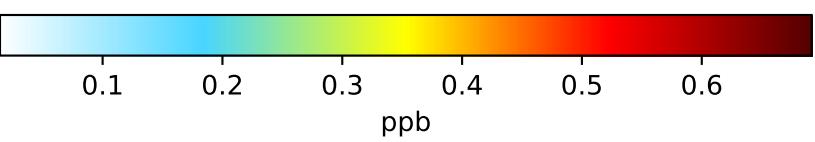
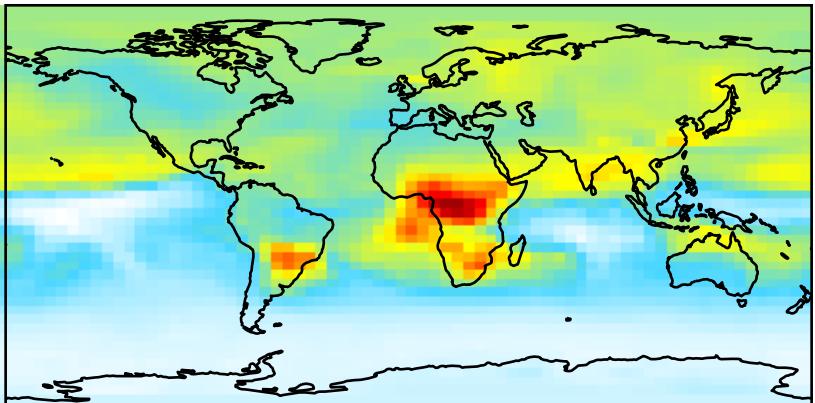
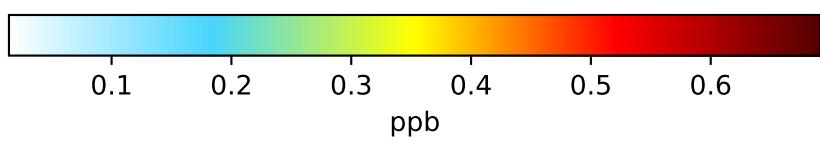
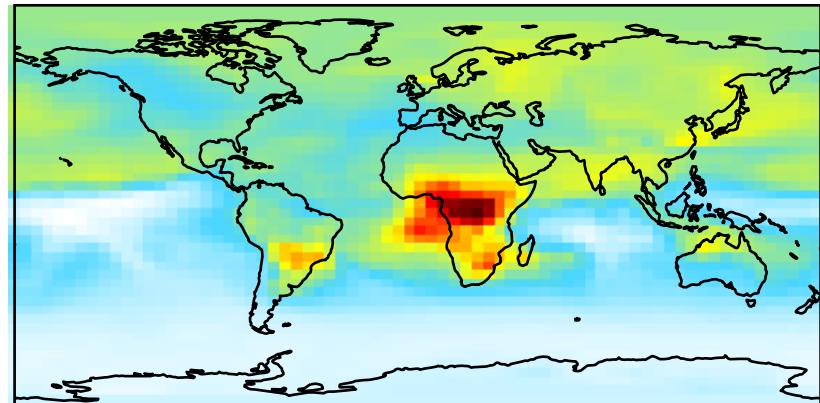


# SpeciesConc\_NOy

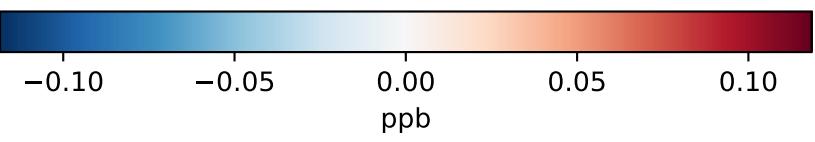
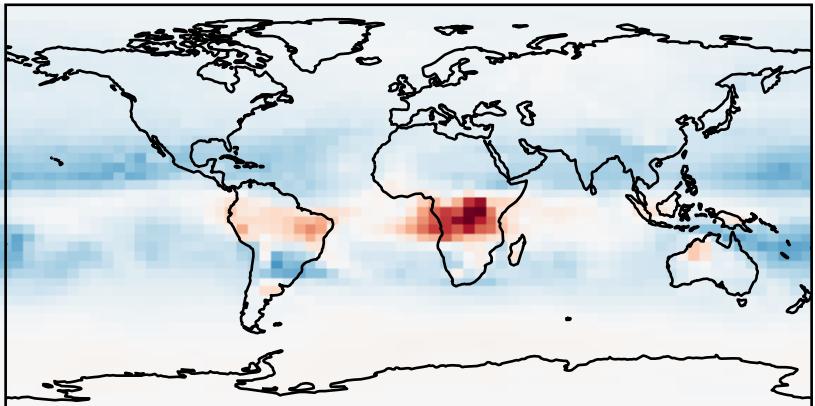
GC\_12.0.0 (Ref)  
4x5



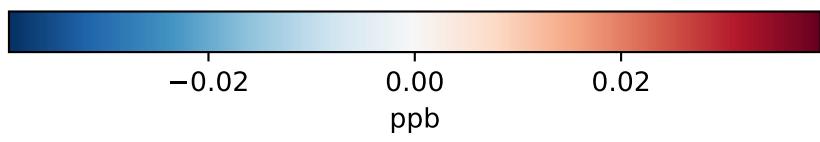
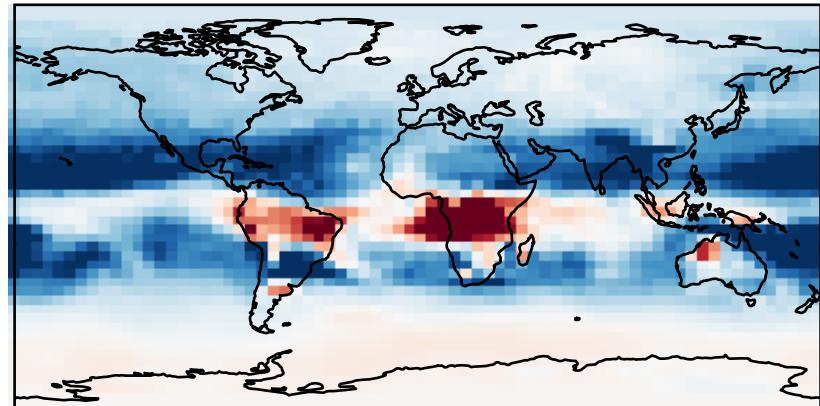
GC\_12.4.0 (Dev)  
4x5



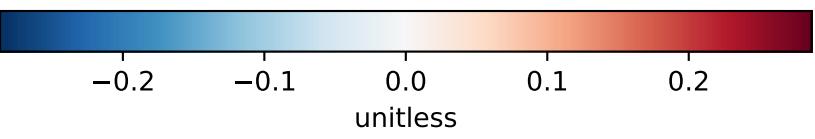
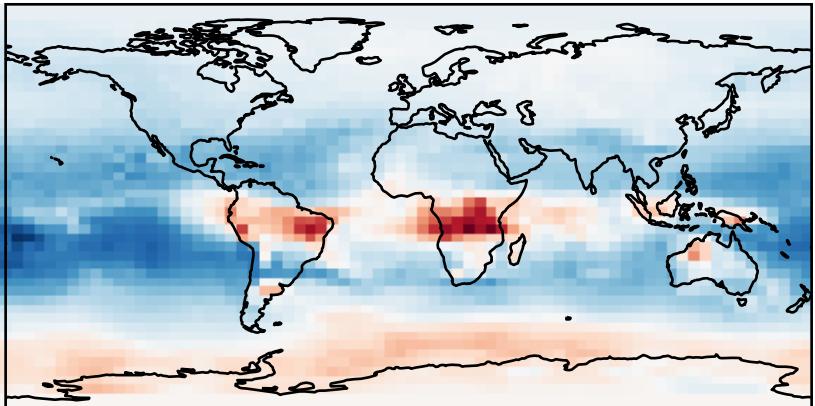
Difference  
Dev - Ref, Dynamic Range



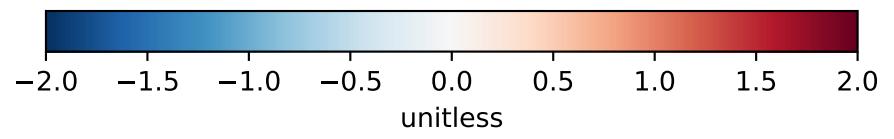
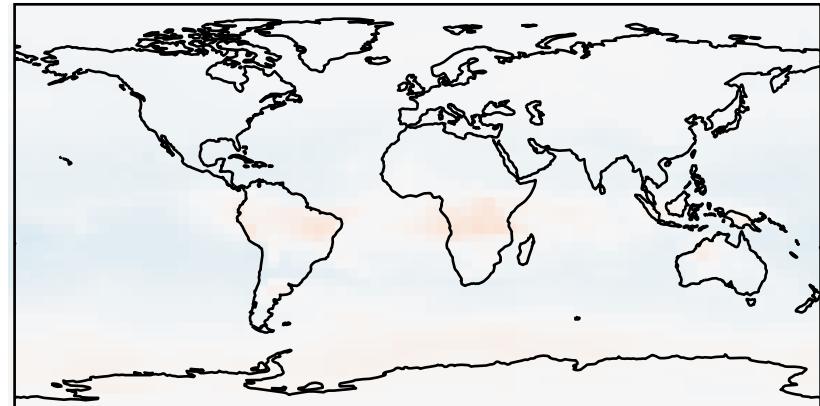
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

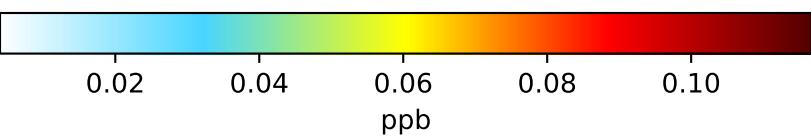
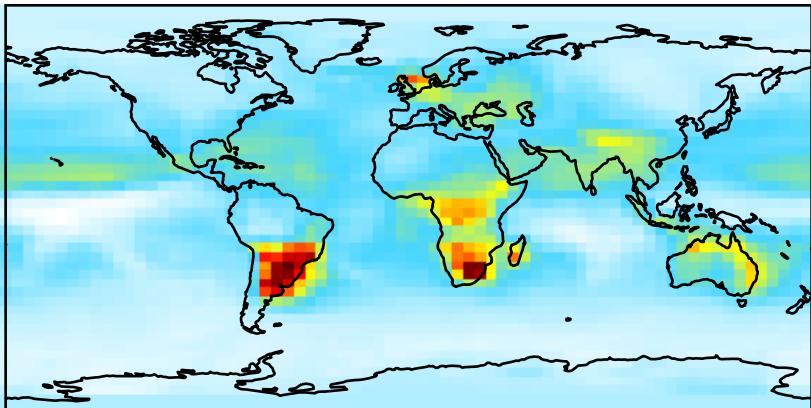


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

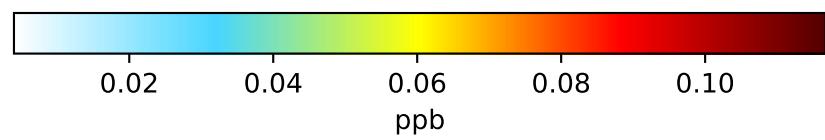
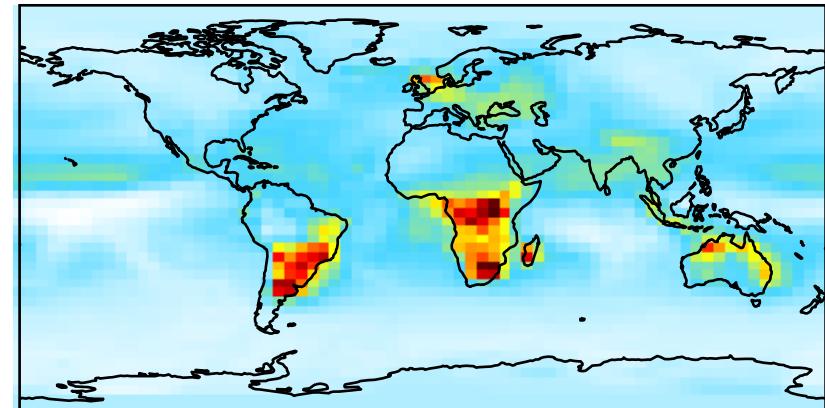


# SpeciesConc\_NOx

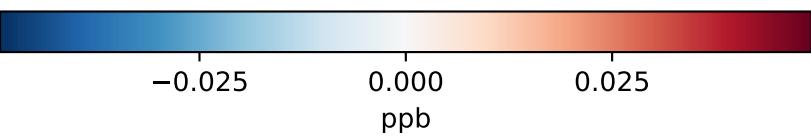
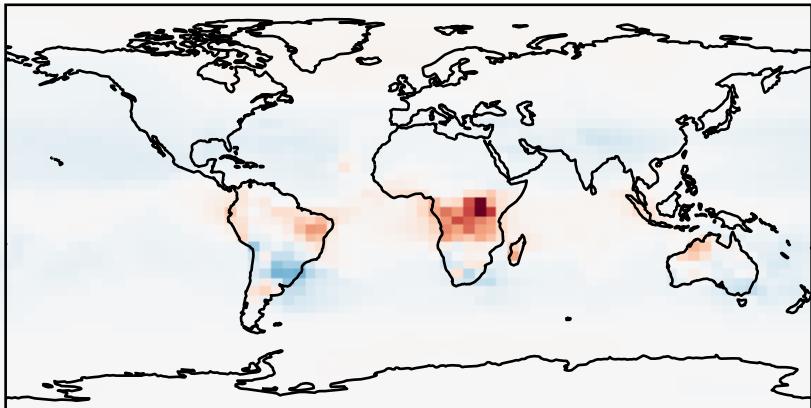
GC\_12.0.0 (Ref)  
4x5



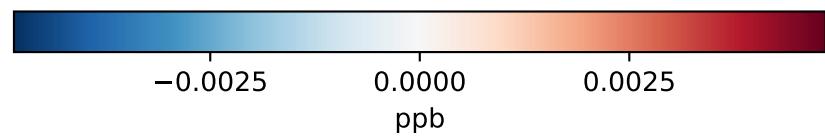
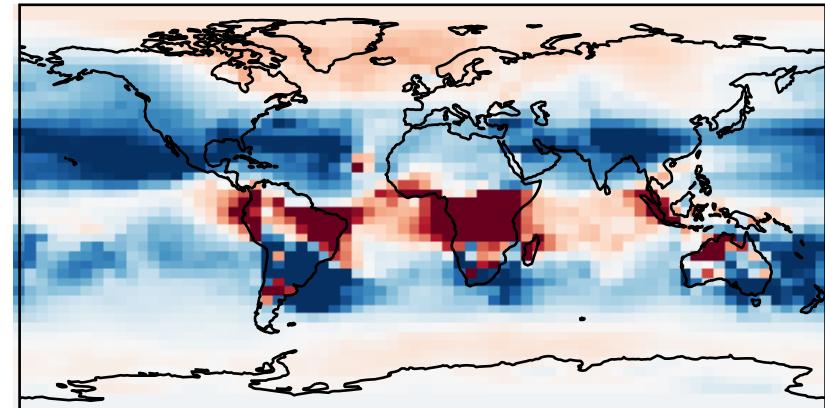
GC\_12.4.0 (Dev)  
4x5



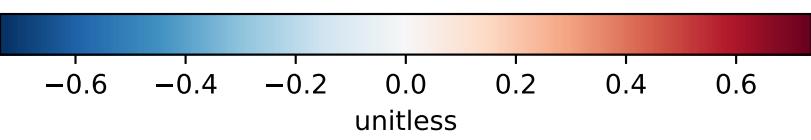
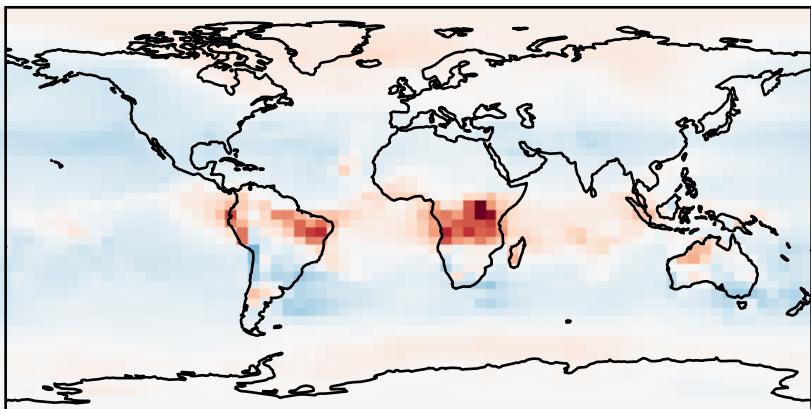
Difference  
Dev - Ref, Dynamic Range



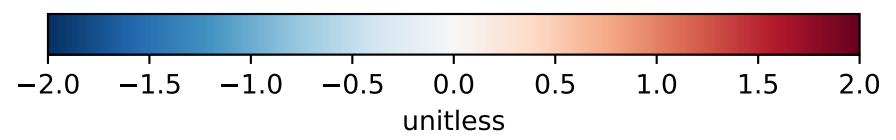
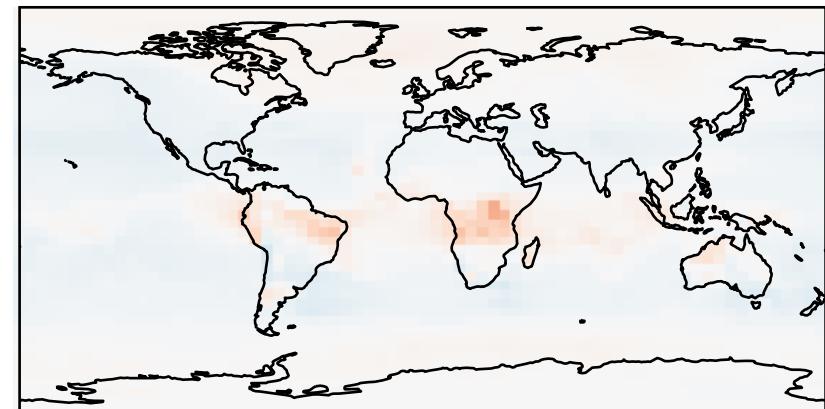
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

