

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048922.D
 Acq On : 12 Jun 2021 21:27
 Operator : CG/JU
 Sample : M2625-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(150-154)

Quant Time: Jun 14 03:17:26 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)

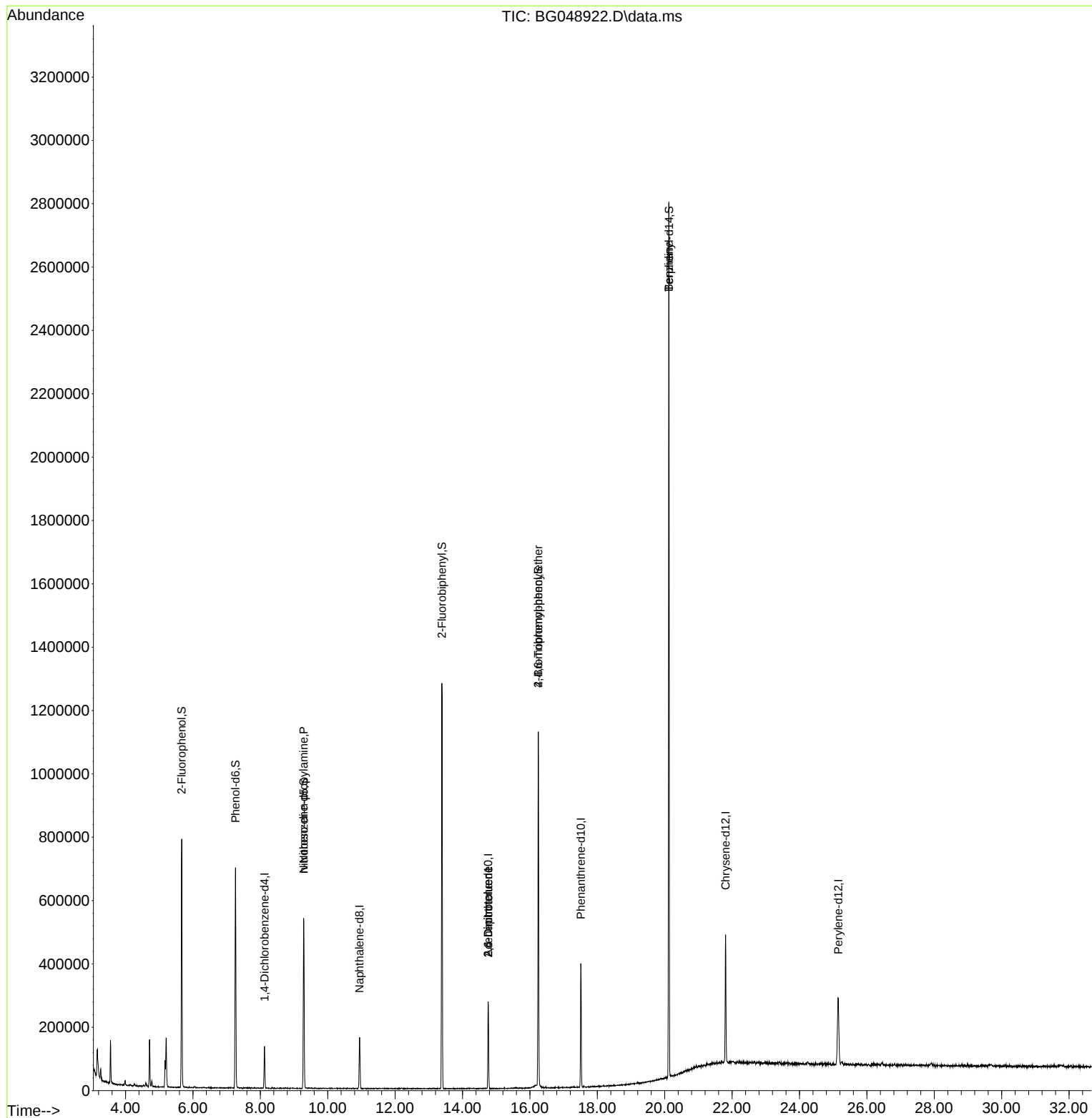
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	33628	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	131701	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	98851	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	243994	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	252657	20.00	ng	-0.01
86) Perylene-d12	25.150	264	246141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	292090	135.21	ng	0.00
7) Phenol-d6	7.265	99	347152	107.22	ng	0.00
23) Nitrobenzene-d5	9.286	82	319203	104.51	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	199956	136.53	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	655690	93.70	ng	0.00
79) Terphenyl-d14	20.127	244	1275046	92.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.286	70	46532	18.39	ng	# 74
51) 2,6-Dinitrotoluene	14.762	165	12491	7.97	ng	# 10
57) 2,4-Dinitrotoluene	14.762	165	12491	6.49	ng	# 15
67) 4-Bromophenyl-phenylether	16.249	248	13210	4.34	ng	# 1
77) Benzydine	20.121	184	25892	5.09	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048922.D
Acq On : 12 Jun 2021 21:27
Operator : CG/JU
Sample : M2625-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

