

Electronic Supplementary Information for:

**Polymorphism in Unusual One-Dimensional Coordination Polymers Based on
Cadmium(II) and 2-Mercaptopyridine-*N*-Oxide**

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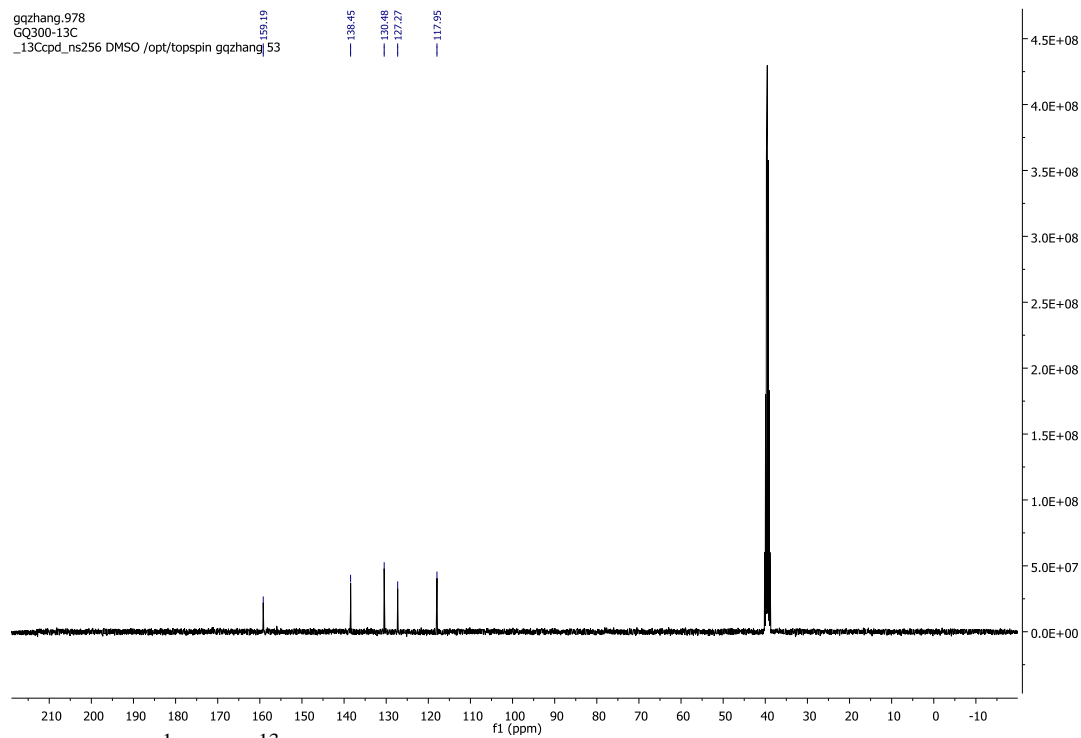
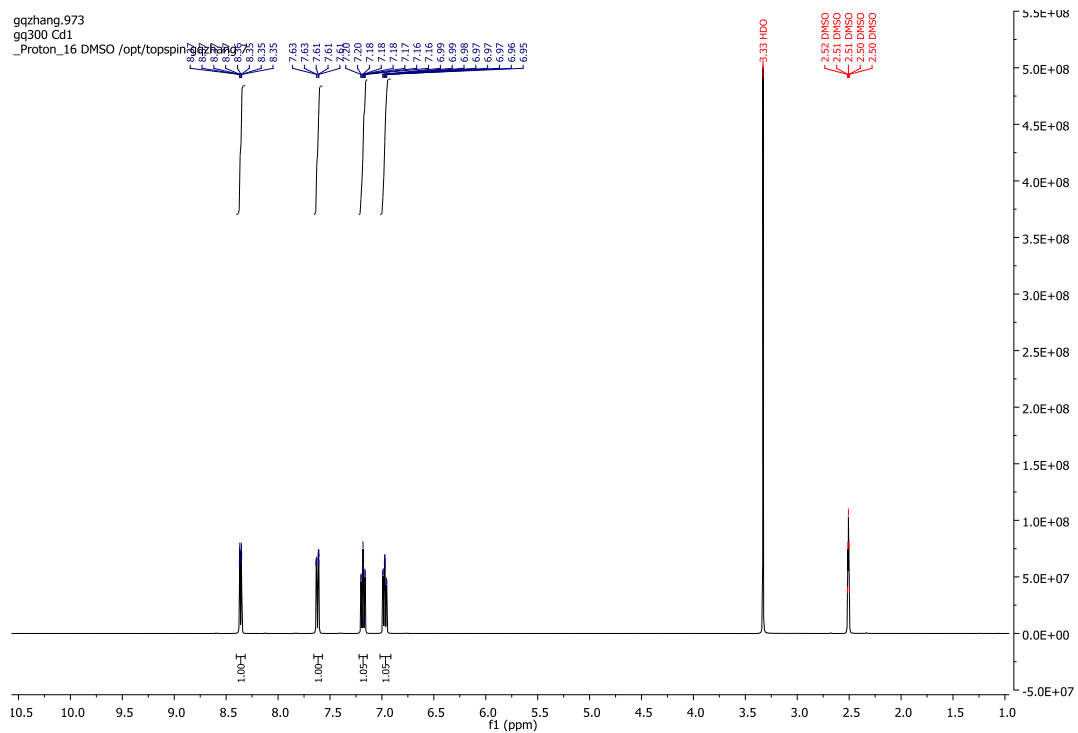
