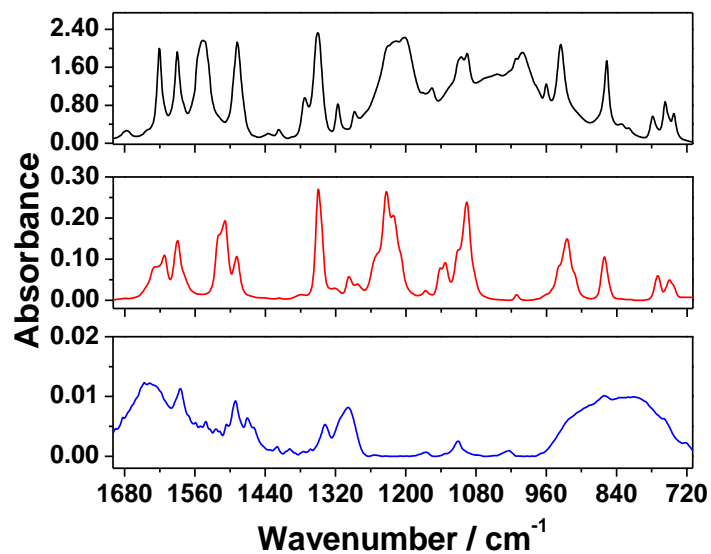
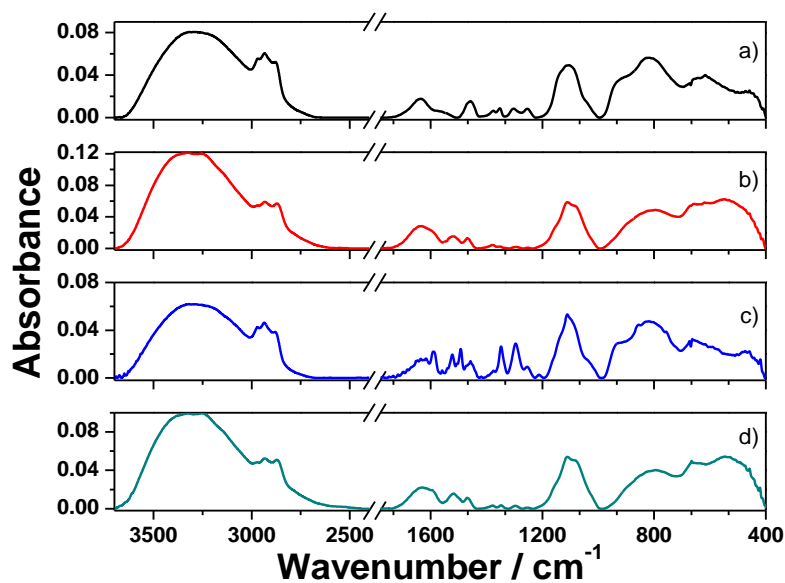


## Supporting Information for article

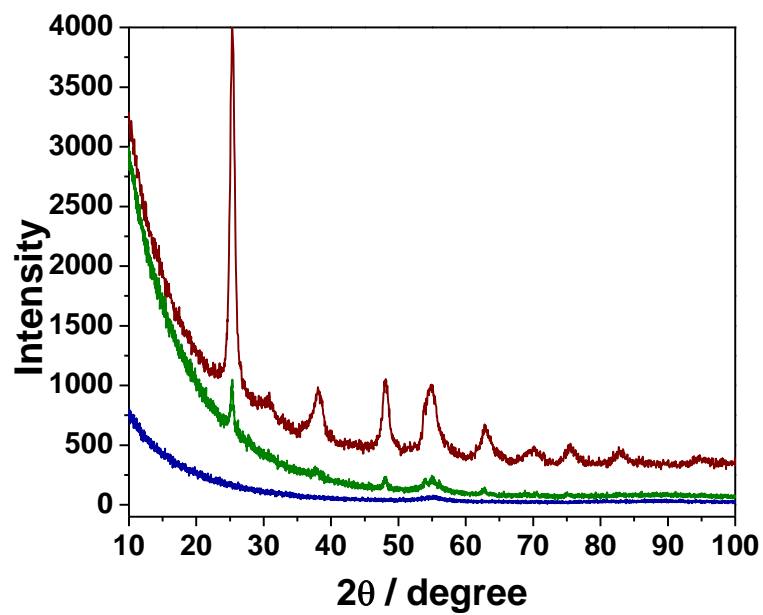
### Molecularly imprinted La-doped mesoporous titania films with hydrolytic properties toward organophosphate pesticides.



**Figure S1.** From top to bottom, FTIR Spectra of B4NPP (black line), B4NPP-La complex (red line) and dense titania MIF (blue line) deposited on silicon substrates, in the region 1700-710  $\text{cm}^{-1}$ .



**Figure S2.** From top. FTIR Spectra of NIF (a, b) and MIF (c,d) samples before and after buffer treatment.



**Figure S3.** From bottom, XRD patterns of Not Imprinted Film (NIF) treated 3h at 150 °C, 3h at 600 °C and 3h at 800 °C. The patterns show the increased stability of the anatase phase up to 800 °C due to the successful La-doping similarly to the Molecularly Imprinted Films (MIF) samples.