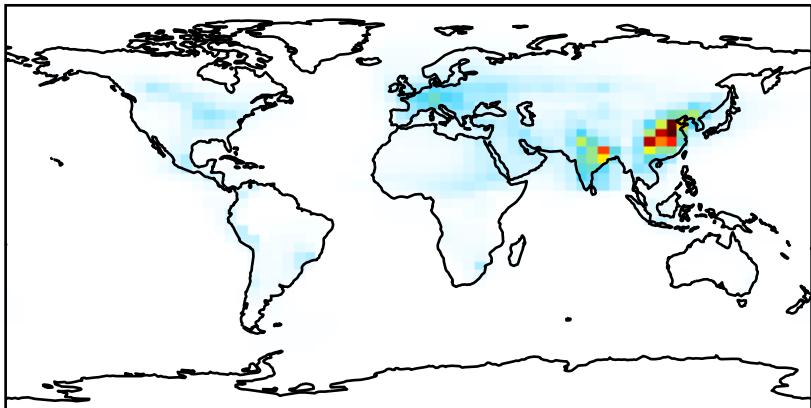
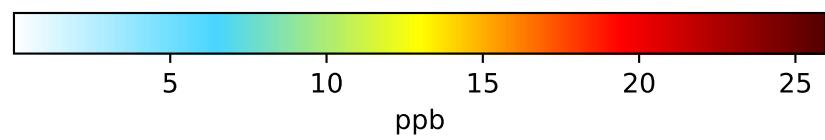
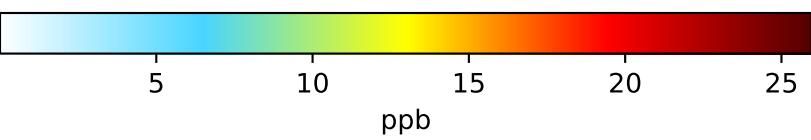
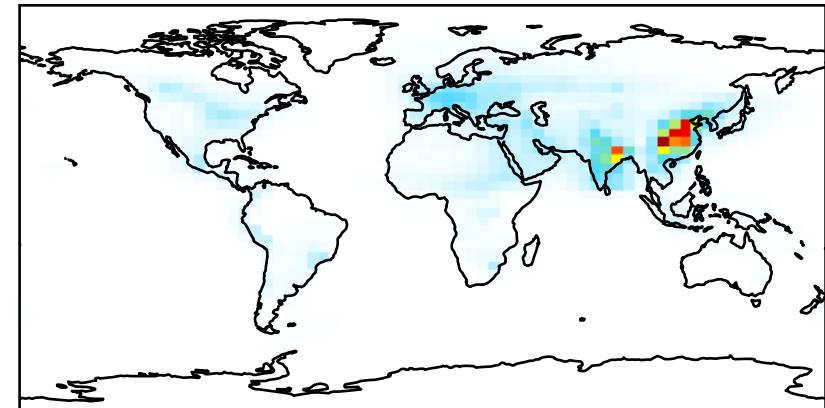


# SpeciesConc\_NH4

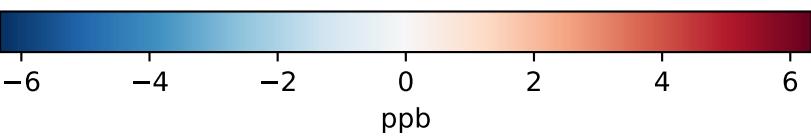
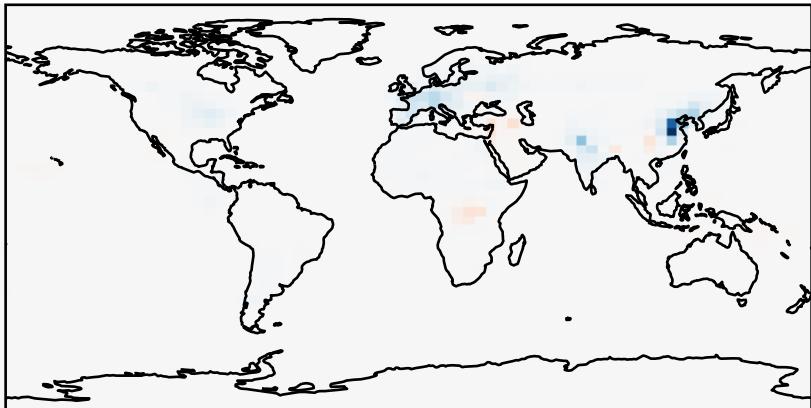
GC\_12.4.0 (Ref)  
4x5



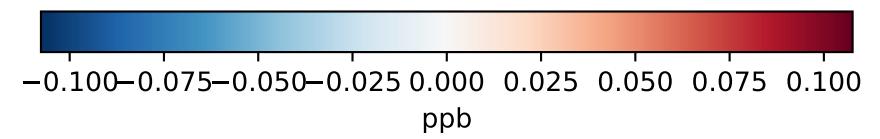
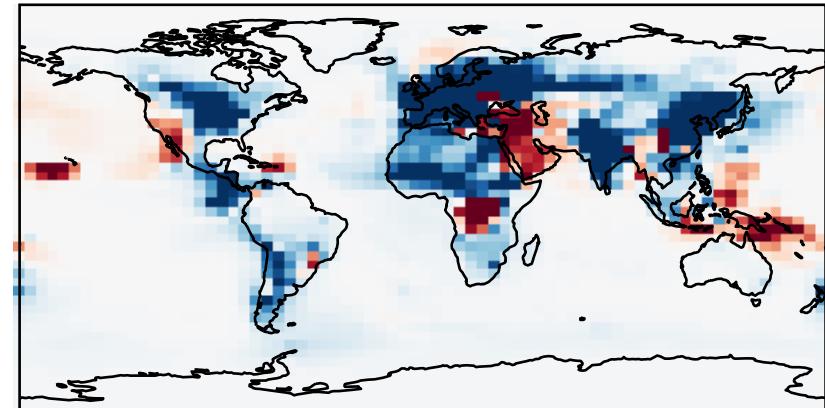
GC\_12.6.0 (Dev)  
4x5



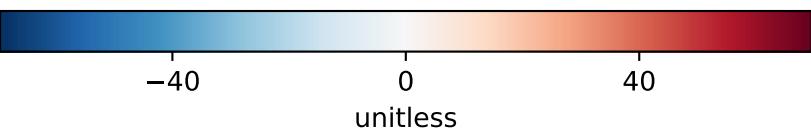
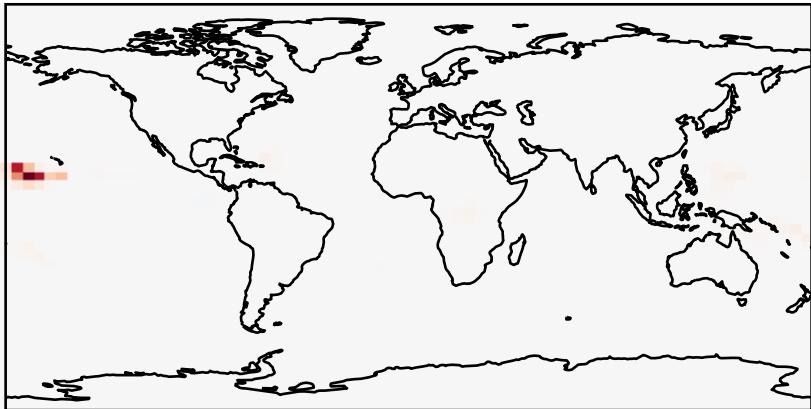
Difference  
Dev - Ref, Dynamic Range



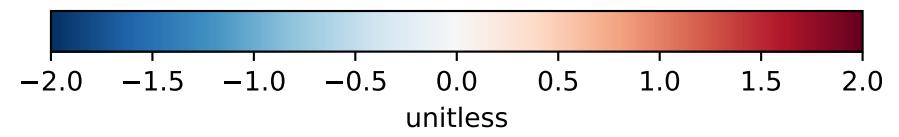
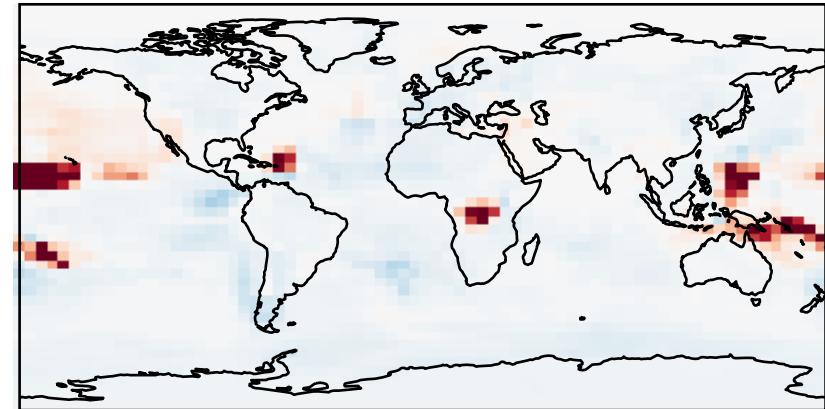
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

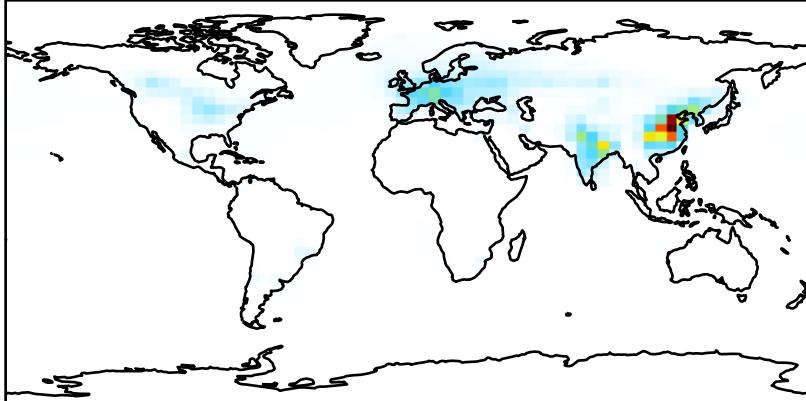


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

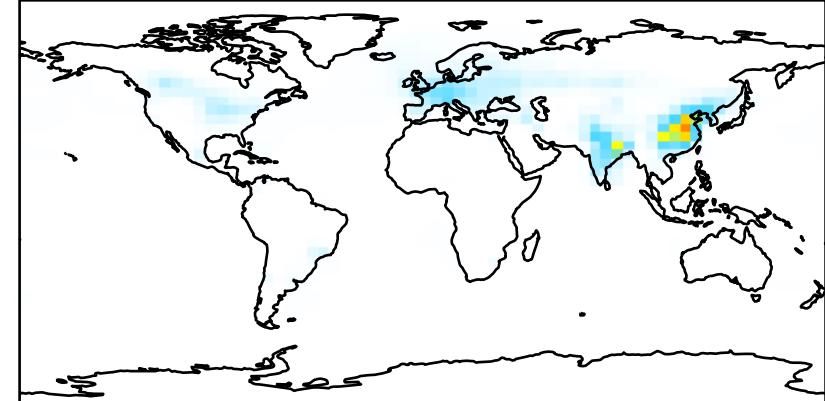


# SpeciesConc\_NIT

GC\_12.4.0 (Ref)  
4x5



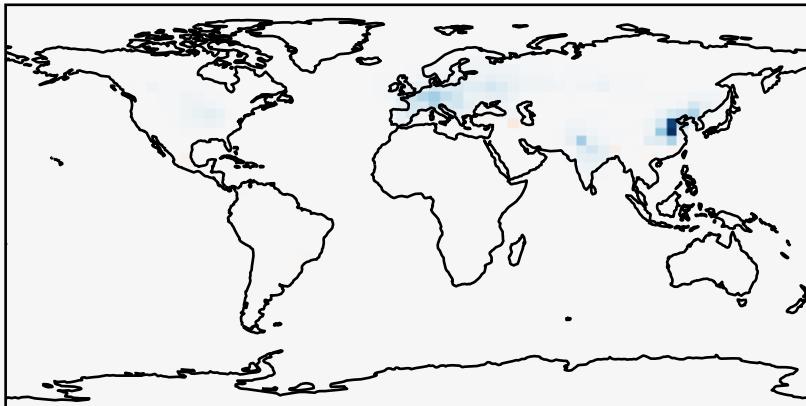
GC\_12.6.0 (Dev)  
4x5



2.5 5.0 7.5 10.0 12.5 15.0 17.5  
ppb

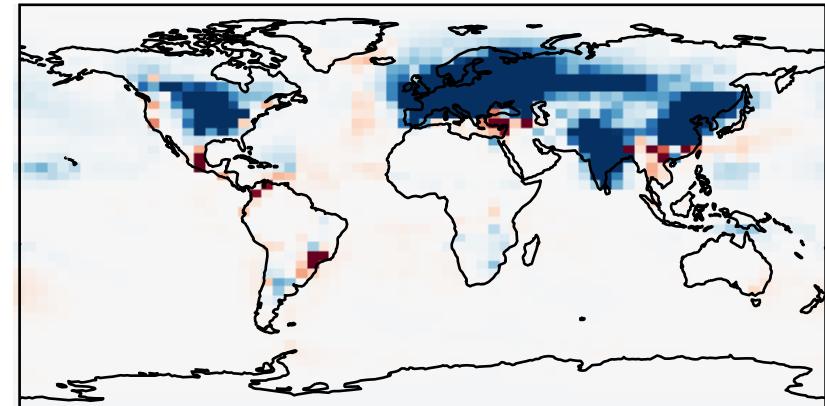
2.5 5.0 7.5 10.0 12.5 15.0 17.5  
ppb

Difference  
Dev - Ref, Dynamic Range



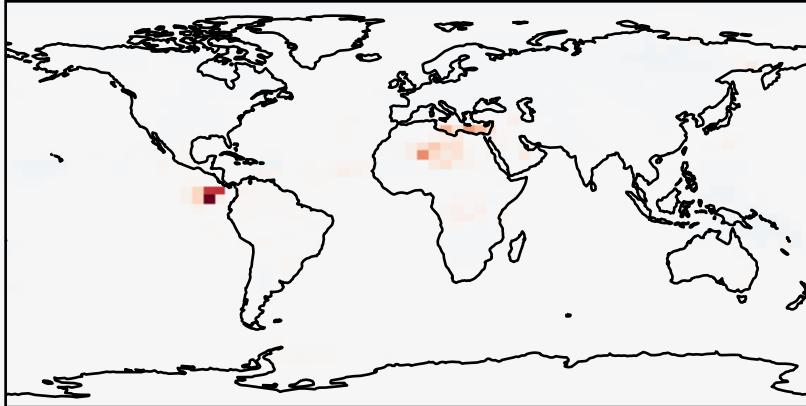
-6 -4 -2 0 2 4 6  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



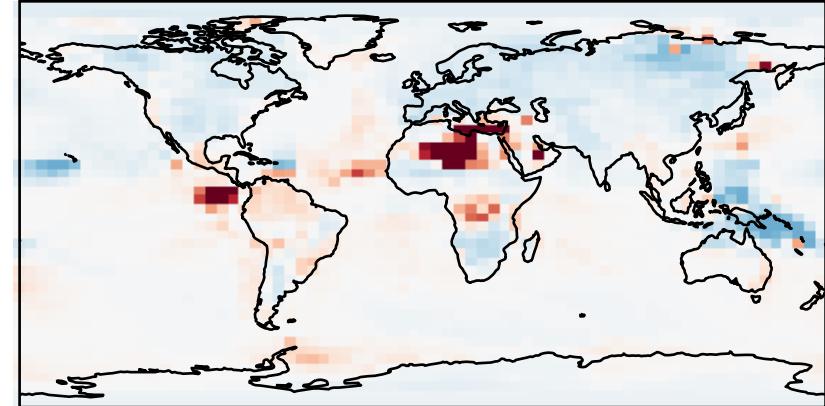
-0.100 -0.075 -0.050 -0.025 0.000 0.025 0.050 0.075 0.100  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



-20 -10 0 10 20  
unitless

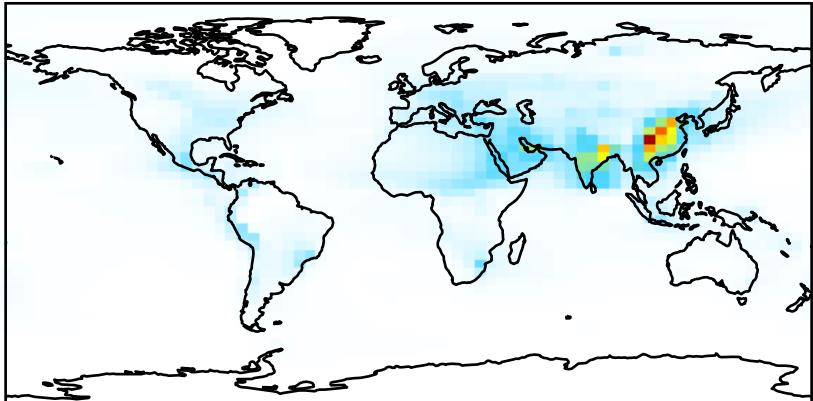
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



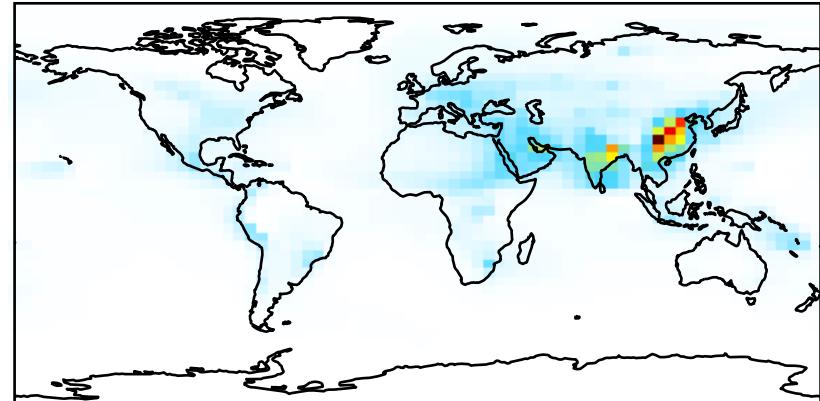
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0  
unitless

# SpeciesConc\_SO4

GC\_12.4.0 (Ref)  
4x5



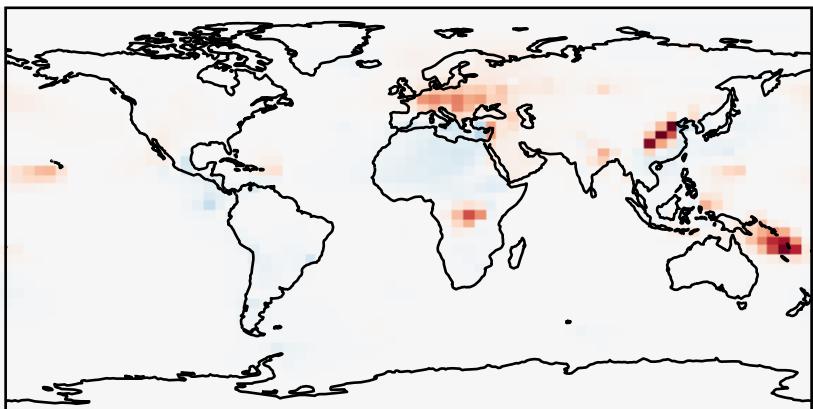
GC\_12.6.0 (Dev)  
4x5



1 2 3 4 5 6  
ppb

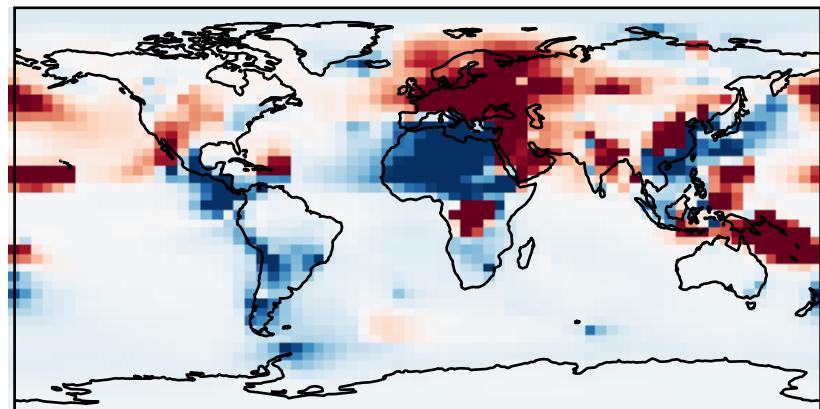
1 2 3 4 5 6  
ppb

Difference  
Dev - Ref, Dynamic Range



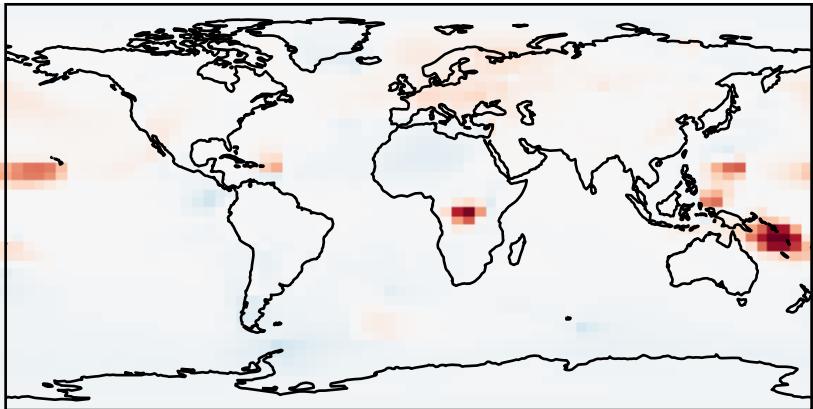
-0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4 0.6 0.8  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



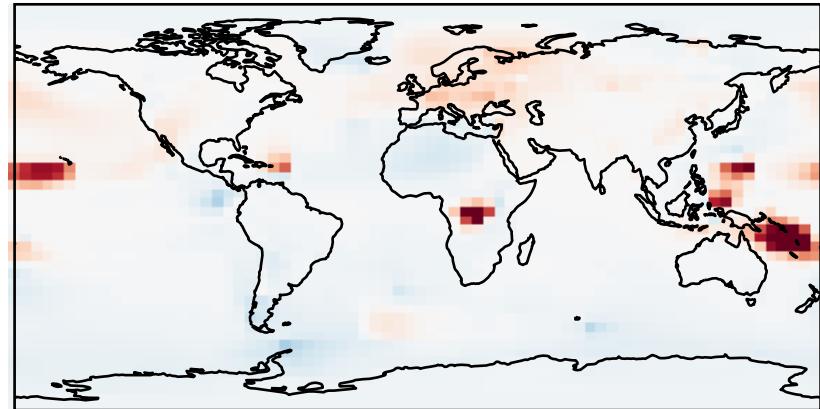
-0.025 -0.000 0.025  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



-3 -2 -1 0 1 2 3  
unitless

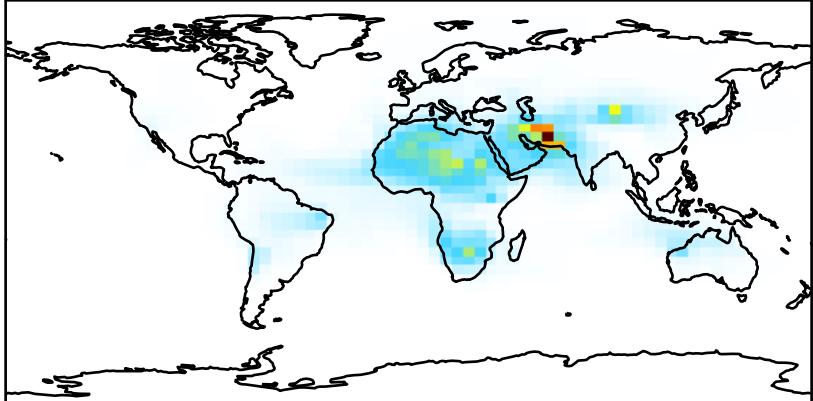
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



