

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
 Data File : BG061130.D
 Acq On : 7 May 2024 13:31
 Operator : MA/JU
 Sample : PB160756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160756BL

Quant Time: May 07 14:08:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

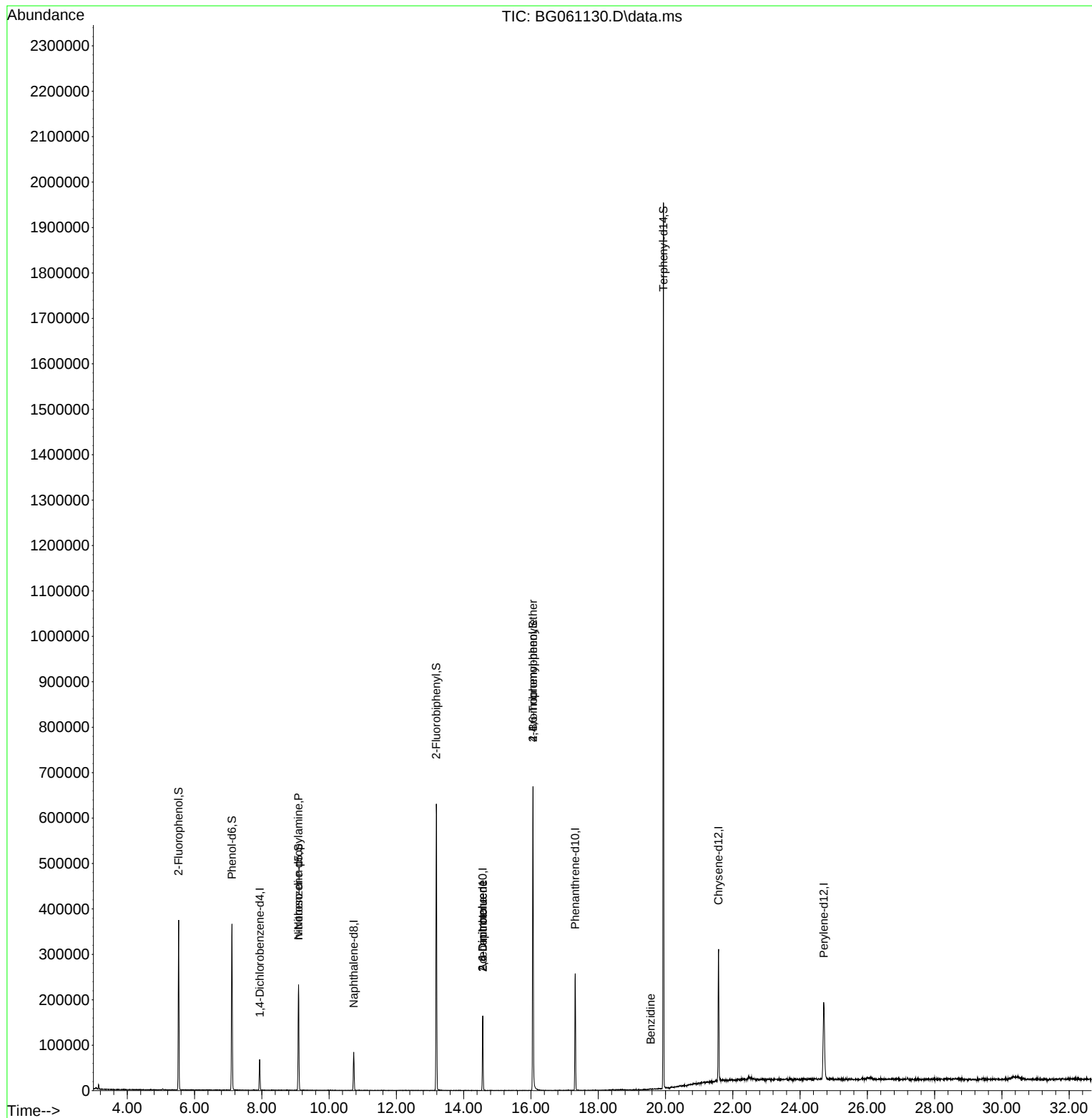
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	16486	20.000	ng	-0.02
21) Naphthalene-d8	10.732	136	67903	20.000	ng	#-0.03
39) Acenaphthene-d10	14.569	164	60005	20.000	ng	-0.02
64) Phenanthrene-d10	17.318	188	174566	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	183191	20.000	ng	-0.01
86) Perylene-d12	24.704	264	208708	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	126461	156.004	ng	-0.02
7) Phenol-d6	7.113	99	162811	135.769	ng	-0.02
23) Nitrobenzene-d5	9.093	82	117010	85.423	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	159450	132.942	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	339572	83.681	ng	-0.02
79) Terphenyl-d14	19.939	244	981429	89.101	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.113	77	78	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	9.093	70	17694	19.716	ng	# 66
51) 2,6-Dinitrotoluene	14.569	165	7972	8.042	ng	# 15
57) 2,4-Dinitrotoluene	14.569	165	7972	5.435	ng	# 17
67) 4-Bromophenyl-phenylether	16.061	248	9694	4.714	ng	# 1
77) Benzidine	19.563	184	1346	3.159	ng	# 75

