

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048929.D
 Acq On : 13 Jun 2021 2:16
 Operator : CG/JU
 Sample : M2625-31
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(178-182)

Quant Time: Jun 14 03:18:33 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)

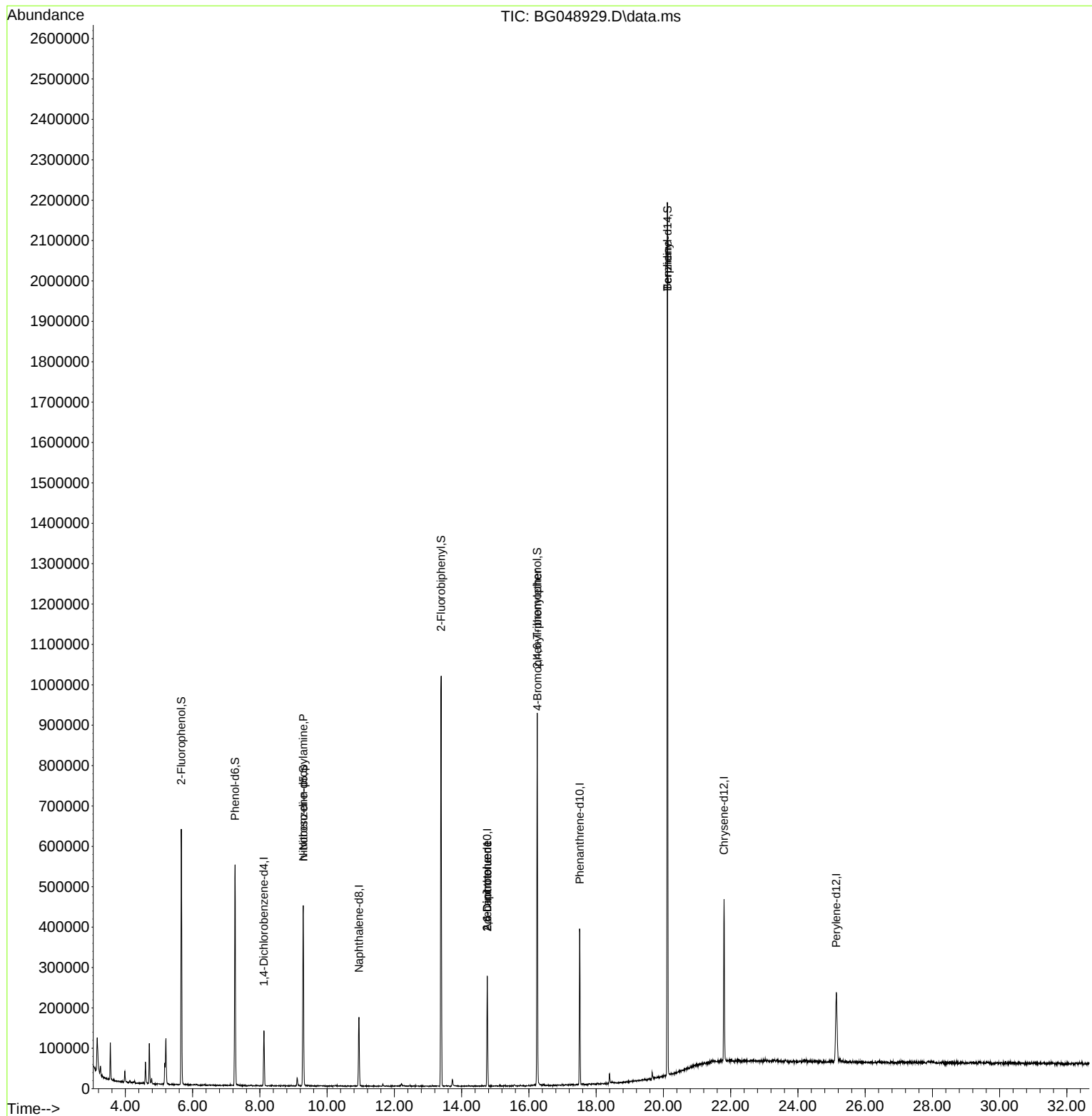
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	35184	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	134742	20.00	ng	# 0.00
39) Acenaphthene-d10	14.759	164	99435	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	240196	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	247659	20.00	ng	-0.01
86) Perylene-d12	25.141	264	172680	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	232356	102.80	ng	0.00
7) Phenol-d6	7.262	99	273095	80.62	ng	0.00
23) Nitrobenzene-d5	9.289	82	262916	84.14	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	163363	110.89	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	529992	75.30	ng	0.00
79) Terphenyl-d14	20.124	244	1047854	77.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.289	70	39461	14.90	ng	# 78
51) 2,6-Dinitrotoluene	14.759	165	12914	8.19	ng	# 11
57) 2,4-Dinitrotoluene	14.759	165	12914	6.67	ng	# 17
67) 4-Bromophenyl-phenylether	16.252	248	10236	3.41	ng	# 1
77) Benzidine	20.124	184	20032	4.02	ng	96

