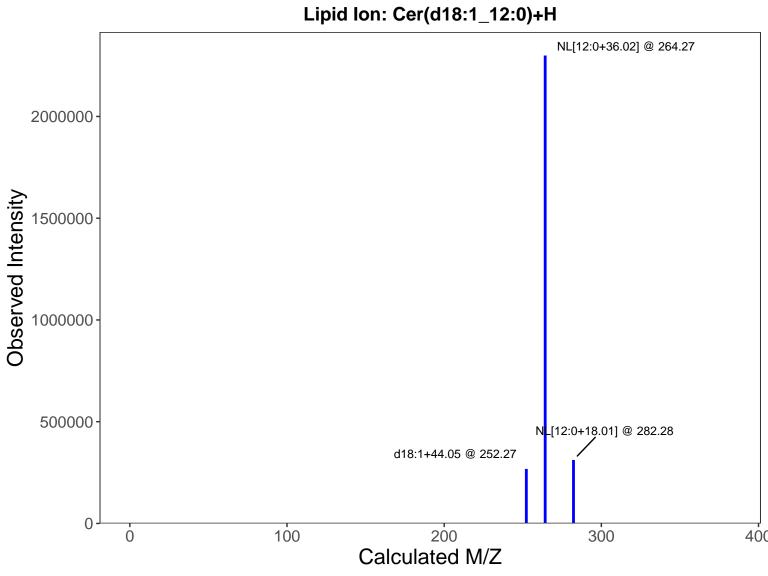
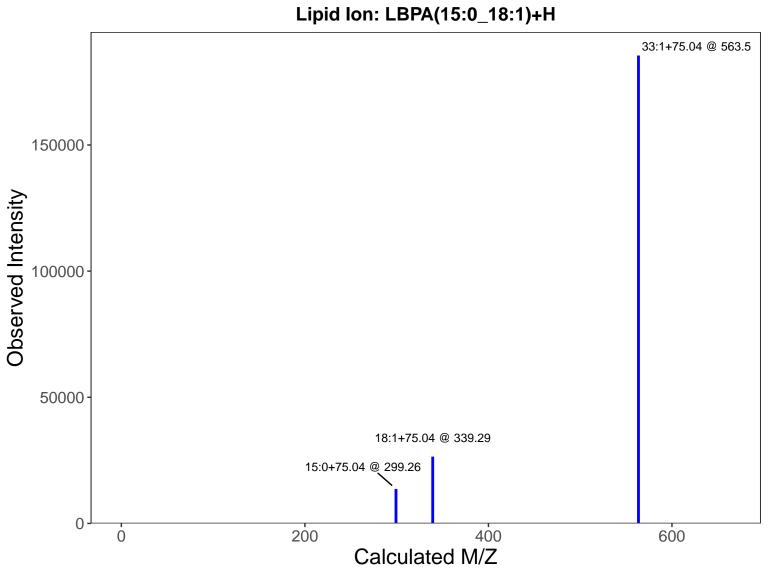
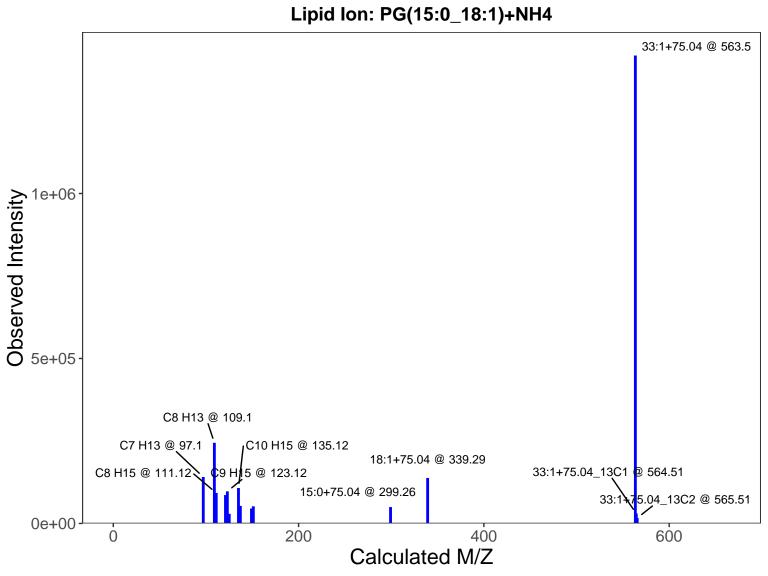


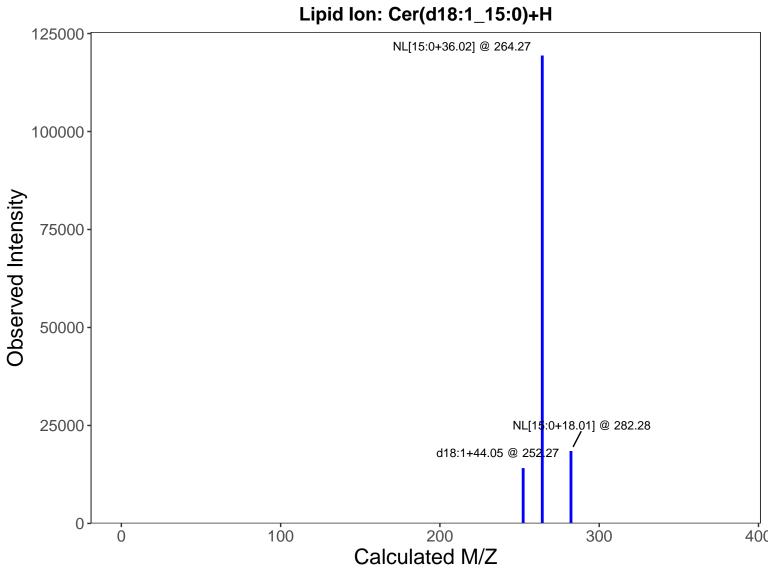
Lipid Ion: MGDG(16:3\_18:3)+NH4 16:3+75.04 @ 307.23 18:3+75.04 @ 335.26 6e+05-Observed Intensity 2e+05-18:3<mark>+</mark>75.04\_13C1 @ 336.26 16:3+75.04\_13C1 @ 308.23\ 34:6+75.04 @ 567.44 **1**8:3+75.04\_13C2 @ 337.26 16:3+75.04\_13C2 @ 309.23 0e+00 200 400 600 Calculated M/Z



Lipid Ion: PS(15:0\_18:1)+H 33:1+75.04 @ 563.5 1e+05-Observed Intensity 5e+04-C9 H13 @ 121.1 ,C10 H15 @ 135.12 C7 H11 @ 95.09 C9 H1\$ @ 123.12 15:0+75.04 @ 299.26 C11 H17 @ 149.13 C8 H15 @ 111.12 18/1+75.04 @ 339.29 C11 H19 @ 151.15 0e+00 200 400 600 0 Calculated M/Z



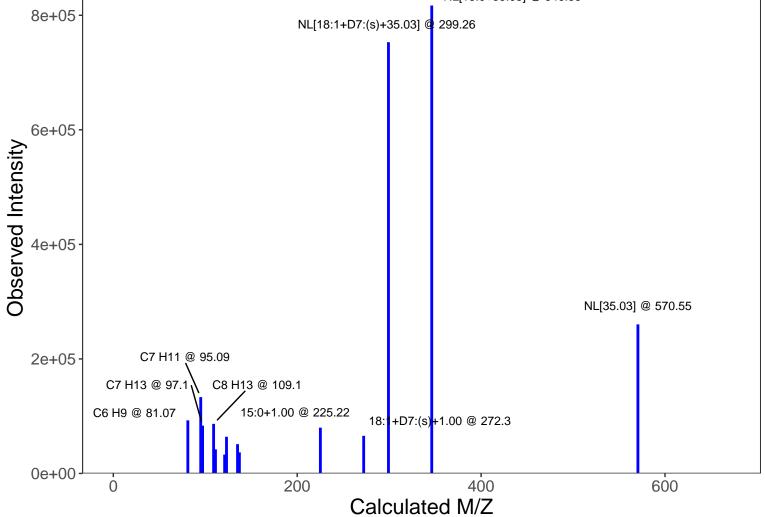


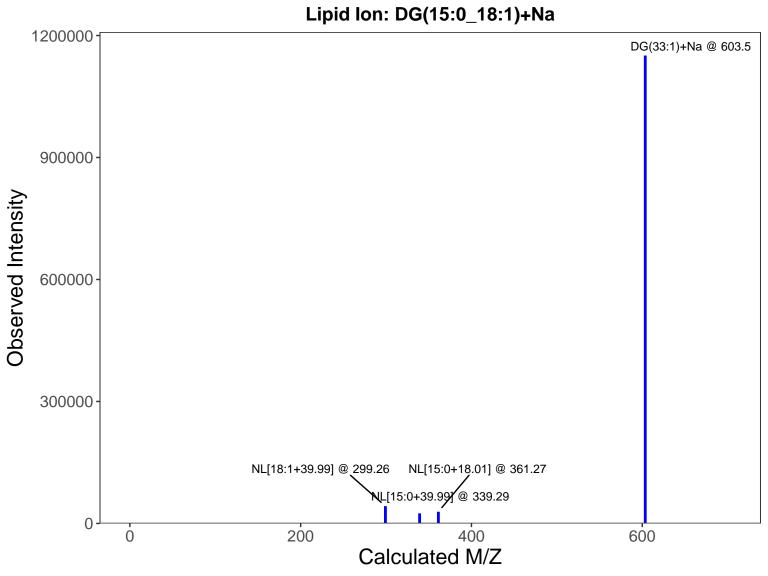


Lipid Ion: DG(15:0\_18:1)+NH4+D7:(s)

