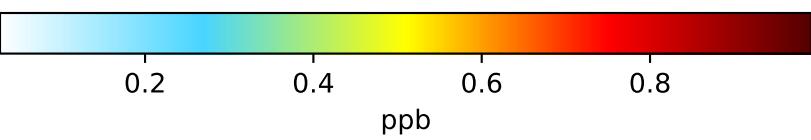
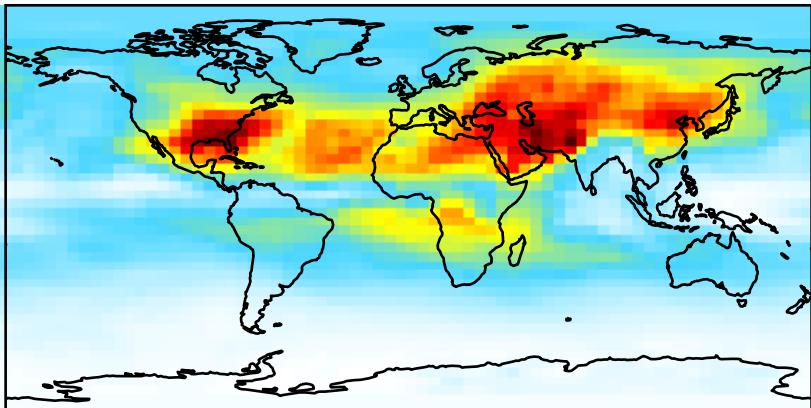
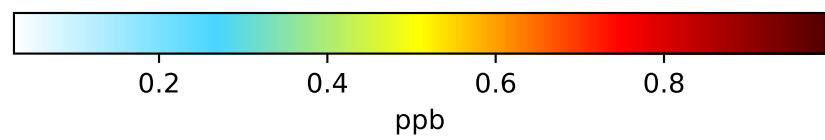
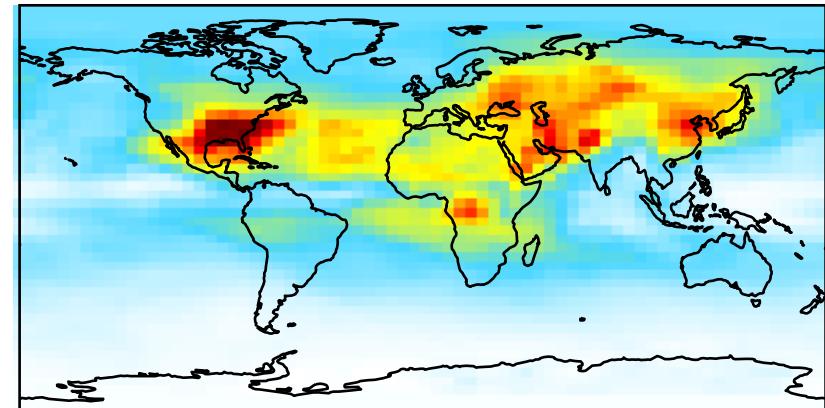


# SpeciesConc\_NOy

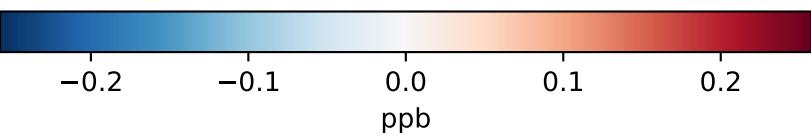
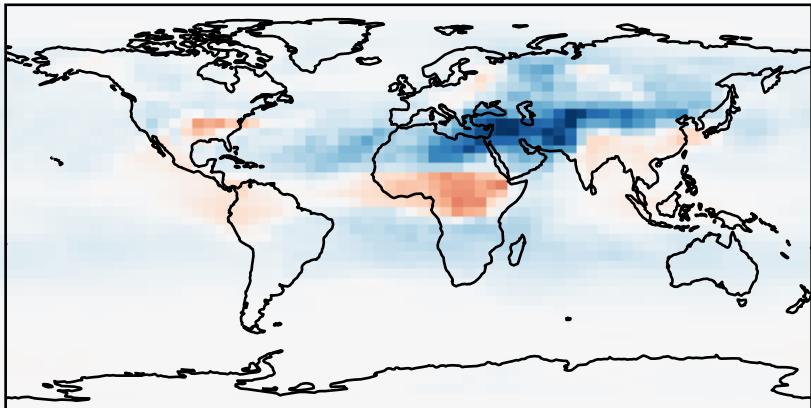
GC\_12.0.0 (Ref)  
4x5



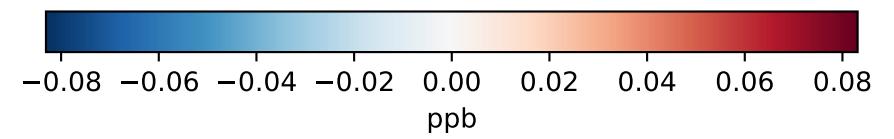
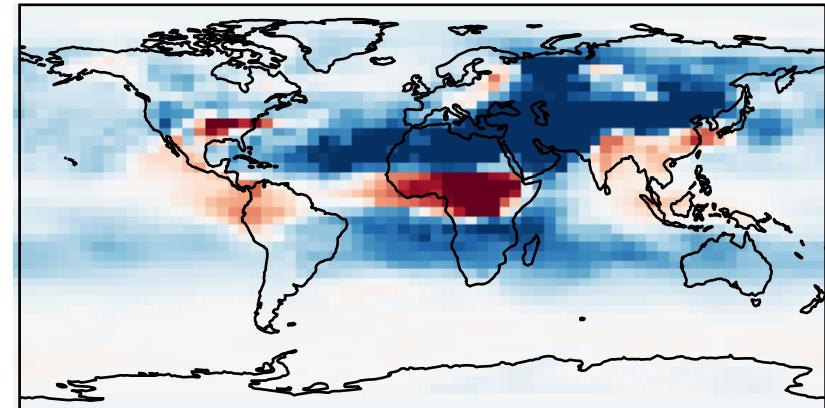
GC\_12.4.0 (Dev)  
4x5



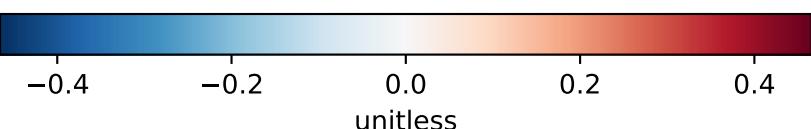
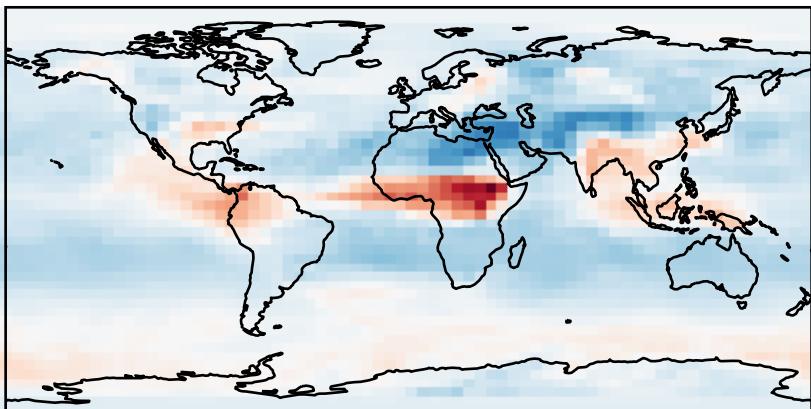
Difference  
Dev - Ref, Dynamic Range



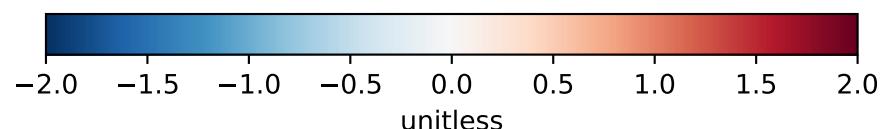
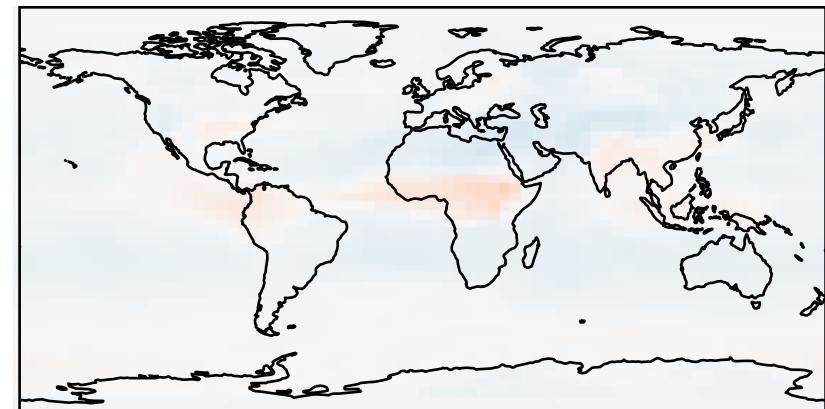
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

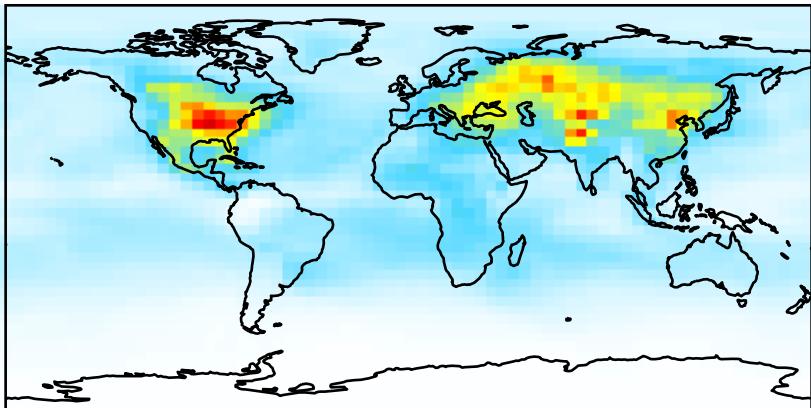


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

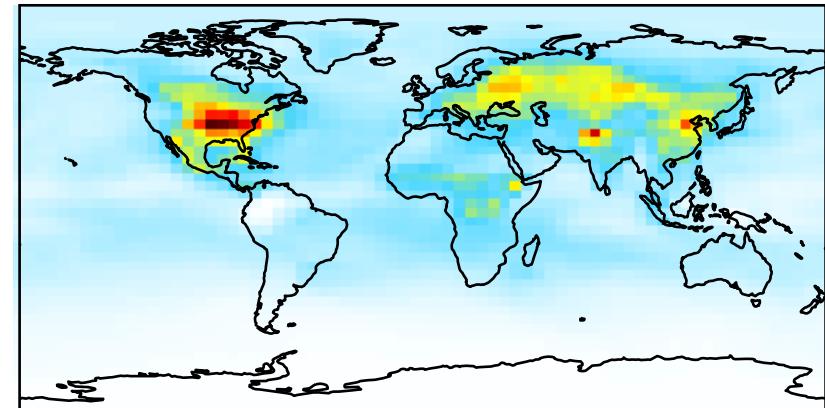


# SpeciesConc\_NOx

GC\_12.0.0 (Ref)  
4x5



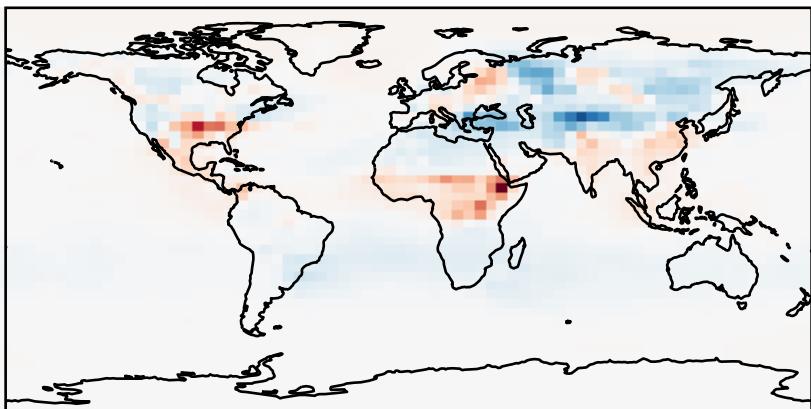
GC\_12.4.0 (Dev)  
4x5



0.05 0.10 0.15 0.20 0.25  
ppb

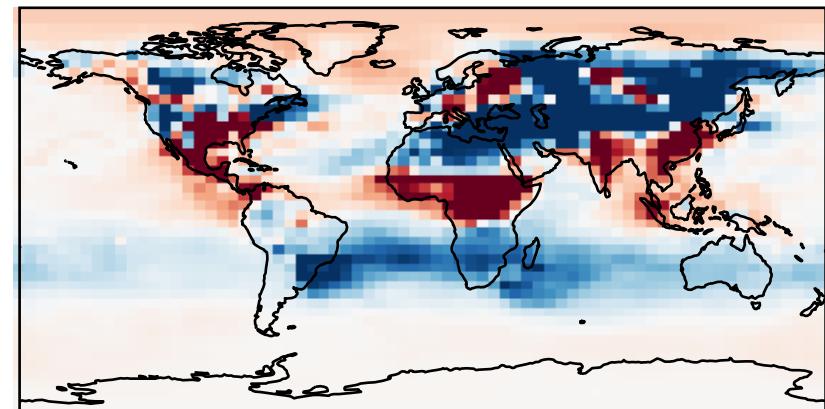
0.05 0.10 0.15 0.20 0.25  
ppb

Difference  
Dev - Ref, Dynamic Range



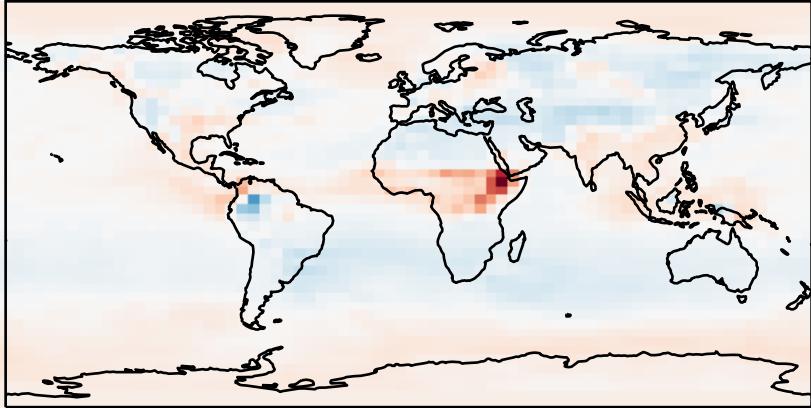
-0.06 -0.04 -0.02 0.00 0.02 0.04 0.06  
ppb

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



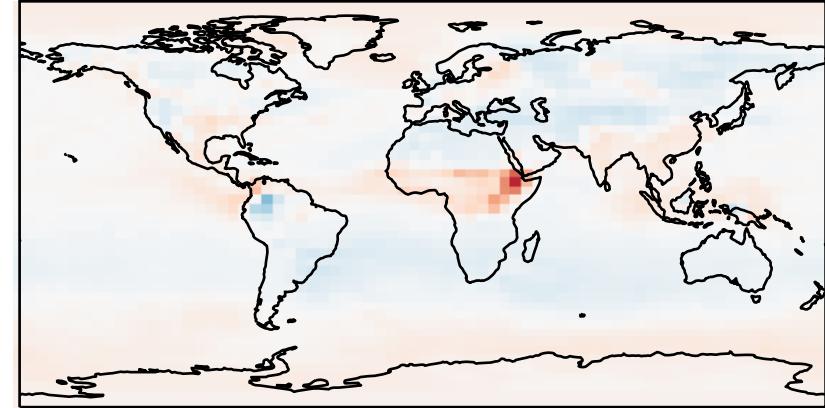
-0.005 0.000 0.005  
ppb

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



-1.5 -1.0 -0.5 0.0 0.5 1.0 1.5  
unitless

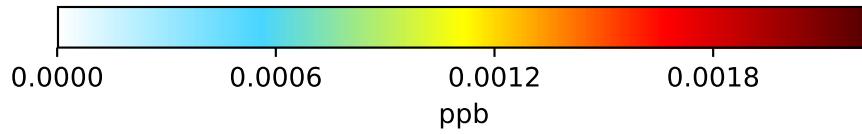
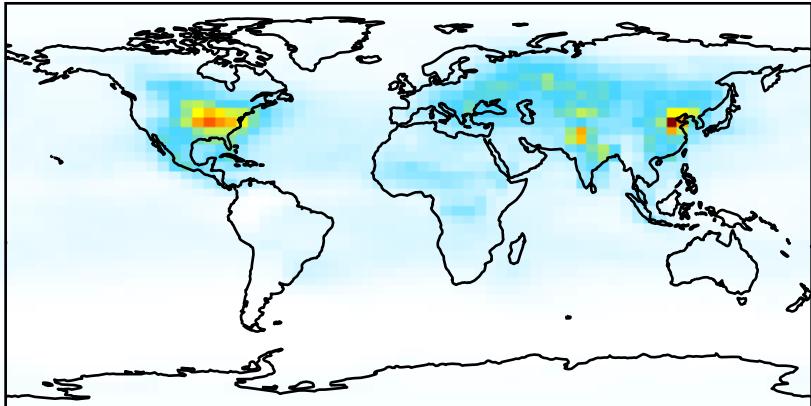
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



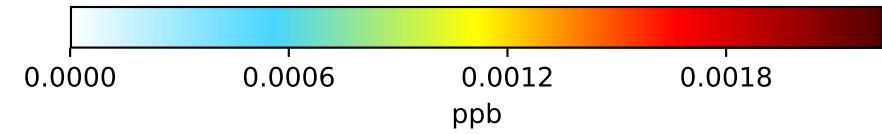
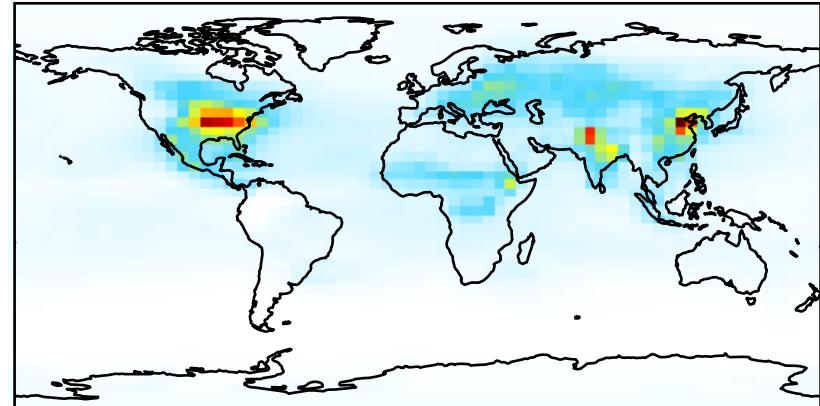
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0  
unitless