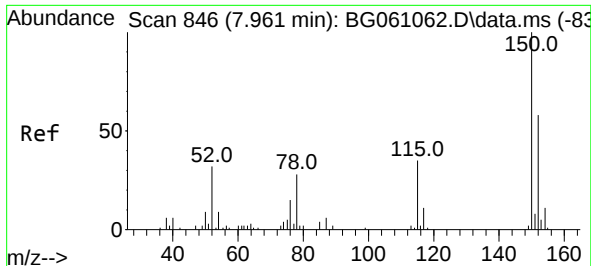
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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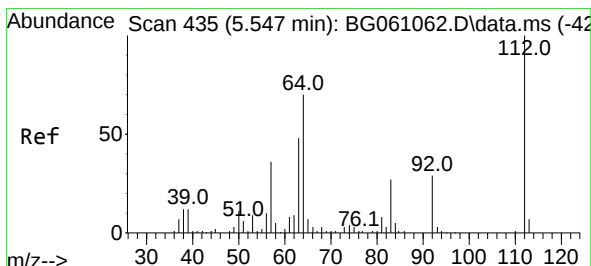
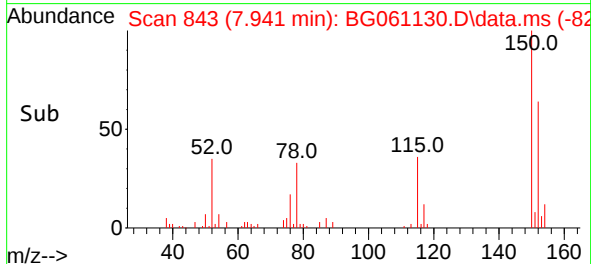
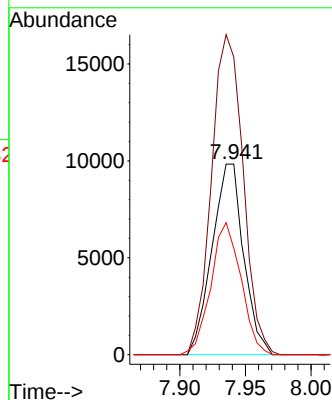
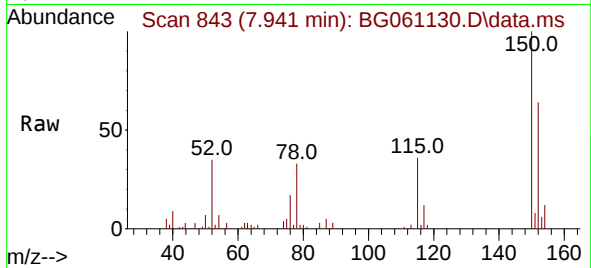




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

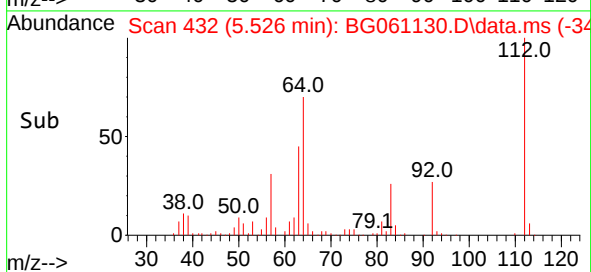
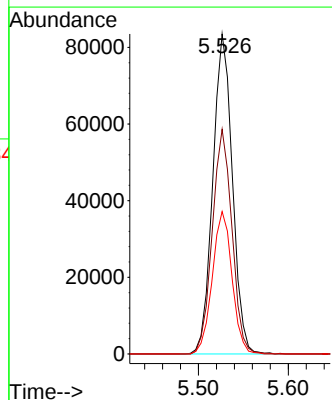
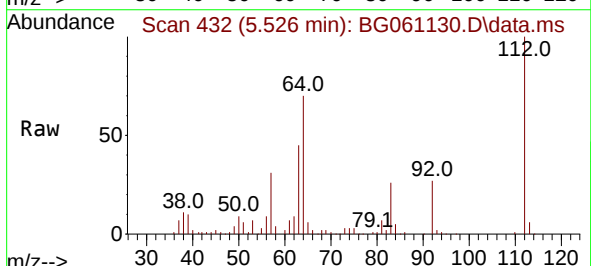
Instrument :
BNA_G
ClientSampleId :
PB160756BL

Tgt Ion:152 Resp: 16486
Ion Ratio Lower Upper
152 100
150 156.1 138.3 207.5
115 55.9 48.0 72.0



#5
2-Fluorophenol
Concen: 156.004 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion:112 Resp: 126461
Ion Ratio Lower Upper
112 100
64 70.2 55.7 83.5
63 44.5 38.1 57.1