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

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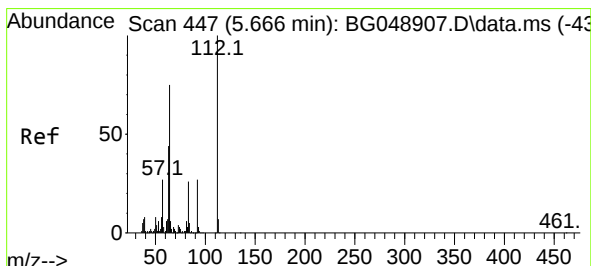
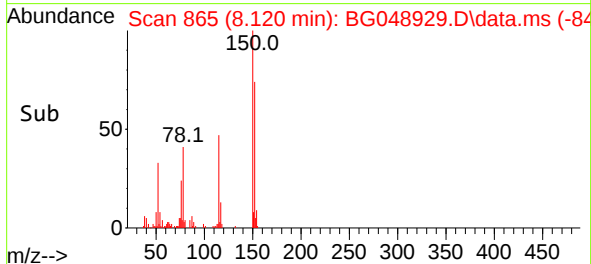
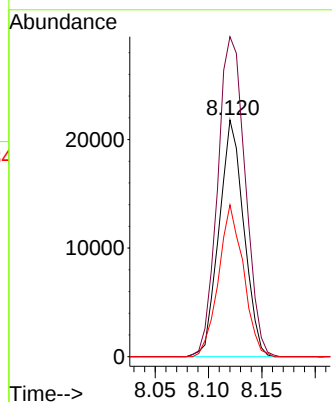
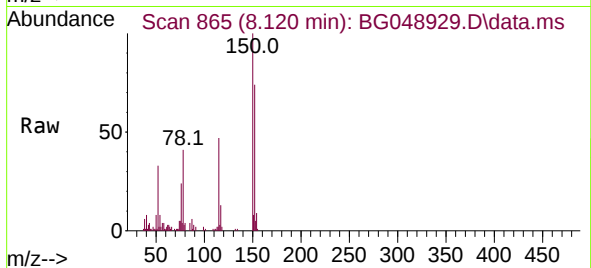




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

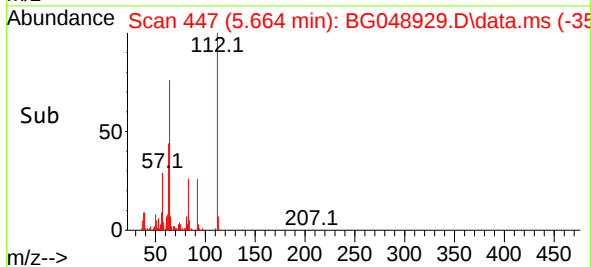
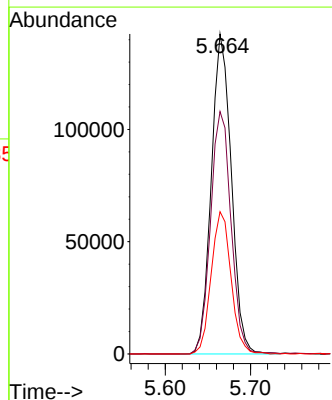
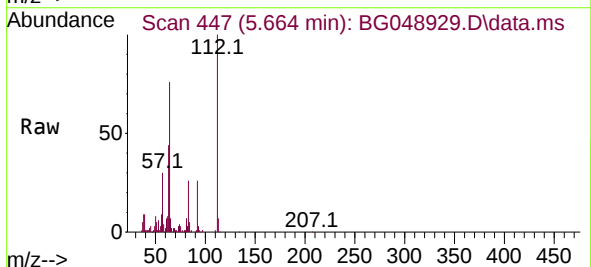
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

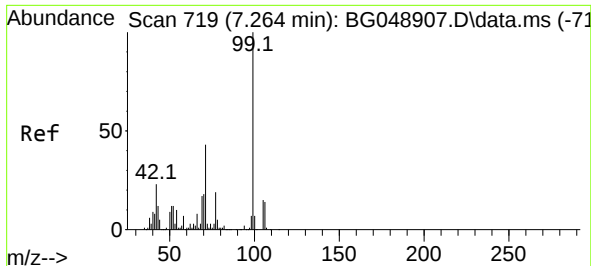
Tgt Ion:152 Resp: 35184
Ion Ratio Lower Upper
152 100
150 135.2 119.4 179.0
115 64.2 60.2 90.4



#5
2-Fluorophenol
Concen: 102.80 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:112 Resp: 232356
Ion Ratio Lower Upper
112 100
64 75.8 46.7 70.1#
63 44.5 35.3 52.9