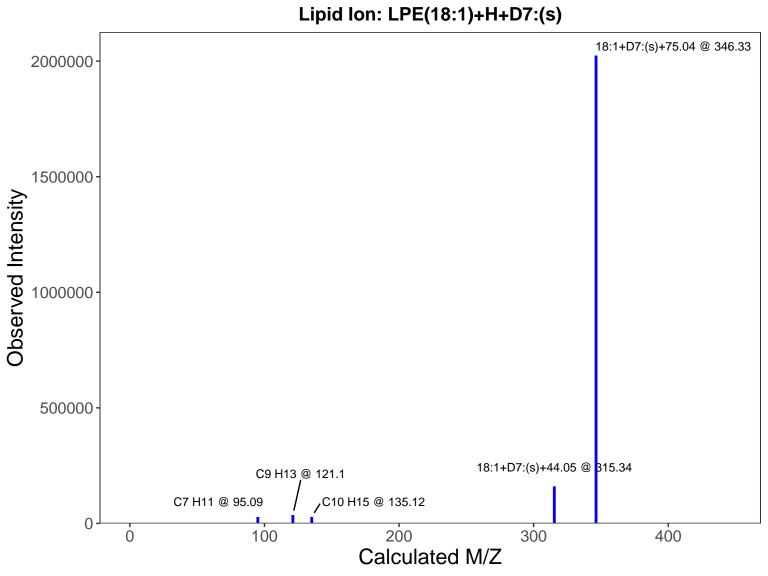
NL[15:0+35.03] @ 346.33

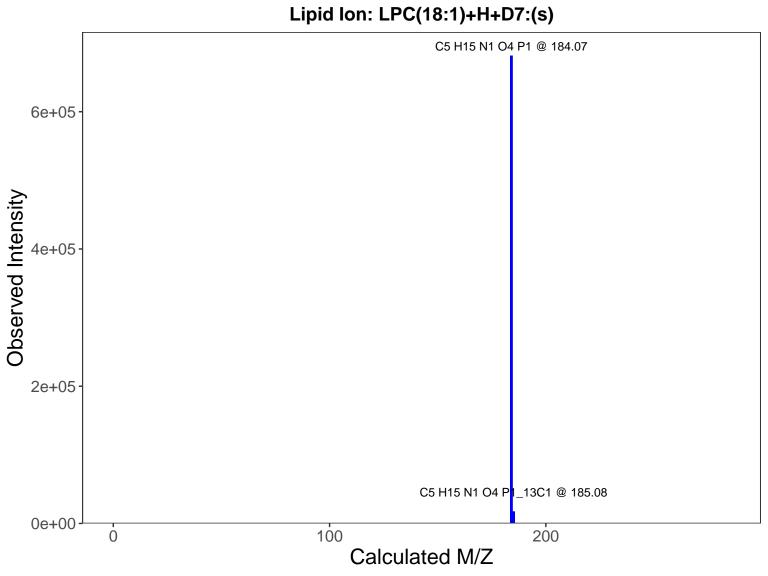
NL[18:1+D7:(s)+35.03] @ 299.26

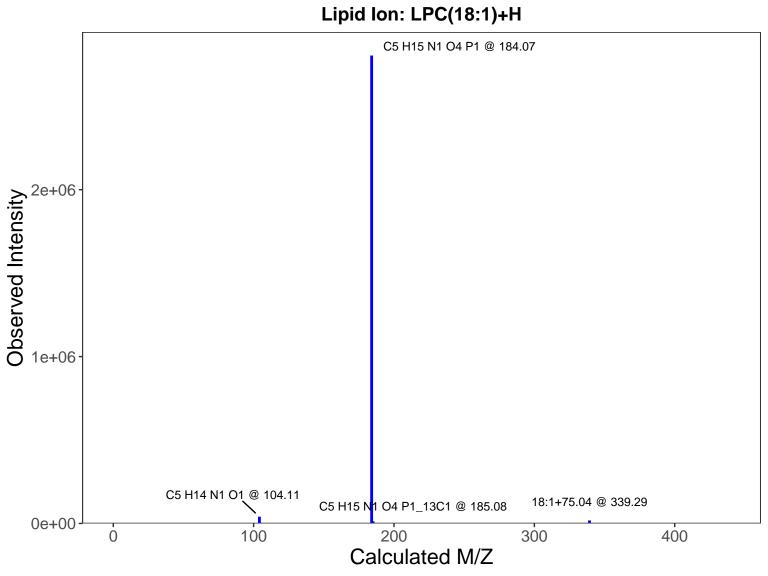


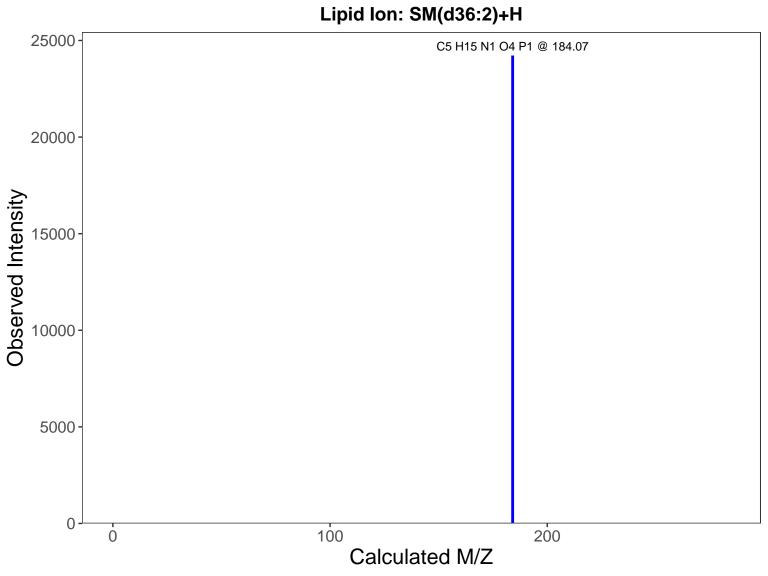


Lipid Ion: TG(15:0\_15:0\_18:1)+NH4 2500000-NL[15:0+35.03] @ 563.5 2000000-**Observed Intensity** 1500000 -NL[18:1+35.03] @ **5**23.47 1000000 -C7 H11 @ 95.09 C8 H18 @ 109.1 15:0+1.00 @ 225.22 C7 H13 @ 97.1 C9 H15 @ 123.12 500000-C8 H15 @ 111.12 C9 H13 @ 121.1 18:1+1.00 @ 265.25 15:0+75.04 @ 299.26 C8 H11 @ 107.09 0 400 600 0 200 Calculated M/Z



