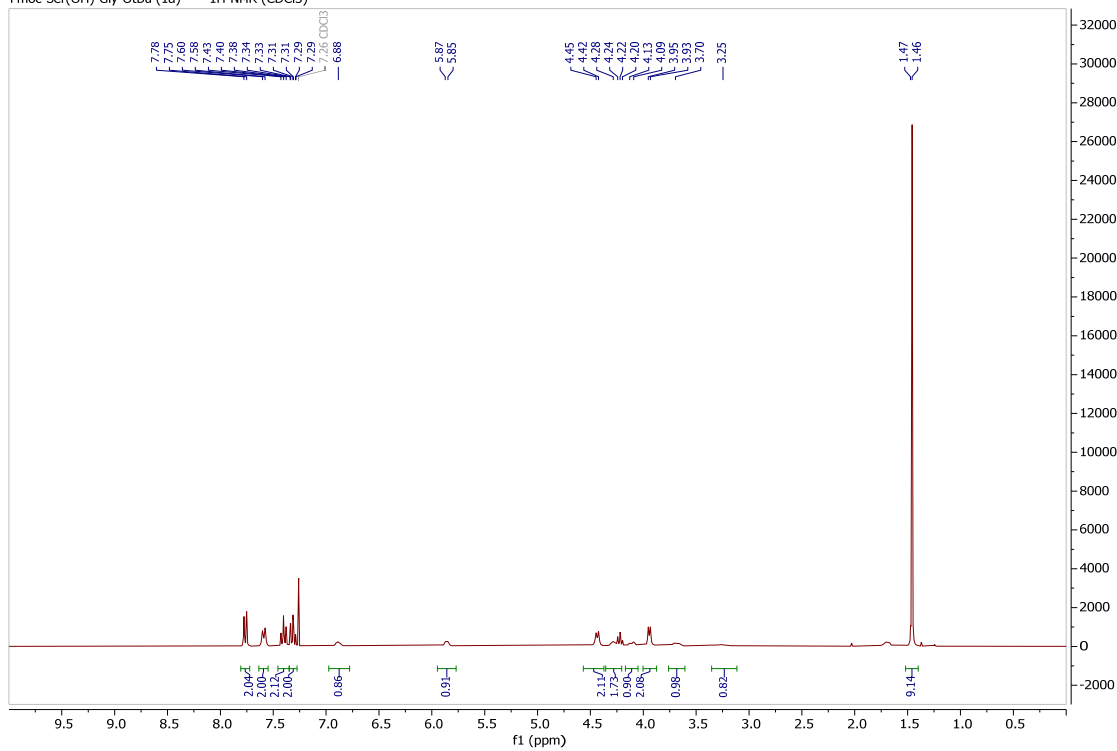
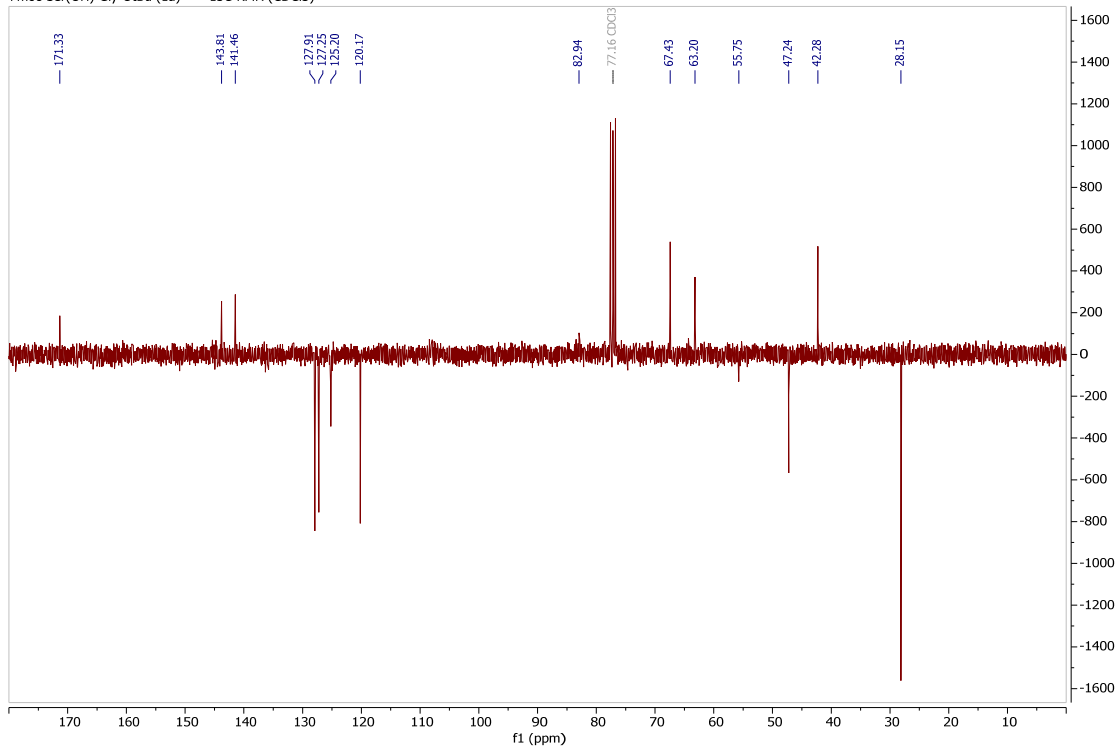


Fmoc-Ser(OH)-Gly-OtBu (1a)

Fmoc-Ser(OH)-Gly-OtBu (1a) — ¹H-NMR (CDCl₃)

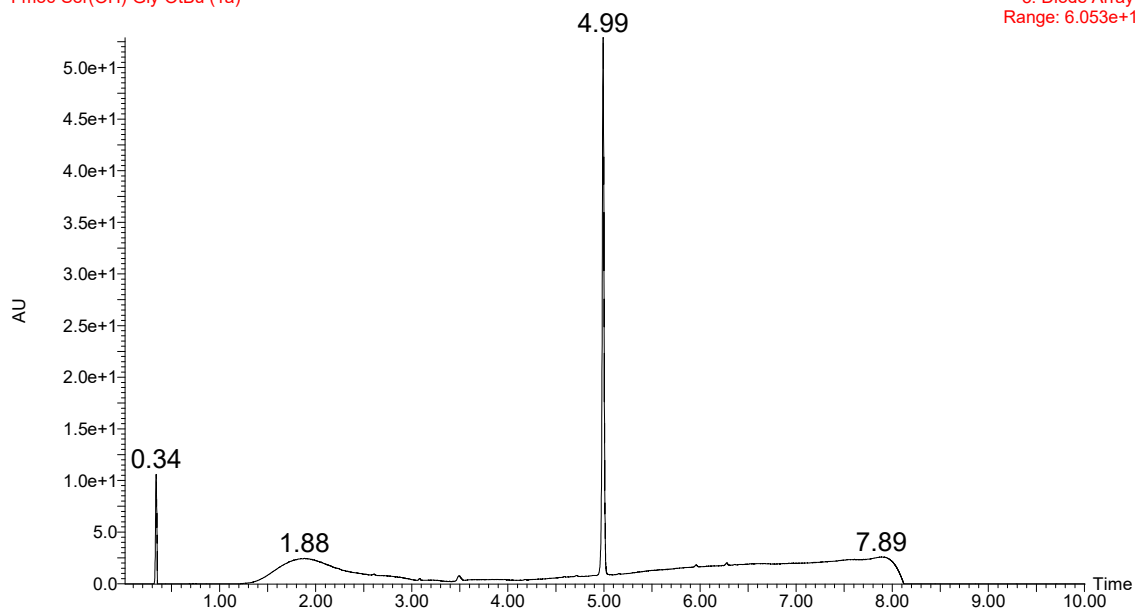


Fmoc-Ser(OH)-Gly-OtBu (1a) — ¹³C-NMR (CDCl₃)



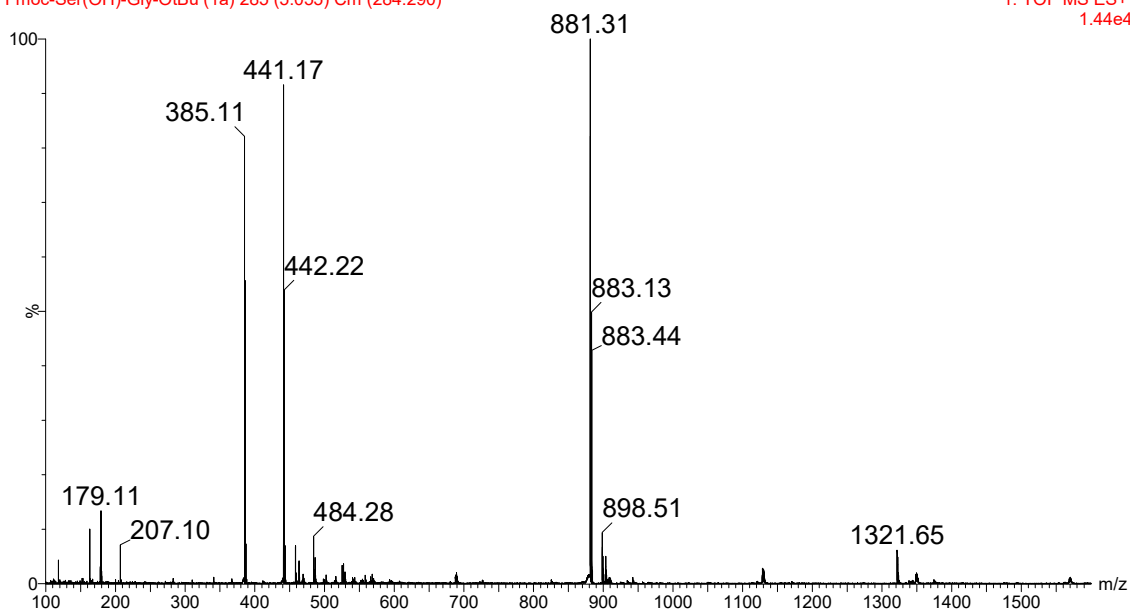
Fmoc-Ser(OH)-Gly-OtBu (1a)