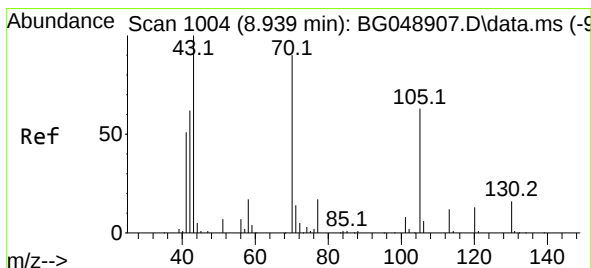
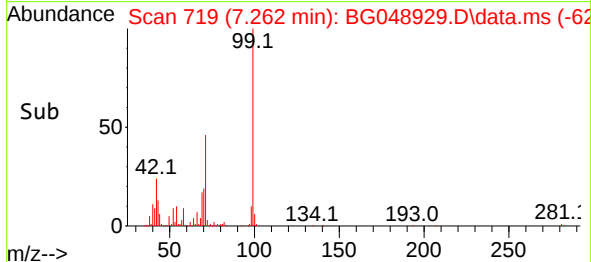
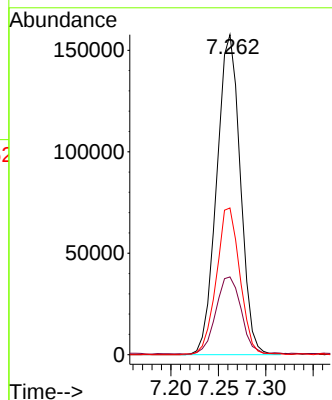
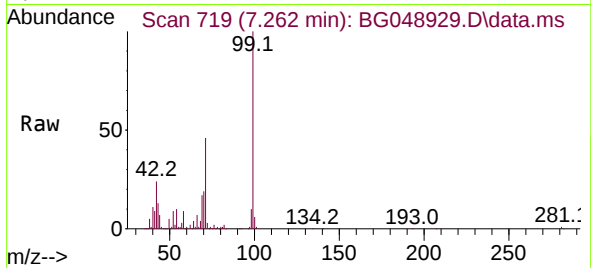




#7
Phenol-d6
Concen: 80.62 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

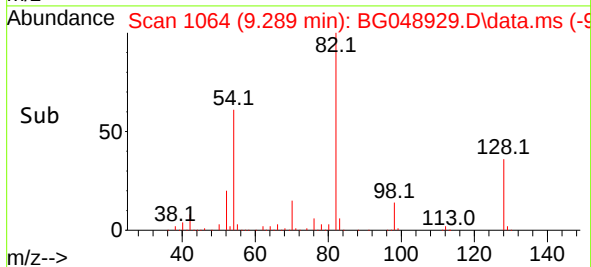
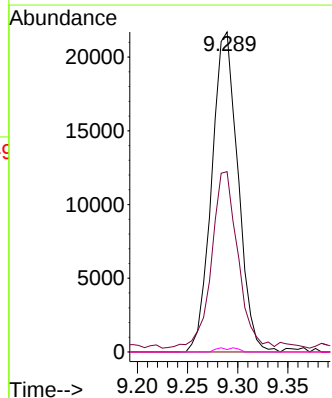
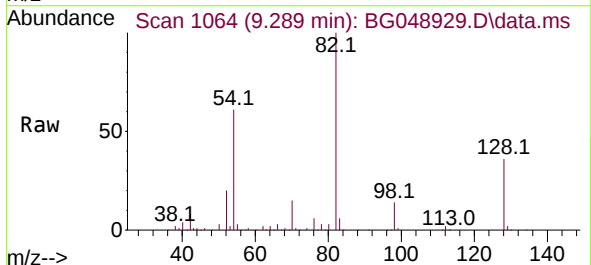
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

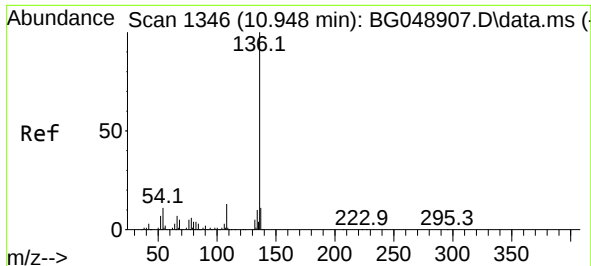
Tgt Ion: 99 Resp: 273095
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 45.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.90 ng
RT: 9.289 min Scan# 1064
Delta R.T. 0.351 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion: 70 Resp: 39461
Ion Ratio Lower Upper
70 100
42 56.3 54.5 81.7
101 0.0 9.0 13.6#
130 0.7 17.0 25.6#

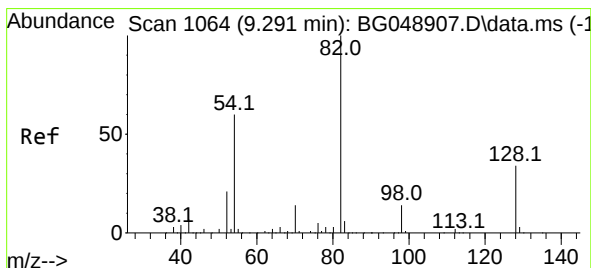
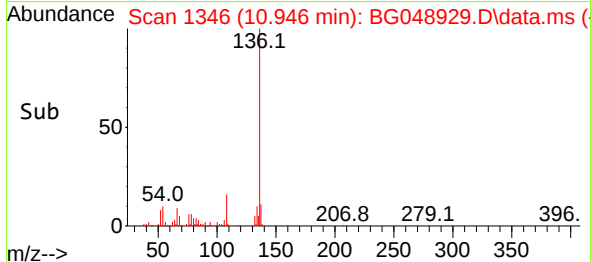
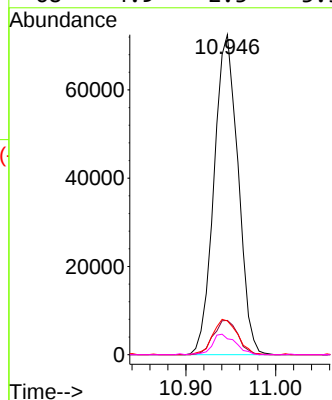
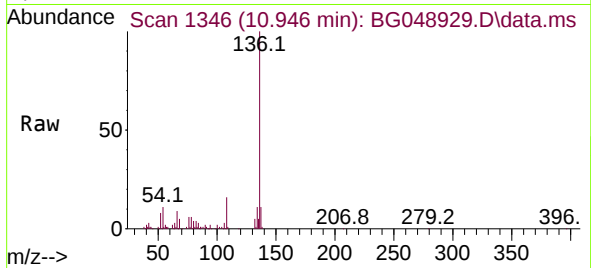




