

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048779.D
 Acq On : 20 Apr 2021 1:41
 Operator : CG/JU
 Sample : M2079-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Apr 20 05:51:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

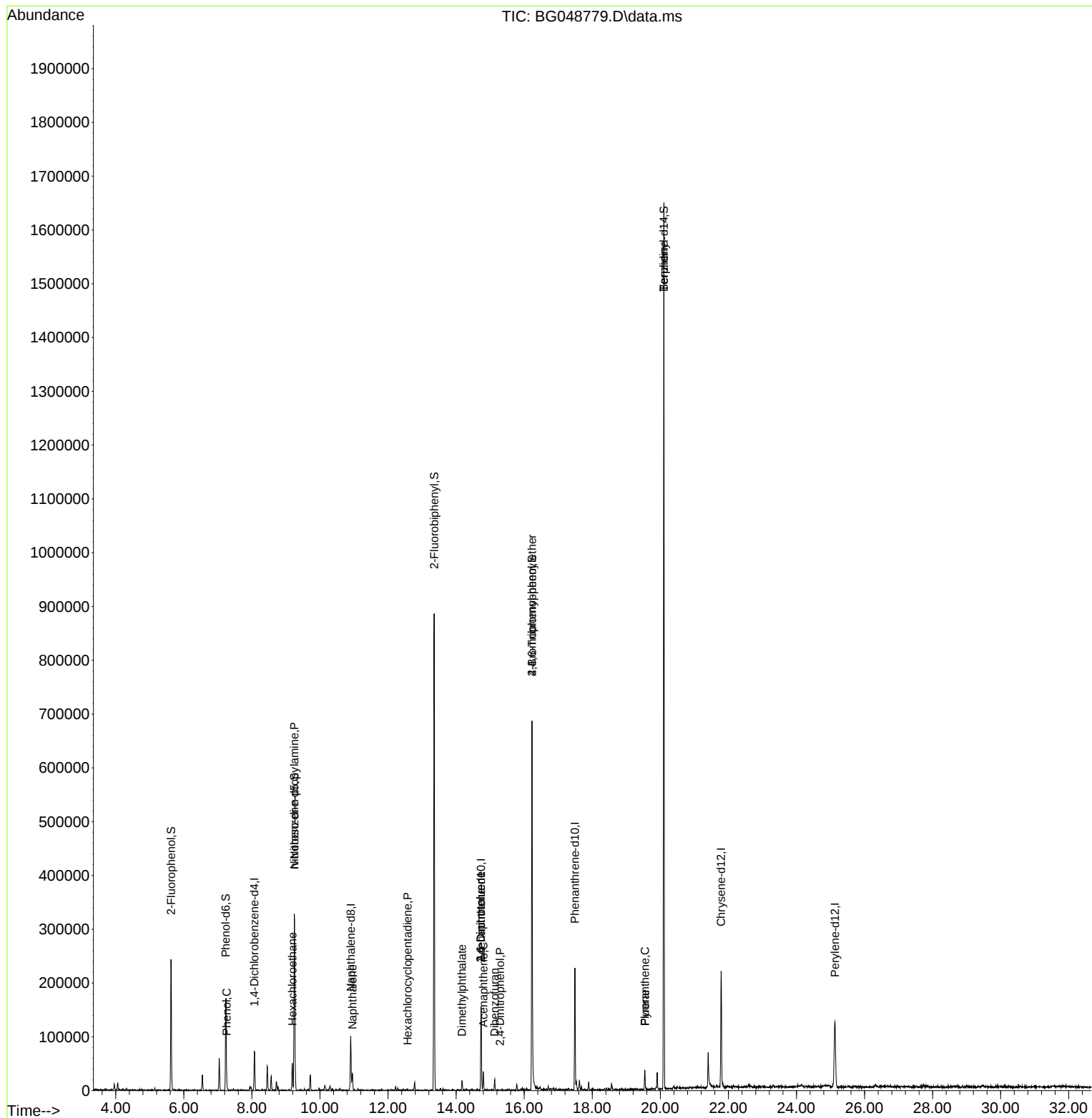
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	17559	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	74041	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	54620	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	138164	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	129962	20.00	ng	-0.01
86) Perylene-d12	25.130	264	131652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	92203	87.82	ng	0.00
7) Phenol-d6	7.233	99	81236	54.70	ng	0.00
23) Nitrobenzene-d5	9.248	82	183556	110.99	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	113994	155.66	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	433304	114.56	ng	0.00
79) Terphenyl-d14	20.106	244	757098	100.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.262	94	4091	2.80	ng	89
18) Hexachloroethane	9.195	117	4655	9.08	ng	# 1
19) n-Nitroso-di-n-propyla...	9.248	70	29068	29.01	ng	# 76
31) Naphthalene	10.958	128	19960	5.25	ng	# 92
41) Hexachlorocyclopentadiene	12.574	237	115	5.97	ng	# 31
50) Dimethylphthalate	14.172	163	10110	2.47	ng	# 98
51) 2,6-Dinitrotoluene	14.730	165	8176	8.65	ng	# 12
52) Acenaphthene	14.801	154	13689	4.48	ng	87
54) 2,4-Dinitrophenol	15.294	184	79	5.41	ng	# 8
55) Dibenzofuran	15.130	168	10896	2.16	ng	# 90
57) 2,4-Dinitrotoluene	14.730	165	8176	5.96	ng	# 18
67) 4-Bromophenyl-phenylether	16.228	248	8258	5.19	ng	# 1
75) Fluoranthene	19.548	202	23256	2.56	ng	98
77) Benzidine	20.106	184	15156	4.29	ng	# 90
78) Pyrene	19.548	202	23256	2.59	ng	96