# SpeciesConc\_HNO2

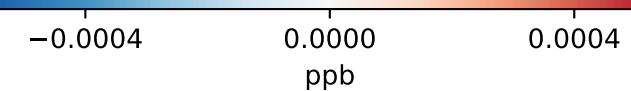
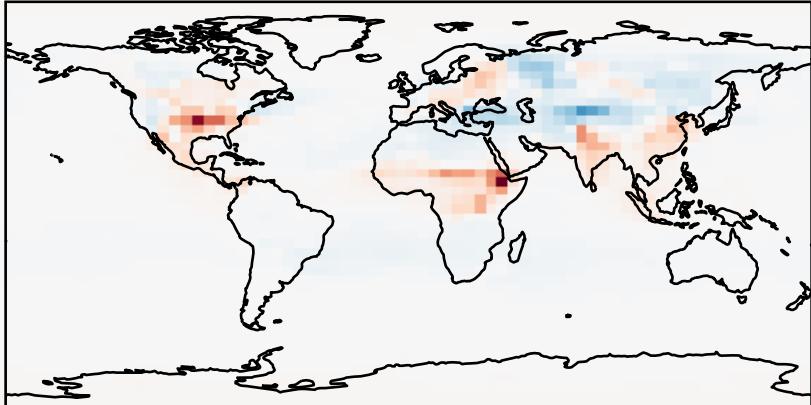
GC\_12.0.0 (Ref)  
4x5



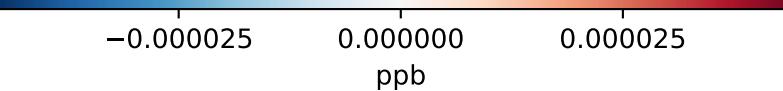
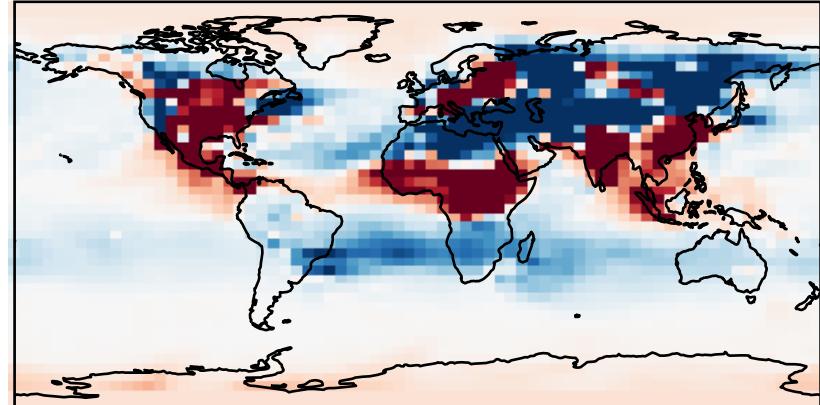
GC\_12.4.0 (Dev)  
4x5



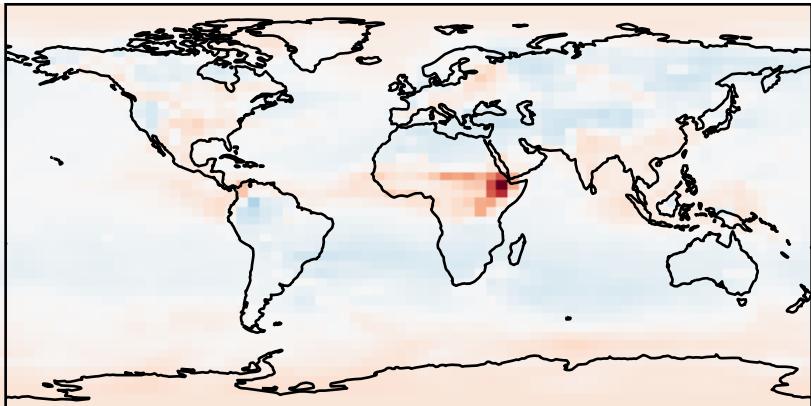
Difference  
Dev - Ref, Dynamic Range



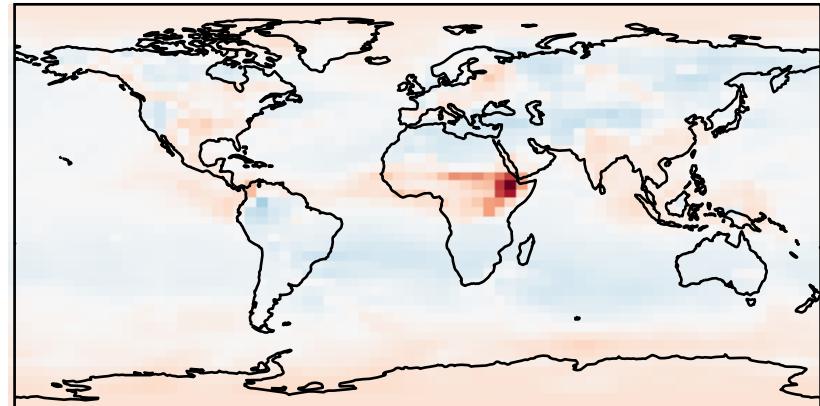
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

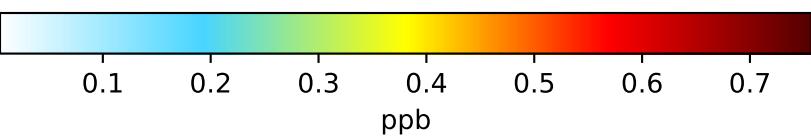
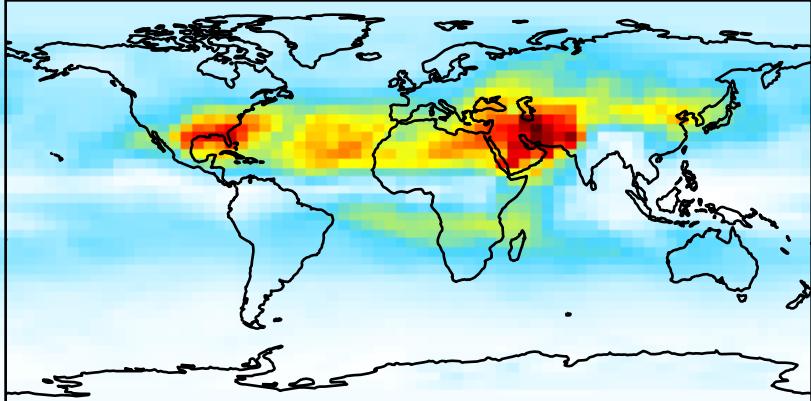


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

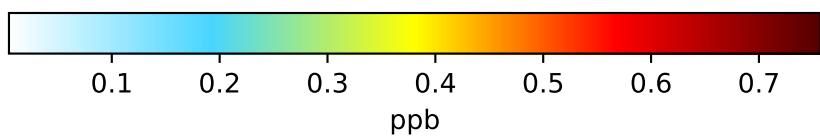
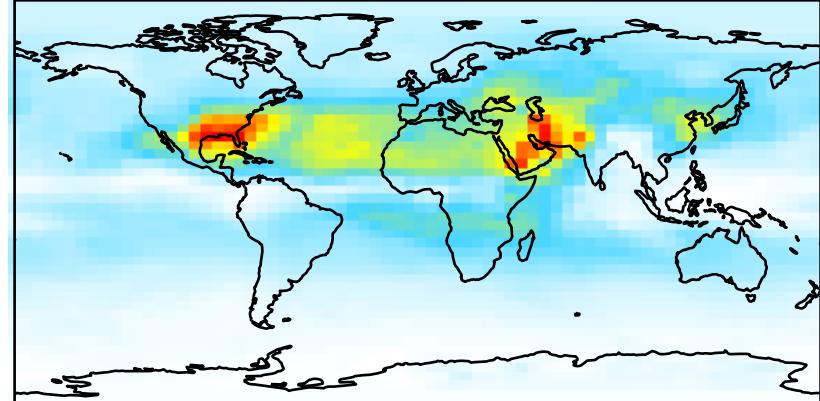


# SpeciesConc\_HNO3

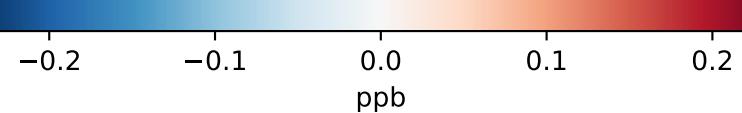
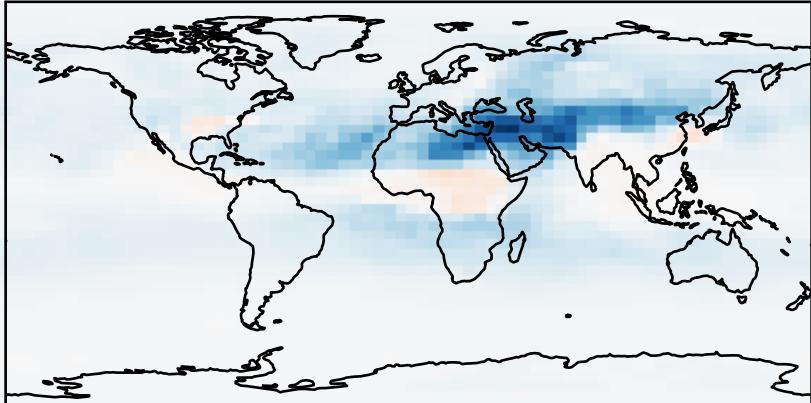
GC\_12.0.0 (Ref)  
4x5



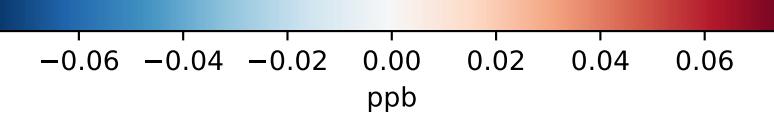
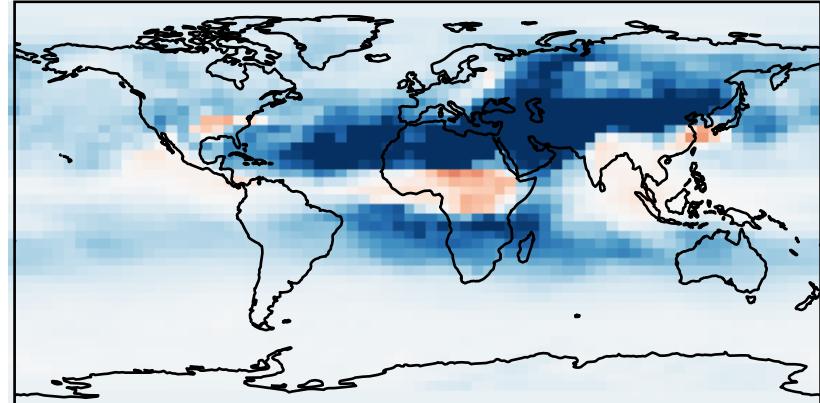
GC\_12.4.0 (Dev)  
4x5



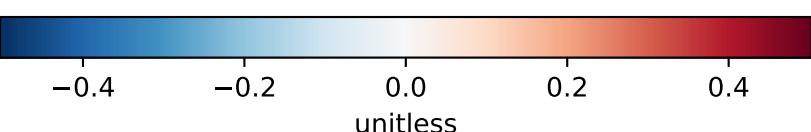
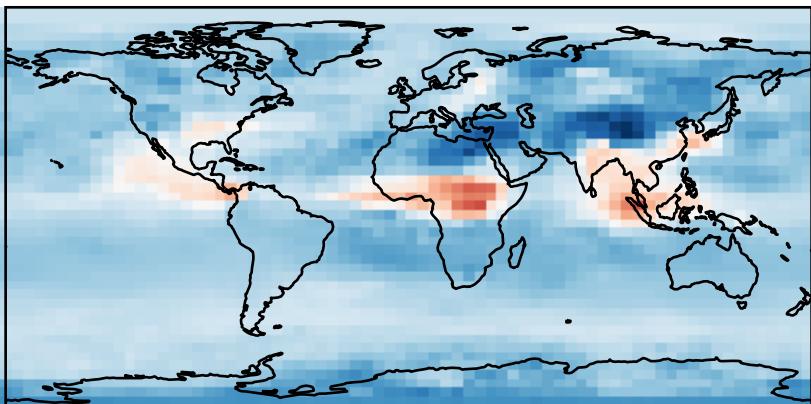
Difference  
Dev - Ref, Dynamic Range



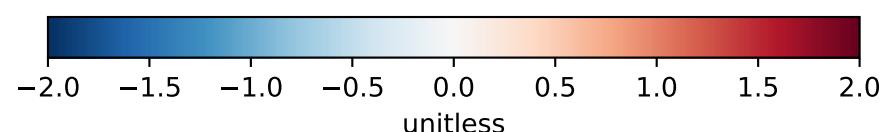
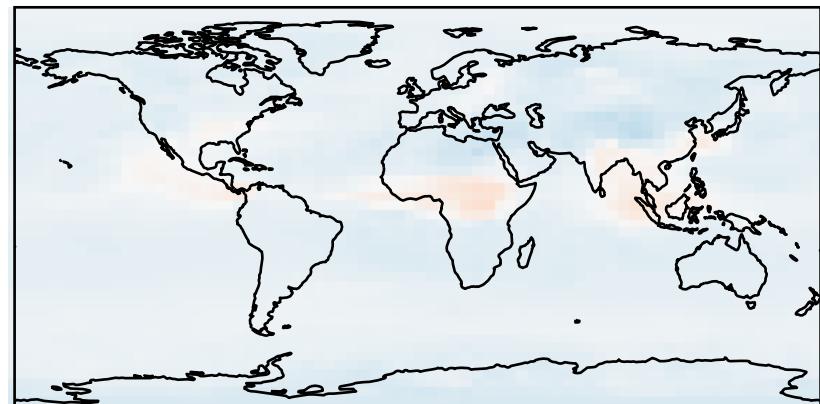
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

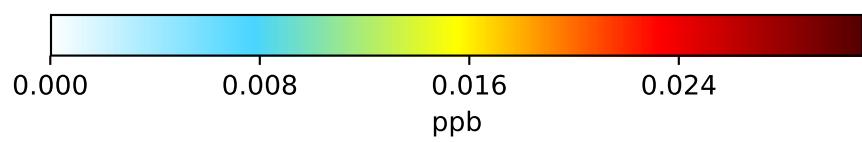
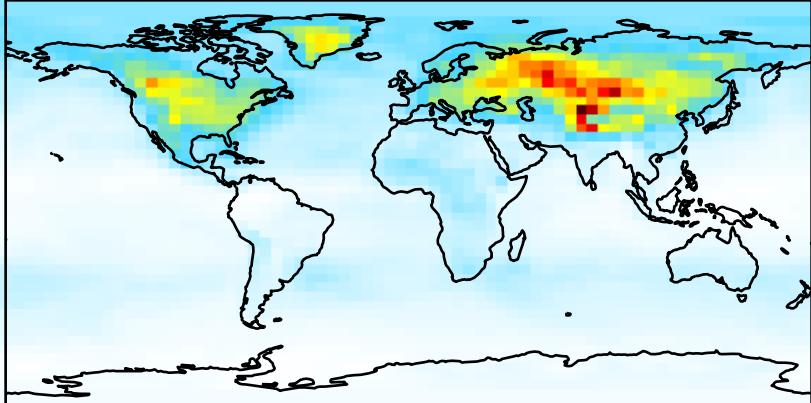


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

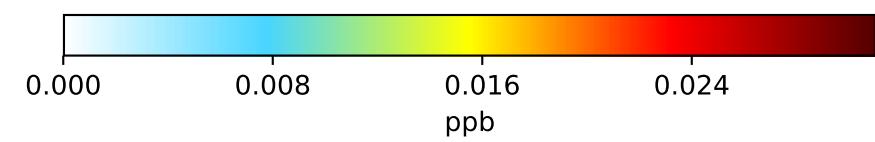
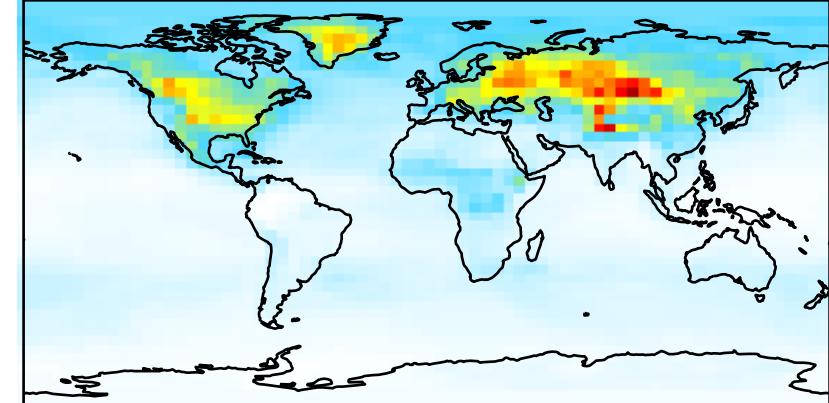


# SpeciesConc\_HNO4

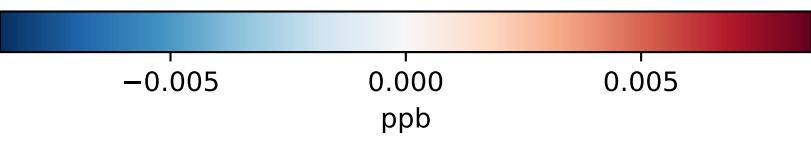
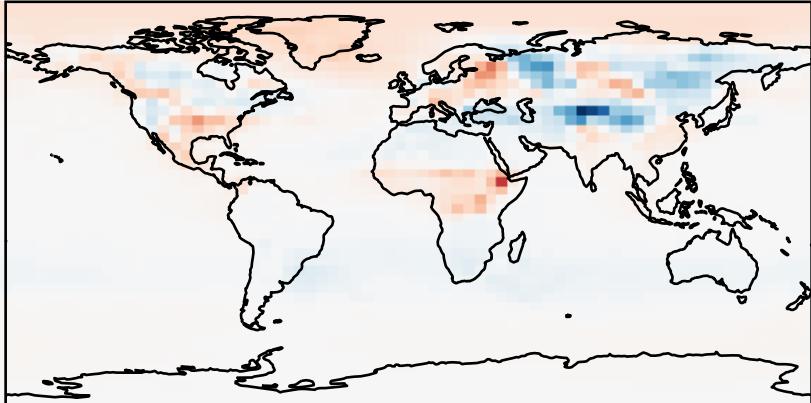
GC\_12.0.0 (Ref)  
4x5



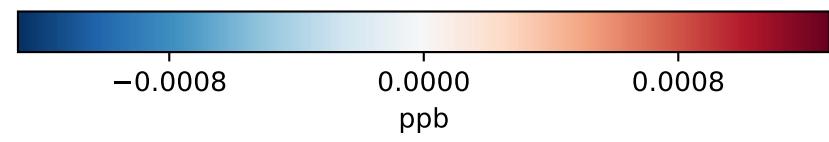
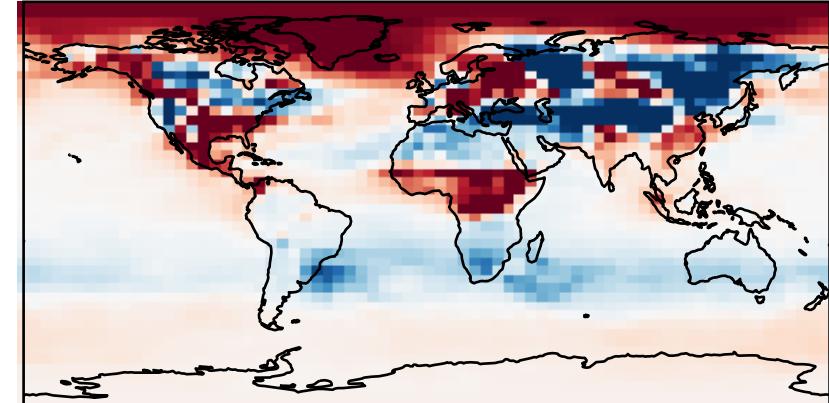
GC\_12.4.0 (Dev)  
4x5



