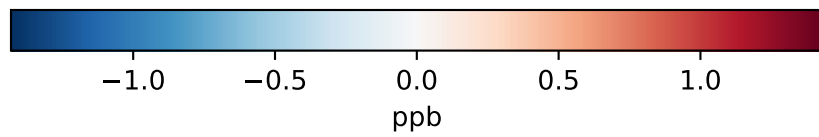
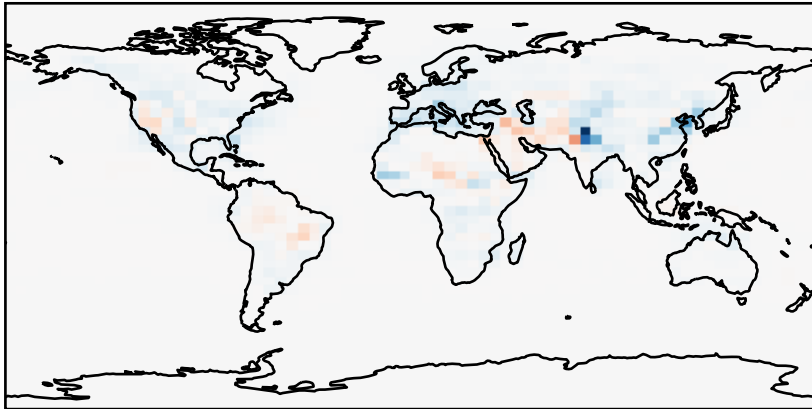
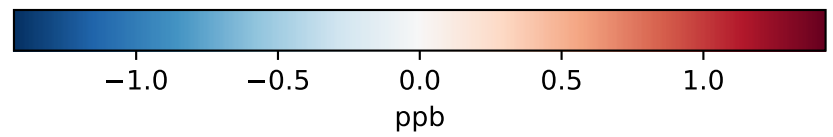
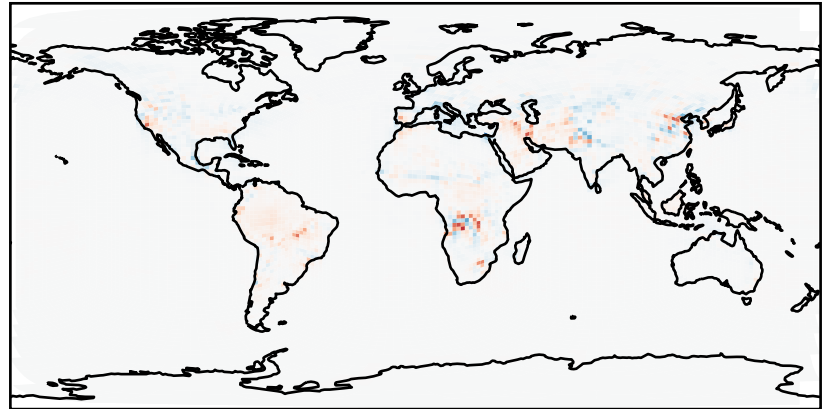


SpeciesConc_NOy

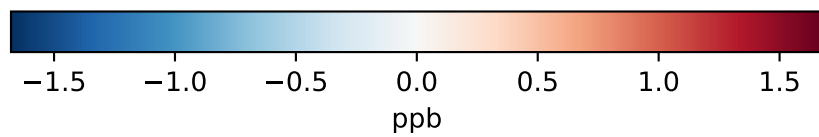
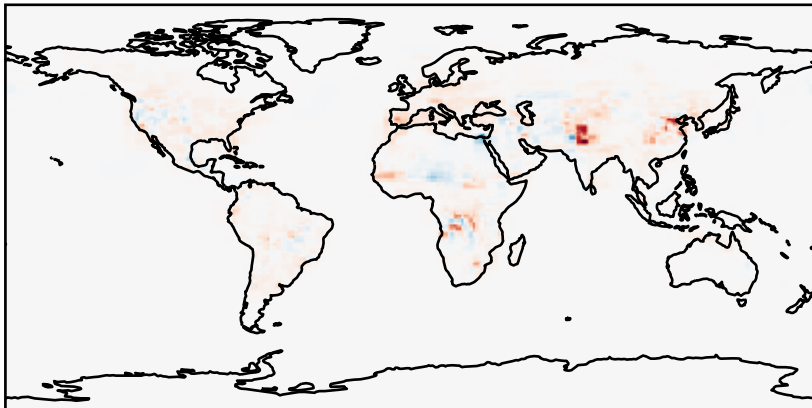
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



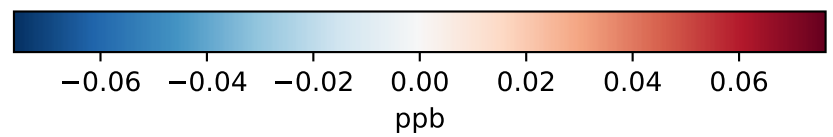
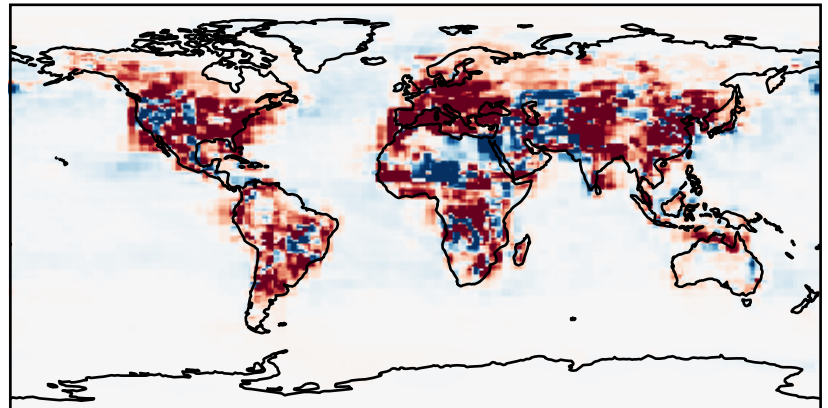
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



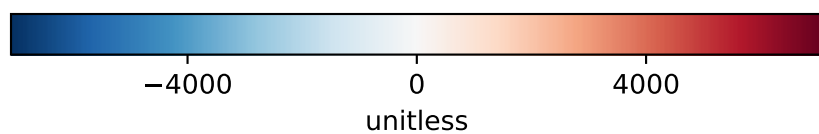
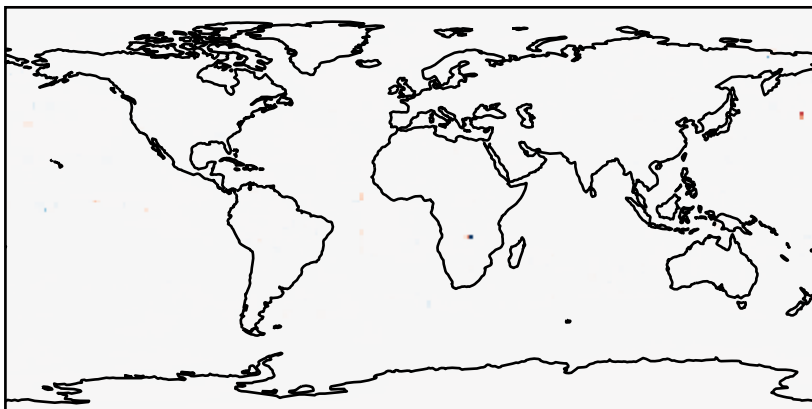
Difference (1x1.25)
Dev - Ref, Dynamic Range



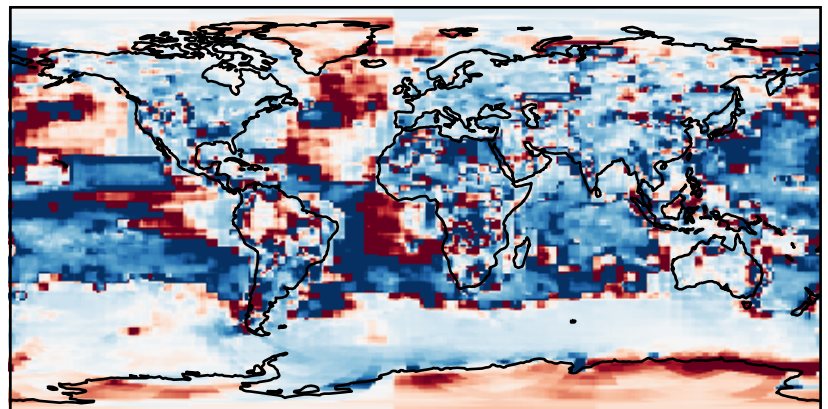
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

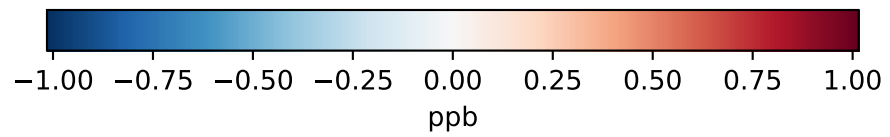
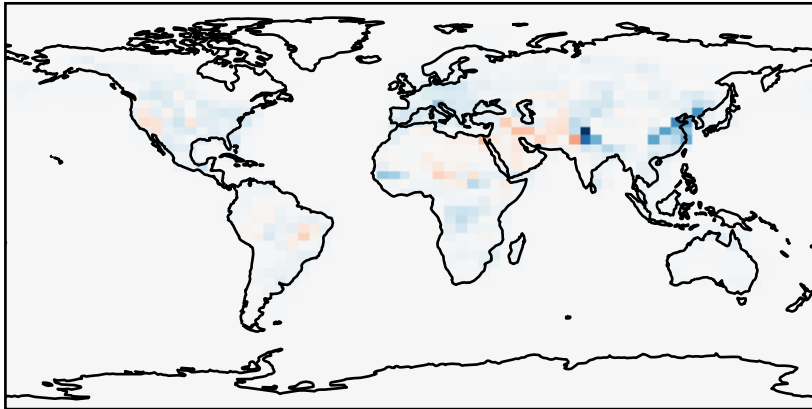


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

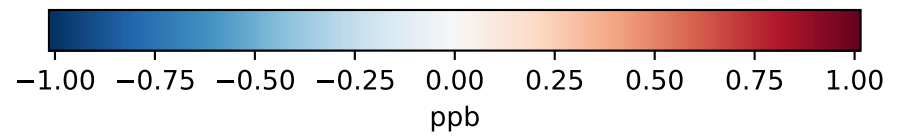
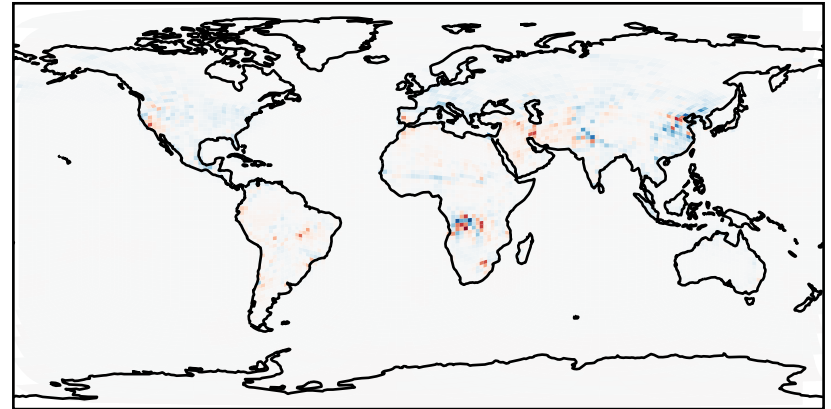


SpeciesConc_NOx

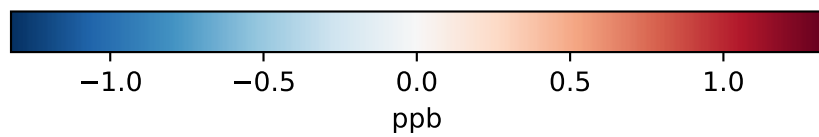
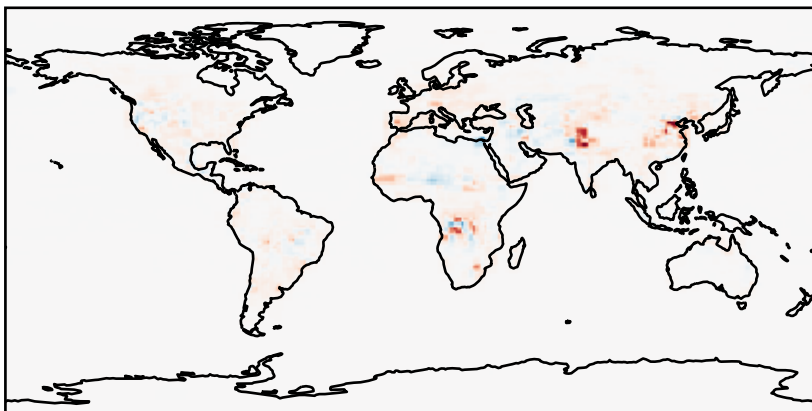
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



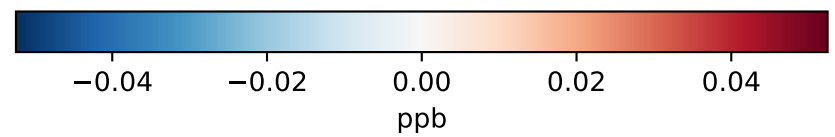
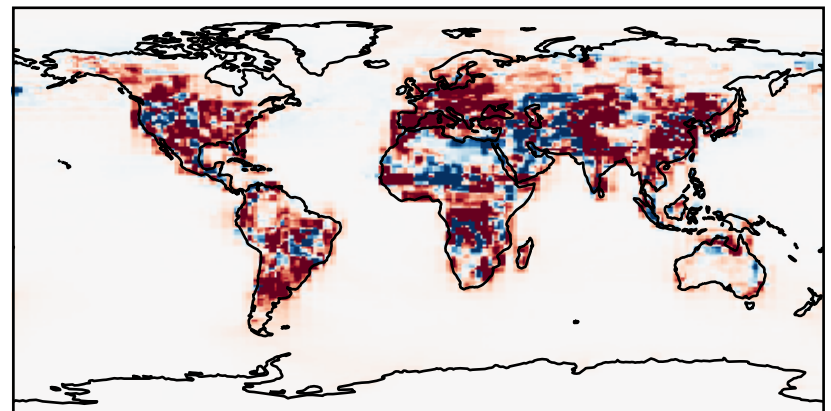
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



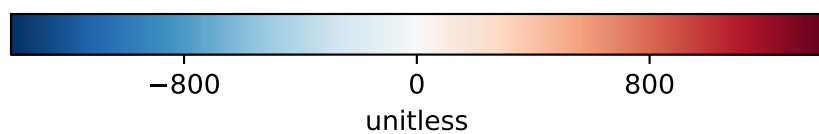
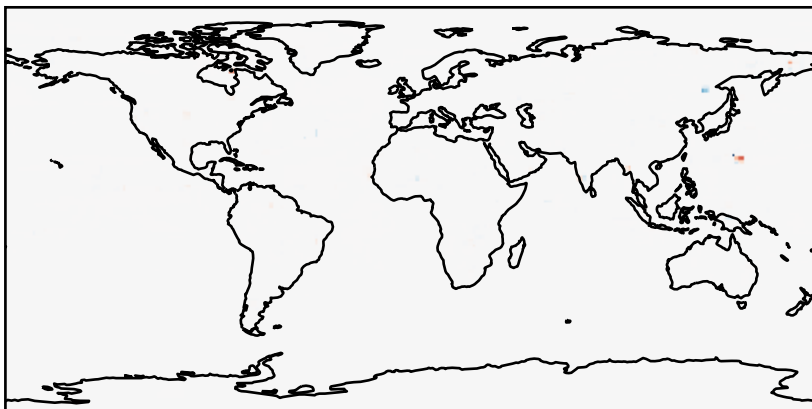
Difference (1x1.25)
Dev - Ref, Dynamic Range



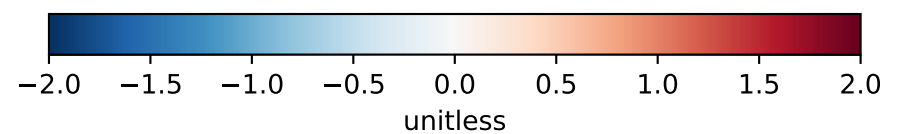
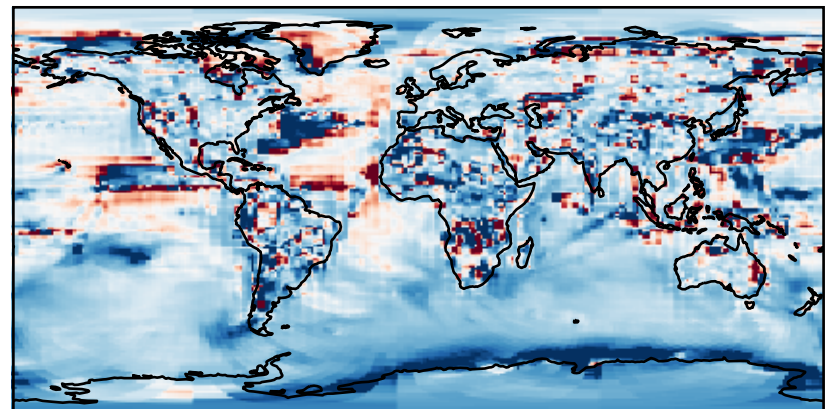
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

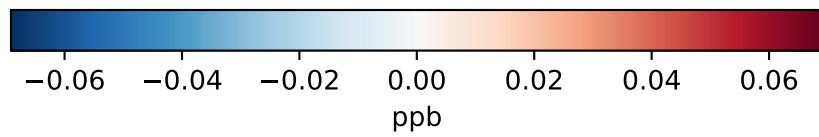
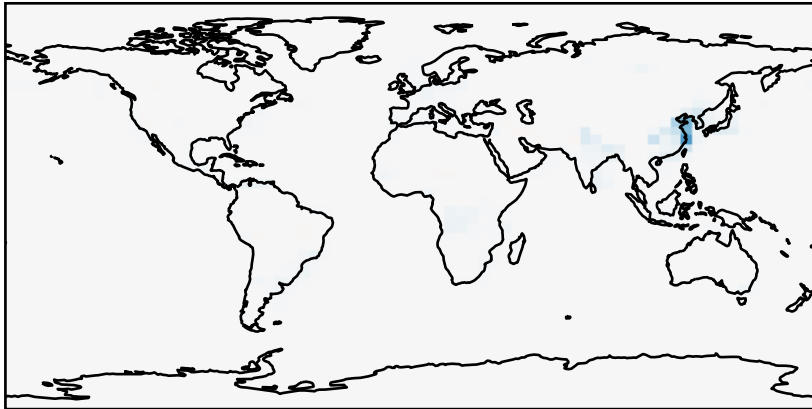


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

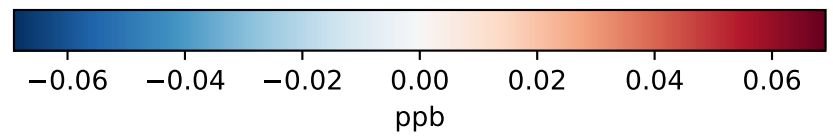
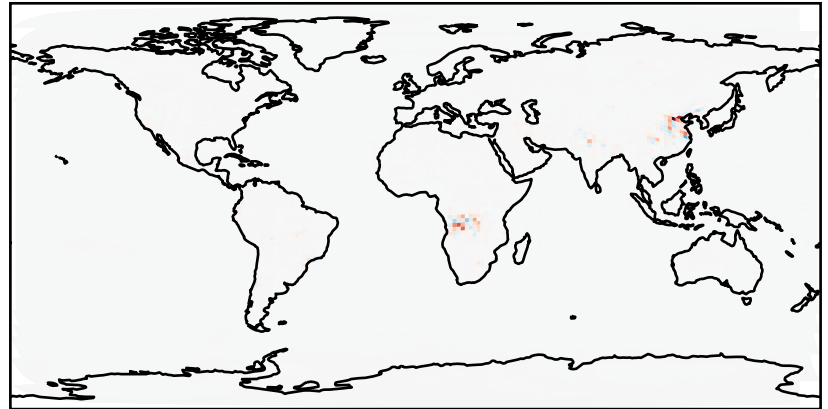


SpeciesConc_HNO2

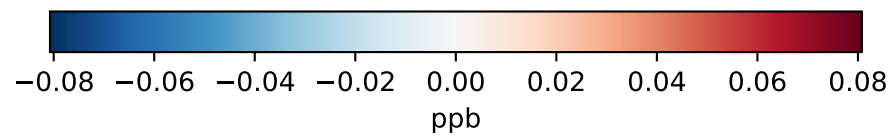
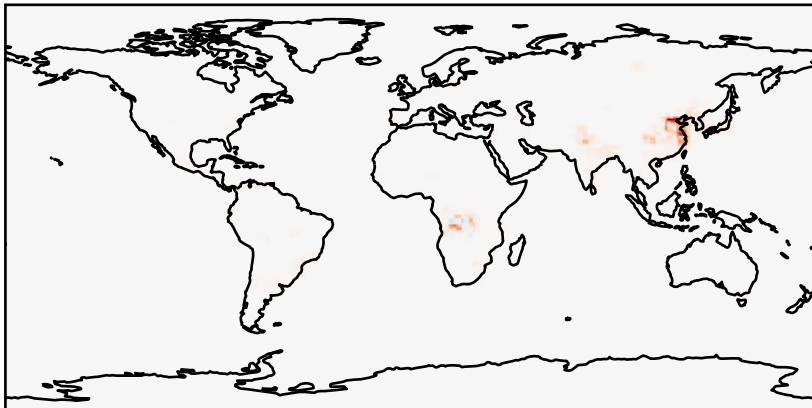
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



