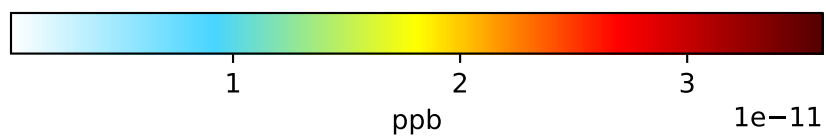# SpeciesConc_Rn222 (Jul2016)

Run0-StdWetDep (Ref)
4x5
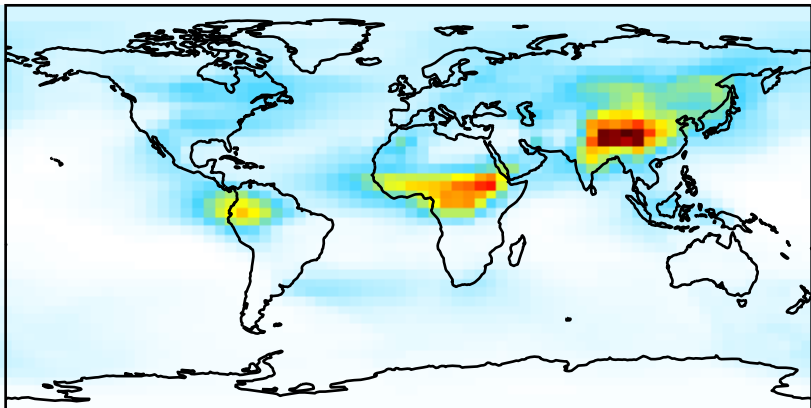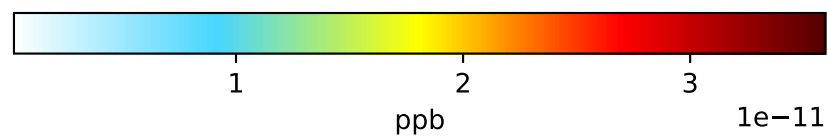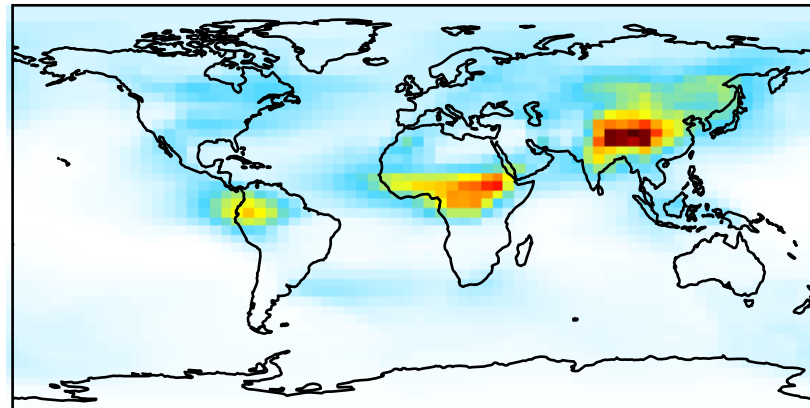
Run1-LuoWetDep (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

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

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

Zero throughout domain
unitless

Zero throughout domain
unitless

SpeciesConc_Pb210 (Jul2016)
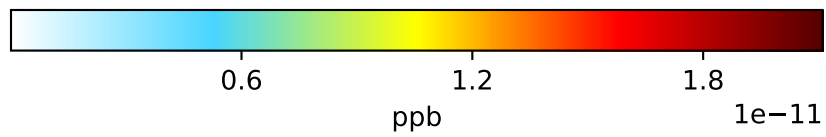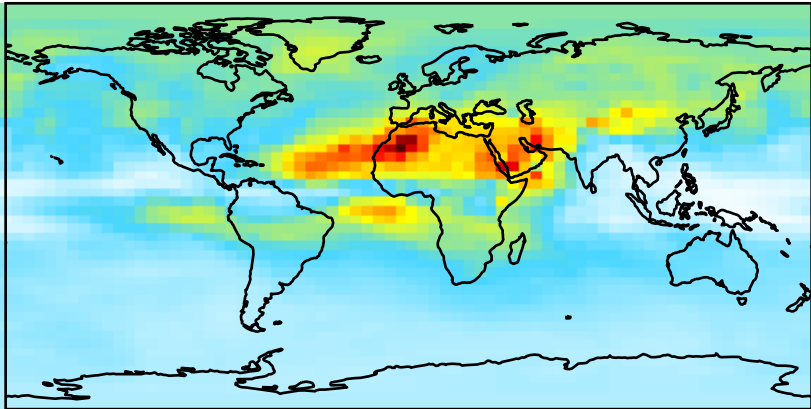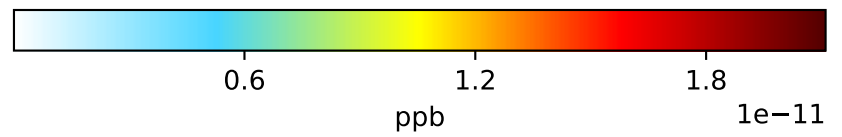
SpeciesConc_Be7 (Jul2016)
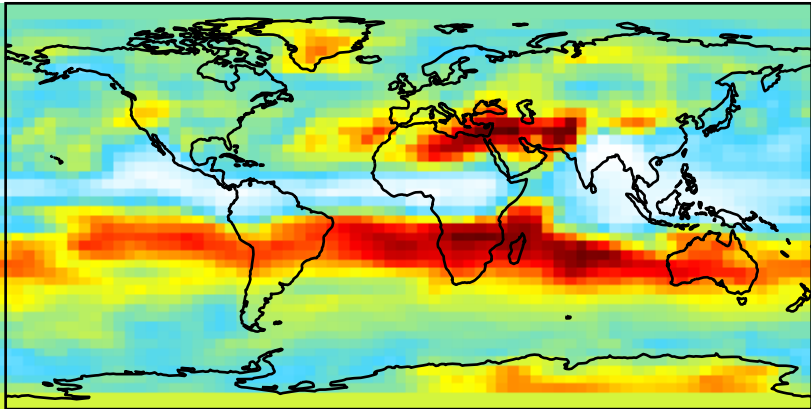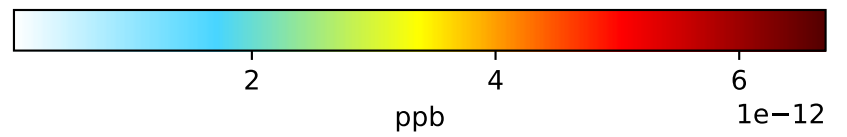
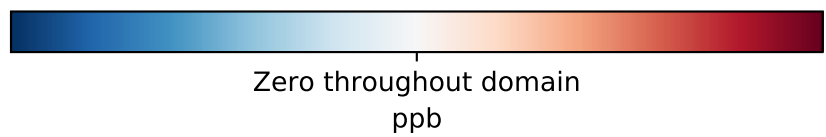# SpeciesConc_Be10 (Jul2016)
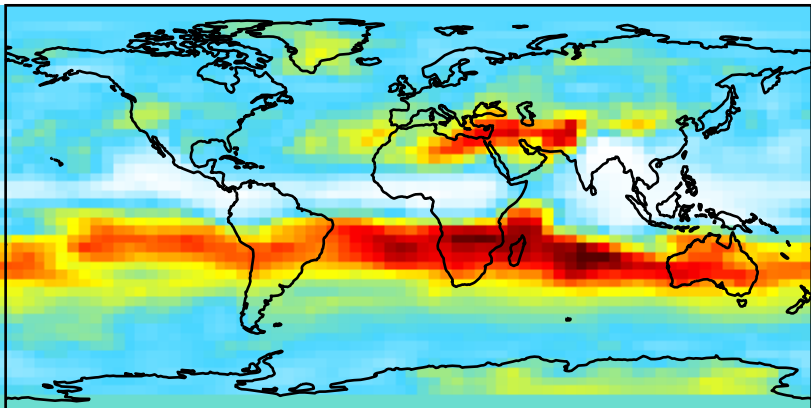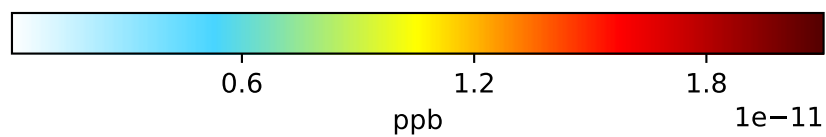
SpeciesConc_PassiveTracer (Jul2016)

Run0-StdWetDep (Ref)
4x5
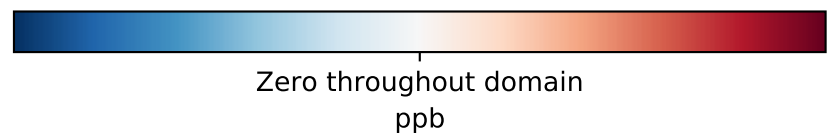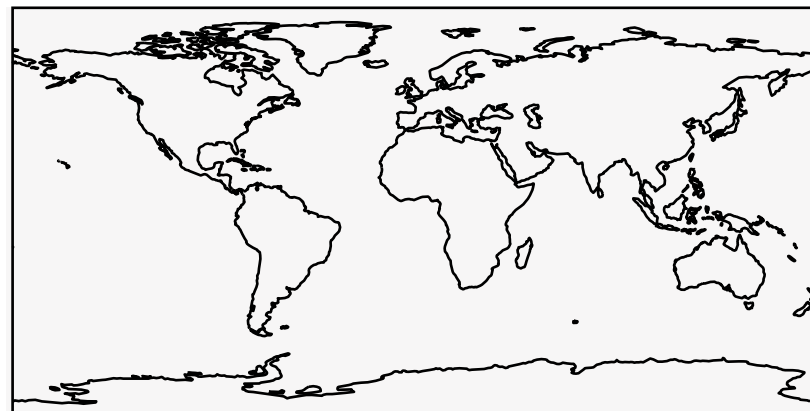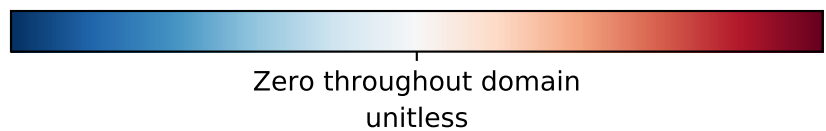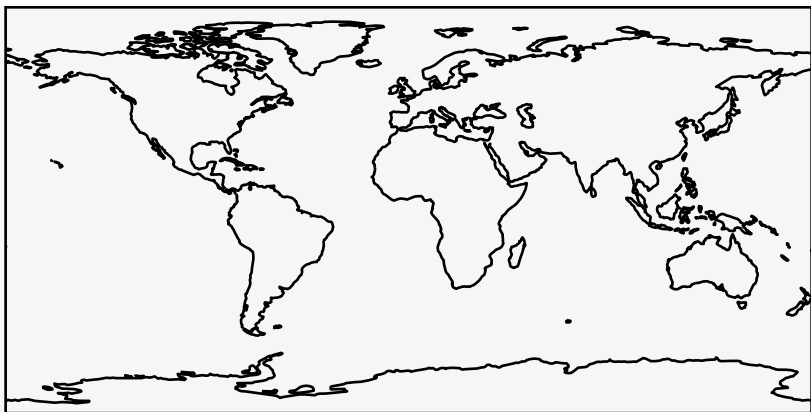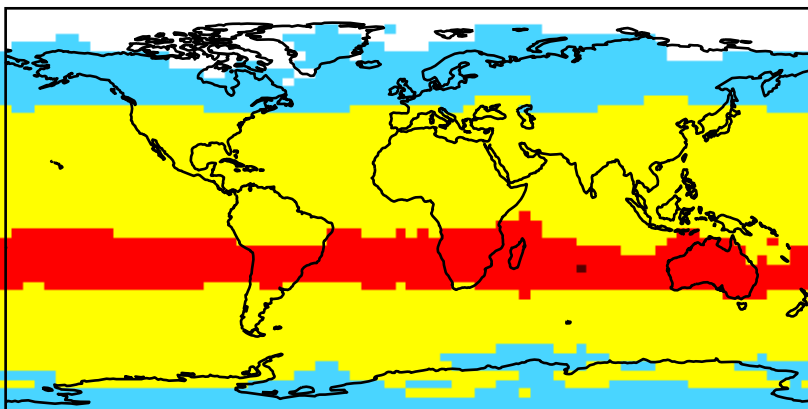
Run1-LuoWetDep (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

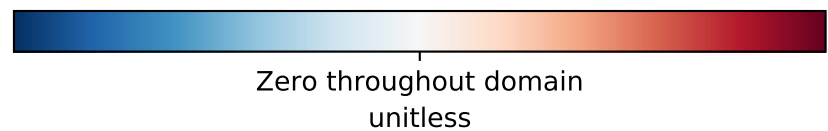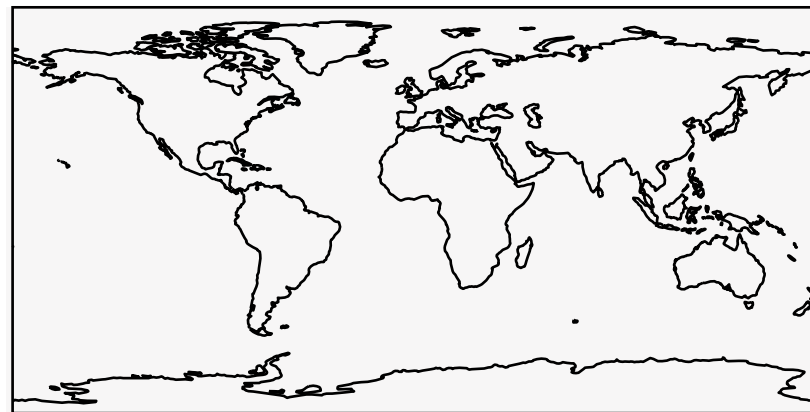Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
ppb

