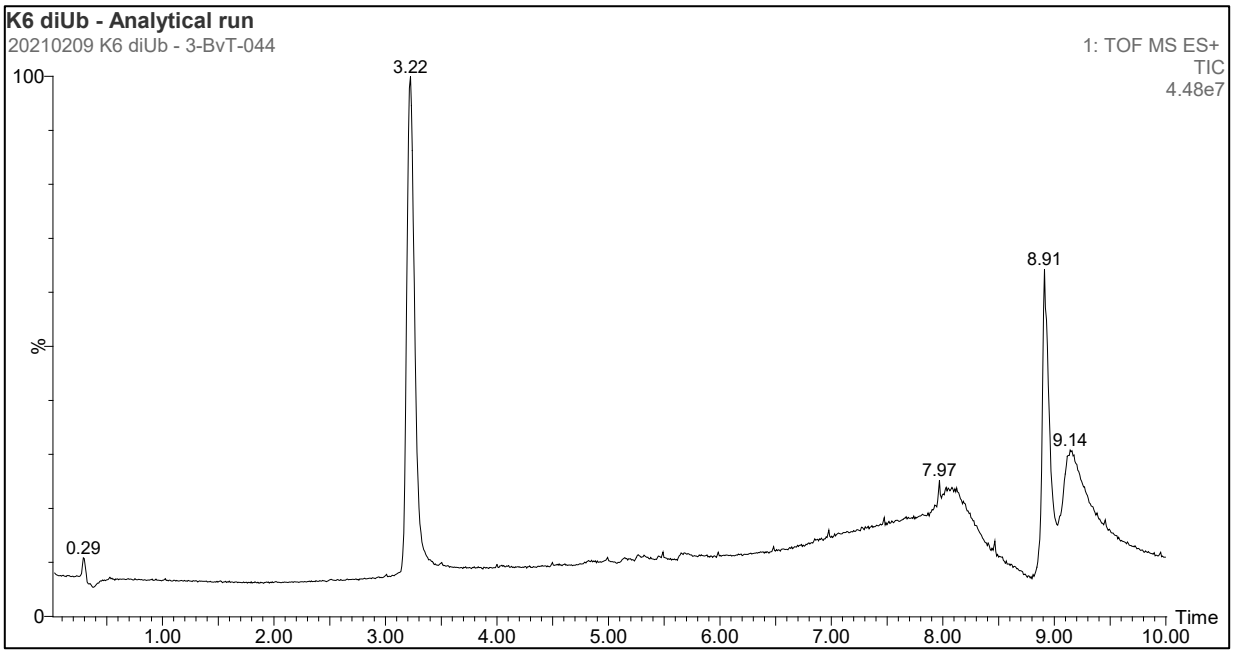
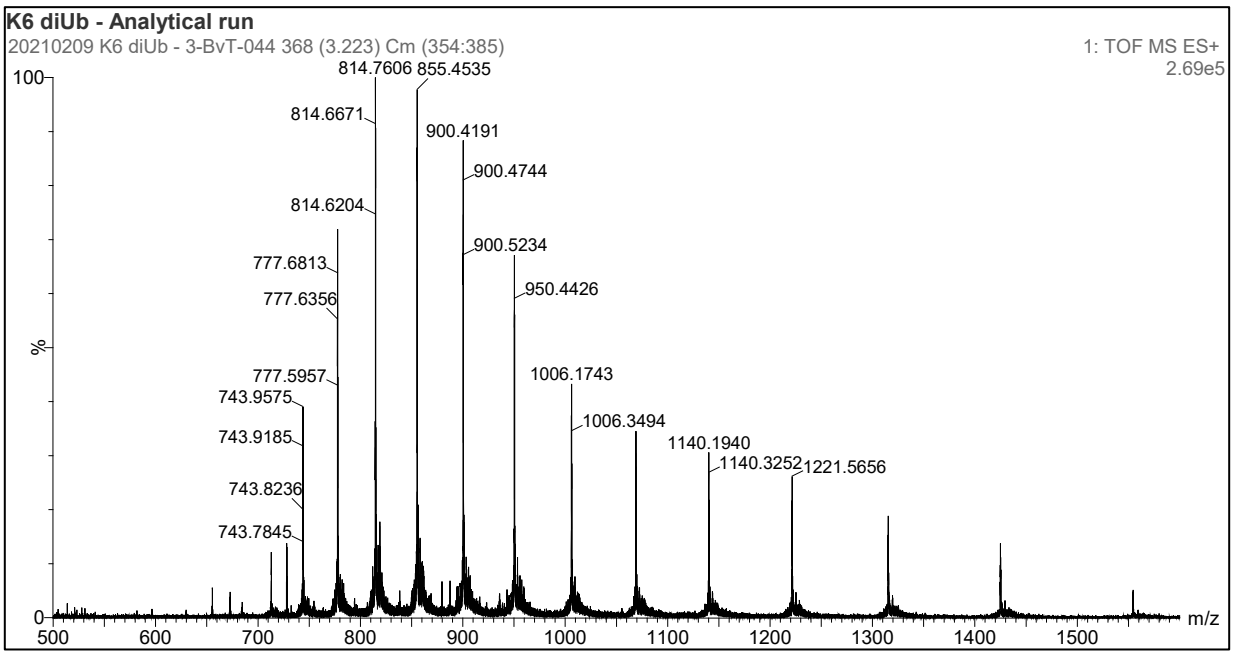
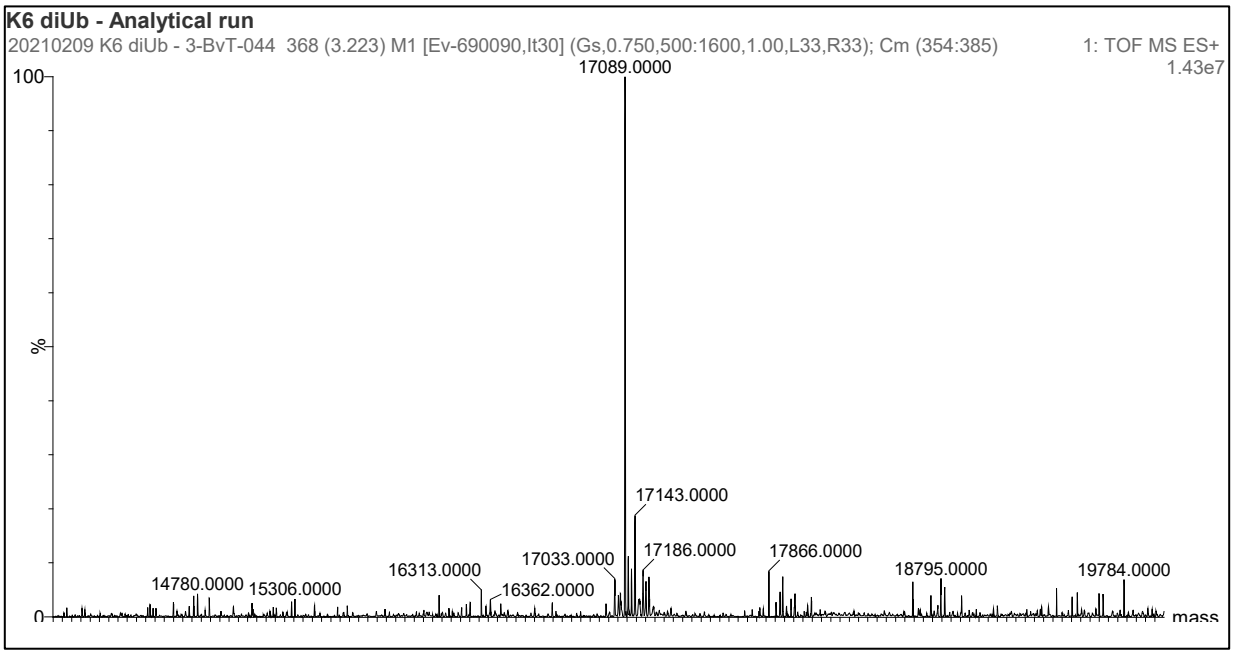
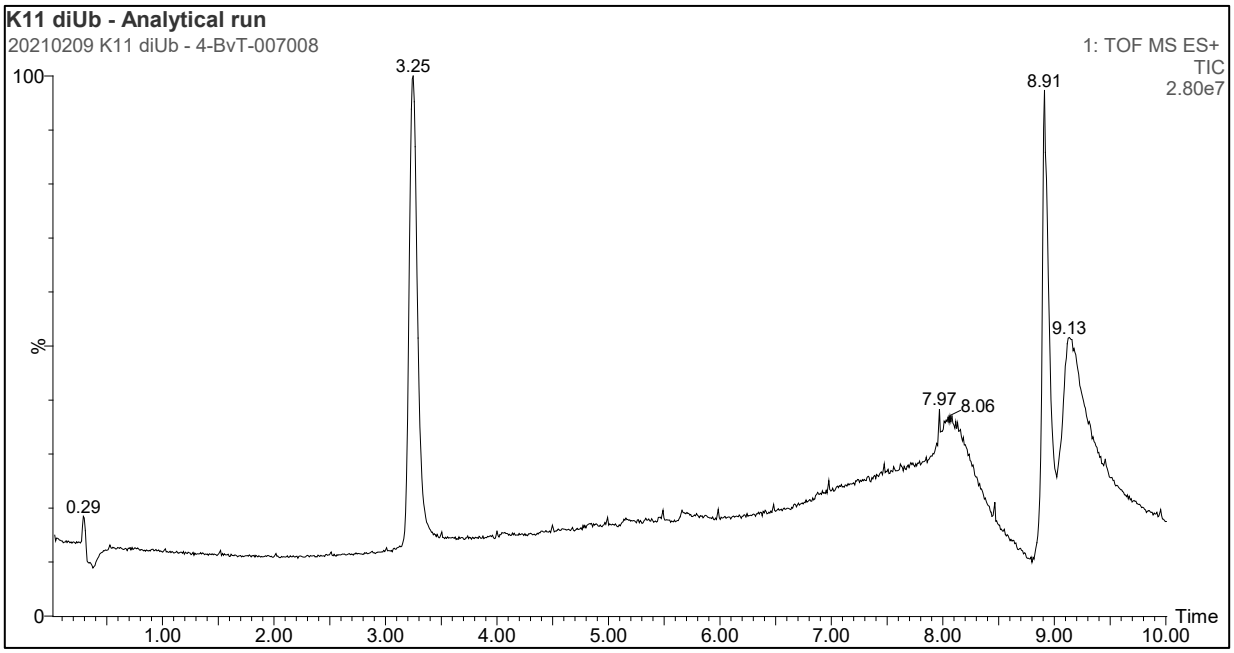
Neutron-encoded K6-linked diUb (4a) **System 2- Gradient 3**

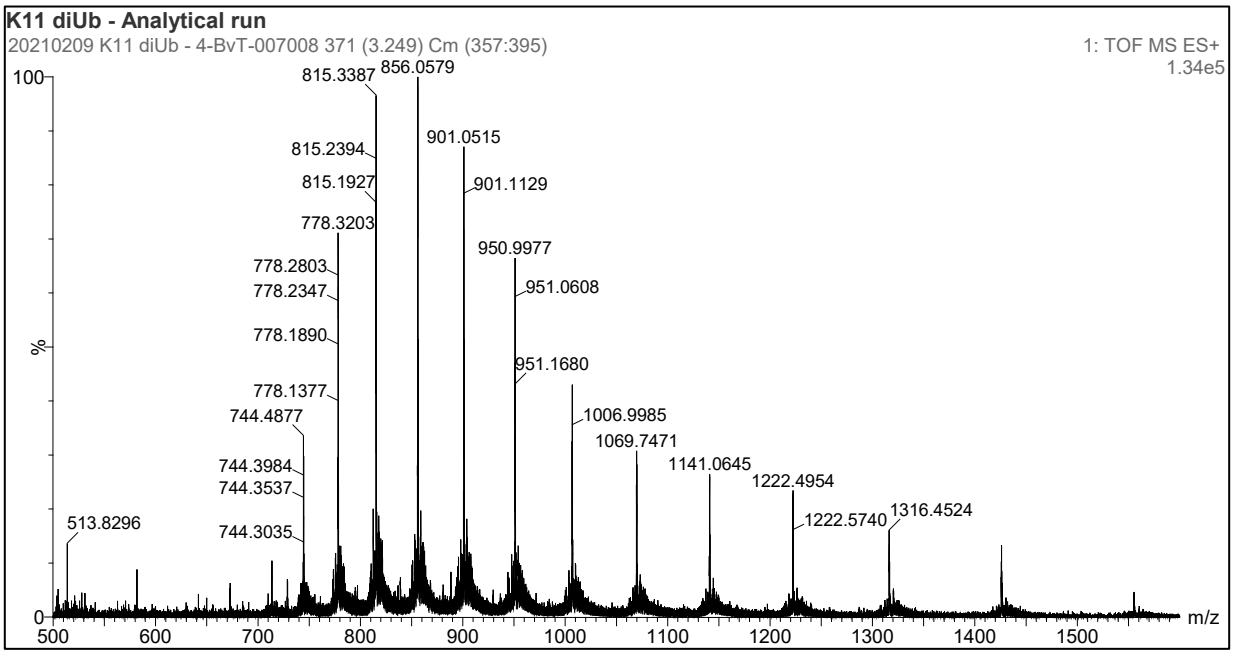


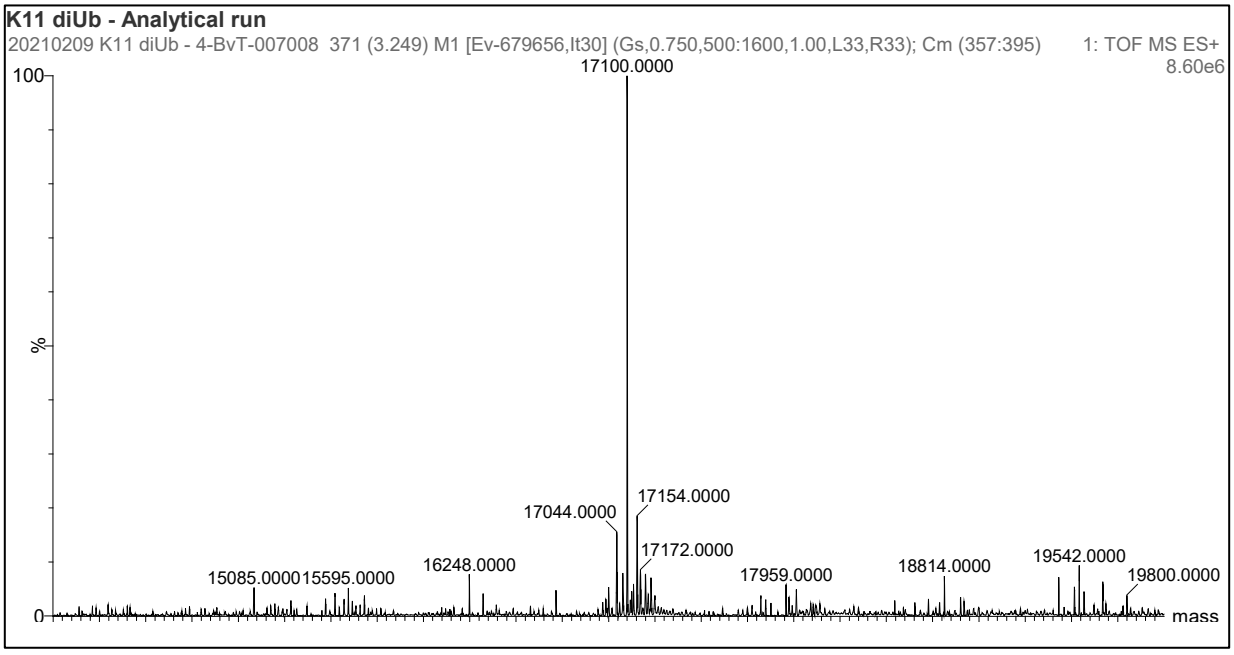




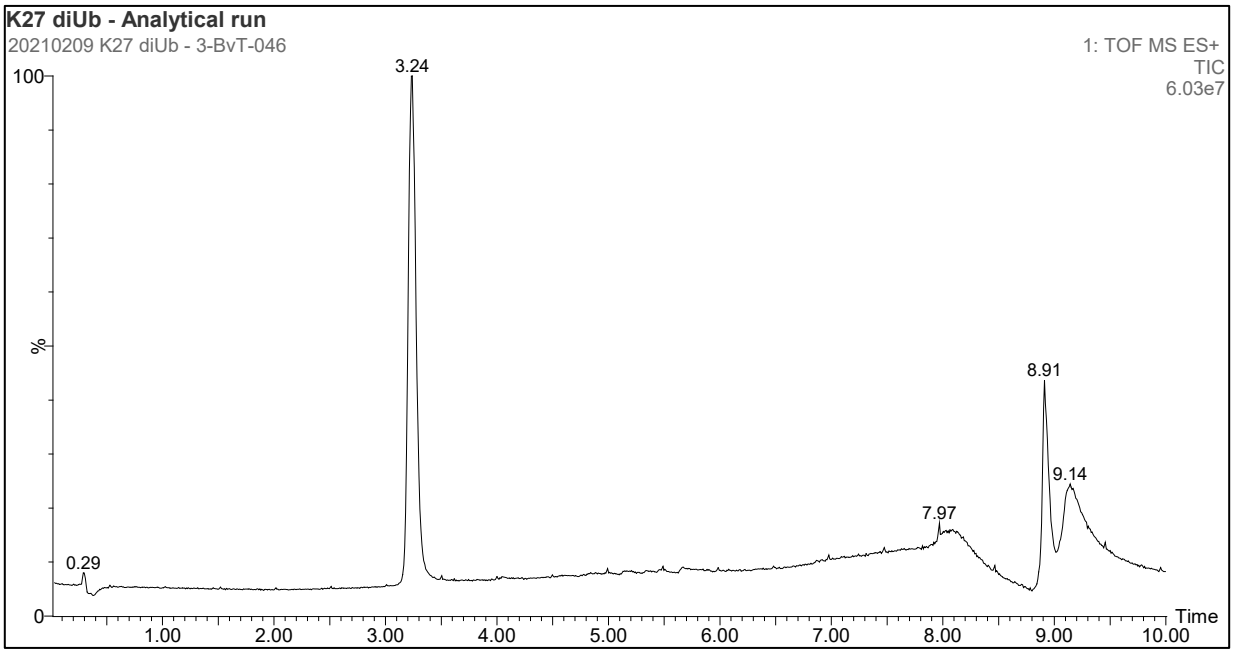
Neutron-encoded K11-linked diUb (4b) **System 2- Gradient 3**

