

Figure S3. The HRMS spectrum of **1**.

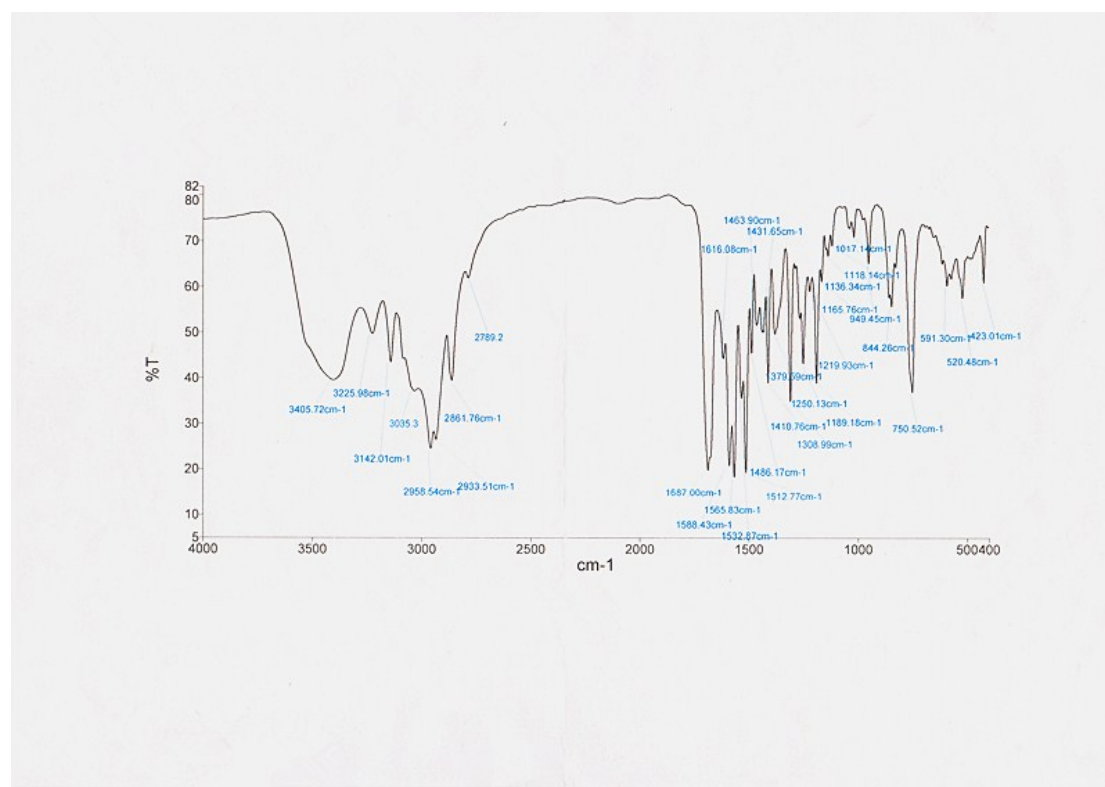
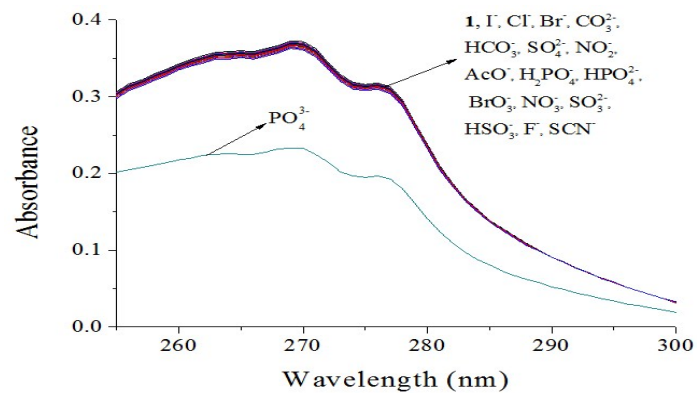
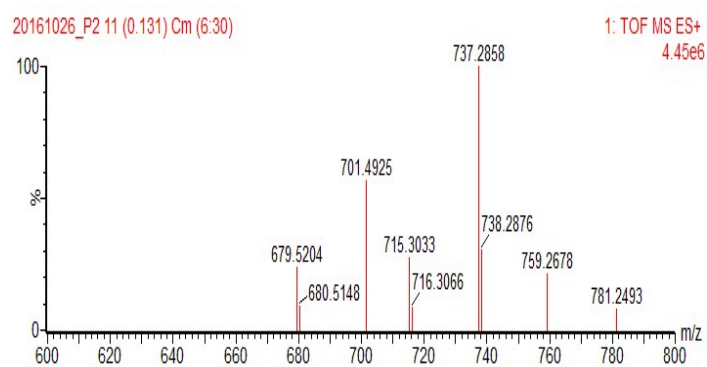


Figure S4. The FTIR spectrum of **1**.



**Figure S5.** UV-vis absorption spectra of probe **1** (10  $\mu\text{M}$ ) upon addition of different anions (1.0 equiv.) in HEPES buffer (10 mM, pH 7.4, 25  $^{\circ}\text{C}$ ) solution.



**Figure S6.** The HRMS spectrum of mixture of **1** with  $\text{PO}_4^{3-}$ .