Supplementary information

Novel Anthraquinone Derivatives and Their Complexes with Metal Ions with Anticancer Activity: Structure/Redox and Chelation Activity Correlations

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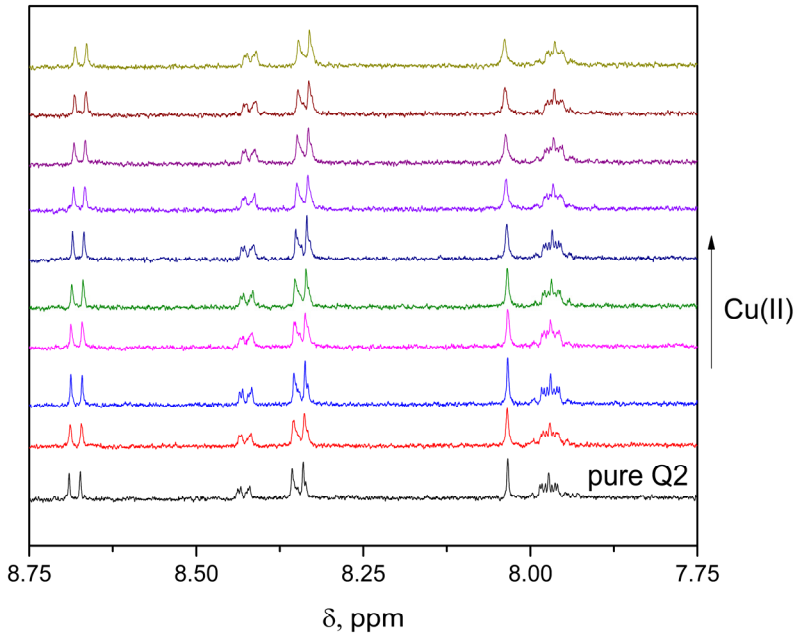


Figure S1. NMR studies of the interaction of Q2 with cupric ions in methanol. The ^{1}H NMR spectra of 0.5mM 4-hydroxynaphto [2,3-*h*]cinnoline-7,12-dione (Q2) in CD_3OD in the presence of $CuCl_2$ at concentrations in range 0.05-1mM. (The chemical shift (δ) is shown in the horizontal axis).