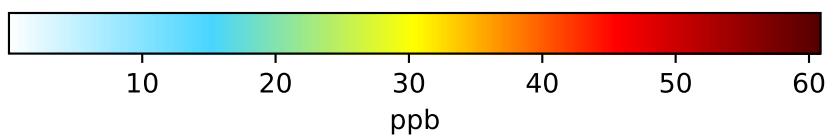
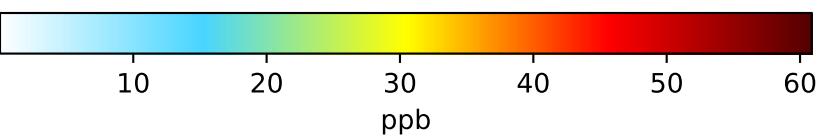
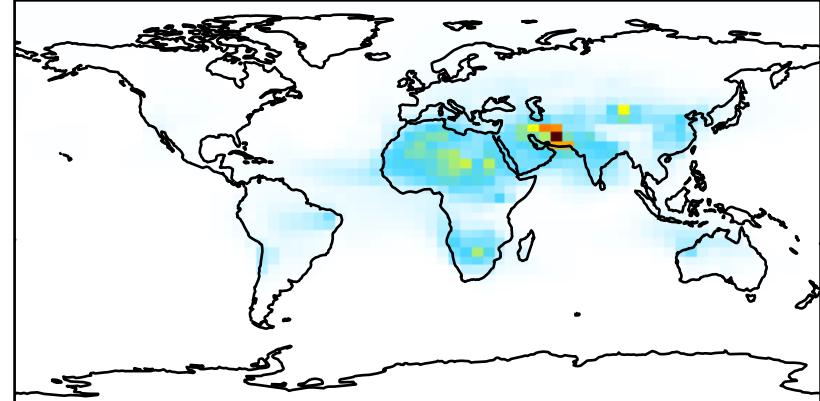
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0  
unitless

# SpeciesConc\_DST1

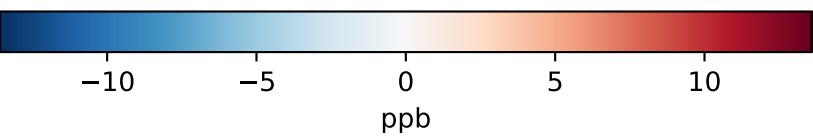
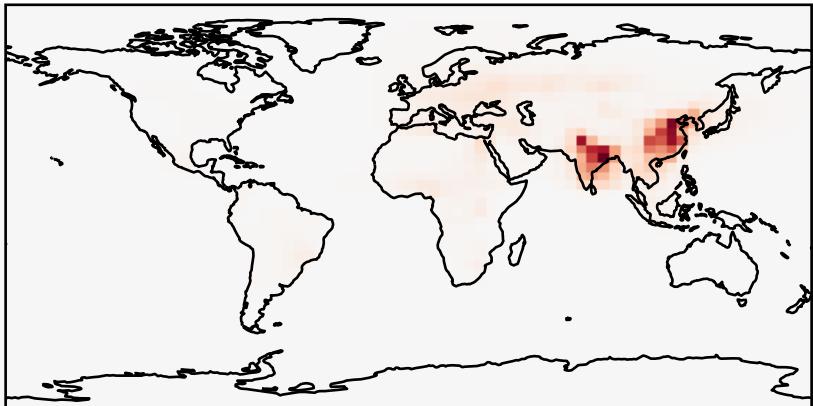
GC\_12.4.0 (Ref)  
4x5



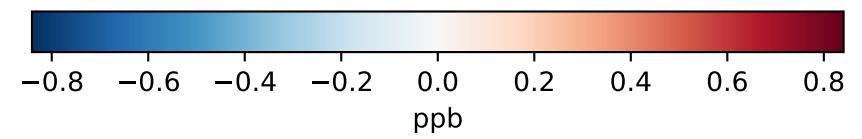
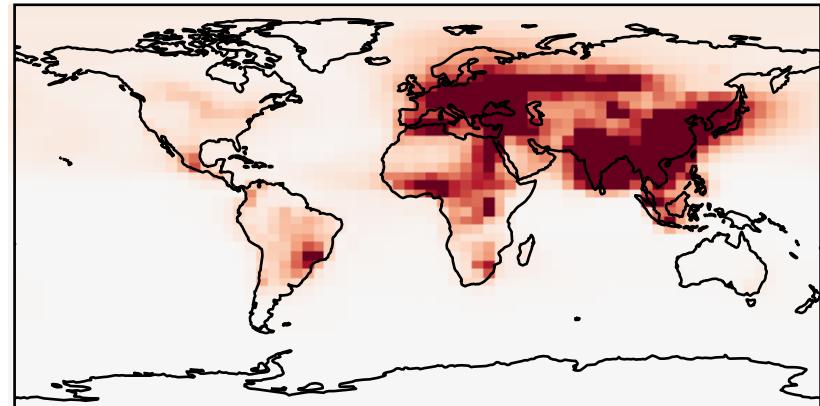
GC\_12.6.0 (Dev)  
4x5



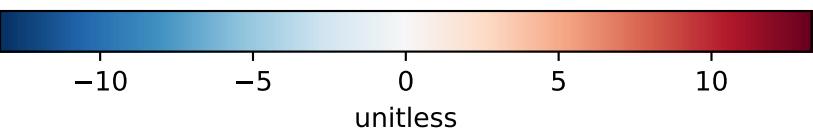
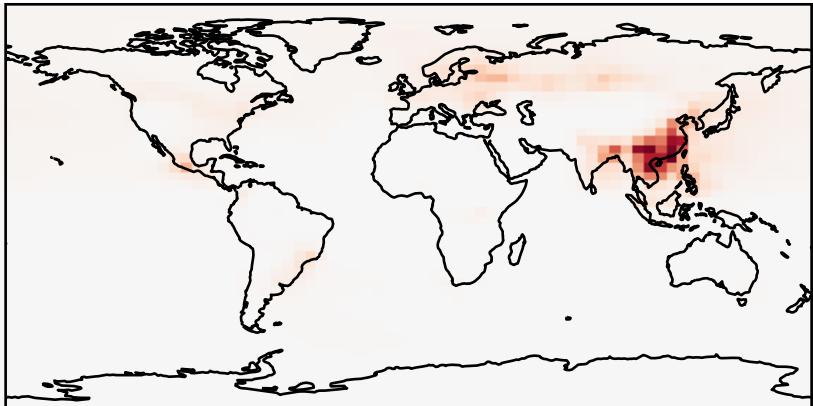
Difference  
Dev - Ref, Dynamic Range



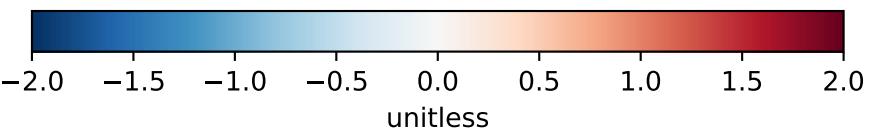
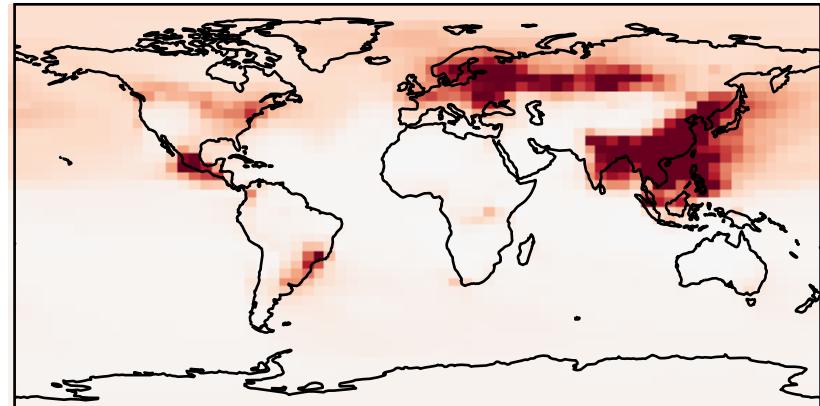
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

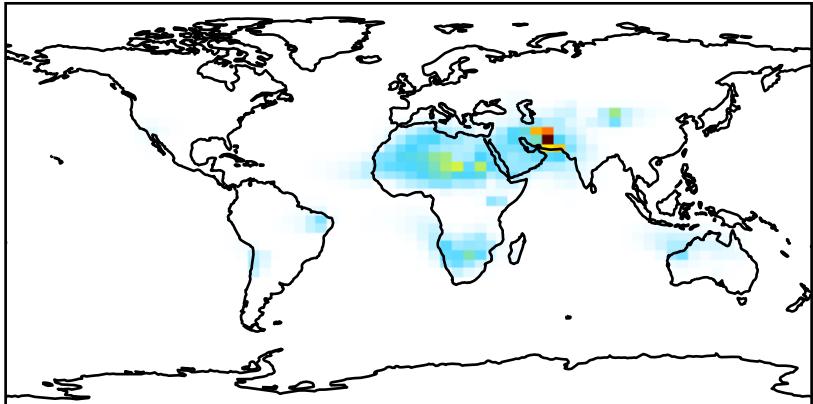


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

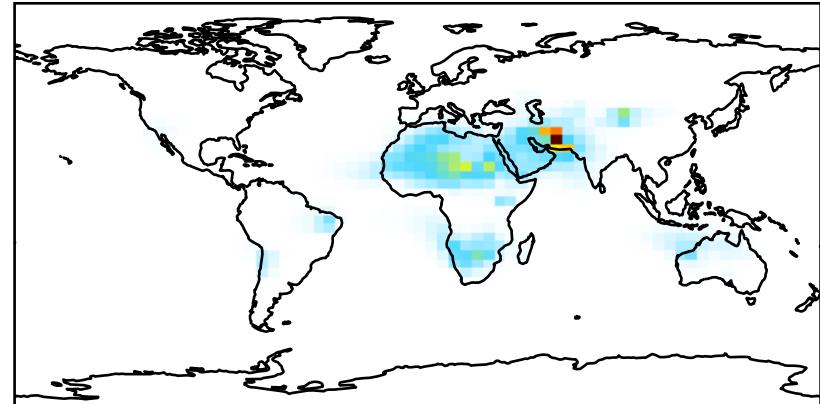


# SpeciesConc\_DST2

GC\_12.4.0 (Ref)  
4x5



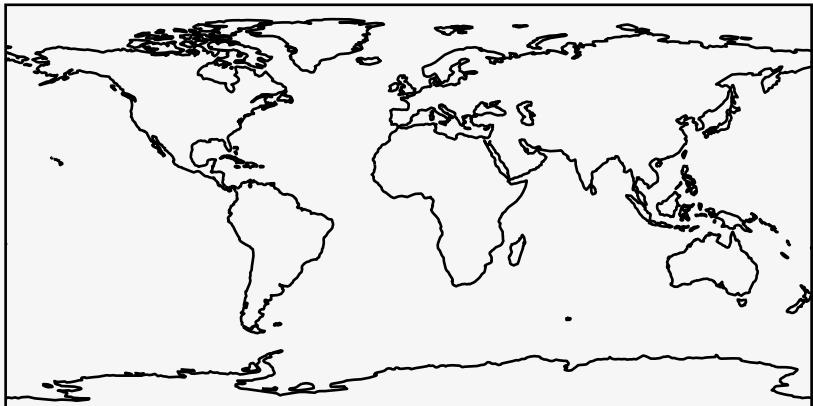
GC\_12.6.0 (Dev)  
4x5



30 60 90  
ppb

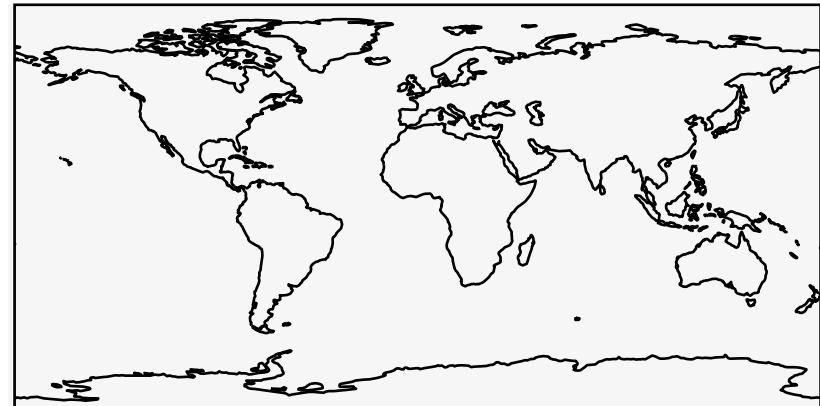
30 60 90  
ppb

Difference  
Dev - Ref, Dynamic Range



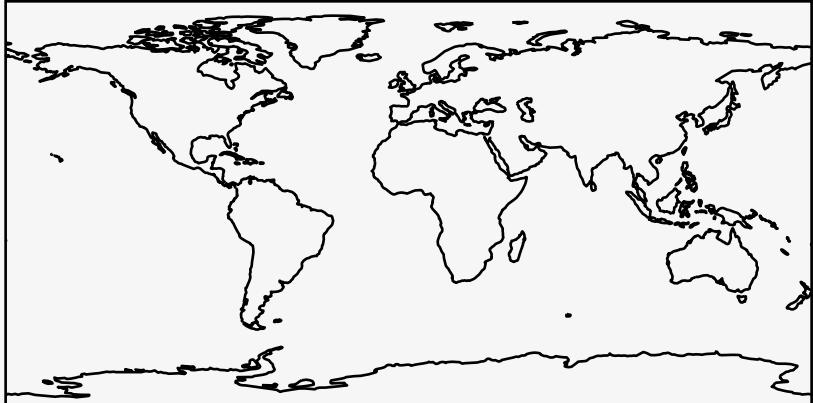
Zero throughout domain  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



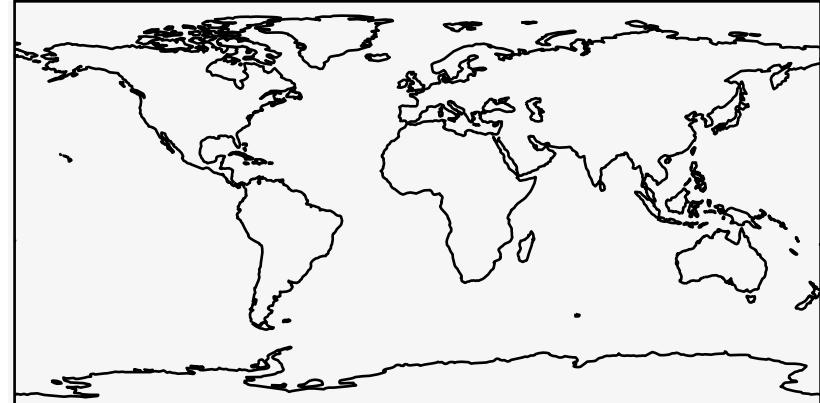
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

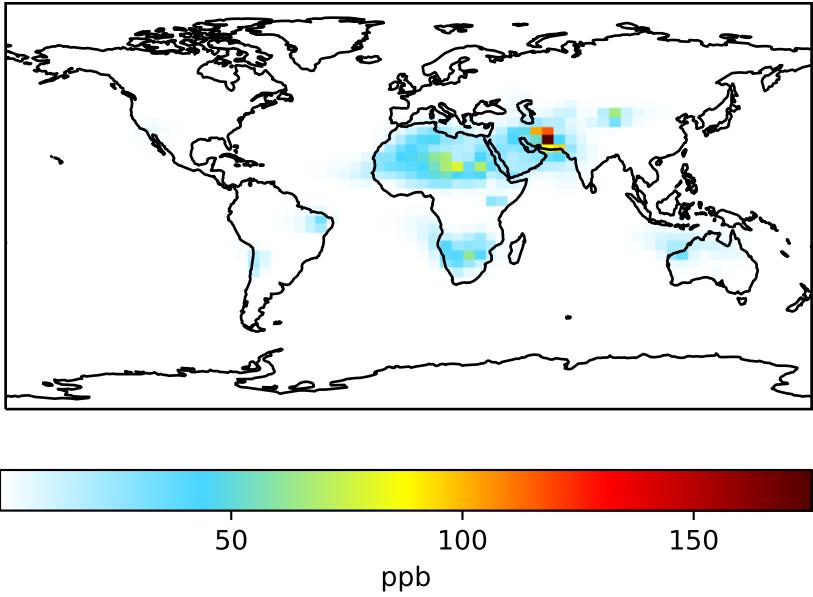
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



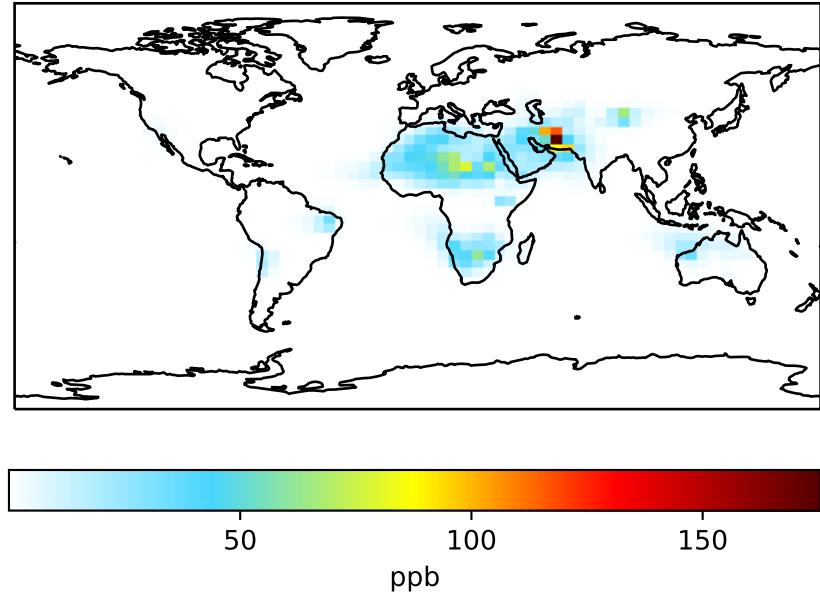
Zero throughout domain  
unitless

# SpeciesConc\_DST3

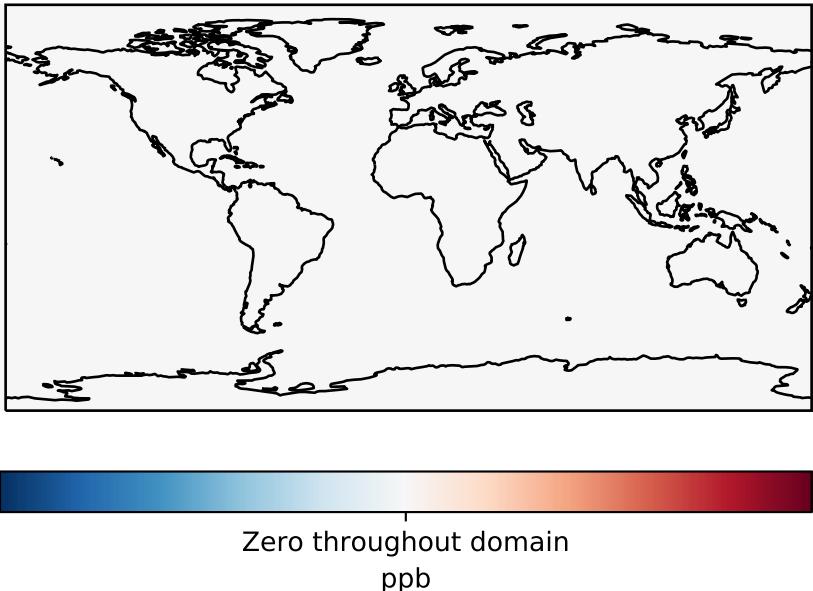
GC\_12.4.0 (Ref)  
4x5



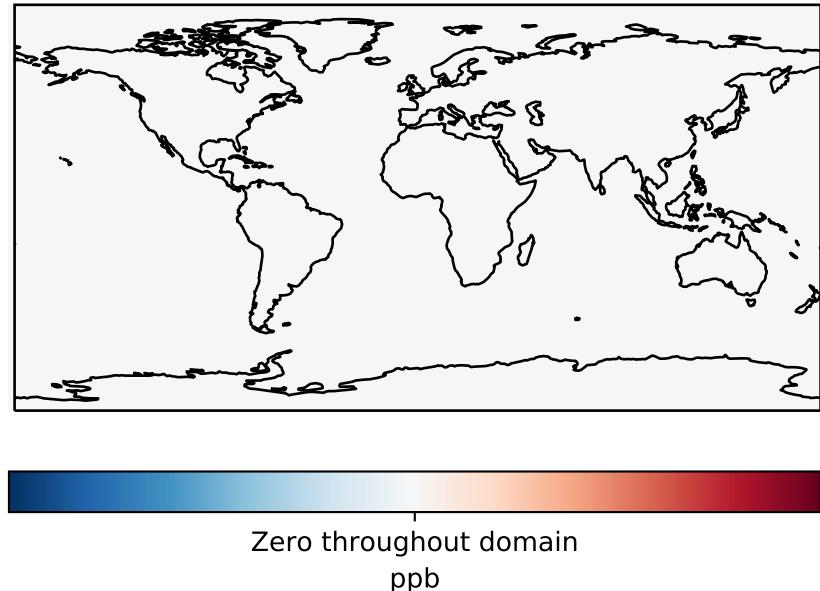
GC\_12.6.0 (Dev)  
4x5



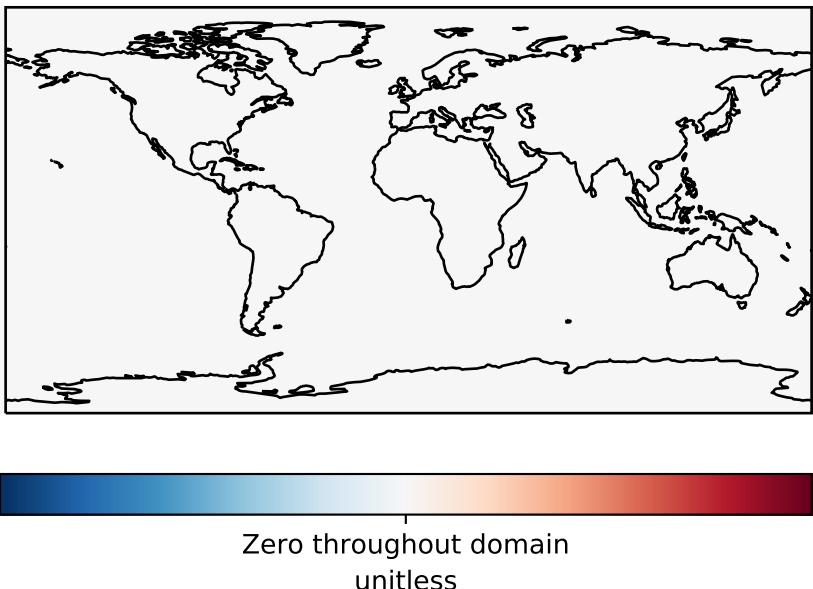
Difference  
Dev - Ref, Dynamic Range



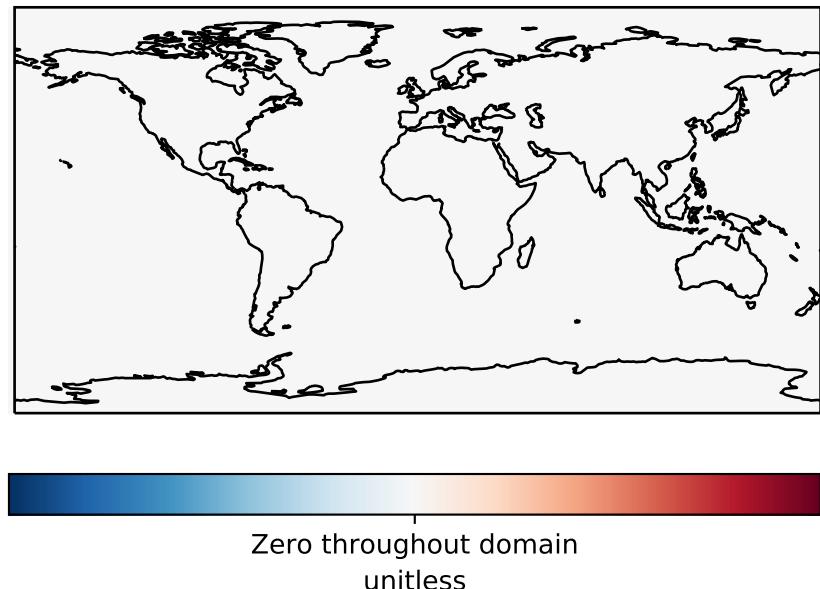
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