Quant Time: Jun 14 03:17:26 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

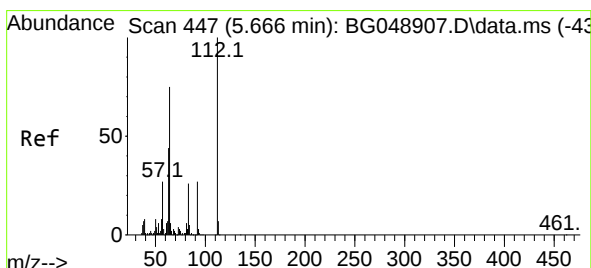
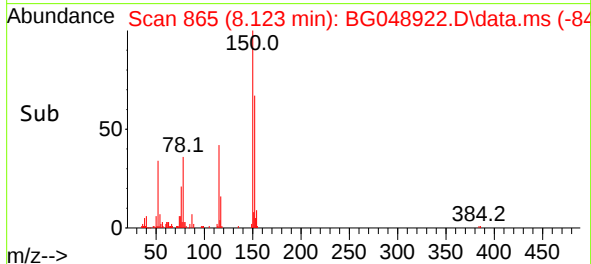
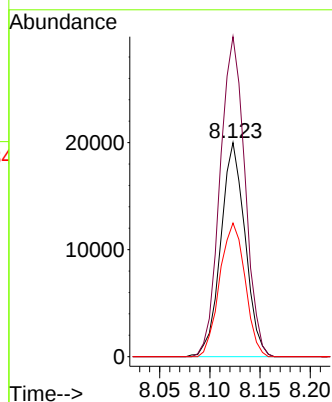
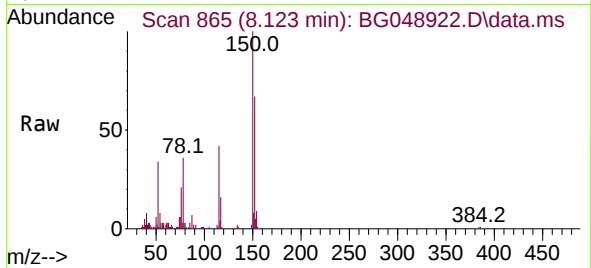




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

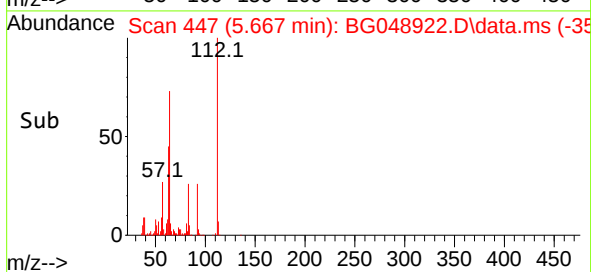
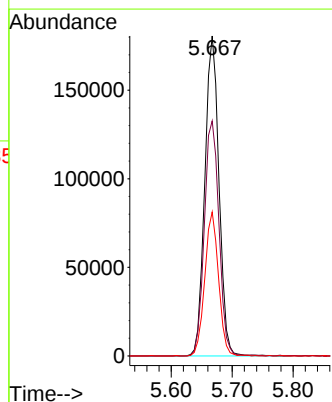
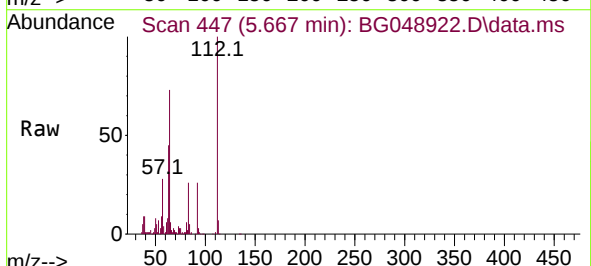
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

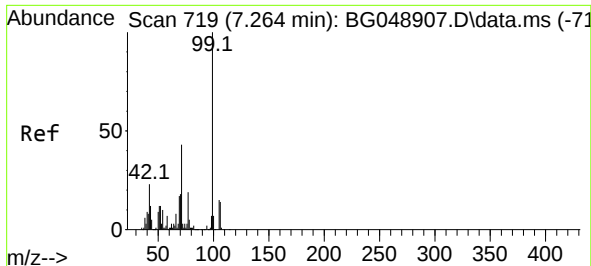
Tgt Ion:152 Resp: 33628
Ion Ratio Lower Upper
152 100
150 149.4 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 135.21 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:112 Resp: 292090
Ion Ratio Lower Upper
112 100
64 73.5 46.7 70.1#
63 45.0 35.3 52.9