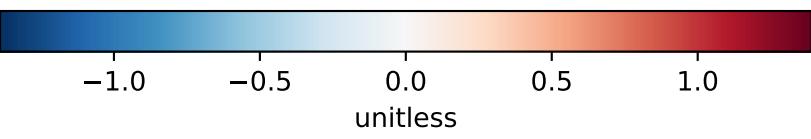
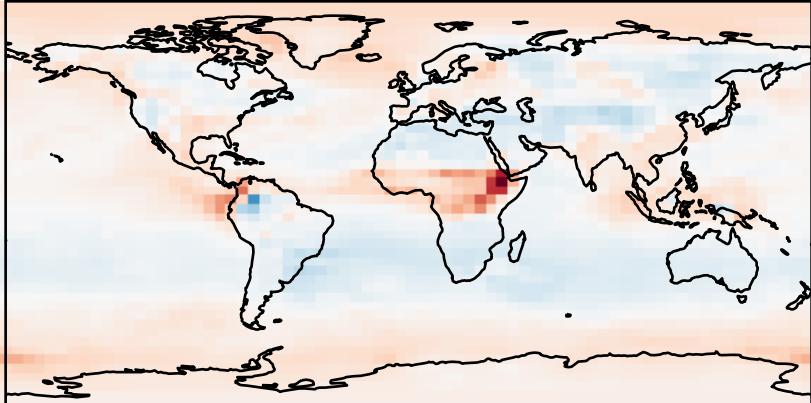
Difference  
Dev - Ref, Dynamic Range



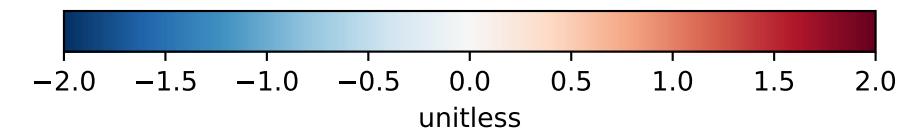
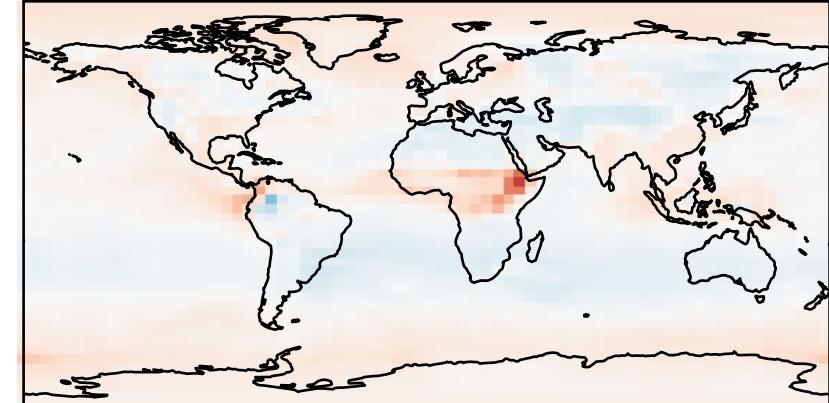
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

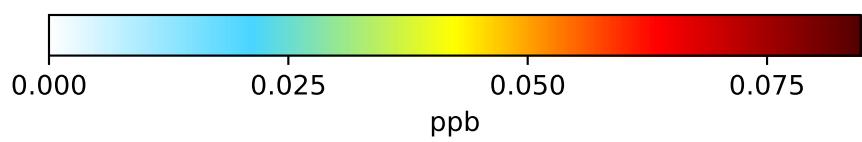
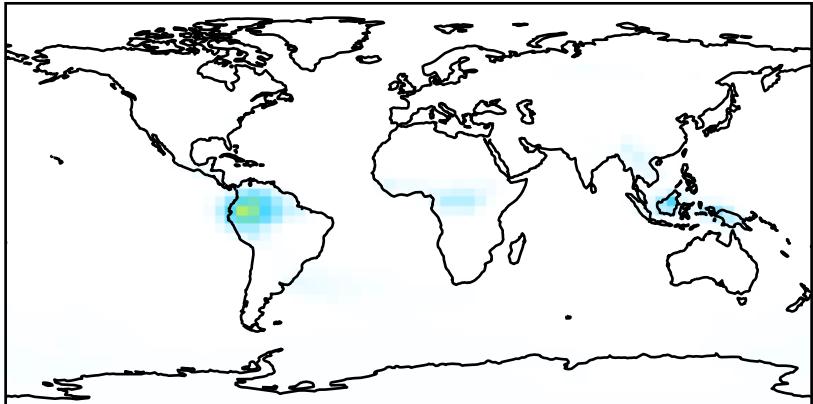


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

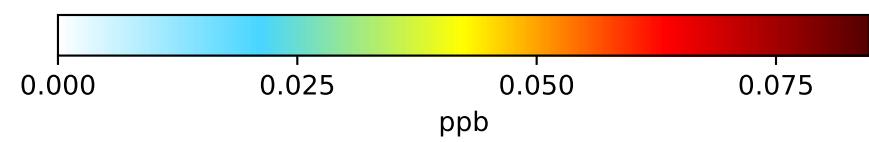
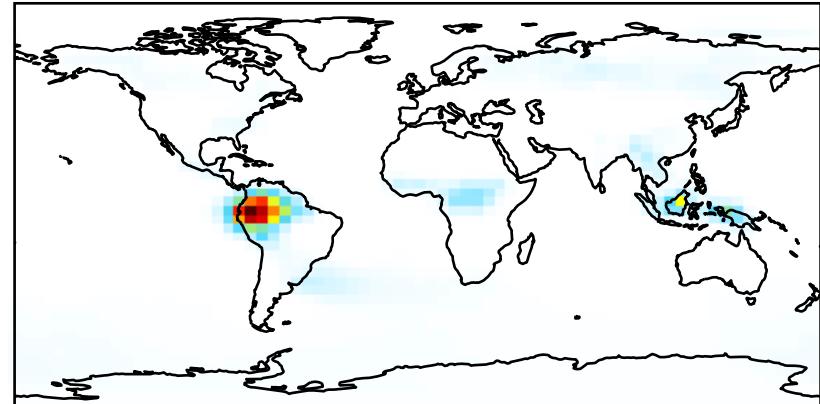


# SpeciesConc\_IPMN

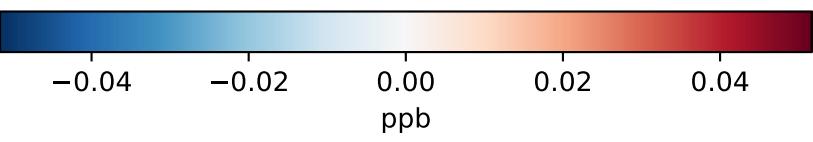
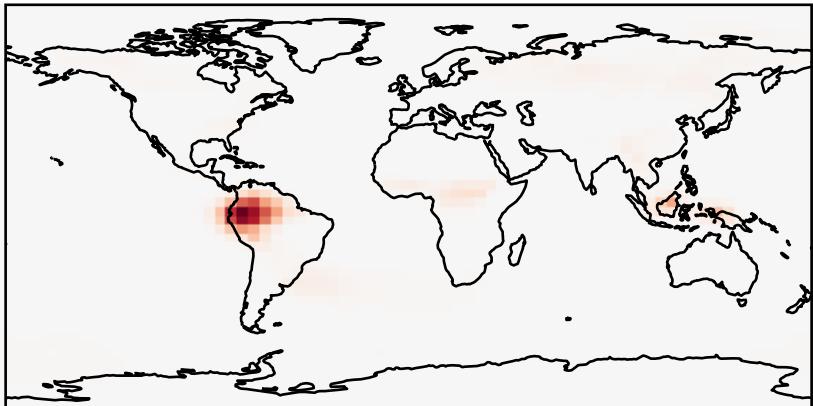
GC\_12.0.0 (Ref)  
4x5



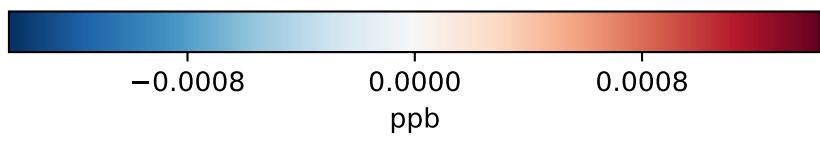
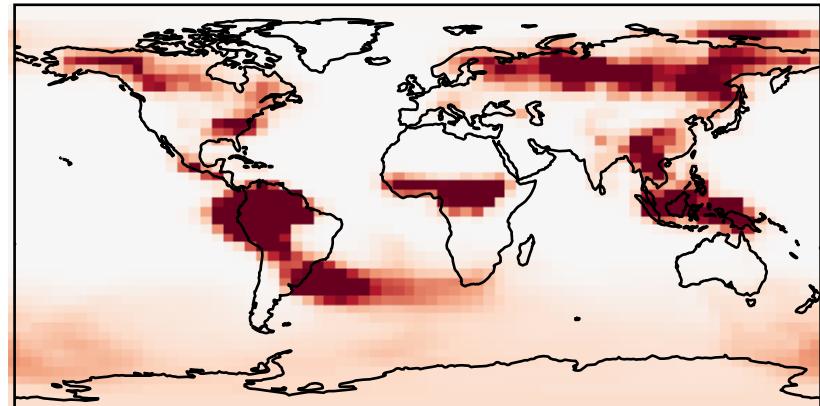
GC\_12.4.0 (Dev)  
4x5



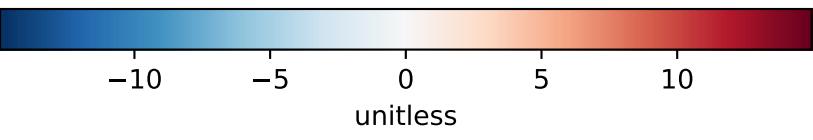
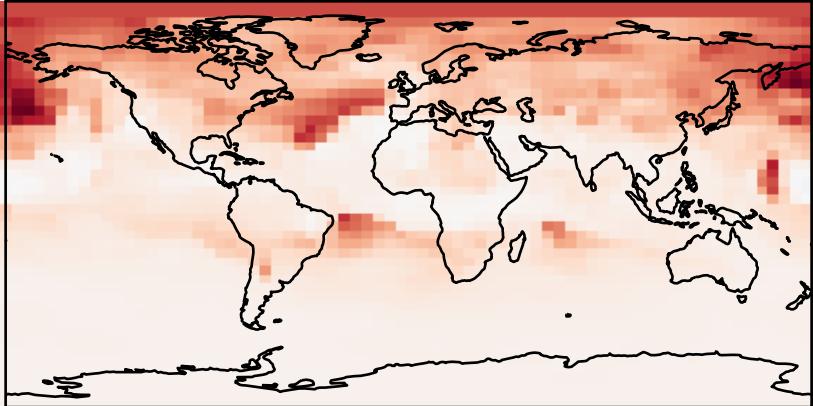
Difference  
Dev - Ref, Dynamic Range



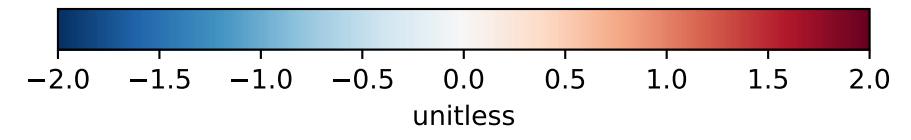
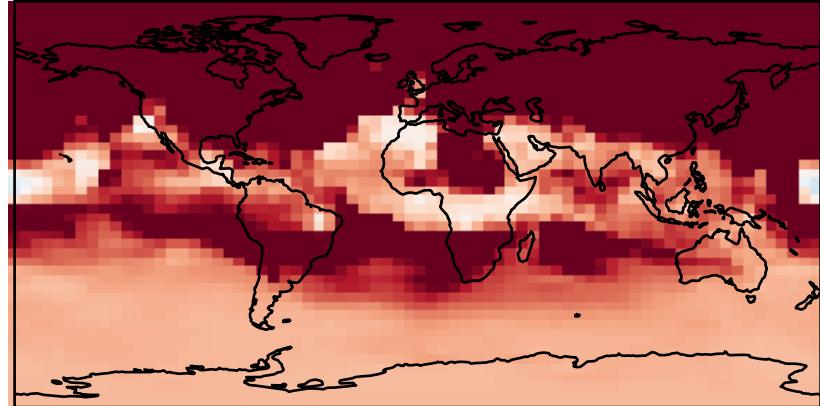
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

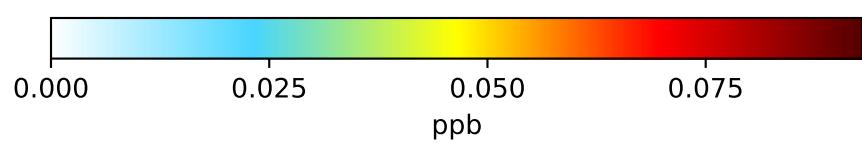
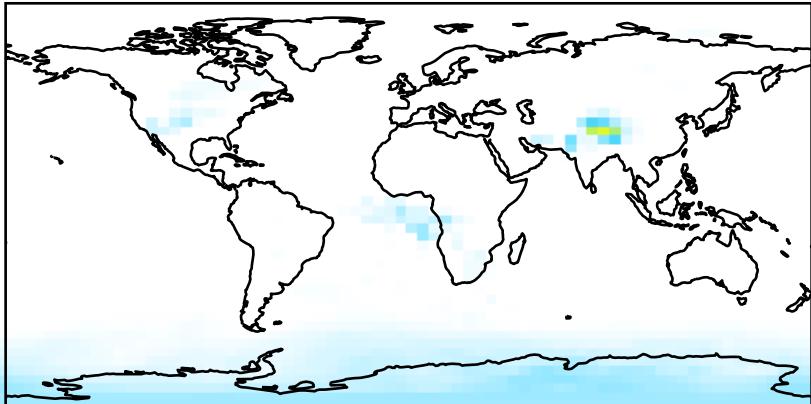


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

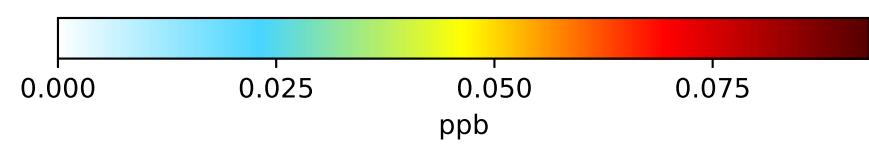
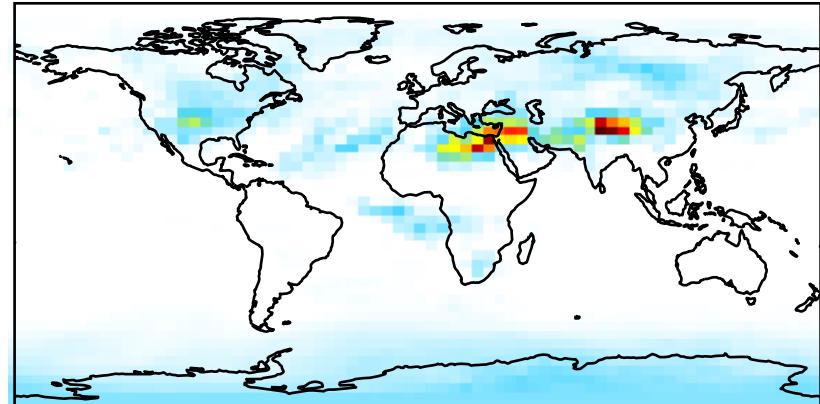


# SpeciesConc\_NIT

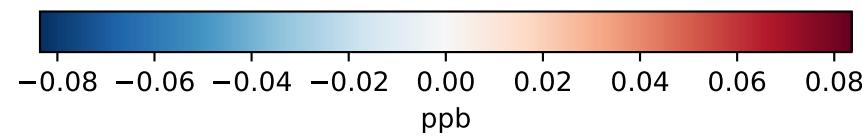
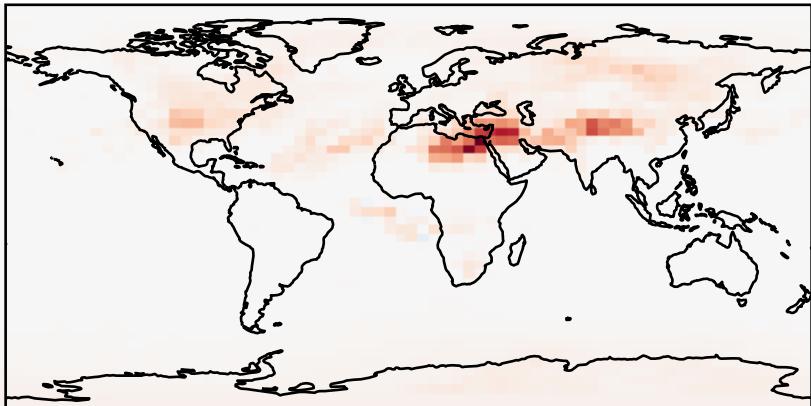
GC\_12.0.0 (Ref)  
4x5



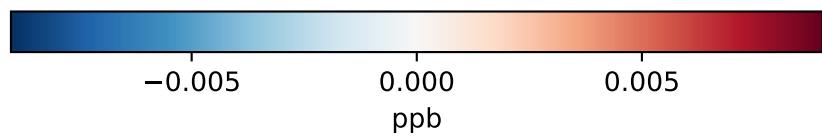
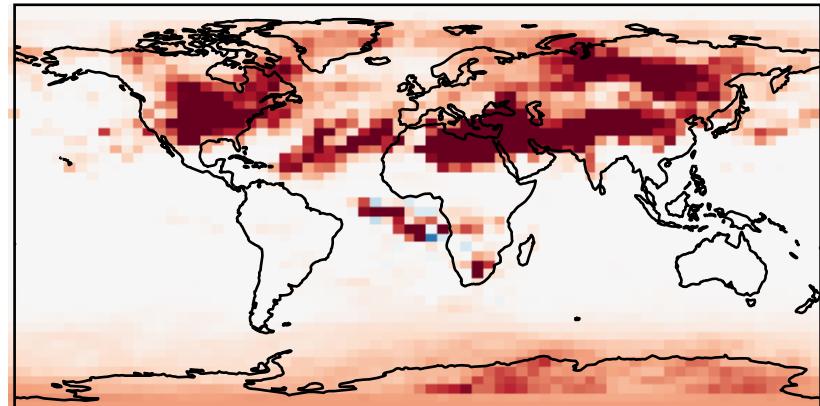
GC\_12.4.0 (Dev)  
4x5



