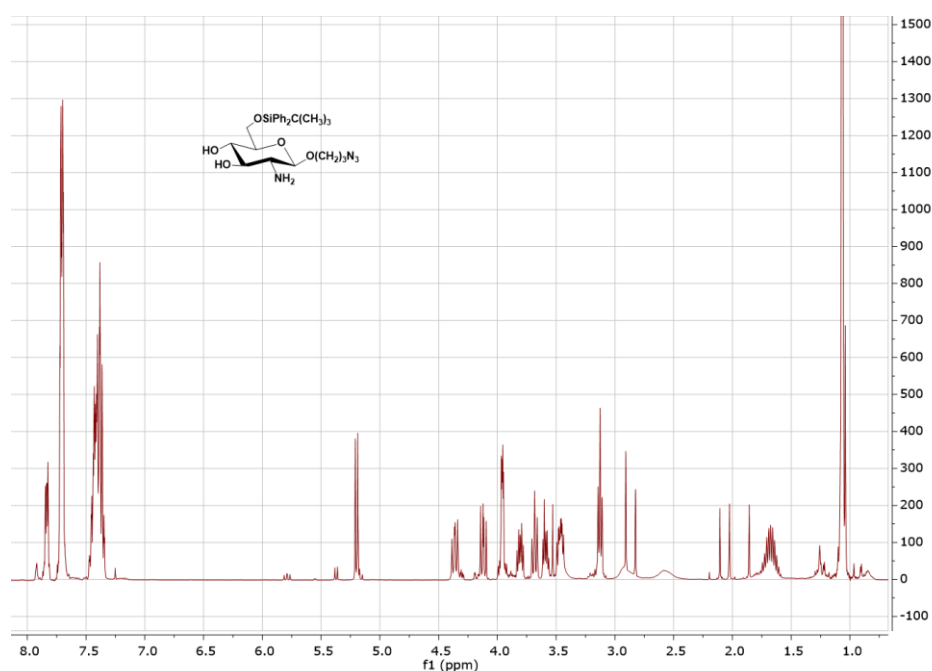


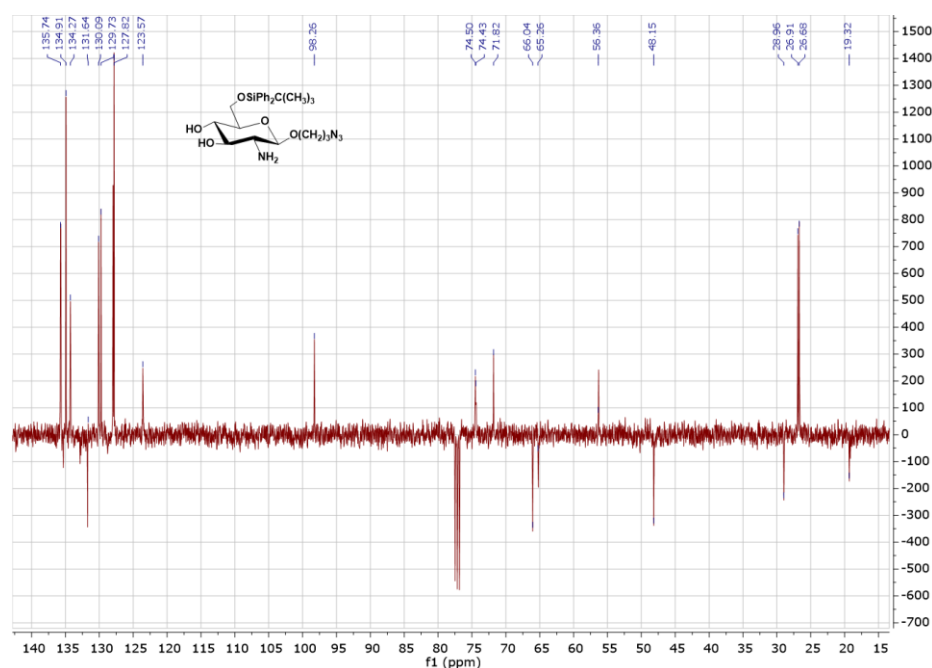
# Supplementary Materials: Synthesis of Novel, Dual-Targeting $^{68}\text{Ga}$ -NODAGA-LacN-E[c(RGDfK)]<sub>2</sub> Glycopeptide as a PET Imaging Agent for Cancer Diagnosis

Barbara Gyuricza, Judit P. Szabó, Viktória Arató, Dániel Szücs, Adrienn Vágner, Dezső Szikra and Anikó Fekete

