

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049081.D
 Acq On : 24 Jun 2021 16:10
 Operator : CG/JU
 Sample : M2795-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1GW

Quant Time: Jun 24 18:04:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

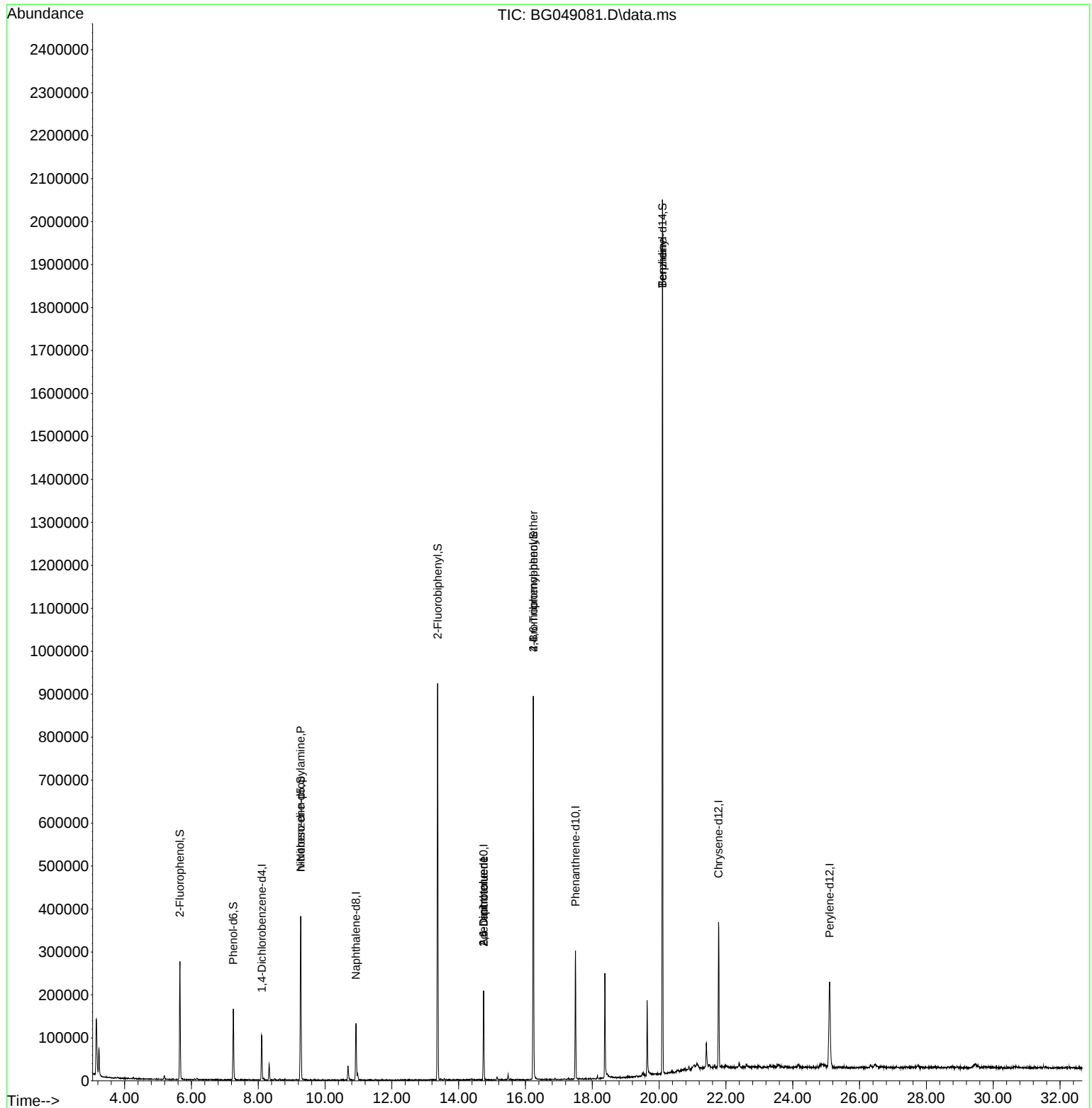
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	28140	20.000	ng	# 0.00
21) Naphthalene-d8	10.928	136	108131	20.000	ng	# 0.00
39) Acenaphthene-d10	14.747	164	78060	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	183874	20.000	ng	# 0.00
76) Chrysene-d12	21.780	240	218259	20.000	ng	0.00
86) Perylene-d12	25.105	264	231328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	106524	58.928	ng	0.00
7) Phenol-d6	7.256	99	84594	31.223	ng	0.00
23) Nitrobenzene-d5	9.271	82	222743	88.824	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	178079	153.980	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	464295	84.024	ng	0.00
79) Terphenyl-d14	20.105	244	986947	82.815	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	33658	15.893	ng	# 72
51) 2,6-Dinitrotoluene	14.747	165	9614	7.764	ng	# 14
57) 2,4-Dinitrotoluene	14.747	165	9614	6.321	ng	# 19
67) 4-Bromophenyl-phenylether	16.233	248	10341	4.504	ng	# 1
77) Benzidine	20.100	184	18932	4.306	ng	# 87