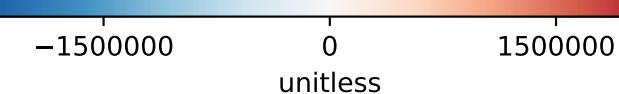
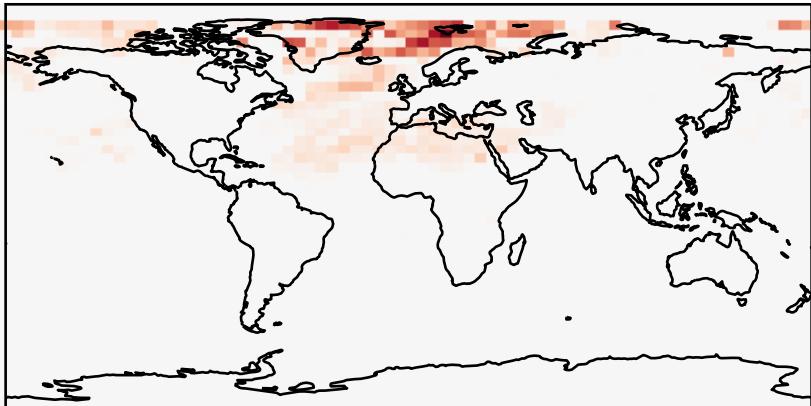
Difference  
Dev - Ref, Dynamic Range



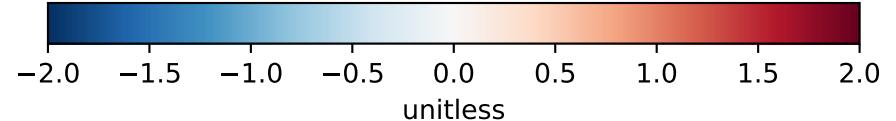
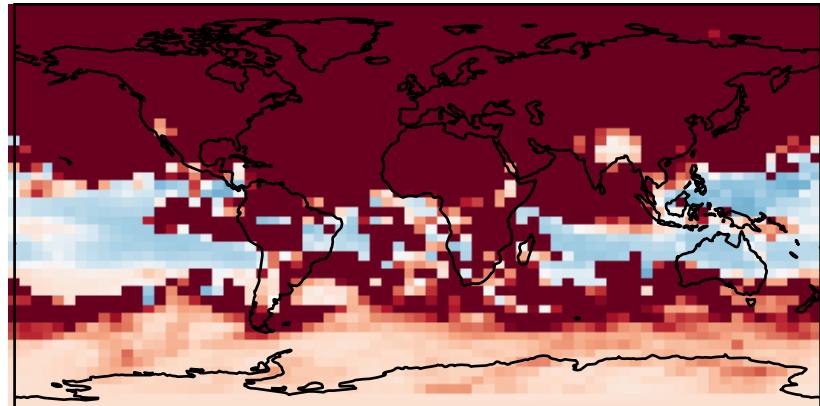
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

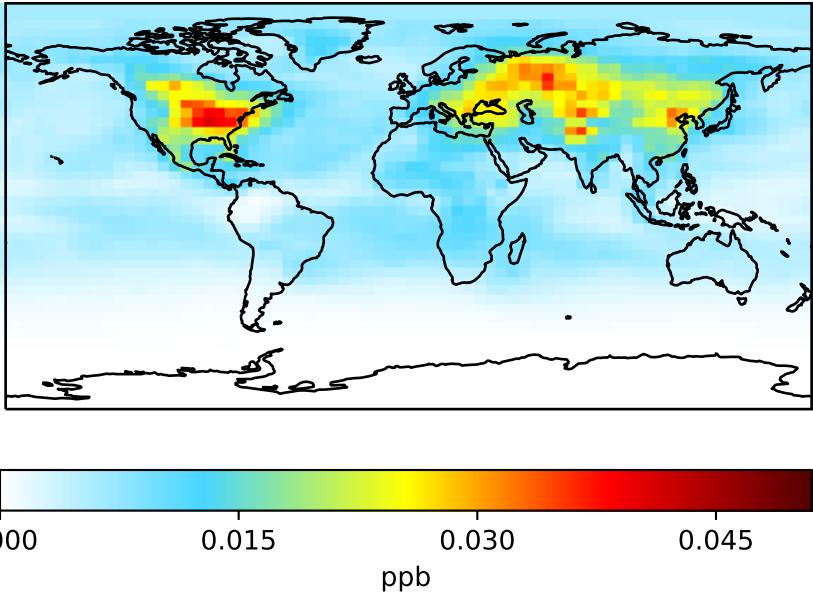


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

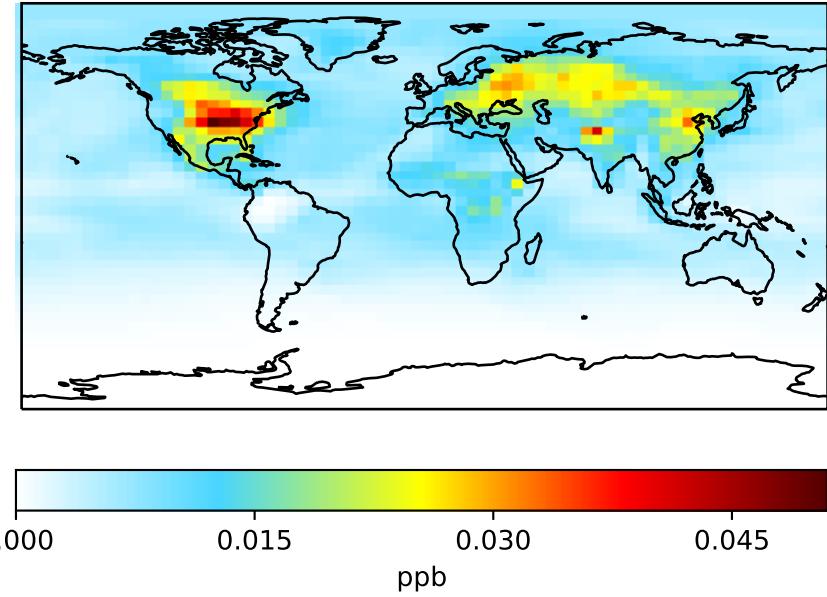


# SpeciesConc\_NO

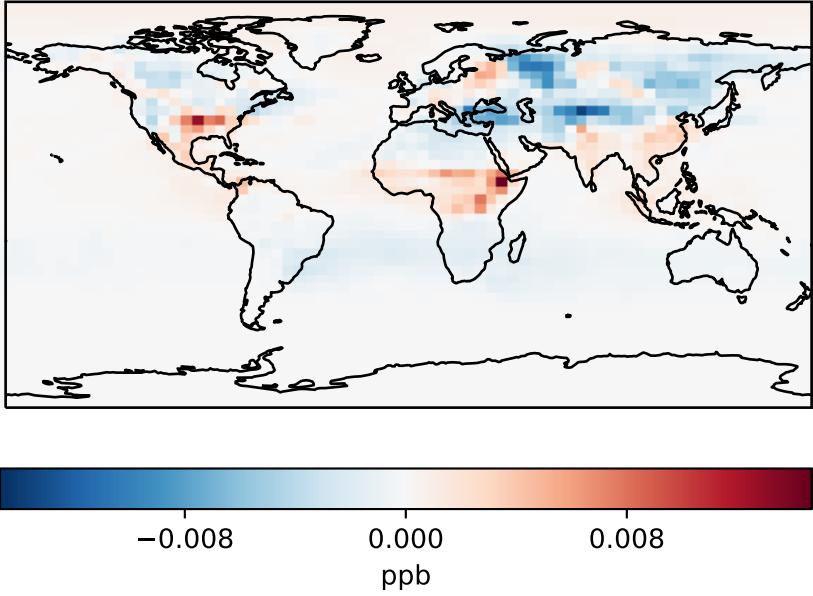
GC\_12.0.0 (Ref)  
4x5



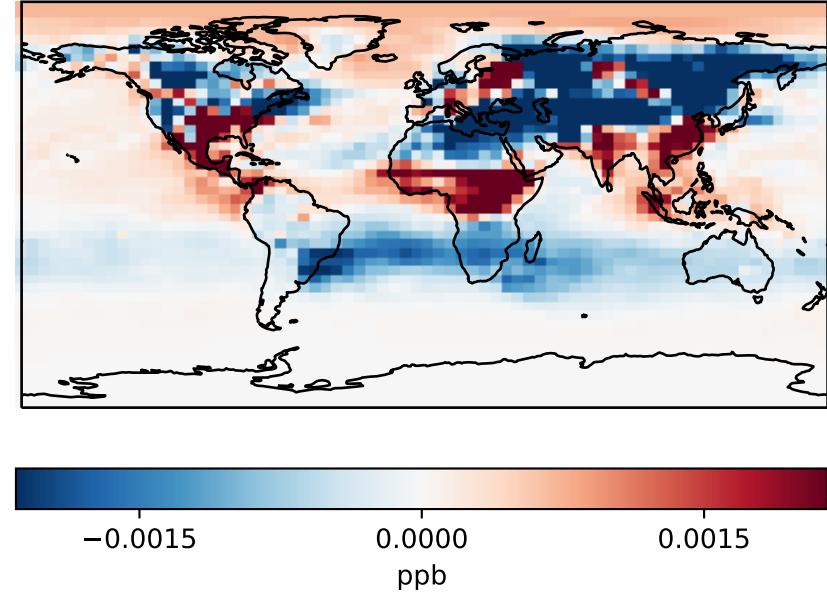
GC\_12.4.0 (Dev)  
4x5



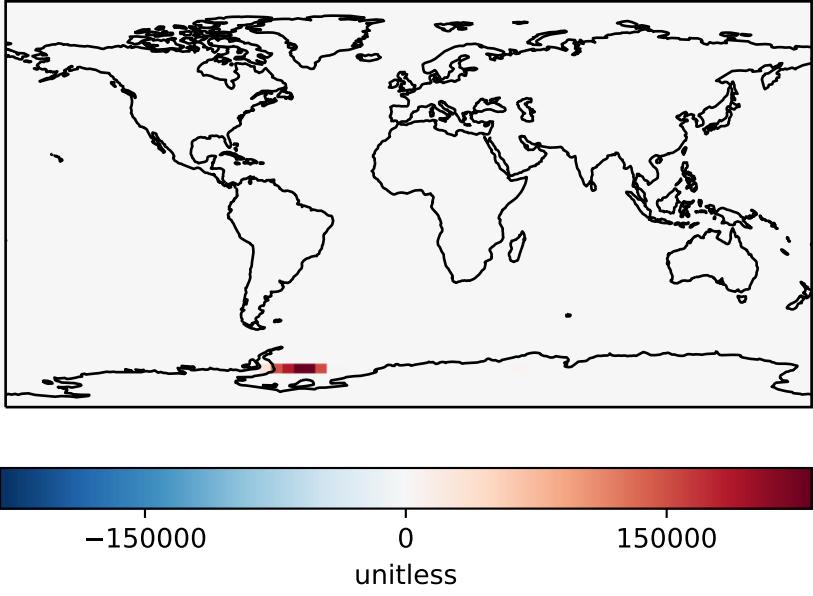
Difference  
Dev - Ref, Dynamic Range



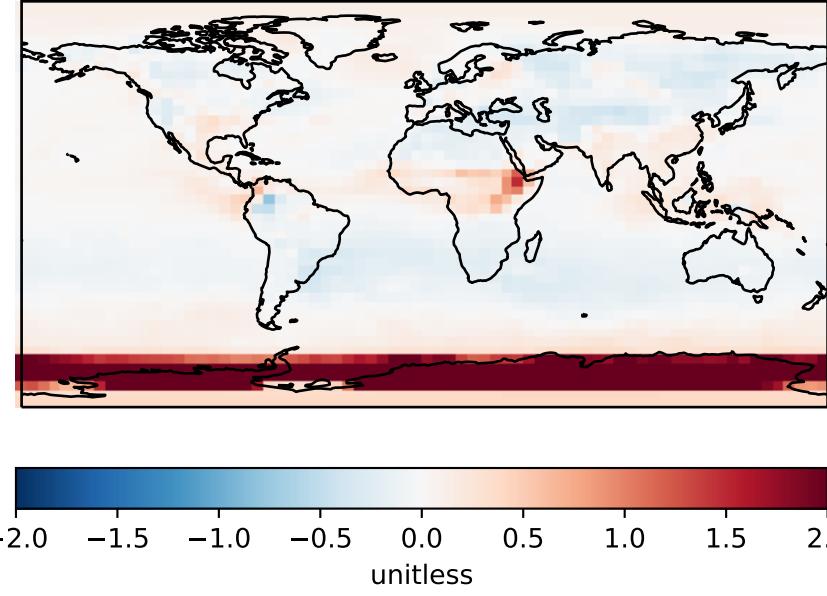
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

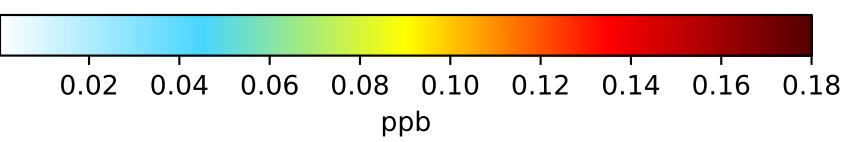
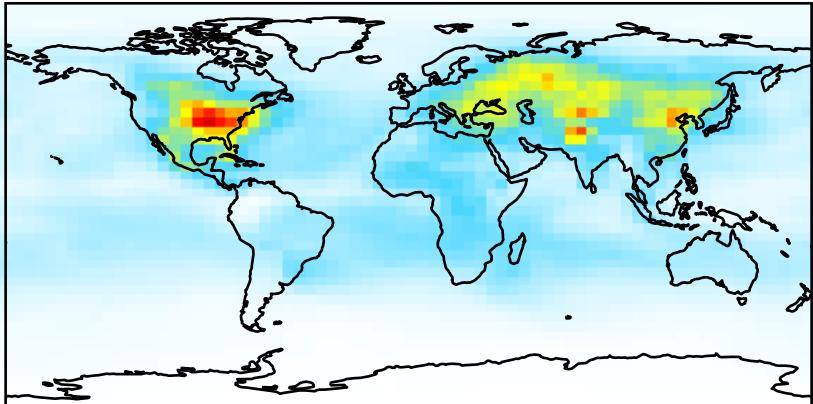


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

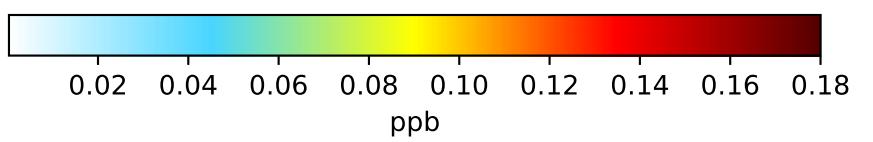
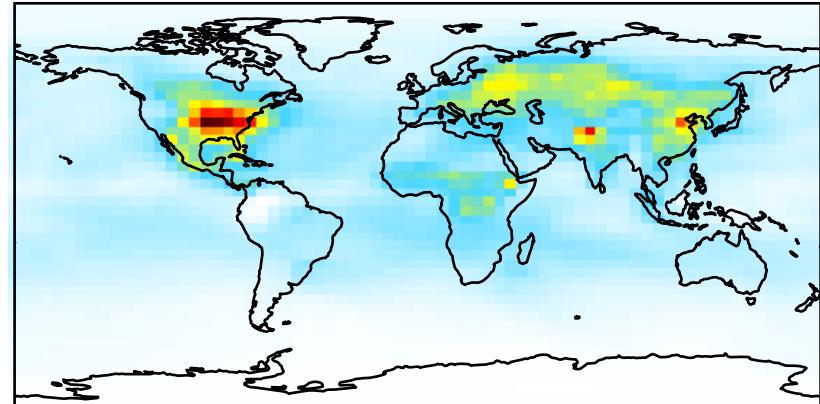


# SpeciesConc\_NO2

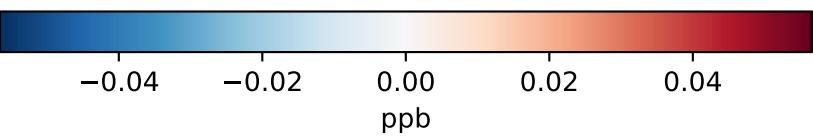
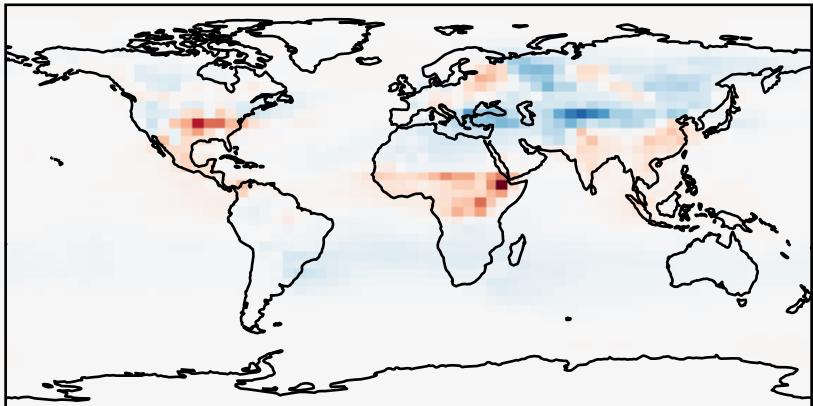
GC\_12.0.0 (Ref)  
4x5



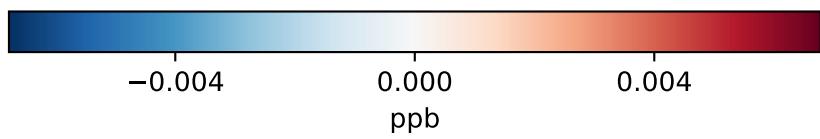
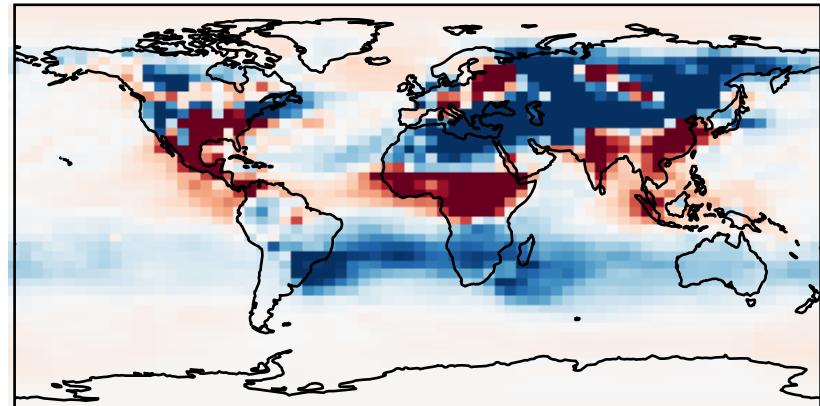
GC\_12.4.0 (Dev)  
4x5



