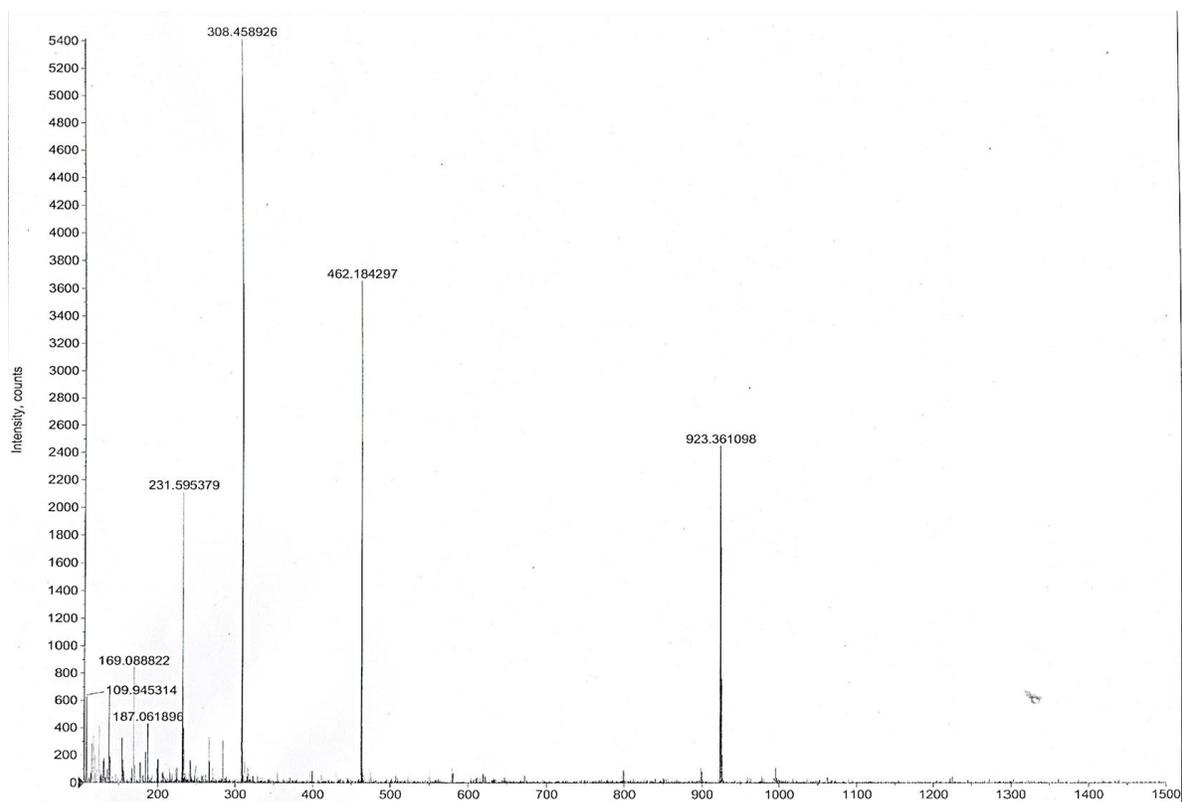
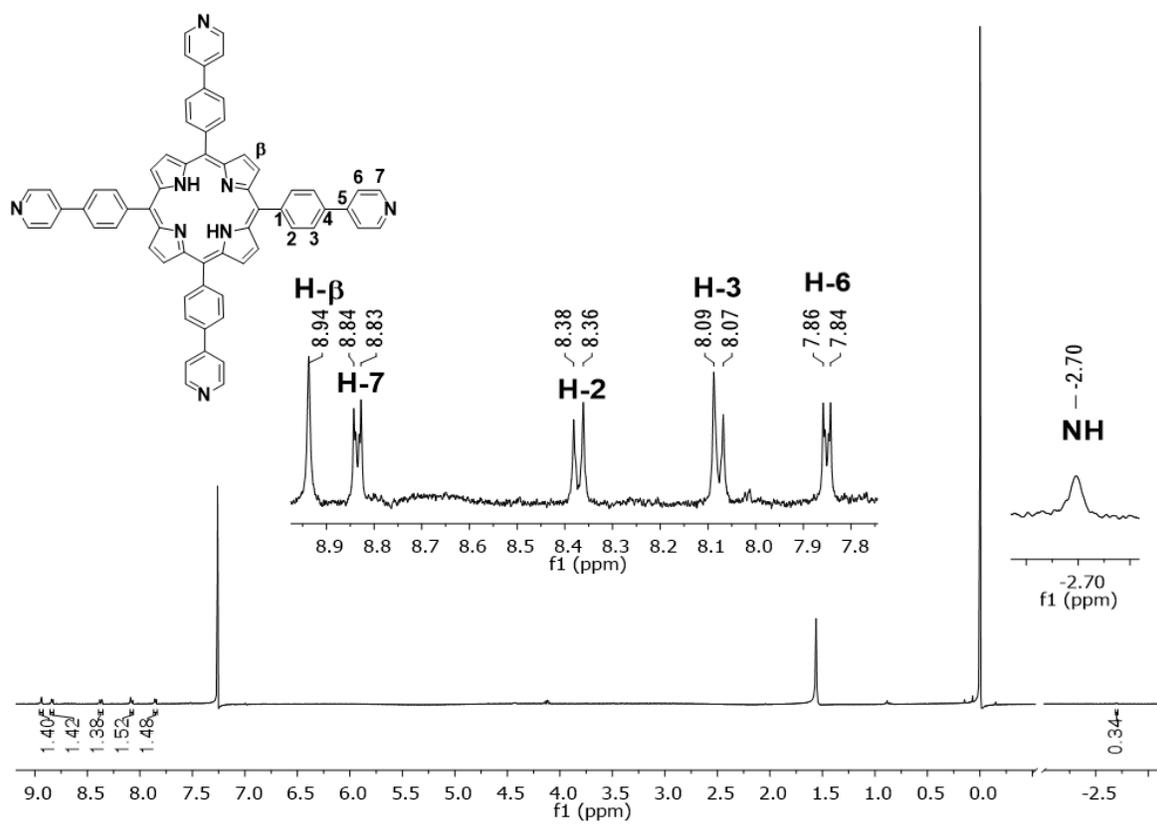