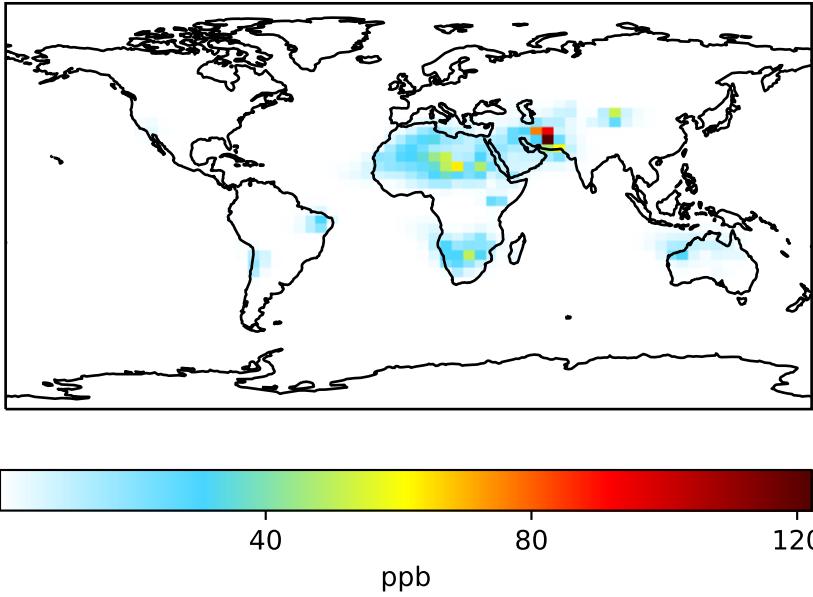


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

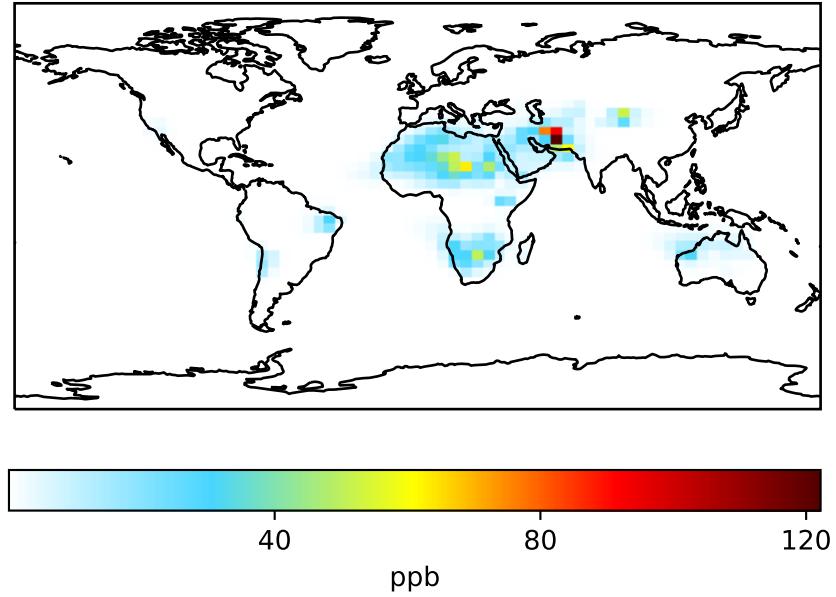


# SpeciesConc\_DST4

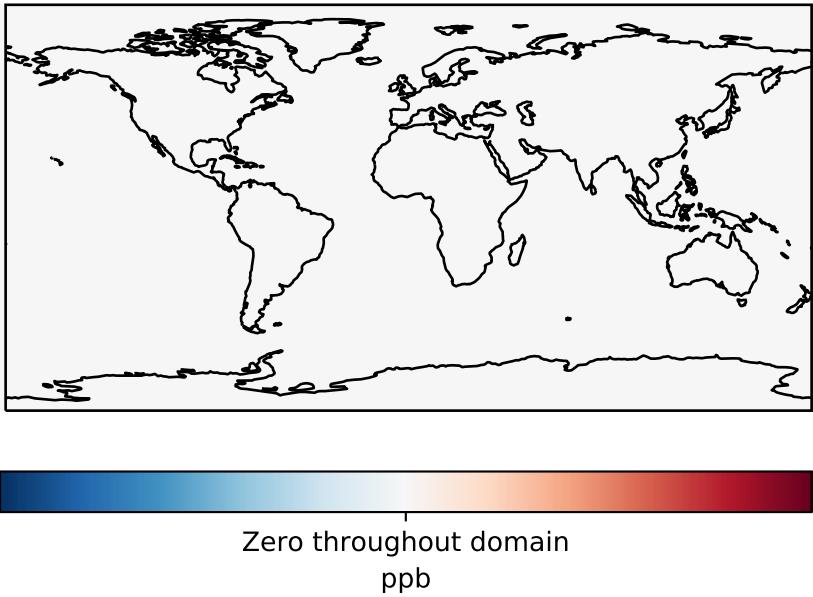
GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5

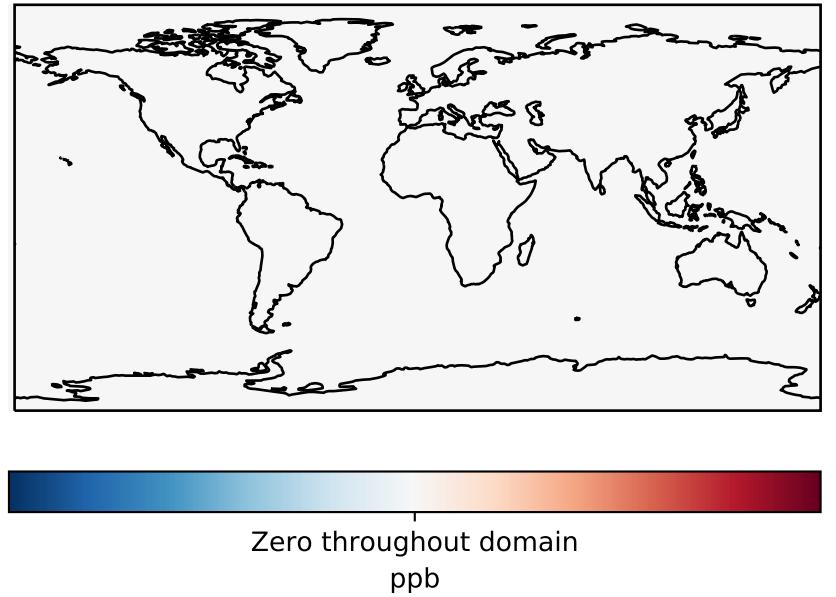


Difference  
Dev - Ref, Dynamic Range



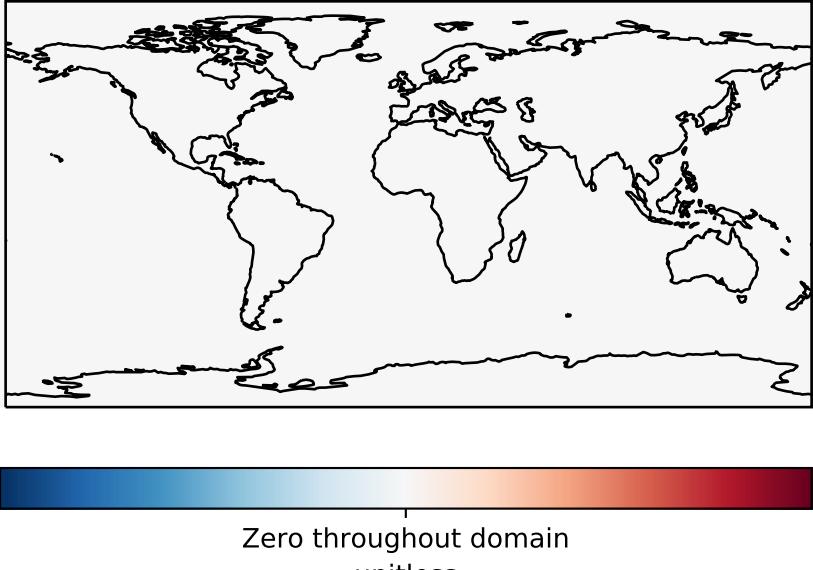
Zero throughout domain  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



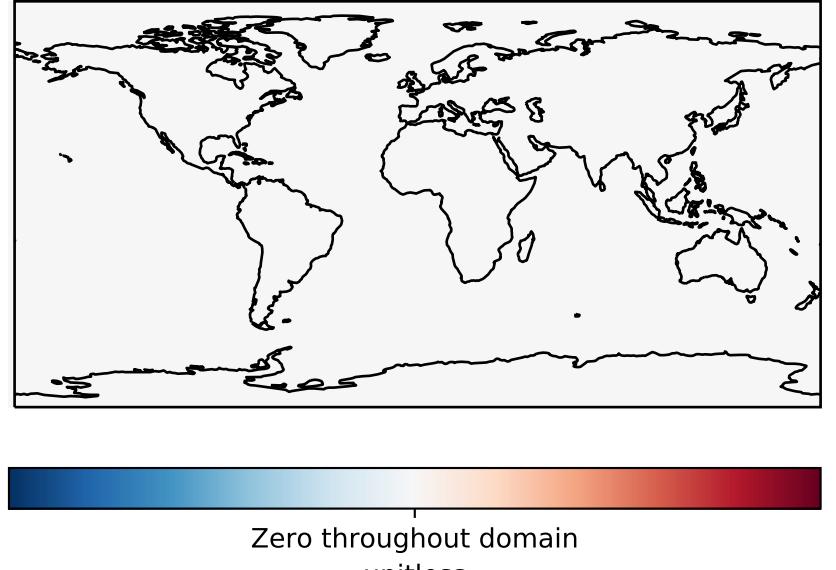
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

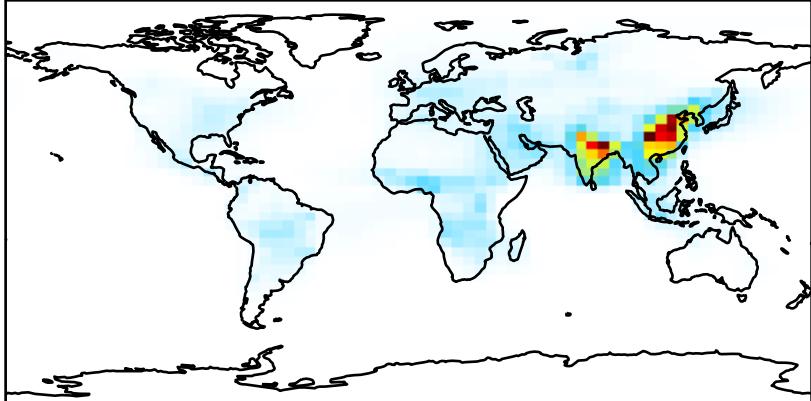
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



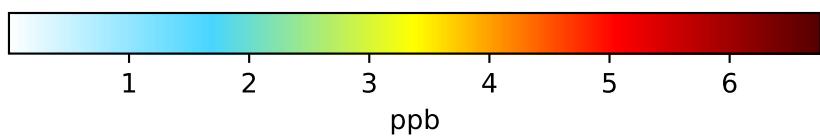
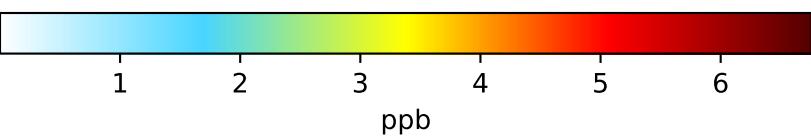
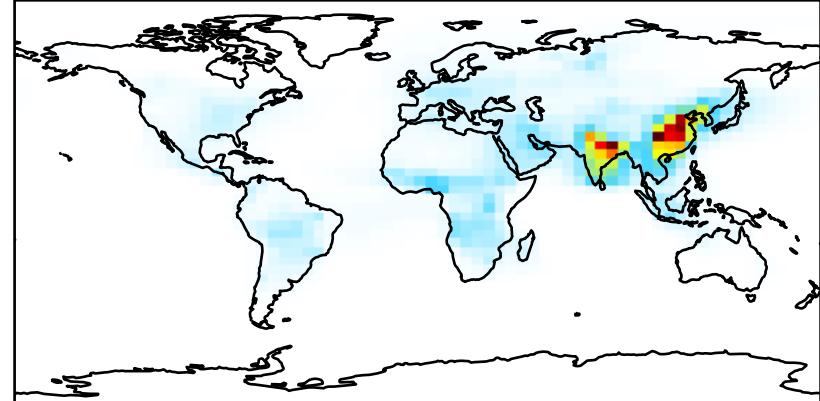
Zero throughout domain  
unitless

# SpeciesConc\_BCPI

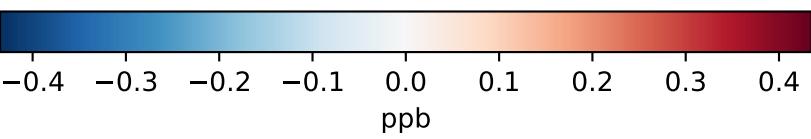
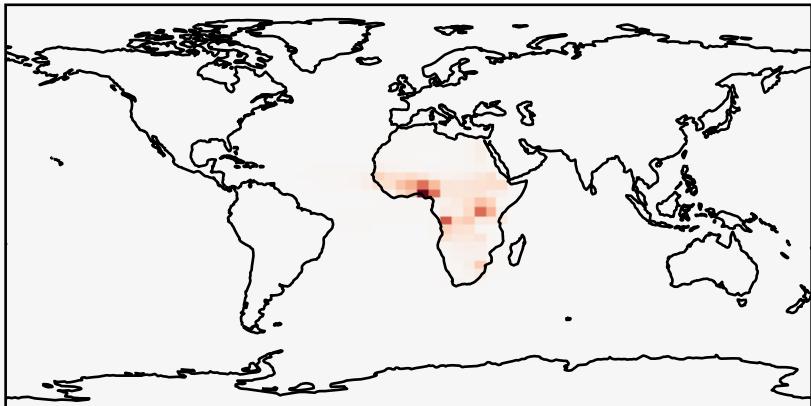
GC\_12.4.0 (Ref)  
4x5



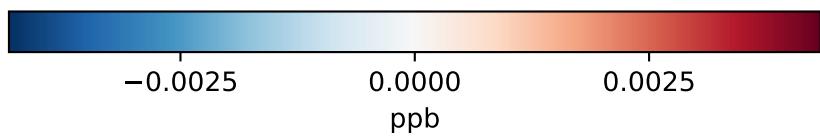
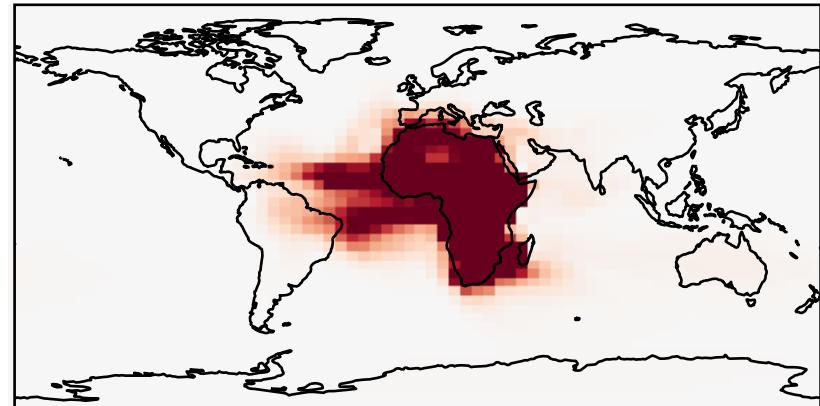
GC\_12.6.0 (Dev)  
4x5



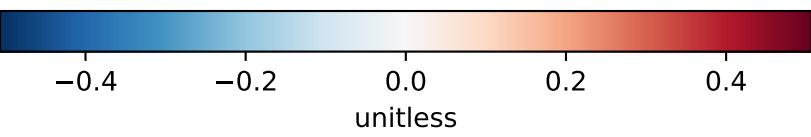
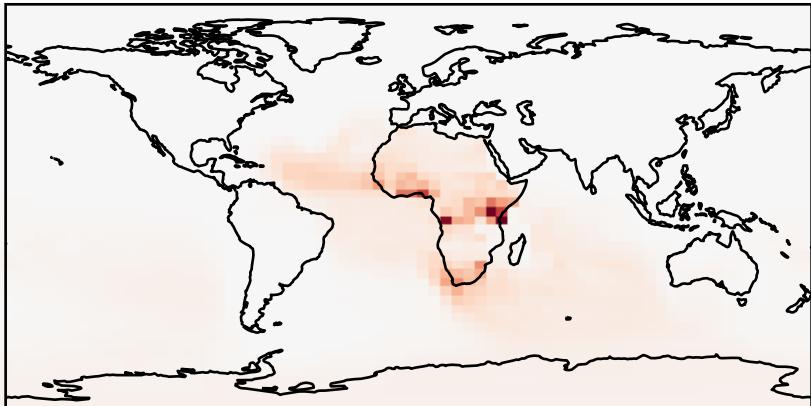
Difference  
Dev - Ref, Dynamic Range



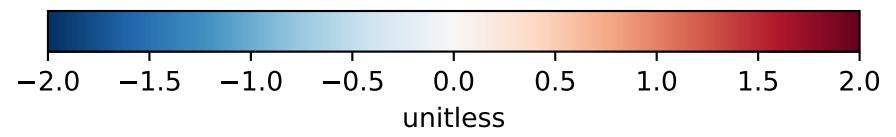
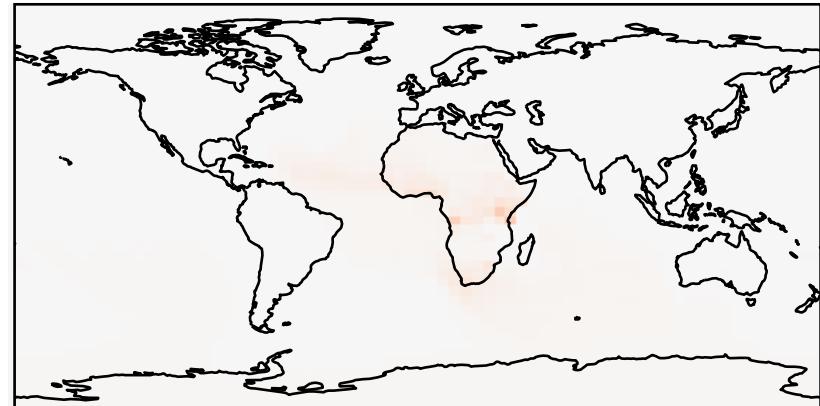
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

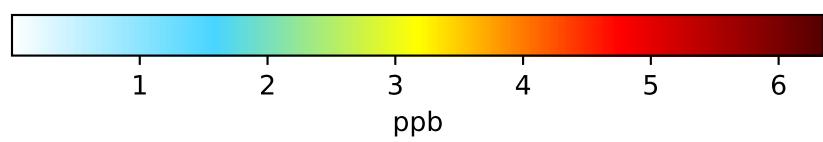
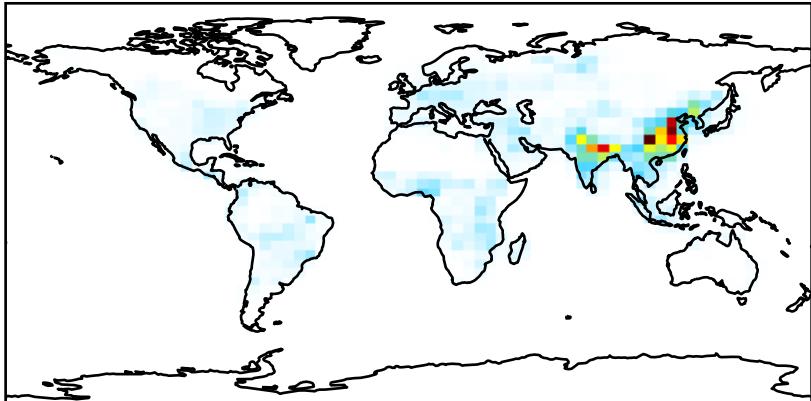


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

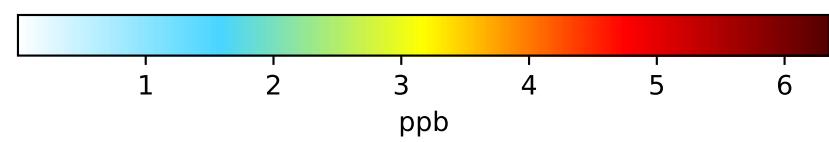
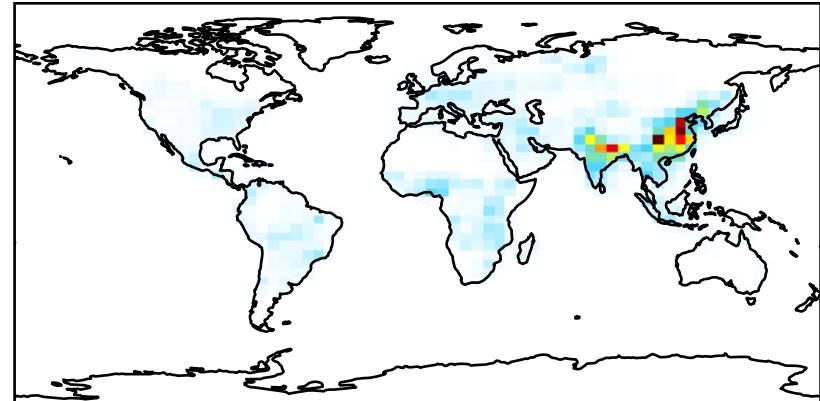