## Part 1: $^1\text{H}$ NMR and $^{13}\text{C}$ NMR spectra of compound 2, 4, 5 and 6



**Figure S1.**  $^1\text{H}$  NMR spectrum of compound 2.



**Figure S2.**  $^{13}\text{C}$  NMR spectrum of compound 2.

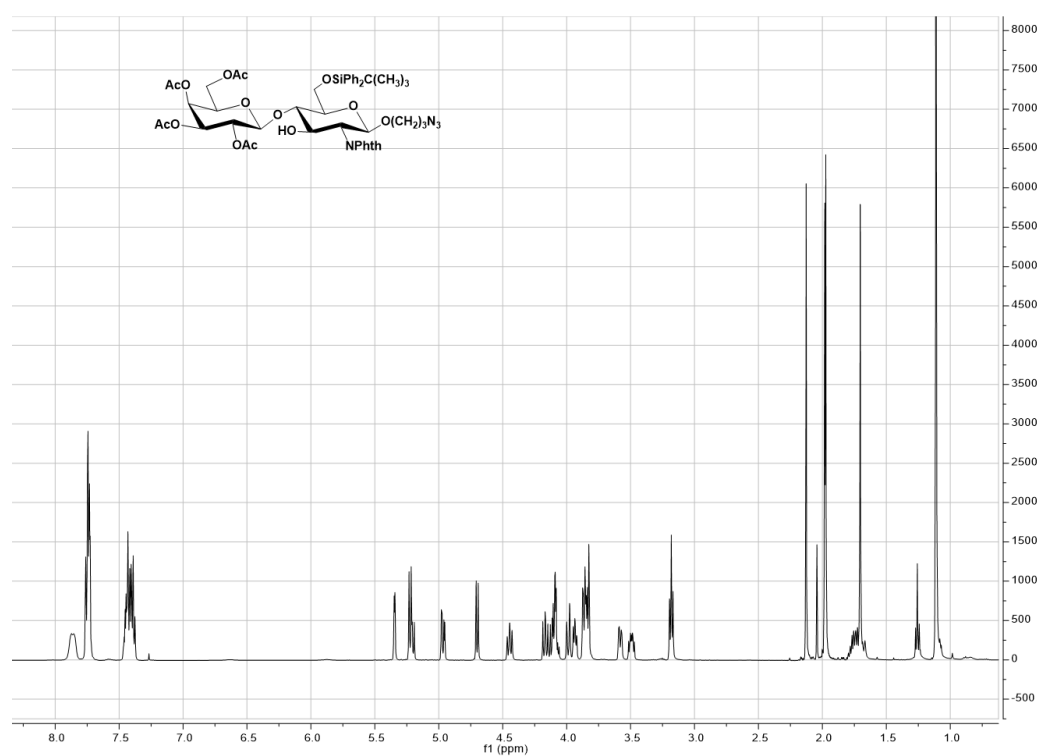


Figure S3. <sup>1</sup>H NMR spectrum of compound 4.