Zero throughout domain
ppb

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

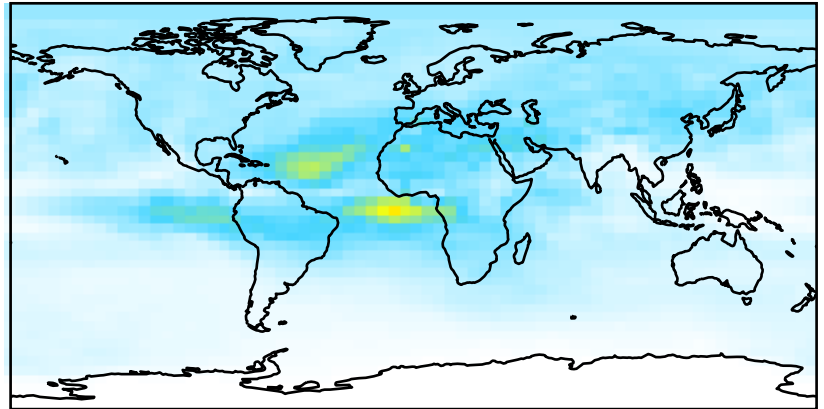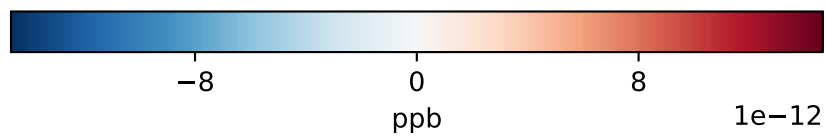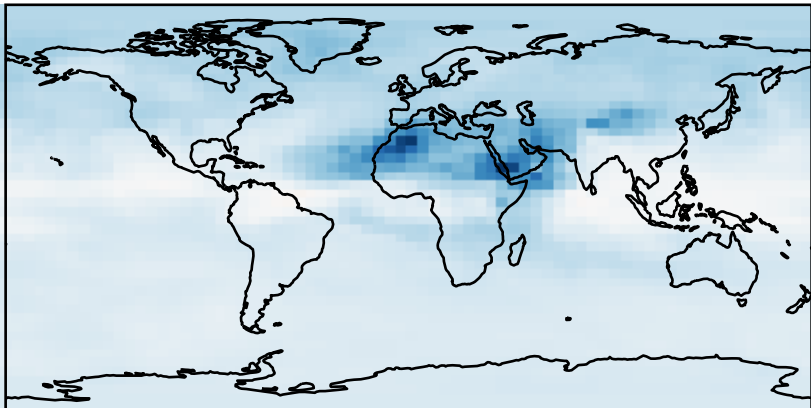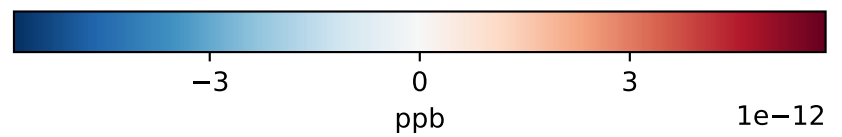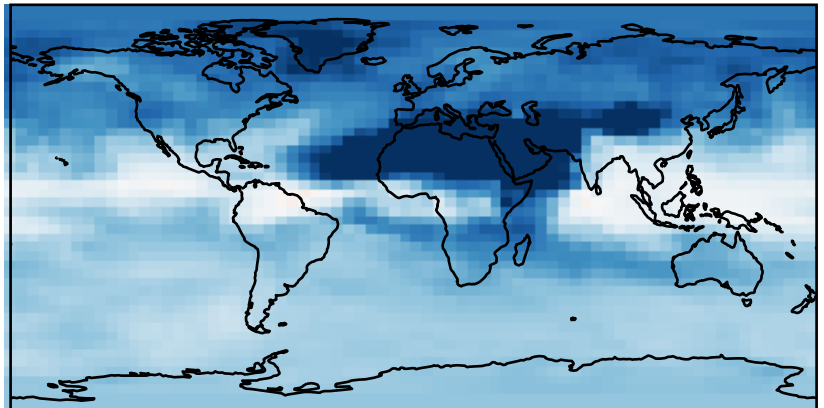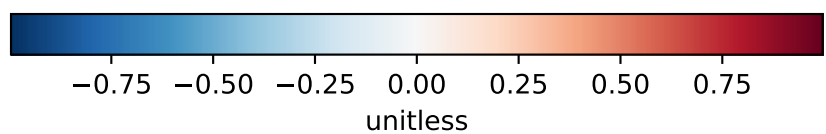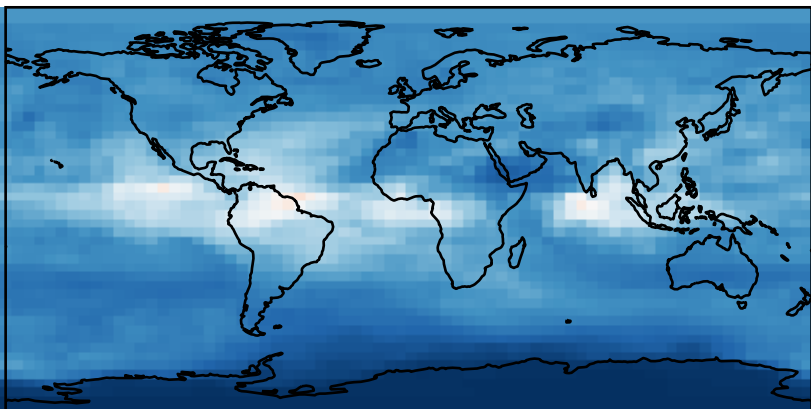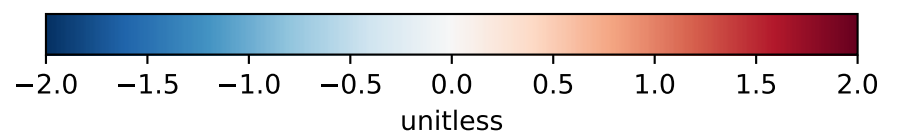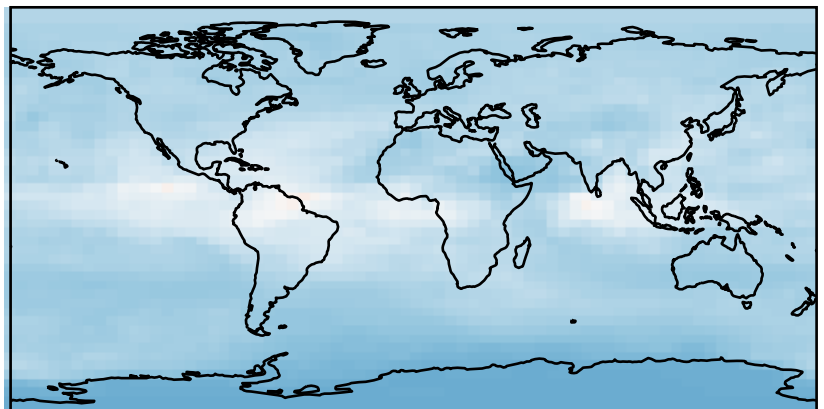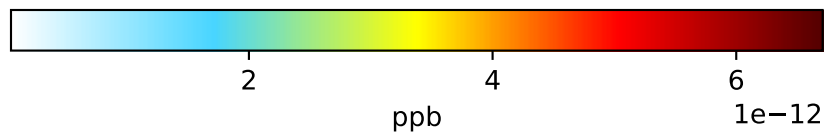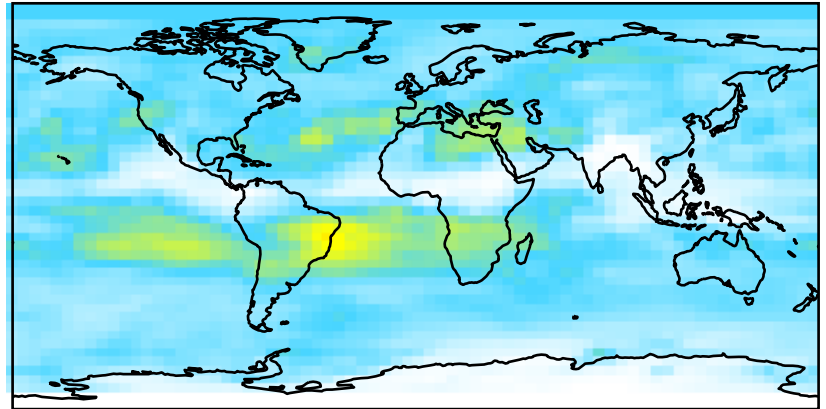Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Zero throughout domain
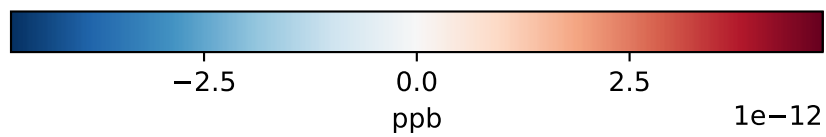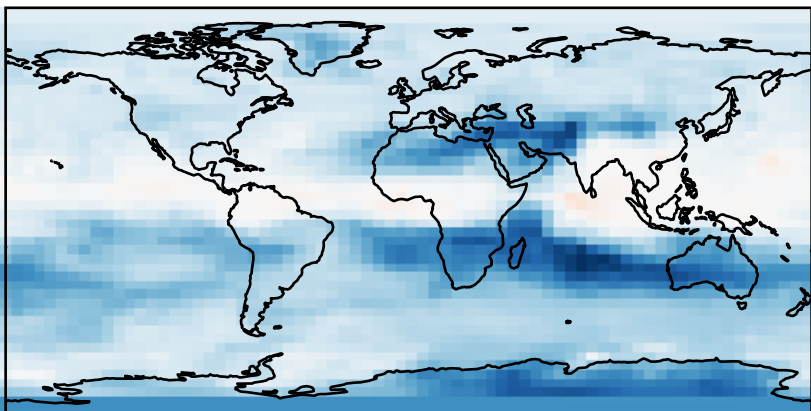unitless

Zero throughout domain
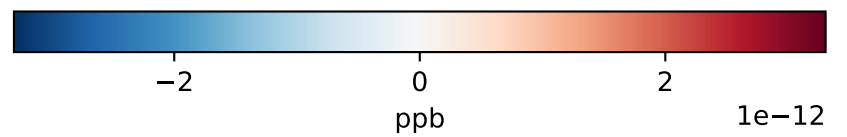unitless

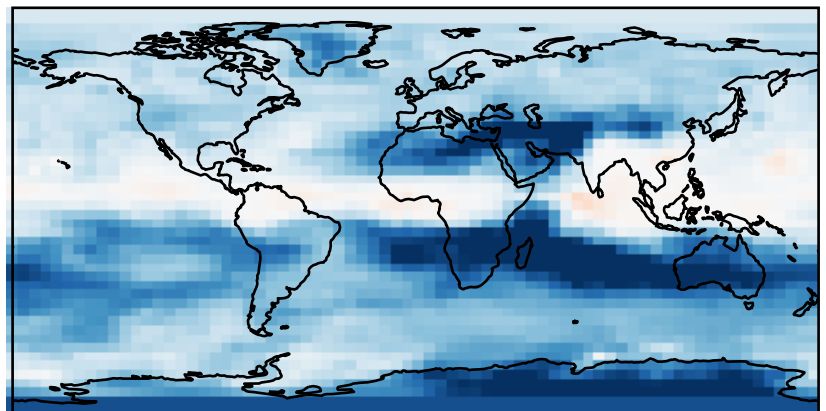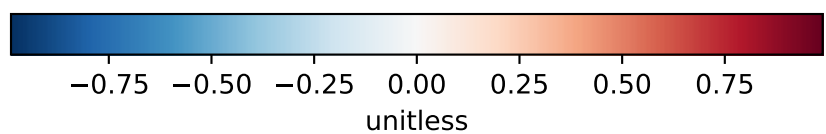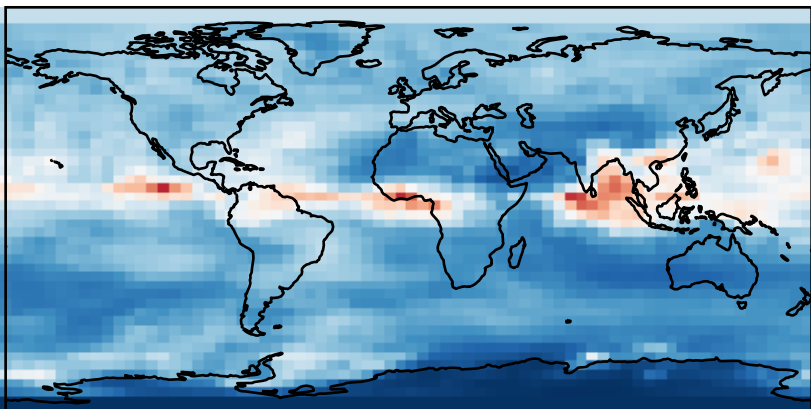# SpeciesConc_SF6Tracer (Jul2016)

