Electronic Supplementary Material (ESI) for Analytical Methods

A green synthesis of high fluorescence nitrogen-doped graphene quantum dots for the highly sensitive and selective detection of mercury (II) ions and biothiols

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Figure. 1S FT-IR spectra of N-GQDs



Figure. 2S Fluorescence responses of N-GQDs solution at 450 nm in the absence (Red square) and presence (blue round) of 10 μ M Hg²⁺ at different pH values. Relative fluorescence intensities [($I_0 - I$)/ I_0] at 450 nm of solutions of N-GQDs in the presence (Black square) of 10 μ M Hg²⁺ at different pH values