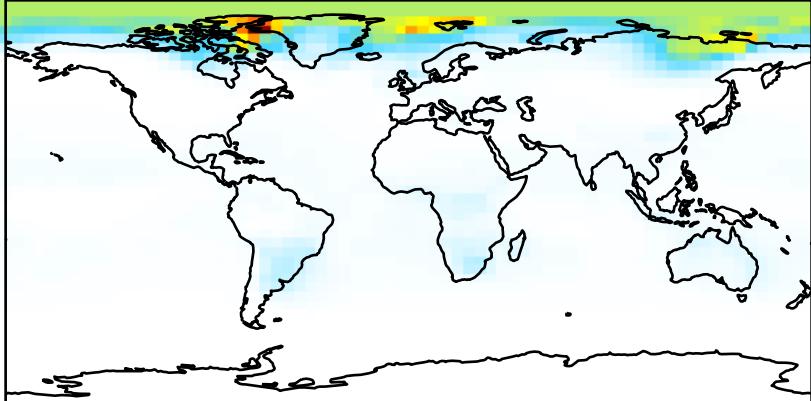


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

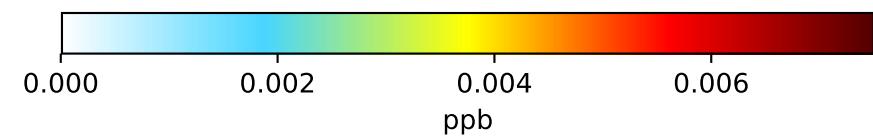
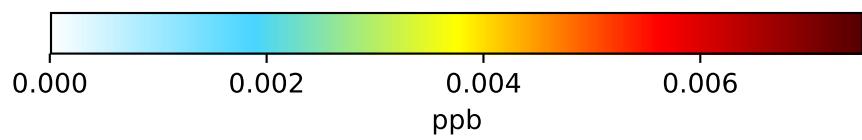
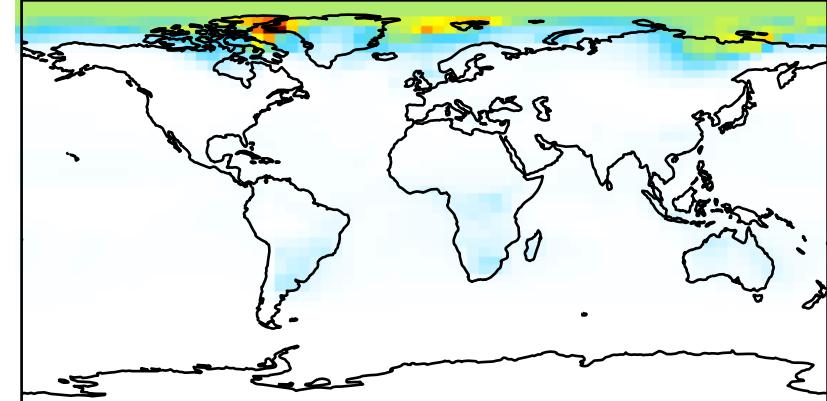


# SpeciesConc\_HNO2

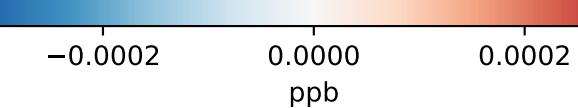
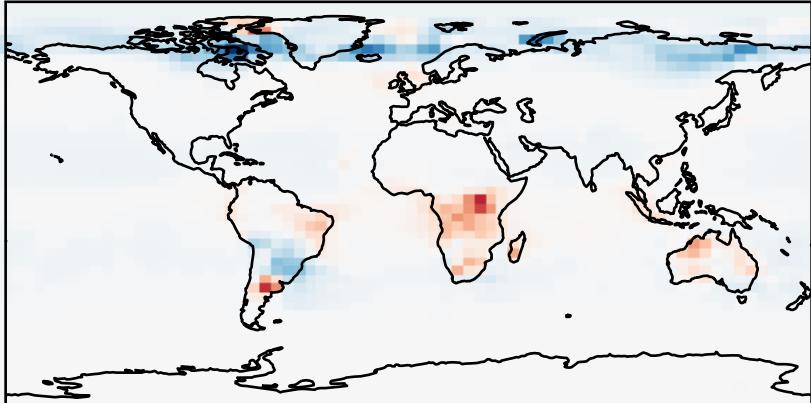
GC\_12.0.0 (Ref)  
4x5



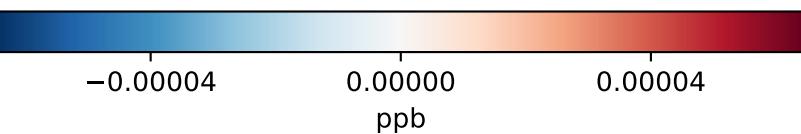
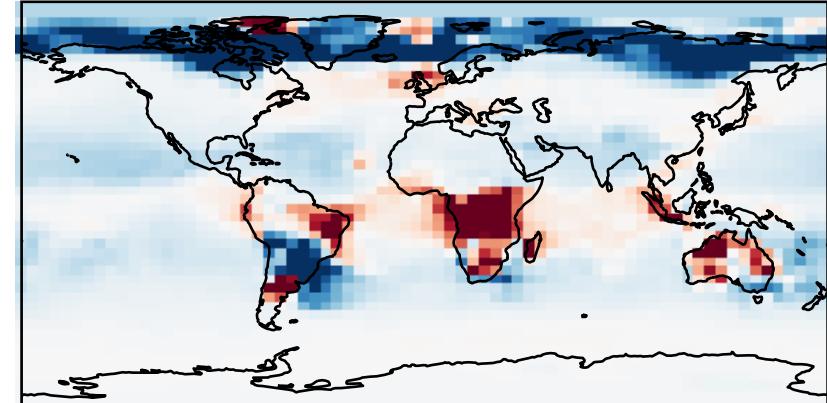
GC\_12.4.0 (Dev)  
4x5



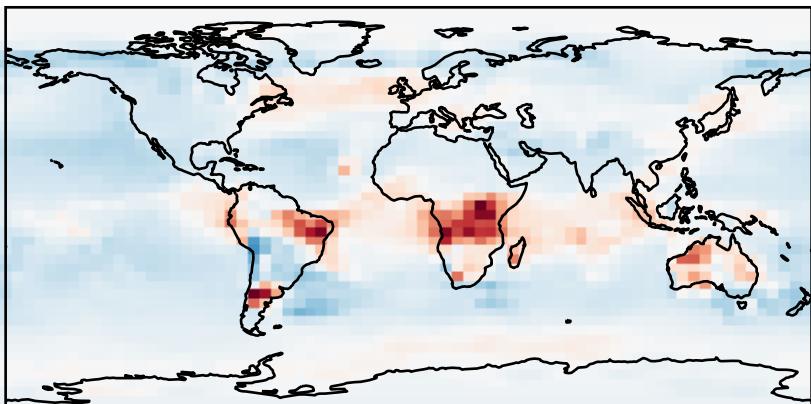
Difference  
Dev - Ref, Dynamic Range



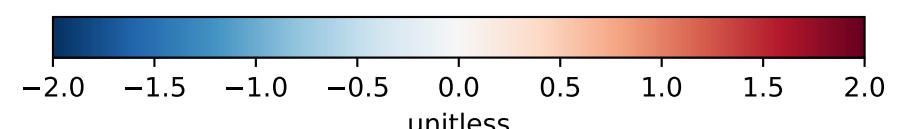
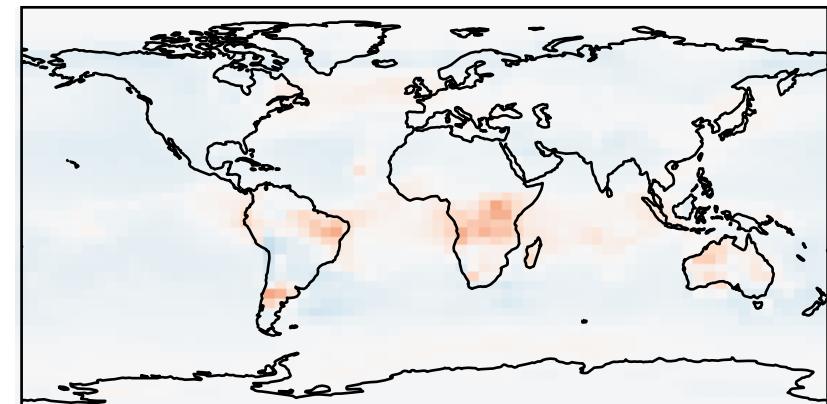
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

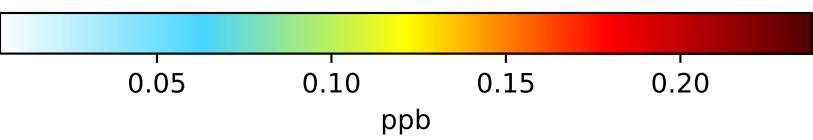
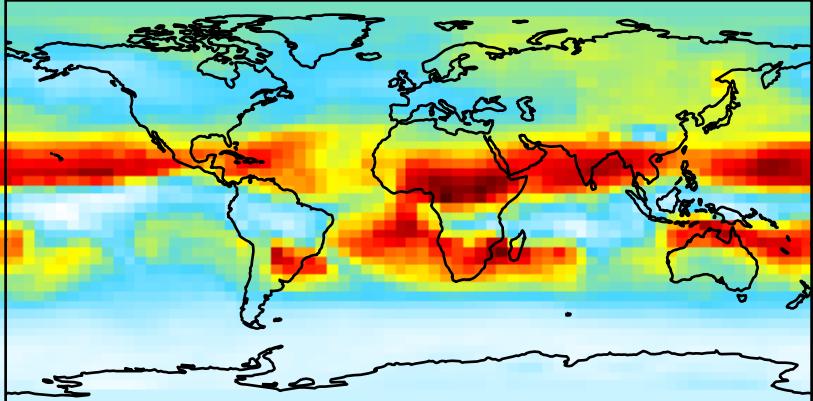


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

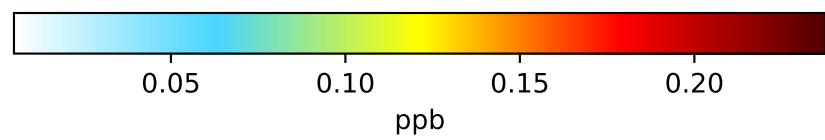
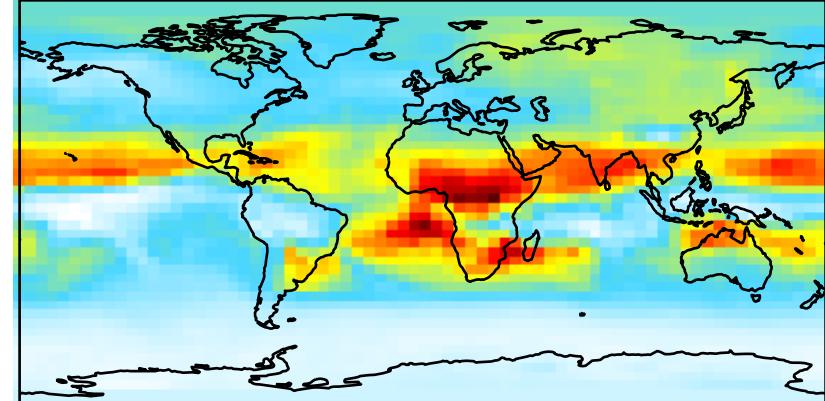


# SpeciesConc\_HNO3

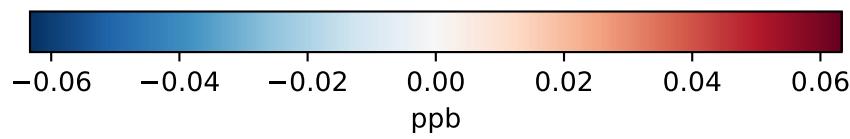
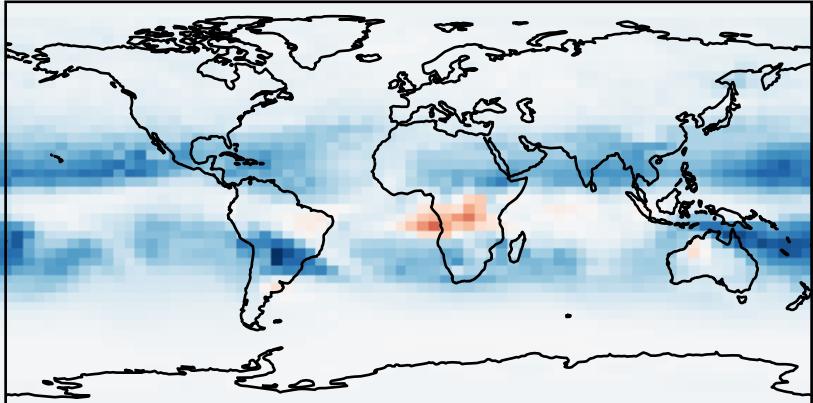
GC\_12.0.0 (Ref)  
4x5



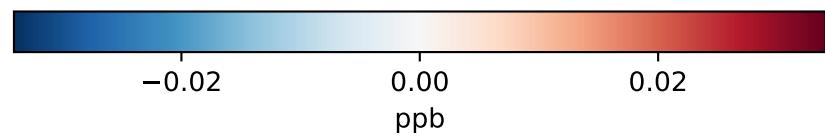
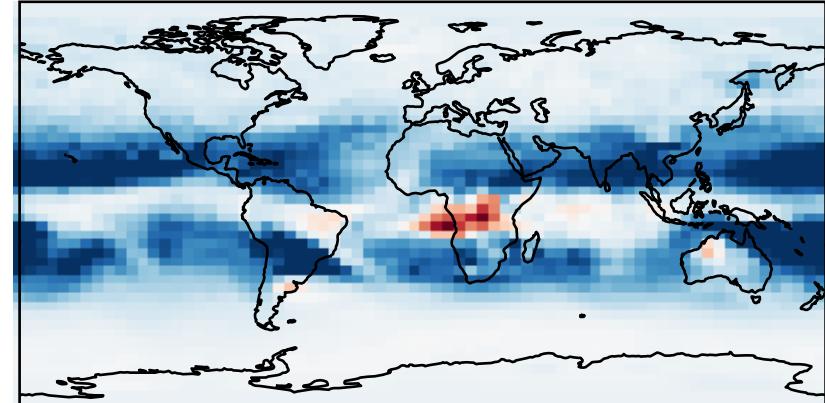
GC\_12.4.0 (Dev)  
4x5



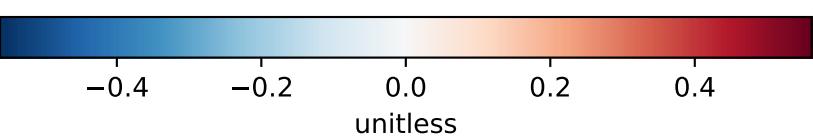
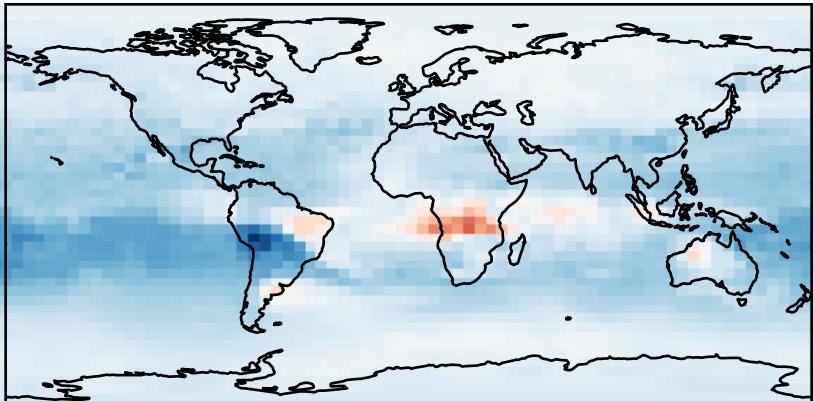
Difference  
Dev - Ref, Dynamic Range



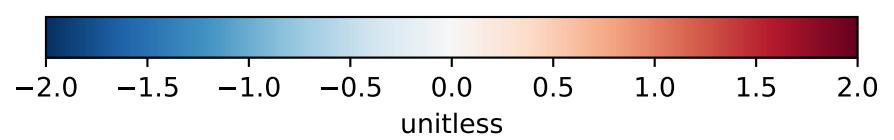
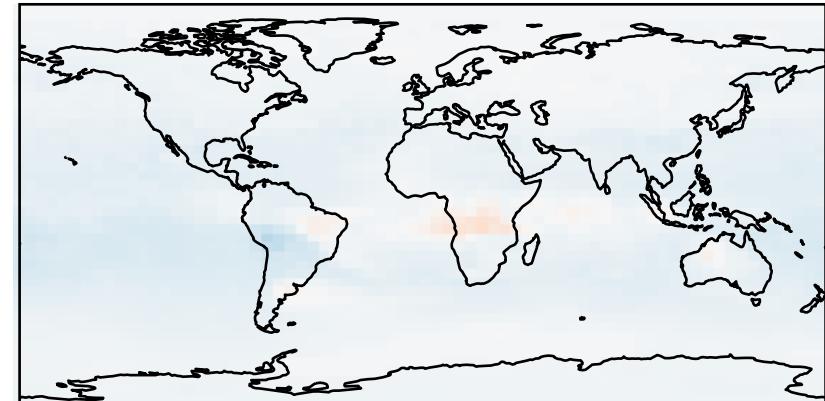
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

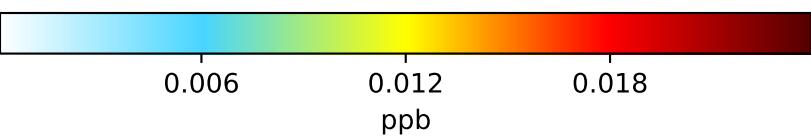
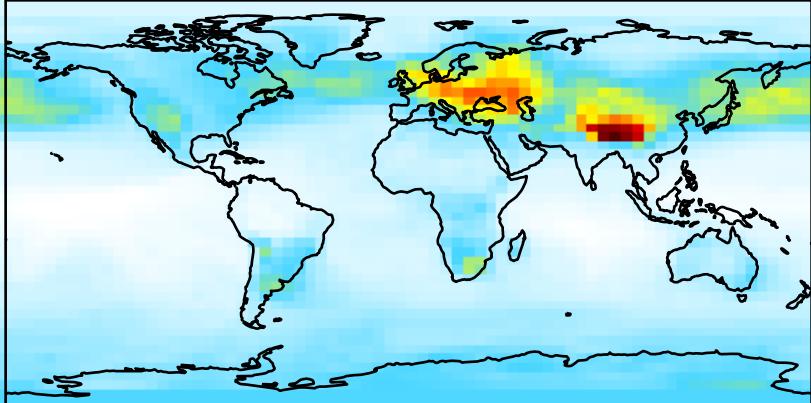


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

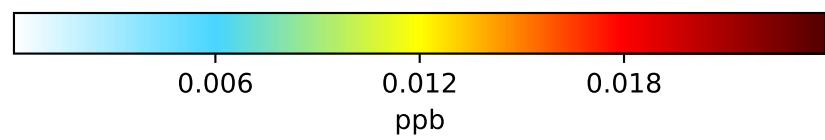
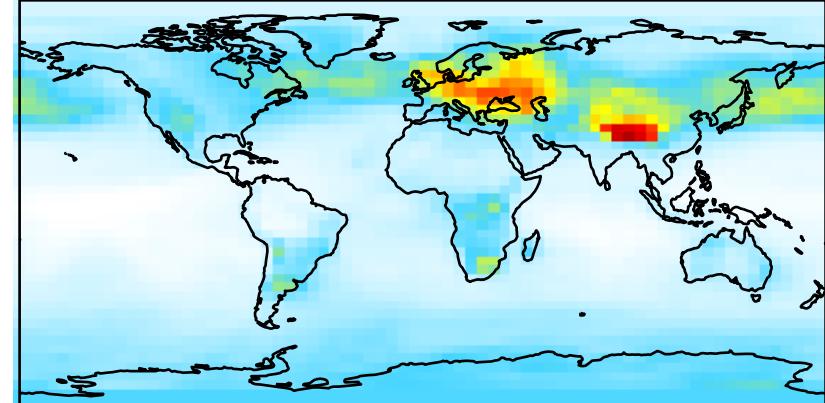