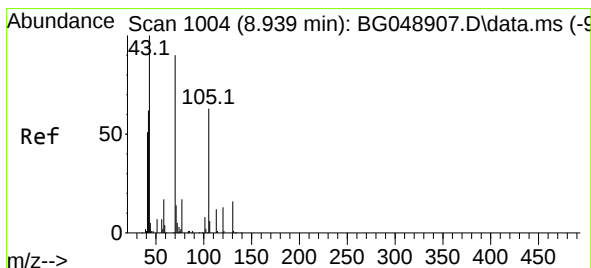
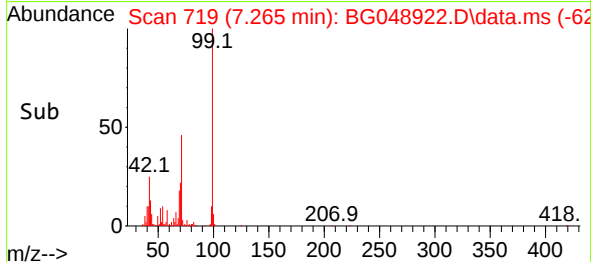
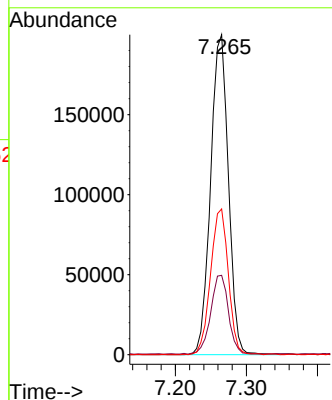
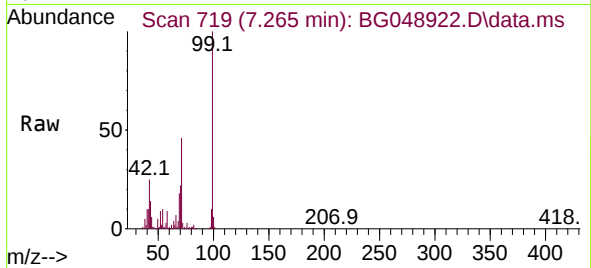




#7
Phenol-d6
Concen: 107.22 ng
RT: 7.265 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

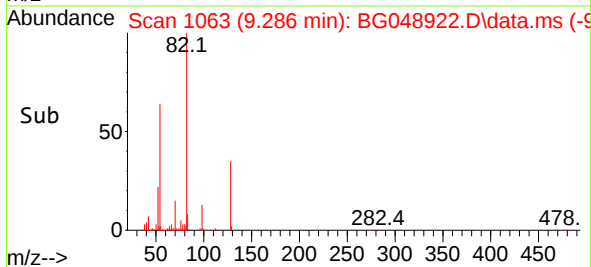
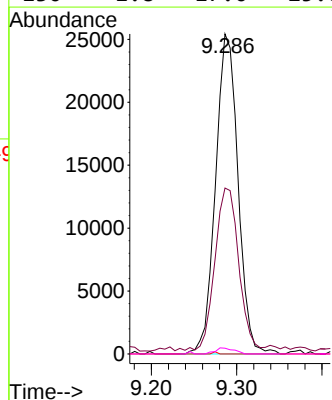
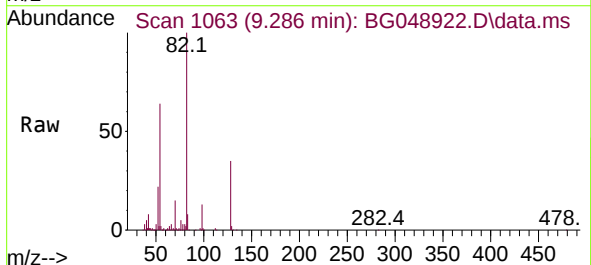
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

Tgt Ion: 99 Resp: 347152
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 45.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.39 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.348 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion: 70 Resp: 46532
Ion Ratio Lower Upper
70 100
42 51.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

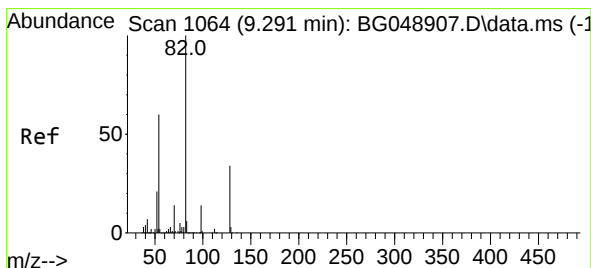
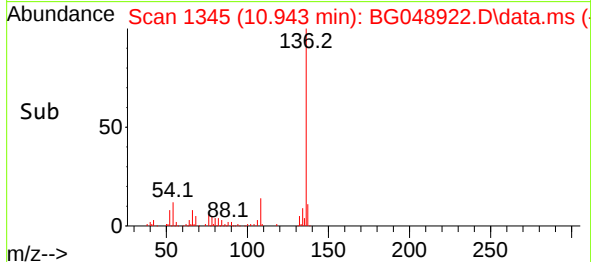
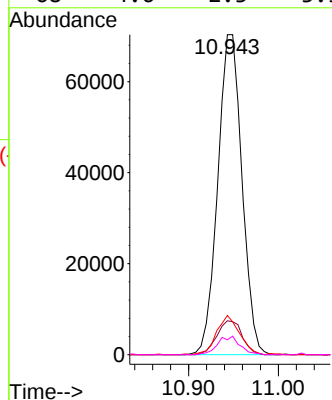
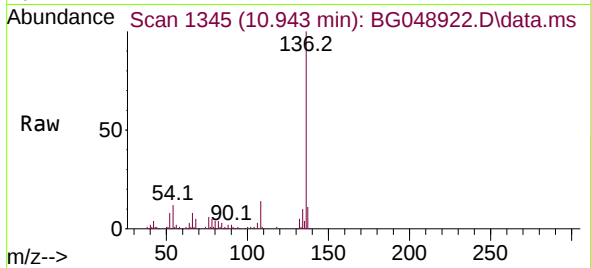




