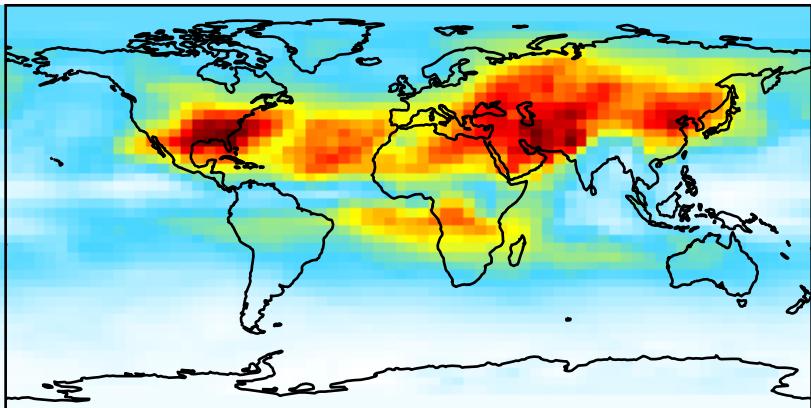
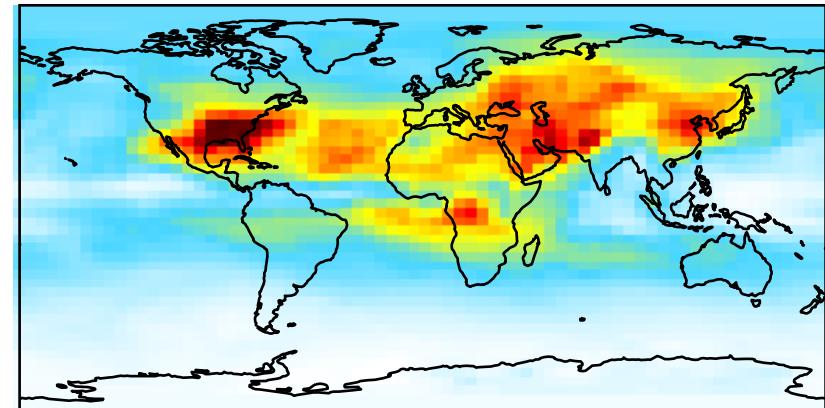


SpeciesConc_NOy

GC_12.3.0 (Ref)
4x5



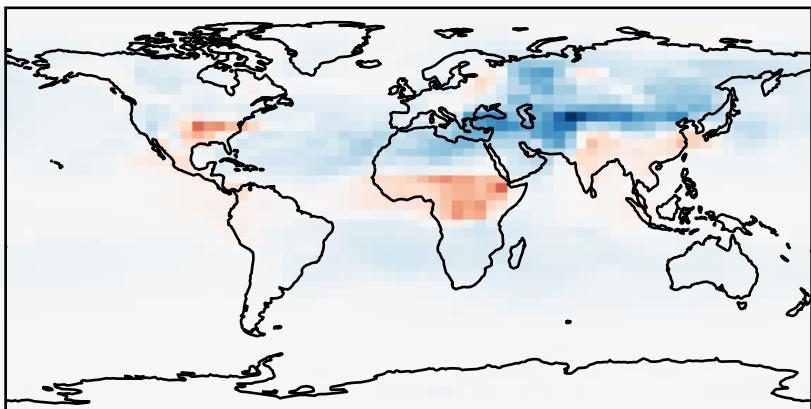
GC_12.5.0 (Dev)
4x5



0.2 0.4 0.6 0.8
ppb

0.2 0.4 0.6 0.8
ppb

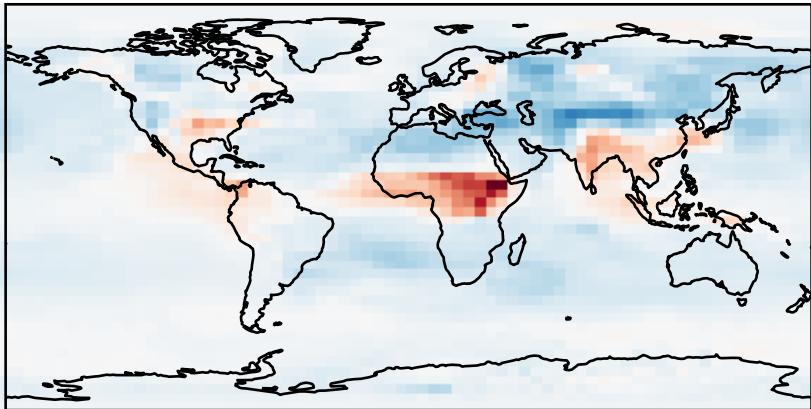
Difference
Dev - Ref, Dynamic Range



-0.2 -0.1 0.0 0.1 0.2
ppb

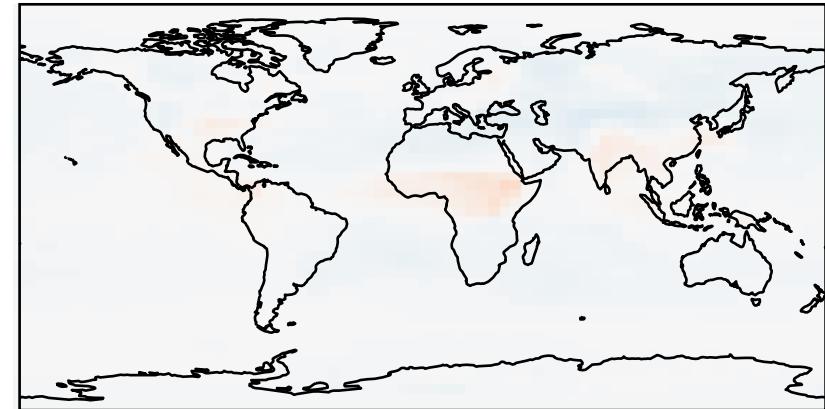
-0.04 -0.02 0.00 0.02 0.04
ppb

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



-0.3 -0.2 -0.1 0.0 0.1 0.2 0.3
unitless

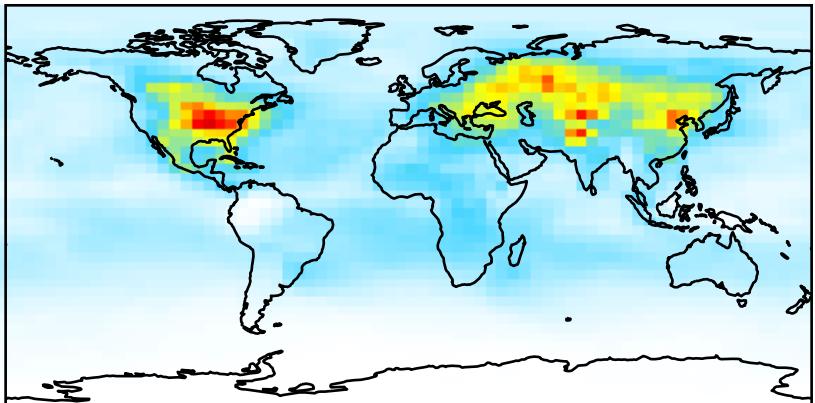
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



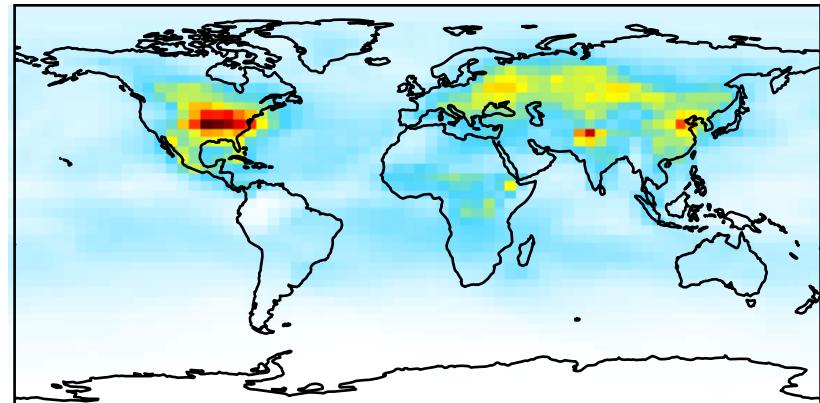
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_NOx

GC_12.3.0 (Ref)
4x5



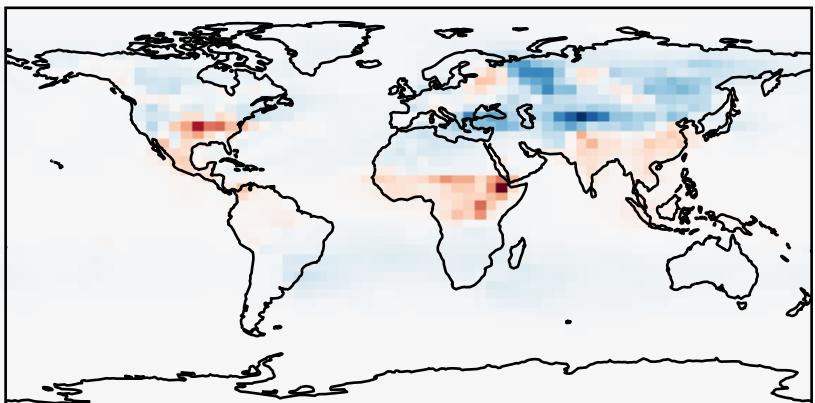
GC_12.5.0 (Dev)
4x5



0.05 0.10 0.15 0.20
ppb

0.05 0.10 0.15 0.20
ppb

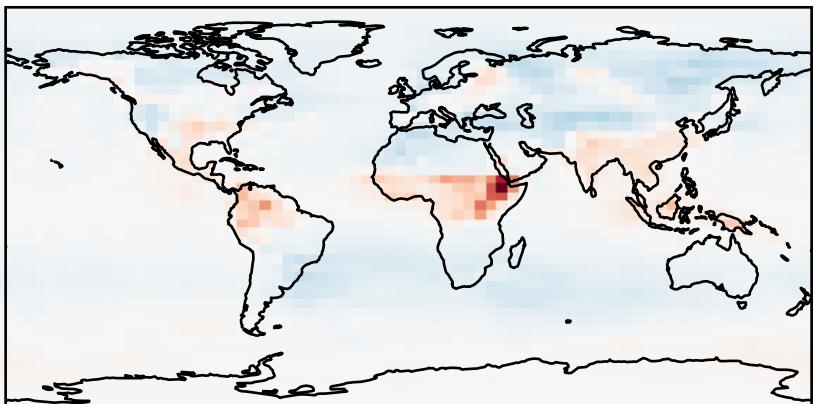
Difference
Dev - Ref, Dynamic Range



-0.06 -0.04 -0.02 0.00 0.02 0.04 0.06
ppb

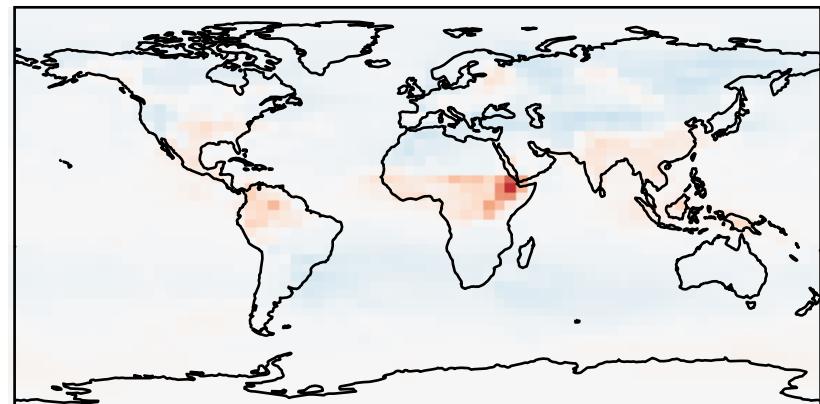
-0.008 0.000 0.008
ppb

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



-1.0 -0.5 0.0 0.5 1.0
unitless

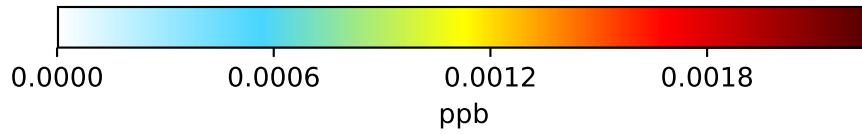
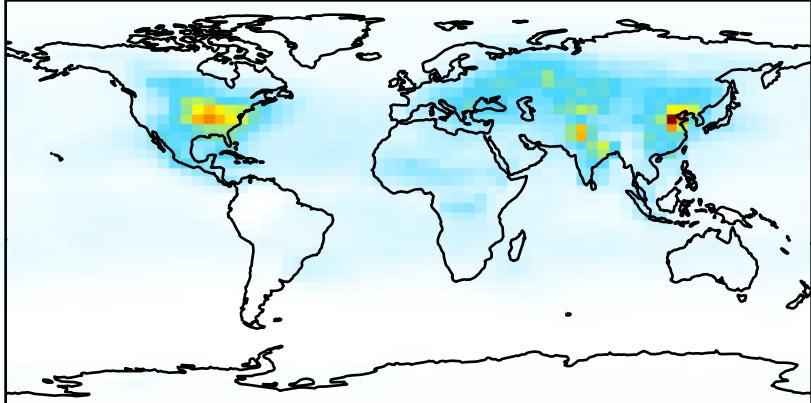
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



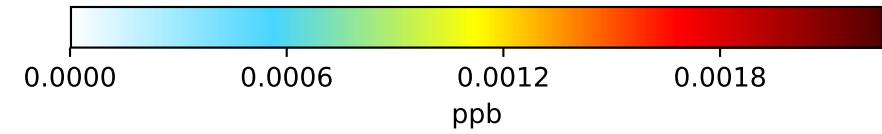
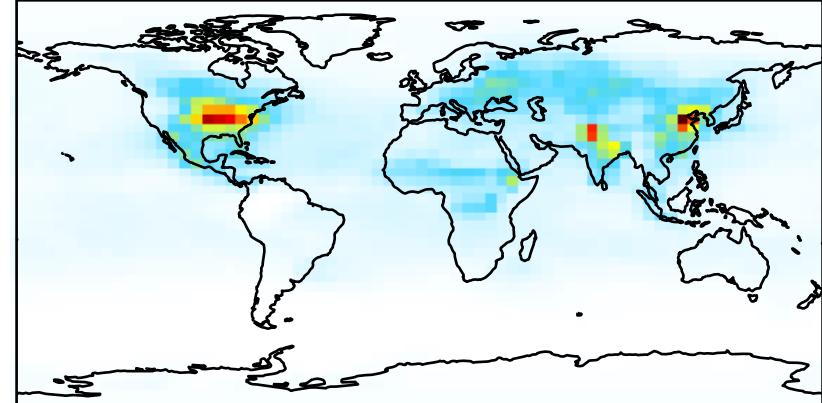
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_HNO2

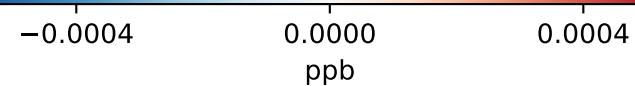
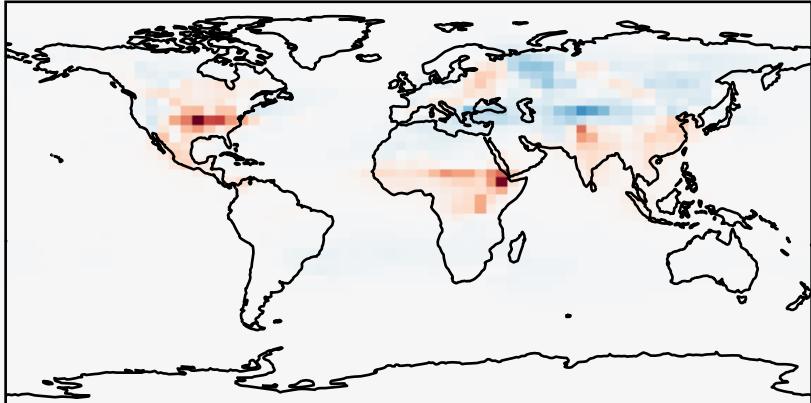
GC_12.3.0 (Ref)
4x5



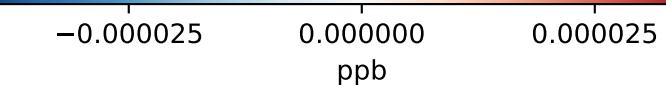
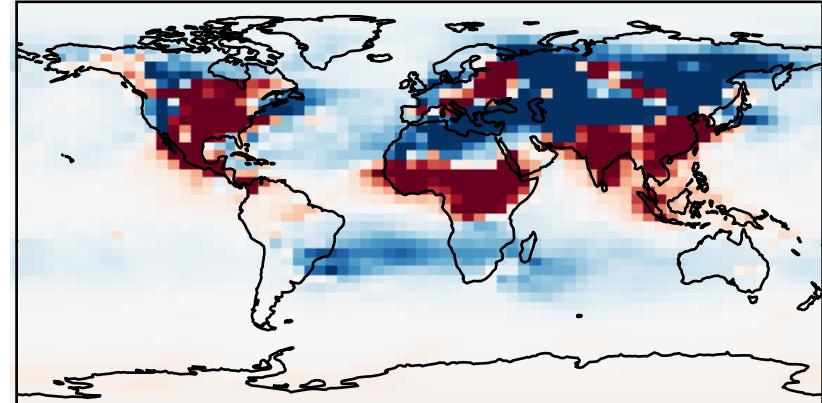
GC_12.5.0 (Dev)
4x5



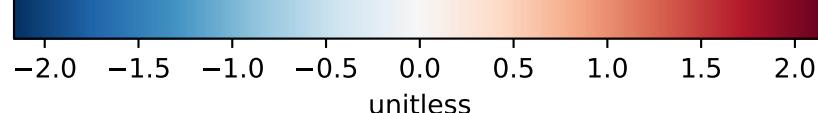
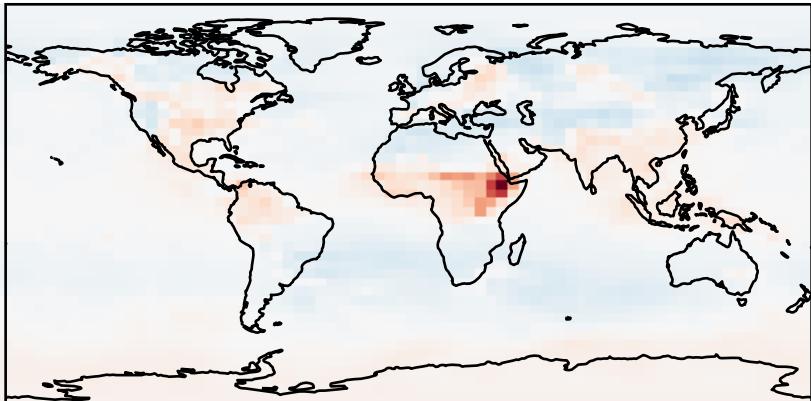
Difference
Dev - Ref, Dynamic Range