# SpeciesConc\_HNO4

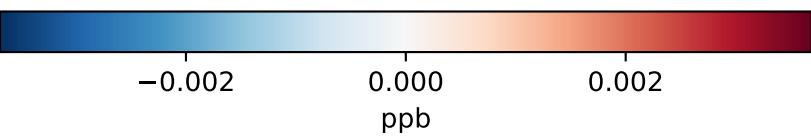
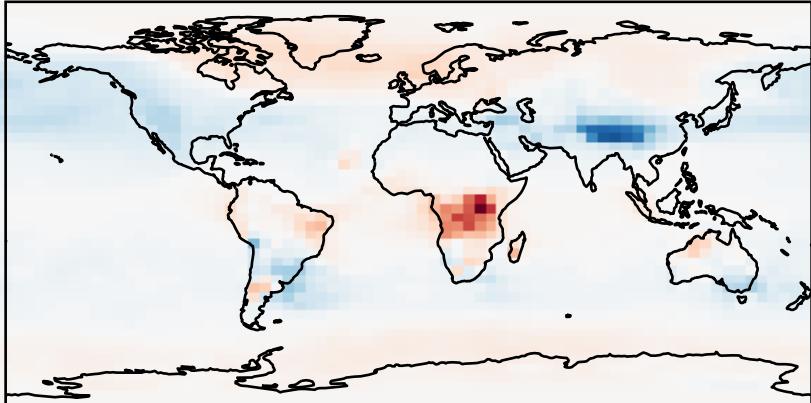
GC\_12.0.0 (Ref)  
4x5



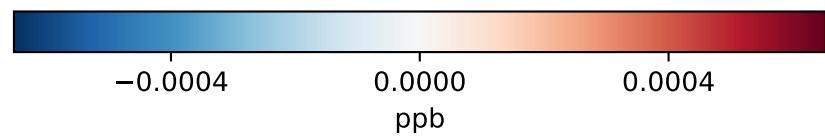
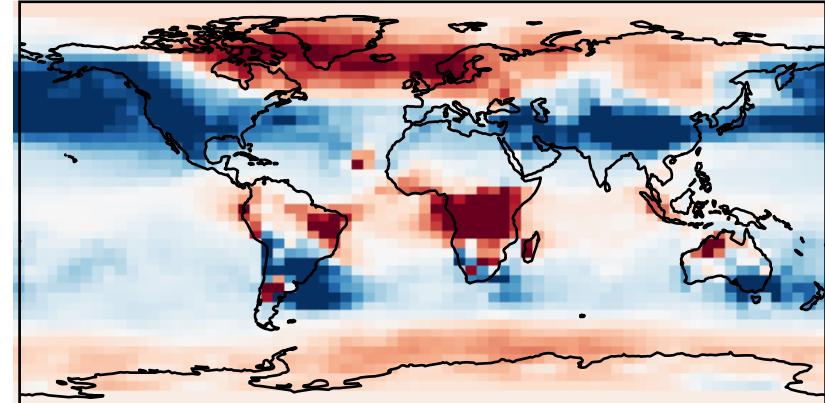
GC\_12.4.0 (Dev)  
4x5



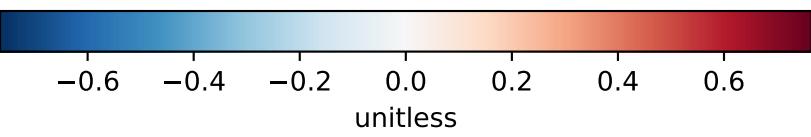
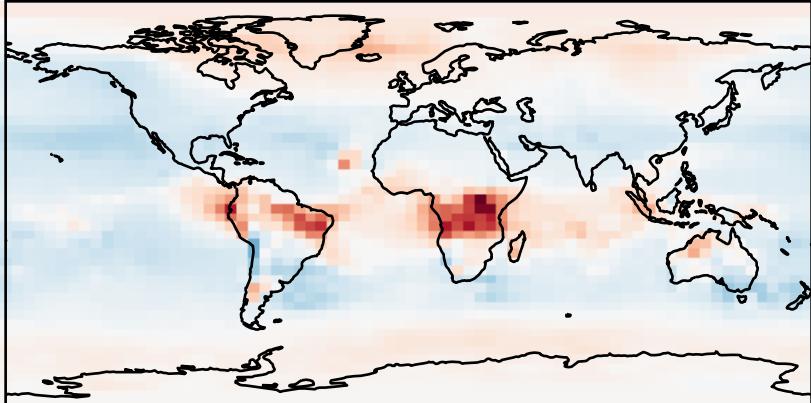
Difference  
Dev - Ref, Dynamic Range



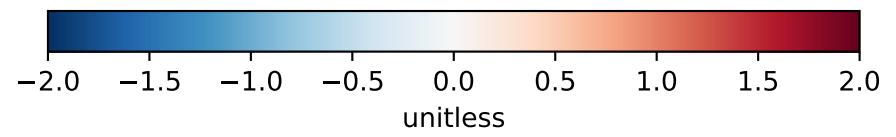
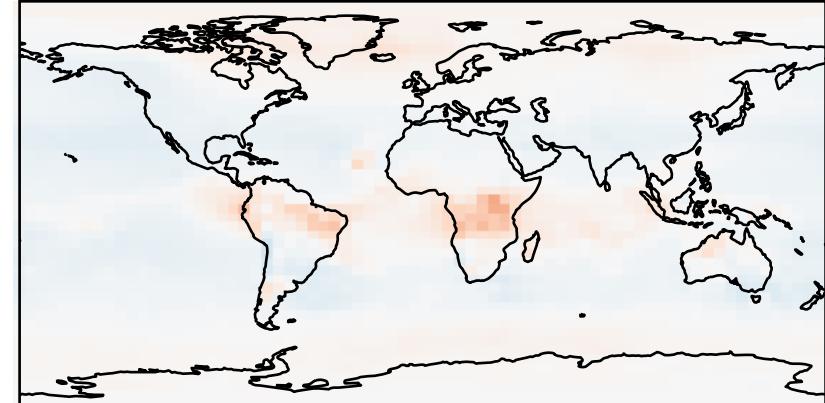
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

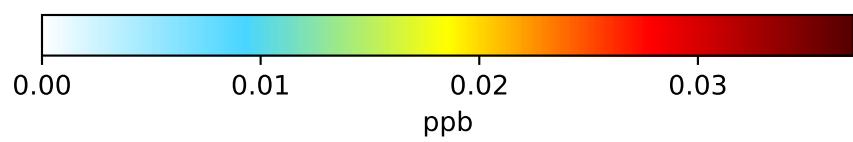
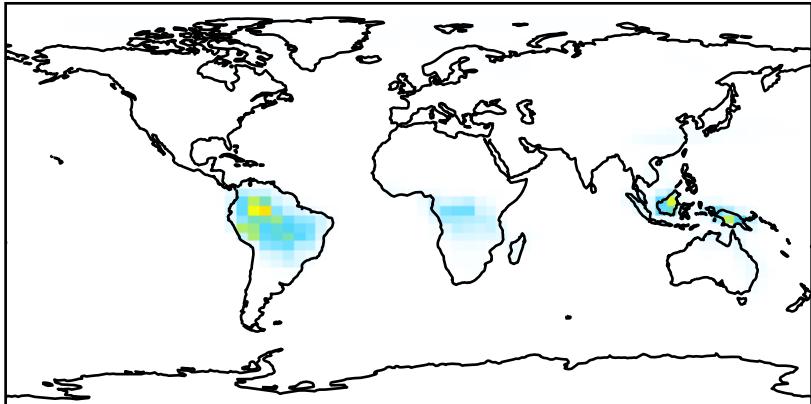


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

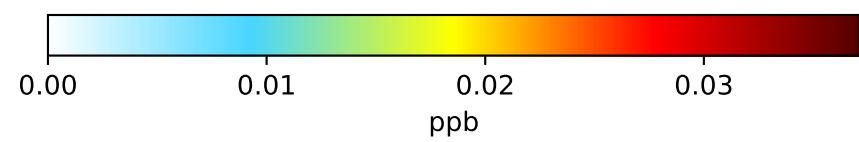
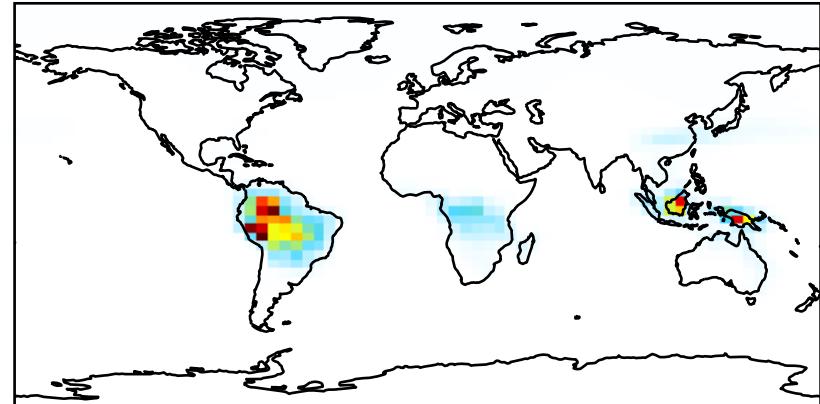


# SpeciesConc\_IPMN

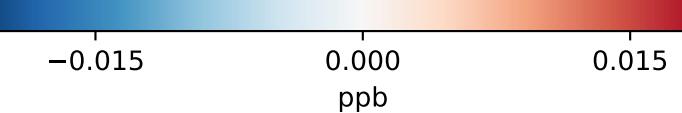
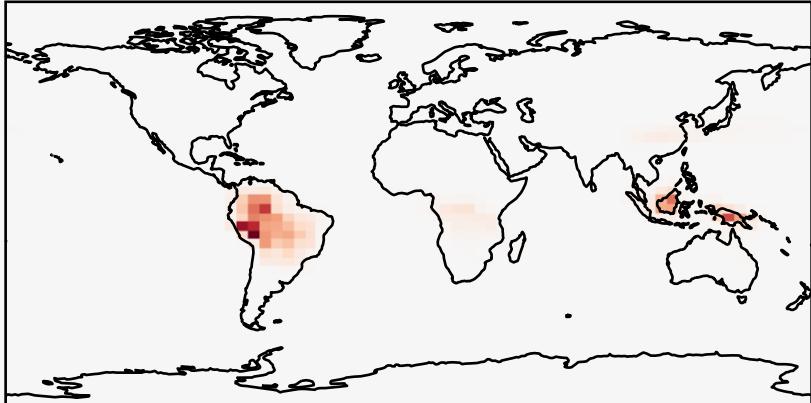
GC\_12.0.0 (Ref)  
4x5



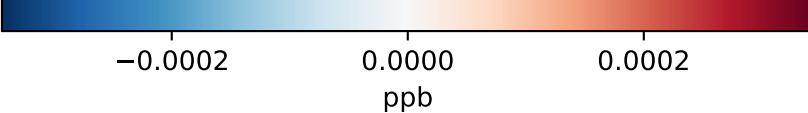
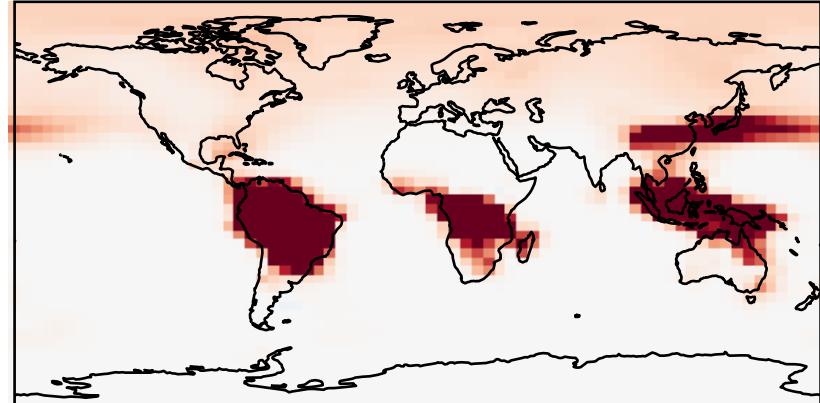
GC\_12.4.0 (Dev)  
4x5



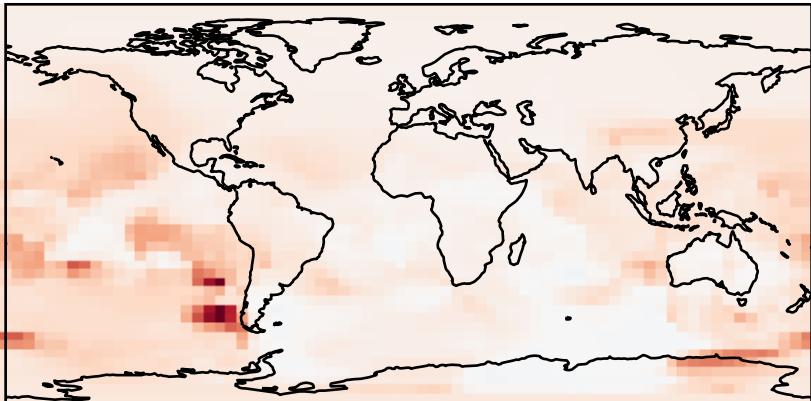
Difference  
Dev - Ref, Dynamic Range



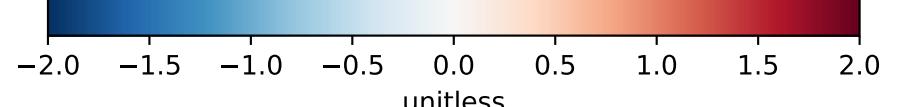
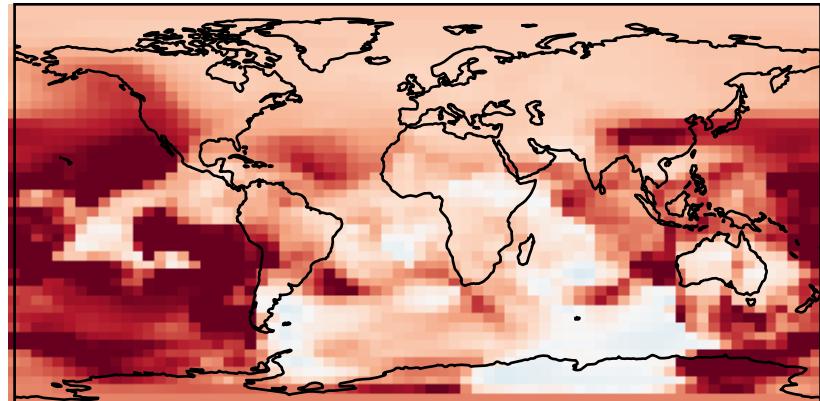
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

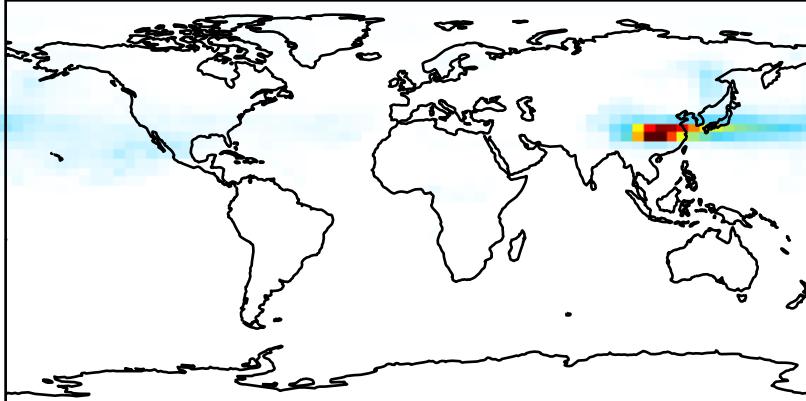


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

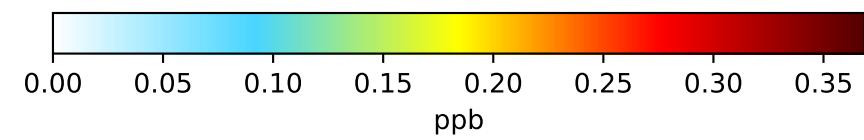
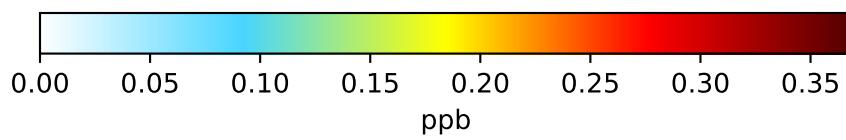
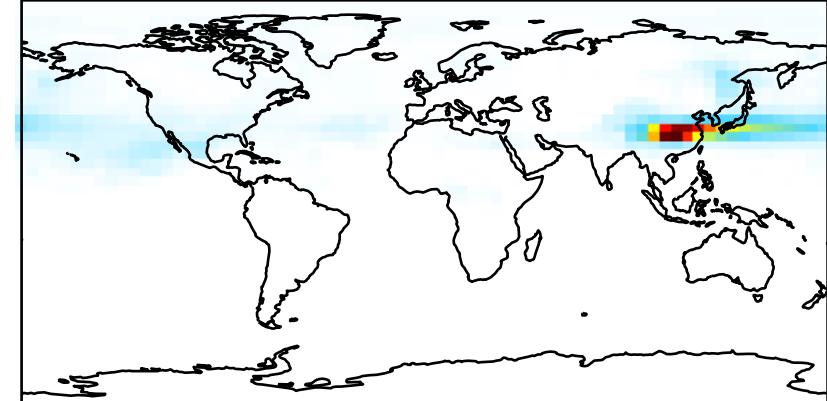


