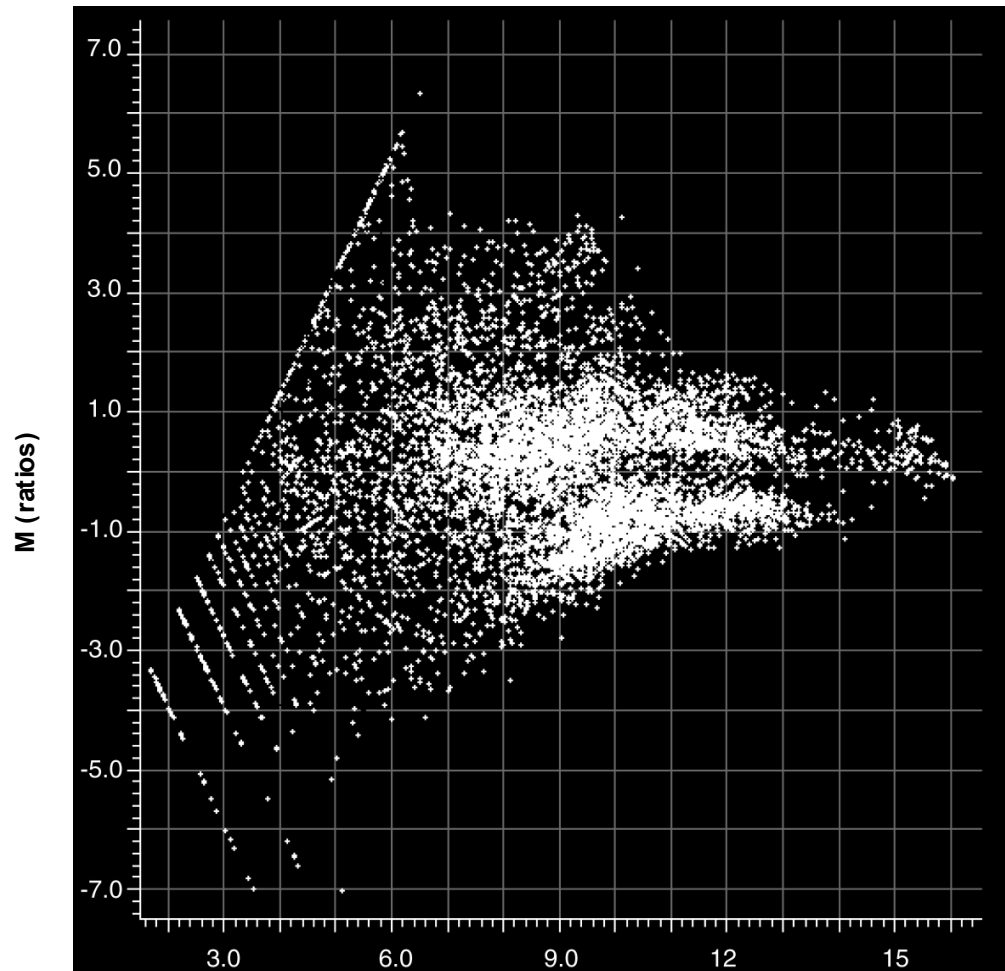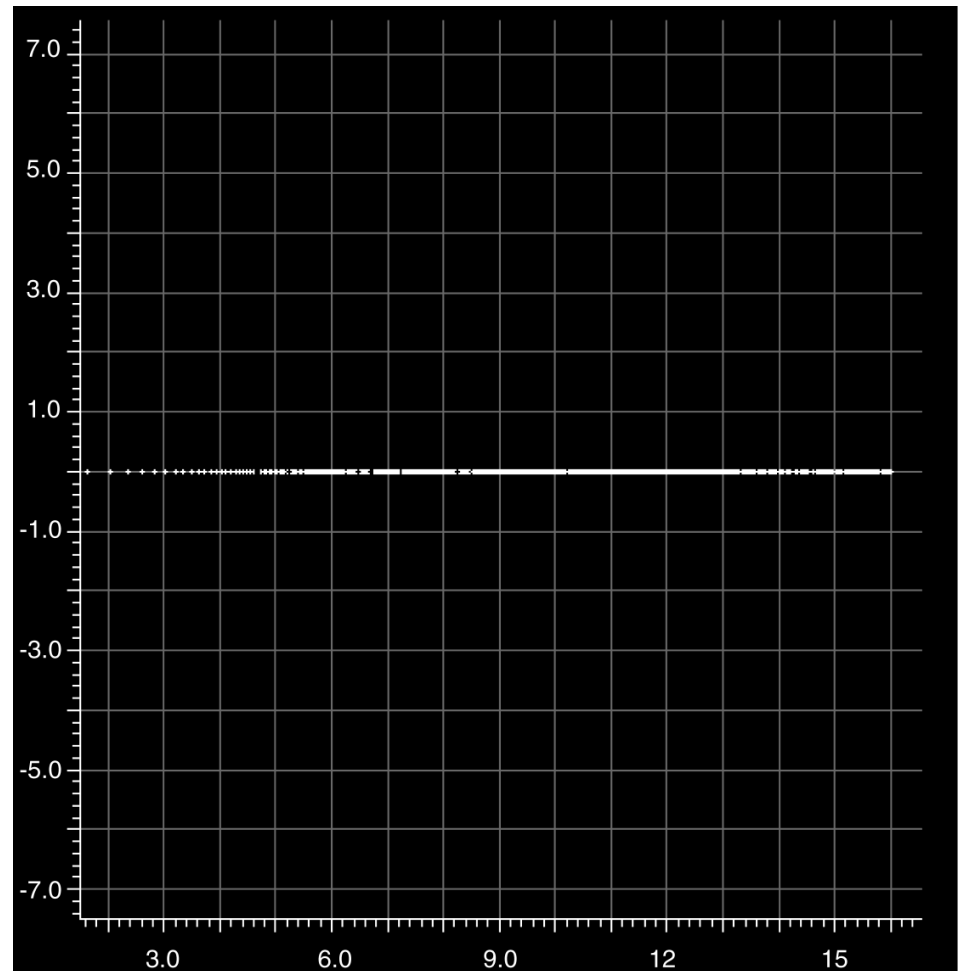**Additional data file 6. MA plots of raw and normalised microarray data (ibuprofen-exposed *D. magna*)***

Raw data (0 mg IB l⁻¹ replicate 1)
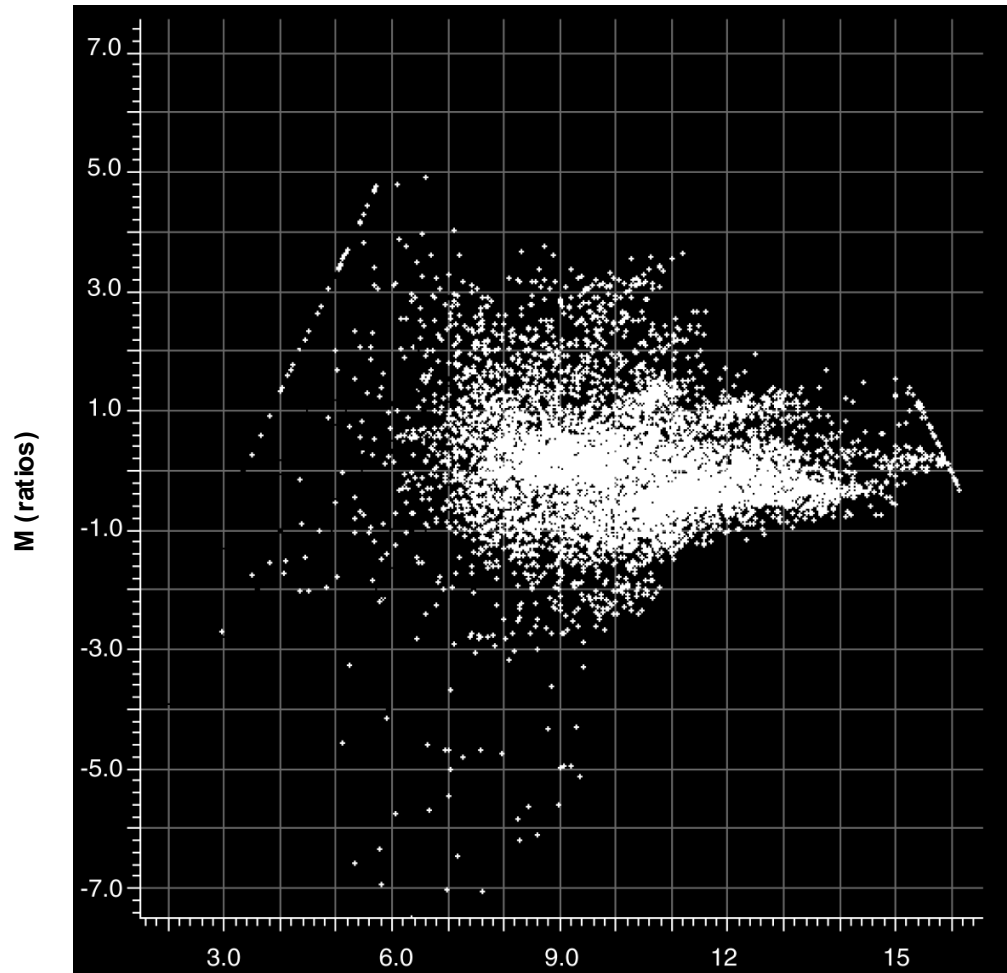
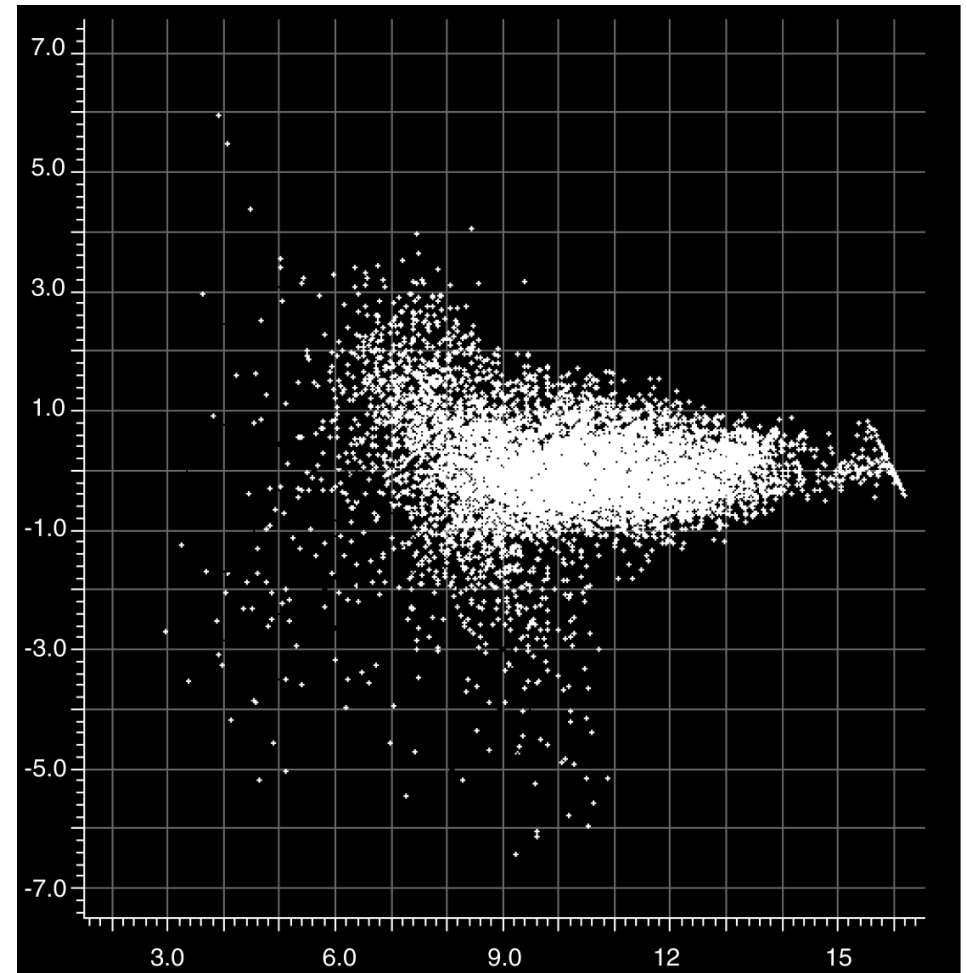**Normalised data (0 mg IB l⁻¹ replicate 1)**

