

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048923.D
 Acq On : 12 Jun 2021 22:09
 Operator : CG/JU
 Sample : M2625-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(154-158)

Quant Time: Jun 14 03:17:36 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)

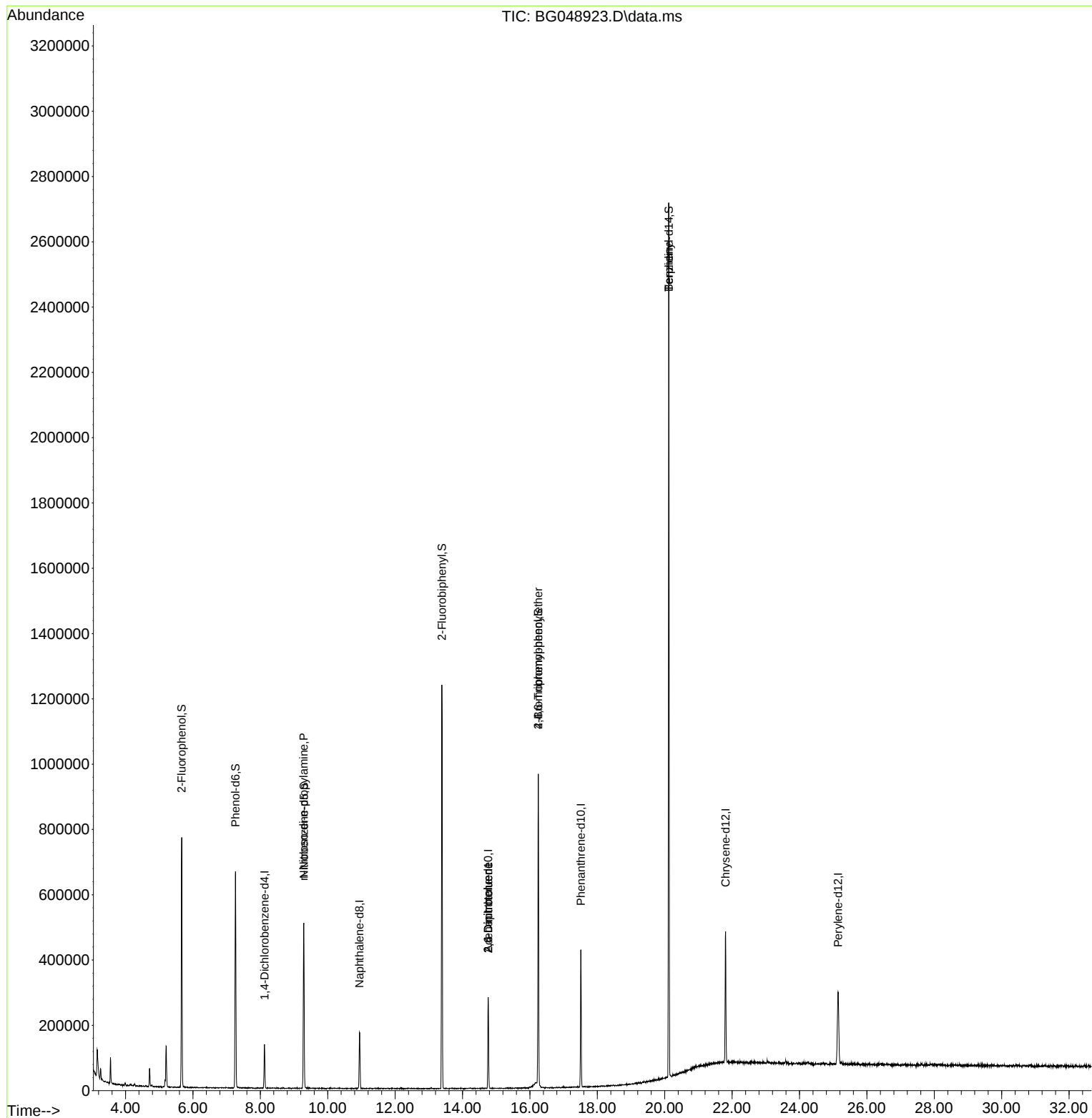
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	34877	20.00	ng	0.00
21) Naphthalene-d8	10.944	136	136585	20.00	ng	# 0.00
39) Acenaphthene-d10	14.763	164	102990	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	250380	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	257723	20.00	ng	-0.01
86) Perylene-d12	25.145	264	255808	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	279549	124.77	ng	0.00
7) Phenol-d6	7.266	99	338581	100.83	ng	0.00
23) Nitrobenzene-d5	9.293	82	304677	96.19	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	171387	112.32	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	627117	86.02	ng	0.00
79) Terphenyl-d14	20.121	244	1196861	85.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.287	70	45171	17.21	ng	# 74
51) 2,6-Dinitrotoluene	14.763	165	13753	8.42	ng	# 12
57) 2,4-Dinitrotoluene	14.763	165	13753	6.85	ng	# 17
67) 4-Bromophenyl-phenylether	16.249	248	10640	3.40	ng	# 1
77) Benzidine	20.121	184	23766	4.58	ng	# 96