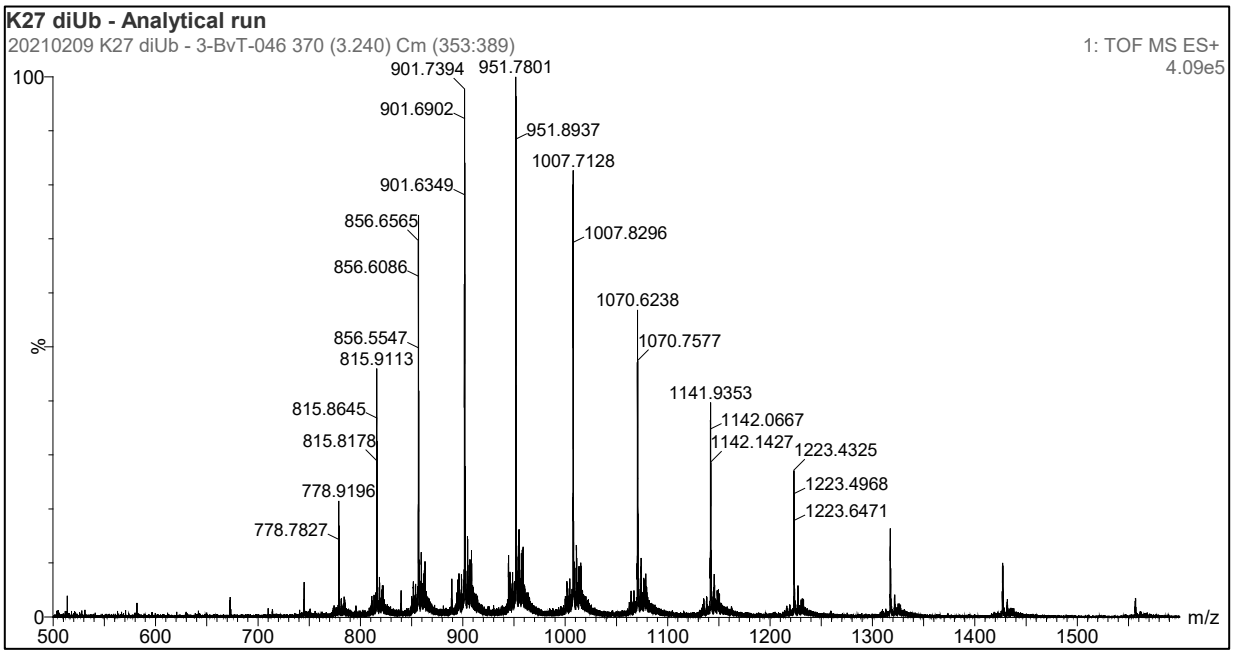


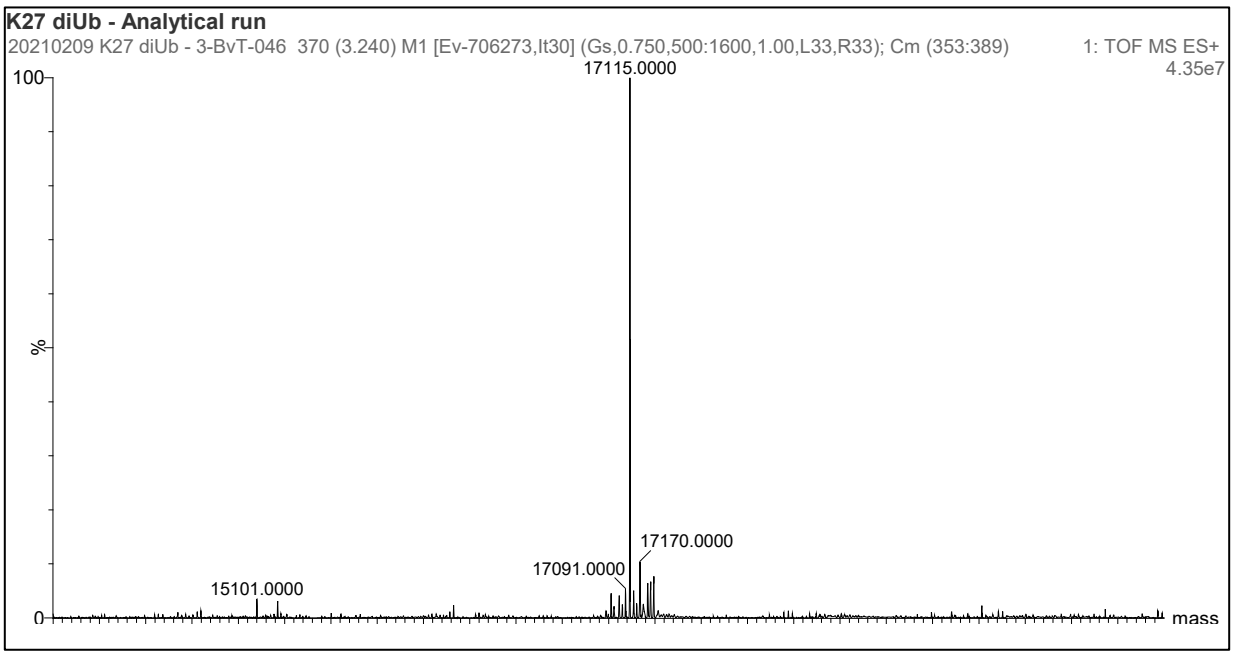




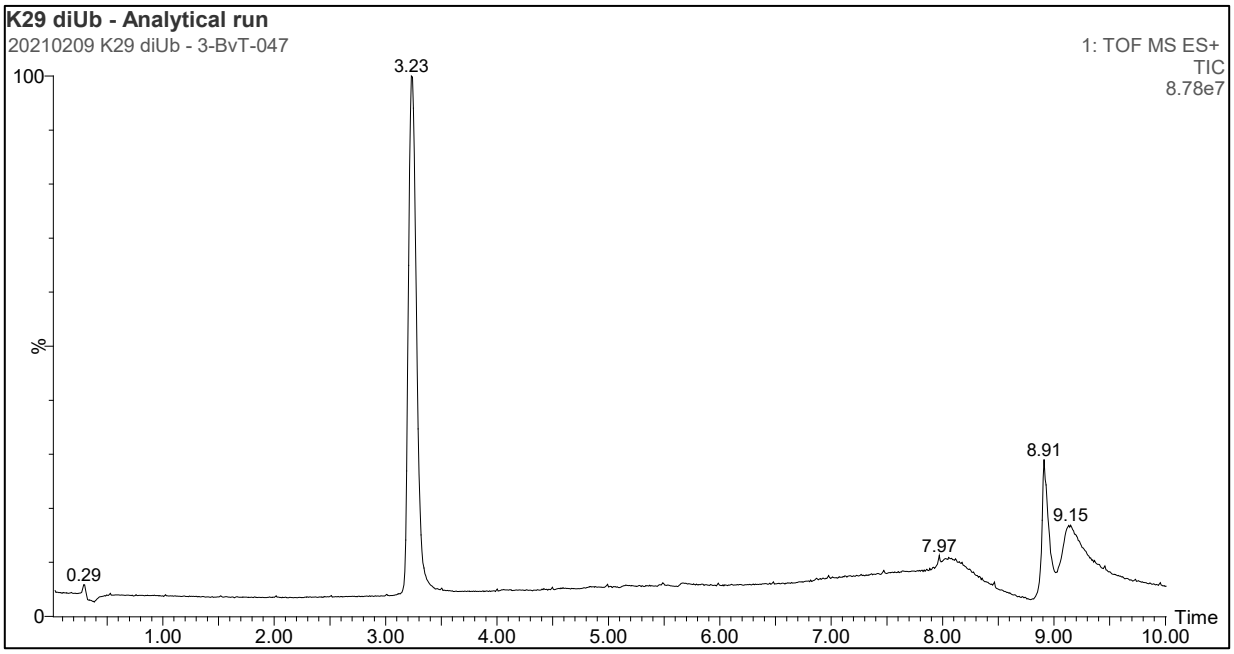
Neutron-encoded K27-linked diUb (4c) **System 2- Gradient 3**

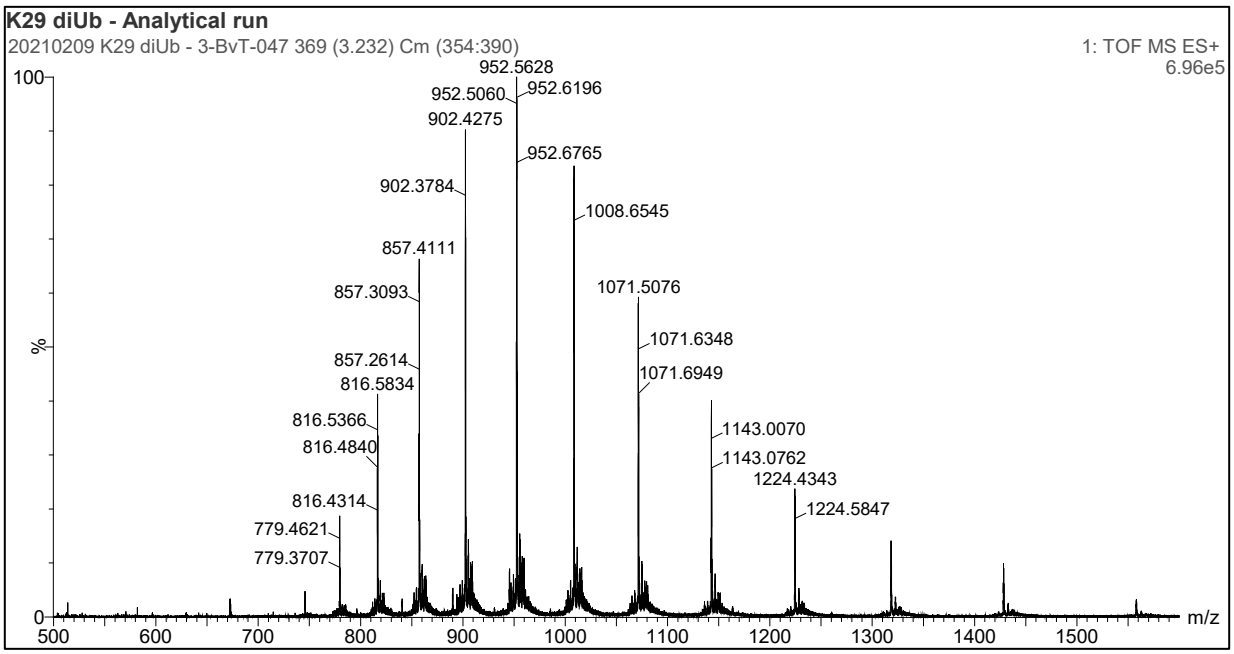


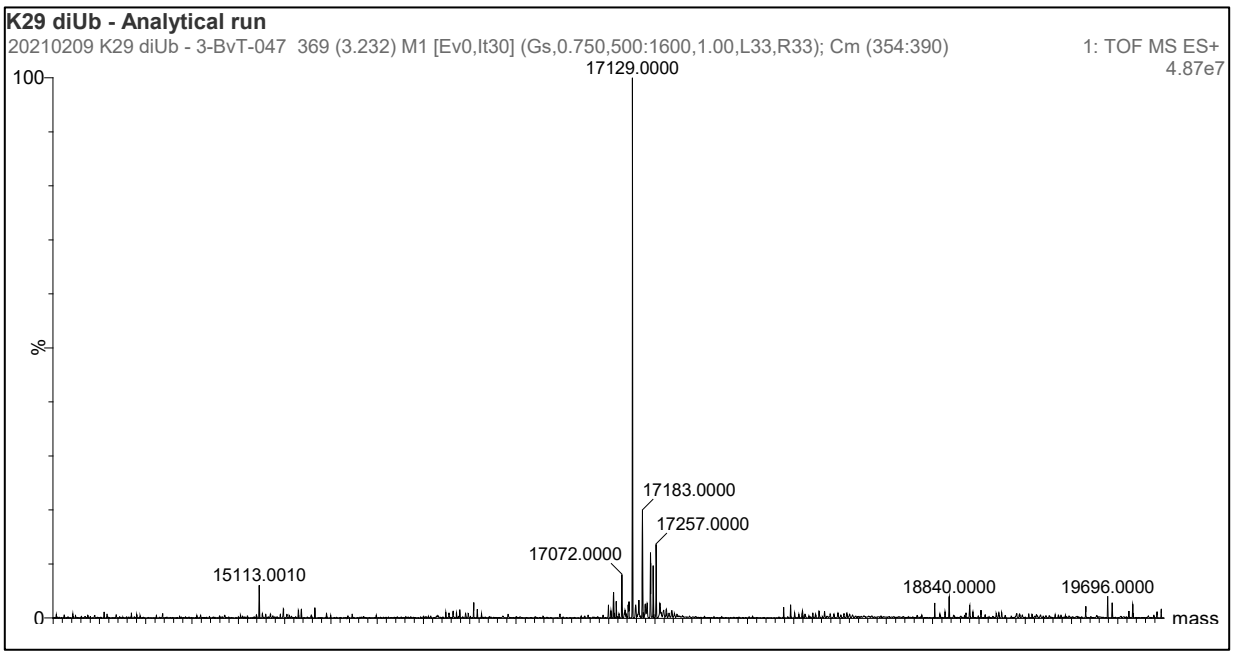




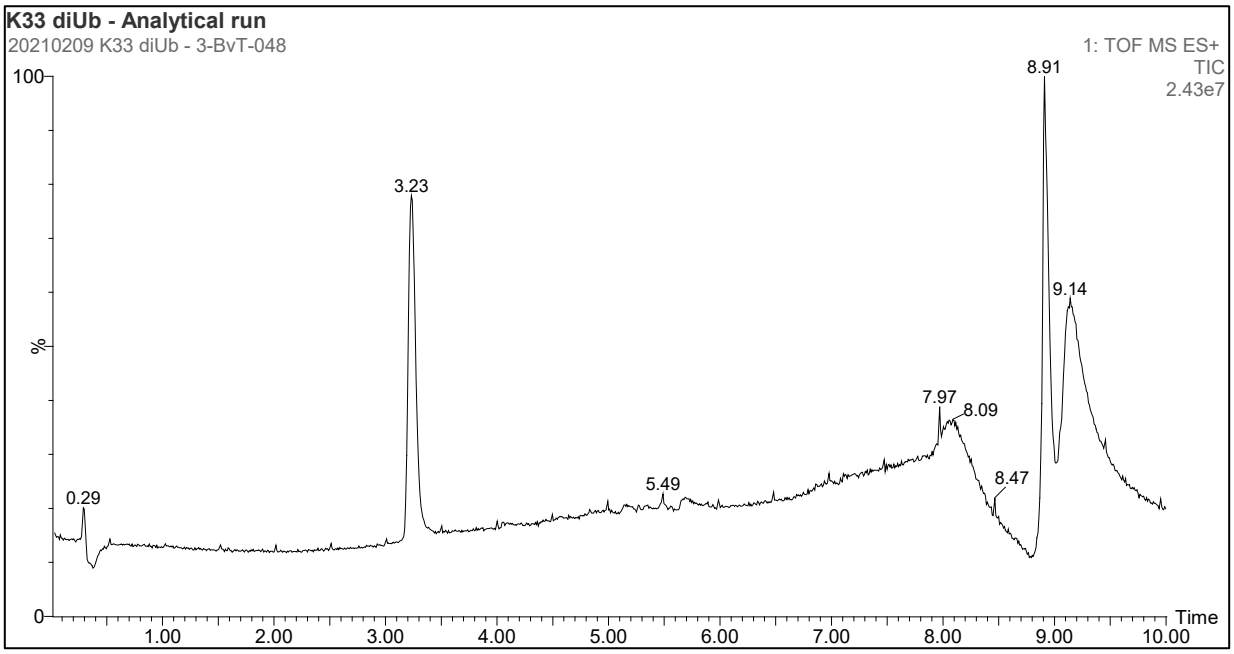
Neutron-encoded K29-linked diUb (4d) **System 2- Gradient 3**