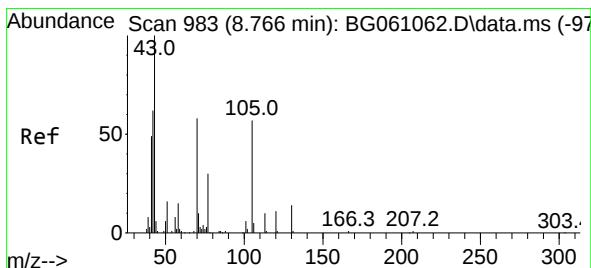
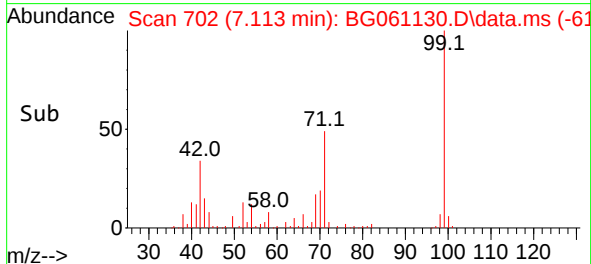
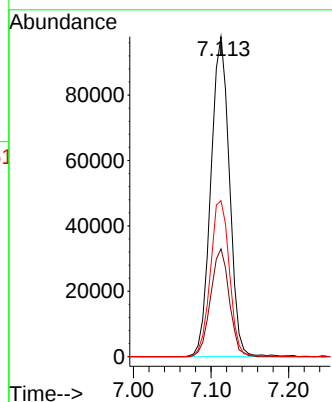
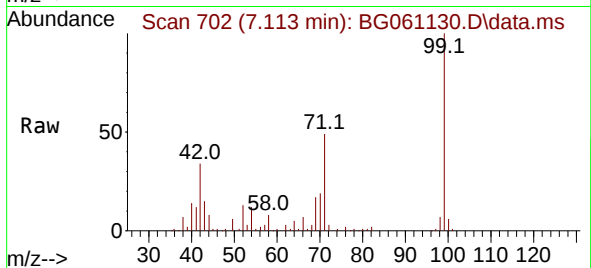




#7
Phenol-d6
Concen: 135.769 ng
RT: 7.113 min Scan# 70
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

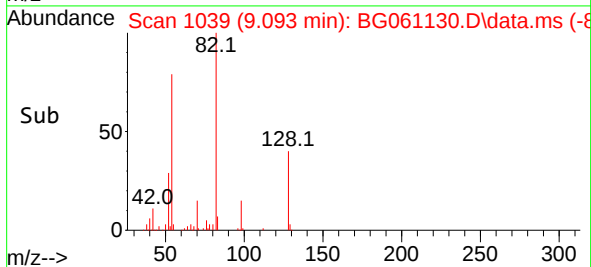
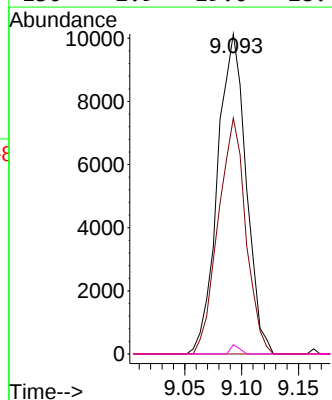
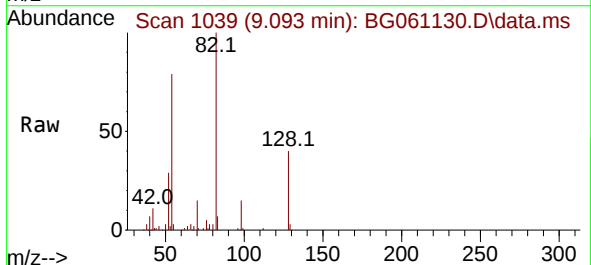
Instrument :
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ClientSampleId :
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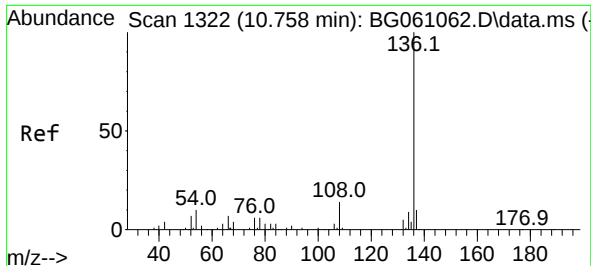
Tgt Ion: 99 Resp: 162811
Ion Ratio Lower Upper
99 100
42 33.7 29.2 43.8
71 48.7 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.716 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.326 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion: 70 Resp: 17694
Ion Ratio Lower Upper
70 100
42 73.7 86.4 129.6#
101 0.0 7.8 11.8#
130 2.9 19.0 28.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

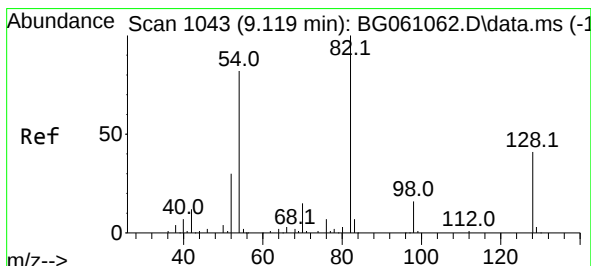
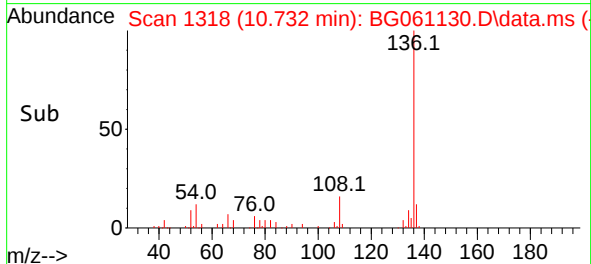
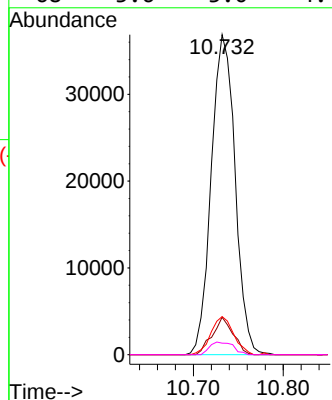
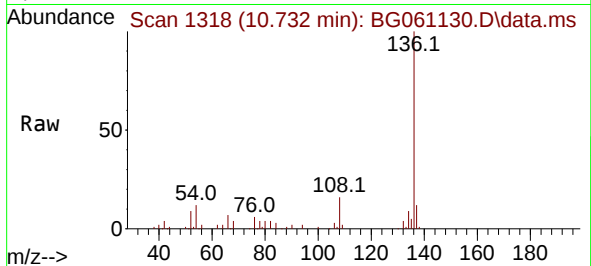
Instrument :