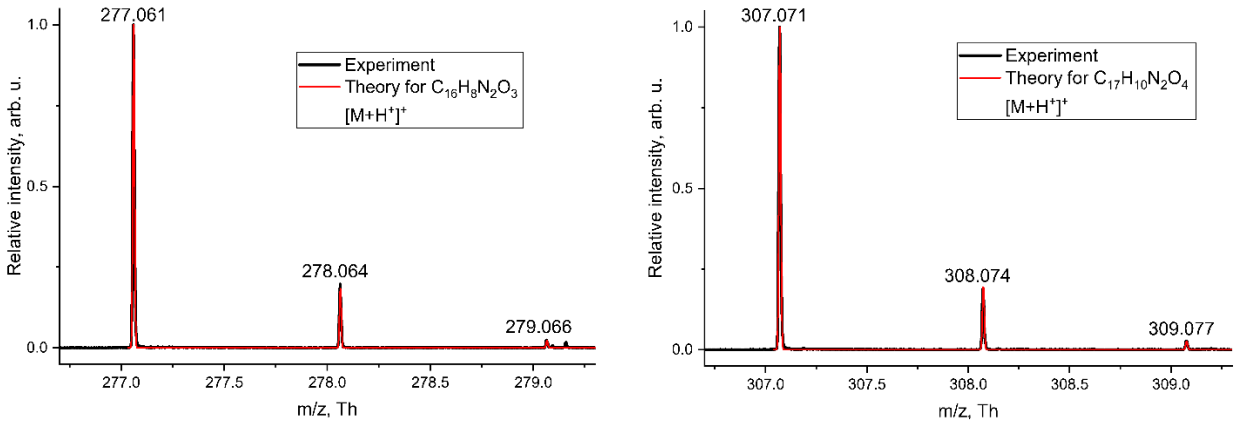
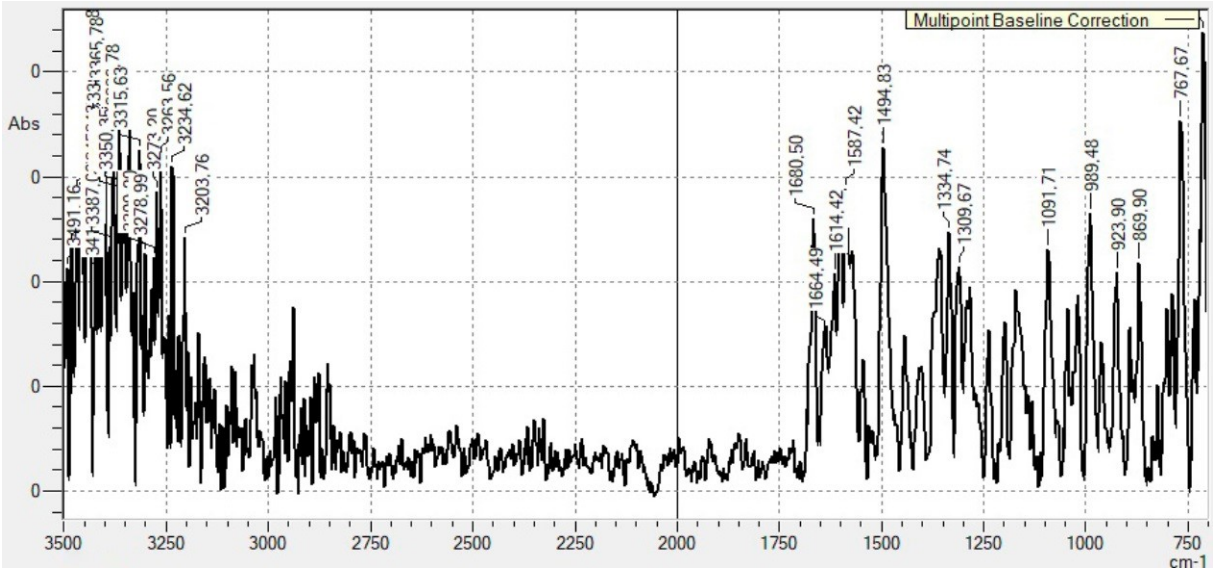
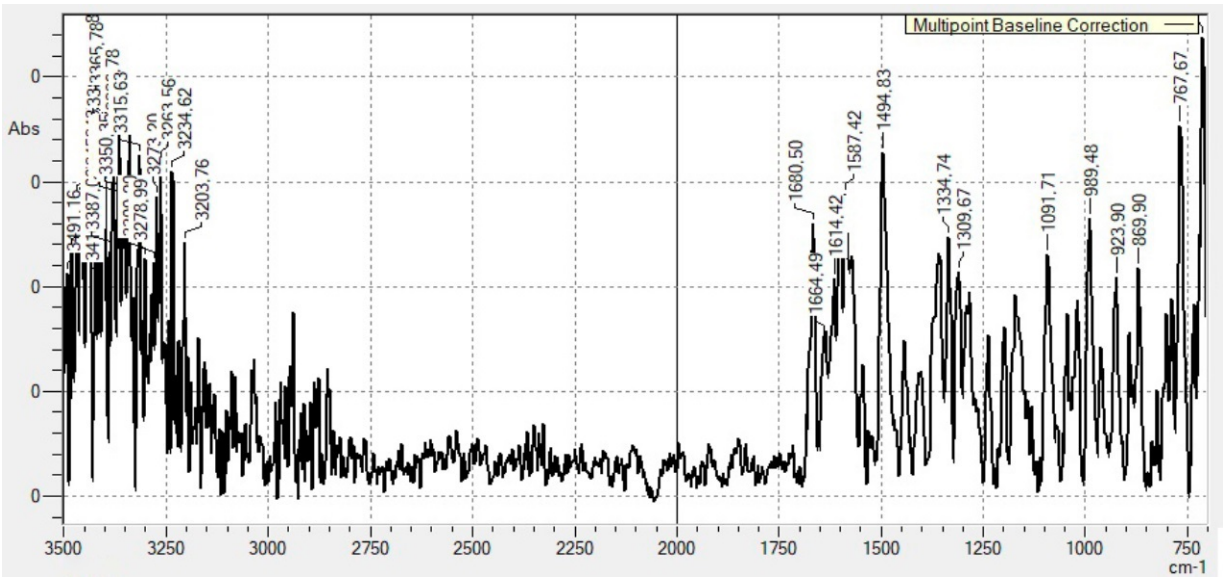


Figure S2. HR-ESI-MS spectra of (**a**) Q2 and (**b**) Q3



(a)



(b)

Figure S3. IR spectra of (**a**) Q2 and (**b**) Q3