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

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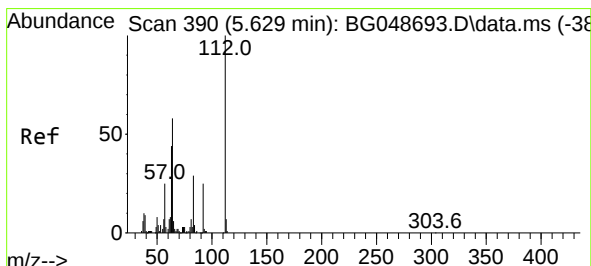
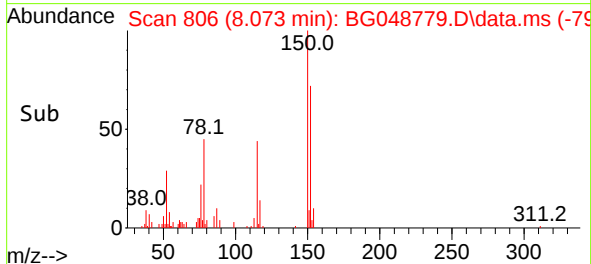
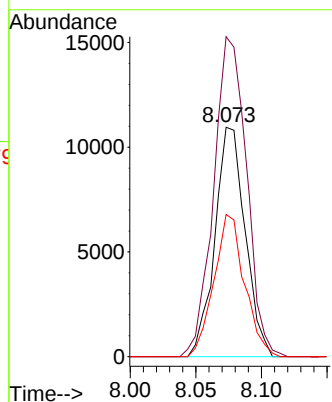
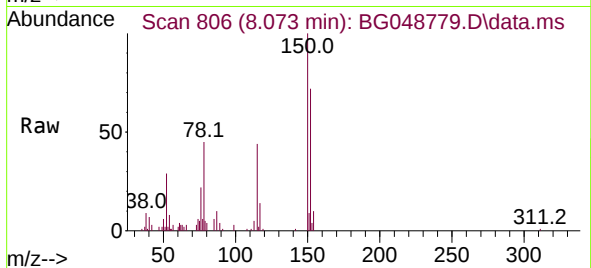




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

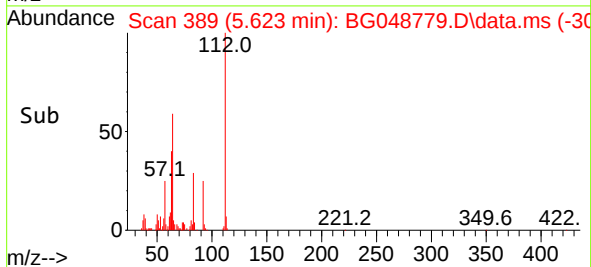
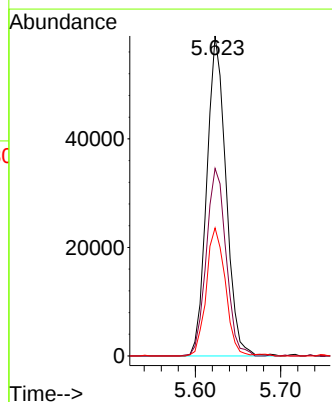
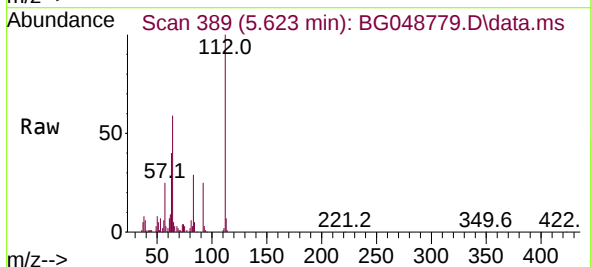
Instrument :
BNA_G
ClientSampleId :
MW-06

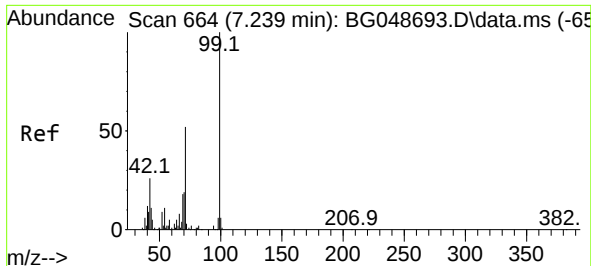
Tgt Ion:152 Resp: 17559
Ion Ratio Lower Upper
152 100
150 139.4 119.4 179.0
115 62.0 60.2 90.4



#5
2-Fluorophenol
Concen: 87.82 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:112 Resp: 92203
Ion Ratio Lower Upper
112 100
64 58.6 46.7 70.1
63 40.0 35.3 52.9

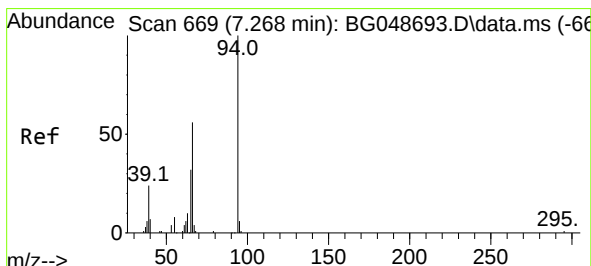
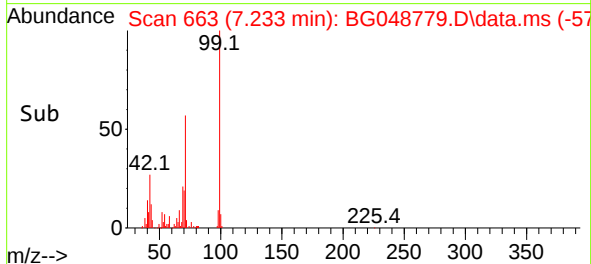
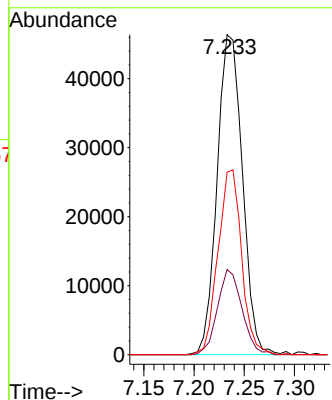
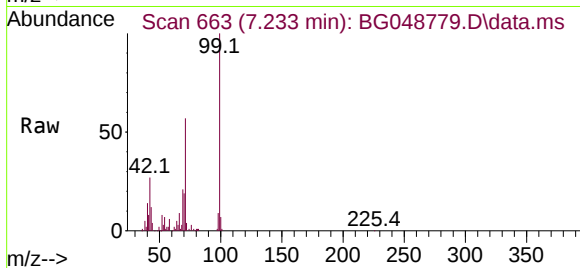




