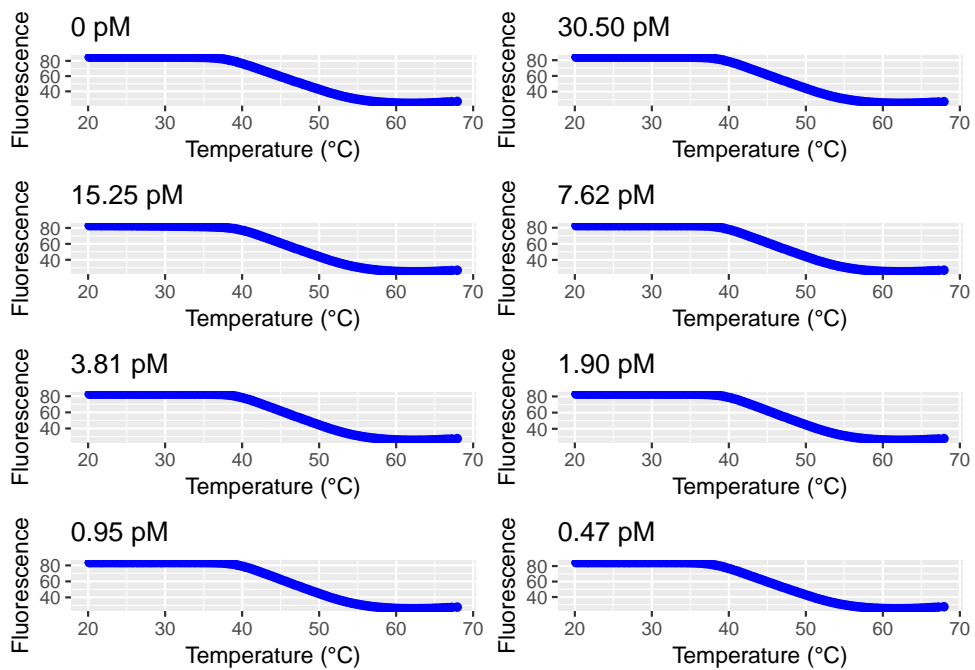# Plots of the melting curve analysis

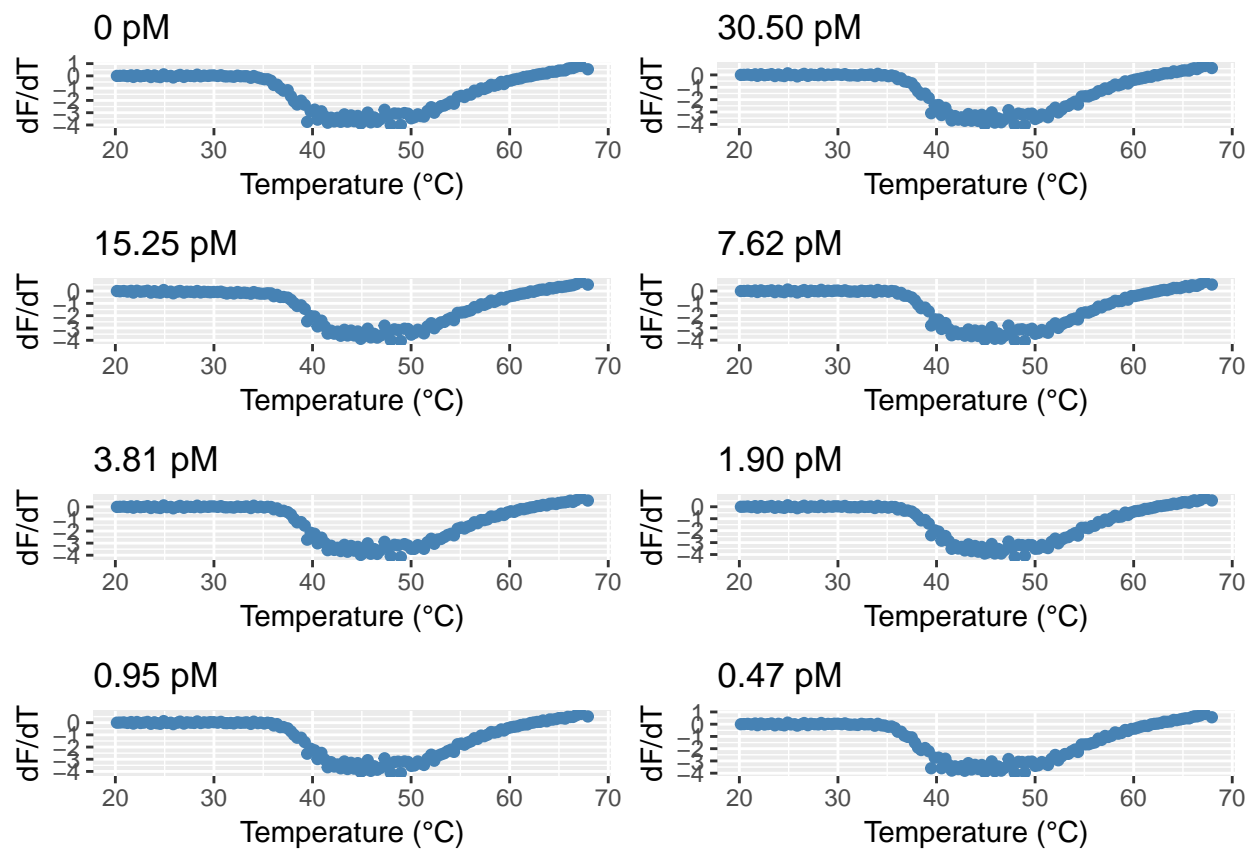Combined replicates (Fluorescence vs Temperature)