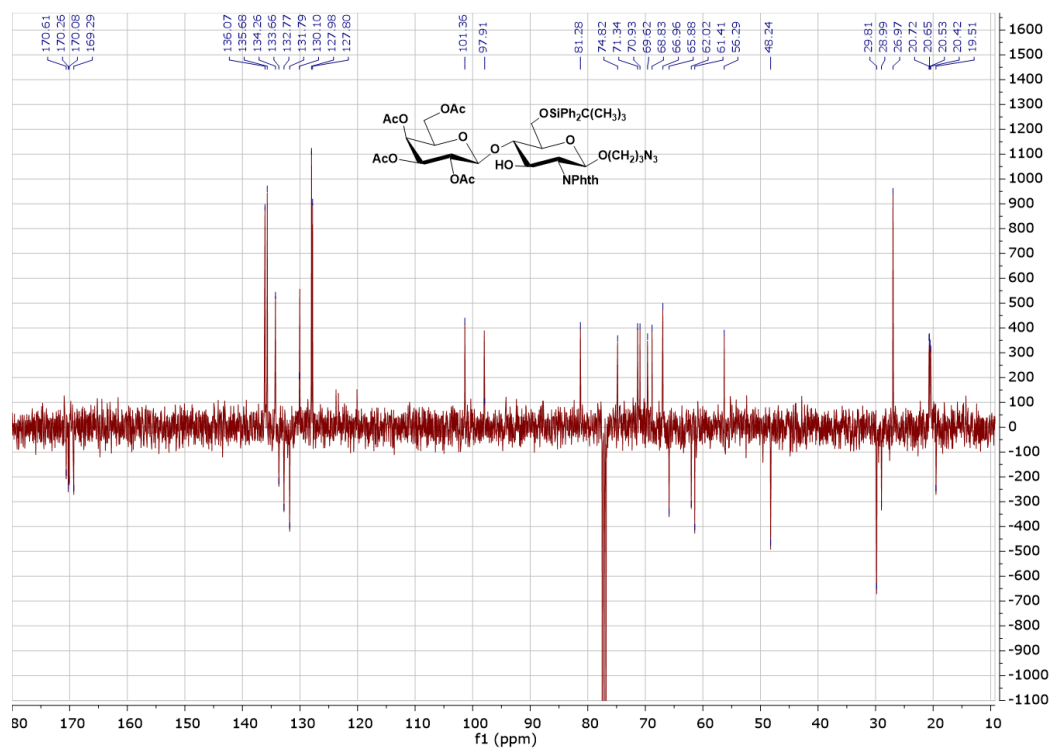


Figure S4. <sup>13</sup>C NMR spectrum of compound 4.

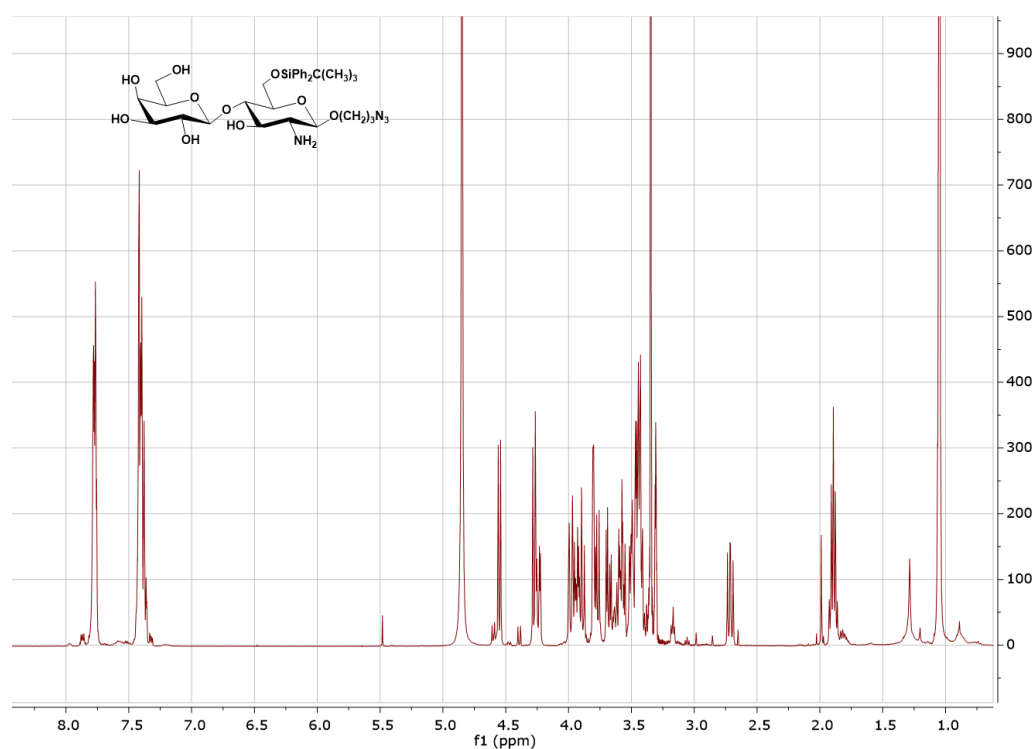


Figure S5. <sup>1</sup>H NMR spectrum of compound 5.