#7
Phenol-d6
Concen: 54.70 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

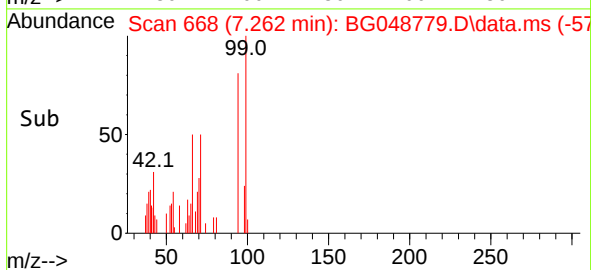
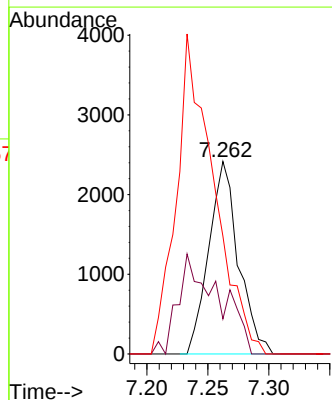
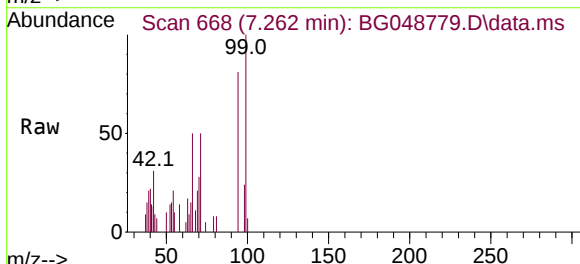
Instrument :
BNA_G
ClientSampleId :
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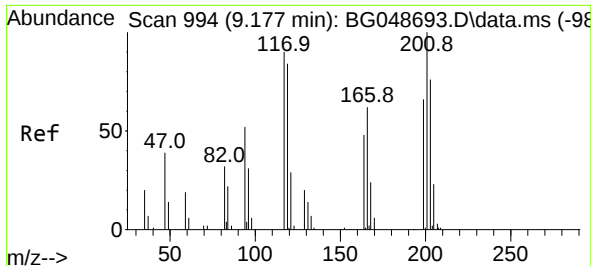
Tgt Ion: 99 Resp: 81236
Ion Ratio Lower Upper
99 100
42 26.6 20.5 30.7
71 57.1 41.5 62.3



#10
Phenol
Concen: 2.80 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion: 94 Resp: 4091
Ion Ratio Lower Upper
94 100
65 18.3 12.9 52.9
66 61.1 39.4 79.4

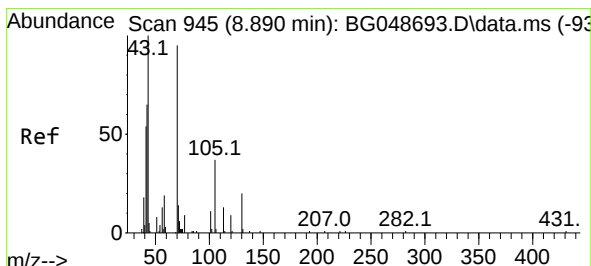
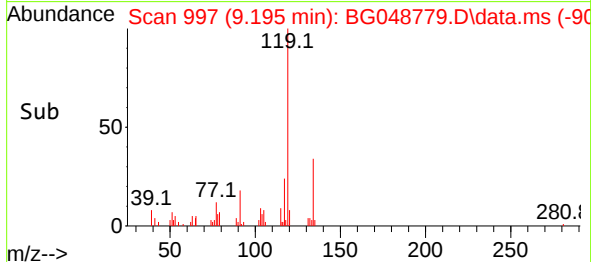
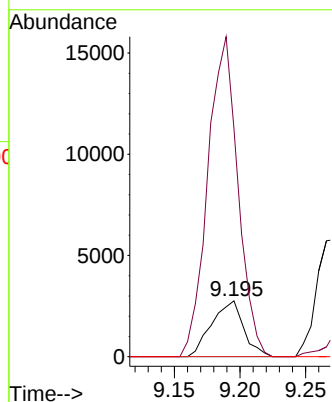
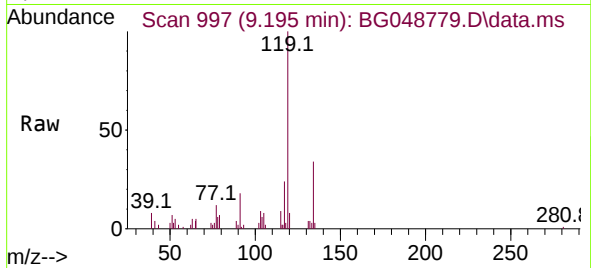




#18
Hexachloroethane
Concen: 9.08 ng
RT: 9.195 min Scan# 997
Delta R.T. 0.022 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