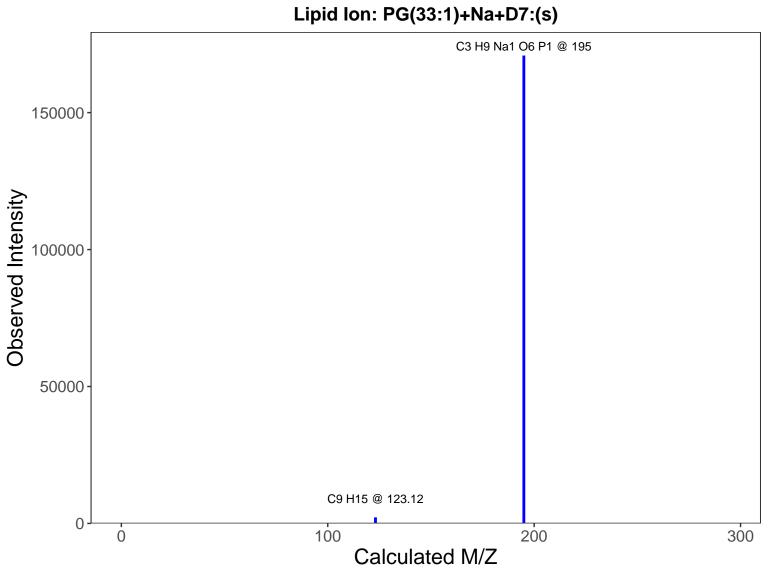


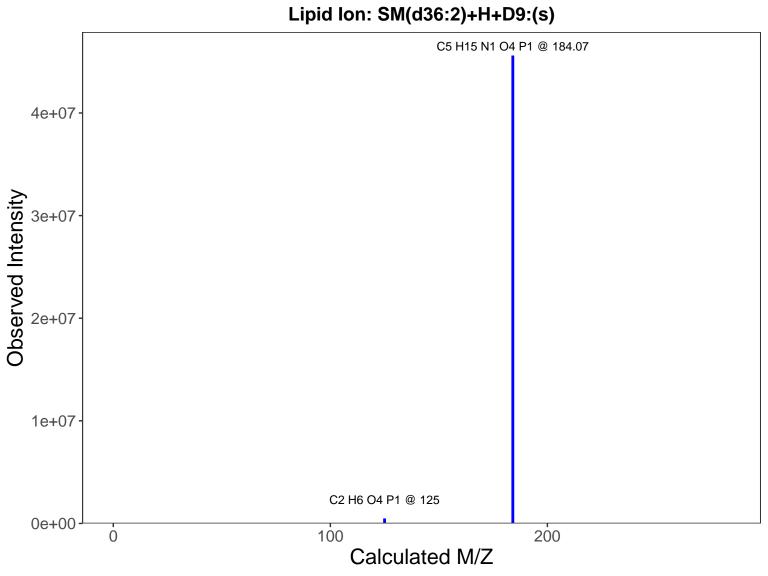


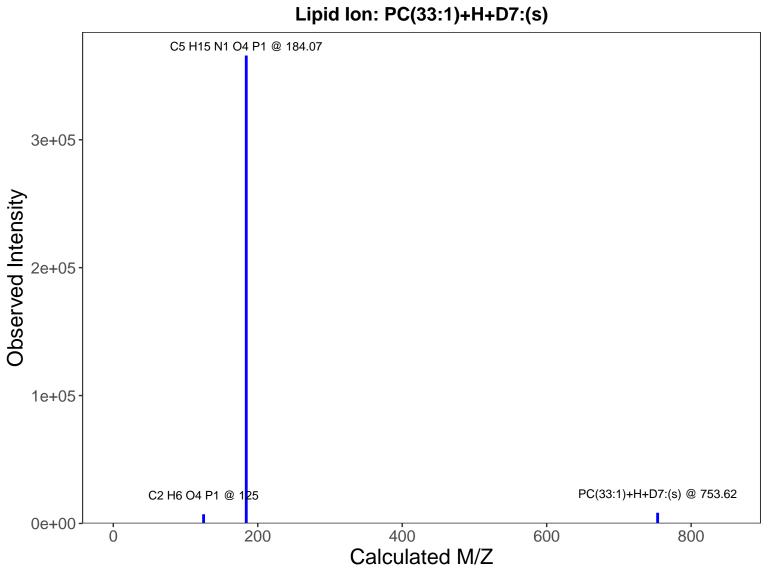


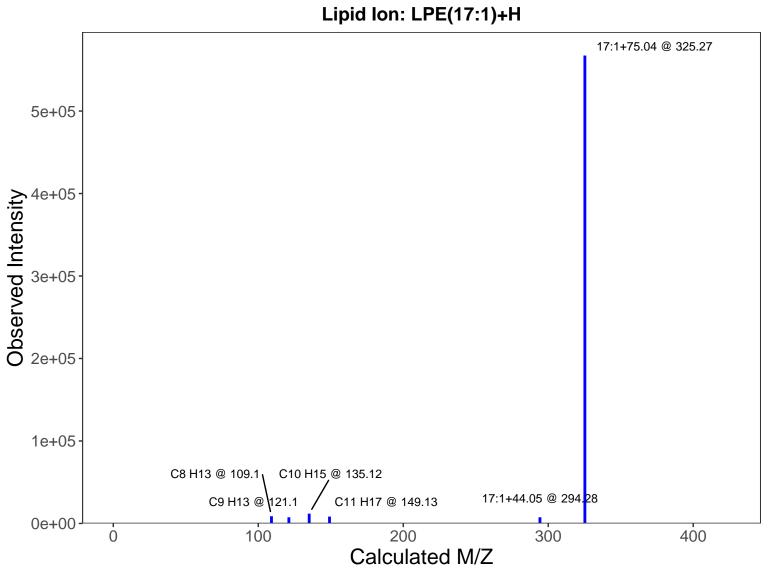
Lipid Ion: PI(33:1)+H+D7:(s) 33:1+D7:(s)+75.04 @ 570.55 4000 C6 H13 @ 85.1 C8 H13 @ 109.1 Observed Intensity C5 H9 @ 69.07 C7 H11 @ 95.09 1000-0 200 400 600 0 Calculated M/Z

Lipid Ion: PI(33:1)+H 33:1+75.04 @ 563.5 150000-Observed Intensity 100000 -C7 H11 @ 95.09 C8 H13 @ 109.1 50000-C9 H13 @ 121.1 C8 H15 @ 111.12 C9 H15 @ 123.12 C10 H15 @ 135.12 0 200 400 600 0 Calculated M/Z

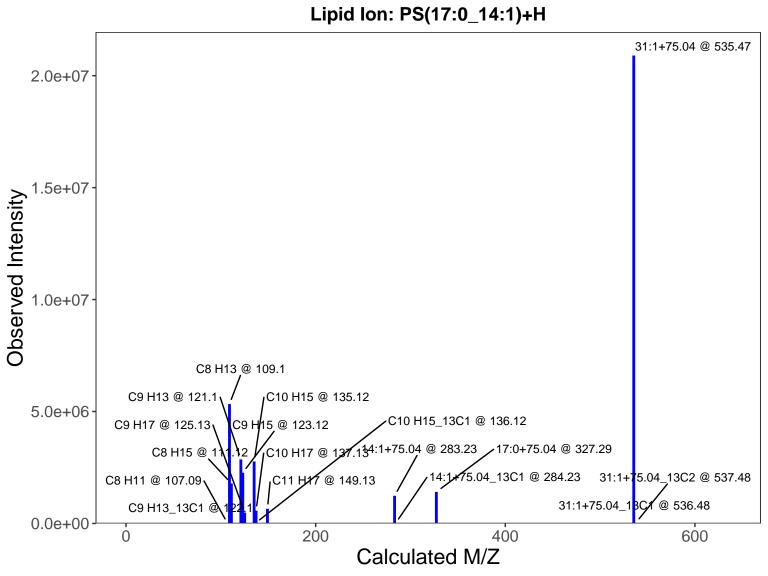


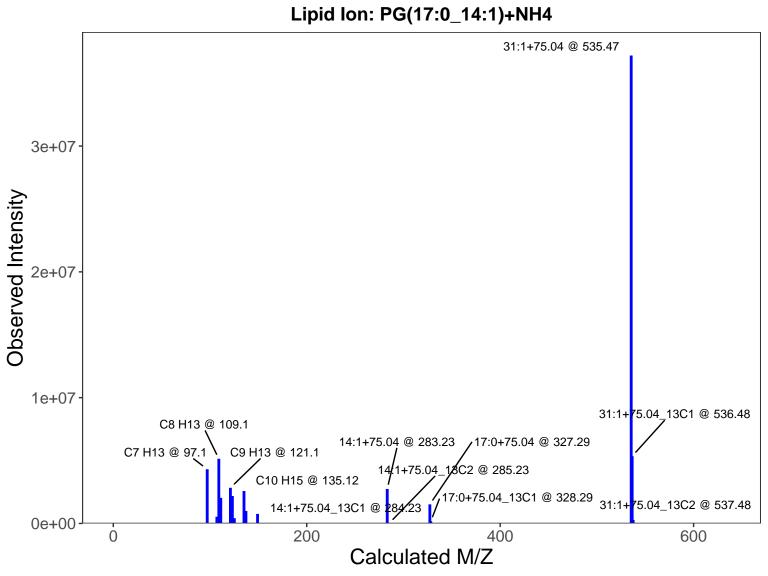


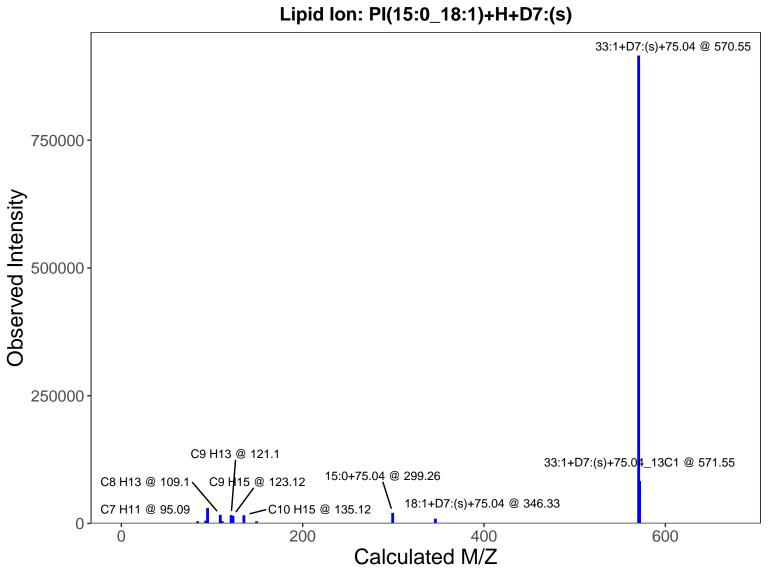




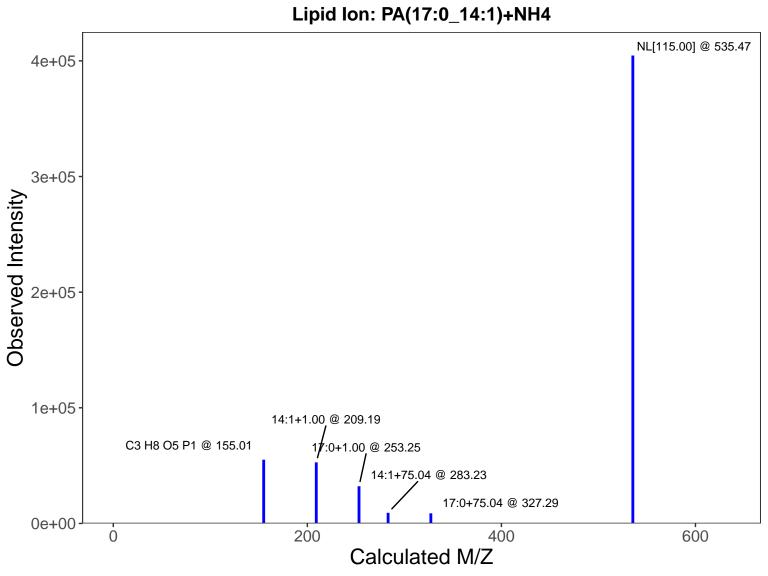
Lipid Ion: PI(17:0\_14:1)+NH4 31:1+75.04 @ 535.47 2.0e+07-1.5e+07-**Observed Intensity** 1.0e+07-5.0e+06 C9 H13 @ 121.1 C10 H15 @ 135.12 C8 H13 @ 109.1 C9 H15 @ 1/23.12 C11 H17 @ 149.13 17:0+75.04 @ 327.29 C7 H13 @ 97.1 H17 @ 137.13 14:1+7**5**.04 @ 283.23 31:1+75.04\_13C2 @ 537.48 Á15\_13C1 @ 136.12 C9 H17 @ 125. 31:1+75.04\_13C1 @ 536.48 0.0e+00600 0 200 400 Calculated M/Z



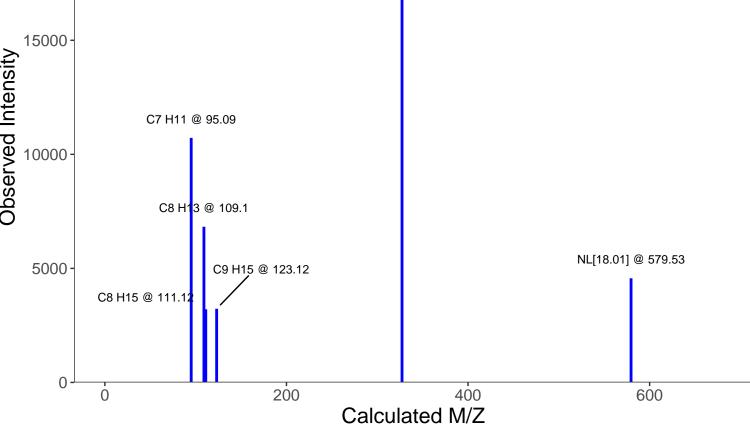




Lipid Ion: PG(15:0\_18:1)+NH4+D7:(s) 33:1+D7:(s)+75.04 @ 570.55 1500000 -**Observed Intensity** 1000000-500000-33:1+D7:(s)+75.04\_13C2 @ 572.55 C8 H13 @ 109.1 C10 H15 @ 135.12 18:1+D7:(s)+75.04 @ 346.33 ᠺ 9 H13 🗭 121.1 33:1+D7:(s)+75.0<mark>4</mark>\_13C1 @ 571.55 15:0+75.04 @ 299.26 0 200 400 0 600 Calculated M/Z

