

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048938.D
 Acq On : 13 Jun 2021 11:49
 Operator : CG/JU
 Sample : M2625-40
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(214-218)

Quant Time: Jun 14 03:19:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

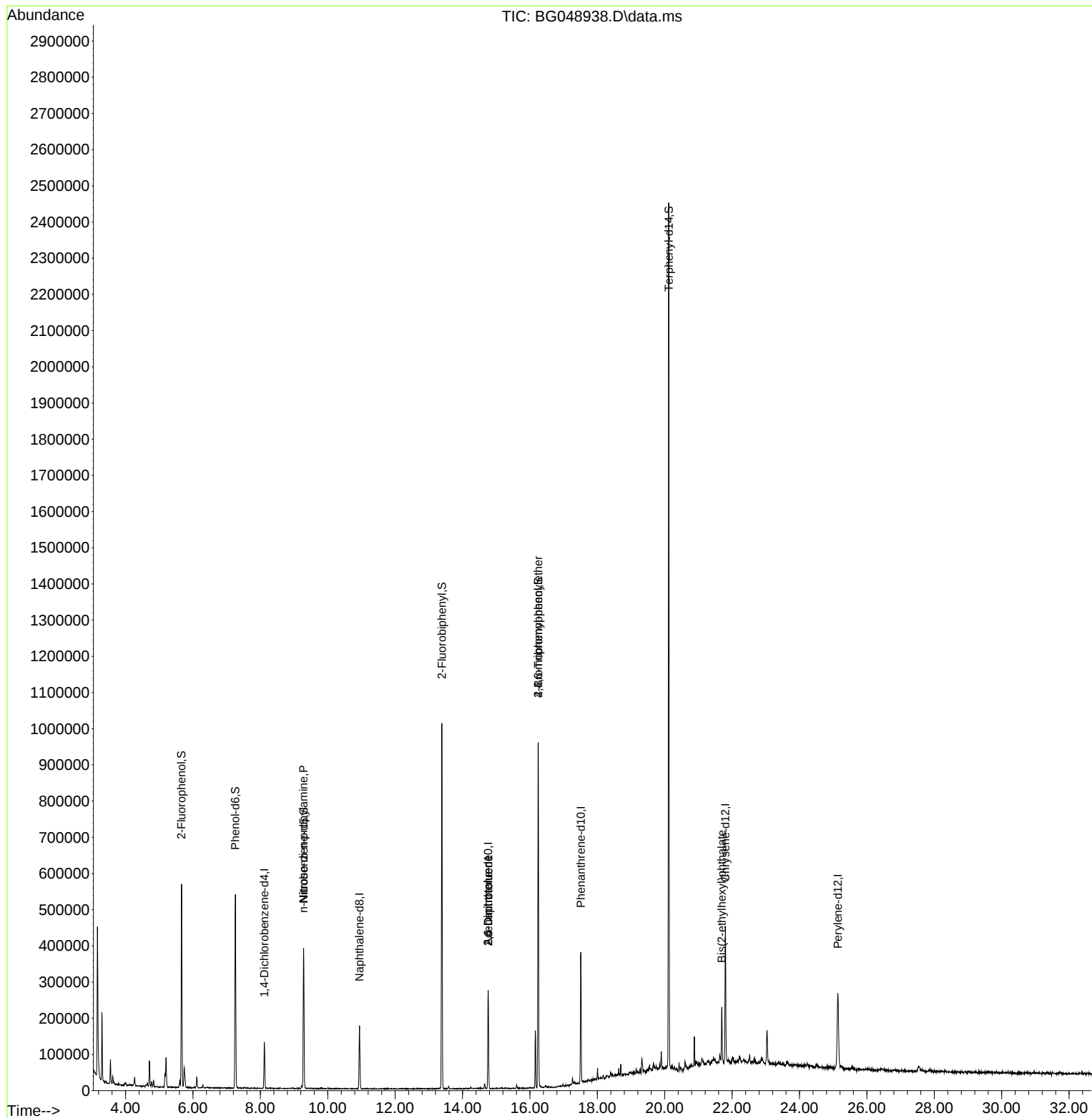
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32883	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	132196	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	95047	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	231472	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	229312	20.00	ng	-0.02
86) Perylene-d12	25.138	264	233643	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	211470	100.11	ng	0.00
7) Phenol-d6	7.259	99	269237	85.04	ng	0.00
23) Nitrobenzene-d5	9.286	82	234383	76.45	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	178472	126.74	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	496851	73.85	ng	0.00
79) Terphenyl-d14	20.120	244	1058531	84.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	33822	13.67	ng	# 77
51) 2,6-Dinitrotoluene	14.762	165	12821	8.50	ng	# 11
57) 2,4-Dinitrotoluene	14.762	165	12821	6.92	ng	# 16
67) 4-Bromophenyl-phenylether	16.249	248	11619	4.02	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.695	149	54745	6.12	ng	# 96