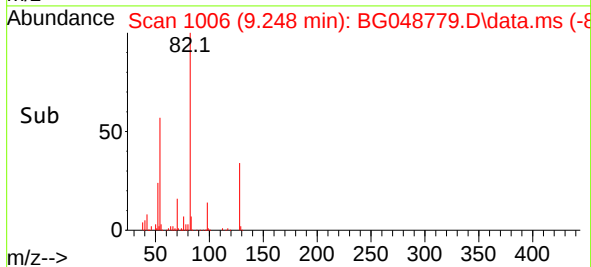
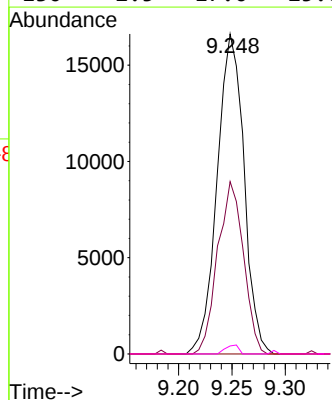
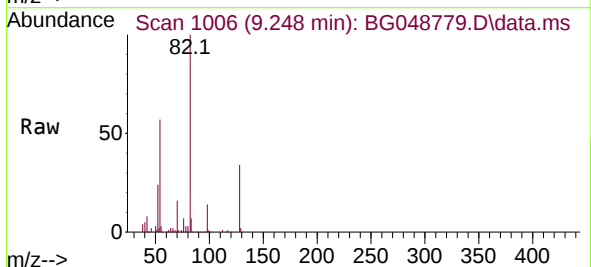
Instrument :
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ClientSampleId :
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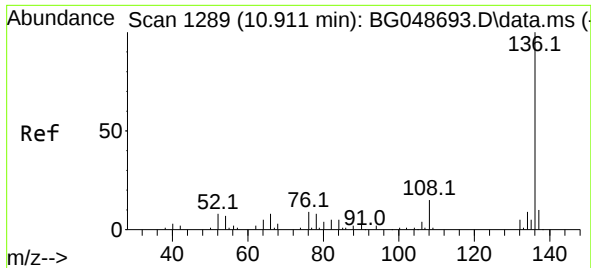
Tgt Ion:117 Resp: 4655
Ion Ratio Lower Upper
117 100
119 408.4 74.4 111.6#
201 0.0 88.6 133.0#



#19
n-Nitroso-di-n-propylamine
Concen: 29.01 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion: 70 Resp: 29068
Ion Ratio Lower Upper
70 100
42 53.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.5 17.0 25.6#

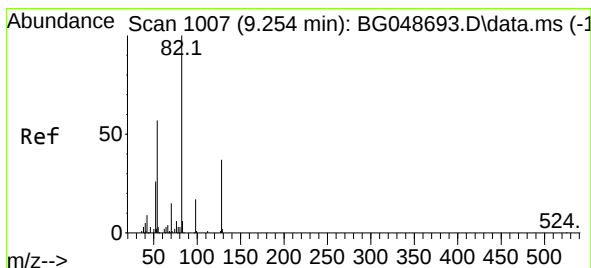
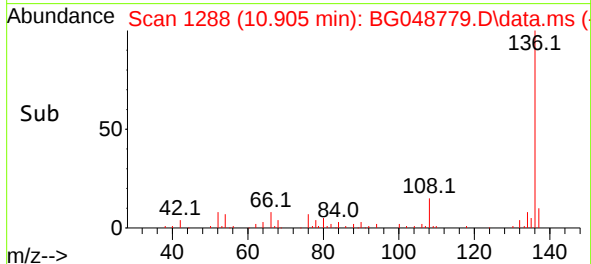
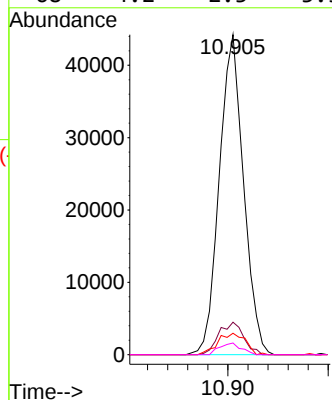
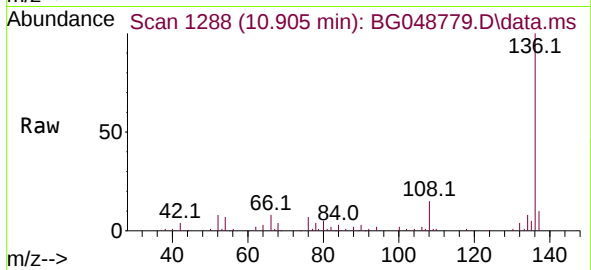




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

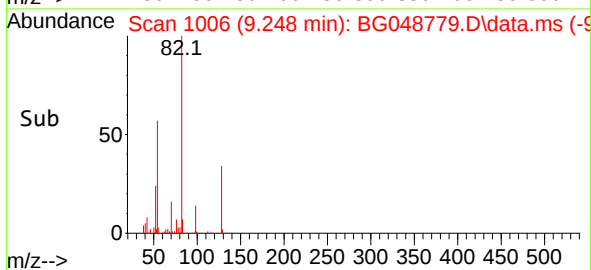
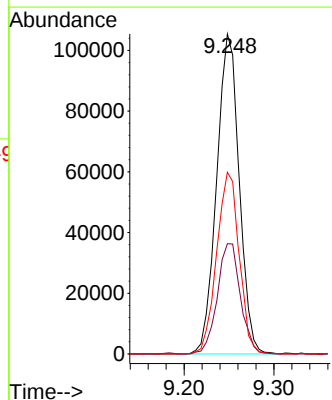
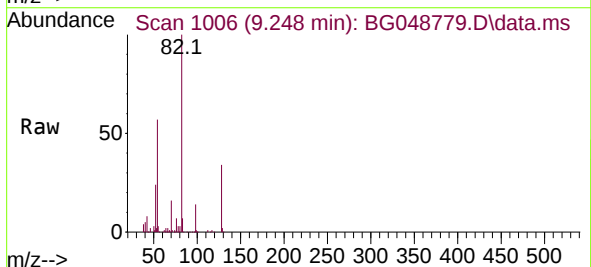
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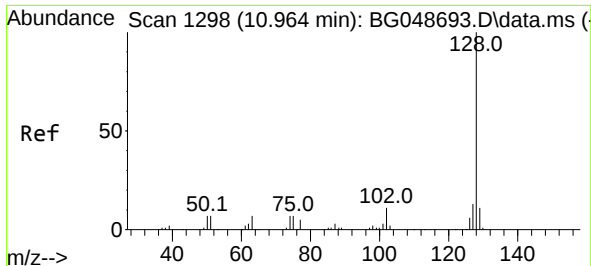
Tgt Ion:136	Resp:	74041
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.2 12.2
54	6.7	5.5 8.3
68	4.2	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 110.99 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion: 82	Resp:	183556
Ion Ratio	Lower	Upper
82	100	
128	34.5	29.8 44.6
54	56.8	45.8 68.8