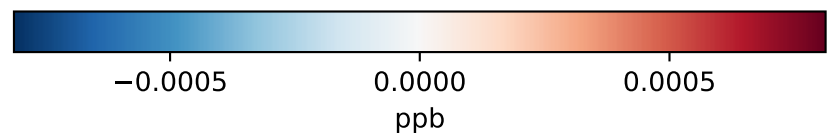
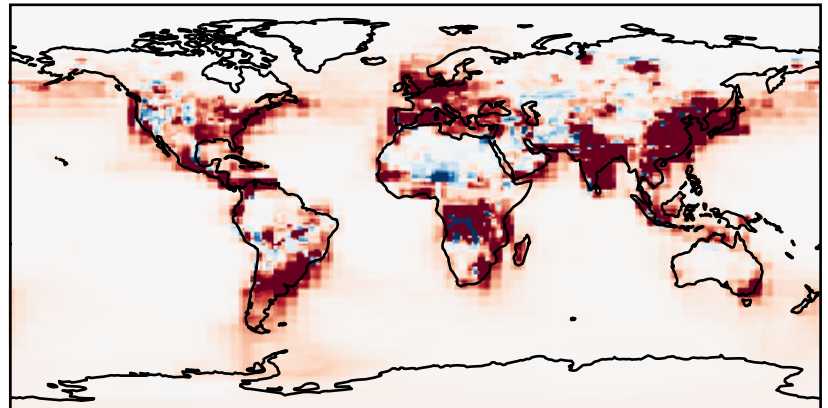
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



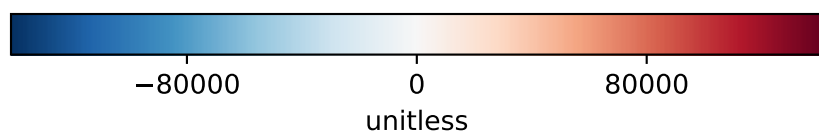
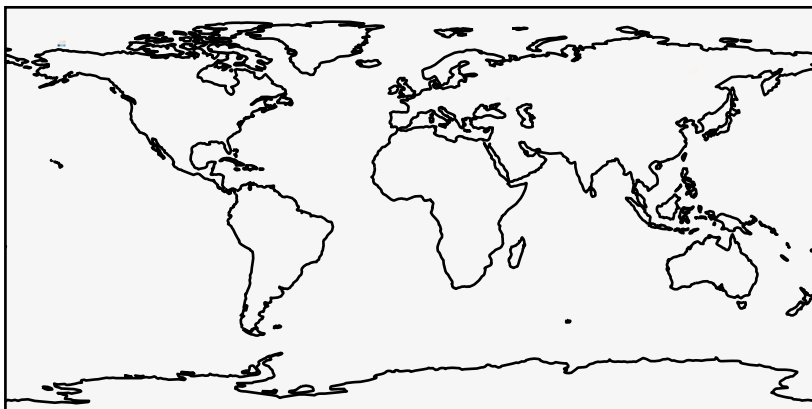
Difference (1x1.25)
Dev - Ref, Dynamic Range



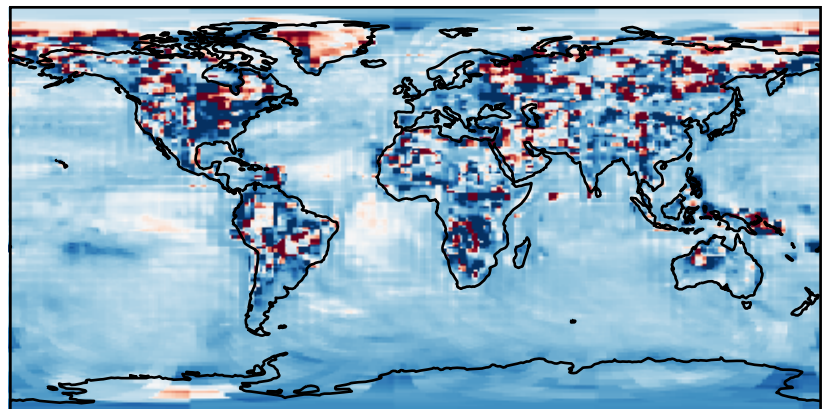
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

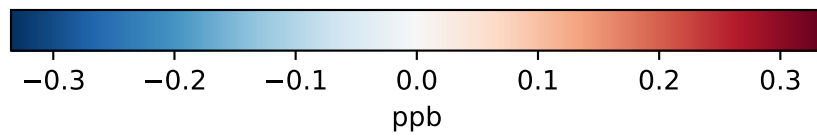
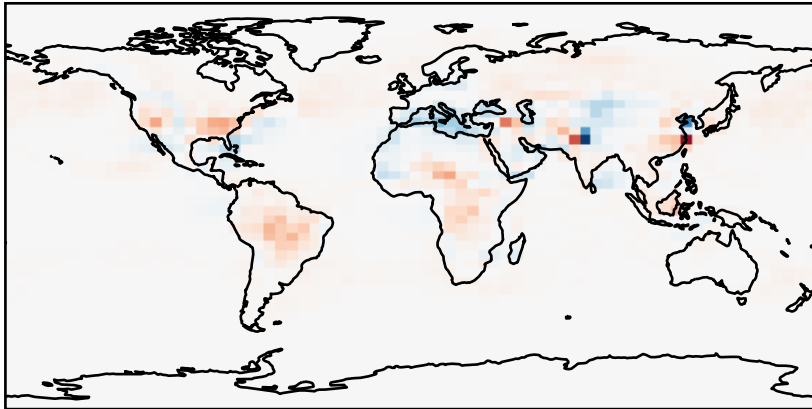


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

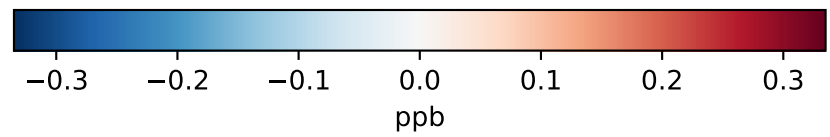
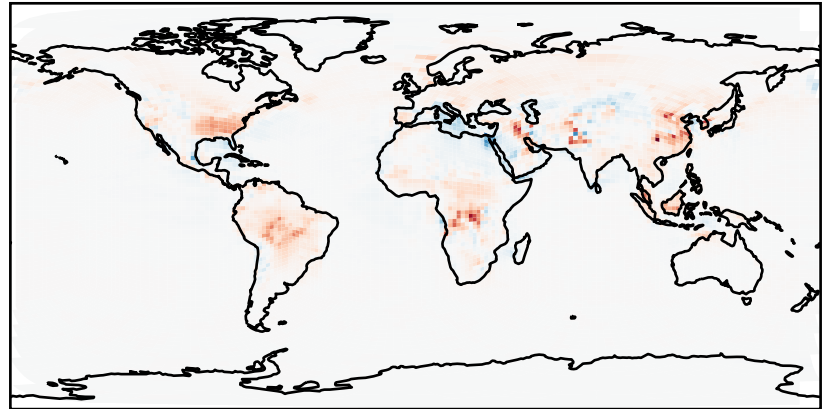


SpeciesConc_HNO3

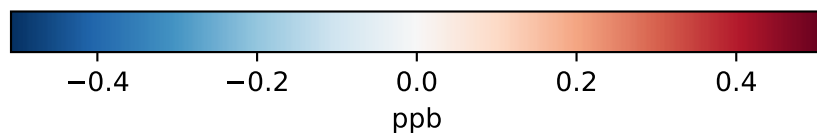
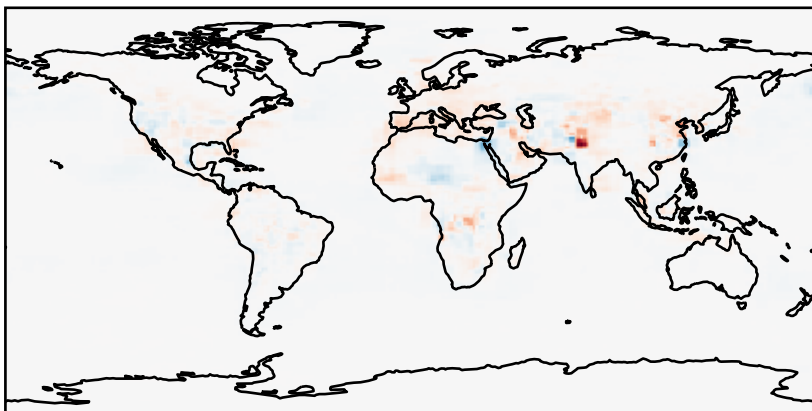
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



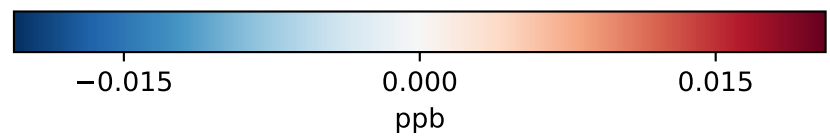
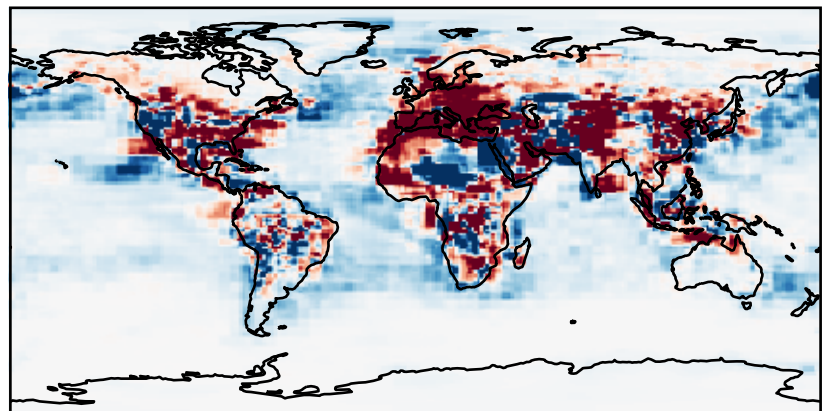
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



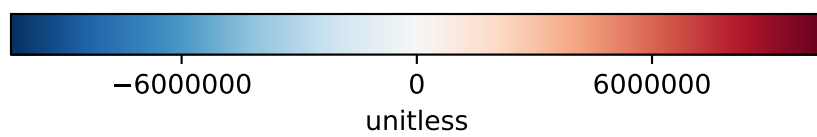
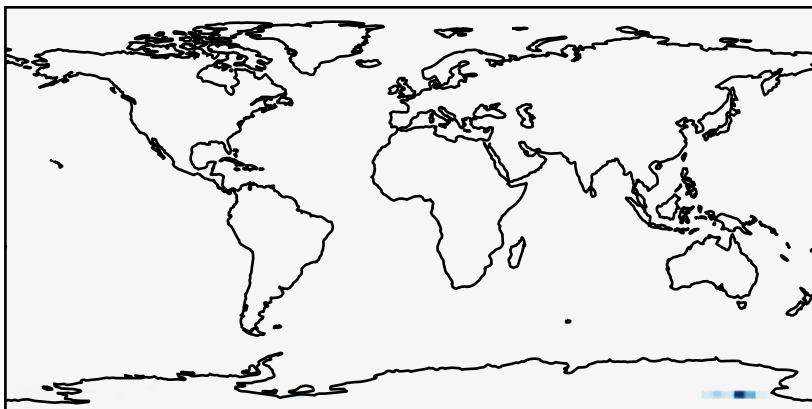
Difference (1x1.25)
Dev - Ref, Dynamic Range



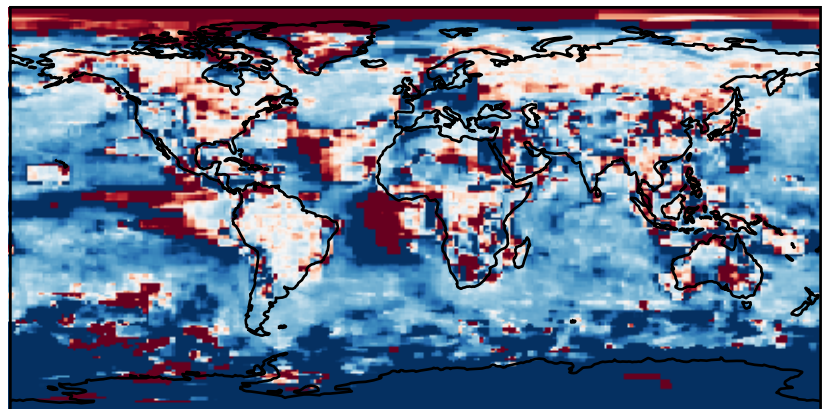
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

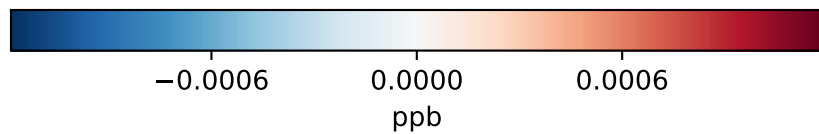
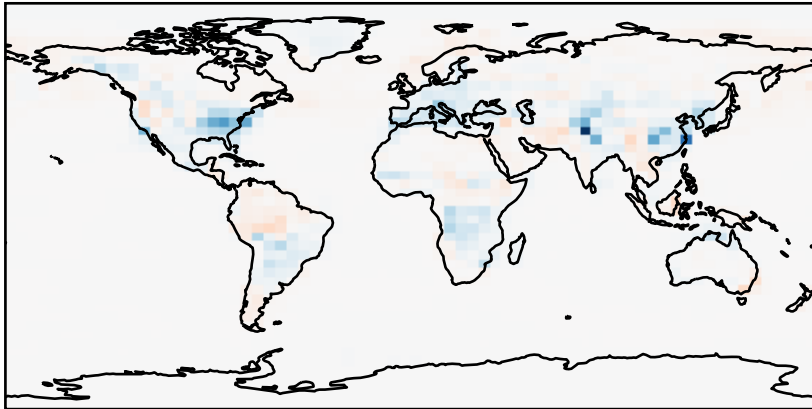


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

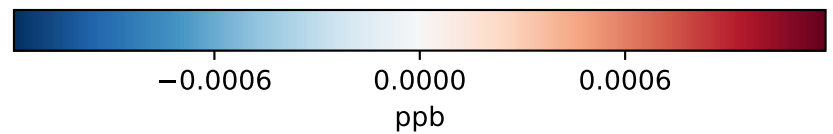
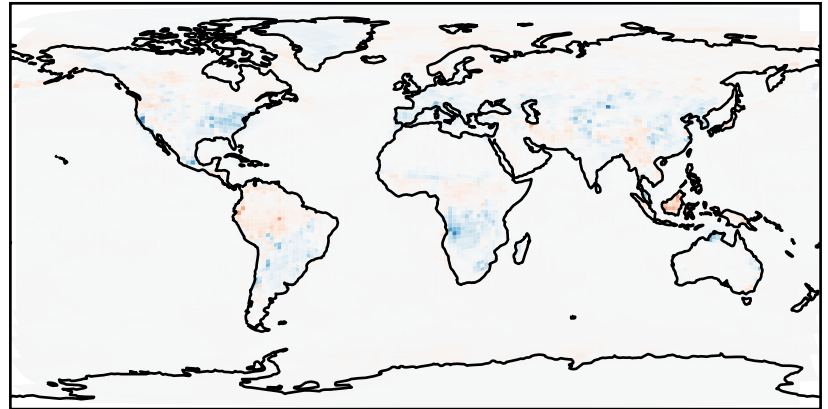


SpeciesConc_HNO4

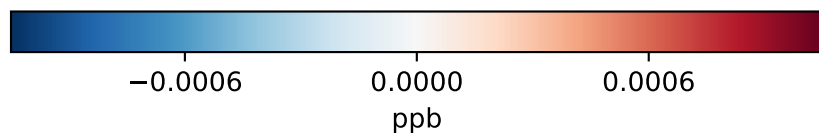
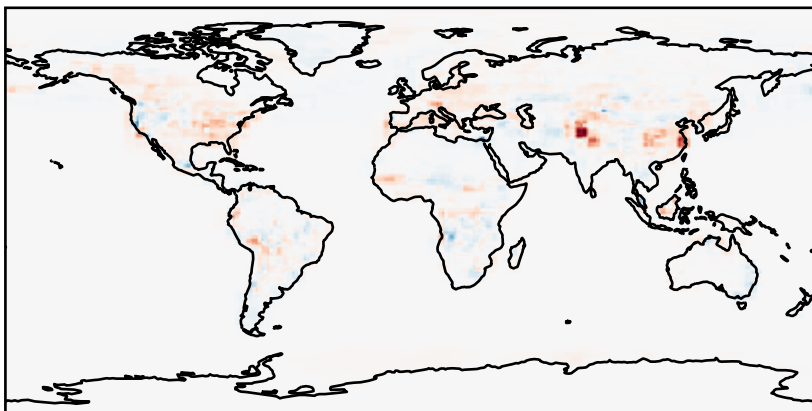
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



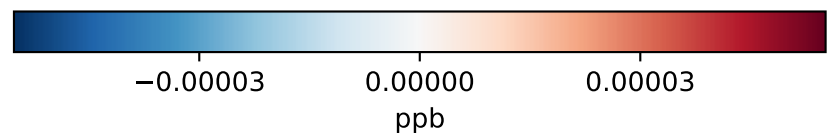
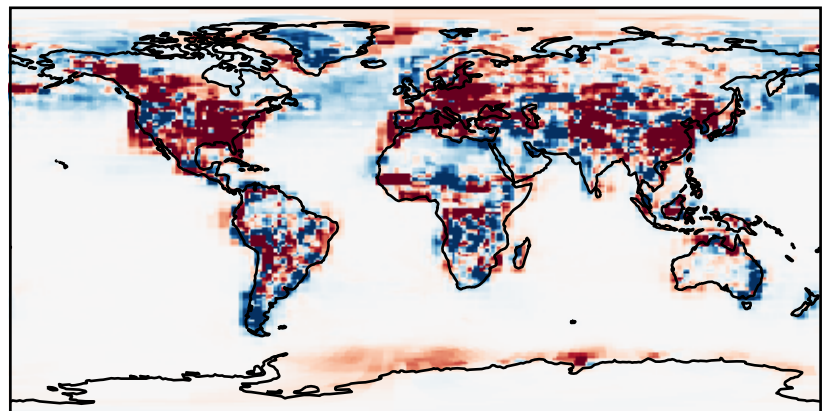
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



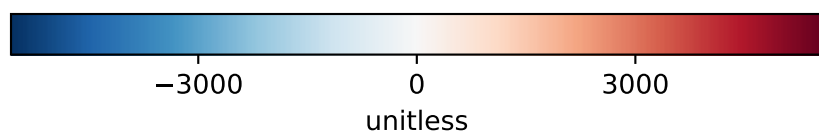
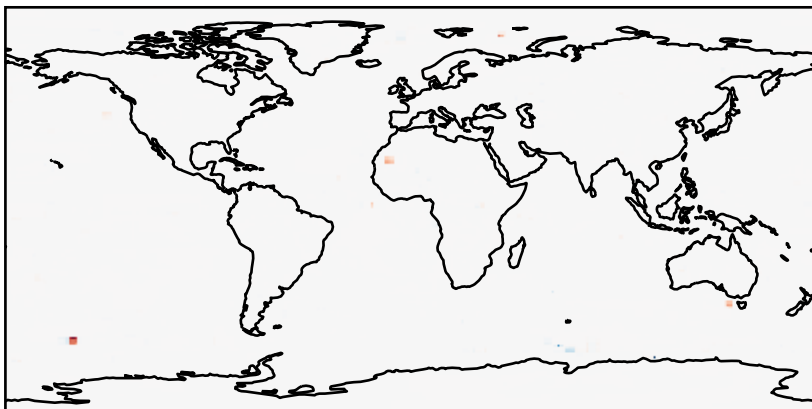
Difference (1x1.25)
Dev - Ref, Dynamic Range



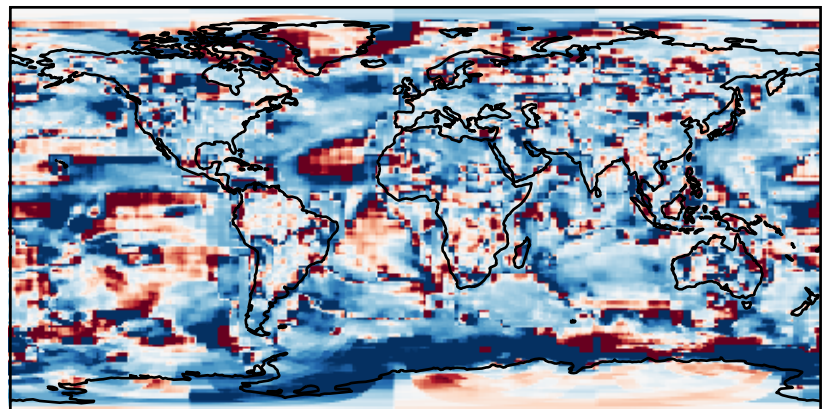
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

