



Supplementary Figure 6 | Chemical stability of the Fe(10)/TRGO hybrid under air conditions and in a physiological solution assessed by ⁵⁷Fe Mössbauer spectroscopy. Room-temperature ⁵⁷Fe Mössbauer spectra of (a) the freshly-prepared Fe(10)/TRGO hybrid after primary purification, (b) the hybrid after one month of storage under ambient laboratory conditions in the air, and (c) the hybrid after one month of storage in a physiological solution.