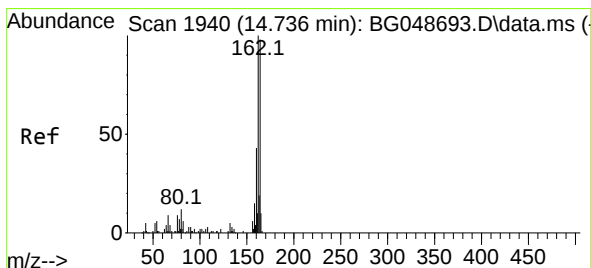
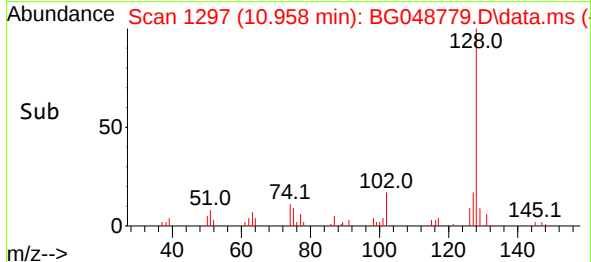
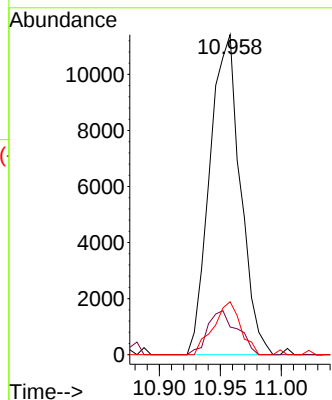
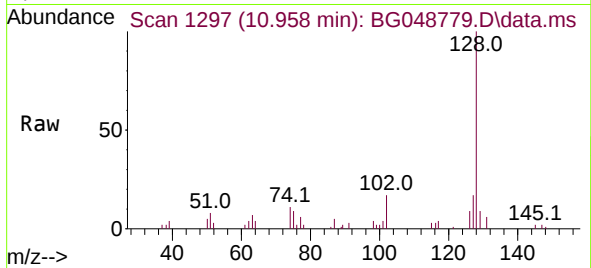




#31
Naphthalene
Concen: 5.25 ng
RT: 10.958 min Scan# 1297
Delta R.T. -0.001 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

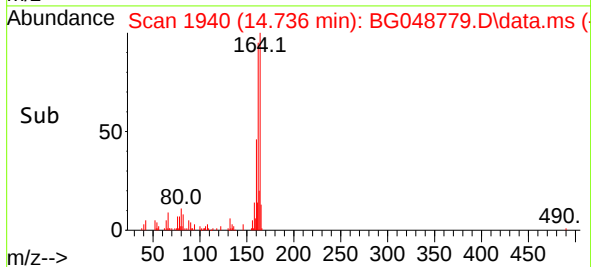
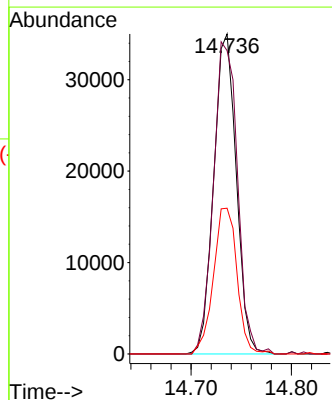
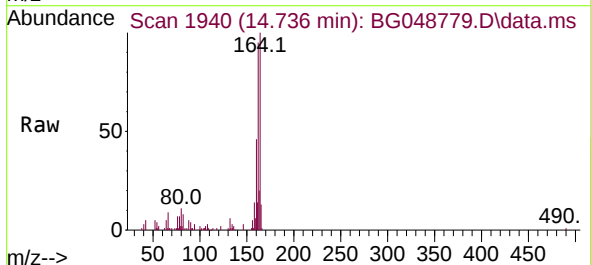
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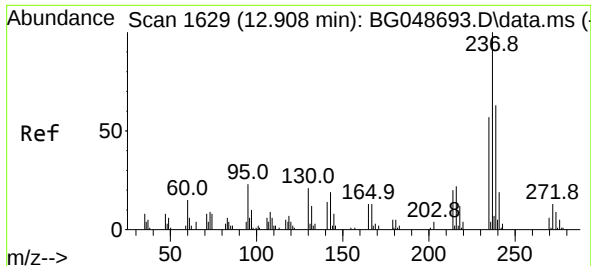
Tgt Ion:128 Resp: 19960
Ion Ratio Lower Upper
128 100
129 8.7 8.5 12.7
127 16.5 10.2 15.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:164 Resp: 54620
Ion Ratio Lower Upper
164 100
162 94.8 81.4 122.0
160 45.5 34.9 52.3