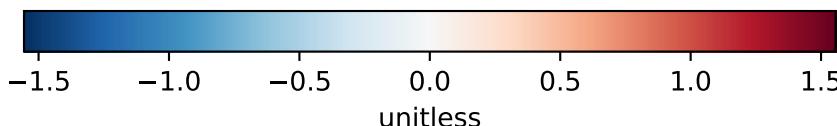
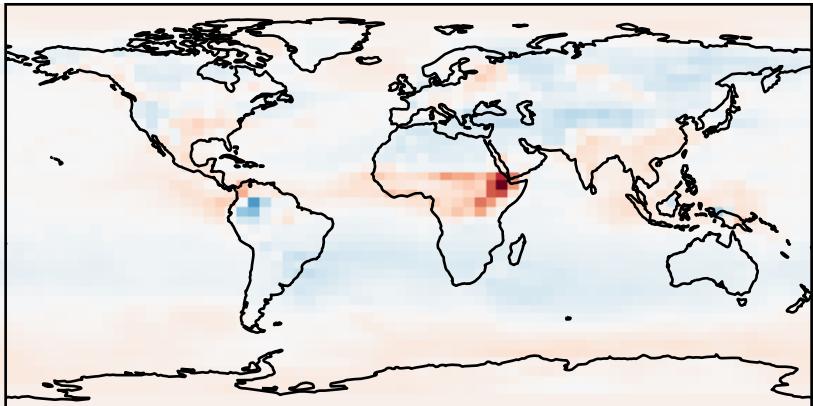
Difference  
Dev - Ref, Dynamic Range



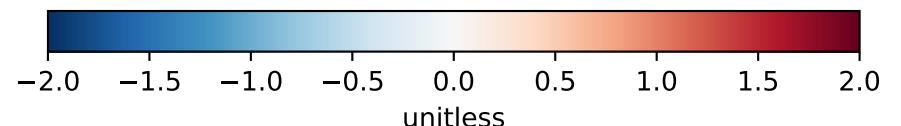
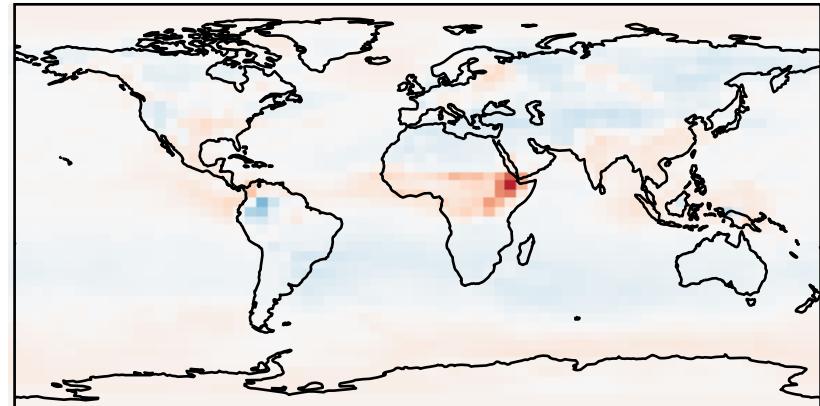
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

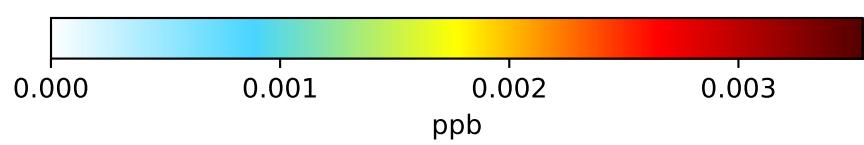
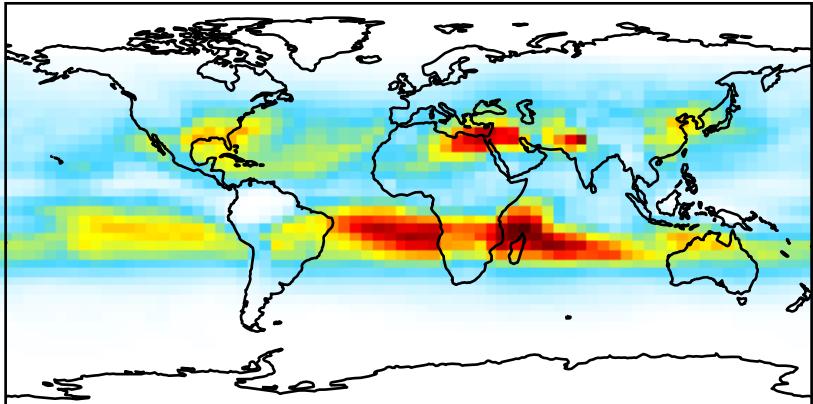


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

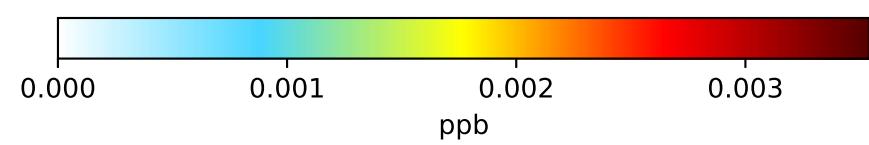
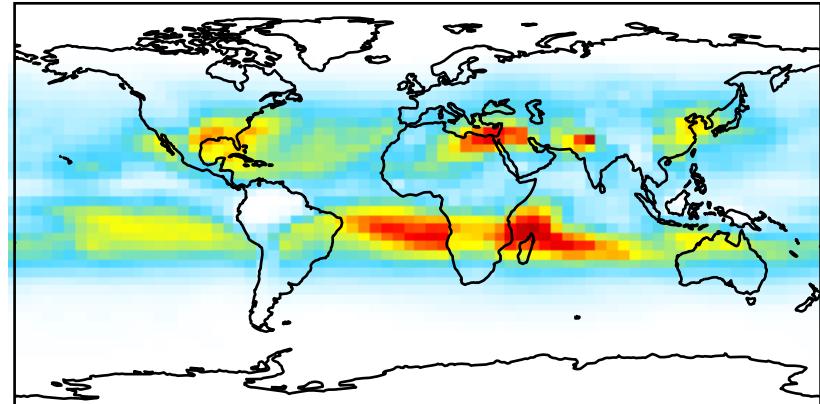


# SpeciesConc\_NO3

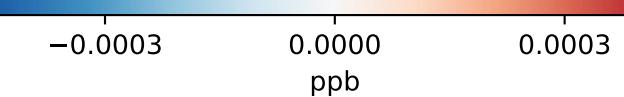
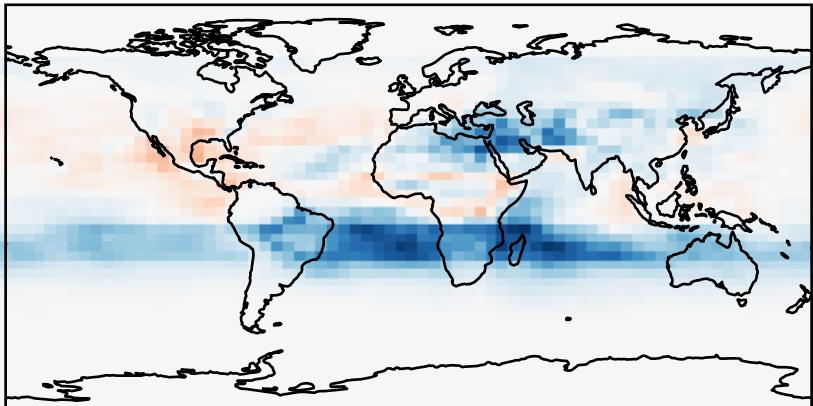
GC\_12.0.0 (Ref)  
4x5



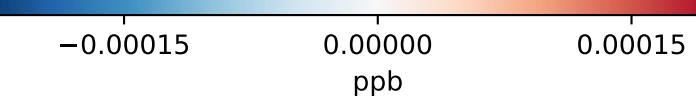
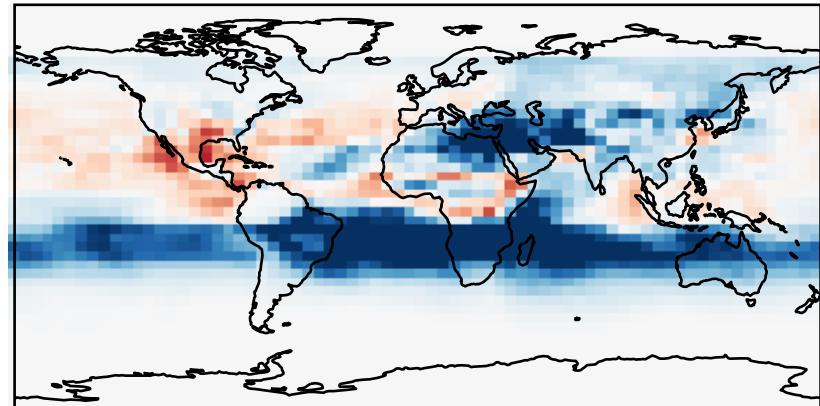
GC\_12.4.0 (Dev)  
4x5



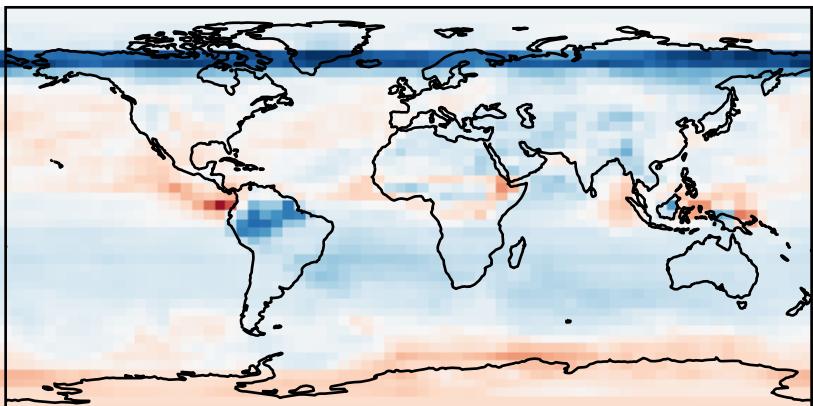
Difference  
Dev - Ref, Dynamic Range



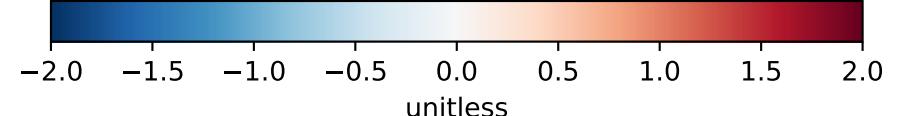
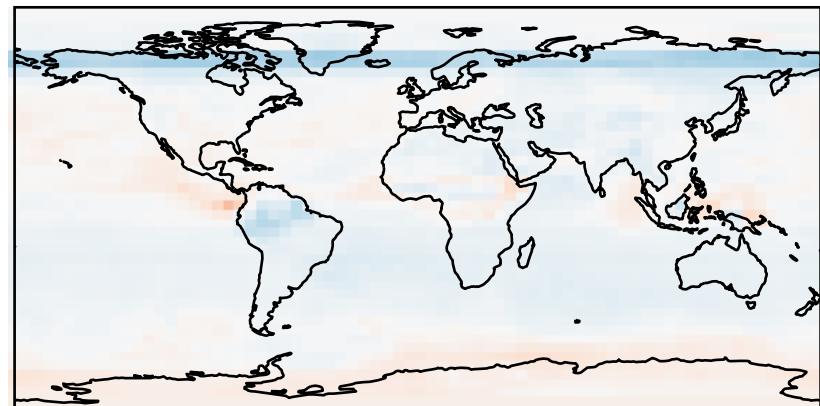
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

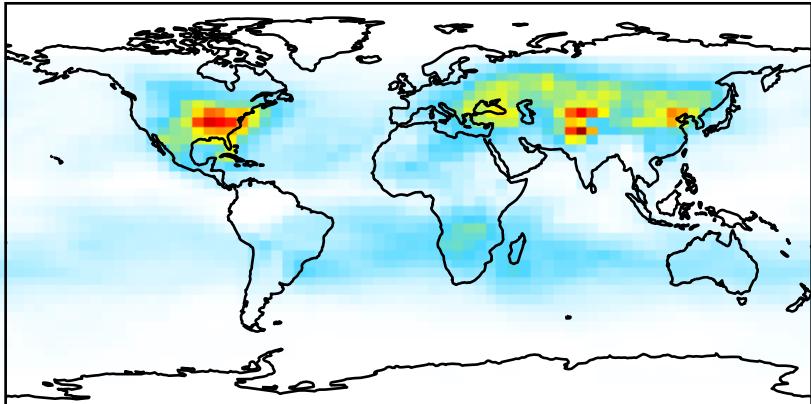


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

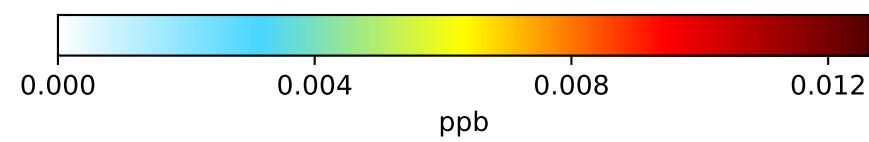
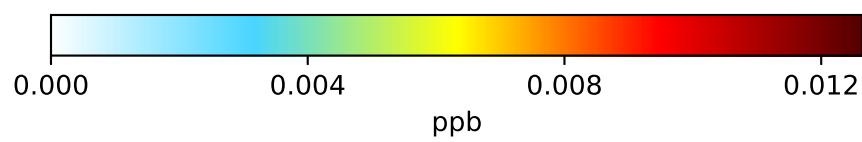
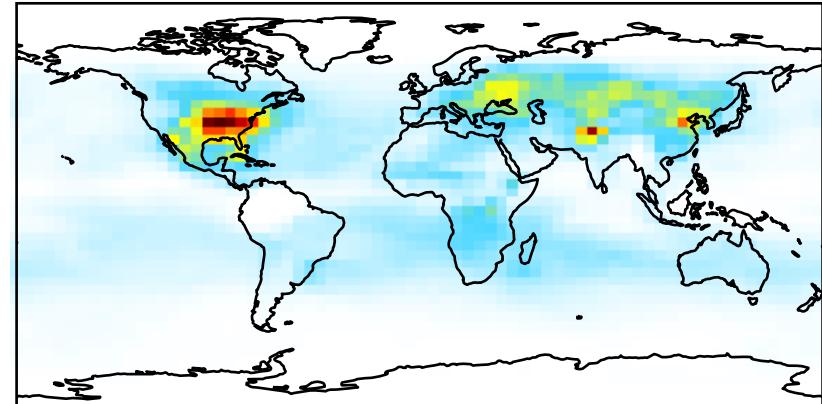


# SpeciesConc\_N2O5

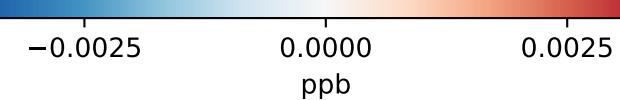
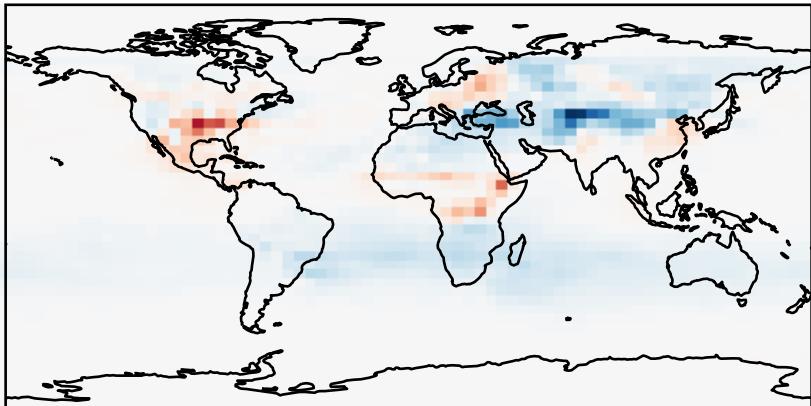
GC\_12.0.0 (Ref)  
4x5



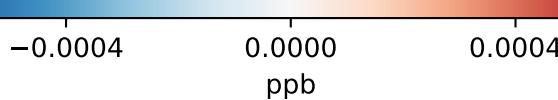
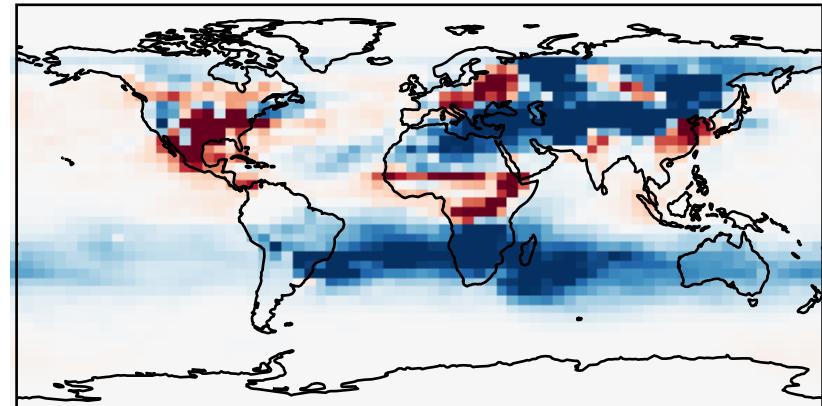
GC\_12.4.0 (Dev)  
4x5



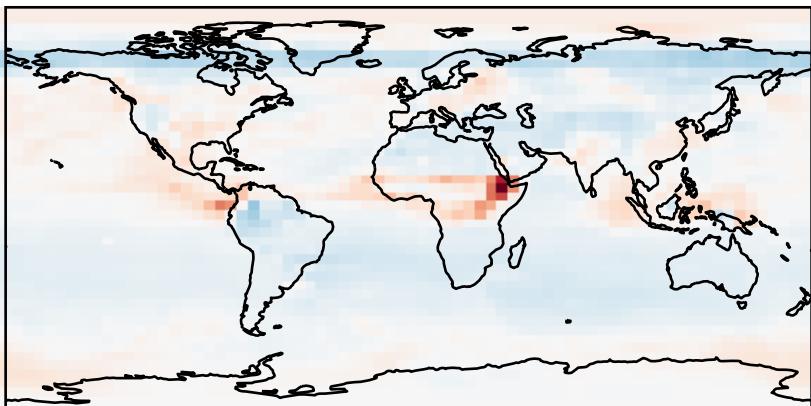
Difference  
Dev - Ref, Dynamic Range



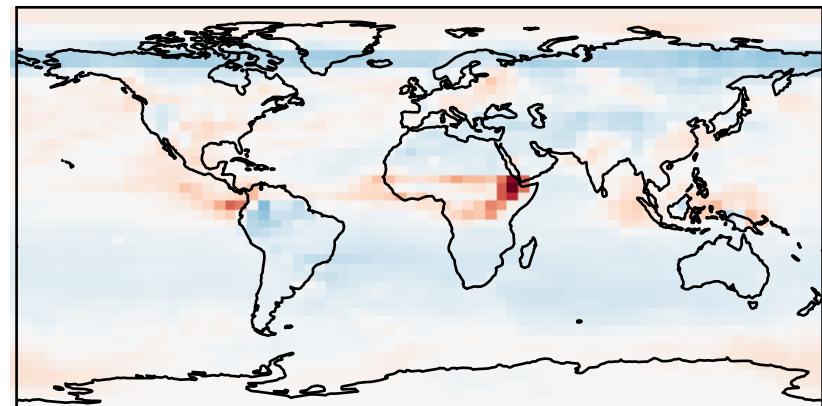
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