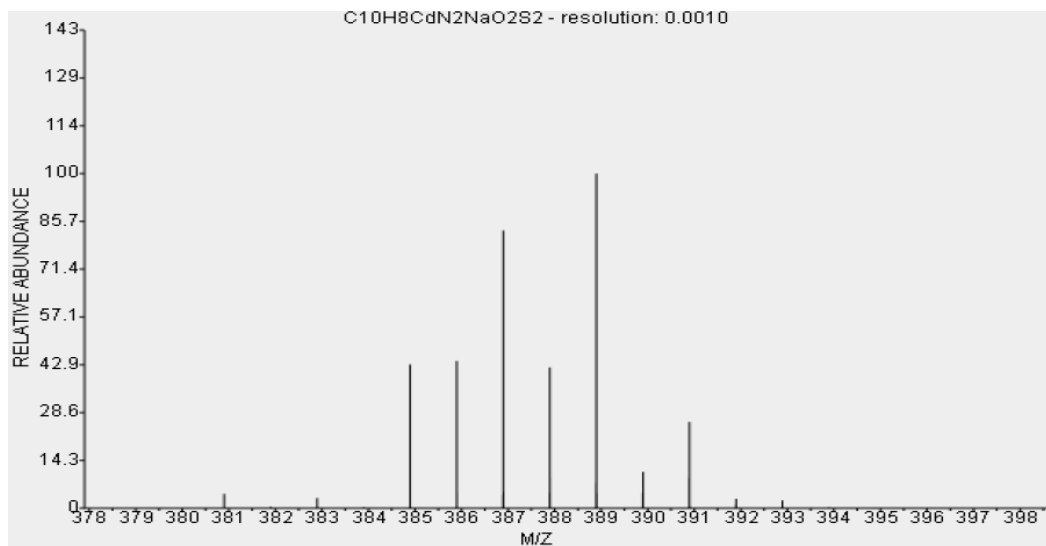
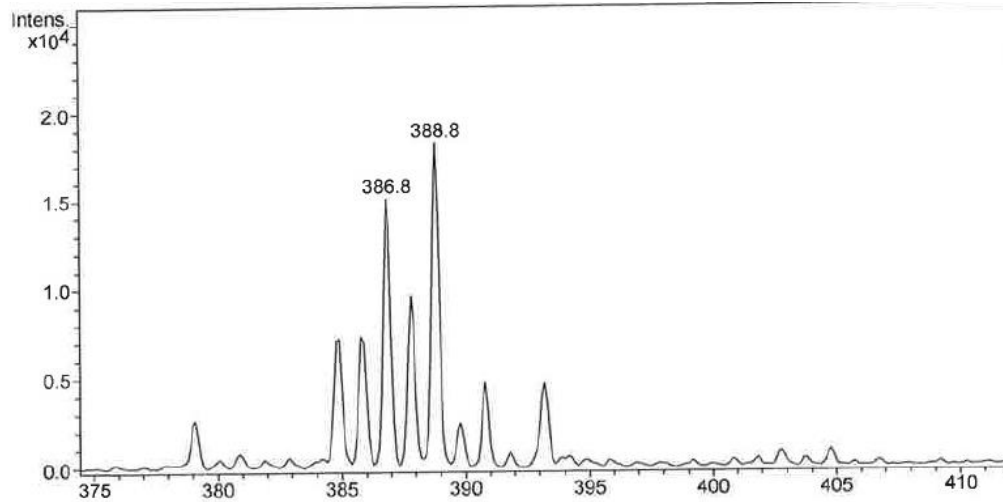
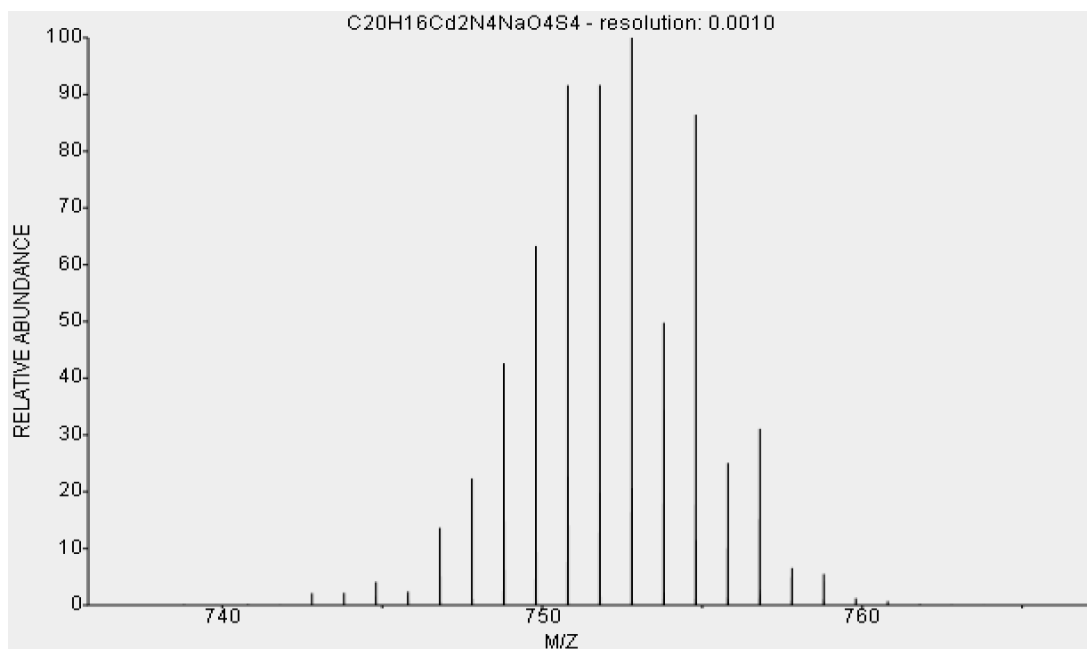
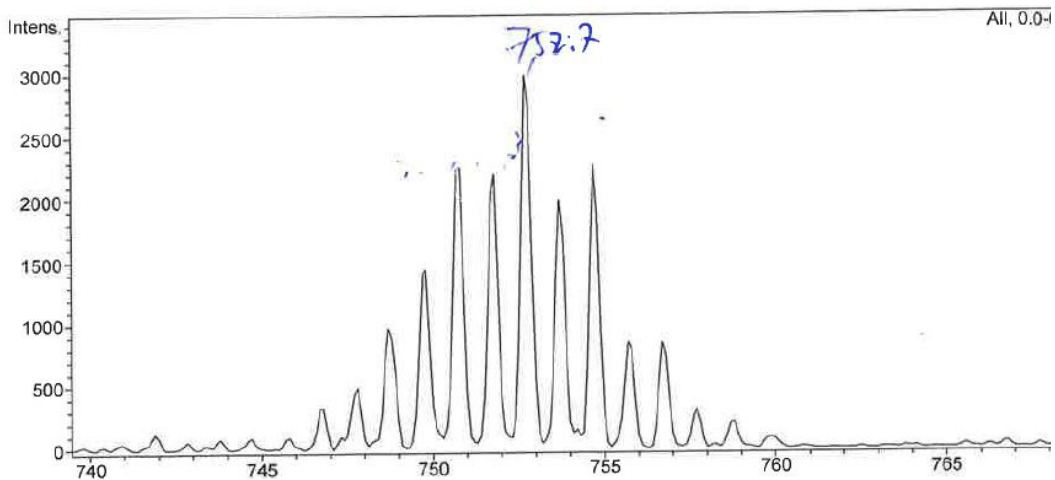