# SpeciesConc\_NIT

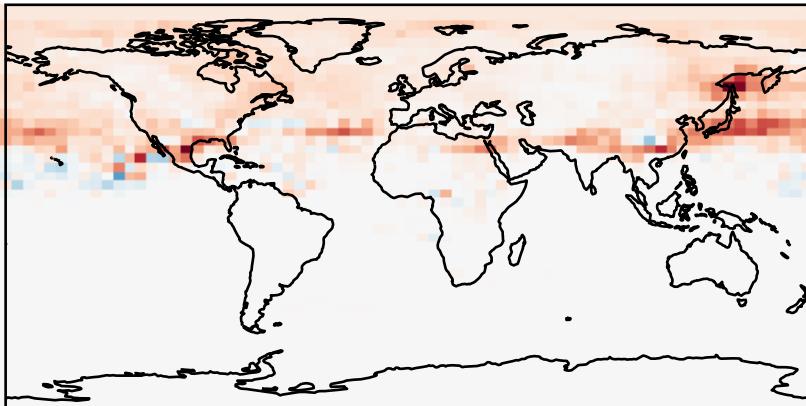
GC\_12.0.0 (Ref)  
4x5



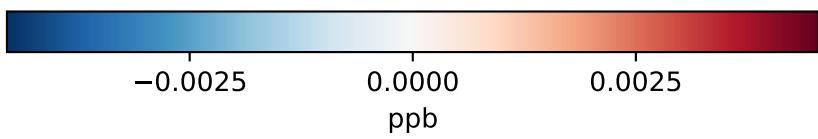
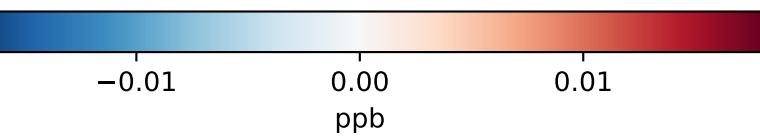
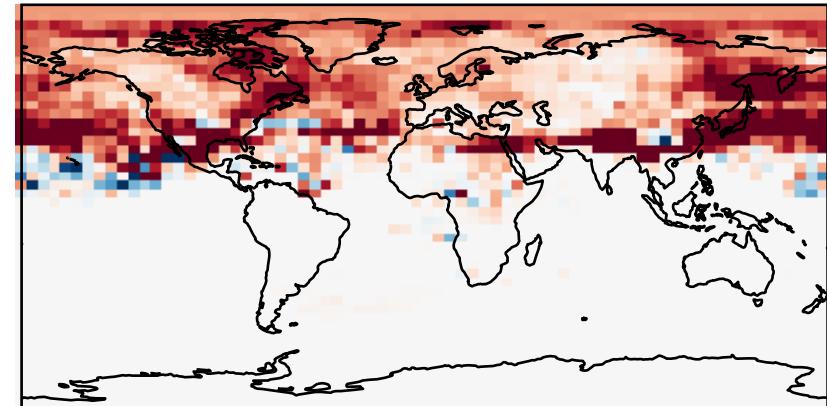
GC\_12.4.0 (Dev)  
4x5



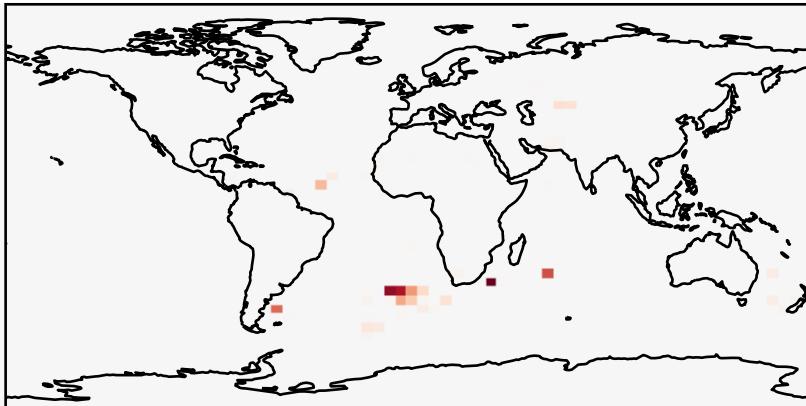
Difference  
Dev - Ref, Dynamic Range



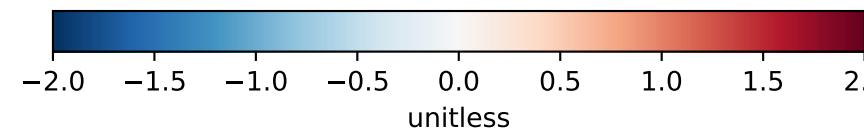
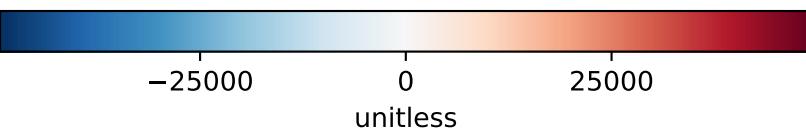
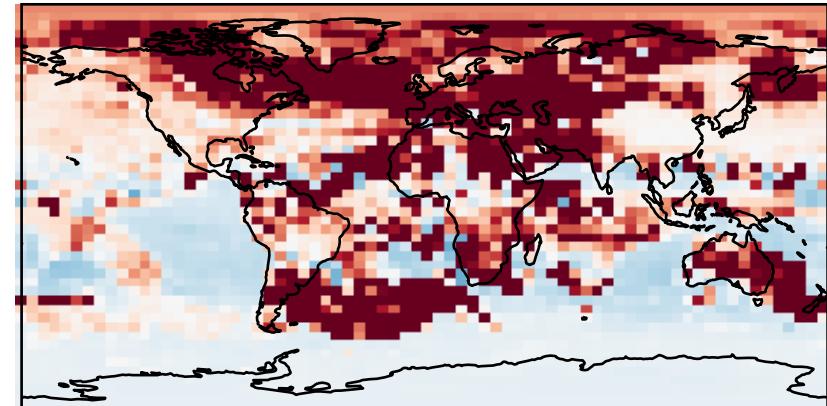
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

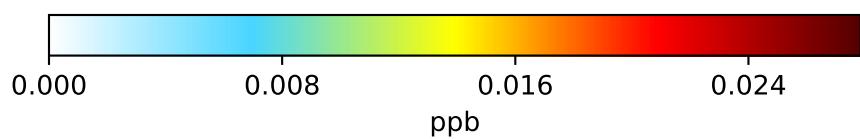
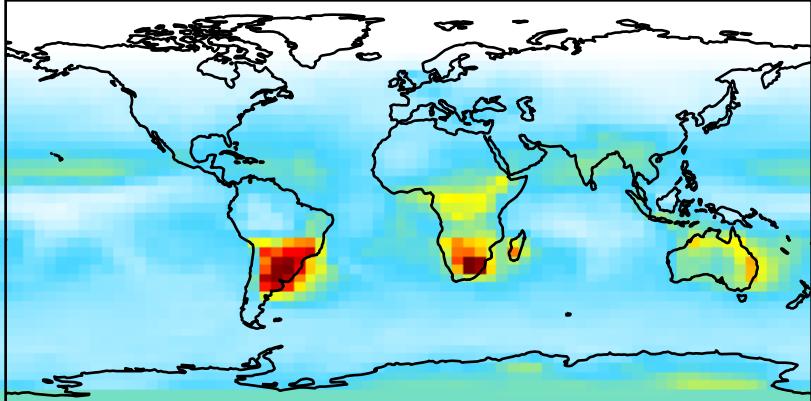


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

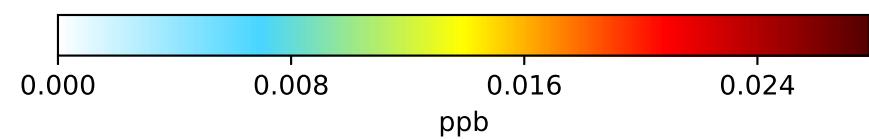
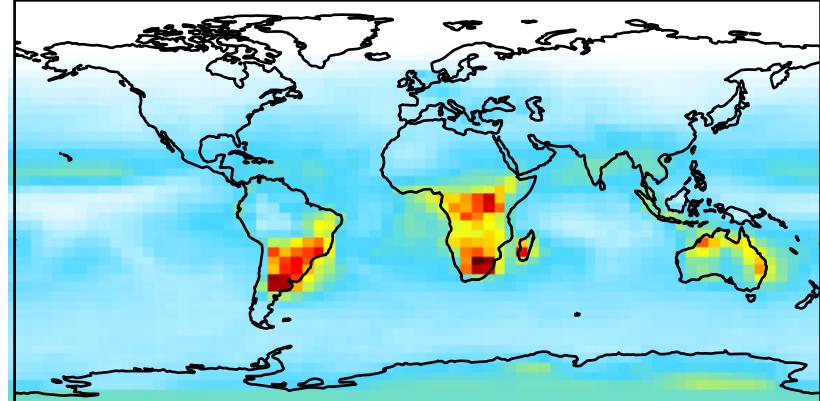


# SpeciesConc\_NO

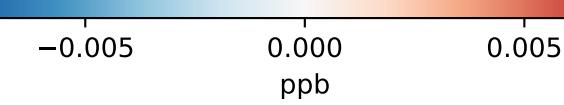
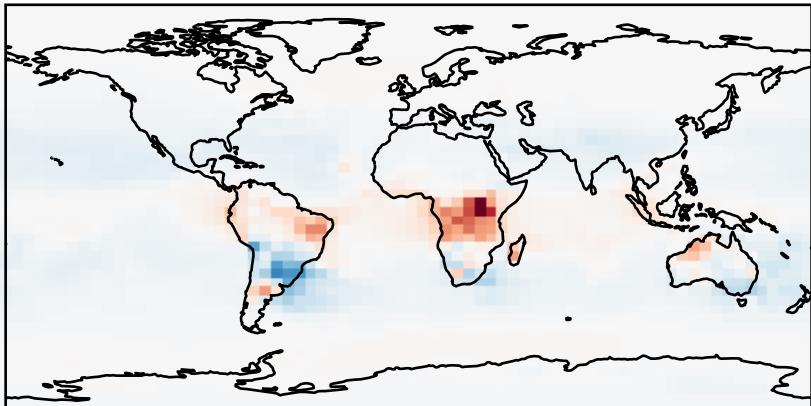
GC\_12.0.0 (Ref)  
4x5



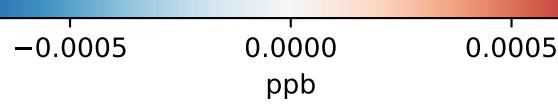
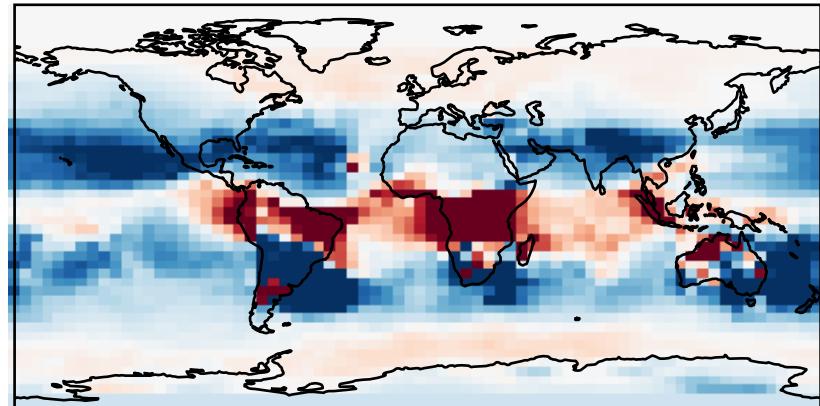
GC\_12.4.0 (Dev)  
4x5



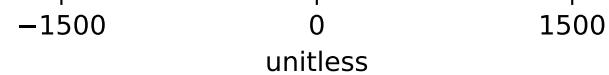
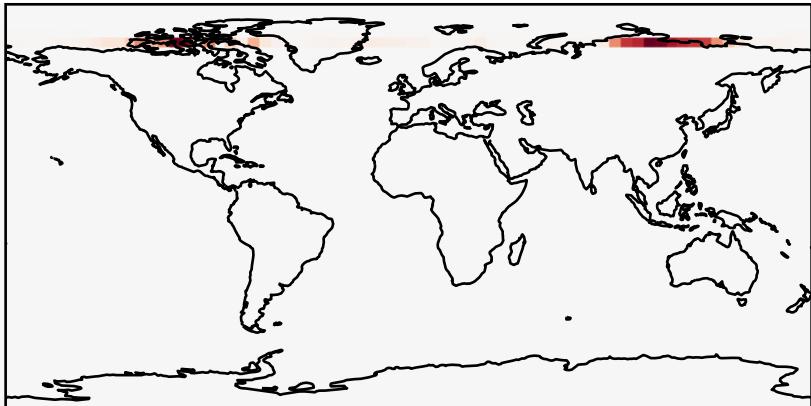
Difference  
Dev - Ref, Dynamic Range



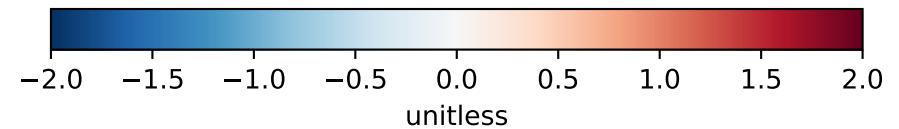
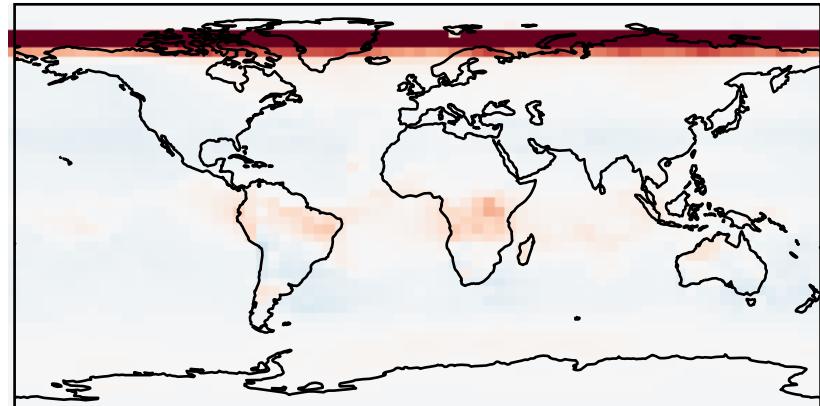
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

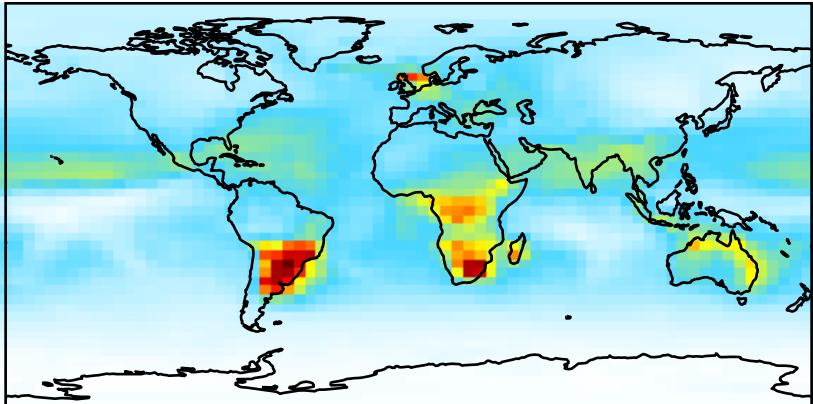


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

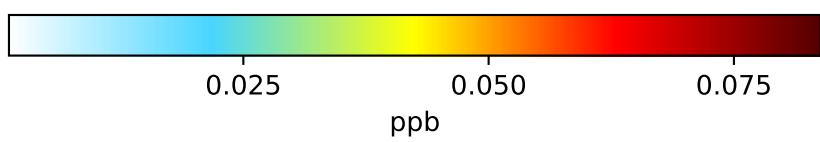
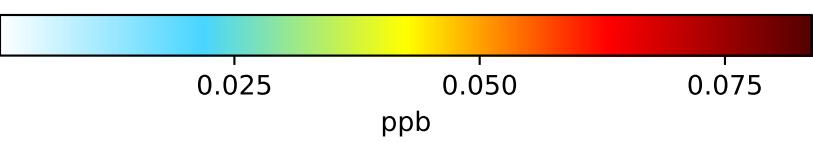
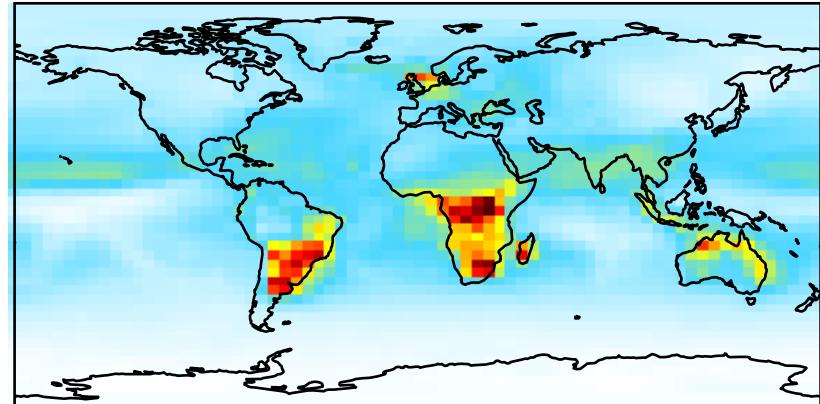


# SpeciesConc\_NO2

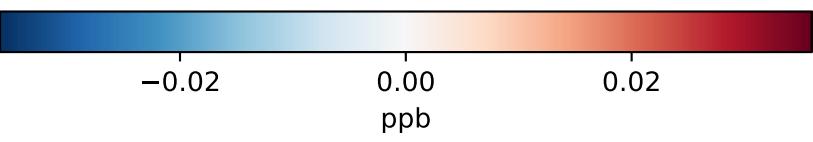
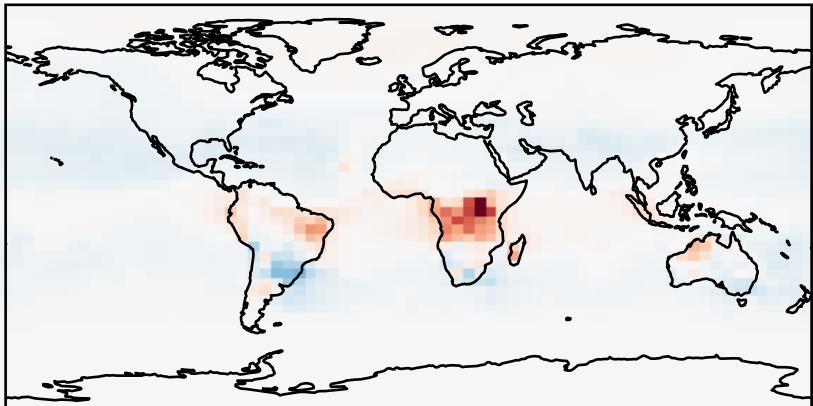
GC\_12.0.0 (Ref)  
4x5



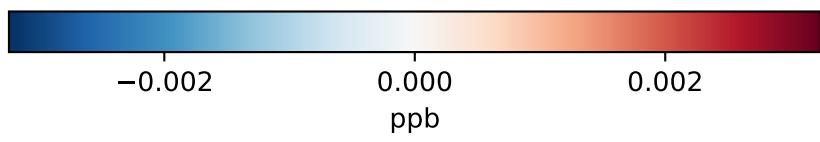
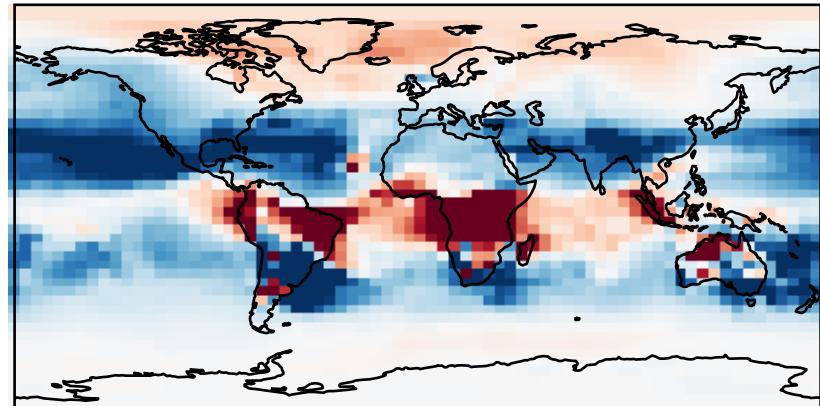
GC\_12.4.0 (Dev)  
4x5



