

Table S2 AutoMS/MS settings for XIC/Label-Free and iTRAQ

Parameter	XIC/Label-Free	iTRAQ
Cycle time	3 s	4 s
MS spectra rate	2 Hz	1 Hz
MS/MS spectra rate	1Hz at 2,500 cts 10 Hz at 250,000 cts	2 Hz at 10,00 cts 20 Hz at 1,000,000 cts
Quadrupole low mass	300 <i>m/z</i>	100 <i>m/z</i>
Collision RF	1,400 Vpp	350-1,500 Vpp (70:30)
Transfer time	120 ms	40-120 ms (70:30)
Collision energy	100	150-100 (70:30)