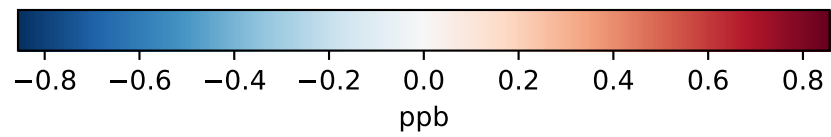


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

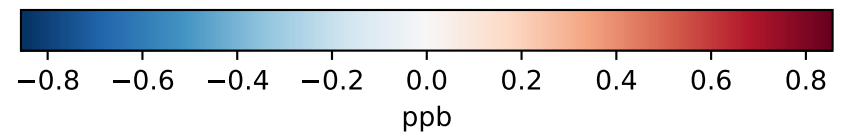
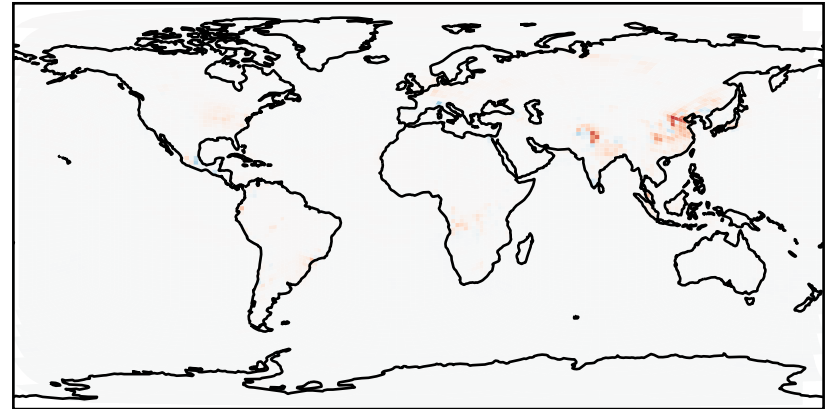


SpeciesConc_NIT

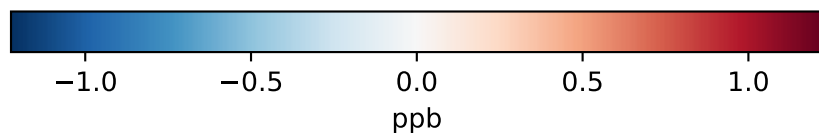
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



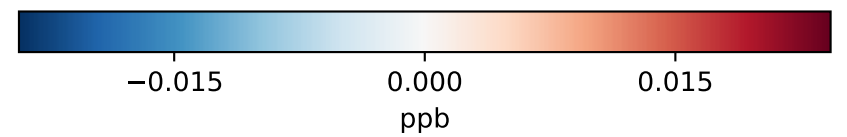
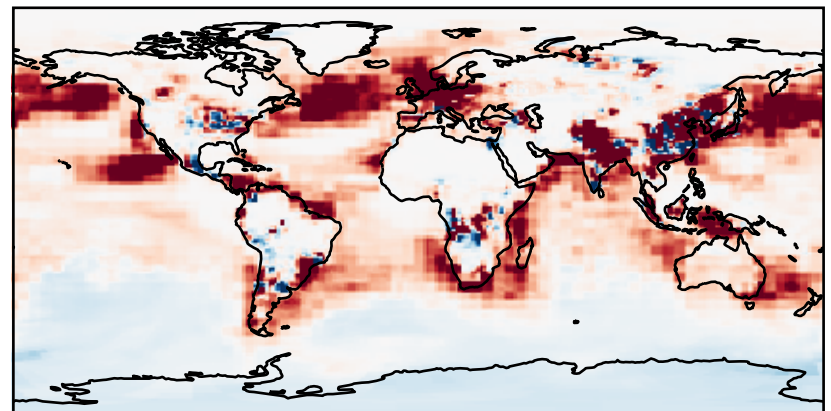
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



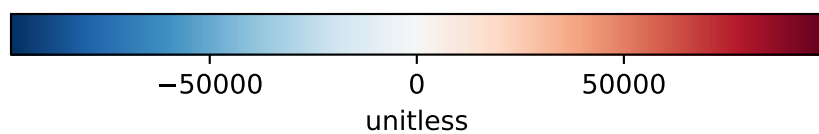
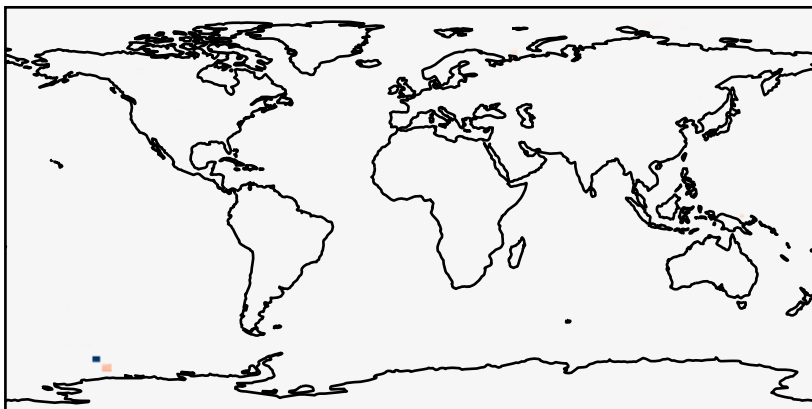
Difference (1x1.25)
Dev - Ref, Dynamic Range



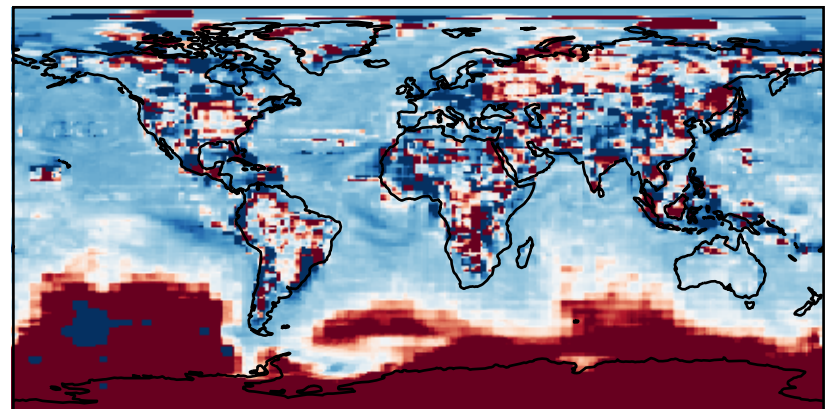
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

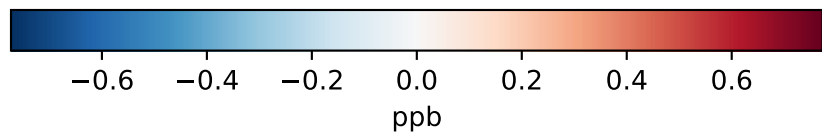
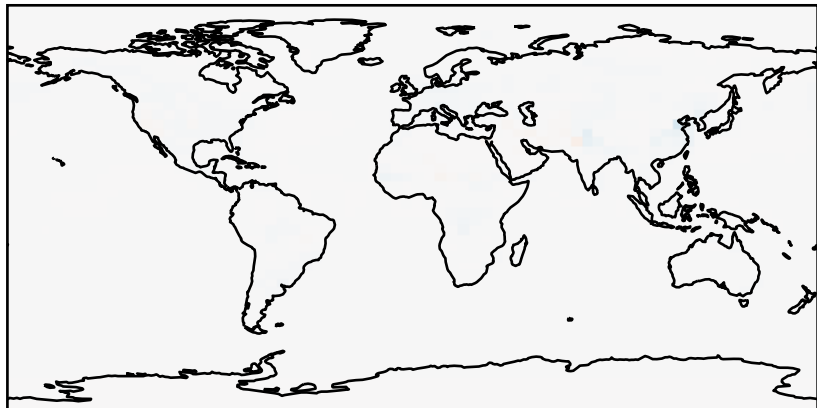


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

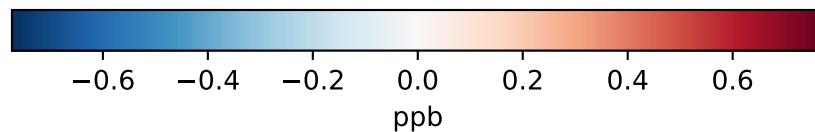
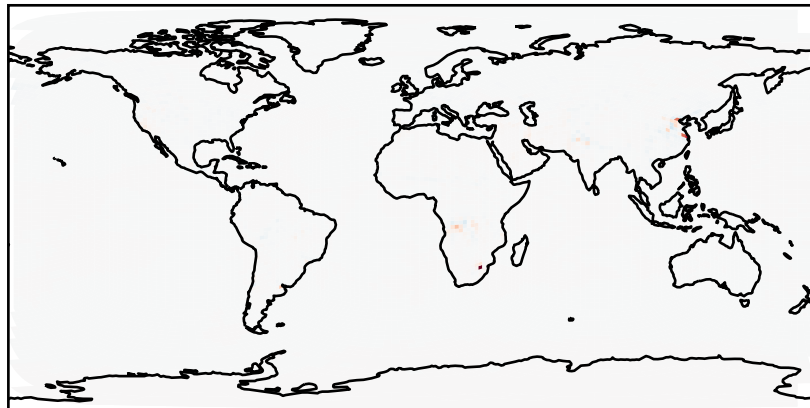


SpeciesConc_NO

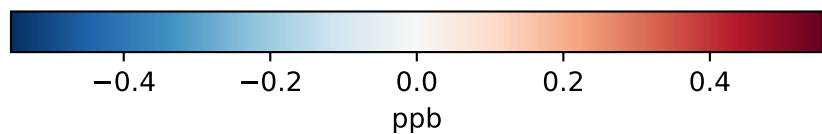
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



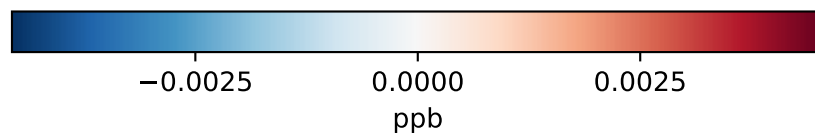
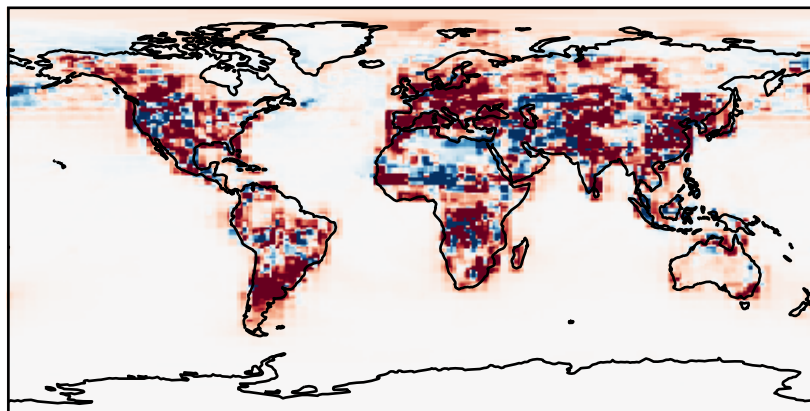
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



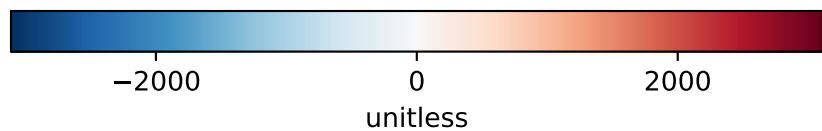
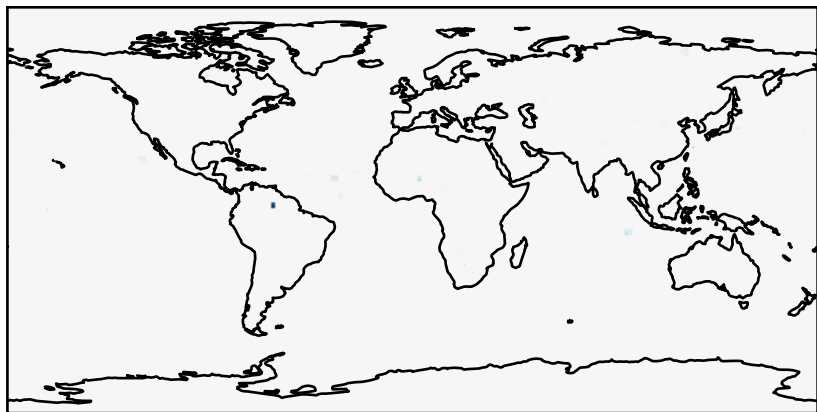
Difference (1x1.25)
Dev - Ref, Dynamic Range



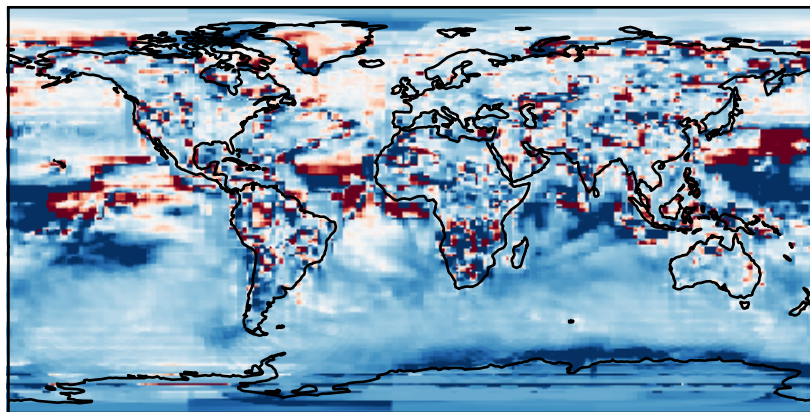
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

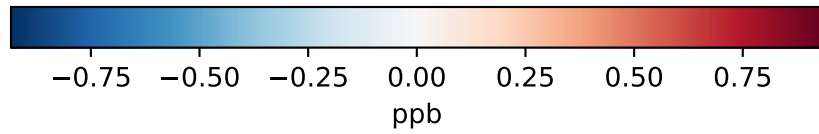
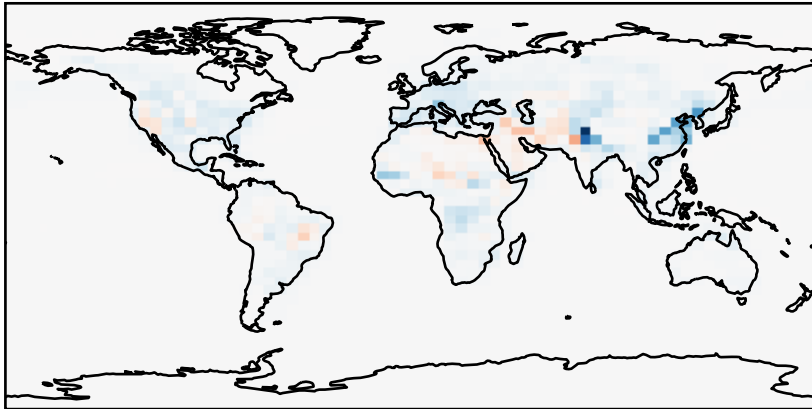


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

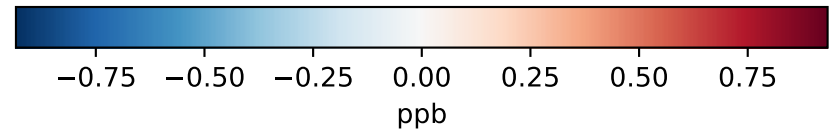
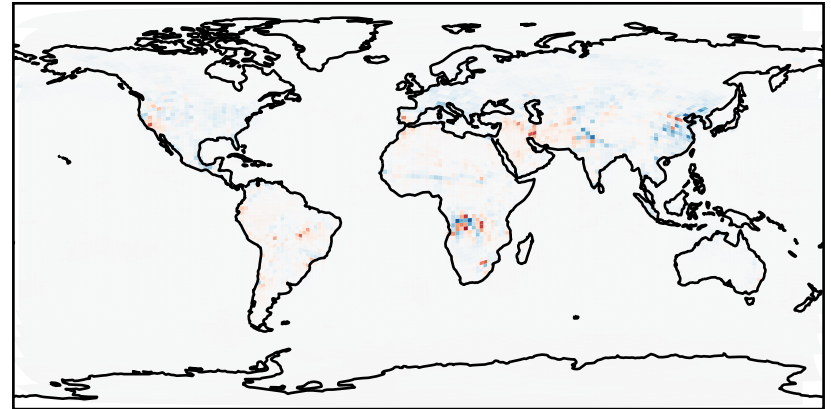


SpeciesConc_NO2

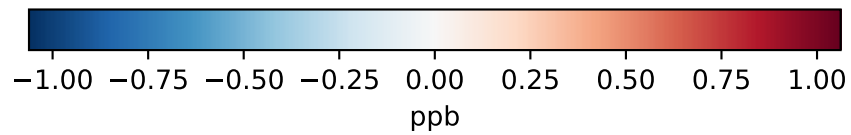
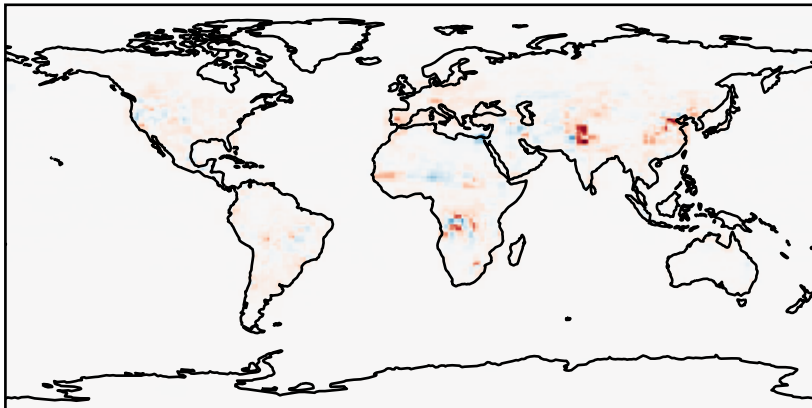
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



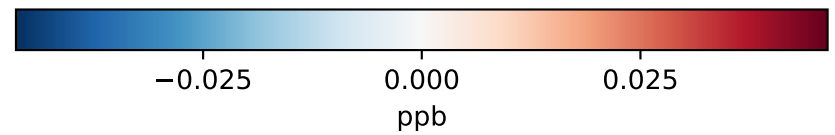
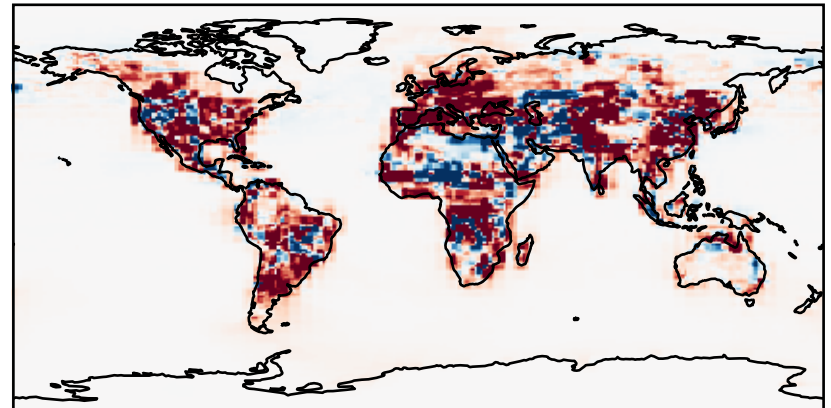
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



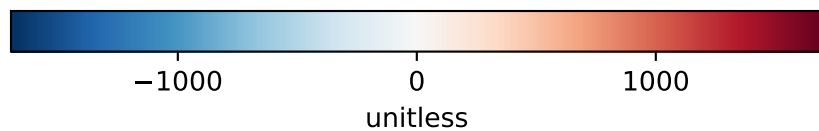
Difference (1x1.25)
Dev - Ref, Dynamic Range



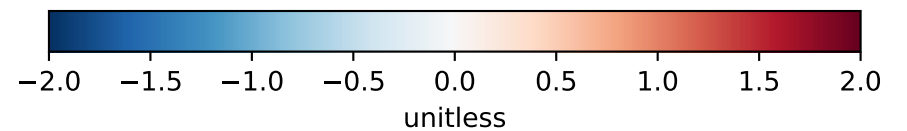
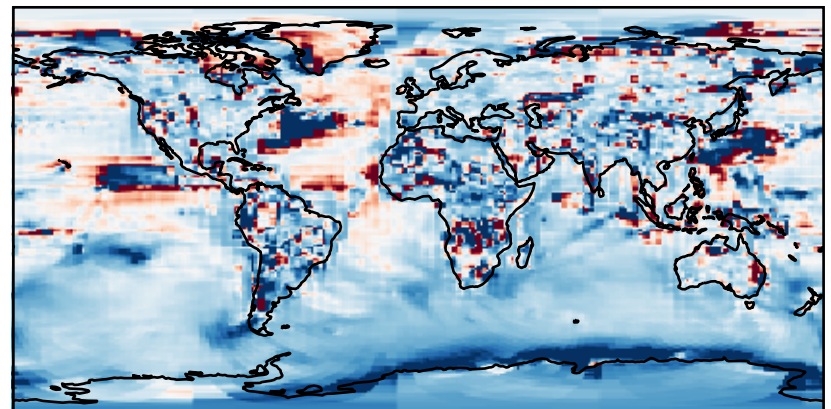
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