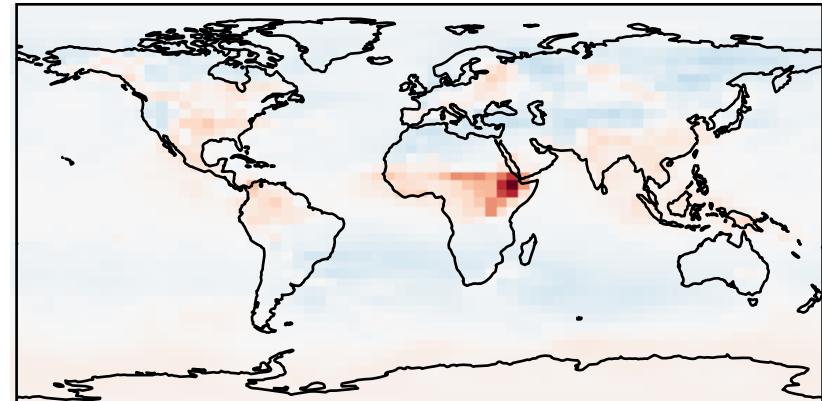
Difference
Dev - Ref, Restricted Range [5%,95%]



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

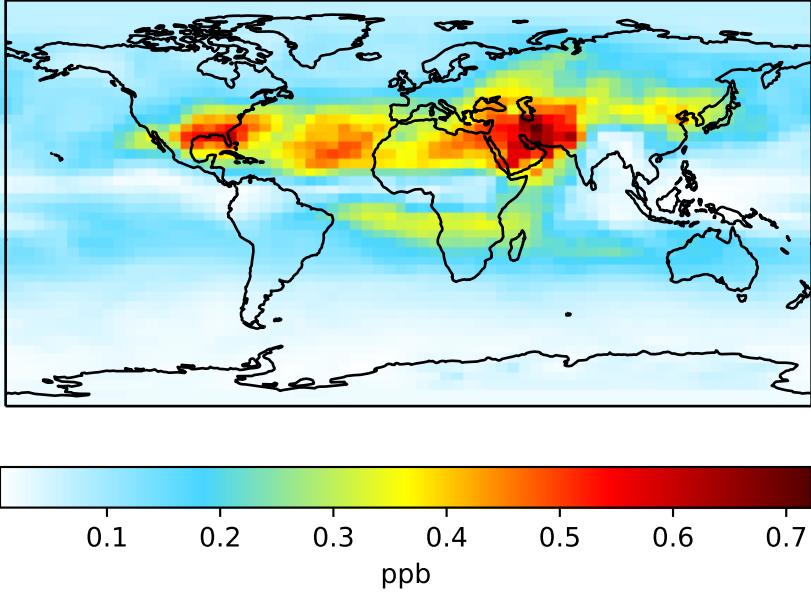


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

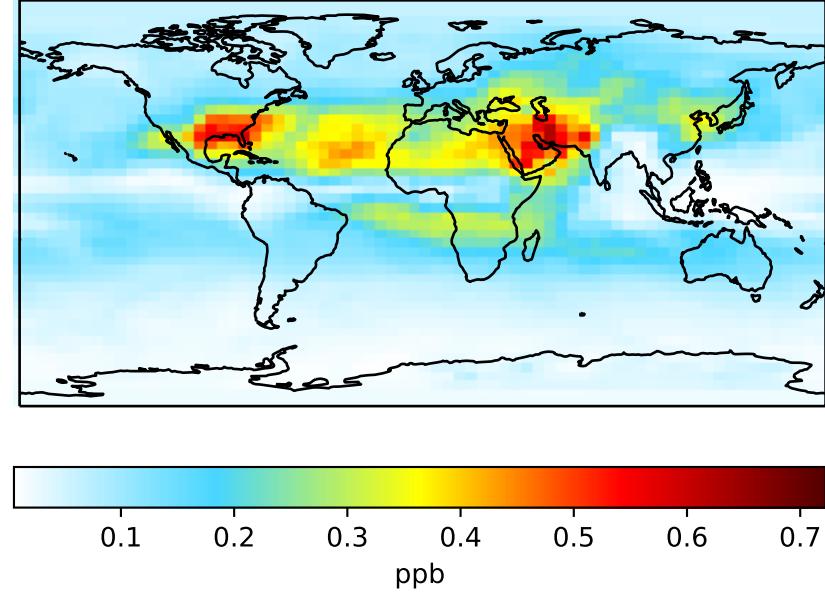


SpeciesConc_HNO3

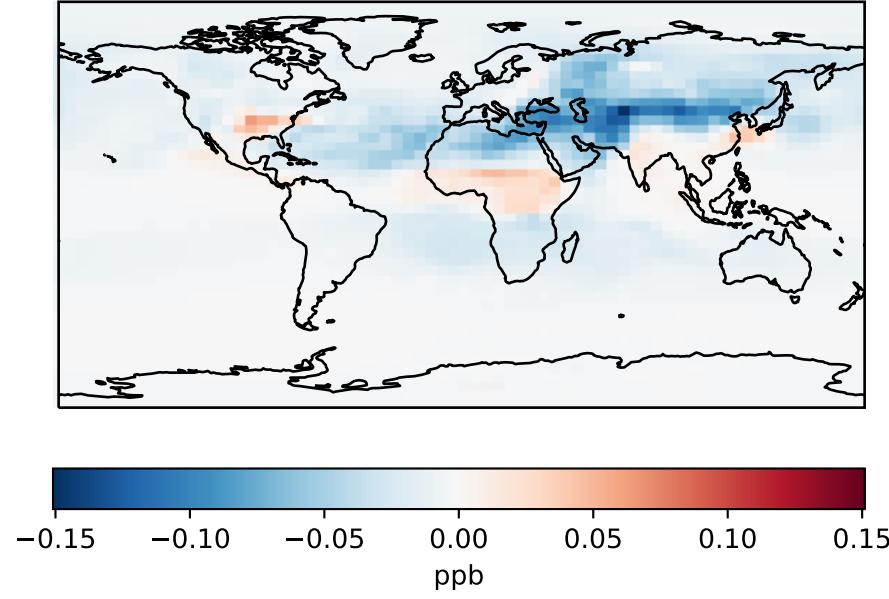
GC_12.3.0 (Ref)
4x5



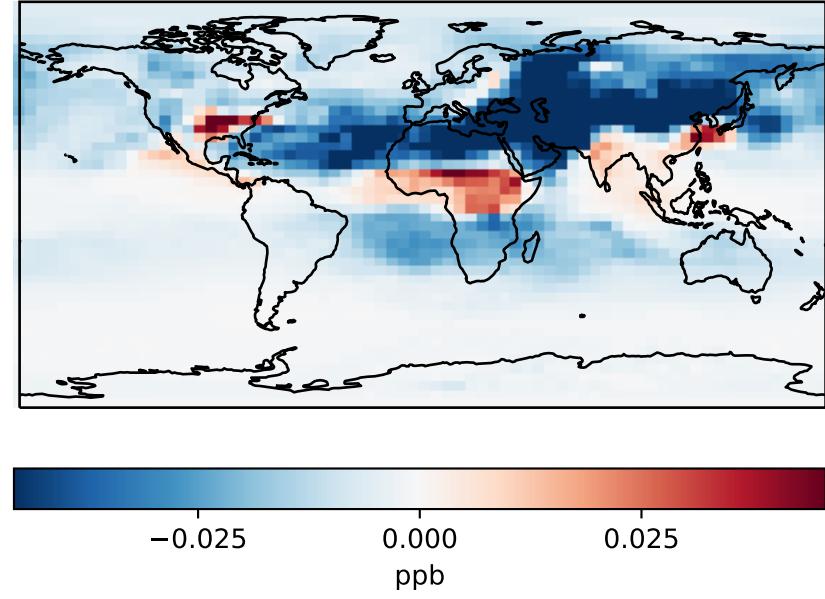
GC_12.5.0 (Dev)
4x5



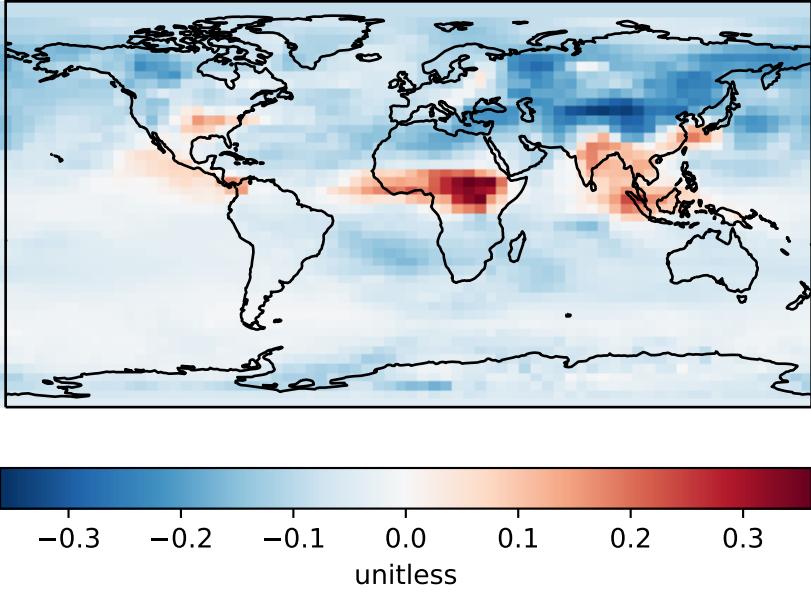
Difference
Dev - Ref, Dynamic Range



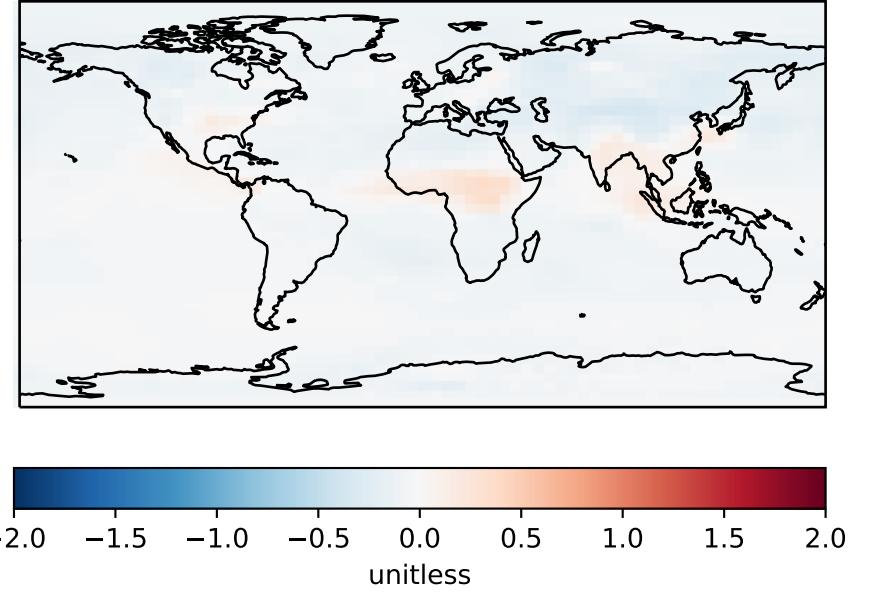
Difference
Dev - Ref, Restricted Range [5%,95%]



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

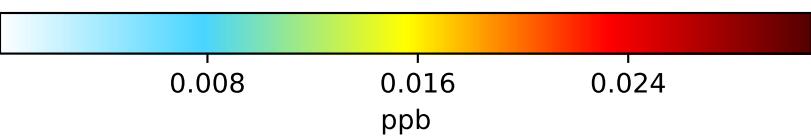
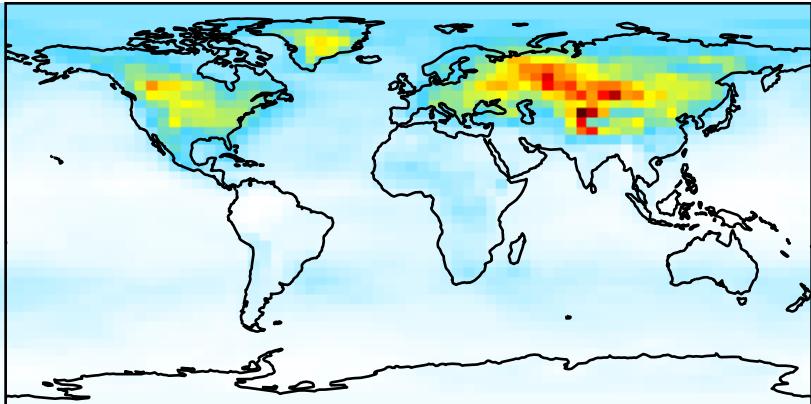


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

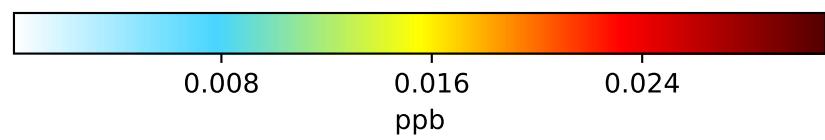
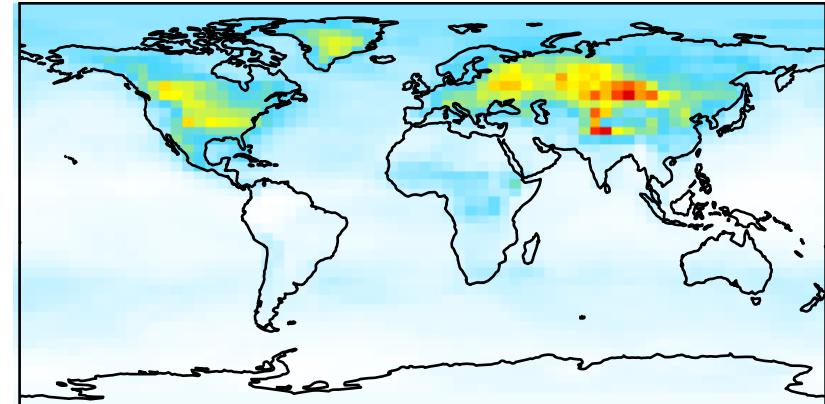


SpeciesConc_HNO4

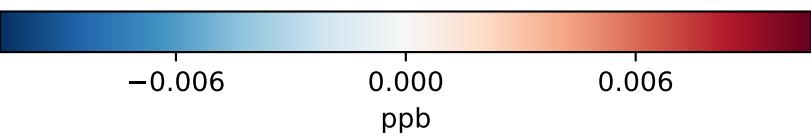
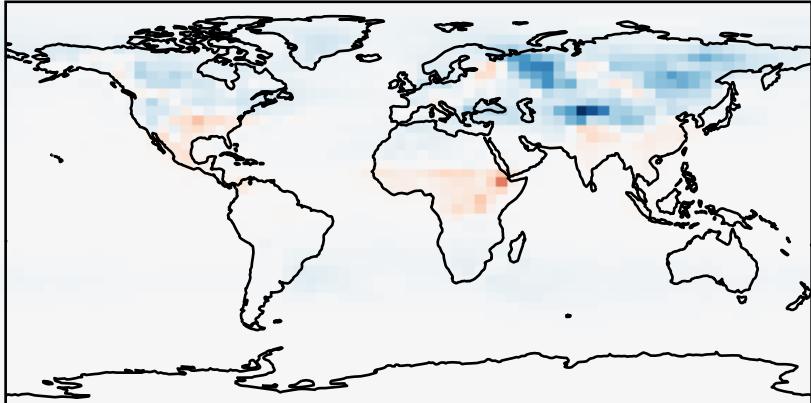
GC_12.3.0 (Ref)
4x5



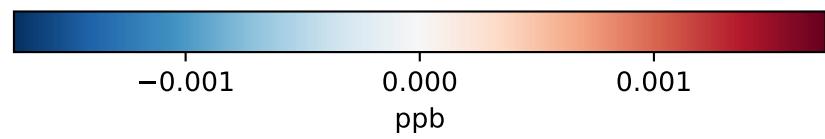
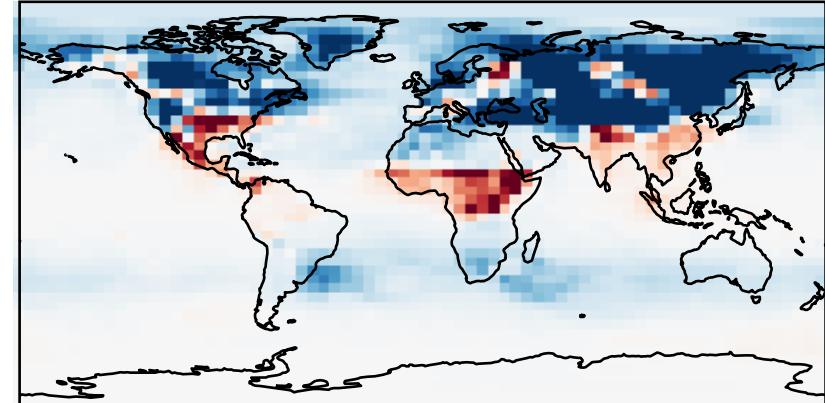
GC_12.5.0 (Dev)
4x5



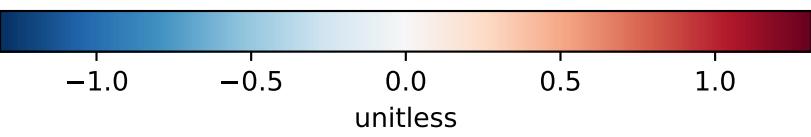
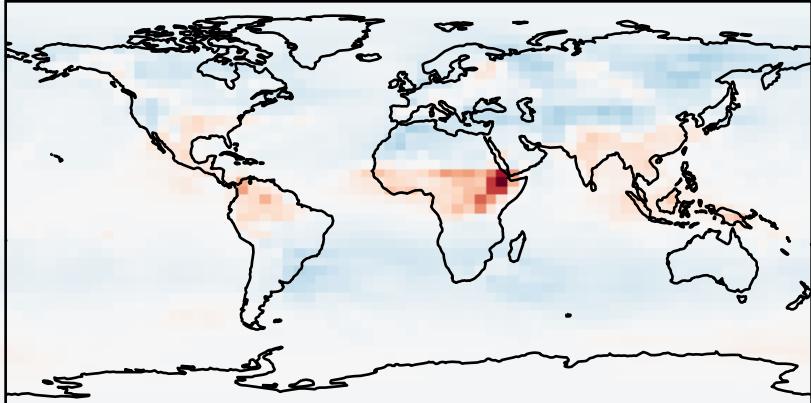
Difference
Dev - Ref, Dynamic Range