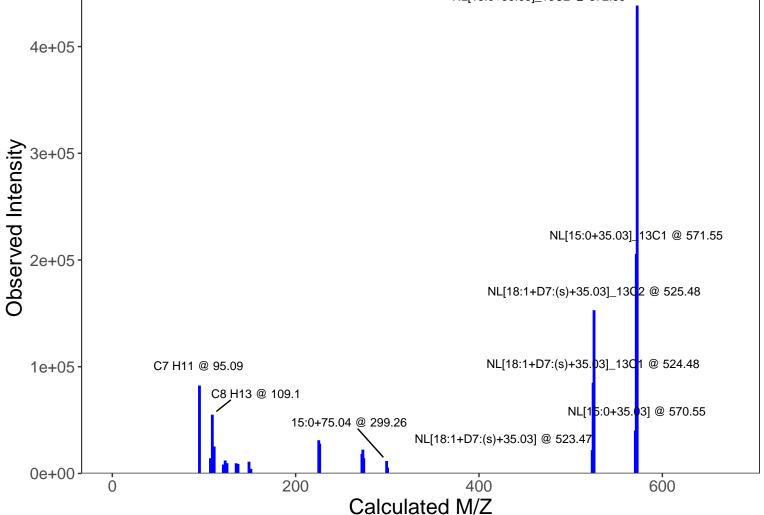


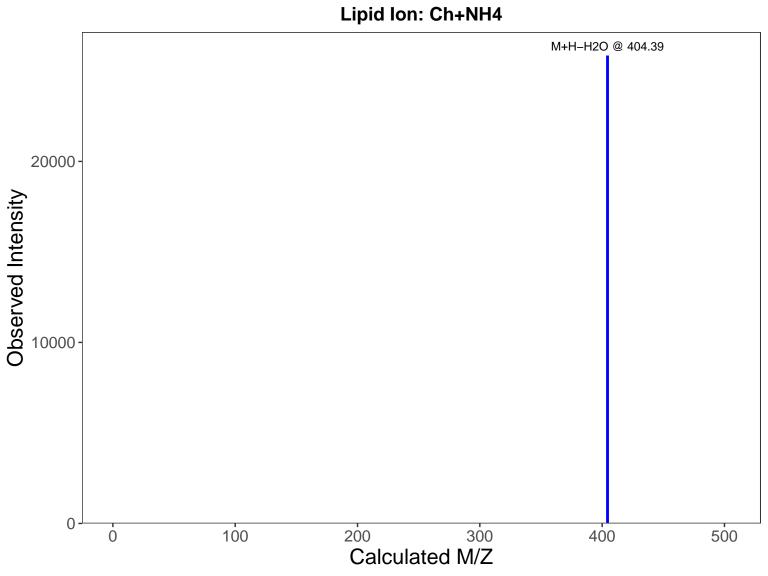
Lipid Ion: DG(17:0\_17:0)+H NL[17:0+18.01] @ 327.29 20000 -15000 -Observed Intensity C7 H11 @ 95.09 10000 -C8 H13 @ 109.1 NL[18.01] @ 579.53 5000-C9 H15 @ 123.12 C8 H15 @ 111.12

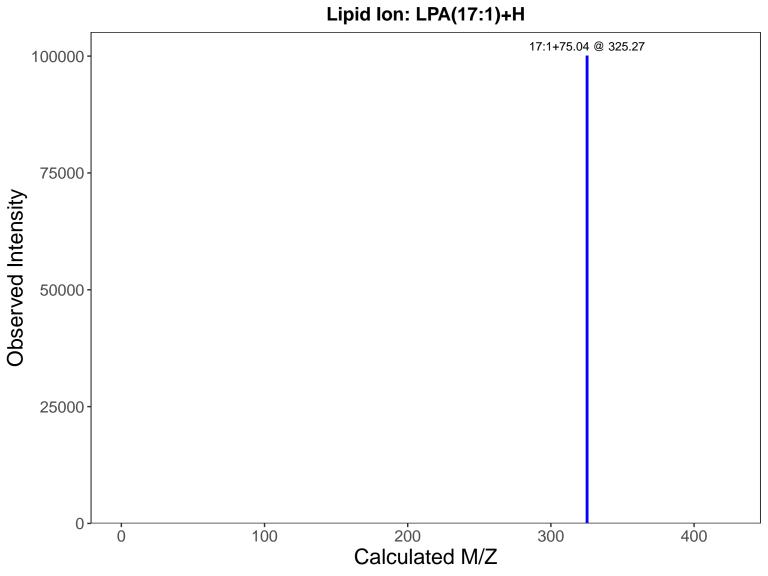


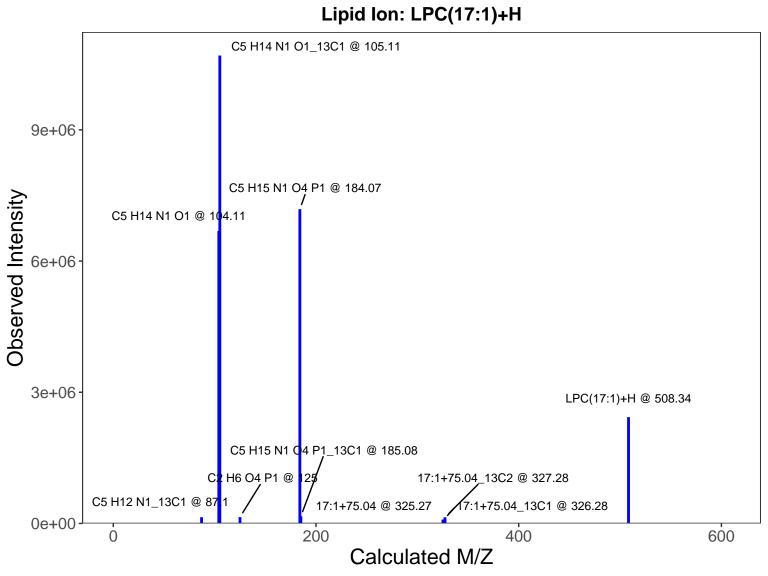
Lipid Ion: TG(15:0\_15:0\_18:1)+NH4+D7:(s)

