

Supplementary Table 2. Optimized ion source conditions and analytical parameters.

Method	Gas temperature (°C)	Gas flow (l/min)	Nebulizer (psi)	Sheath gas temperature (°C)	Sheath gas flow (l/min)	Capillary voltage (V)	Nozzle voltage (V)	Positive high pressure RF	Positive low pressure RF	Negative high pressure RF	Negative low pressure RF
A	290	14	20	300	11	3000	1500	170	90	150	60
B	290	14	20	350	11	4000	1500	200	110	150	60