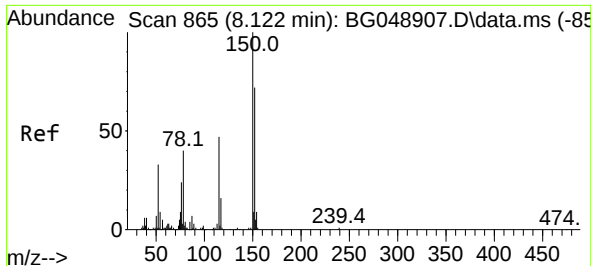
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048923.D
Acq On : 12 Jun 2021 22:09
Operator : CG/JU
Sample : M2625-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
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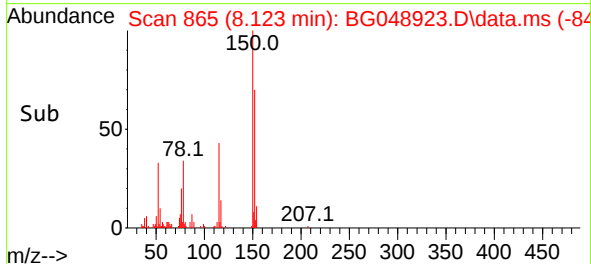
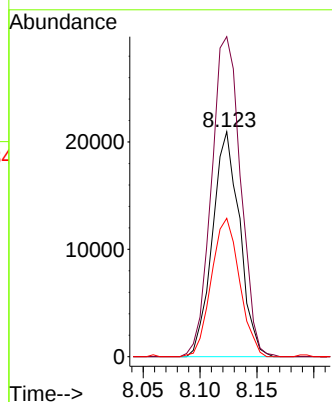
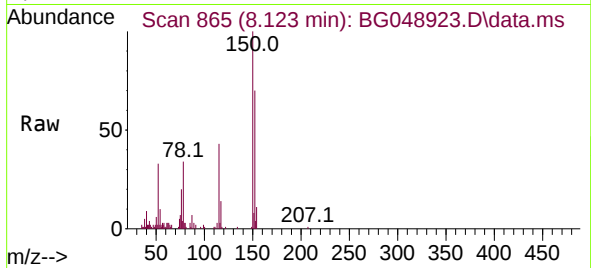




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

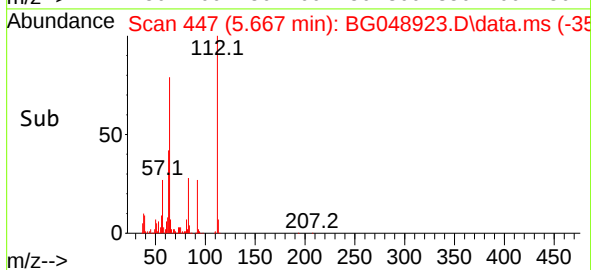
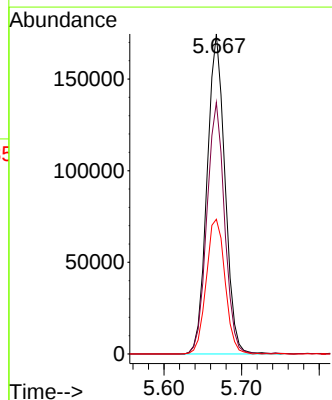
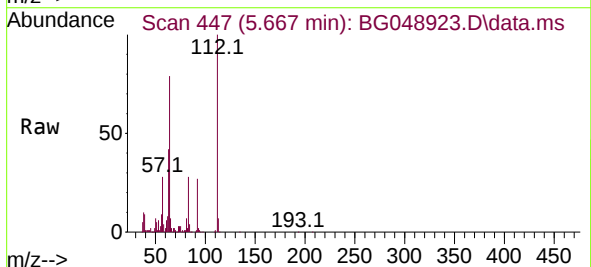
Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

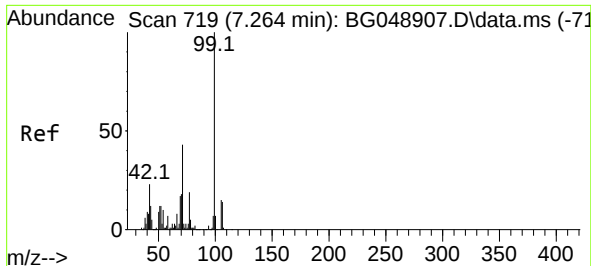
Tgt Ion:152 Resp: 34877
Ion Ratio Lower Upper
152 100
150 142.3 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 124.77 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Tgt Ion:112 Resp: 279549
Ion Ratio Lower Upper
112 100
64 78.6 46.7 70.1#
63 42.1 35.3 52.9