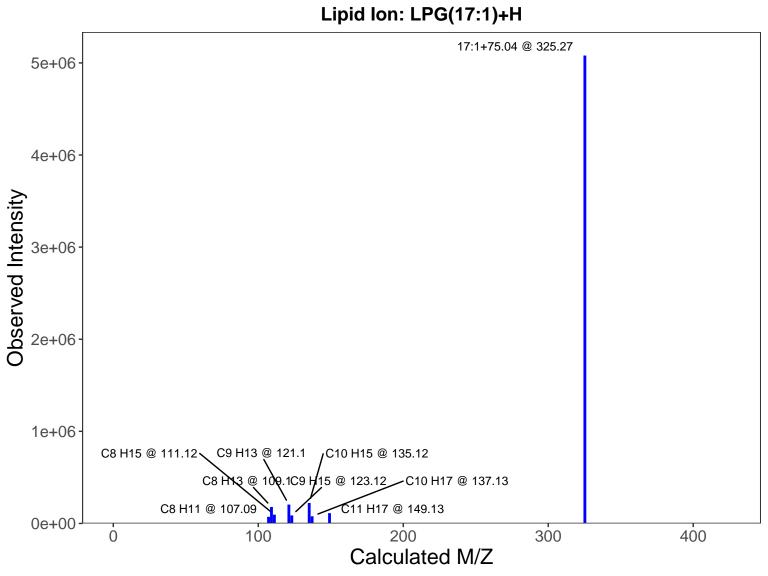
NL[15:0+35.03]\_13C2 @ 572.55

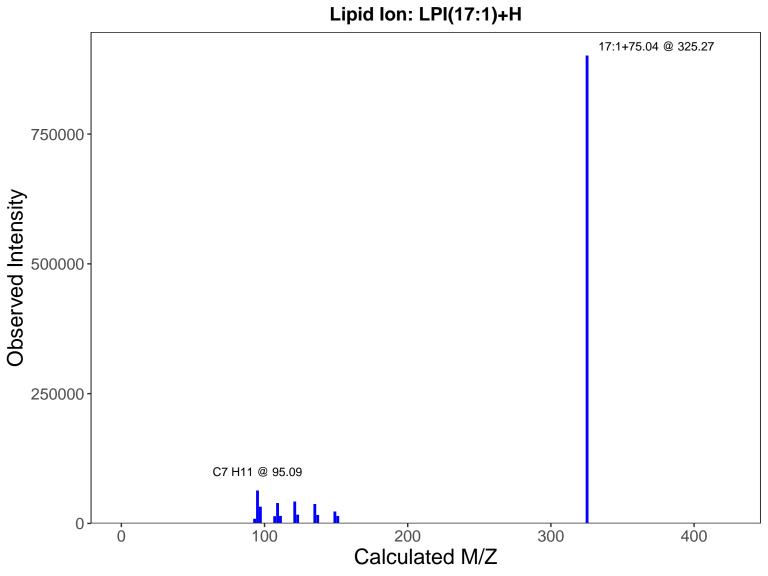






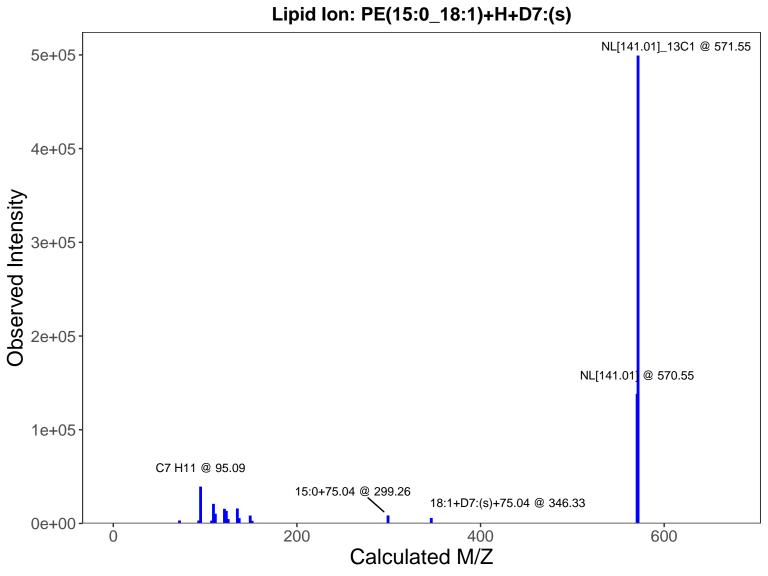


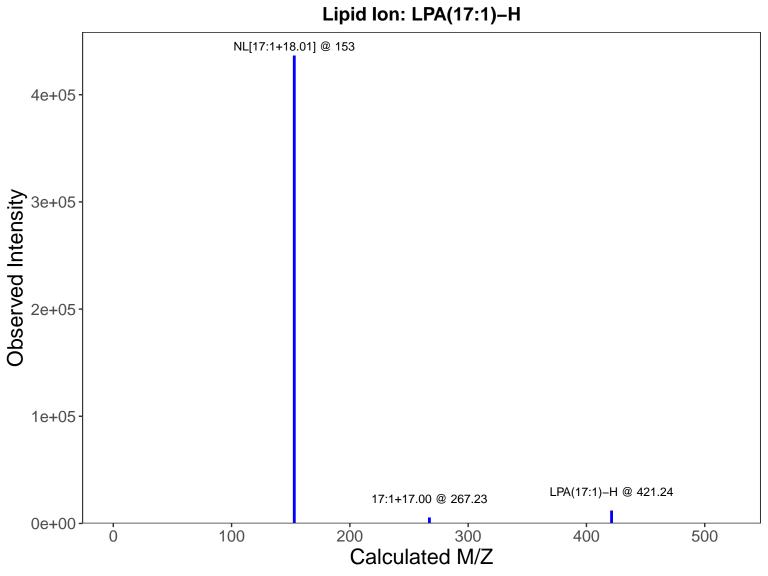


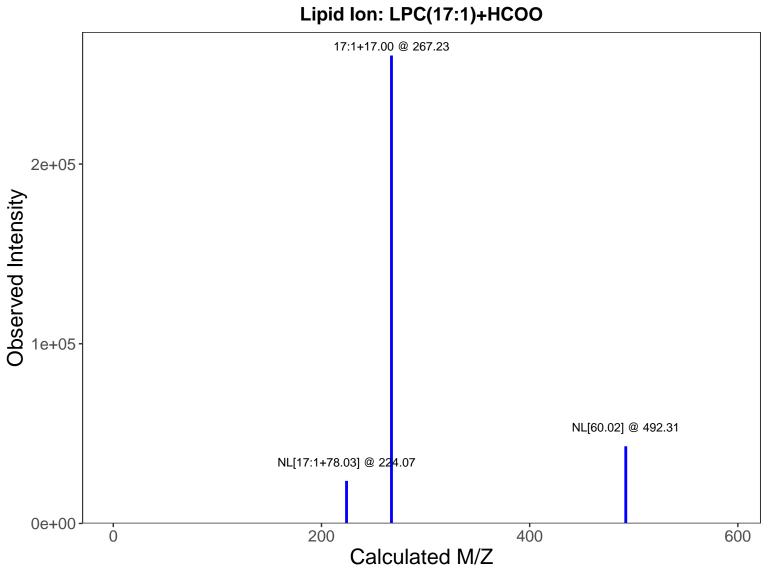


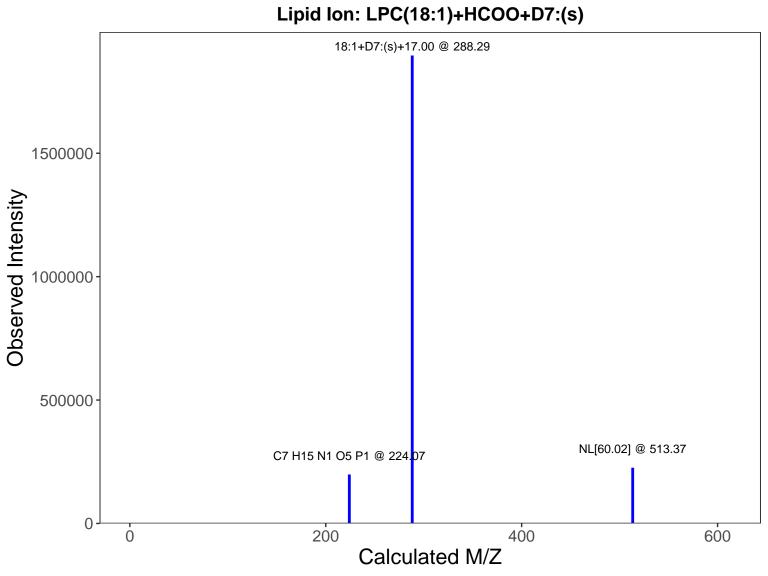
Lipid Ion: LPS(17:1)+H 17:1+75.04 @ 325.27 2000000-1500000-Observed Intensity 1000000 -500000-C7 H11 @ 95.09 17:1+75.04\_13C1 @ 326.28 0 100 200 300 400 0 Calculated M/Z

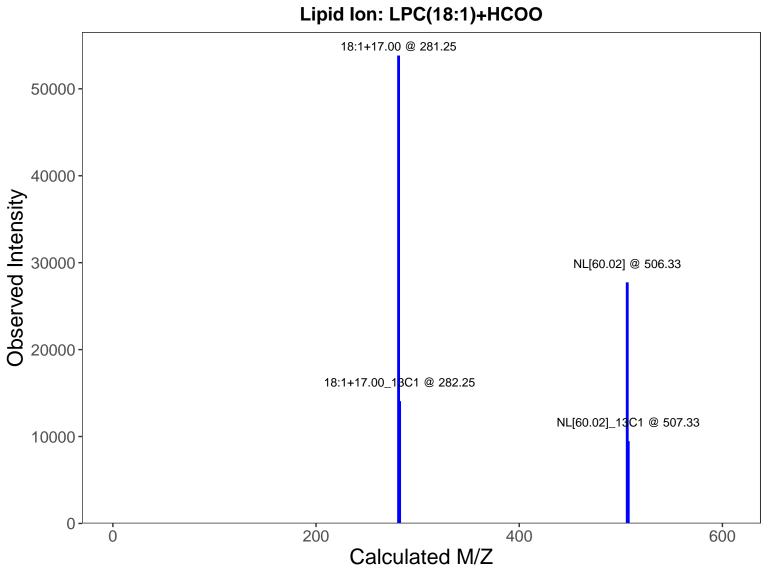
Lipid Ion: PC(31:1)+H C5 H15 N1 O4 P1 @ 184.07 6e+05-Observed Intensity 2e+05-C2 H6 O4 P1 @ 125 PC(31:1)+H @ 718.54 C5 H15 N1 O4 P1\_13C1 @ 185.08 0e+00 600 800 200 400 0 Calculated M/Z