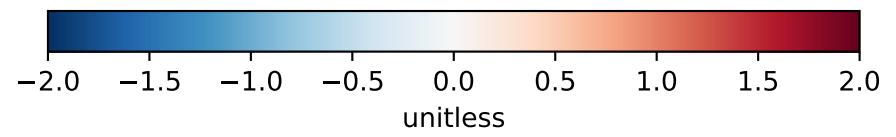
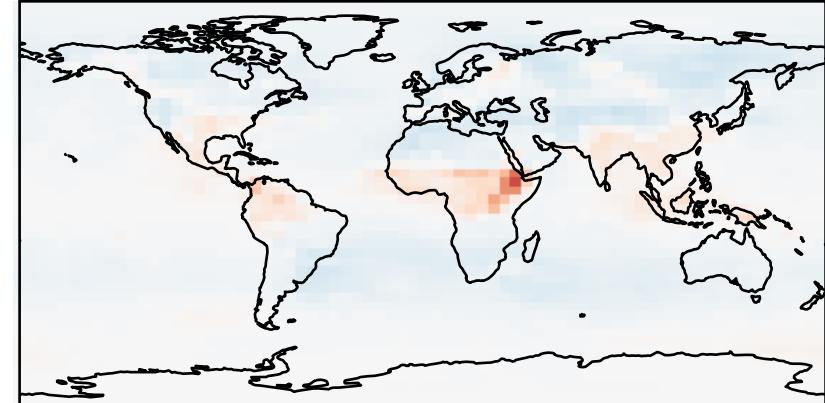
Difference
Dev - Ref, Restricted Range [5%,95%]



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

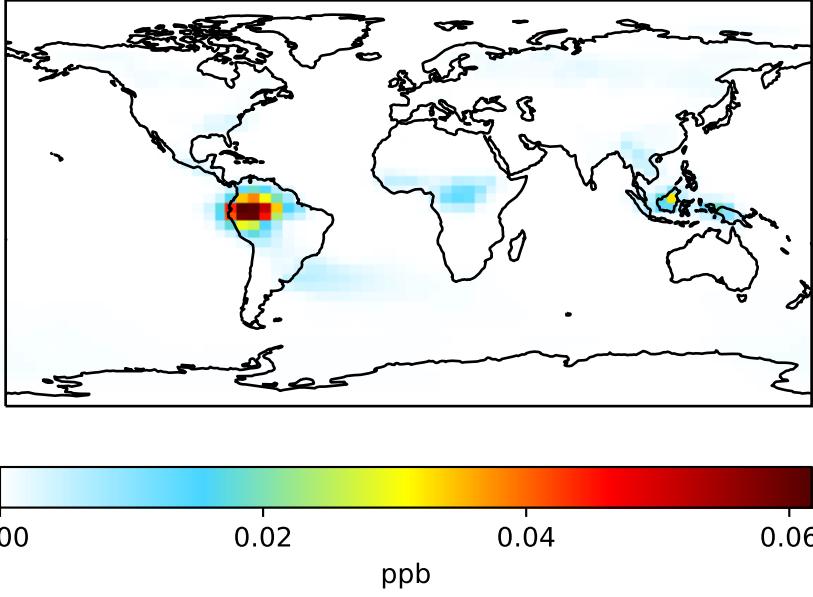


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

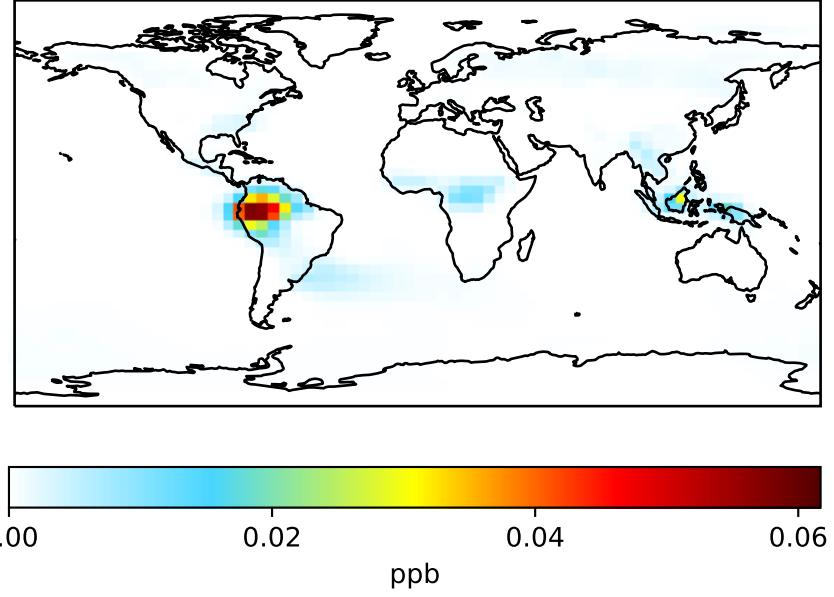


SpeciesConc_IPMN

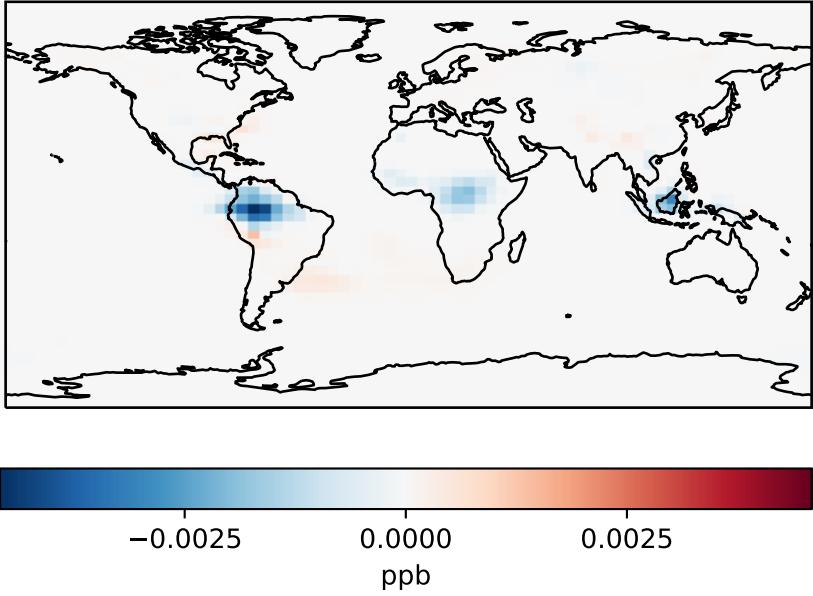
GC_12.3.0 (Ref)
4x5



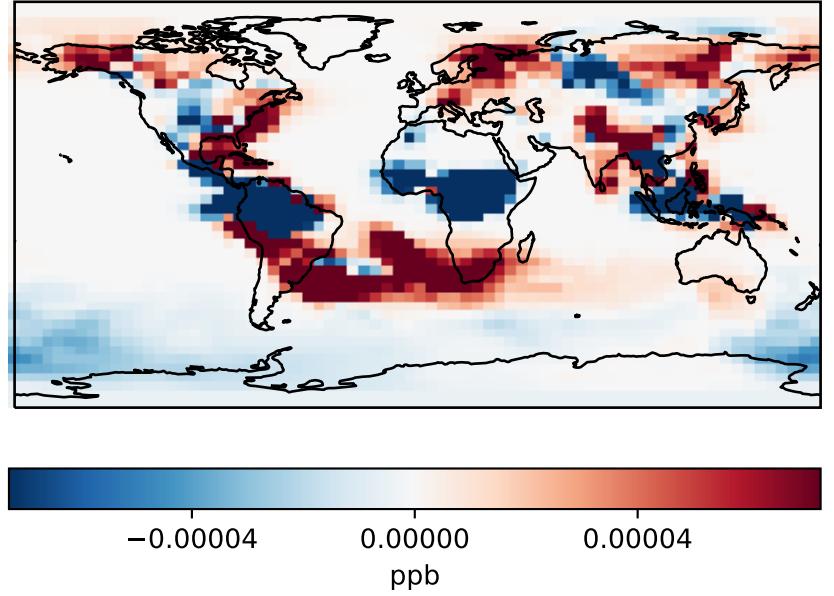
GC_12.5.0 (Dev)
4x5



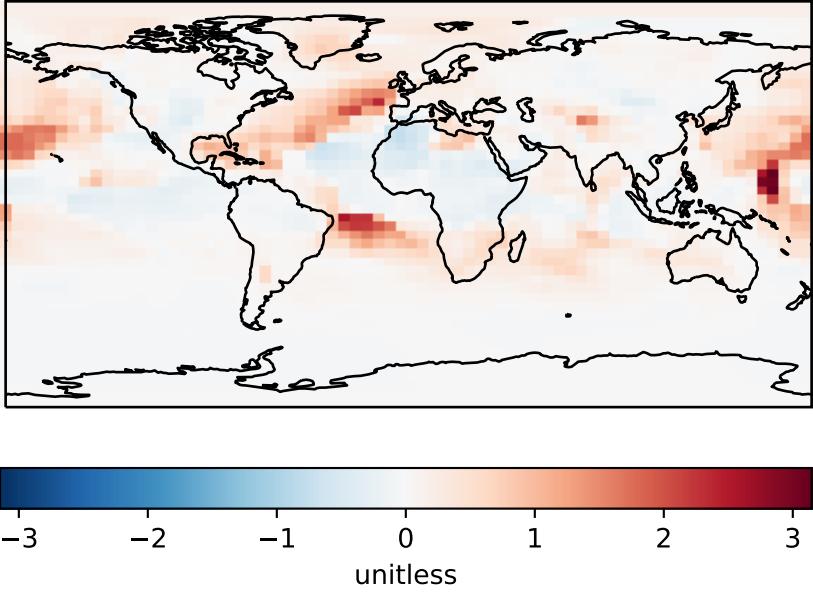
Difference
Dev - Ref, Dynamic Range



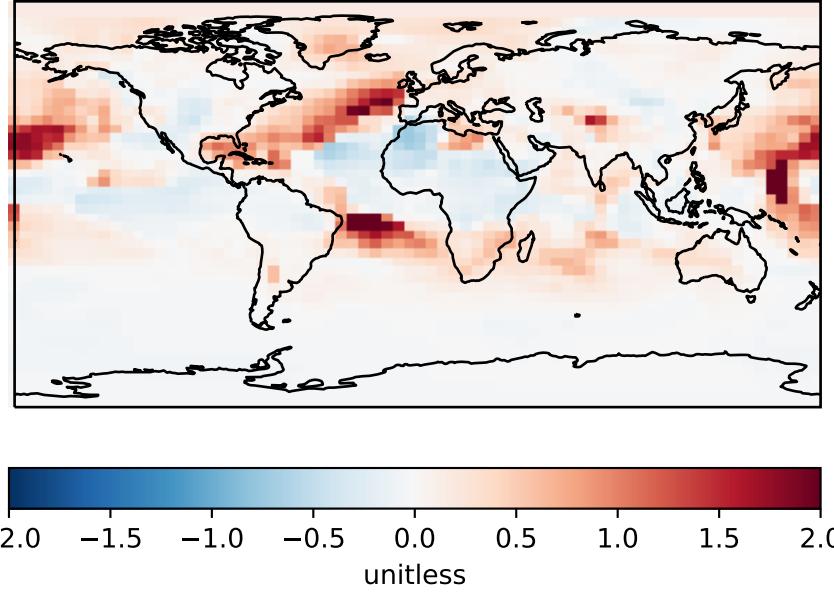
Difference
Dev - Ref, Restricted Range [5%,95%]



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

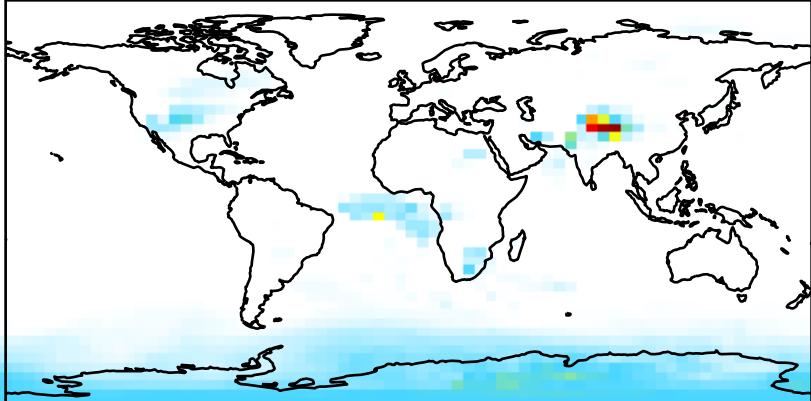


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

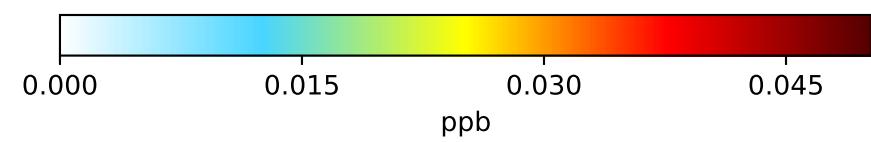
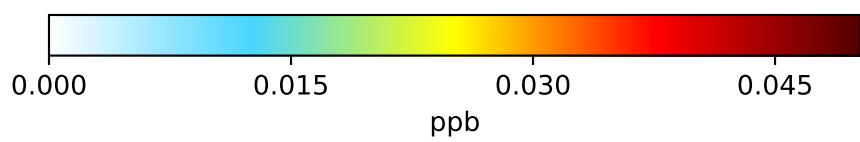
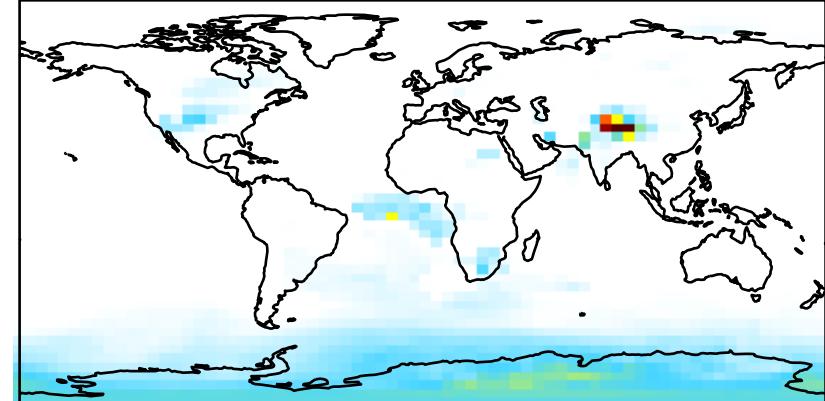


SpeciesConc_NIT

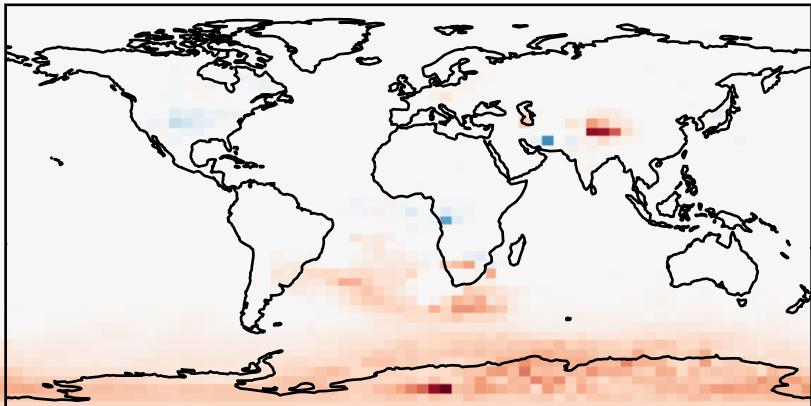
GC_12.3.0 (Ref)
4x5



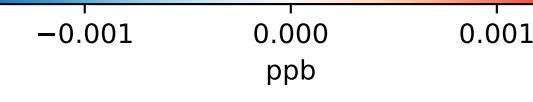
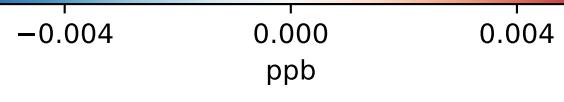
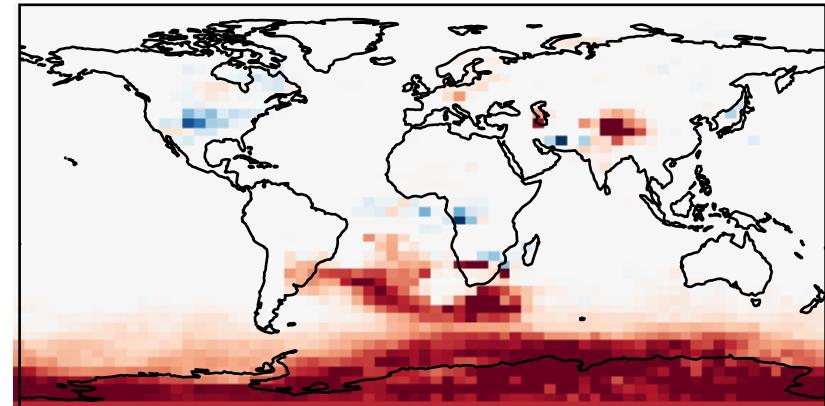
GC_12.5.0 (Dev)
4x5