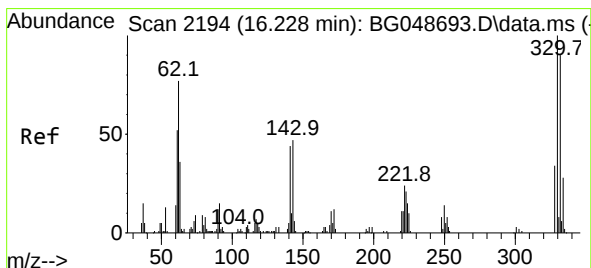
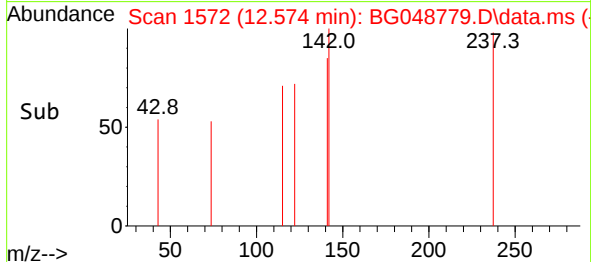
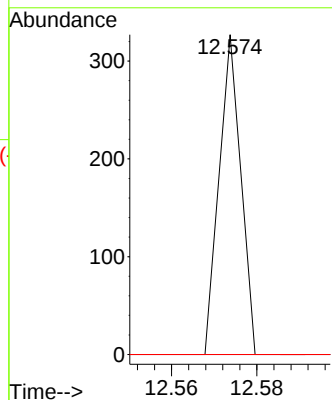
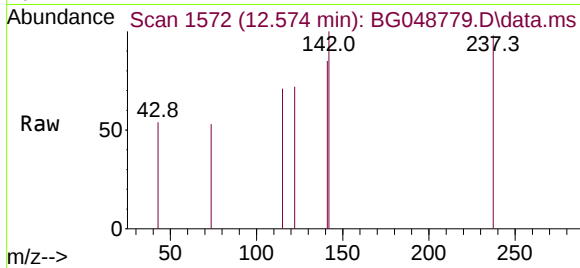




#41
Hexachlorocyclopentadiene
Concen: 5.97 ng
RT: 12.574 min Scan# 1572
Delta R.T. -0.336 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

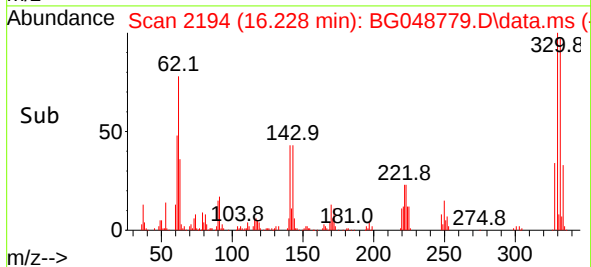
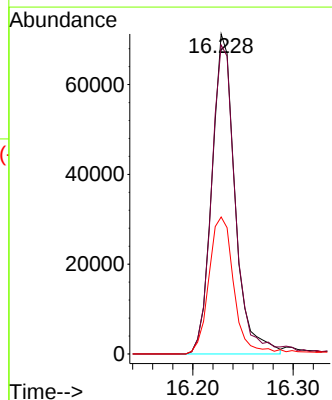
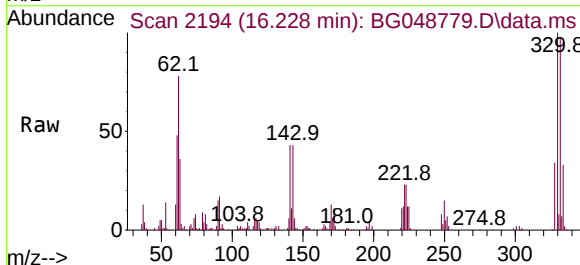
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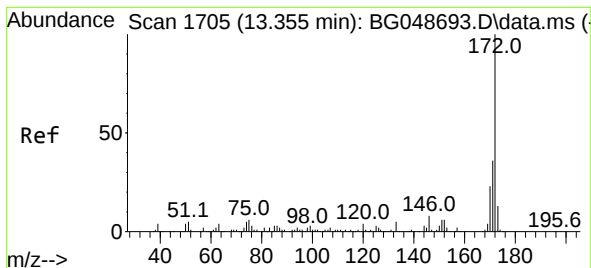
Tgt Ion:237 Resp: 115
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 155.66 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:330 Resp: 113994
Ion Ratio Lower Upper
330 100
332 101.0 77.3 115.9
141 47.6 35.6 53.4

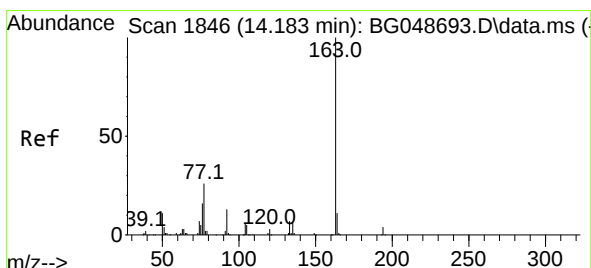
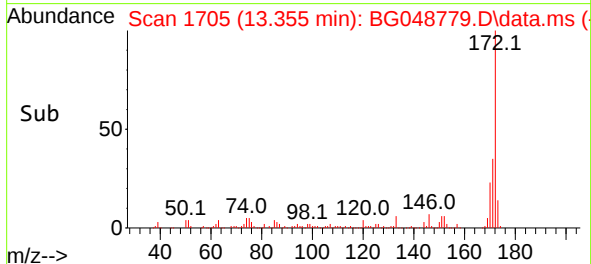
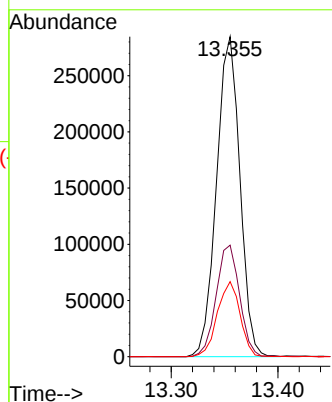
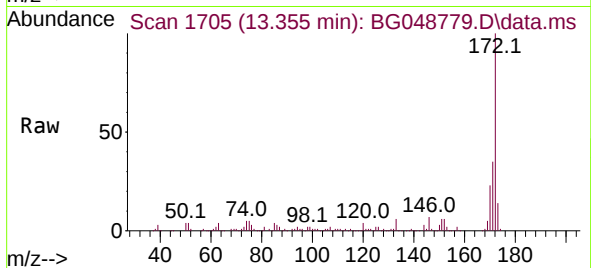