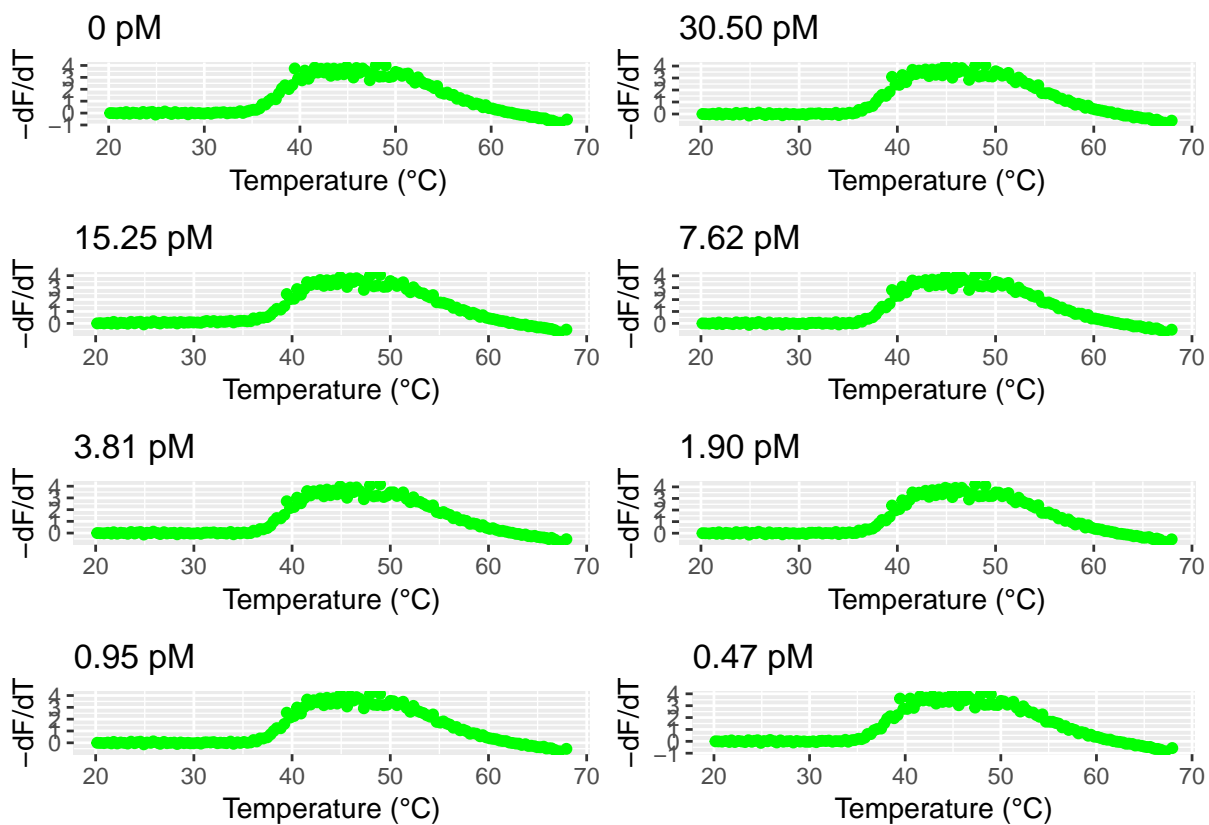**First derivative of combined replicates (dF/dT vs Temperature)**