Run0-StdWetDep (Ref)
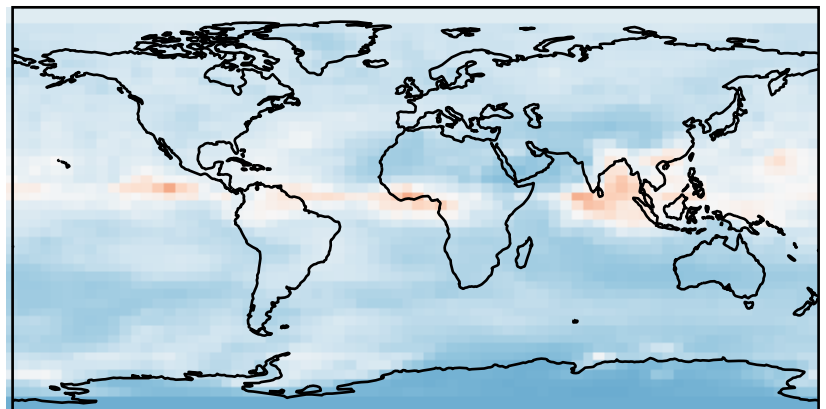4x5
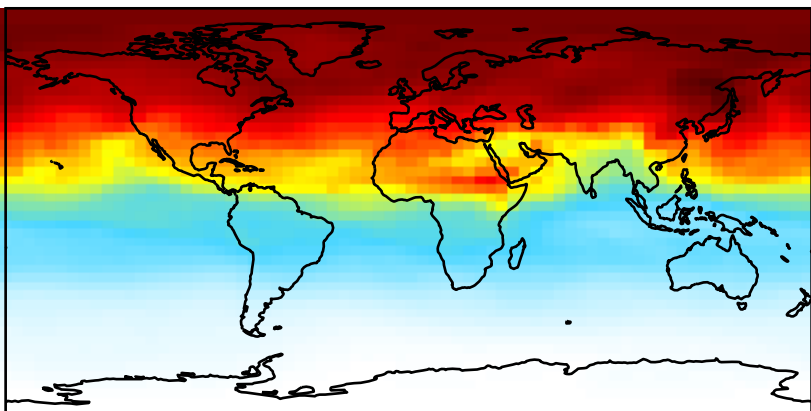
Run1-LuoWetDep (Dev)
4x5

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
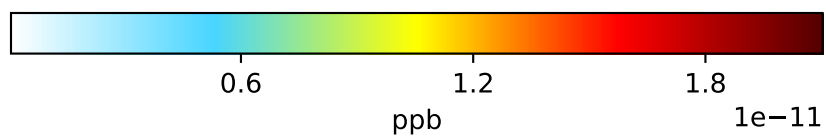ppb

Zero throughout domain
ppb

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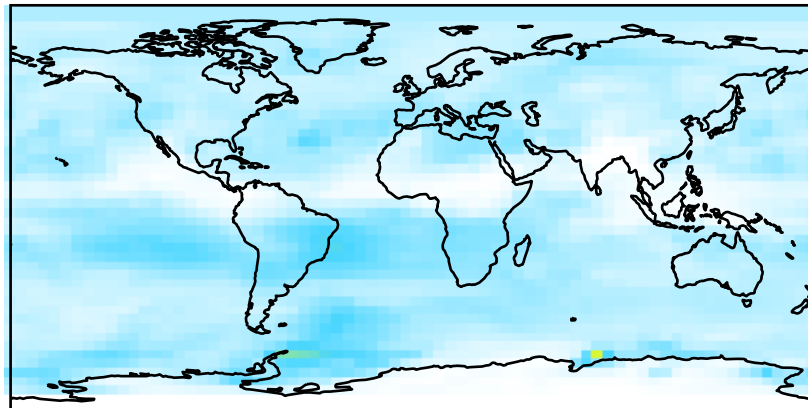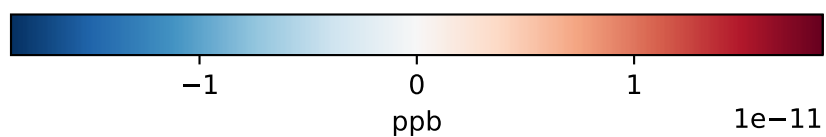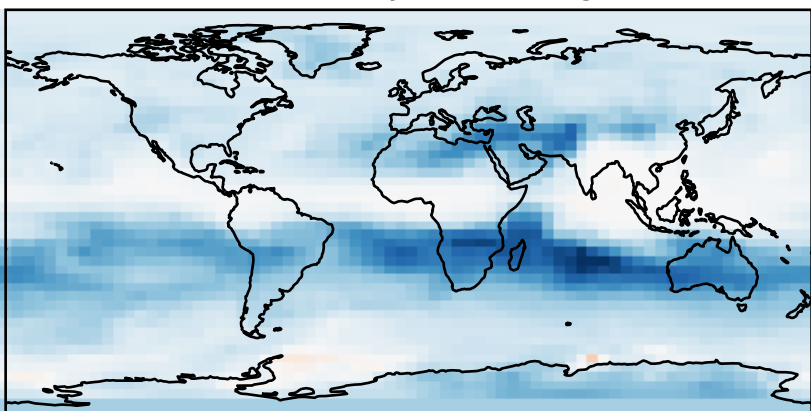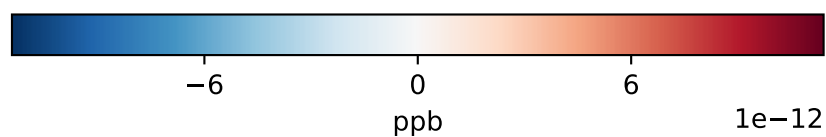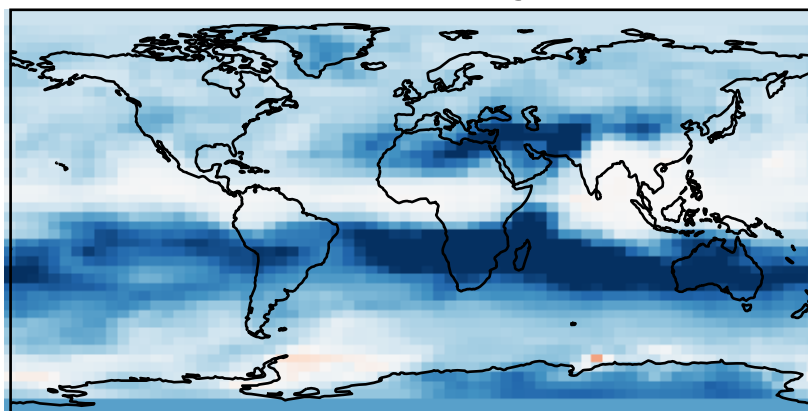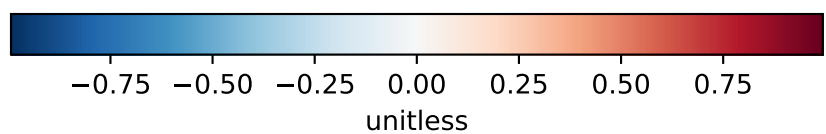
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Zero throughout domain
unitless

Zero throughout domain
unitless

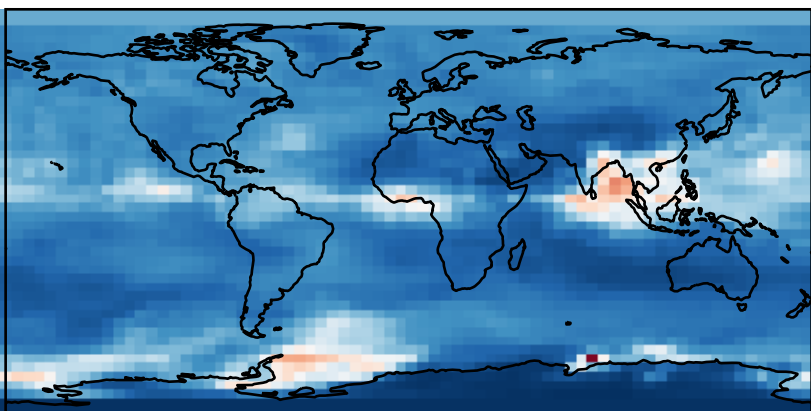# SpeciesConc_CH3ITracer (Jul2016)

Run0-StdWetDep (Ref)
4x5
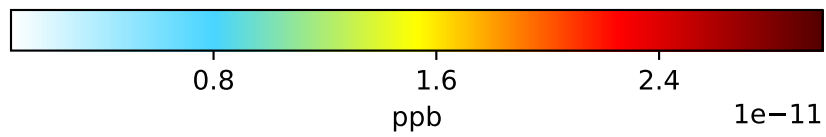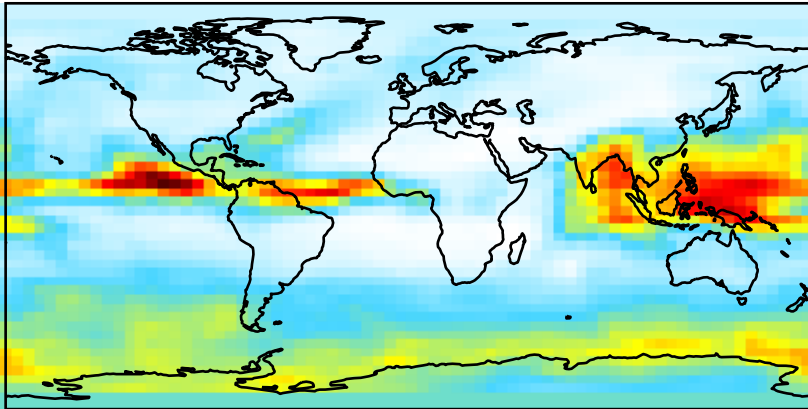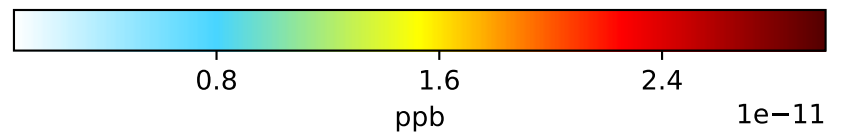
Run1-LuoWetDep (Dev)
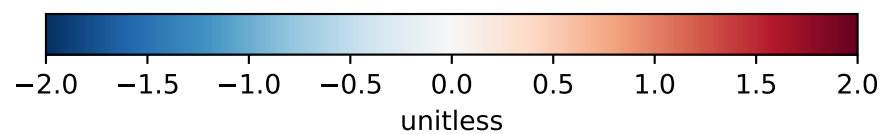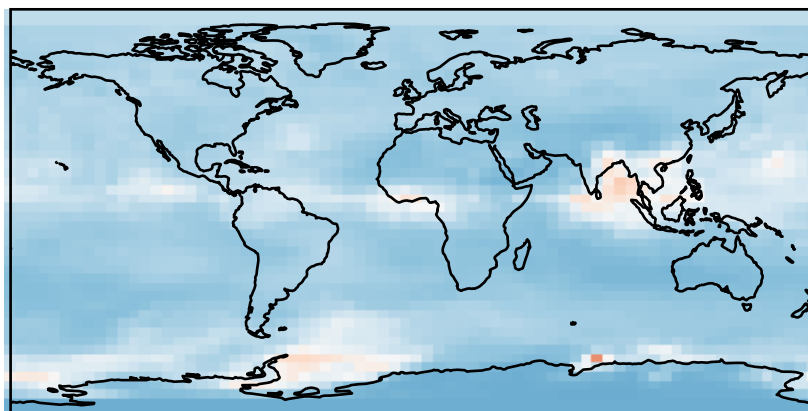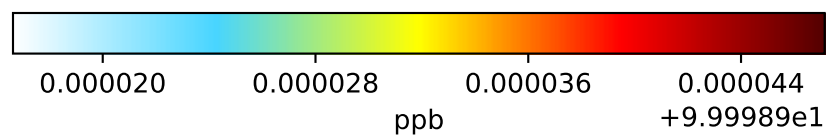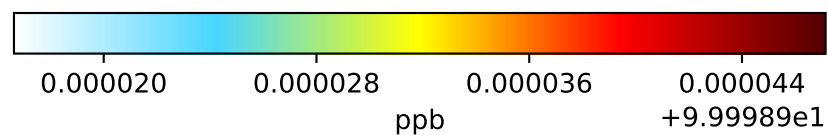4x5

ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

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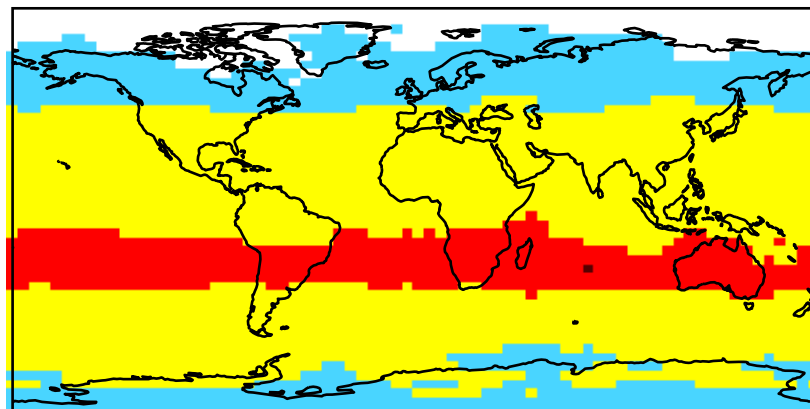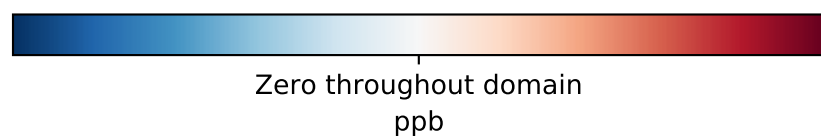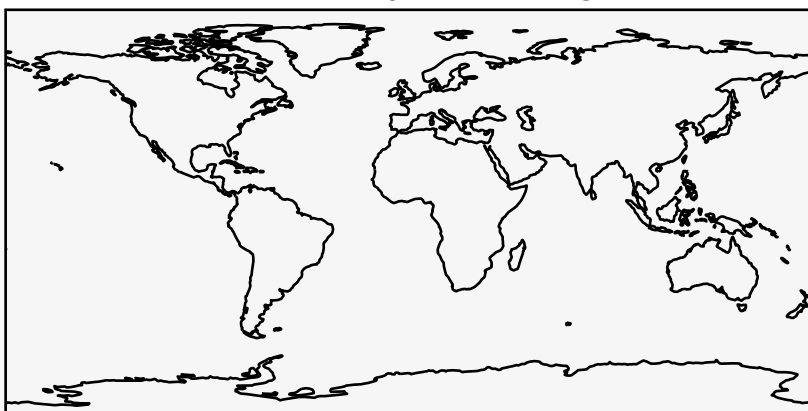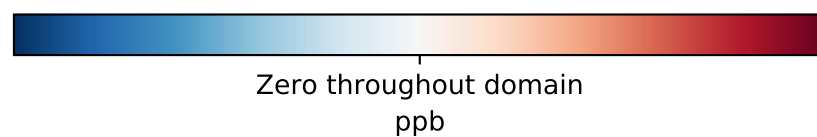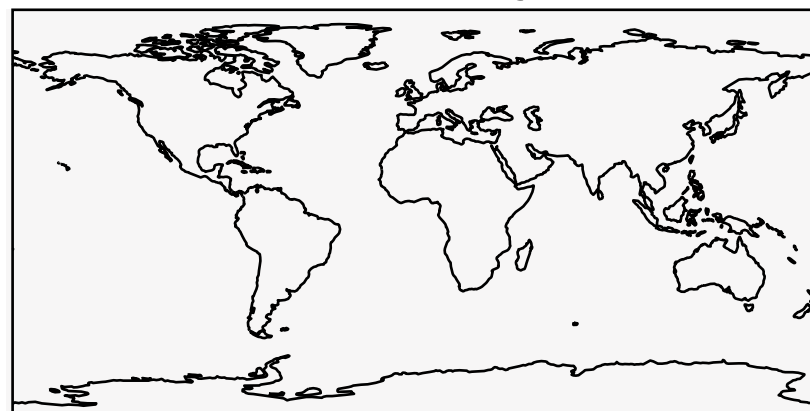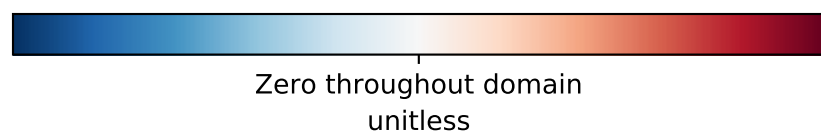(Dev-Ref)/Ref, Dynamic Range

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

Zero throughout domain
unitless

Zero throughout domain
unitless

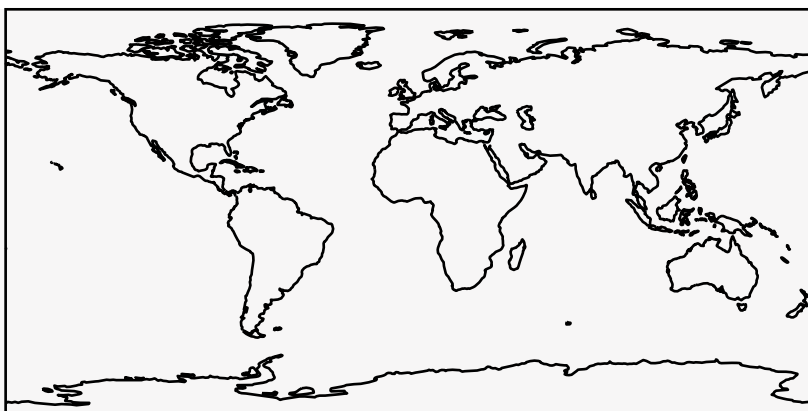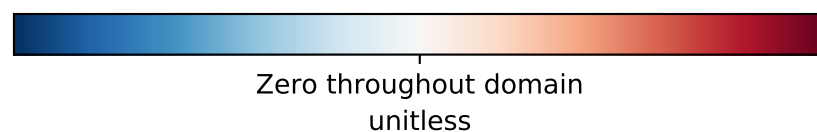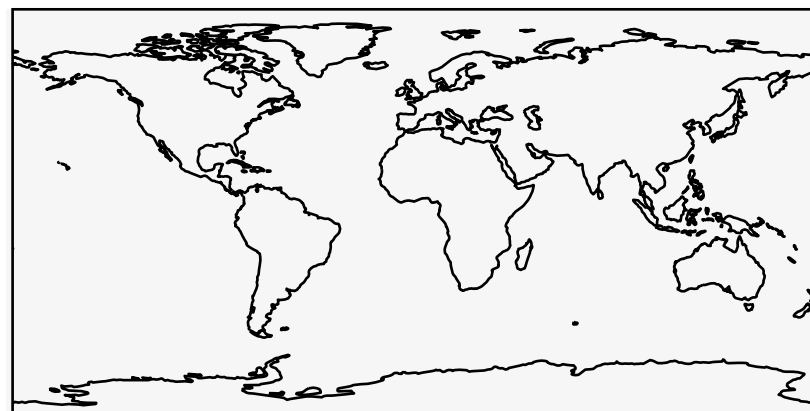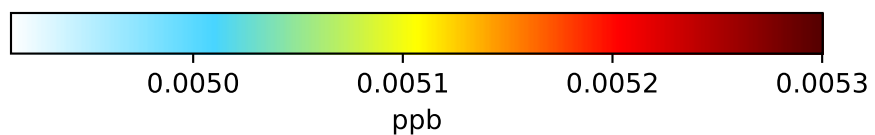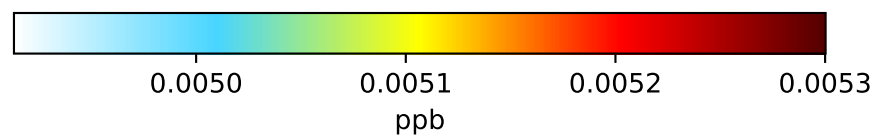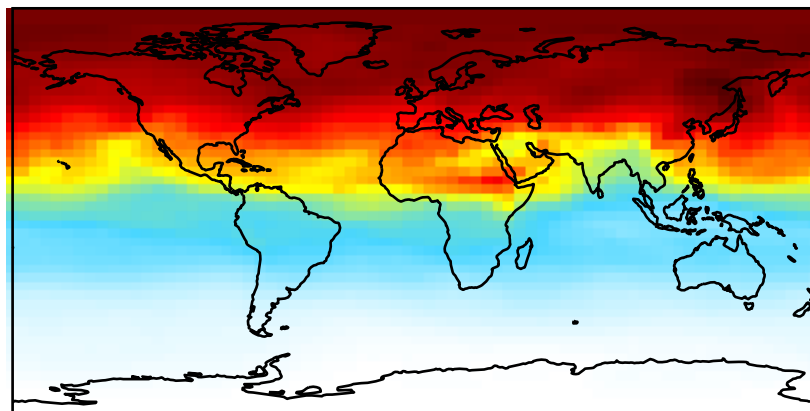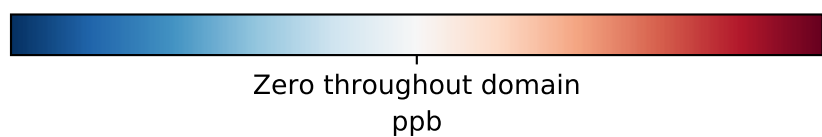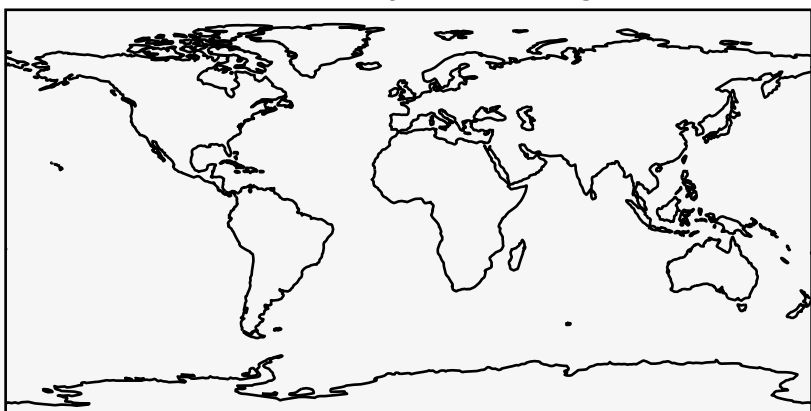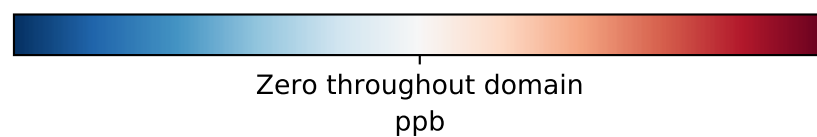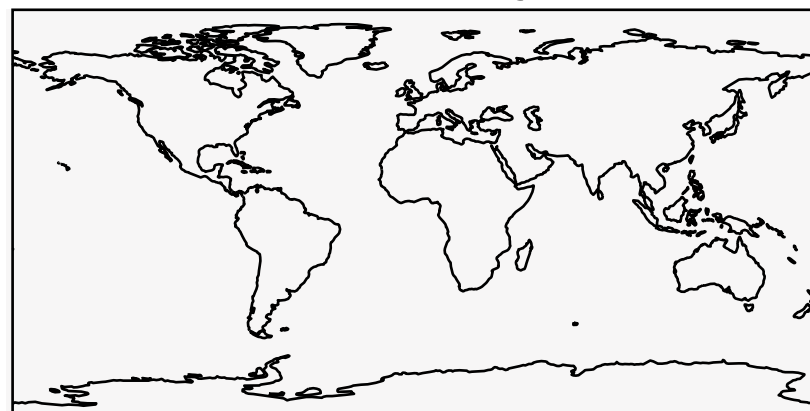# SpeciesConc_COAnthroEmis25dayTracer (Jul2016)
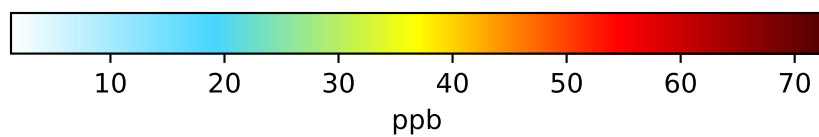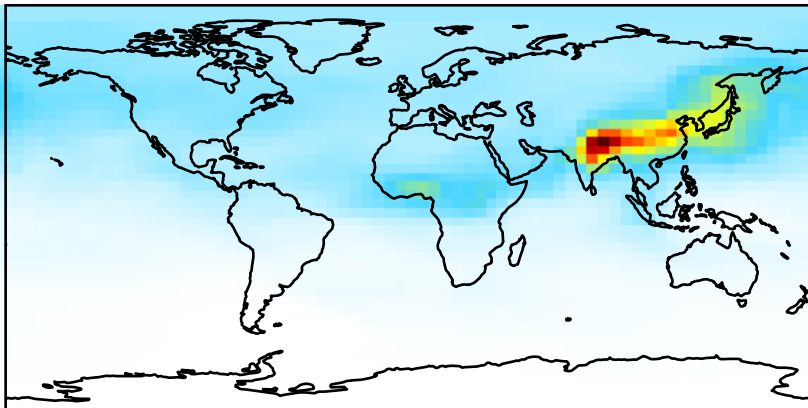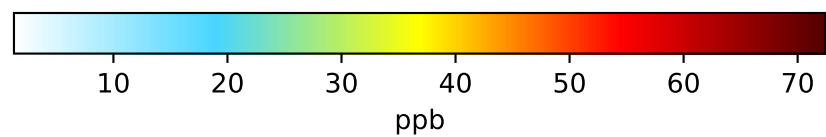
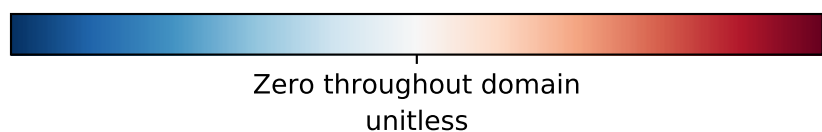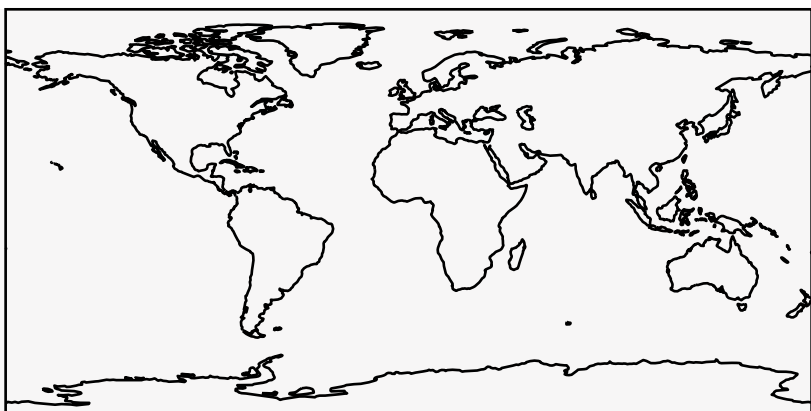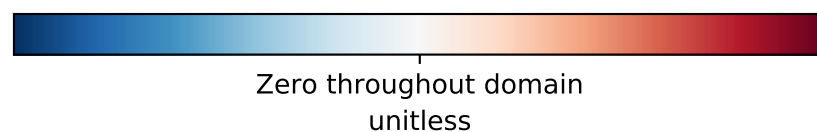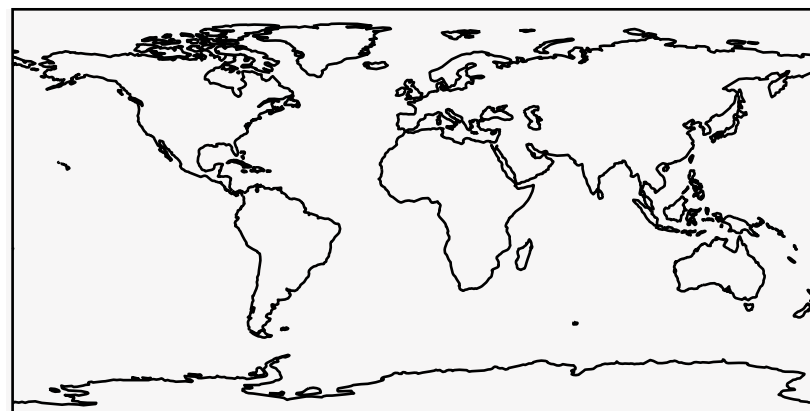Run0-StdWetDep (Ref)
4x5

