

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050519.D
 Acq On : 8 Oct 2021 21:43
 Operator : CG/JU
 Sample : M4117-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(3-3.5)

Quant Time: Oct 09 01:27:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

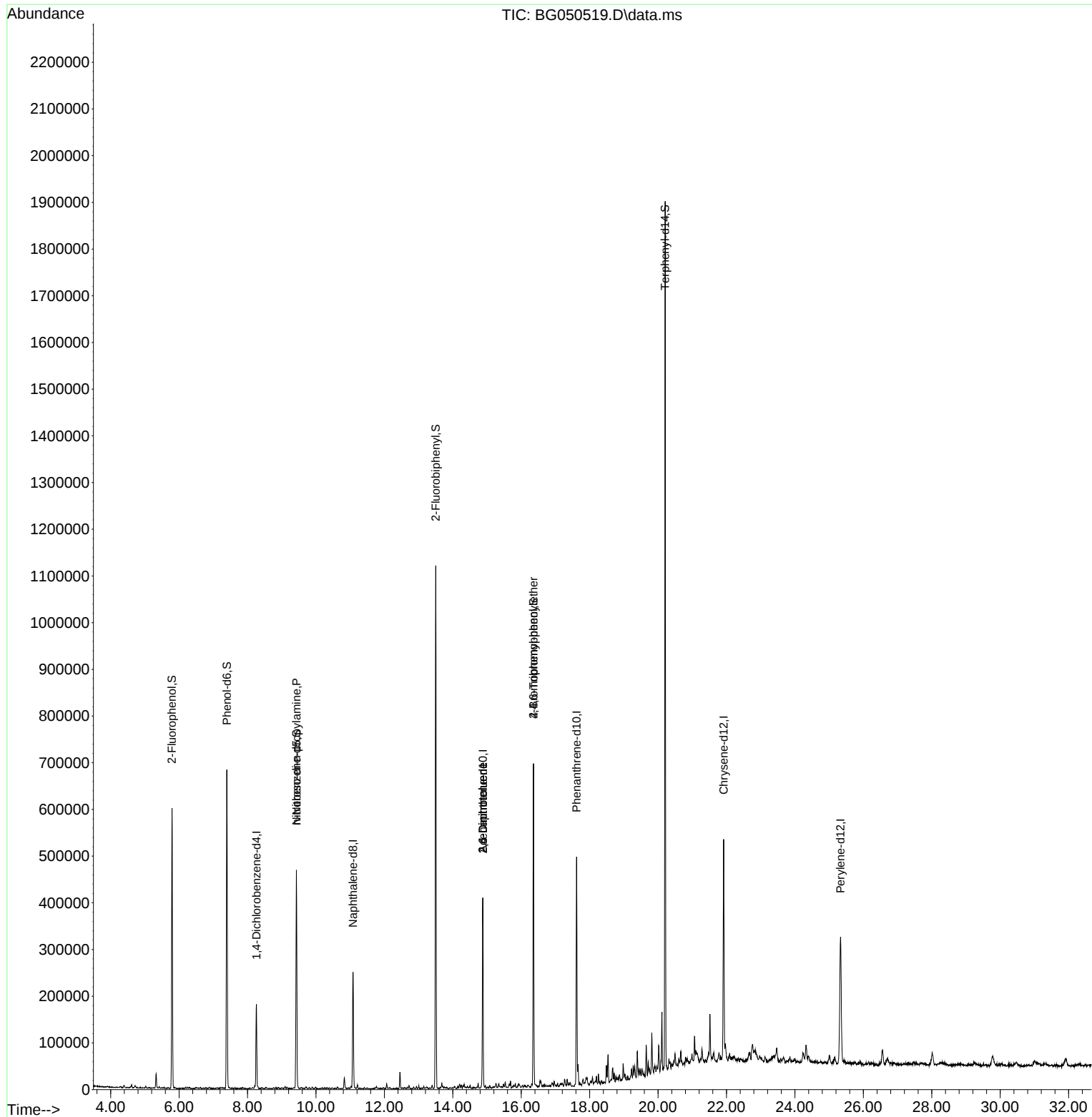
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	47693	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	207432	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	139879	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	305812	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	268994	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	267752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	244528	76.678	ng	0.00
7) Phenol-d6	7.397	99	374439	81.097	ng	0.00
23) Nitrobenzene-d5	9.430	82	299075	59.684	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	93404	70.007	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	545316	58.673	ng	0.00
79) Terphenyl-d14	20.206	244	800265	57.978	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.391	77	1925	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	9.430	70	41931	12.460	ng	# 72
51) 2,6-Dinitrotoluene	14.877	165	18231	8.609	ng	# 13
57) 2,4-Dinitrotoluene	14.877	165	18231	6.108	ng	# 18
67) 4-Bromophenyl-phenylether	16.357	248	7311	2.372	ng	# 1