# SpeciesConc\_BCPO

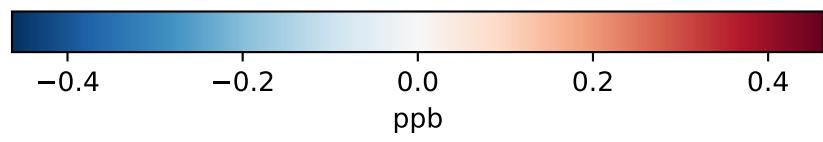
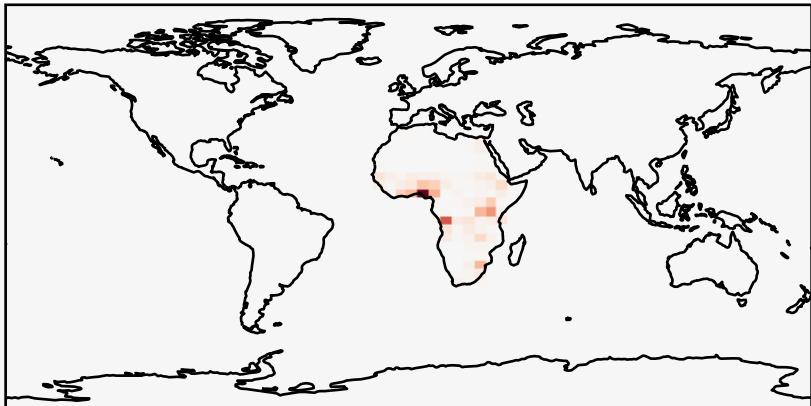
GC\_12.4.0 (Ref)  
4x5



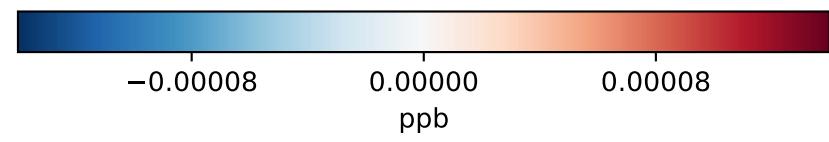
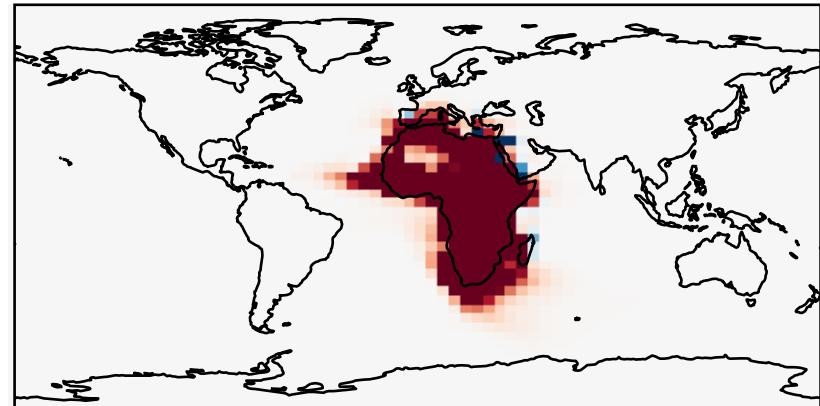
GC\_12.6.0 (Dev)  
4x5



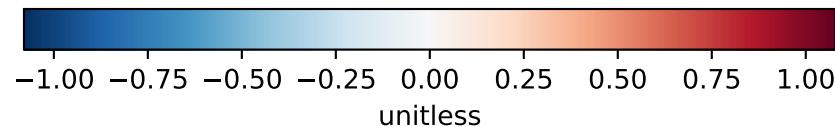
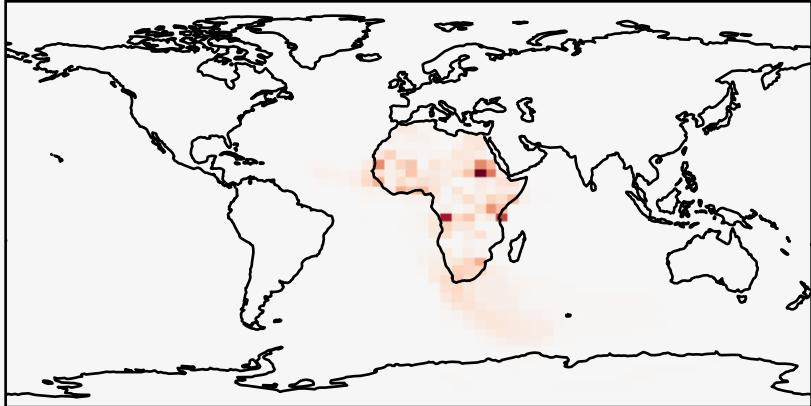
Difference  
Dev - Ref, Dynamic Range



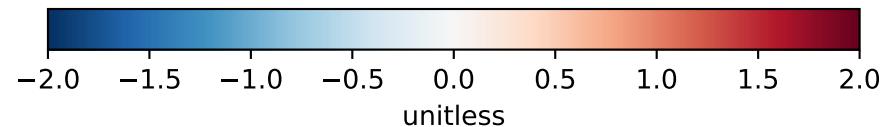
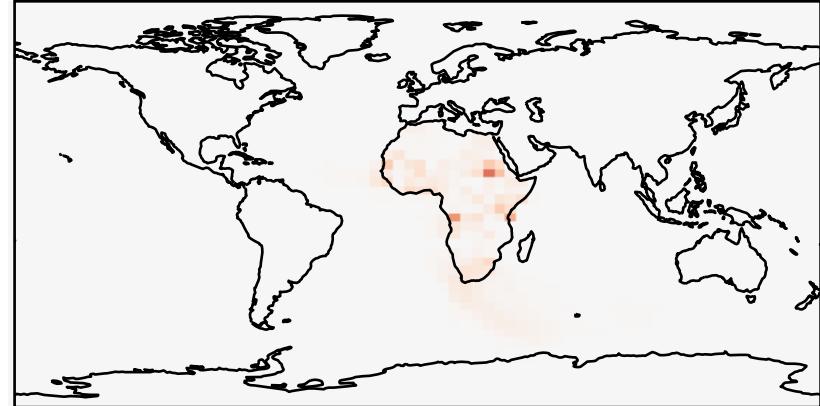
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

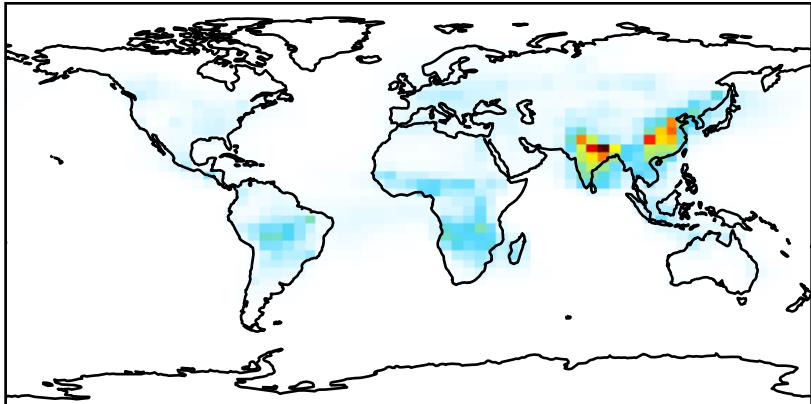


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

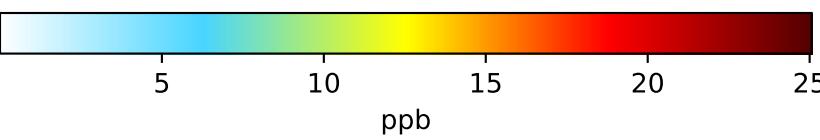
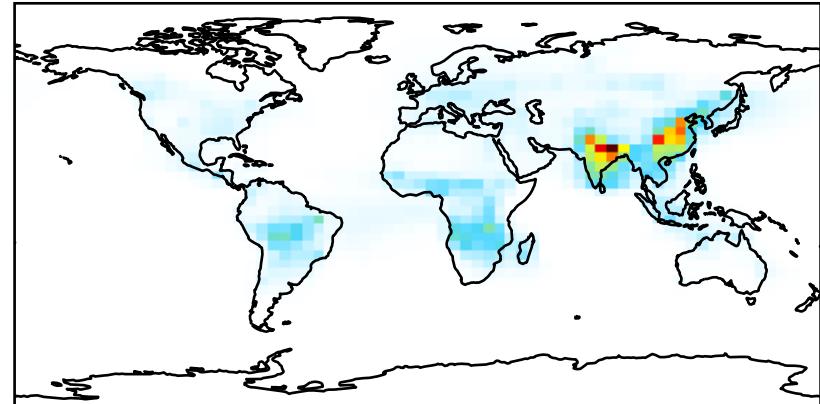


# SpeciesConc\_OCPI

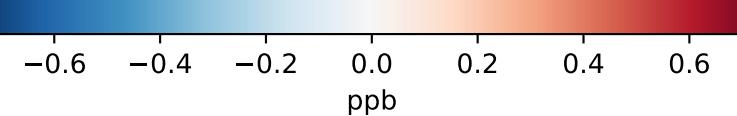
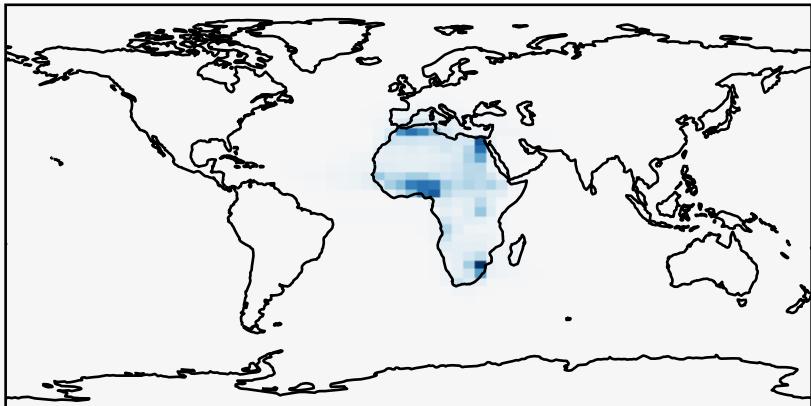
GC\_12.4.0 (Ref)  
4x5



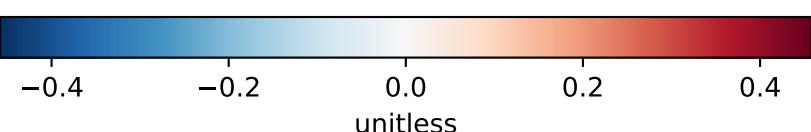
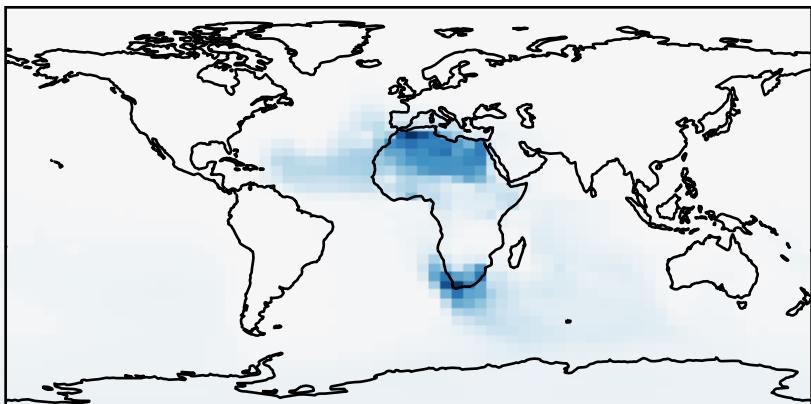
GC\_12.6.0 (Dev)  
4x5



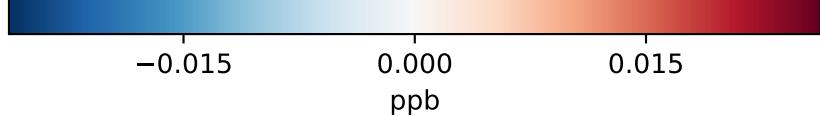
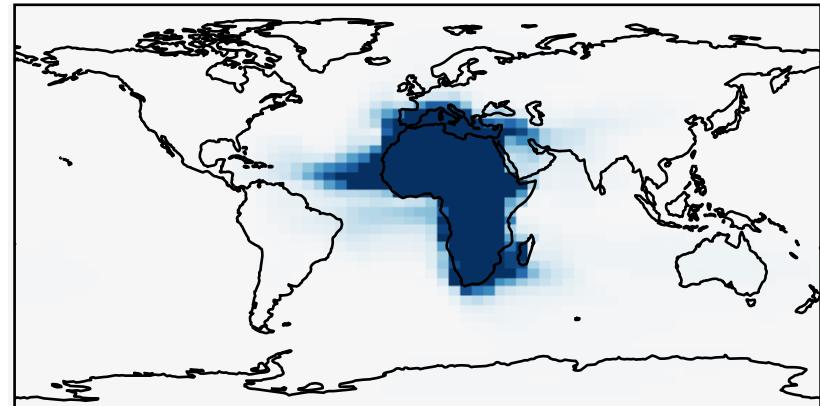
Difference  
Dev - Ref, Dynamic Range



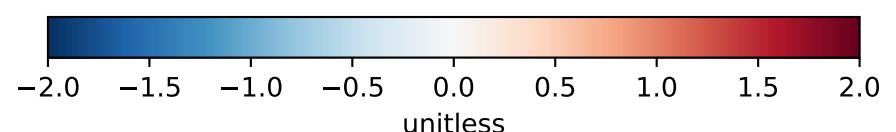
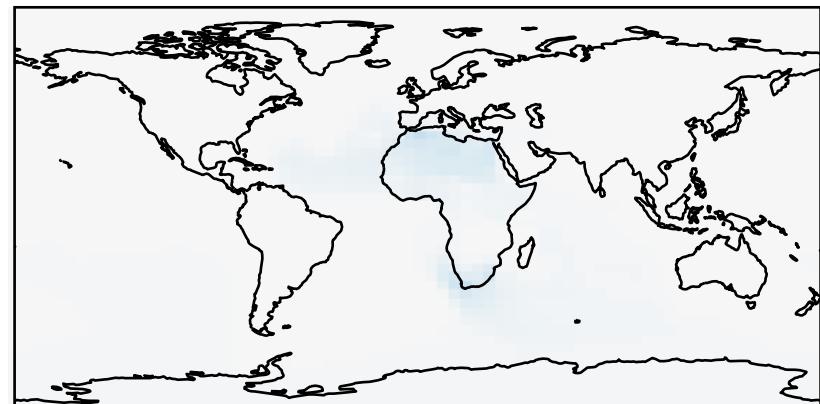
Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Difference  
Dev - Ref, Restricted Range [5%,95%]

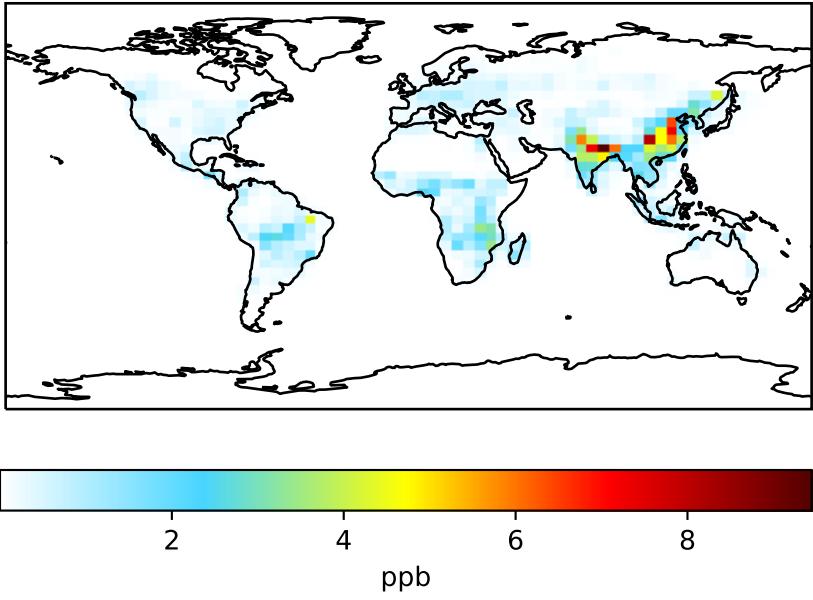


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

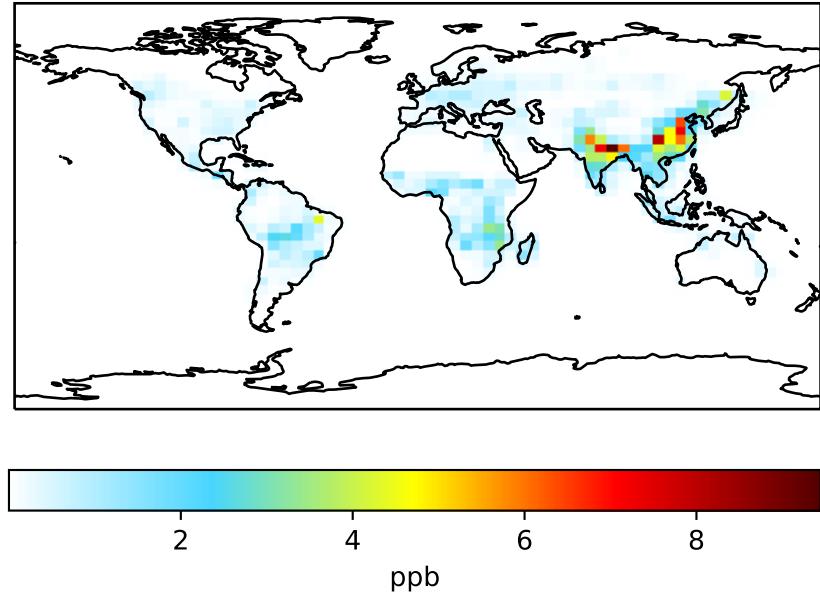


# SpeciesConc\_OCPO

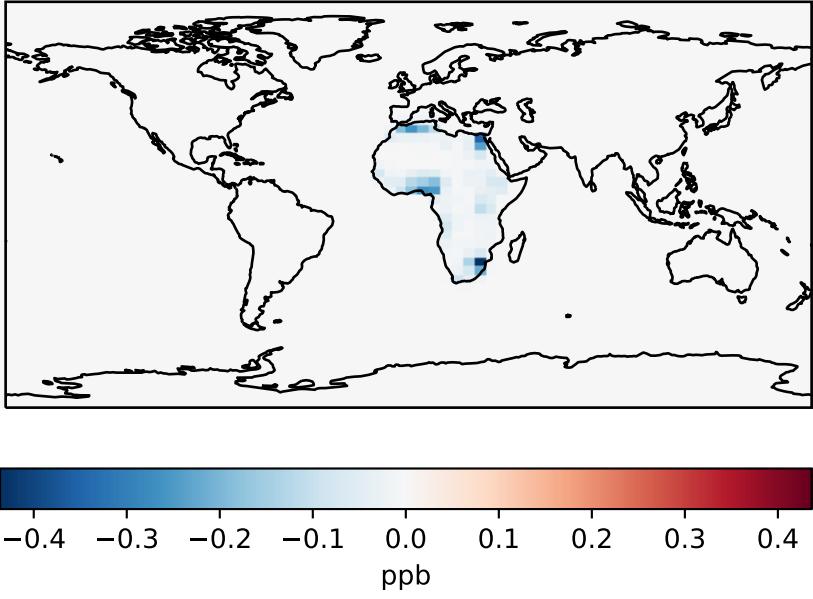
GC\_12.4.0 (Ref)  
4x5



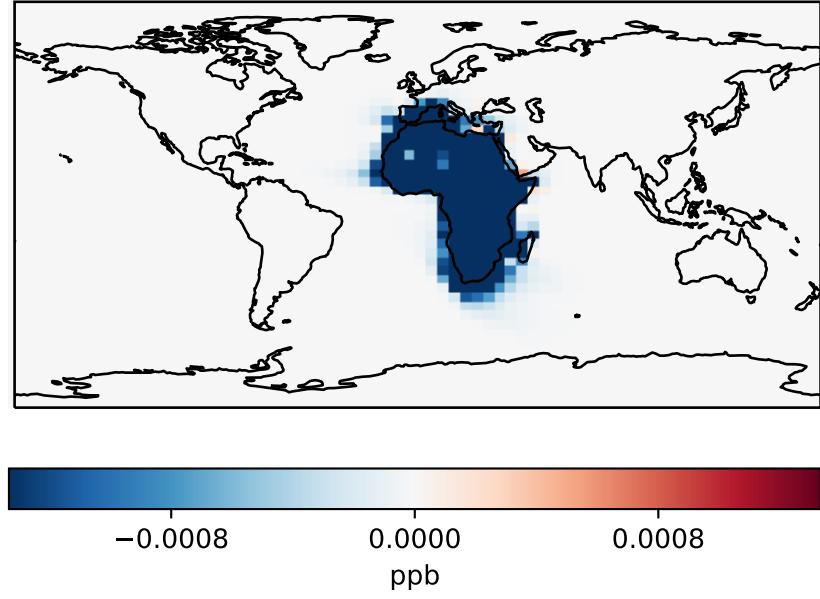
GC\_12.6.0 (Dev)  
4x5



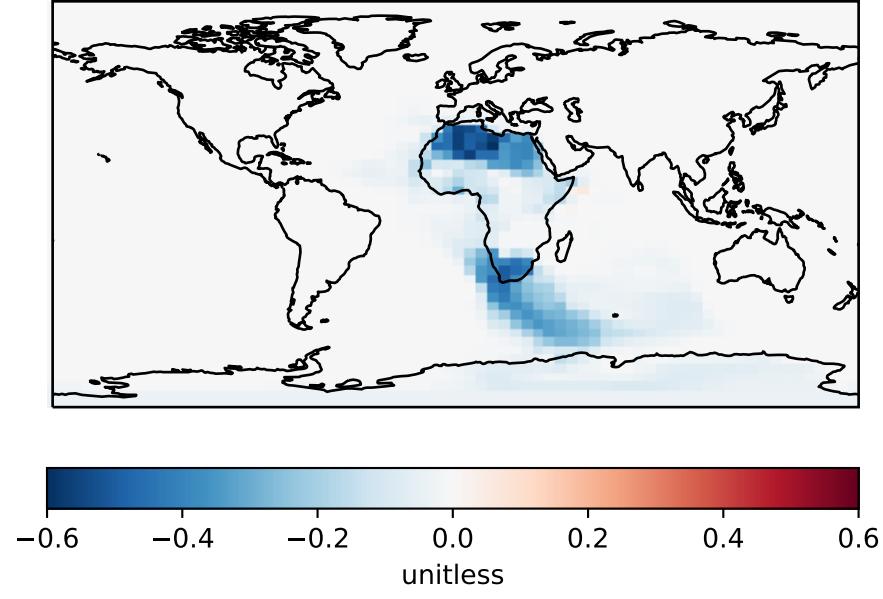
Difference  
Dev - Ref, Dynamic Range



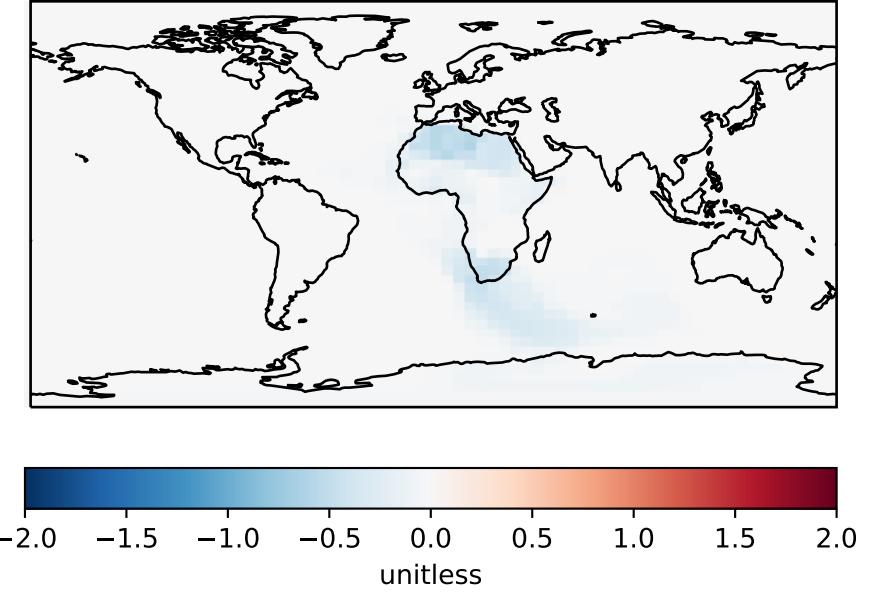
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