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

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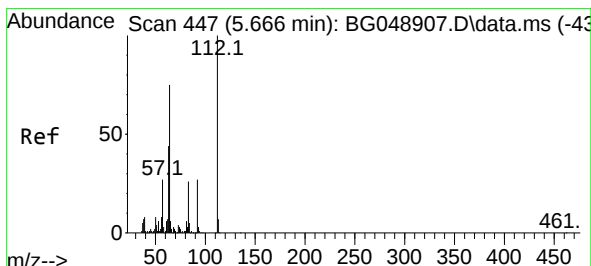
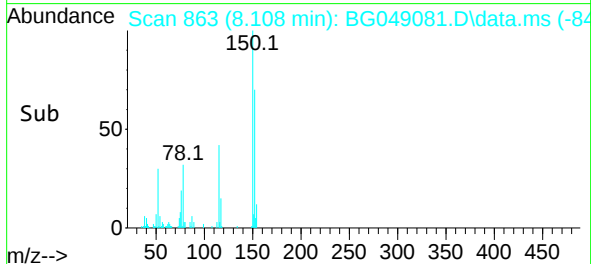
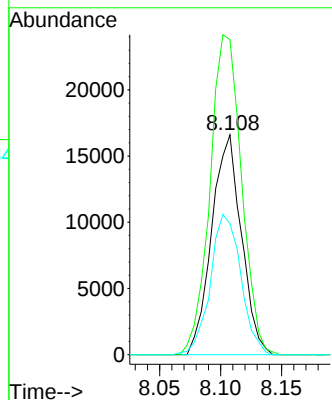
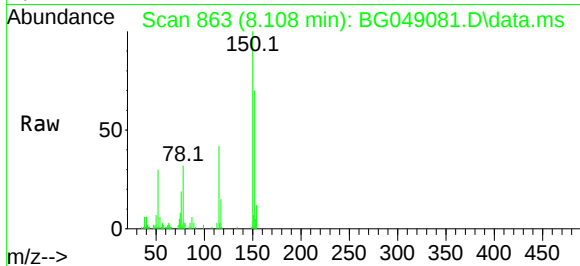




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

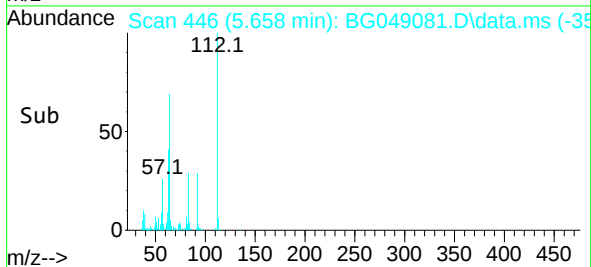
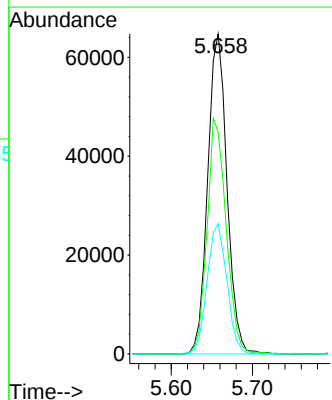
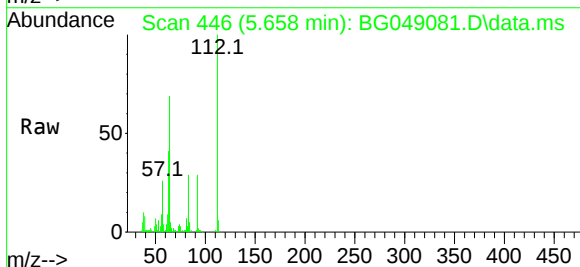
Instrument :
BNA_G
ClientSampleId :
B1GW

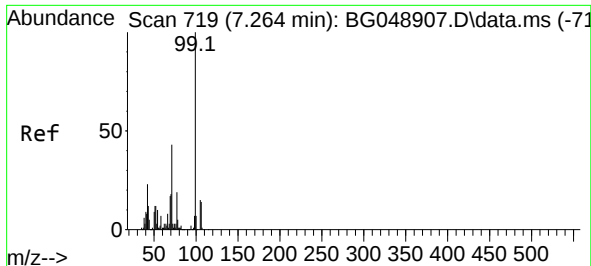
Tgt Ion:152 Resp: 28140
Ion Ratio Lower Upper
152 100
150 143.3 119.4 179.0
115 59.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 58.928 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.002 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion:112 Resp: 106524
Ion Ratio Lower Upper
112 100
64 69.3 46.7 70.1
63 40.8 35.3 52.9

