



Figure S8. Relative ratio of (a) DUT-52-COOH composite dispersed in aqueous solutions with different metal cations (1 mM). (b) DUT-52-COOH composite dispersed in aqueous solutions with different anions (1 mM). (c) DUT-52 composite dispersed in aqueous solutions with different metal cations (1 mM). (d) DUT-52 composite dispersed in aqueous solutions with different anions (1 mM). (e) H_2NDC dispersed in aqueous solutions with different metal cations (1 mM). (f) H_2NDC composite dispersed in aqueous solutions with different anions (1 mM).