

# Auto CAL/RES Results Report

Date Performed: 03/30/2015 14:58:13  
Last Performed: 03/30/2015 14:58:13

For Q1 Positive Mode

## System Information

Instrument Model: IONICS 3Q 320  
Instrument Serial Number: A0009201106  
Manufacturer: IONICS MASS SPECTROMETRY  
Scan Mode: Q1, Positive  
Resolution: Unit\_Unit  
Source: ESI 2  
Method: Q1 PPG POS Default.xml

Compound	
Multipole 1 RF	450.0
Entrance Voltage	65.0
Not Used 1	0.0
Multipole 1	0.0
Multipole Lens 1	0.0
Multipole 2	0.0
Multipole Lens 2	0.0
Prefilter	-14.0
Collision Cell Lens 1	0.0
Collision Cell Lens 2	-360.0
Collision Energy	-50.0
Axial Field	0.0
Collision Cell Lens 3	-51.0
Collision Cell Lens 4	-60.0
Collision Pressure	0.0

Source	
Drying Gas	80.0
Nebulizer Gas 1	0.0
Heating Gas 1	0.0
Nebulizer Gas 2	80.0
Heating Gas 2	0.0
Source Exhaust	0.0
HSID Temperature	320.0
Source 1 Temp	0.0
Source 2 Temp	0.0
ElectroSpray V1	0.0
ElectroSpray V2	5850.0
Curtain Cap	1000.0

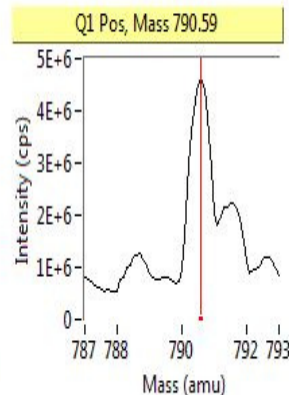
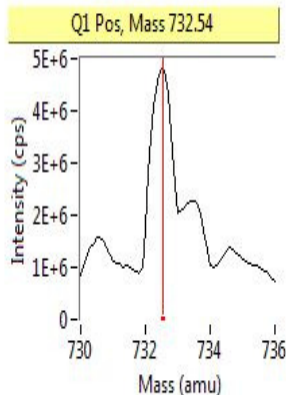
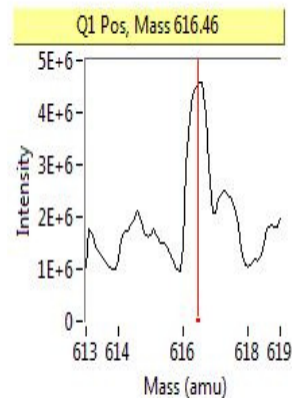
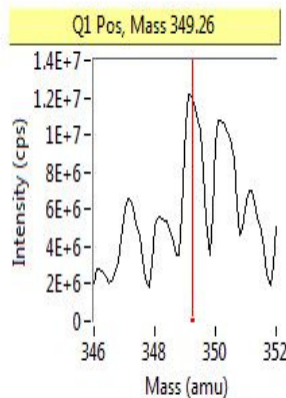
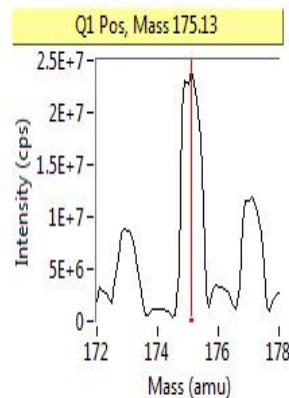
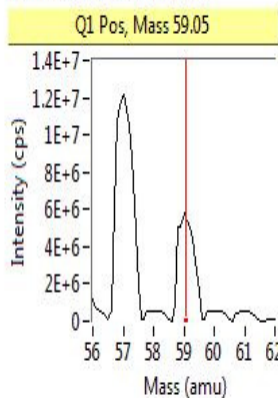
Resolution	
Quadrupole 1	-1.0
Quadrupole 2	-53.0

Detector	
Detector Deflector	-100.0
Discriminator	12.0
Detector Voltage	2400.0
Detector Horn	5500.0

## Search Parameters

Peak Width At (%): 50  
Search Range (amu): +/- 0.8  
Threshold (cps): 1000

Number of Scans (Sum): 10



## Current Results

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Reference Mass (amu)	Mass Found (amu)	Mass Shift (amu)	Peak Width	Peak Height (cps)	Calibration DAC	Calibration Slope (DAC/amu)	Resolution DAC	Resolution Slope (DAC/amu)	Status
59.05	59.12	0.07	0.66	578980.00	17075.40	288.33	32260.00	7.64	Found
175.13	175.07	-0.06	0.68	2398820.00	50544.33	288.33	33146.78	7.64	Found
349.26	349.24	-0.02	0.68	1211900.00	100735.02	288.24	34269.75	6.45	Found
616.46	616.48	0.02	0.69	457960.00	177843.79	288.58	36100.00	6.85	Found
732.54	732.52	-0.02	0.70	480560.00	211340.61	288.57	36821.91	6.22	Found
790.59	790.56	-0.03	0.72	462940.00	228084.00	288.43	37151.11	5.67	Found