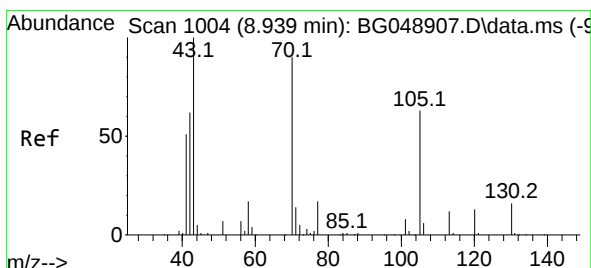
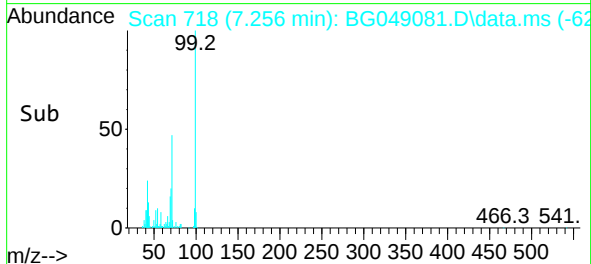
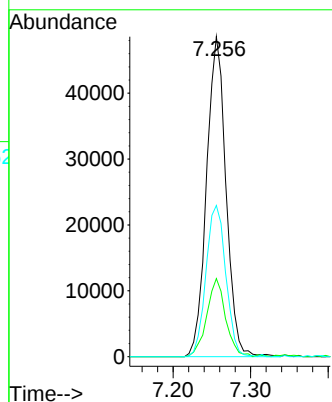
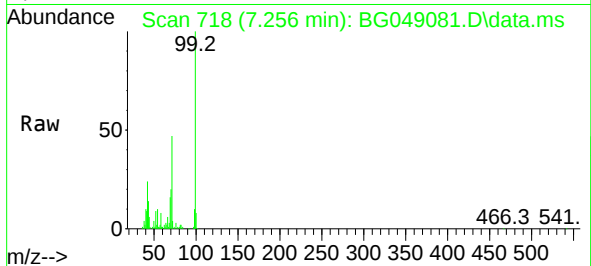




#7
Phenol-d6
Concen: 31.223 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

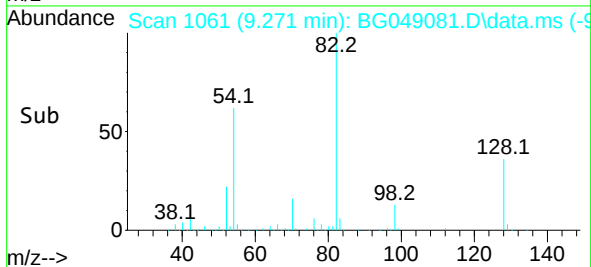
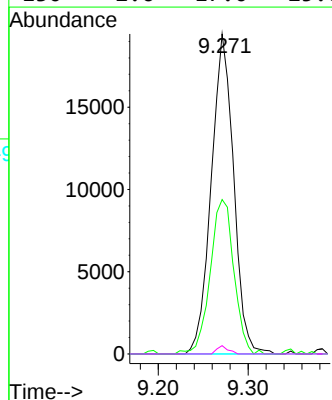
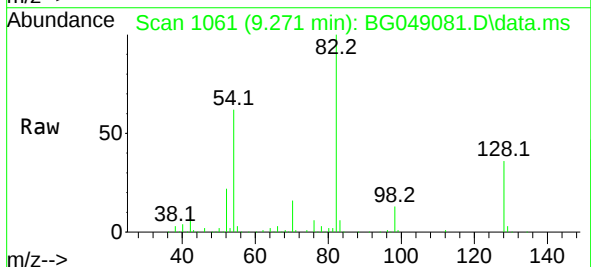
Instrument :
BNA_G
ClientSampleId :
B1GW

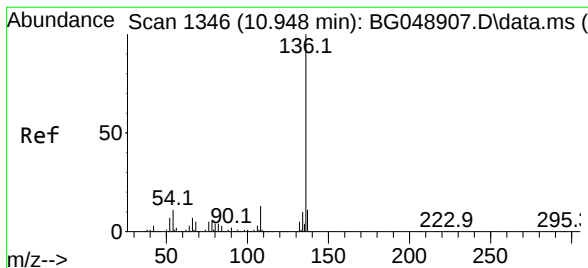
Tgt Ion: 99 Resp: 84594
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 47.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.893 ng
RT: 9.271 min Scan# 1061
Delta R.T. 0.361 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion: 70 Resp: 33658
Ion Ratio Lower Upper
70 100
42 48.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.6 17.0 25.6#

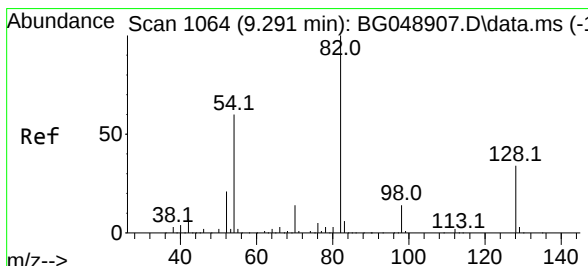
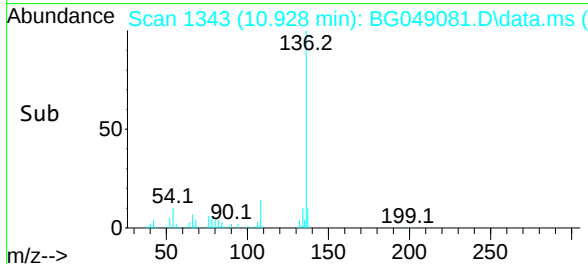
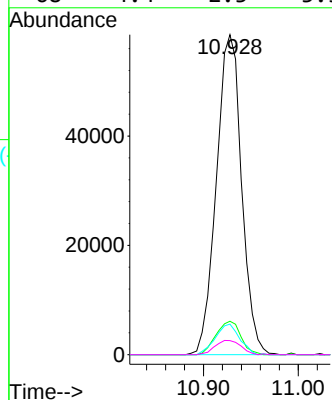
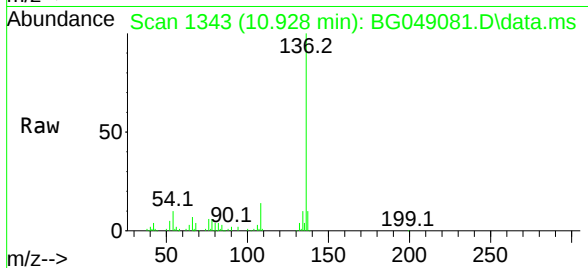




