

Additional file 3.

Target Lipid	Ion mode	MS/MS	CID energy
PC	+ ve	PI 184.1 <i>m/z</i>	40
PG	- ve	PI fatty acids	40-55
SM	+ ve	PI 184.1 <i>m/z</i>	40
Cer	+ ve	PI 264.4 <i>m/z</i>	35
PE	+ ve	NL 141	30
PS	+ ve	NL 185	25
CE	+ ve	PI 369.4 <i>m/z</i>	25
Free Chol	+ ve	PI 369.4 <i>m/z</i>	15
TAG			
14:0	+ ve	NL 245.2	35
16:1	+ ve	NL 271.3	35
16:0	+ ve	NL 273.3	35
18:2	+ ve	NL 297.3	35
18:1	+ ve	NL 299.3	35
18:0	+ ve	NL 301.3	35
20:4	+ ve	NL 321.3	35
22:6	+ ve	NL 345.3	35
DAG			
16:1	+ ve	PI 311.3 <i>m/z</i>	32
16:0	+ ve	PI 313.3 <i>m/z</i>	32
17:0	+ ve	PI 327.3 <i>m/z</i>	32
18:2	+ ve	PI 337.3 <i>m/z</i>	32
18:1	+ ve	PI 339.3 <i>m/z</i>	32
18:0	+ ve	PI 341.3 <i>m/z</i>	32