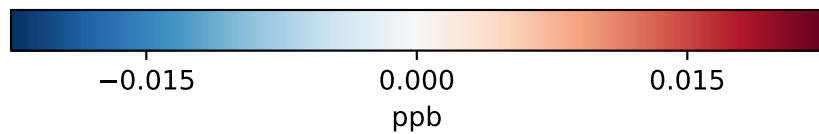
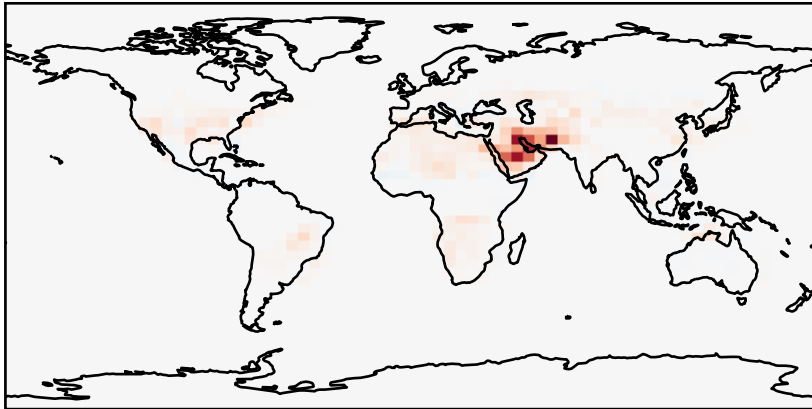


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

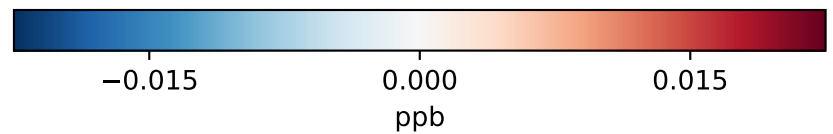
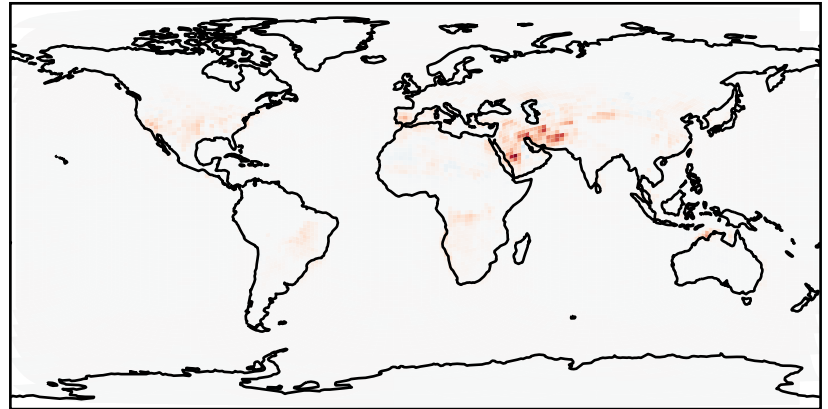


SpeciesConc_NO3

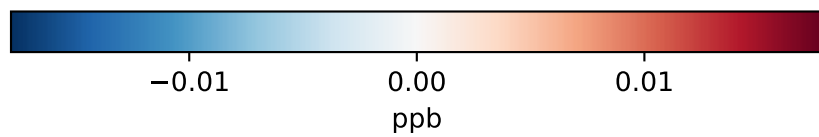
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



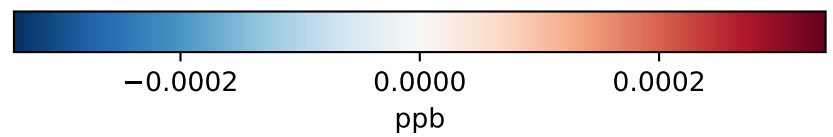
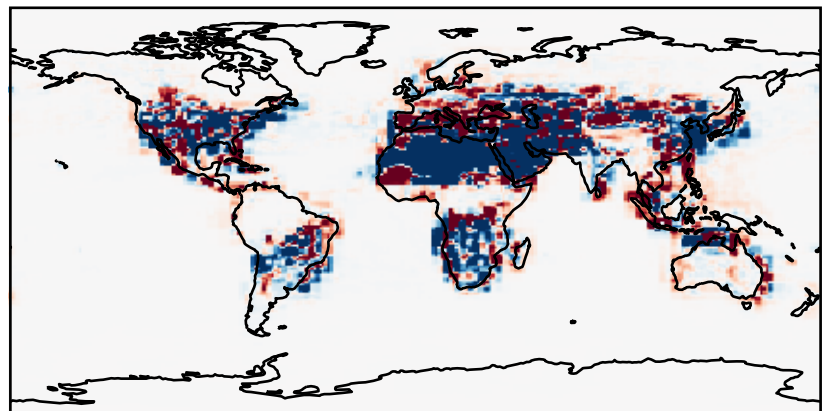
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



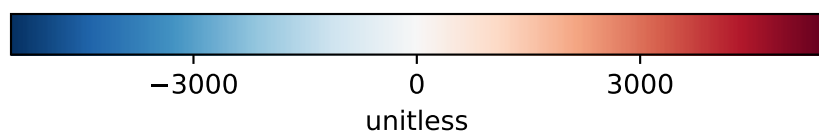
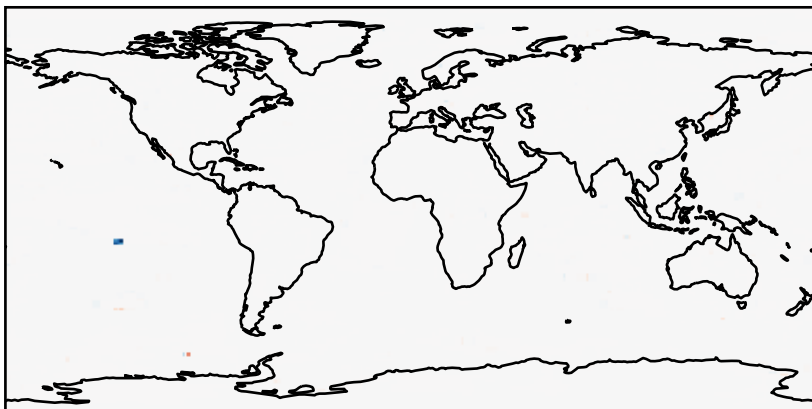
Difference (1x1.25)
Dev - Ref, Dynamic Range



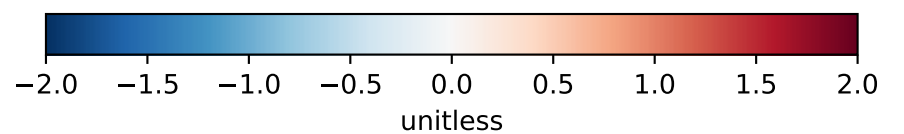
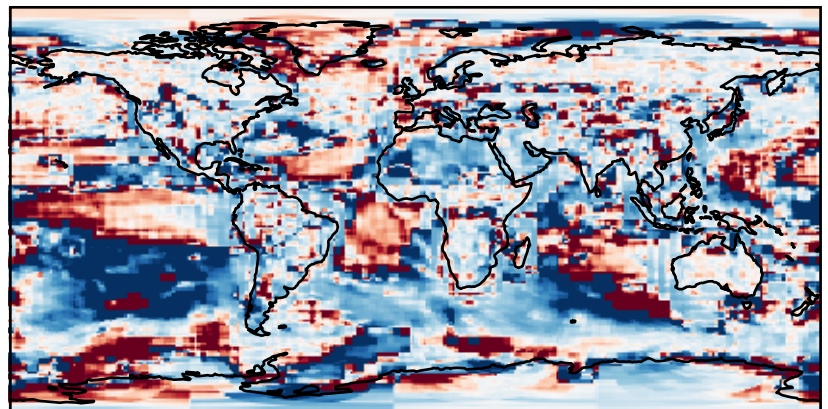
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

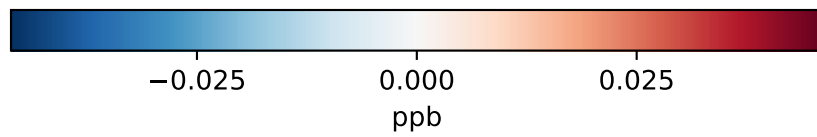
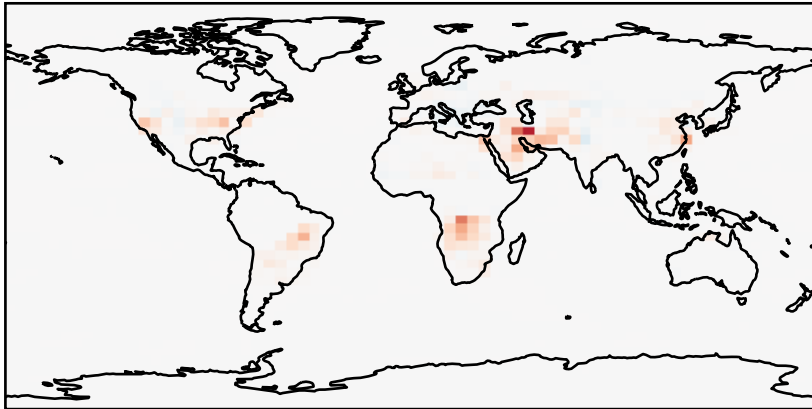


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

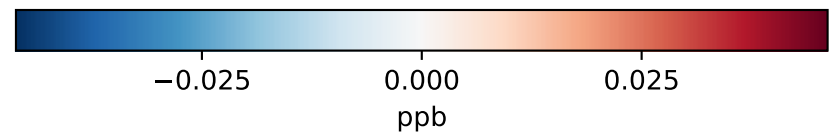
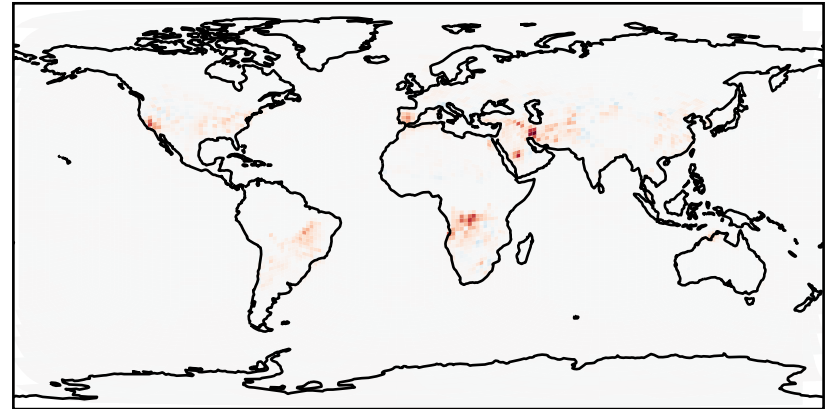


SpeciesConc_N2O5

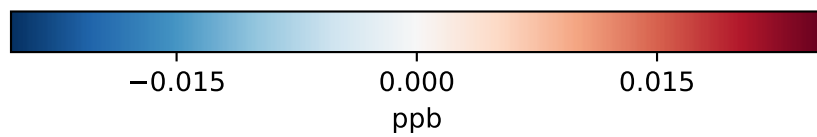
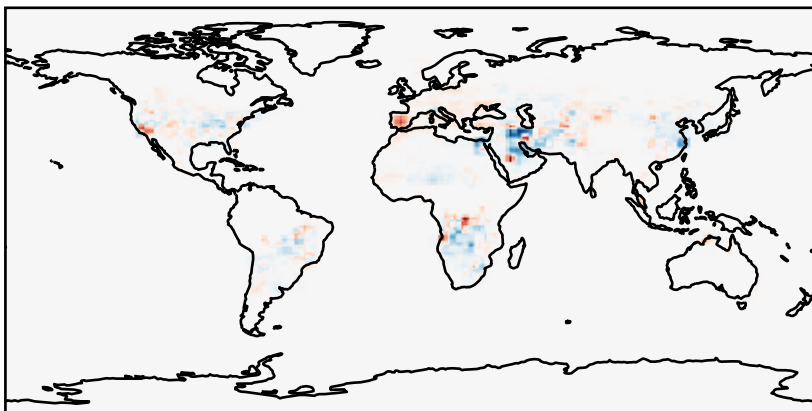
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



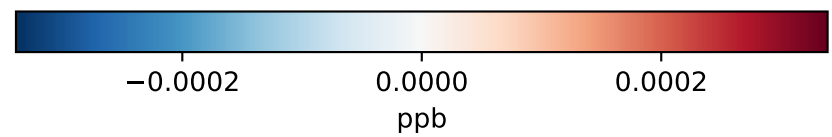
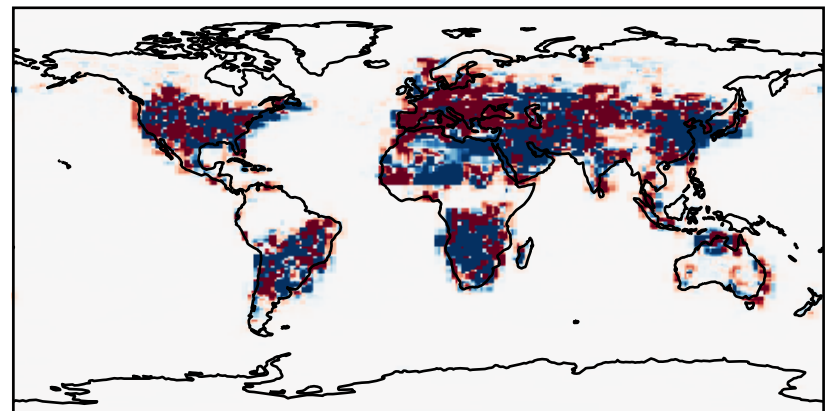
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



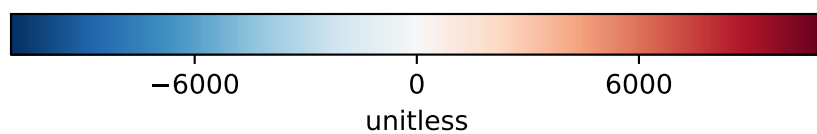
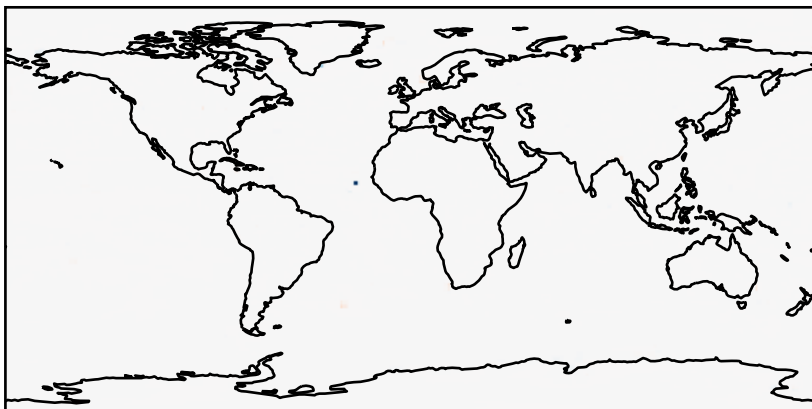
Difference (1x1.25)
Dev - Ref, Dynamic Range



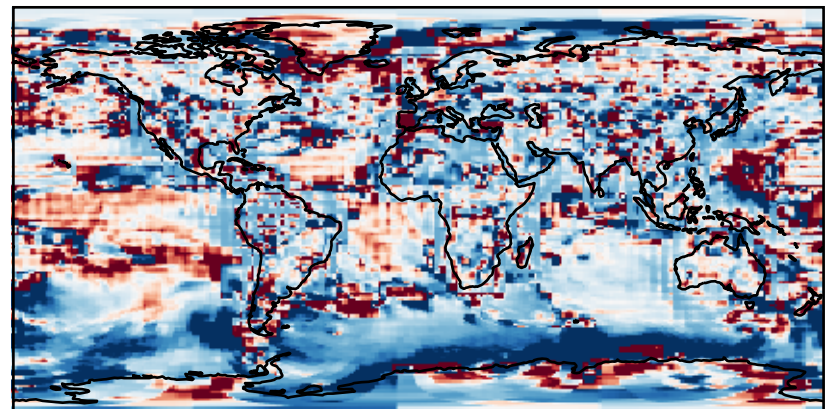
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

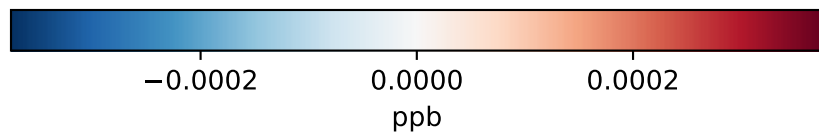
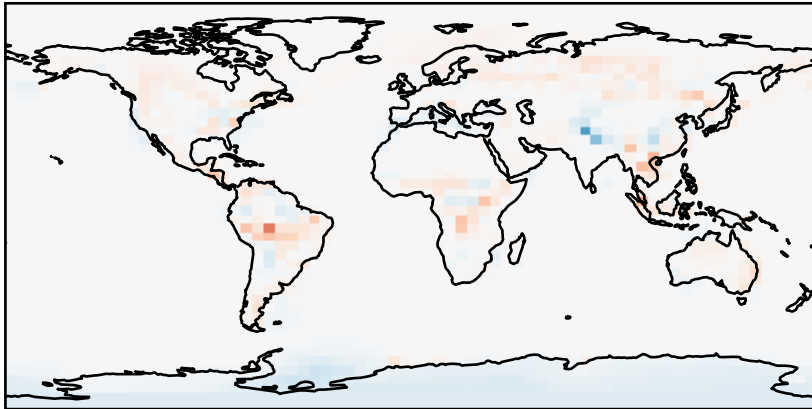


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

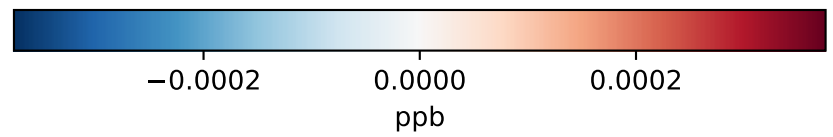
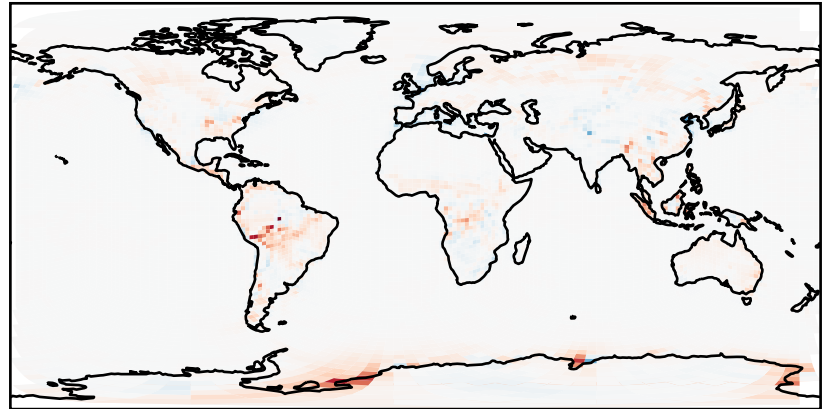


SpeciesConc_MPN

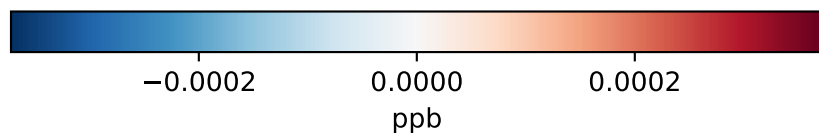
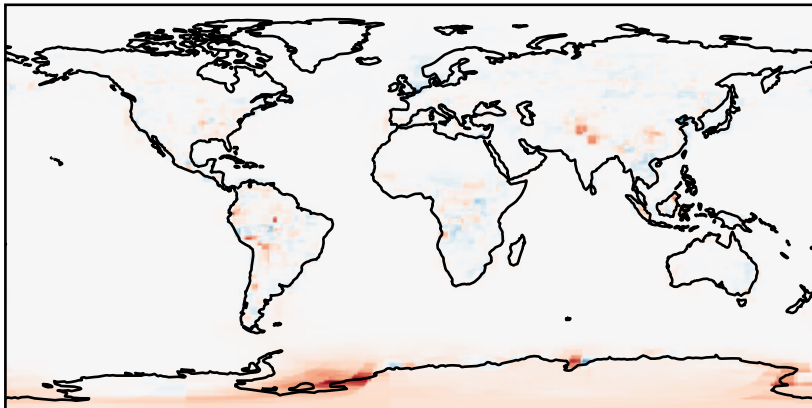
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



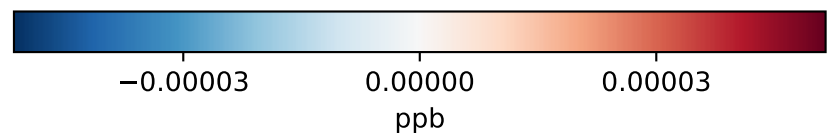
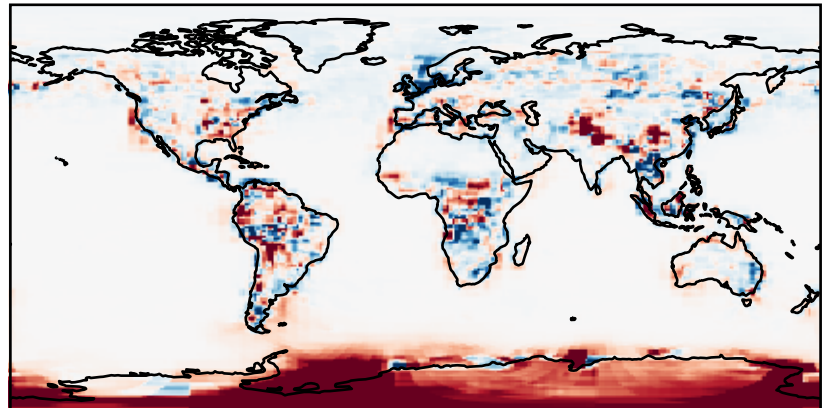
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