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

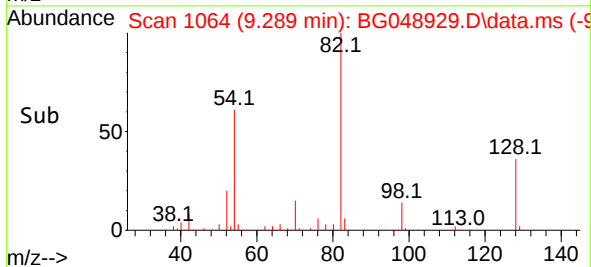
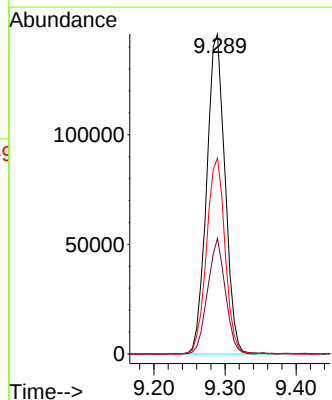
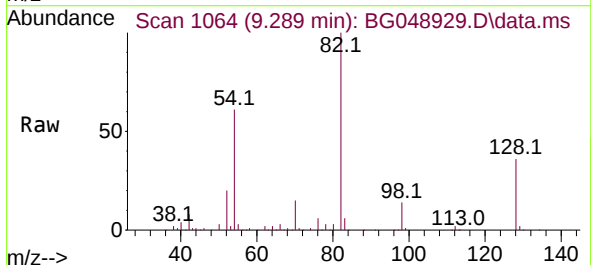
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

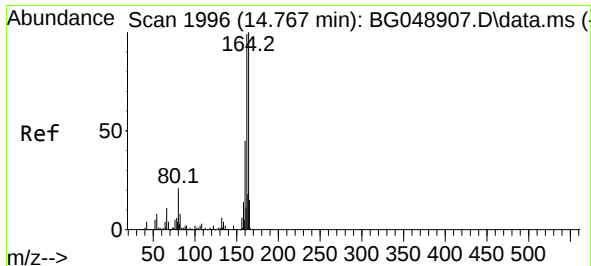
Tgt Ion:	136	Resp:	134742
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	10.6	5.5	8.3#
68	4.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 84.14 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:	82	Resp:	262916
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	61.2	45.8	68.8

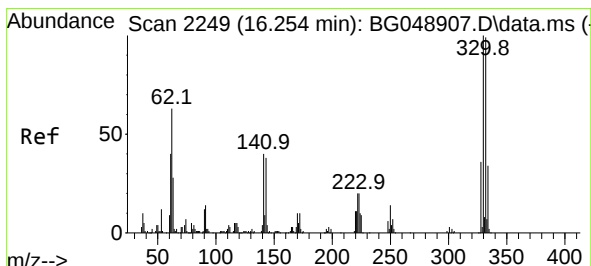
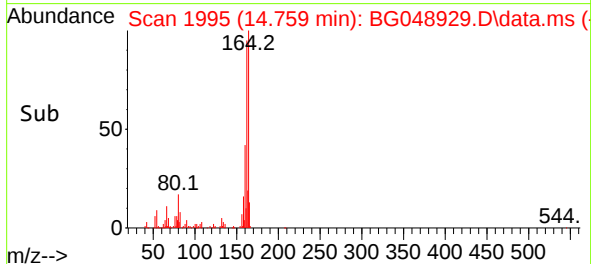
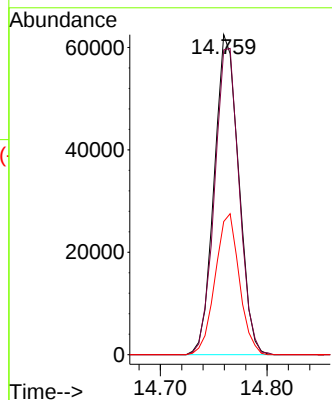
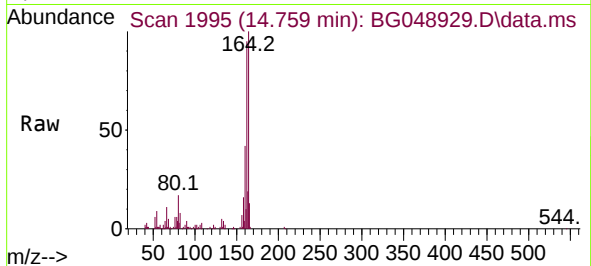