Figure S1. ^1H and ^{13}C NMR spectra of **1** in $\text{DMSO-}d_8$.





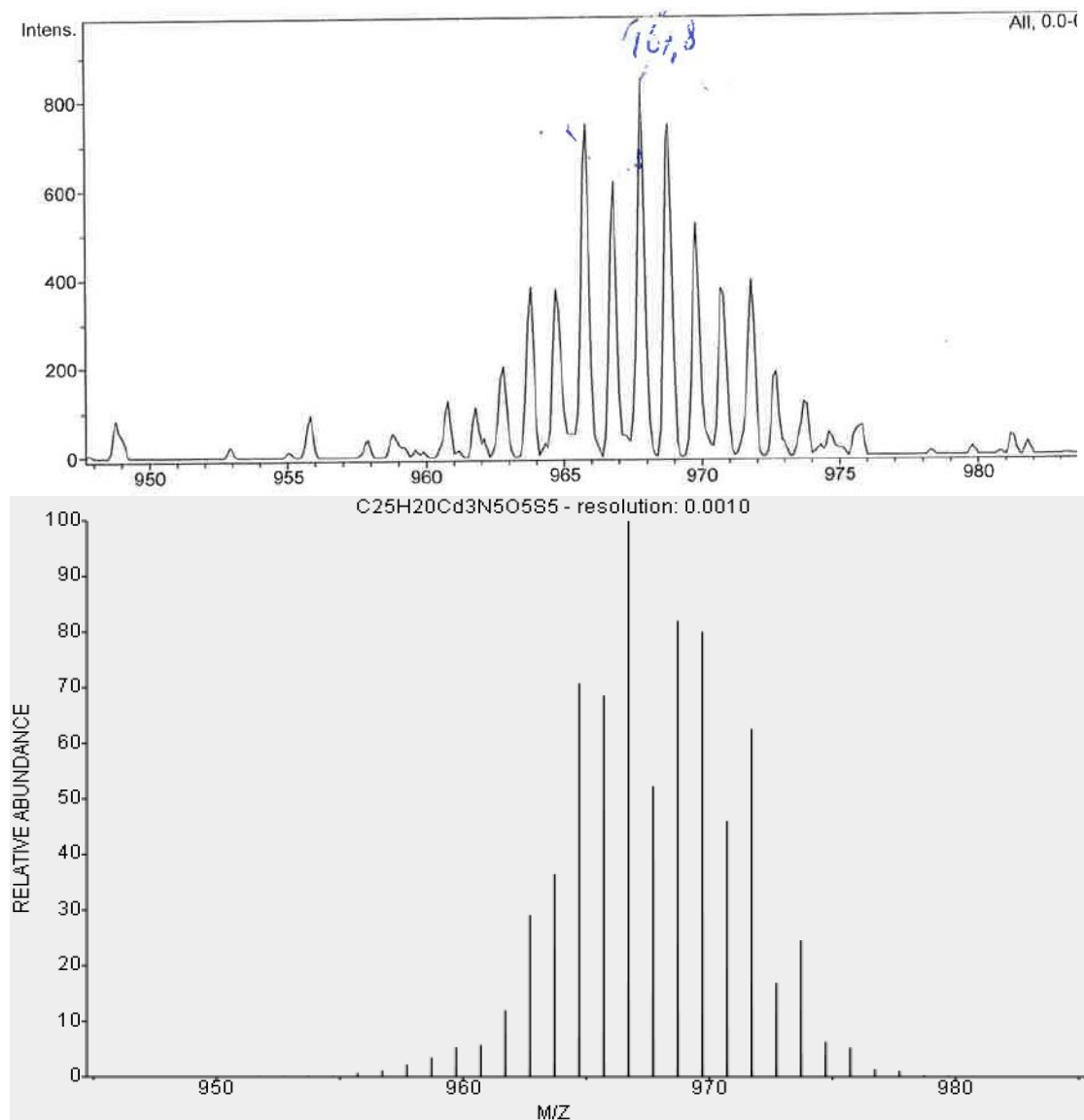


Figure S2. Extended isotope distribution (experimental and simulated) of peaks at m/z : 389.0 $[\text{Cd}(\text{L})_2\text{Na}]^+$, 752.7 $[\text{Cd}_2(\text{L})_4 + \text{Na}]^+$ and 967.8 $[\text{Cd}_3(\text{L})_5]^+$ from the ESI-MS spectrum of **1**.