M (ratios)

A (intensities)

MA plots continued.

Raw data (20 mg IB l^{-1} replicate 1)

Normalised data (20 mg IB l^{-1} replicate 1)

M (ratios)

A (intensities)

Raw data (40 mg IB l^{-1} replicate 1)

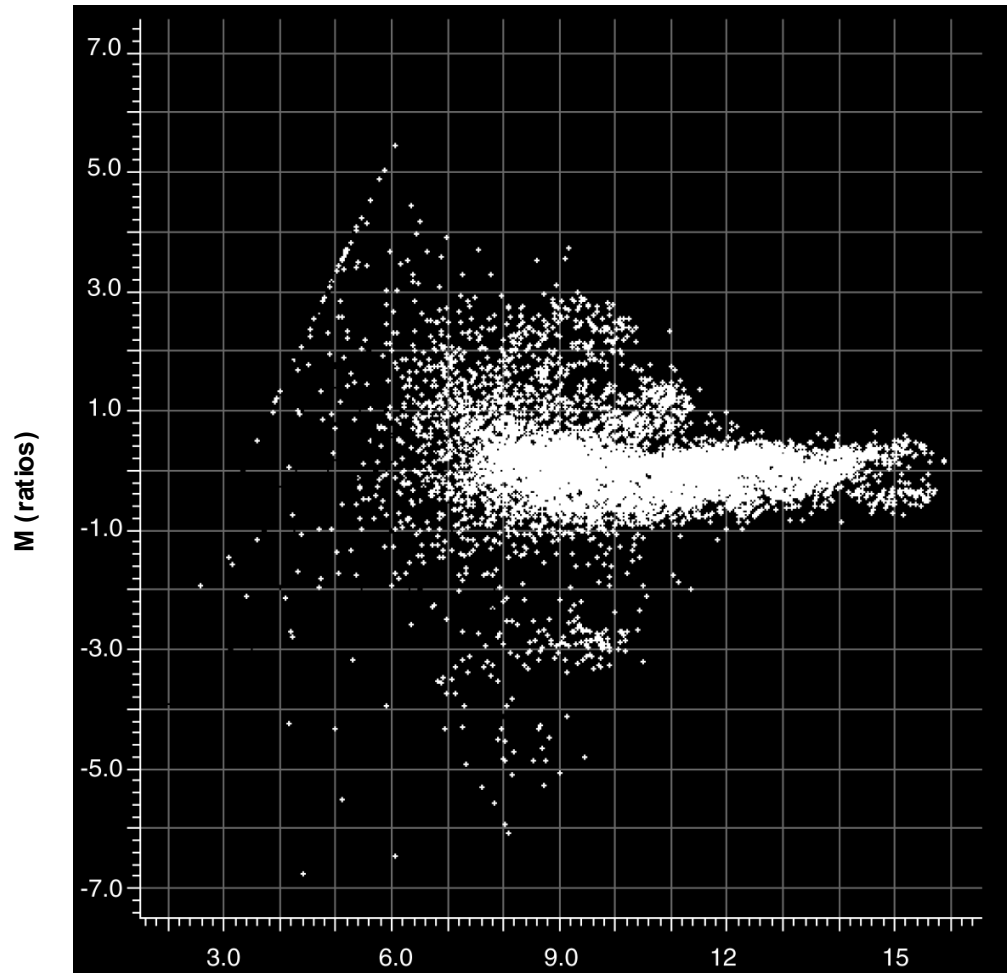**Normalised data (40 mg IB l^{-1} replicate 1)**

MA plots continued.

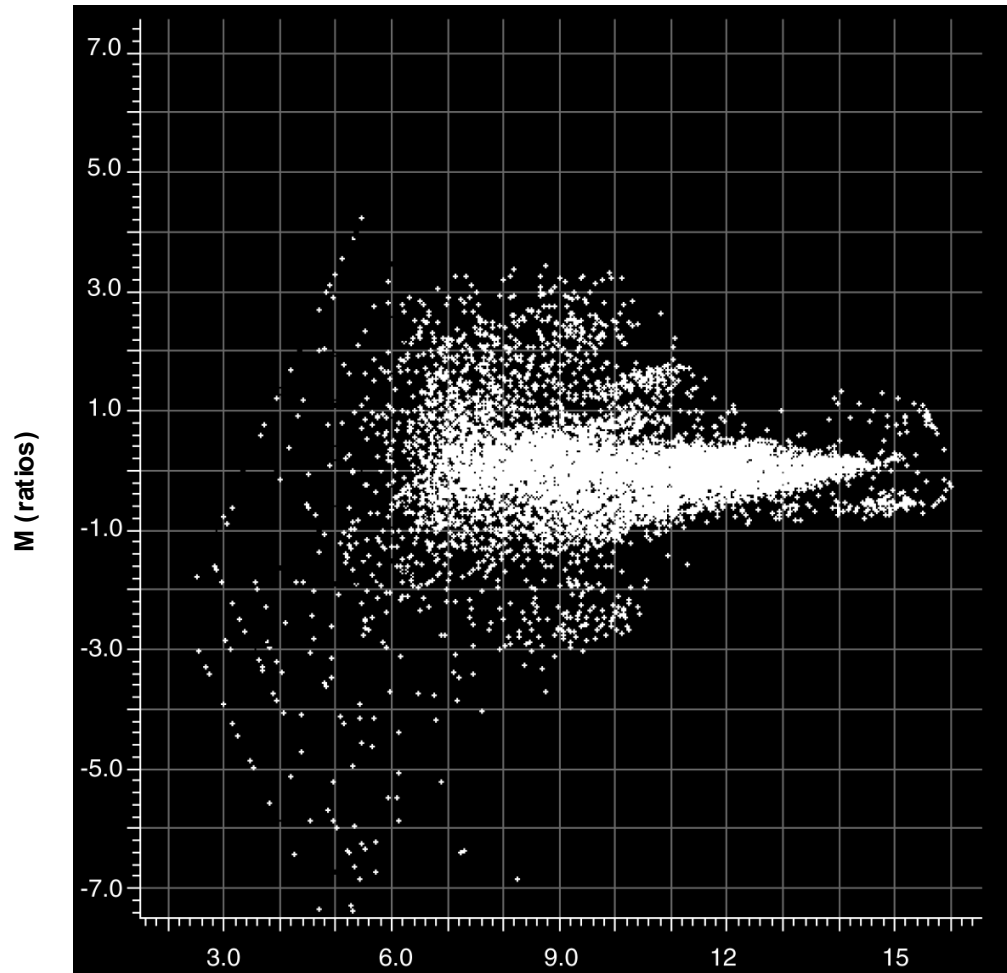Raw data (80 mg IB l^{-1} replicate 1)   Normalised data (80 mg IB l^{-1} replicate 1)

M (ratios)

A (intensities)

MA plots continued.

Raw data (0 mg IB l^{-1} replicate 2)

Normalised data (0 mg IB l^{-1} replicate 2)

M (ratios)

A (intensities)

MA plots continued.

Raw data (20 mg IB l^{-1} replicate 2)

Normalised data (20 mg IB l^{-1} replicate 2)

M (ratios)

A (intensities)

MA plots continued.