Run1-LuoWetDep (Dev)
4x5

ppb

ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

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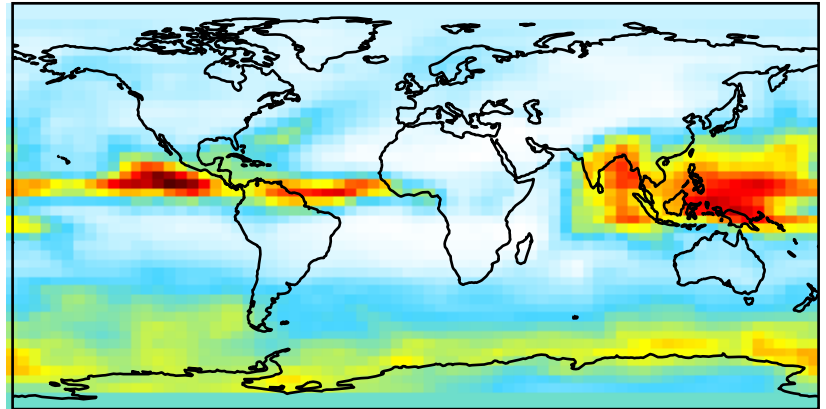
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Zero throughout domain
unitless

Zero throughout domain
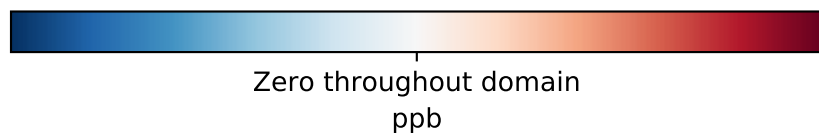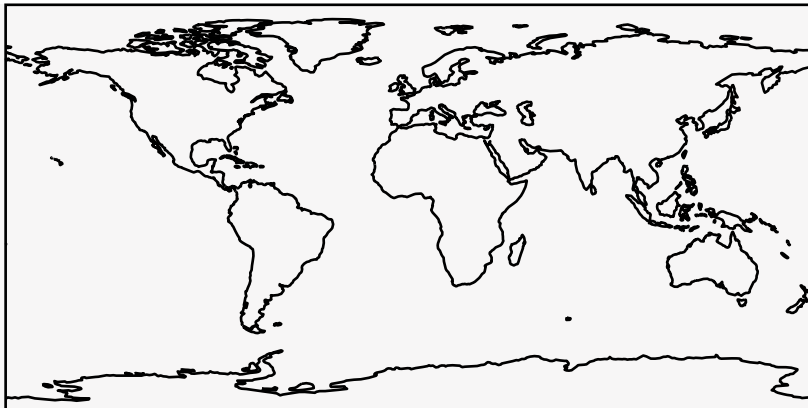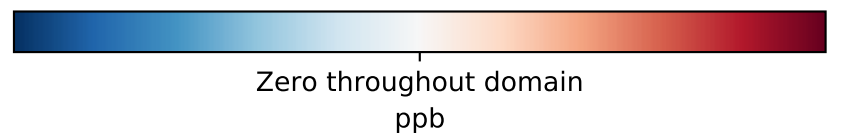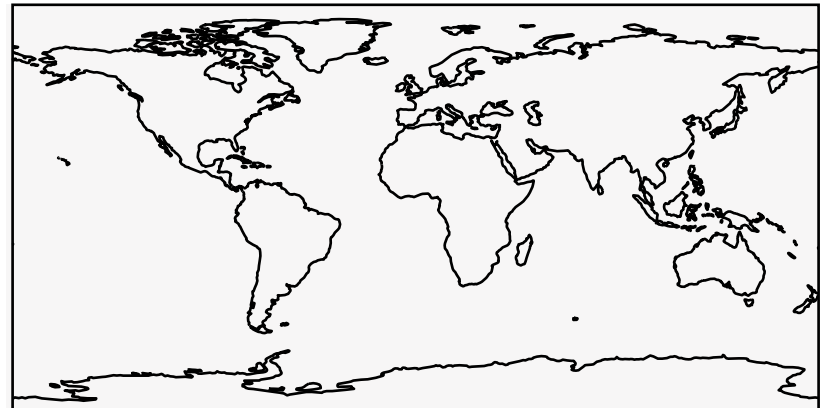unitless

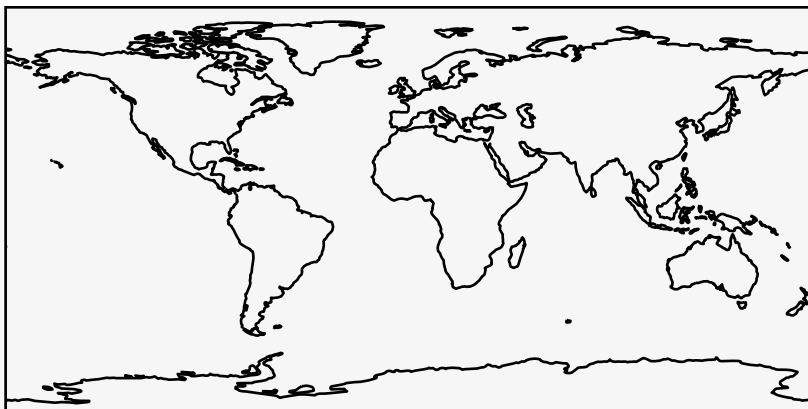# SpeciesConc_COAnthroEmis50dayTracer (Jul2016)
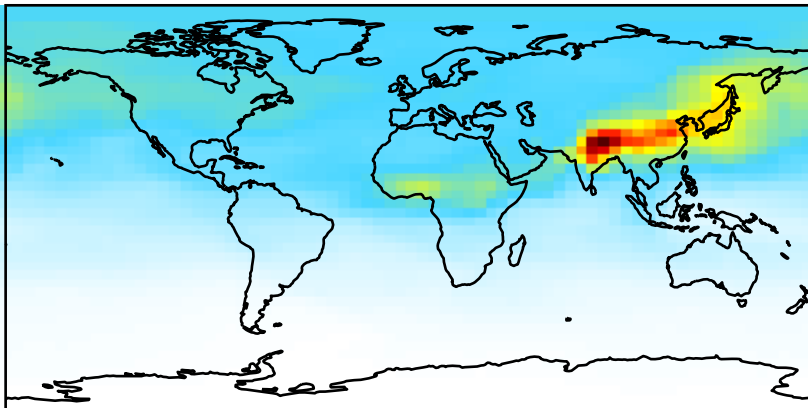
Run0-StdWetDep (Ref)
4x5

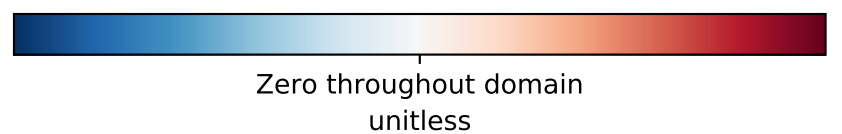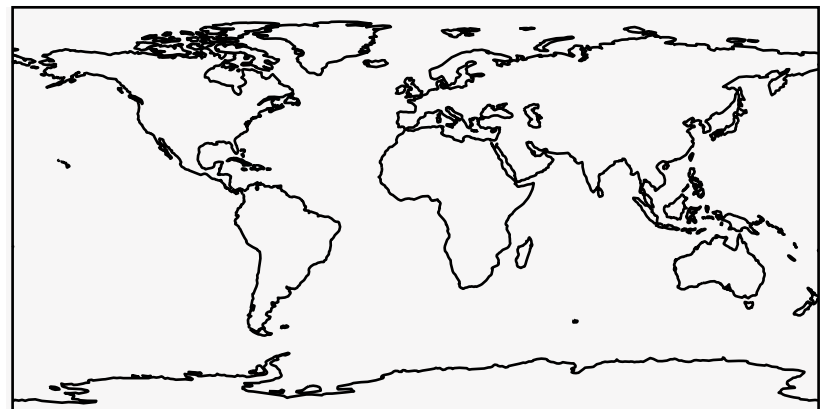Run1-LuoWetDep (Dev)
4x5

