Electronic Supplementary Material (ESI) for Metallomics
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LC– and CZE–ICP-MS approaches for the *in vivo* analysis of the anticancer drug candidate sodium *trans*-[tetrachloridobis(1*H*-indazole)ruthenate(III)] (KP1339) in mouse plasma

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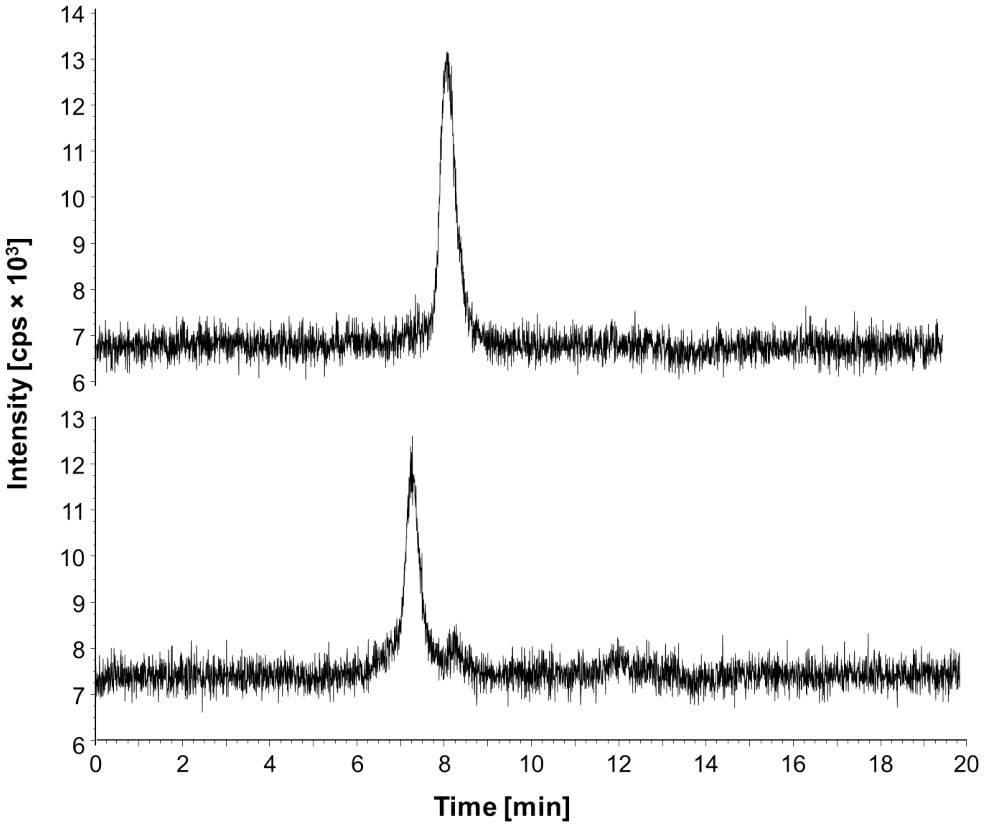

Figure S1. ^{48}SO trace recorded in an offline SEC-SEC-ICPMS run of fractions M60-1_B (bottom) and M60-1_C (top)