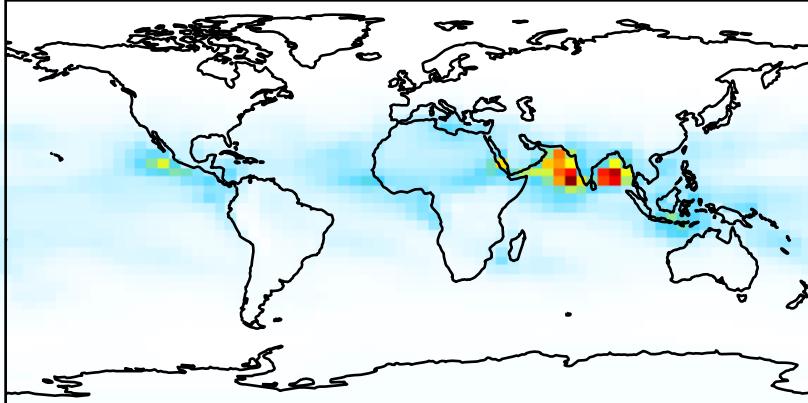


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

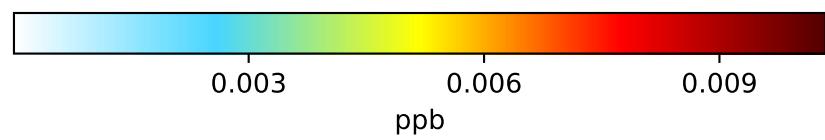
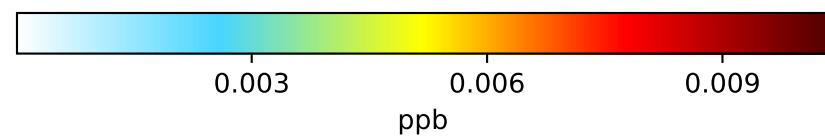
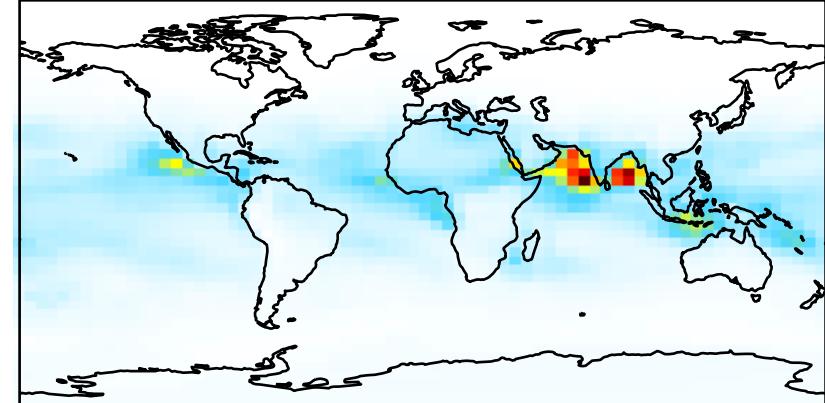


# SpeciesConc\_AERI

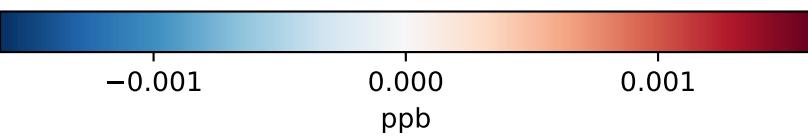
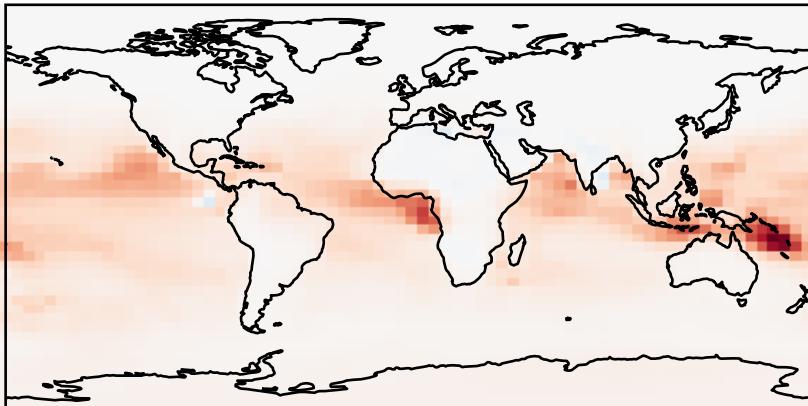
GC\_12.4.0 (Ref)  
4x5



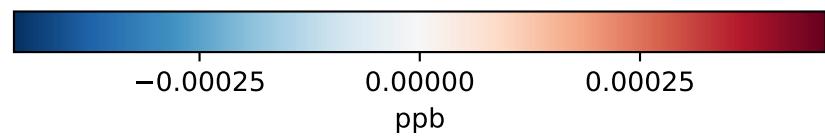
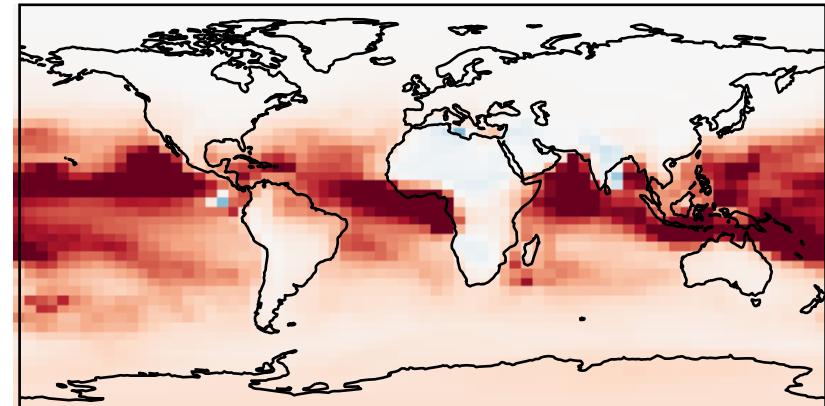
GC\_12.6.0 (Dev)  
4x5



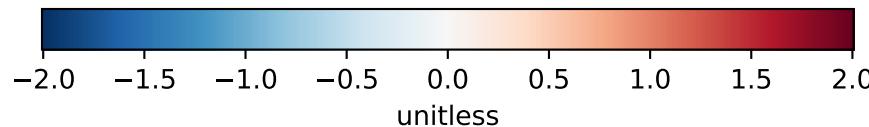
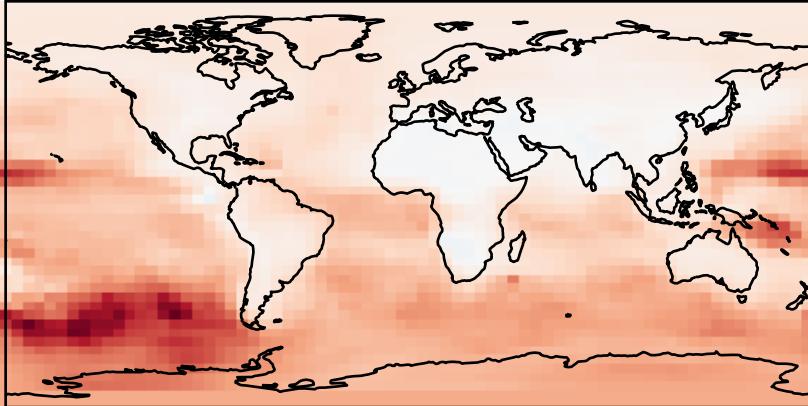
Difference  
Dev - Ref, Dynamic Range



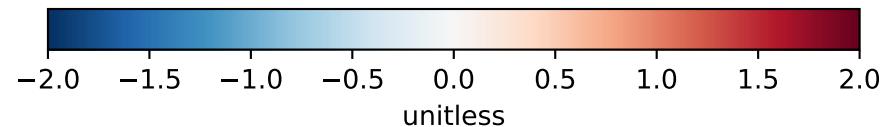
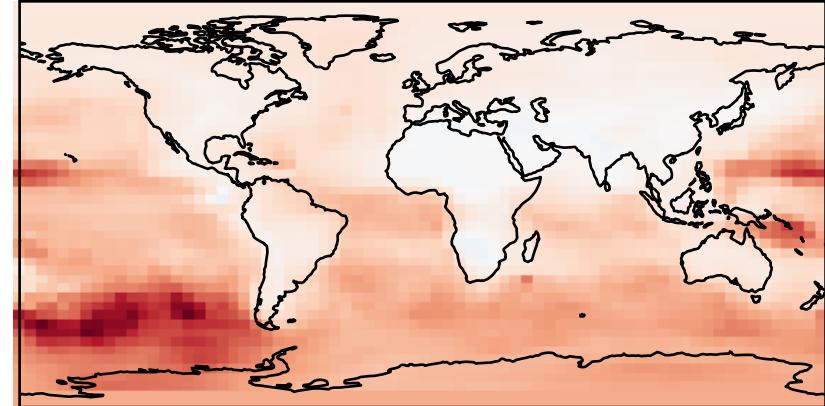
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

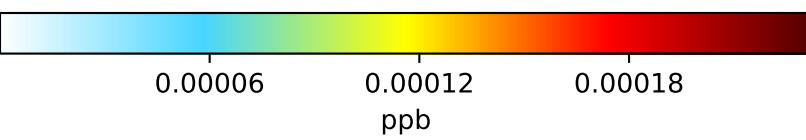
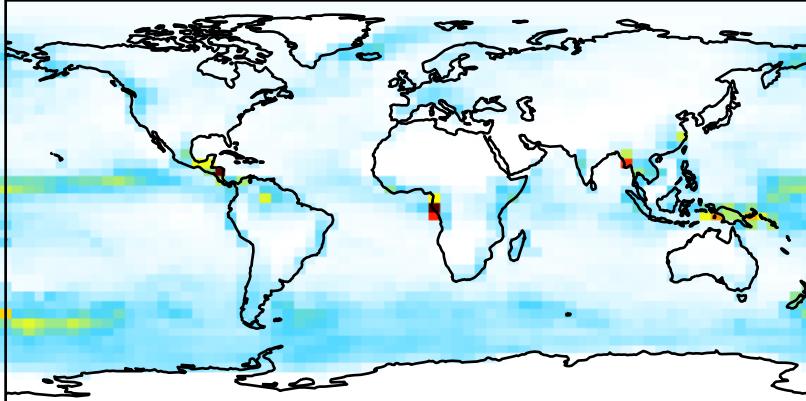


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

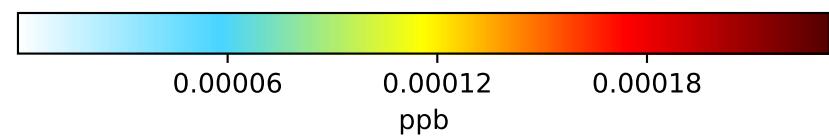
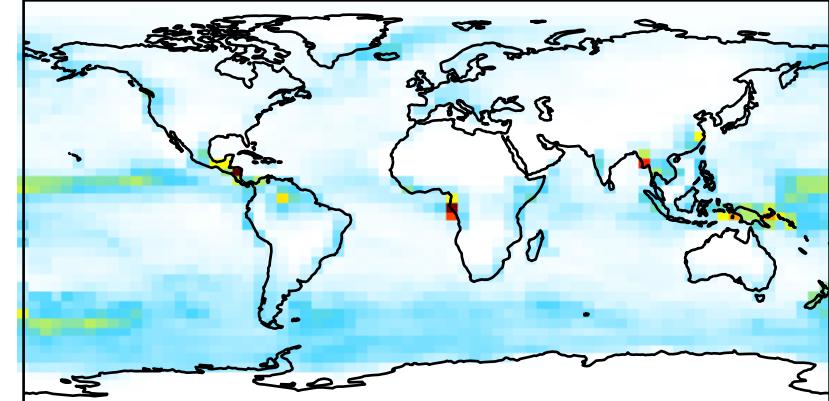


# SpeciesConc\_BrSALA

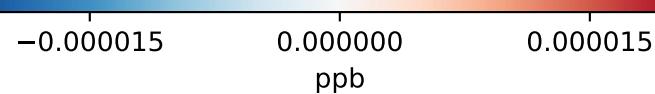
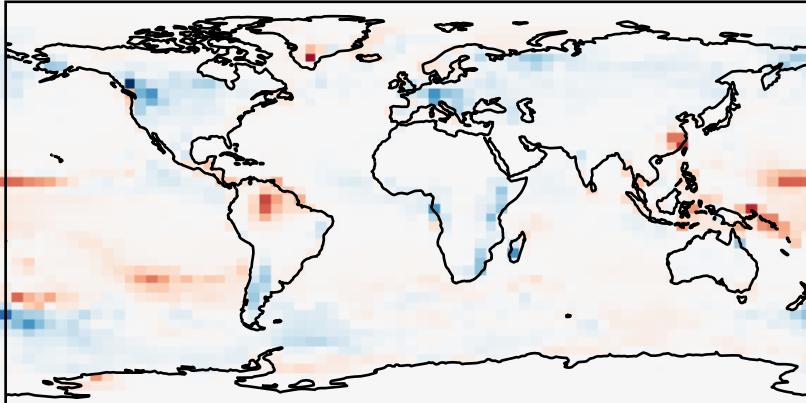
GC\_12.4.0 (Ref)  
4x5



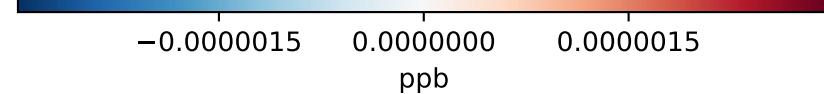
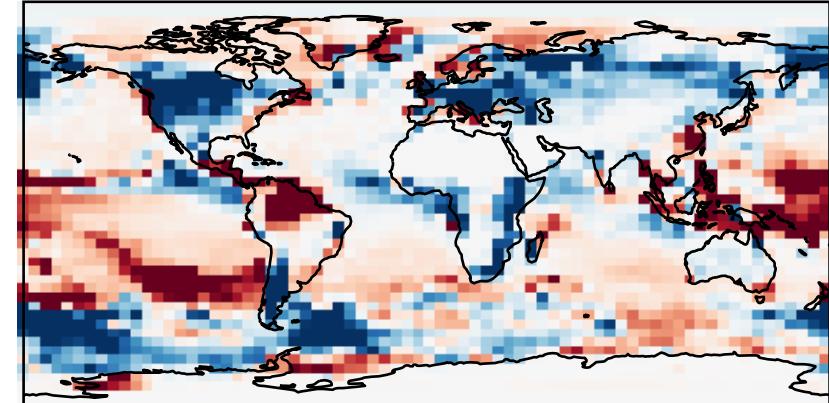
GC\_12.6.0 (Dev)  
4x5



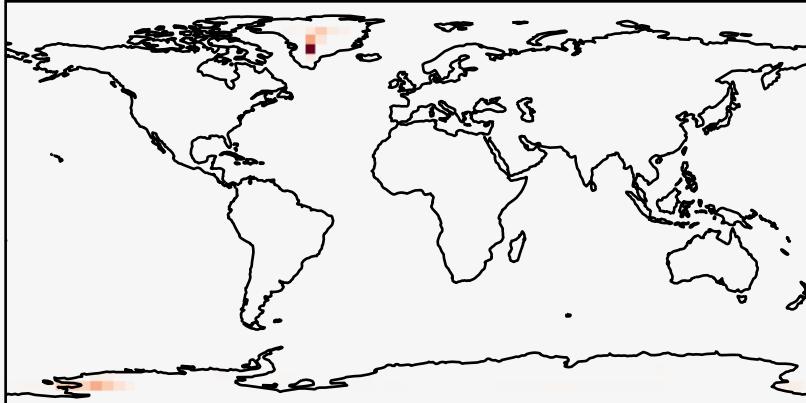
Difference  
Dev - Ref, Dynamic Range



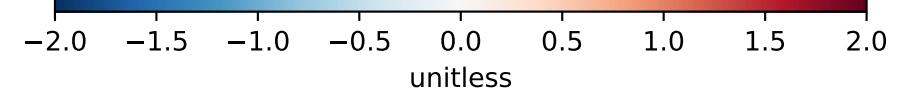
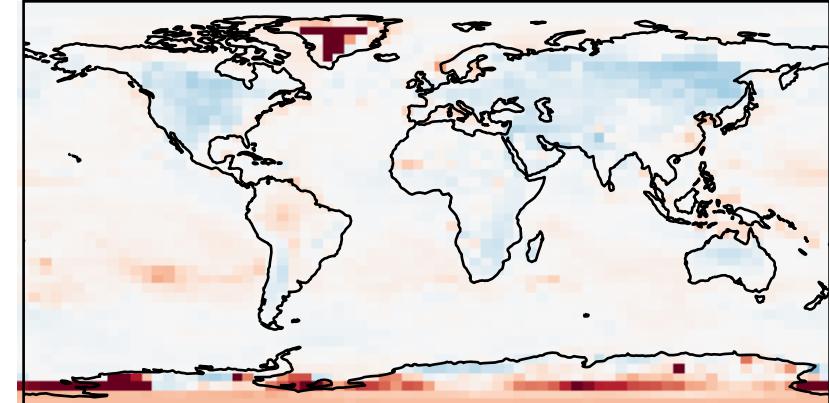
Difference  
Dev - Ref, Restricted Range [5%,95%]