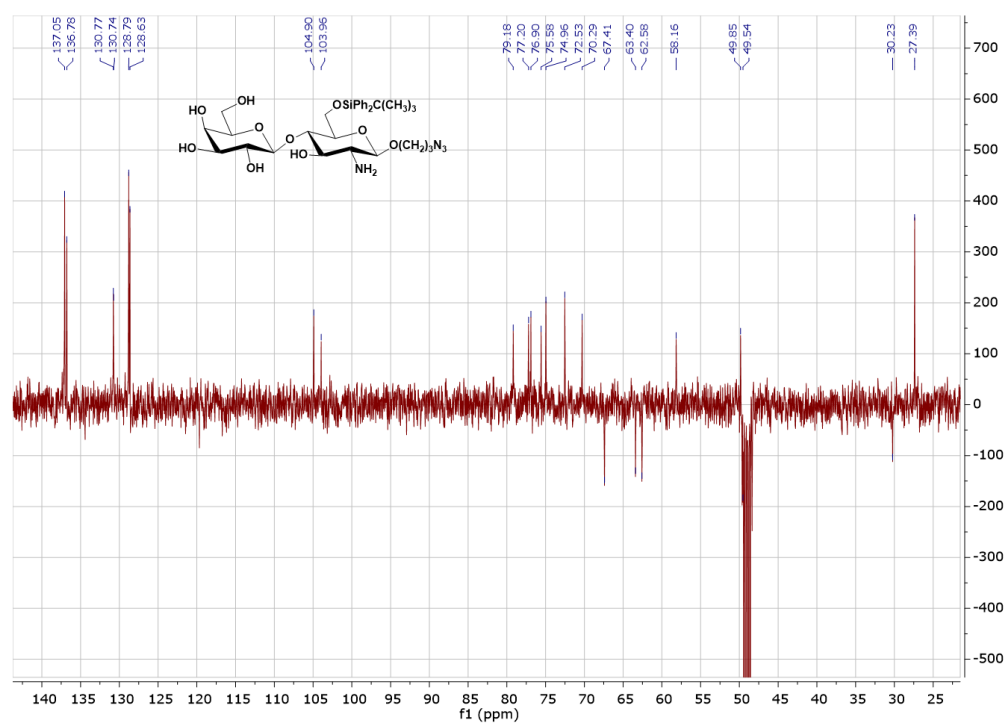


Figure S6. <sup>13</sup>C NMR spectrum of compound 5.

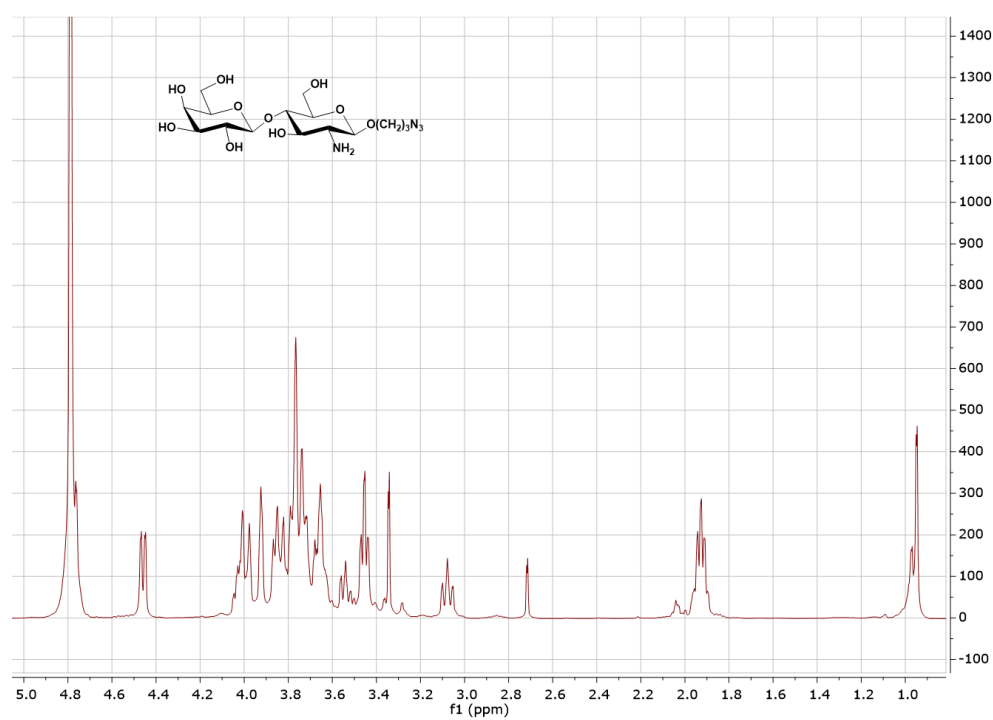


Figure S7.  $^1\text{H}$  NMR spectrum of compound 6.