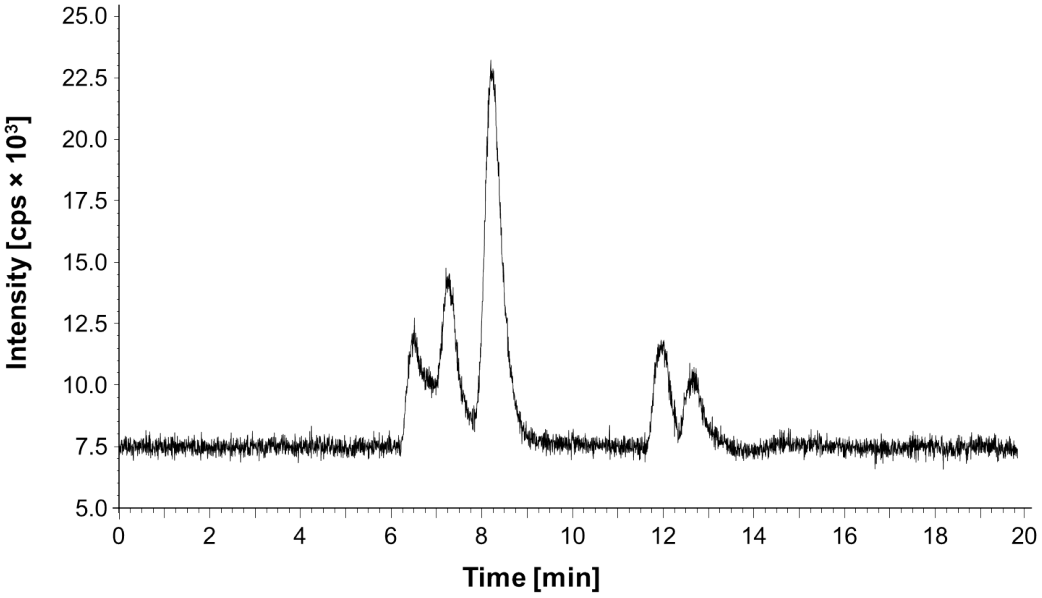

Figure S2. ^{48}SO trace recorded in an off-line SEC-SEC-ICPMS run of fraction M60-1_A.

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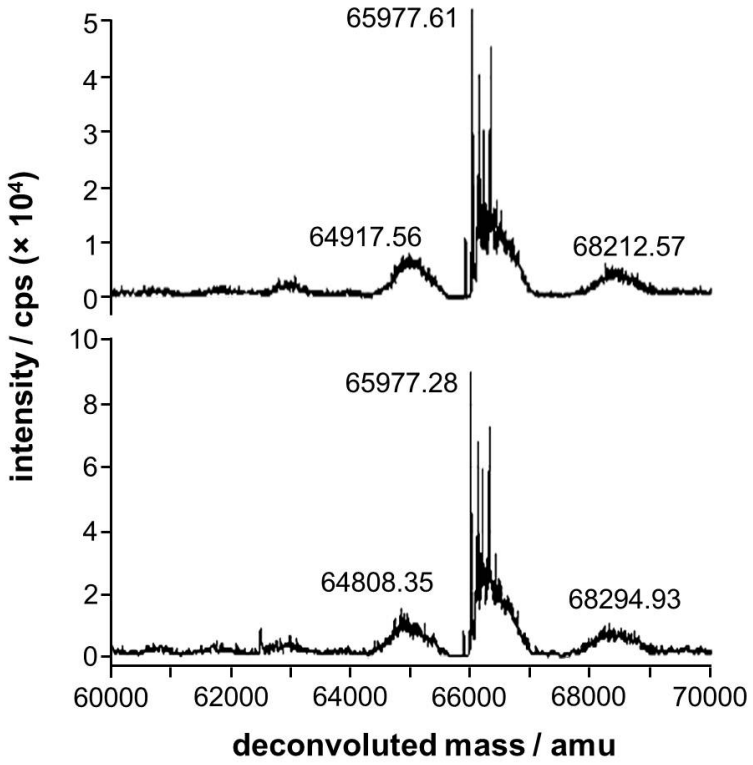

Figure S3. Deconvoluted masses of intact mouse serum albumin obtained by LC-ESI-TOF-MS determination of fraction M60-1_A (bottom) and M60-1_C (top).