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.008 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

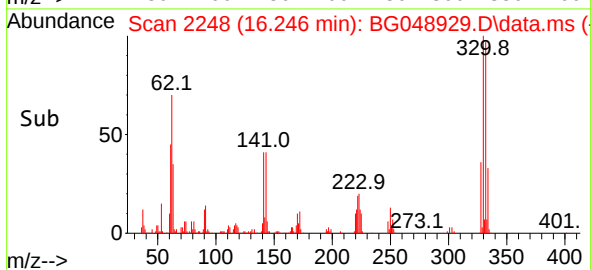
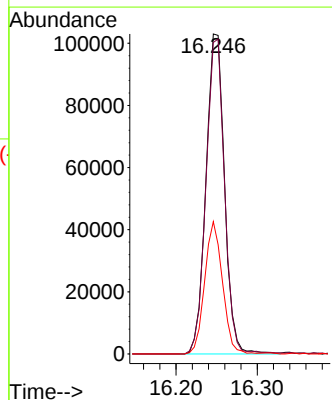
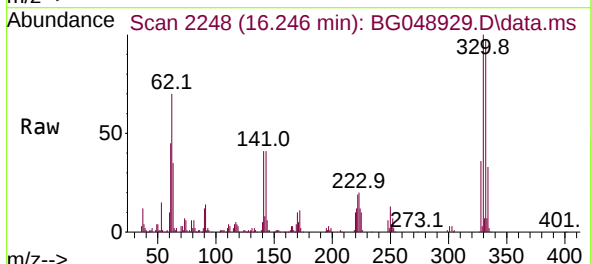
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

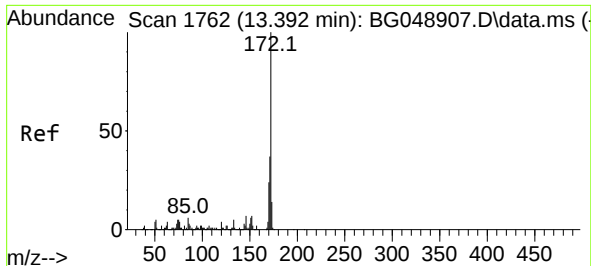
Tgt Ion:164 Resp: 99435
Ion Ratio Lower Upper
164 100
162 95.2 81.4 122.0
160 41.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 110.89 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:330 Resp: 163363
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 39.6 35.6 53.4

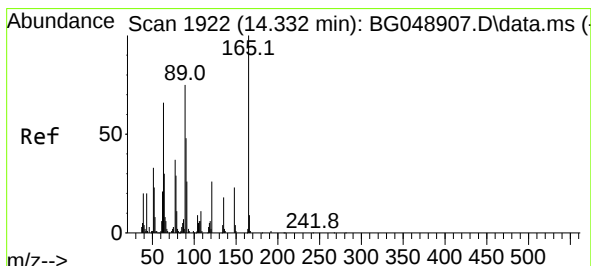
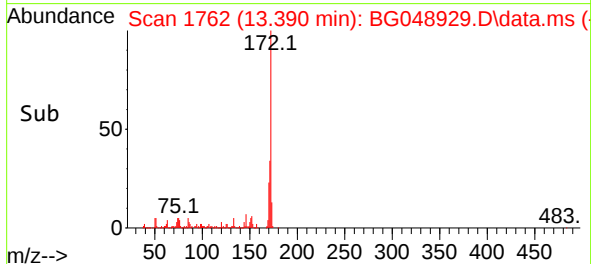
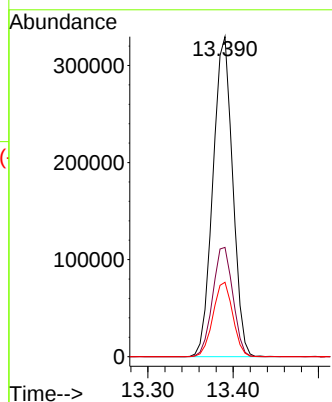
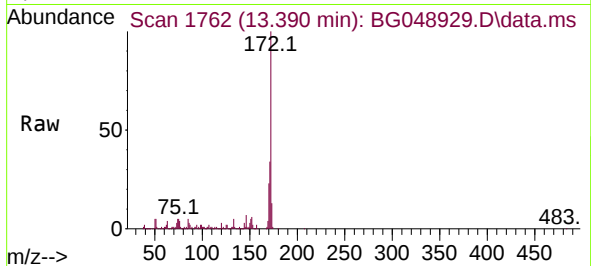




#45
2-Fluorobiphenyl
Concen: 75.30 ng
RT: 13.390 min Scan# 1762
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