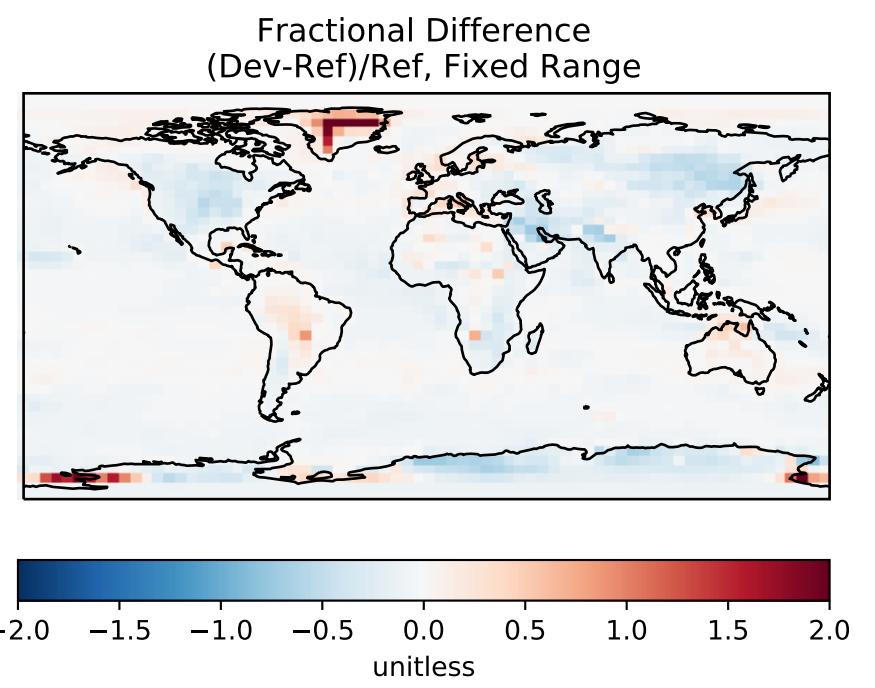
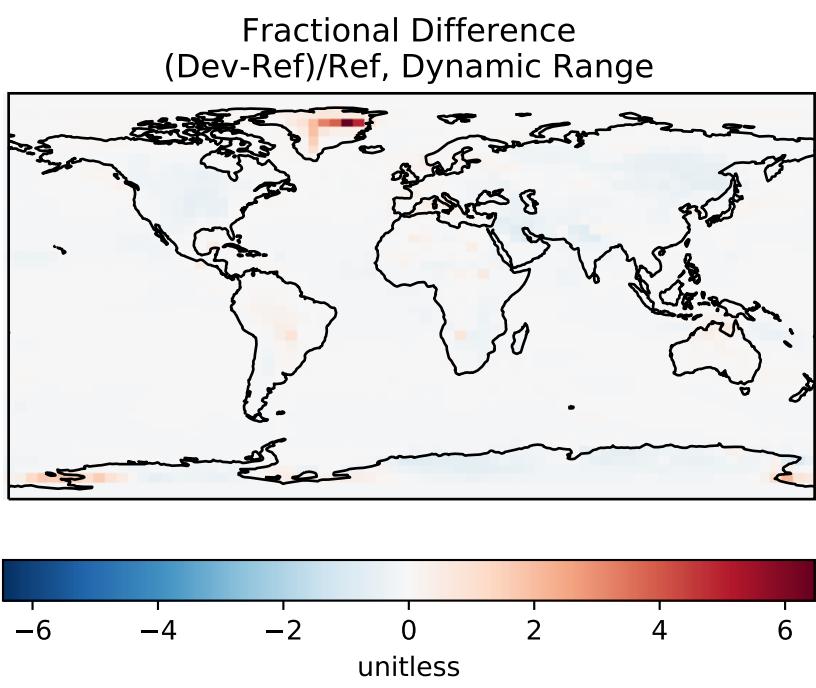
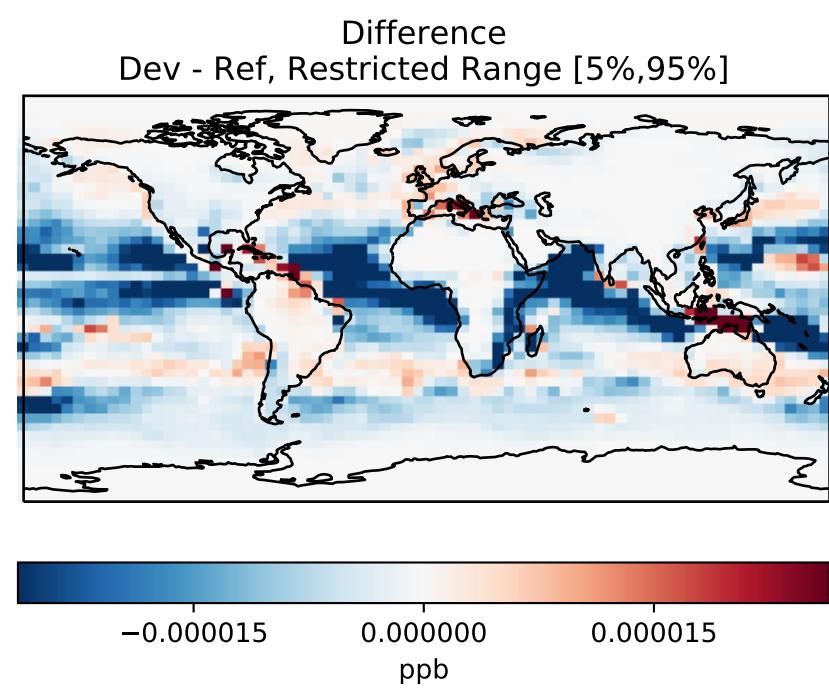
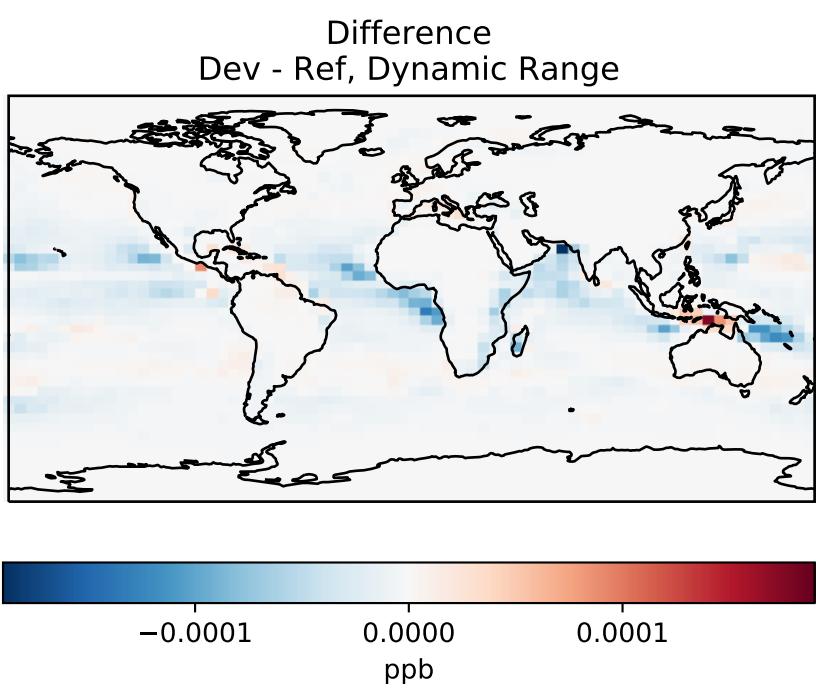
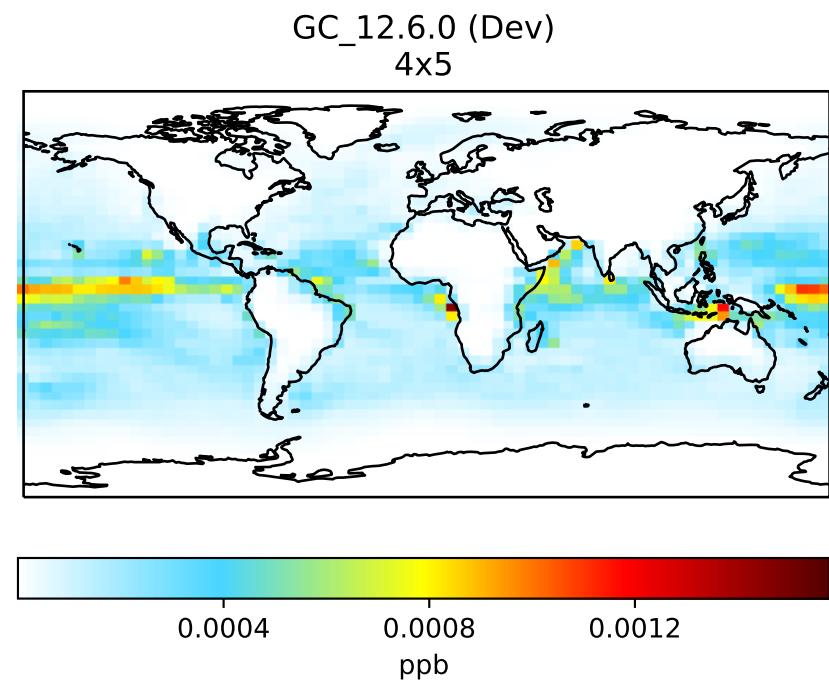
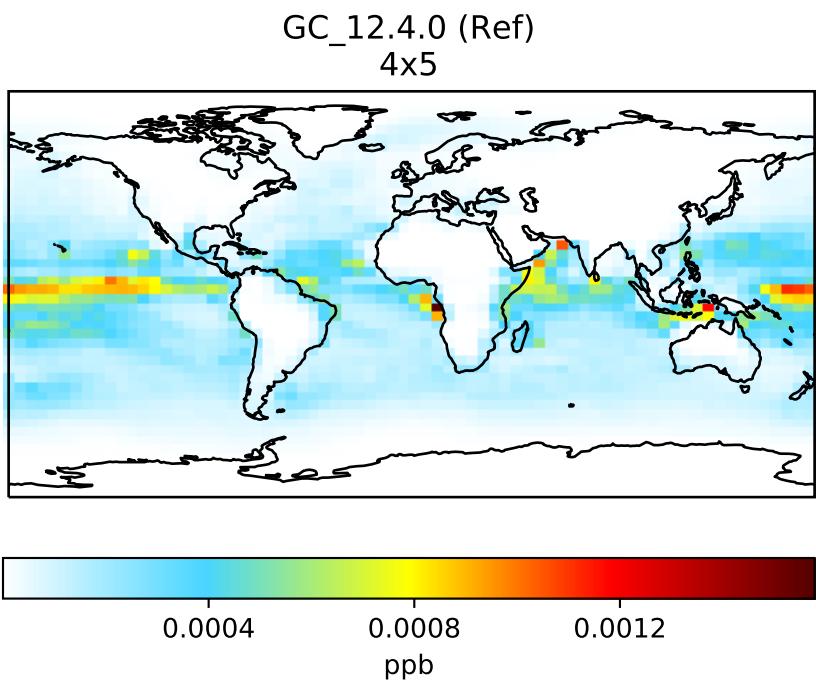
Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

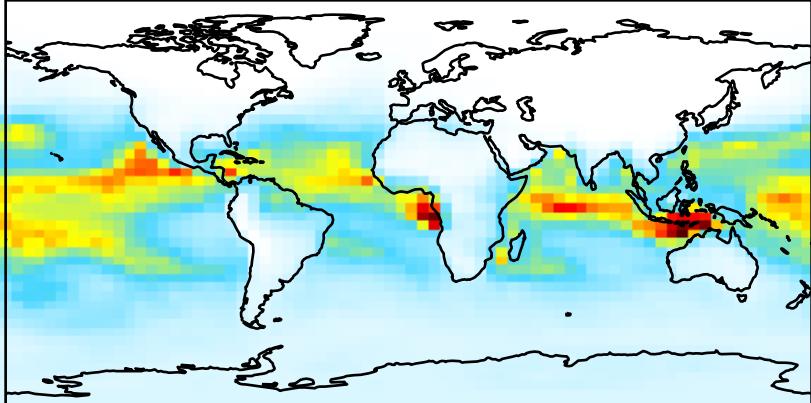


# SpeciesConc\_BrSALC

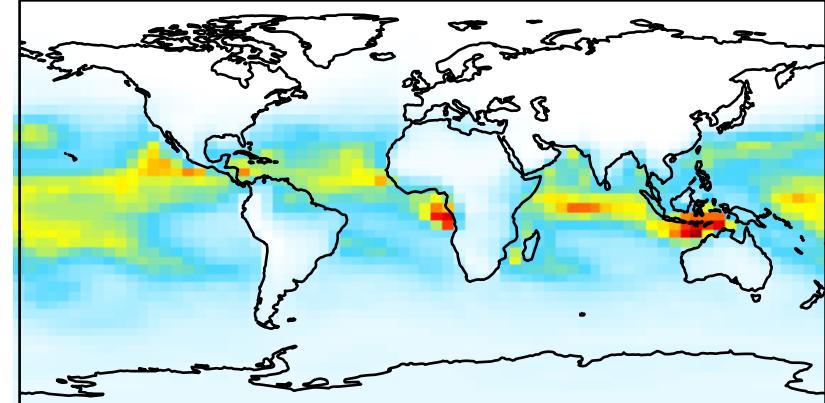


# SpeciesConc\_ISALA

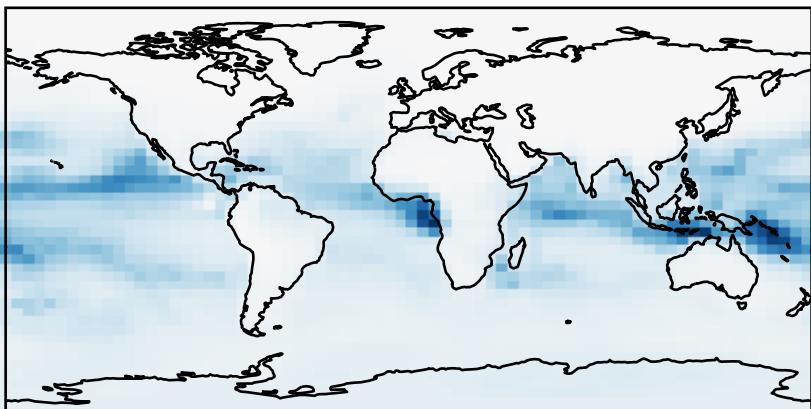
GC\_12.4.0 (Ref)  
4x5



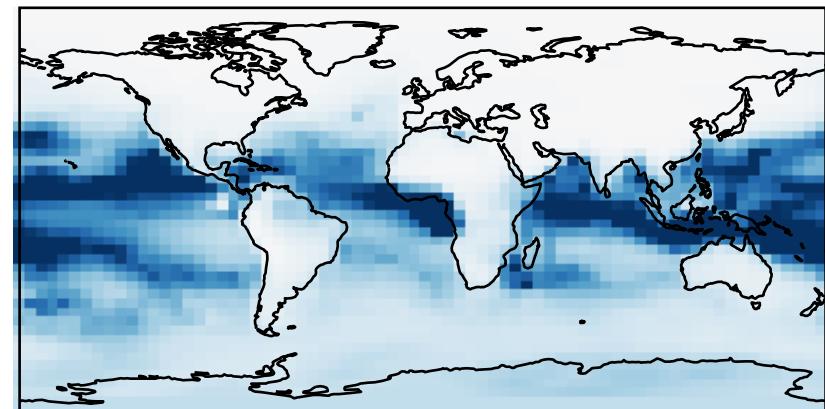
GC\_12.6.0 (Dev)  
4x5



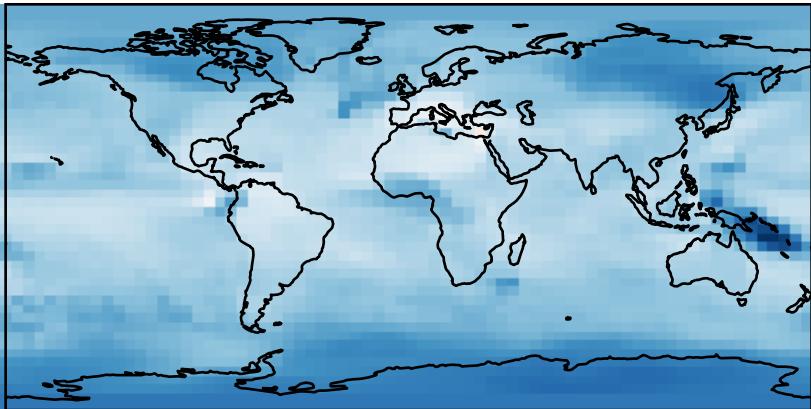
Difference  
Dev - Ref, Dynamic Range



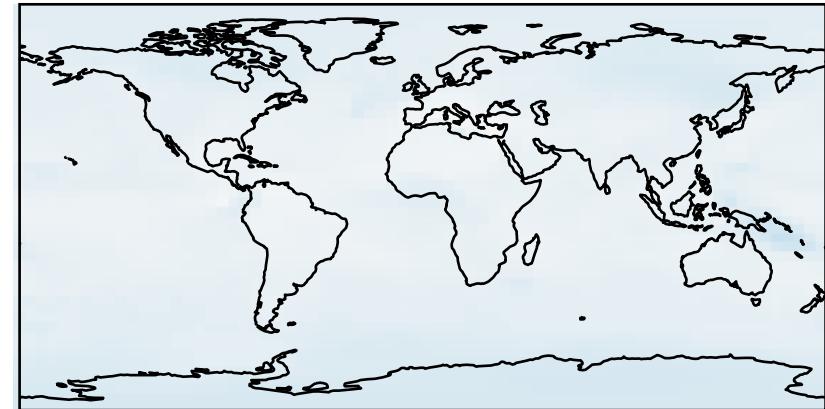
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

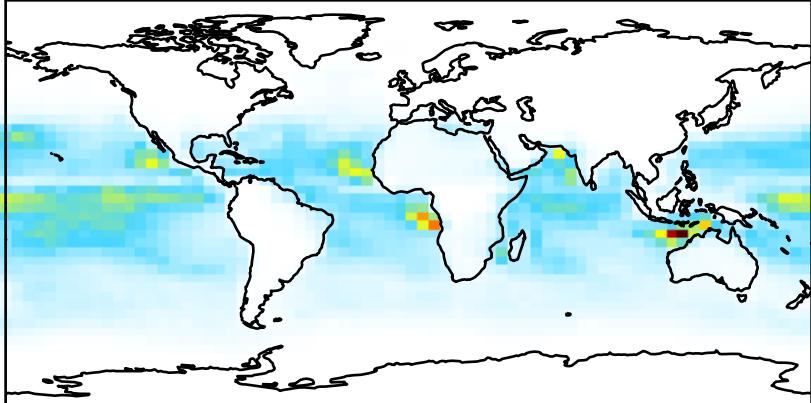


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

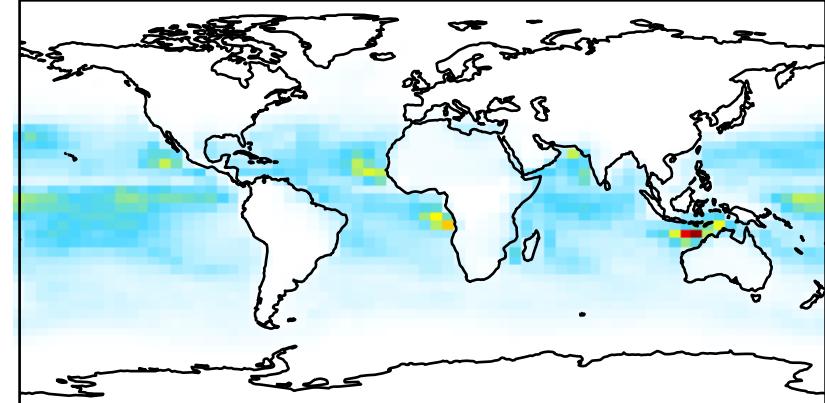


# SpeciesConc\_ISALC

GC\_12.4.0 (Ref)  
4x5



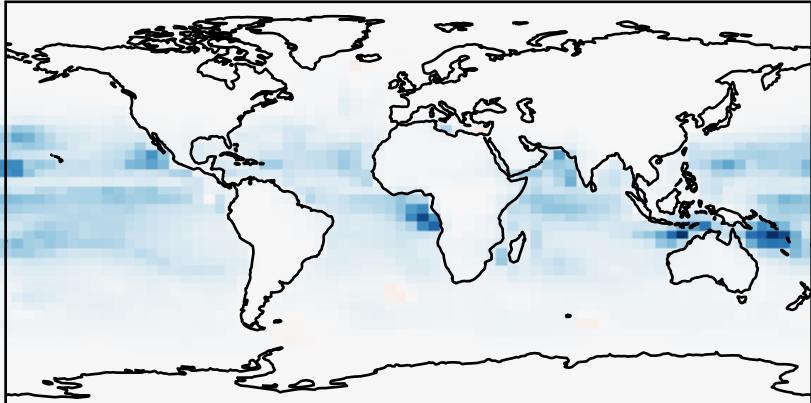
GC\_12.6.0 (Dev)  
4x5



0.0008      0.0016      0.0024  
ppb

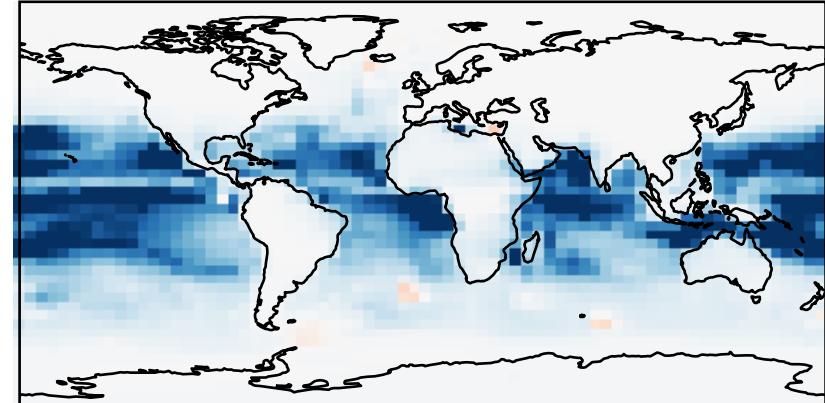
0.0008      0.0016      0.0024  
ppb

Difference  
Dev - Ref, Dynamic Range



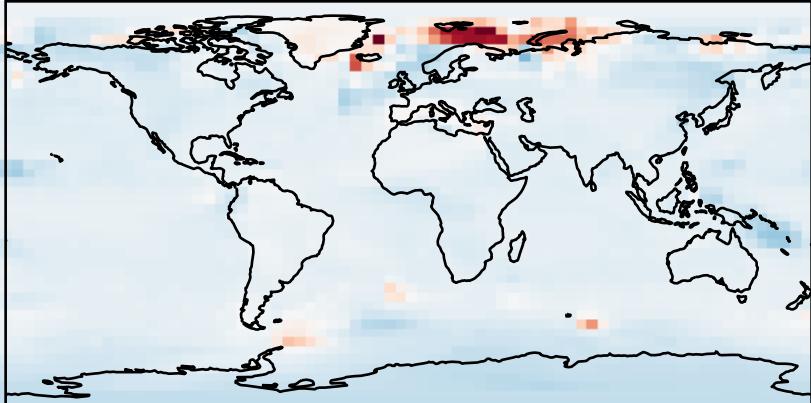
-0.00015      0.00000      0.00015  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



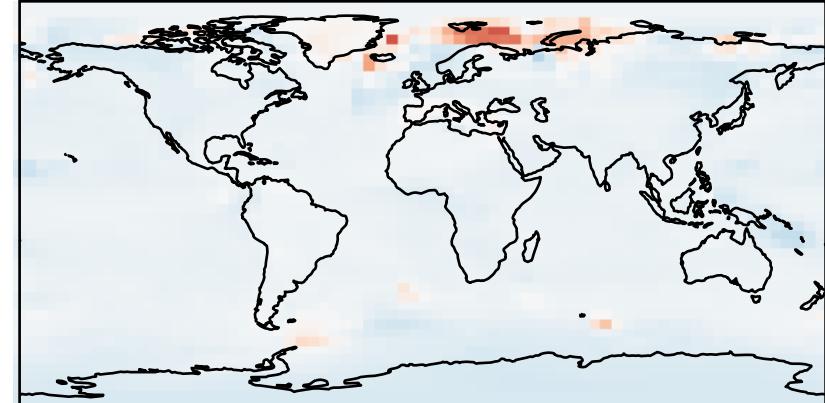
-0.00005      0.00000      0.00005  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



-1.0      -0.5      0.0      0.5      1.0  
unitless

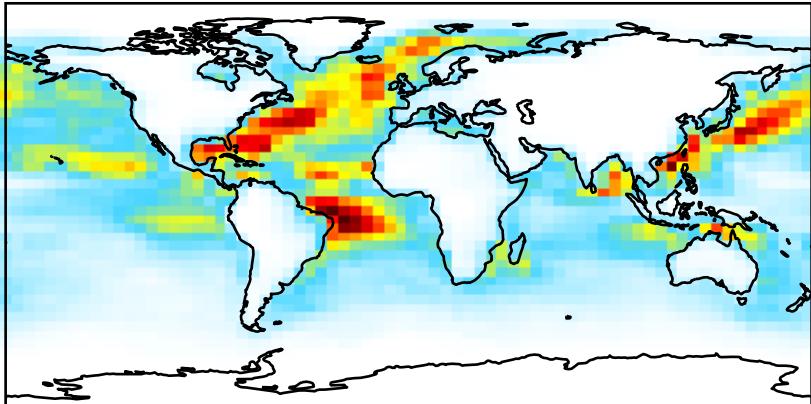
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



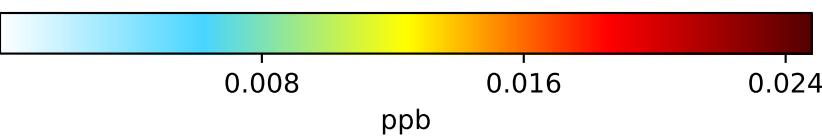
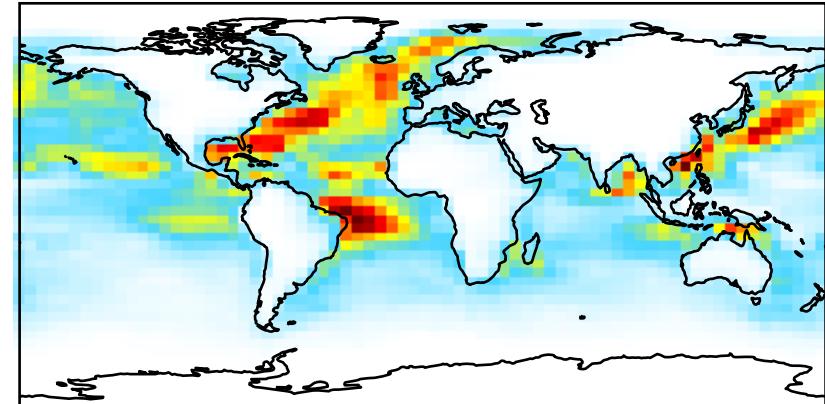
-2.0      -1.5      -1.0      -0.5      0.0      0.5      1.0      1.5      2.0  
unitless

# SpeciesConc\_NITs

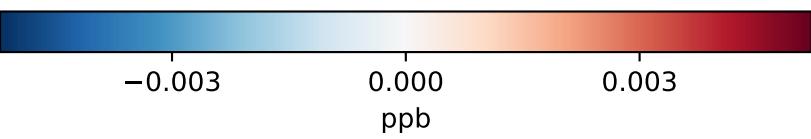
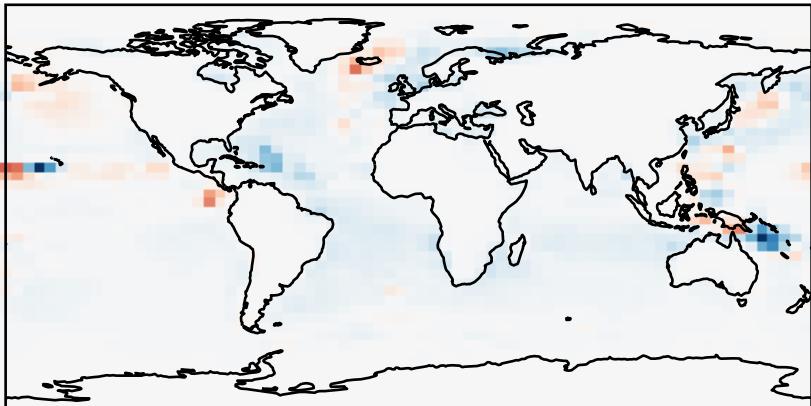
GC\_12.4.0 (Ref)  
4x5