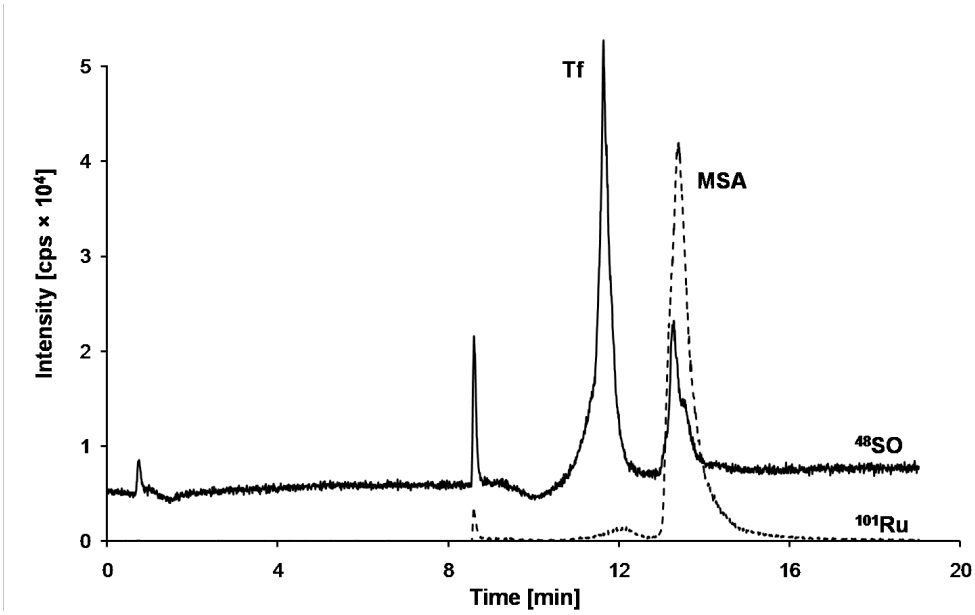

Figure S4. SEC-IC–ICP-MS determination: ^{48}SO trace recorded in an HSA/Tf mix standard (concentration 0.45 g/L each, peak at 8 min system peak due to valve switching[26]). The ^{101}Ru trace shows the SEC-IC–ICP-MS chromatogram obtained for the mouse plasma sample M50-1a.

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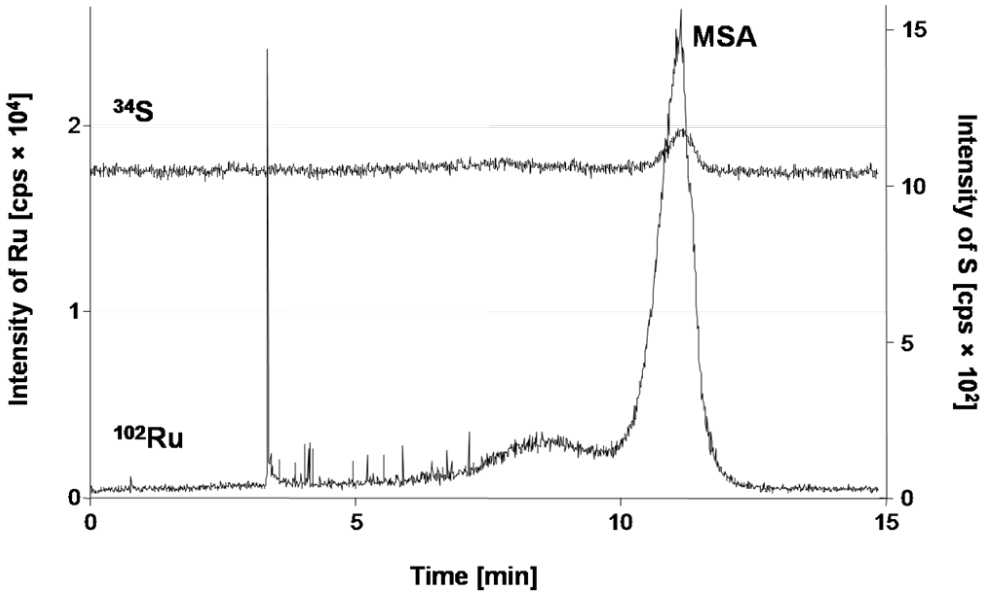

Figure S5. Electropherogram of the mouse plasma sample M40-7a. Shown are the ^{102}Ru and ^{34}S traces.

Table S1. Comparison of the theoretical and experimentally determined, normalized KP1339/HSA ratios (n = 3).

	KP1339/HSA			
theoretical	0.5	1	2	3
experimental	0.58 ± 0.03	1.09± 0.09	2.18± 0.28	3.15± 0.09