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

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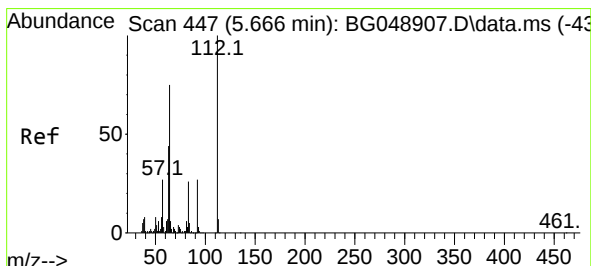
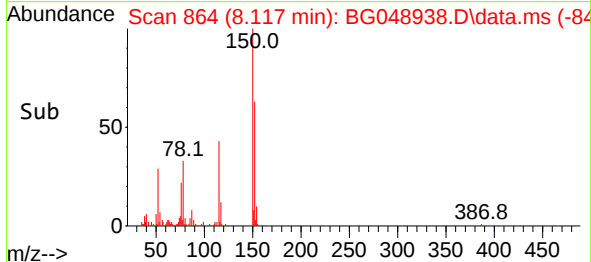
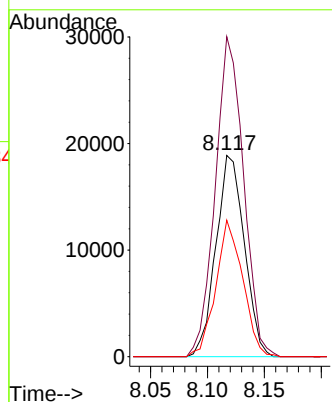
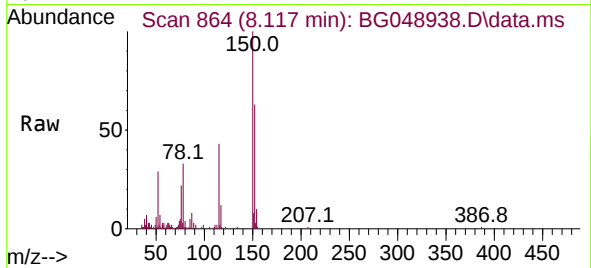




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

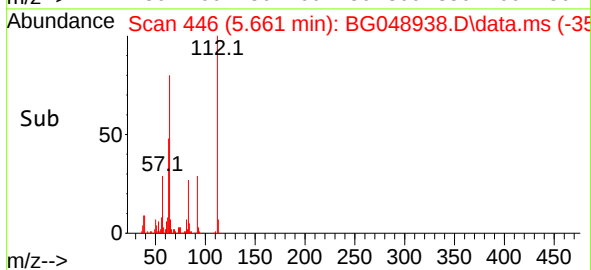
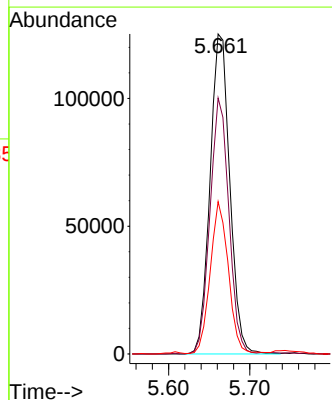
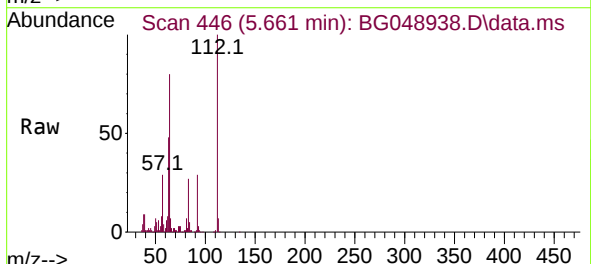
Instrument :
BNA_G
ClientSampleId :
18-B12(214-218)

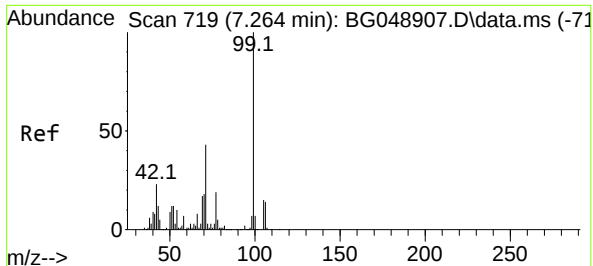
Tgt Ion:152 Resp: 32883
Ion Ratio Lower Upper
152 100
150 159.0 119.4 179.0
115 67.8 60.2 90.4



#5
2-Fluorophenol
Concen: 100.11 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion:112 Resp: 211470
Ion Ratio Lower Upper
112 100
64 80.0 46.7 70.1#
63 47.6 35.3 52.9