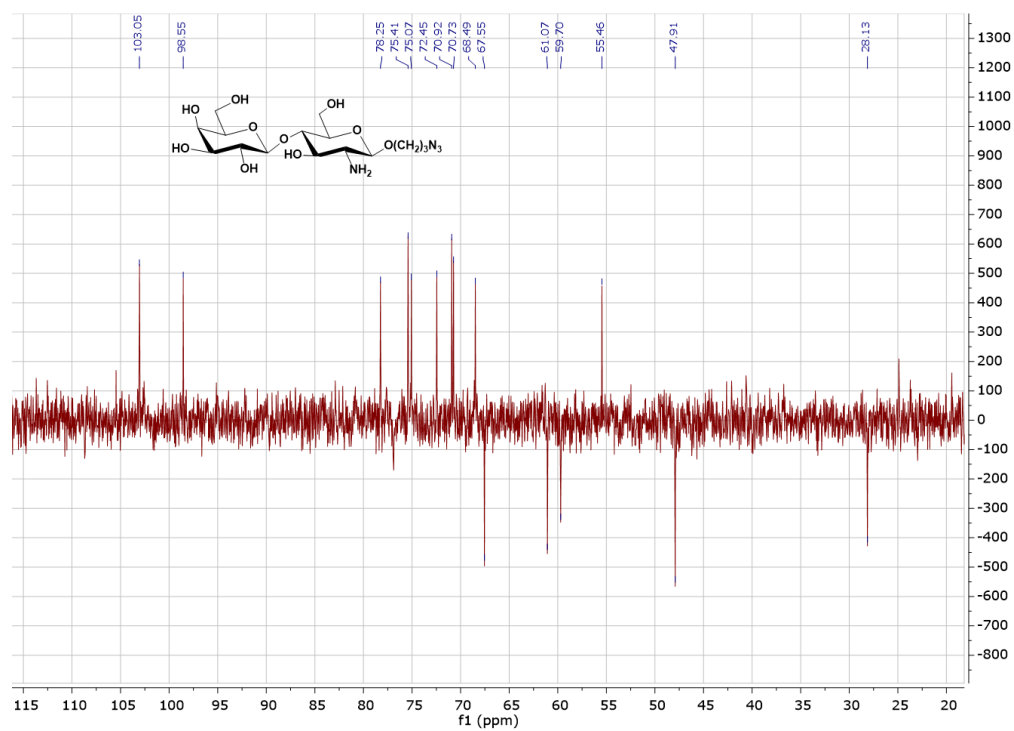
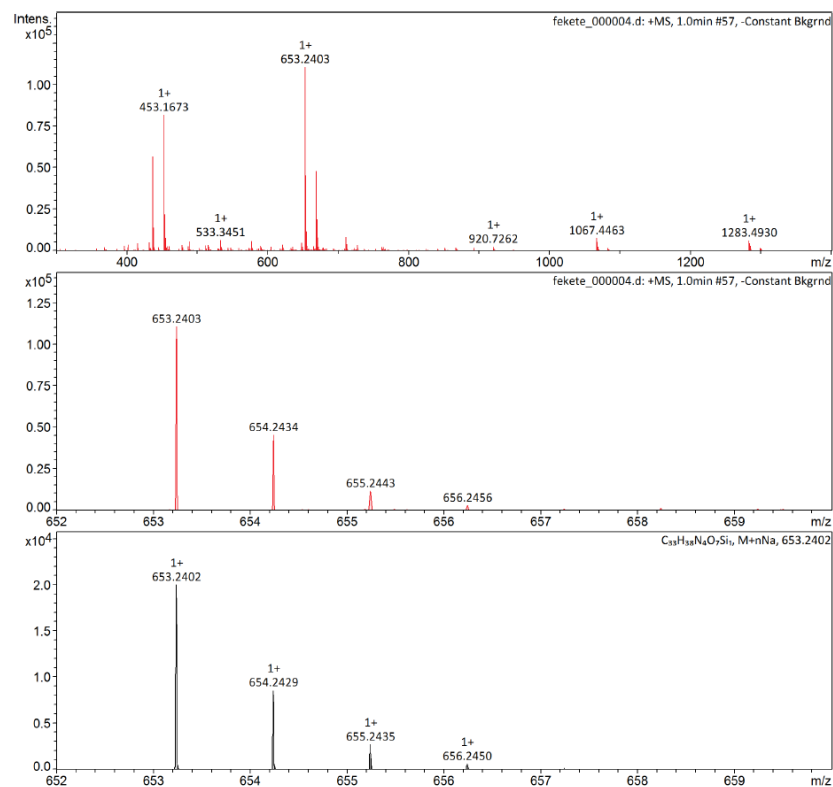
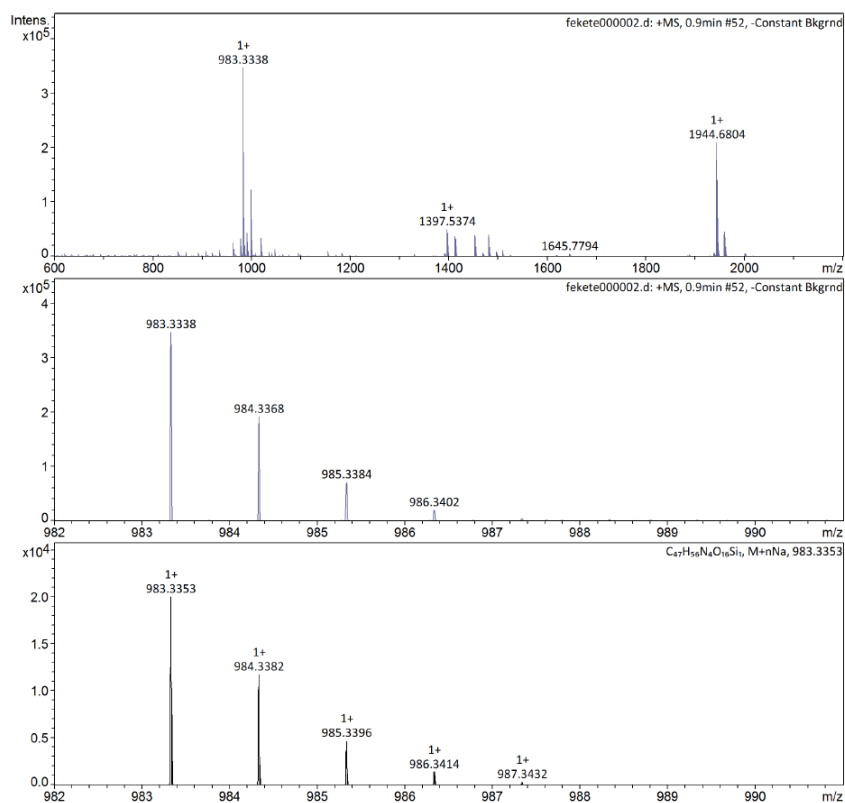