3: Diode Array
Range: 6.053e+1

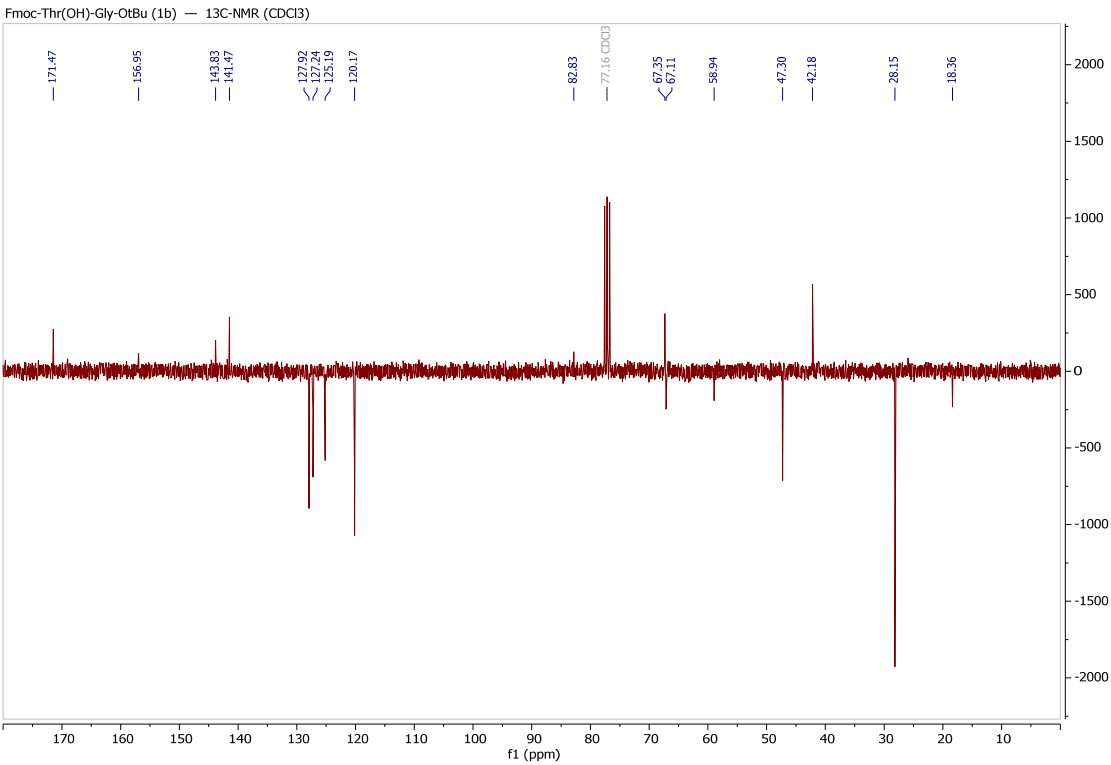
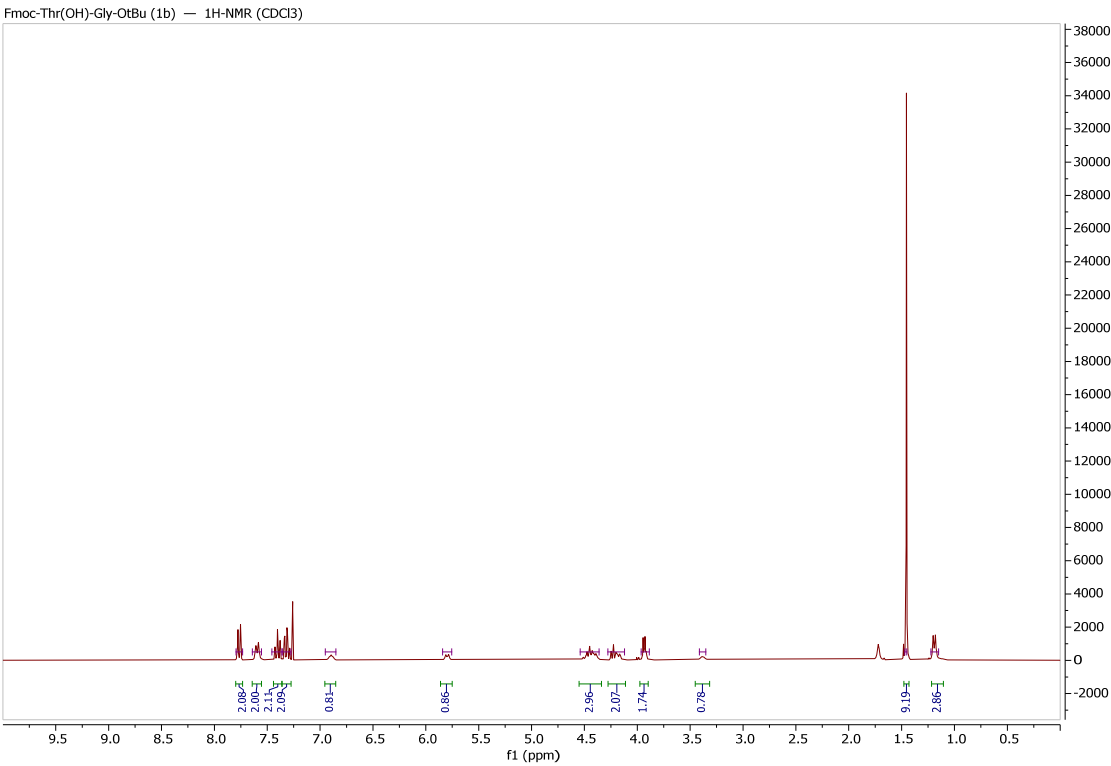


Fmoc-Ser(OH)-Gly-OtBu (1a) 285 (5.055) Cm (284:290)

1: TOF MS ES+
1.44e4

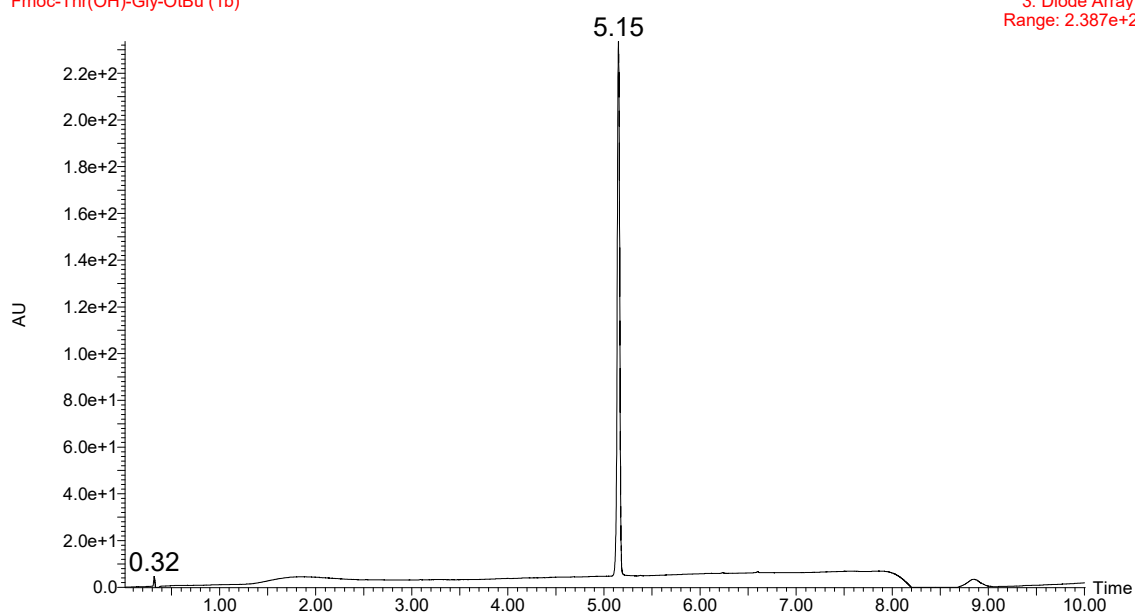


Fmoc-Thr(OH)-Gly-OtBu (1b)