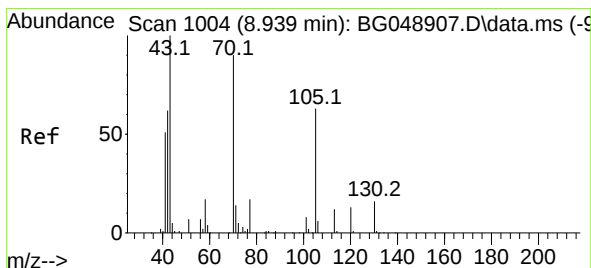
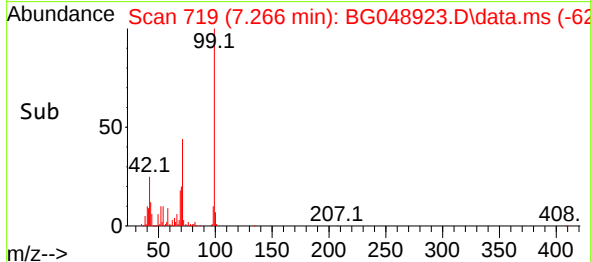
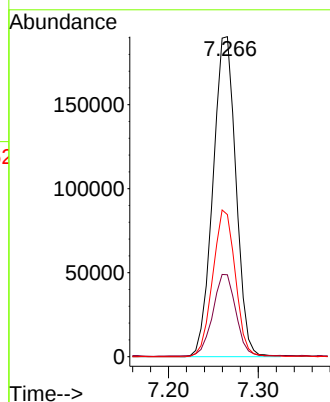
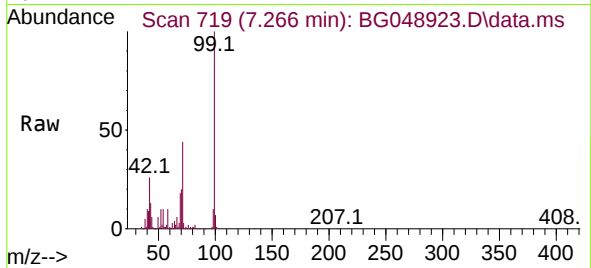




#7
Phenol-d6
Concen: 100.83 ng
RT: 7.266 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

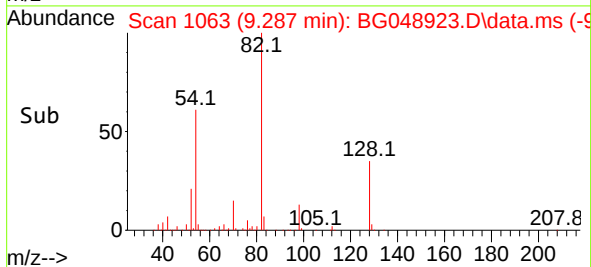
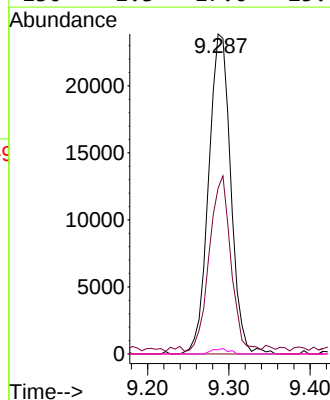
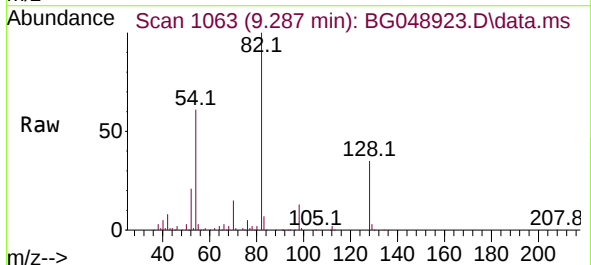
Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

Tgt Ion:	99	Resp:	338581
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.5	30.7
71	44.4	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.21 ng
RT: 9.287 min Scan# 1063
Delta R.T. 0.348 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Tgt Ion:	70	Resp:	45171
Ion	Ratio	Lower	Upper
70	100		
42	51.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#

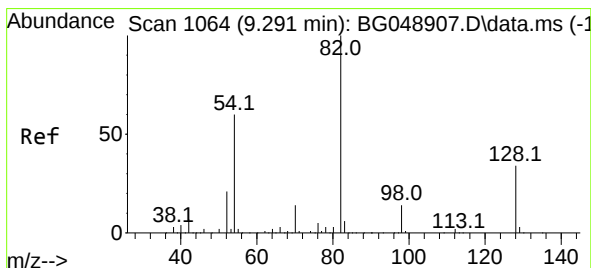
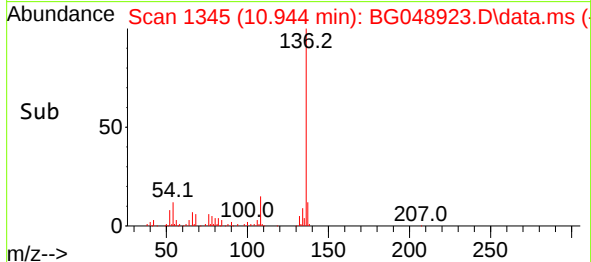
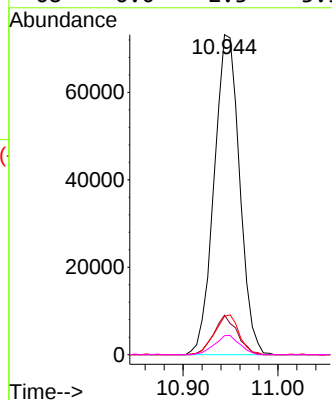
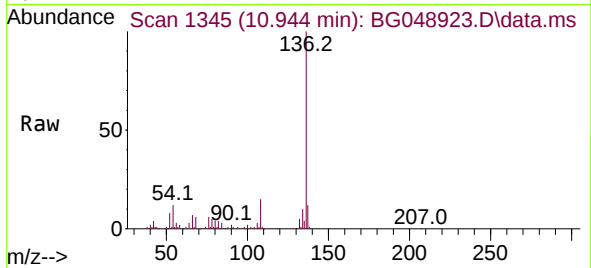