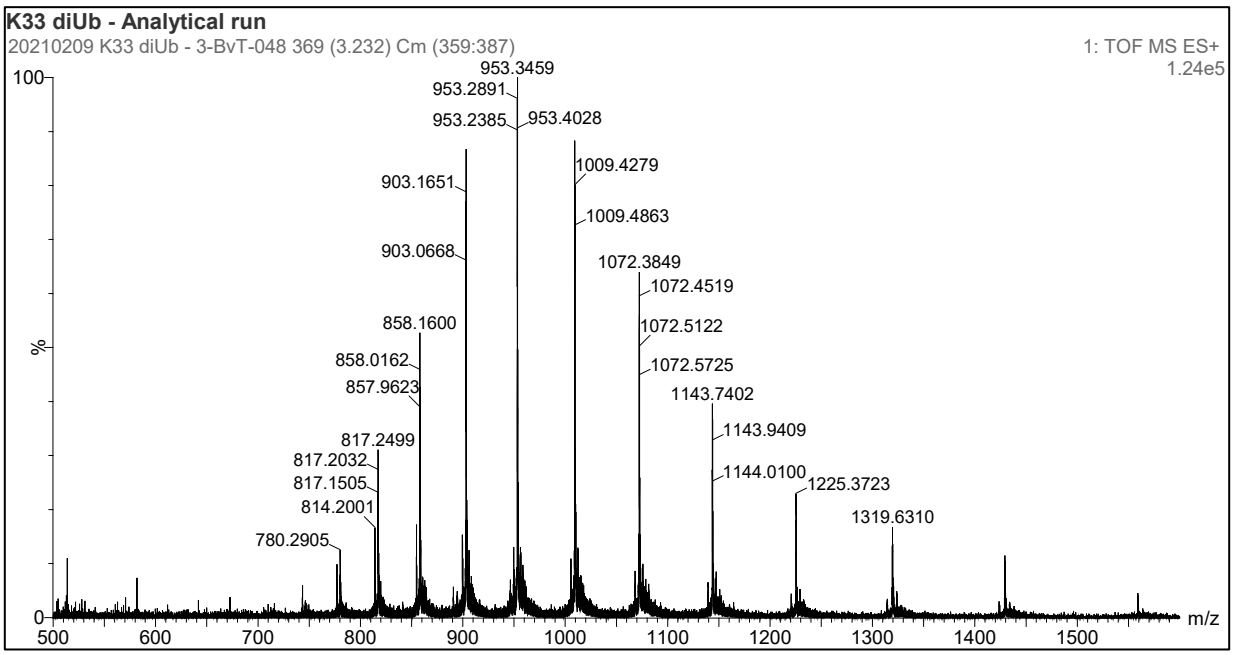


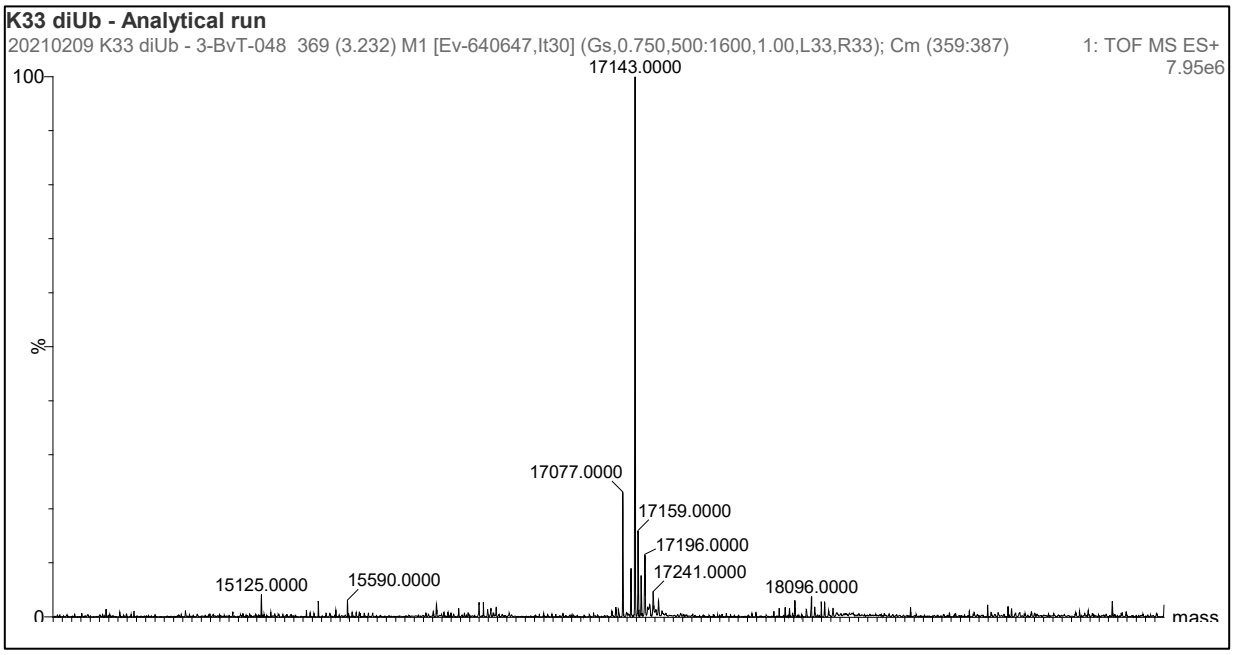




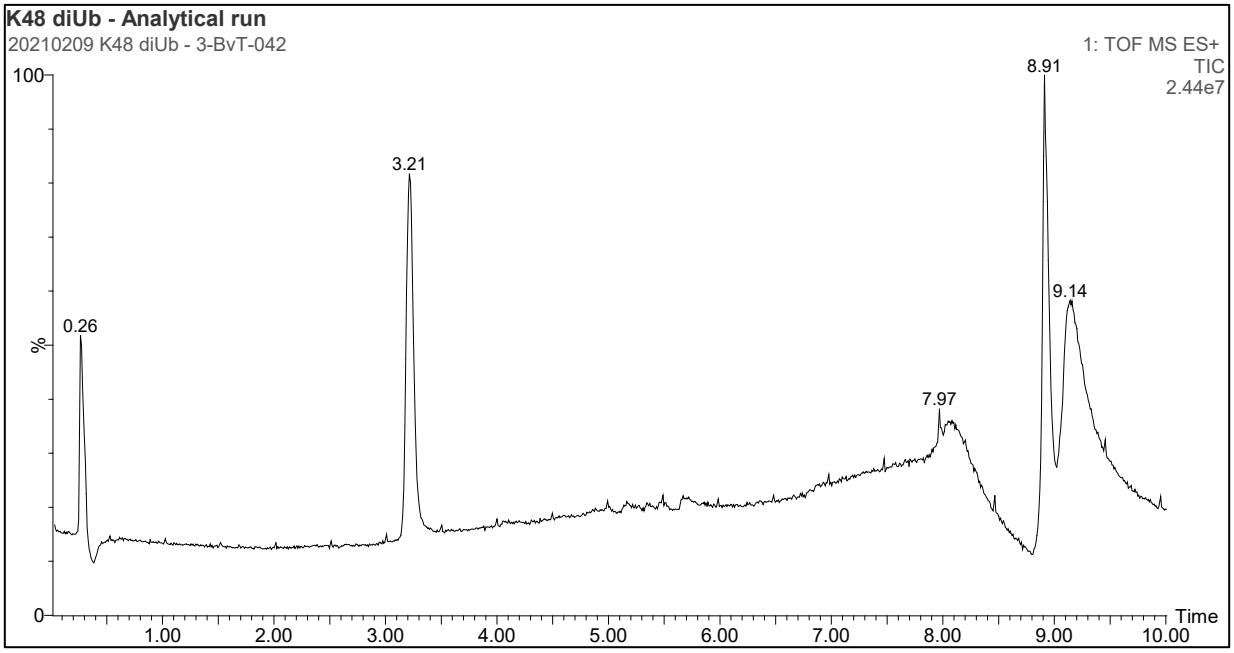
Neutron-encoded K33-linked diUb (4e) **System 2- Gradient 3**

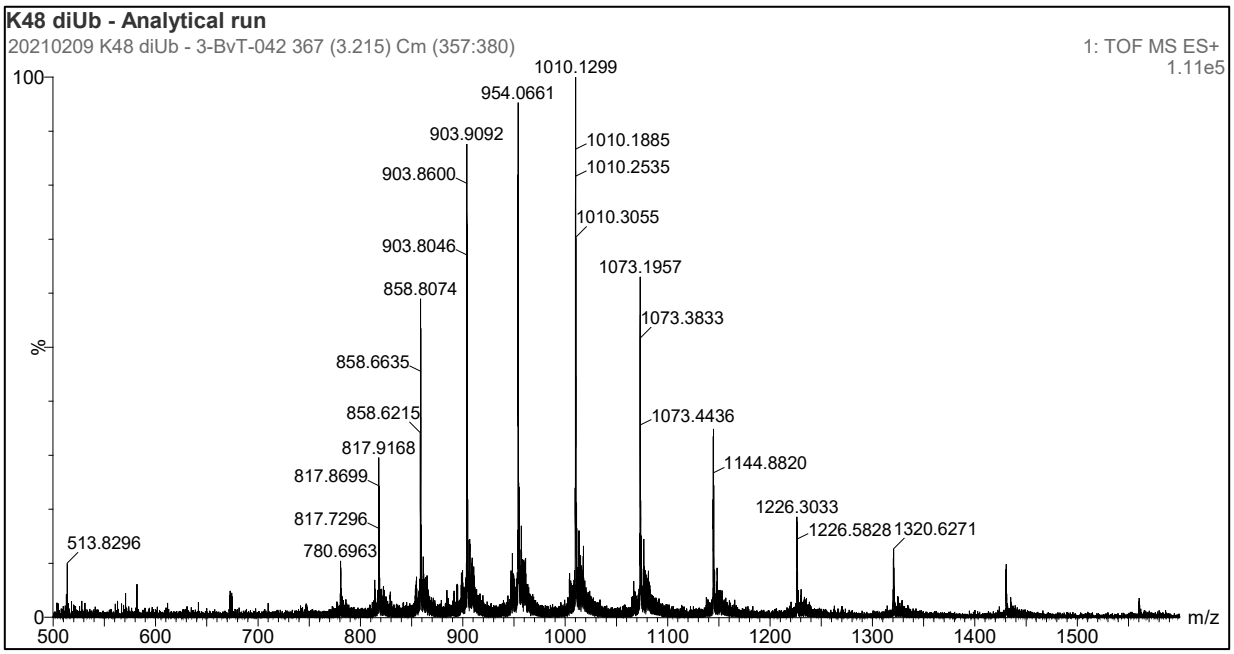


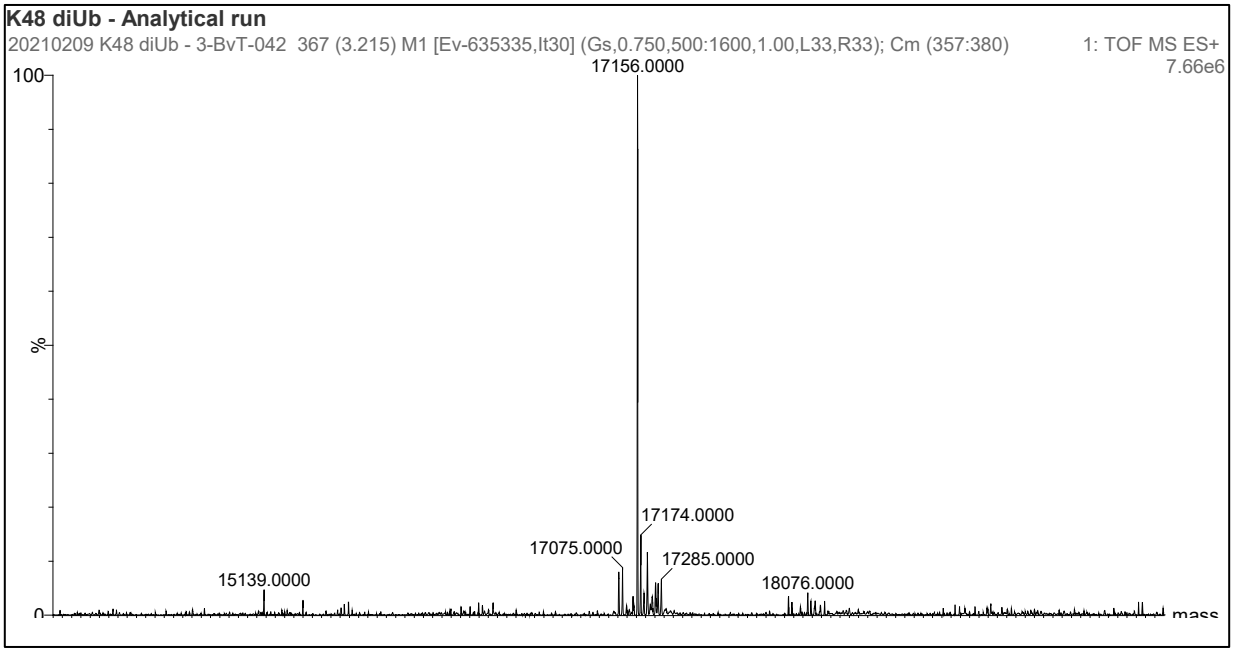




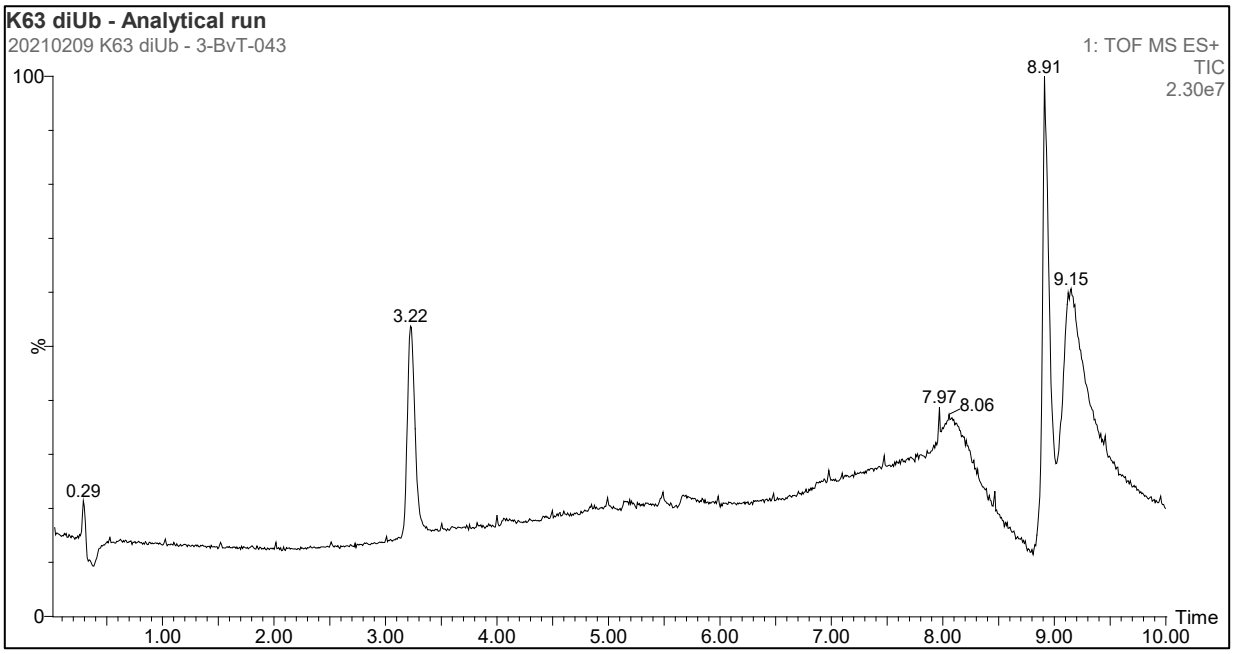
Neutron-encoded K48-linked diUb (4f) **System 2- Gradient 3**

