

Additional file 11: Parameters for microTOF control in full scan MS mode

Mode	Scan Mode	MS	Ion Polarity	Positive
	Mass Range	50-1000 m/z	Rolling Average	off
	Spectra Acquisition	Save Spectra	Absolute Threshold	10
	Include Profile Spectra	Always	Peak Summation Width	5 pts
	Focus	Inactive	Acquisition Rate	1.0 Hz
Source	Endplate Offset	-500 V	Dry Gas	8.0 L min ⁻¹
	Capillary	-2500 V	Dry Temp	180 °C
	Nebulizer	3.0 bar		
Transfer	Funnel 1 RF	180.0 Vpp	ISCID Energy	0.0 eV
	Funnel 2 RF	200.0 Vpp	Hexapole RF	100.0 Vpp
Quadrupole	Ion Energy	5.0 eV	Low Mass	100.00 m/z
Collision Cell	Collision Energy	10.0 eV	Collision RF	150.0 Vpp
	Transfer Time	70.0 μs	Pre Puls Storage	7.0 μs