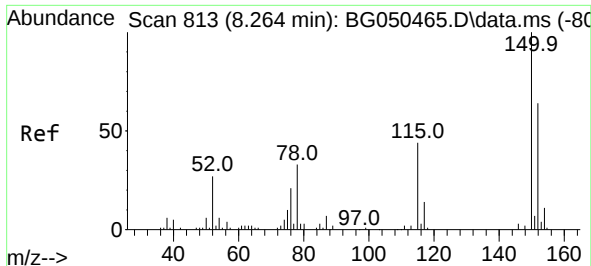
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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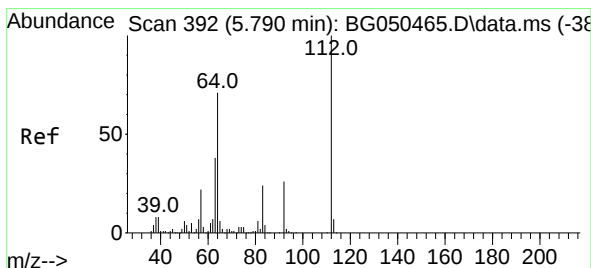
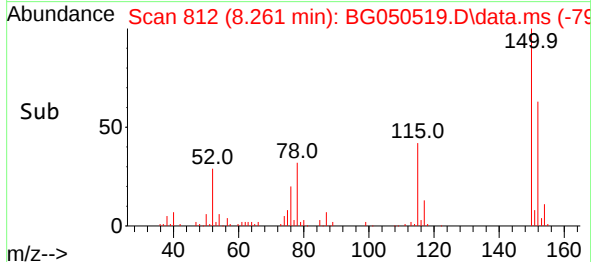
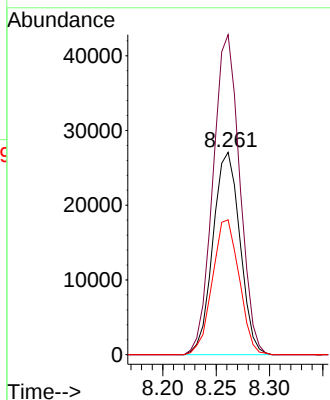
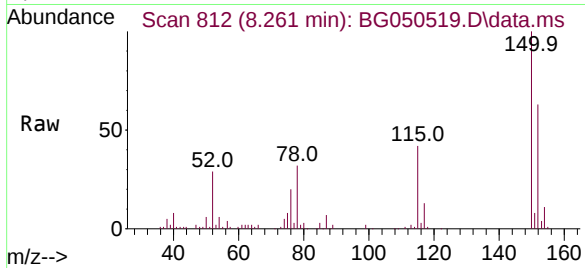




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

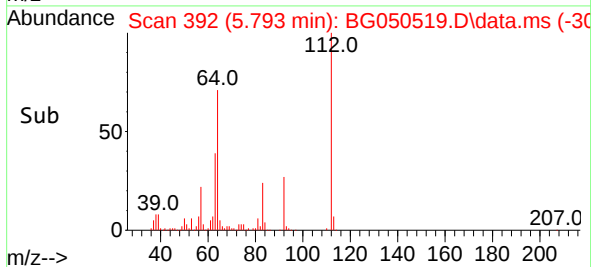
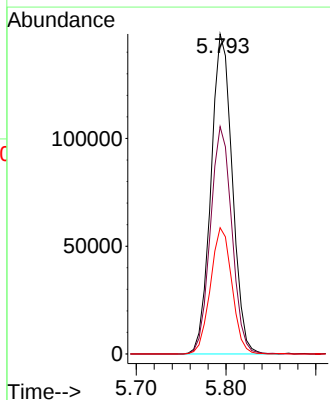
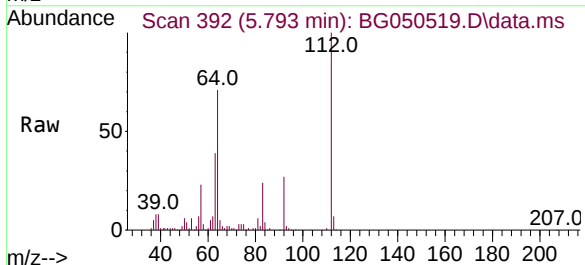
Instrument :
BNA_G
ClientSampleId :
SB-4(3-3.5)

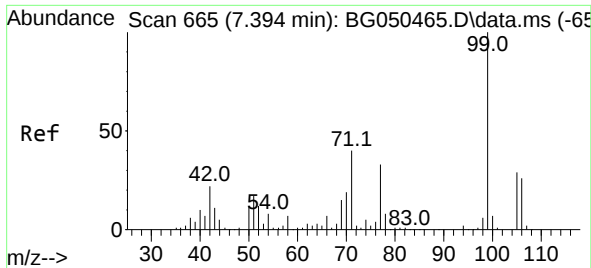
Tgt Ion:152 Resp: 47693
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 66.7 60.2 90.4



#5
2-Fluorophenol
Concen: 76.678 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

Tgt Ion:112 Resp: 244528
Ion Ratio Lower Upper
112 100
64 71.1 46.7 70.1#
63 39.4 35.3 52.9