ppb

ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

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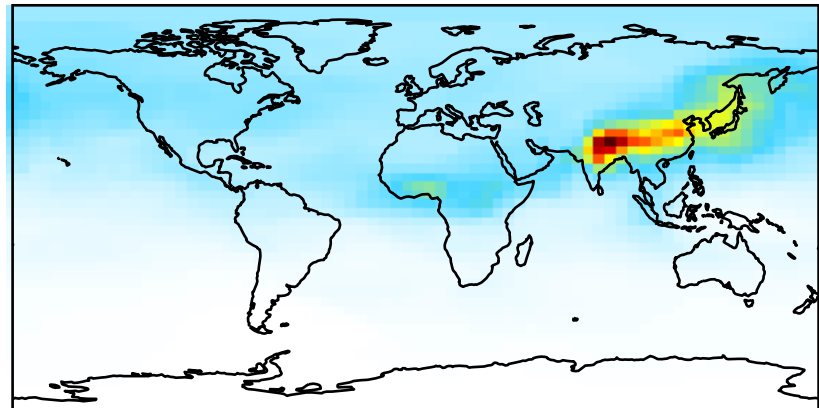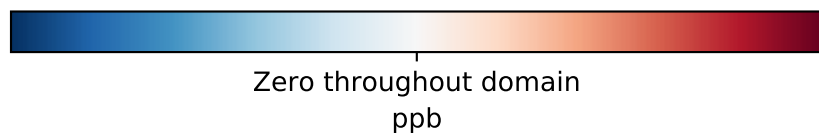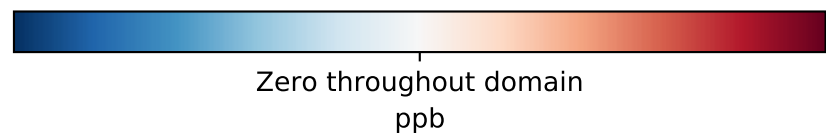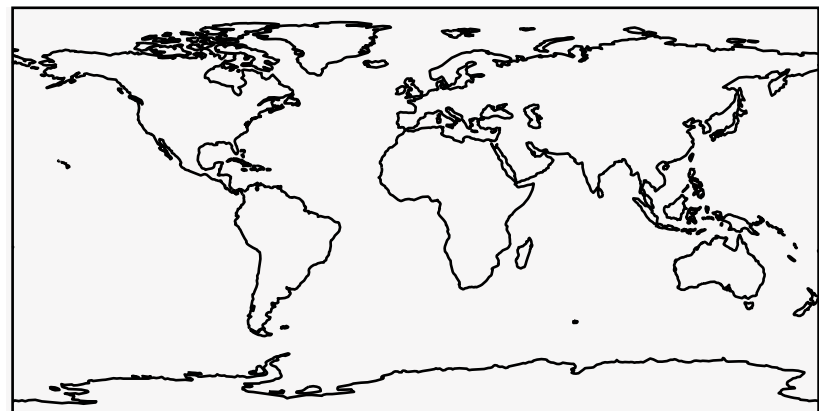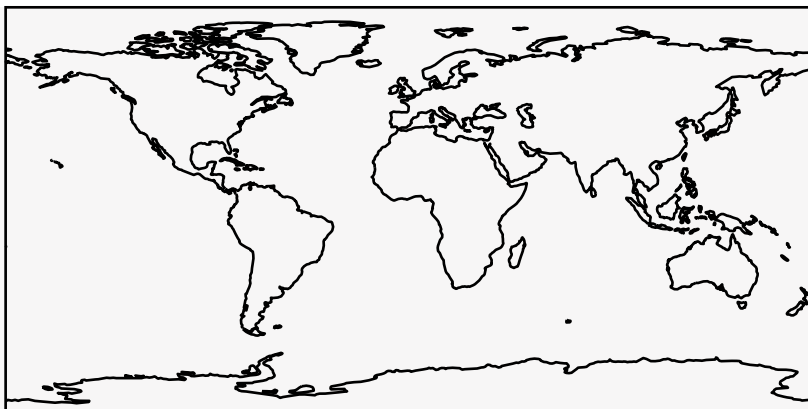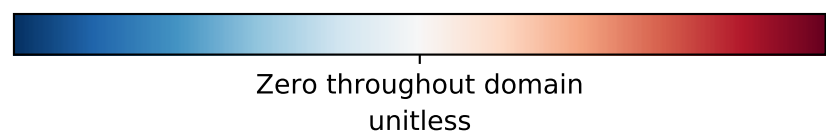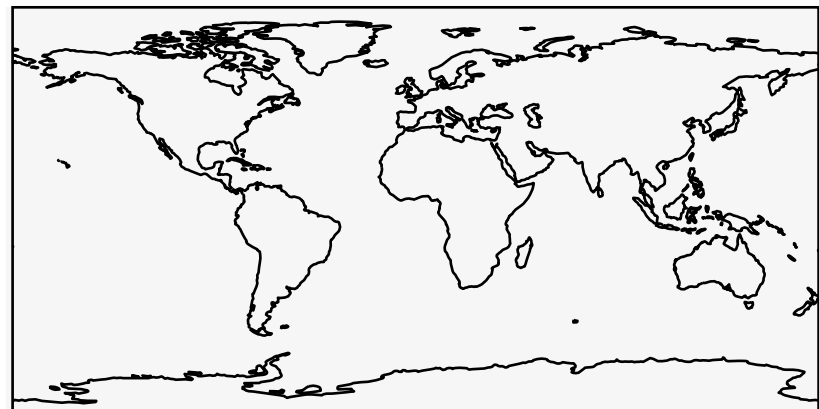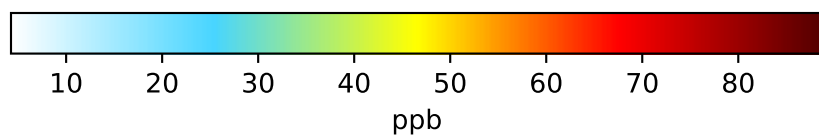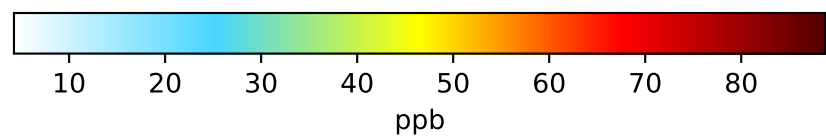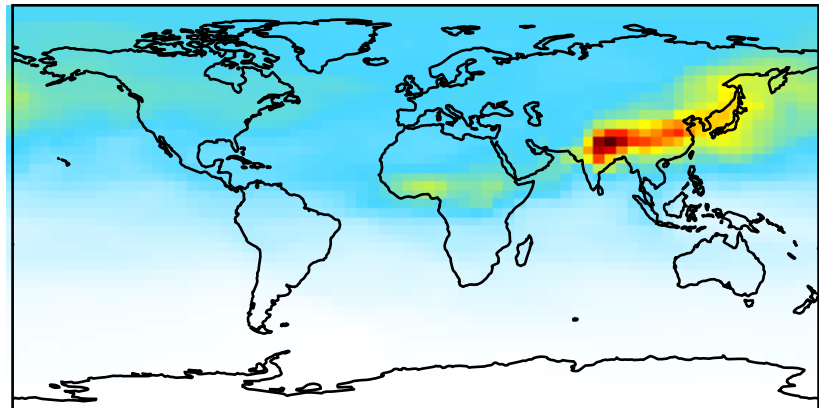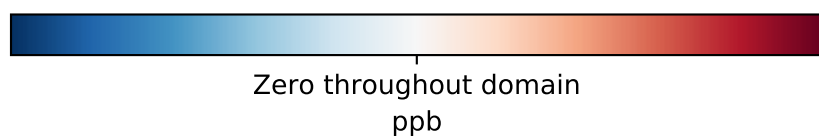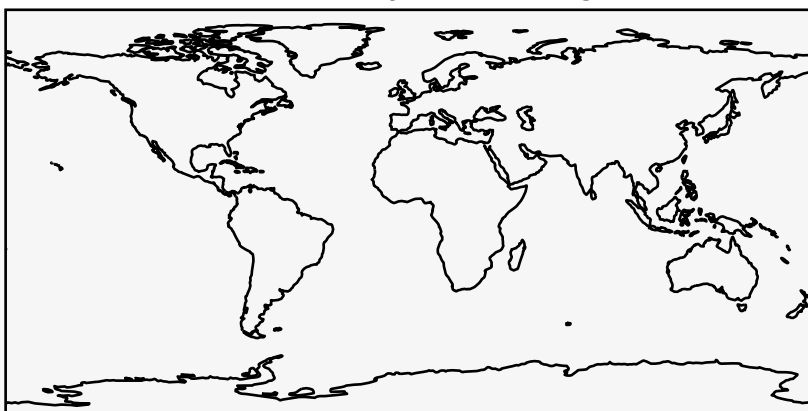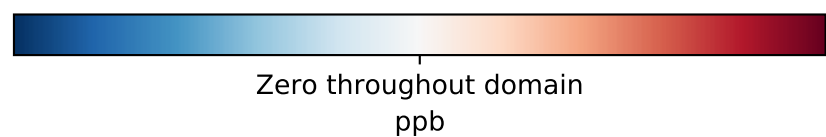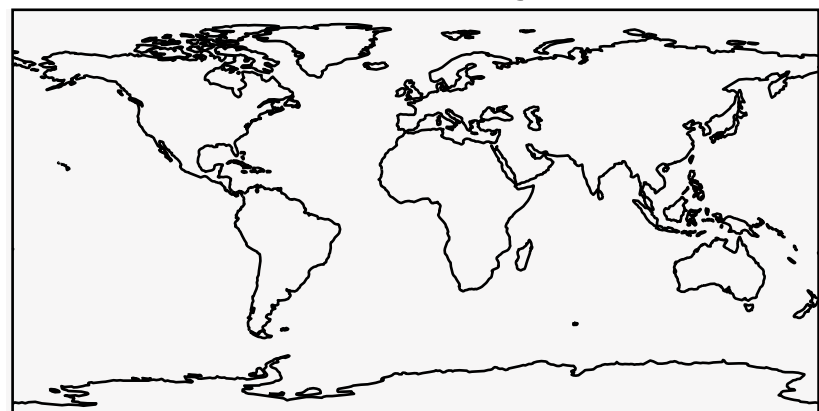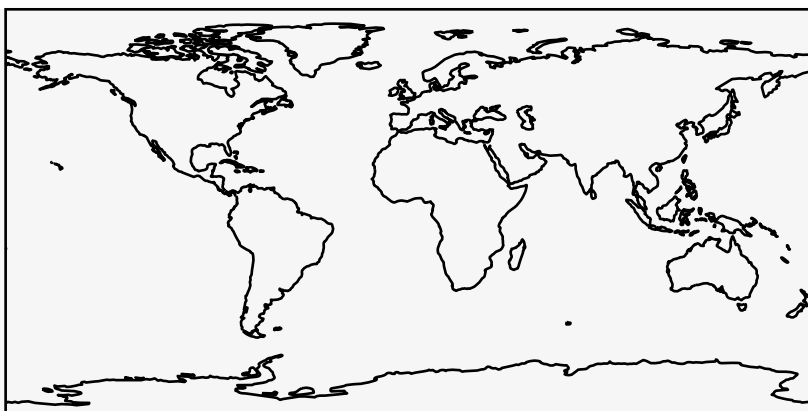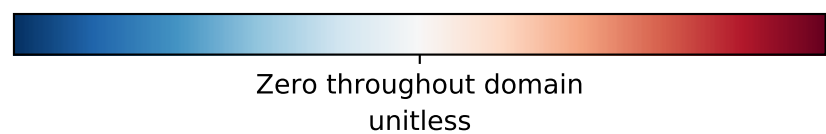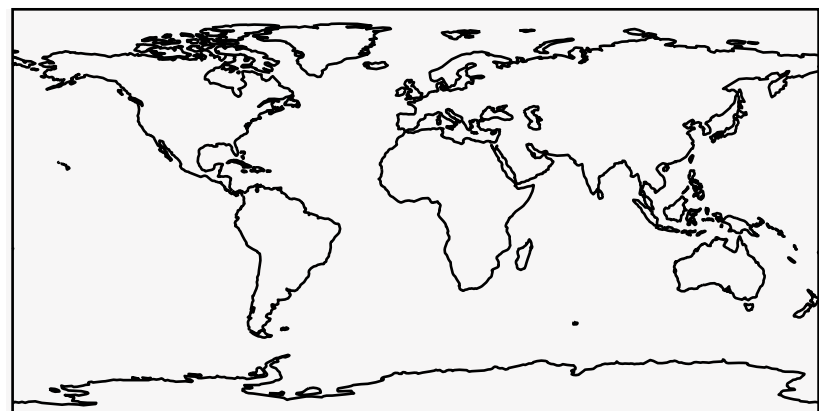
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Zero throughout domain
unitless

Zero throughout domain
unitless

SpeciesConc_COUniformEmis25dayTracer (Jul2016)
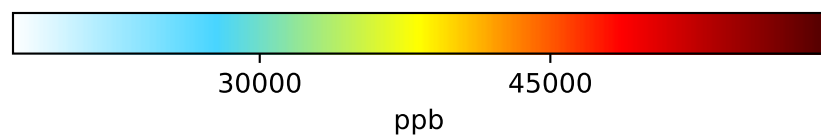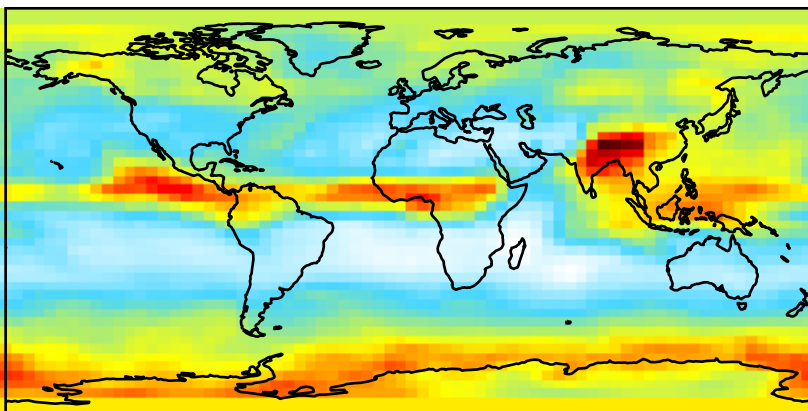
Run0-StdWetDep (Ref)
4x5

Run1-LuoWetDep (Dev)
4x5

30000   45000
ppb

30000   45000
ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

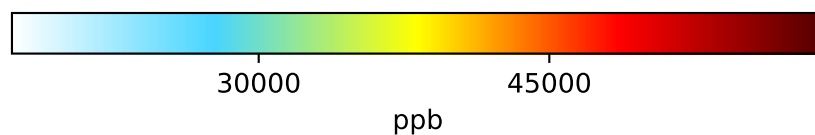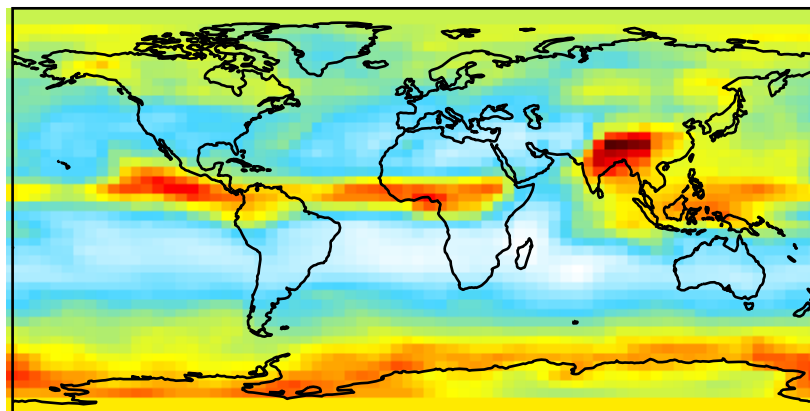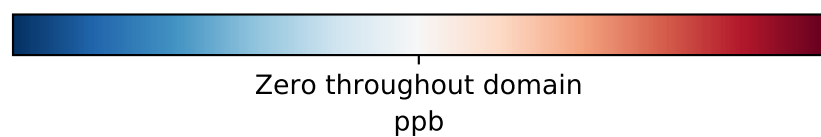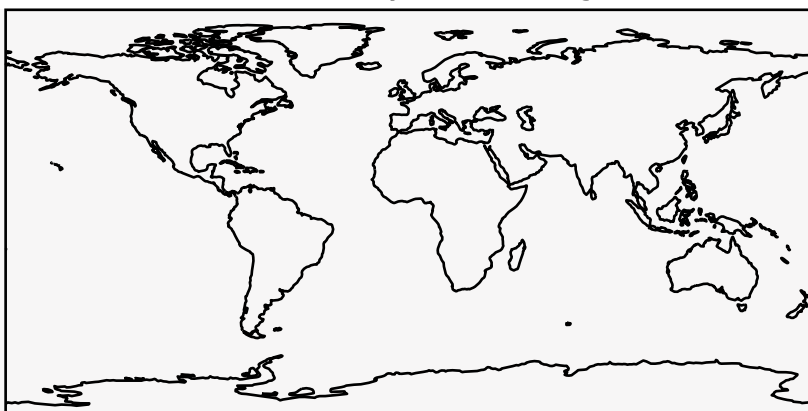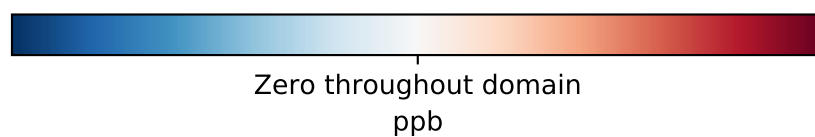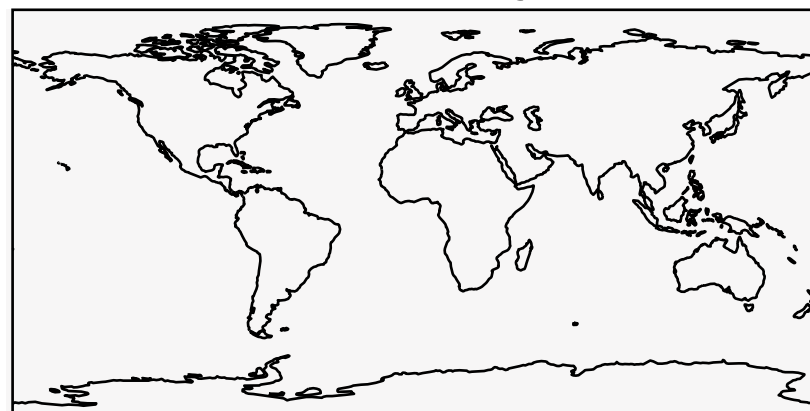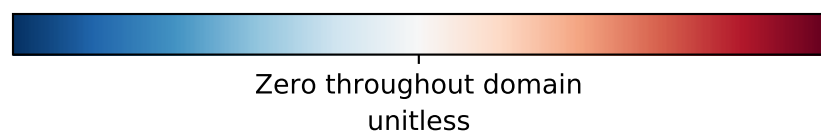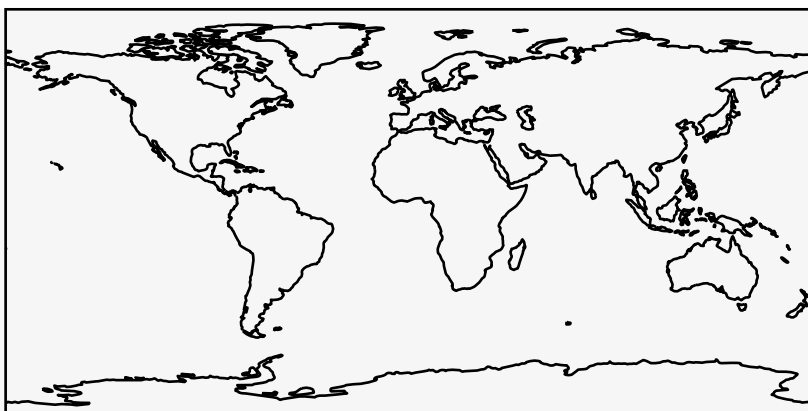Zero throughout domain
ppb