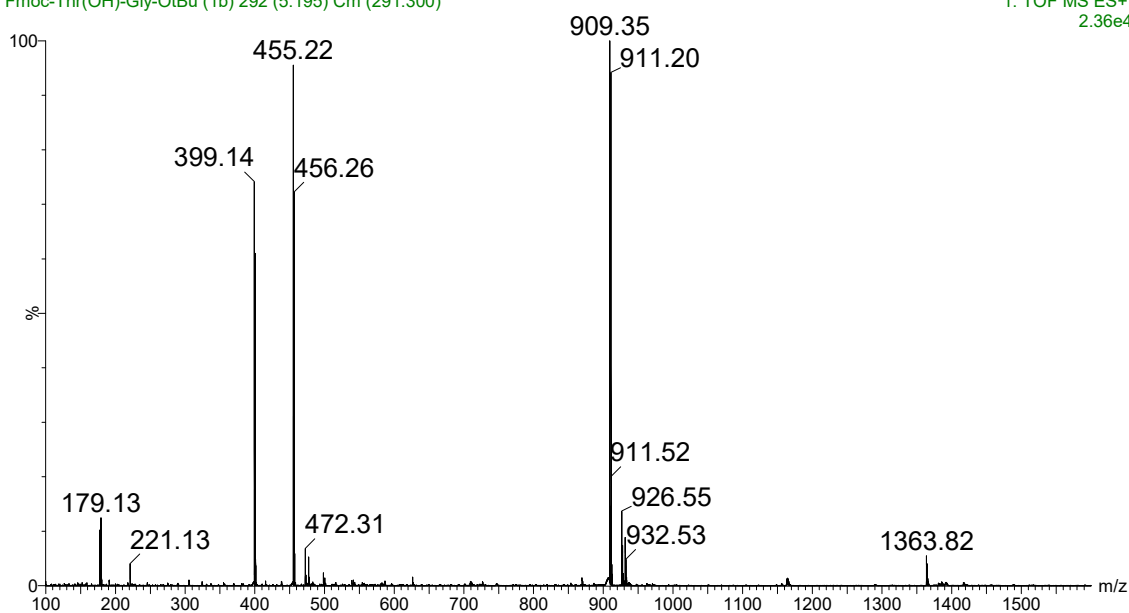
Fmoc-Thr(OH)-Gly-OtBu (1b)

3: Diode Array
Range: 2.387e+2

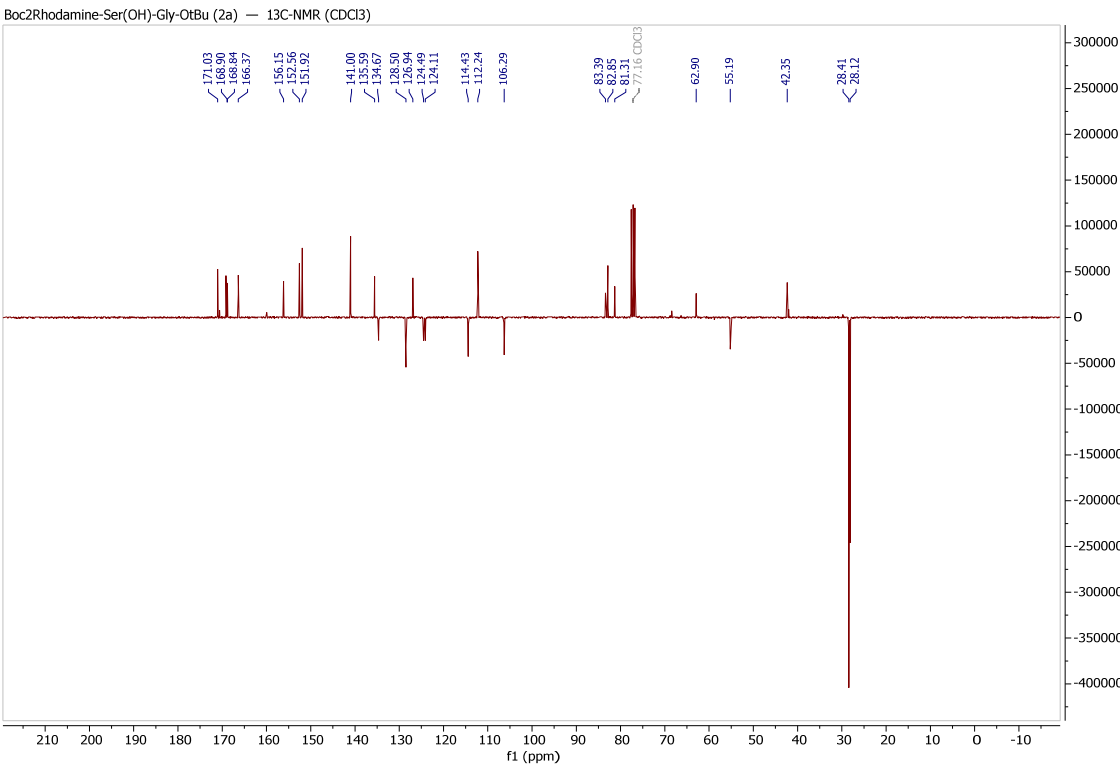
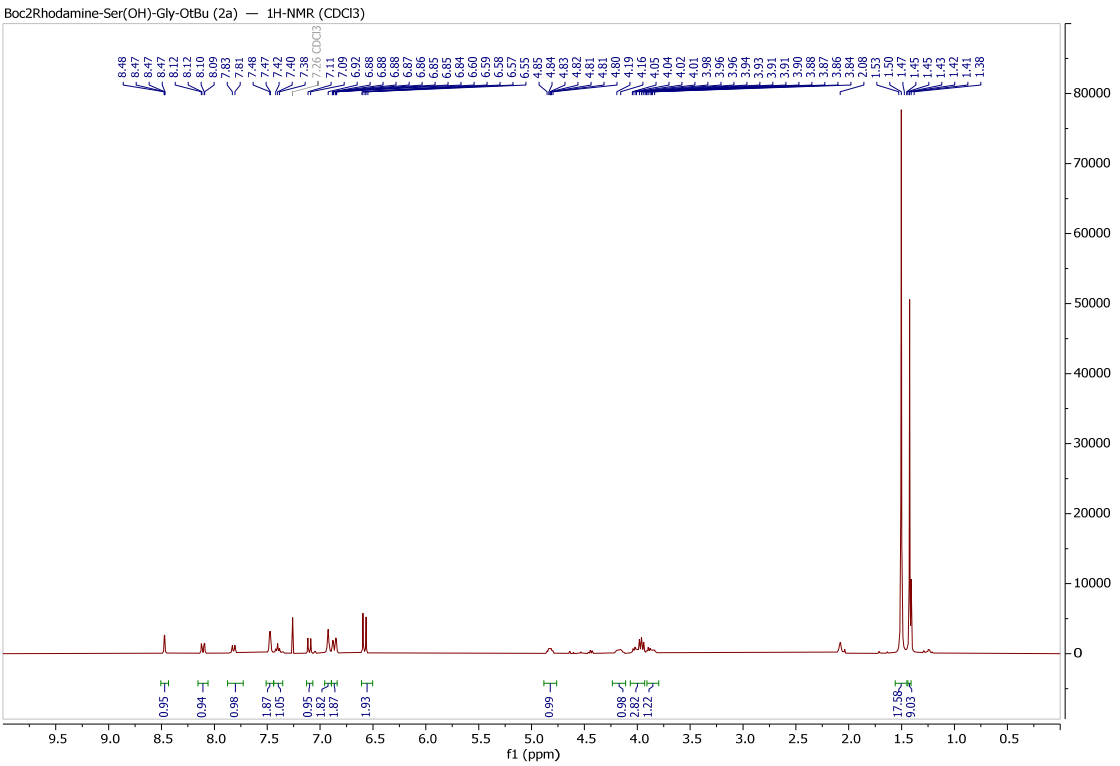


Fmoc-Thr(OH)-Gly-OtBu (1b) 292 (5.195) Cm (291:300)

1: TOF MS ES+
2.36e4

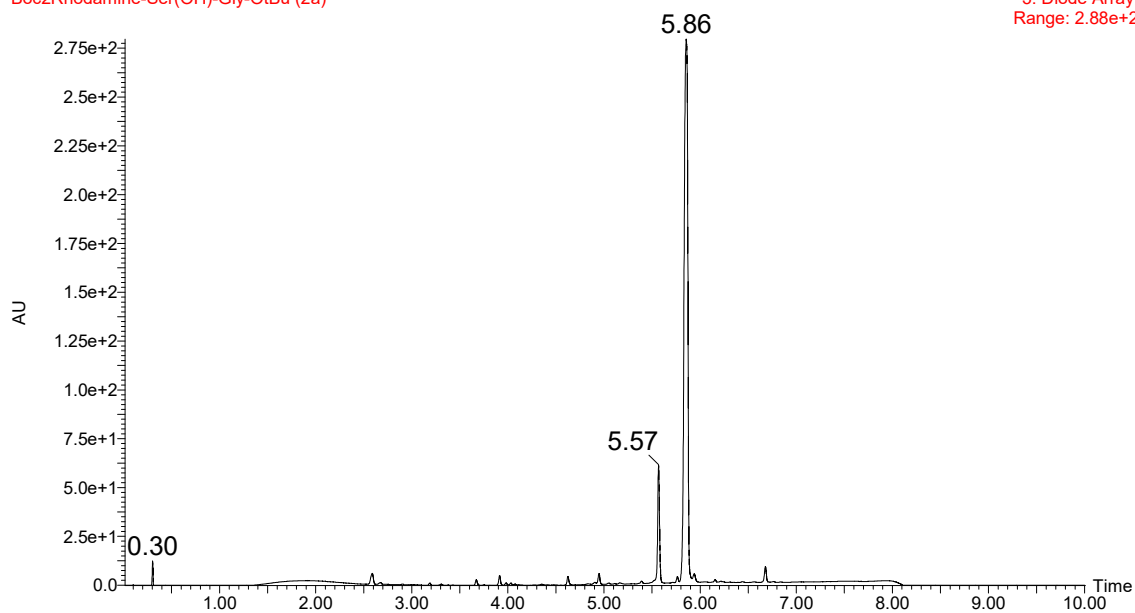


Boc₂Rhodamine-Ser(OH)-Gly-O^tBu (2a)



