Electronic Supplementary Information

Analysis of sulfonylurea herbicides in grain samples by molecularly imprinted polymers on the surface of magnetic carbon nanotubes extraction coupled with HPLC

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Nicosulfuron

Chlorsulfuron

Metsulfuron-methyl

Halosulfuron-methyl
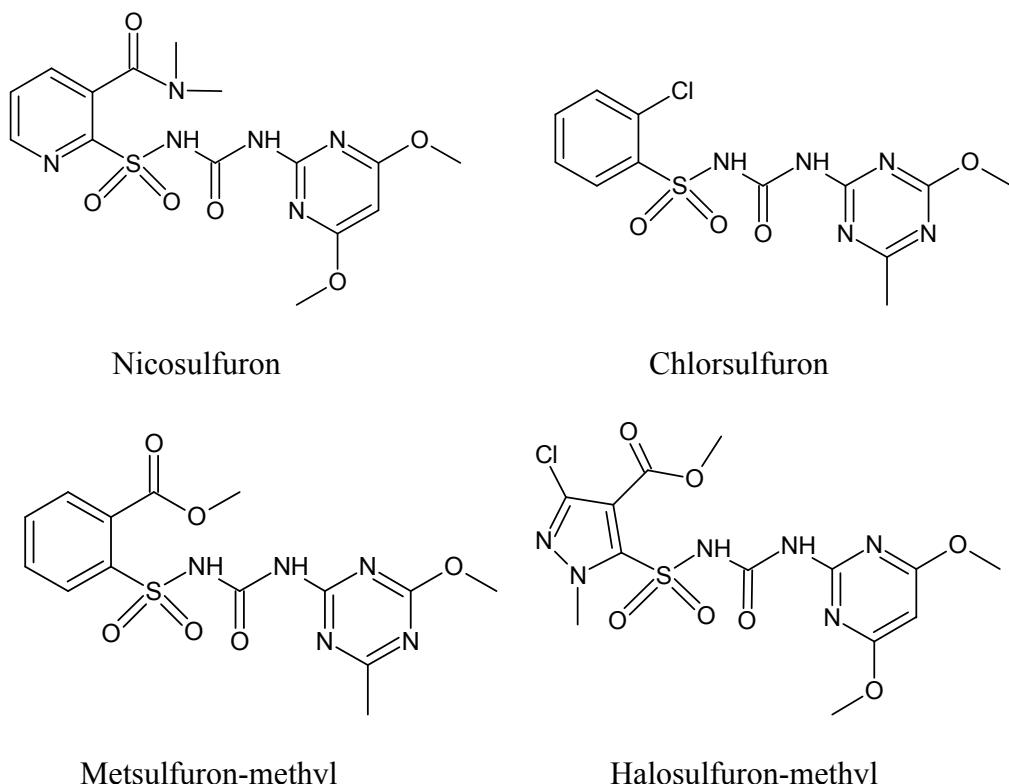
Fig. S1 Chemical structures of sulfonylurea herbicides.