BNA_G

ClientSampleId :

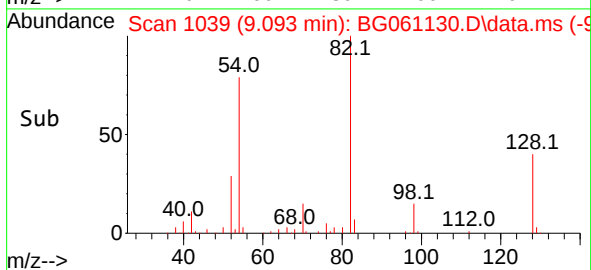
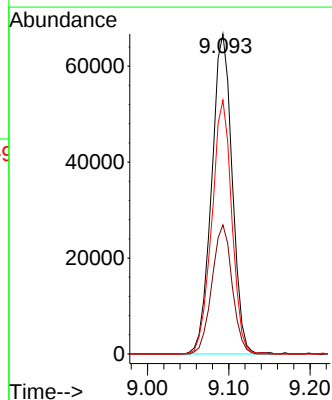
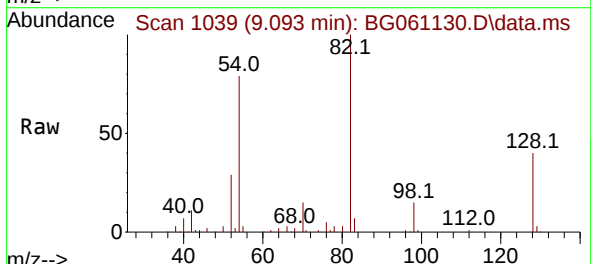
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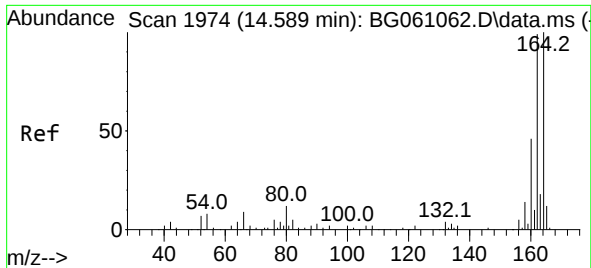
Tgt Ion:136 Resp: 67903
Ion Ratio Lower Upper
136 100
137 11.7 7.8 11.6#
54 11.9 8.1 12.1
68 3.6 3.0 4.4



#23
Nitrobenzene-d5
Concen: 85.423 ng
RT: 9.093 min Scan# 1039
Delta R.T. -0.026 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

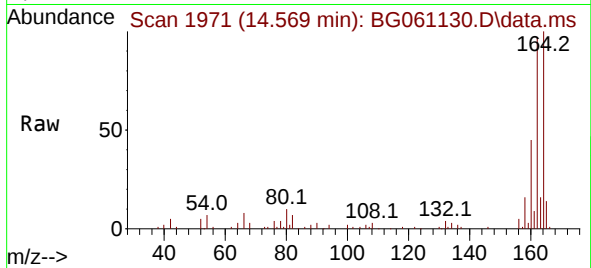
Tgt Ion: 82 Resp: 117010
Ion Ratio Lower Upper
82 100
128 40.3 32.7 49.1
54 79.3 65.6 98.4



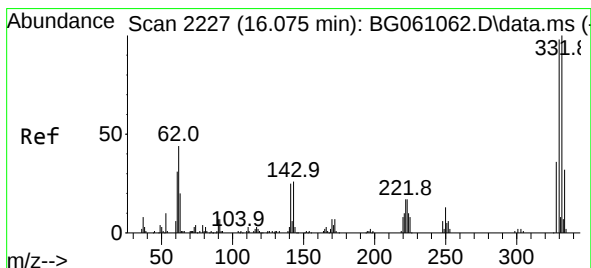
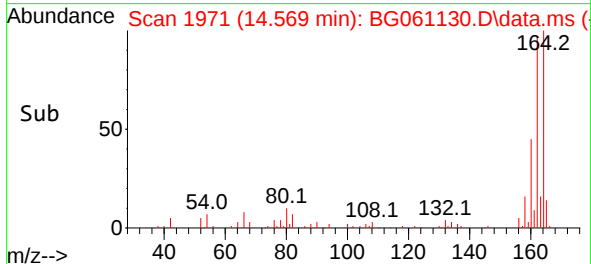
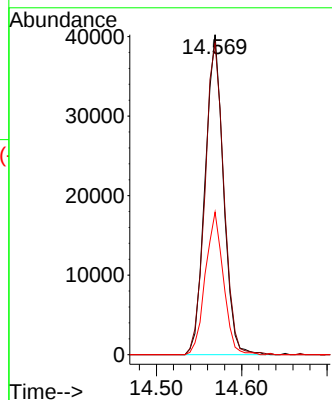