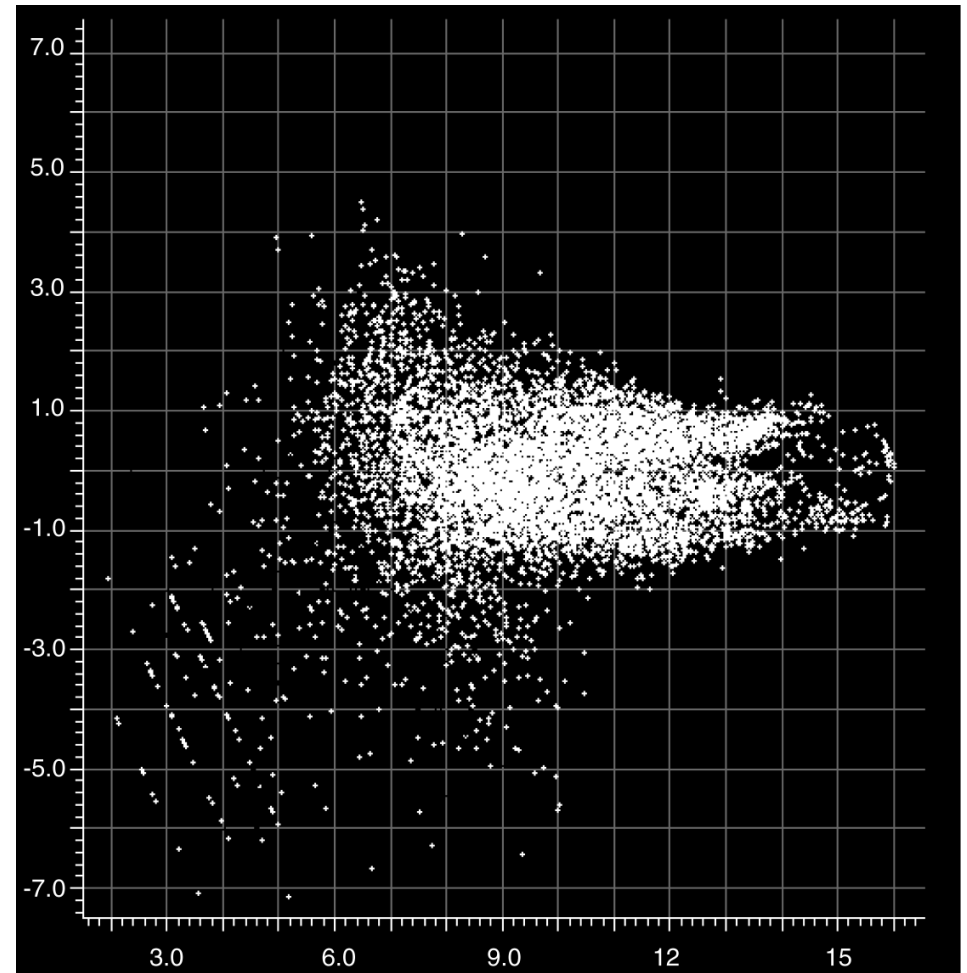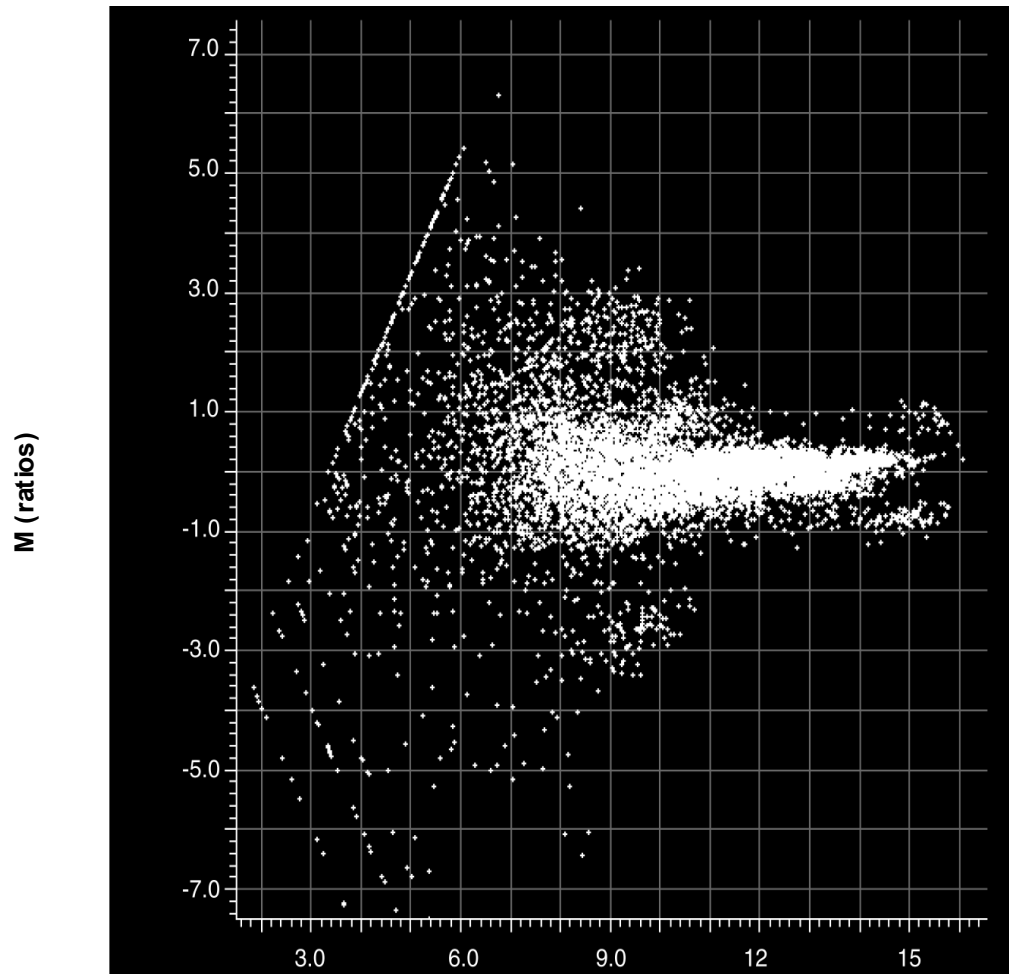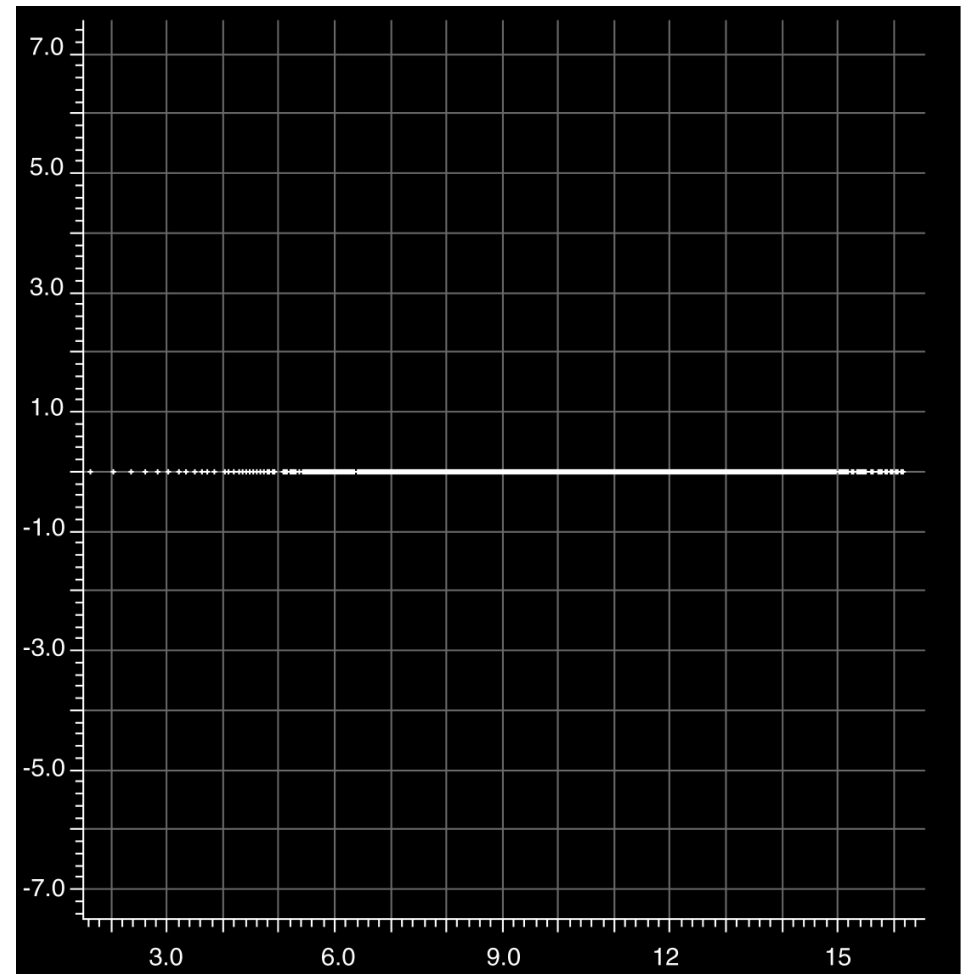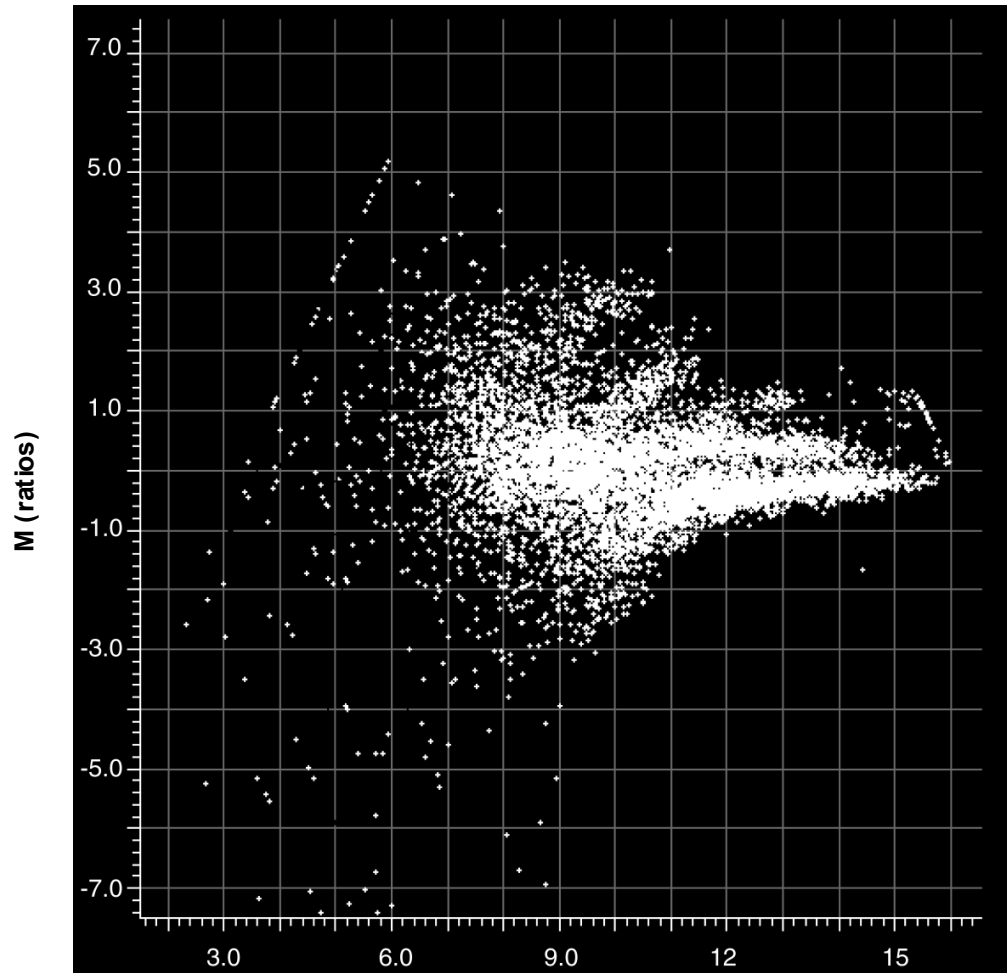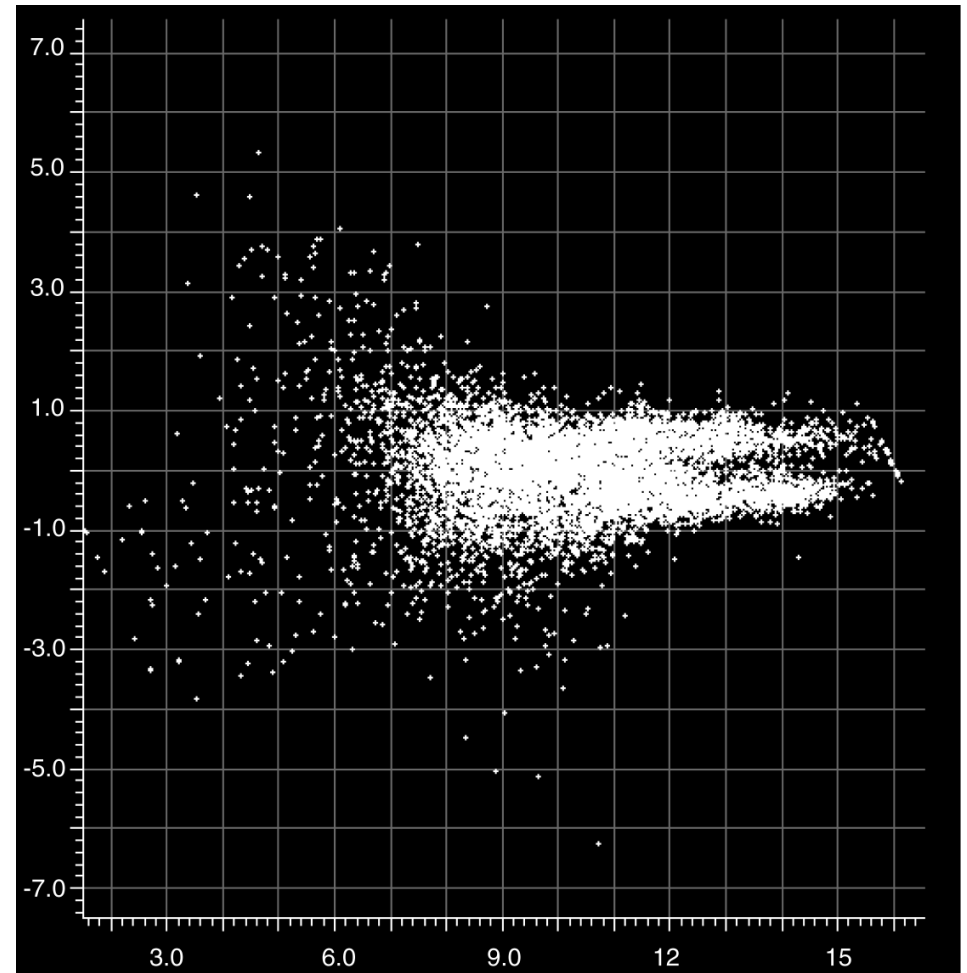Raw data (40 mg IB l^{-1} replicate 2)   Normalised data (40 mg IB l^{-1} replicate 2)