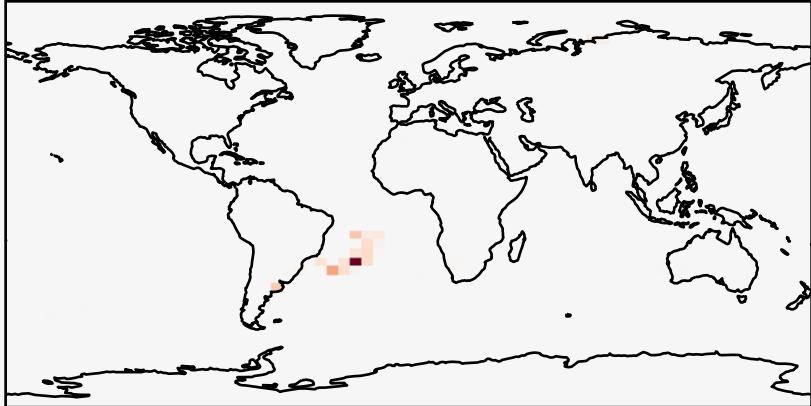
Difference
Dev - Ref, Dynamic Range



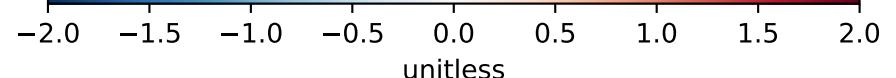
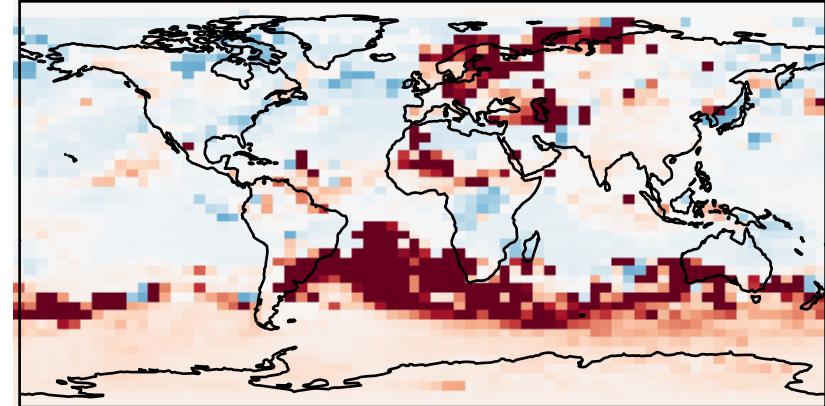
Difference
Dev - Ref, Restricted Range [5%,95%]



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

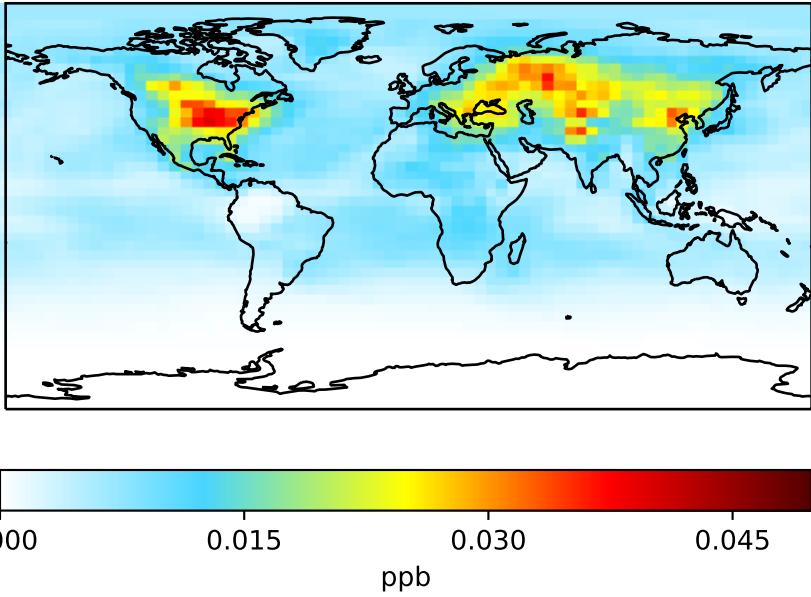


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

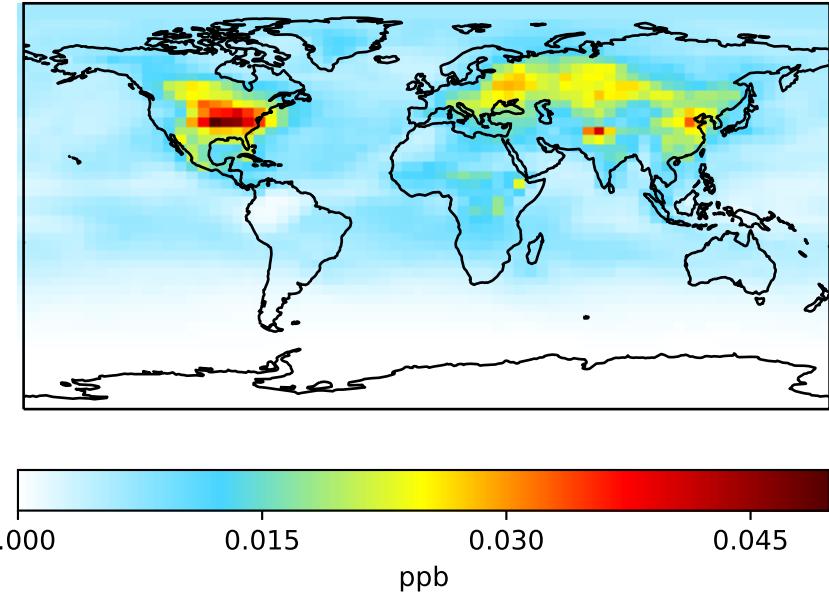


SpeciesConc_NO

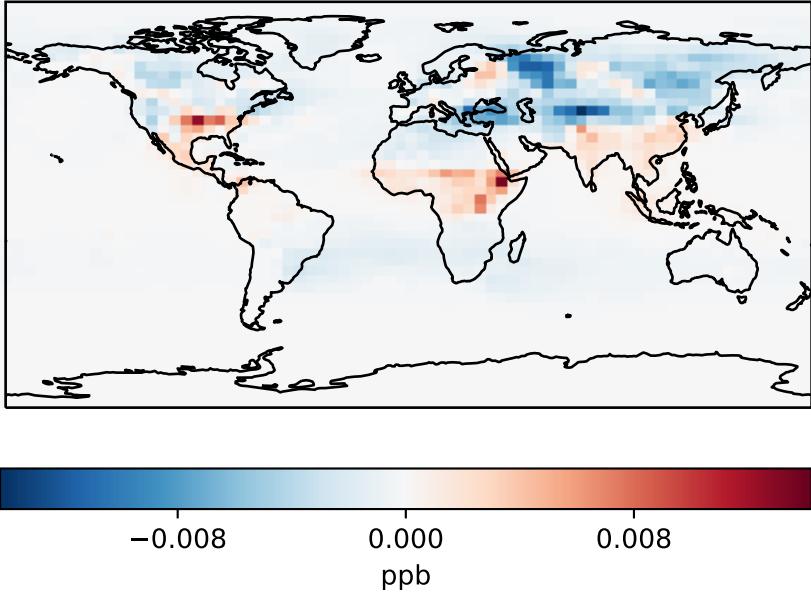
GC_12.3.0 (Ref)
4x5



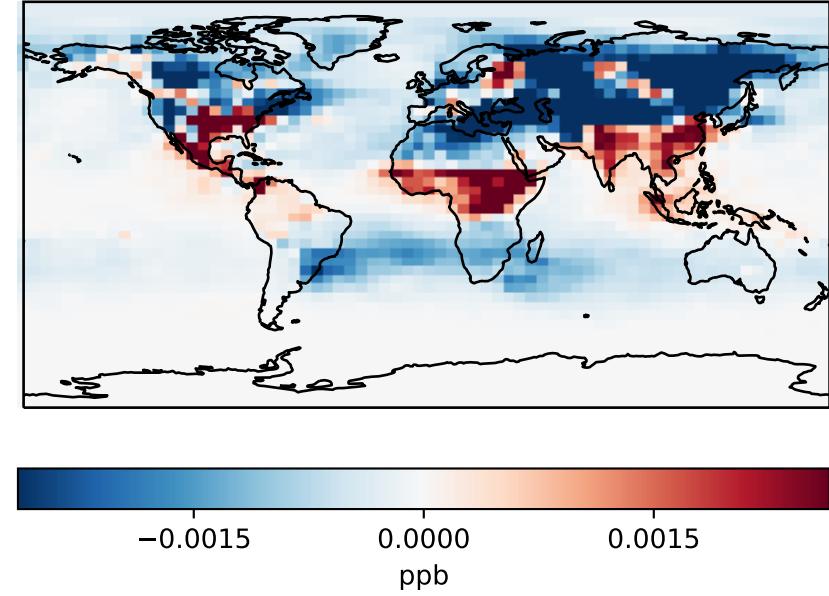
GC_12.5.0 (Dev)
4x5



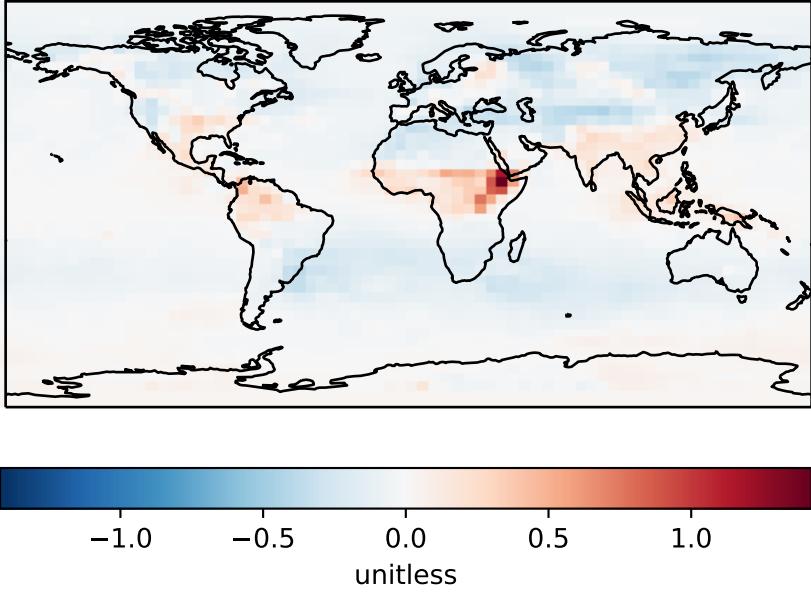
Difference
Dev - Ref, Dynamic Range



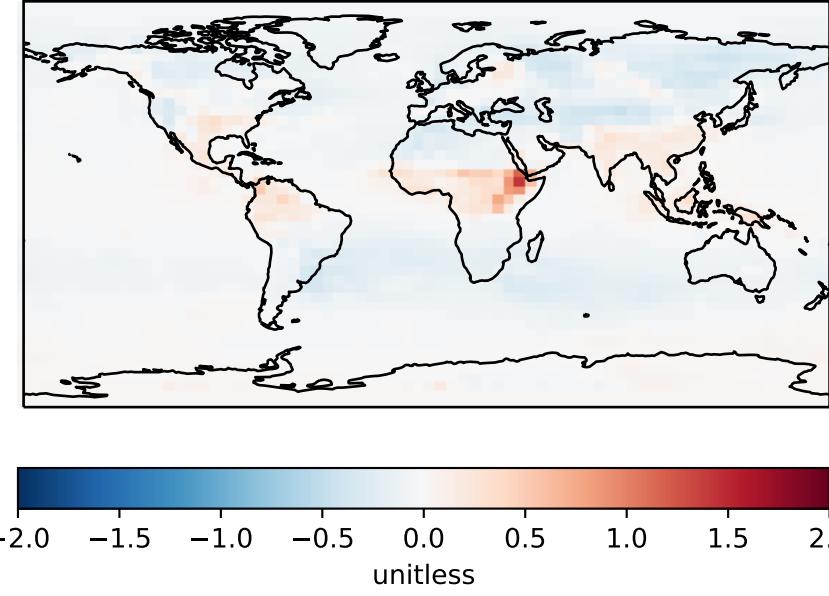
Difference
Dev - Ref, Restricted Range [5%,95%]



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

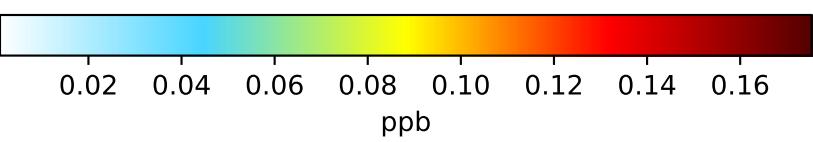
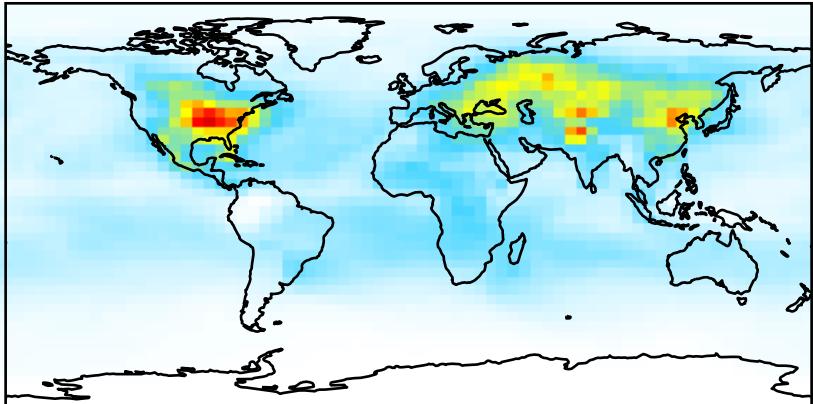


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

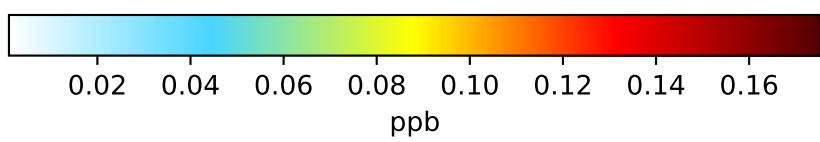
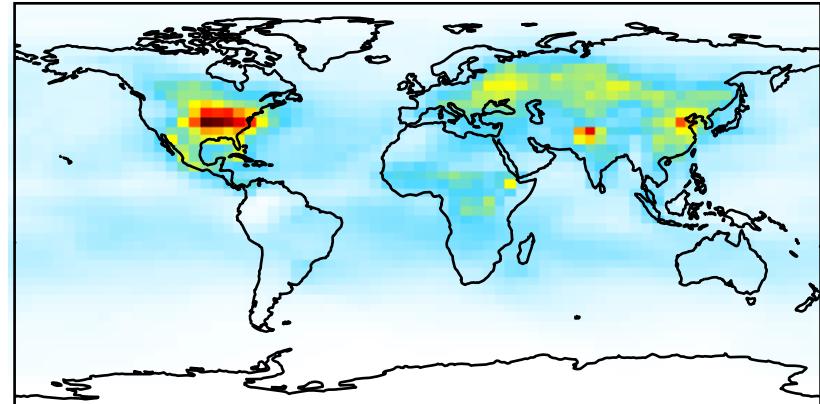


SpeciesConc_NO2

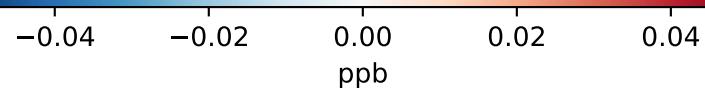
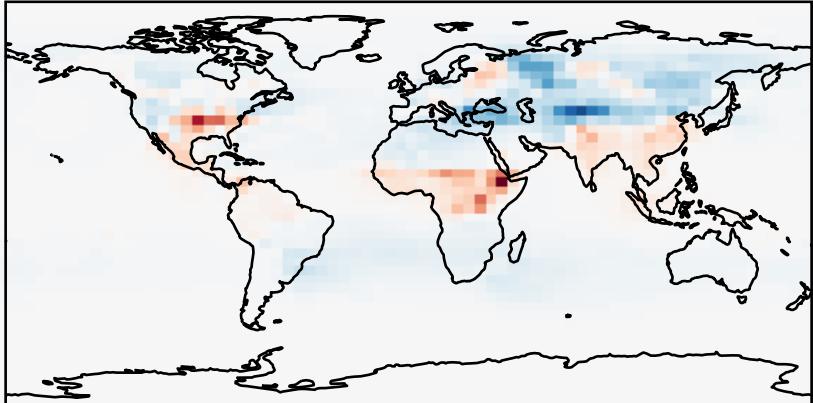
GC_12.3.0 (Ref)
4x5



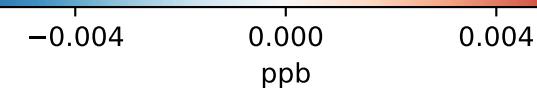
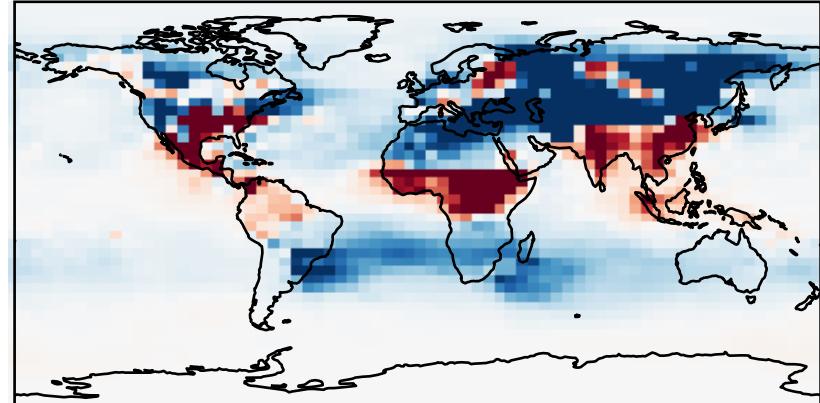
GC_12.5.0 (Dev)
4x5



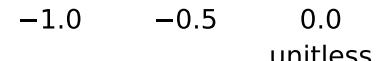
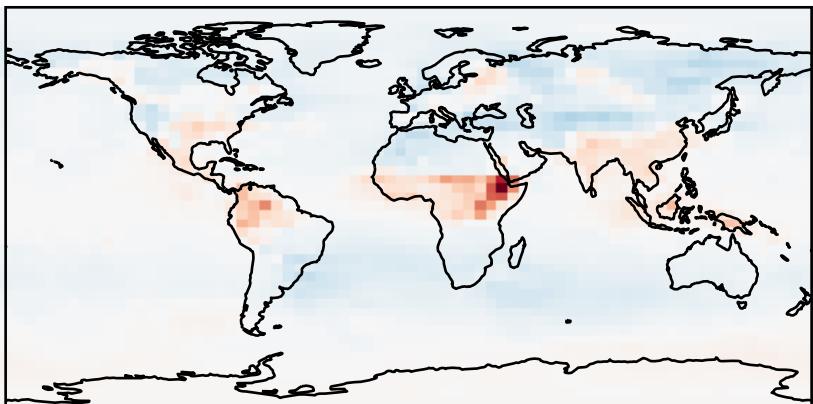
Difference
Dev - Ref, Dynamic Range