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

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

Zero throughout domain
unitless

Zero throughout domain
unitless

SpeciesConc_GlobEmis90dayTracer (Jul2016)
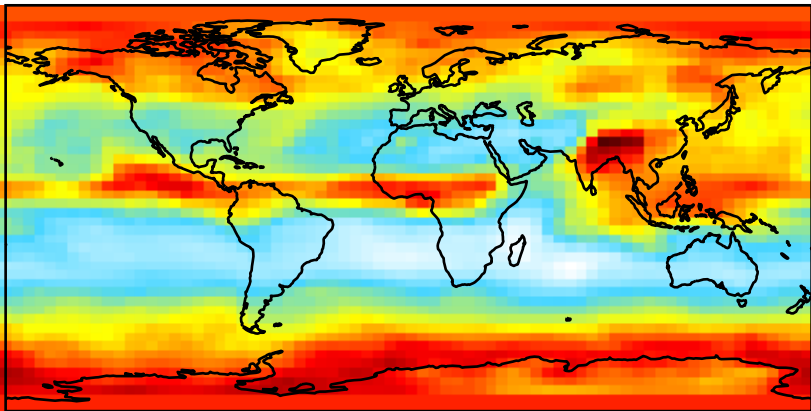
Run0-StdWetDep (Ref)
4x5

Run1-LuoWetDep (Dev)
4x5

75 80 85 90 95 100 105 110
ppb

75 80 85 90 95 100 105 110
ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

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

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

Zero throughout domain
unitless

Zero throughout domain
unitless

SpeciesConc_NHEmis90dayTracer (Jul2016)
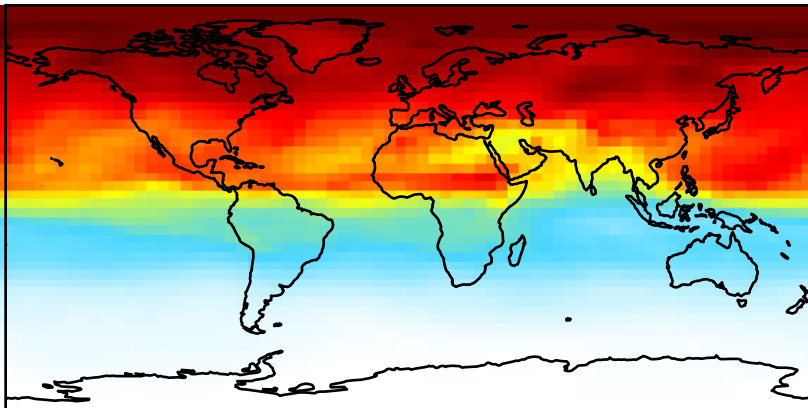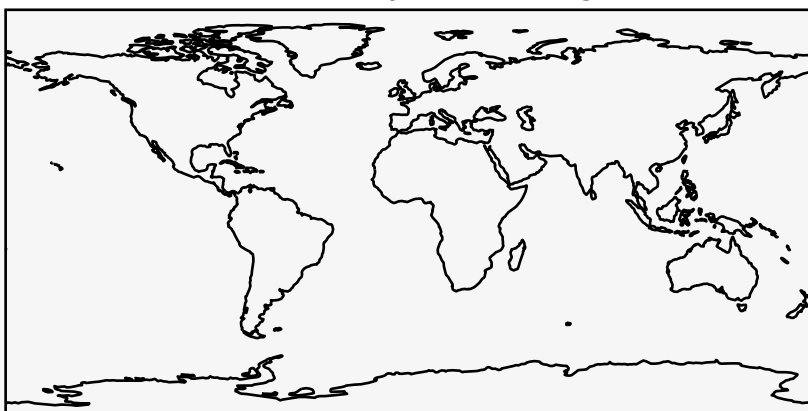
SpeciesConc_SHEmis90dayTracer (Jul2016)