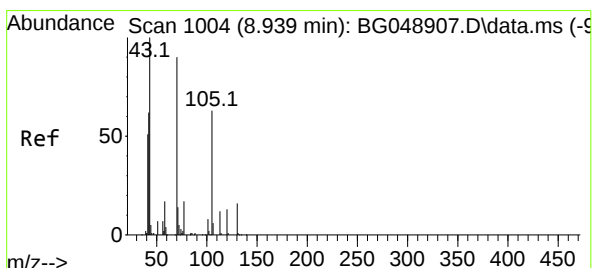
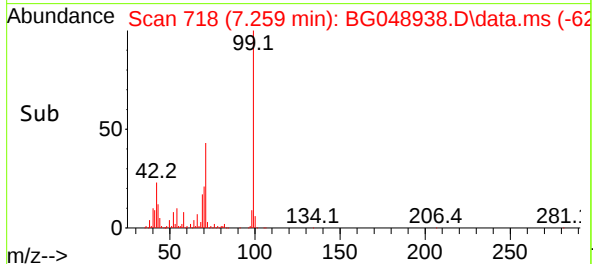
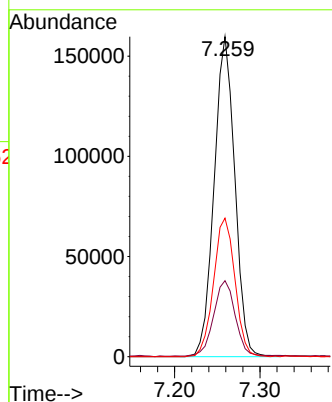
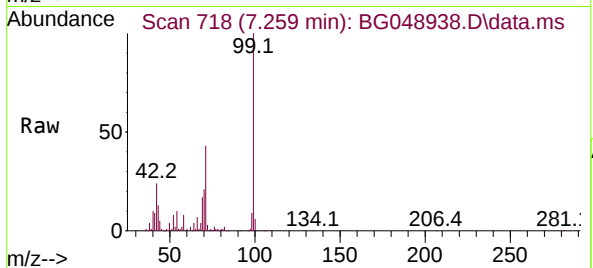




#7
Phenol-d6
Concen: 85.04 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

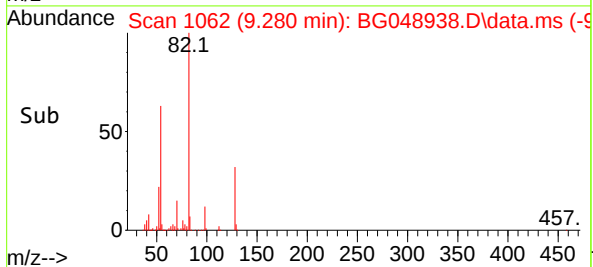
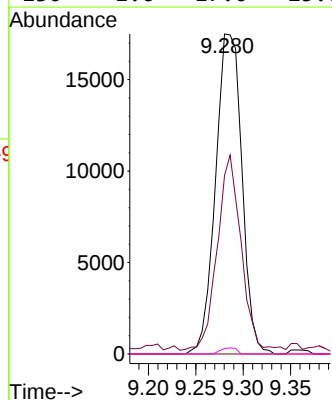
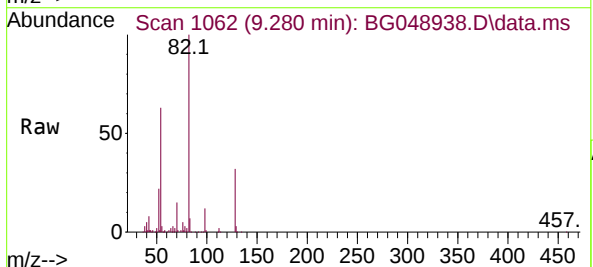
Instrument :
BNA_G
ClientSampleId :
18-B12(214-218)

Tgt Ion: 99 Resp: 269237
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 43.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.67 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.341 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion: 70 Resp: 33822
Ion Ratio Lower Upper
70 100
42 55.7 54.5 81.7
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

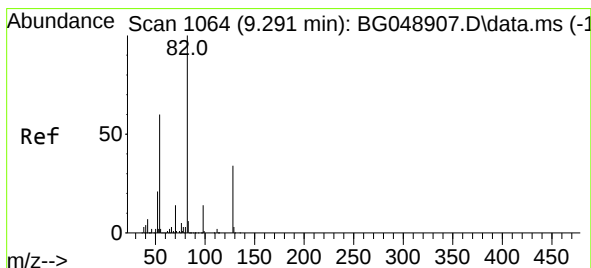
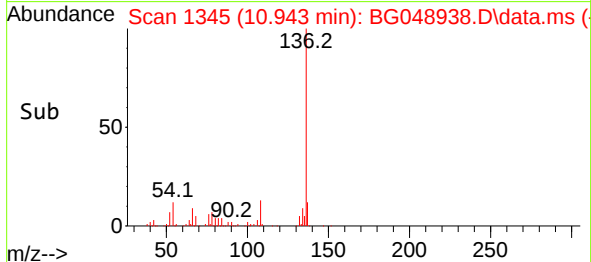
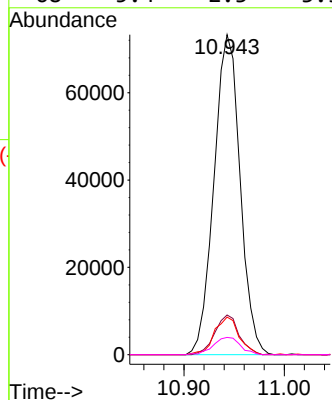
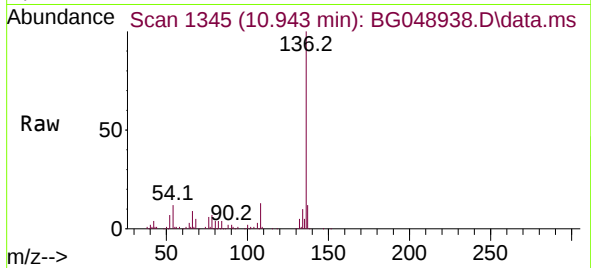