#45
2-Fluorobiphenyl
Concen: 114.56 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

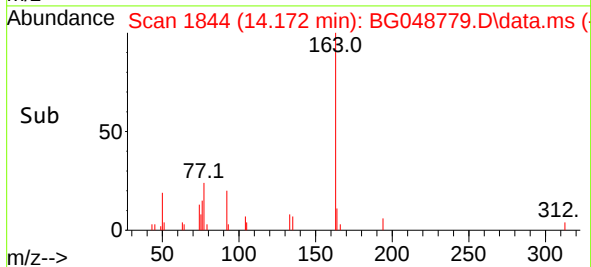
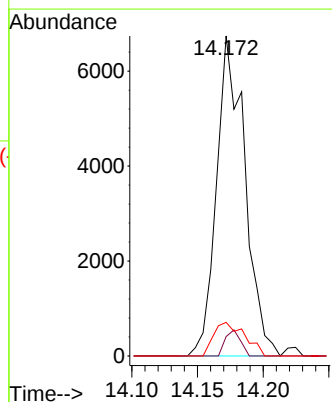
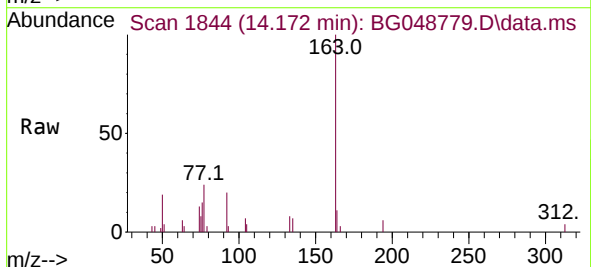
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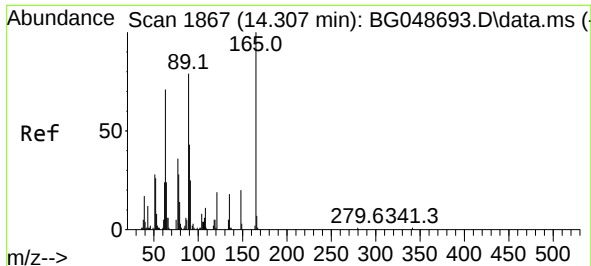
Tgt Ion:172	Resp:	433304
Ion Ratio	Lower	Upper
172	100	
171	34.8	28.6 43.0
170	23.5	18.6 27.8



#50
Dimethylphthalate
Concen: 2.47 ng
RT: 14.172 min Scan# 1844
Delta R.T. -0.013 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:163	Resp:	10110
Ion Ratio	Lower	Upper
163	100	
194	6.1	3.0 4.6#
164	10.5	8.6 12.8

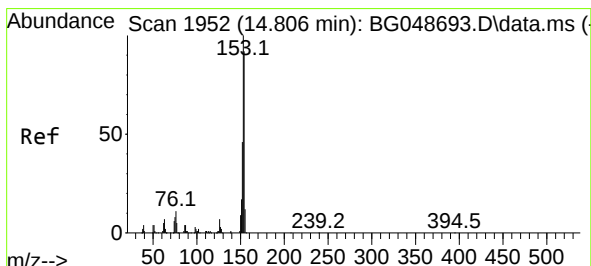
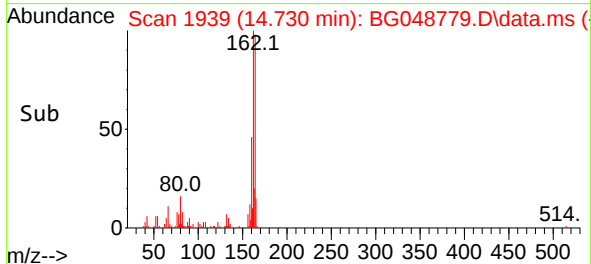
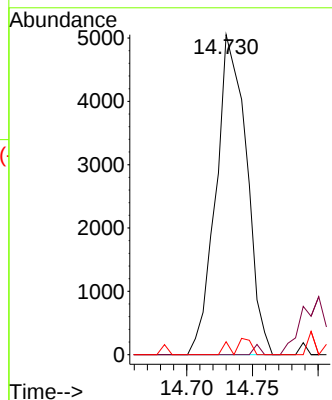
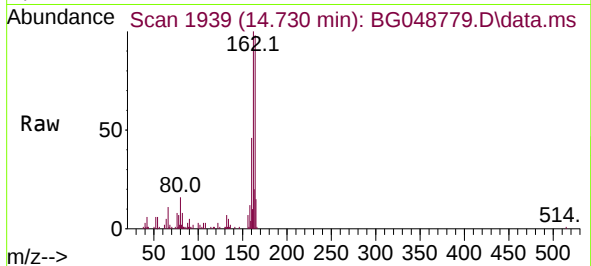