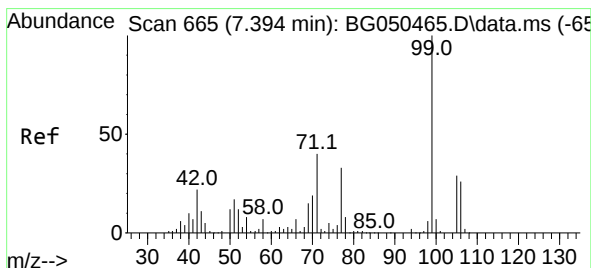
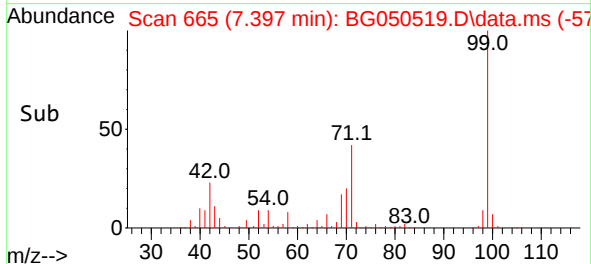
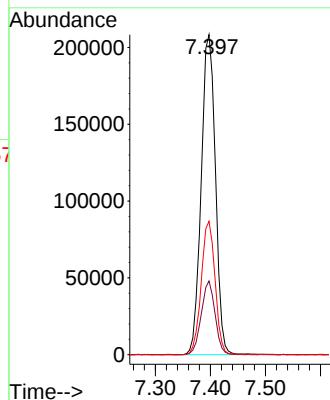
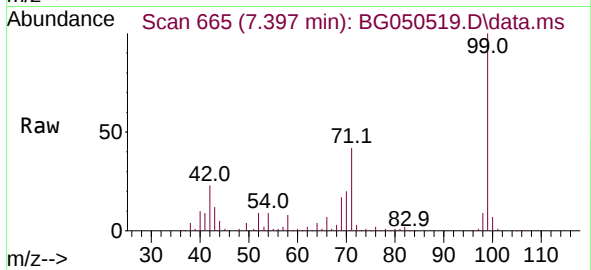




#7
Phenol-d6
Concen: 81.097 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

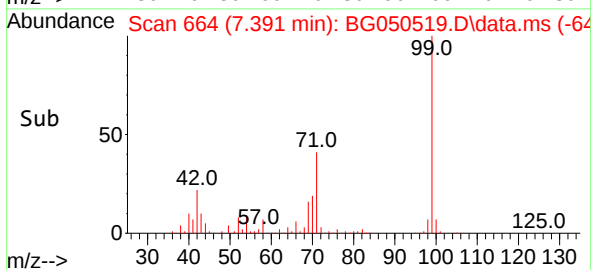
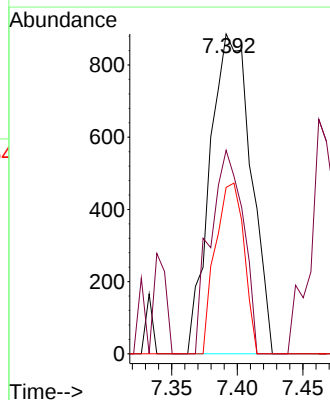
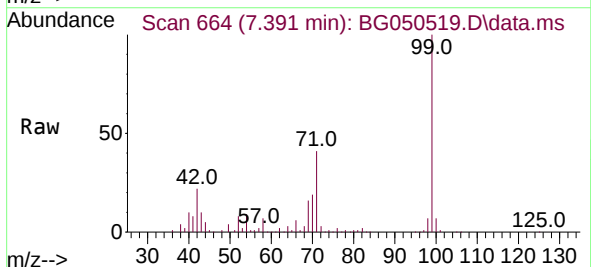
Instrument :
BNA_G
ClientSampleId :
SB-4(3-3.5)

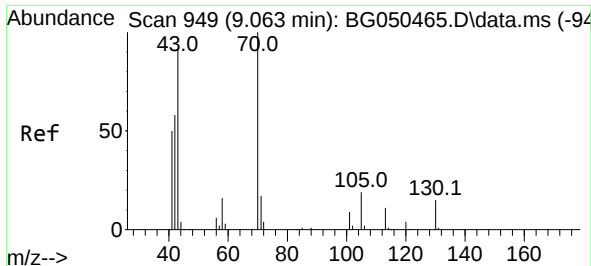
Tgt Ion: 99 Resp: 374439
Ion Ratio Lower Upper
99 100
42 23.1 20.5 30.7
71 41.7 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.391 min Scan# 664
Delta R.T. -0.003 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

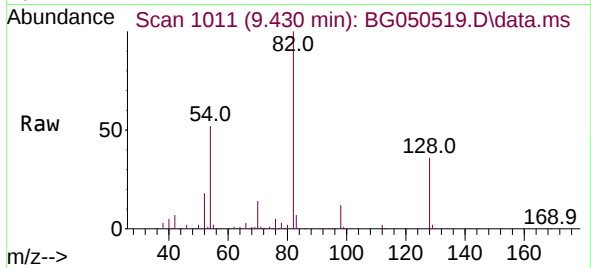
Tgt Ion: 77 Resp: 1925
Ion Ratio Lower Upper
77 100
105 63.7 68.8 108.8#
106 52.0 47.9 87.9