M (ratios)

A (intensities)

MA plots continued.

Raw data (0 mg IB l^{-1} replicate 3)

Normalised data (0 mg IB l^{-1} replicate 3)

M (ratios)

A (intensities)

MA plots continued.

Raw data (20 mg IB l^{-1} replicate 3)

Normalised data (20 mg IB l^{-1} replicate 3)

M (ratios)

A (intensities)

MA plots continued.
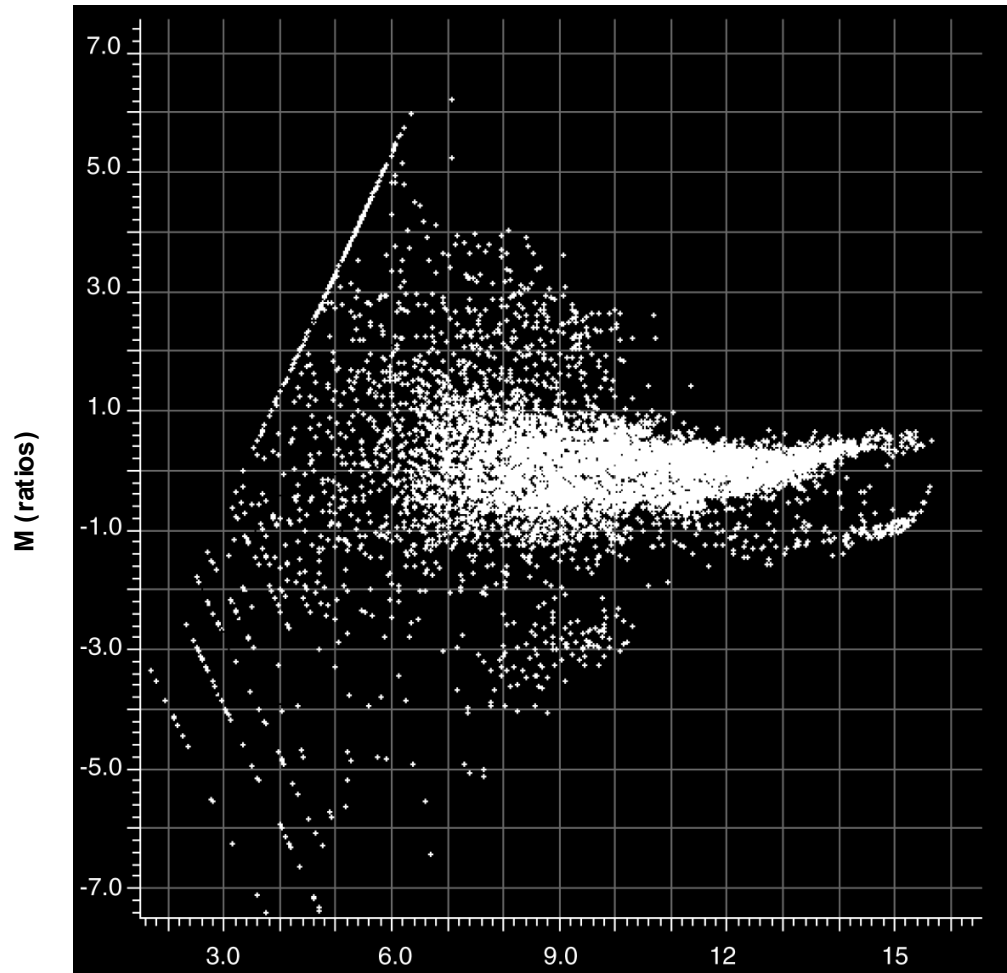
Raw data (40 mg IB l^{-1} replicate 3)

Normalised data (40 mg IB l^{-1} replicate 3)

A (intensities)

MA plots continued.