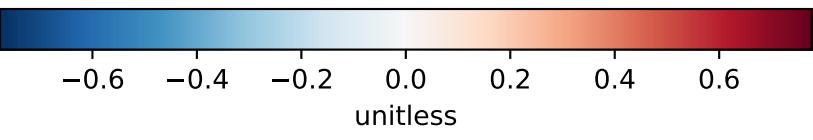
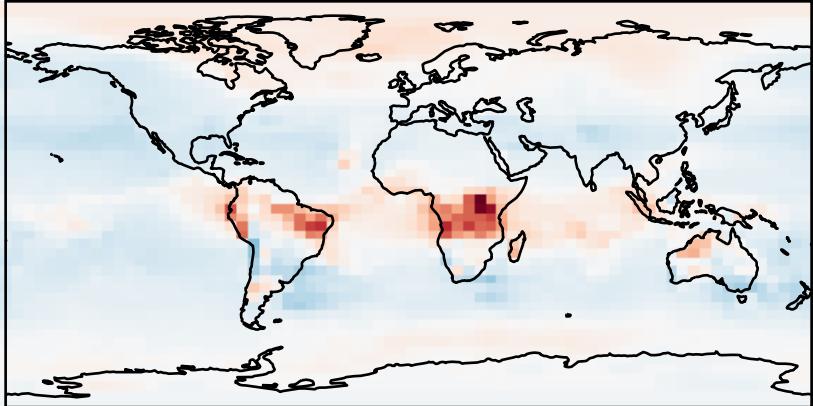
Difference  
Dev - Ref, Dynamic Range



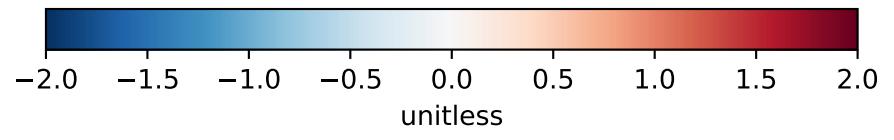
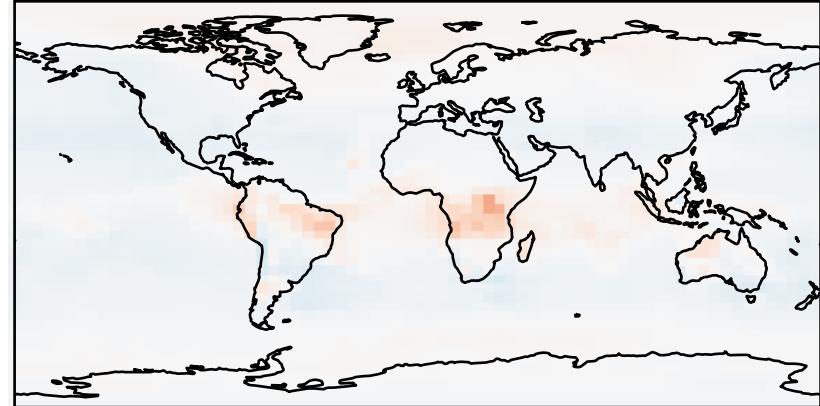
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

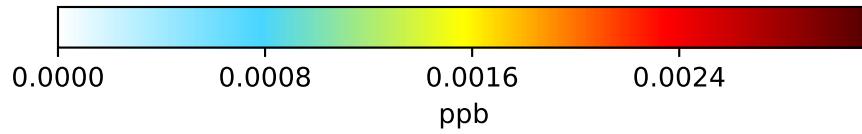
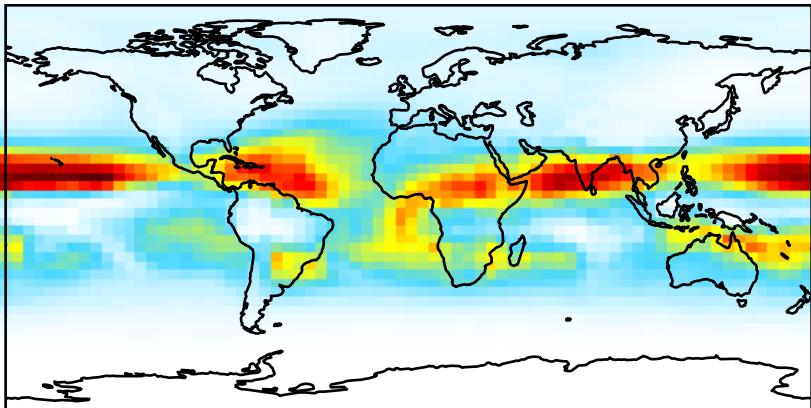


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

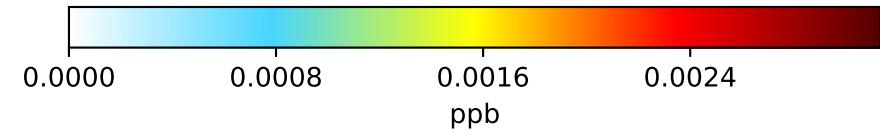
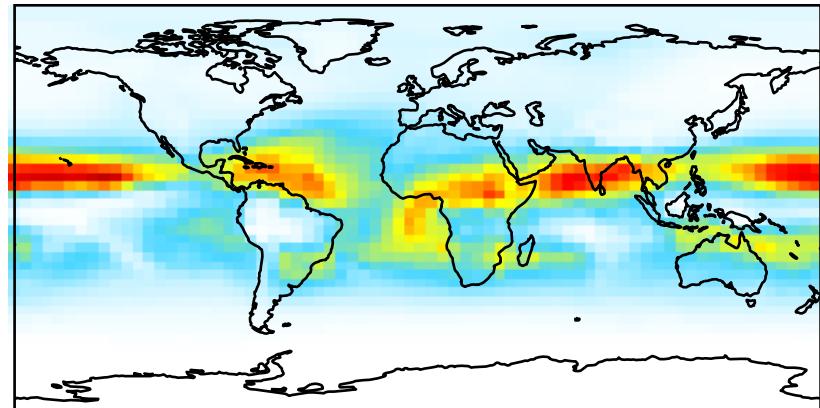


# SpeciesConc\_NO3

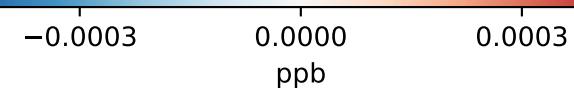
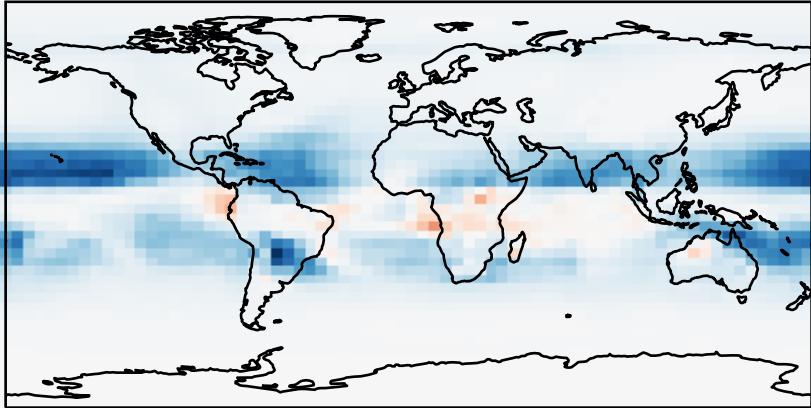
GC\_12.0.0 (Ref)  
4x5



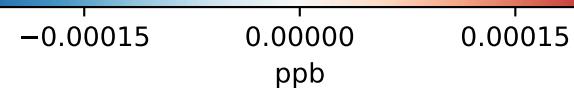
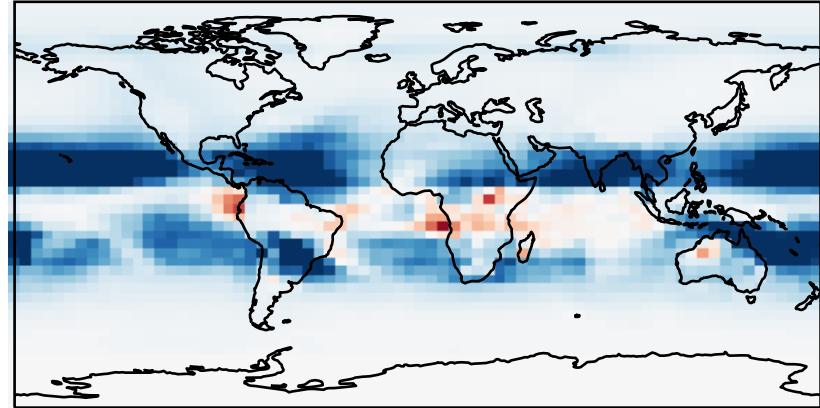
GC\_12.4.0 (Dev)  
4x5



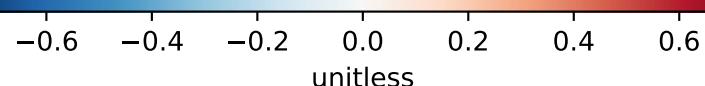
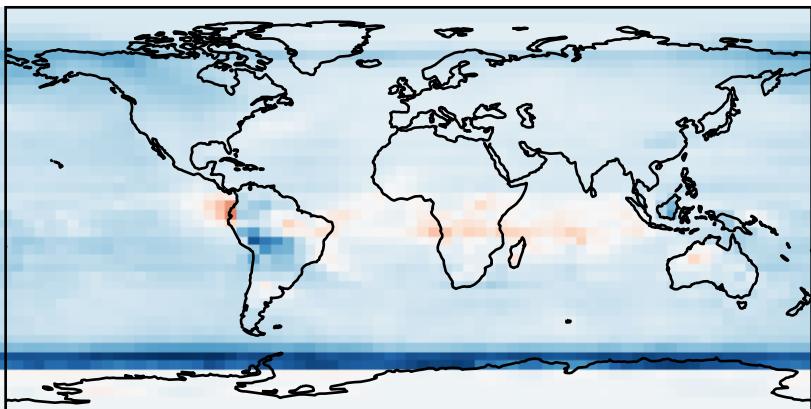
Difference  
Dev - Ref, Dynamic Range



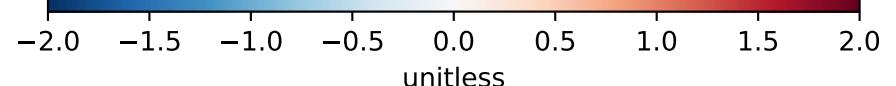
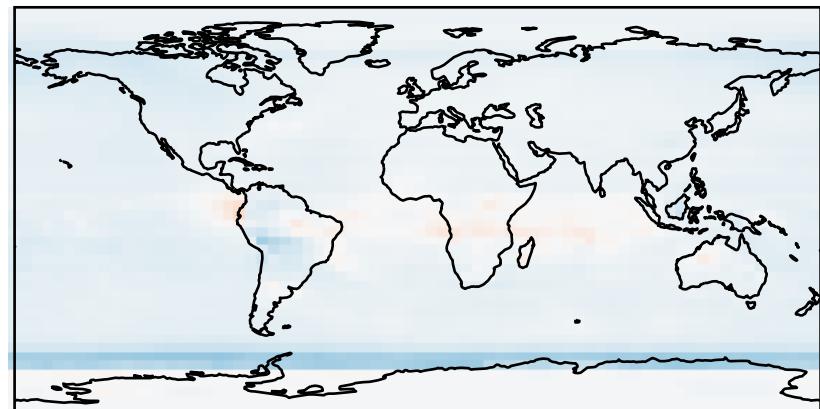
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

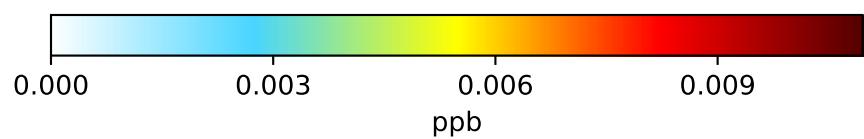
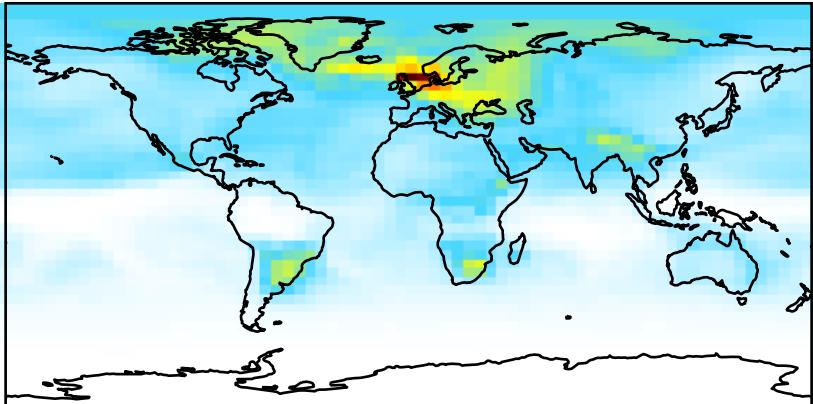


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

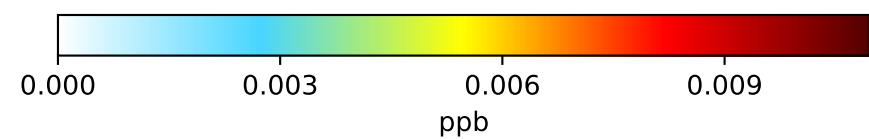
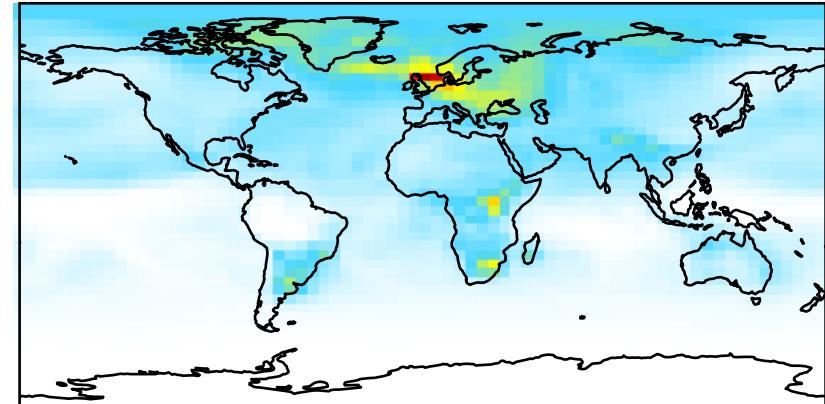


# SpeciesConc\_N2O5

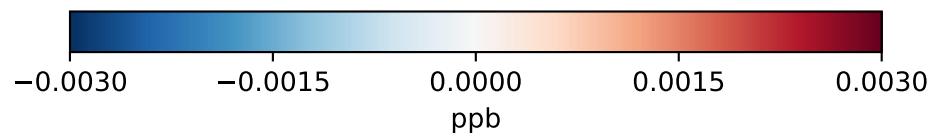
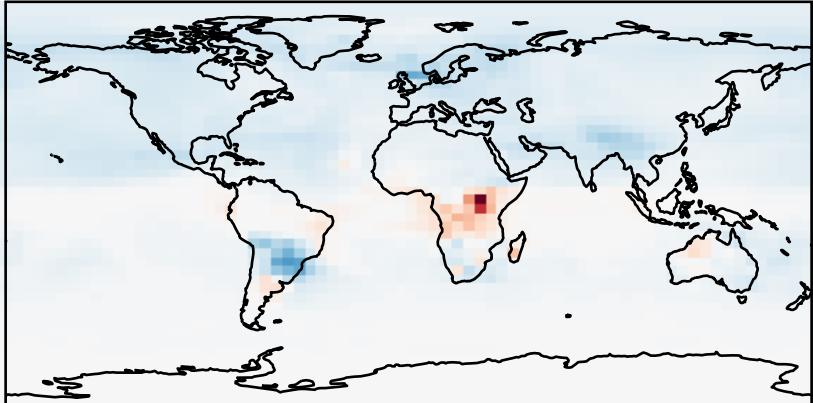
GC\_12.0.0 (Ref)  
4x5



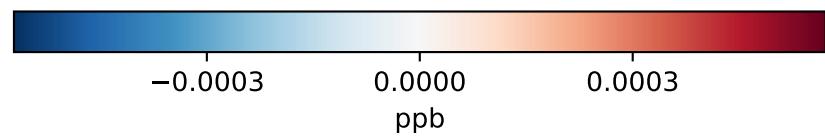
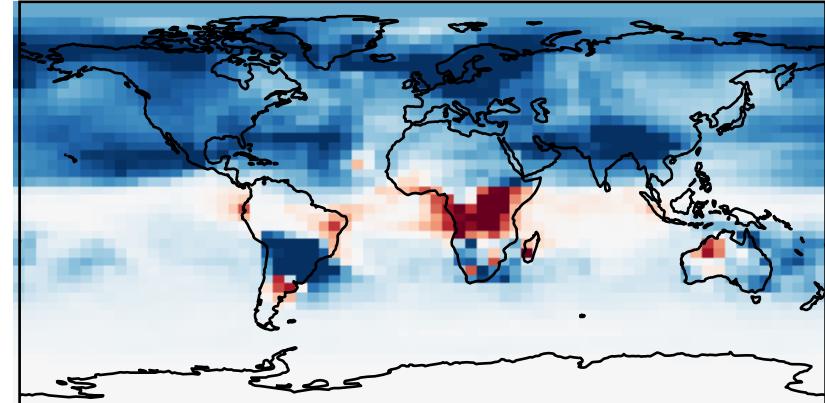
GC\_12.4.0 (Dev)  
4x5



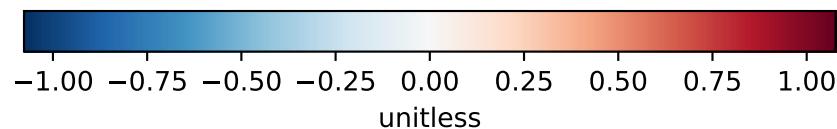
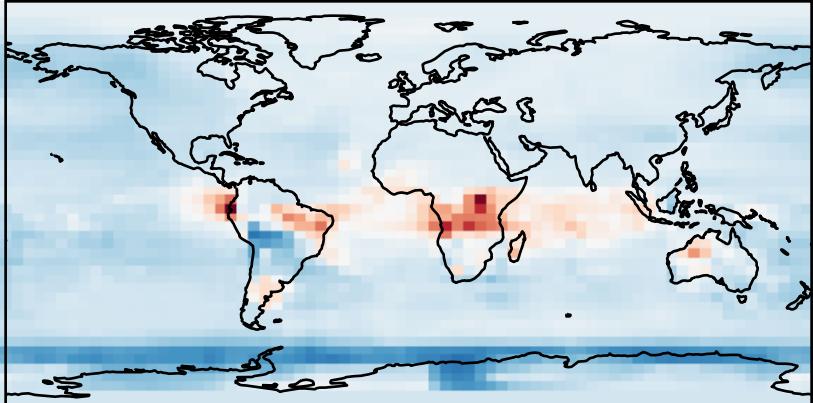
Difference  
Dev - Ref, Dynamic Range