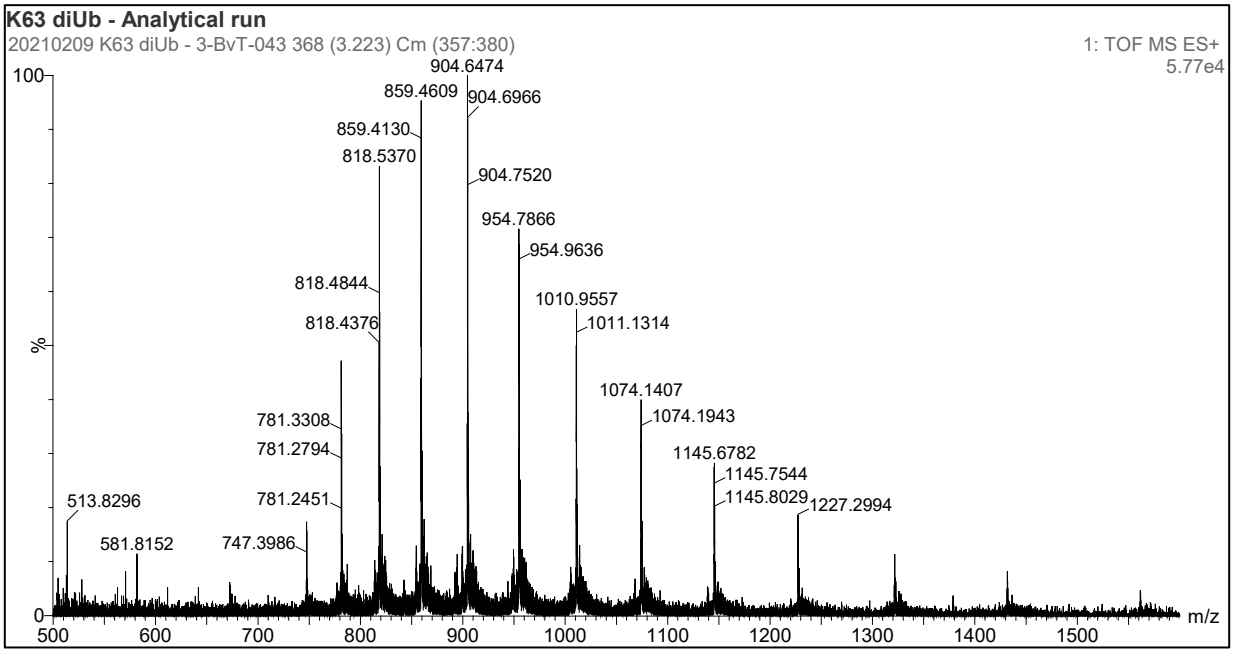


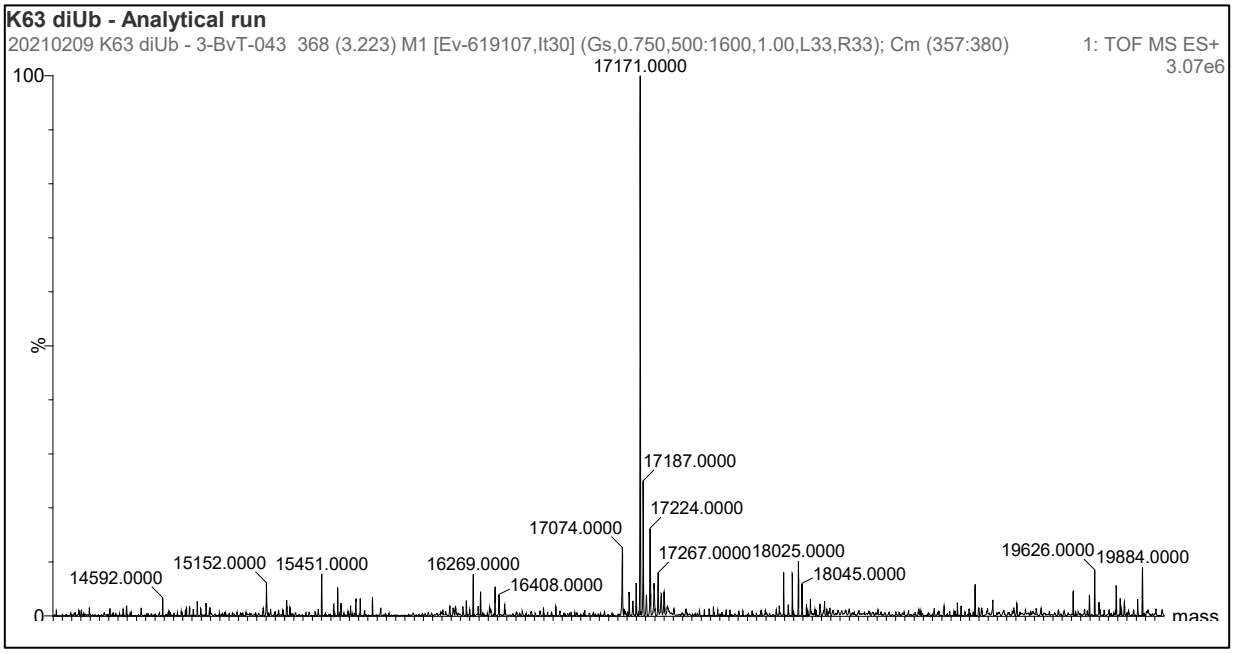




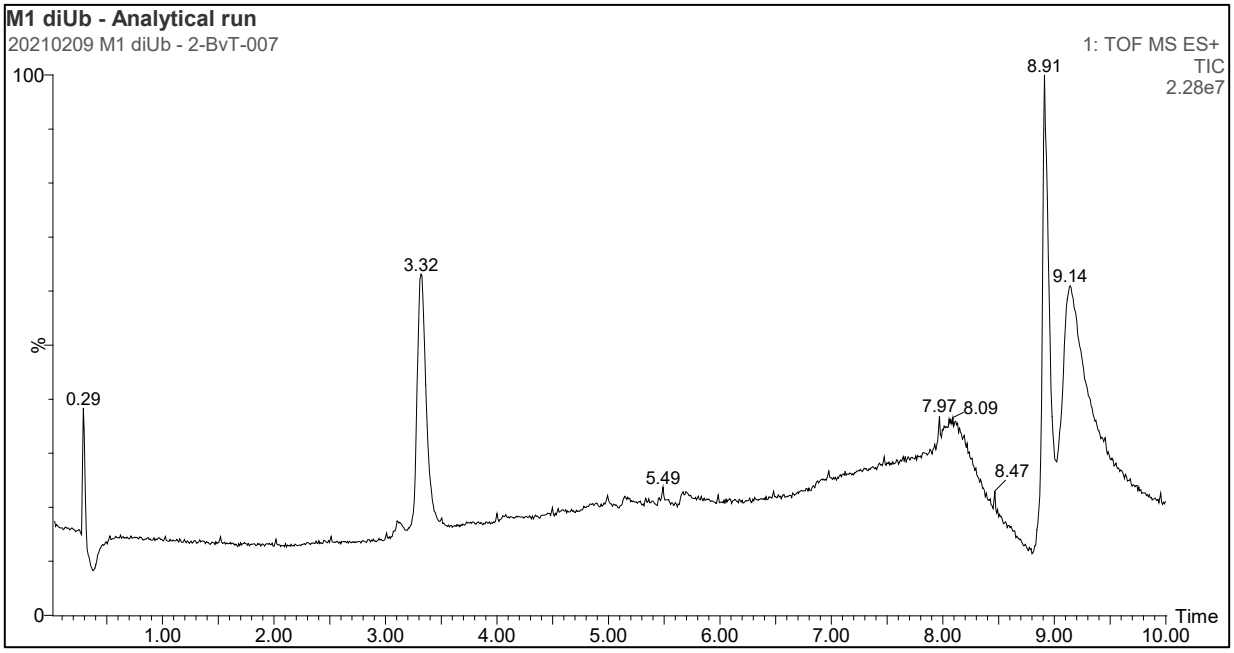
Neutron-encoded K63-linked diUb (4g) **System 2- Gradient 3**

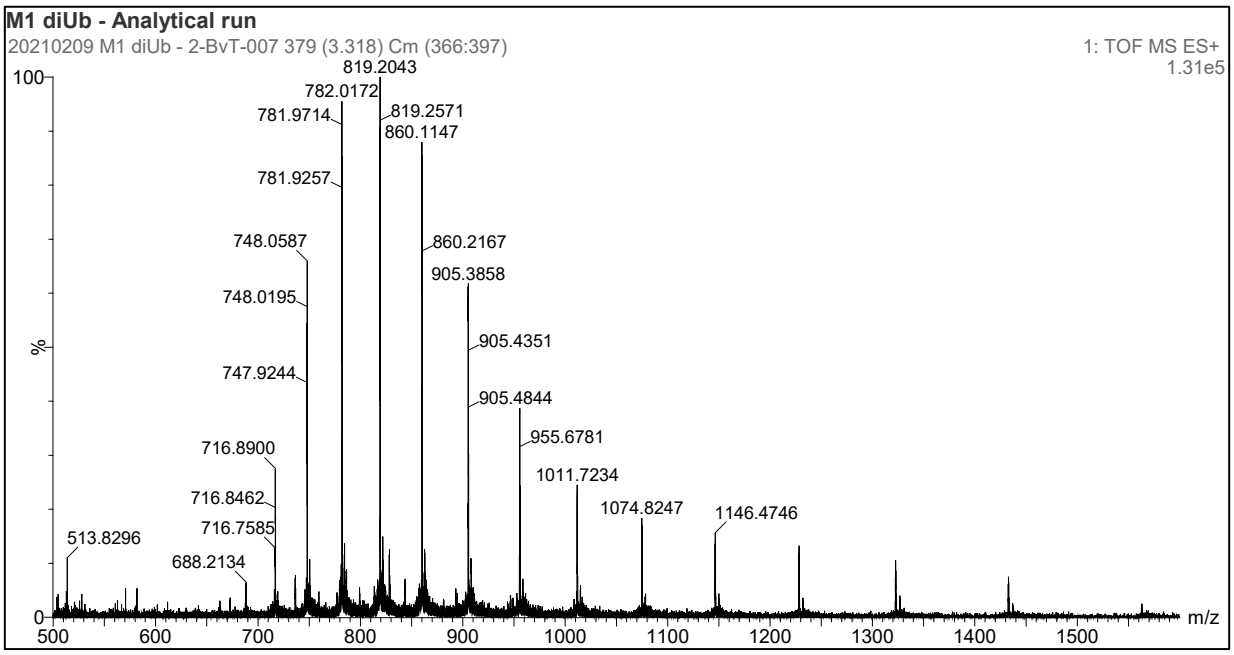


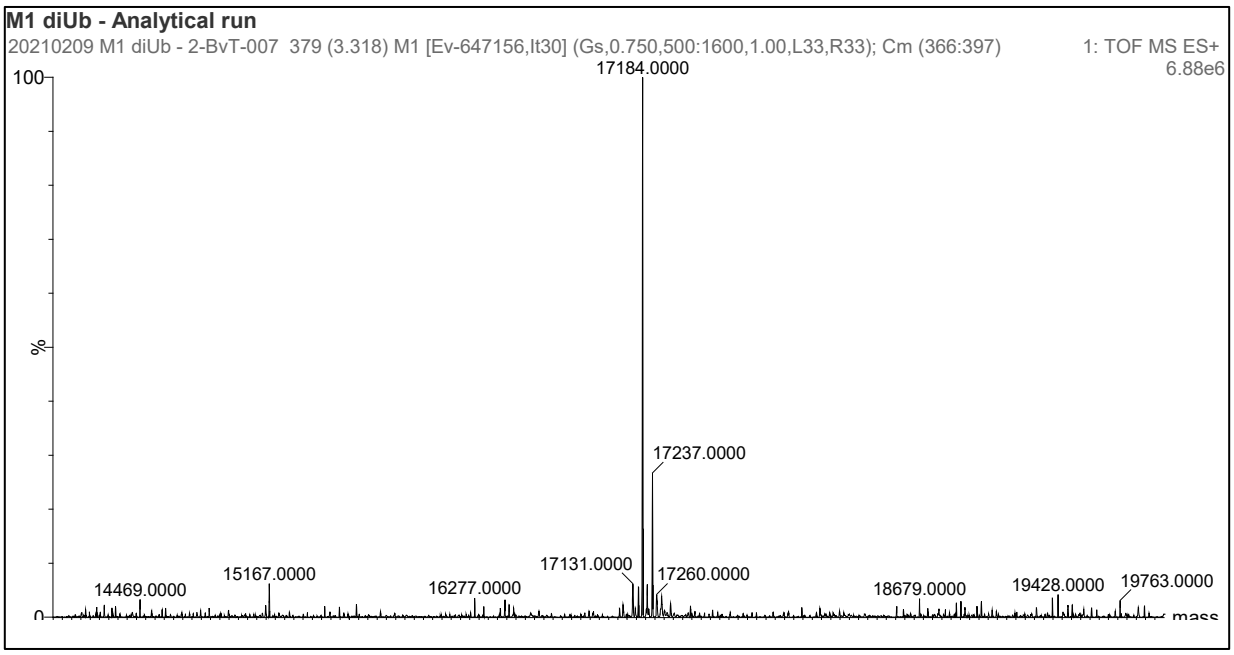




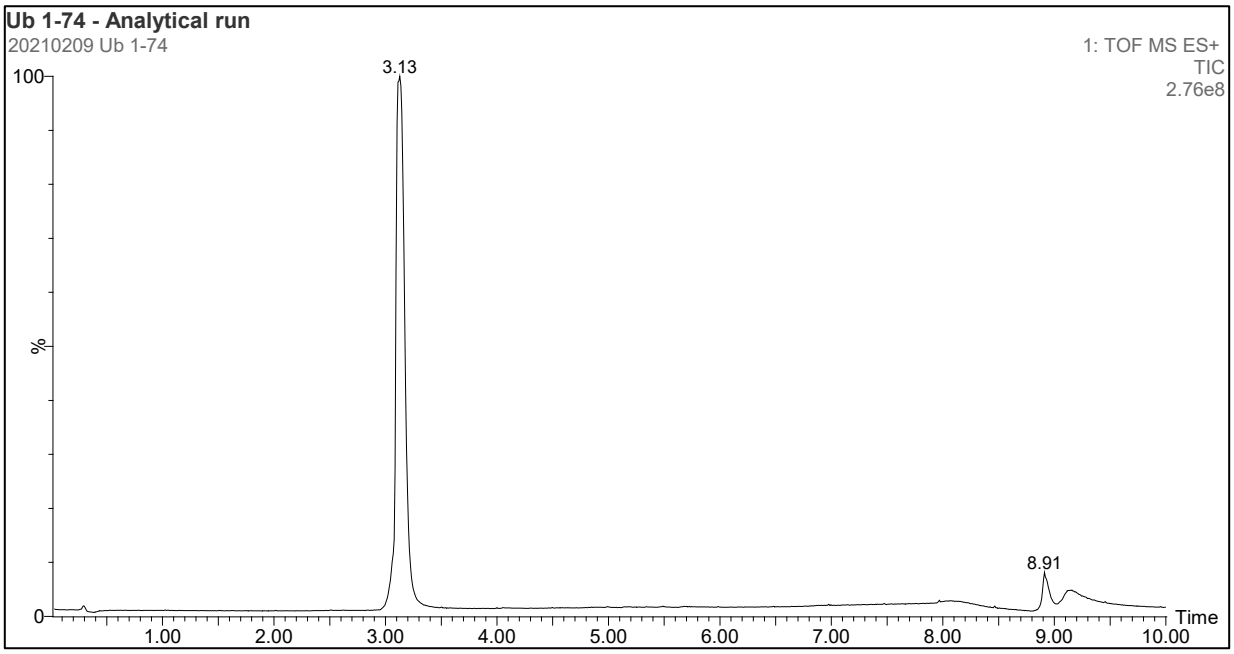
Neutron-encoded M1-linked diUb (5) **System 2- Gradient 3**

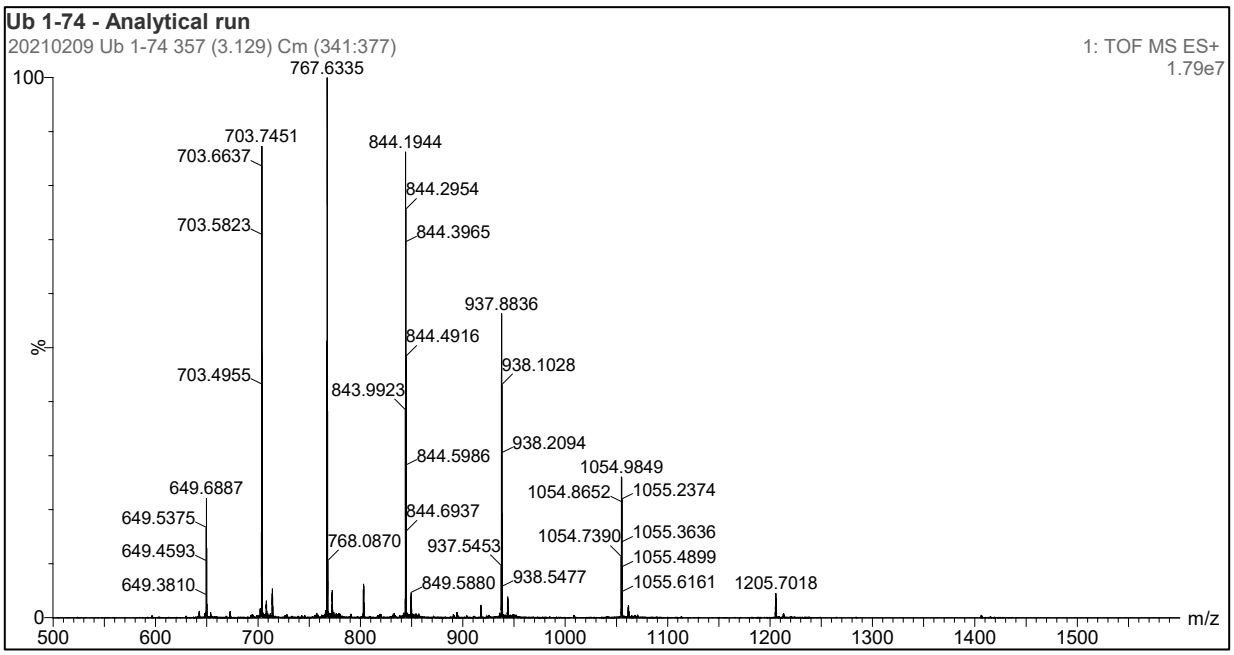


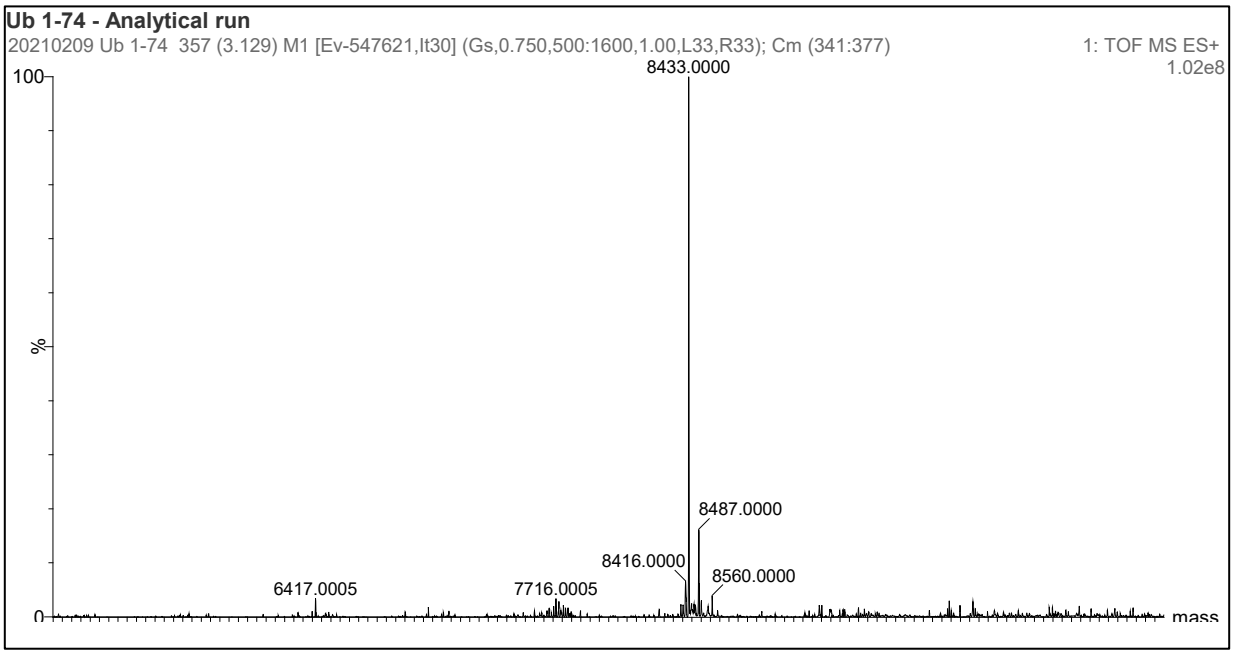




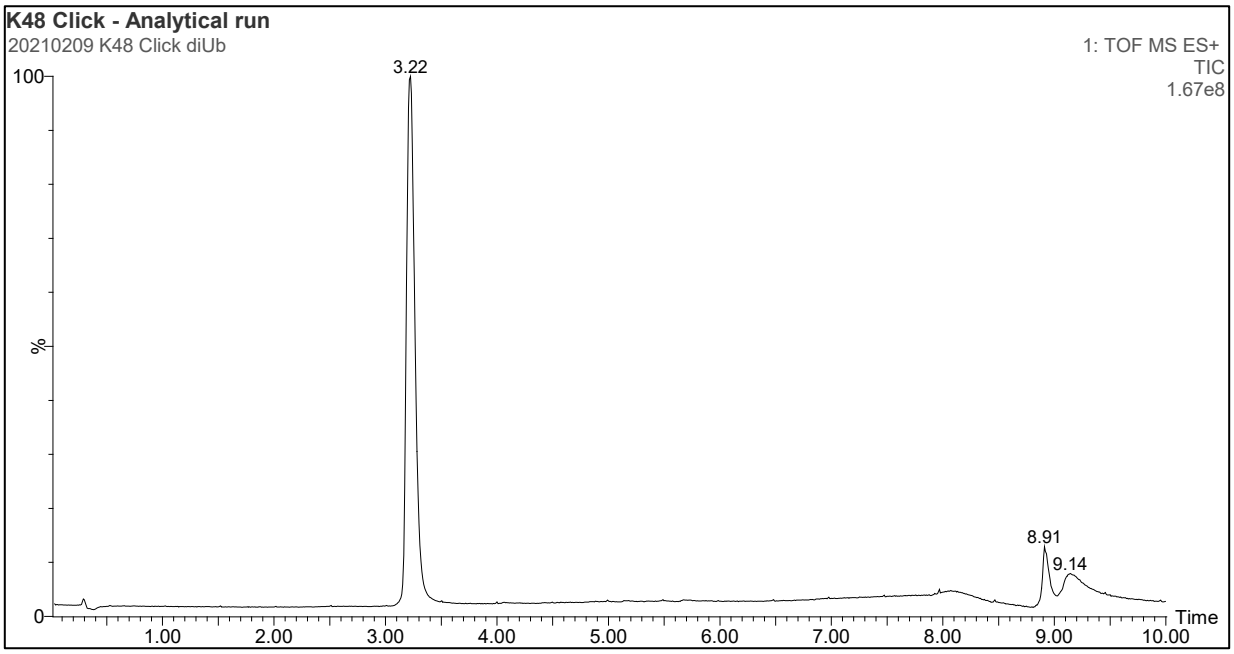
Internal standard – Ub_{1-74} **System 2- Gradient 3**