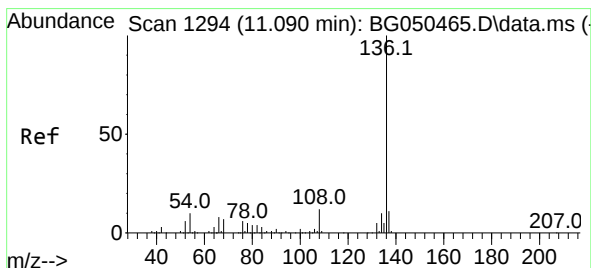
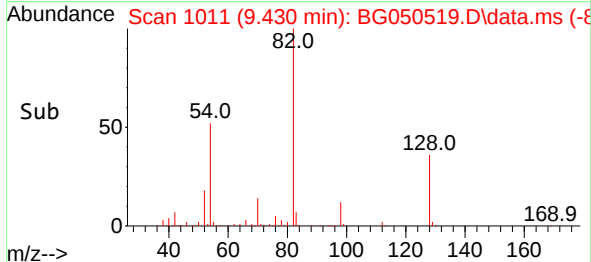
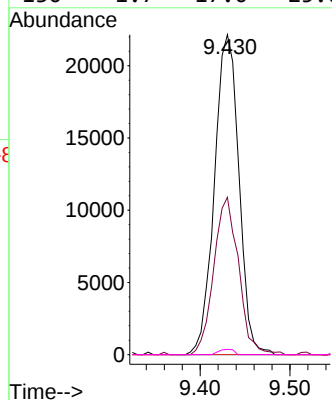


#19
n-Nitroso-di-n-propylamine
Concen: 12.460 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.368 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

Instrument :
BNA_G
ClientSampleId :
SB-4(3-3.5)

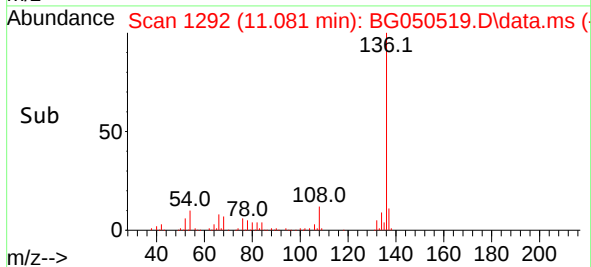
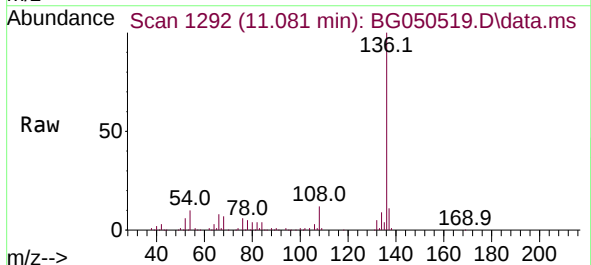
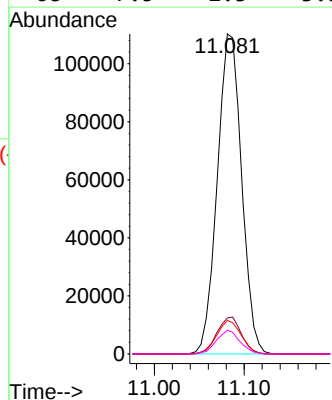


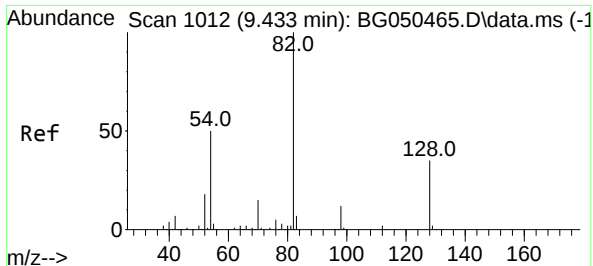
Tgt Ion: 70 Resp: 41931
Ion Ratio Lower Upper
70 100
42 49.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

Tgt Ion: 136 Resp: 207432
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 10.5 5.5 8.3#
68 7.5 2.3 3.5#

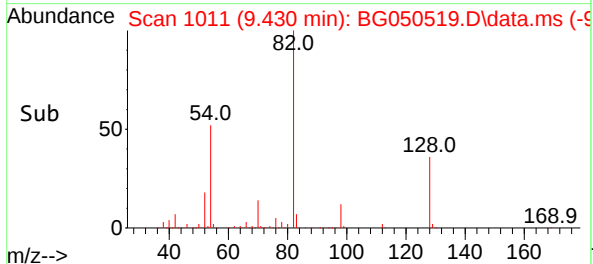
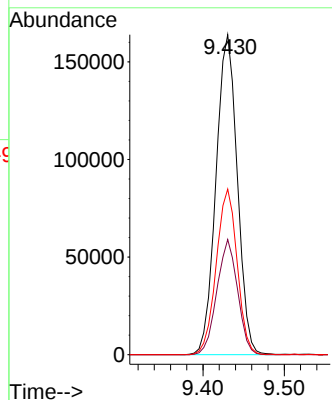
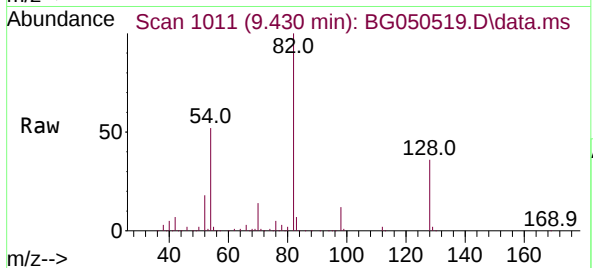