Raw data (80 mg IB l^{-1} replicate 3)
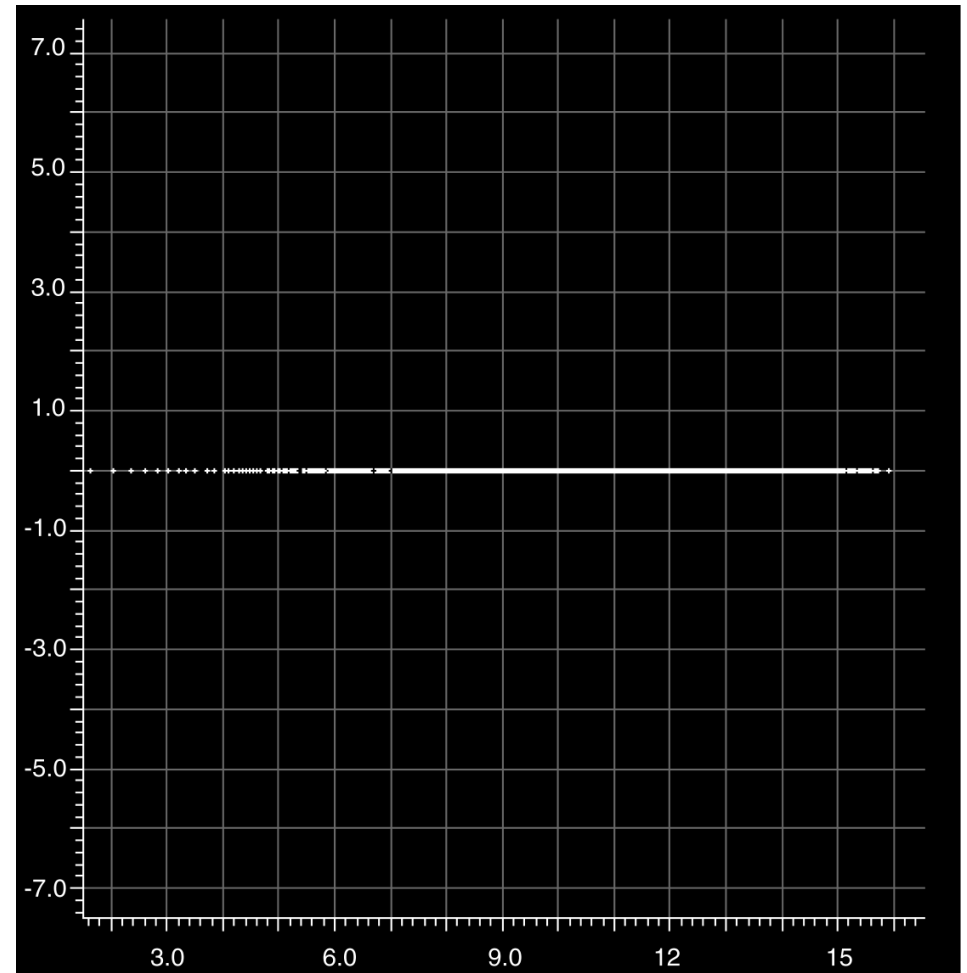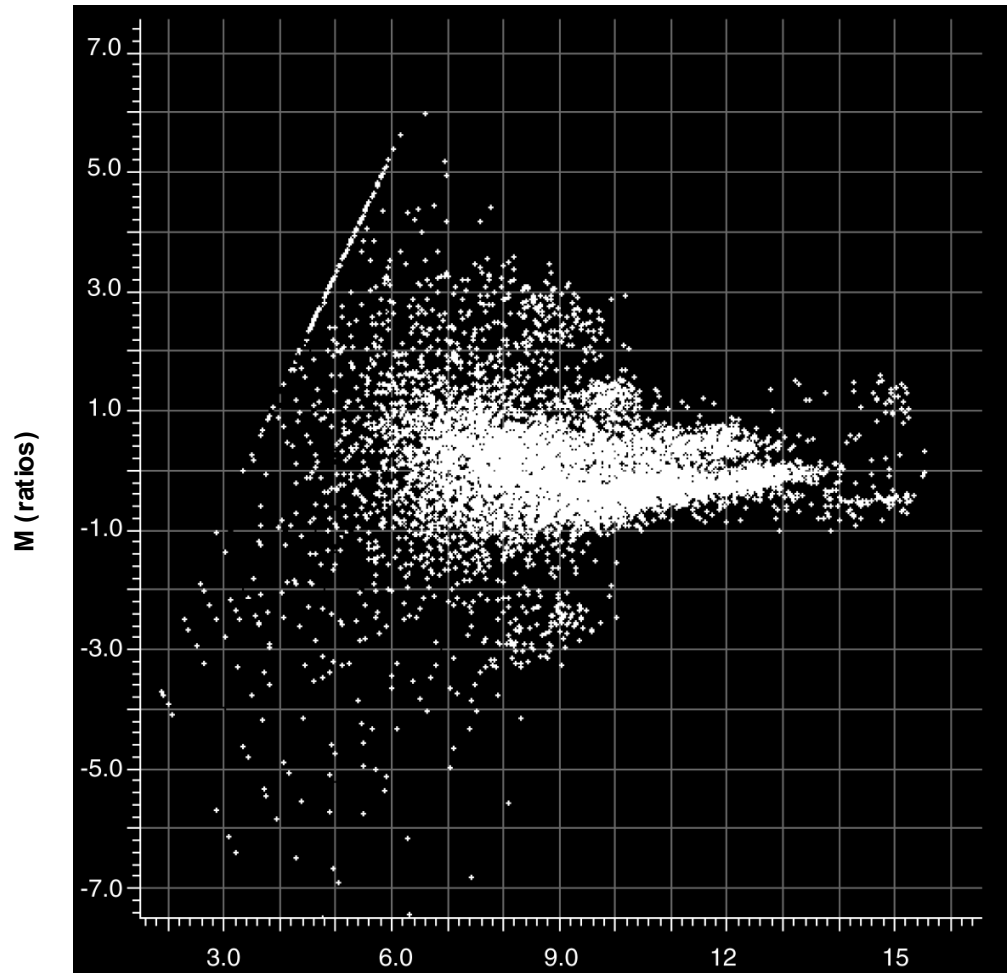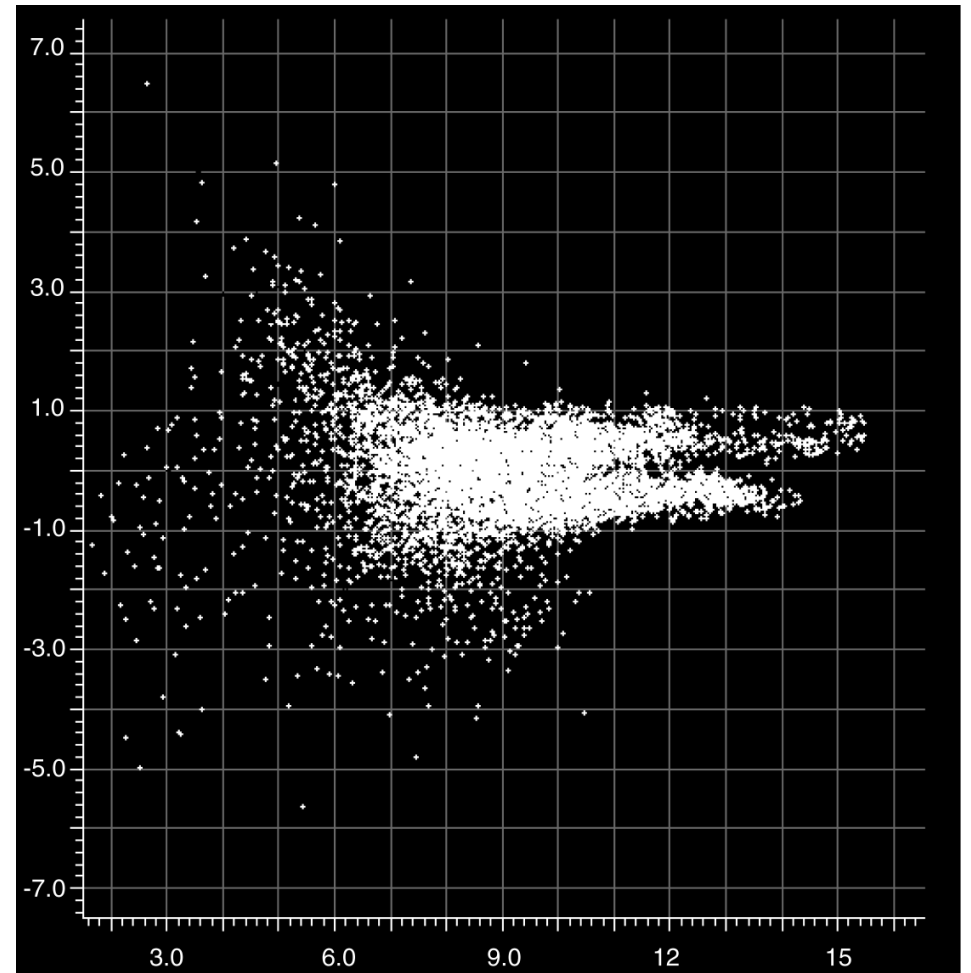