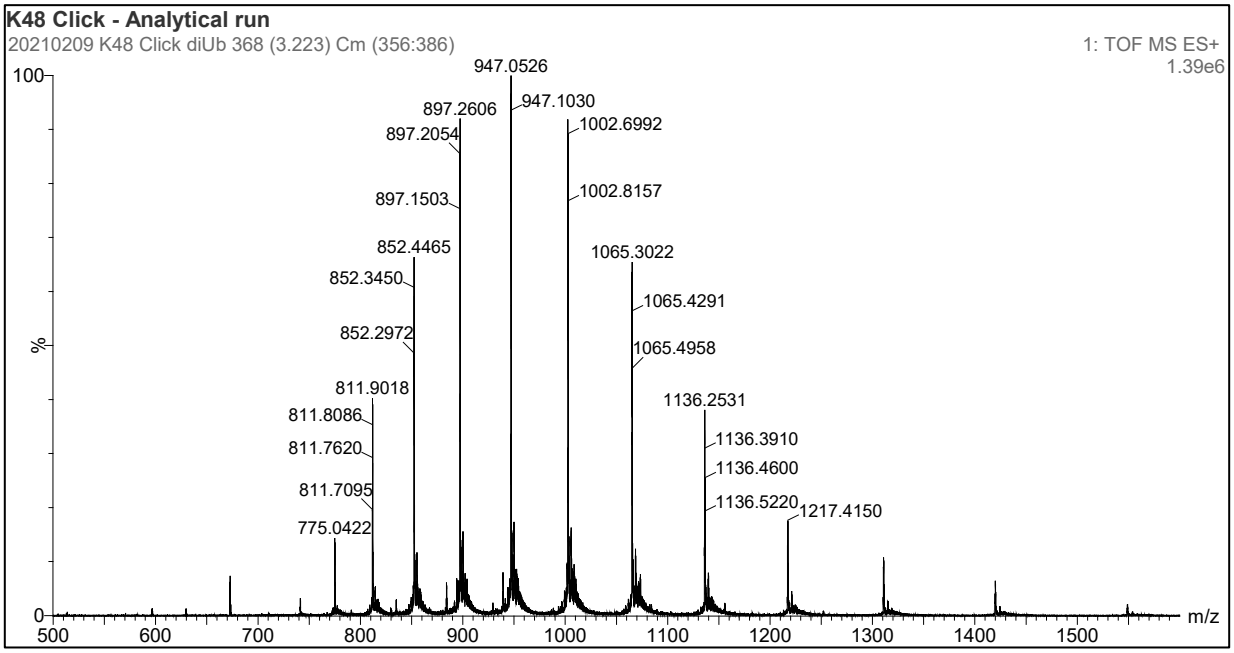


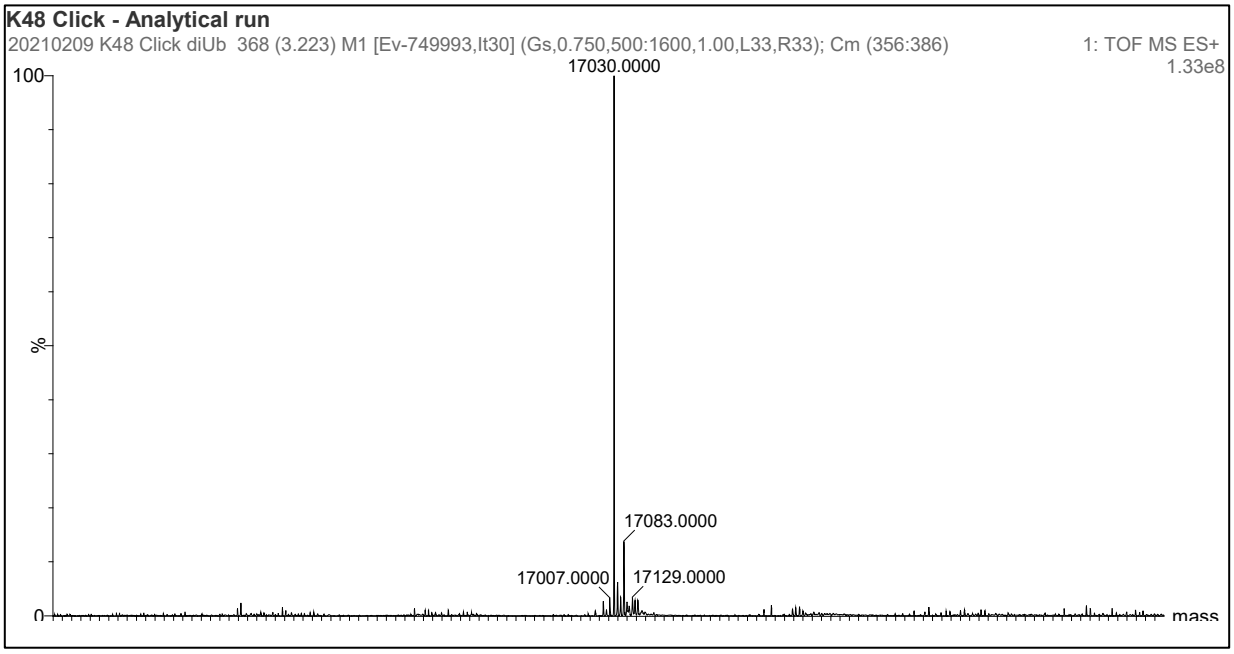




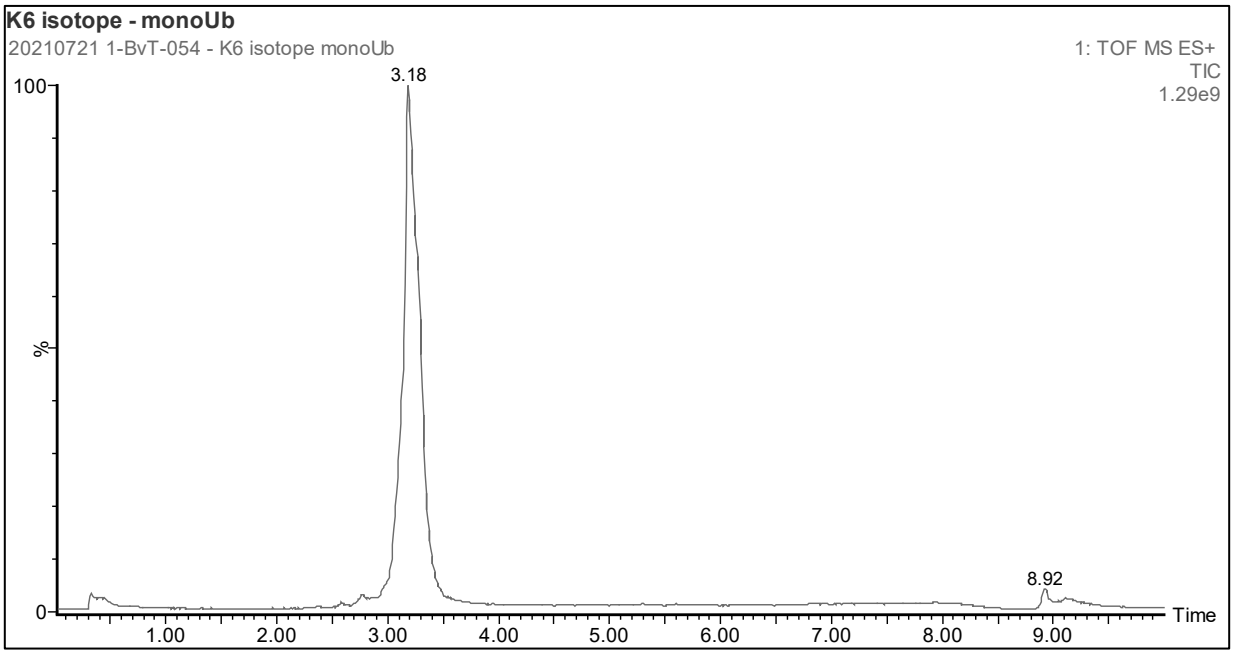
Internal standard – Non-hydrolysable clicked Lys48 linked diUb (23) **System 2- Gradient 3**

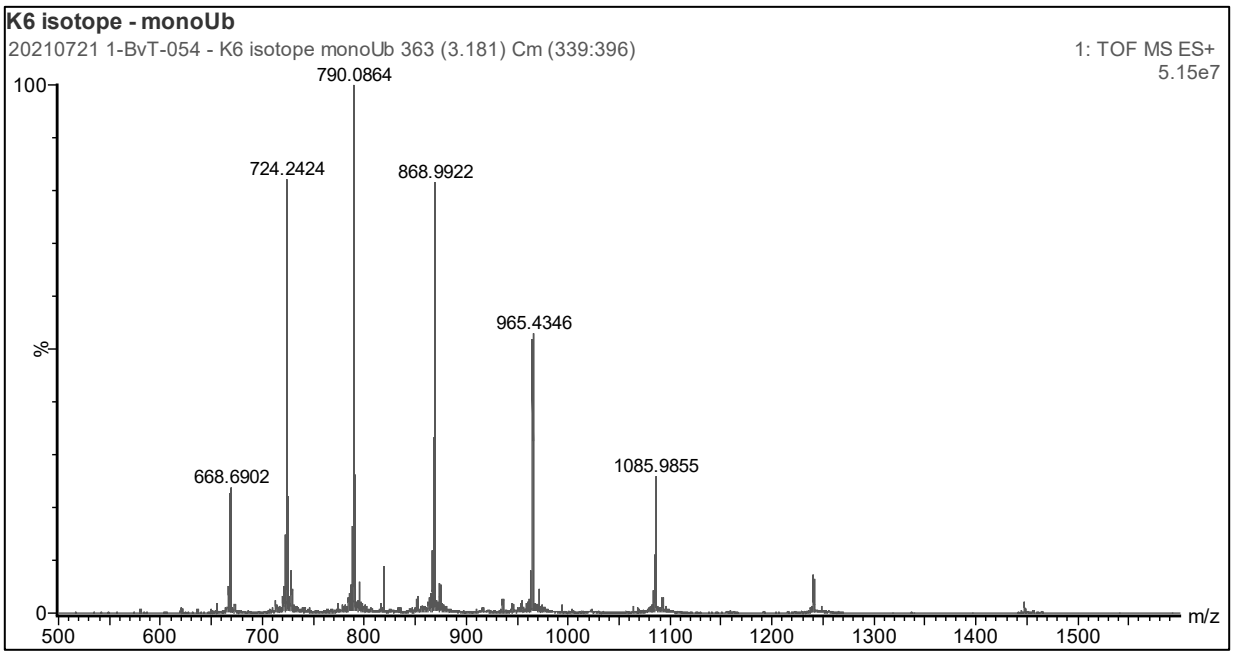


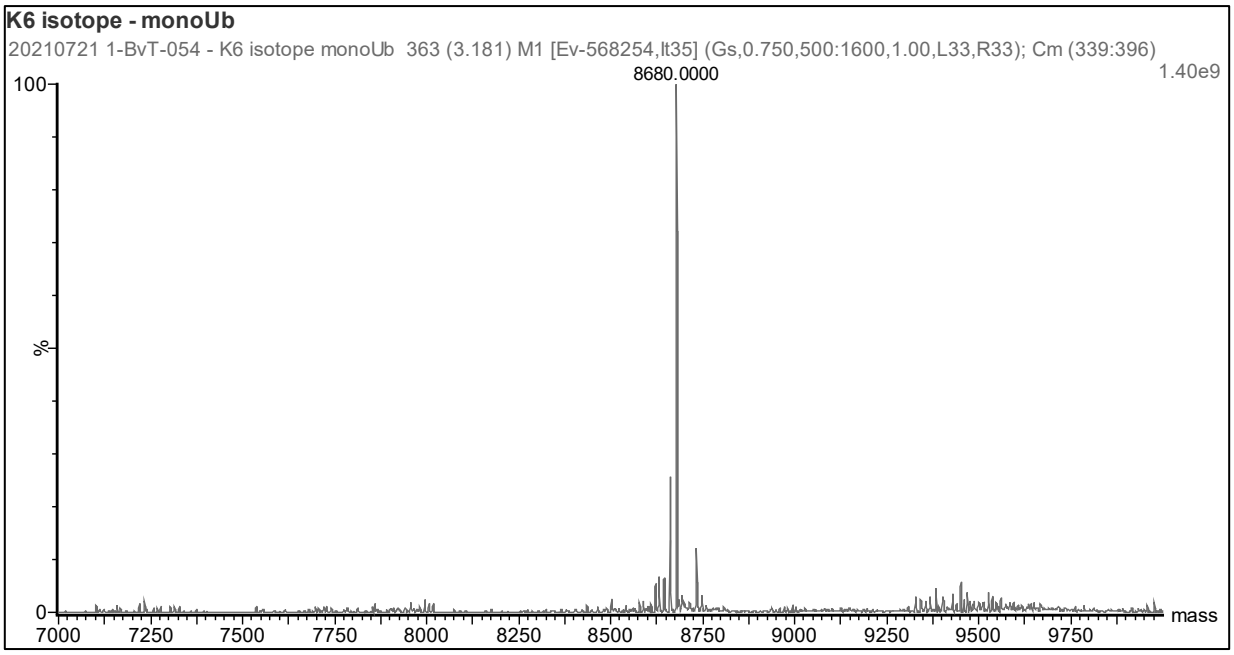




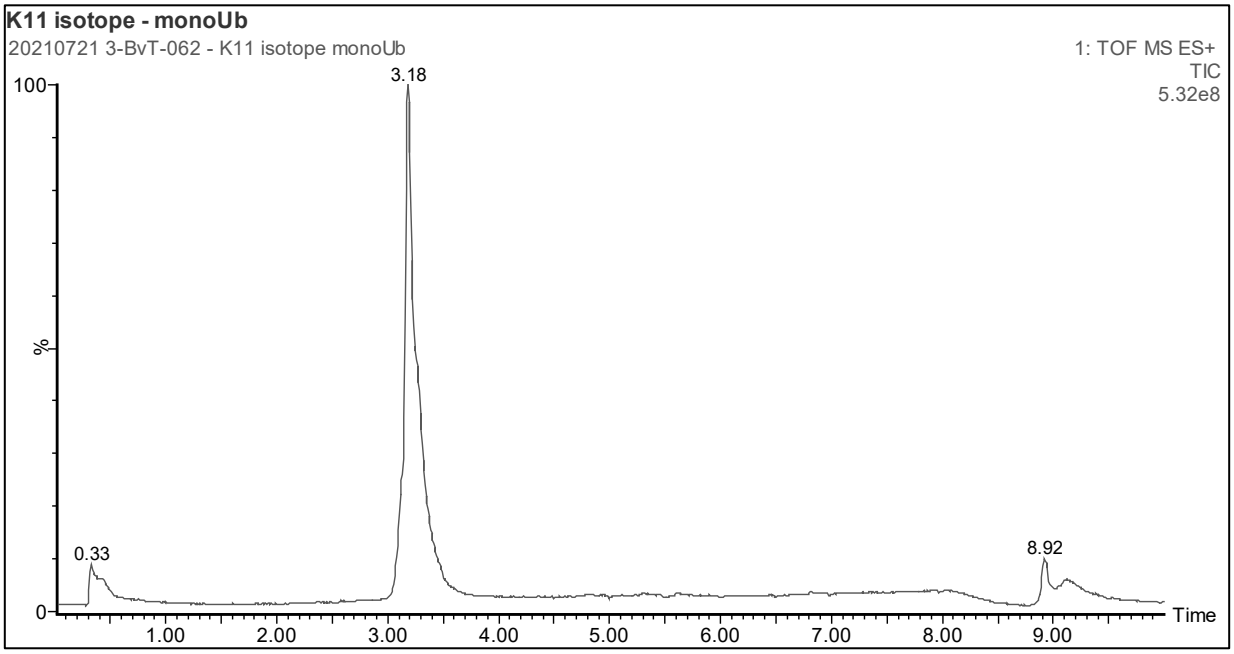
Neutron-encoded monoUb K6 TLys(1a) **System 2- Gradient 3**