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.944 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

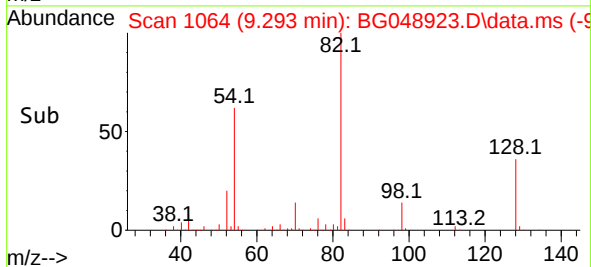
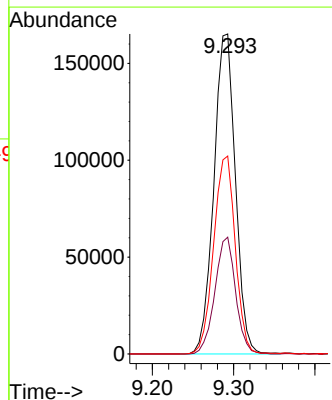
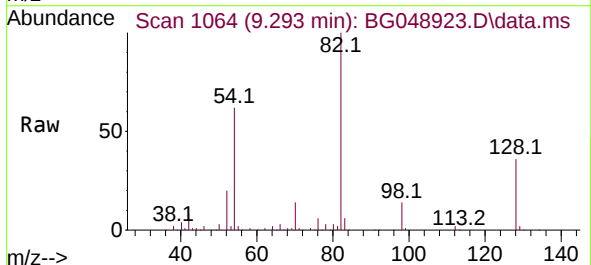
Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

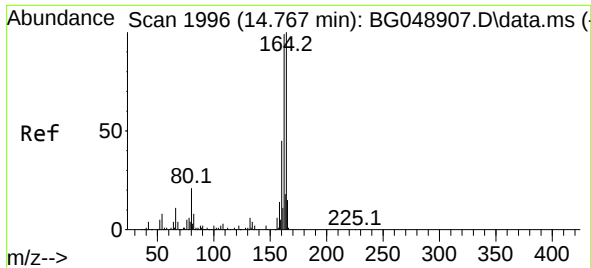
Tgt Ion:136	Resp:	136585
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.2 12.2#
54	12.0	5.5 8.3#
68	6.0	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 96.19 ng
RT: 9.293 min Scan# 1064
Delta R.T. 0.002 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Tgt Ion: 82	Resp:	304677
Ion Ratio	Lower	Upper
82	100	
128	36.5	29.8 44.6
54	61.9	45.8 68.8

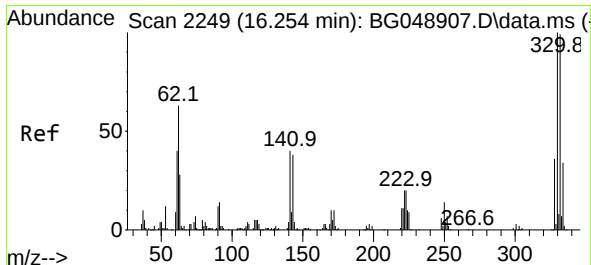
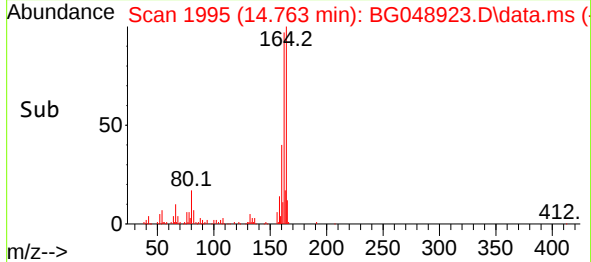
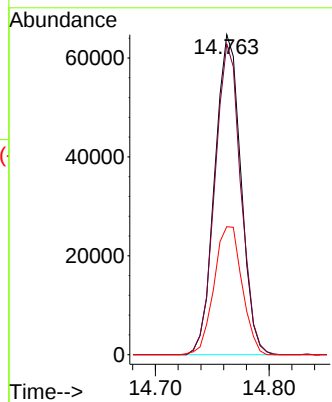
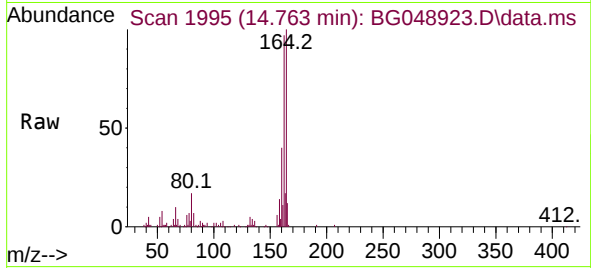