Figure S8.  $^{13}\text{C}$  NMR spectrum of compound 6.

**Part 2: Mass spectra of compound 2, 4, 5, 6, 8, 11 and 12****Figure S9.** Mass spectrum of compound 2.**Figure S10.** Mass spectrum of compound 4.

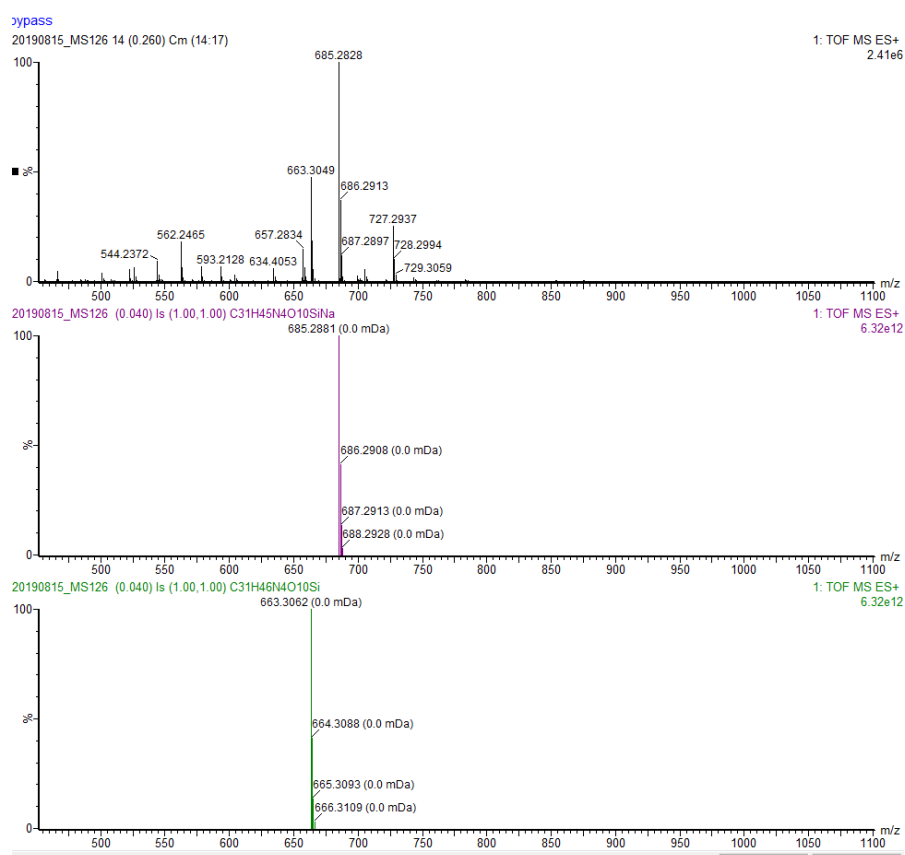


Figure S11. Mass spectrum of compound 5.