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1974
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB160756BL

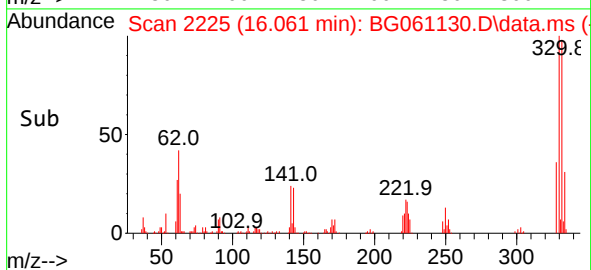
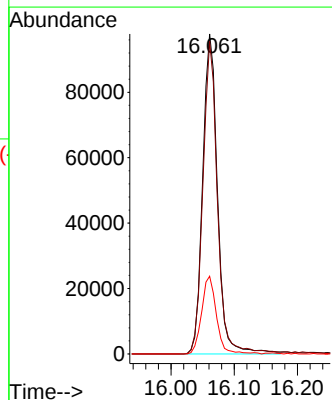
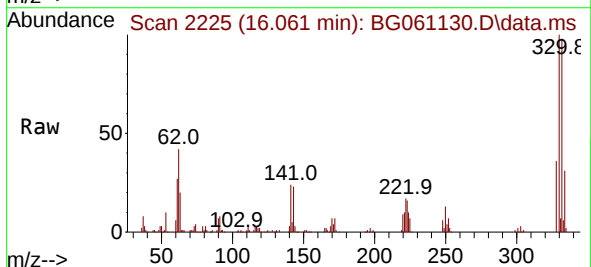


Tgt Ion:164 Resp: 60005
Ion Ratio Lower Upper
164 100
162 97.4 79.4 119.2
160 44.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 132.942 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

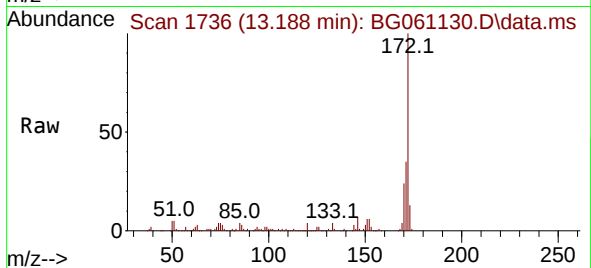
Tgt Ion:330 Resp: 159450
Ion Ratio Lower Upper
330 100
332 96.1 78.6 117.8
141 24.2 20.5 30.7



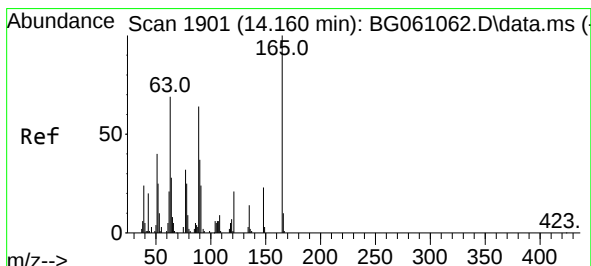
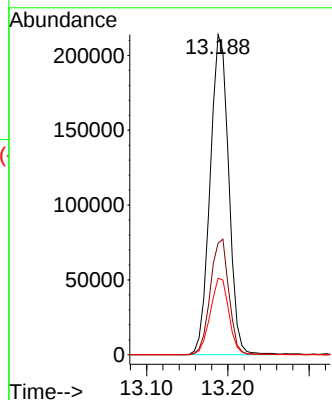
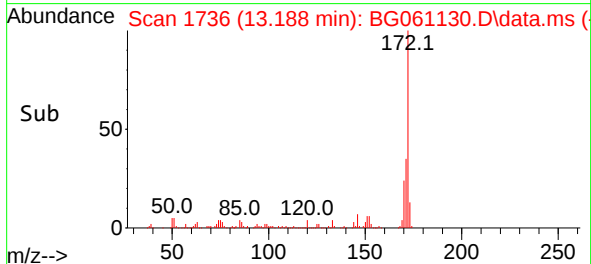


#45
2-Fluorobiphenyl
Concen: 83.681 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB160756BL