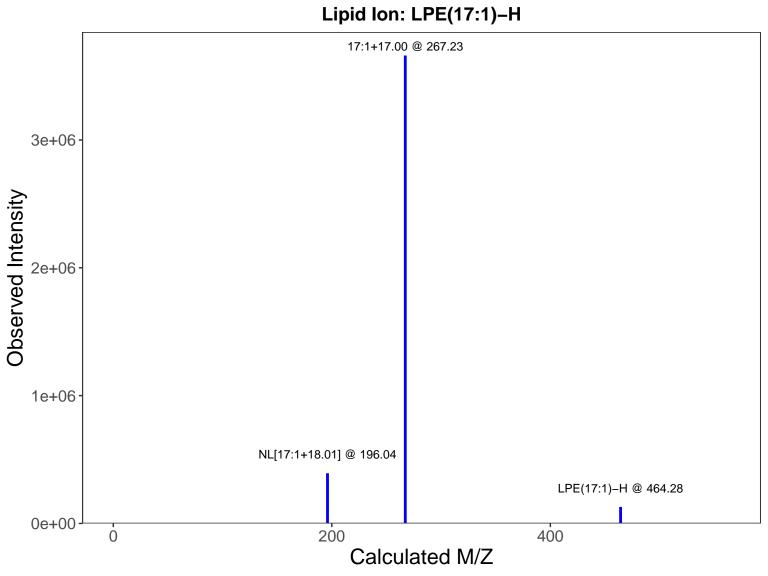


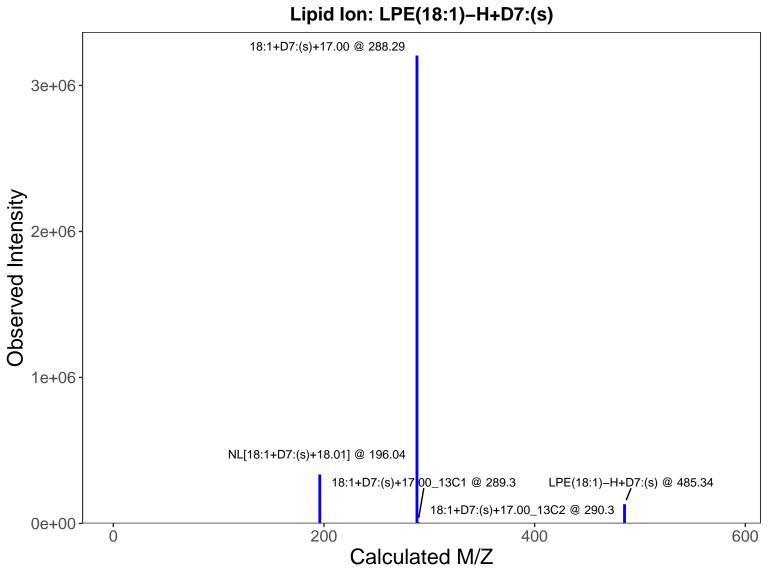


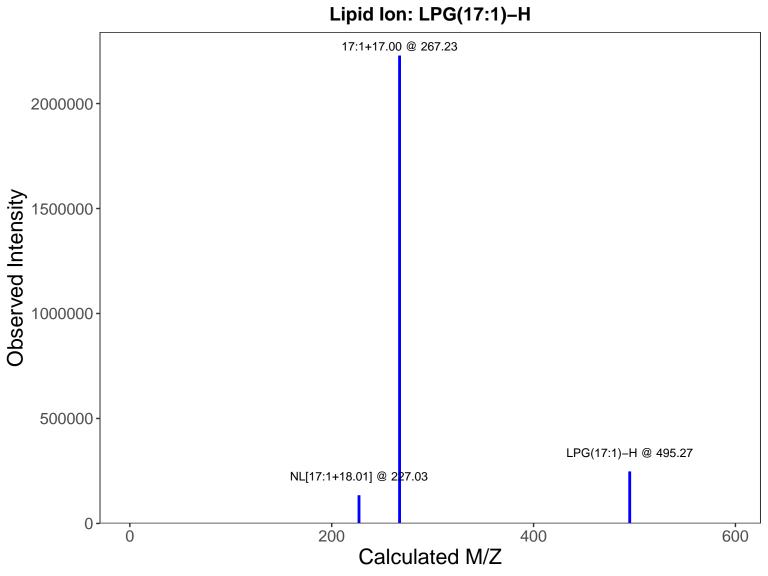


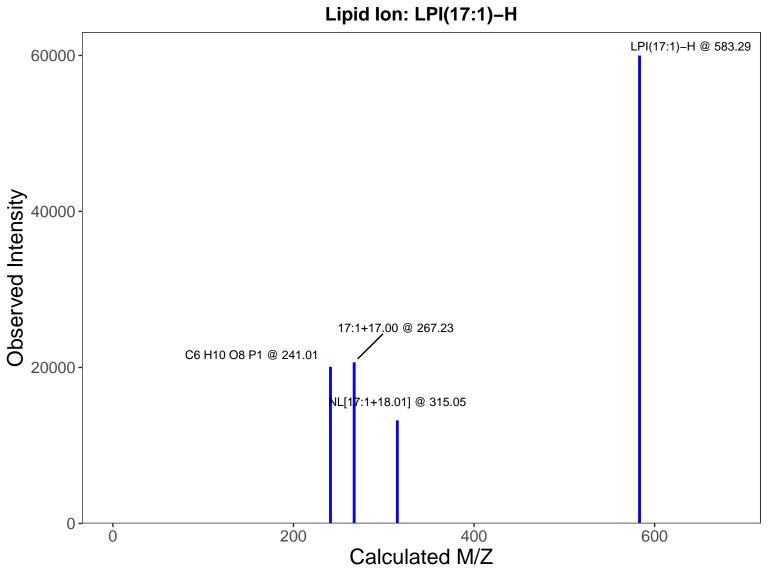


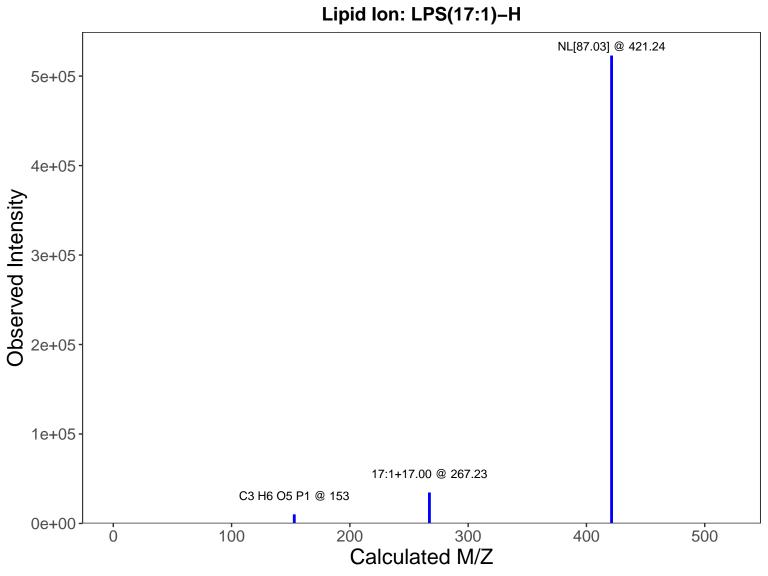


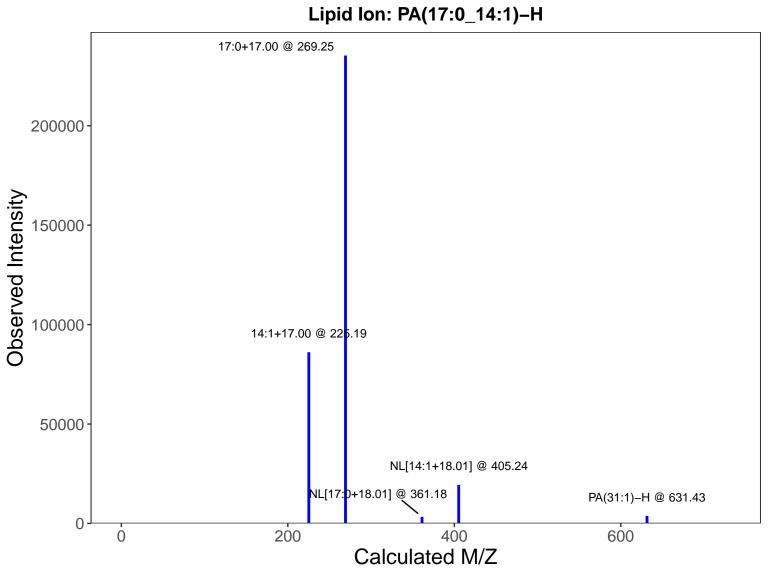


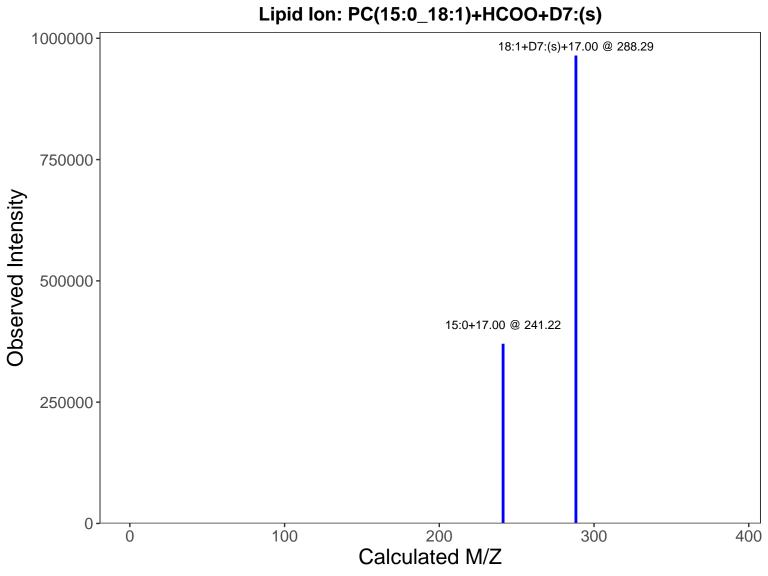


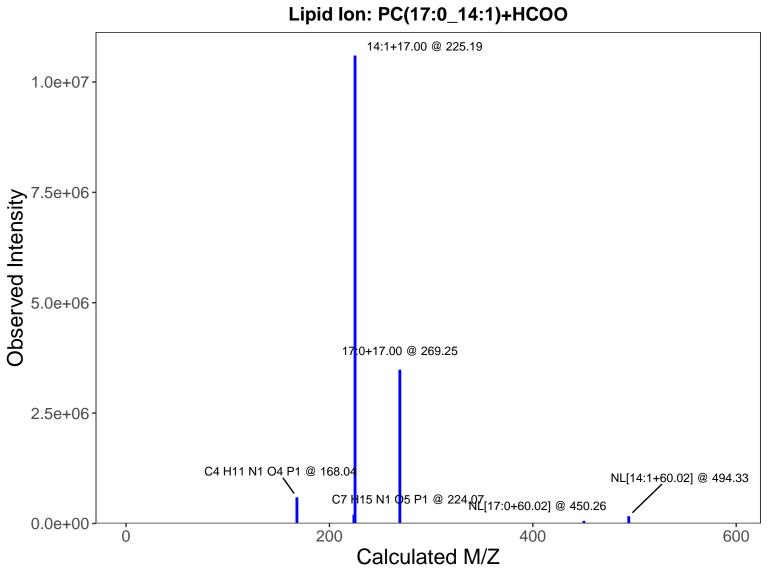


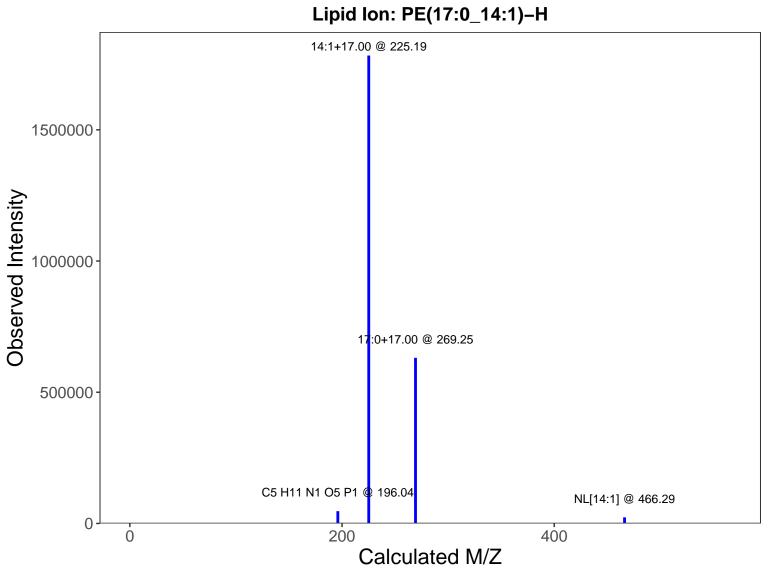


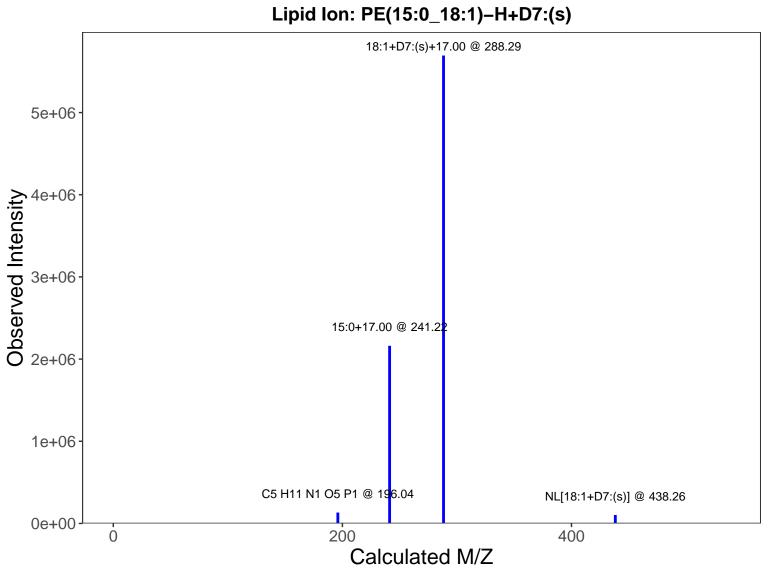


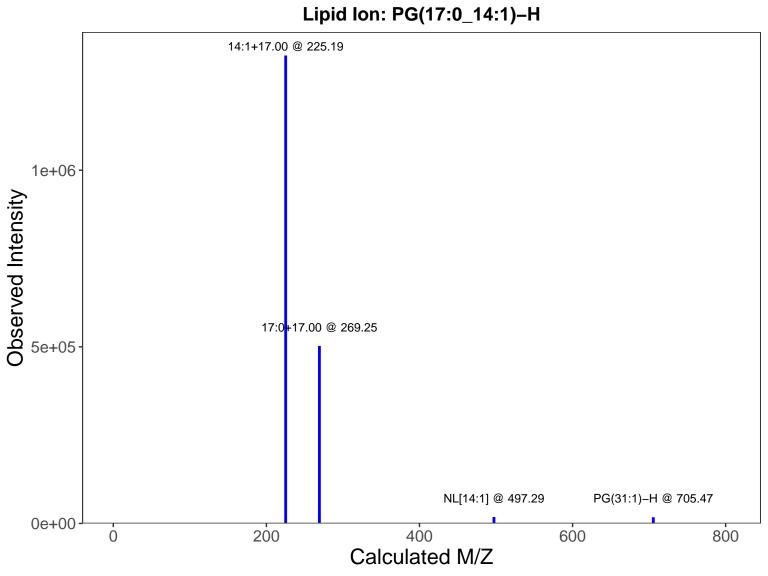


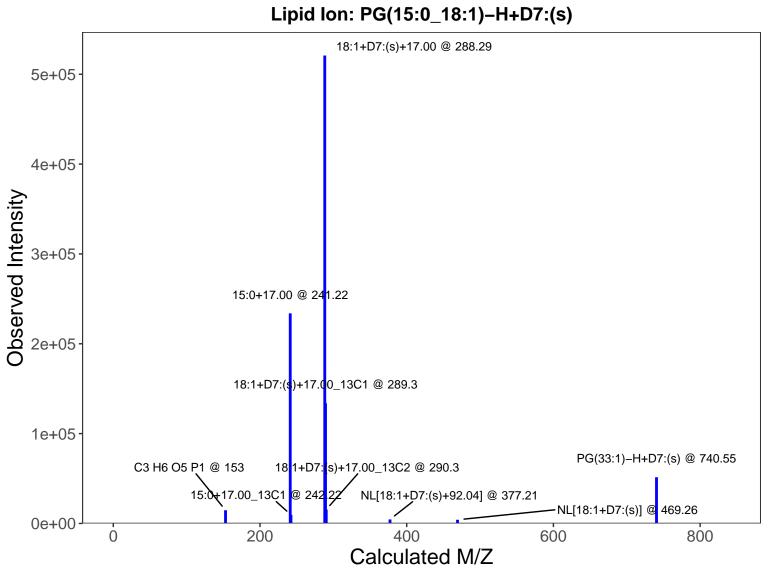




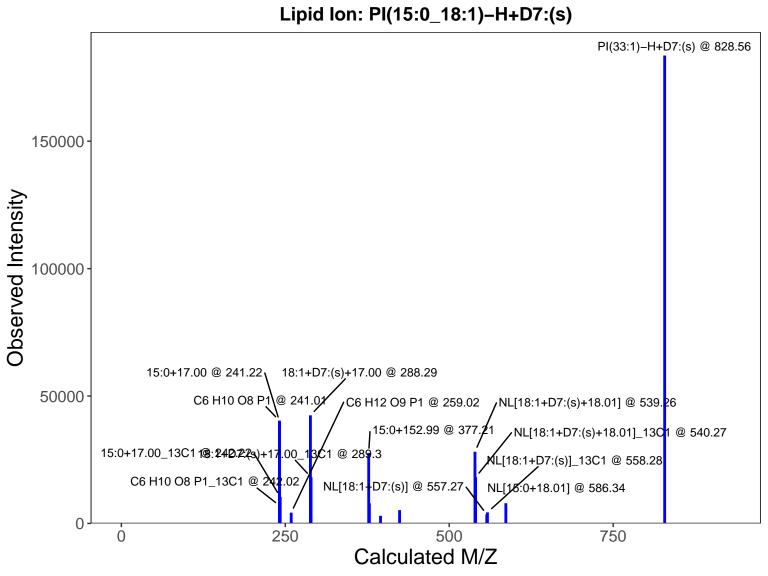