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

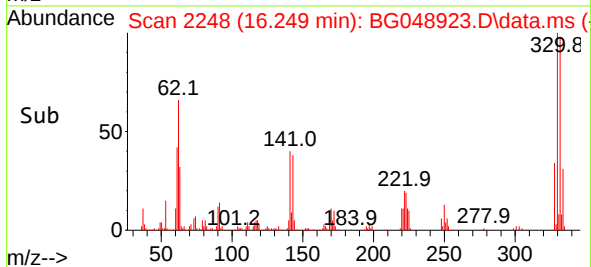
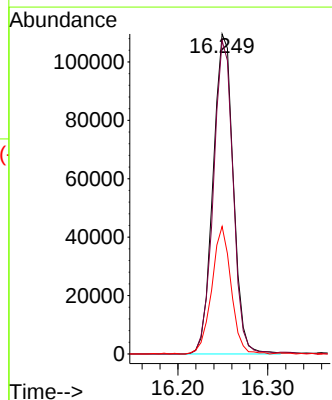
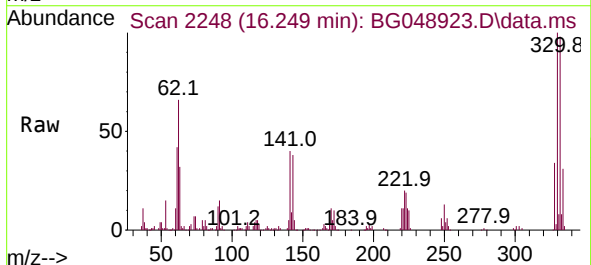
Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

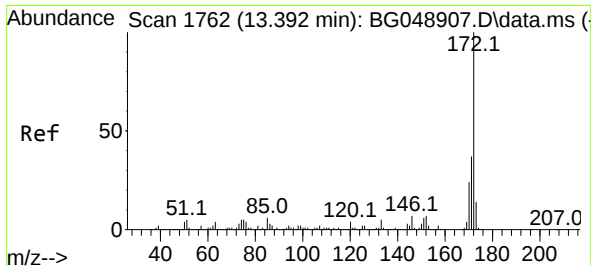
Tgt Ion:164 Resp: 102990
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 40.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 112.32 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

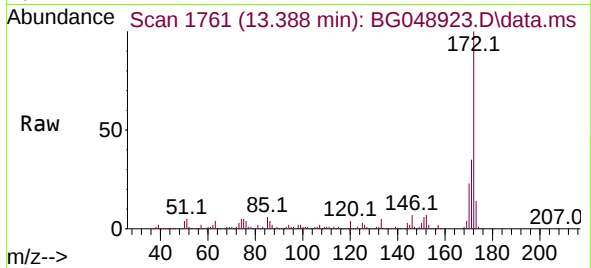
Tgt Ion:330 Resp: 171387
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 38.0 35.6 53.4



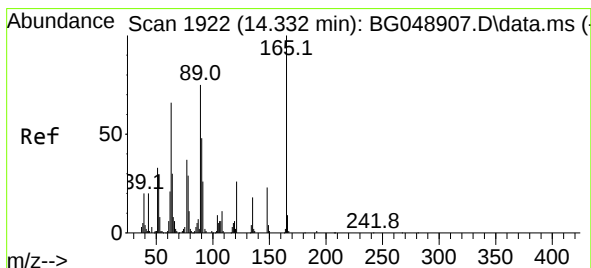
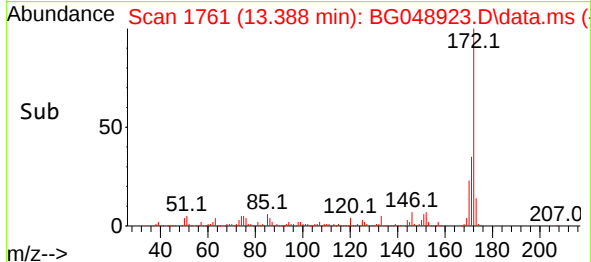
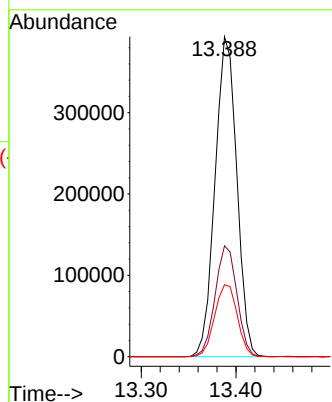


#45
2-Fluorobiphenyl
Concen: 86.02 ng
RT: 13.388 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