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1343
Delta R.T. 0.002 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

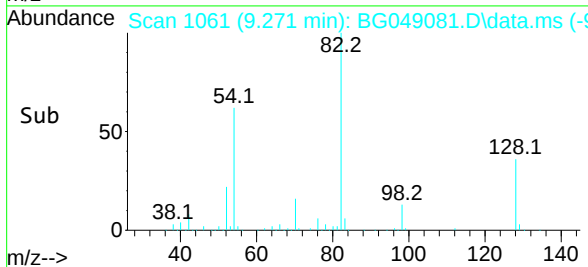
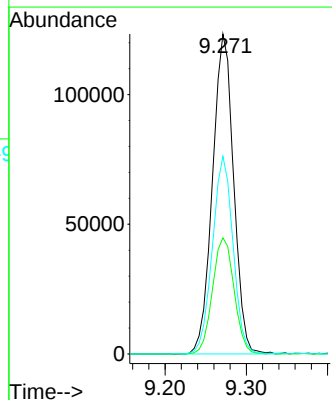
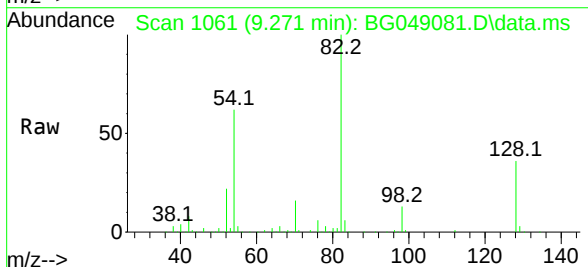
Instrument :
BNA_G
ClientSampleId :
B1GW

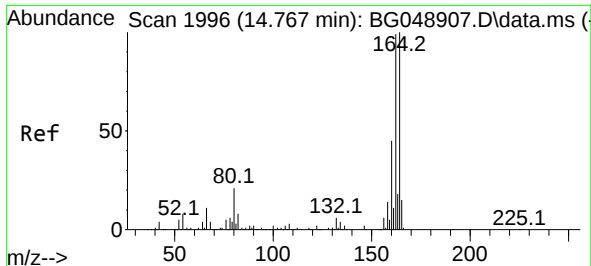
Tgt Ion:	136	Resp:	108131
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	9.5	5.5	8.3#
68	4.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 88.824 ng
RT: 9.271 min Scan# 1061
Delta R.T. -0.004 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion:	82	Resp:	222743
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.8	44.6
54	61.7	45.8	68.8

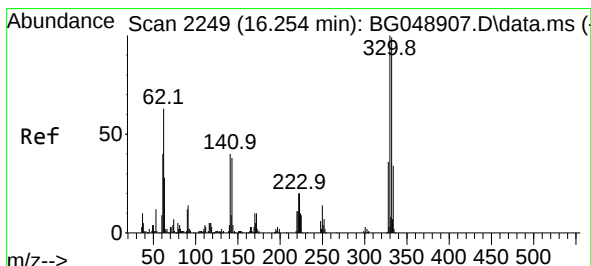
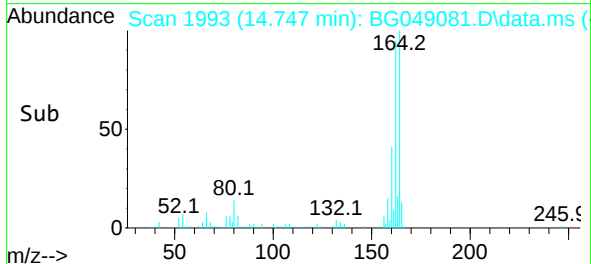
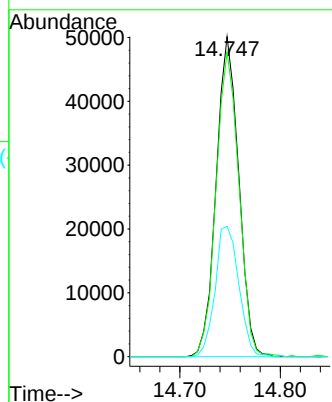
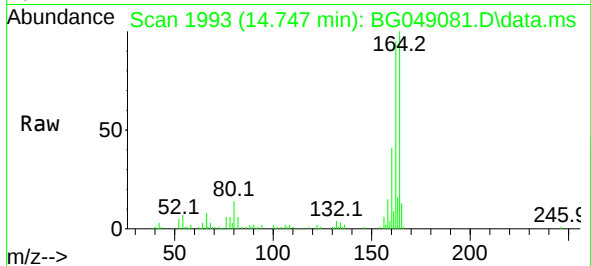




