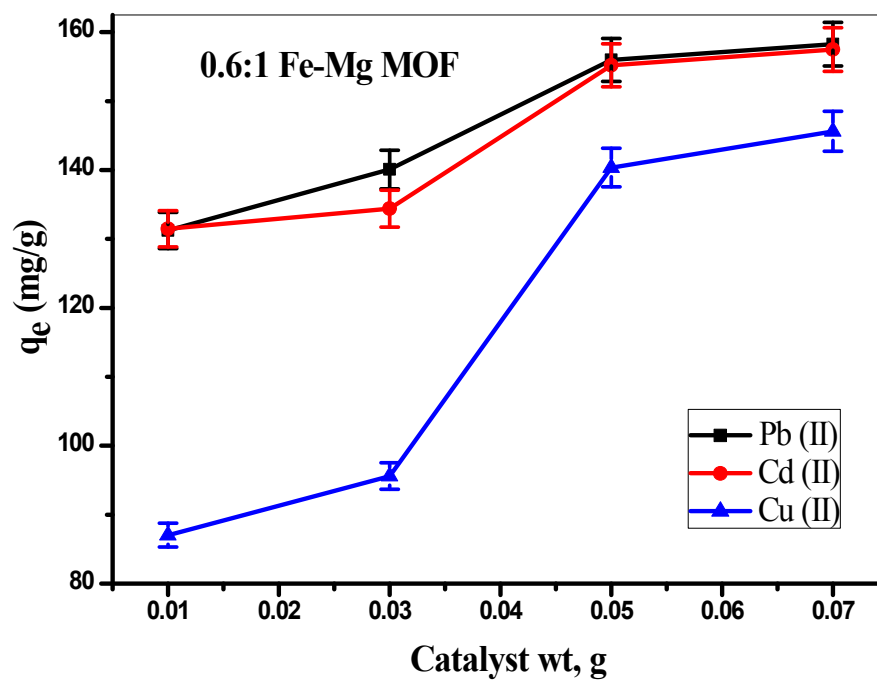
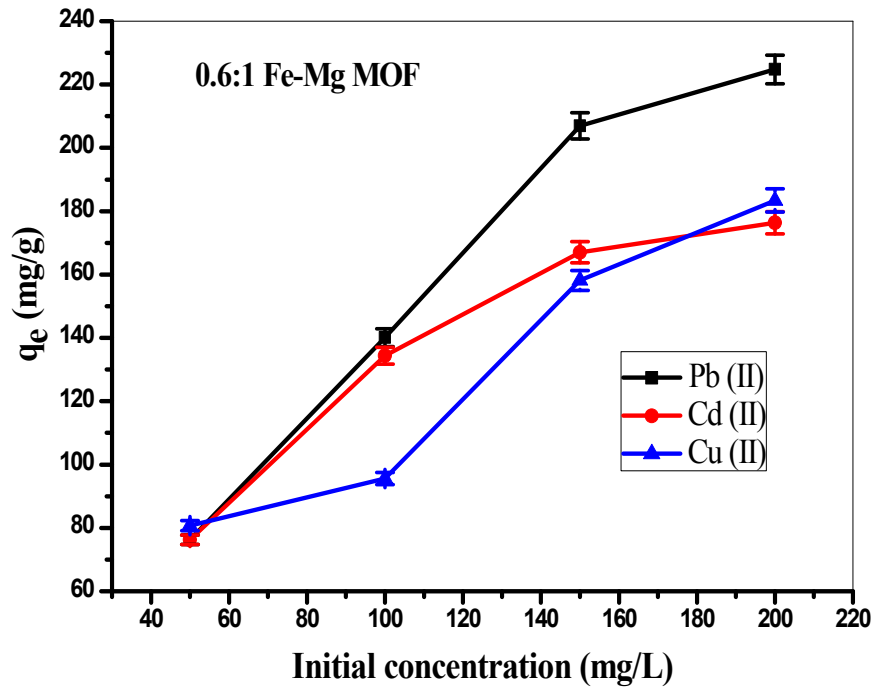