Run0-StdWetDep (Ref)
4x5

Run1-LuoWetDep (Dev)
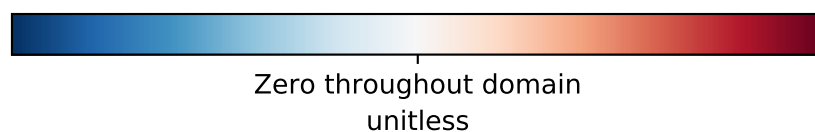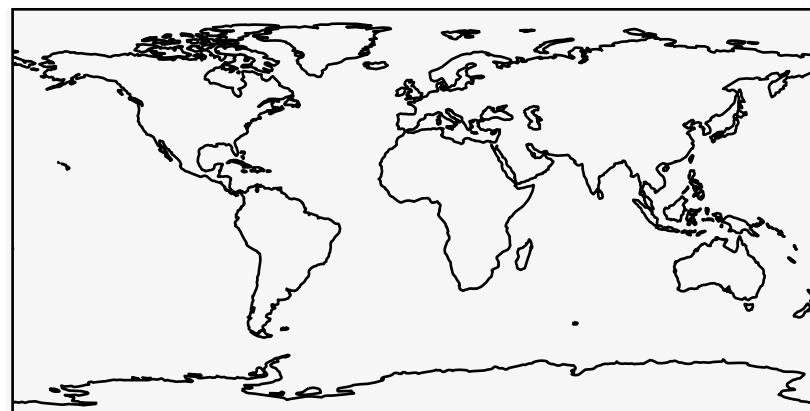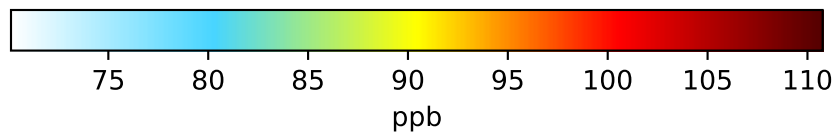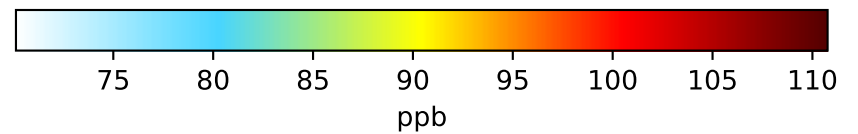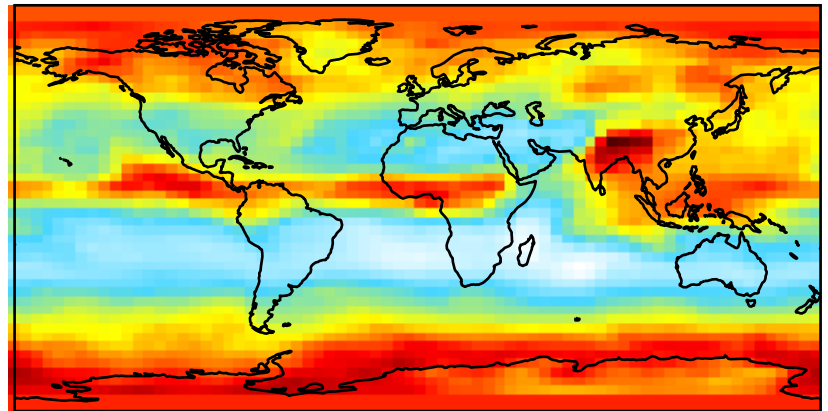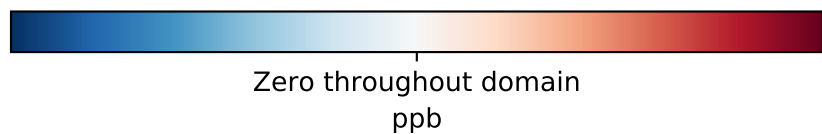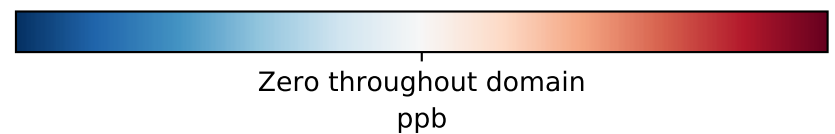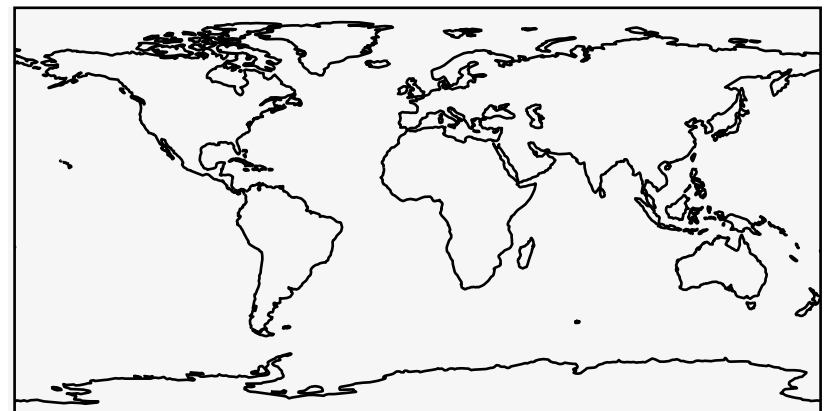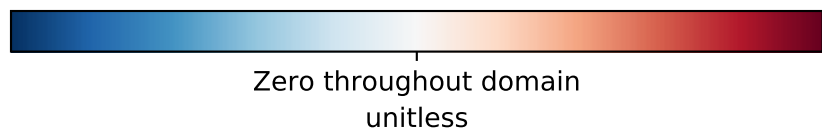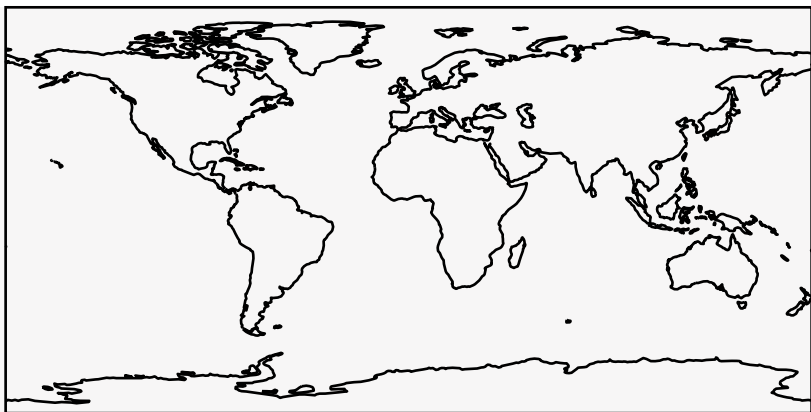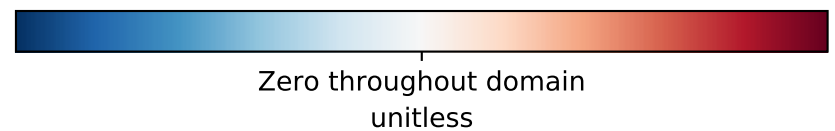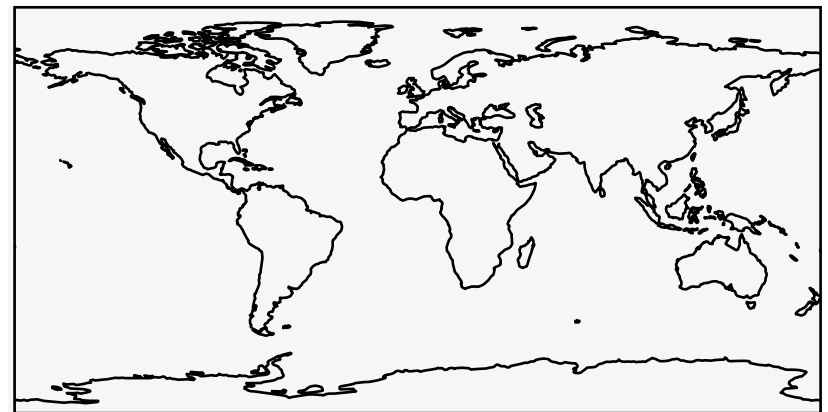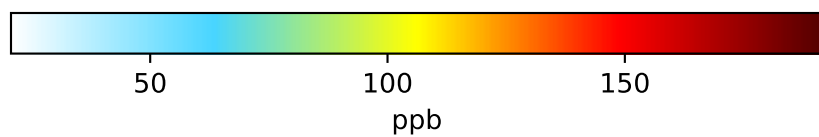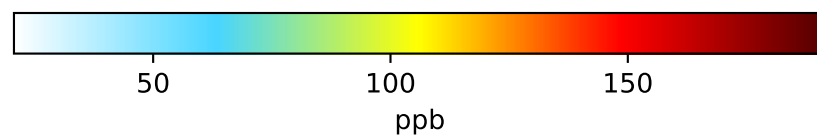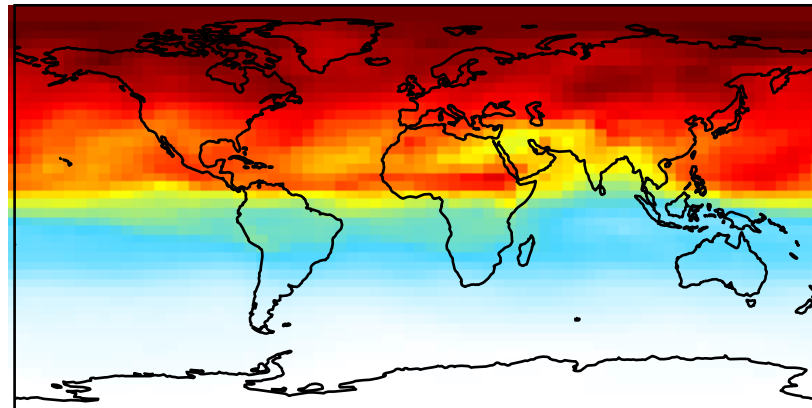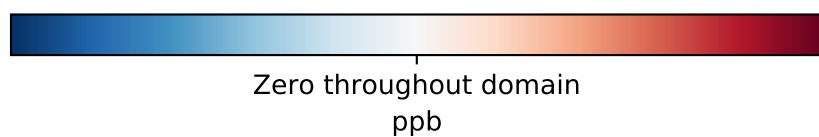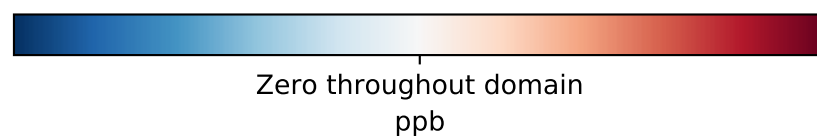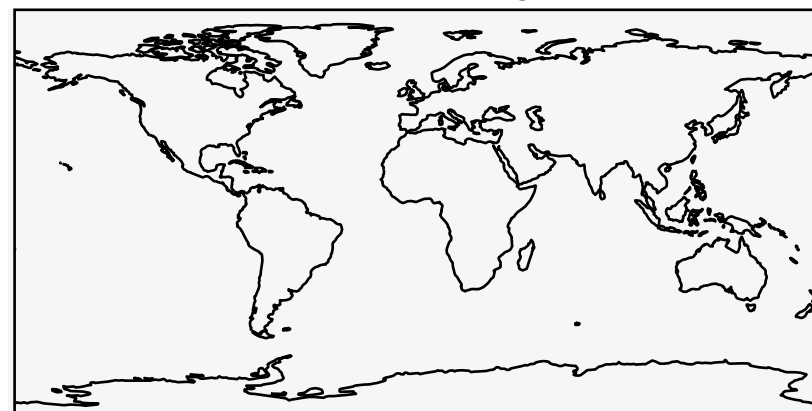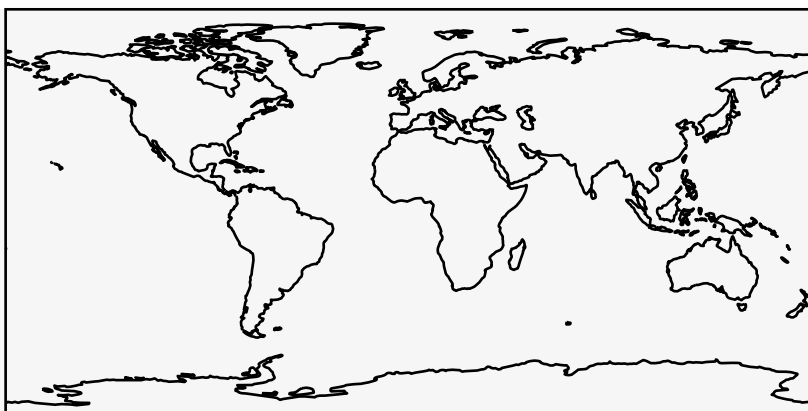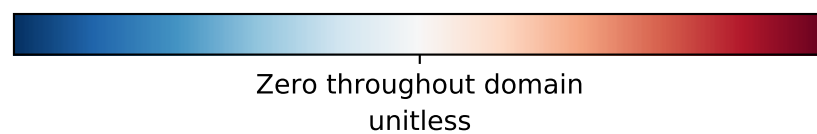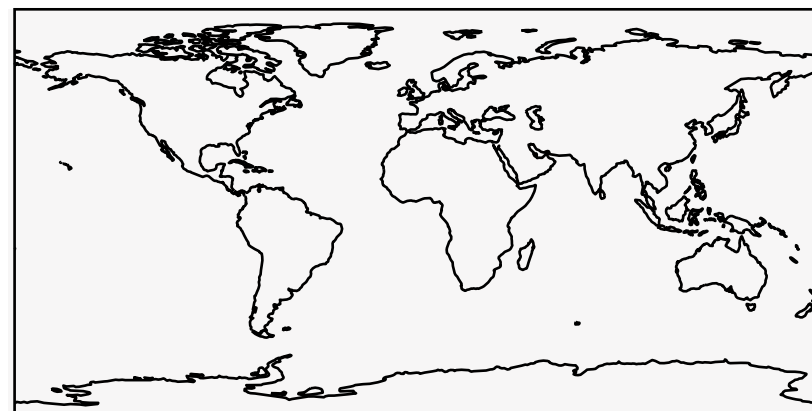4x5

ppb

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
ppb

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

Zero throughout domain
ppb

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

Zero throughout domain
unitless

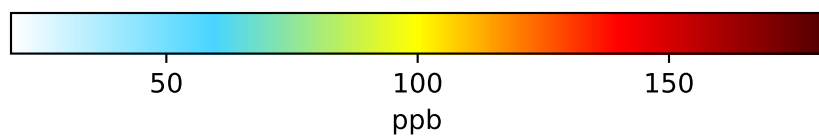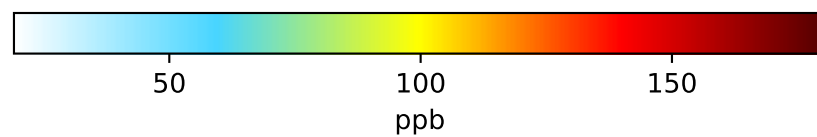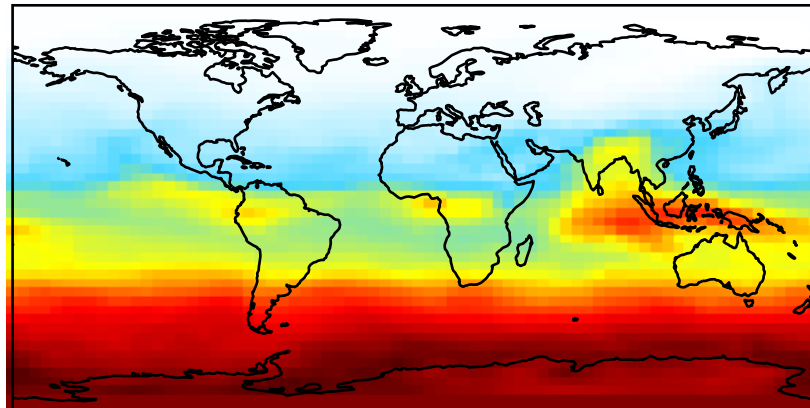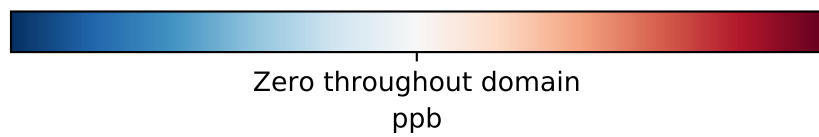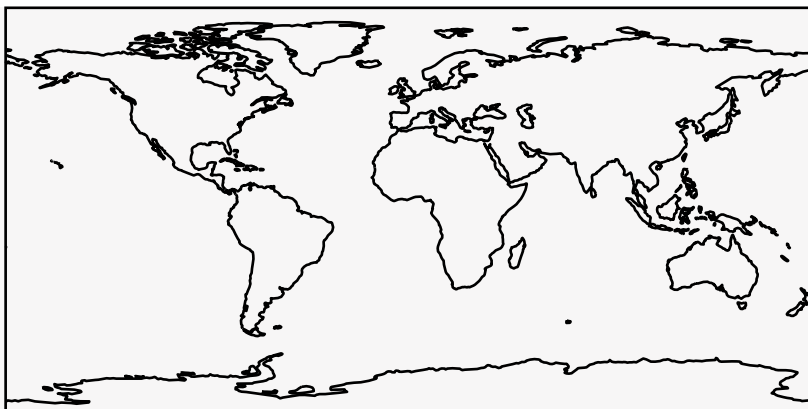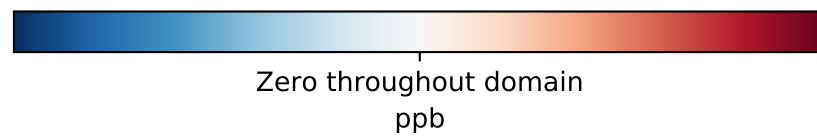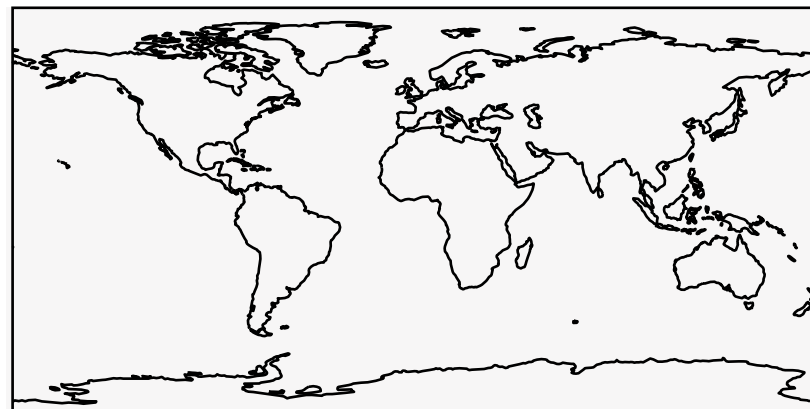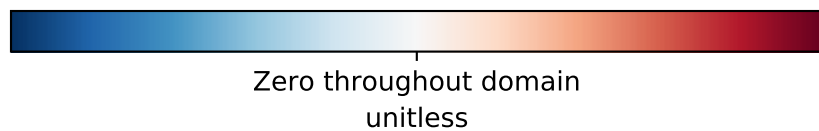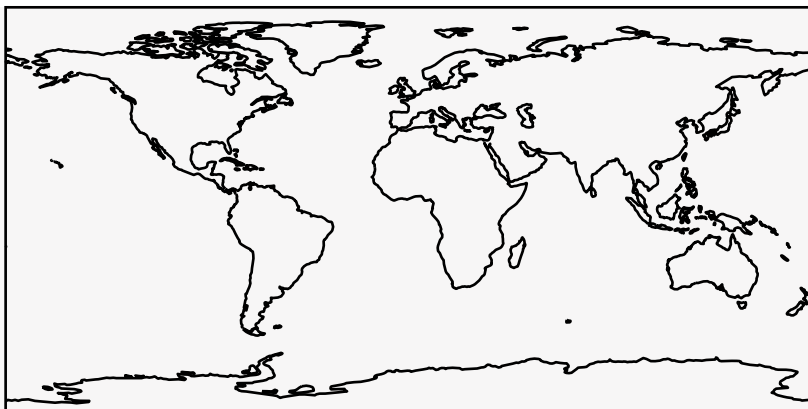### Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Zero throughout domain
unitless