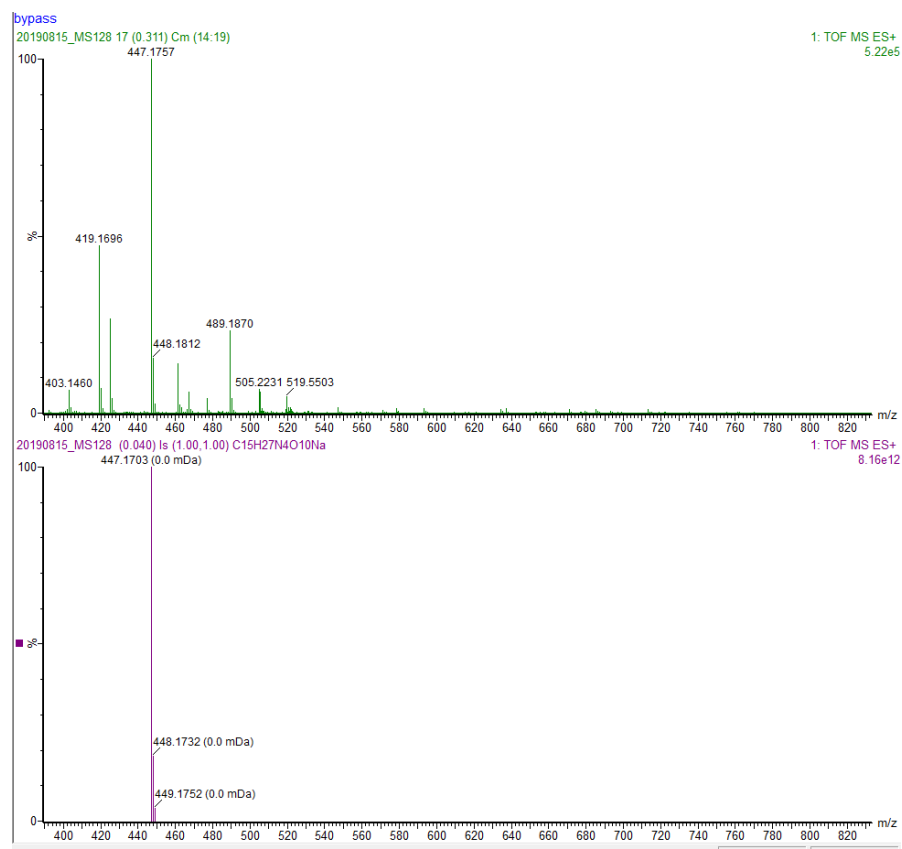


Figure S12. Mass spectrum of compound 6.

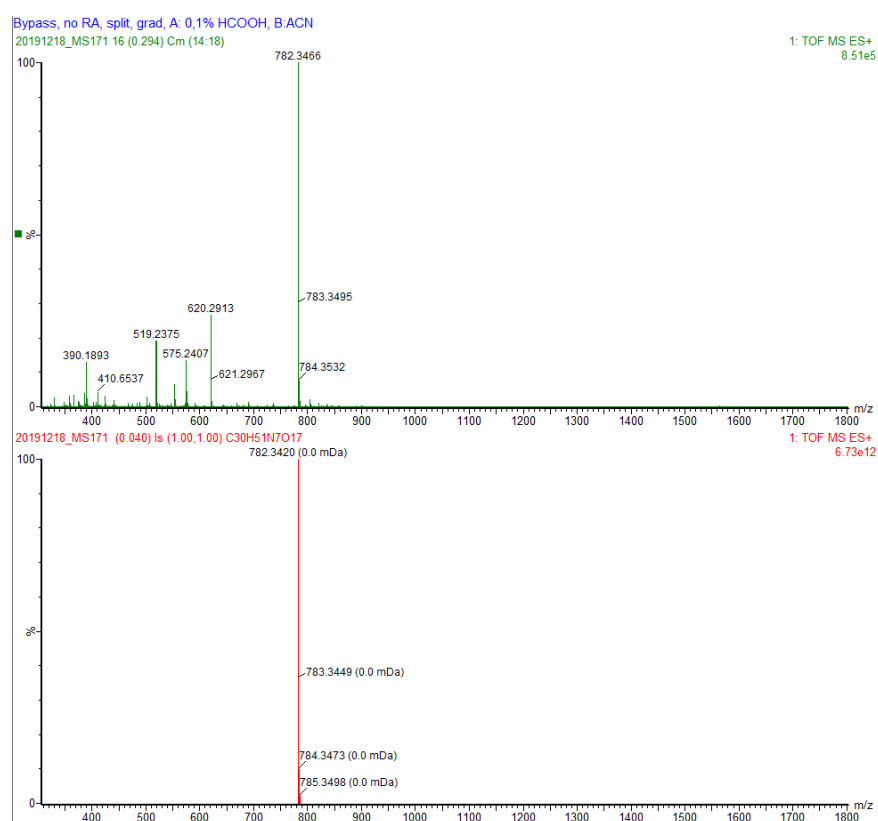


Figure S13. Mass spectrum of compound 8.