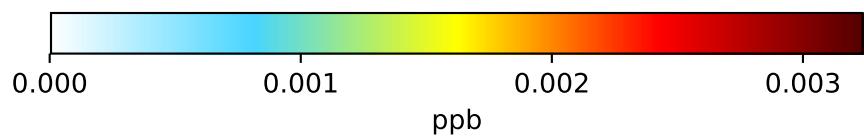
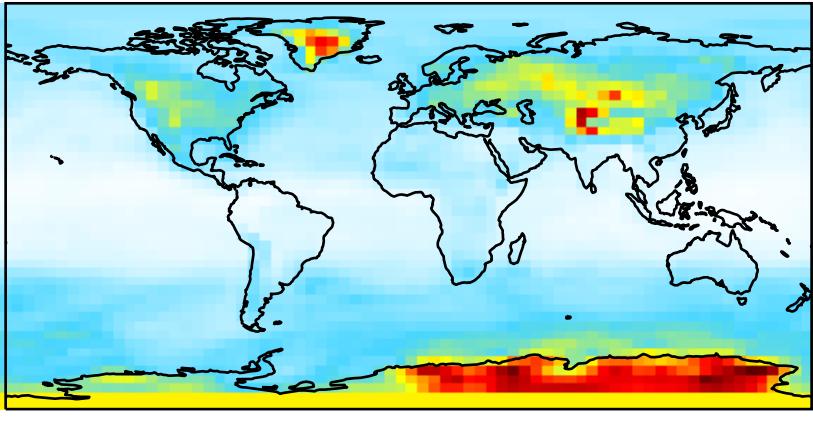


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

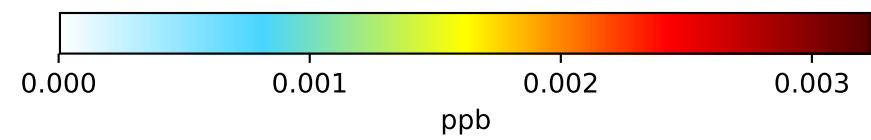
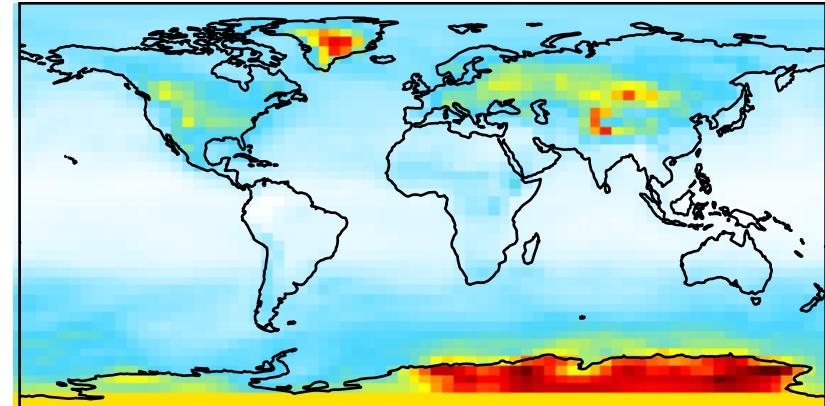


# SpeciesConc\_MPN

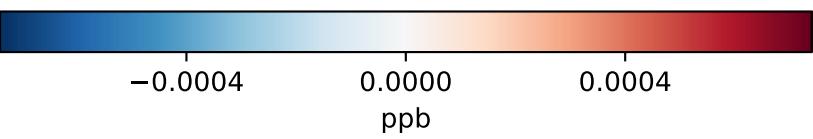
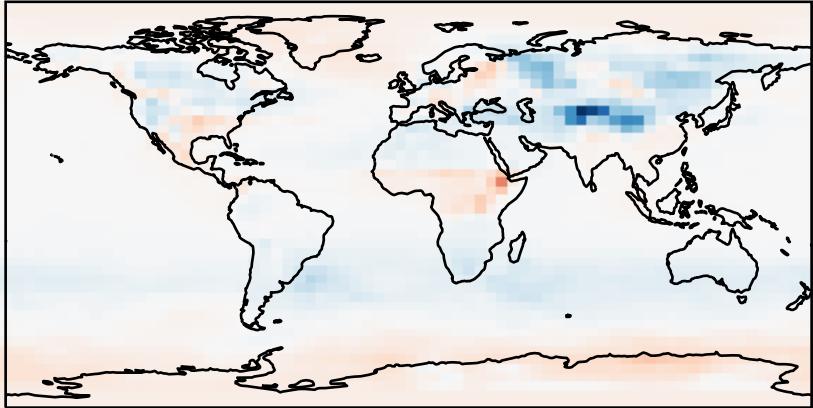
GC\_12.0.0 (Ref)  
4x5



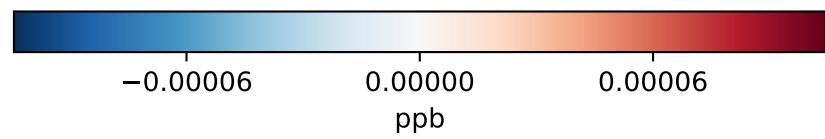
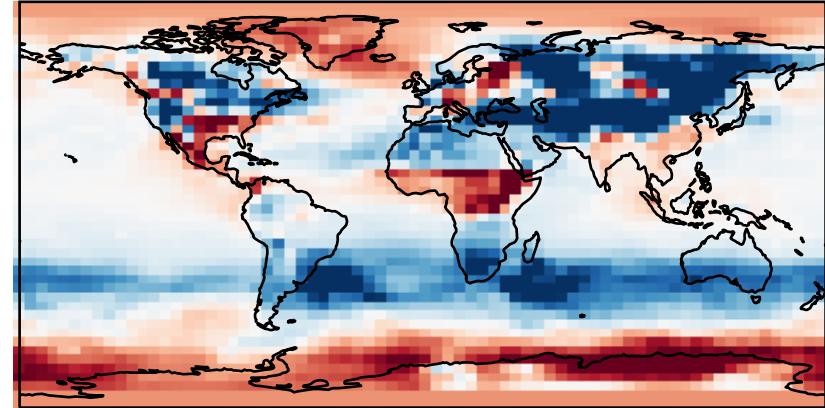
GC\_12.4.0 (Dev)  
4x5



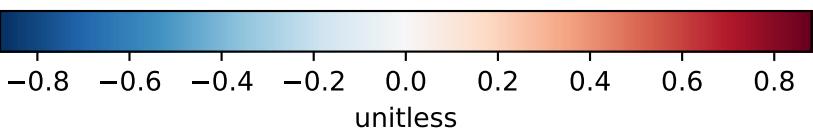
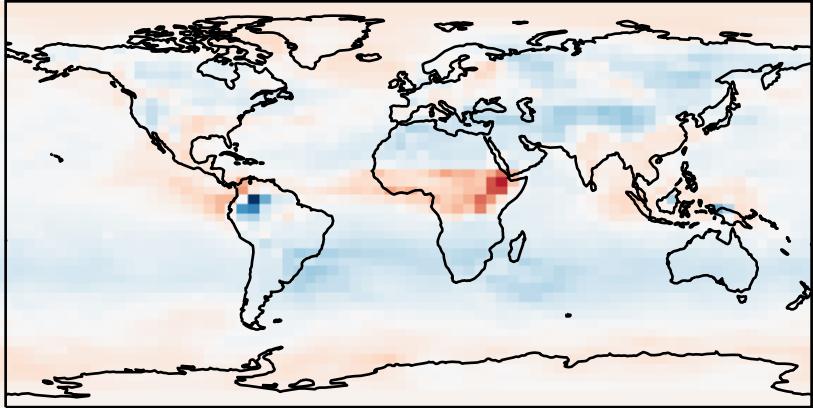
Difference  
Dev - Ref, Dynamic Range



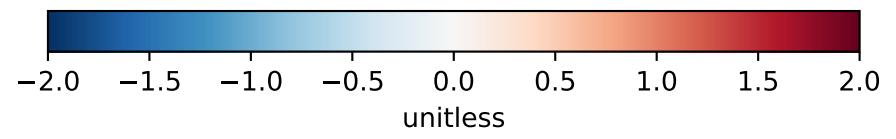
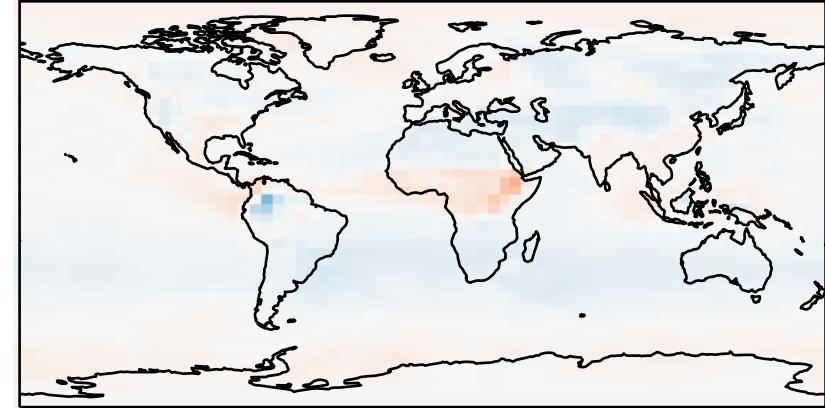
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

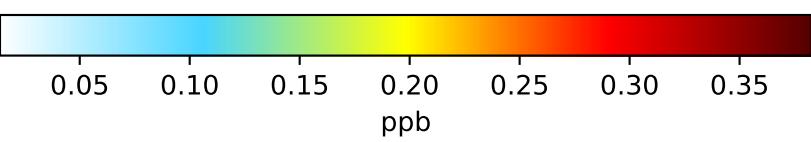
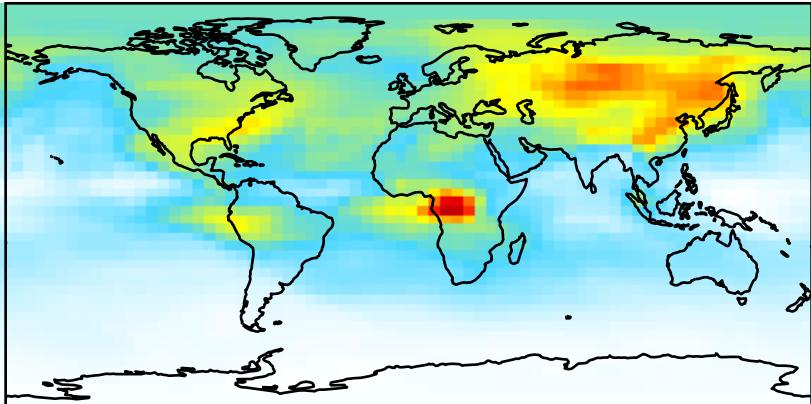


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

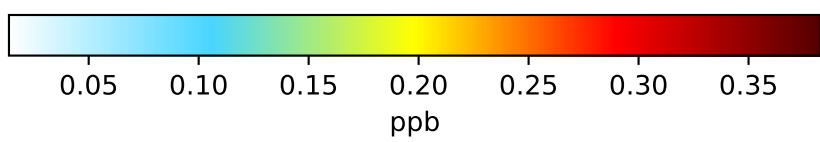
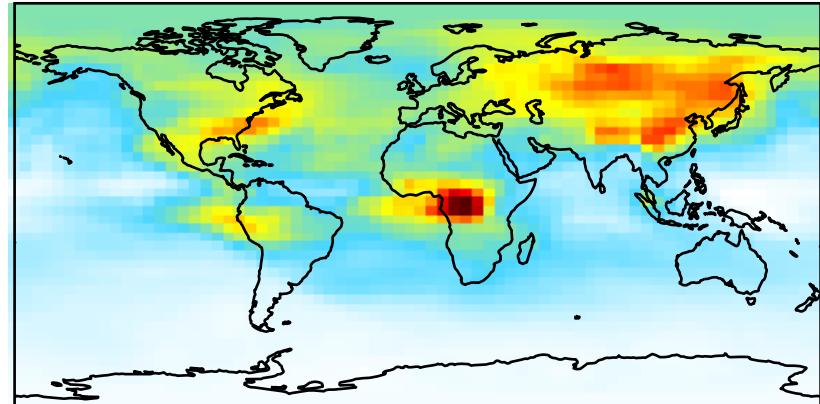


# SpeciesConc\_PAN

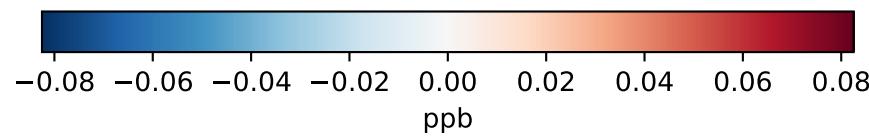
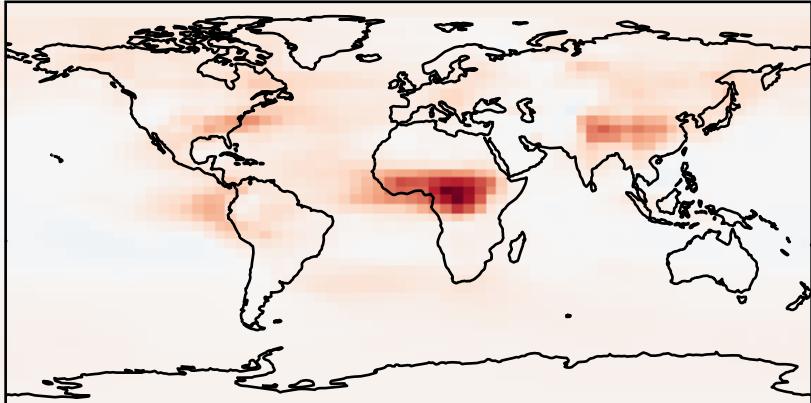
GC\_12.0.0 (Ref)  
4x5



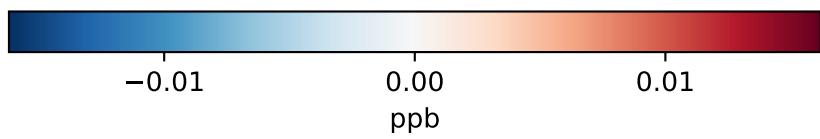
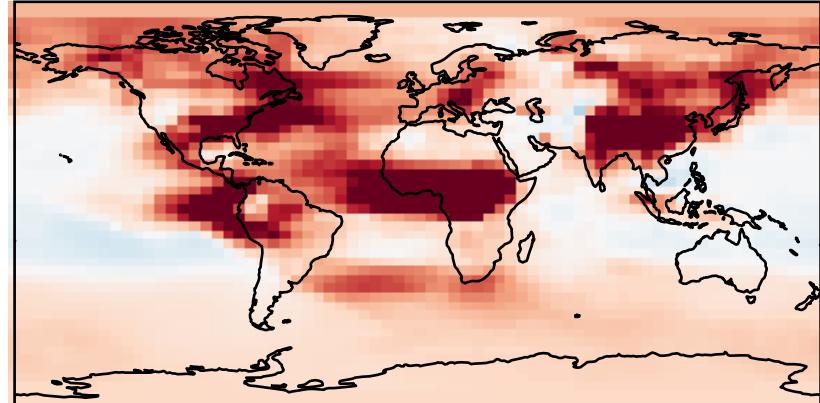
GC\_12.4.0 (Dev)  
4x5



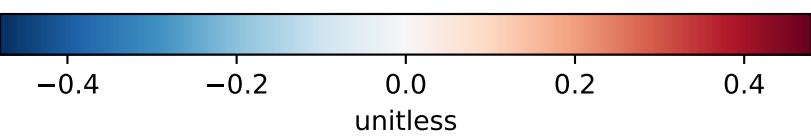
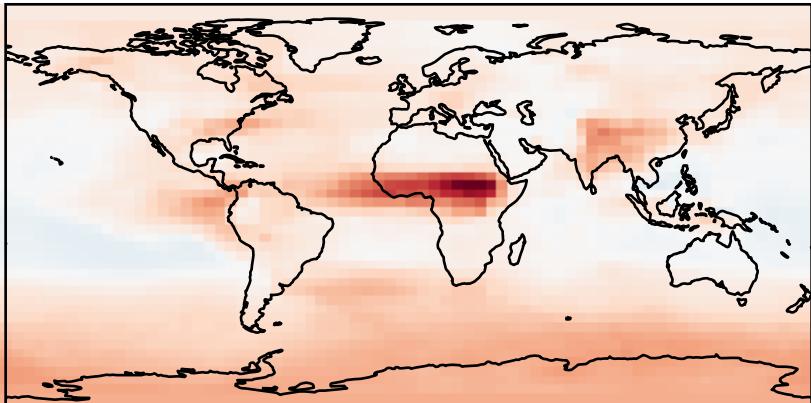
Difference  
Dev - Ref, Dynamic Range



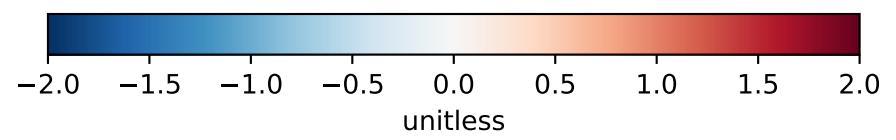
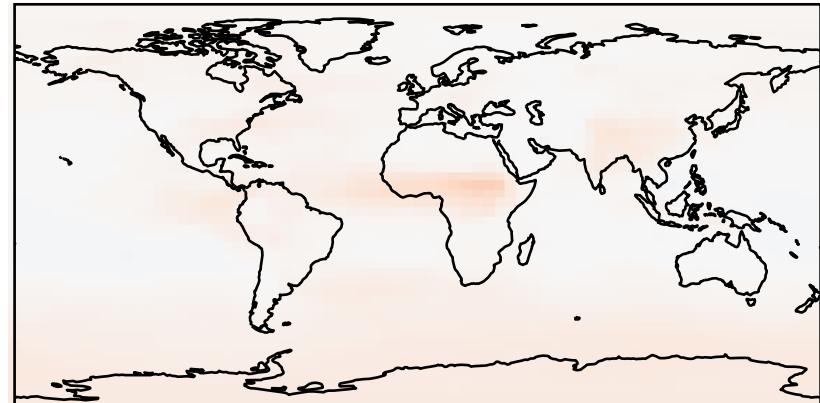
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