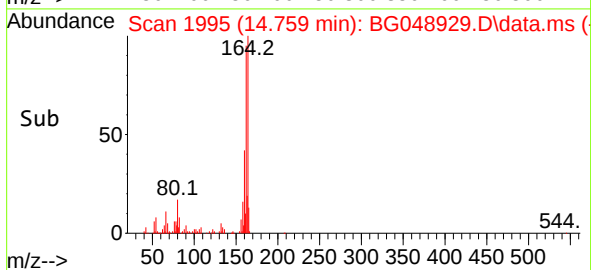
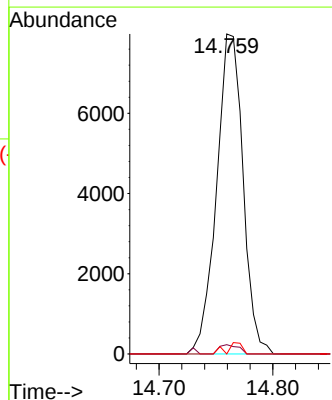
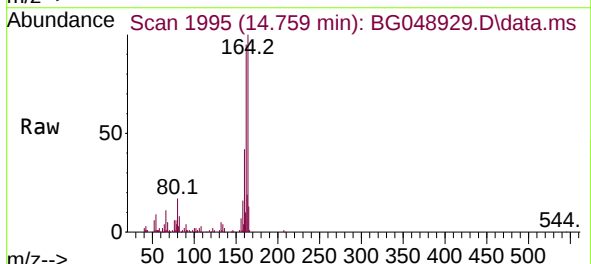
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

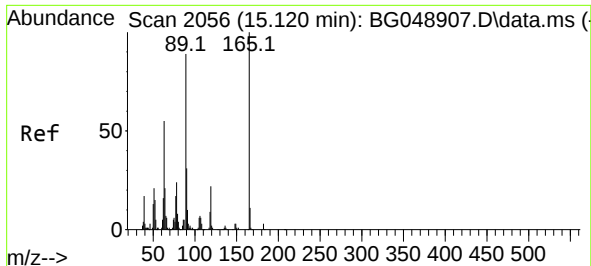
Tgt Ion:172	Resp:	529992
Ion Ratio	Lower	Upper
172	100	
171	34.1	28.6 43.0
170	23.2	18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.427 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:165	Resp:	12914
Ion Ratio	Lower	Upper
165	100	
63	2.9	63.3 94.9#
89	0.0	63.4 95.0#

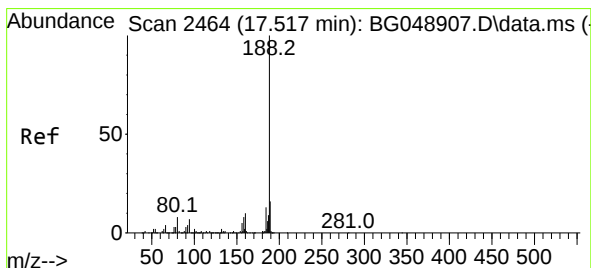
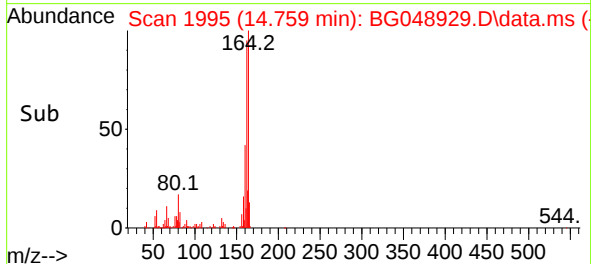
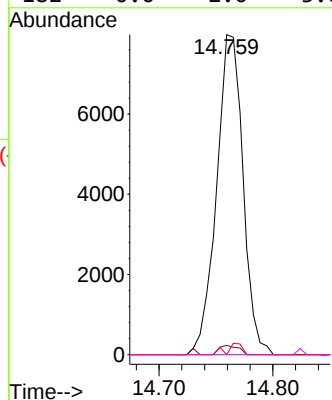
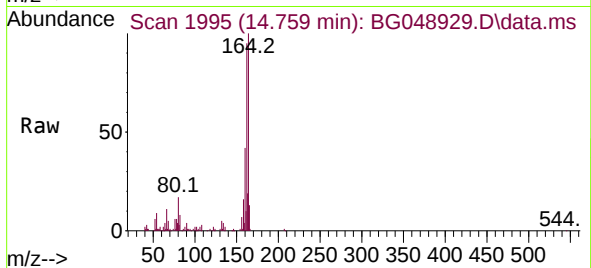




#57
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.360 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

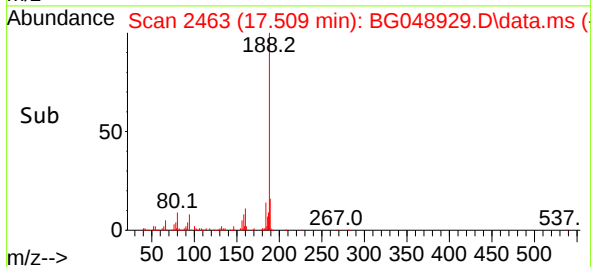
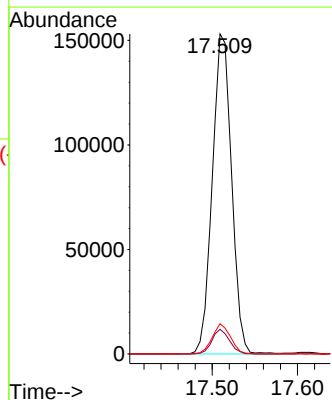
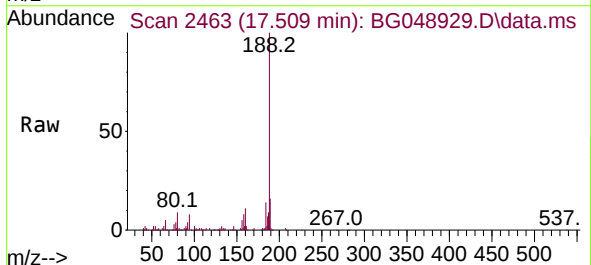
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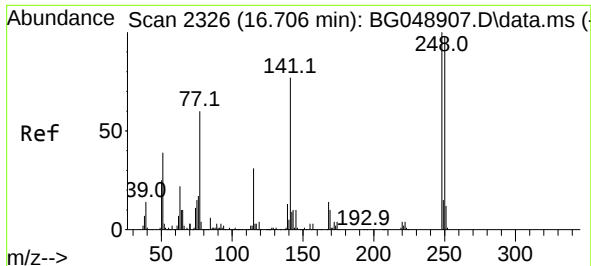
Tgt Ion:165 Resp: 12914
Ion Ratio Lower Upper
165 100
63 2.9 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:188 Resp: 240196
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 9.4 3.7 5.5#