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

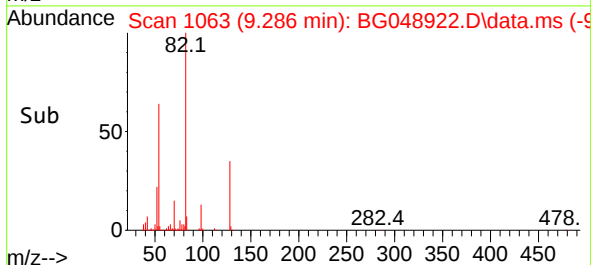
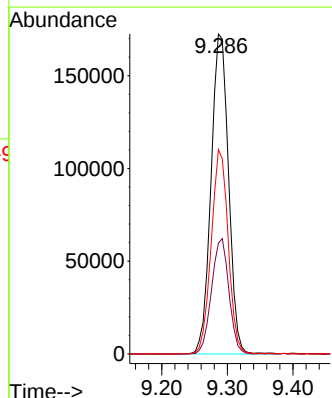
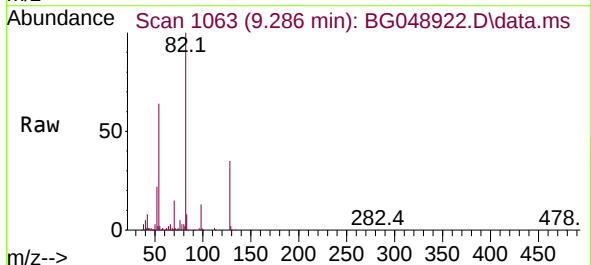
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

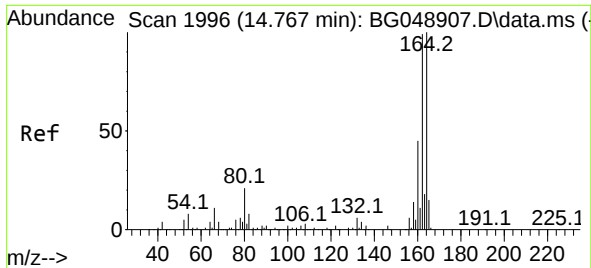
Tgt Ion:	136	Resp:	131701
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.2
54	12.3	5.5	8.3#
68	4.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 104.51 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:	82	Resp:	319203
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.8	44.6
54	63.9	45.8	68.8

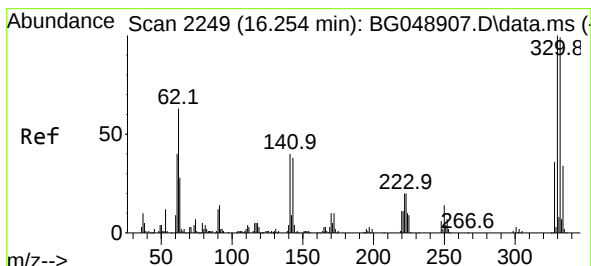
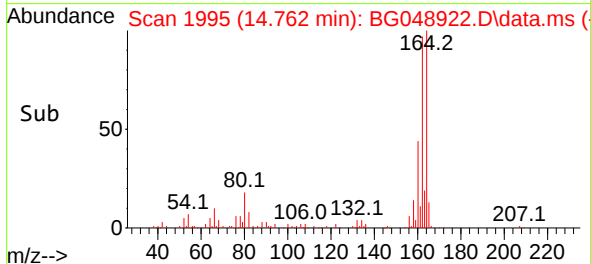
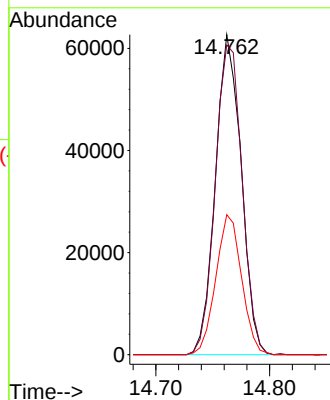
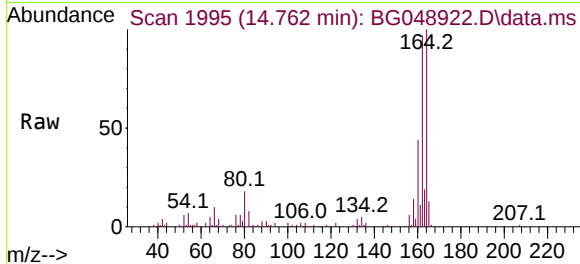