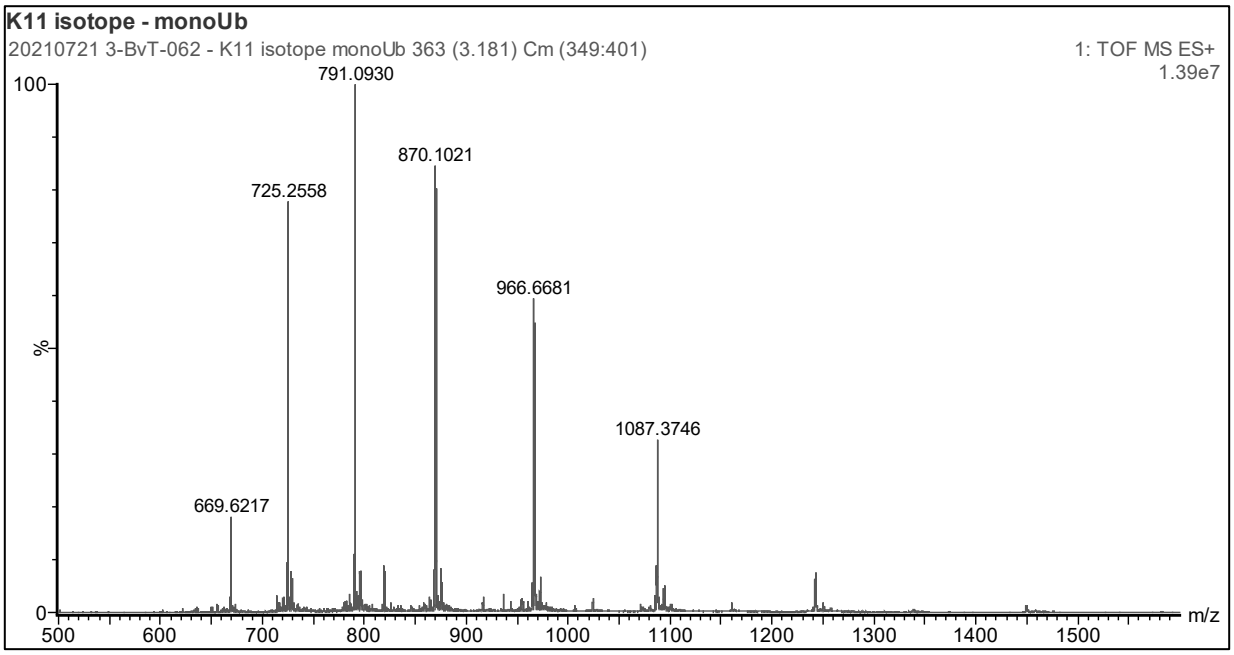


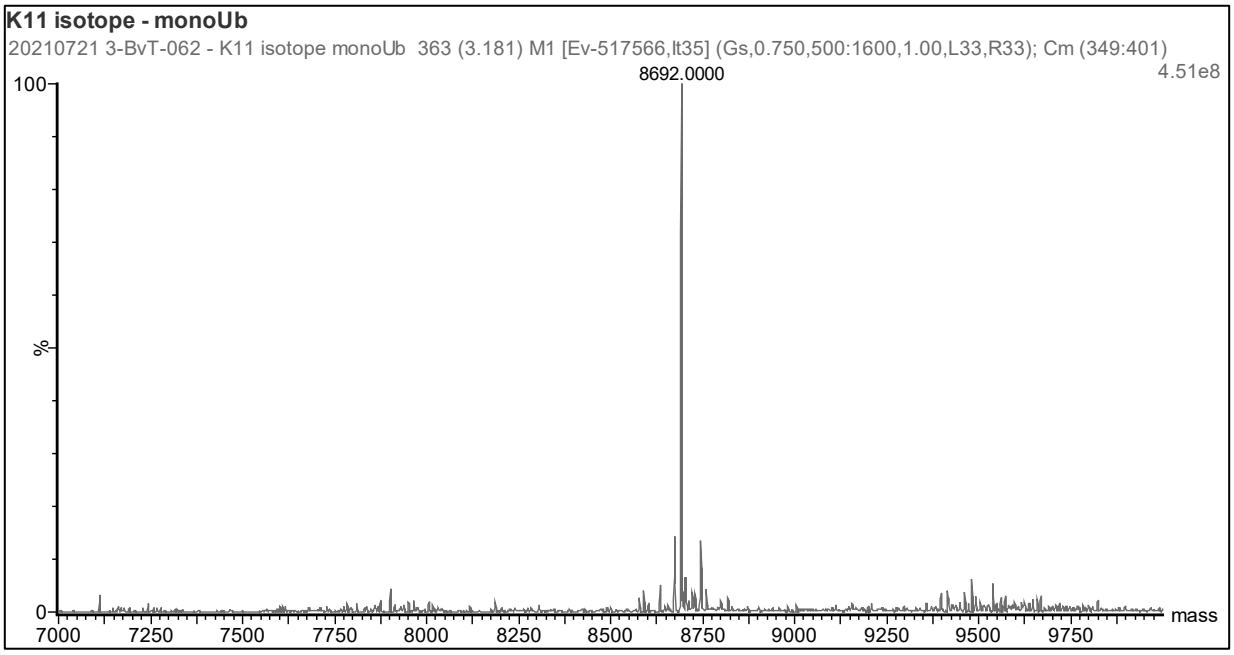




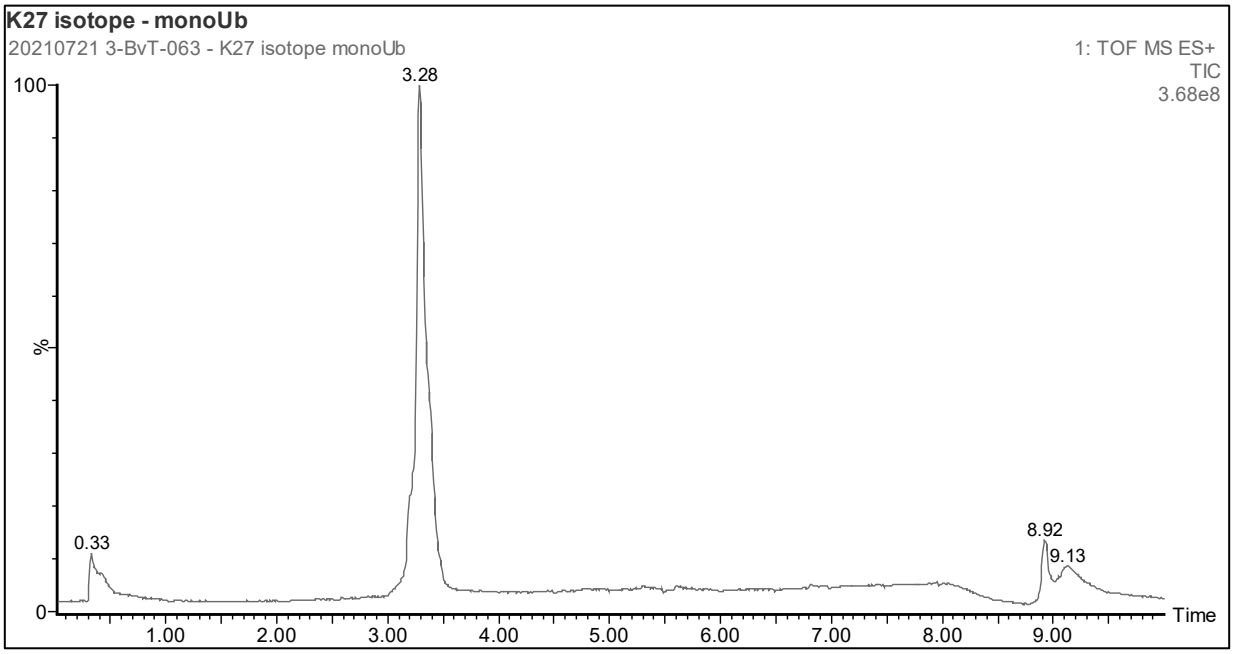
Neutron-encoded monoUb K11 TLys(1b) **System 2- Gradient 3**

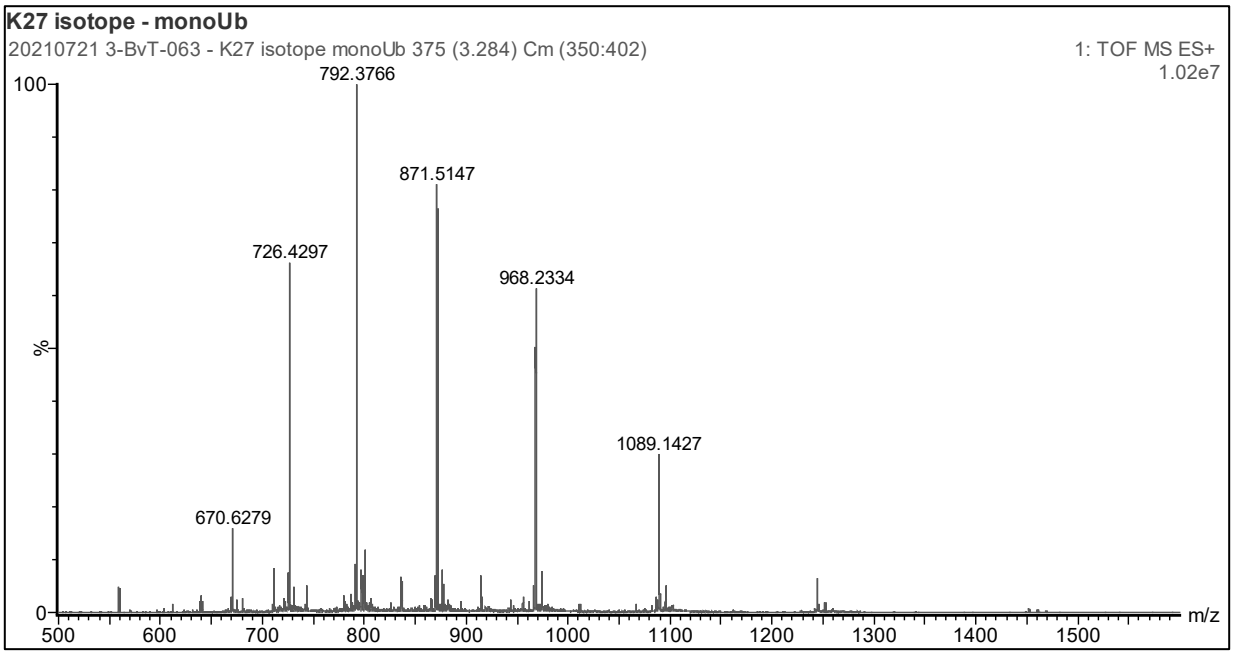


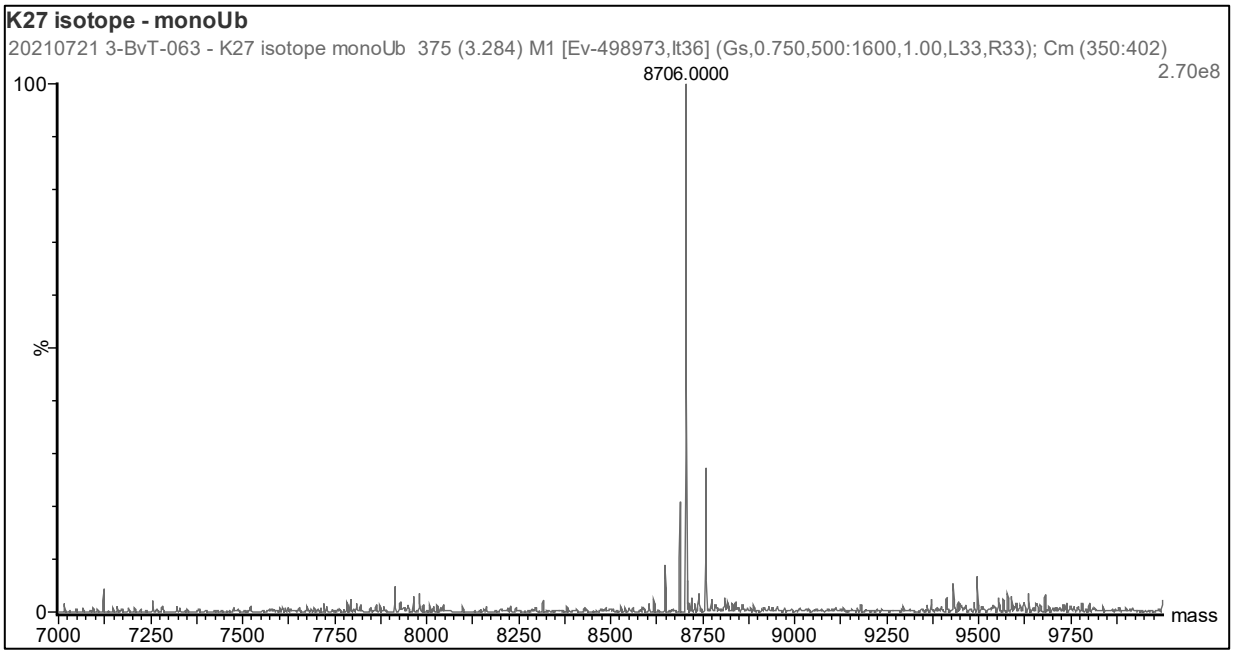




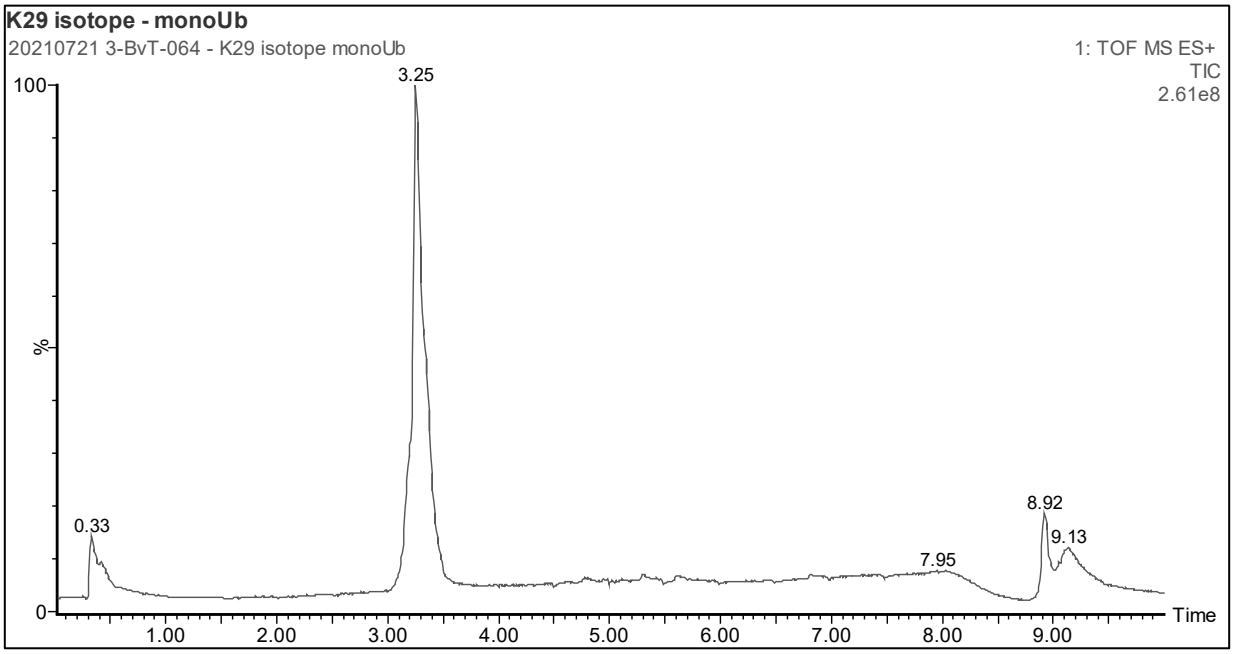
Neutron-encoded monoUb K27 TLys(1c) **System 2- Gradient 3**