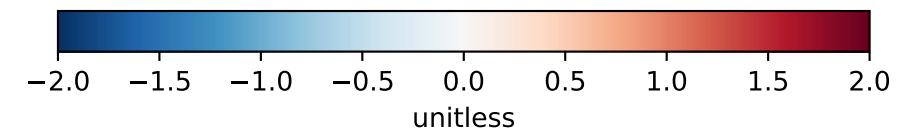
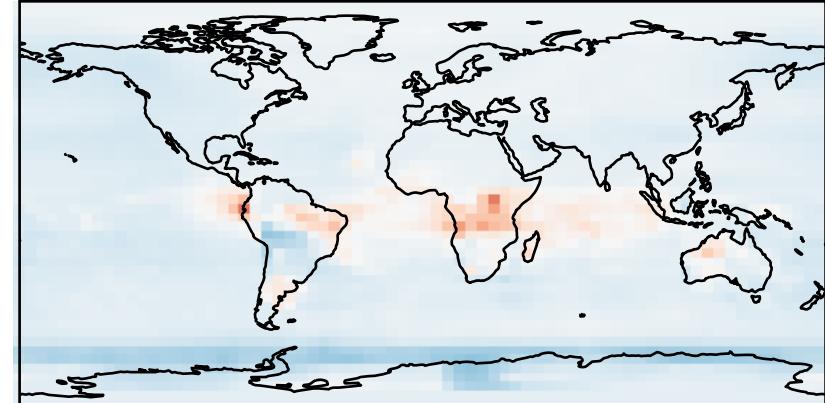
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

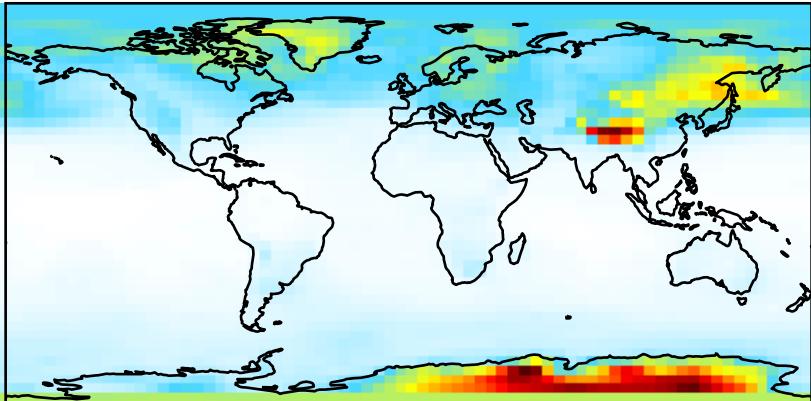


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

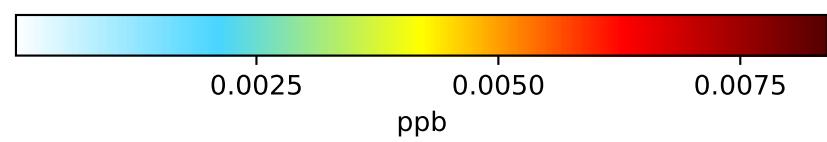
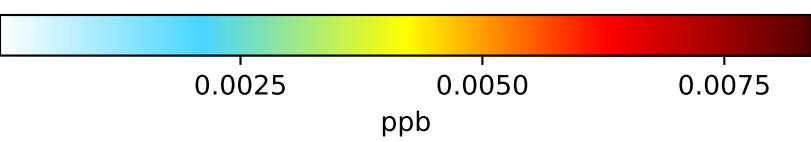
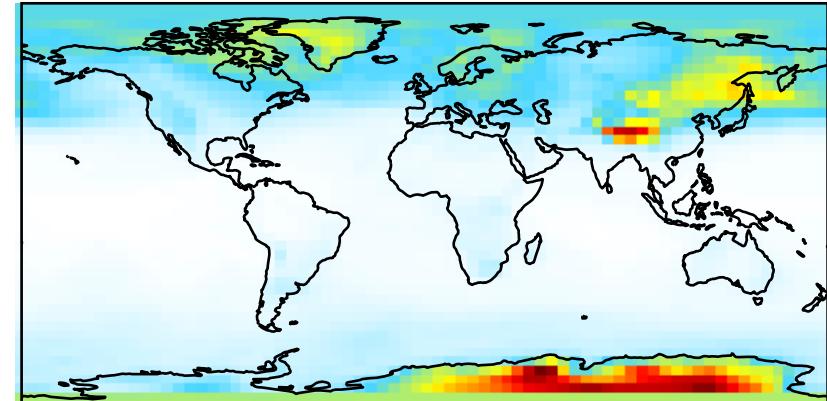


# SpeciesConc\_MPN

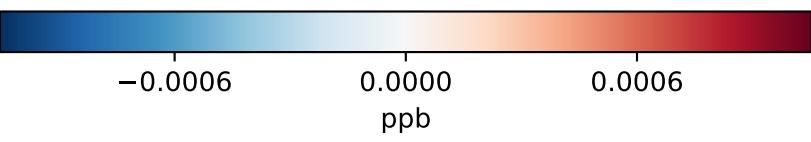
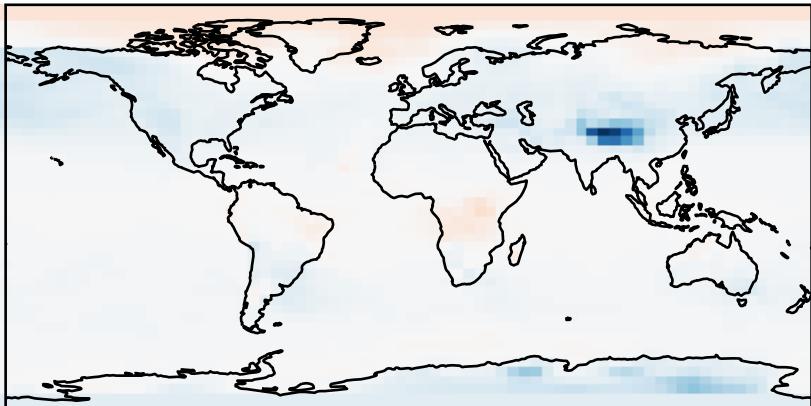
GC\_12.0.0 (Ref)  
4x5



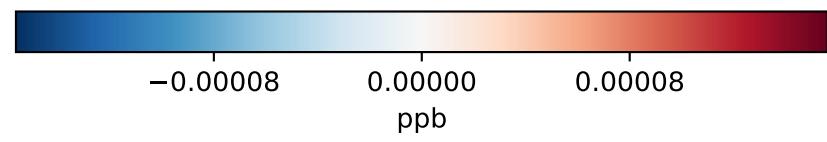
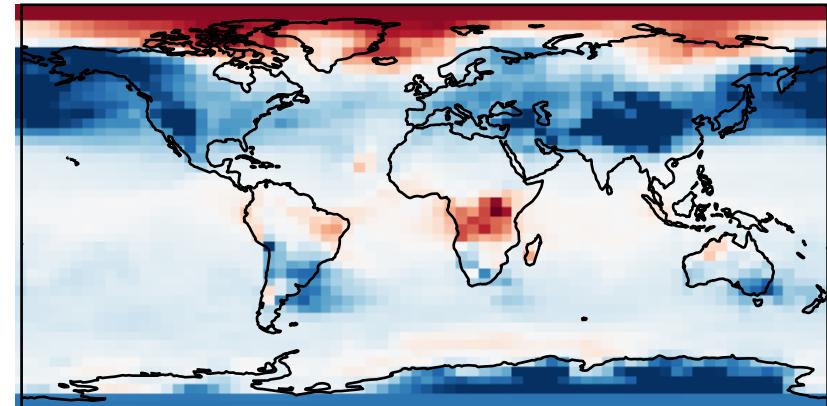
GC\_12.4.0 (Dev)  
4x5



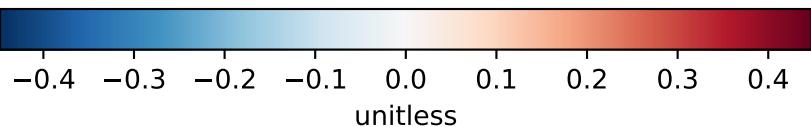
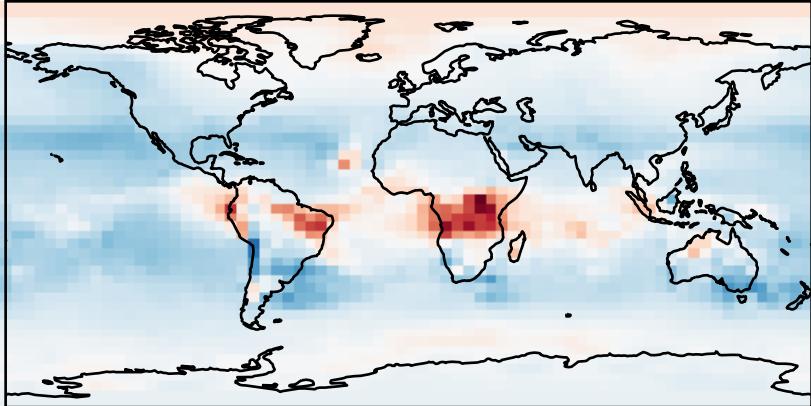
Difference  
Dev - Ref, Dynamic Range



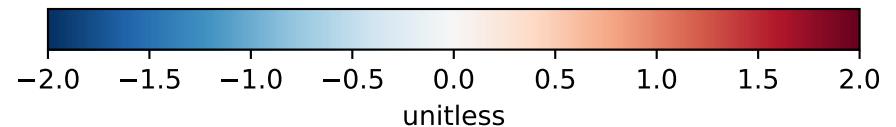
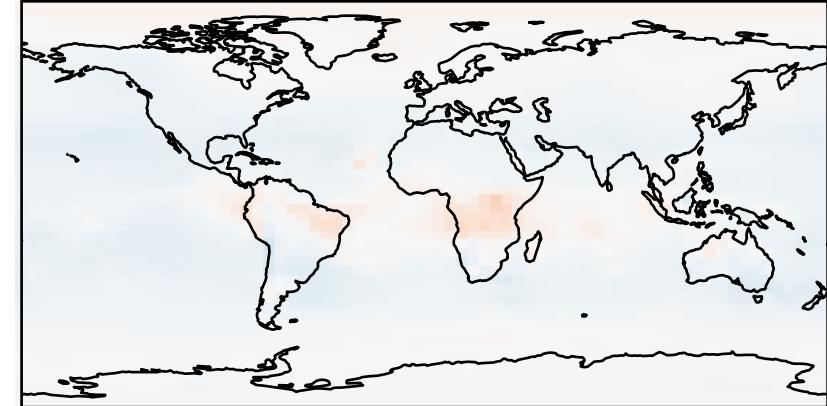
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

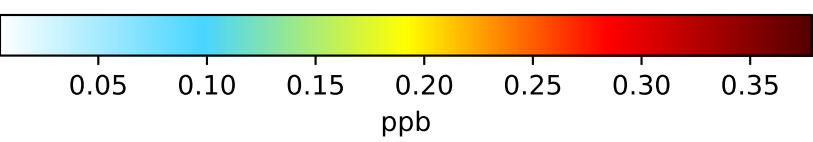
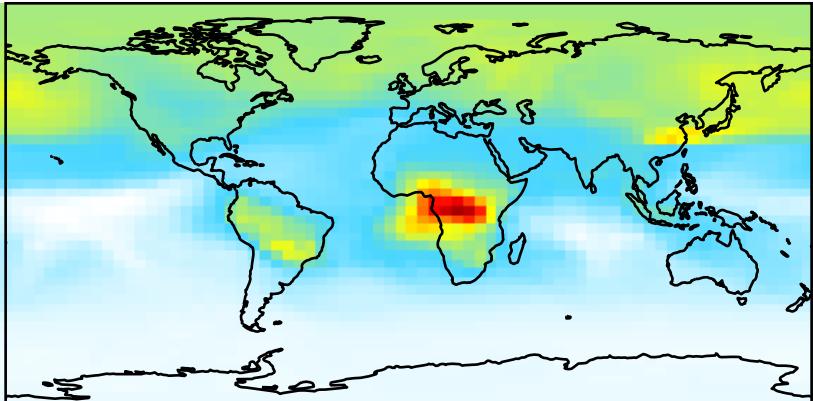


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

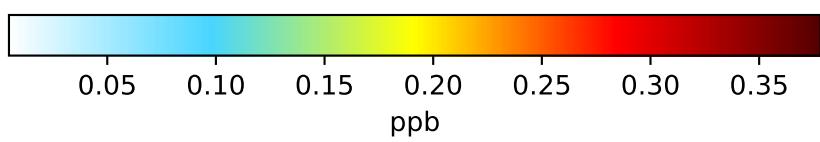
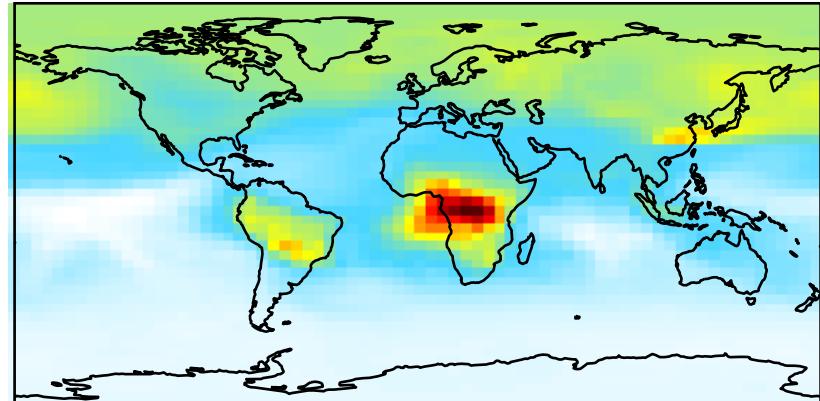


# SpeciesConc\_PAN

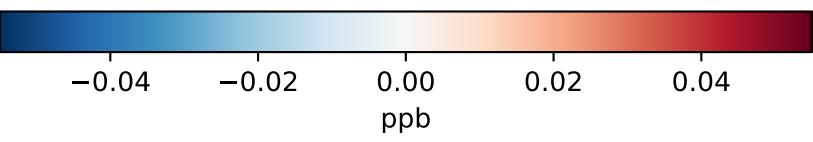
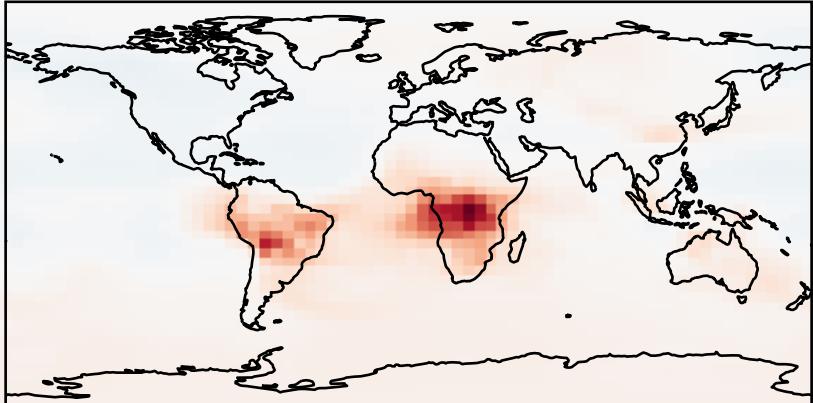
GC\_12.0.0 (Ref)  
4x5



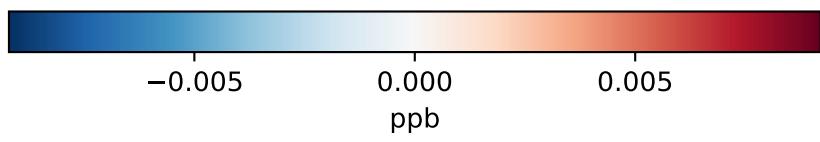
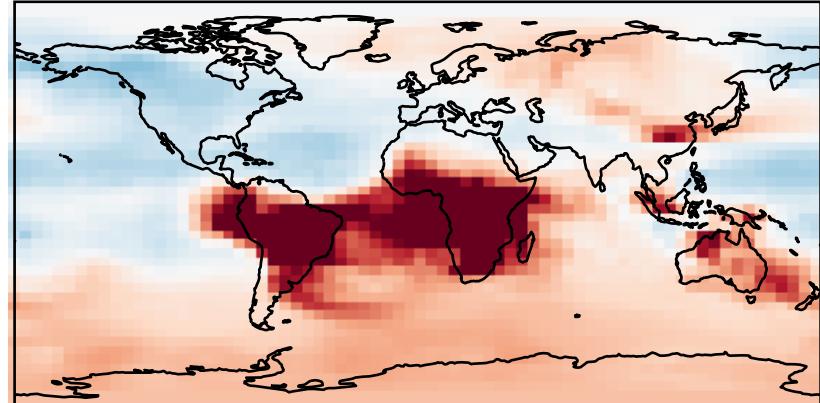
GC\_12.4.0 (Dev)  
4x5



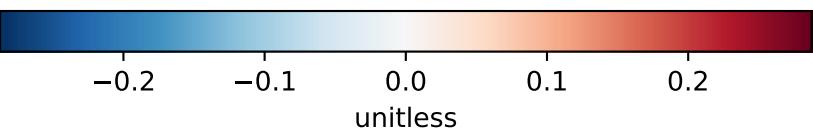
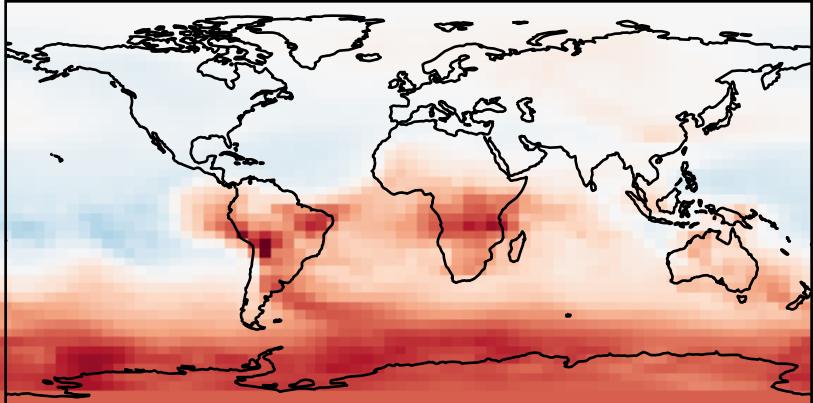
Difference  
Dev - Ref, Dynamic Range