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

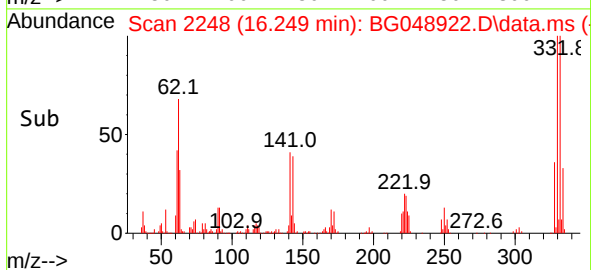
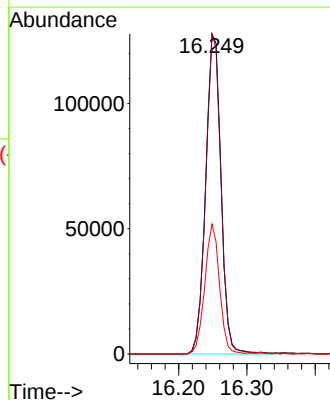
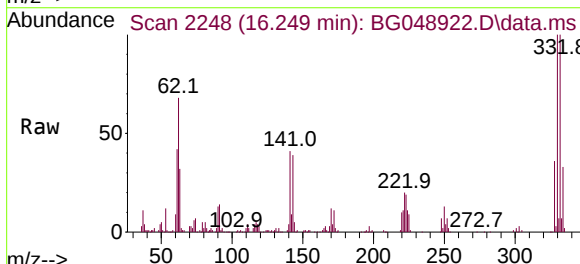
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

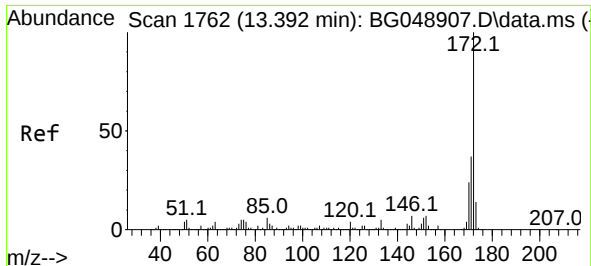
Tgt Ion:164 Resp: 98851
Ion Ratio Lower Upper
164 100
162 96.8 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 136.53 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:330 Resp: 199956
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 39.0 35.6 53.4

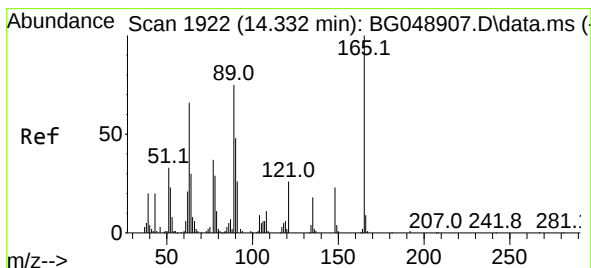
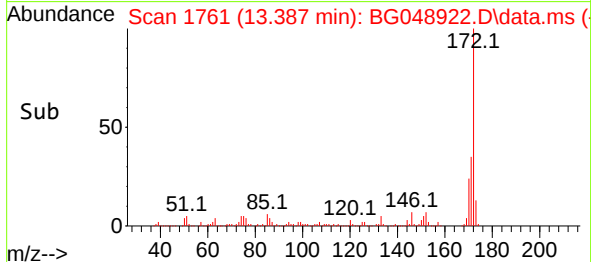
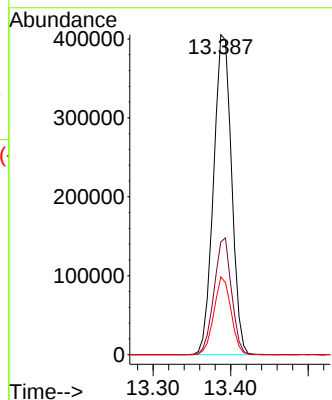
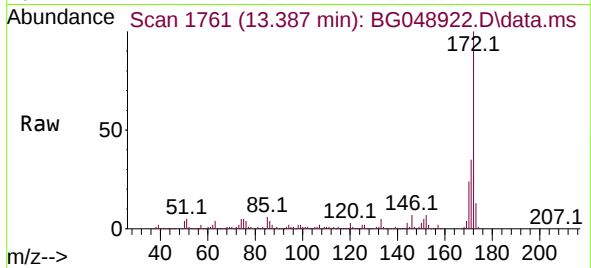




#45
2-Fluorobiphenyl
Concen: 93.70 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