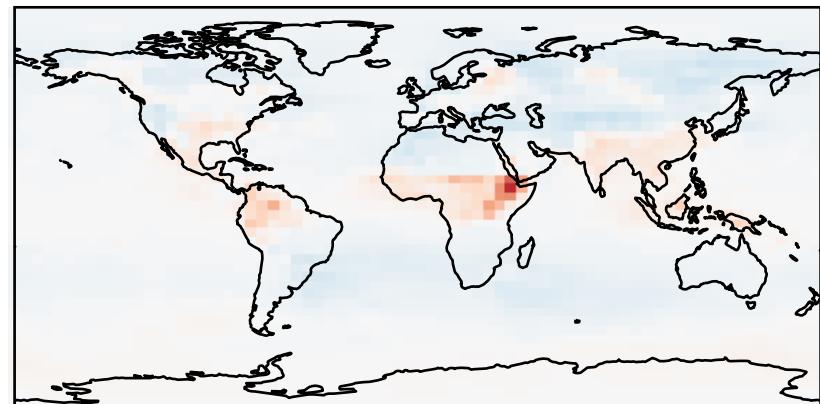
Difference
Dev - Ref, Restricted Range [5%,95%]



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

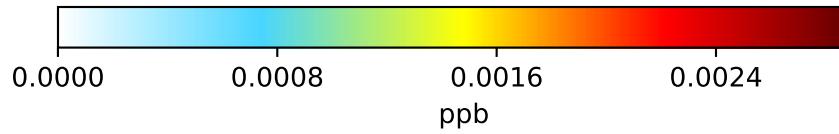
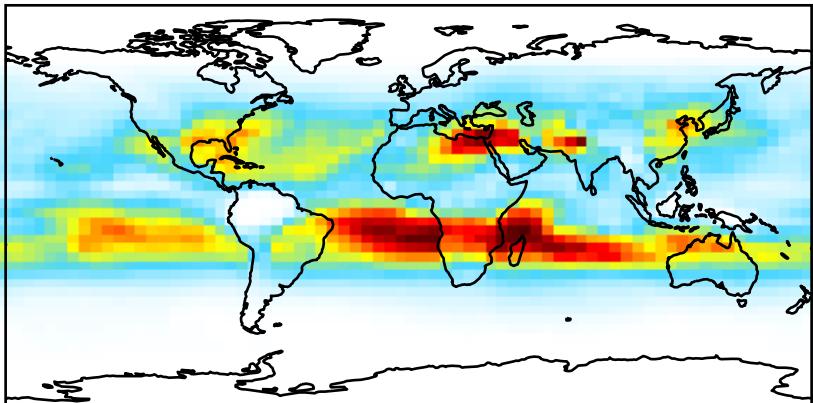


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

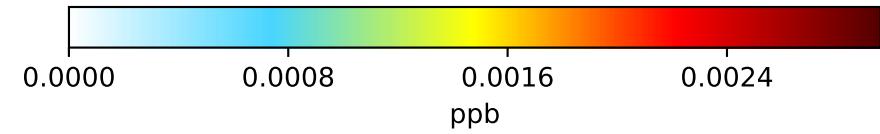
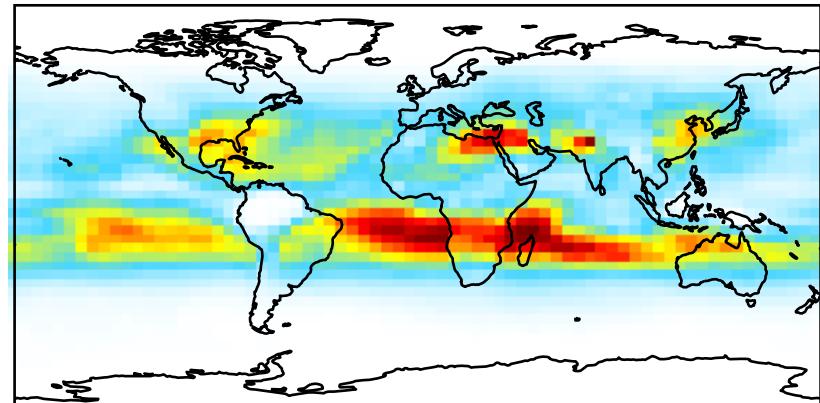


SpeciesConc_NO3

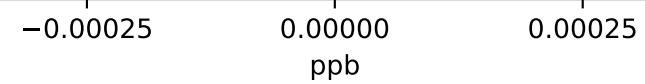
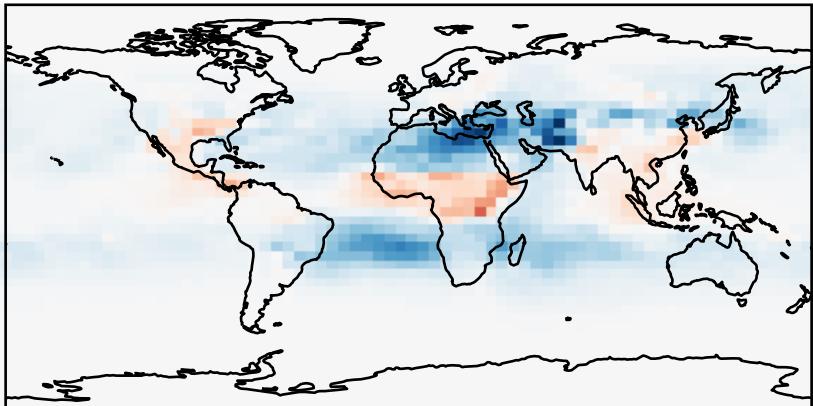
GC_12.3.0 (Ref)
4x5



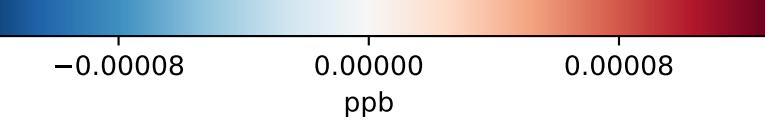
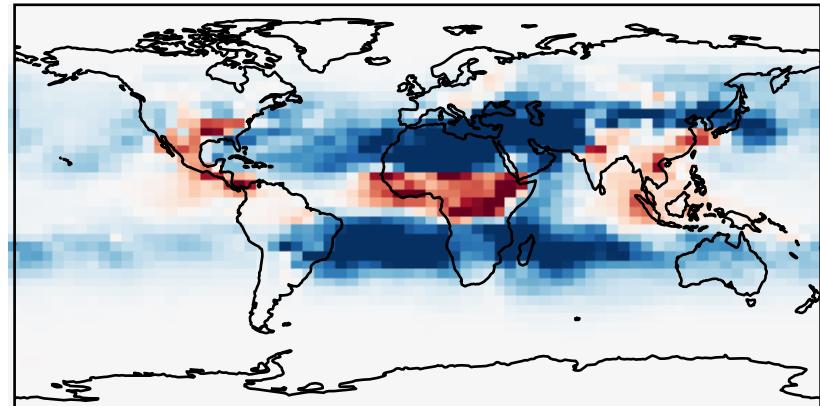
GC_12.5.0 (Dev)
4x5



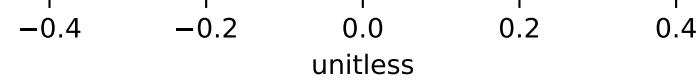
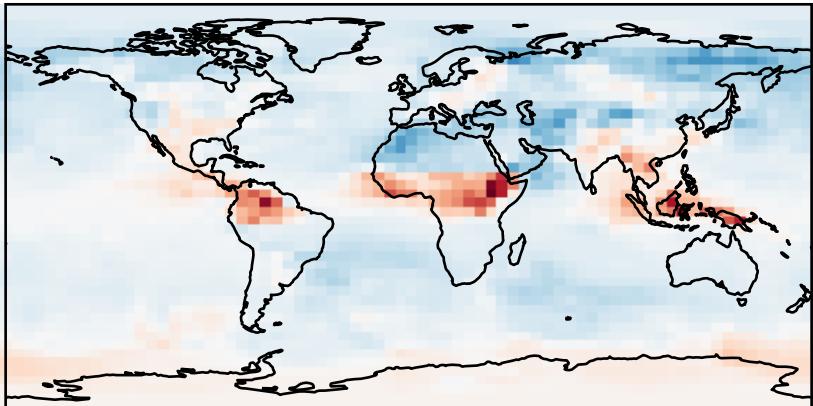
Difference
Dev - Ref, Dynamic Range



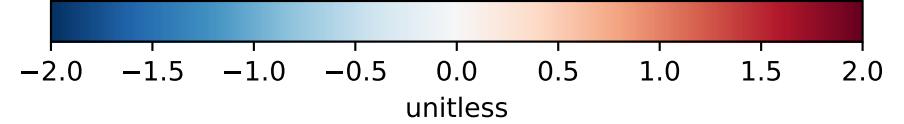
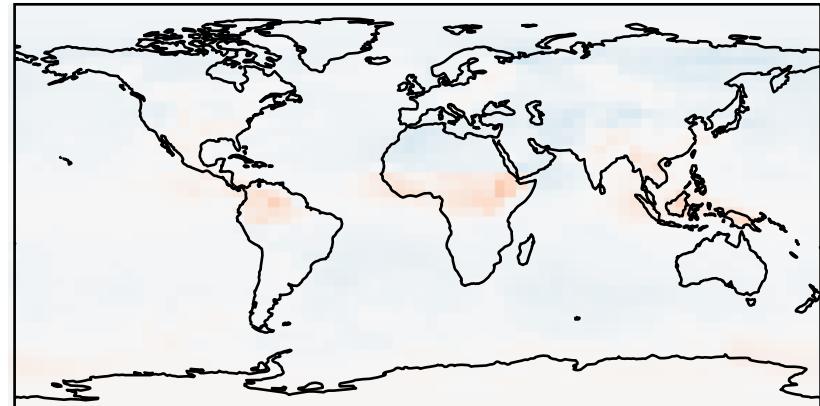
Difference
Dev - Ref, Restricted Range [5%,95%]



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

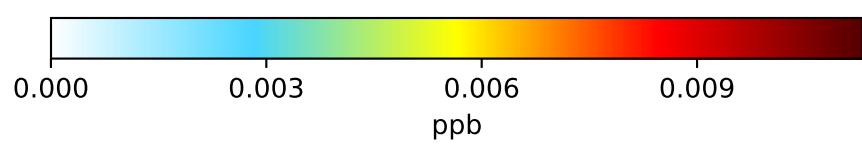
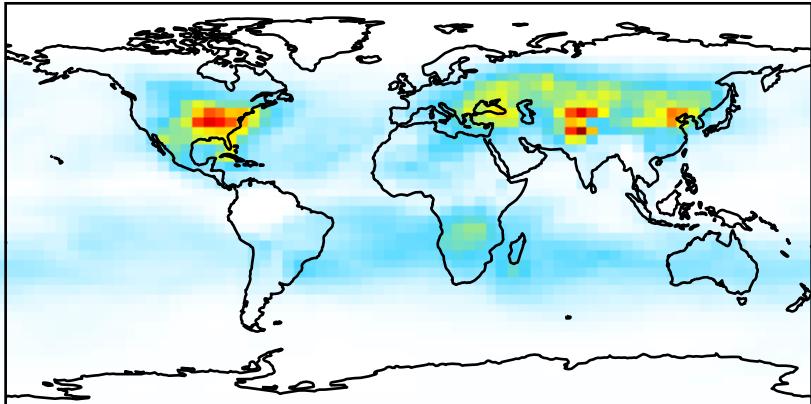


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

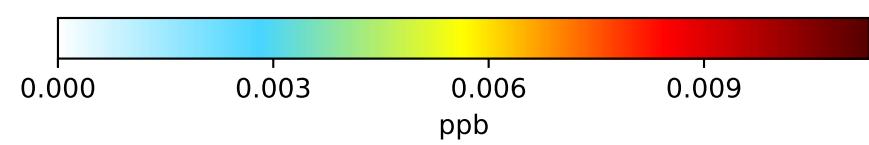
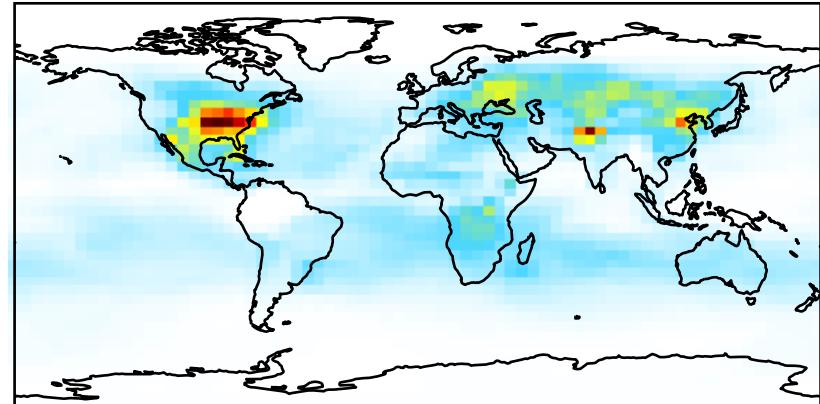


SpeciesConc_N2O5

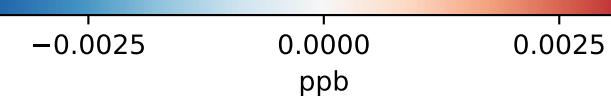
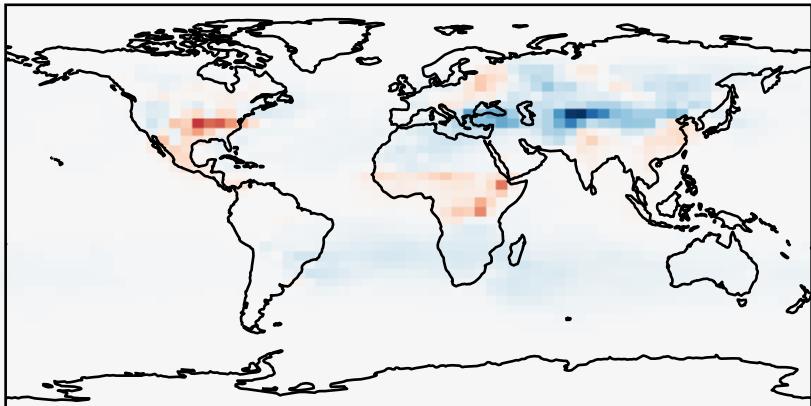
GC_12.3.0 (Ref)
4x5



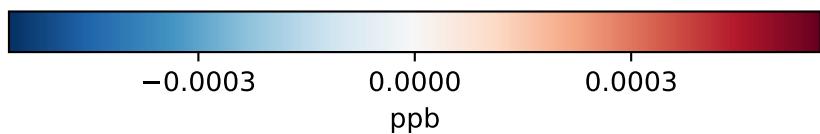
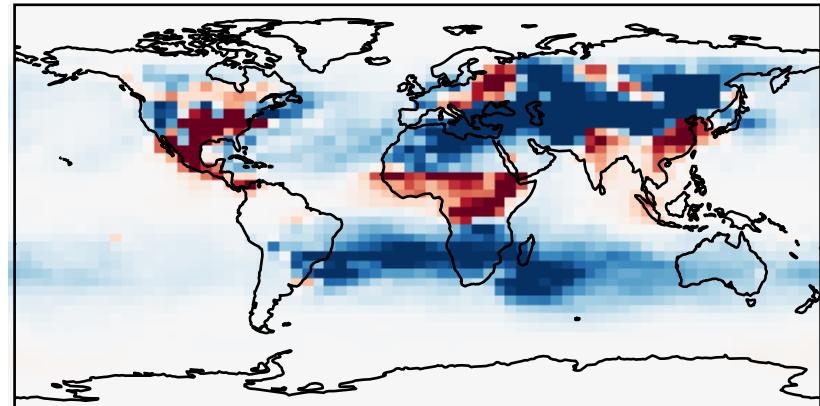
GC_12.5.0 (Dev)
4x5



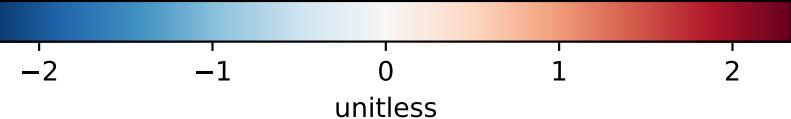
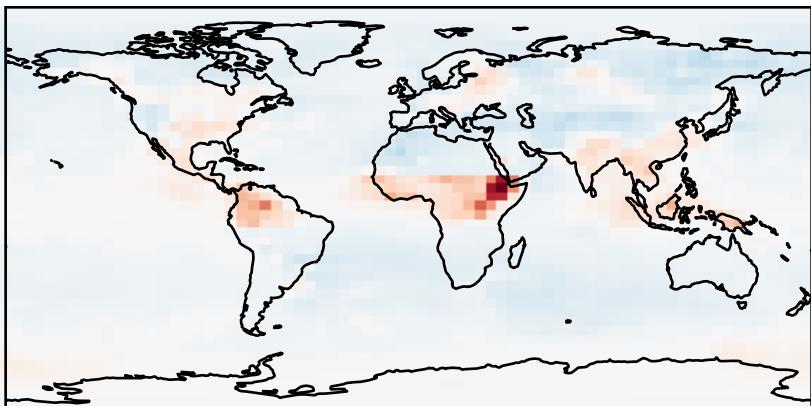
Difference
Dev - Ref, Dynamic Range



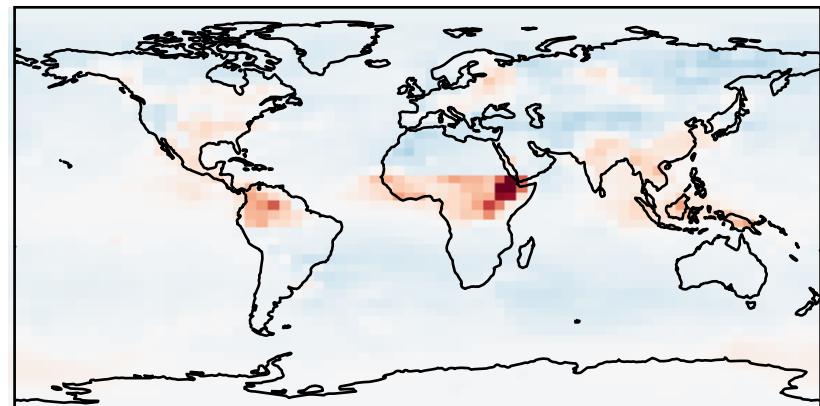
Difference
Dev - Ref, Restricted Range [5%,95%]