#23
Nitrobenzene-d5
Concen: 59.684 ng
RT: 9.430 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

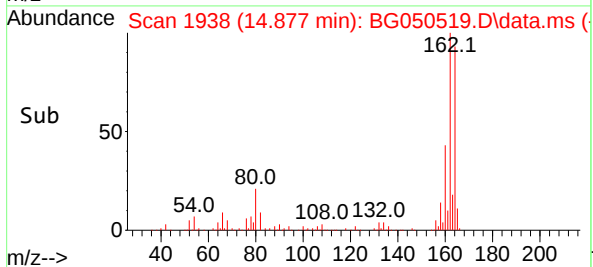
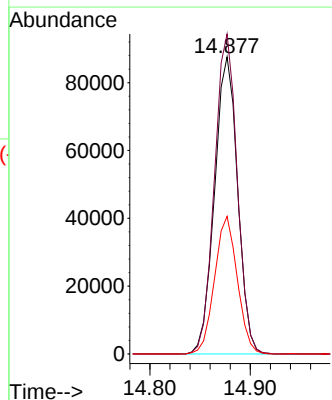
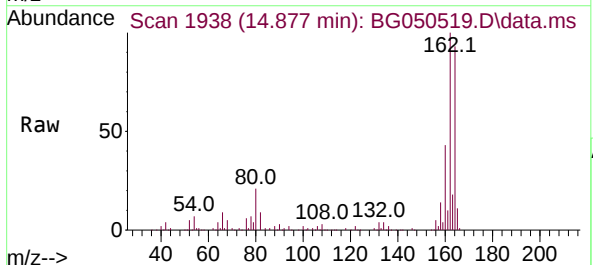
Instrument :
BNA_G
ClientSampleId :
SB-4(3-3.5)

Tgt Ion: 82 Resp: 299075
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 51.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

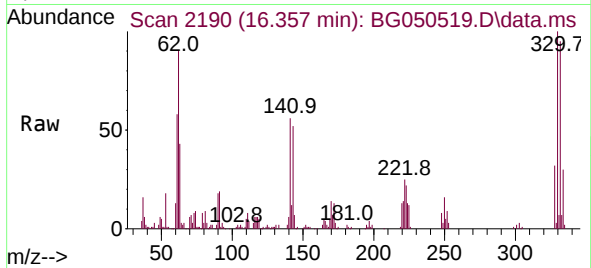
Tgt Ion:164 Resp: 139879
Ion Ratio Lower Upper
164 100
162 107.7 81.4 122.0
160 46.3 34.9 52.3



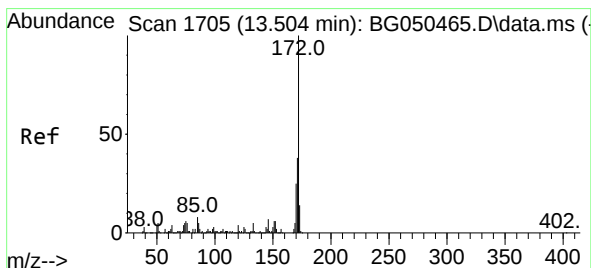
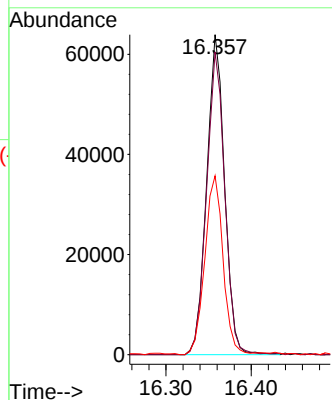
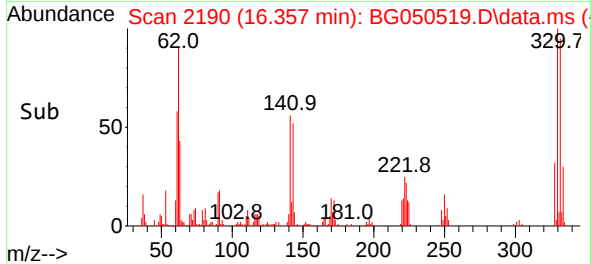


#42
2,4,6-Tribromophenol
Concen: 70.007 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

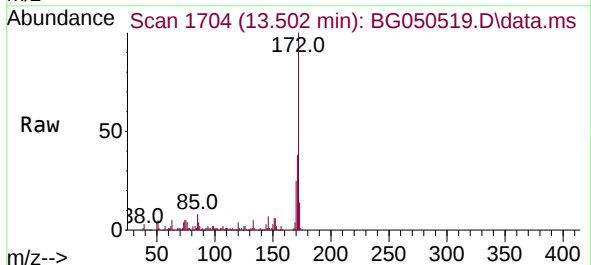
Instrument :
BNA_G
ClientSampleId :
SB-4(3-3.5)