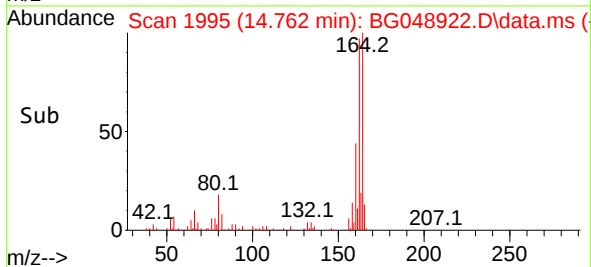
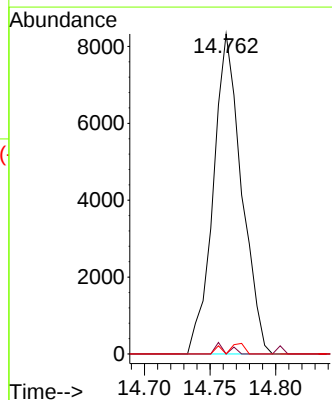
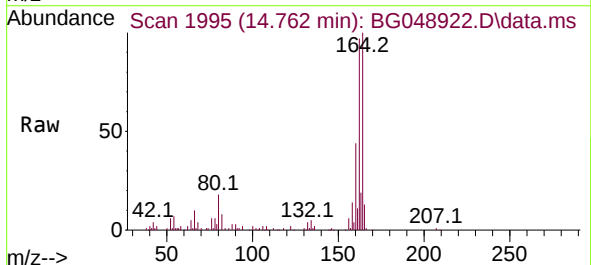
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

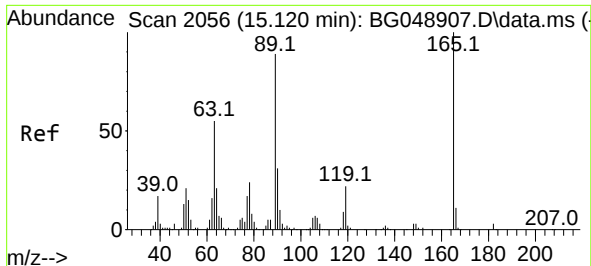
Tgt Ion:172 Resp: 655690
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

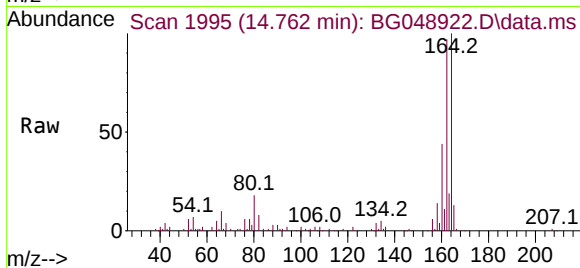
Tgt Ion:165 Resp: 12491
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



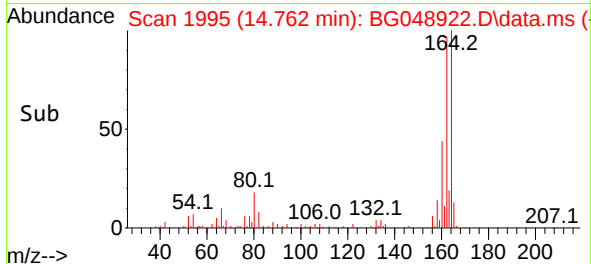
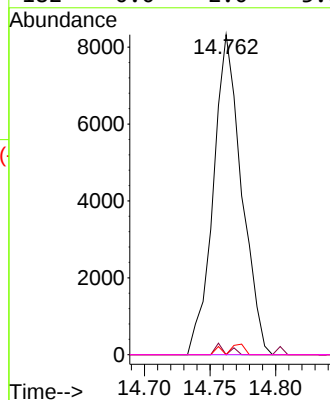


#57
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

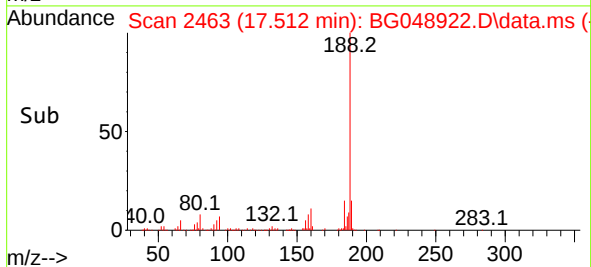
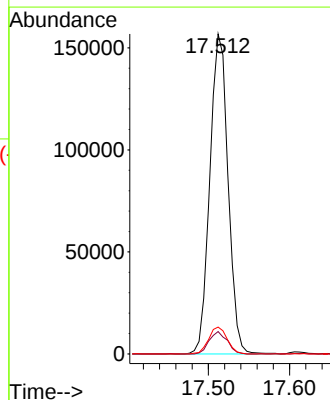
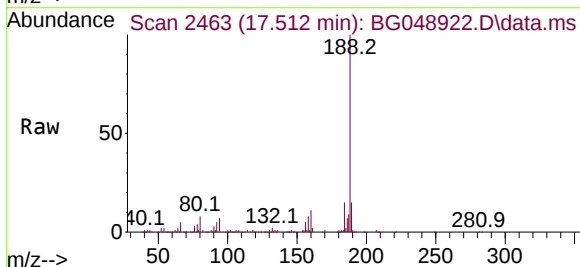