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

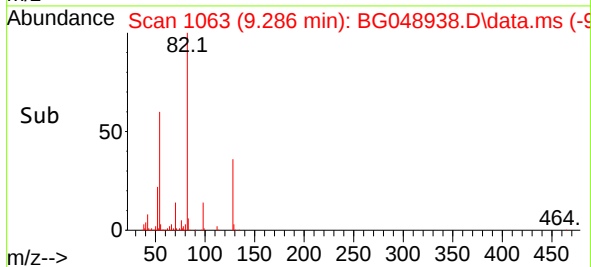
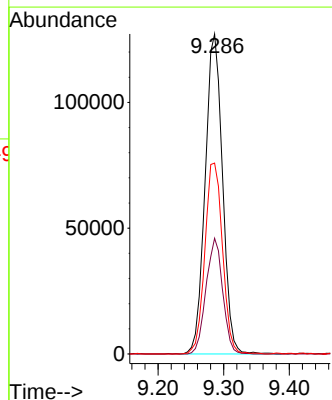
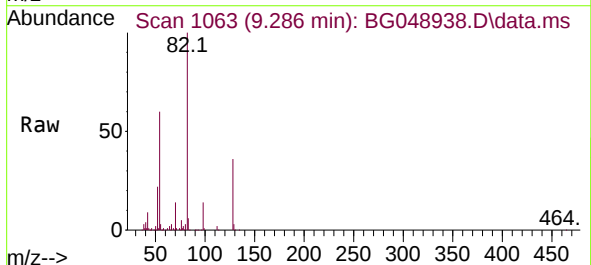
Instrument :
BNA_G
ClientSampleId :
18-B12(214-218)

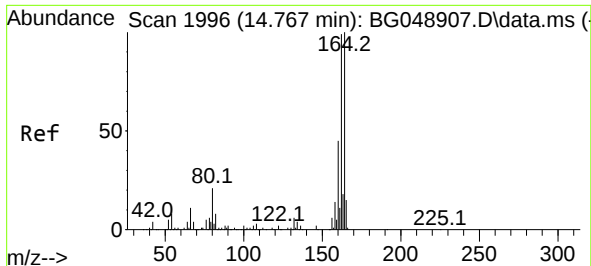
Tgt Ion:	136	Resp:	132196
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.2	12.2#
54	11.8	5.5	8.3#
68	5.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 76.45 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion:	82	Resp:	234383
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	59.7	45.8	68.8

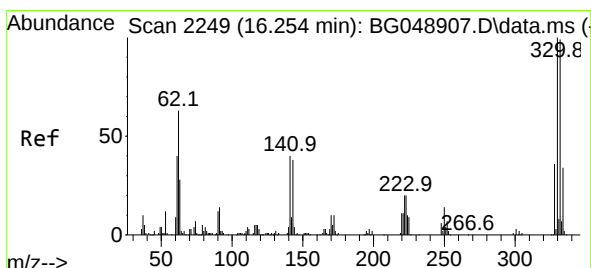
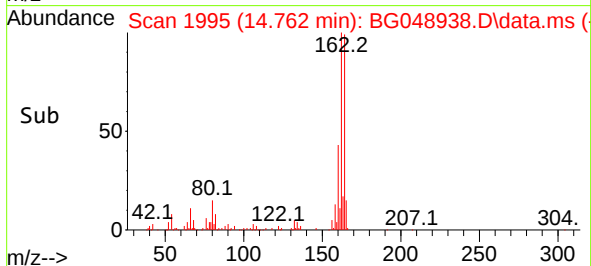
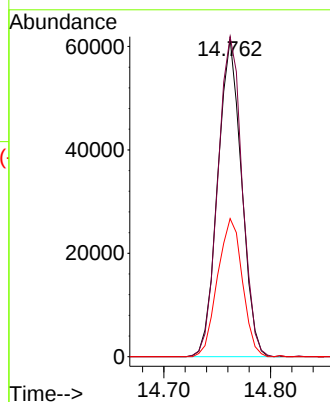
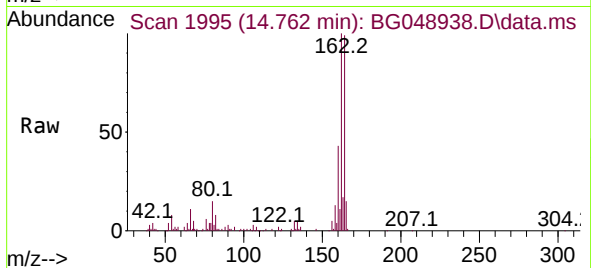