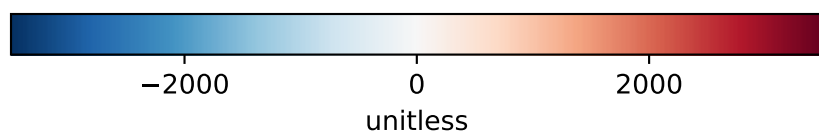
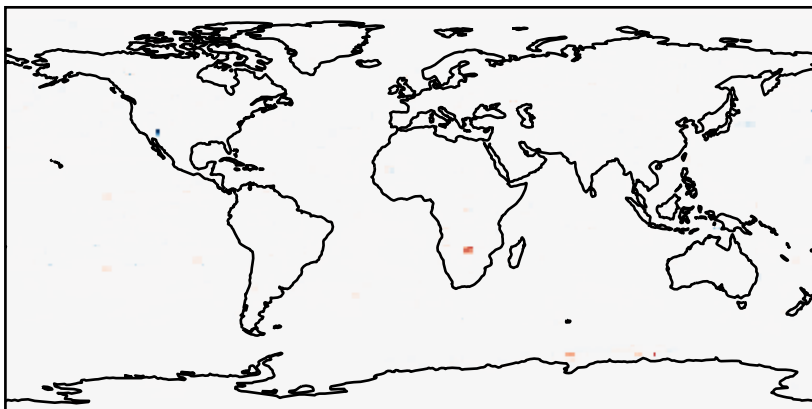
Difference (1x1.25)
Dev - Ref, Dynamic Range



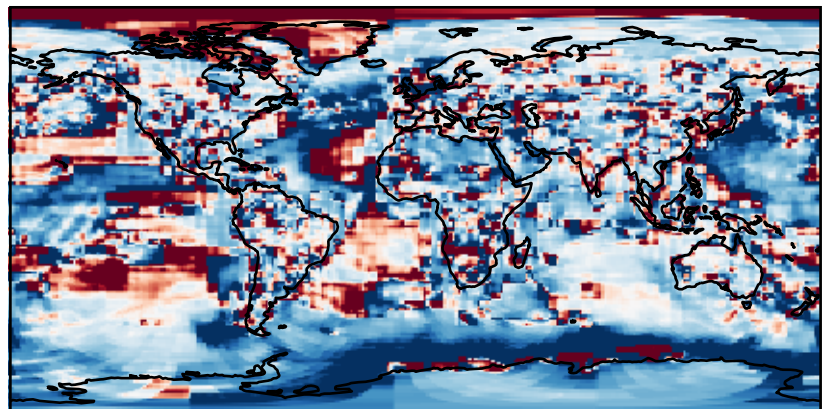
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

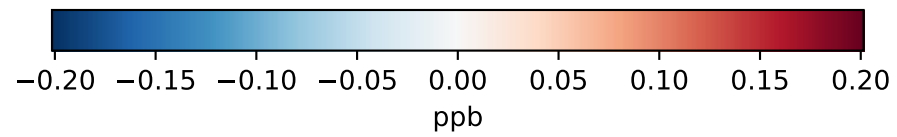
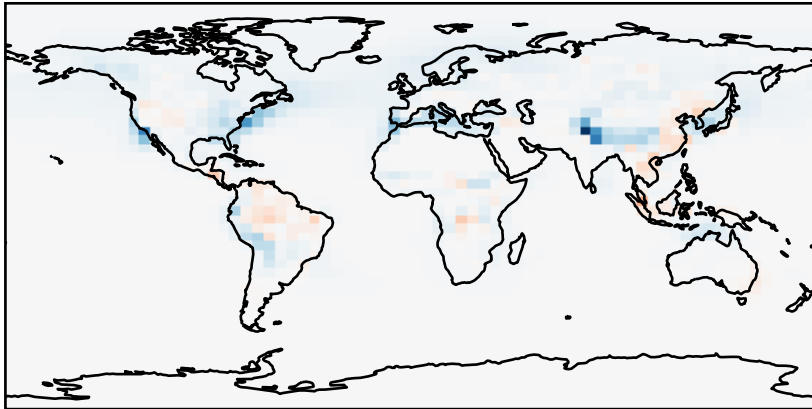


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

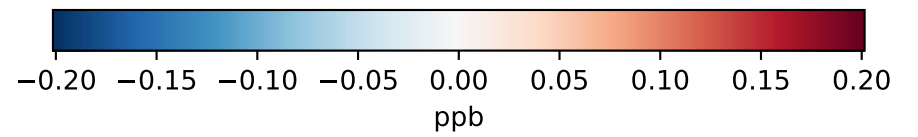
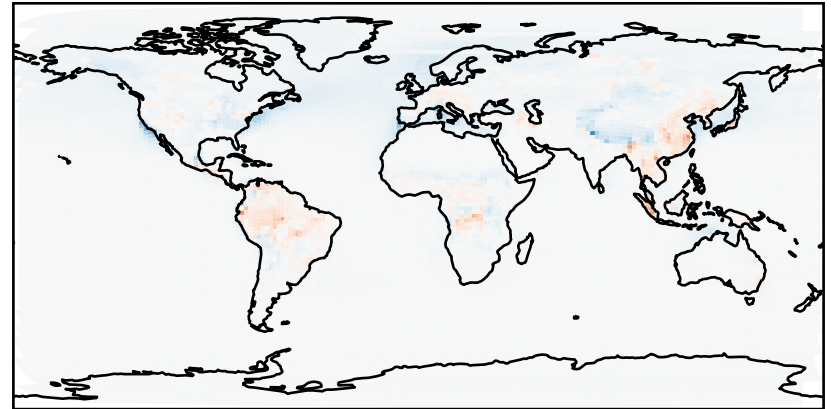


SpeciesConc_PAN

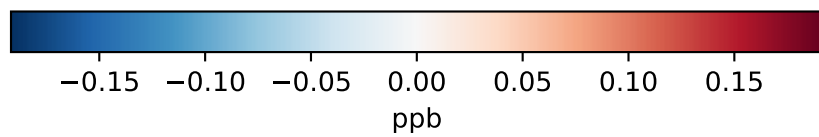
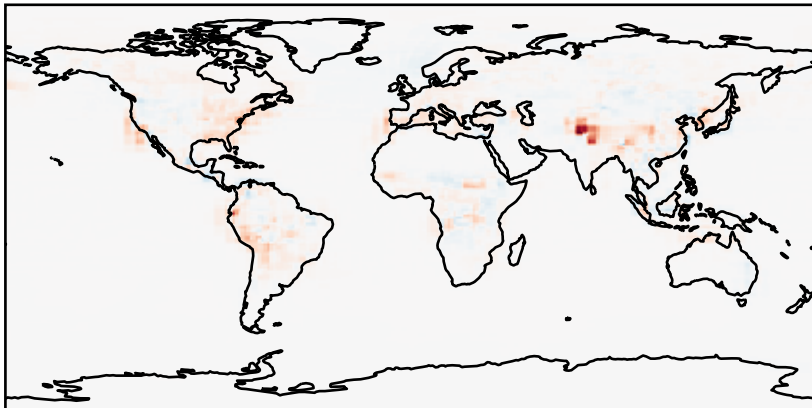
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



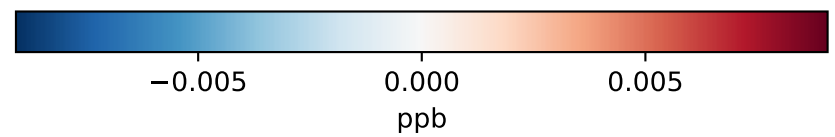
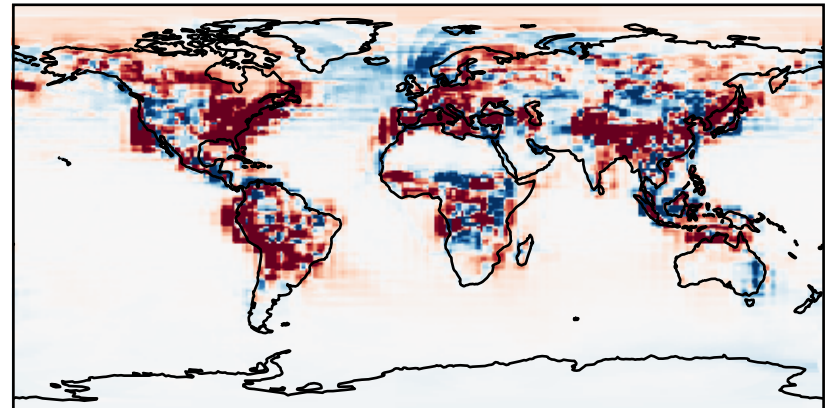
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



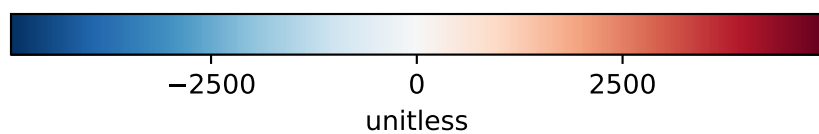
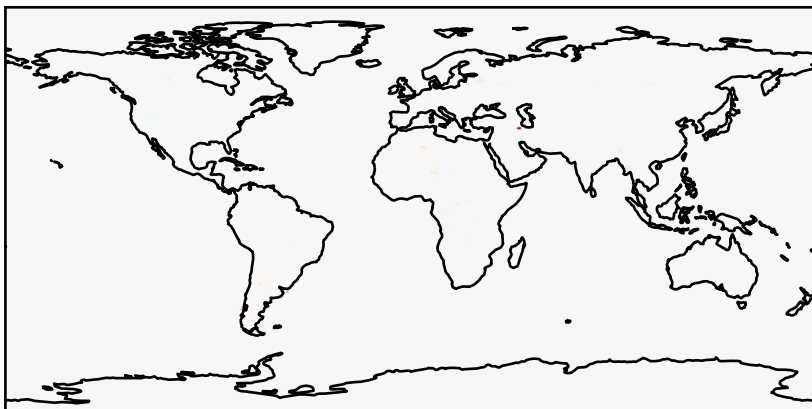
Difference (1x1.25)
Dev - Ref, Dynamic Range



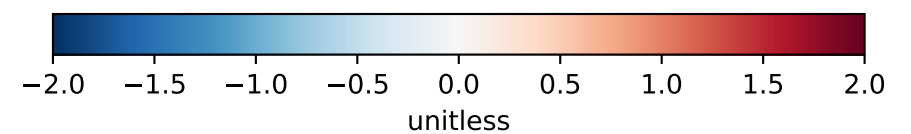
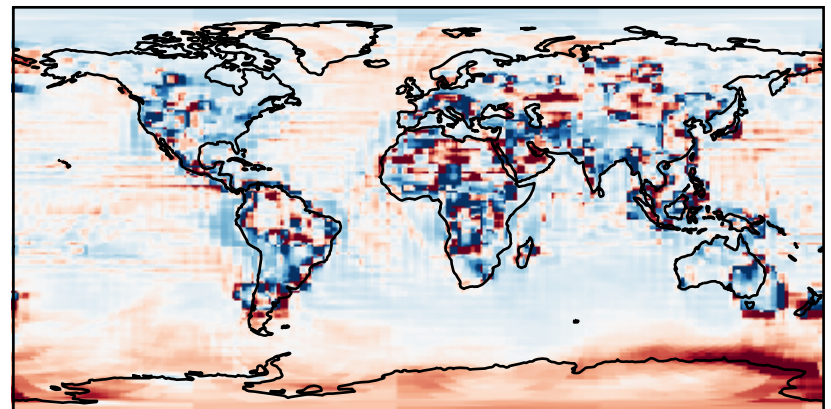
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

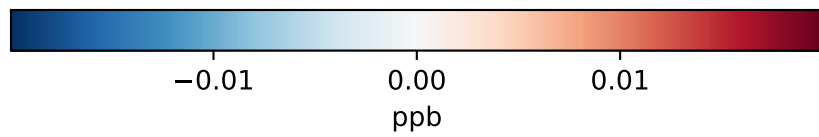
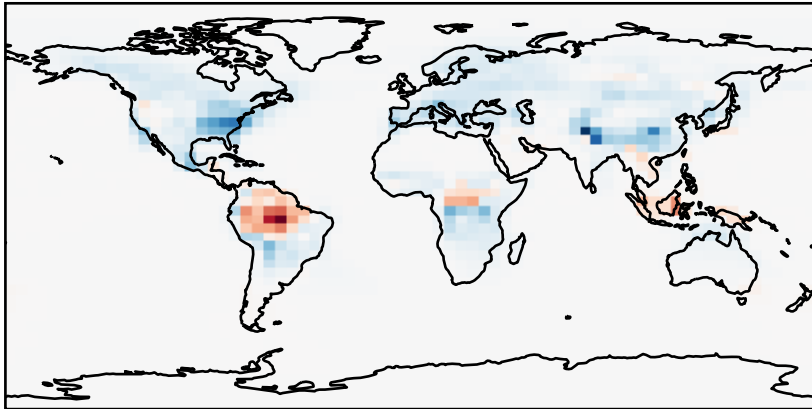


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

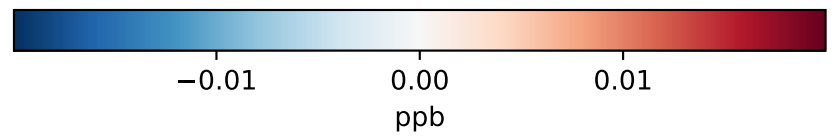
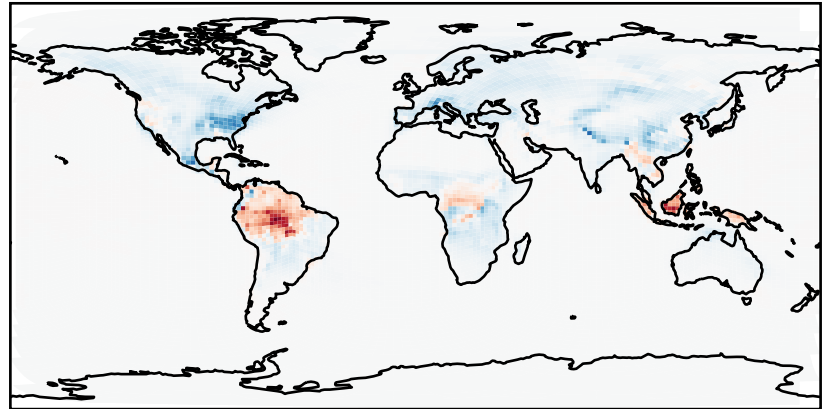


SpeciesConc_PPN

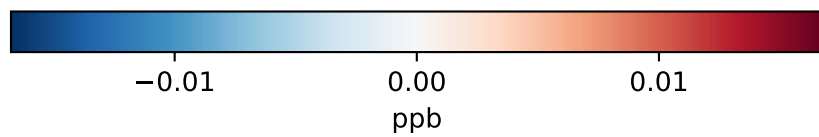
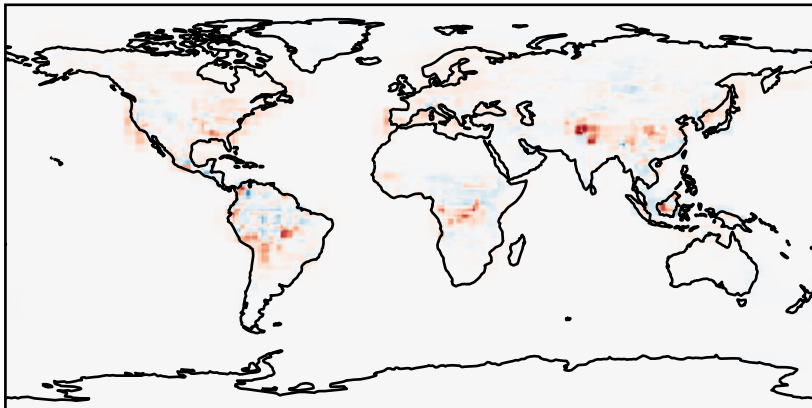
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



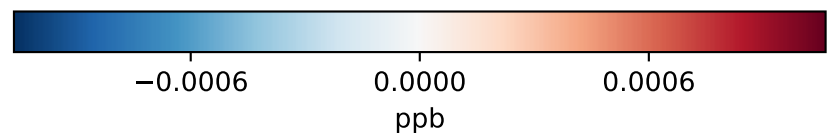
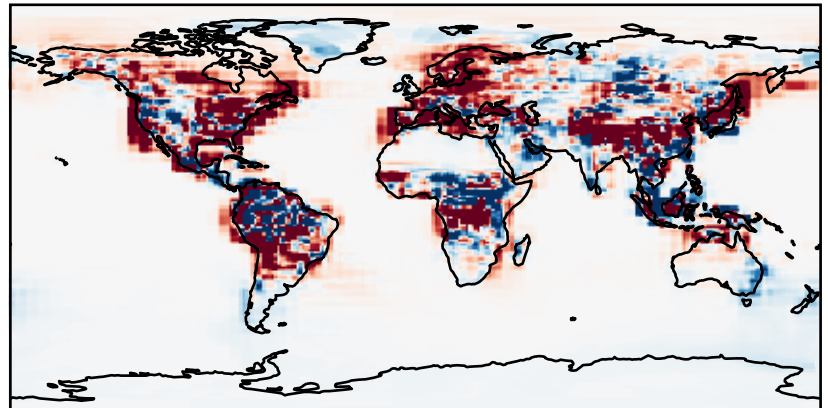
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



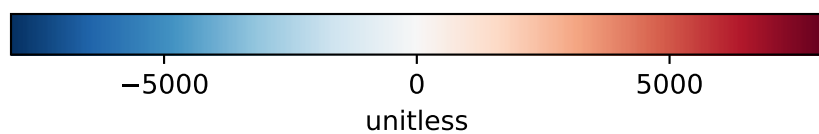
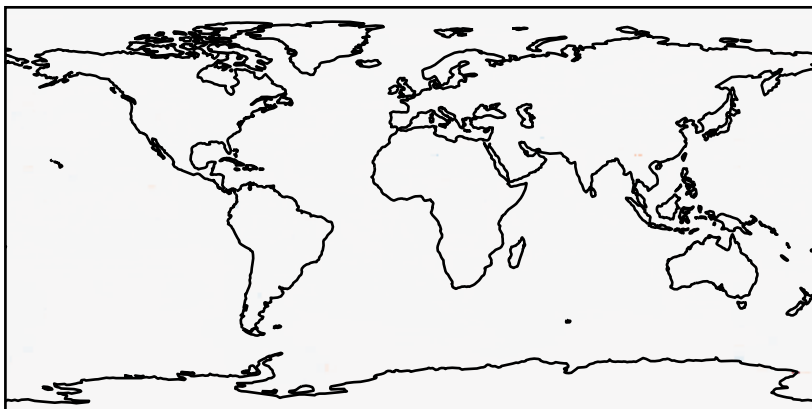
Difference (1x1.25)
Dev - Ref, Dynamic Range



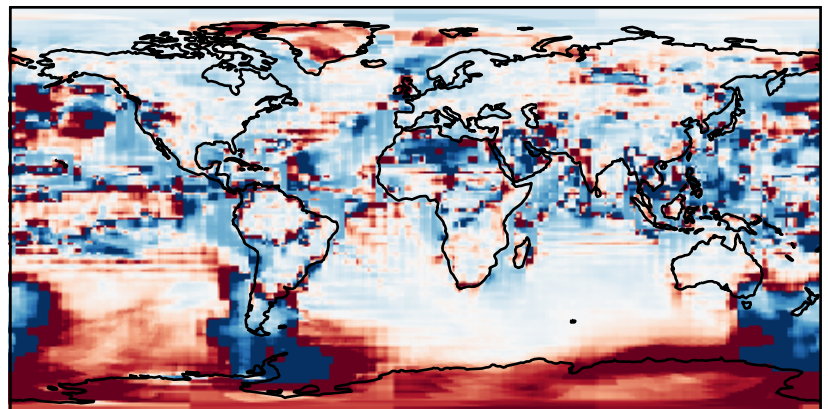
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

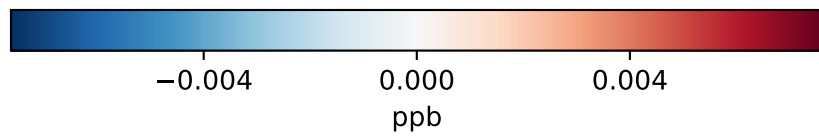
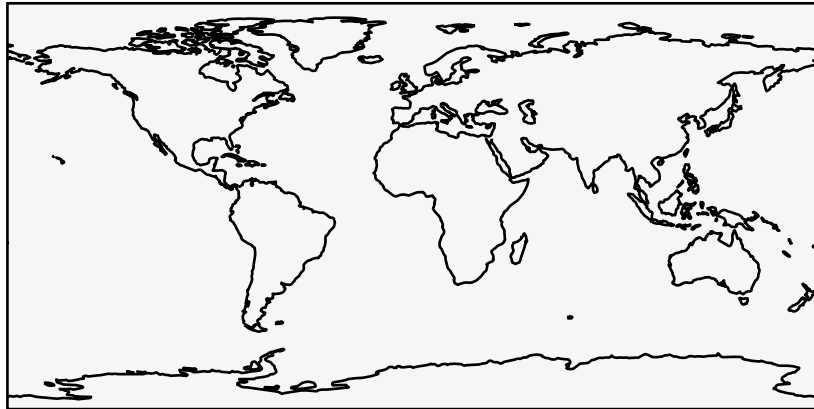