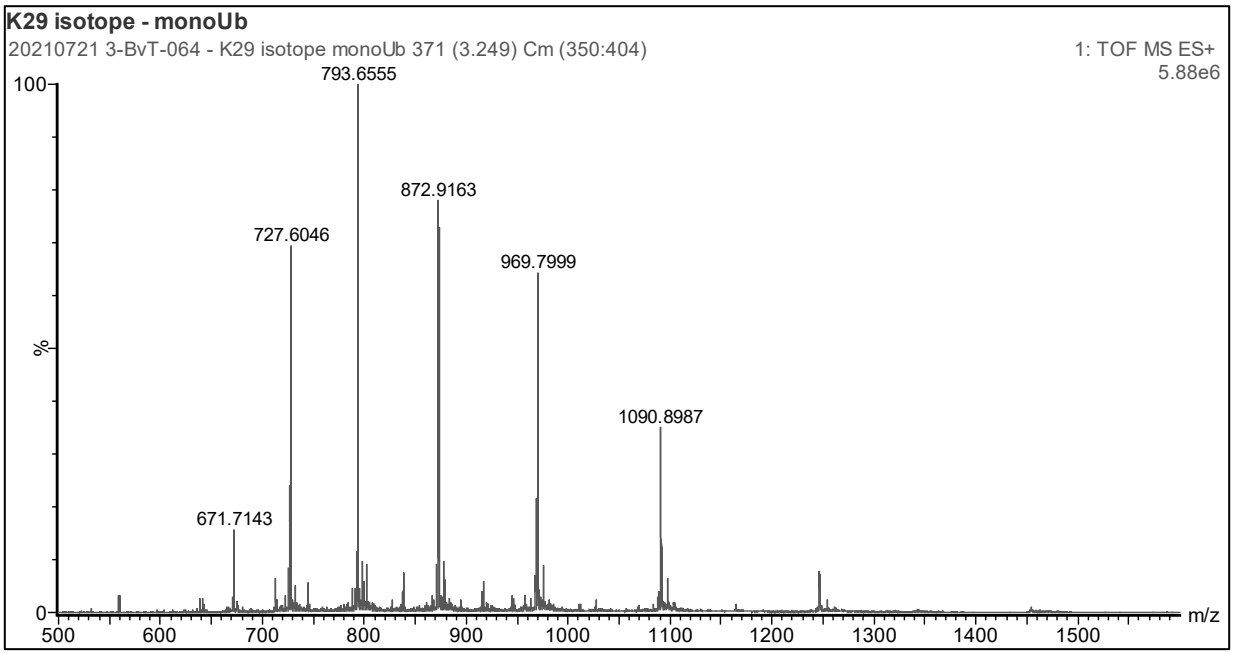


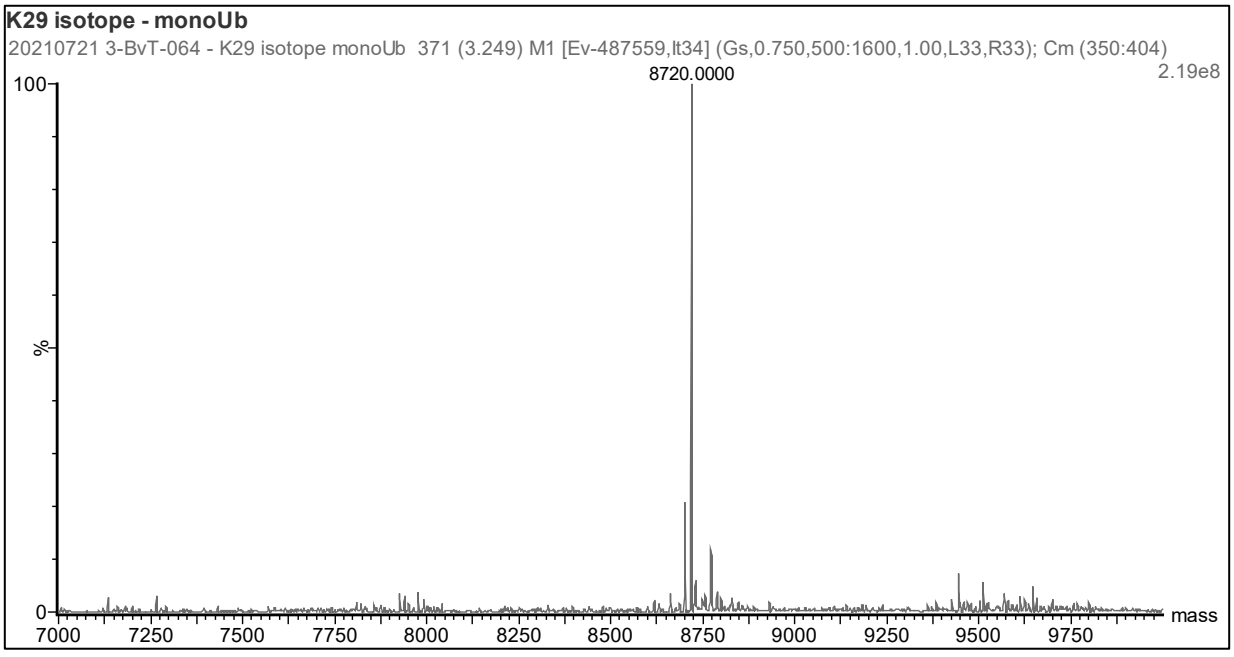




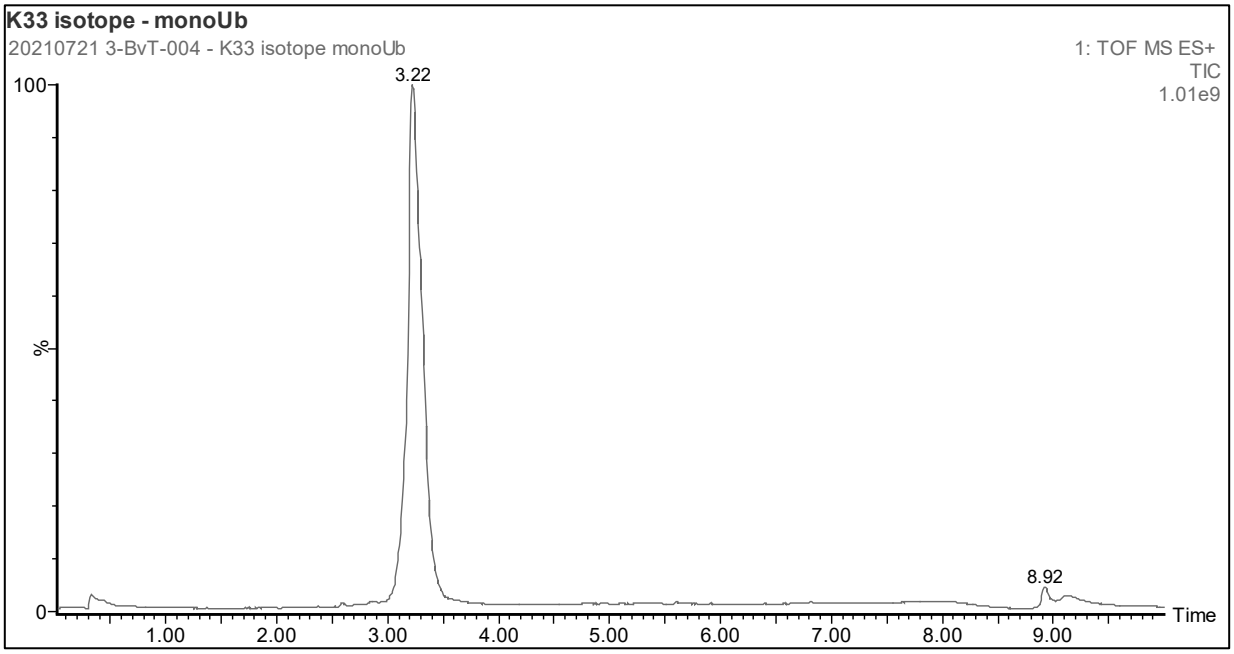
Neutron-encoded monoUb K29 TLys(1d) **System 2- Gradient 3**

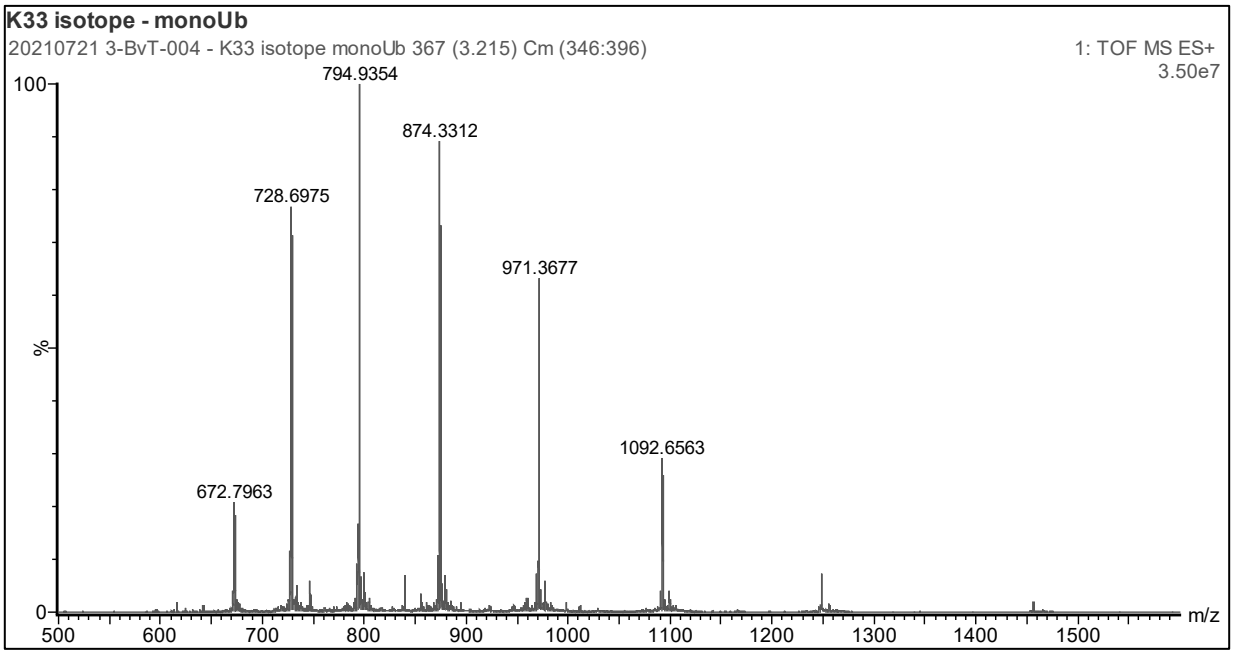


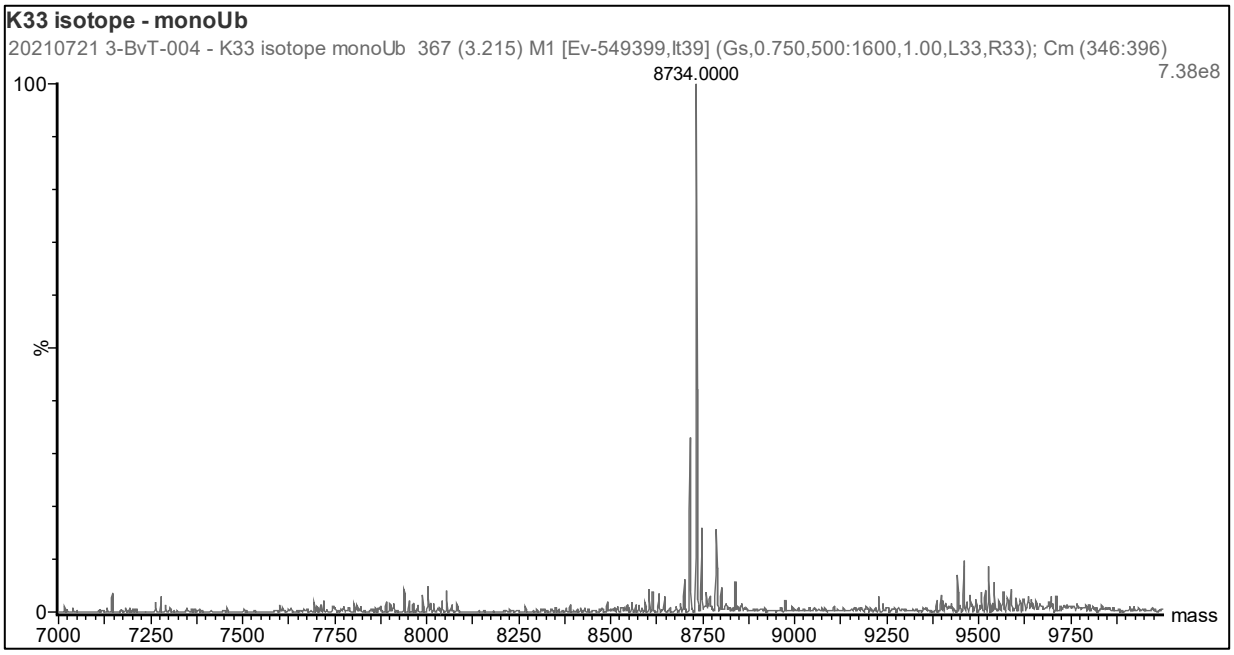




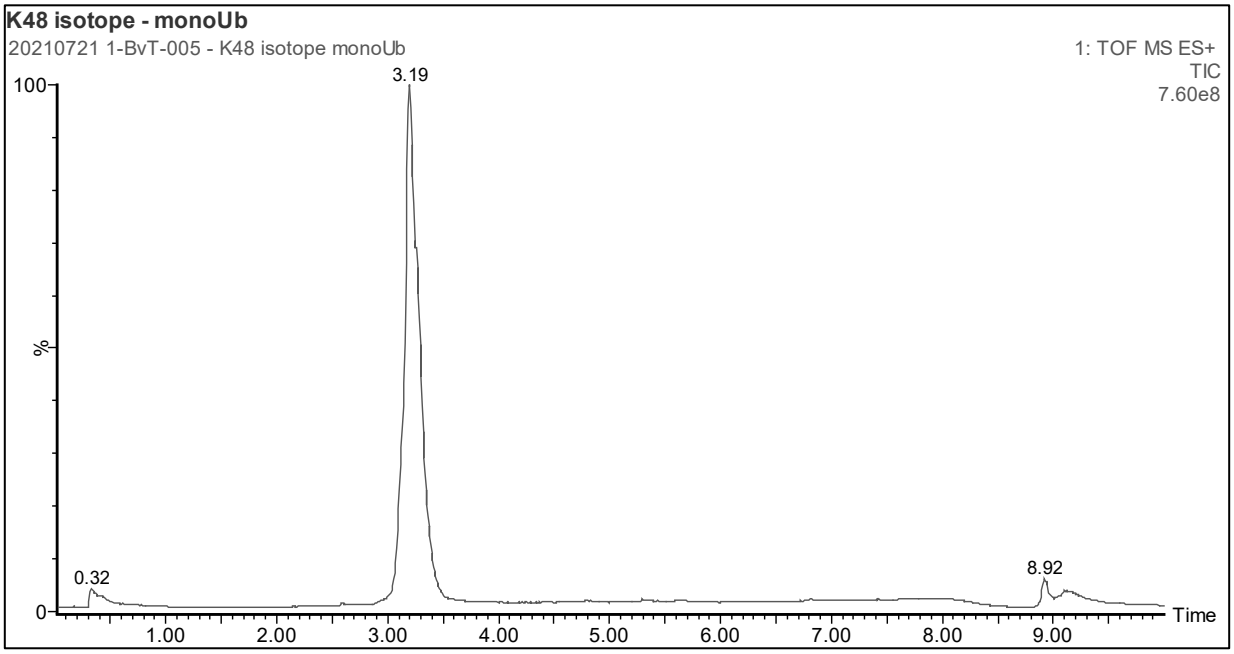
Neutron-encoded monoUb K33 TLys(1e) **System 2- Gradient 3**