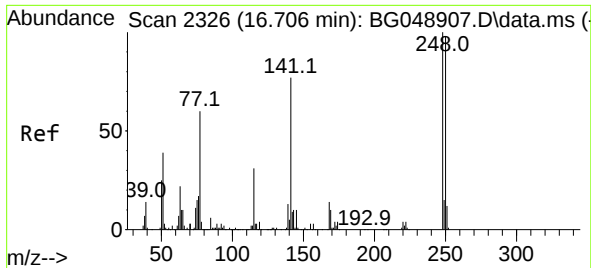
Tgt Ion:165 Resp: 12491
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:188 Resp: 243994
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.4 3.7 5.5#

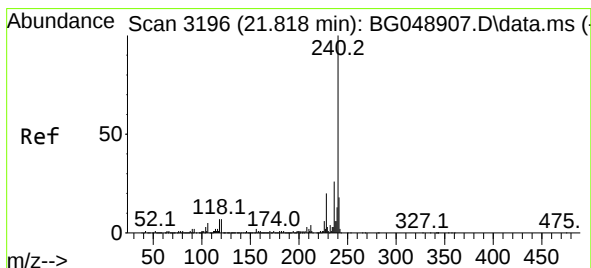
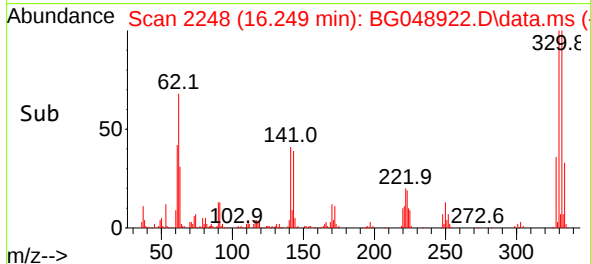
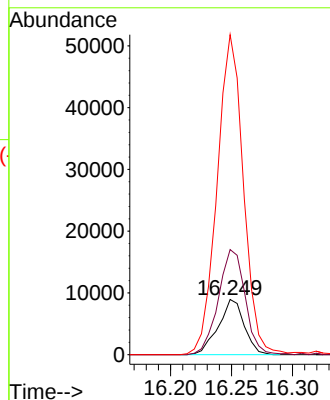
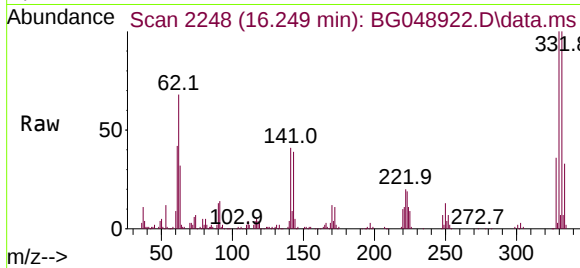




#67
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.457 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

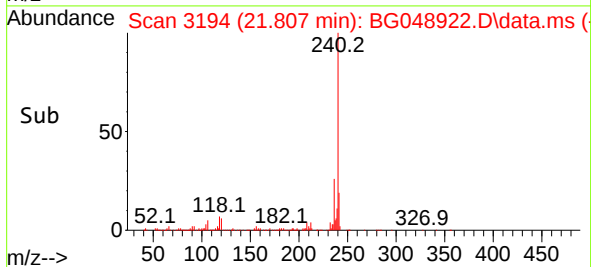
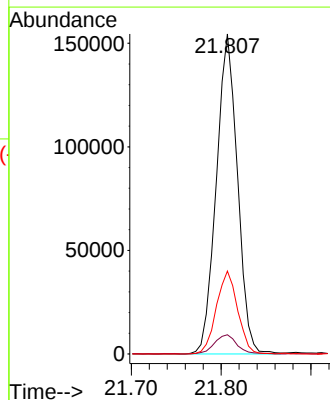
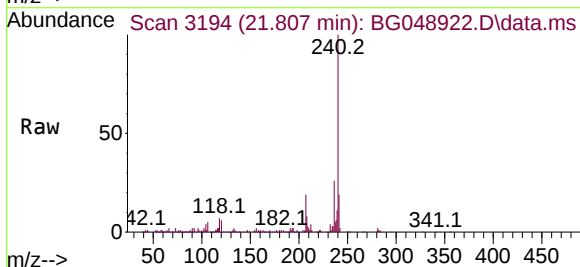
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

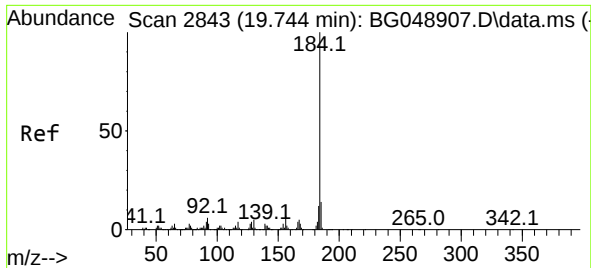
Tgt Ion:248 Resp: 13210
Ion Ratio Lower Upper
248 100
250 190.6 76.1 114.1#
141 580.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:240 Resp: 252657
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 25.9 21.8 32.6