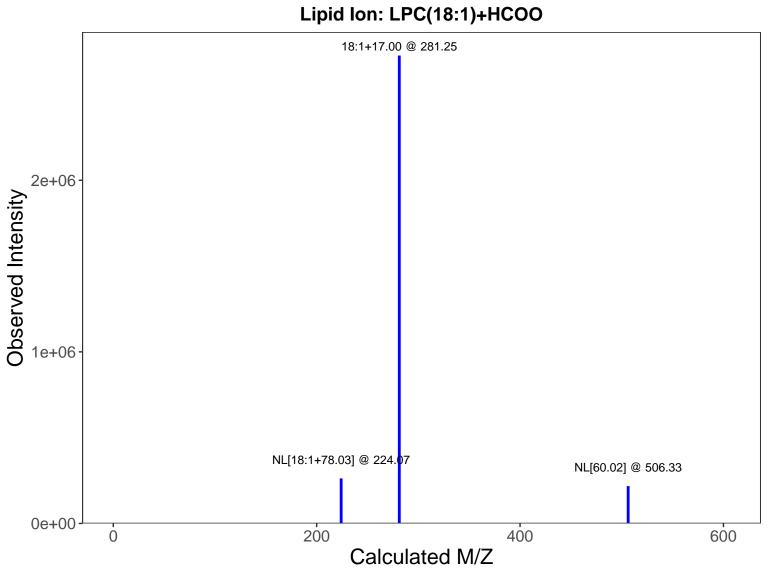






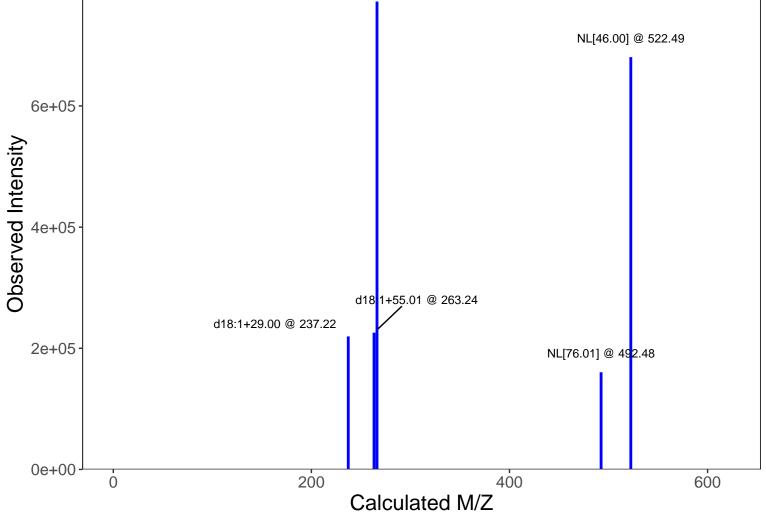
Lipid Ion: PI(17:0\_14:1)-H 17:0+17.00 @ 269.25 750000 -14:1+17.00 @ 225.19 **Observed Intensity** C6 H10 O8 P1 @ 241.01 500000 -250000 17:0+152.99 @ 405.24 C6 H12 O9 P1 @ 259.02 NL[14:1+18.01] @ 567.3 14:1+17.00\_13C1 @ 226.19\17\0+17\00\_13C2 @ 271.26 PI(31:1)-H @ 793.49 7:0+152.99\_13C1 @ **/**406.24 C6 H10 O8 P1\_13C1 @729210200 13C1 @ 270.25 17:0+152.98 13C2 @ 407.25 NL[14:1] @ 585.3 14:1+17.00\_13C2 @ 227.19 250 500 750 Calculated M/Z