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

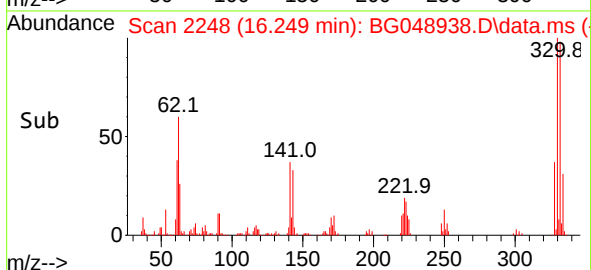
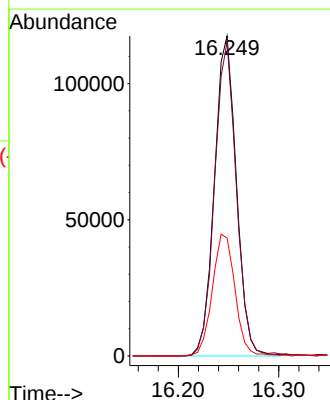
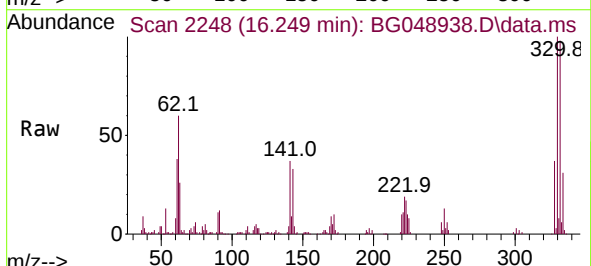
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ClientSampleId :
18-B12(214-218)

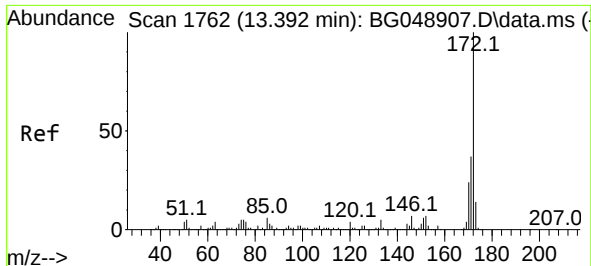
Tgt Ion:164 Resp: 95047
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 126.74 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion:330 Resp: 178472
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 39.4 35.6 53.4

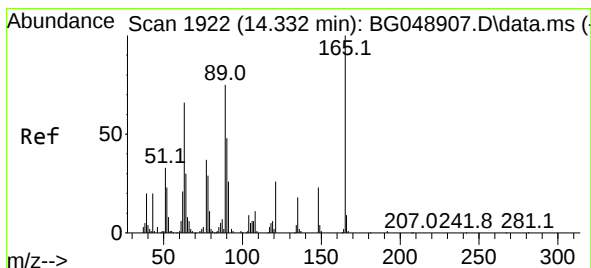
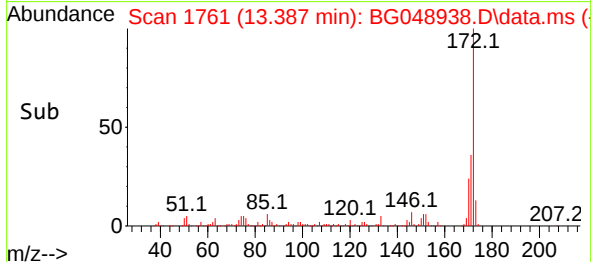
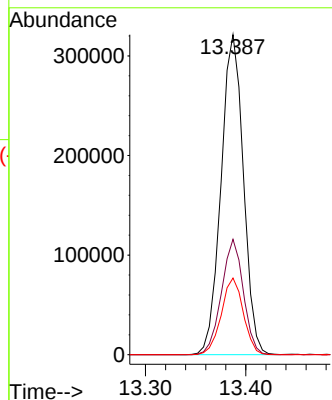
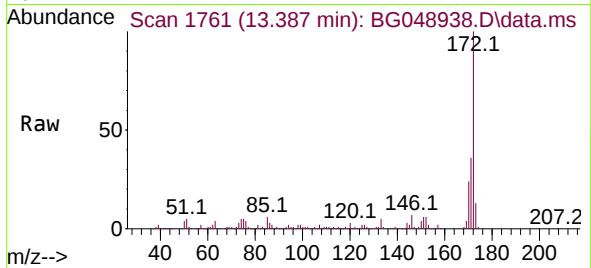




#45
2-Fluorobiphenyl
Concen: 73.85 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