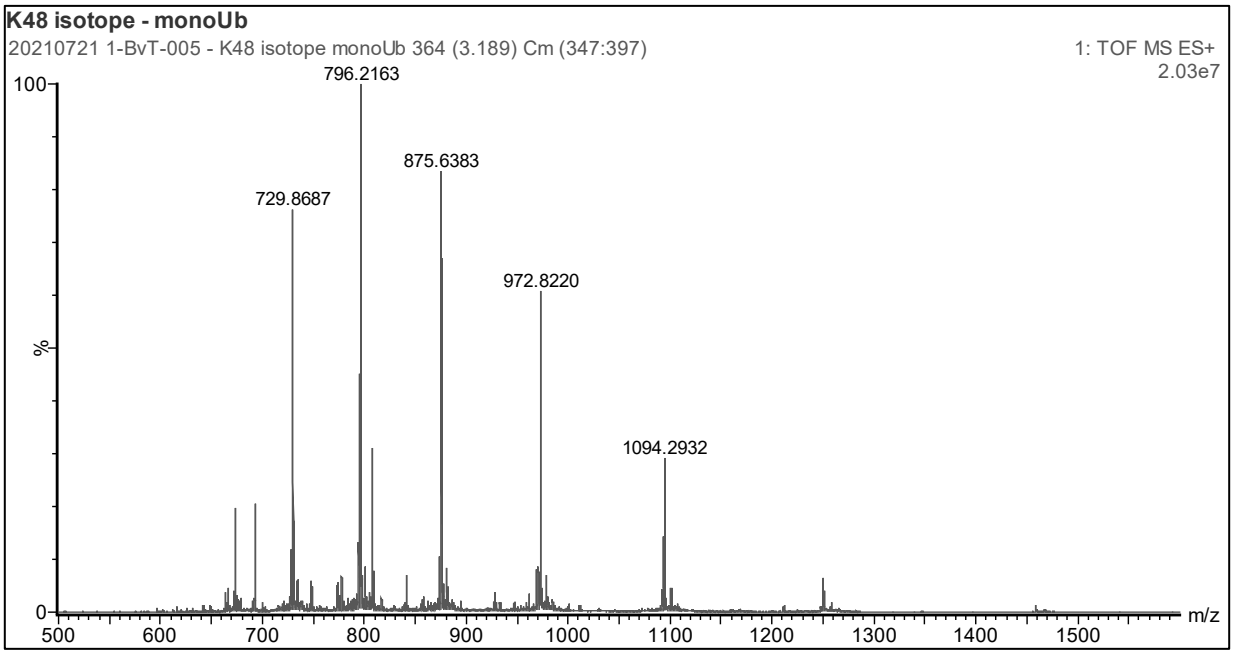


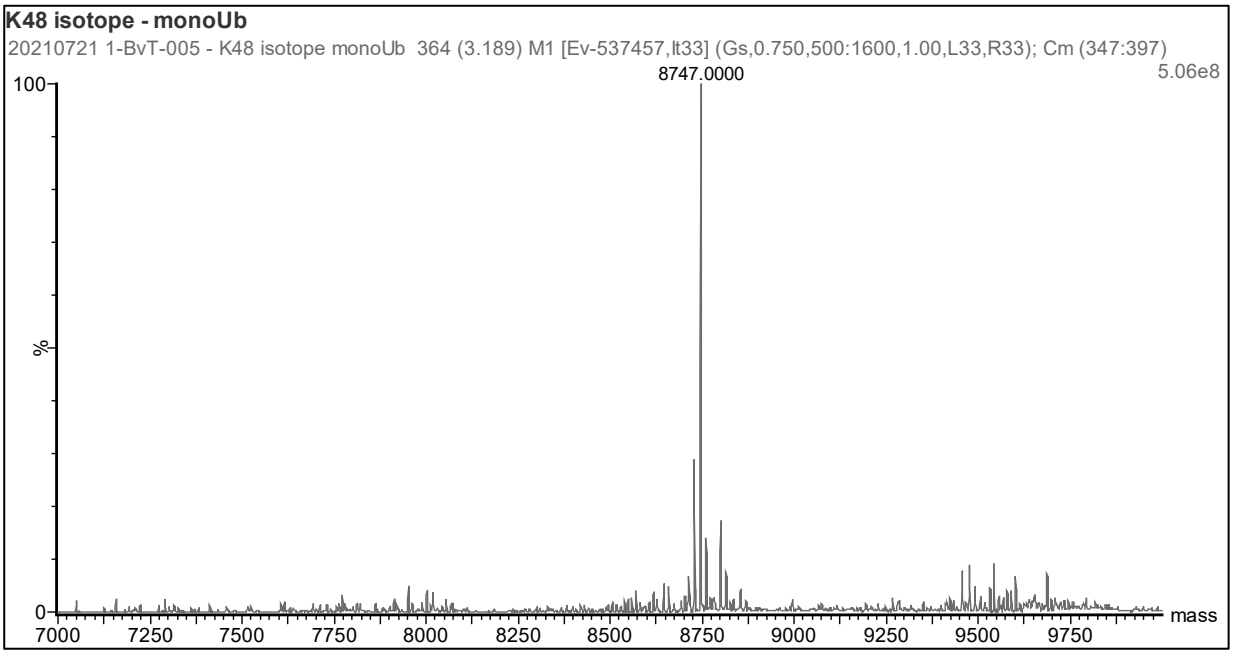




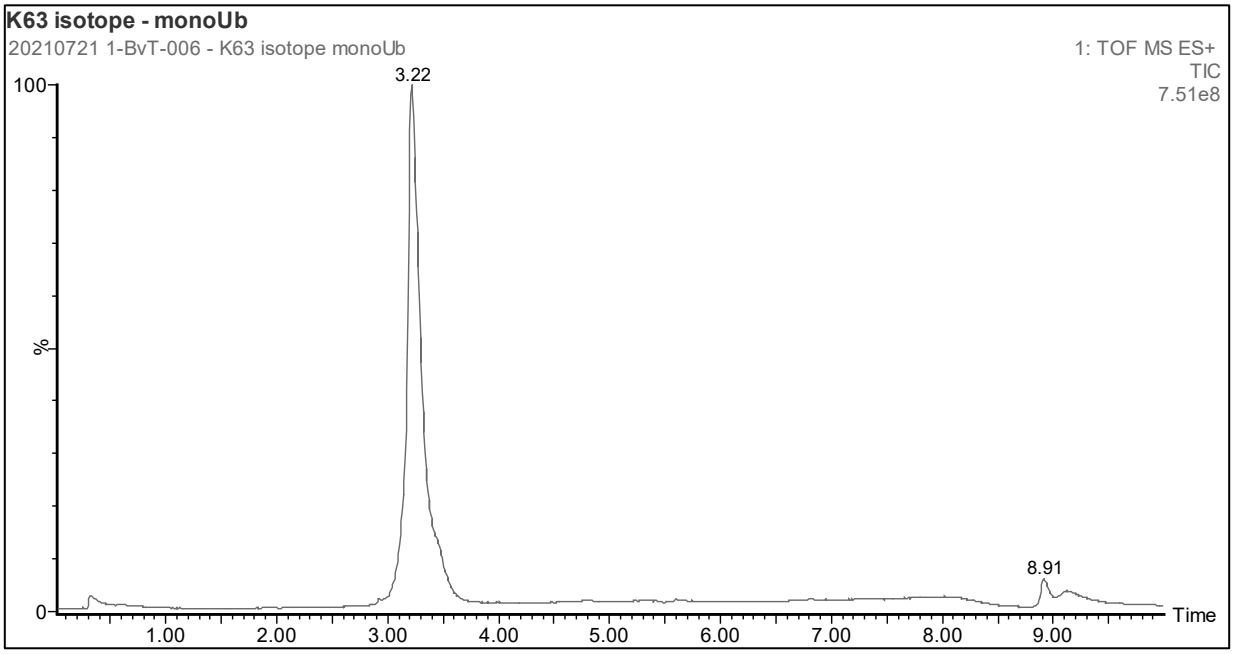
Neutron-encoded monoUb K48 TLys(1f) **System 2- Gradient 3**

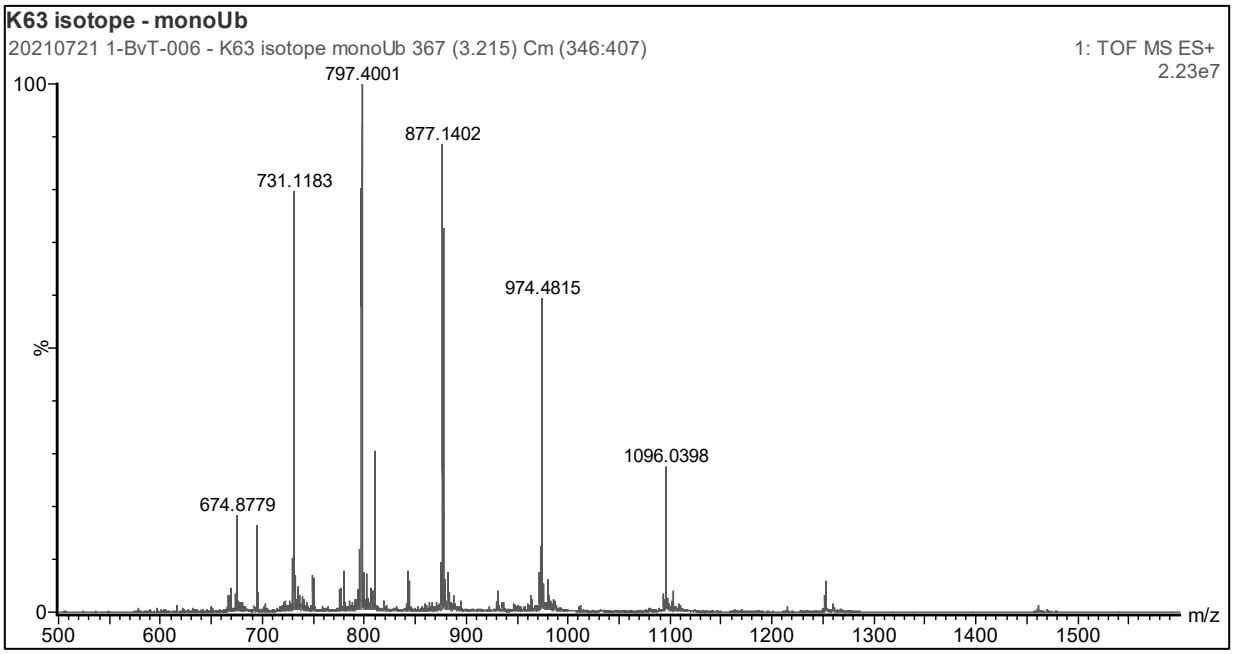


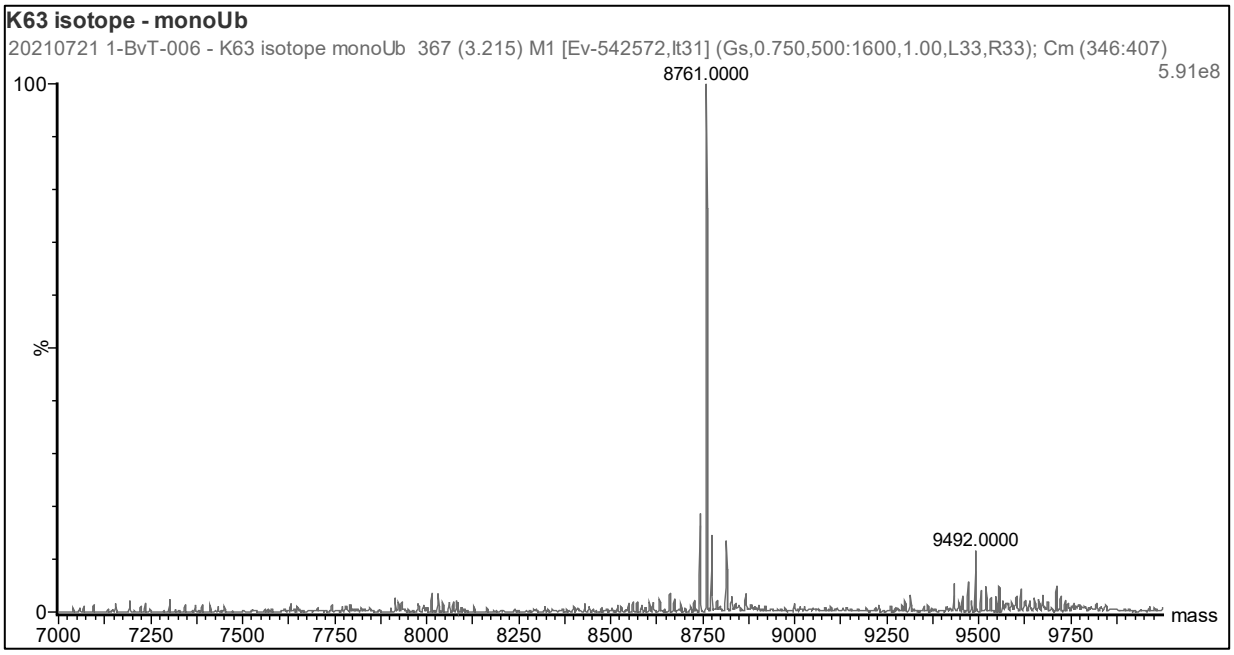




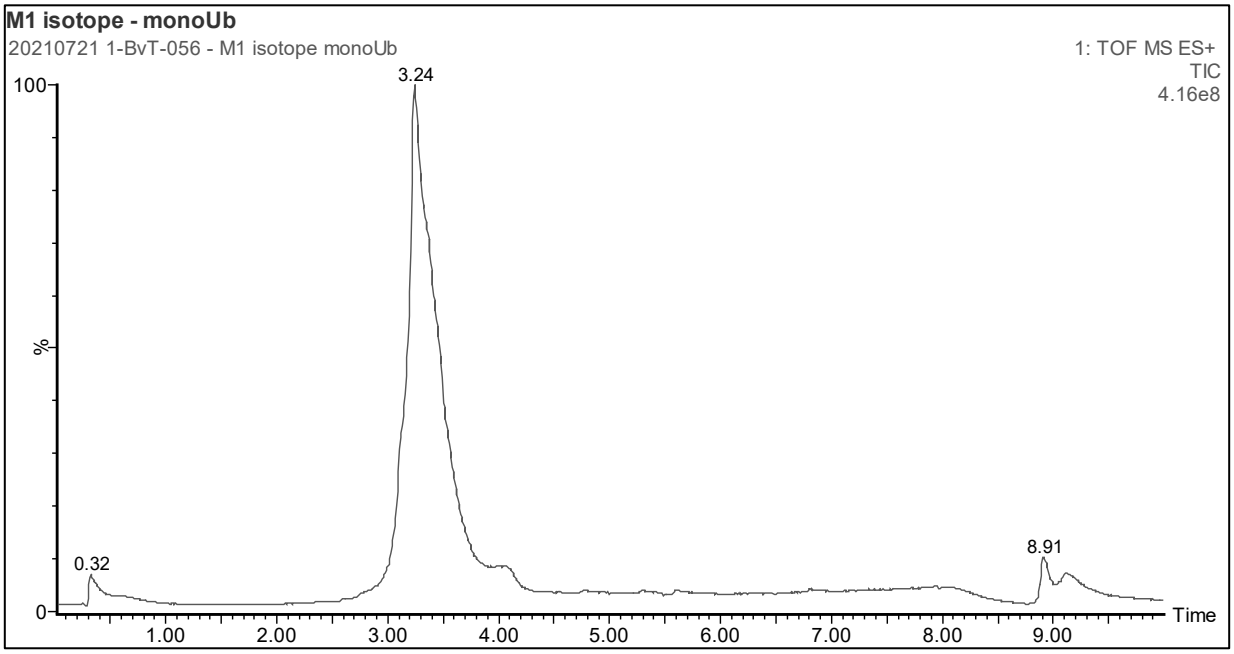
Neutron-encoded monoUb K63 TLys(1g) **System 2- Gradient 3**

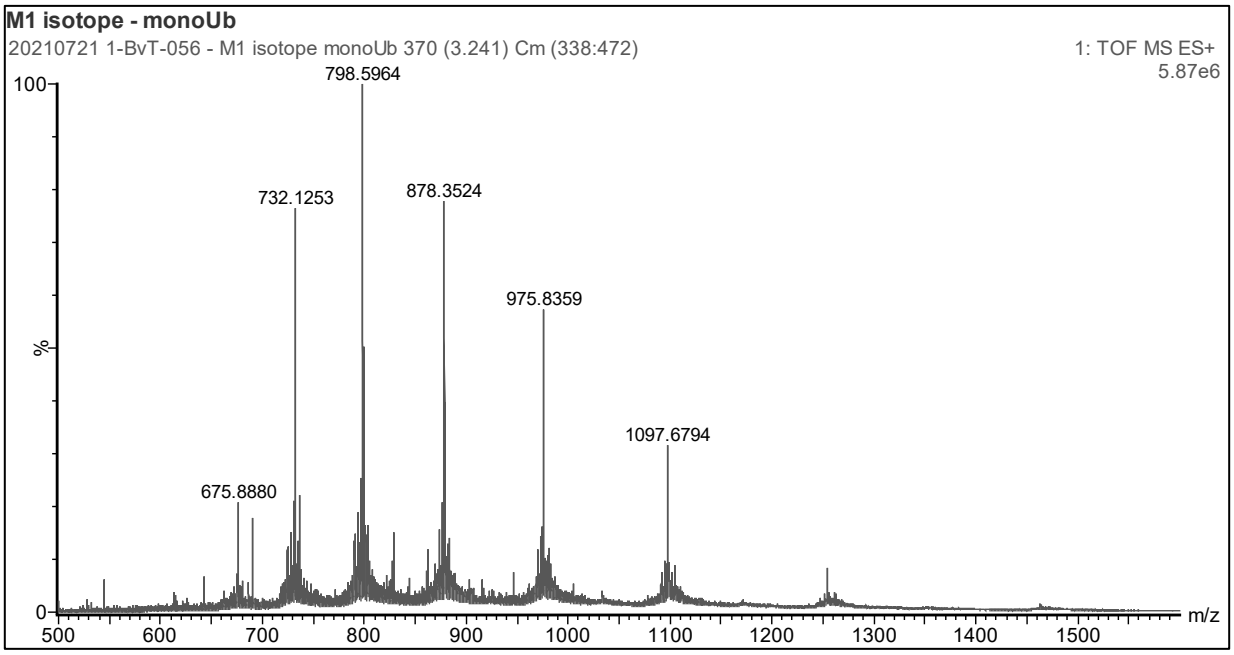


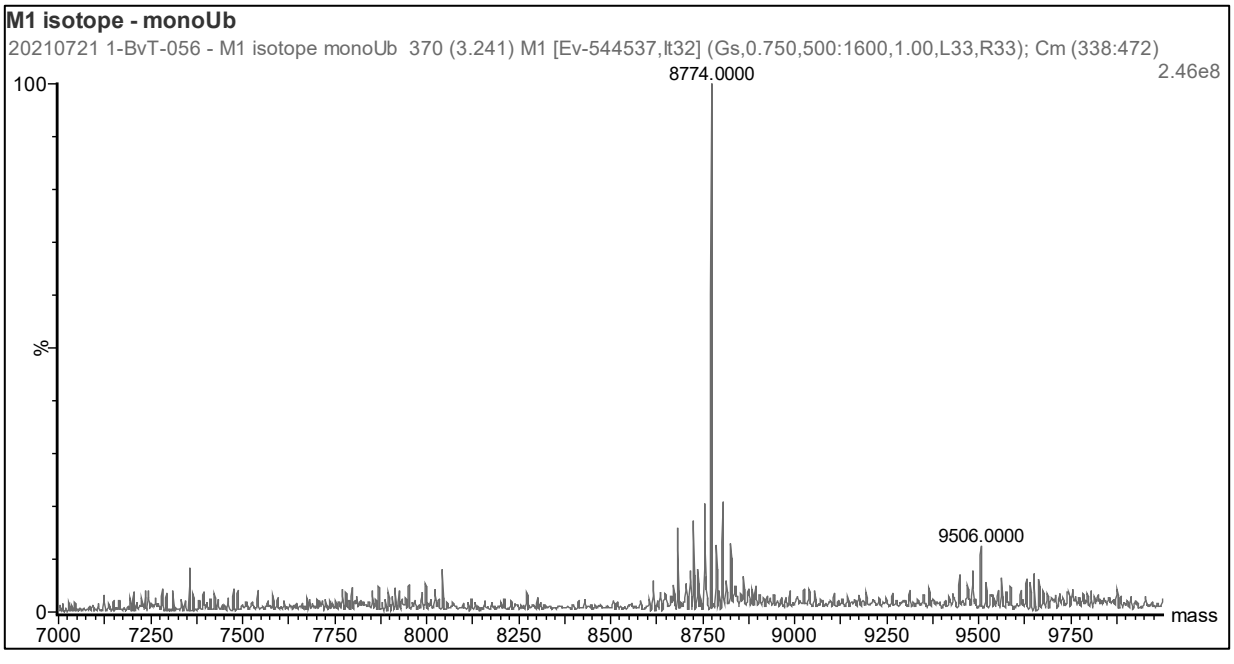




Neutron-encoded monoUb M1 ThioNle(2) **System 2- Gradient 3**







Ub(1-76, Nle_1)-$S(CH_2)_2CO_2Me$ (3) **System 2- Gradient 3**