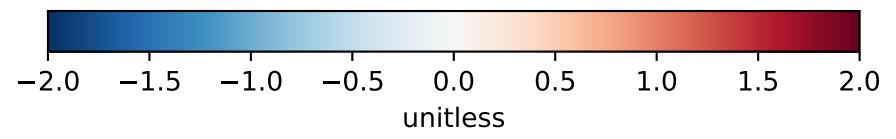
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

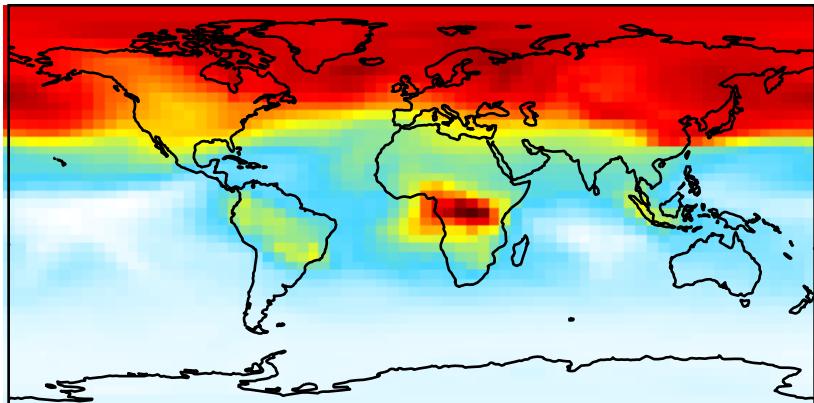


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

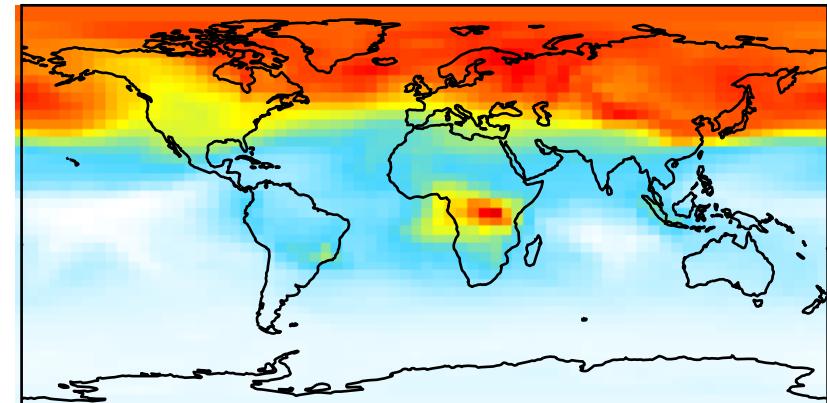


# SpeciesConc\_PPN

GC\_12.0.0 (Ref)  
4x5



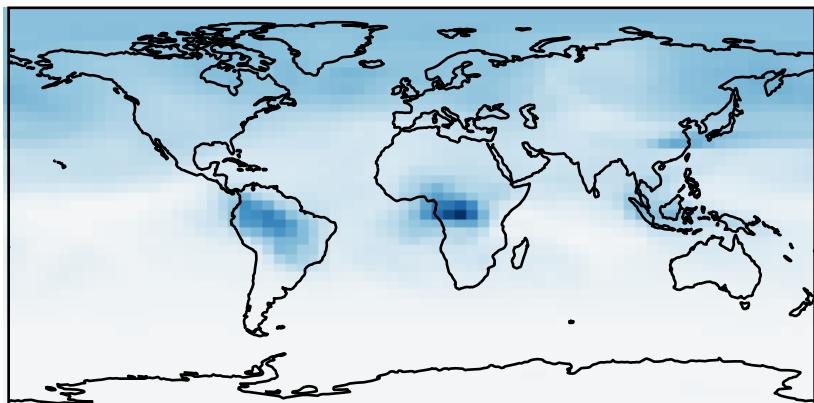
GC\_12.4.0 (Dev)  
4x5



0.008 0.016 0.024  
ppb

0.008 0.016 0.024  
ppb

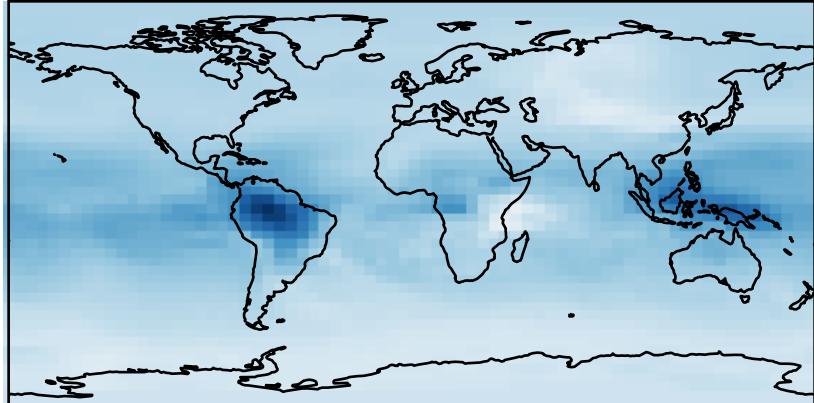
Difference  
Dev - Ref, Dynamic Range



-0.005 0.000 0.005  
ppb

-0.002 0.000 0.002  
ppb

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



-0.4 -0.2 0.0 0.2 0.4  
unitless

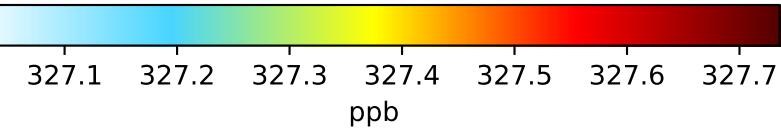
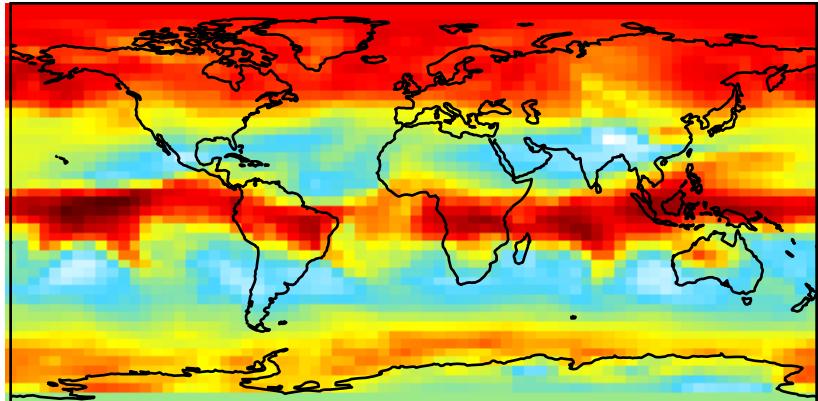
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



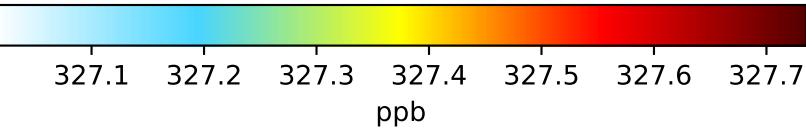
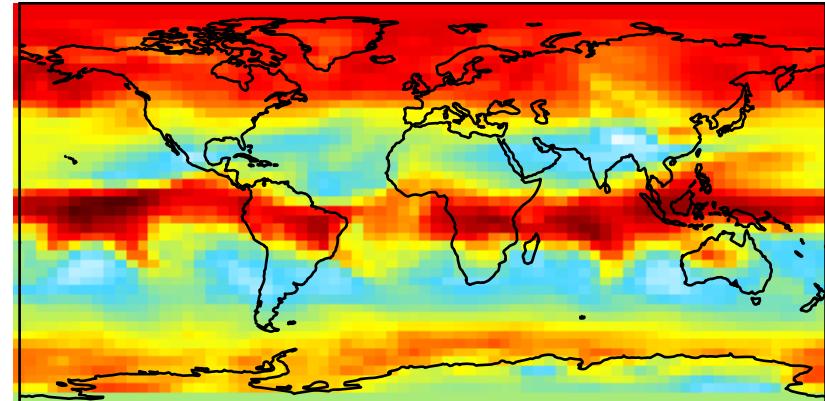
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unitless

# SpeciesConc\_N2O

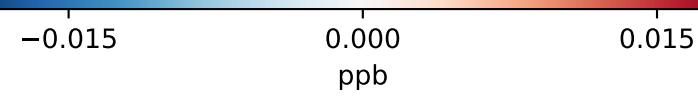
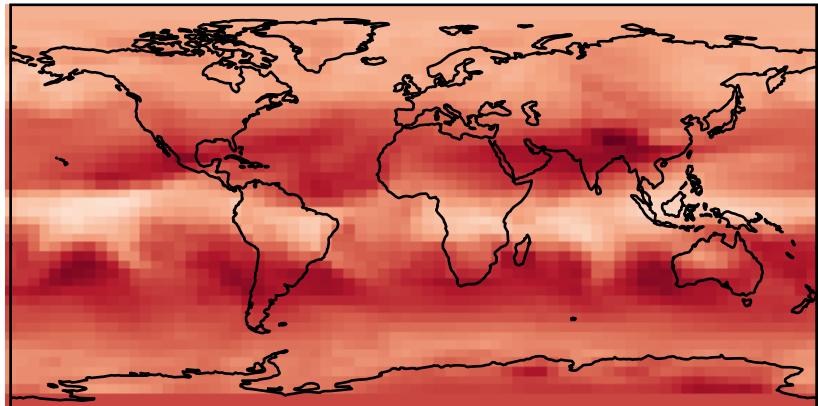
GC\_12.0.0 (Ref)  
4x5



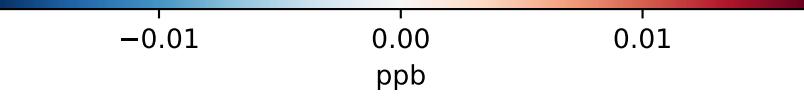
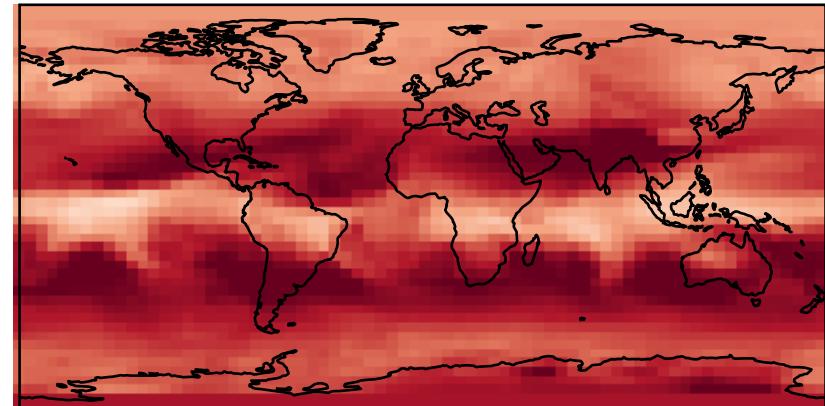
GC\_12.4.0 (Dev)  
4x5



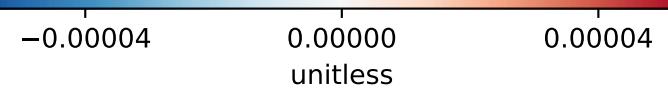
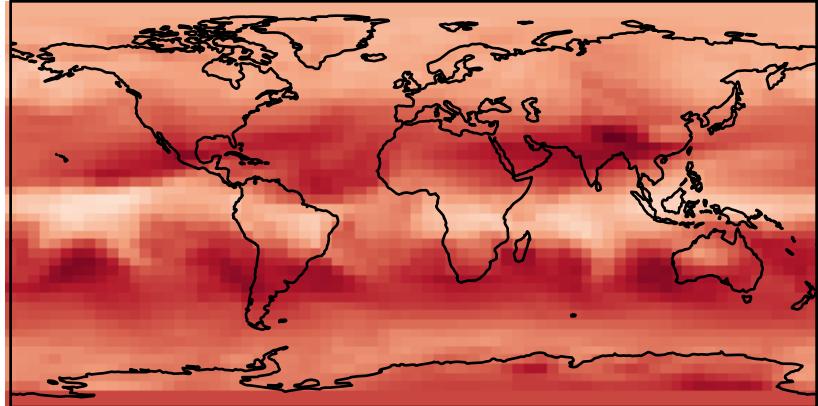
Difference  
Dev - Ref, Dynamic Range



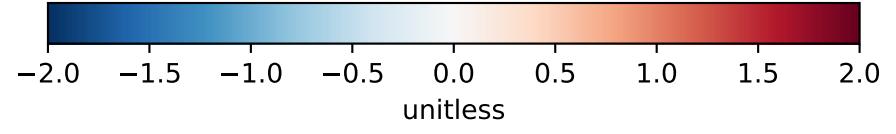
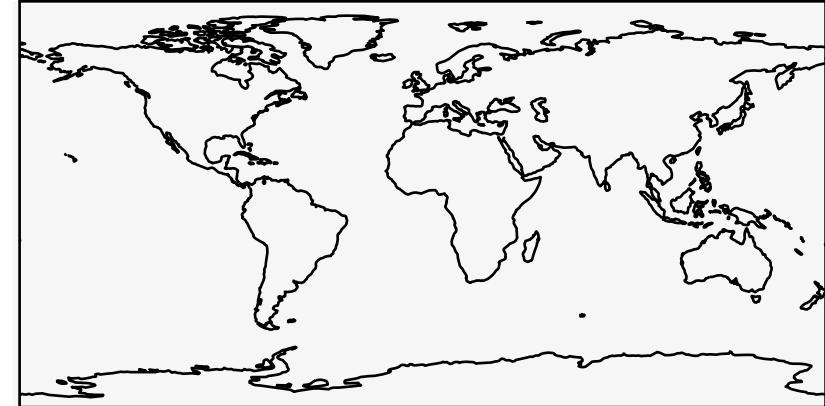
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