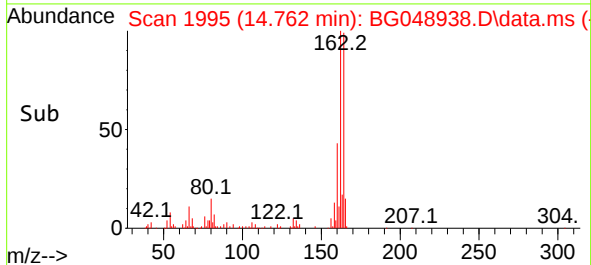
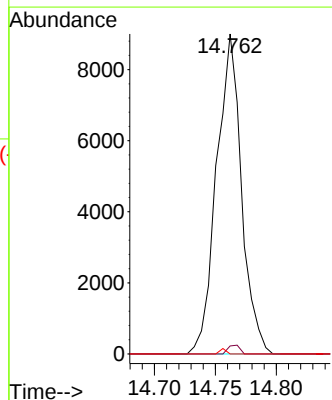
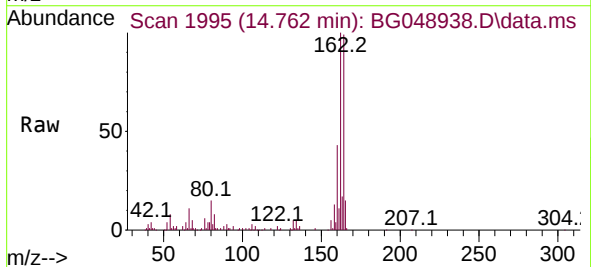
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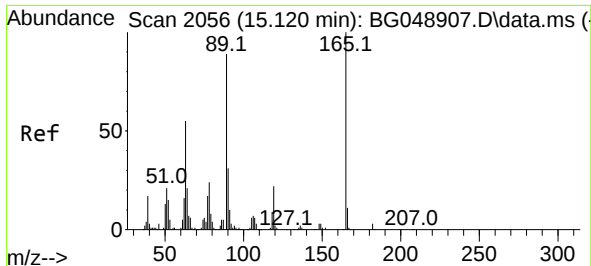
Tgt Ion:172 Resp: 496851
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion:165 Resp: 12821
Ion Ratio Lower Upper
165 100
63 2.5 63.3 94.9#
89 0.0 63.4 95.0#

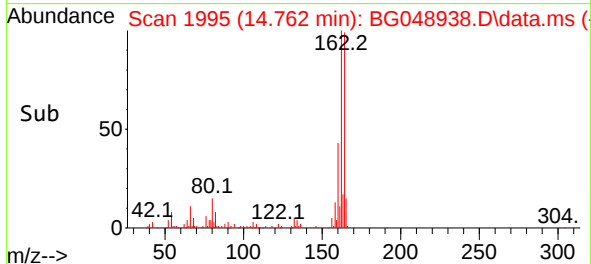
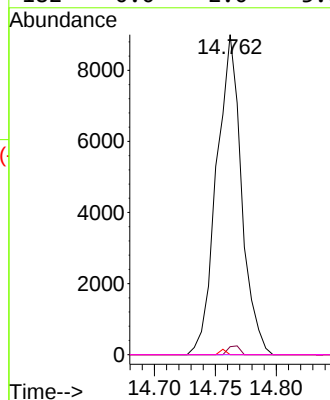
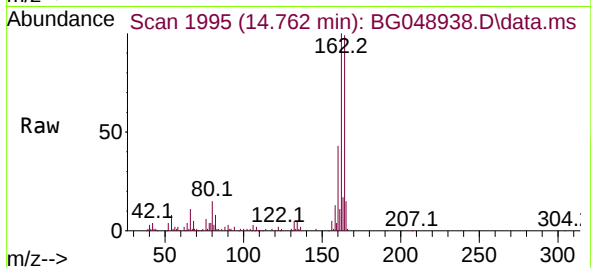




#57
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

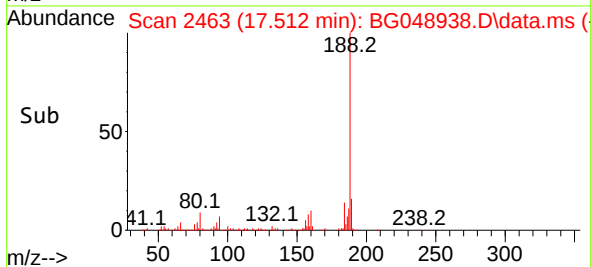
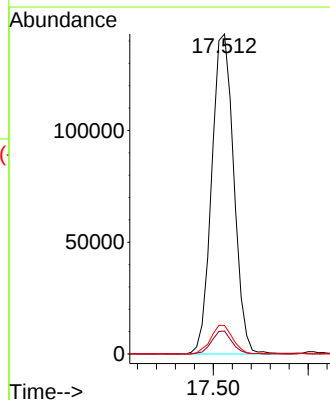
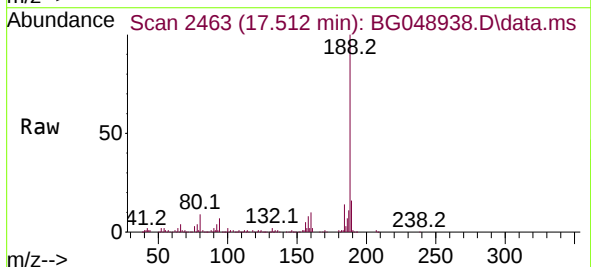
Instrument :
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ClientSampleId :
18-B12(214-218)