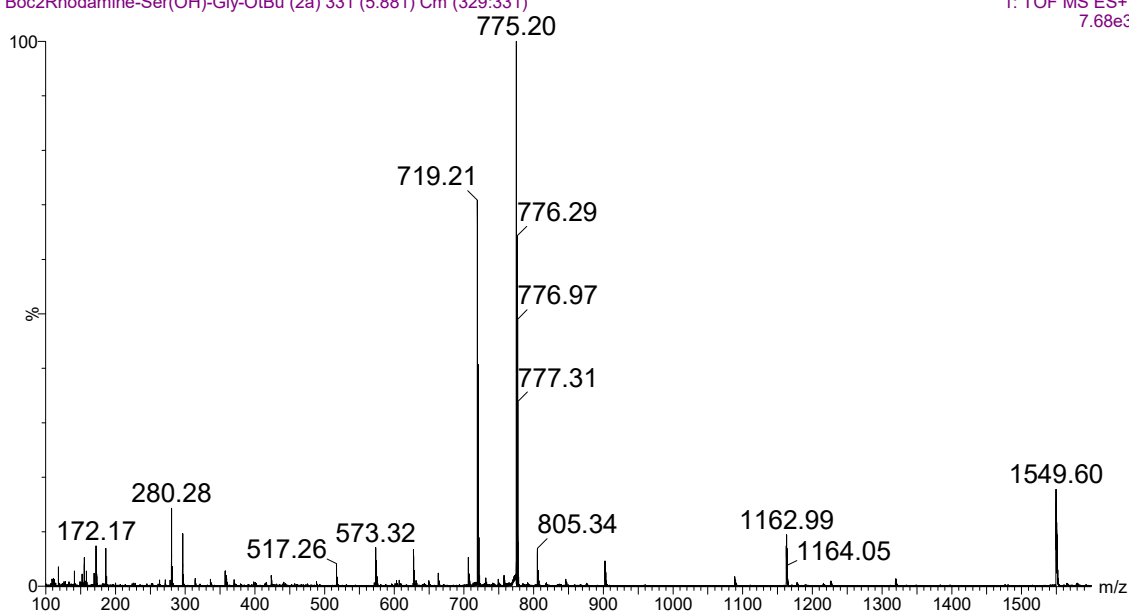
Boc2Rhodamine-Ser(OH)-Gly-OtBu (2a)

3: Diode Array
Range: 2.88e+2

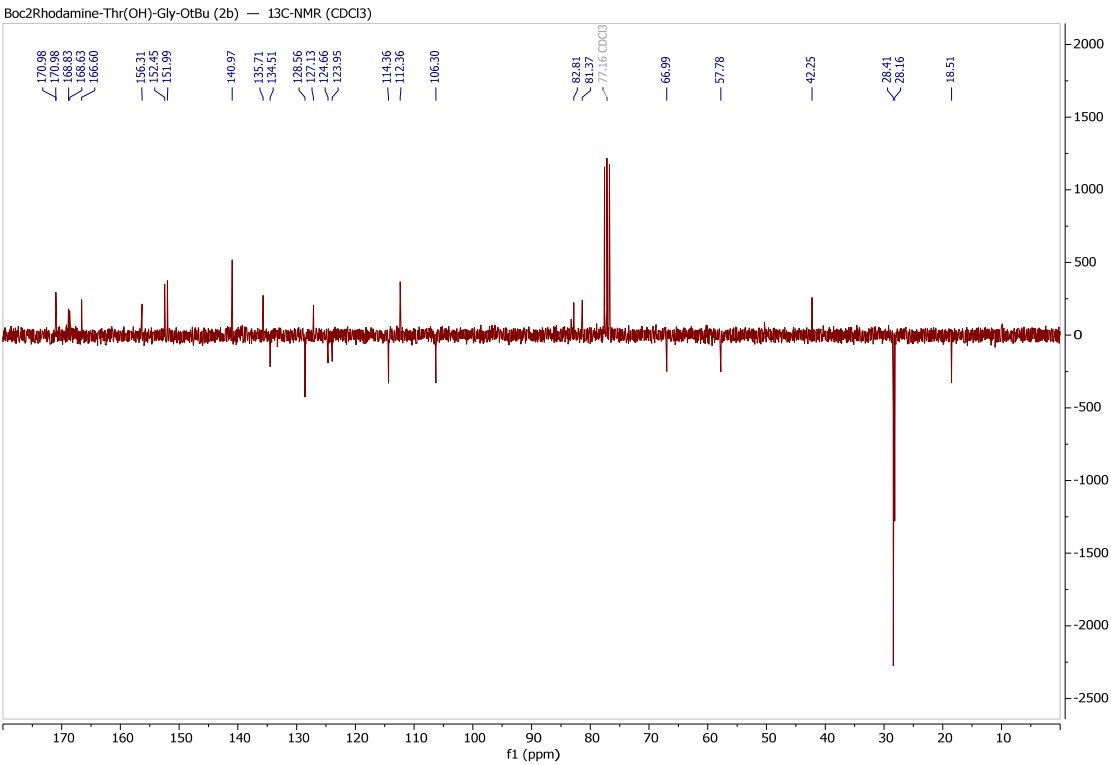
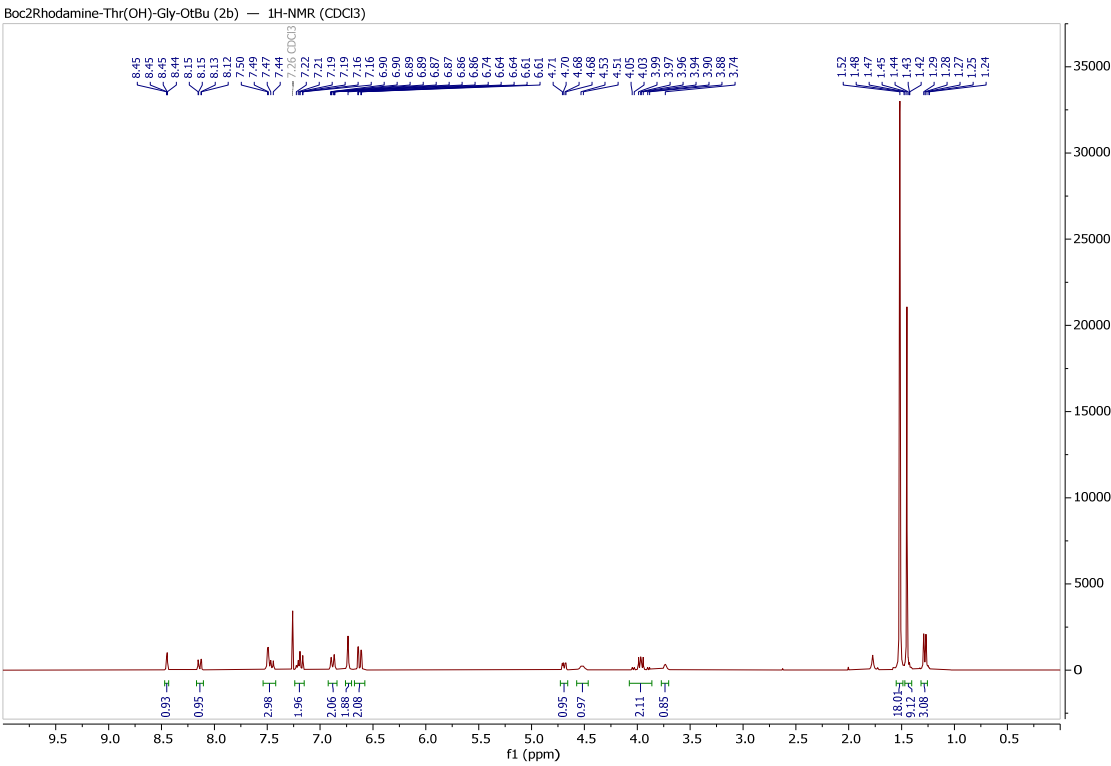


Boc2Rhodamine-Ser(OH)-Gly-OtBu (2a) 331 (5.881) Cm (329:331)