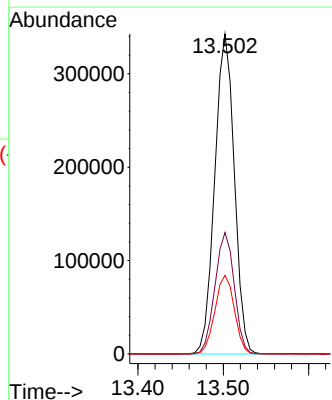
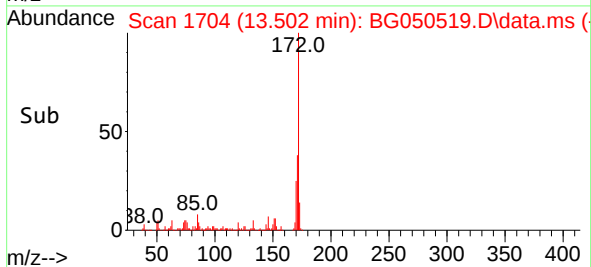
Tgt Ion:330 Resp: 93404
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 56.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 58.673 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43



Tgt Ion:172 Resp: 545316
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 24.6 18.6 27.8

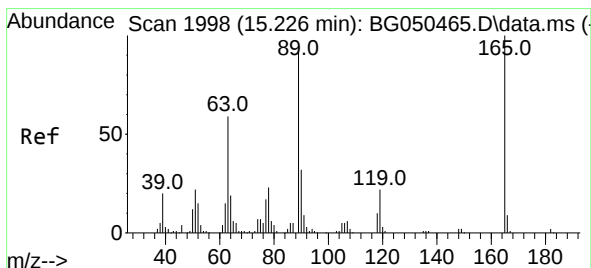
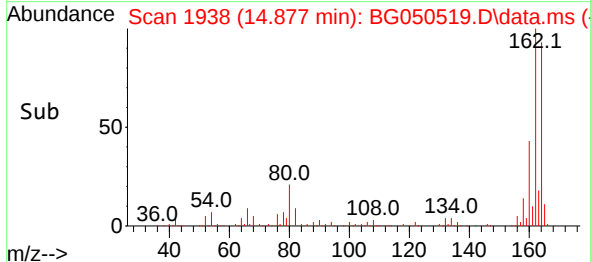
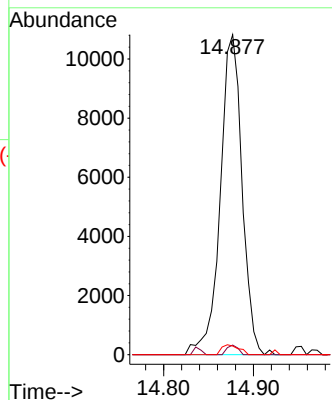
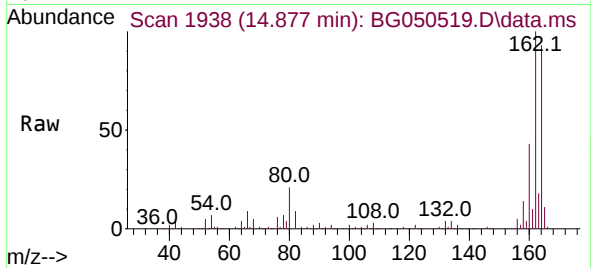




#51
2,6-Dinitrotoluene
Concen: 8.609 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.432 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

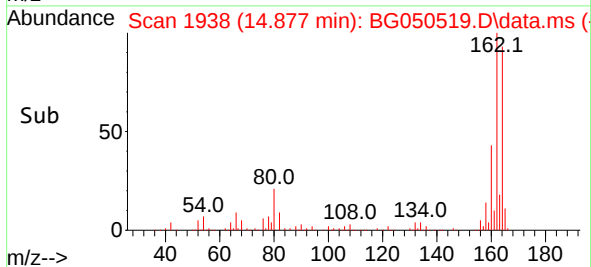
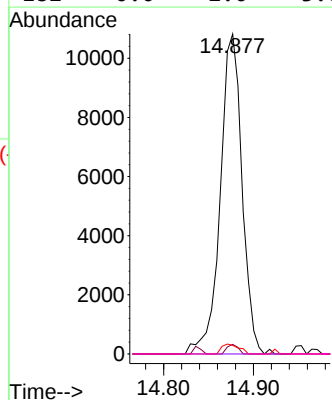
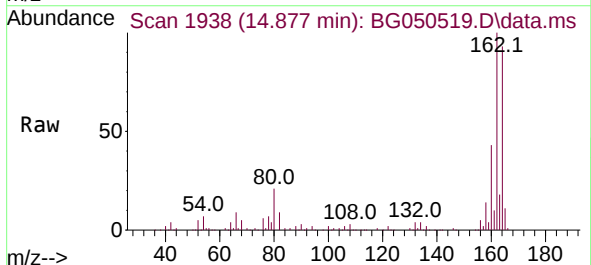
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BNA_G
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SB-4(3-3.5)

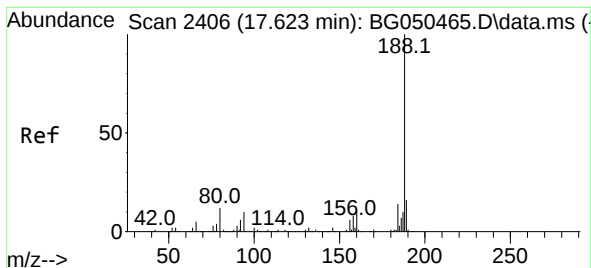
Tgt Ion:165 Resp: 18231
Ion Ratio Lower Upper
165 100
63 3.0 63.3 94.9#
89 2.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.108 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