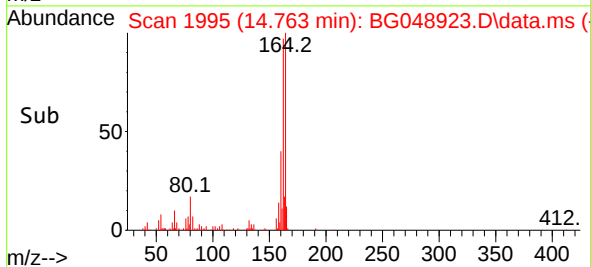
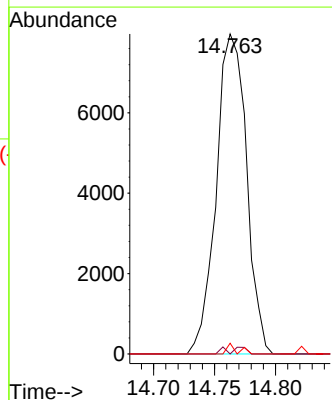
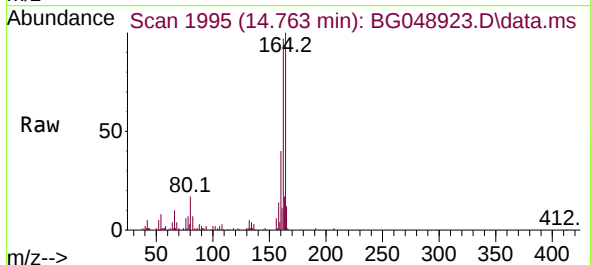


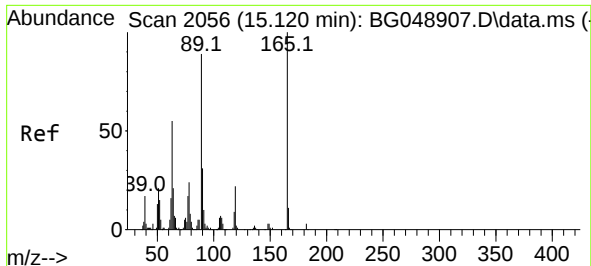
Tgt Ion:172 Resp: 627117
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.42 ng
RT: 14.763 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

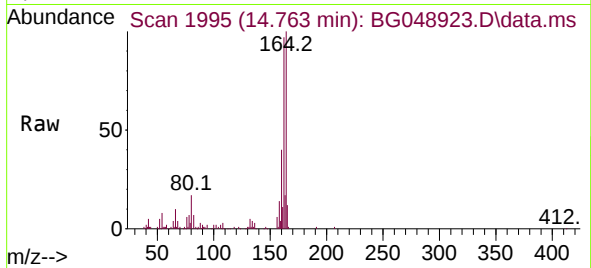
Tgt Ion:165 Resp: 13753
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.3 63.4 95.0#



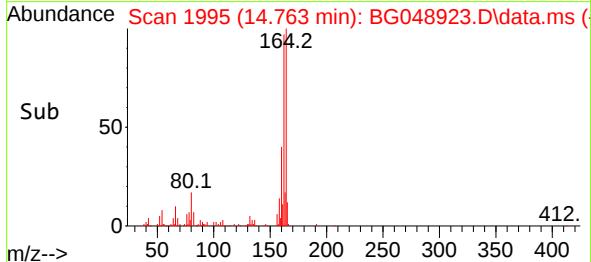
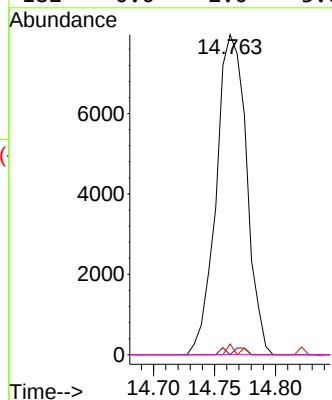


#57
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.357 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

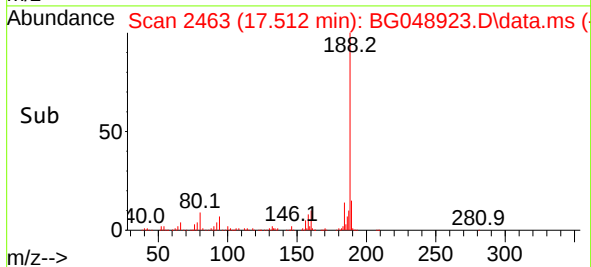
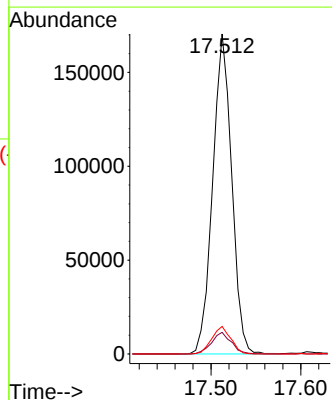
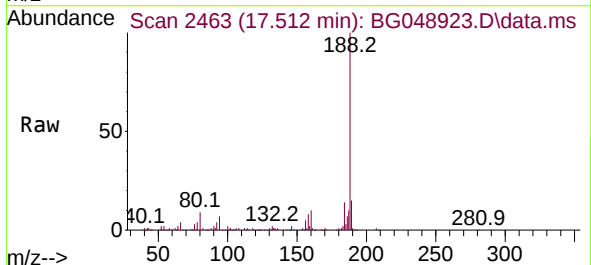