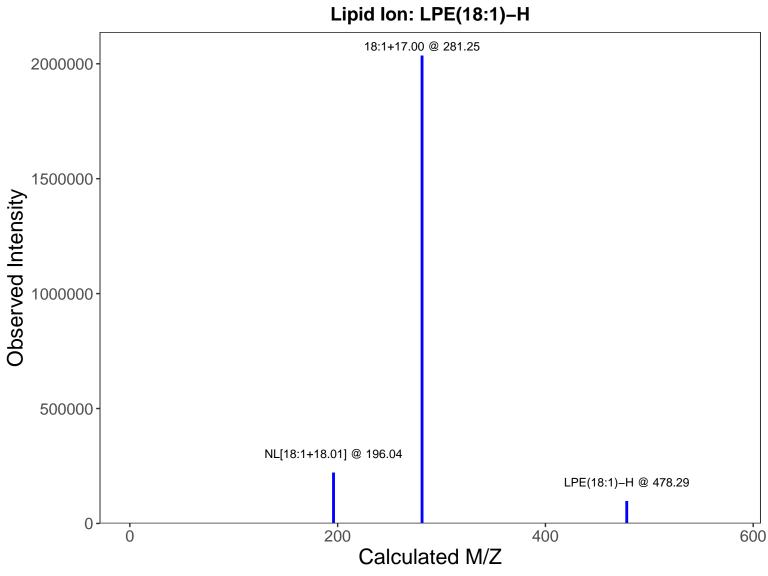


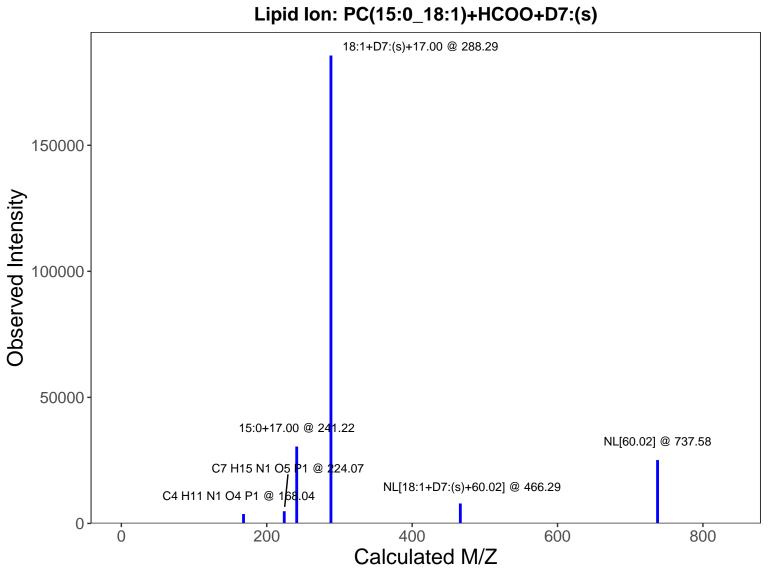


Lipid Ion: PS(15:0\_18:1)-H+D7:(s) 15:0+17.00 @ 241.22 NL[18:1+D7:(s)+105.04] @ 377.21 7500-Observed Intensity C3 H6 O5 P1 @ 153 NL[87.03] @ 666.51 18:1+D7:(s)+17.00 @ 288.29 NL[18:1+D7:(s)+87.03] @ 395.22 2500 200 400 600 800 Calculated M/Z

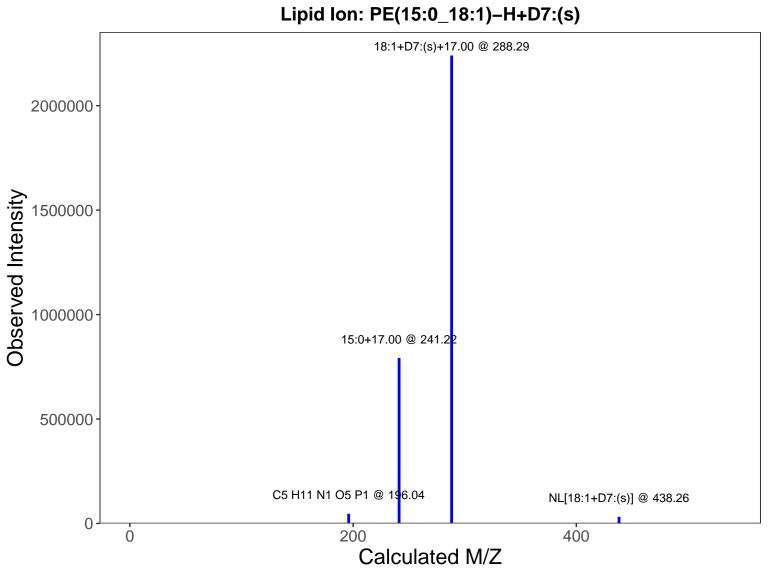
8e+05-15:0+42.03 @ 266.25

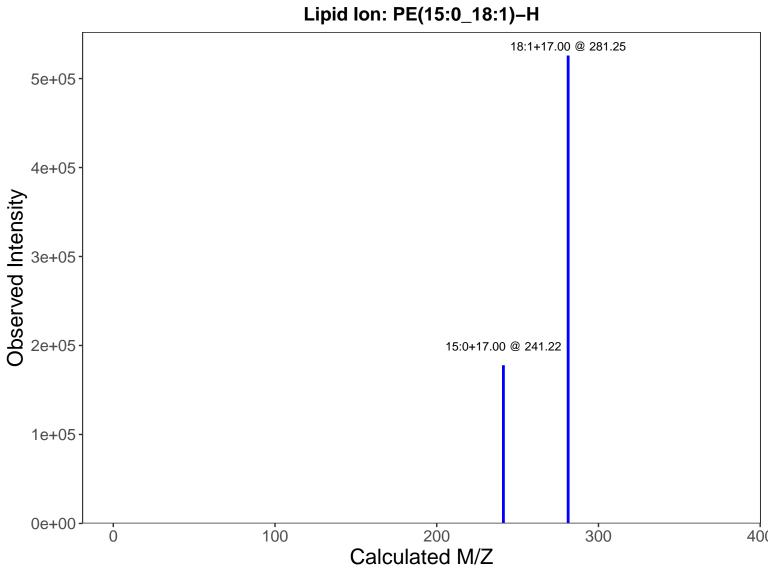






Lipid Ion: PC(15:0\_18:1)+HCOO 18:1+17.00 @ 281.25 150000-Observed Intensity 100000 -15:0+17.00 @ 241.22 50000-NL[60.02] @ 730.54 C7 H15 N1 Q5 P1 @ 224.07 NL[18:1+60.02] @ 466.3 C4 H11 N1 O4 P1 @ 168.04 0 200 400 600 800 0 Calculated M/Z



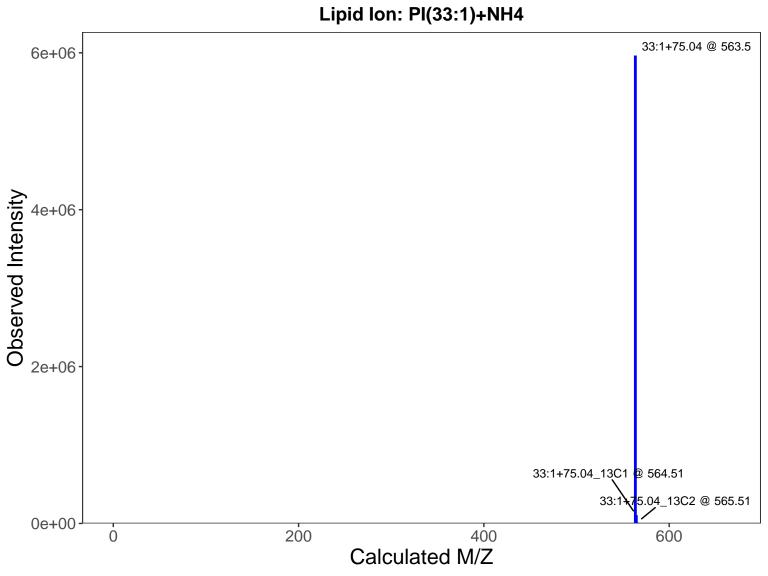


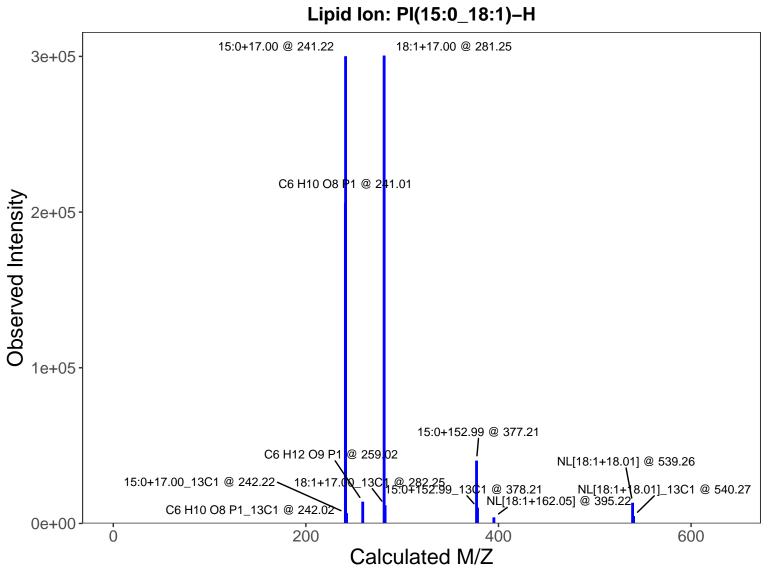
Lipid Ion: DGDG(18:2\_18:4)+HCOO 12500 -18:4+19.01 @ 277.22 C15 H25 O12 @ 397.13 10000-Observed Intensity 7500 -5000-2500-0 100 200 300 400 500 0 Calculated M/Z

**Lipid Ion: ChE(18:1)+NH4+D7:(s)** NL[18:1+D7:(s)+35.03] @ 369.35 100000 -75000 Observed Intensity 50000 -C11 H15 @ 147.12 C10 H15 @ 135.12 C12 H17 @ 161.13 C9 H13 @ 121.1 C6 H11 @ 83.09 C8 H13 @ 109.1 C13 H19 @ 175.15 C18 H27 @ 243.21 25000-رH13 @ 97 C7 N11 @ 95.09 C11 H17 @ 149.43 C6 H9 @ 81 C9 H15 @ 123.12 C21 H35 @ 287.27 C7 H9 @ 93.07 0 200 0 100 300 400 Calculated M/Z

Lipid Ion: PE(17:0\_14:1)+H 2500000-C7 H11 @ 95.09 31:1+75.04 @ 535.47 C8 H13 @ 109.1 2000000-C7 H13 @ 97.1 **Observed Intensity** C6 H9 @ 81.0° C9 H13 @ 121.1 500000 -C6 H11 @ 83.09 C6 H13 @ 85.1 C10 H15 @ 135.12 C9 H15 @ 1000000 -C8 H15 @ 1 C7 H9 ,C10 H17 @ 137.13 500000 **@ 007/**097 @ 149.13 17:0+75.04 @ 327.29 14:1+75.04 @ 283.23 17:0+75.04\_13C1 @ 328.29 31:1+75.04\_13C1 @ 536.47 0 200 0 400 600

Calculated M/Z





Lipid Ion: DGDG(18:3\_18:3)+NH4 36:6+93.05 @ 613.48 6e+05-Observed Intensity 4e+05 -18:3+75.04 @ 335.26 2e+05-DGDG(36:6)+NH4 @ 954.61 36:6+93.05\_13C1 @ 614.48 36:6+75.04 @ 595.47 36:6+93.05\_13C2 @ 615.49 18:3+75.04\_13C1 @ 336.26 36:6+75.04\_13C1 @ 596. 0e+00 250 500 750 1000 Calculated M/Z