Tgt Ion:165 Resp: 18231
Ion Ratio Lower Upper
165 100
63 3.0 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#

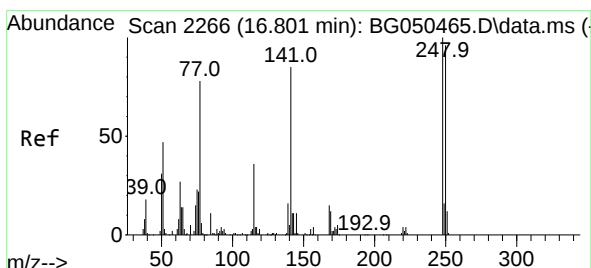
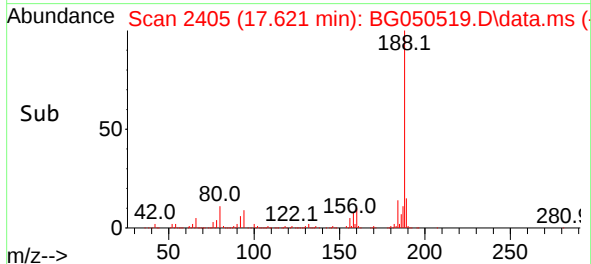
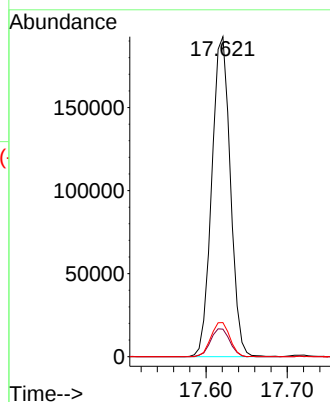
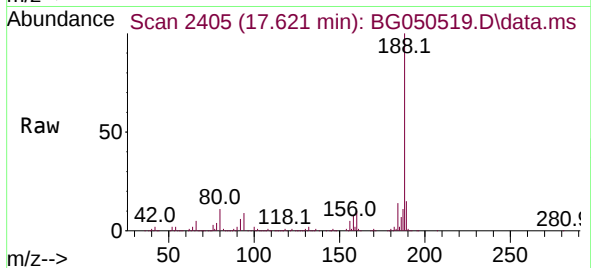




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

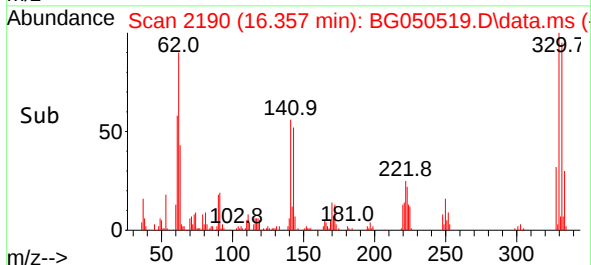
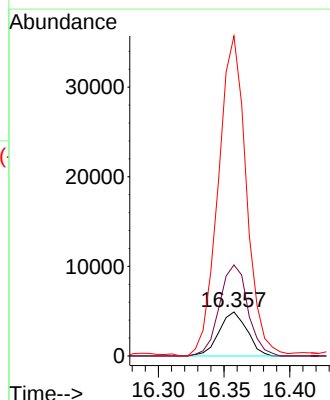
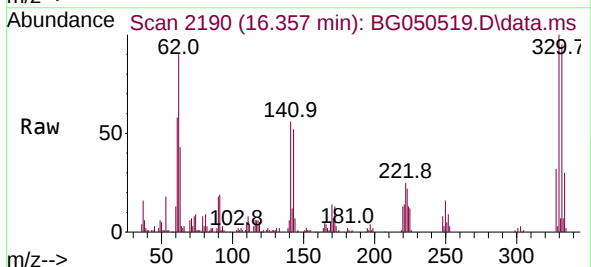
Instrument :
BNA_G
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SB-4(3-3.5)

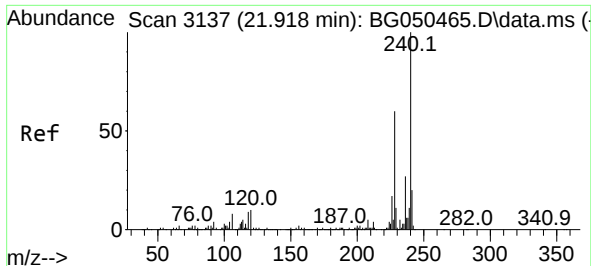
Tgt Ion:188 Resp: 305812
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 10.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.372 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.443 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

Tgt Ion:248 Resp: 7311
Ion Ratio Lower Upper
248 100
250 207.1 76.1 114.1#
141 728.4 65.4 98.2#