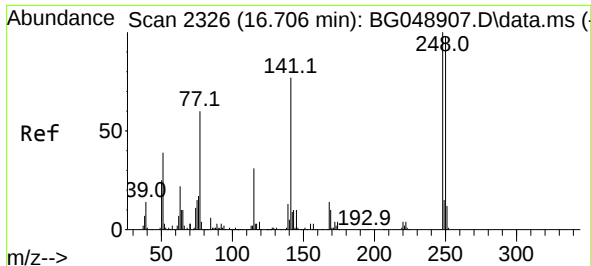
Tgt Ion:165 Resp: 13753
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.3 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Tgt Ion:188 Resp: 250380
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.6 3.7 5.5#

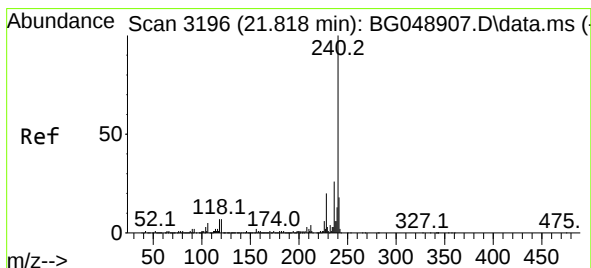
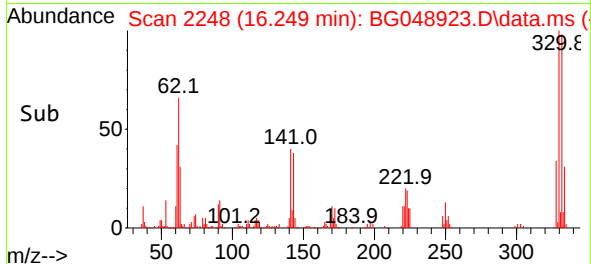
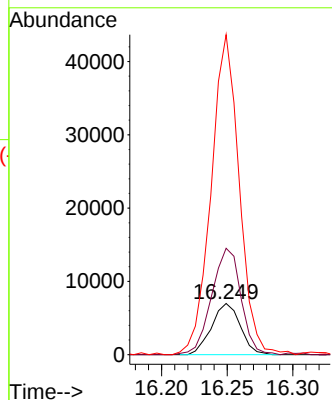
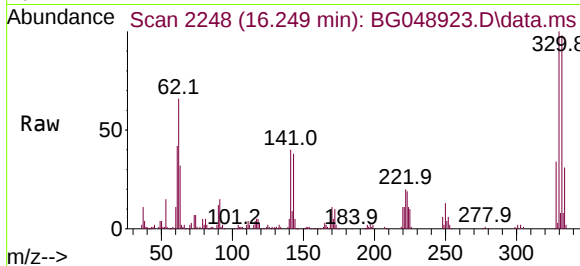




#67
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.457 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

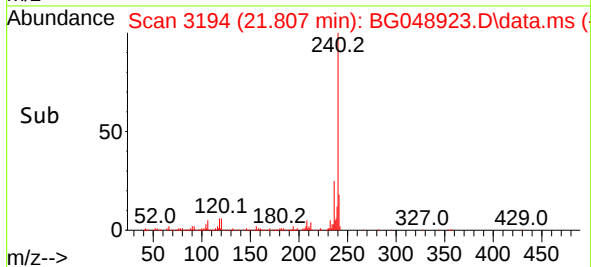
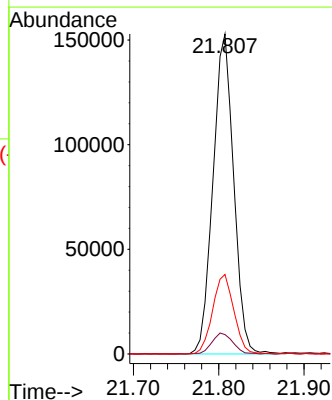
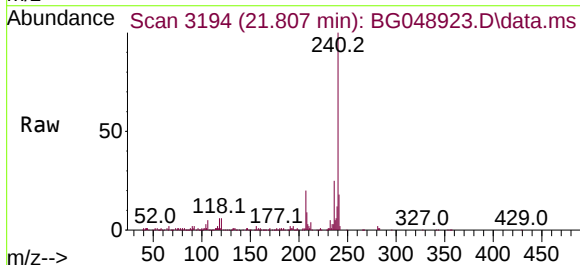
Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

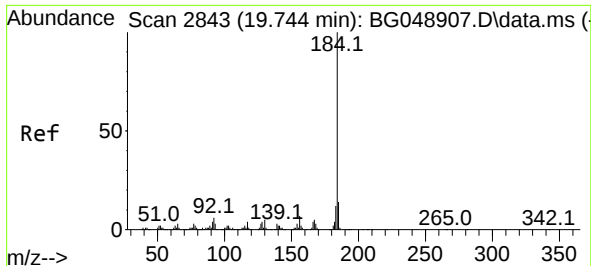
Tgt Ion:248 Resp: 10640
Ion Ratio Lower Upper
248 100
250 207.9 76.1 114.1#
141 624.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Tgt Ion:240 Resp: 257723
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.2
236 24.9 21.8 32.6