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

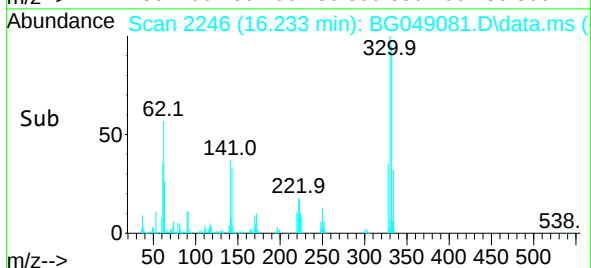
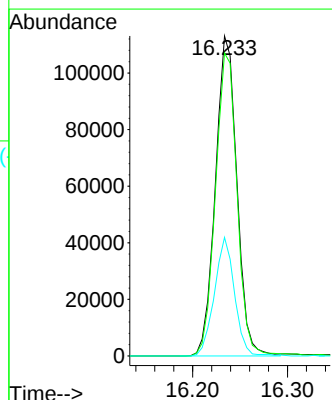
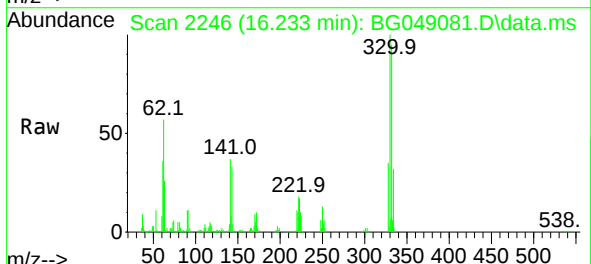
Instrument :
BNA_G
ClientSampleId :
B1GW

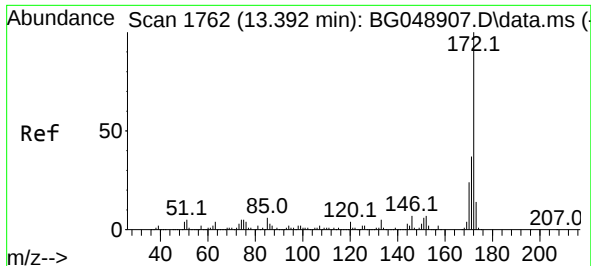
Tgt Ion:164 Resp: 78060
Ion Ratio Lower Upper
164 100
162 95.2 81.4 122.0
160 40.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 153.980 ng
RT: 16.233 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

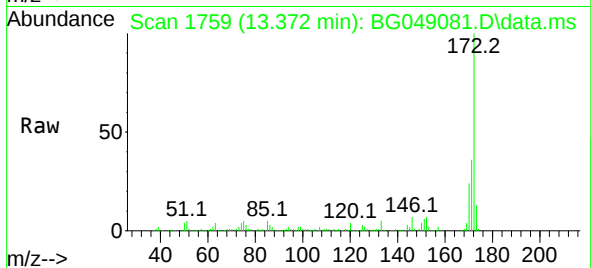
Tgt Ion:330 Resp: 178079
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 34.7 35.6 53.4#



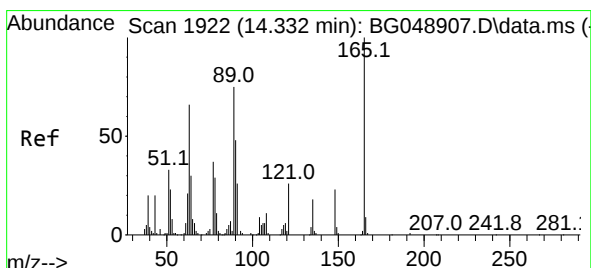
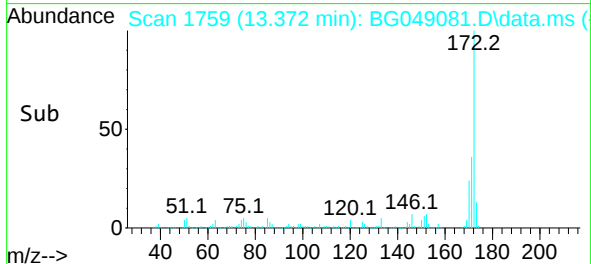
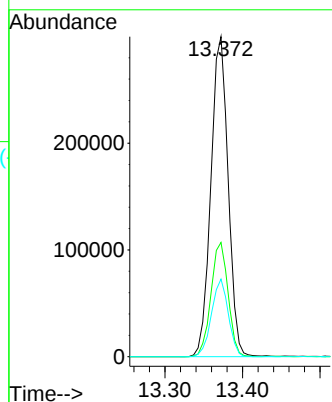


#45
2-Fluorobiphenyl
Concen: 84.024 ng
RT: 13.372 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Instrument :
BNA_G
ClientSampleId :
B1GW

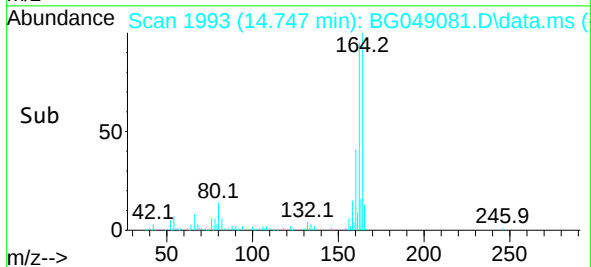
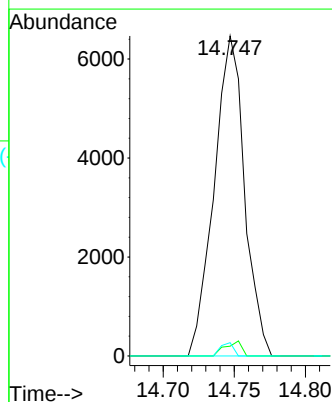
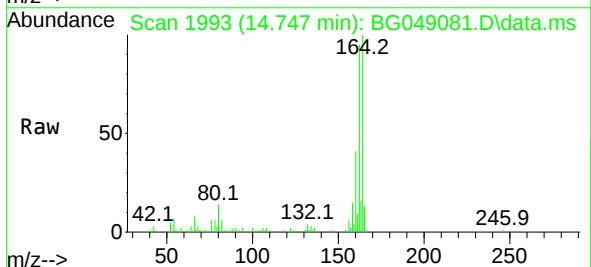