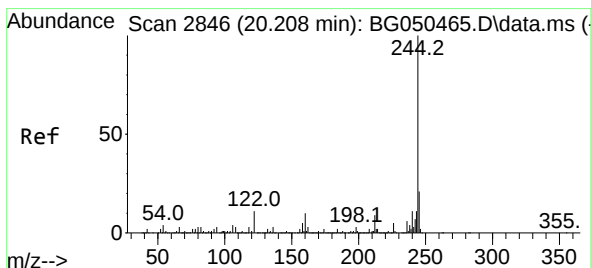
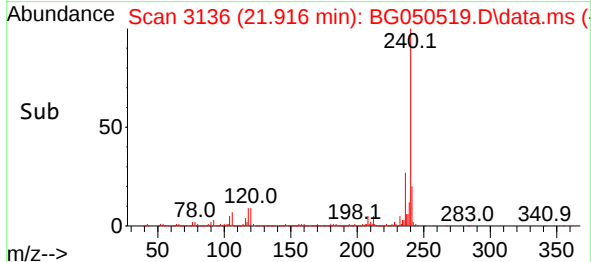
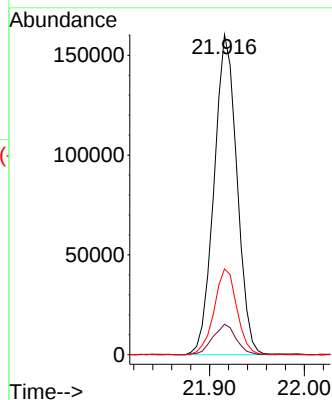
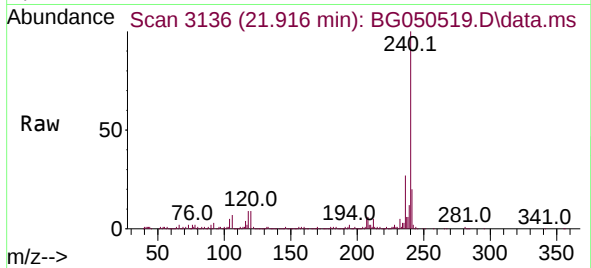




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

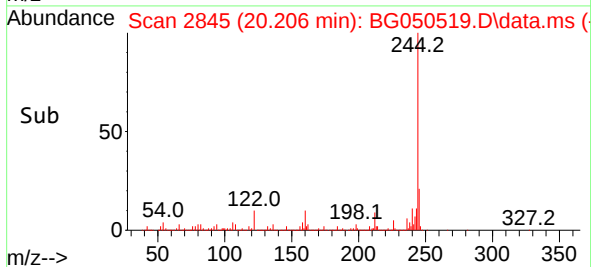
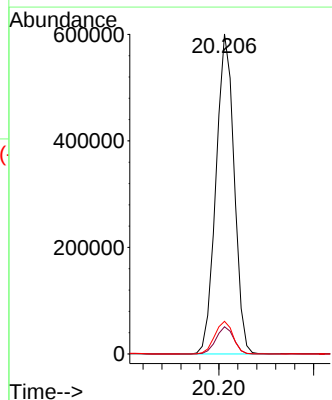
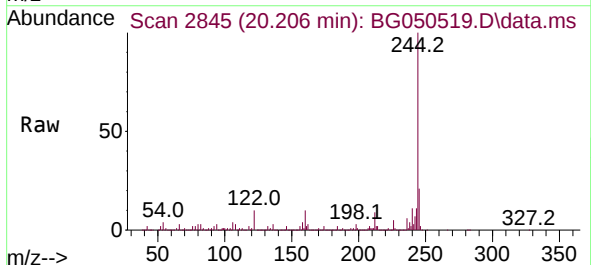
Instrument :
BNA_G
ClientSampleId :
SB-4(3-3.5)

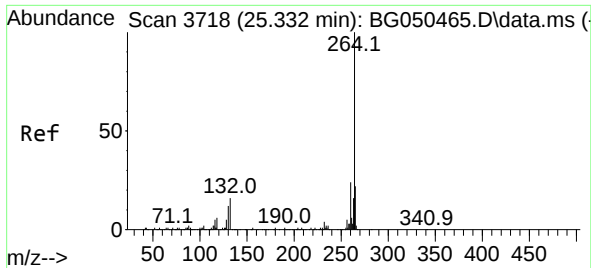
Tgt Ion:240 Resp: 268994
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.8 21.8 32.6



#79
Terphenyl-d14
Concen: 57.978 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.002 min
Lab File: BG050519.D
Acq: 8 Oct 2021 21:43

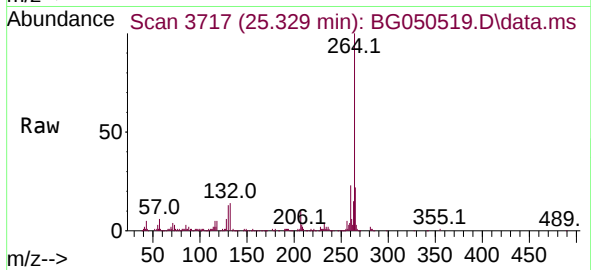
Tgt Ion:244 Resp: 800265
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 10.2 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3717
 Delta R.T. -0.002 min
 Lab File: BG050519.D
 Acq: 8 Oct 2021 21:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(3-3.5)



Tgt Ion:264 Resp: 267752
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.7 16.9 25.3