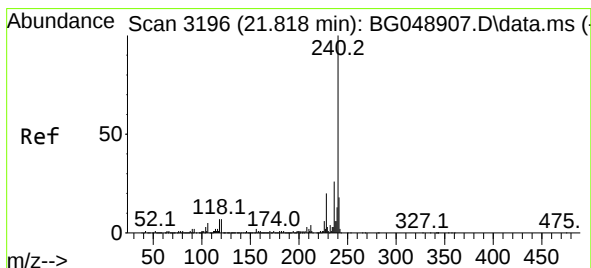
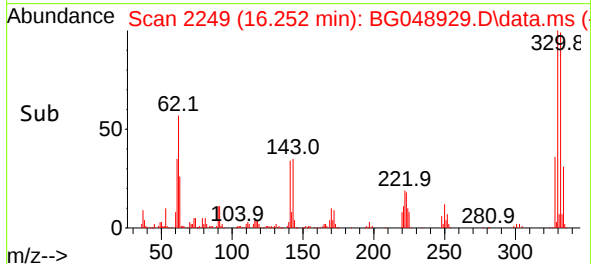
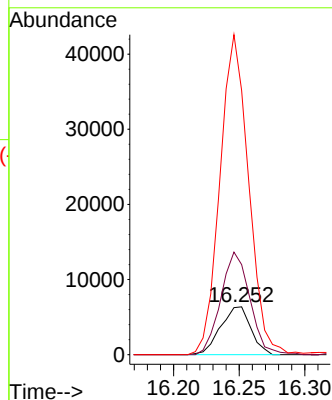
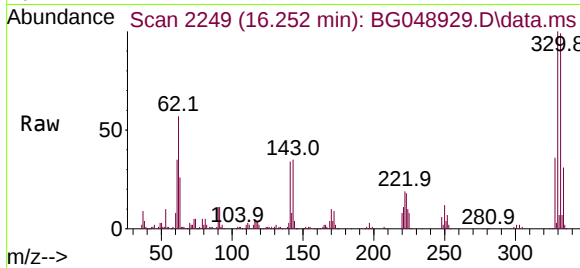




#67
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.454 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

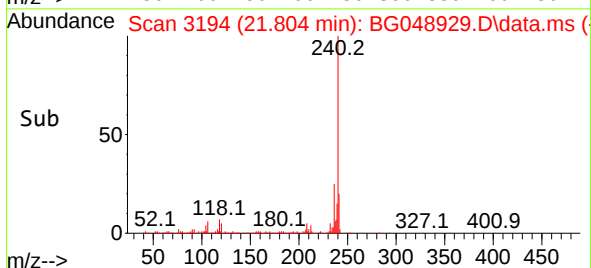
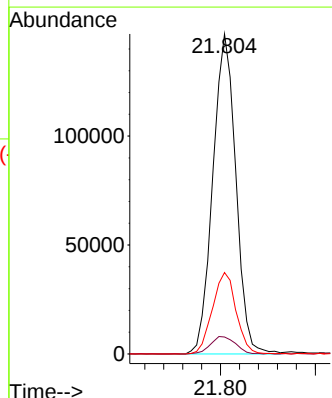
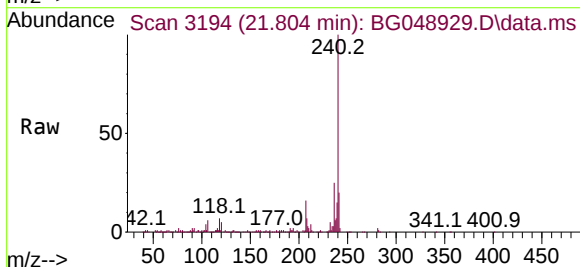
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

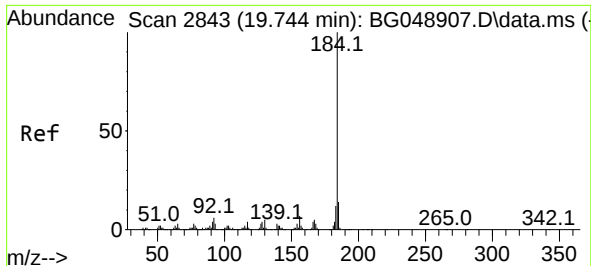
Tgt Ion:248 Resp: 10236
Ion Ratio Lower Upper
248 100
250 188.7 76.1 114.1#
141 553.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:240 Resp: 247659
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.4 21.8 32.6