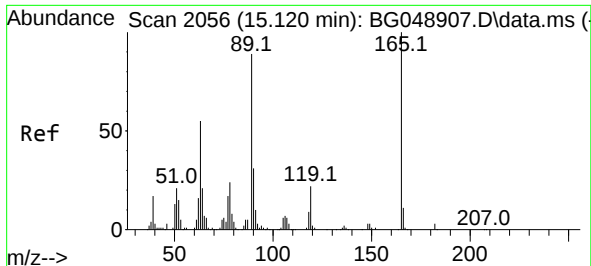
Tgt Ion:172 Resp: 464295
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.764 ng
RT: 14.747 min Scan# 1993
Delta R.T. 0.431 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion:165 Resp: 9614
Ion Ratio Lower Upper
165 100
63 3.0 63.3 94.9#
89 4.2 63.4 95.0#

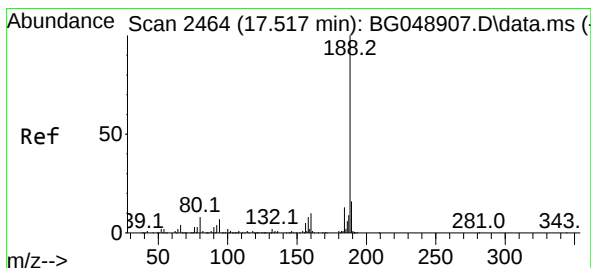
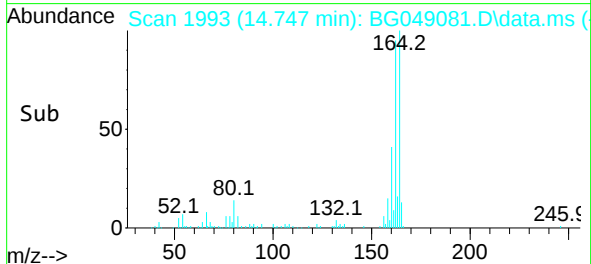
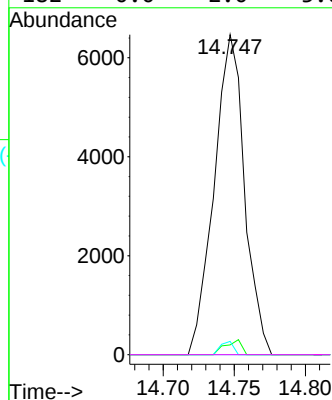
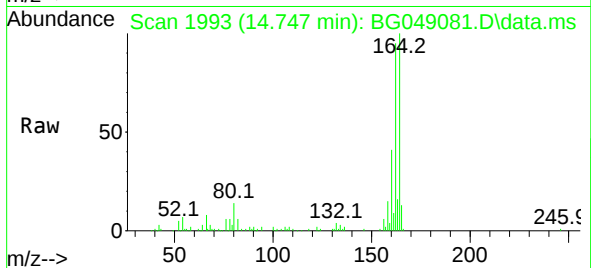




#57
2,4-Dinitrotoluene
Concen: 6.321 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.356 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

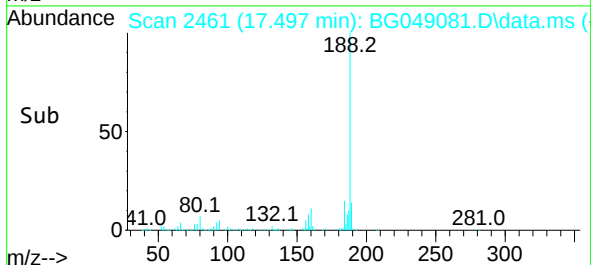
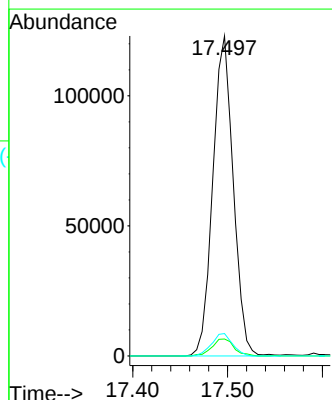
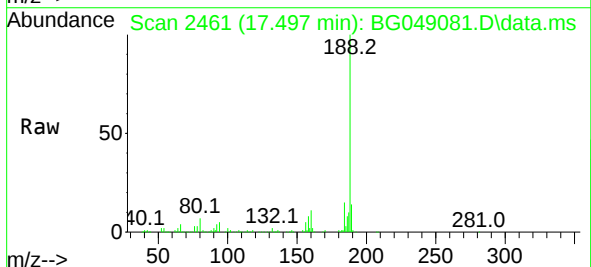
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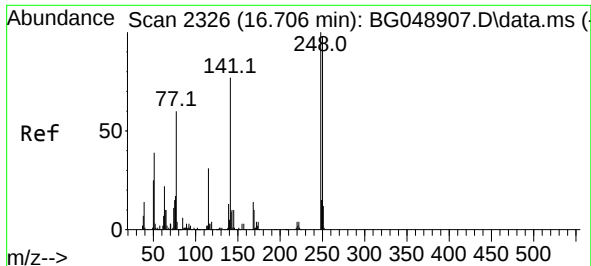
Tgt Ion:165 Resp: 9614
Ion Ratio Lower Upper
165 100
63 3.0 48.0 72.0#
89 4.2 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion:188 Resp: 183874
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 7.0 3.7 5.5#