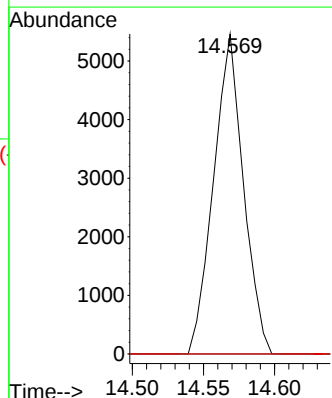
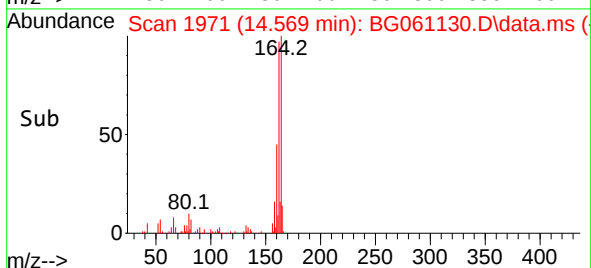
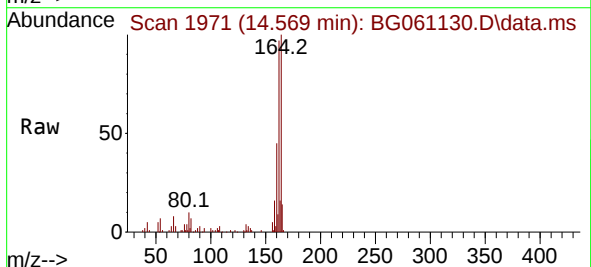


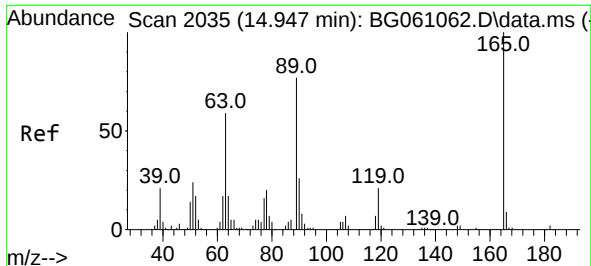
Tgt Ion:172 Resp: 339572
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 23.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.042 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.409 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

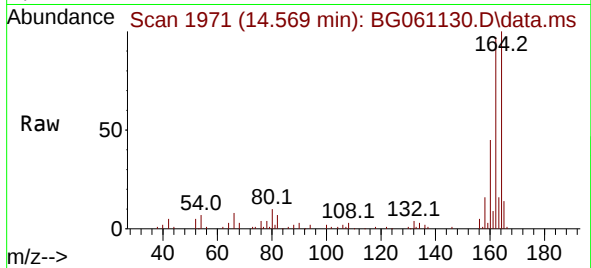
Tgt Ion:165 Resp: 7972
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



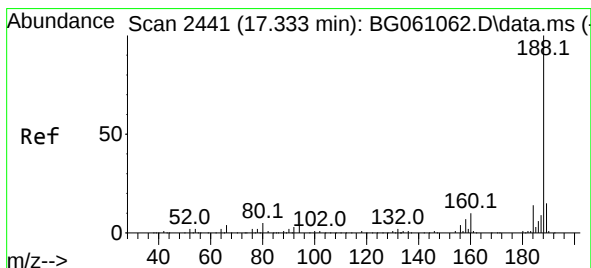
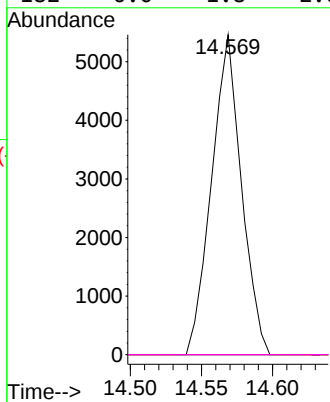
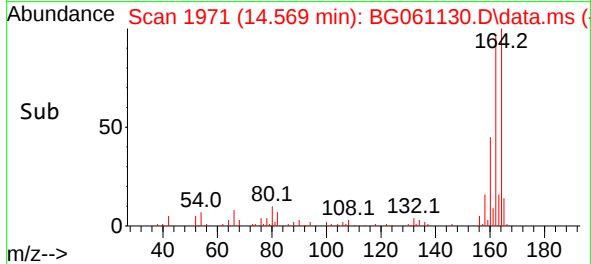


#57
2,4-Dinitrotoluene
Concen: 5.435 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.379 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

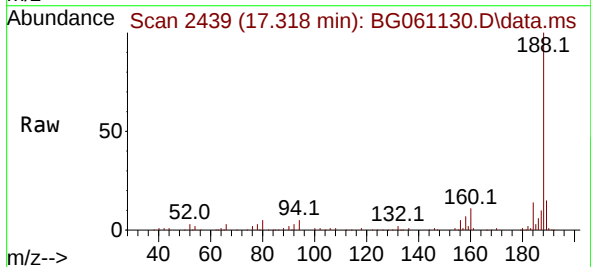
Instrument :
BNA_G
ClientSampleId :
PB160756BL



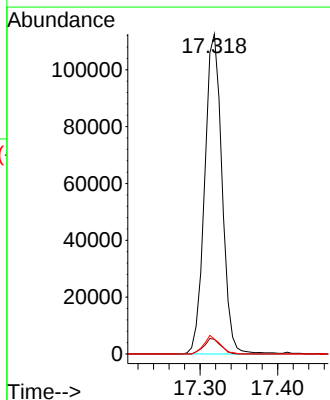
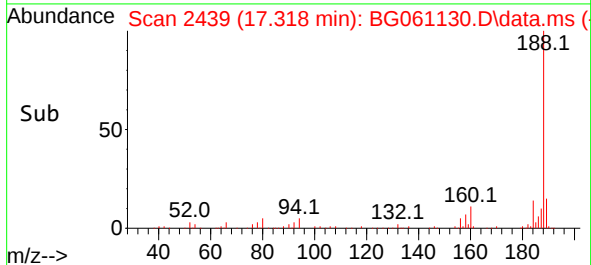
Tgt Ion:165 Resp: 7972
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#