1: TOF MS ES+
7.68e3

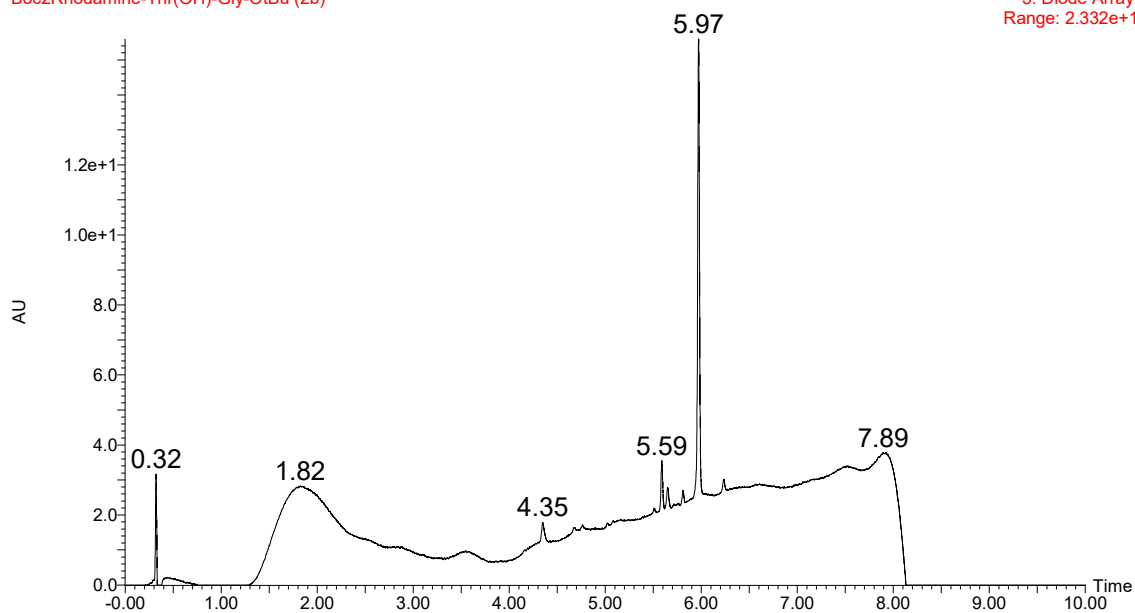


Boc₂Rhodamine-Thr(OH)-Gly-O^tBu (2b)



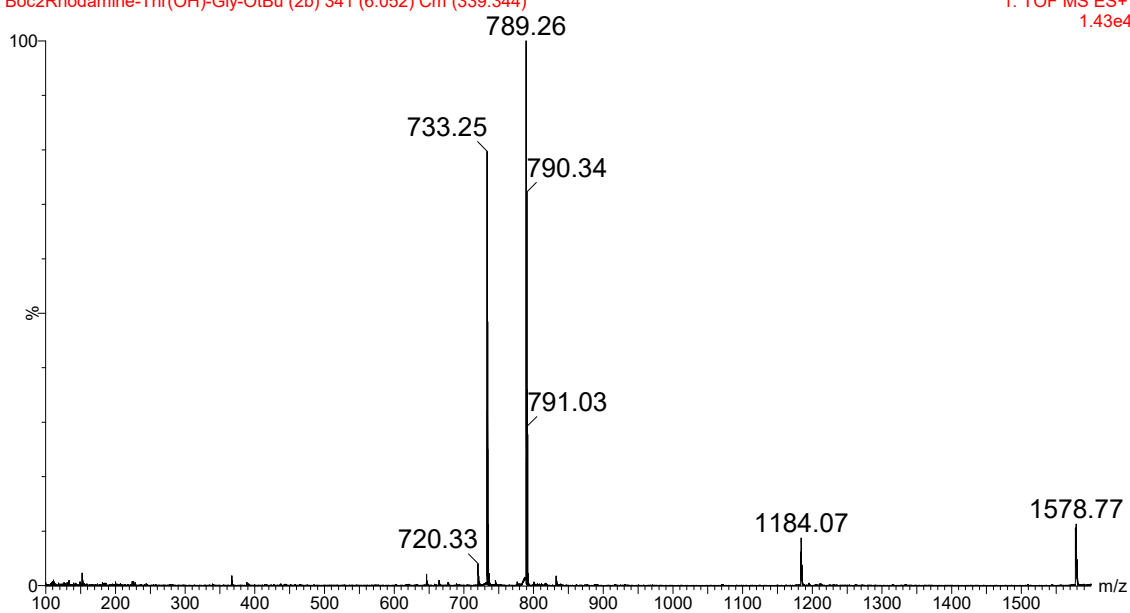
Boc2Rhodamine-Thr(OH)-Gly-OtBu (2b)

3: Diode Array
Range: 2.332e+1

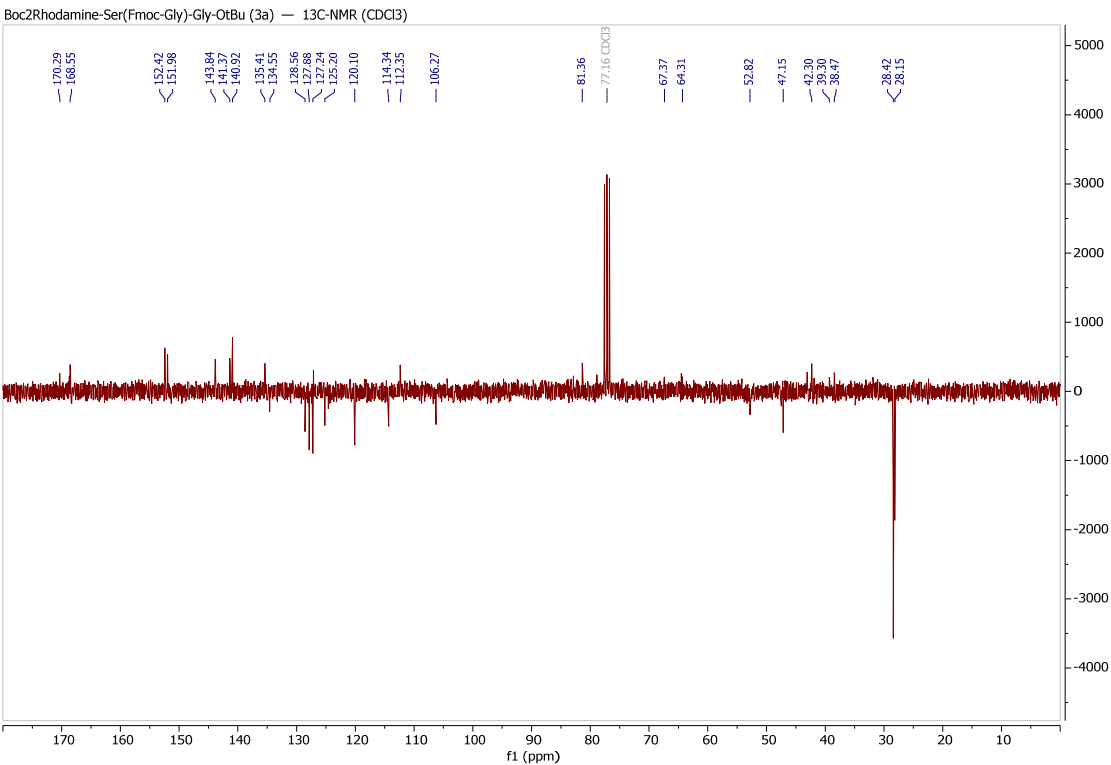
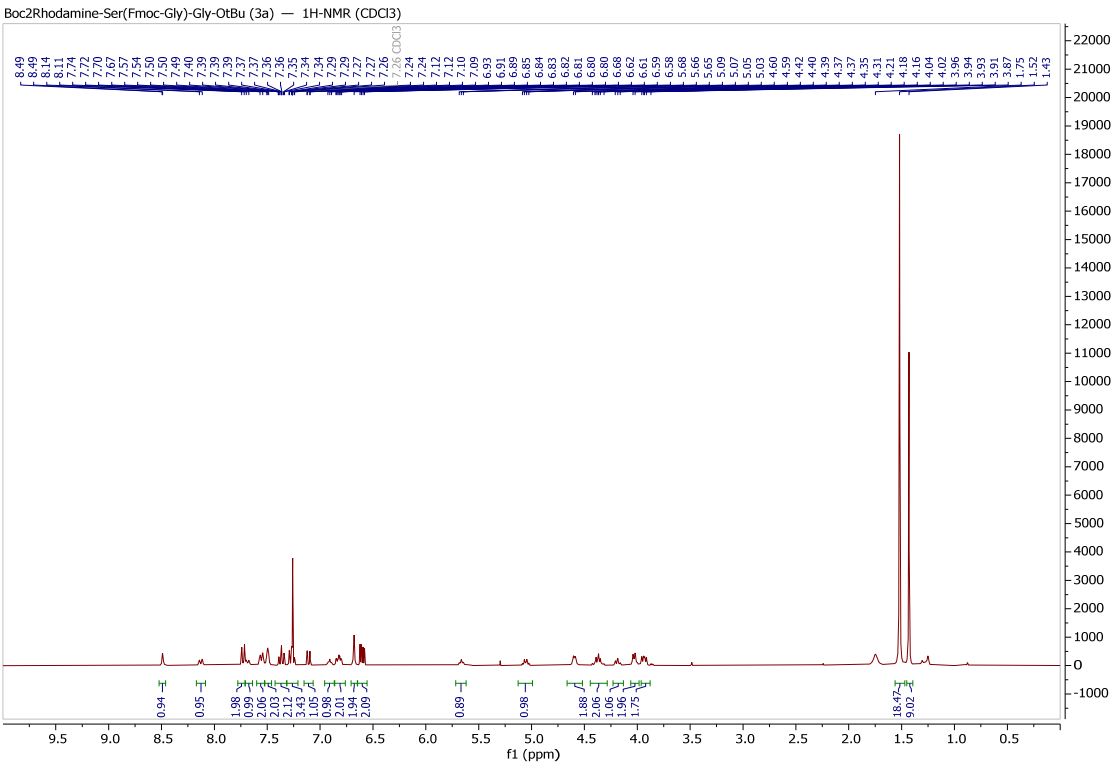