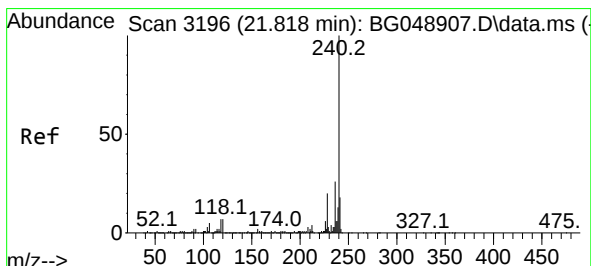
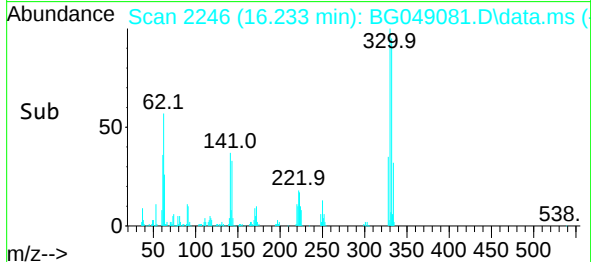
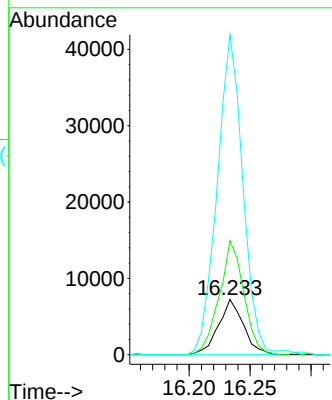
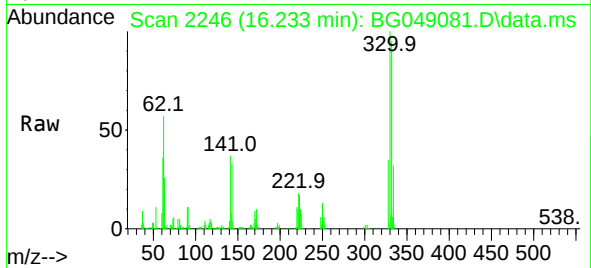




#67
4-Bromophenyl-phenylether
Concen: 4.504 ng
RT: 16.233 min Scan# 2246
Delta R.T. -0.450 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

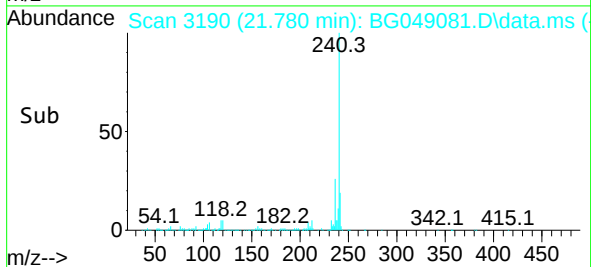
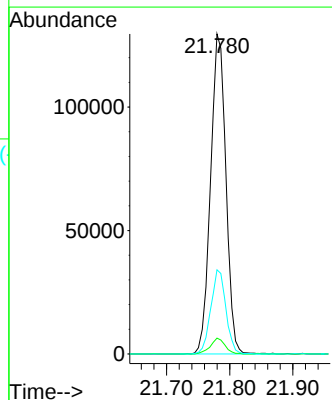
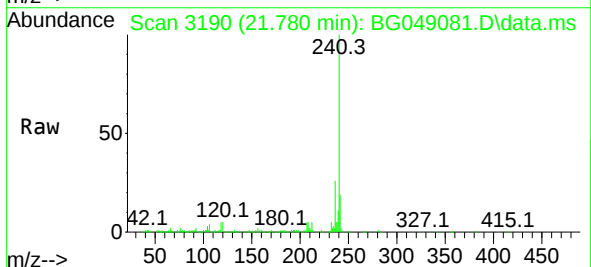
Instrument :
BNA_G
ClientSampleId :
B1GW

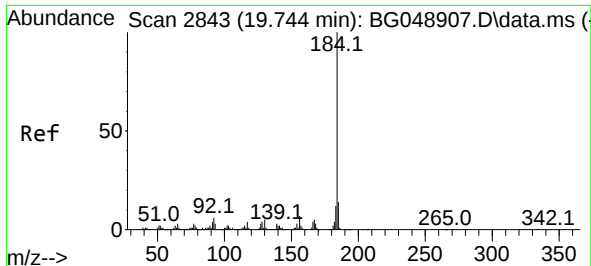
Tgt Ion:248 Resp: 10341
Ion Ratio Lower Upper
248 100
250 206.4 76.1 114.1#
141 579.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.780 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion:240 Resp: 218259
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.3 21.8 32.6

