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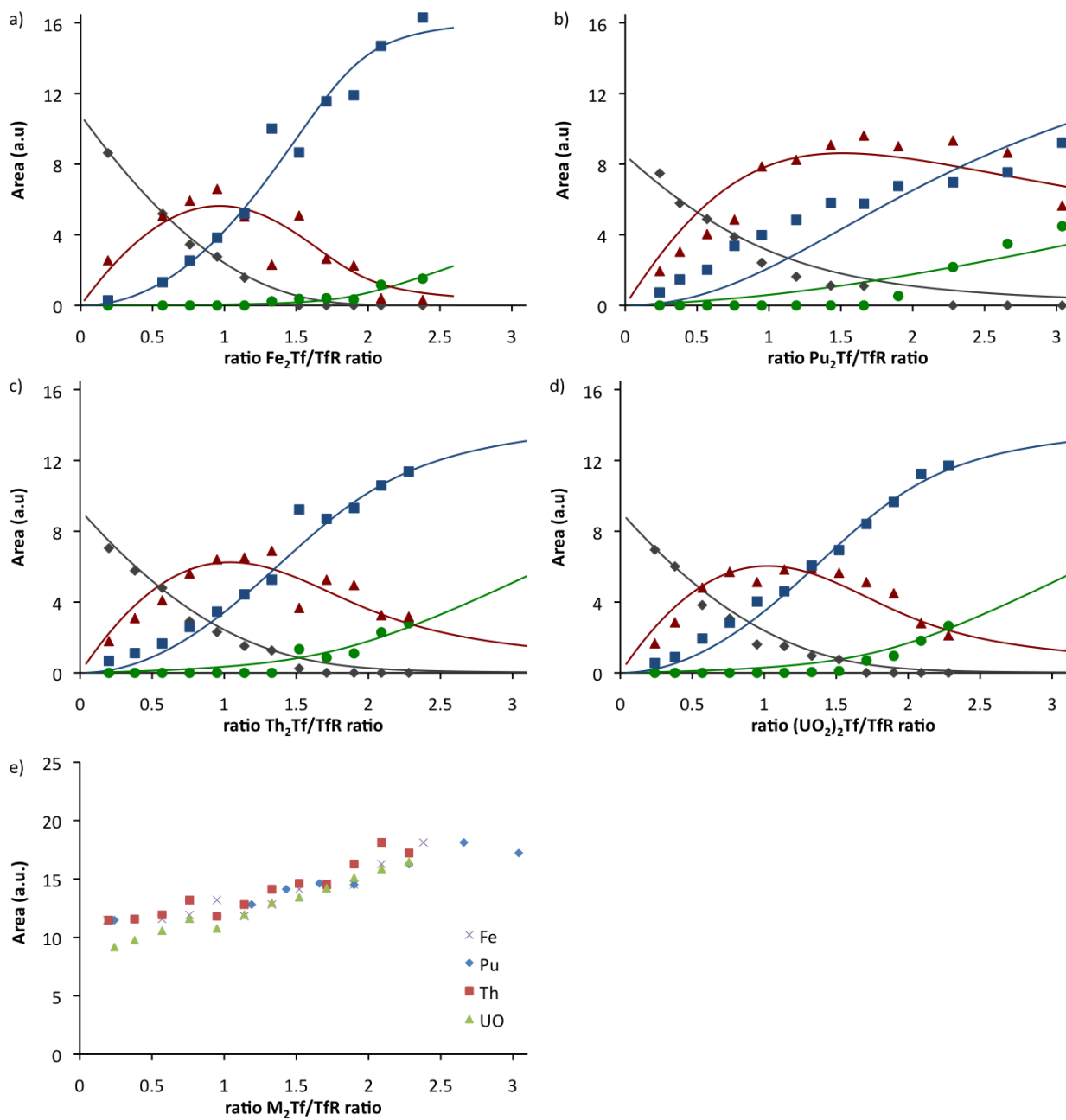
Supporting Information

Receptor recognition of transferrin bound to lanthanides and actinides: a discriminating step in cellular acquisition of *f*-block metals

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5 **Figure S1.** Extracted peak areas (data points) and corresponding fits (lines) obtain from the recorded chromatograms for samples containing 0.95 μM TfR and different M_2Tf concentrations with **a)** Fe_2Tf , **b)** $^{242}Pu_2Tf$, **c)** $^{232}Th_2Tf$, and **d)** $^{238}(UO_2)_2Tf$ in 100 mM NH_4HCO_3 , pH = 7.4, and eluted at a 0.1 mL min^{-1} flow rate. In all panels $TfR:(M_2Tf)_2$ complexes are represented by blue lines and squares, $TfR:(M_2Tf)$ by red lines and triangles, TfR by grey lines and diamonds, and M_2Tf by green lines and circles. **e)** Sum of the extracted peak areas for each species detected during the TfR binding assay with Fe, Pu, Th and UO_2 , indicating the same metal-independent total amount of detected compounds but a different distribution as shown above.

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