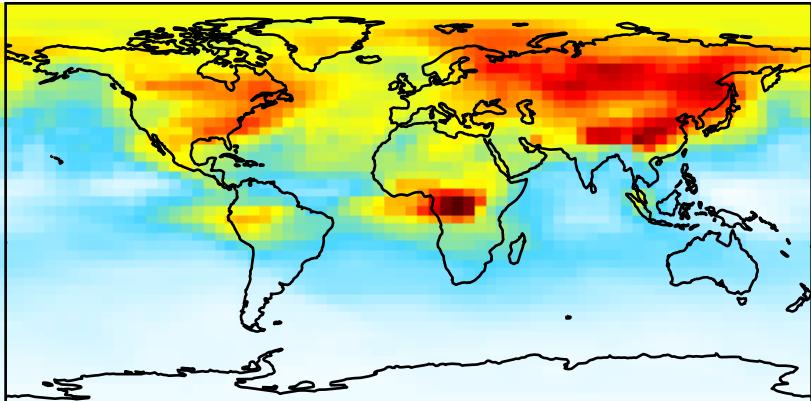


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

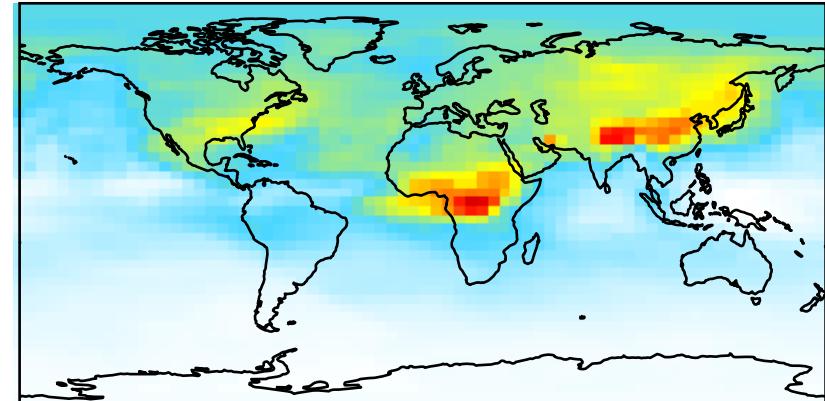


# SpeciesConc\_PPN

GC\_12.0.0 (Ref)  
4x5



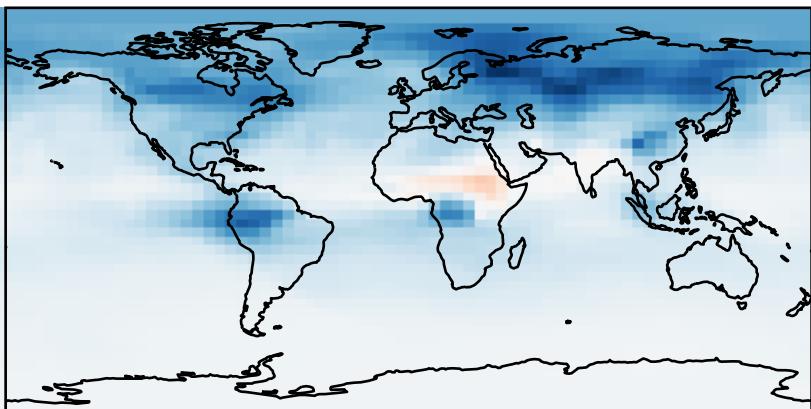
GC\_12.4.0 (Dev)  
4x5



0.008      0.016      0.024  
ppb

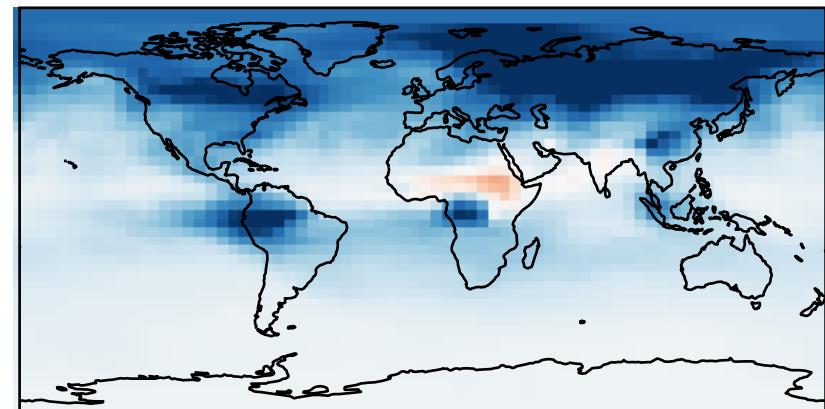
0.008      0.016      0.024  
ppb

Difference  
Dev - Ref, Dynamic Range



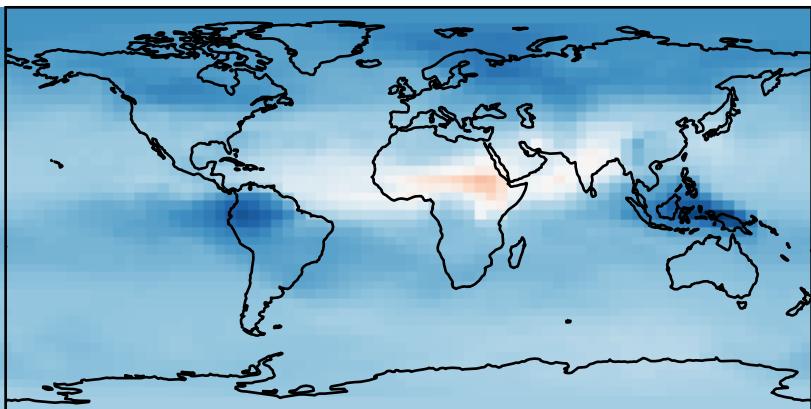
-0.006      0.000      0.006  
ppb

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



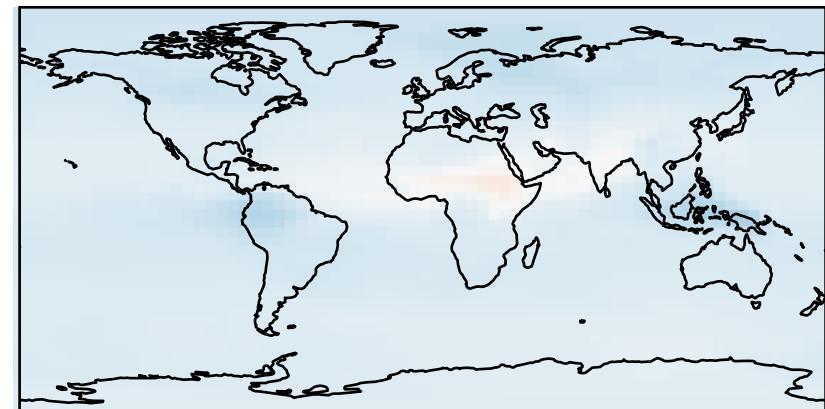
-0.004      0.000      0.004  
ppb

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



-0.6      -0.4      -0.2      0.0      0.2      0.4      0.6  
unitless

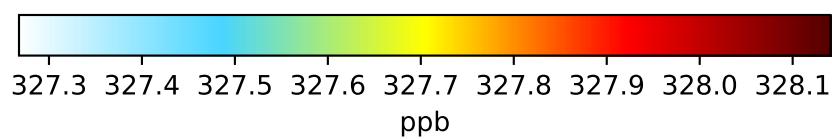
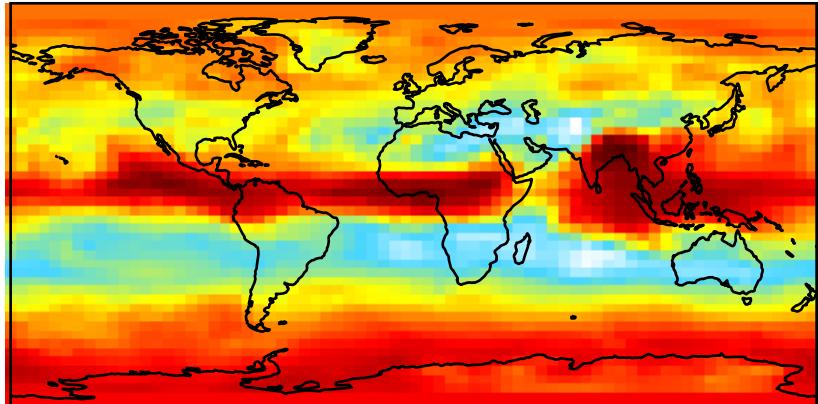
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



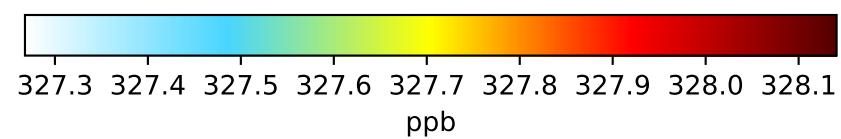
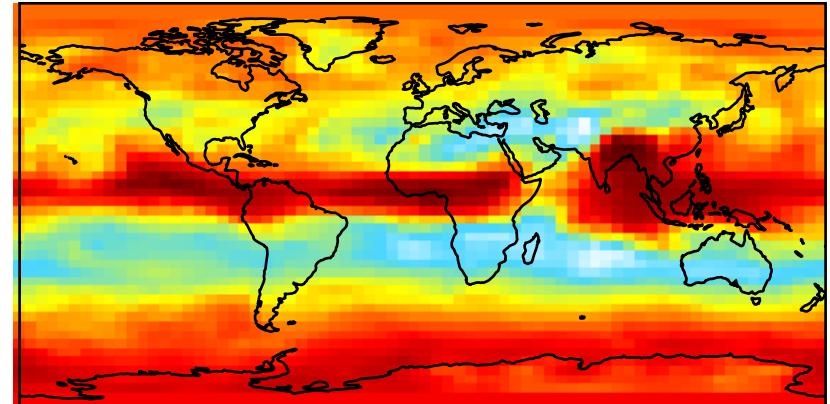
-2.0      -1.5      -1.0      -0.5      0.0      0.5      1.0      1.5      2.0  
unitless

# SpeciesConc\_N2O

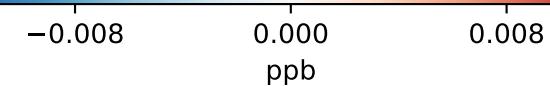
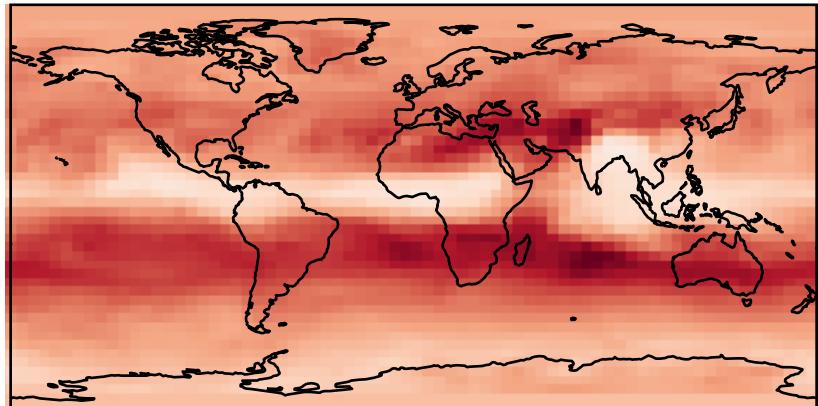
GC\_12.0.0 (Ref)  
4x5



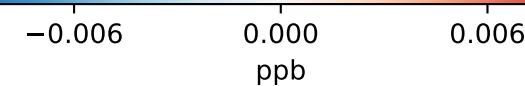
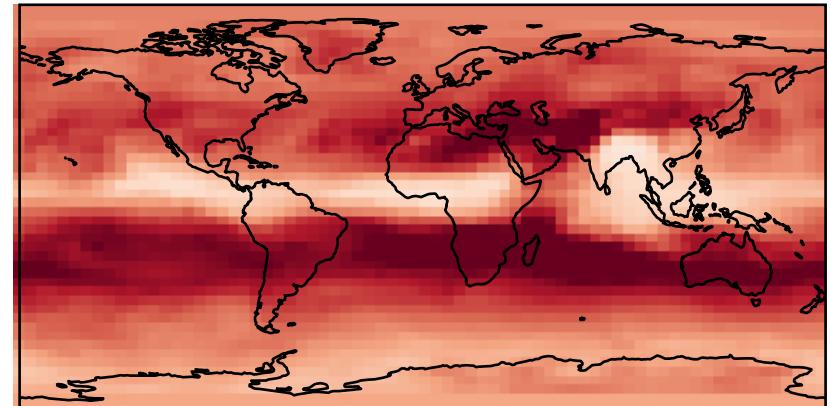
GC\_12.4.0 (Dev)  
4x5



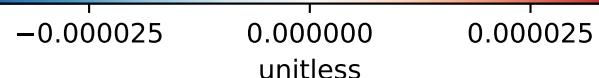
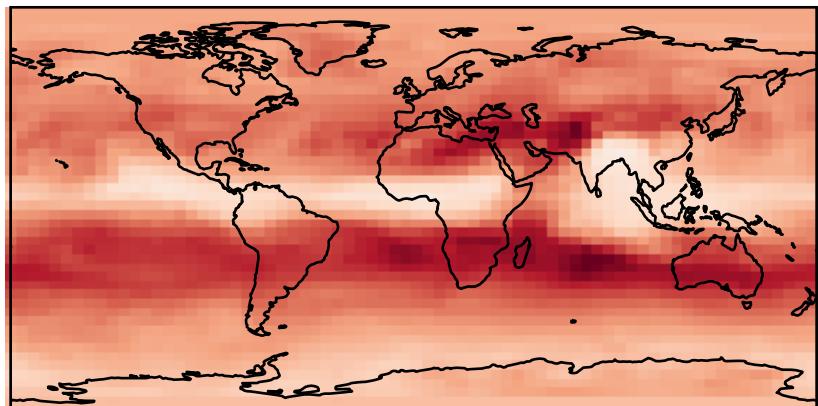
Difference  
Dev - Ref, Dynamic Range



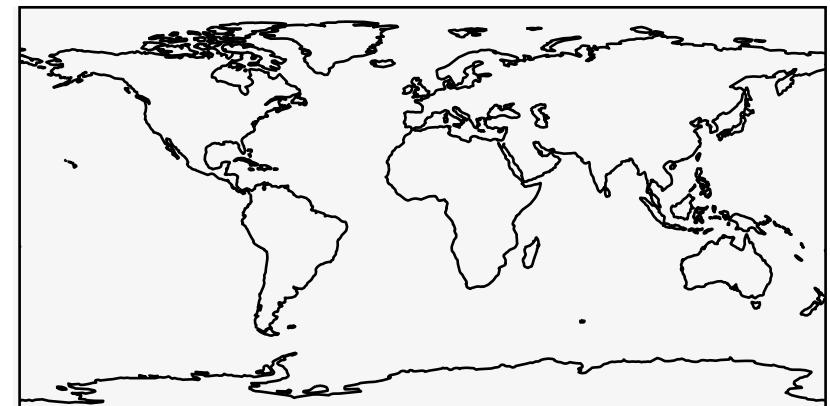
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

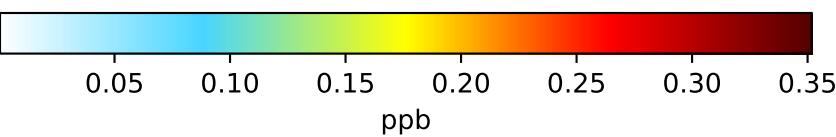
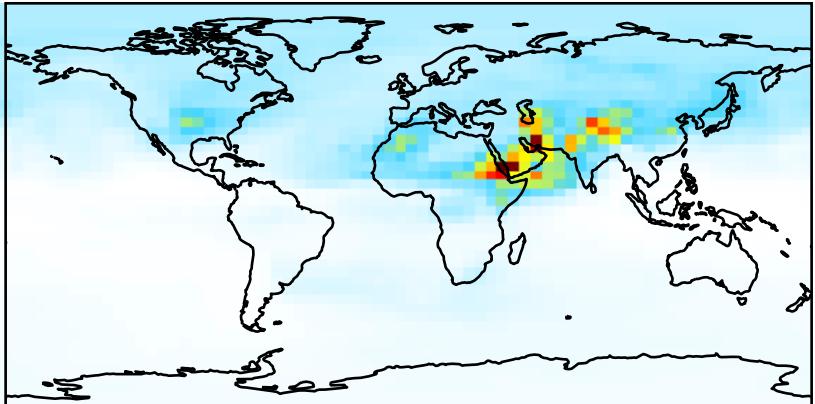


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

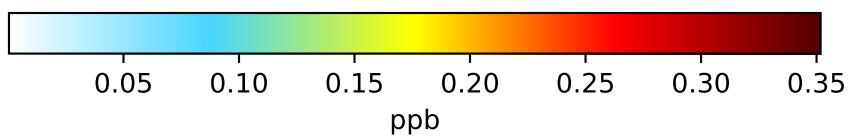
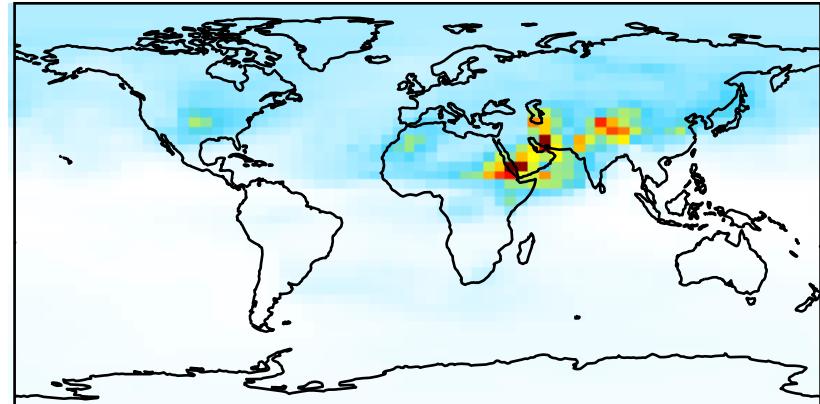


# SpeciesConc\_NHx

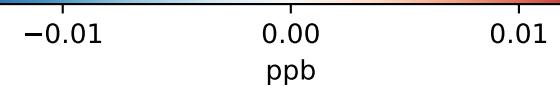
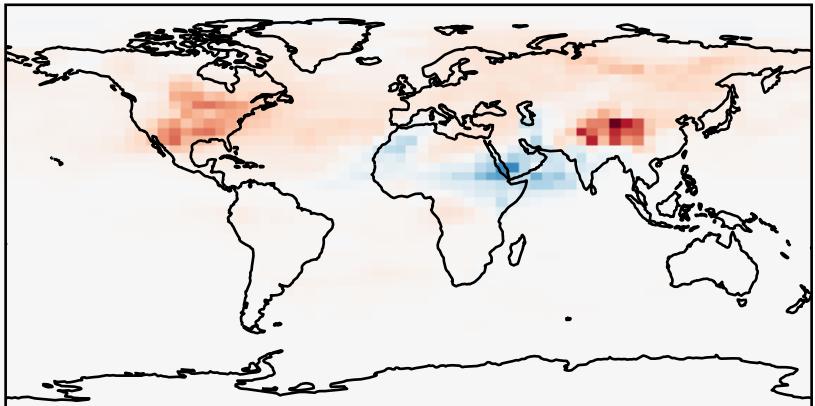
GC\_12.0.0 (Ref)  
4x5



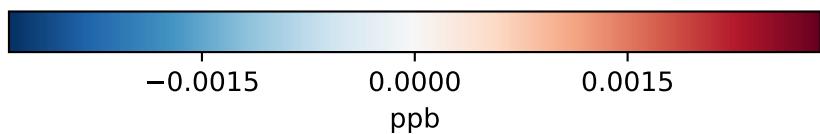
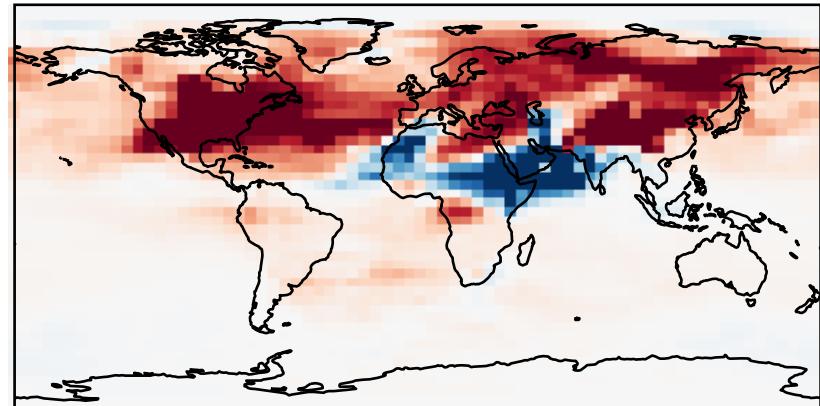
GC\_12.4.0 (Dev)  
4x5