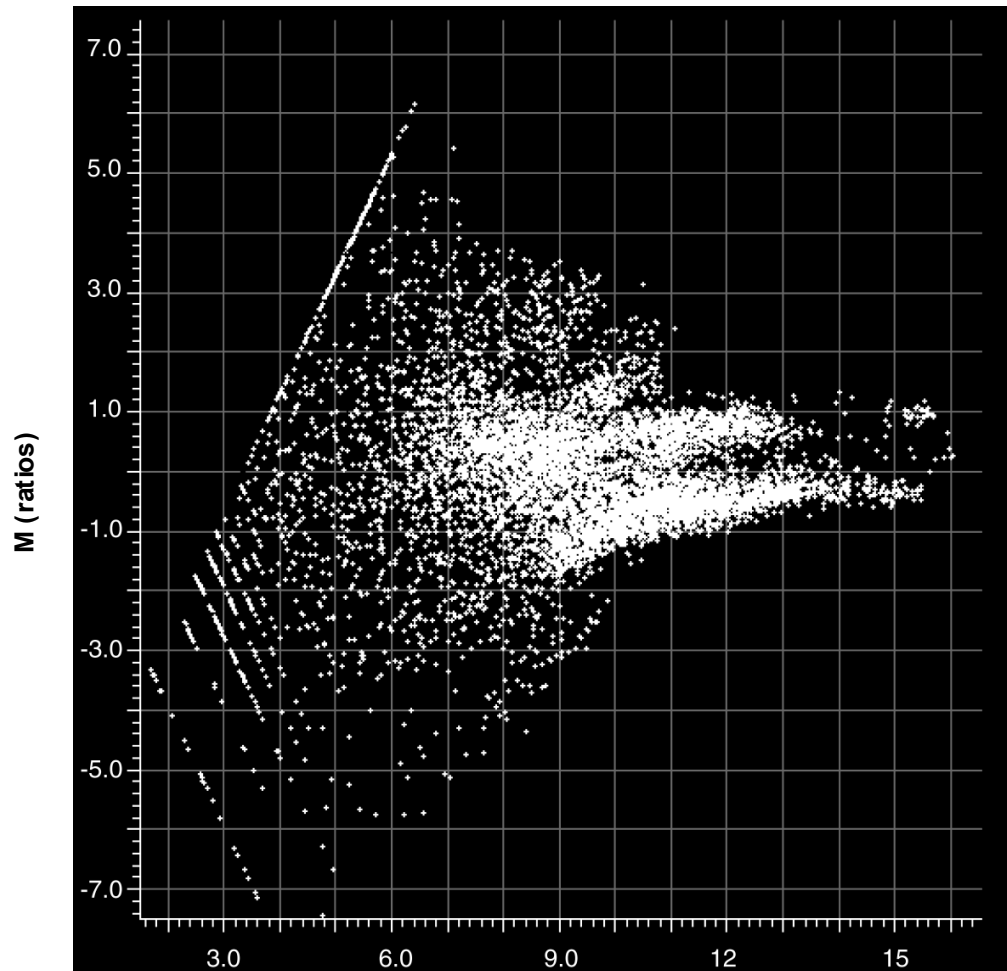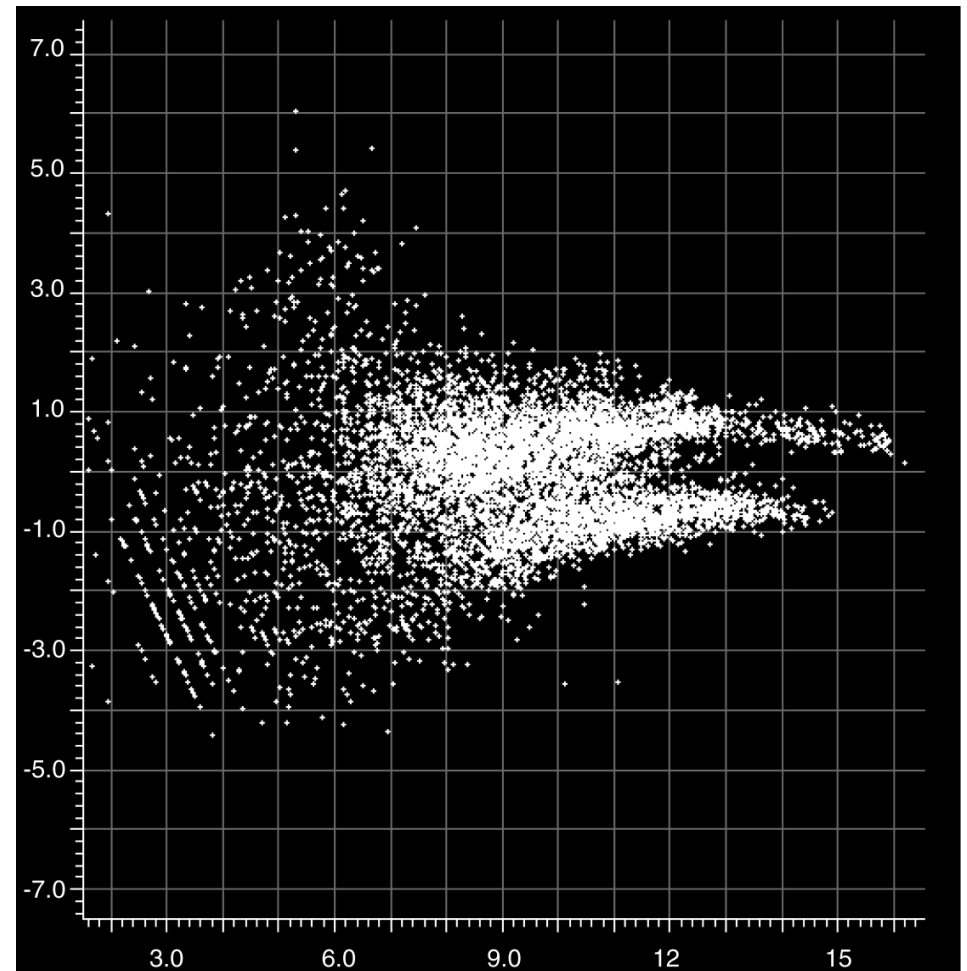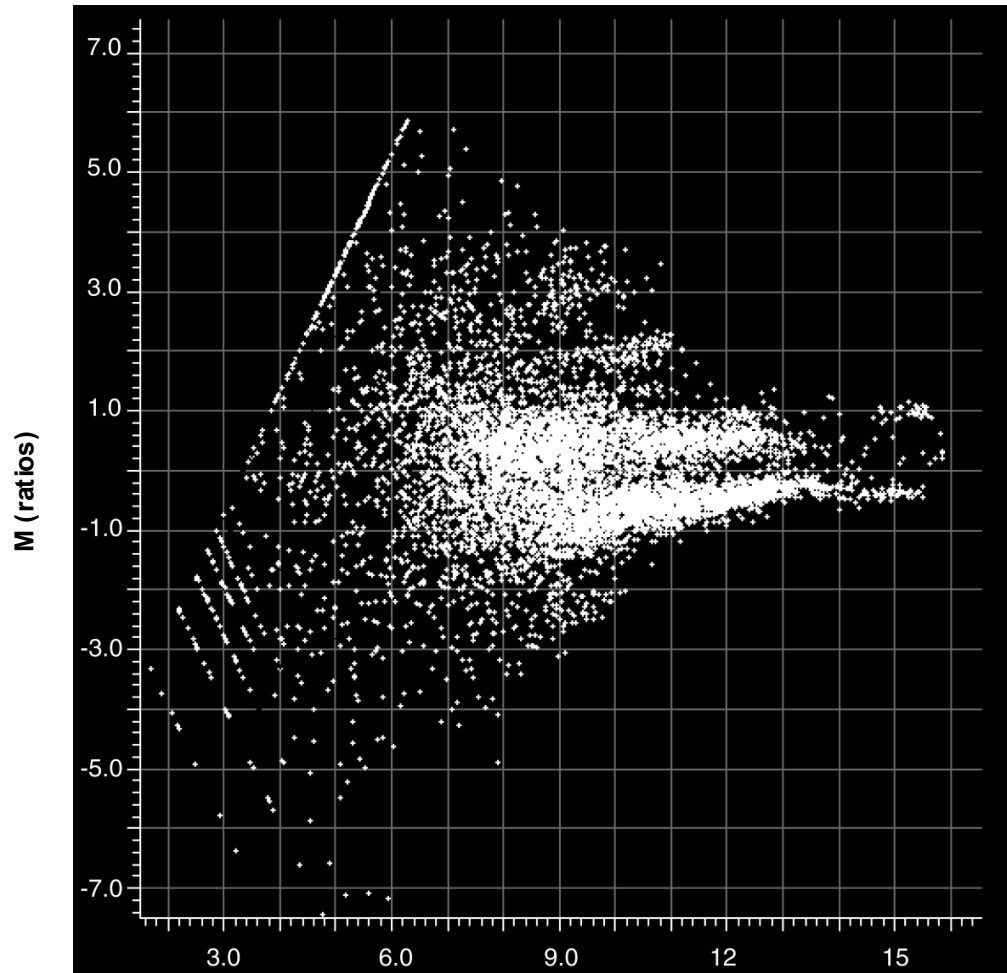
Normalised data (80 mg IB l^{-1} replicate 3)