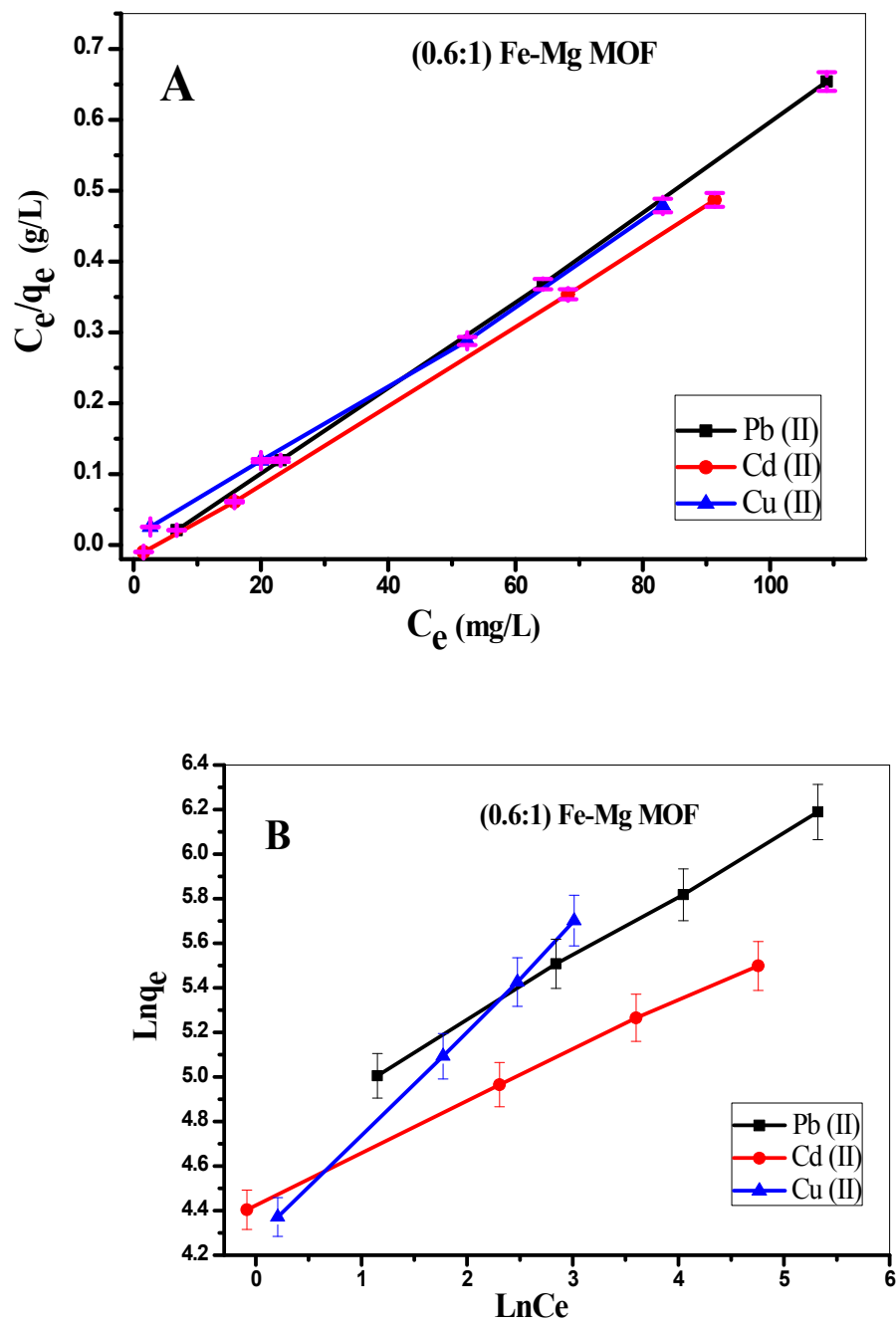
**Fig.S1.** Effect of contact time on the uptake of the heavy metal ions on MOF. The error bars represent the standard error.