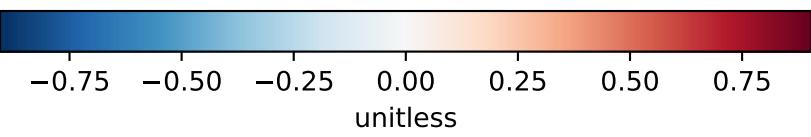
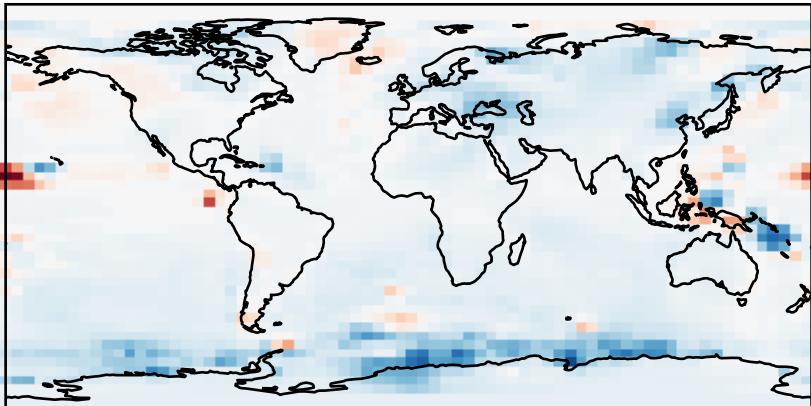
GC\_12.6.0 (Dev)  
4x5



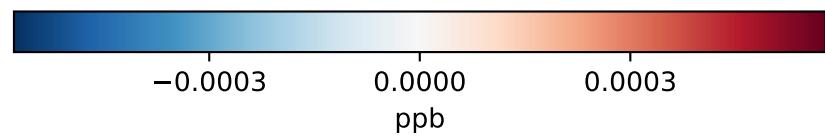
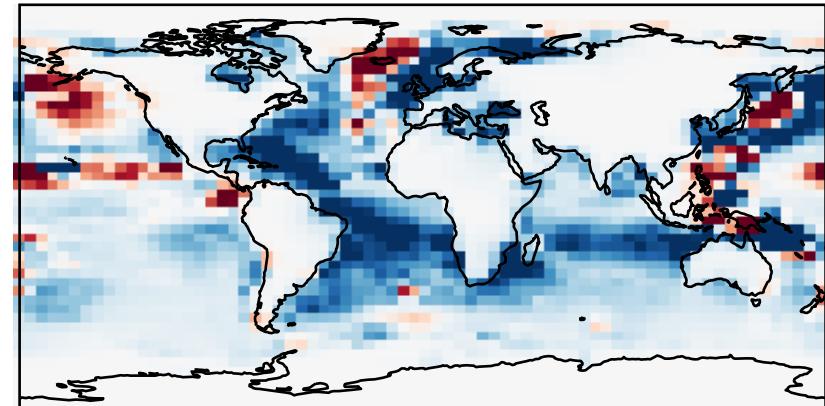
Difference  
Dev - Ref, Dynamic Range



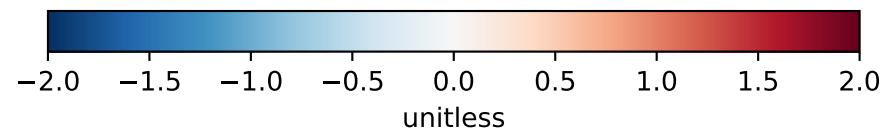
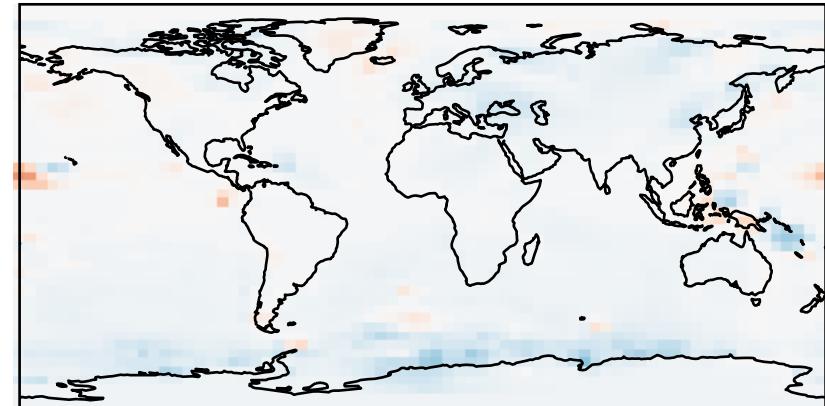
Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Difference  
Dev - Ref, Restricted Range [5%,95%]

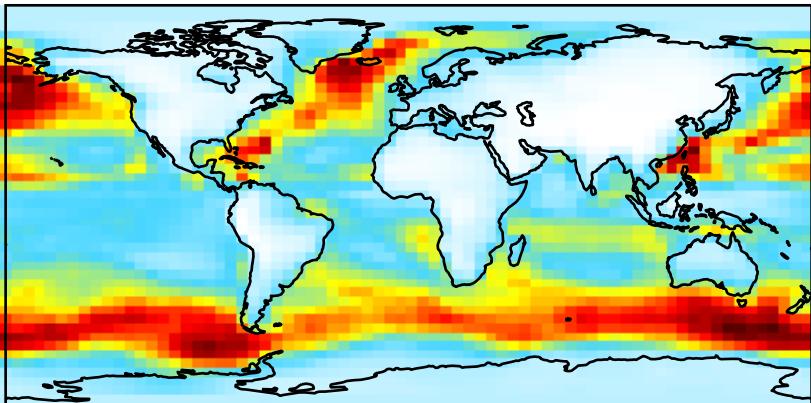


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

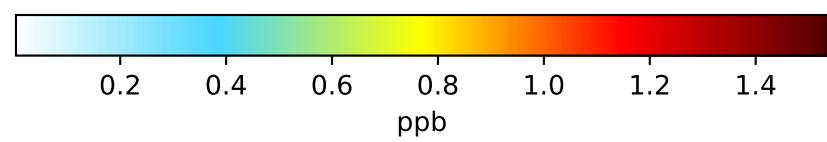
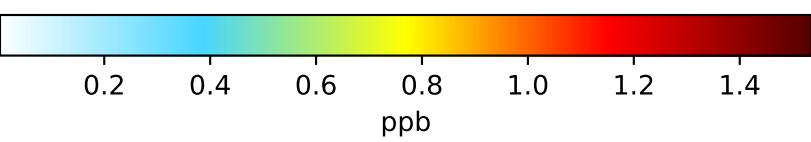
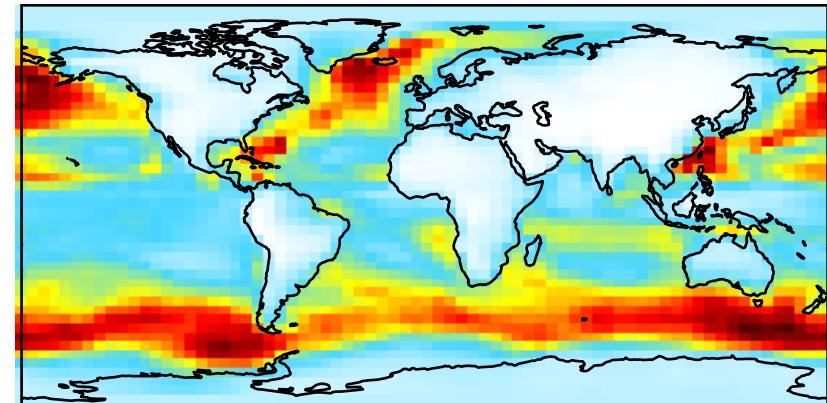


# SpeciesConc\_SALA

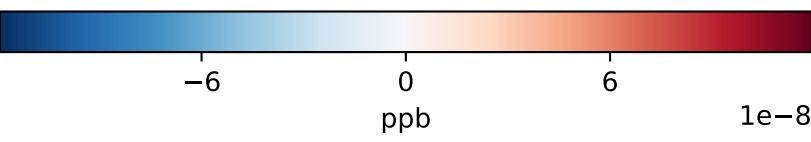
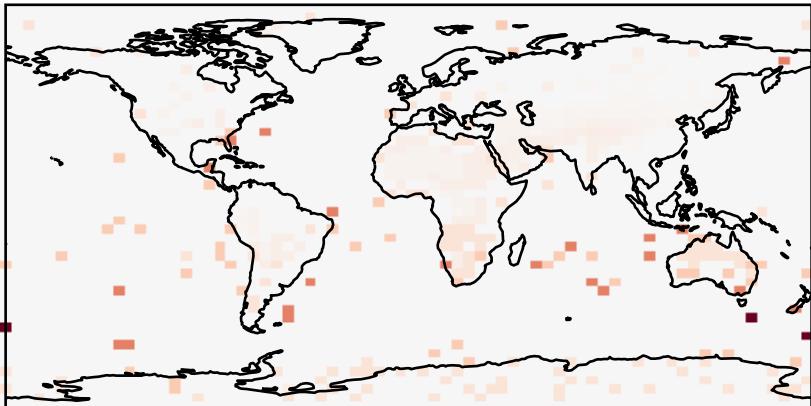
GC\_12.4.0 (Ref)  
4x5



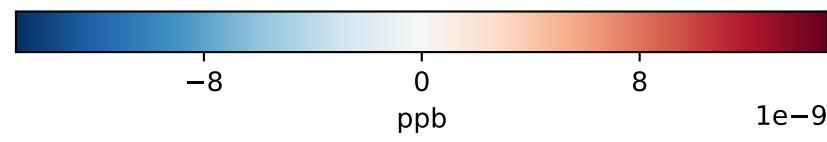
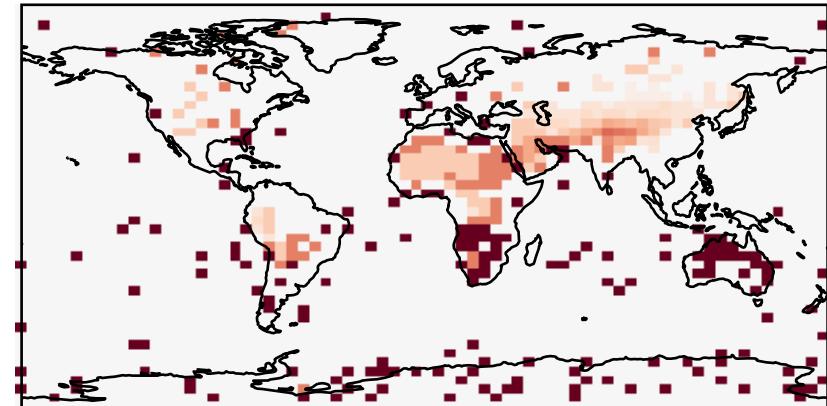
GC\_12.6.0 (Dev)  
4x5



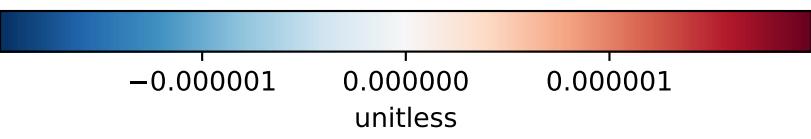
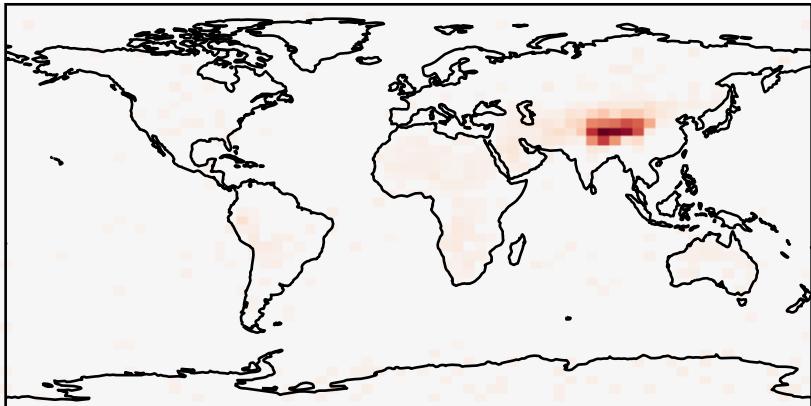
Difference  
Dev - Ref, Dynamic Range



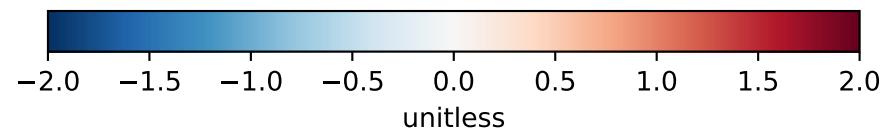
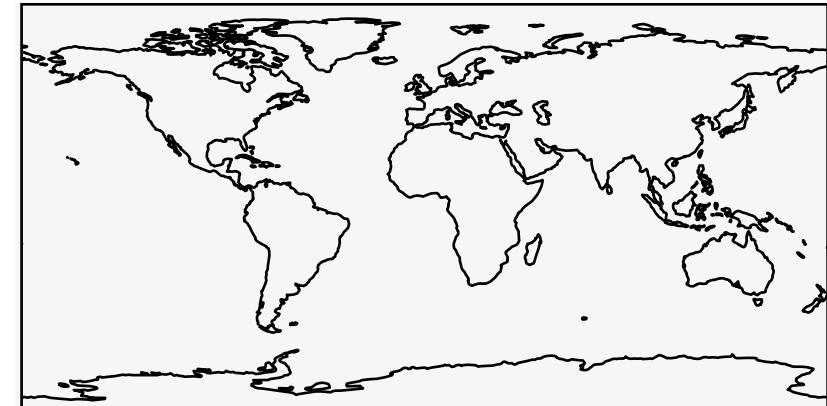
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

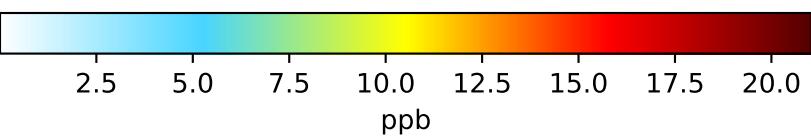
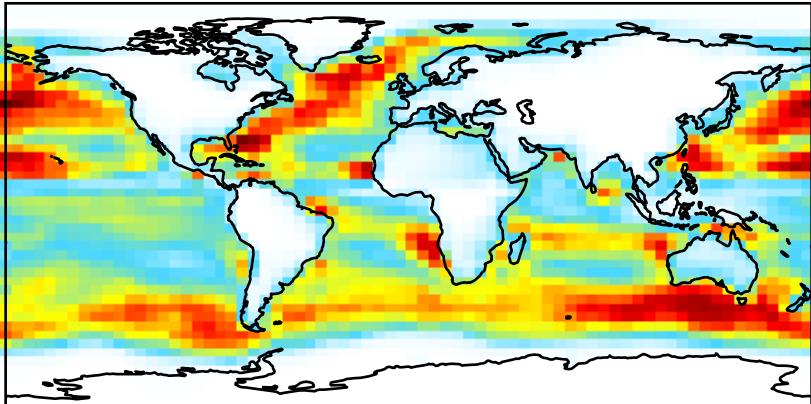


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

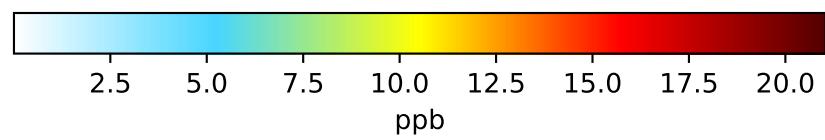
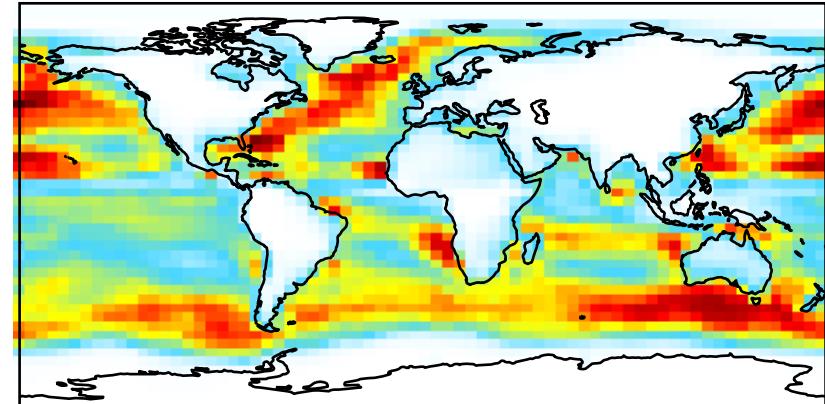


# SpeciesConc\_SALC

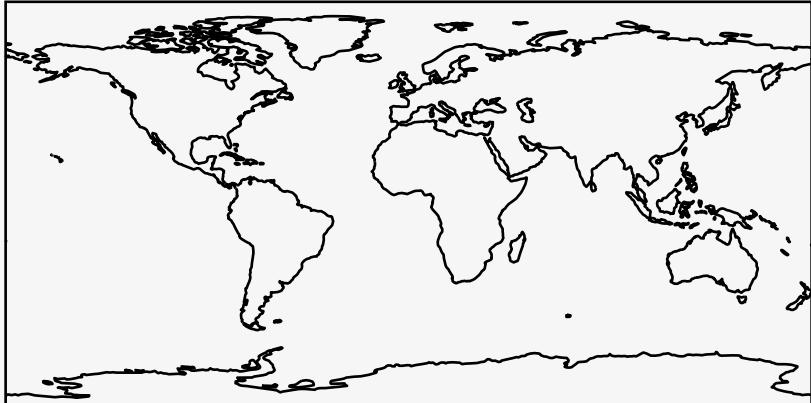
GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5

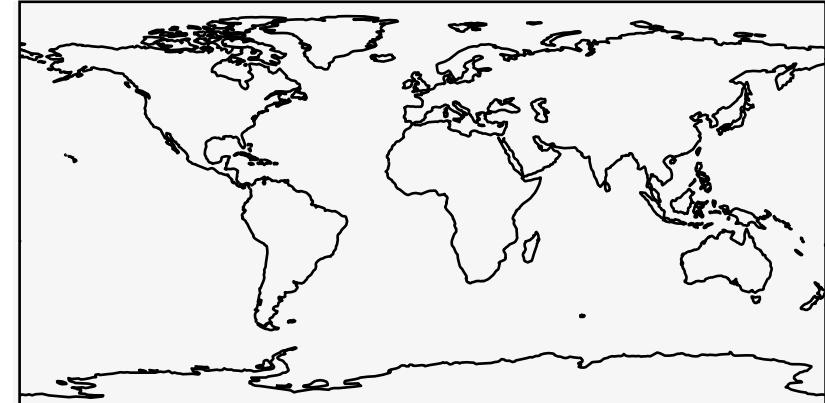


Difference  
Dev - Ref, Dynamic Range



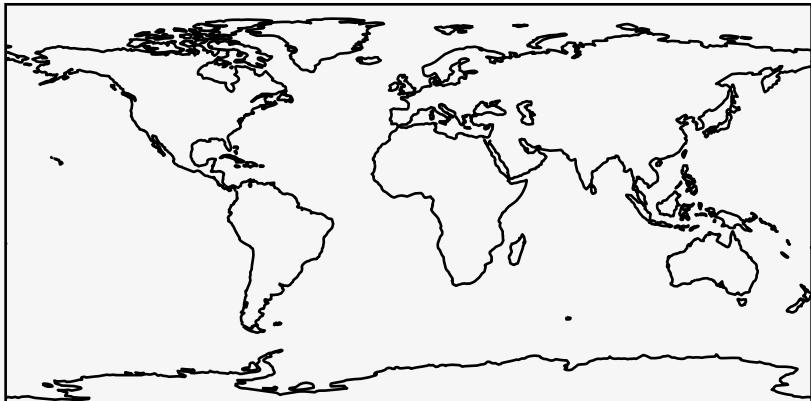
Zero throughout domain  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



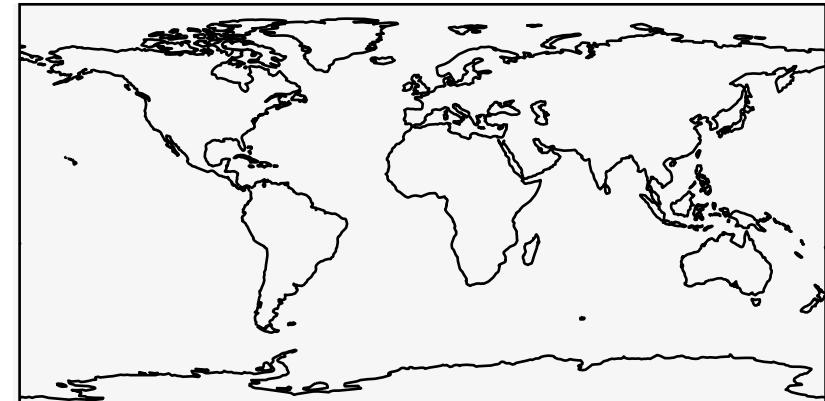
Zero throughout domain  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain  
unitless

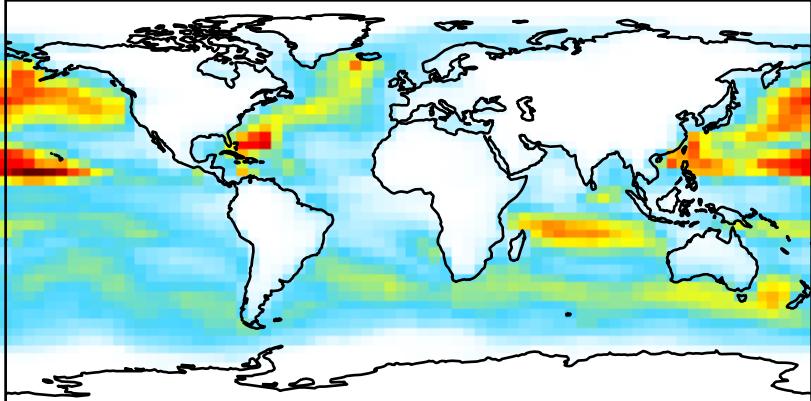
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



