

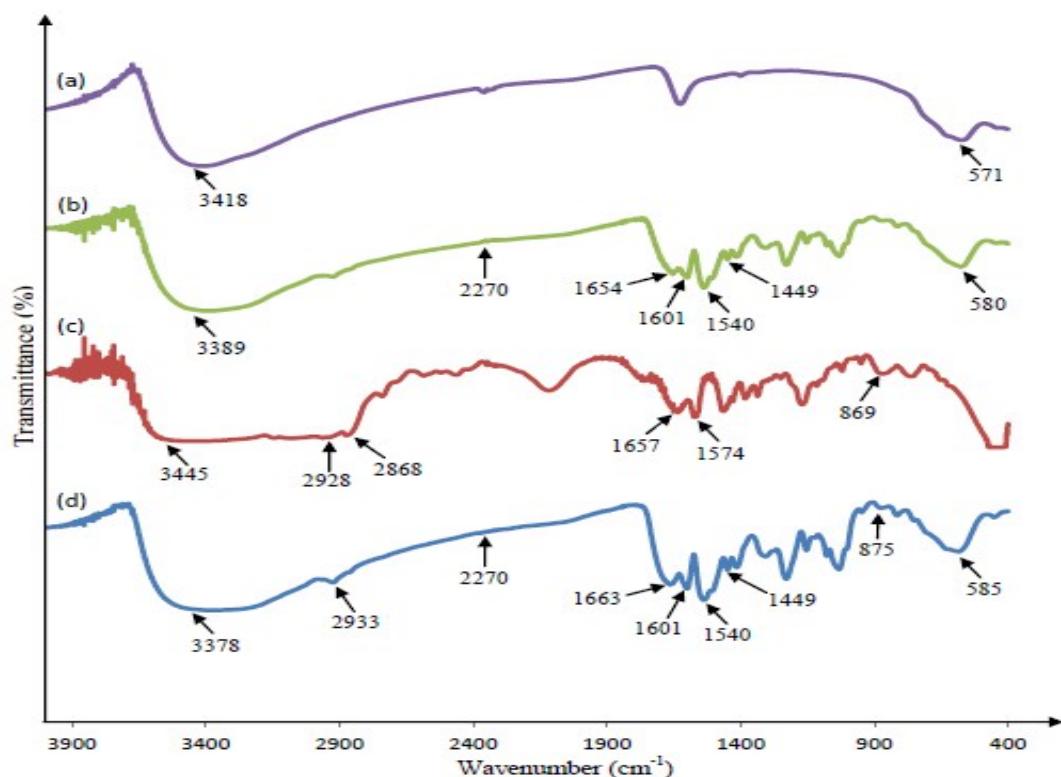
## List of Supplementary Information

**Fig. SI1**

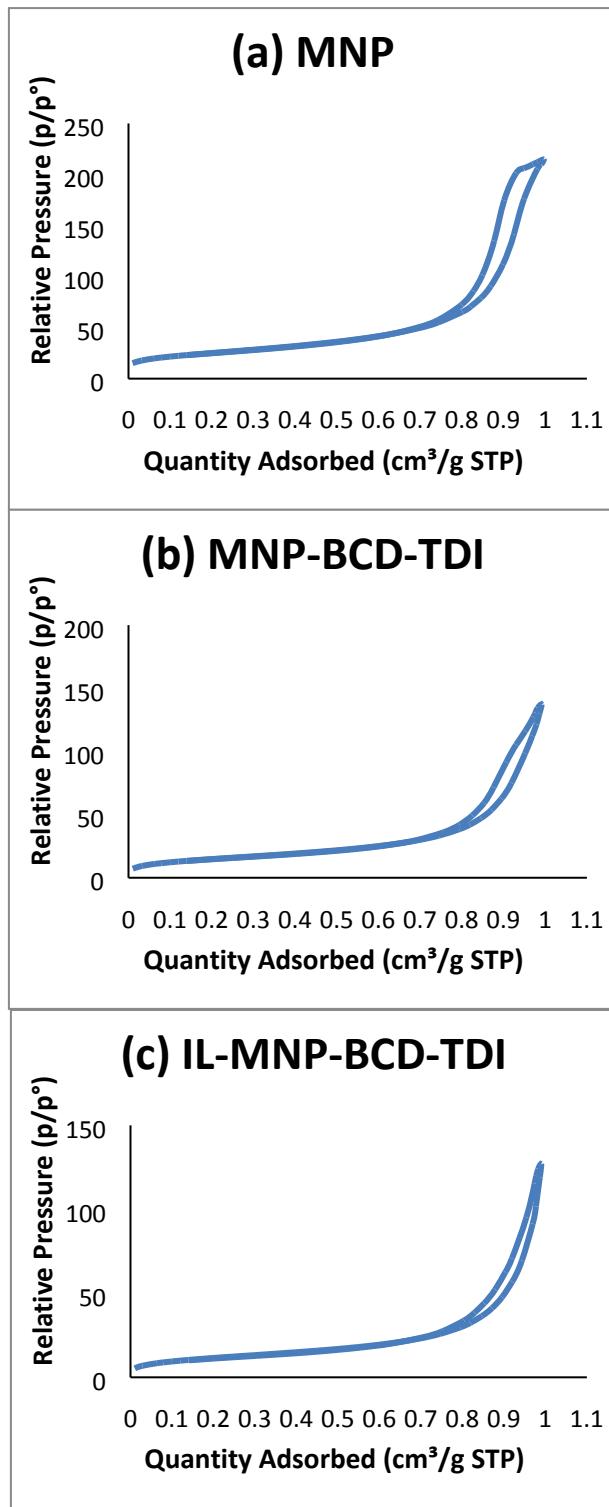
FT-IR spectra of (a) MNP, (b) MNP- $\beta$ CD-TDI, (c) IL (BMIM-Cl) and (d) IL-MNP- $\beta$ CD-TDI

**Fig. SI2**

N<sub>2</sub>-adsorption/desorption isotherm (a) MNP, (b) MNP- $\beta$ CD-TDI, and (c) IL-MNP- $\beta$ CD-TDI



**Fig. SI1** FT-IR spectra of (a) MNP, (b) MNP- $\beta$ CD-TDI, (c) IL (BMIM-Cl) and (d) IL-MNP- $\beta$ CD-TDI



**Fig. SI2** N2-adsorption/desorption isotherm (a) MNP, (b) MNP- $\beta$ CD-TDI, and (c) IL-MNP- $\beta$ CD-TDI