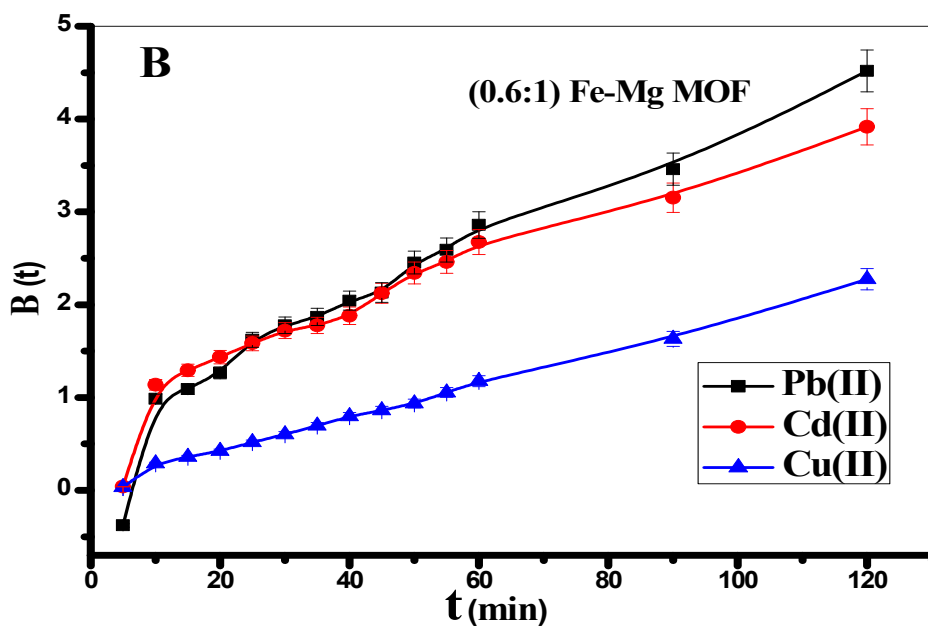
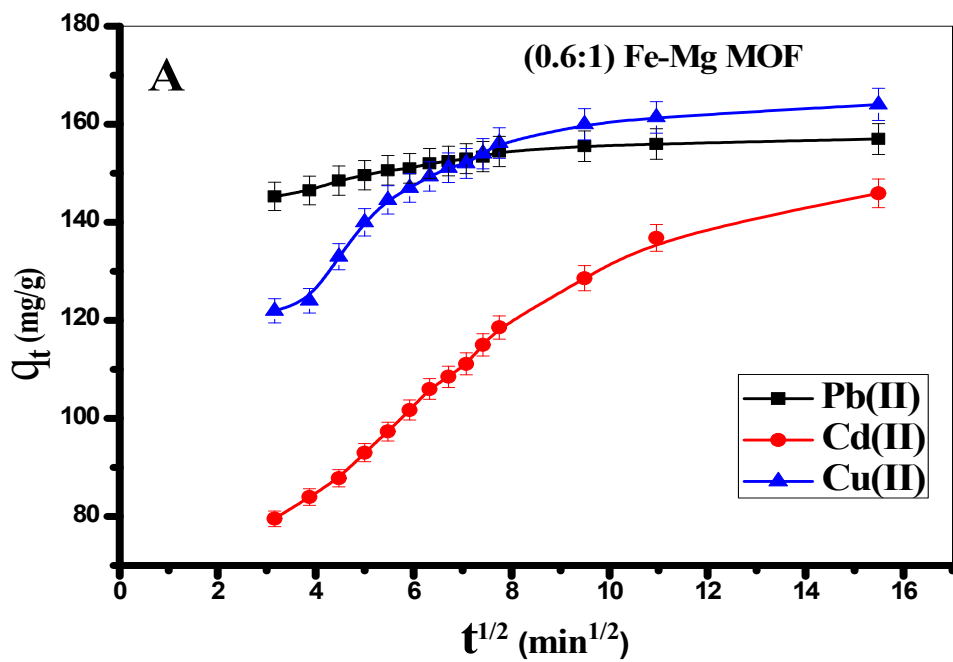
**Fig.S2.** Effect of MOF weight on adsorption of heavy metal ions. The error bars represent the standard error.



**Fig.S3.** Effect of the initial concentration of Pb(II), Cd(II) and Cu(II) ions on the adsorption process. The error bars represent the standard error.



**Fig.S4.** (A) Langmuir and (B) Freundlich isotherms for the adsorption of heavy metal ions on MOFs. The error bars represent the standard error.



**Fig.S5.** (A) Intraparticle diffusion and (B) Boyd plot of Pb(II), Cd(II) and Cu(II) using (0.6:1) Fe–Mg MOF sample. The error bars represent the standard error.