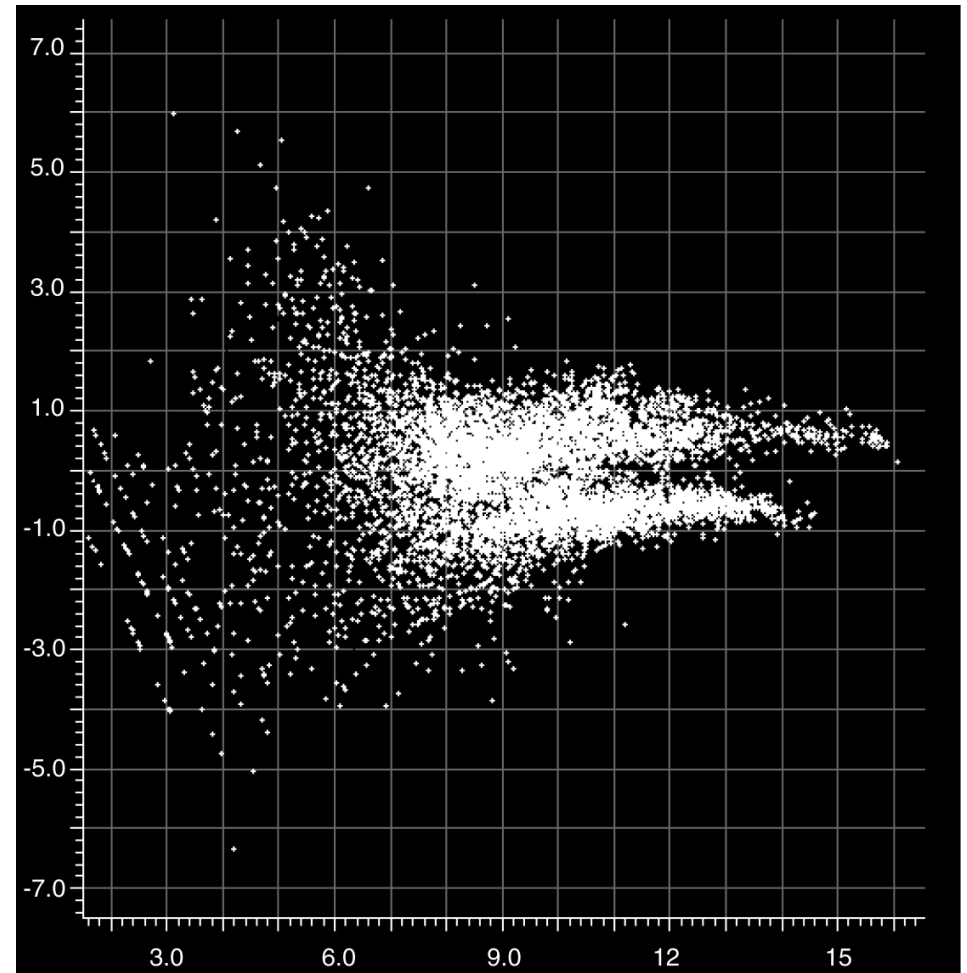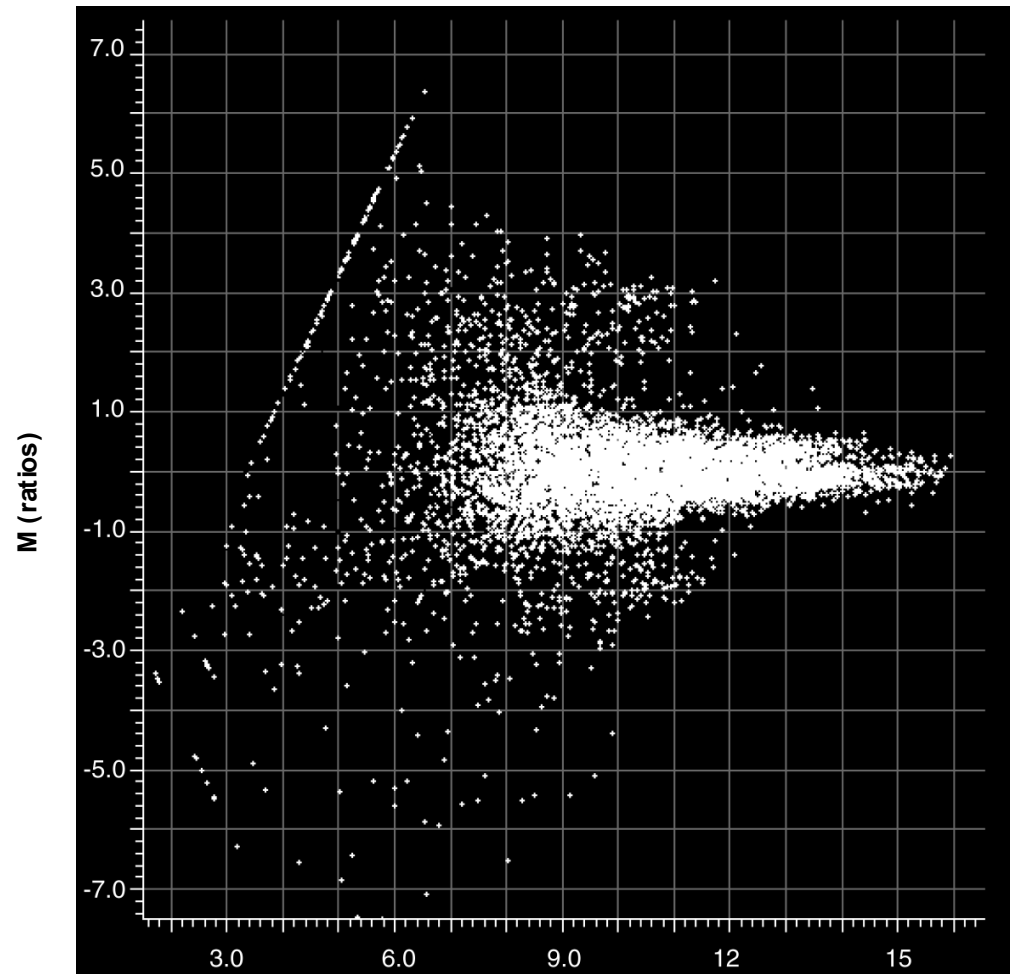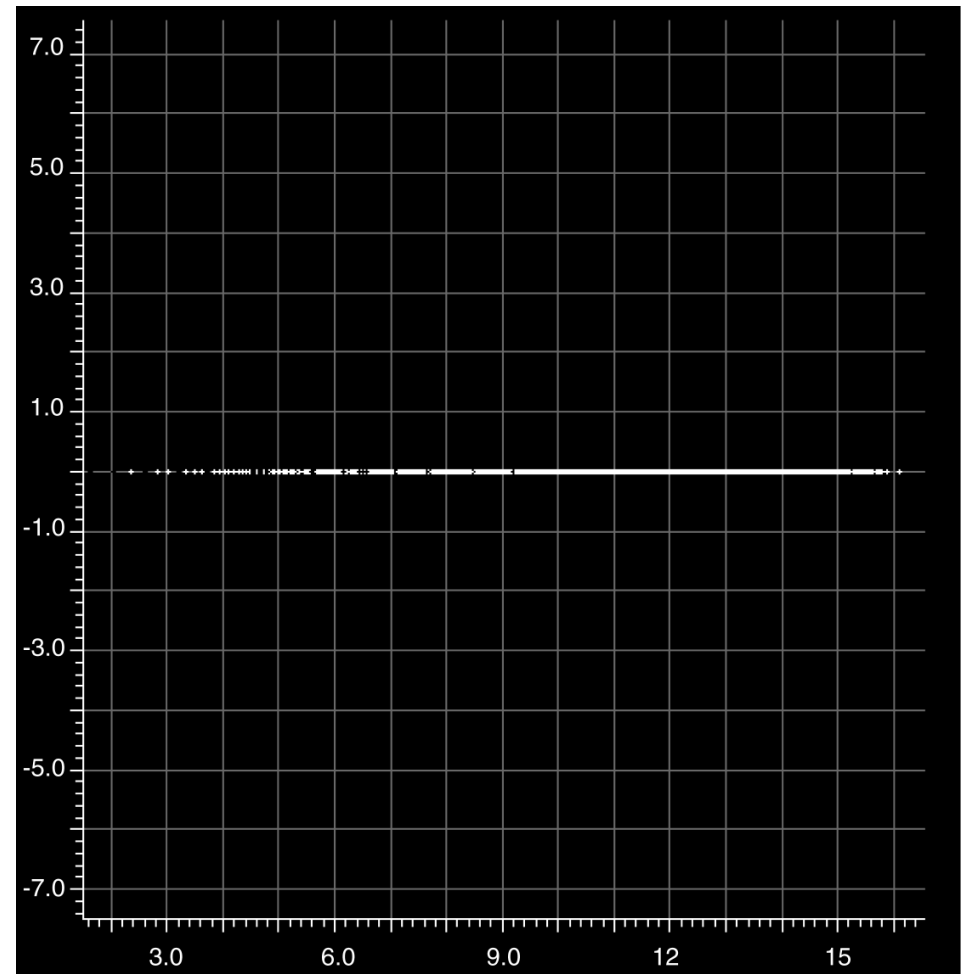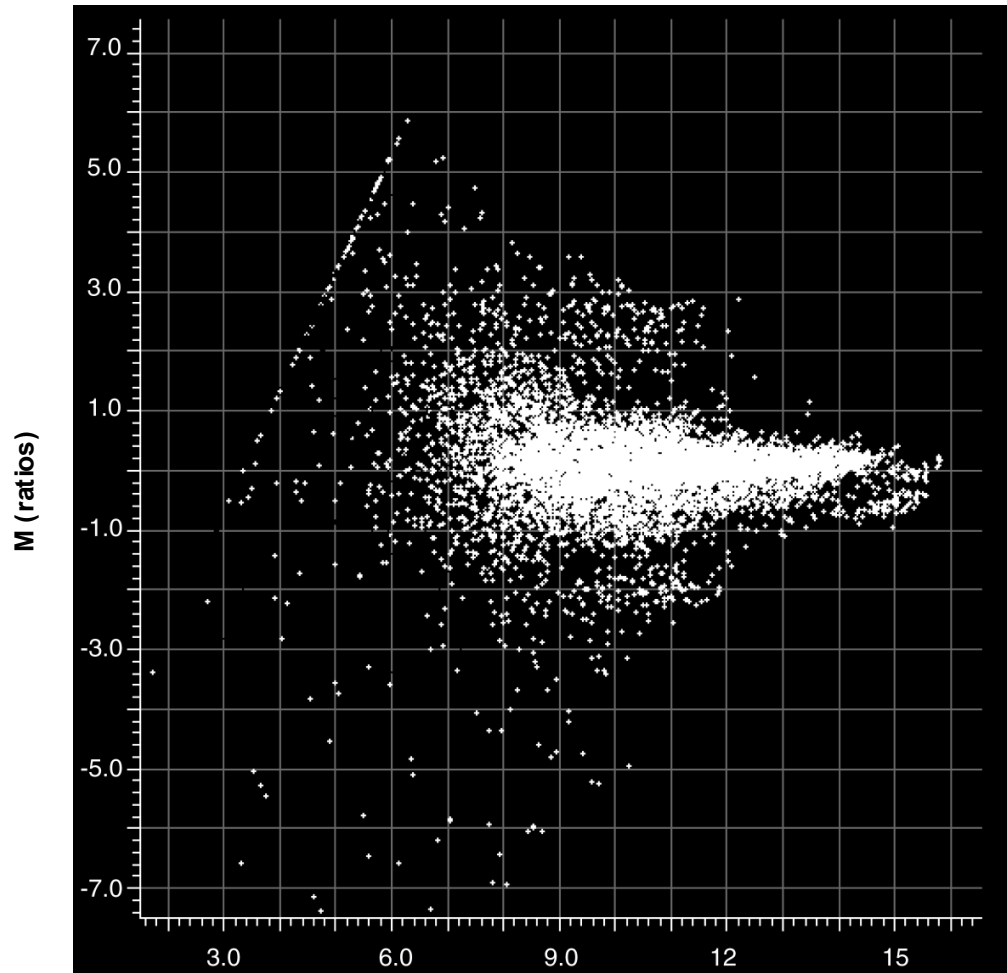