Negative of first derivative of combined replicates (-dF/dT vs Temperature)

0 pM
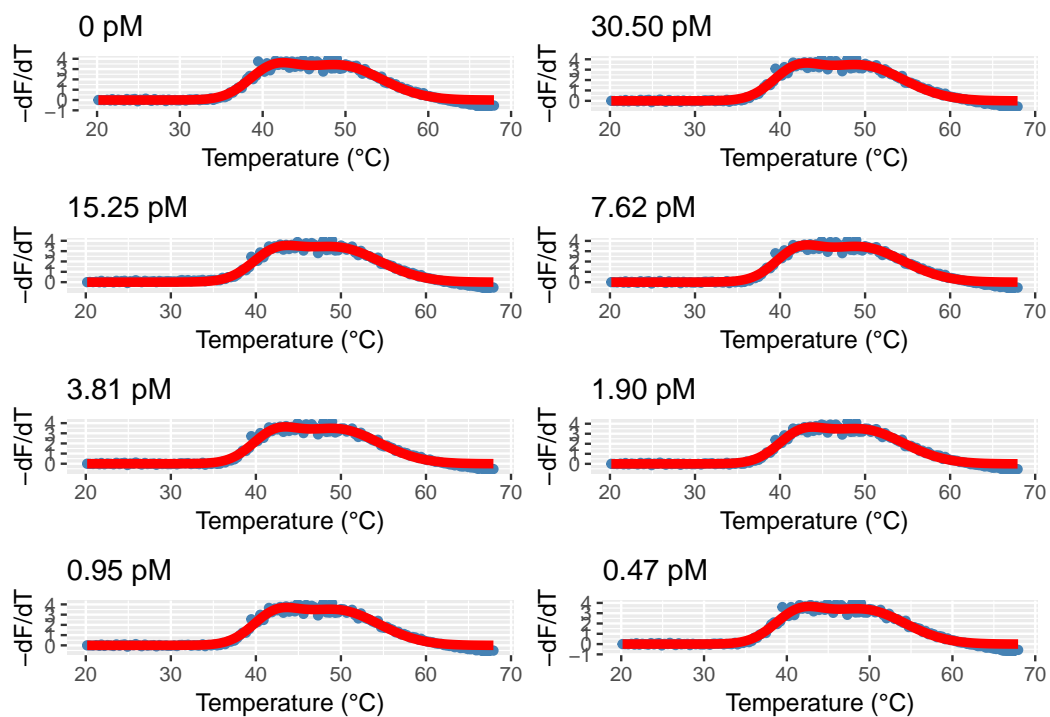
30.50 pM

15.25 pM

7.62 pM

3.81 pM

1.90 pM

0.95 pM

0.47 pM

Plots of Gaussian Fitting

0 pM

30.50 pM

15.25 pM

7.62 pM

3.81 pM

1.90 pM

0.95 pM

0.47 pM

Plots of Gaussian Means of Temperature vs Concentration

Gaussian Mean (Temperature) vs Concentration