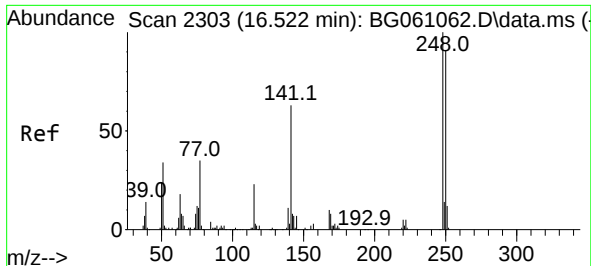


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31



Tgt Ion:188 Resp: 174566
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 4.6 4.2 6.2

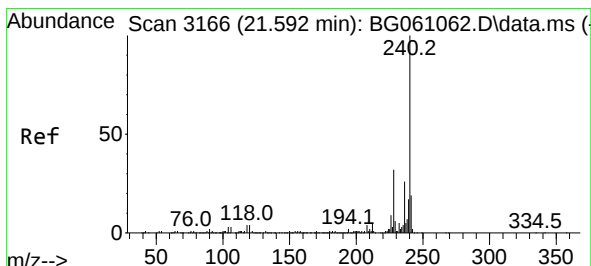
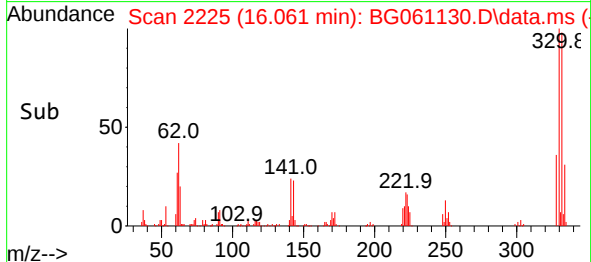
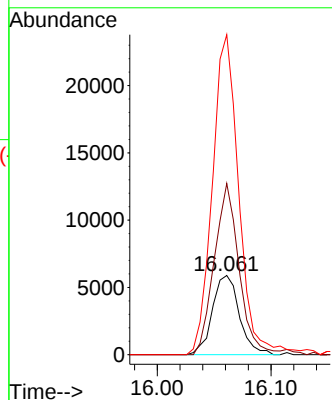
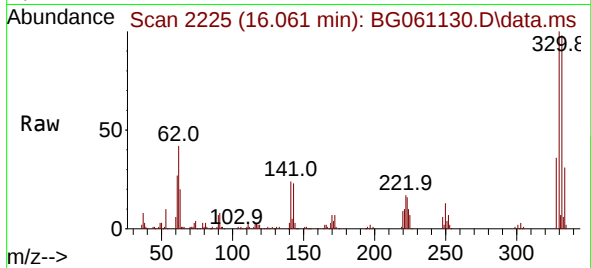




#67
4-Bromophenyl-phenylether
Concen: 4.714 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.461 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

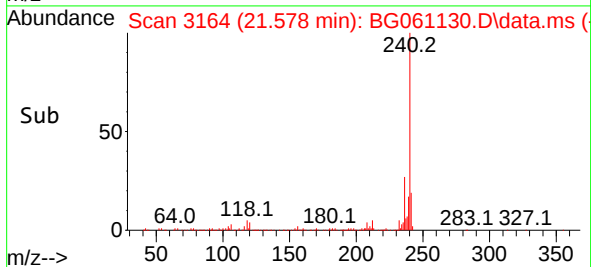
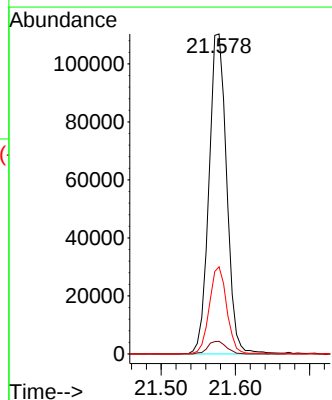
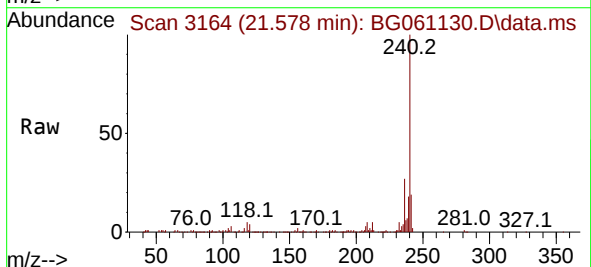
Instrument :
BNA_G
ClientSampleId :
PB160756BL