Supplementary Materials

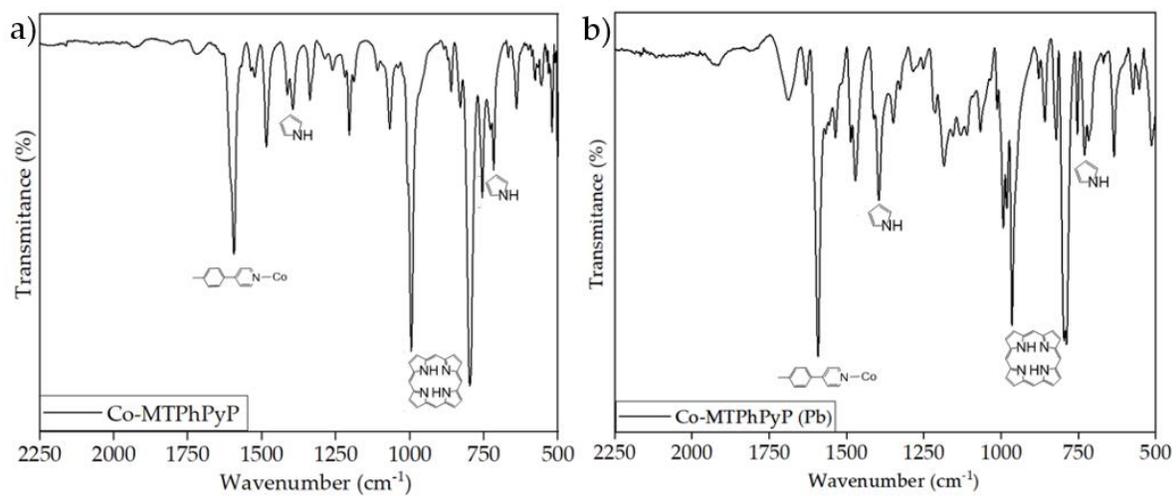
Supplementary Figure S1. HRMS spectrum of TPhPyP



Supplementary Figure S2. ¹H NMR spectrum of TPhPyP



Supplementary Figure S3. FTIR spectra of TPhPyP a) before adsorption and b) after absorption of Pb(II).



Supplementary Table S1. Kinetic data of the pseudo-first and pseudo-second-order absorption Pb(II) by Co-MTPPhPyP .

Concentration (mg/L)	Pseudo-first-order			Pseudo-second-order		
	K_1 (g·mg ⁻¹ ·min ⁻¹)	q_e (mg·g ⁻¹)	R^2	K_2 (g·mg ⁻¹ ·min ⁻¹)	q_e (mg·g ⁻¹)	R^2
50	-0.549	0.98	0.001	-0.033	384.62	0.998