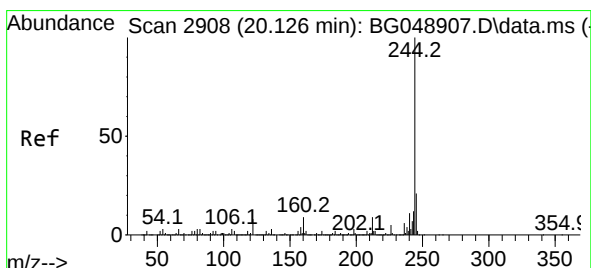
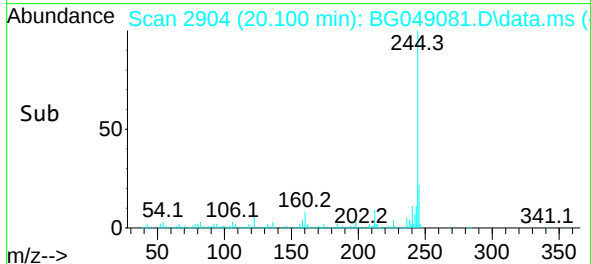
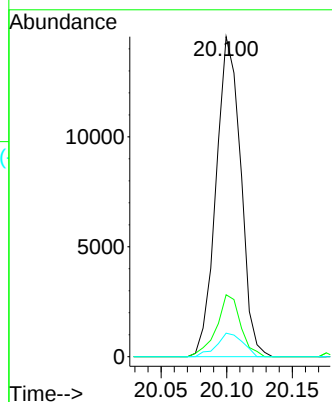
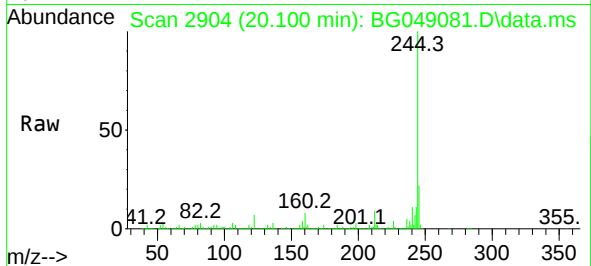




#77
Benzidine
Concen: 4.306 ng
RT: 20.100 min Scan# 2904
Delta R.T. 0.378 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

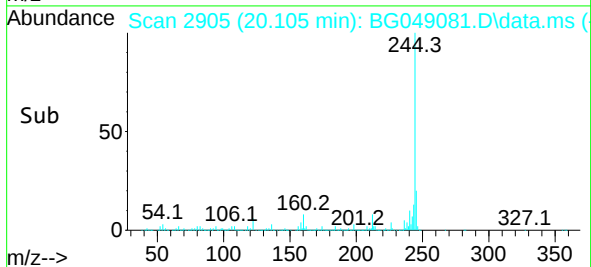
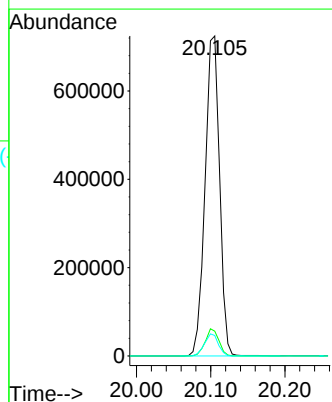
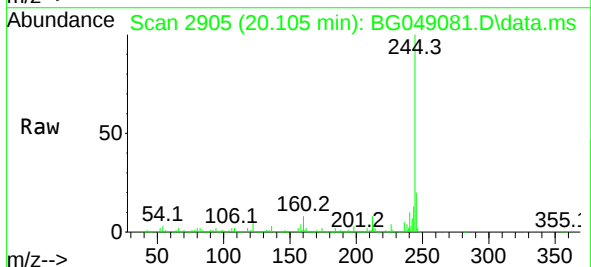
Instrument :
BNA_G
ClientSampleId :
B1GW

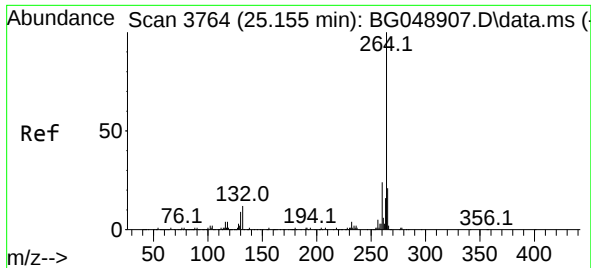
Tgt Ion:184 Resp: 18932
Ion Ratio Lower Upper
184 100
185 19.3 10.7 16.1#
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.815 ng
RT: 20.105 min Scan# 2905
Delta R.T. 0.002 min
Lab File: BG049081.D
Acq: 24 Jun 2021 16:10

Tgt Ion:244 Resp: 986947
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.105 min Scan# 3756
 Delta R.T. 0.002 min
 Lab File: BG049081.D
 Acq: 24 Jun 2021 16:10

Instrument :
 BNA_G
 ClientSampleId :
 B1GW

Tgt Ion:264 Resp: 231328
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 22.5 16.9 25.3