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

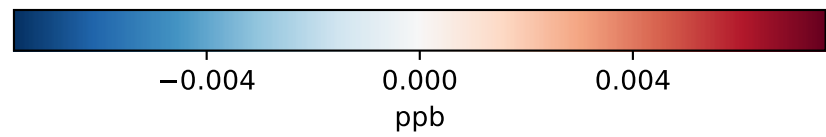
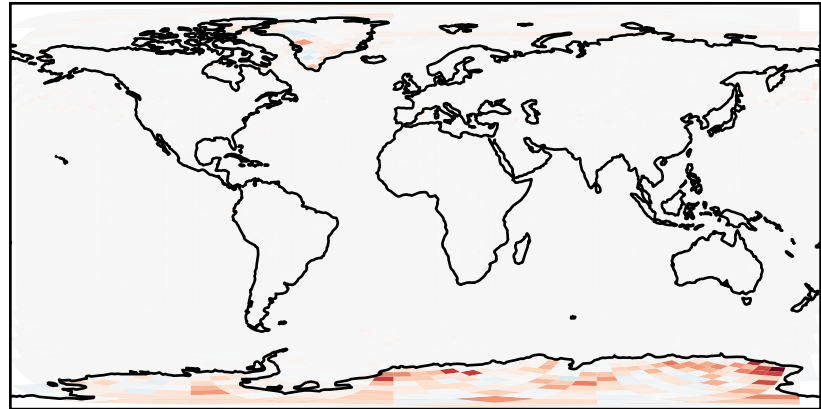


SpeciesConc_N2O

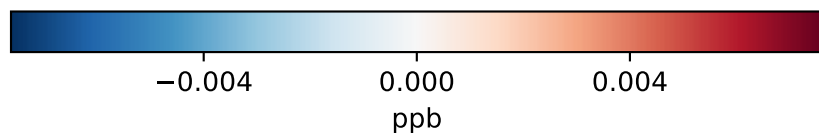
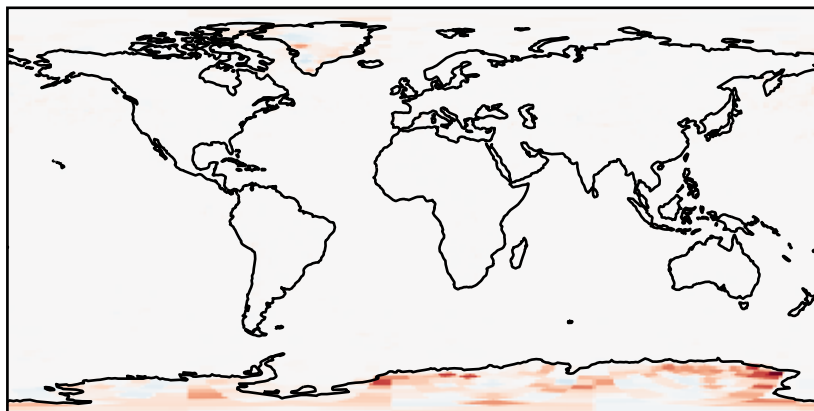
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



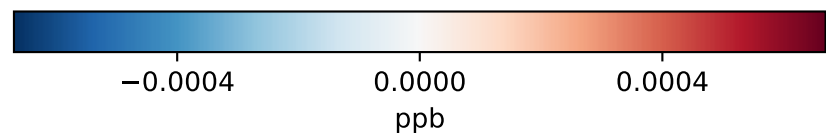
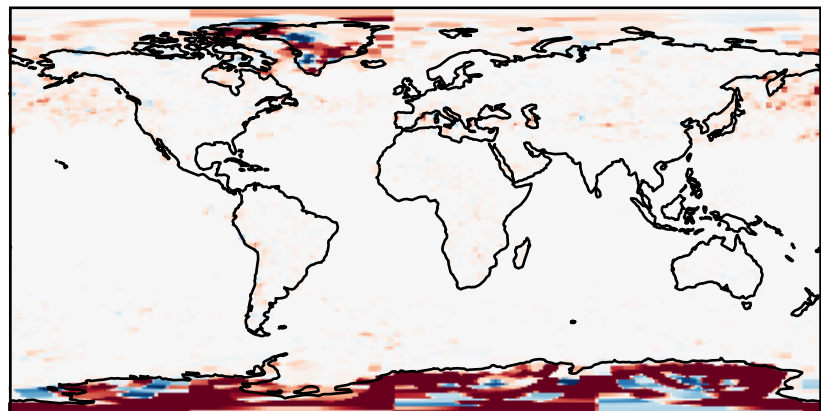
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



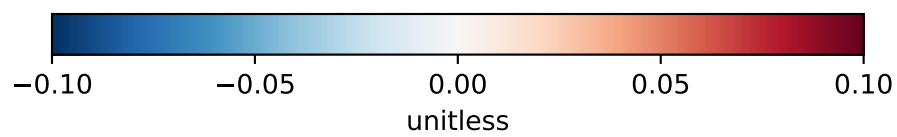
Difference (1x1.25)
Dev - Ref, Dynamic Range



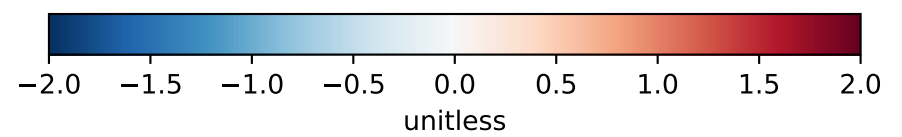
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

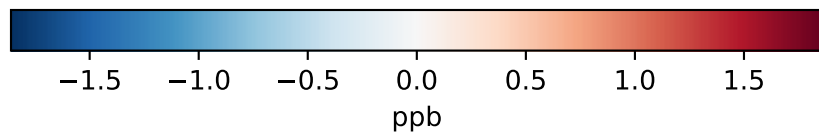
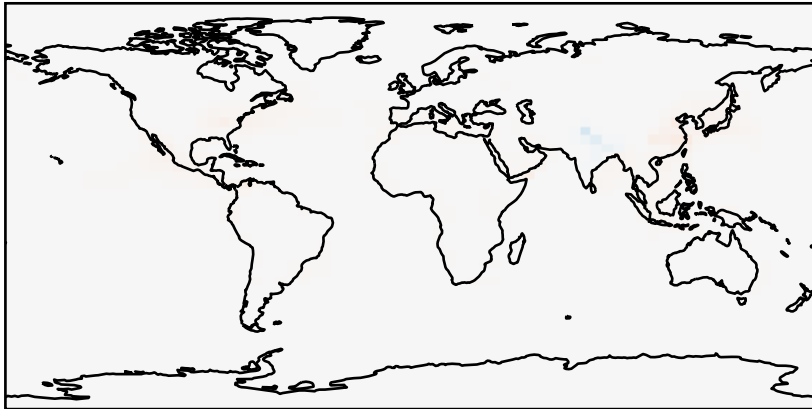


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

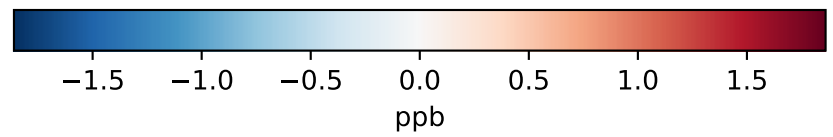
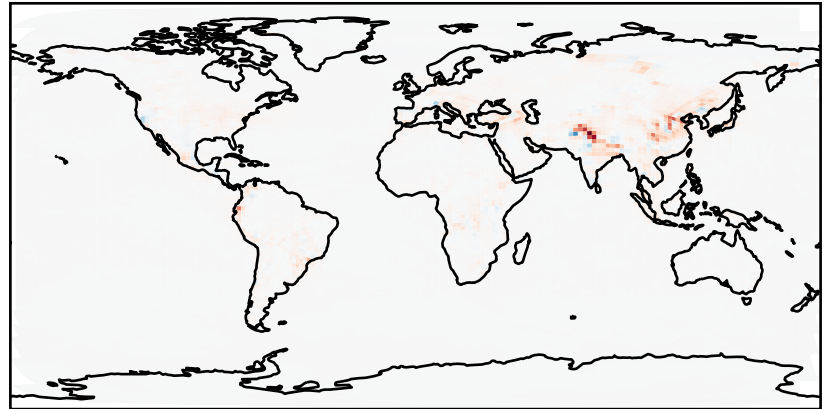


SpeciesConc_NHx

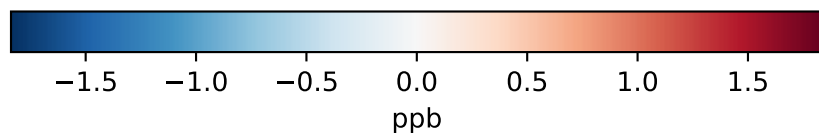
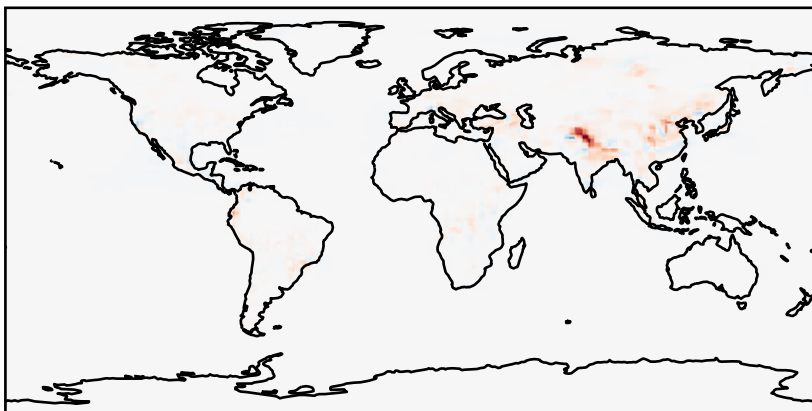
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



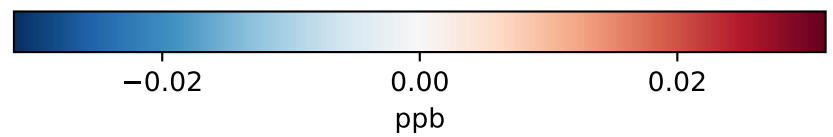
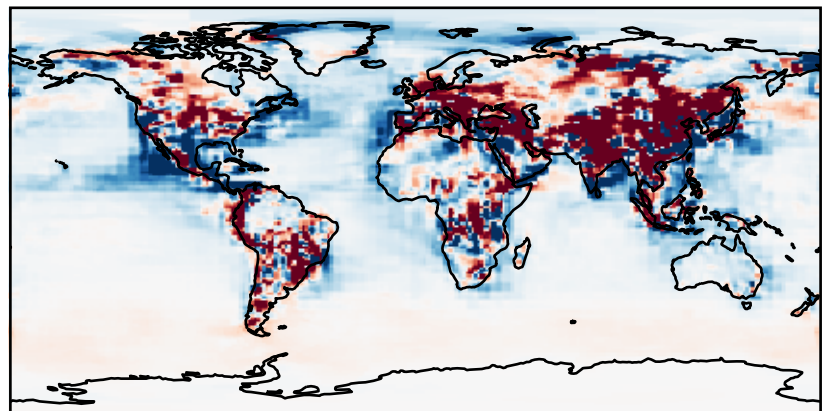
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



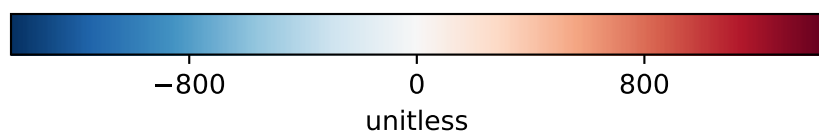
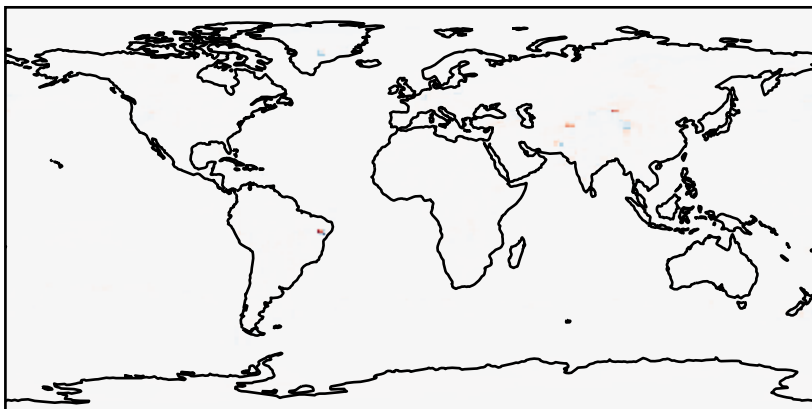
Difference (1x1.25)
Dev - Ref, Dynamic Range



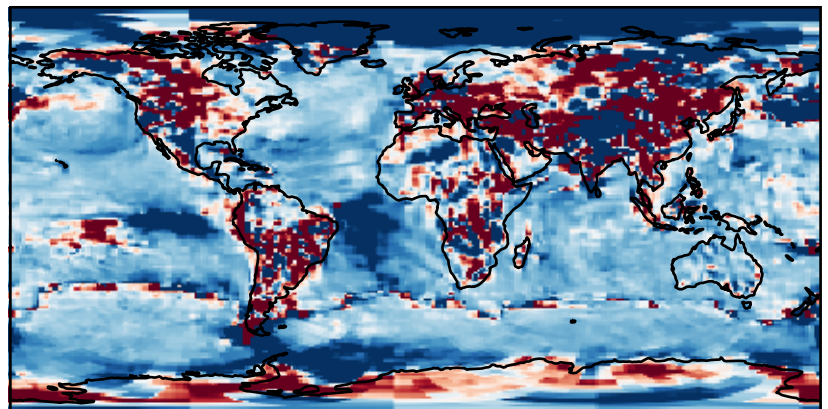
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

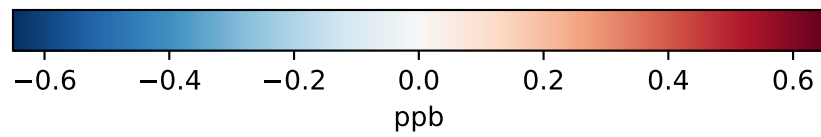
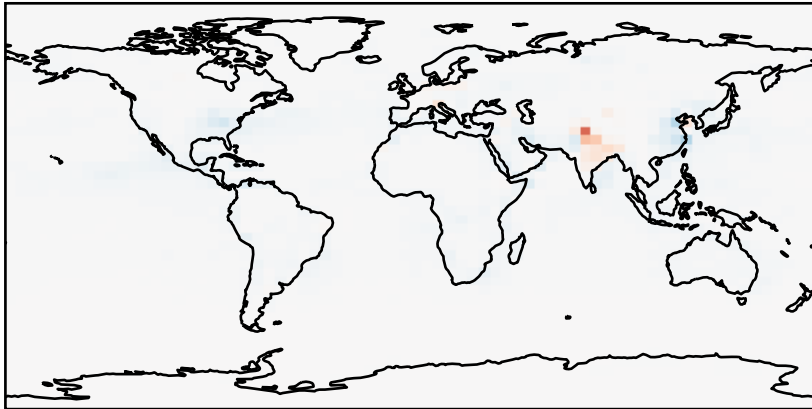


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

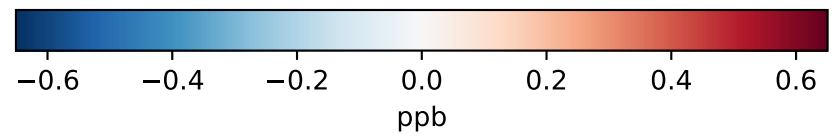
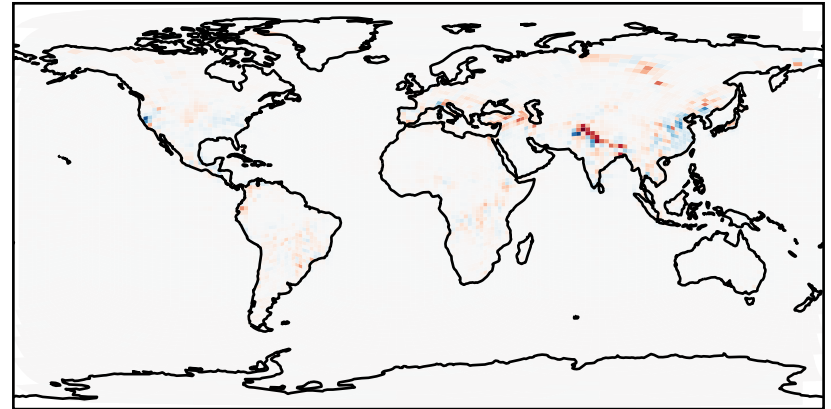


SpeciesConc_NH3

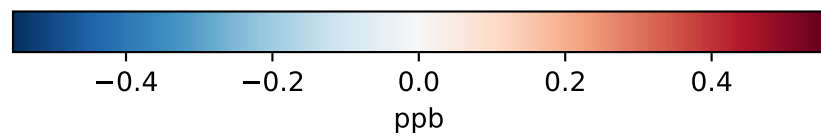
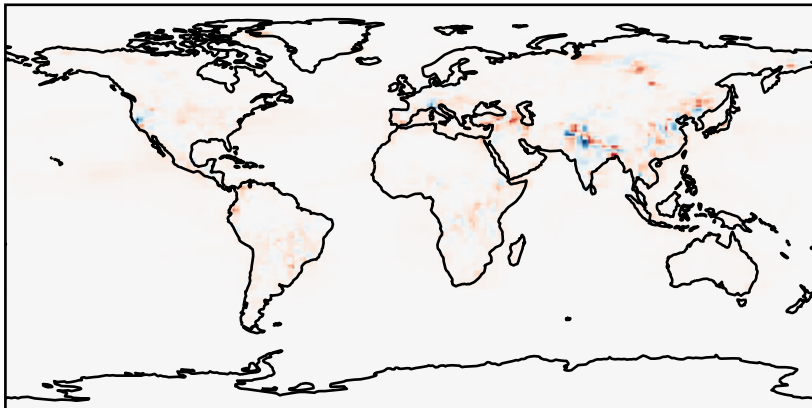
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



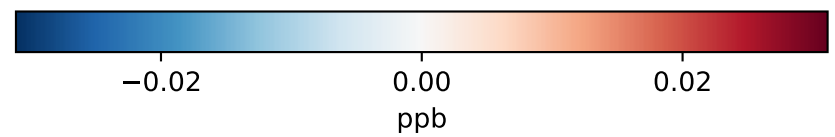
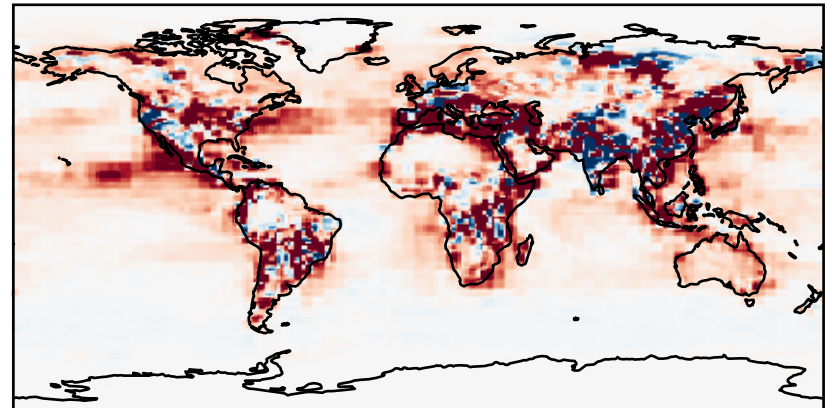
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



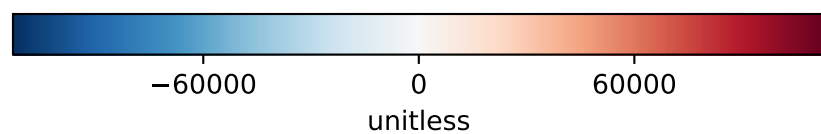
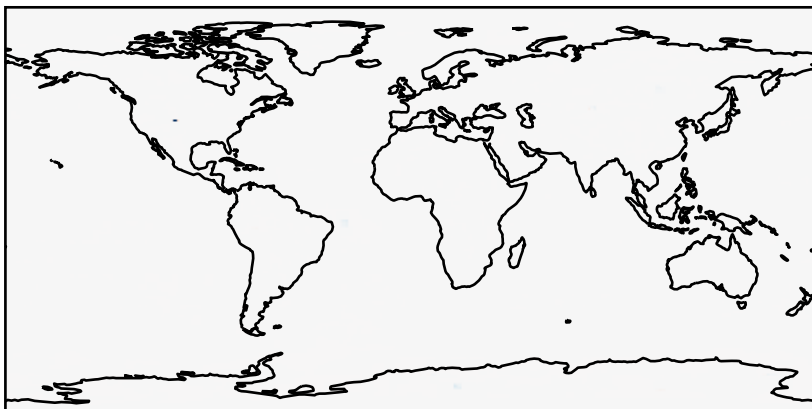
Difference (1x1.25)
Dev - Ref, Dynamic Range



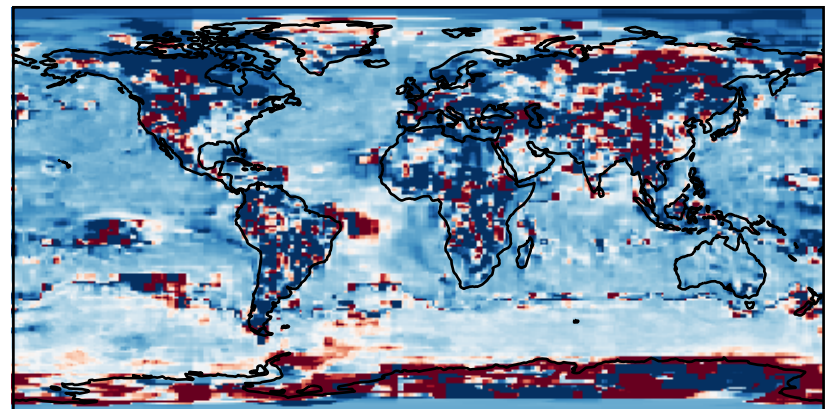
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