M (ratios)

A (intensities)

MA plots continued.

Raw data (0 mg IB l^{-1} replicate 4)

Normalised data (0 mg IB l^{-1} replicate 4)

M (ratios)

A (intensities)

MA plots continued.

Raw data (20 mg IB l^{-1} replicate 4)

Normalised data (20 mg IB l^{-1} replicate 4)

M (ratios)

A (intensities)

MA plots continued.

Raw data (40 mg IB l^{-1} replicate 4)

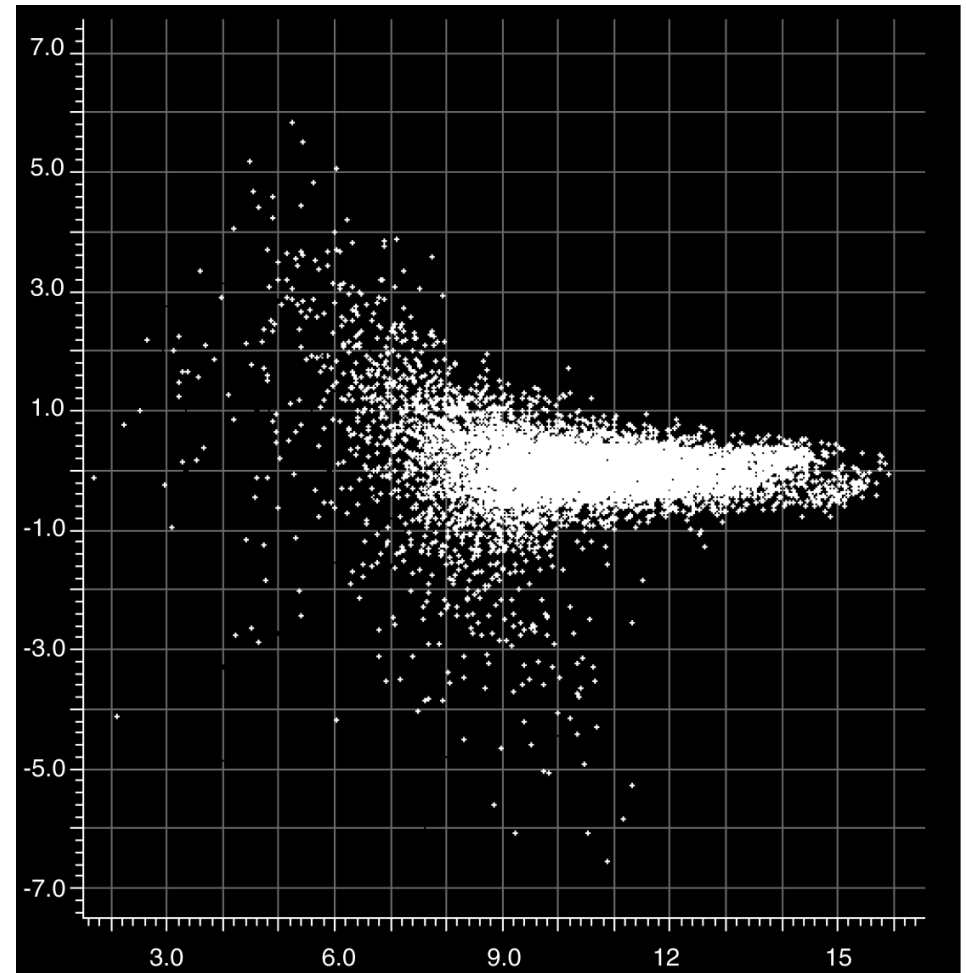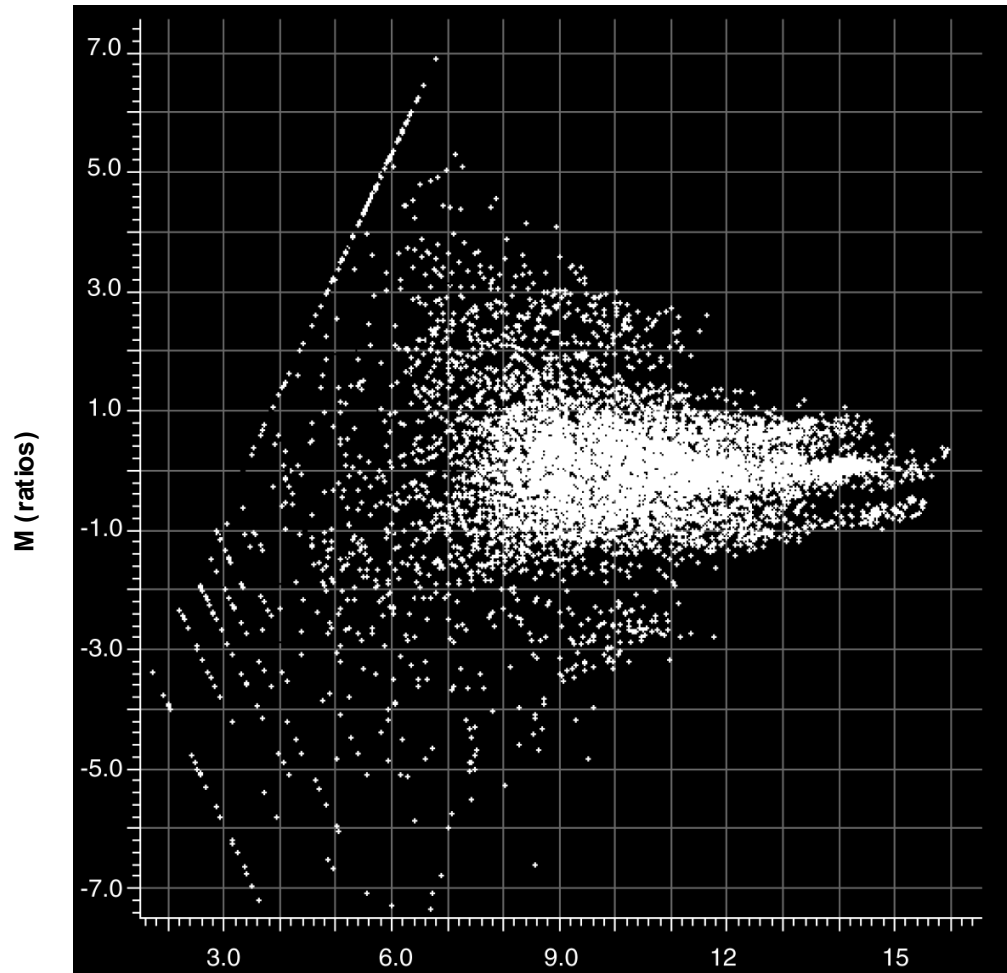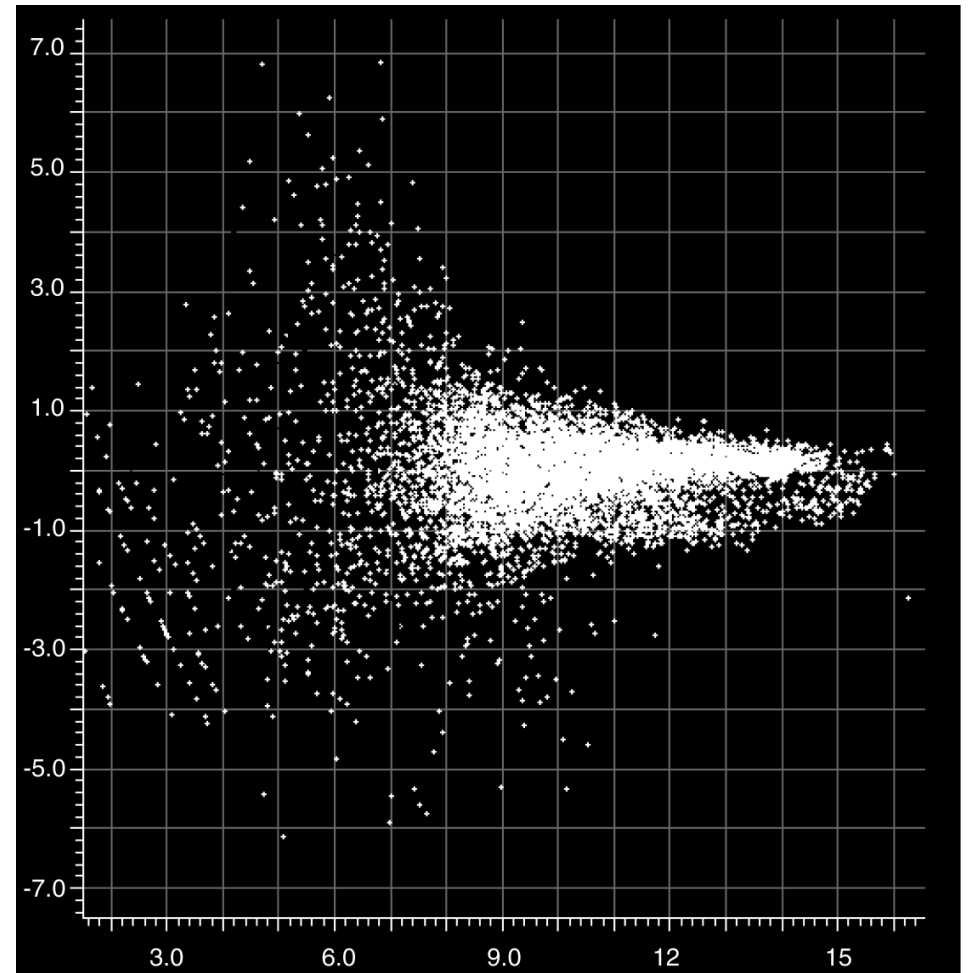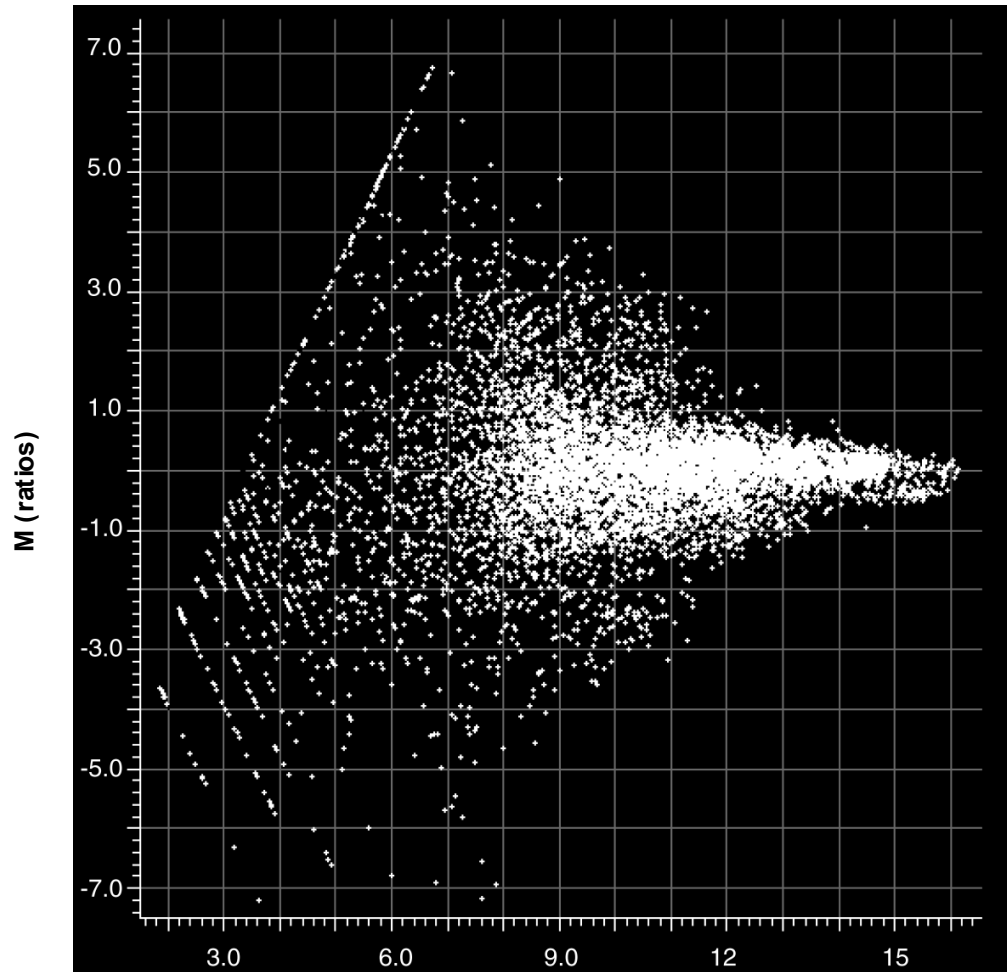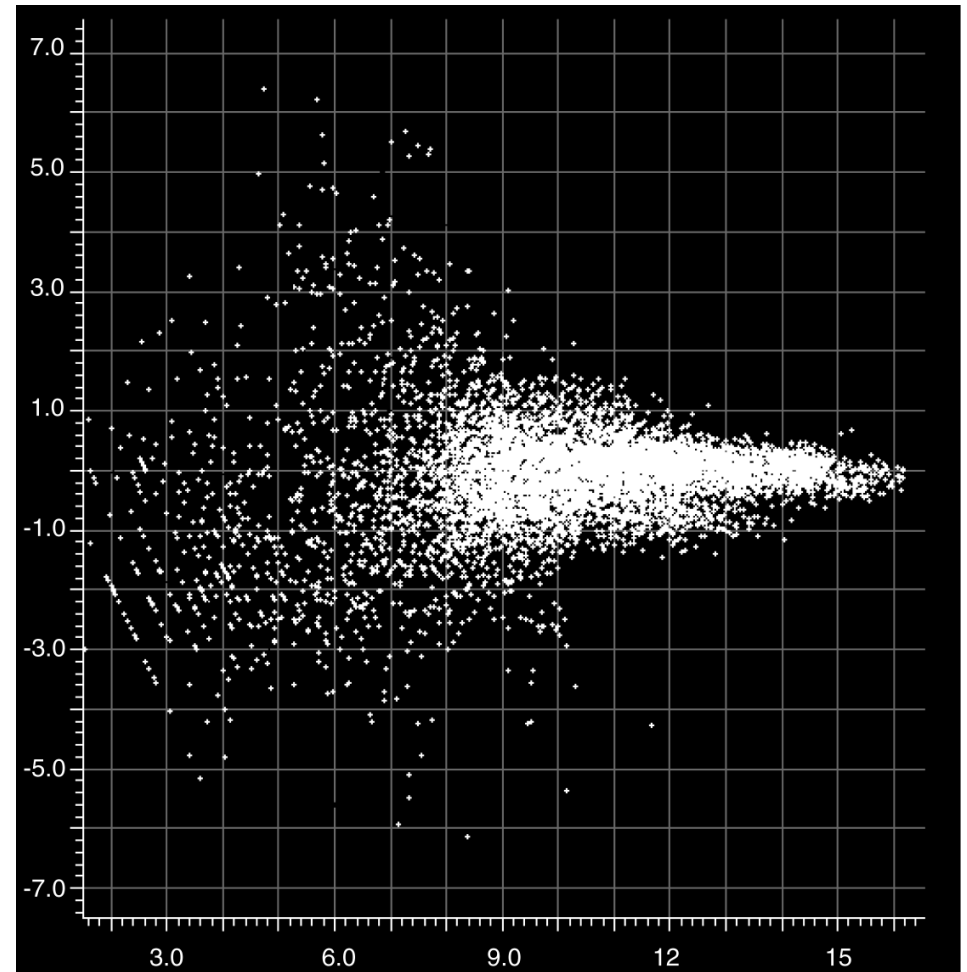**Normalised data (40 mg IB l^{-1} replicate 4)**

M (ratios)

A (intensities)

MA plots continued.

Raw data (80 mg IB l^{-1} replicate 4)

Normalised data (80 mg IB l^{-1} replicate 4)

A (intensities)

*Data were normalised using per spot and per chip intensity-dependent (Global LOWESS) normalisation followed by a per gene normalisation to the control samples, within each hybridisation batch, to normalise for batch variations.