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

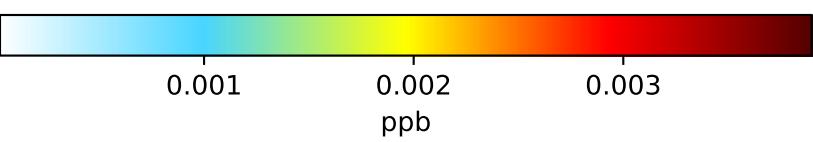
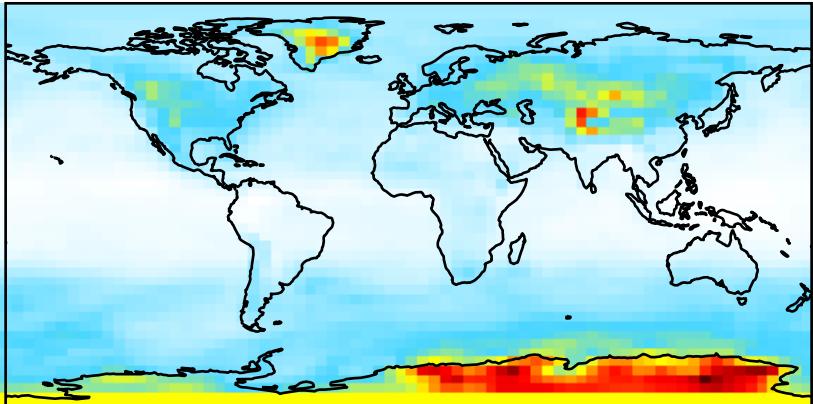


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

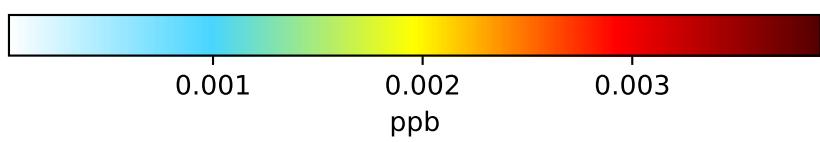
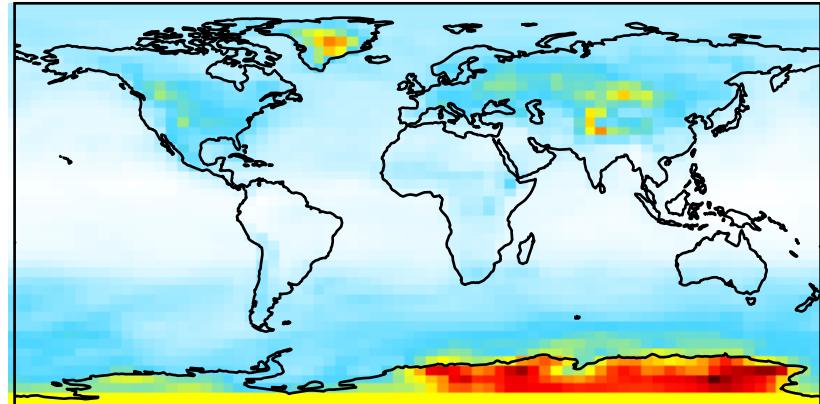


SpeciesConc_MPN

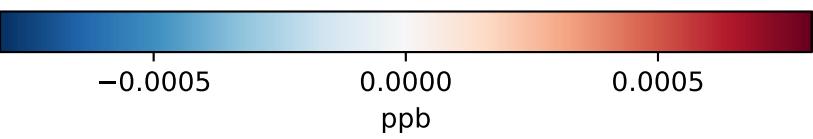
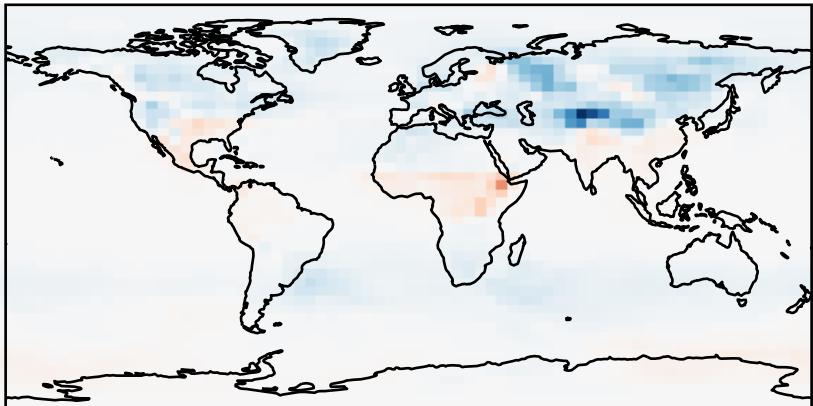
GC_12.3.0 (Ref)
4x5



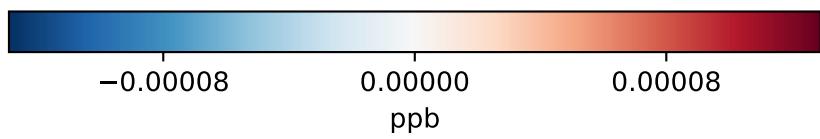
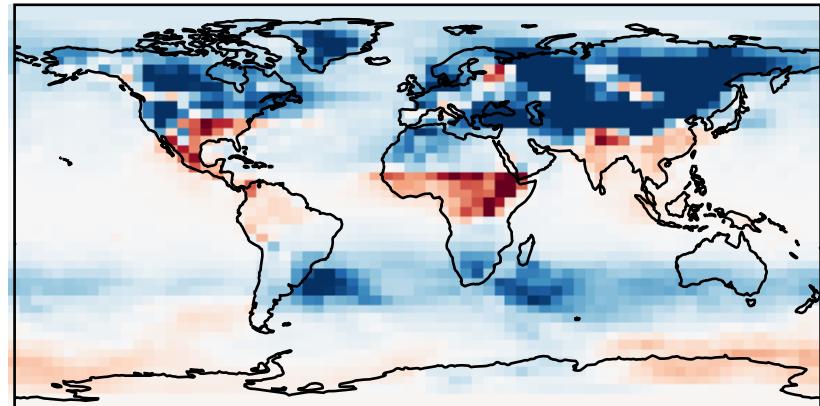
GC_12.5.0 (Dev)
4x5



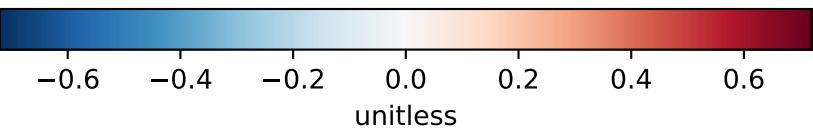
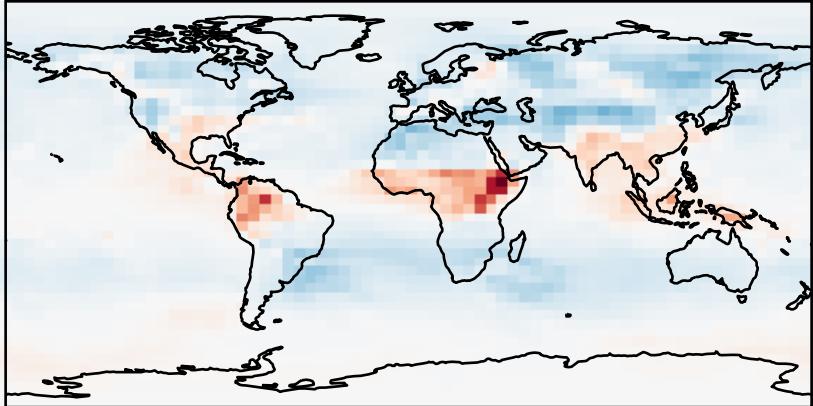
Difference
Dev - Ref, Dynamic Range



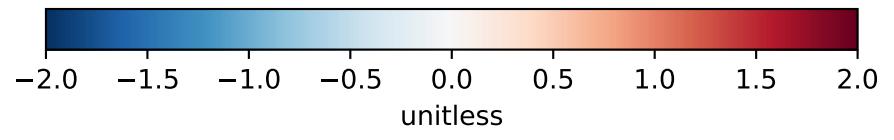
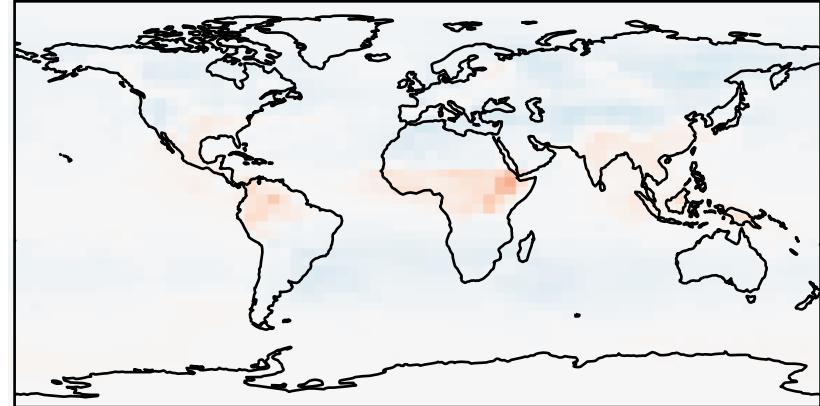
Difference
Dev - Ref, Restricted Range [5%,95%]



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

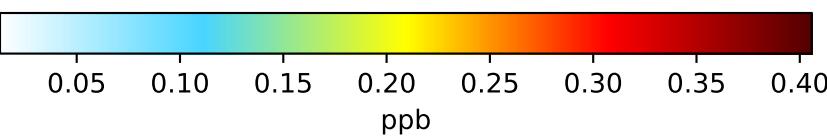
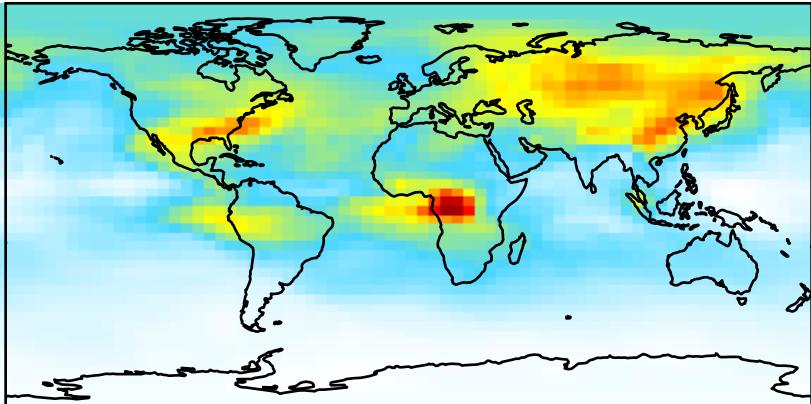


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

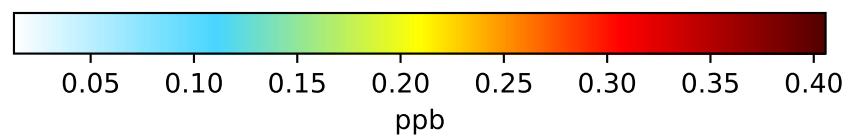
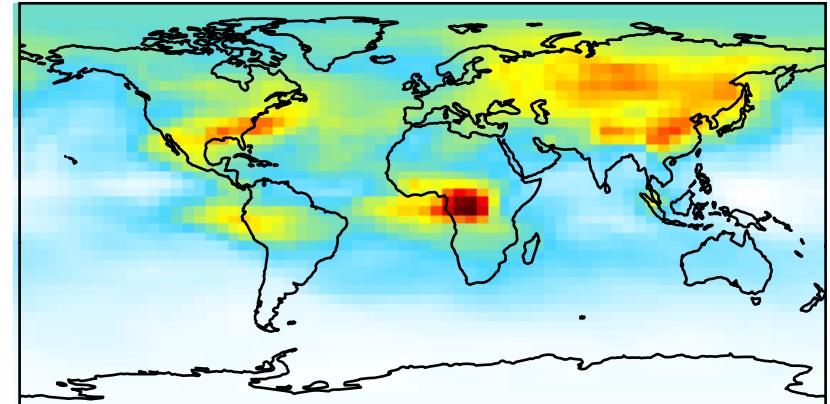


SpeciesConc_PAN

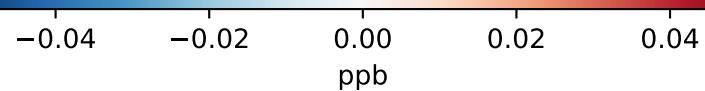
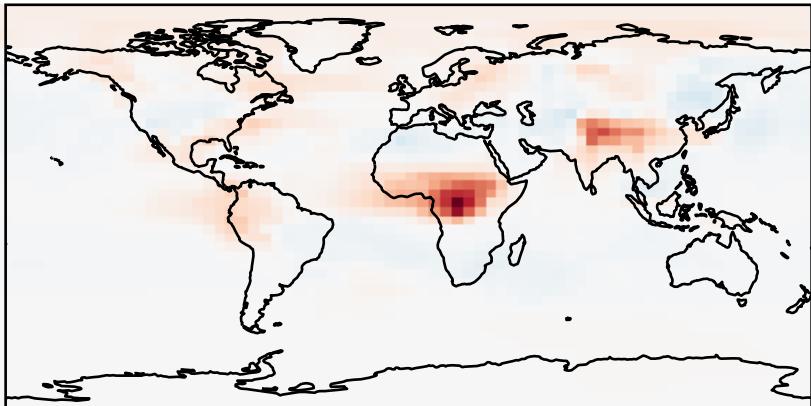
GC_12.3.0 (Ref)
4x5



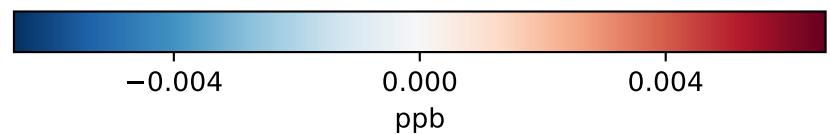
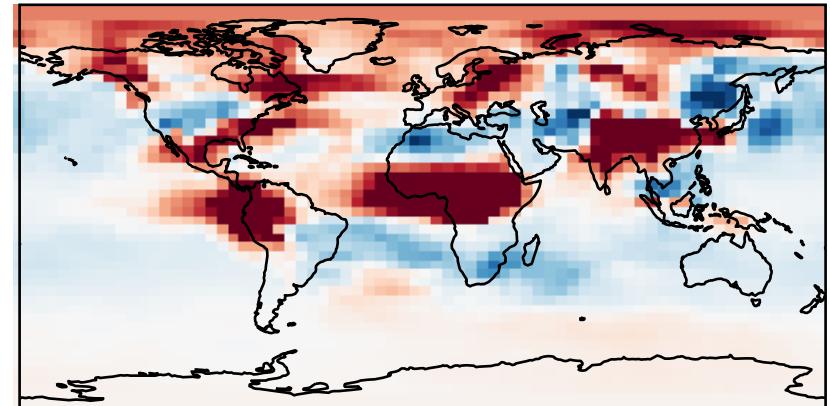
GC_12.5.0 (Dev)
4x5



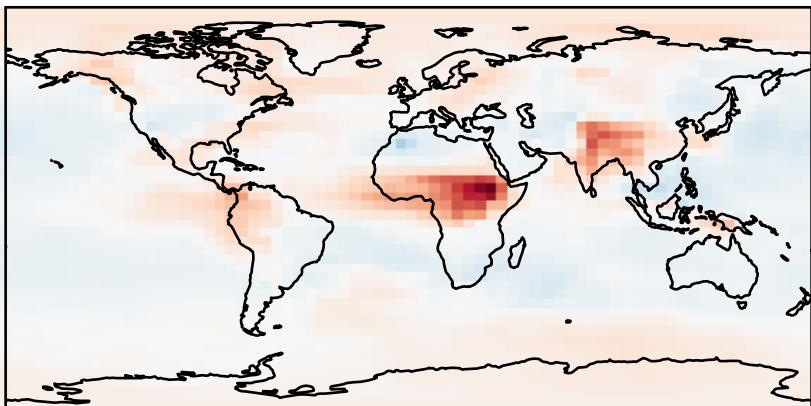
Difference
Dev - Ref, Dynamic Range



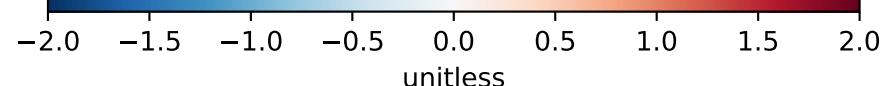
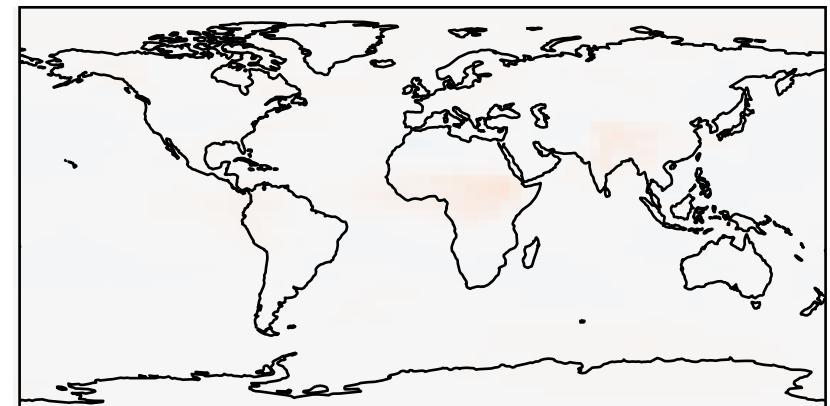
Difference
Dev - Ref, Restricted Range [5%,95%]