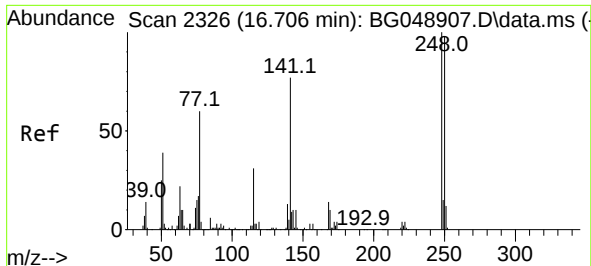
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Ion Ratio	Lower	Upper
165	100	
63	2.5	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion:188	Resp:	231472
Ion Ratio	Lower	Upper
188	100	
94	7.2	5.4 8.0
80	8.9	3.7 5.5#

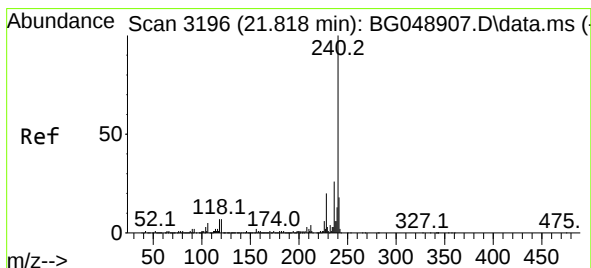
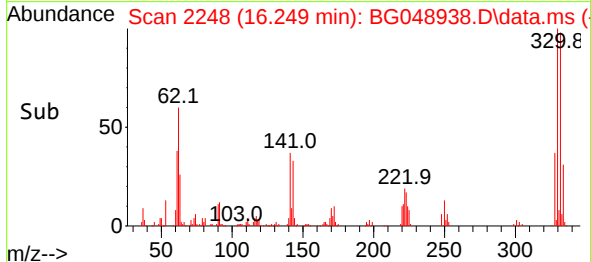
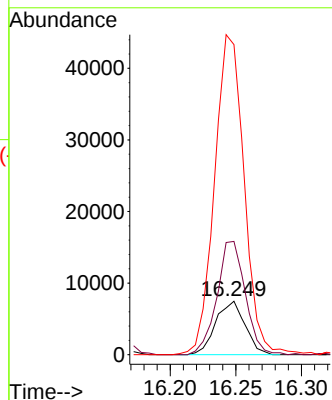
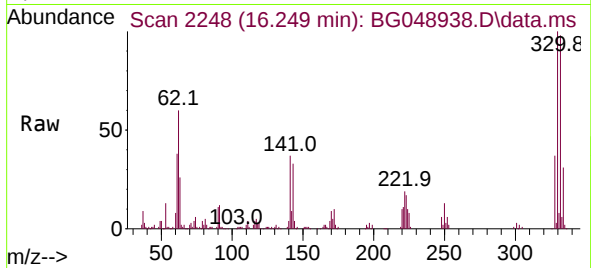




#67
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

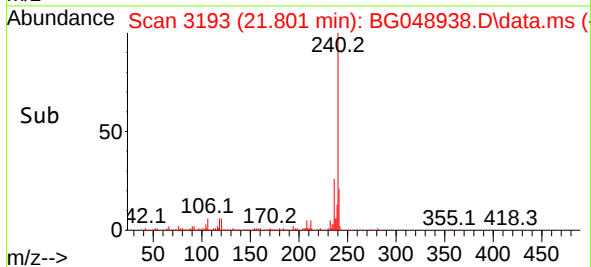
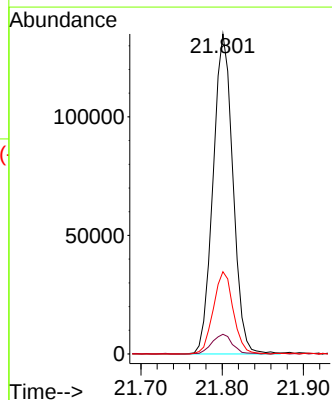
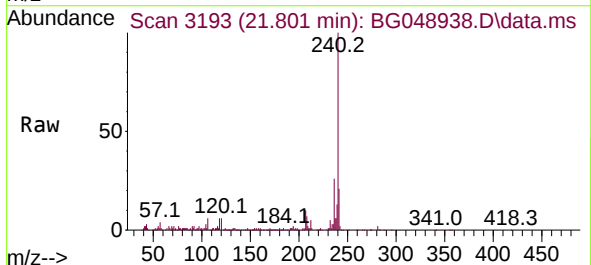
Instrument :
BNA_G
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18-B12(214-218)

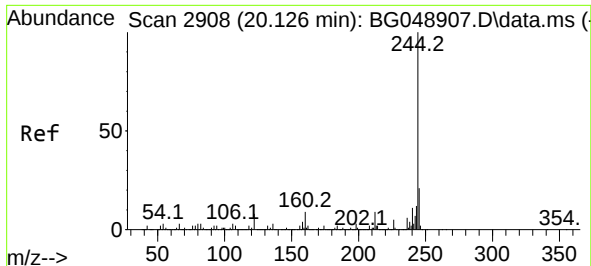
Tgt Ion:248 Resp: 11619
Ion Ratio Lower Upper
248 100
250 211.9 76.1 114.1#
141 580.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Tgt Ion:240 Resp: 229312
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.2
236 25.7 21.8 32.6