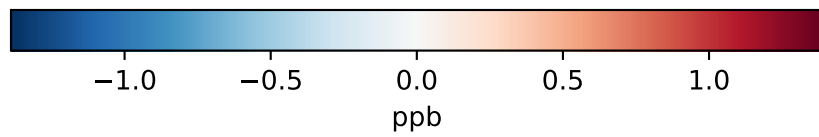
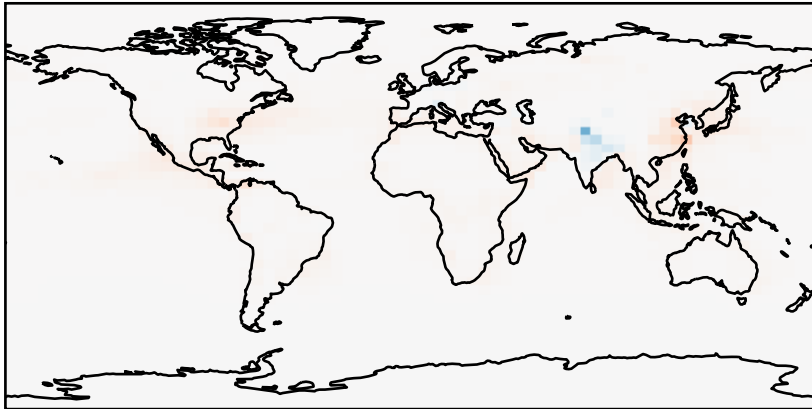


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

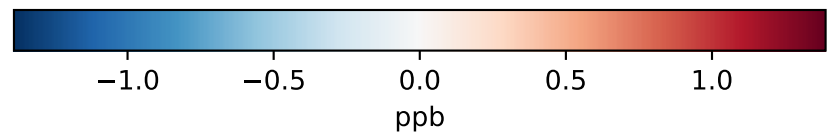
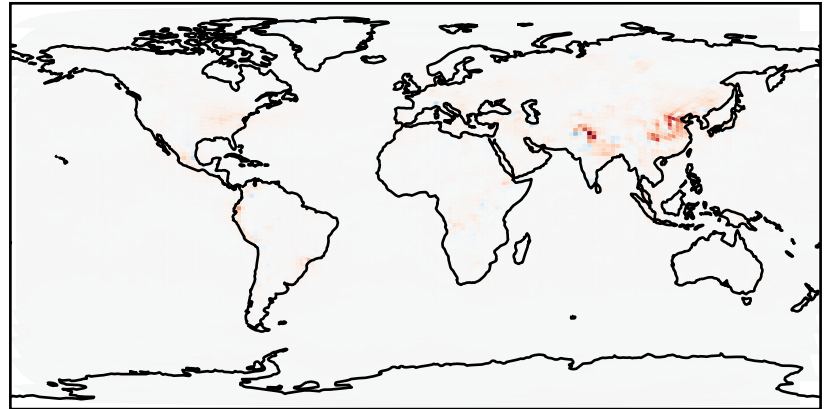


SpeciesConc_NH4

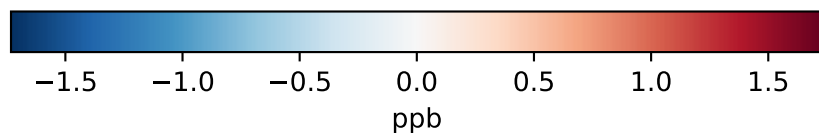
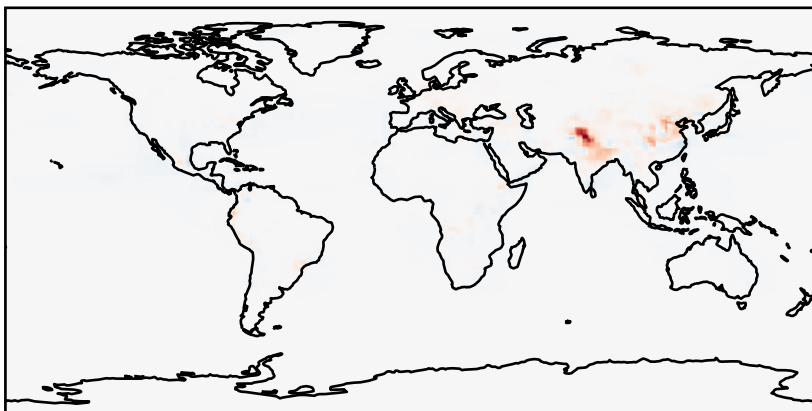
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



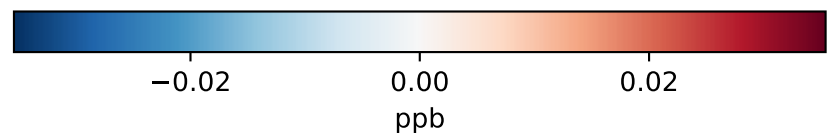
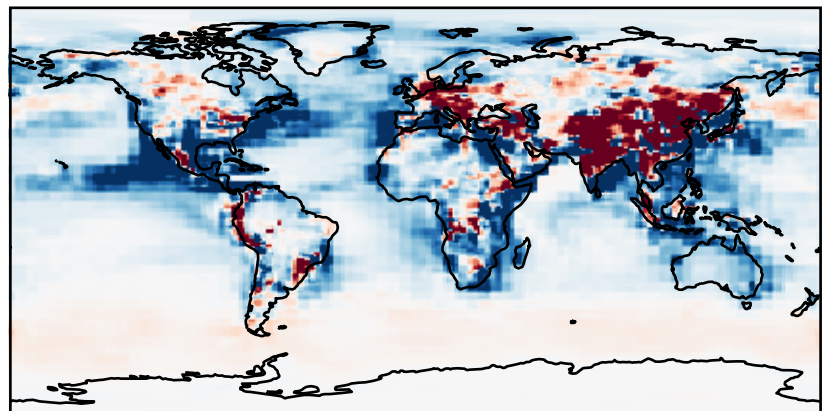
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



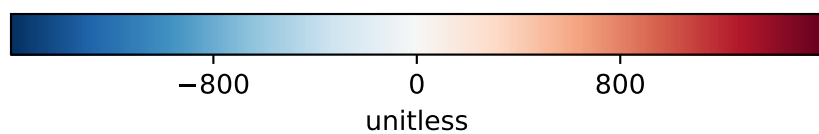
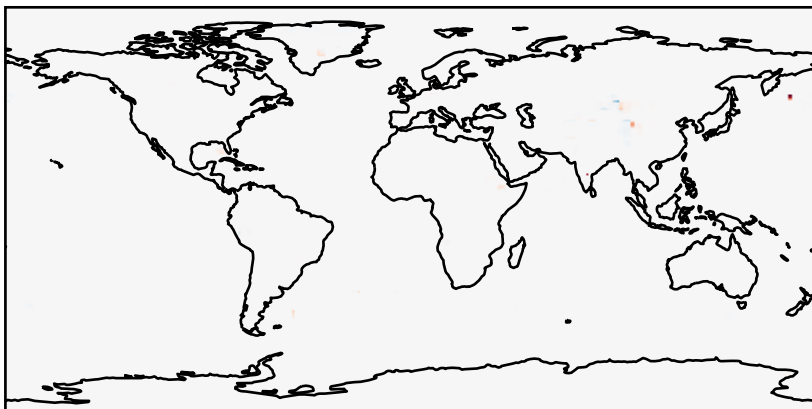
Difference (1x1.25)
Dev - Ref, Dynamic Range



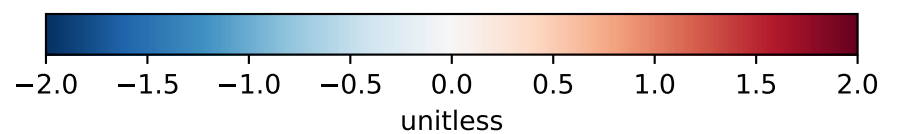
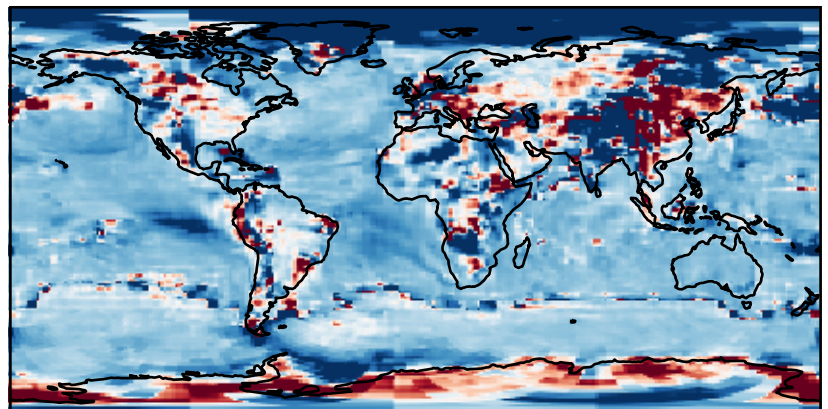
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

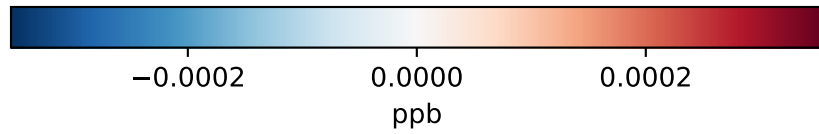
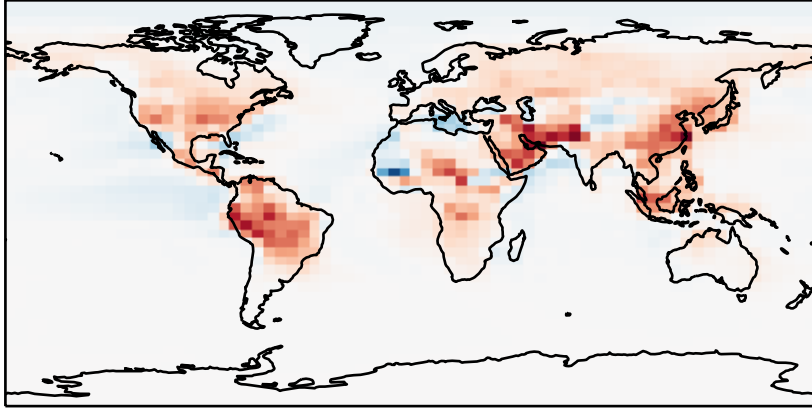


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

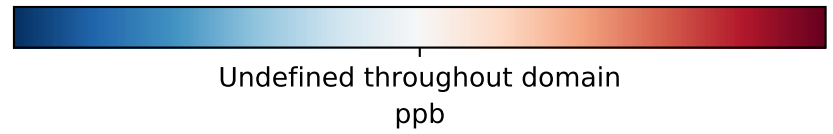
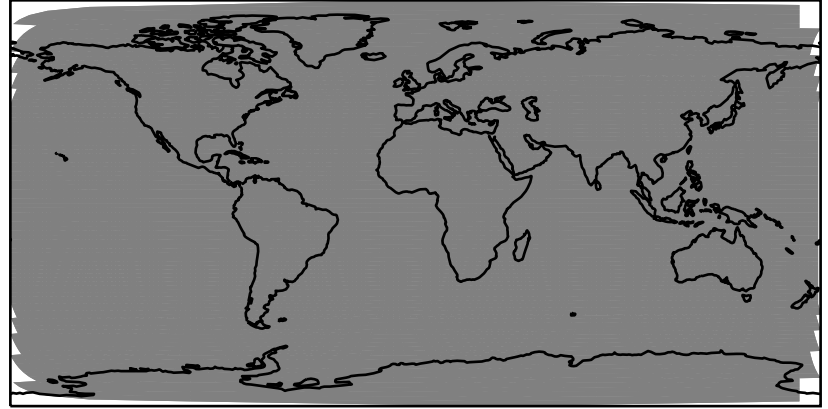


SpeciesConc_MENO3

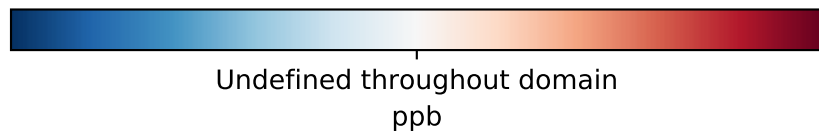
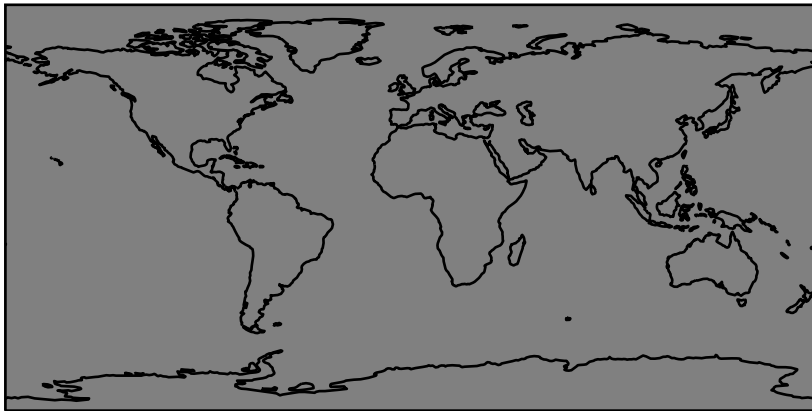
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



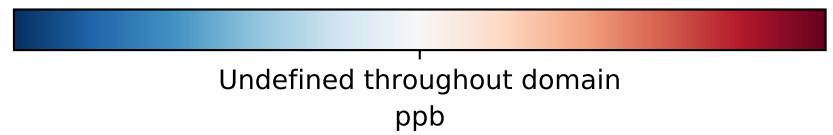
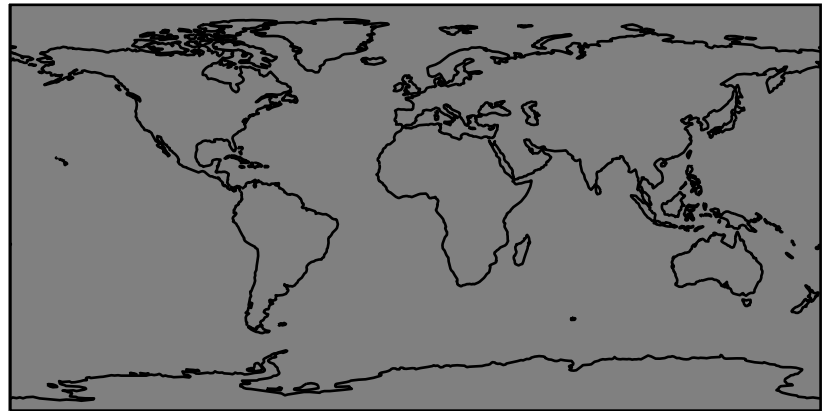
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



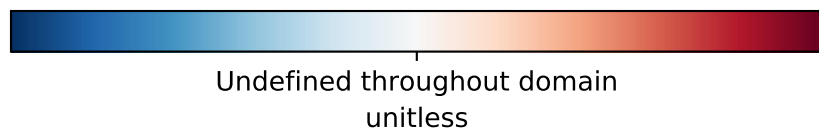
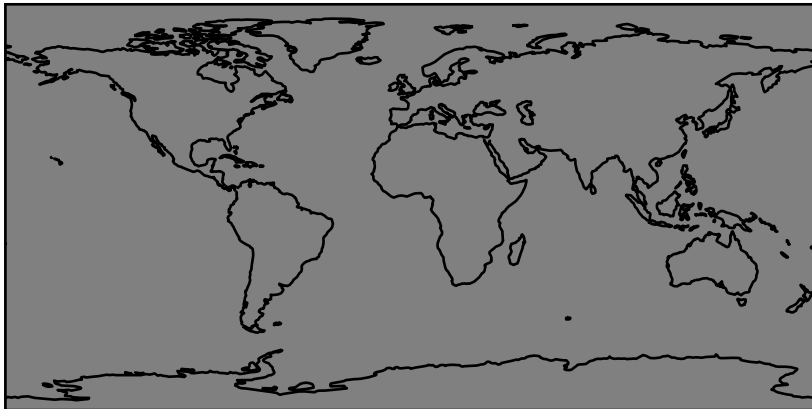
Difference (1x1.25)
Dev - Ref, Dynamic Range



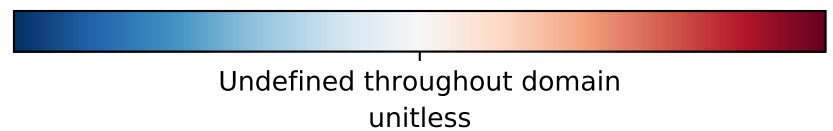
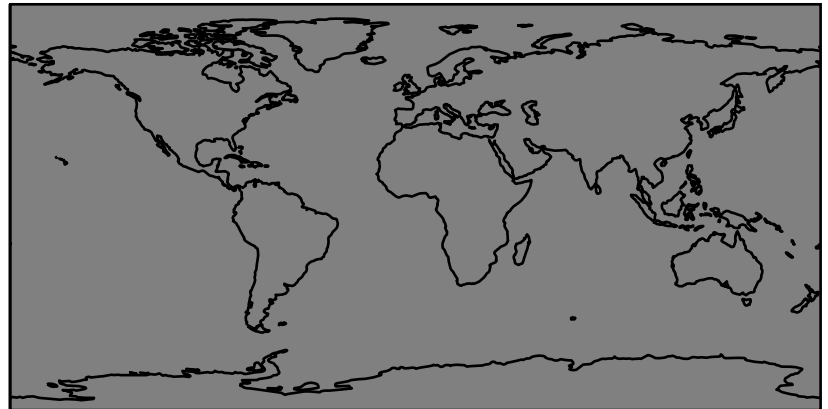
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

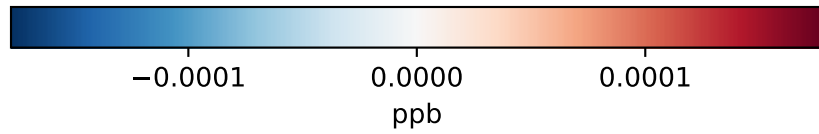
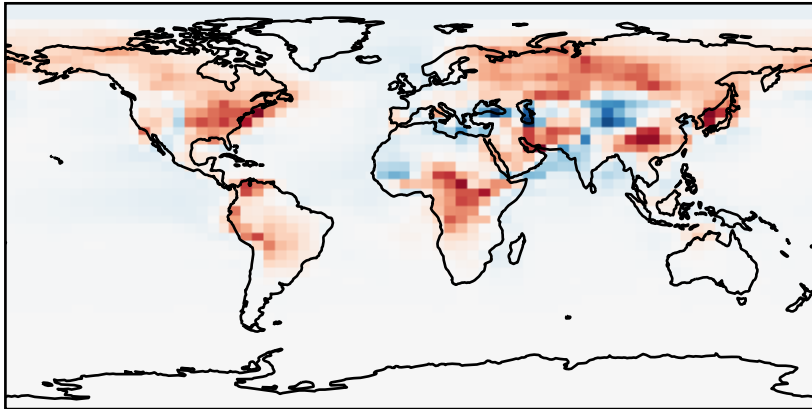


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

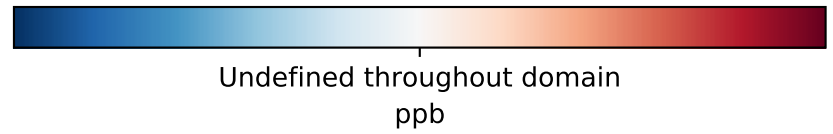
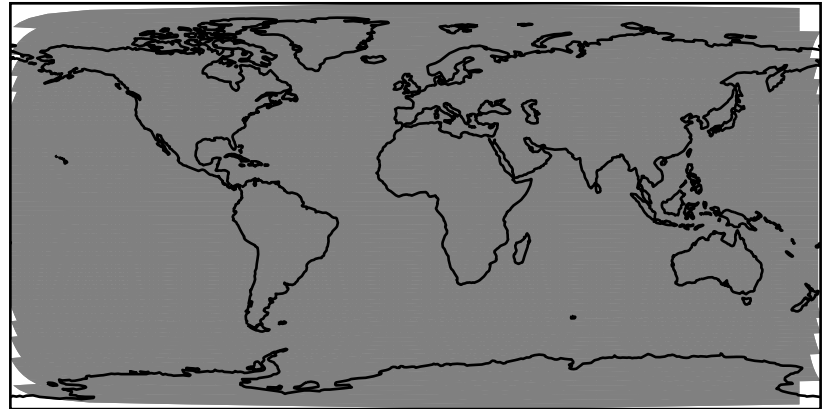