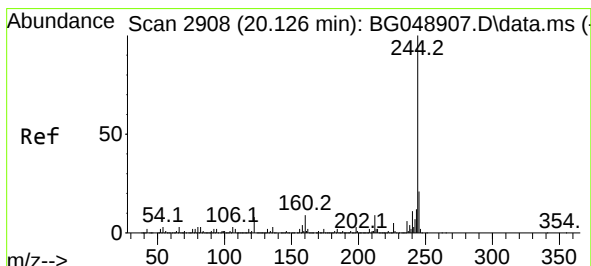
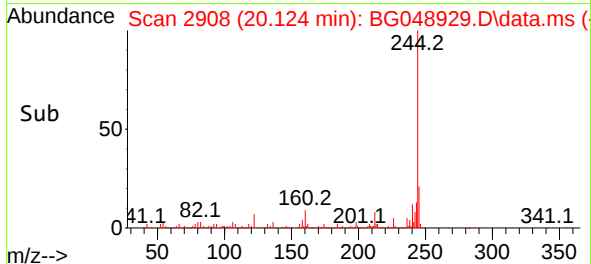
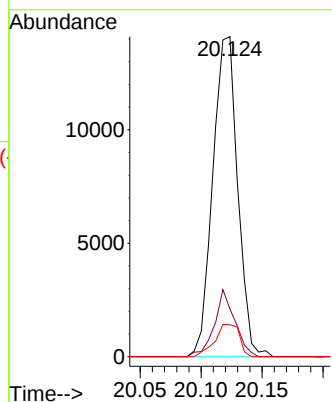
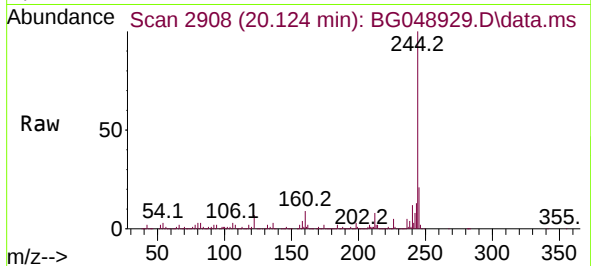




#77
Benzidine
Concen: 4.02 ng
RT: 20.124 min Scan# 2908
Delta R.T. 0.380 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

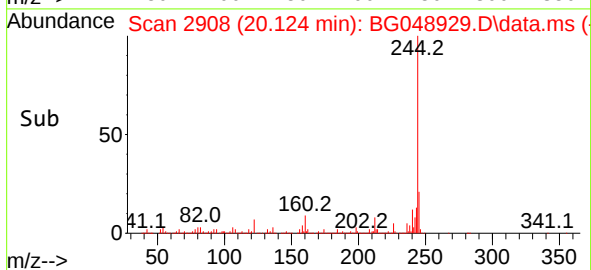
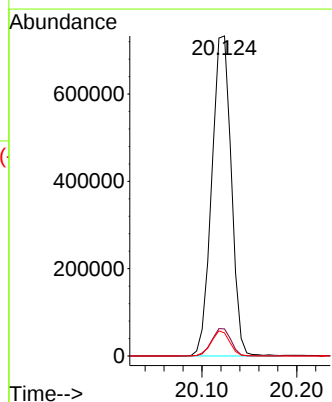
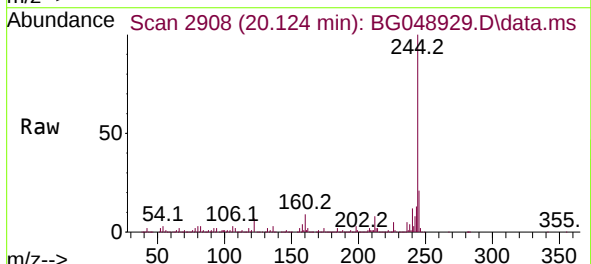
Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

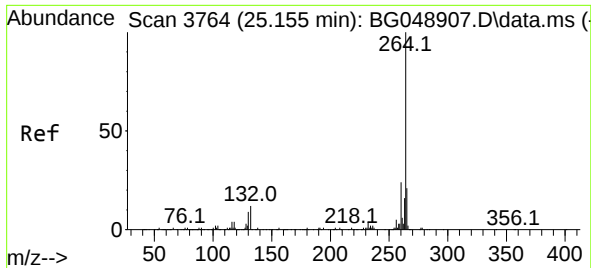
Tgt Ion:184 Resp: 20032
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 10.0 9.4 14.0



#79
Terphenyl-d14
Concen: 77.49 ng
RT: 20.124 min Scan# 2908
Delta R.T. -0.002 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Tgt Ion:244 Resp: 1047854
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 7.2 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3762
Delta R.T. -0.014 min
Lab File: BG048929.D
Acq: 13 Jun 2021 2:16

Instrument :
BNA_G
ClientSampleId :
18-B12(178-182)

Tgt Ion:264 Resp: 172680
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 22.5 16.9 25.3