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

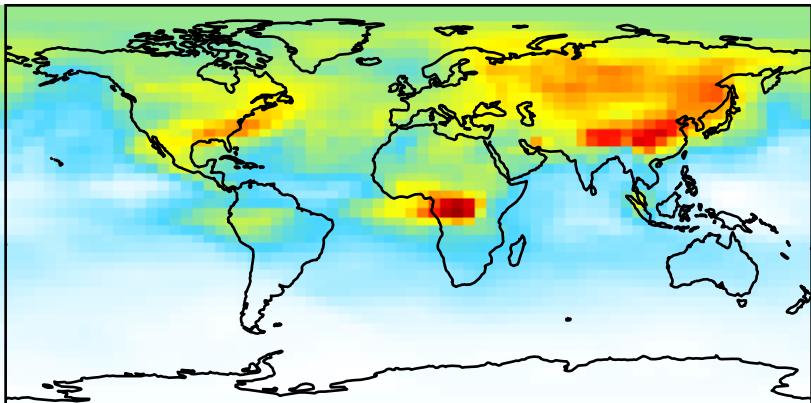


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

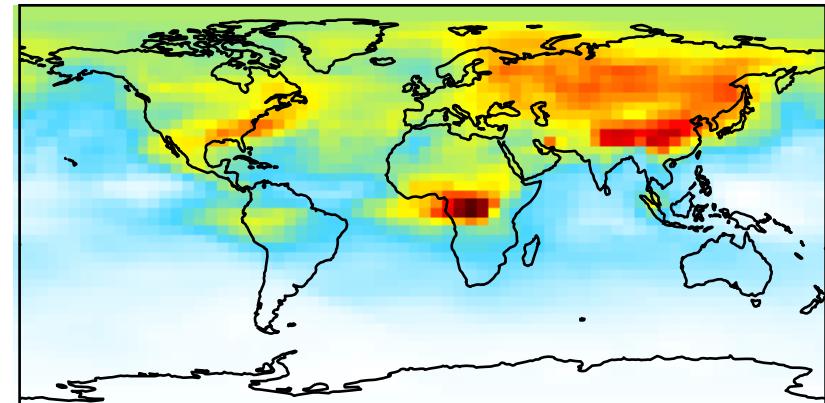


SpeciesConc_PPN

GC_12.3.0 (Ref)
4x5



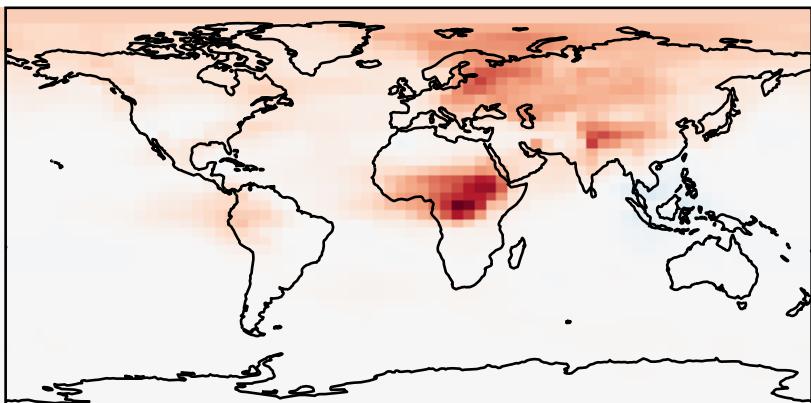
GC_12.5.0 (Dev)
4x5



0.008 0.016 0.024
ppb

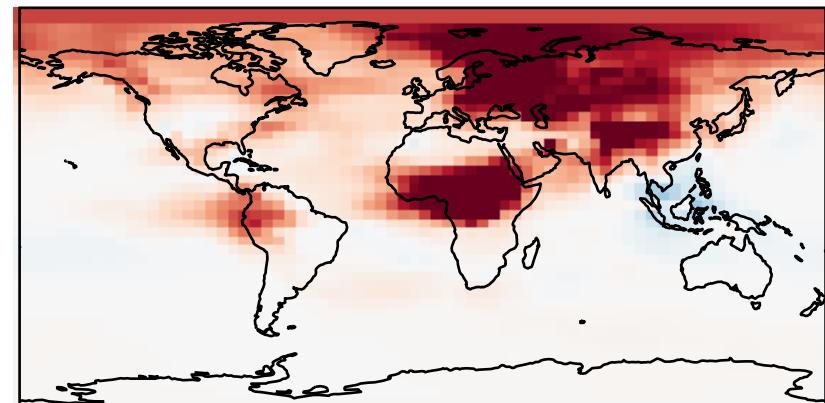
0.008 0.016 0.024
ppb

Difference
Dev - Ref, Dynamic Range



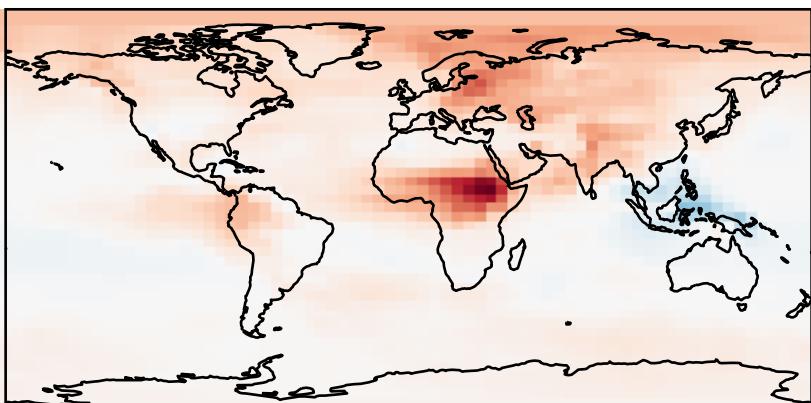
-0.002 0.000 0.002
ppb

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



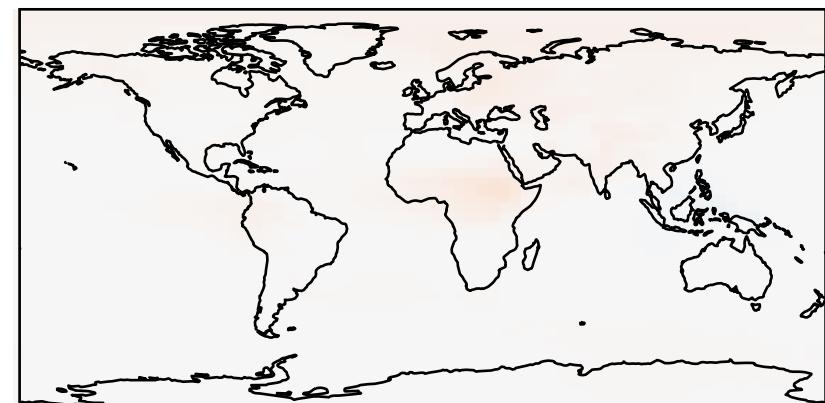
-0.0008 0.0000 0.0008
ppb

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



-0.2 -0.1 0.0 0.1 0.2
unitless

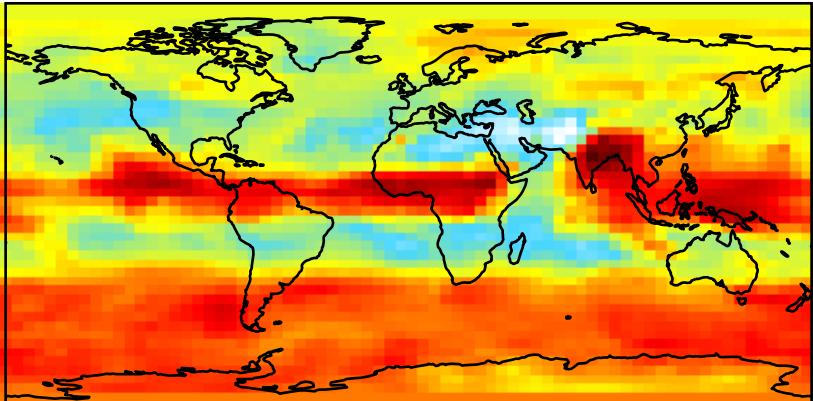
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



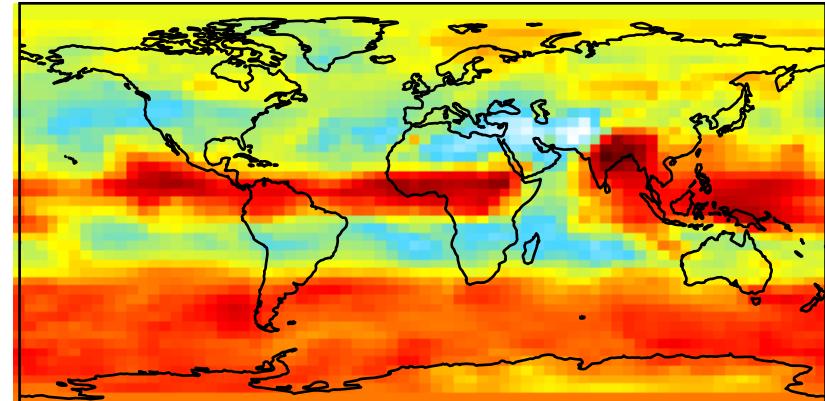
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_N2O

GC_12.3.0 (Ref)
4x5



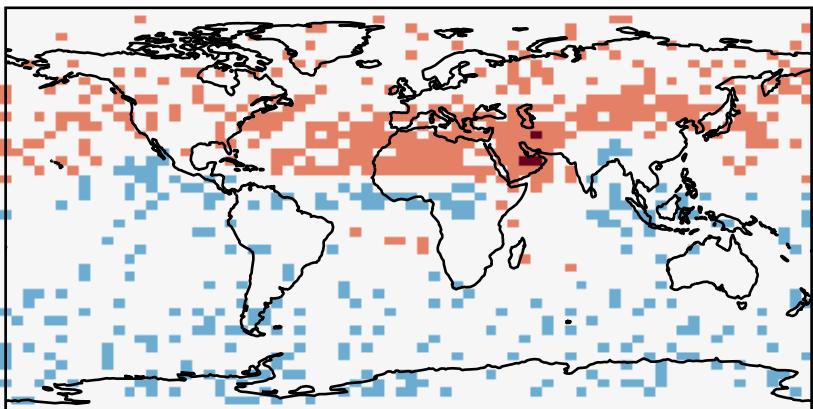
GC_12.5.0 (Dev)
4x5



327.0 327.2 327.4 327.6 327.8
ppb

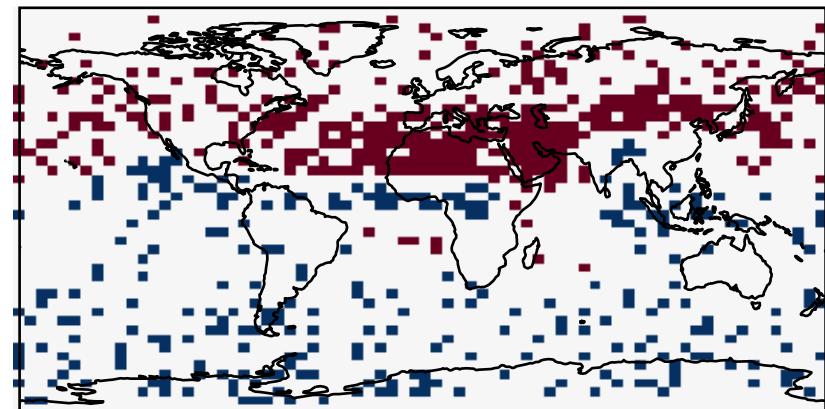
327.0 327.2 327.4 327.6 327.8
ppb

Difference
Dev - Ref, Dynamic Range



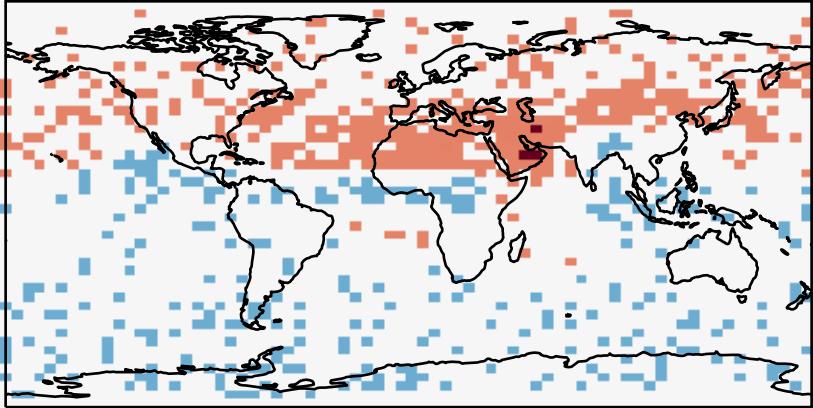
-0.00004 0.00000 0.00004
ppb

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



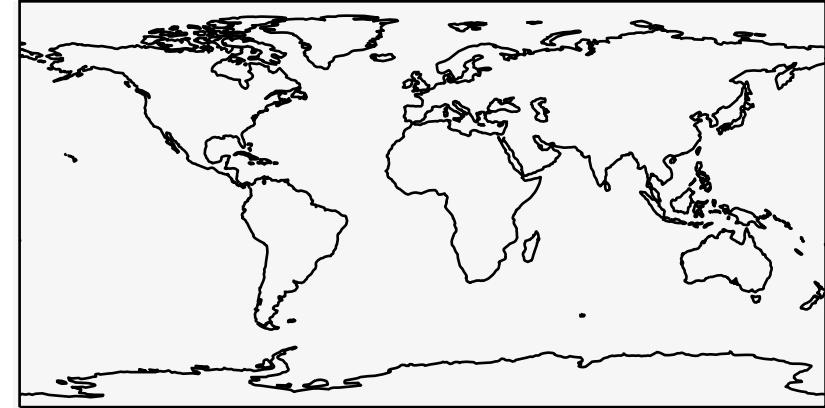
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ppb

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



-1 0 1 1e-7
unitless

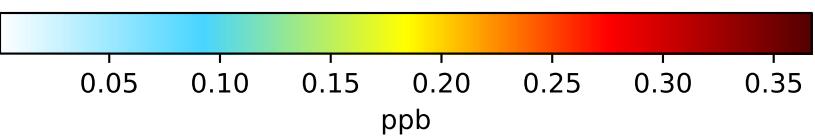
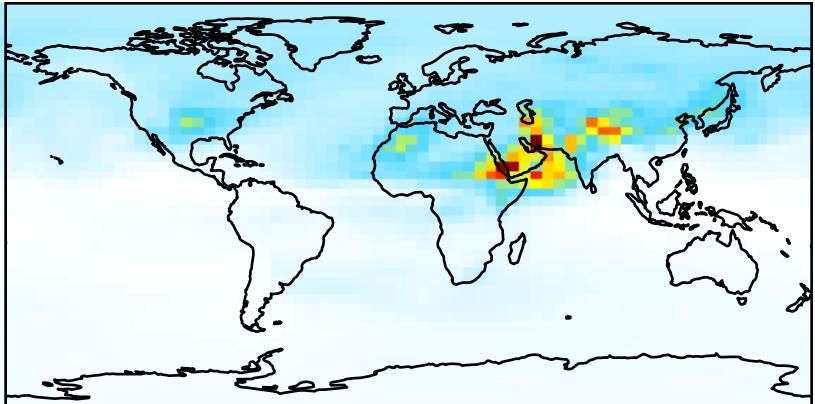
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



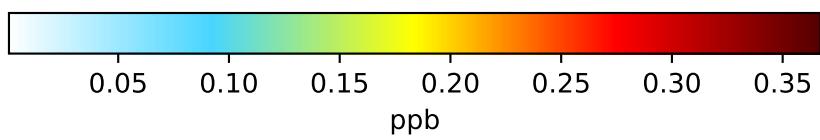
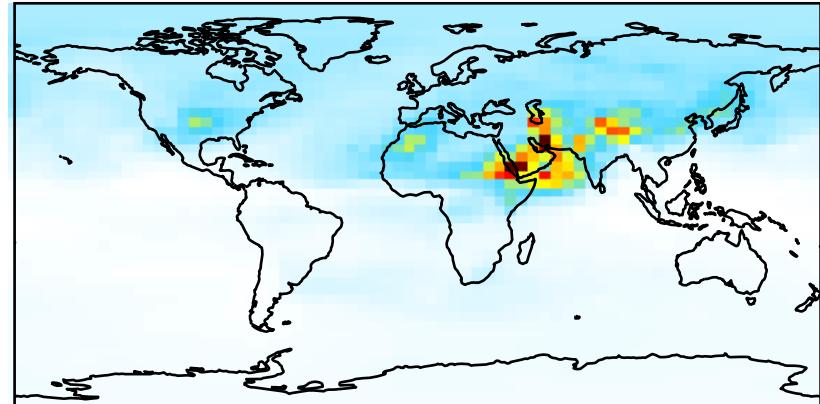
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_NHx

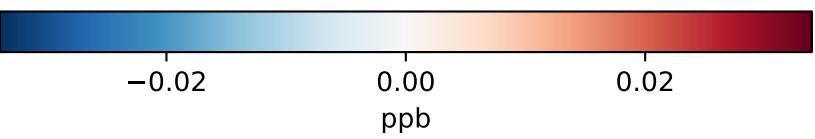
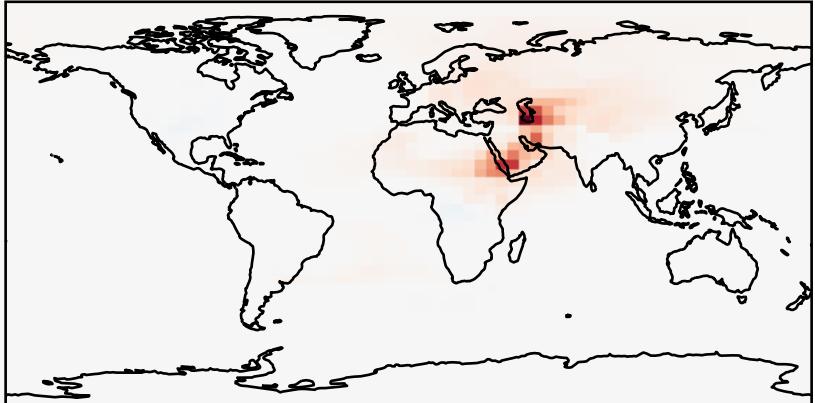
GC_12.3.0 (Ref)
4x5



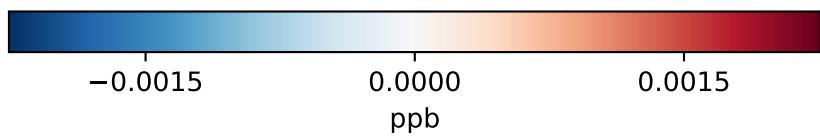
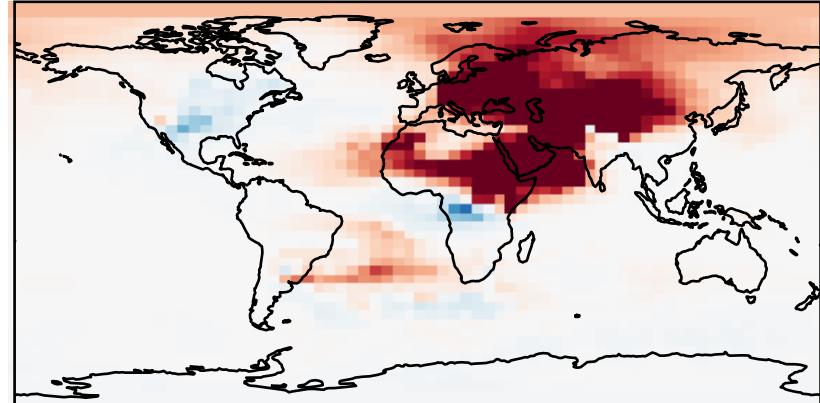
GC_12.5.0 (Dev)
4x5