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For Q2 Positive Mode

## System Information

Instrument Model: IONICS 3Q 320  
Instrument Serial Number: A0009201106  
Manufacturer: IONICS MASS SPECTROMETRY  
Scan Mode: Q2\_Positive  
Resolution: Unit\_Unit  
Source: ESI 2  
Method: Q2 PPG POS Default.xml

Compound	
Multipole 1 RF	450.0
Entrance Voltage	65.0
Not Used 1	0.0
Multipole 1	0.0
Multipole Lens 1	0.0
Multipole 2	0.0
Multipole Lens 2	0.0
Prefilter	-14.0
Collision Cell Lens 1	0.0
Collision Cell Lens 2	-20.0
Collision Energy	-15.0
Axial Field	100.0
Collision Cell Lens 3	-15.5
Collision Cell Lens 4	-35.0
Collision Pressure	400.0

Source	
Drying Gas	80.0
Nebulizer Gas 1	0.0
Heating Gas 1	0.0
Nebulizer Gas 2	80.0
Heating Gas 2	0.0
Source Exhaust	0.0
HSID Temperature	320.0
Source 1 Temp	0.0
Source 2 Temp	0.0
ElectroSpray V1	0.0
ElectroSpray V2	5850.0
Curtain Cap	1000.0

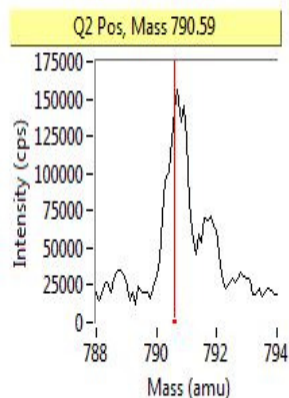
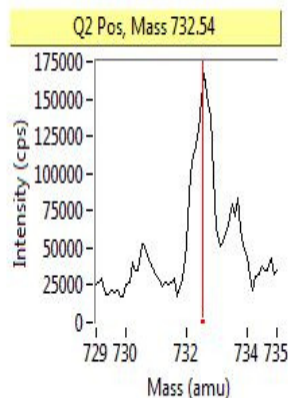
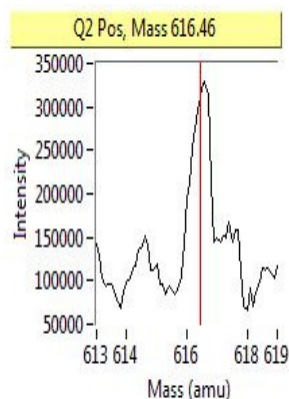
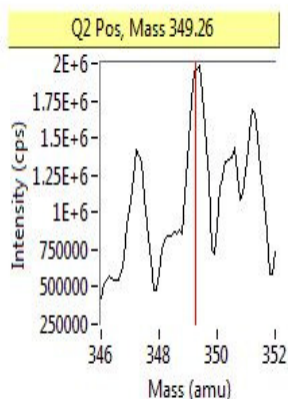
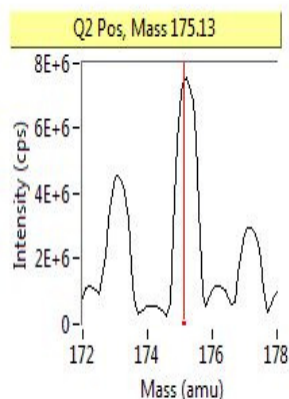
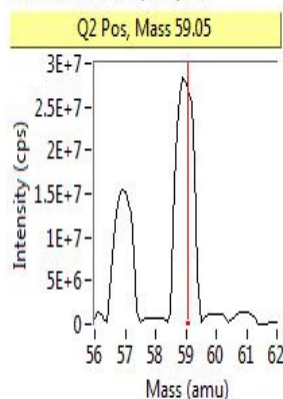
Resolution	
Quadrupole 1	-1.0
Quadrupole 2	-17.0

Detector	
Detector Deflector	-105.0
Discriminator	12.0
Detector Voltage	2400.0
Detector Horn	5500.0

### Search Parameters

Peak Width At (%): 50  
Search Range (amu): +/- 0.8  
Threshold (cps): 1000

Number of Scans (Sum): 10



## Current Results

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