Boc2Rhodamine-Thr(OH)-Gly-OtBu (2b) 341 (6.052) Cm (339:344)

1: TOF MS ES+
1.43e4

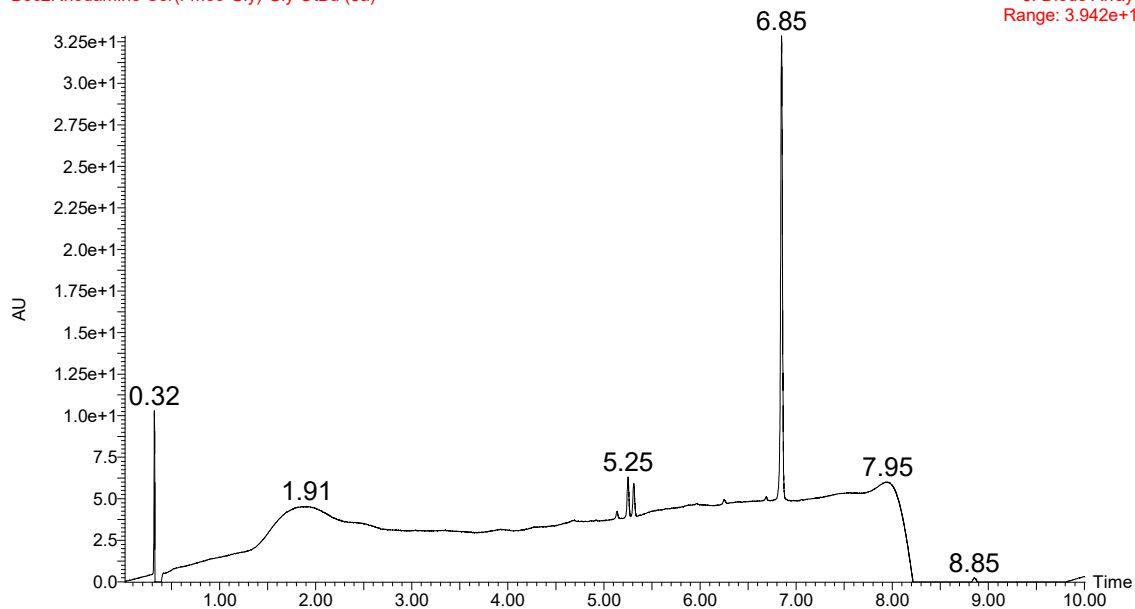


Boc₂Rhodamine-Ser(Fmoc-Gly)-Gly-O^tBu (3a)



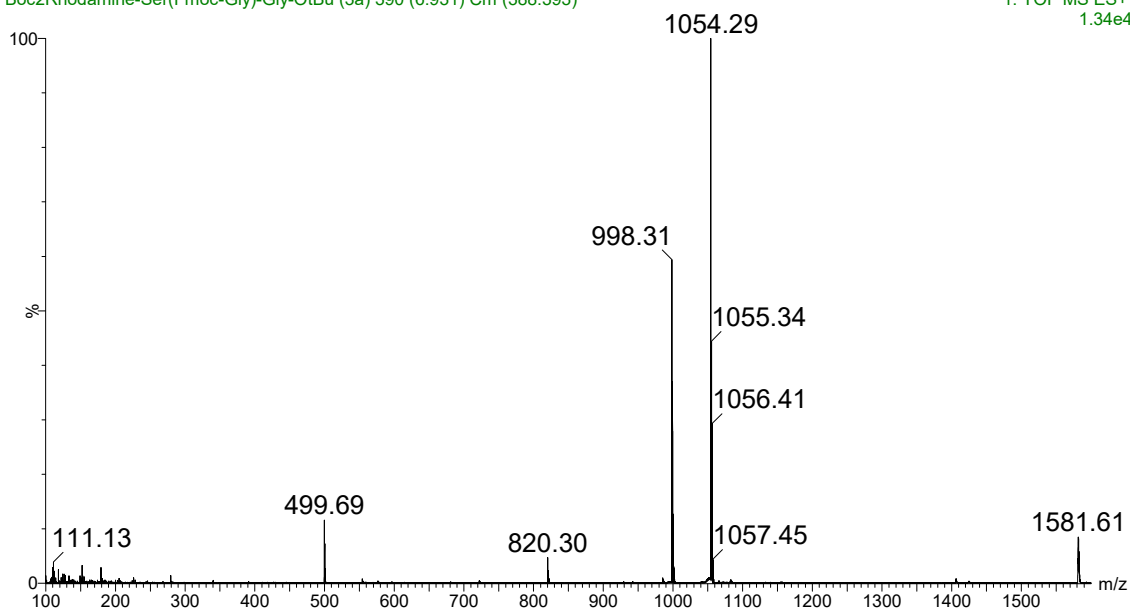
Boc2Rhodamine-Ser(Fmoc-Gly)-Gly-OtBu (3a)

3: Diode Array
Range: 3.942e+1

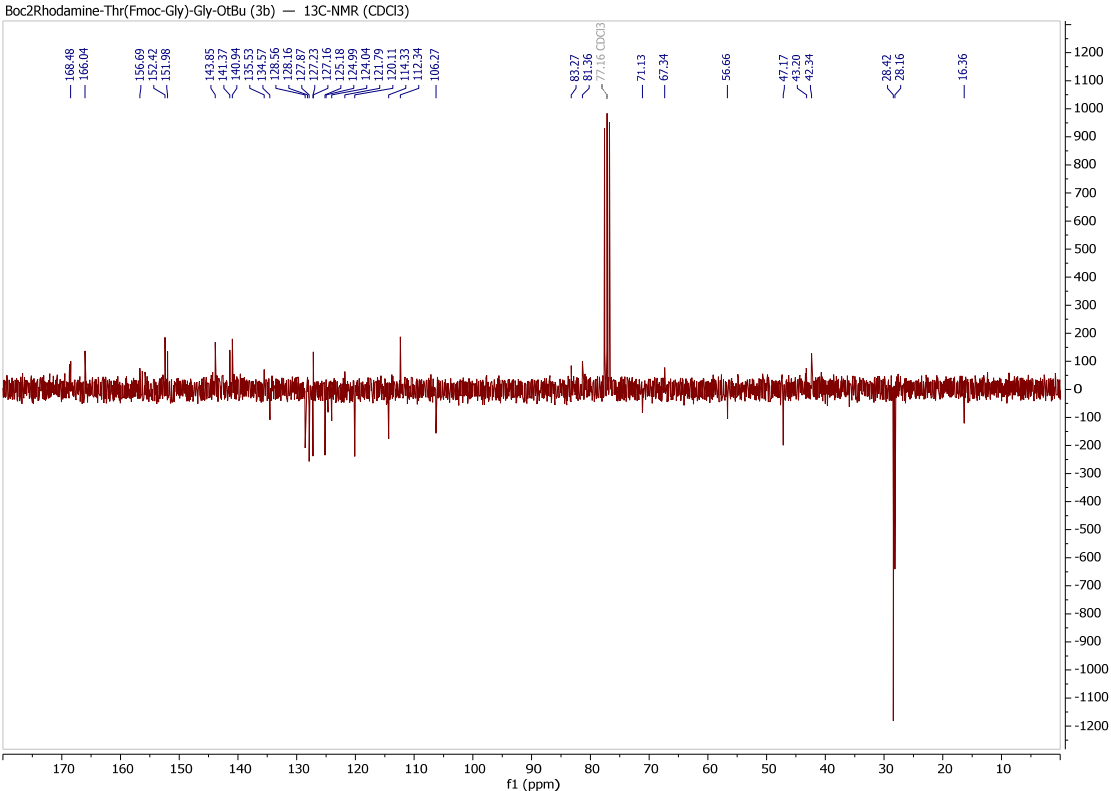
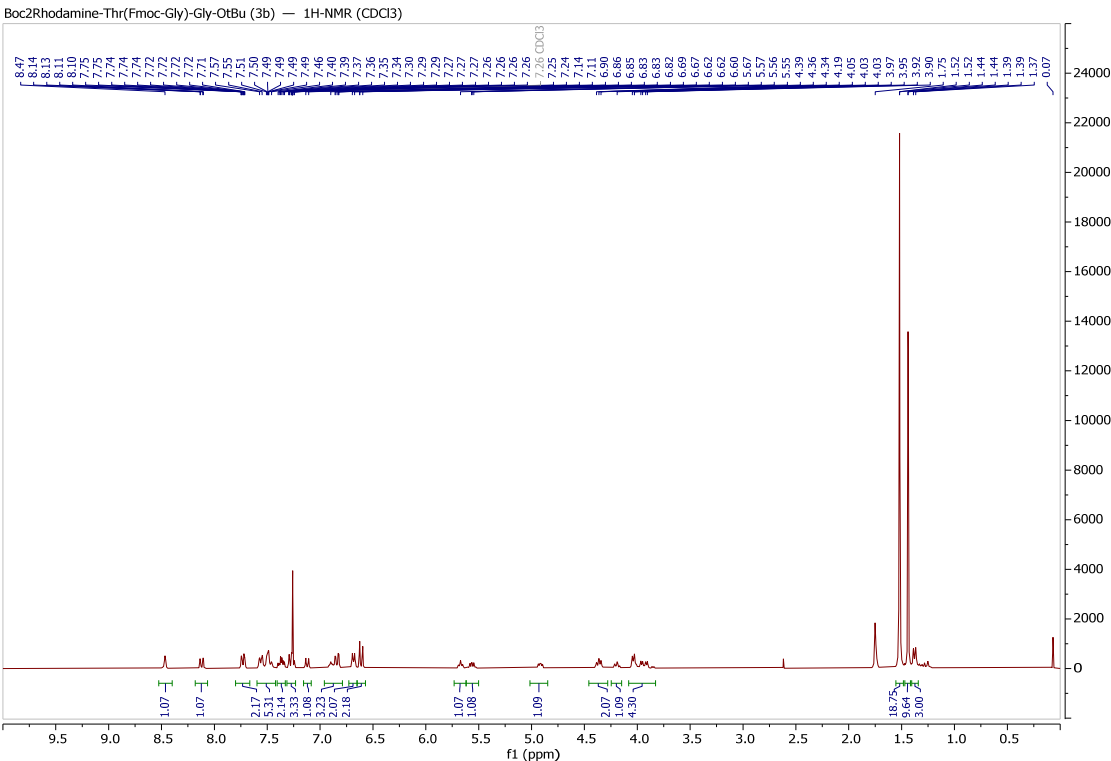