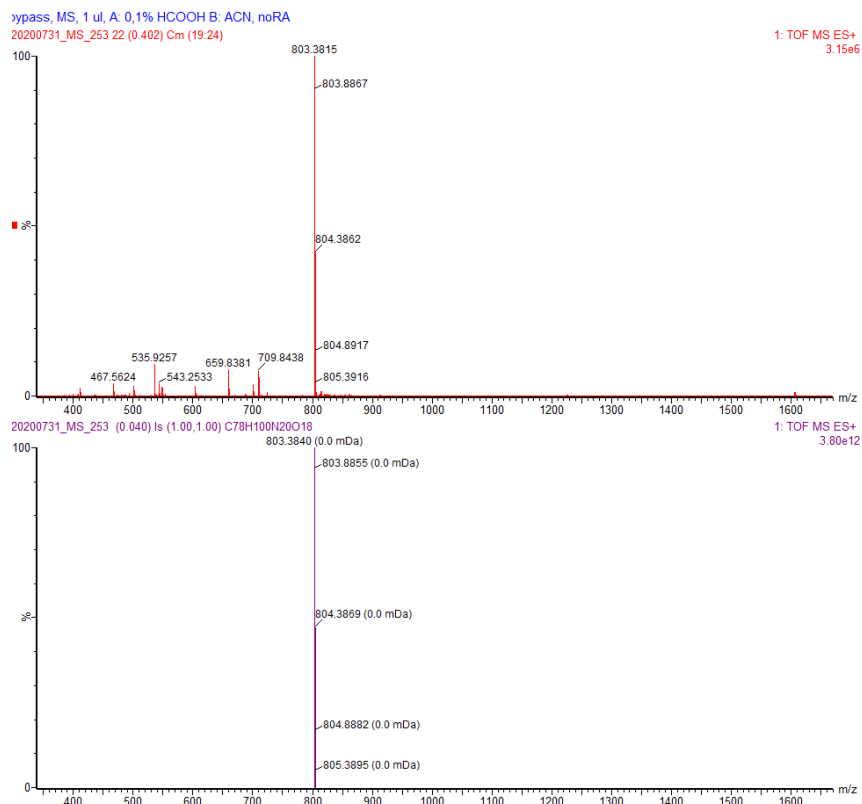


Figure S14. Mass spectrum of compound 11.

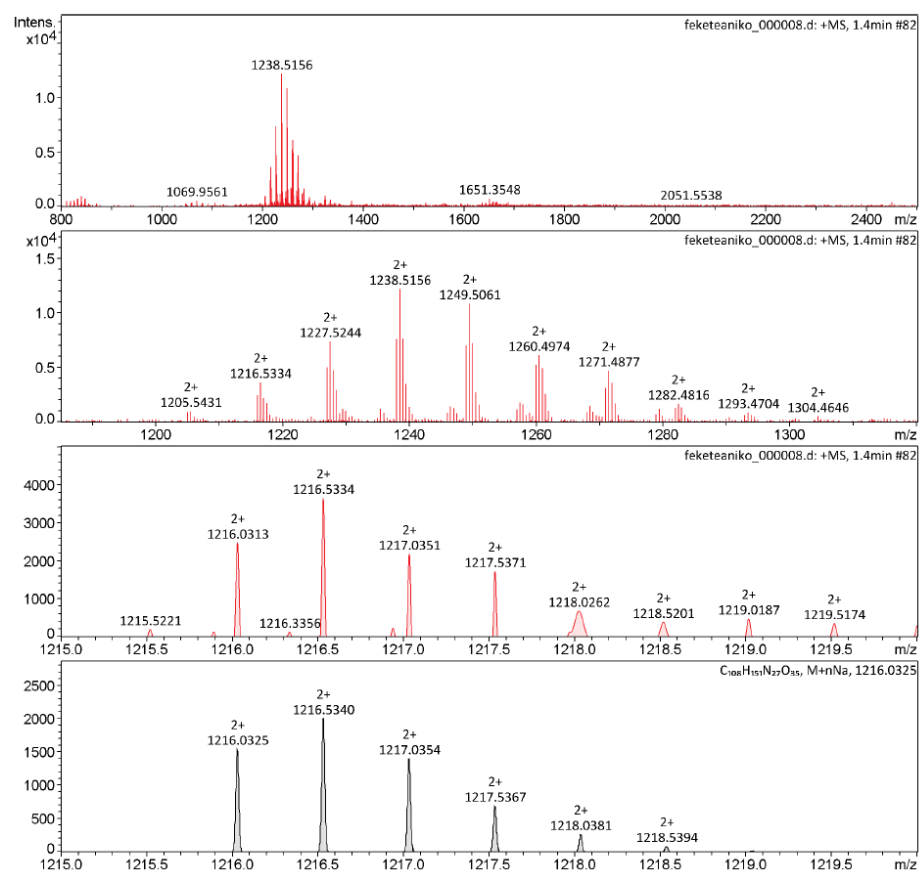


Figure S15. Mass spectrum of compound 12.