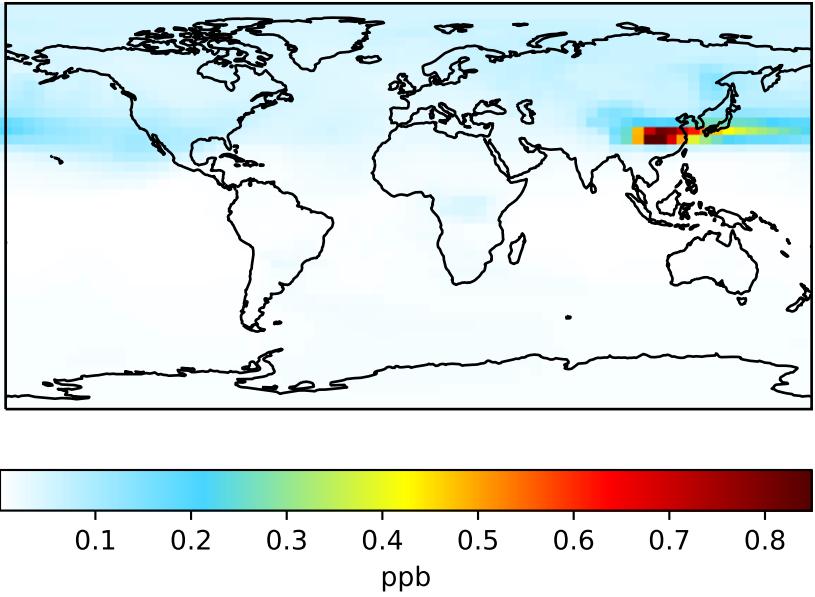


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

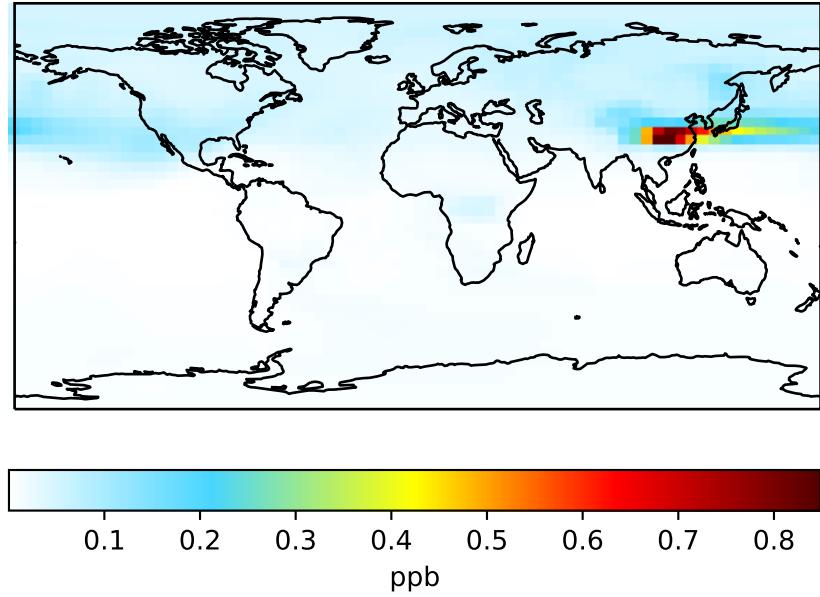


# SpeciesConc\_NHx

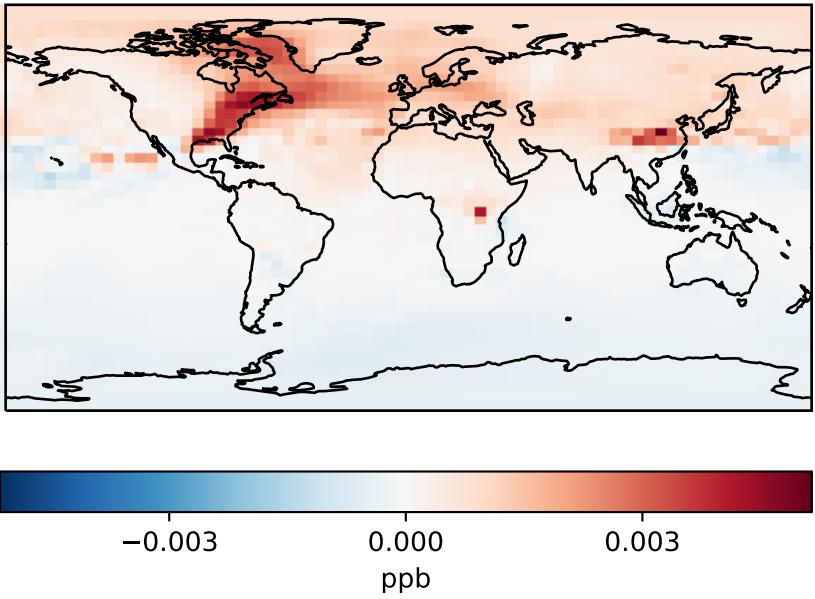
GC\_12.0.0 (Ref)  
4x5



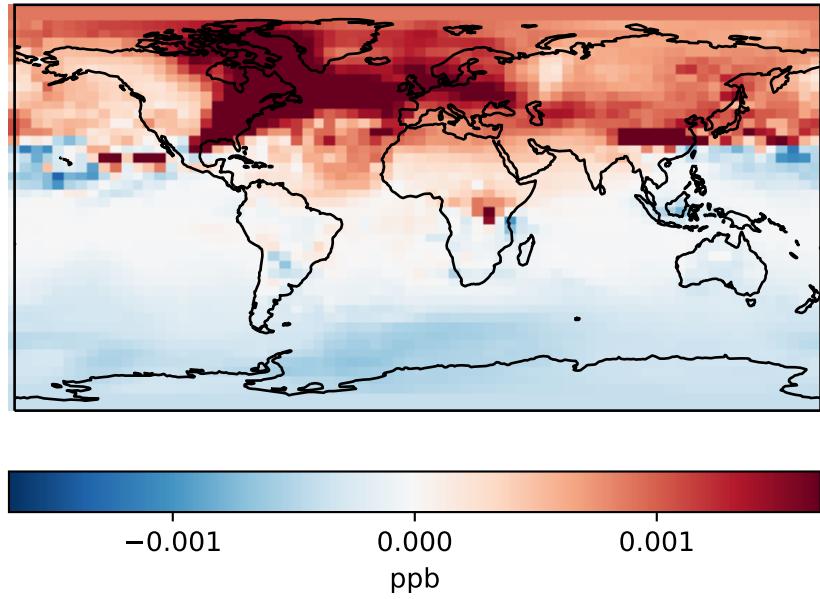
GC\_12.4.0 (Dev)  
4x5



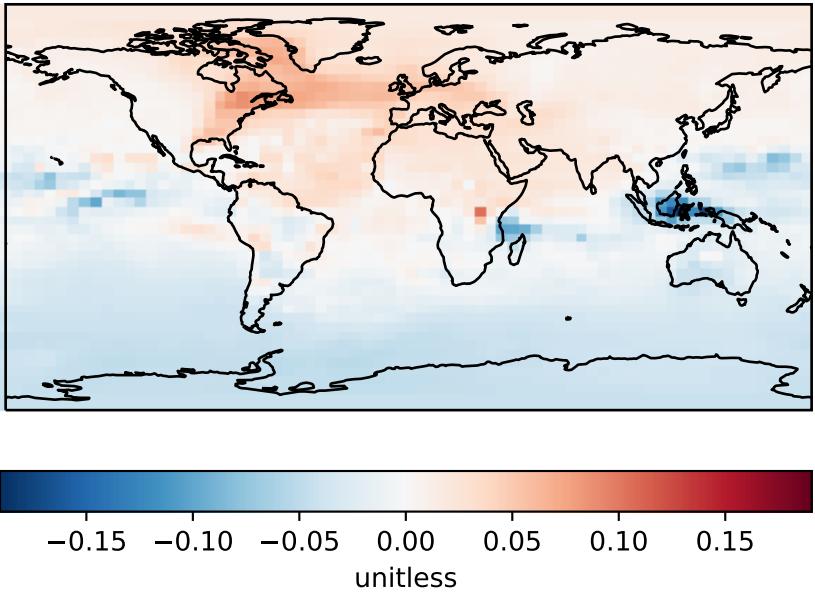
Difference  
Dev - Ref, Dynamic Range



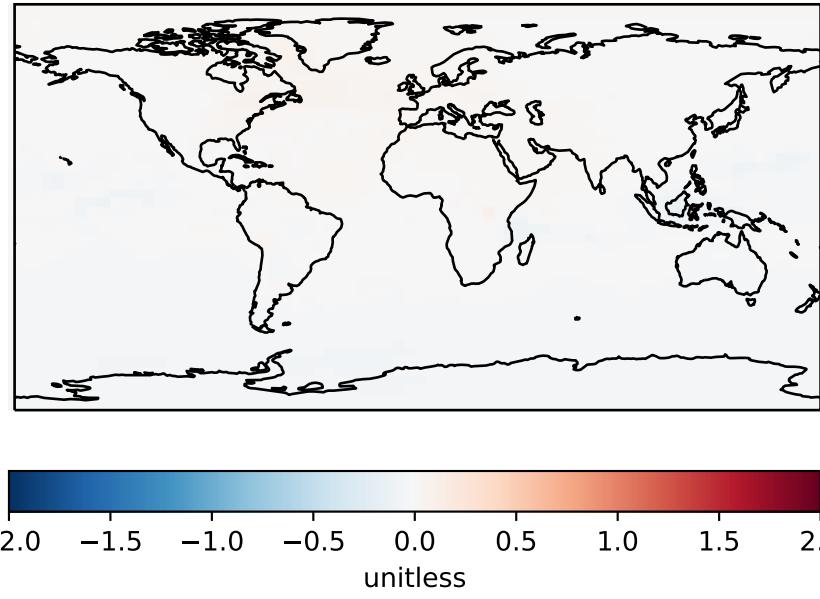
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

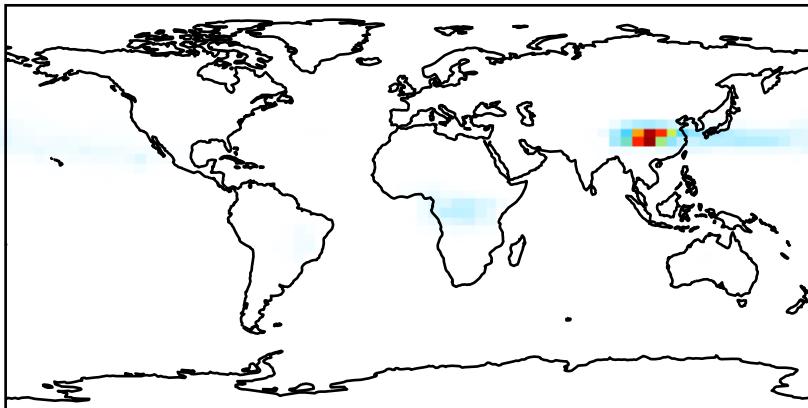


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

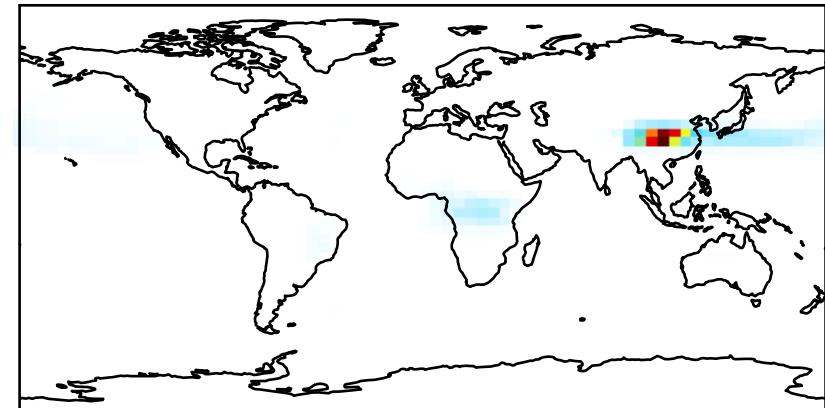


# SpeciesConc\_NH3

GC\_12.0.0 (Ref)  
4x5



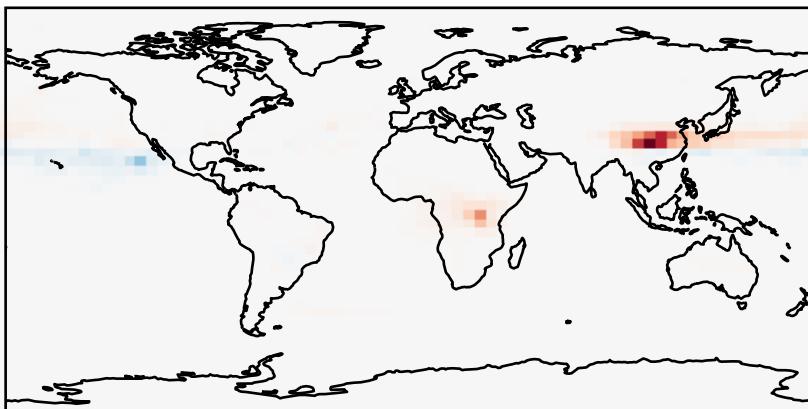
GC\_12.4.0 (Dev)  
4x5



0.025 0.050 0.075 0.100 0.125 0.150 0.175 0.200  
ppb

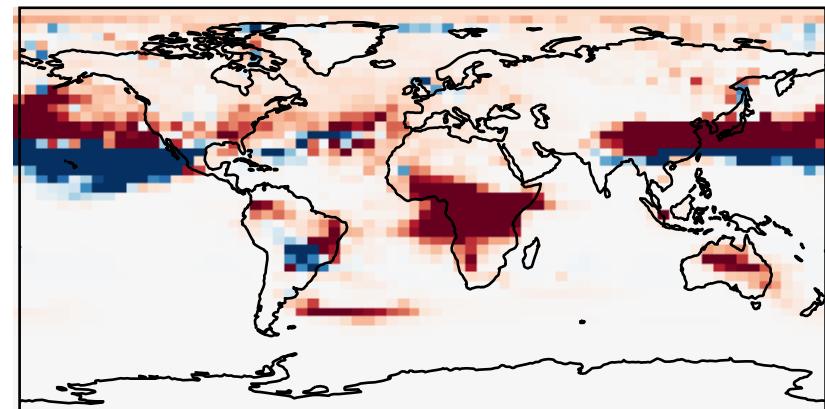
0.025 0.050 0.075 0.100 0.125 0.150 0.175 0.200  
ppb

Difference  
Dev - Ref, Dynamic Range



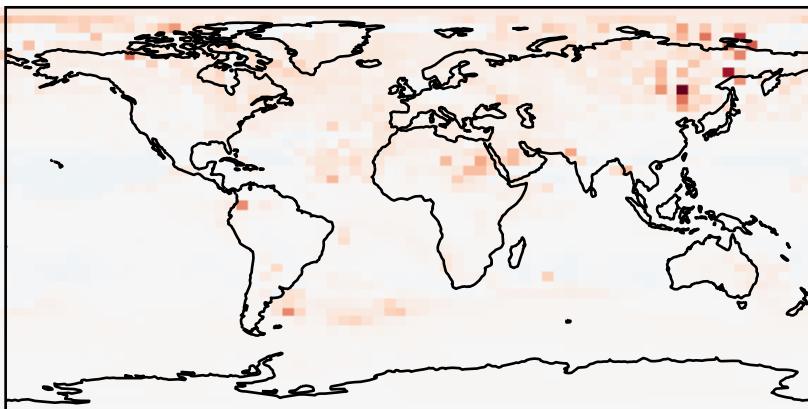
-0.015 0.000 0.015  
ppb

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



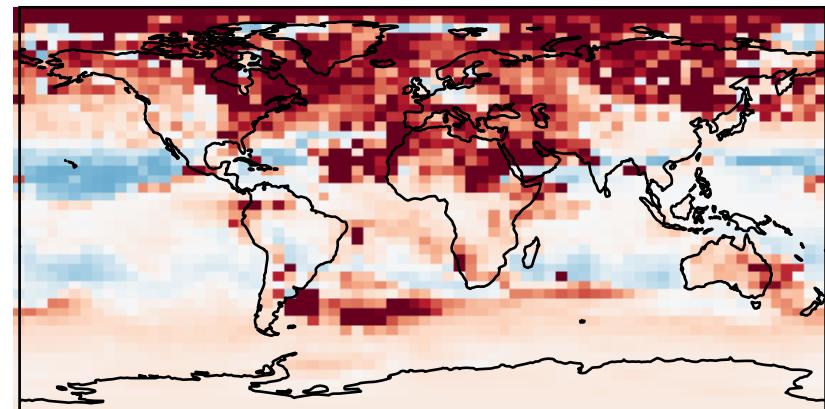
-0.00015 0.00000 0.00015  
ppb

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



-20 -15 -10 -5 0 5 10 15 20  
unitless

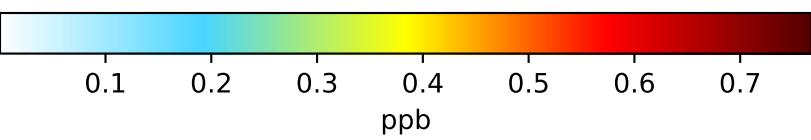
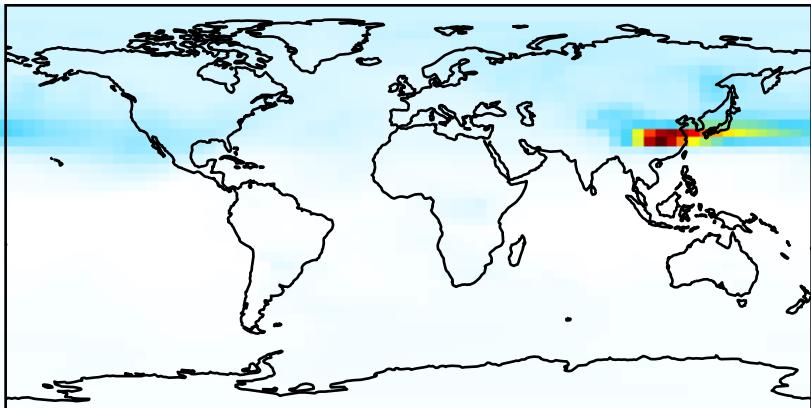
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



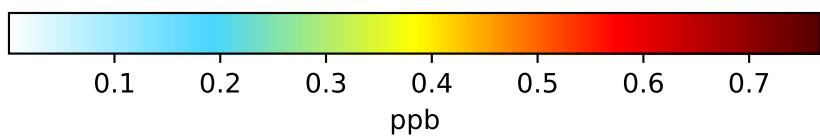
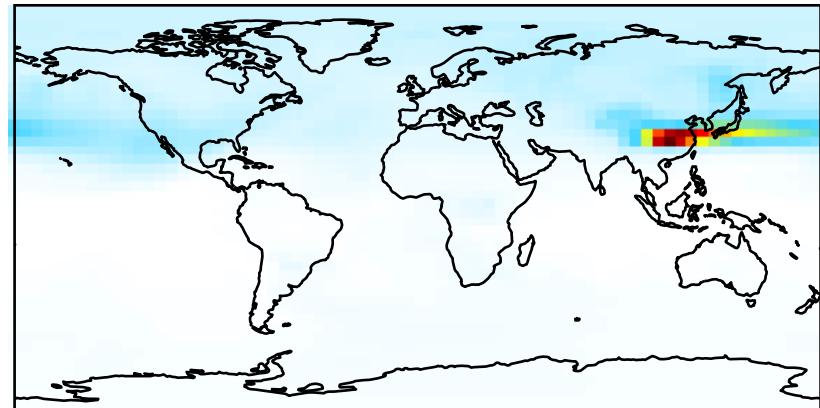
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0  
unitless

# SpeciesConc\_NH4

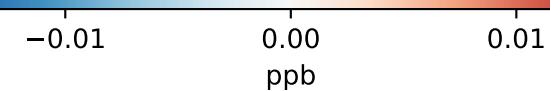
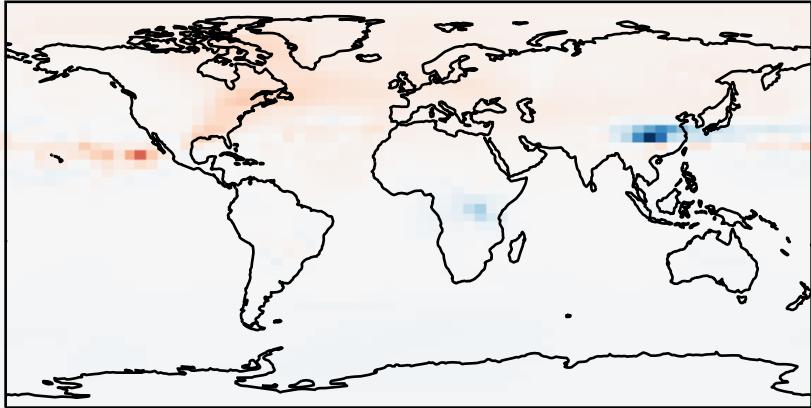
GC\_12.0.0 (Ref)  
4x5



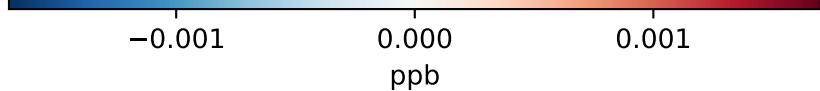
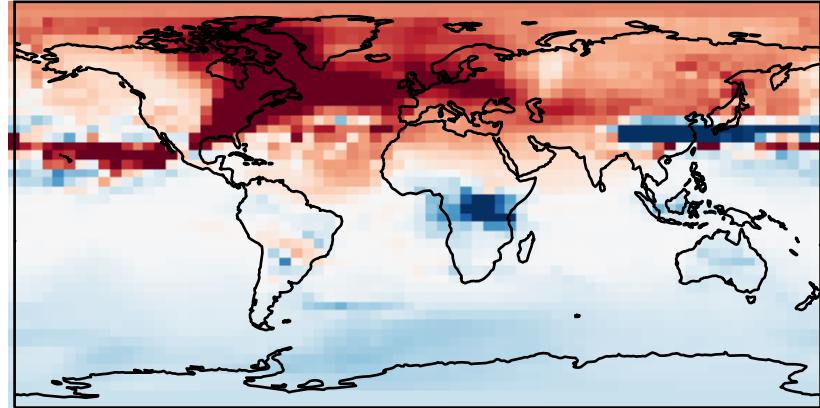
GC\_12.4.0 (Dev)  
4x5



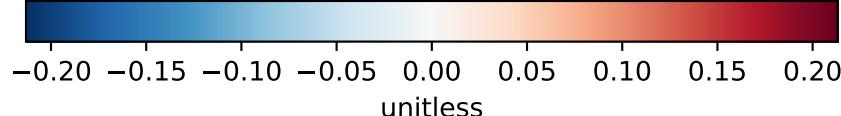
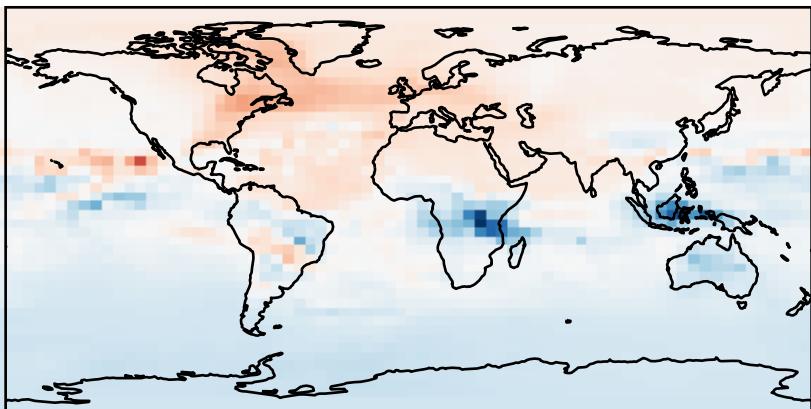
Difference  
Dev - Ref, Dynamic Range



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



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



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