Boc2Rhodamine-Ser(Fmoc-Gly)-Gly-OtBu (3a) 390 (6.931) Cm (388:393)

1: TOF MS ES+
1.34e4

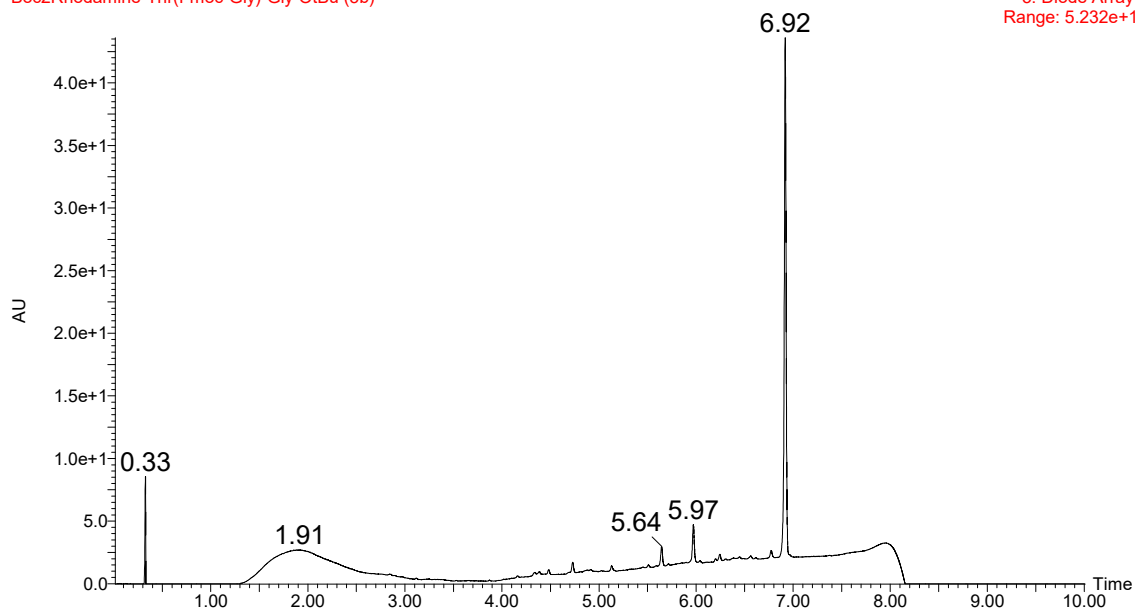


Boc₂Rhodamine-Thr(Fmoc-Gly)-Gly-O^tBu (3b)



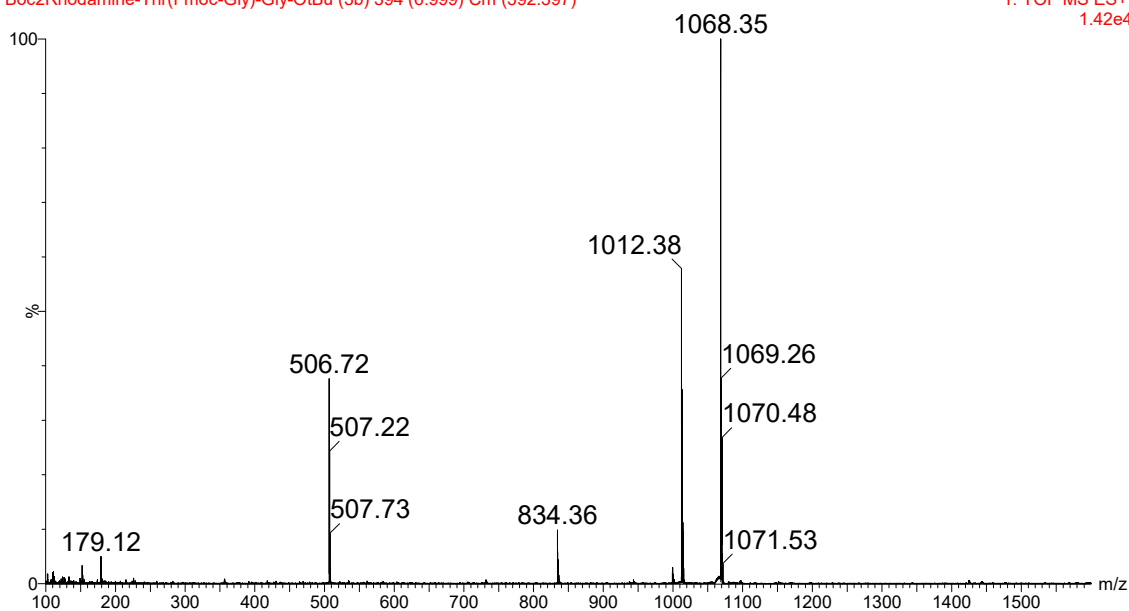
Boc2Rhodamine-Thr(Fmoc-Gly)-Gly-OtBu (3b)

3: Diode Array
Range: 5.232e+1

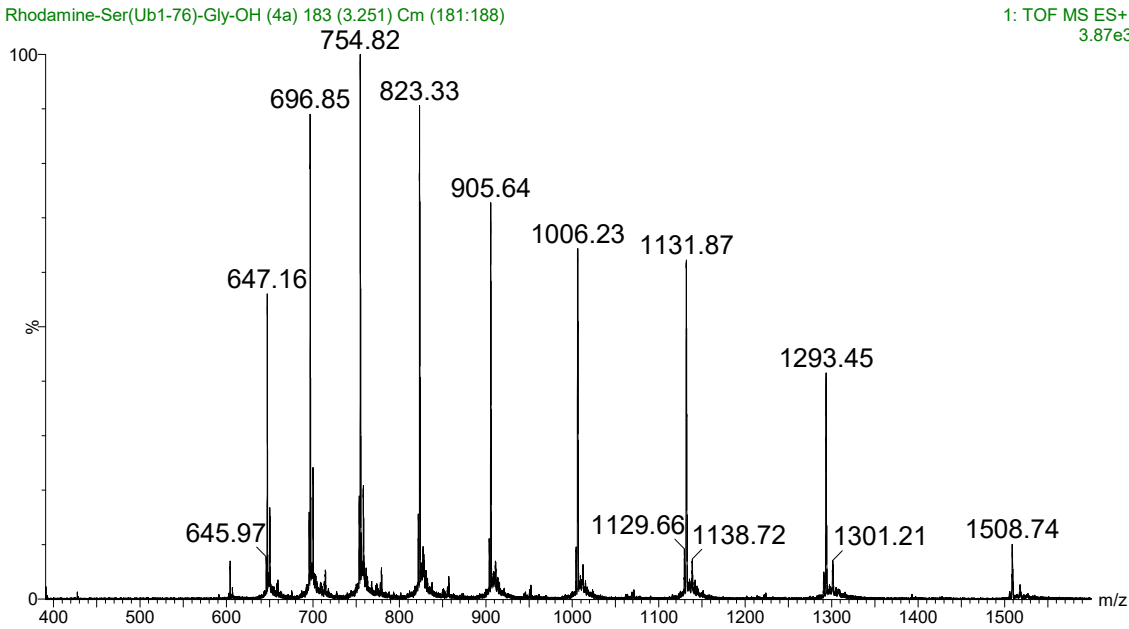
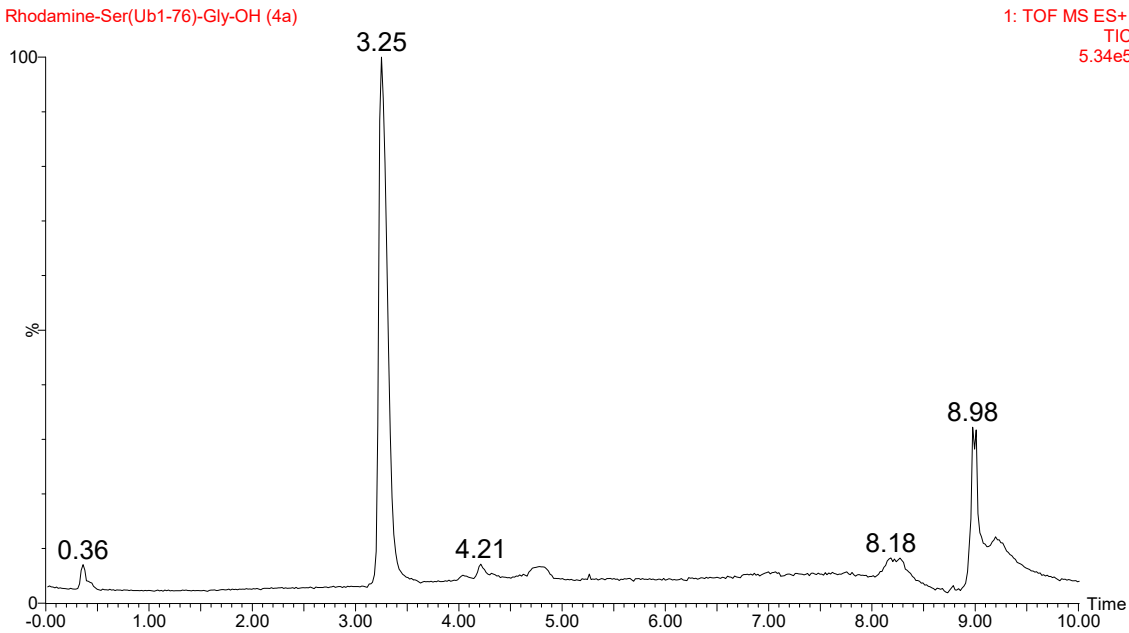