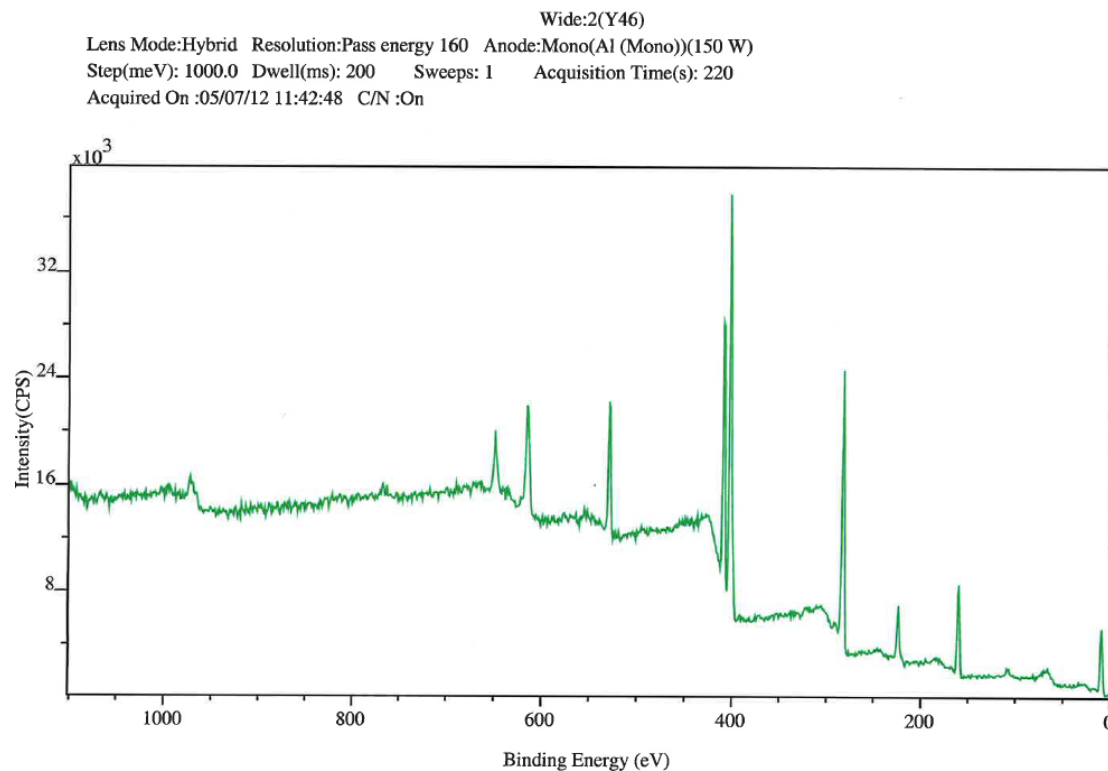


Figure S3. X-ray photoelectron spectroscopy (XPS) of **1**.

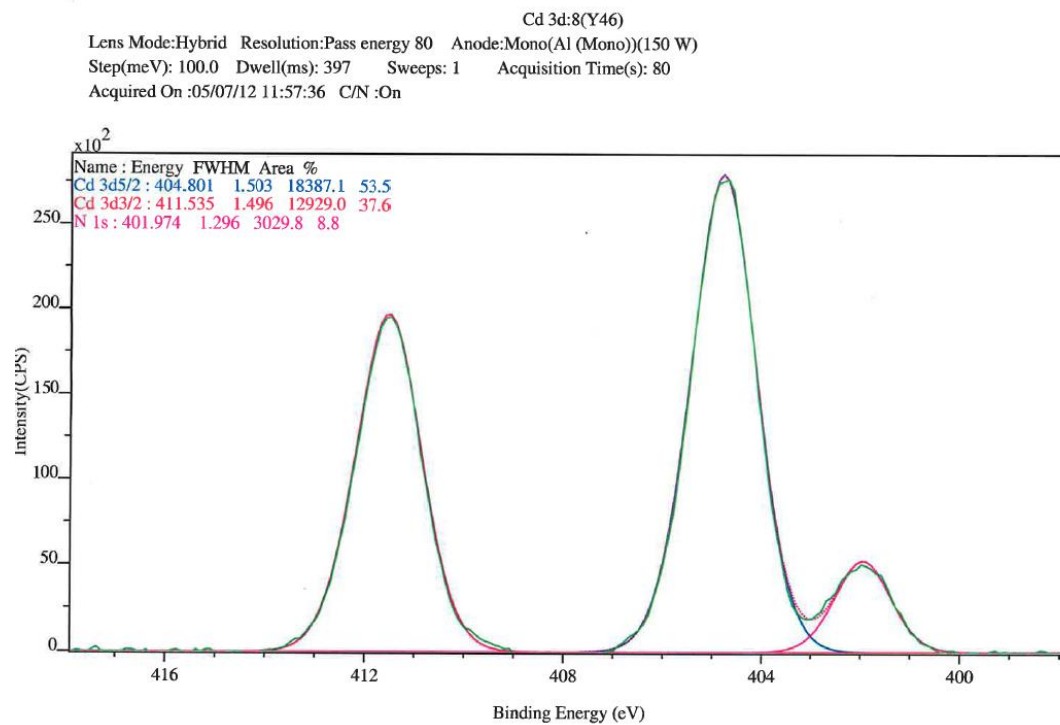


Figure S4. Extended XPS profile for Cd in **1**.