SpeciesConc_ETNO3

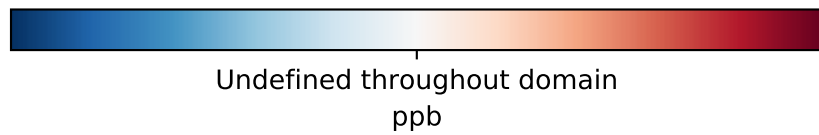
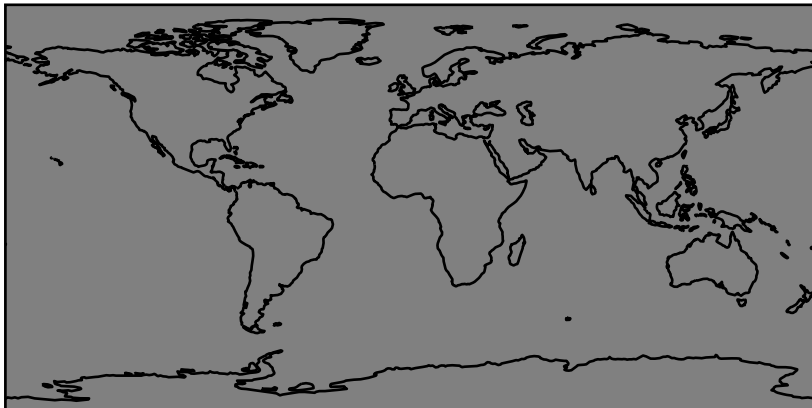
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



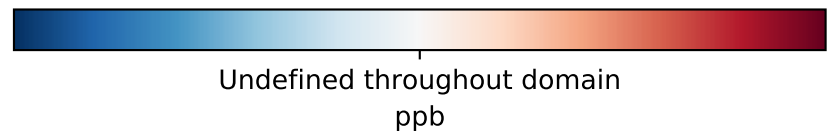
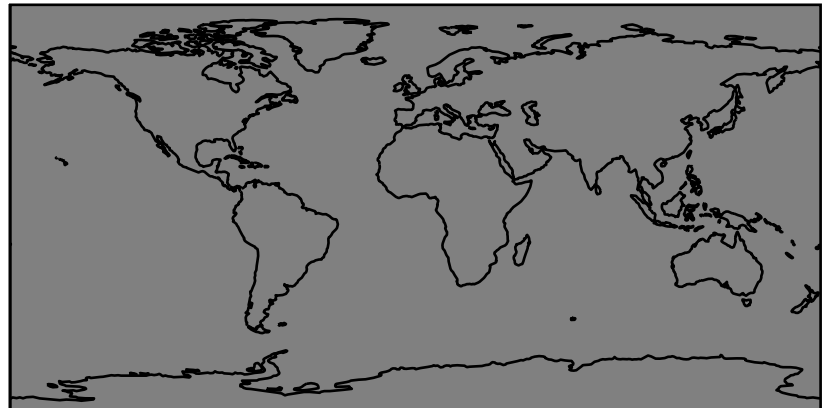
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



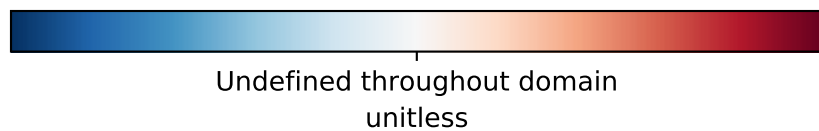
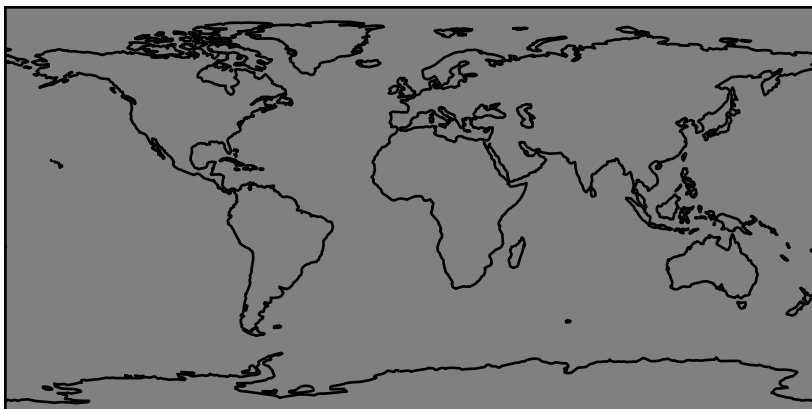
Difference (1x1.25)
Dev - Ref, Dynamic Range



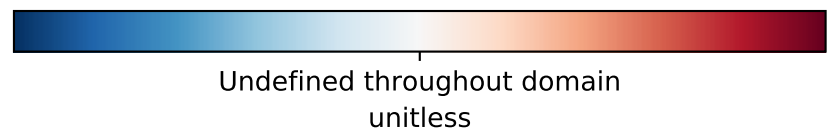
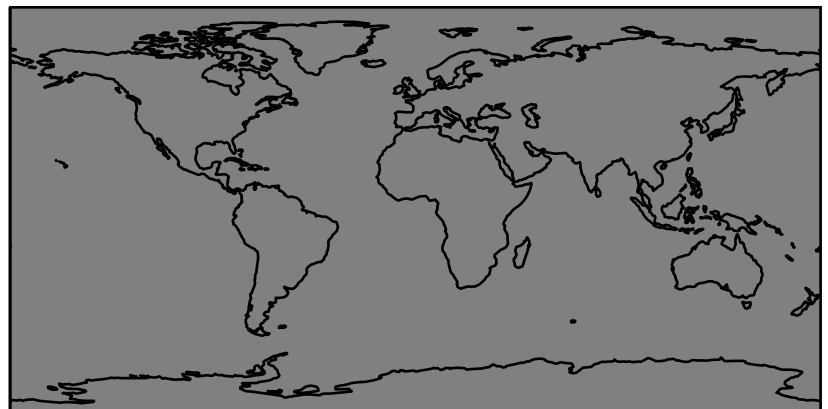
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

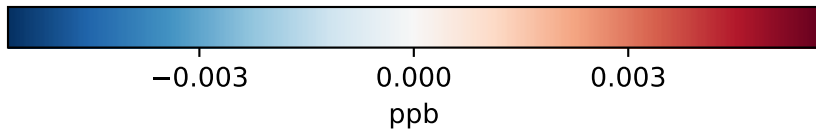
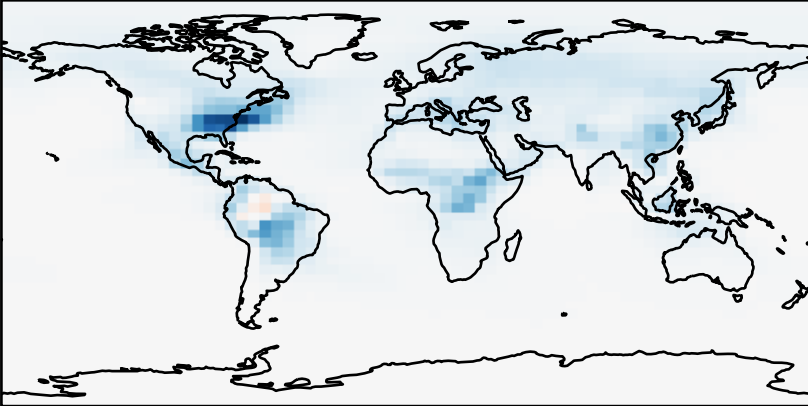


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

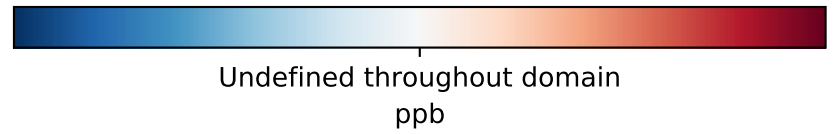
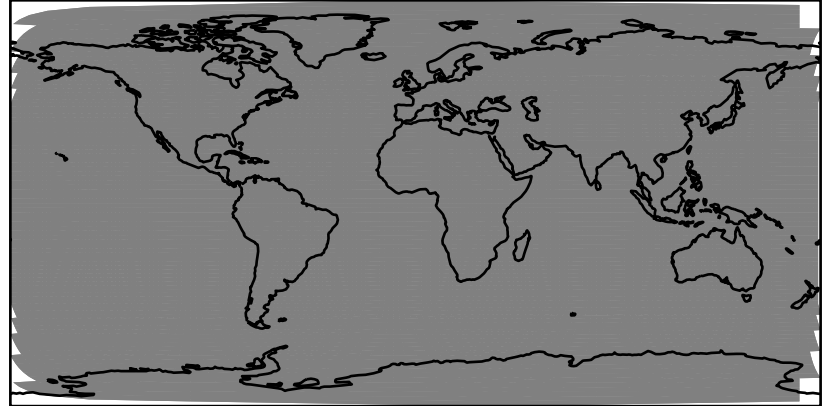


SpeciesConc_IPRNO3

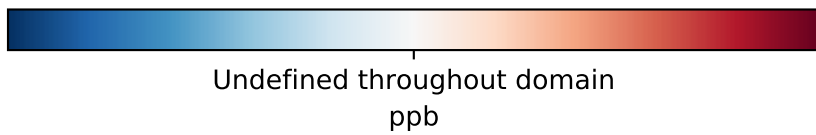
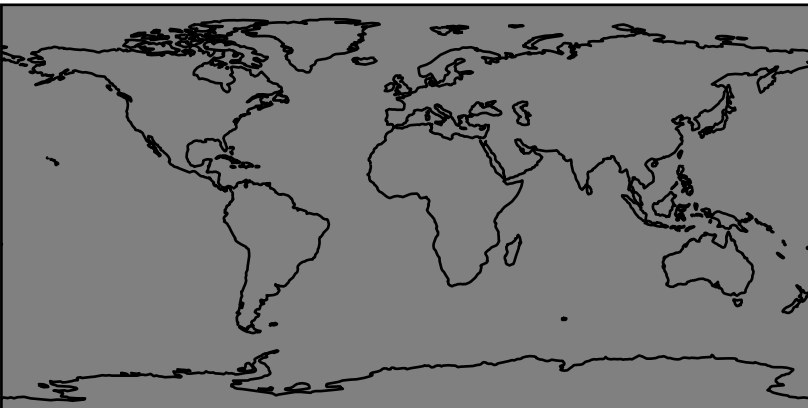
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



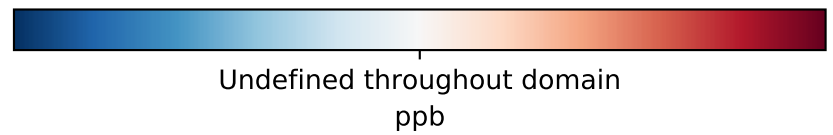
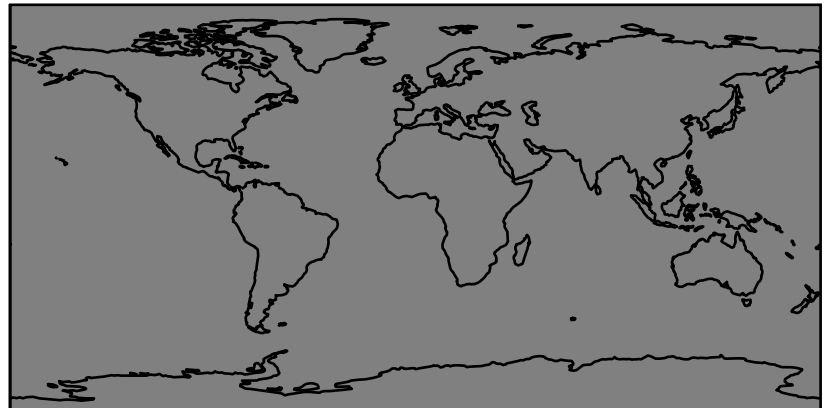
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



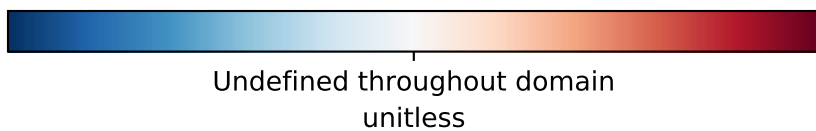
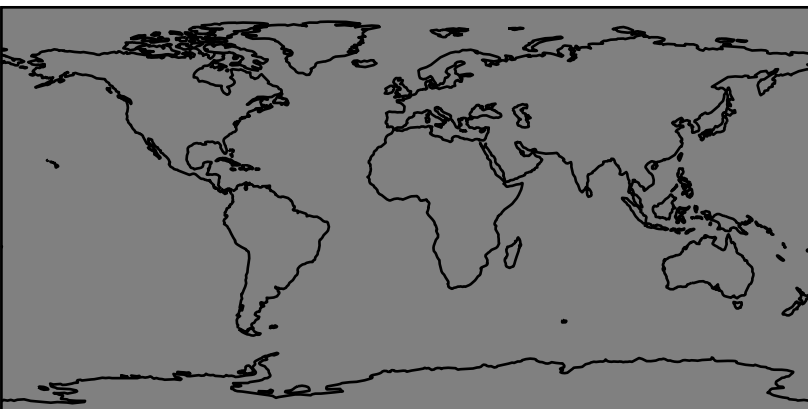
Difference (1x1.25)
Dev - Ref, Dynamic Range



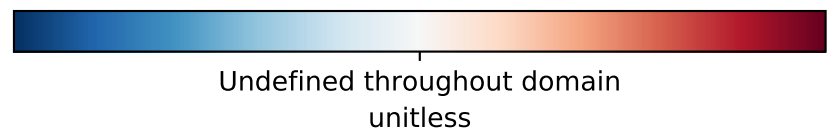
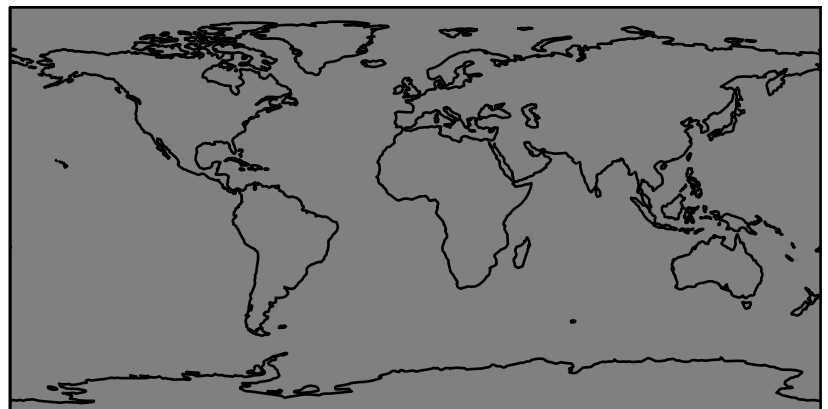
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

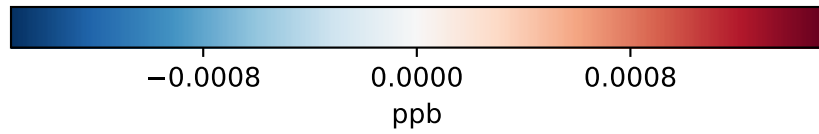
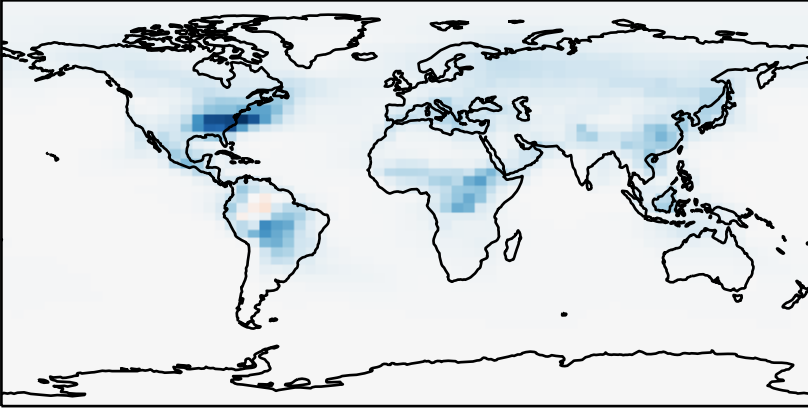


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

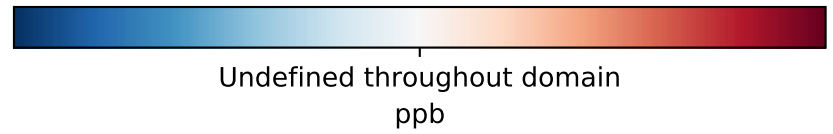
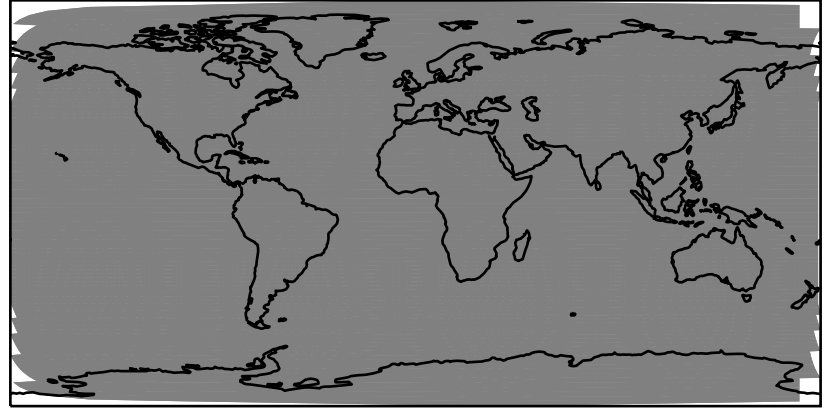


SpeciesConc_NPRNO3

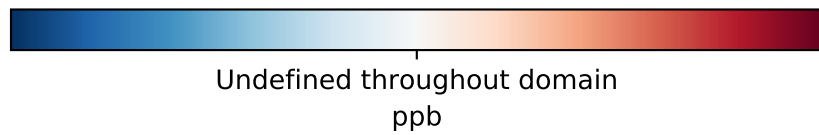
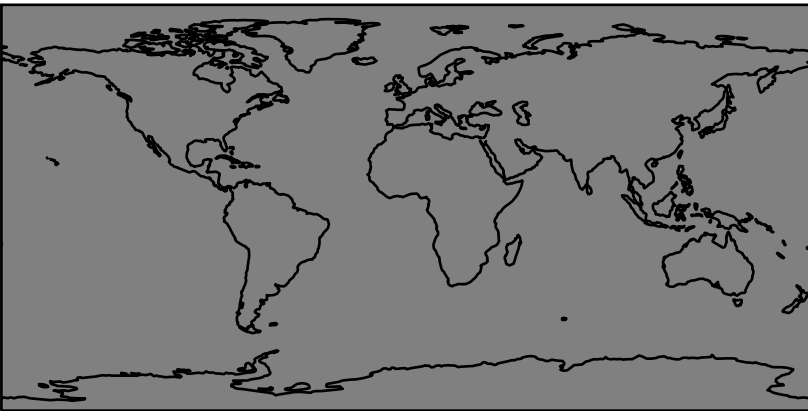
GC_12.8.0 - GC_12.7.0 (Ref)
4.0x5.0



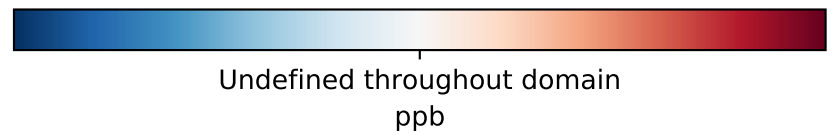
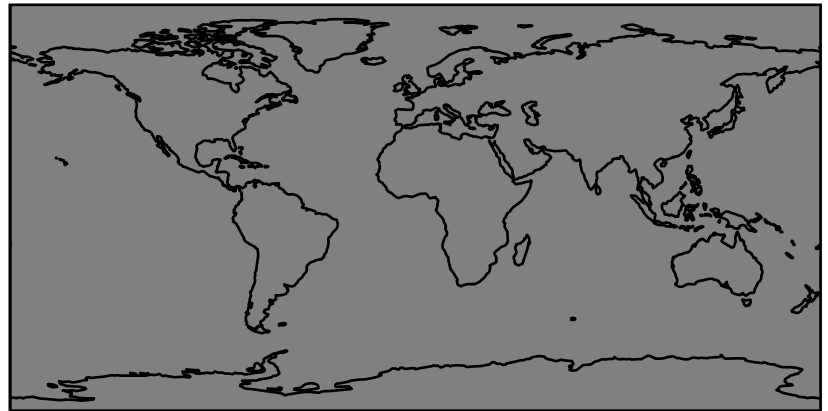
GCHP_12.8.0 - GCHP_12.7.0 (Dev)
c48



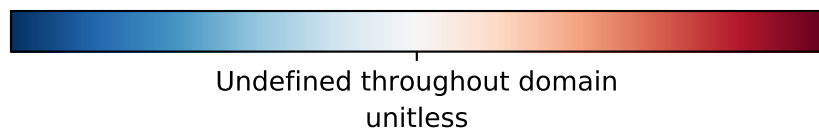
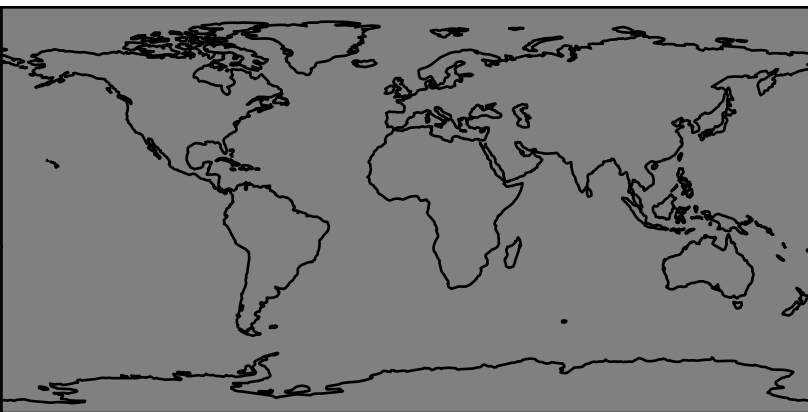
Difference (1x1.25)
Dev - Ref, Dynamic Range



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