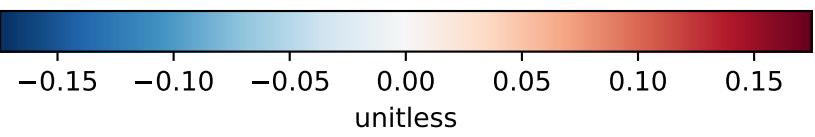
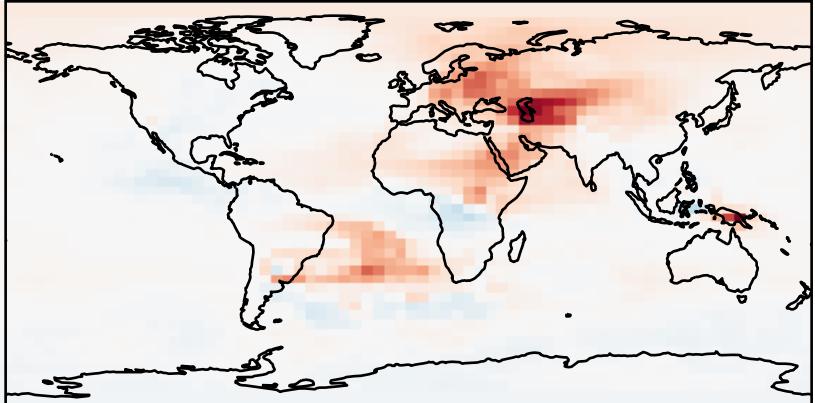
Difference
Dev - Ref, Dynamic Range



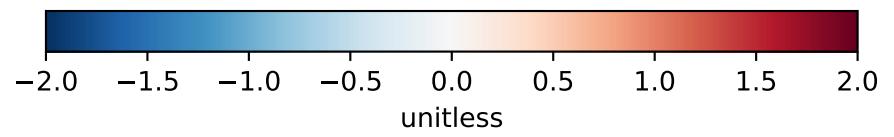
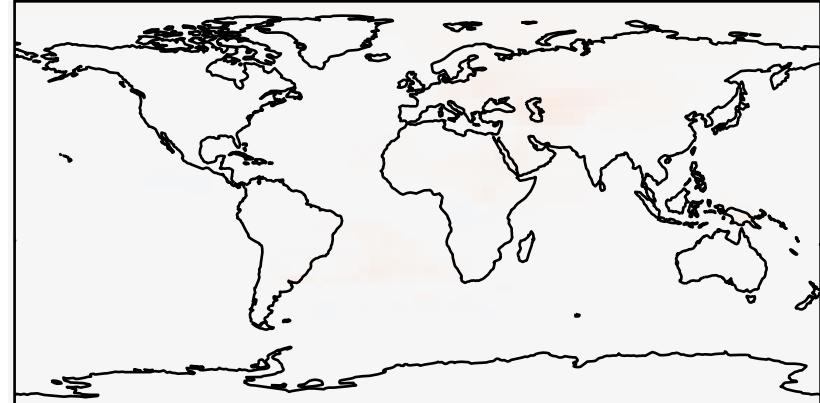
Difference
Dev - Ref, Restricted Range [5%,95%]



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

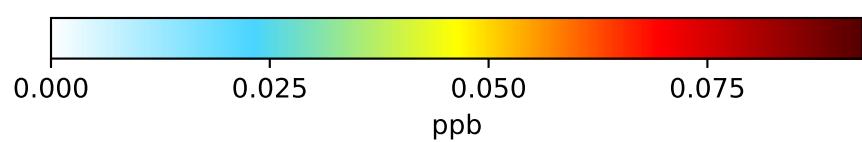
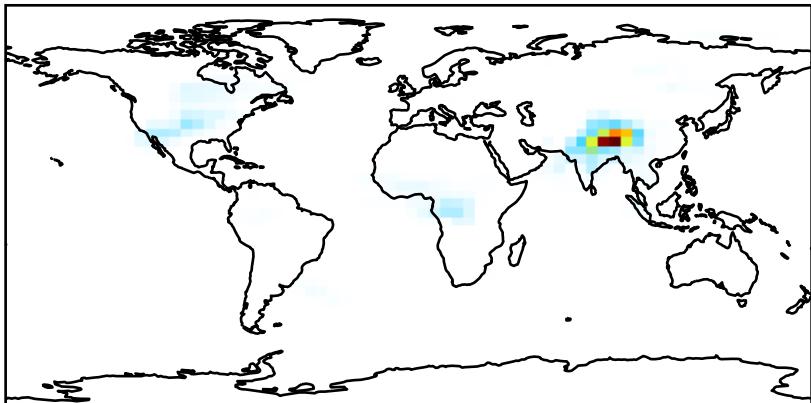


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

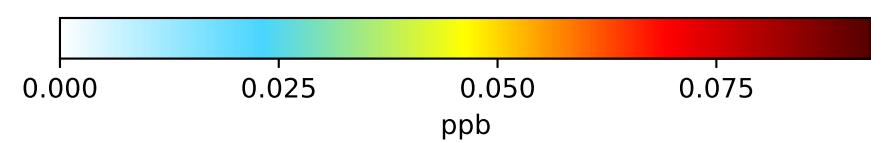
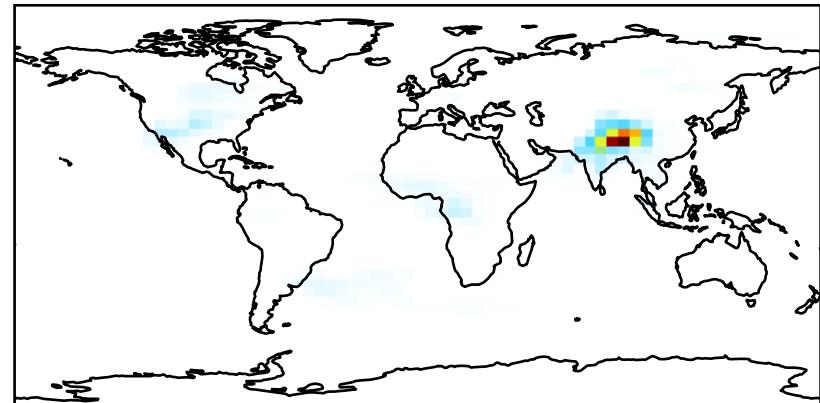


SpeciesConc_NH3

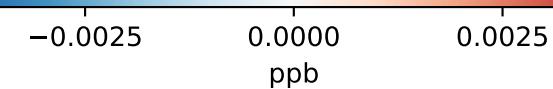
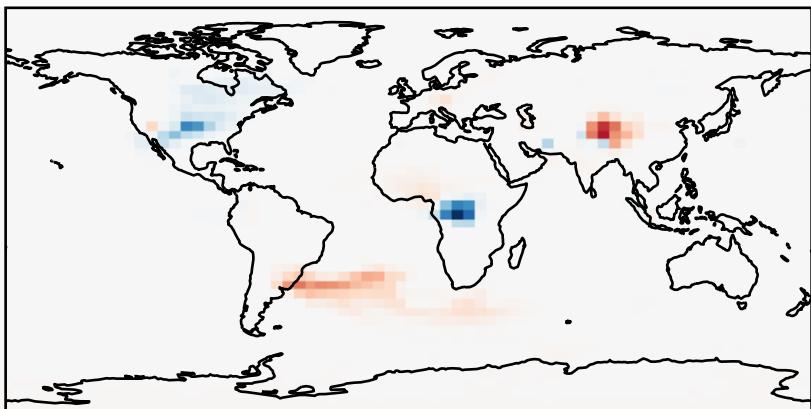
GC_12.3.0 (Ref)
4x5



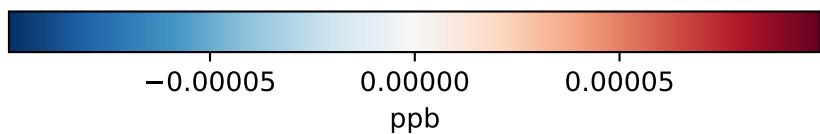
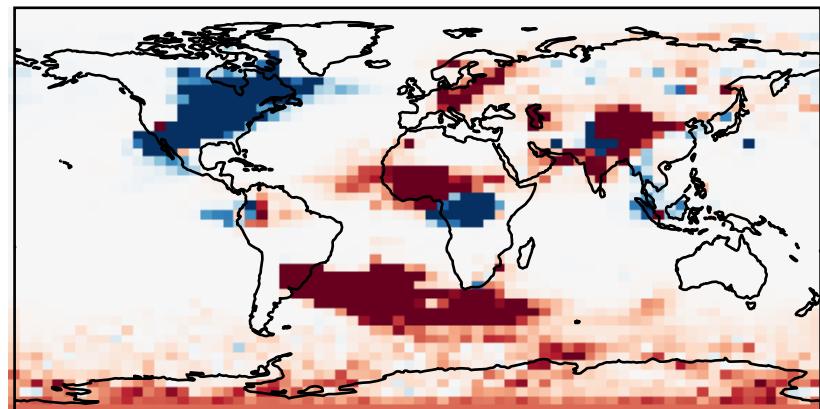
GC_12.5.0 (Dev)
4x5



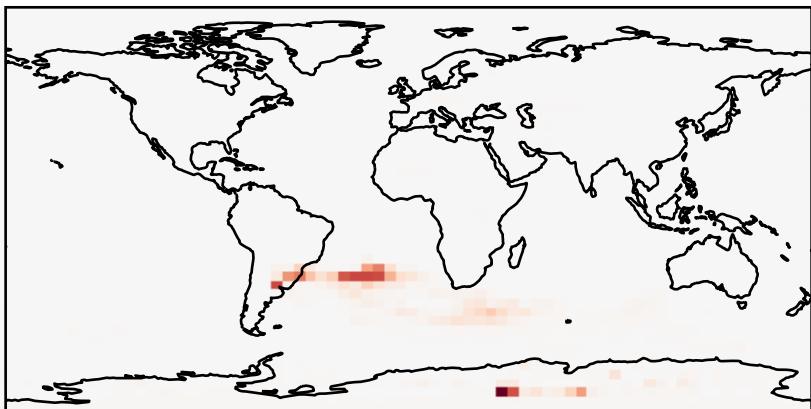
Difference
Dev - Ref, Dynamic Range



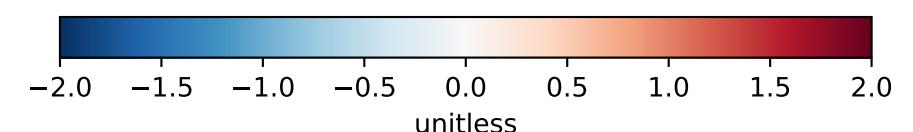
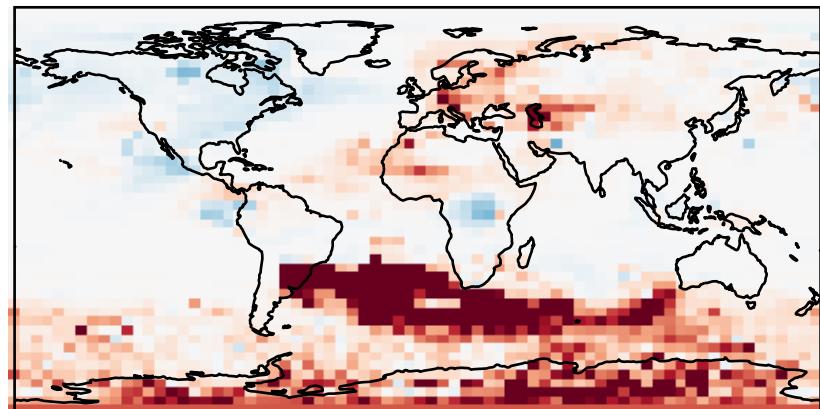
Difference
Dev - Ref, Restricted Range [5%,95%]



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

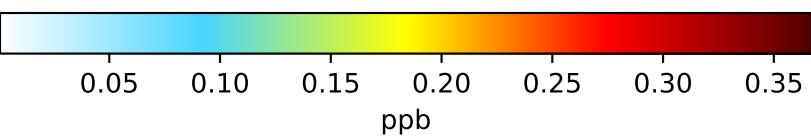
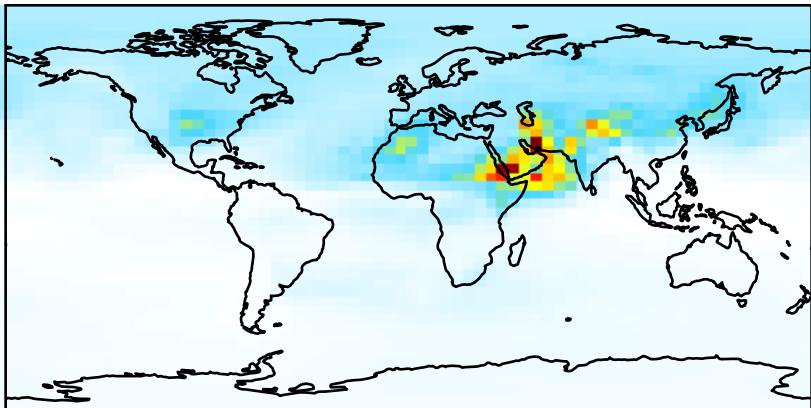


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

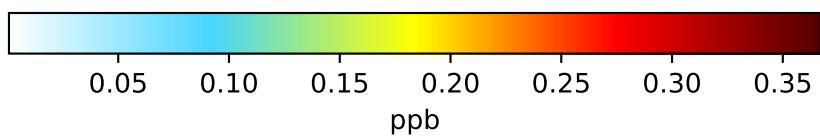
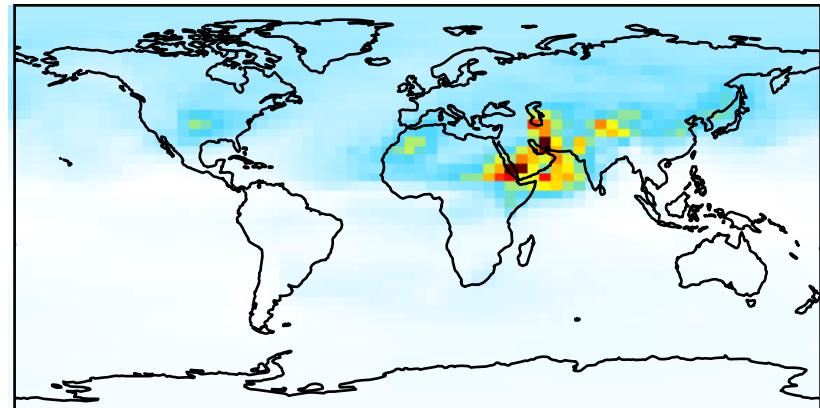


SpeciesConc_NH4

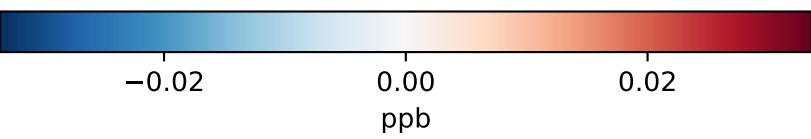
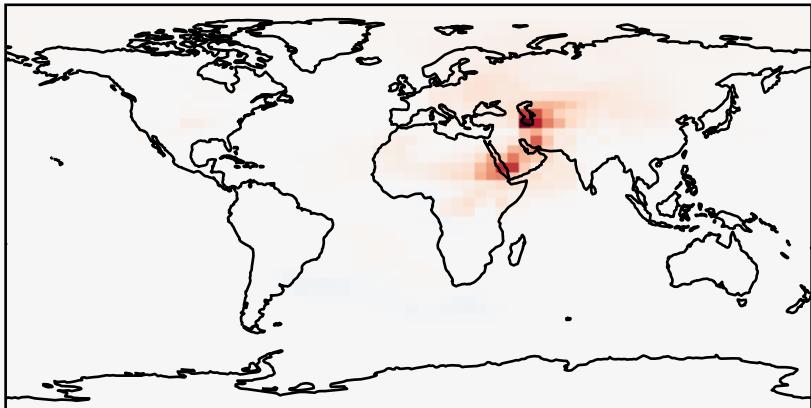
GC_12.3.0 (Ref)
4x5



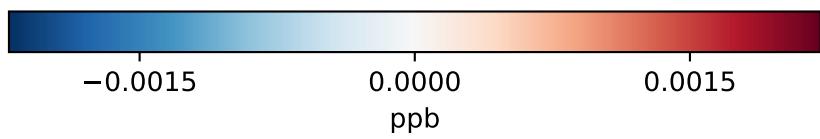
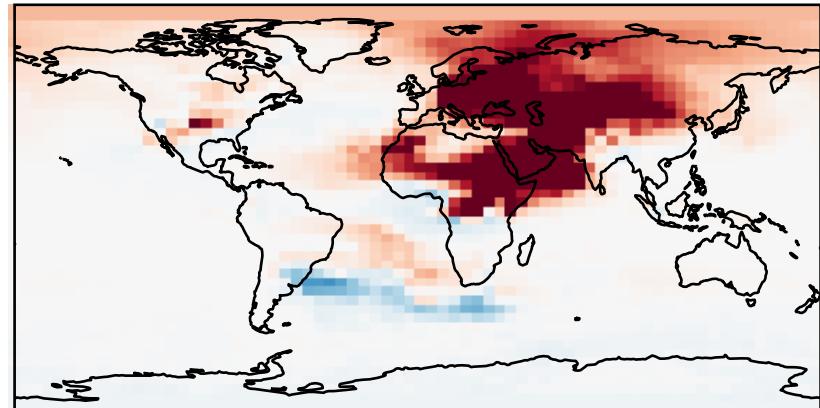
GC_12.5.0 (Dev)
4x5



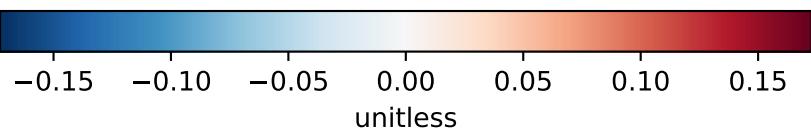
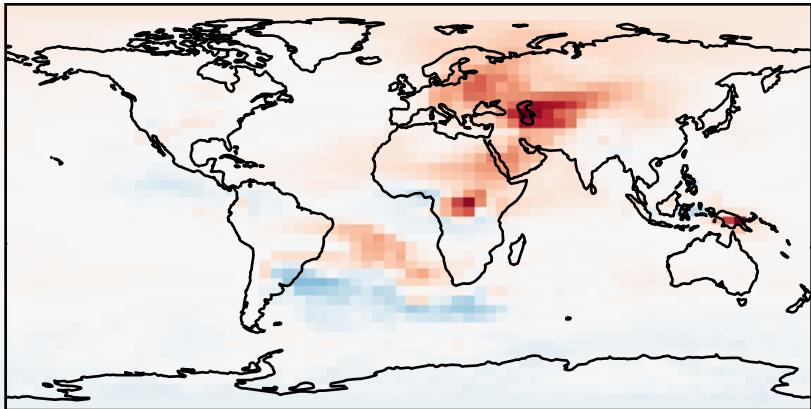
Difference
Dev - Ref, Dynamic Range



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



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



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