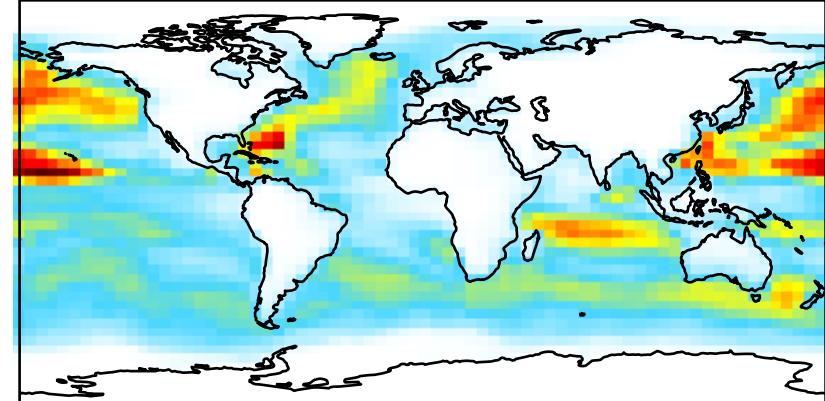
Zero throughout domain  
unitless

# SpeciesConc\_SO4s

GC\_12.4.0 (Ref)  
4x5



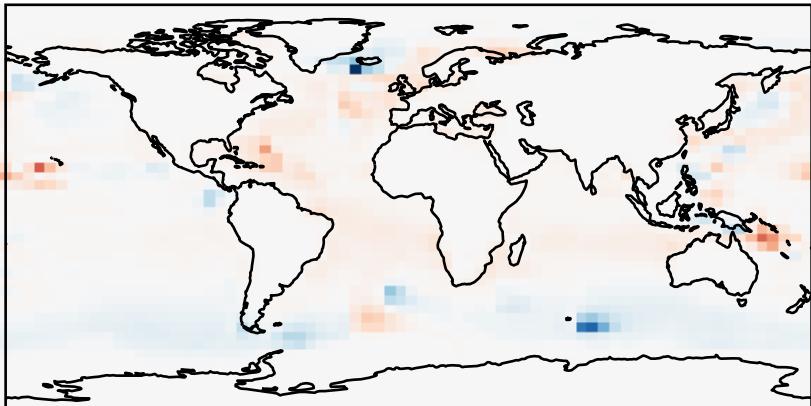
GC\_12.6.0 (Dev)  
4x5



0.008 0.016 0.024  
ppb

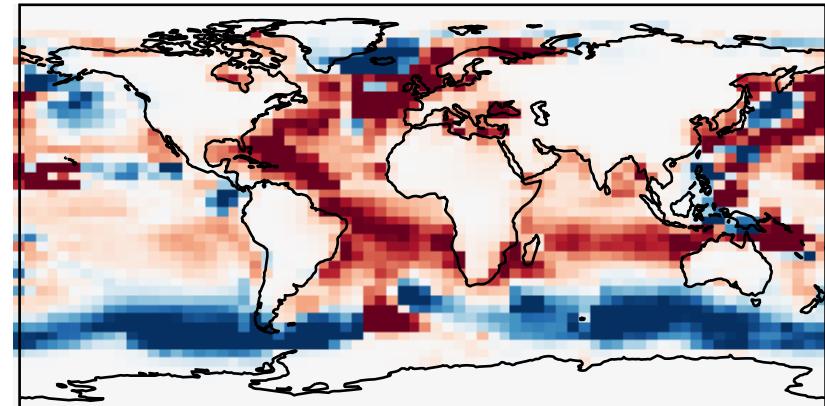
0.008 0.016 0.024  
ppb

Difference  
Dev - Ref, Dynamic Range



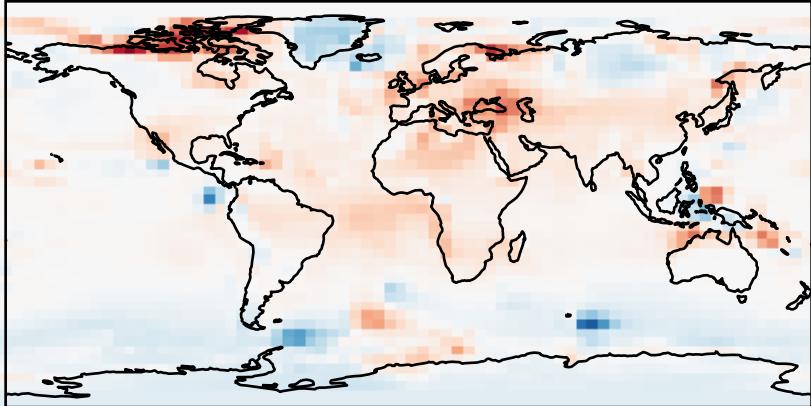
-0.0025 0.0000 0.0025  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



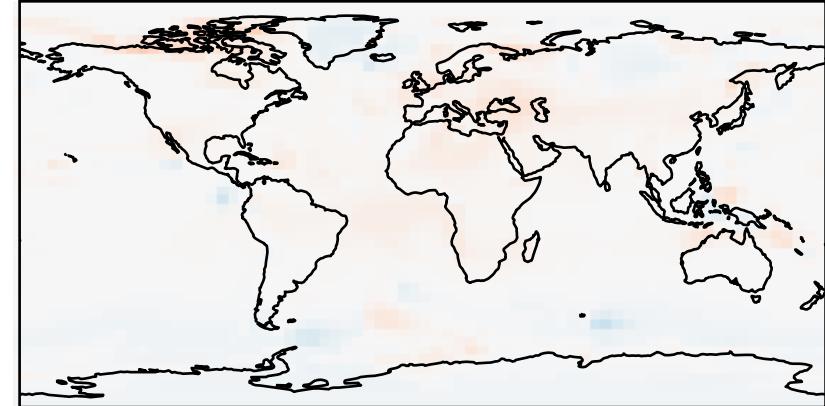
-0.0002 0.0000 0.0002  
ppb

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



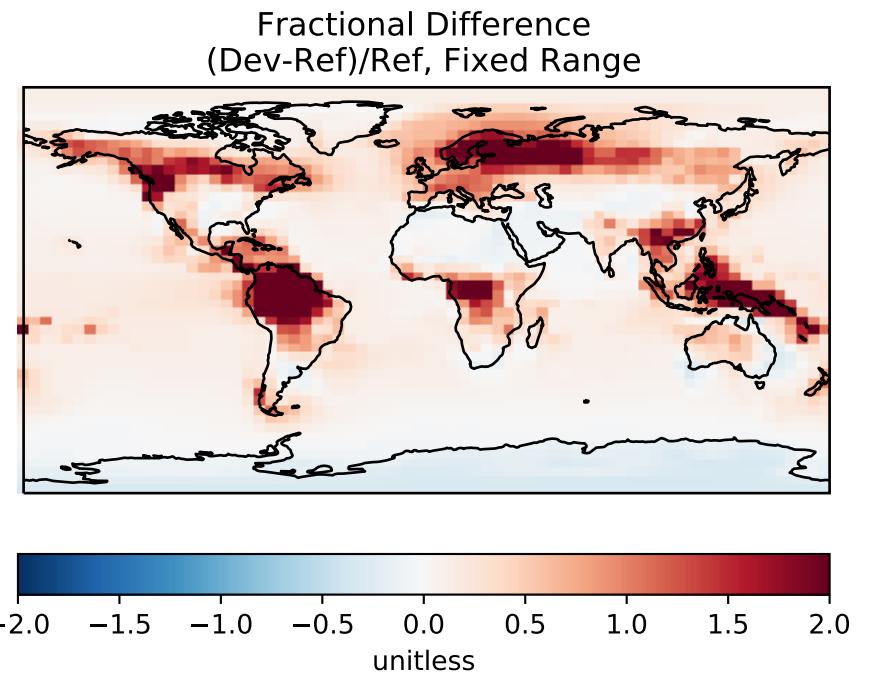
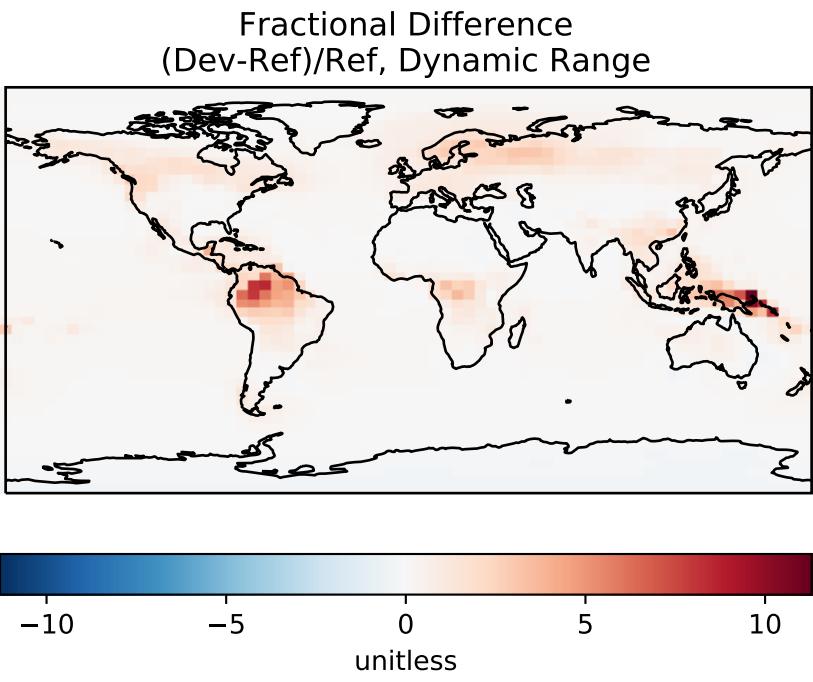
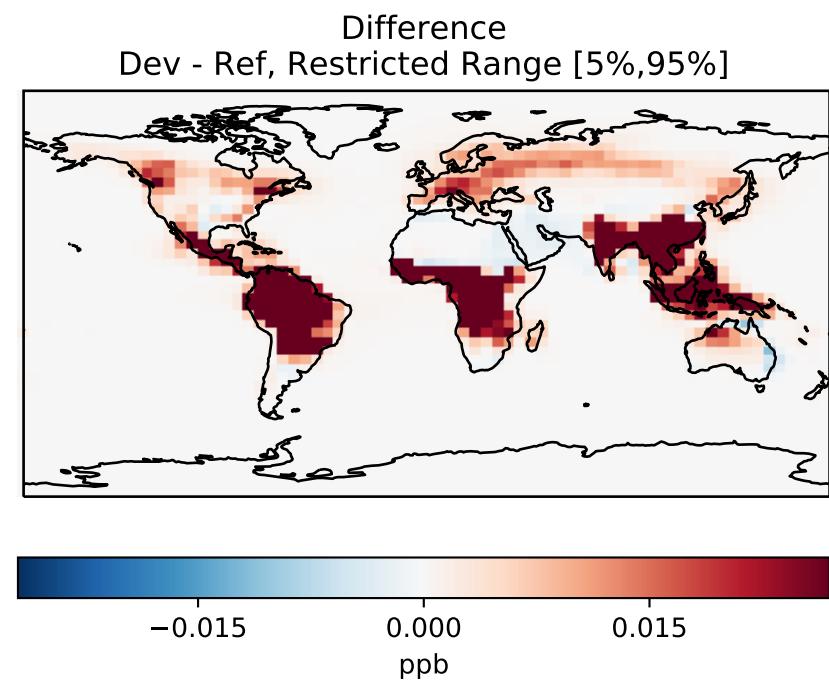
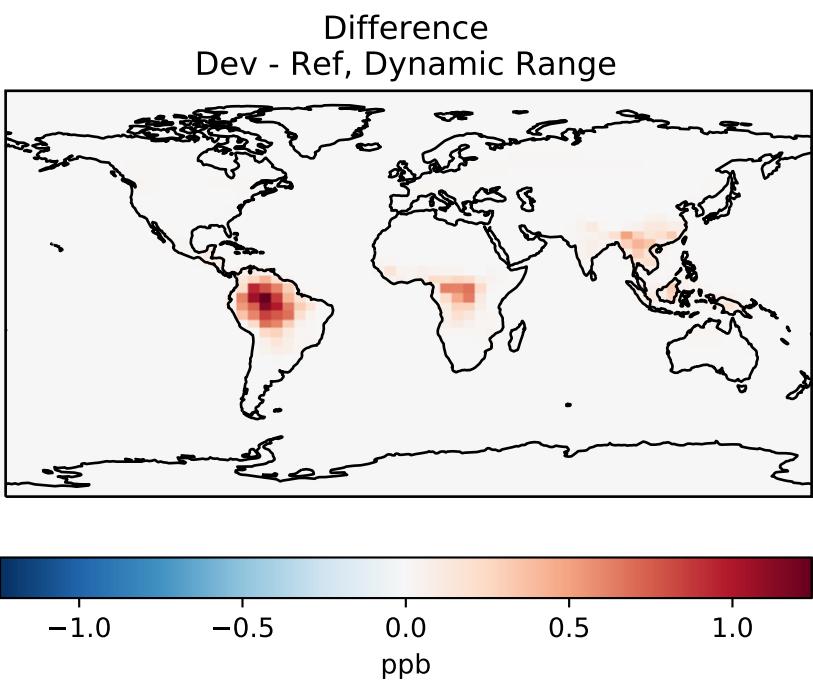
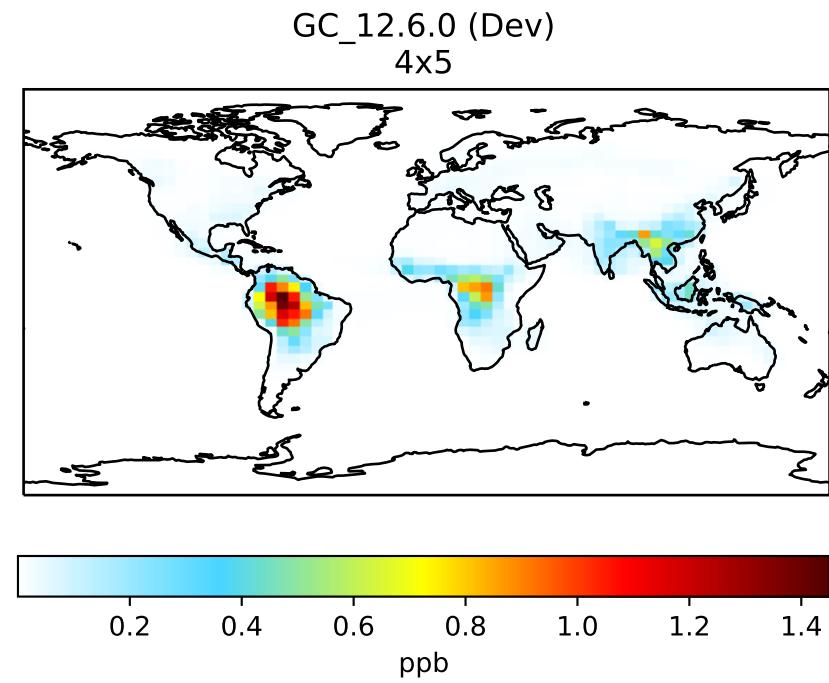
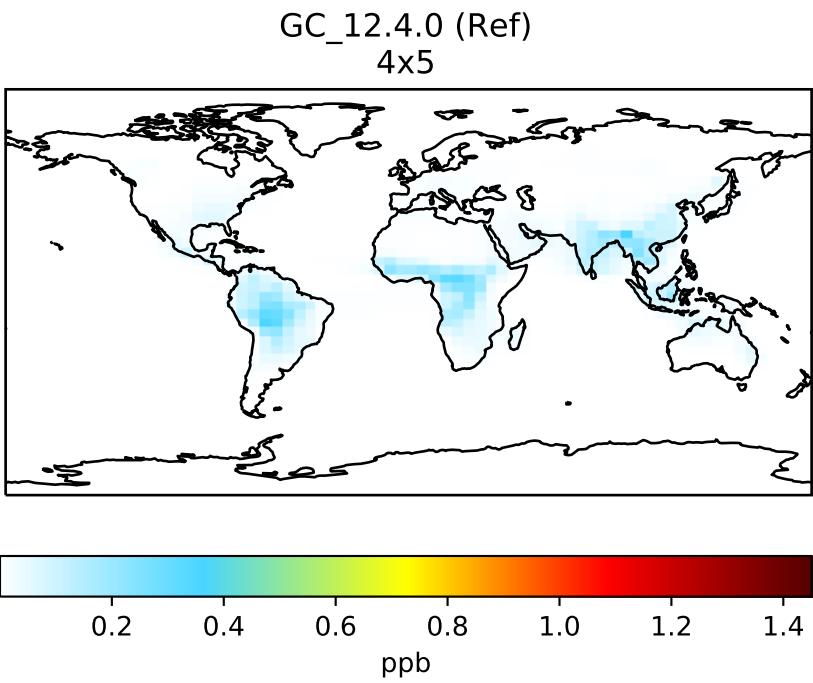
-0.4 -0.2 0.0 0.2 0.4  
unitless

Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



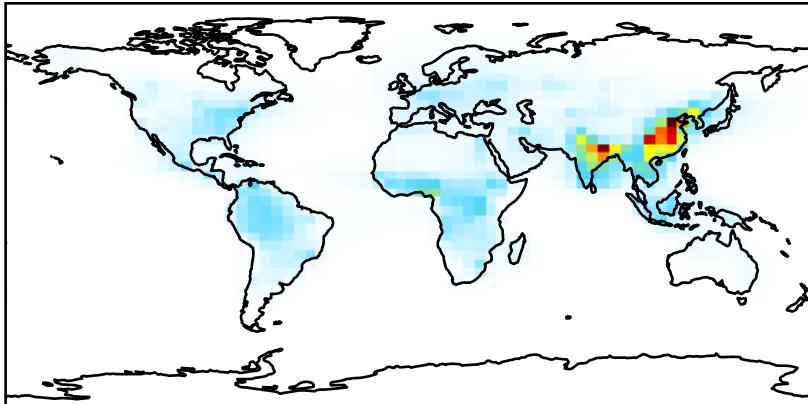
-2.0 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0  
unitless

# SpeciesConc\_Complex\_SOA

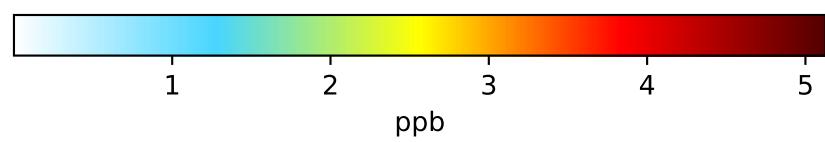
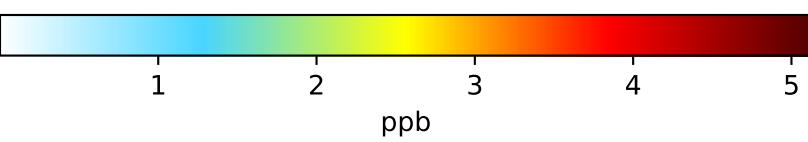
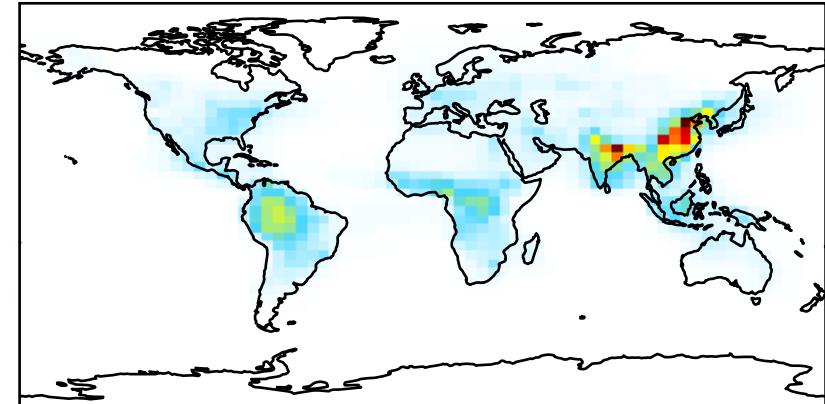


# SpeciesConc\_Simple\_SOA

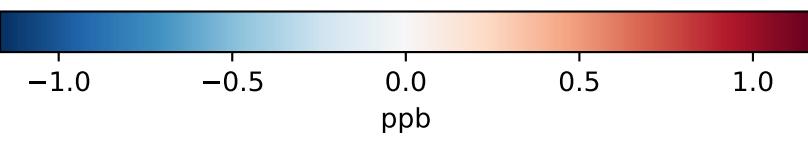
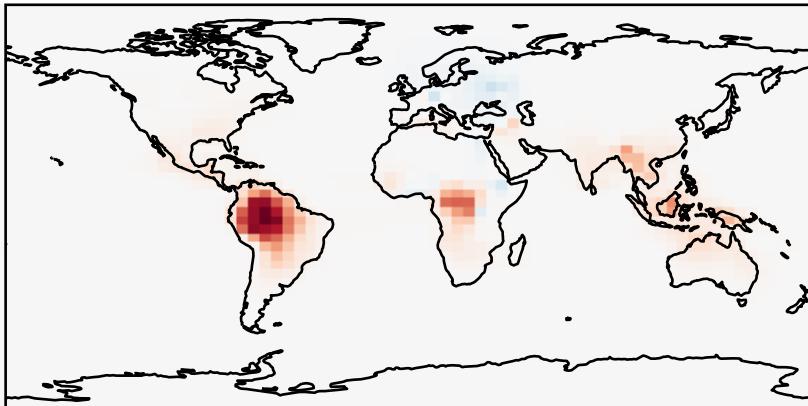
GC\_12.4.0 (Ref)  
4x5



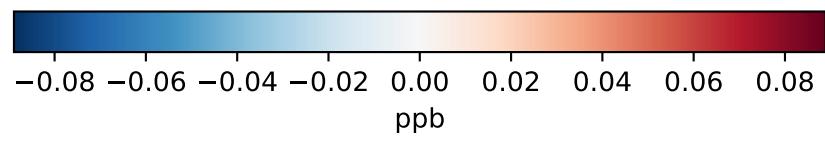
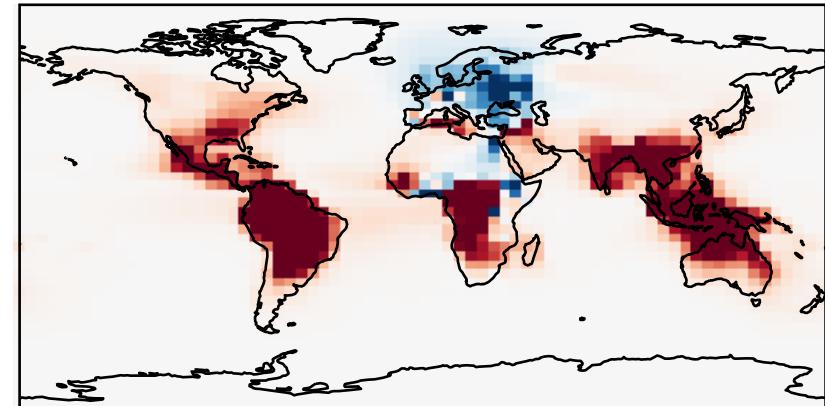
GC\_12.6.0 (Dev)  
4x5



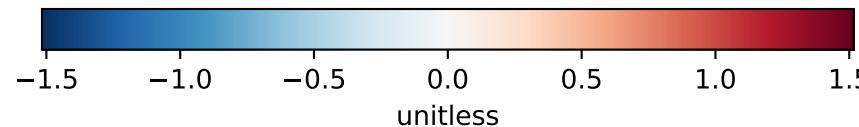
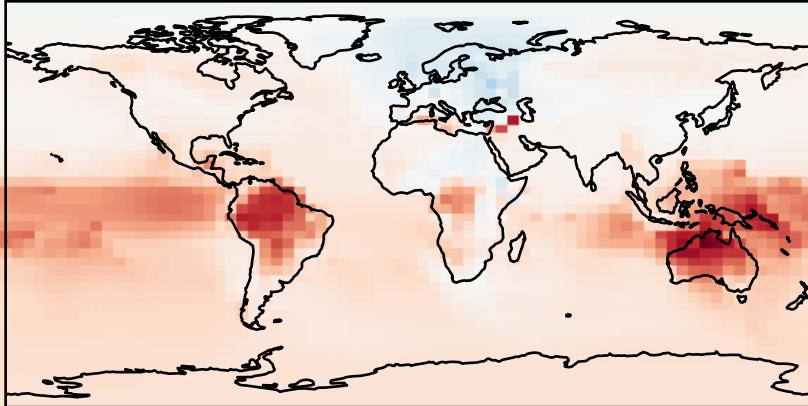
Difference  
Dev - Ref, Dynamic Range



Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

