

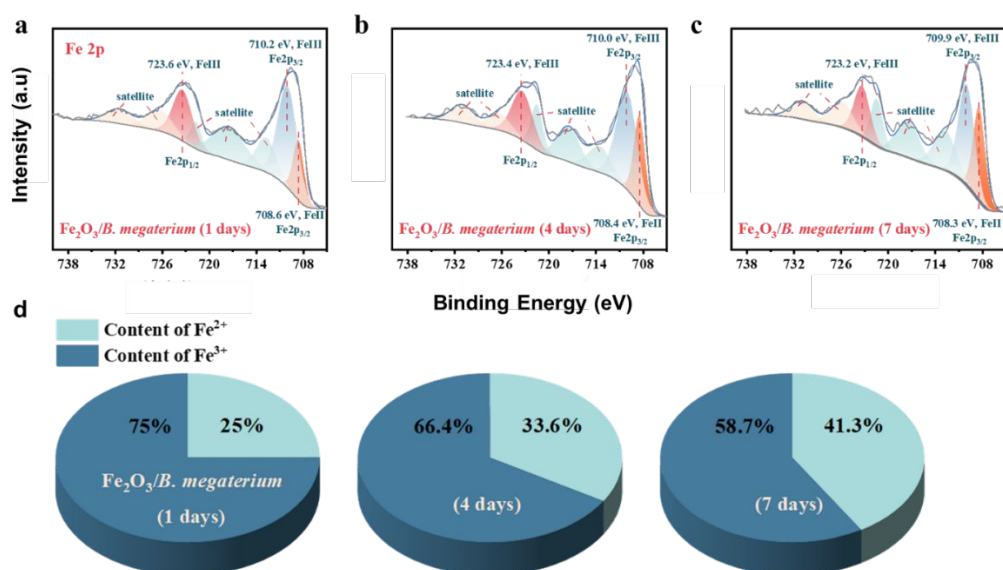


Figure S11. $\text{Fe}_2\text{O}_3/\text{B. megaterium}$ composites Fe 2p XPS spectra and magnified region plots at different incubation times 1 day (a), 4 days (b), 7 days (c); Relative contents of Fe(III) and Fe(II) in $\text{Fe}_2\text{O}_3/\text{B. megaterium}$ at different incubation times (d)