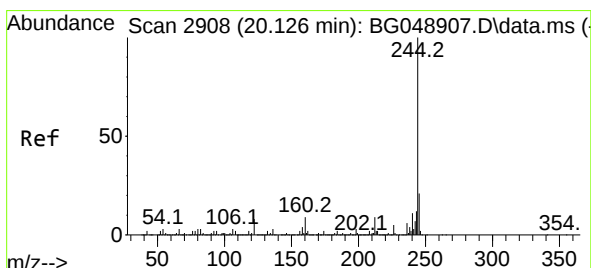
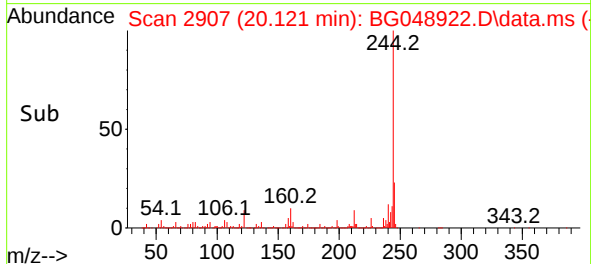
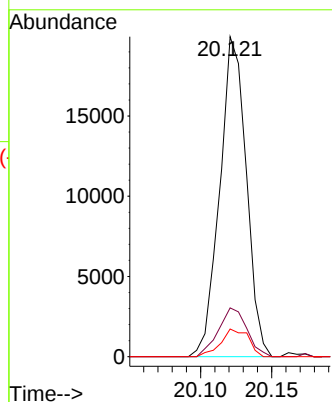
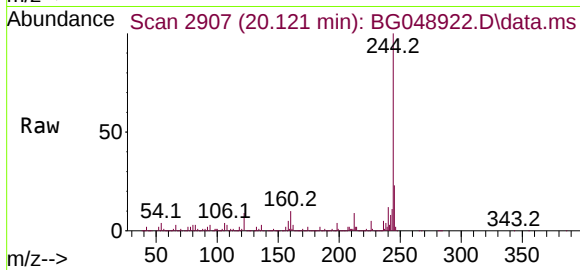




#77
Benzidine
Concen: 5.09 ng
RT: 20.121 min Scan# 2907
Delta R.T. 0.377 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

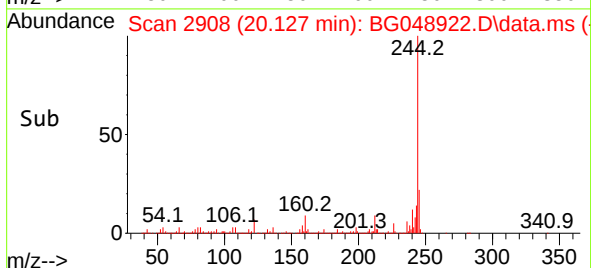
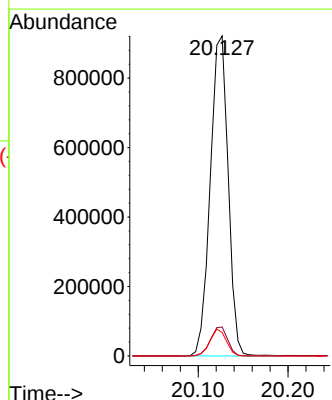
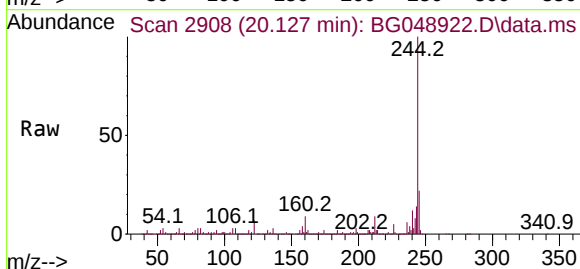
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

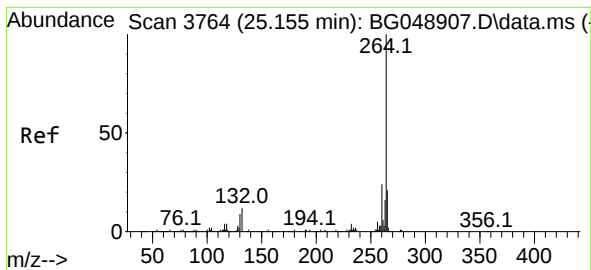
Tgt Ion:184 Resp: 25892
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 8.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.42 ng
RT: 20.127 min Scan# 2908
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

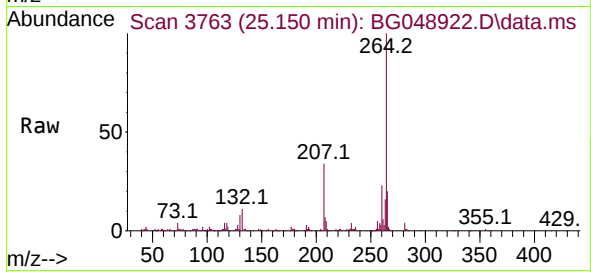
Tgt Ion:244 Resp: 1275046
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 7.4 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.150 min Scan# 3763
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)



Tgt Ion:264	Resp: 246141
Ion Ratio	Lower Upper
264	100
260	23.5 19.4 29.2
265	20.5 16.9 25.3