Boc2Rhodamine-Thr(Fmoc-Gly)-Gly-OtBu (3b) 394 (6.999) Cm (392:397)

1: TOF MS ES+
1.42e4

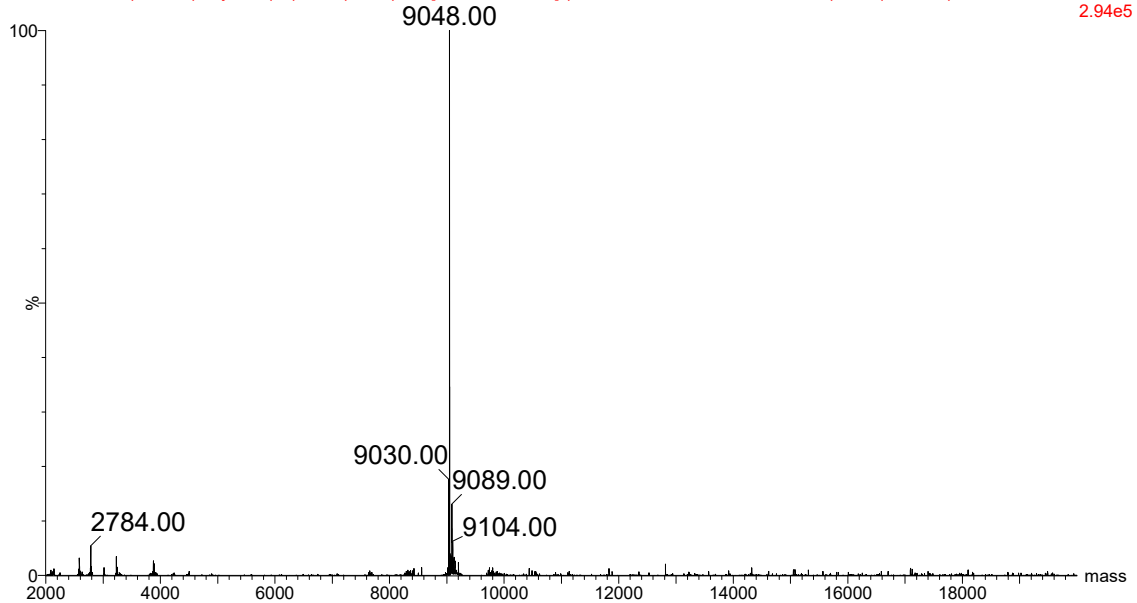


Rhodamine-Ser(Ub₁₋₇₆)-Gly-OH (4a)

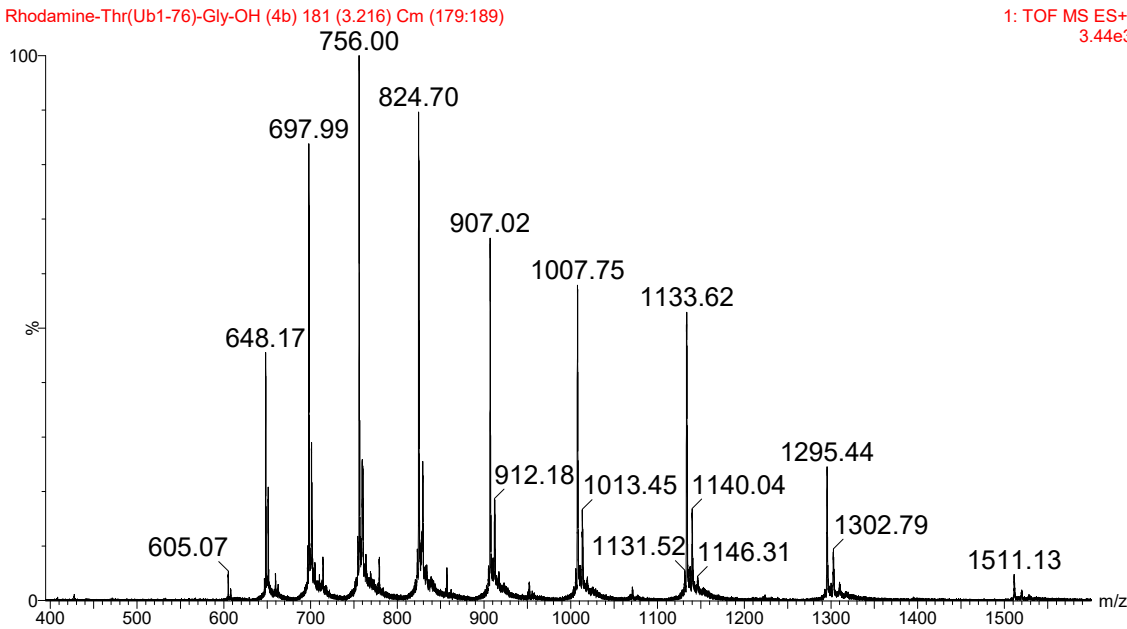
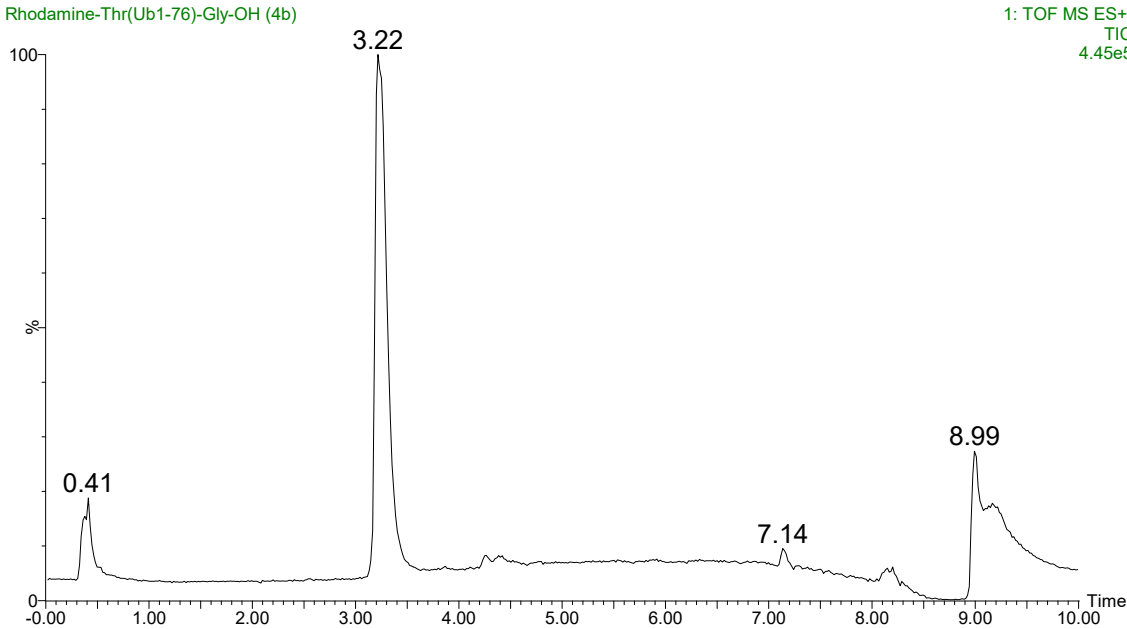


Deconvoluted mass spectrum

Rhodamine-Ser(Ub1-76)-Gly-OH (4a) 183 (3.251) M1 [Ev-142113,It39] (Gs,0.750,564:1543,1.00,L33,R33); Cm (181:188) 1: TOF MS ES+ 2.94e5



Rhodamine-Thr(Ub₁₋₇₆)-Gly-OH (4b)



Deconvoluted mass spectrum