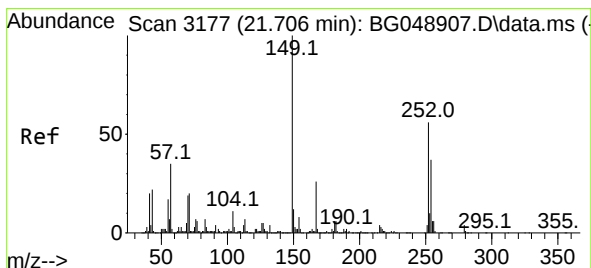
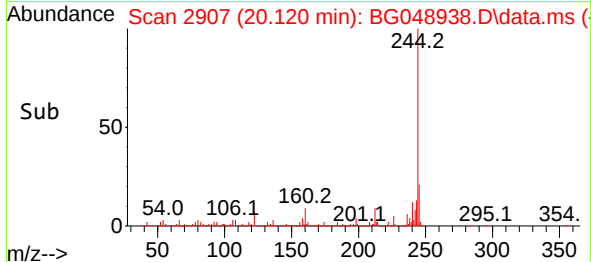
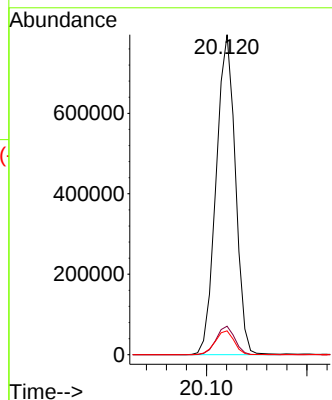
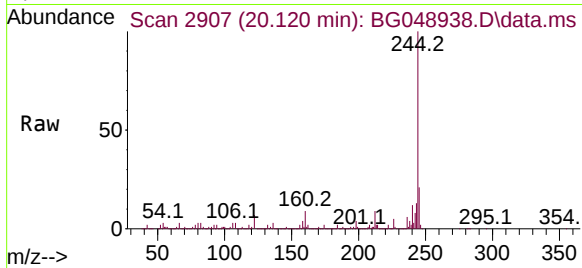




#79
 Terphenyl-d14
 Concen: 84.54 ng
 RT: 20.120 min Scan# 2907
 Delta R.T. -0.006 min
 Lab File: BG048938.D
 Acq: 13 Jun 2021 11:49

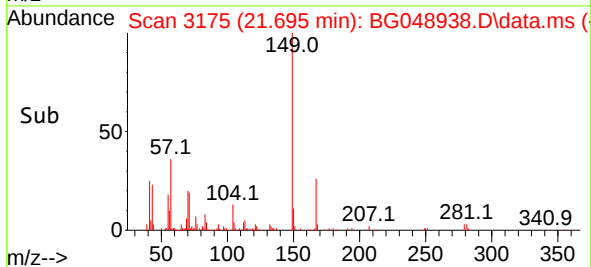
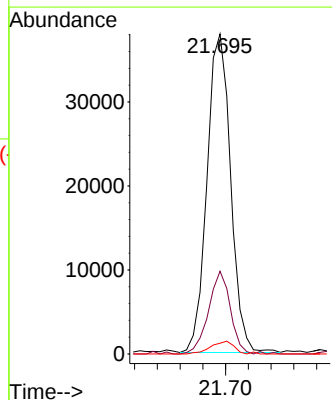
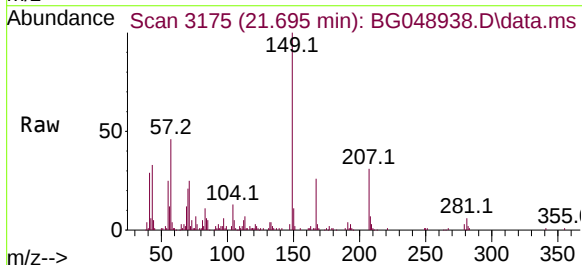
Instrument :
 BNA_G
 ClientSampleId :
 18-B12(214-218)

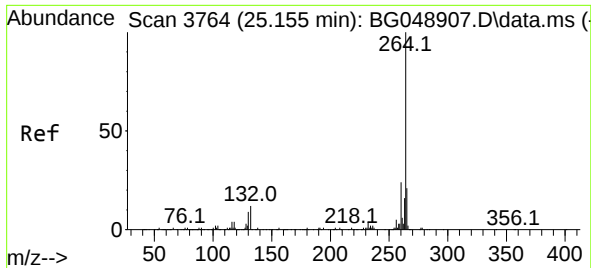
Tgt Ion:244 Resp: 1058531
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 7.4 5.0 7.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.12 ng
 RT: 21.695 min Scan# 3175
 Delta R.T. -0.011 min
 Lab File: BG048938.D
 Acq: 13 Jun 2021 11:49

Tgt Ion:149 Resp: 54745
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.3 33.5
 279 3.3 3.8 5.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3761
Delta R.T. -0.017 min
Lab File: BG048938.D
Acq: 13 Jun 2021 11:49

Instrument :
BNA_G
ClientSampleId :
18-B12(214-218)

Tgt Ion:264 Resp: 233643

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.1	16.9	25.3