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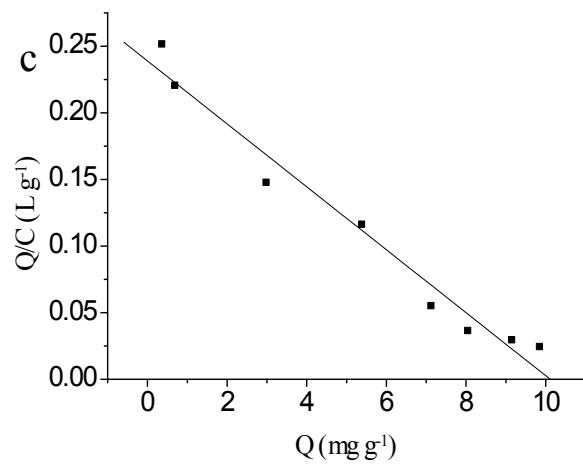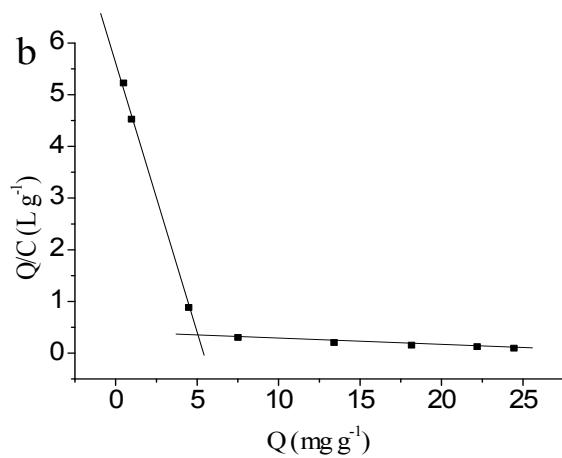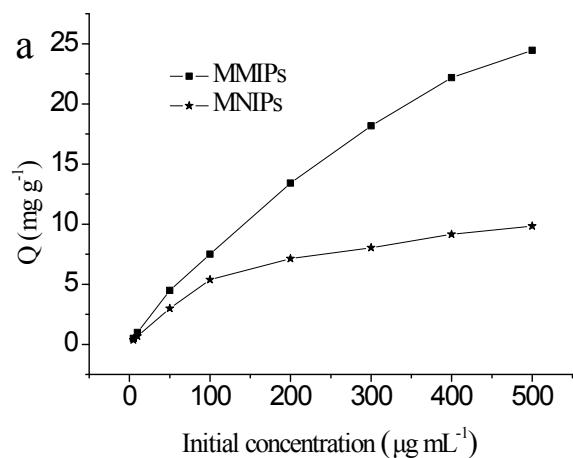
Fig. S2 Curves of (a) adsorption isotherm of MMIPs and MNIPs; Scatchard plot to estimate the binding nature of MMIPs (b) and MNIPs (c).
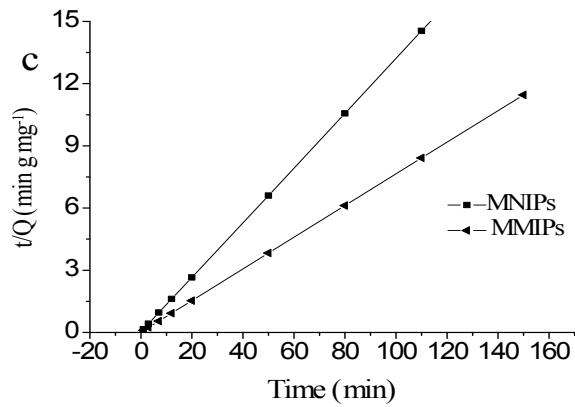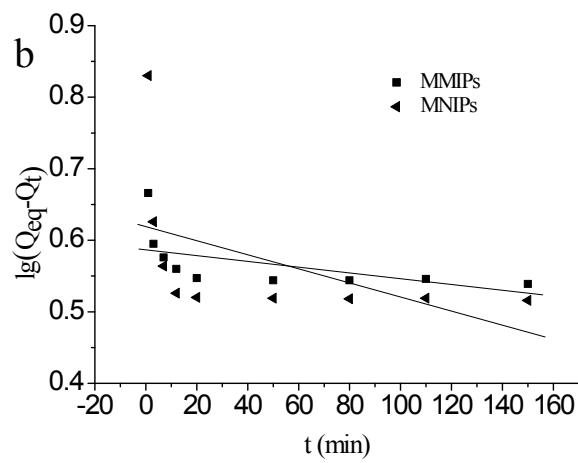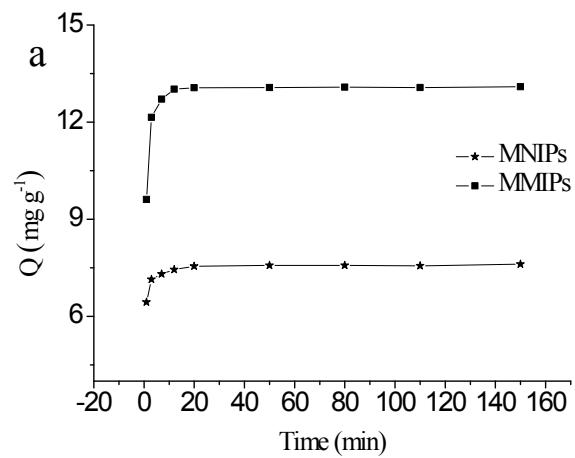
Fig. S3 Curves of adsorption varying with time (a); the first-order (b) and second-order (c) adsorption kinetics of MMIPs and MNIPs.