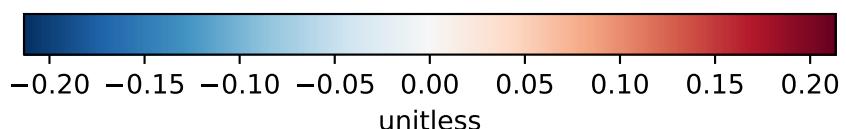
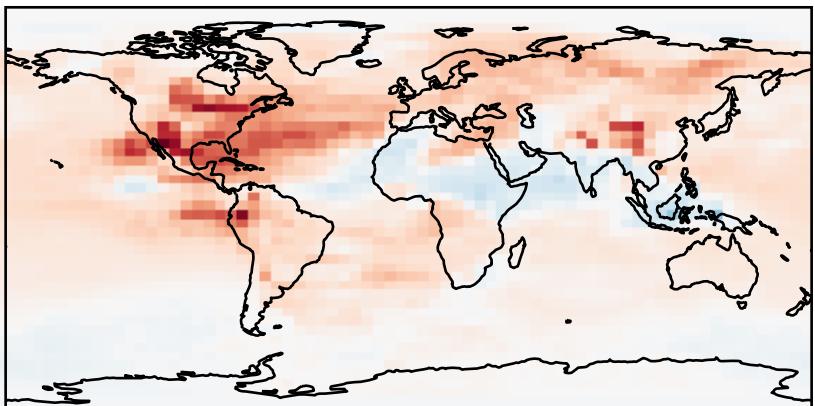
Difference  
Dev - Ref, Dynamic Range



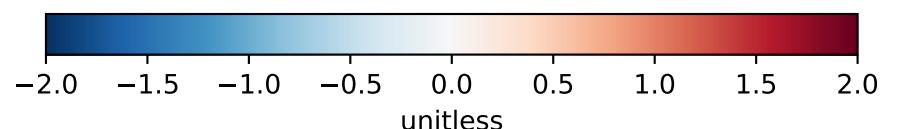
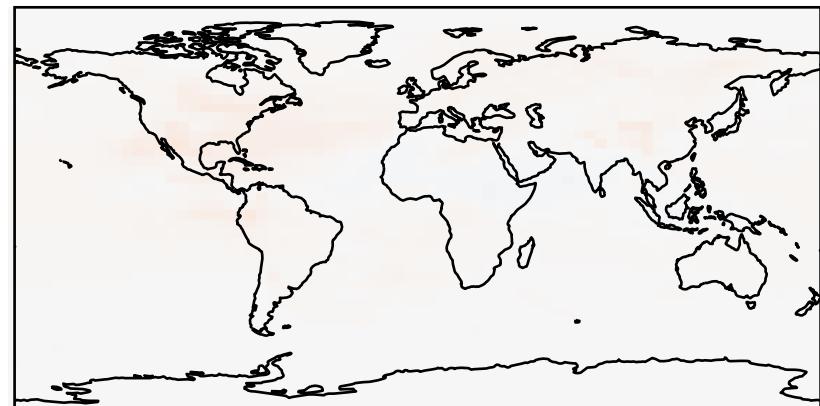
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

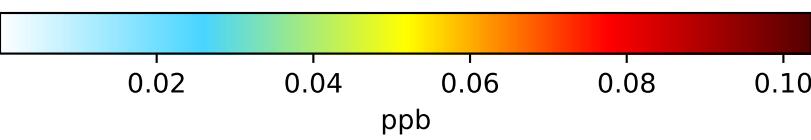
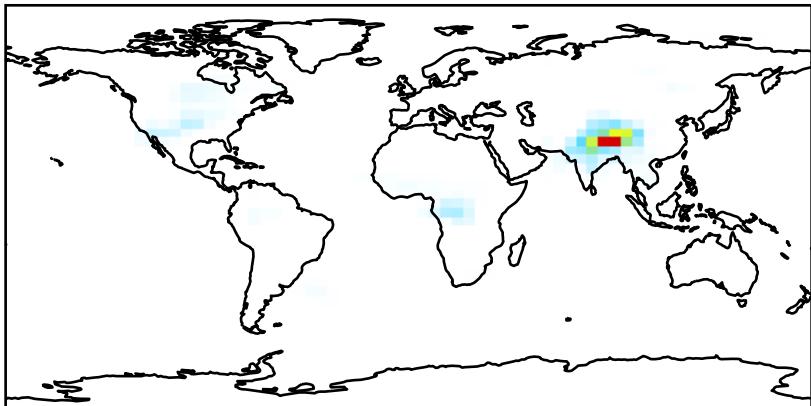


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

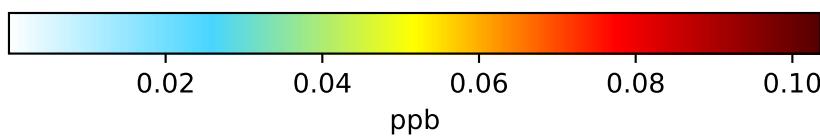
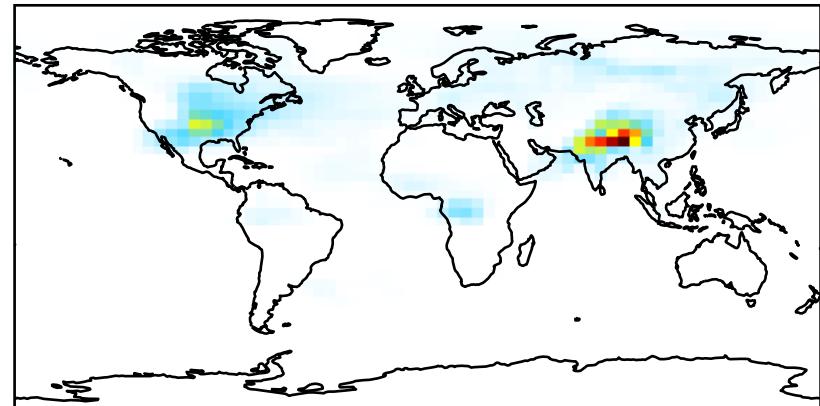


# SpeciesConc\_NH3

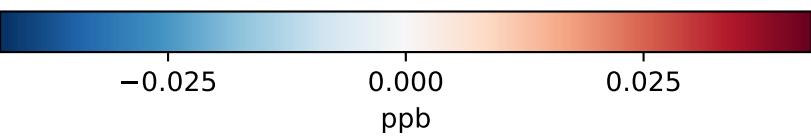
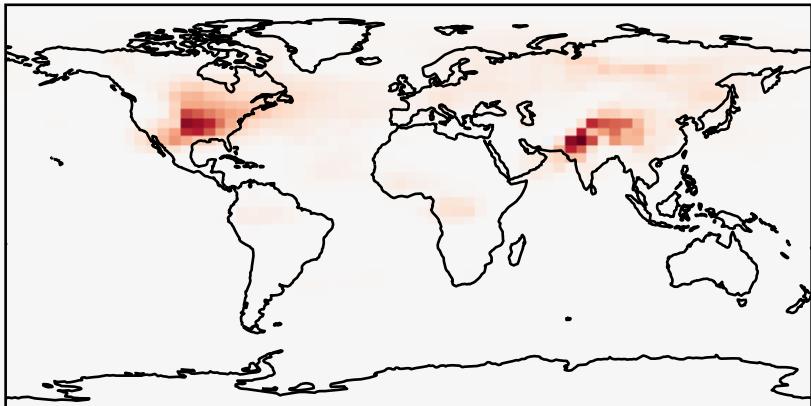
GC\_12.0.0 (Ref)  
4x5



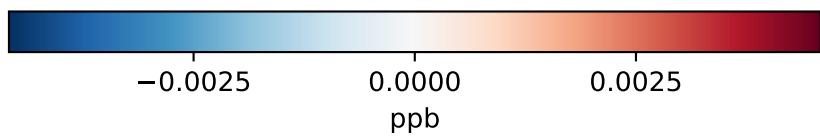
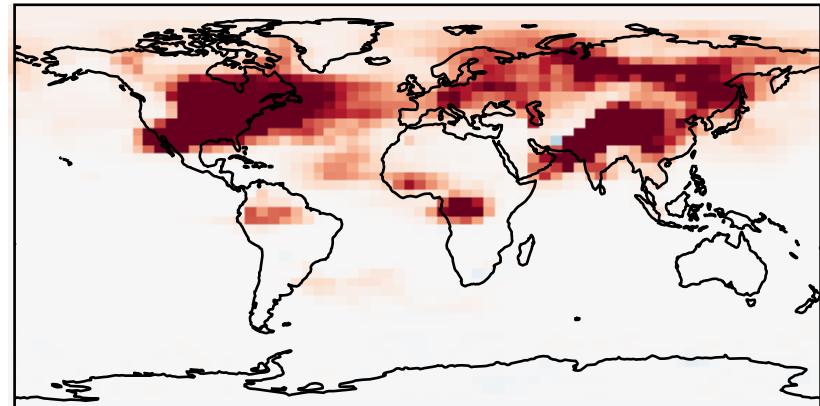
GC\_12.4.0 (Dev)  
4x5



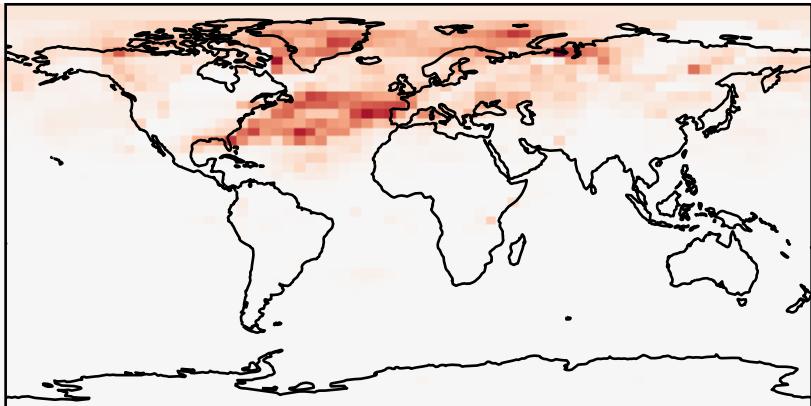
Difference  
Dev - Ref, Dynamic Range



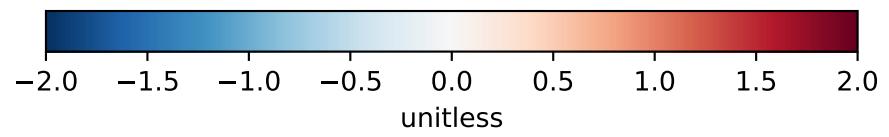
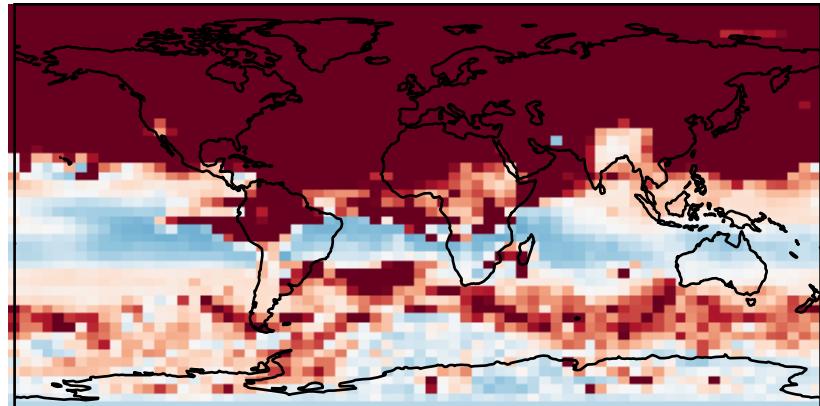
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

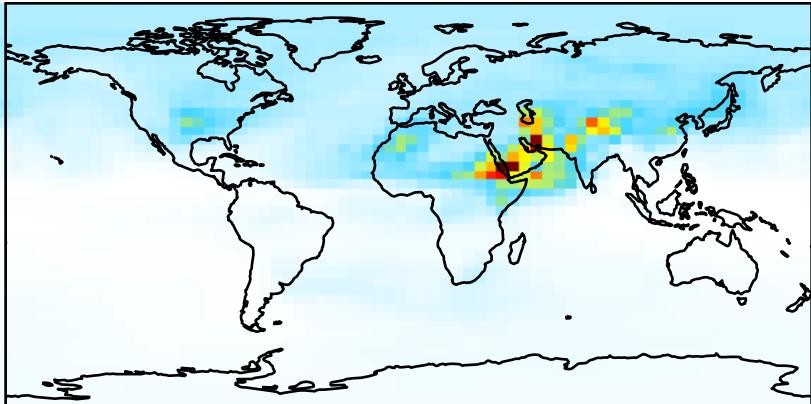


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

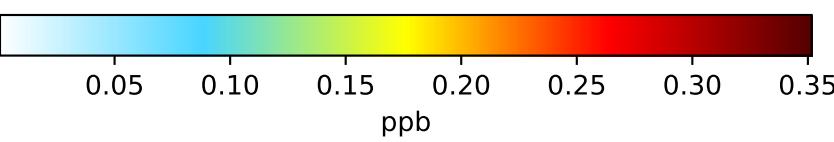
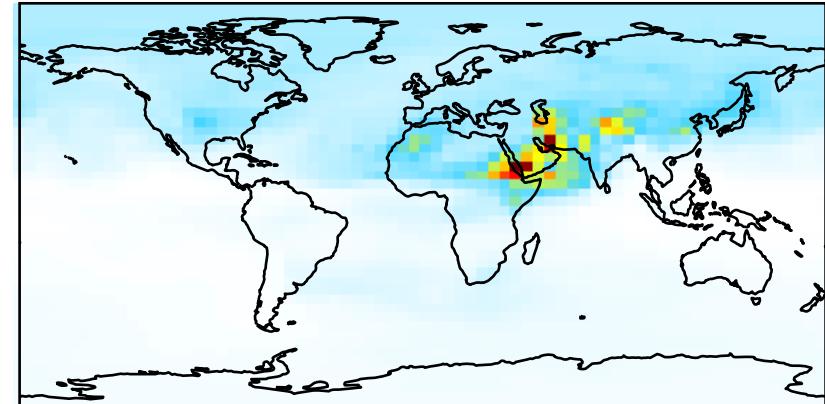


# SpeciesConc\_NH4

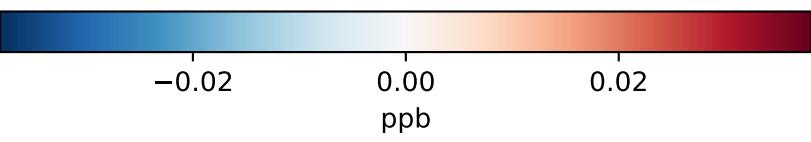
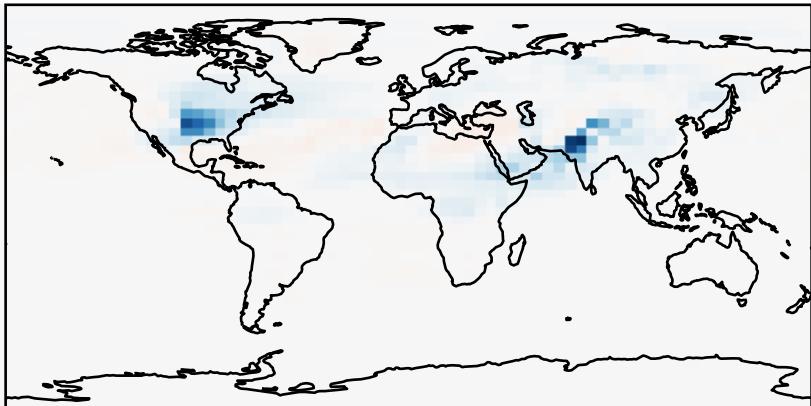
GC\_12.0.0 (Ref)  
4x5



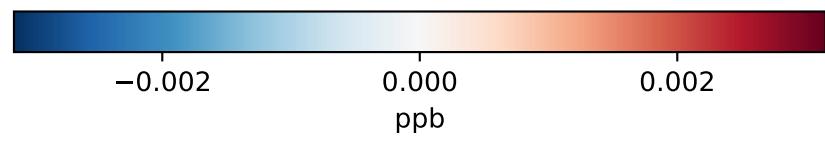
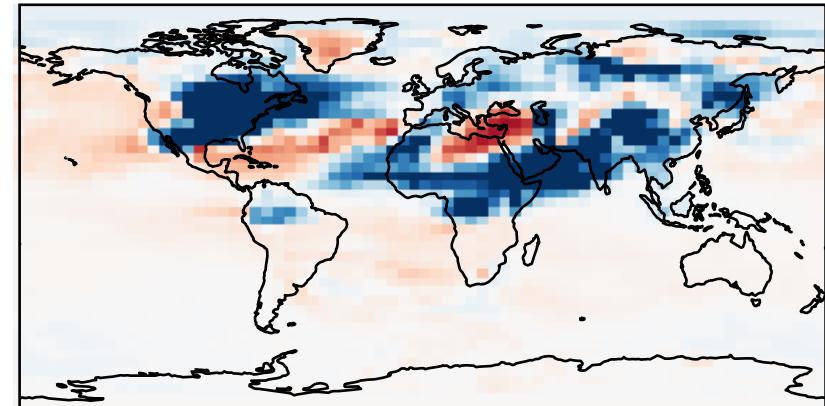
GC\_12.4.0 (Dev)  
4x5



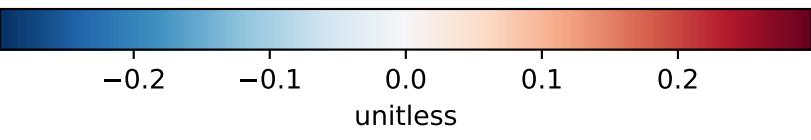
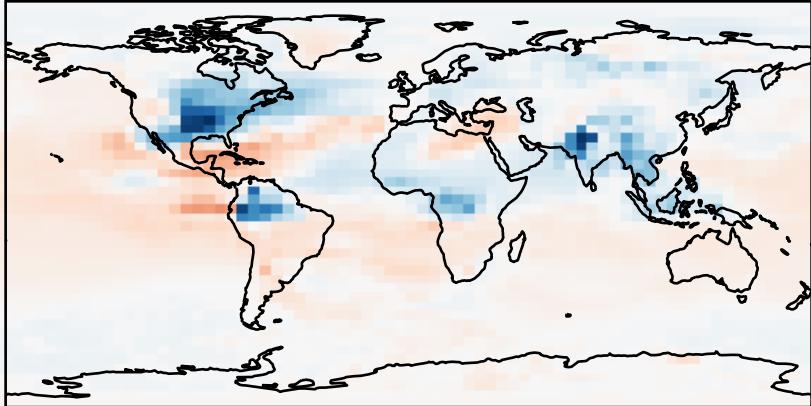
Difference  
Dev - Ref, Dynamic Range



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



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



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