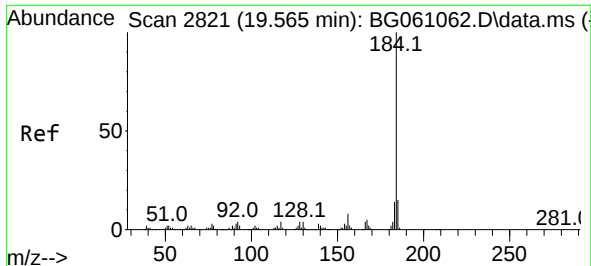
Tgt Ion:248 Resp: 9694
Ion Ratio Lower Upper
248 100
250 216.3 73.0 109.4#
141 404.3 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

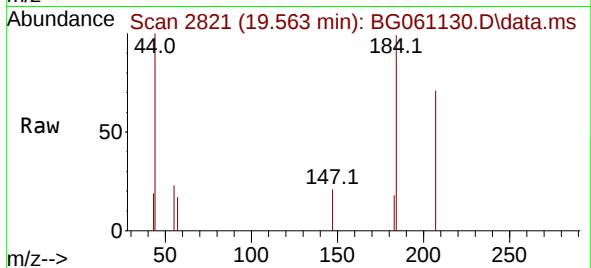
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Ion Ratio Lower Upper
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120 3.9 3.2 4.8
236 27.2 21.0 31.6



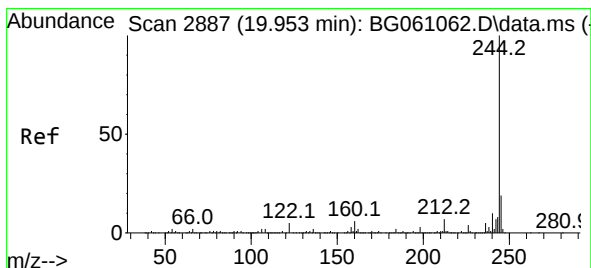
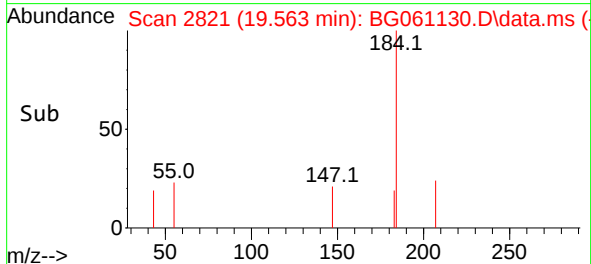
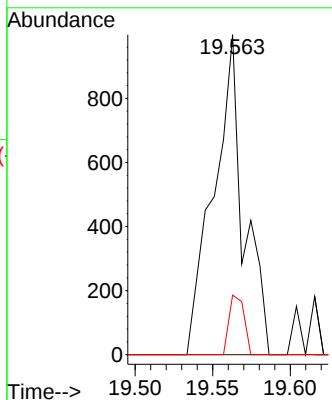


#77
Benzidine
Concen: 3.159 ng
RT: 19.563 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB160756BL

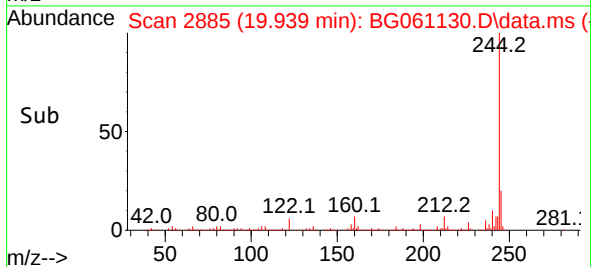
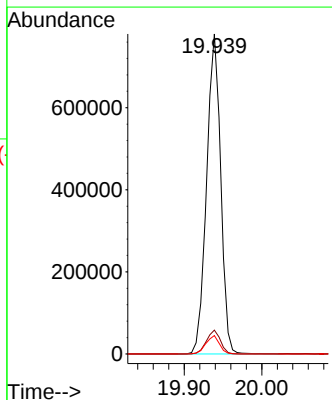
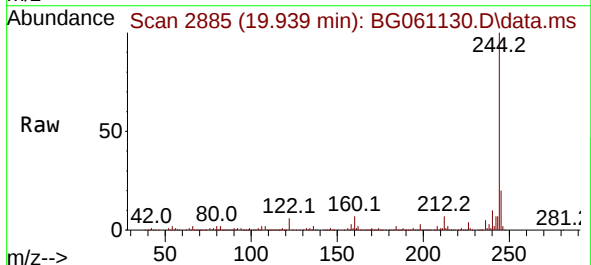


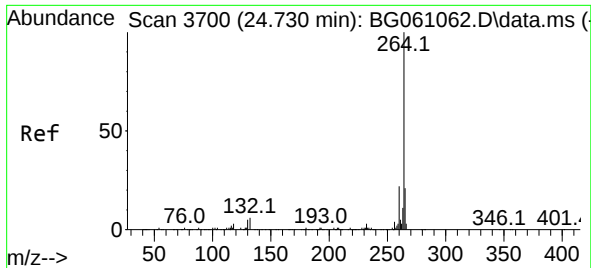
Tgt Ion:184 Resp: 1346
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 18.6 10.9 16.3#



#79
Terphenyl-d14
Concen: 89.101 ng
RT: 19.939 min Scan# 2885
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion:244 Resp: 981429
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.8 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: BG061130.D
 Acq: 7 May 2024 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB160756BL

Tgt Ion:264 Resp: 208708
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.7 26.5
 265 22.4 16.4 24.6