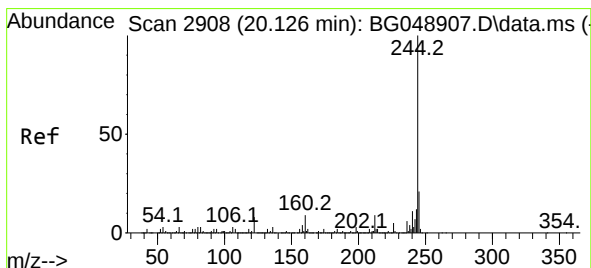
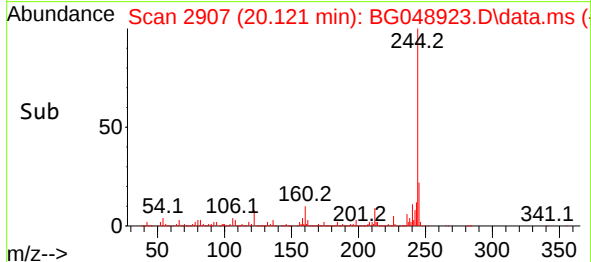
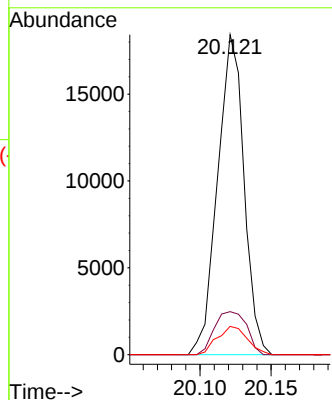
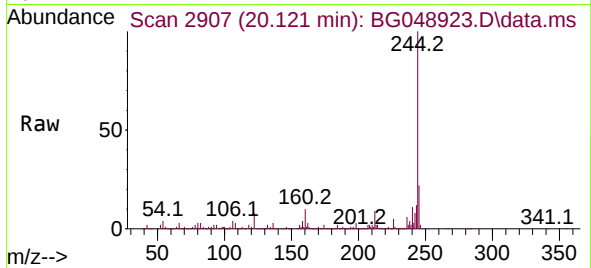




#77
Benzidine
Concen: 4.58 ng
RT: 20.121 min Scan# 2907
Delta R.T. 0.377 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

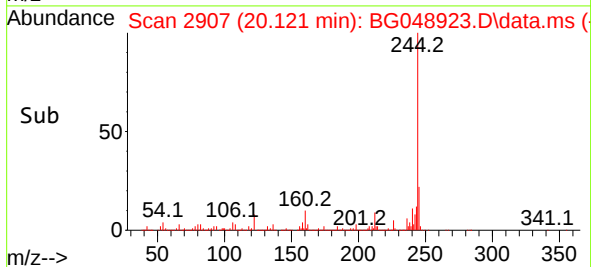
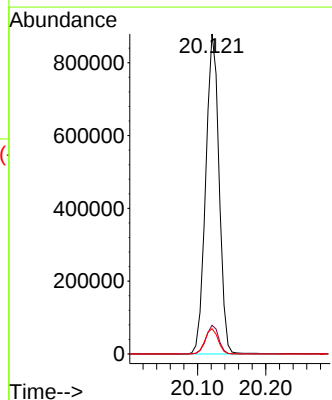
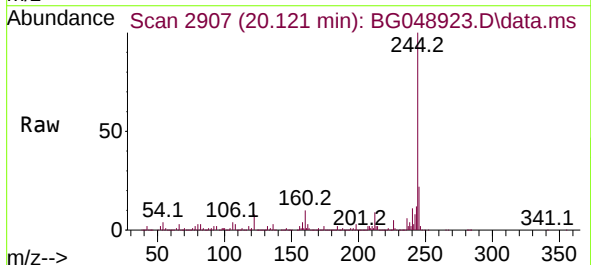
Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)

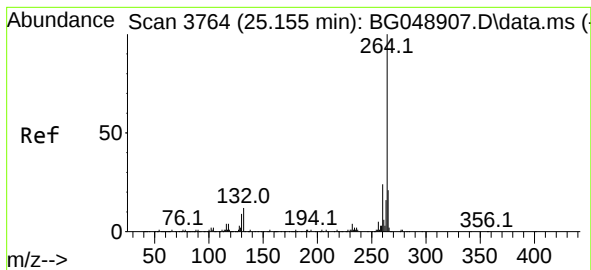
Tgt Ion:184 Resp: 23766
Ion Ratio Lower Upper
184 100
185 13.4 10.7 16.1
183 8.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 85.05 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

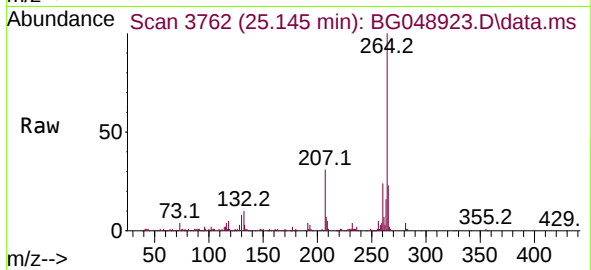
Tgt Ion:244 Resp: 1196861
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 7.9 5.0 7.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.145 min Scan# 3762
Delta R.T. -0.010 min
Lab File: BG048923.D
Acq: 12 Jun 2021 22:09

Instrument :
BNA_G
ClientSampleId :
18-B12(154-158)



Tgt Ion:264	Resp:	255808
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.4 29.2
265	23.0	16.9 25.3