#51
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

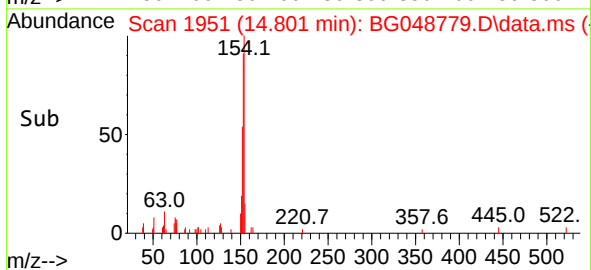
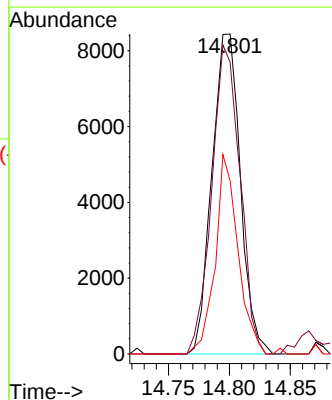
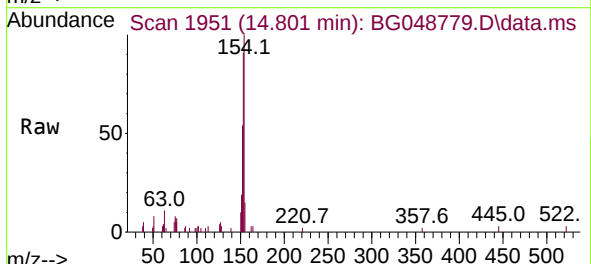
Instrument :
BNA_G
ClientSampleId :
MW-06

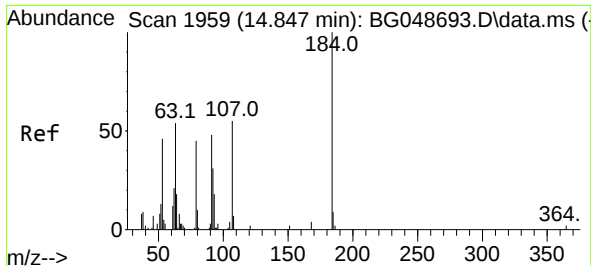
Tgt Ion:165 Resp: 8176
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.1 63.4 95.0#



#52
Acenaphthene
Concen: 4.48 ng
RT: 14.801 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:154 Resp: 13689
Ion Ratio Lower Upper
154 100
153 91.2 87.0 130.4
152 54.1 40.1 60.1

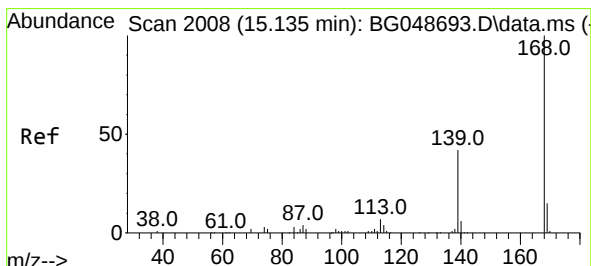
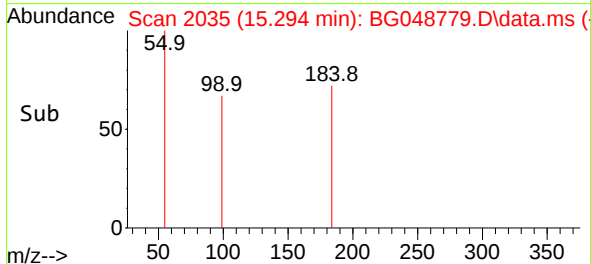
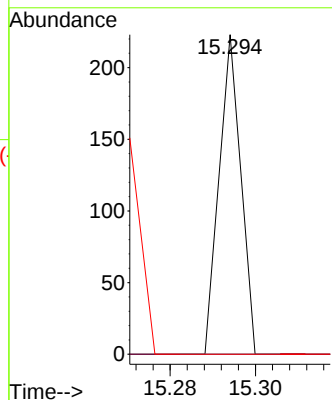
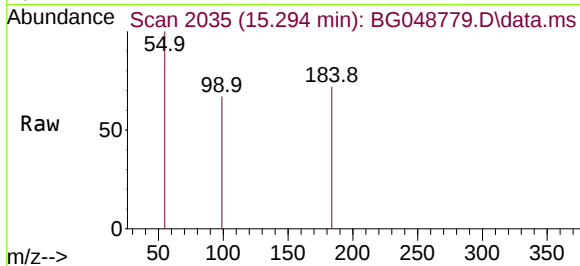




#54
2,4-Dinitrophenol
Concen: 5.41 ng
RT: 15.294 min Scan# 2035
Delta R.T. 0.440 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

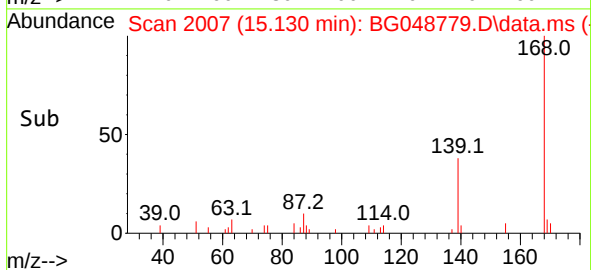
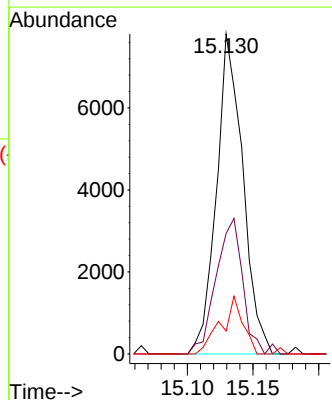
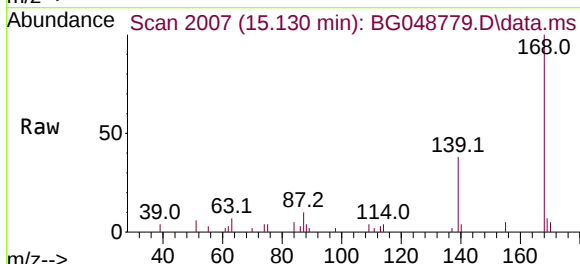
Instrument :
BNA_G
ClientSampleId :
MW-06

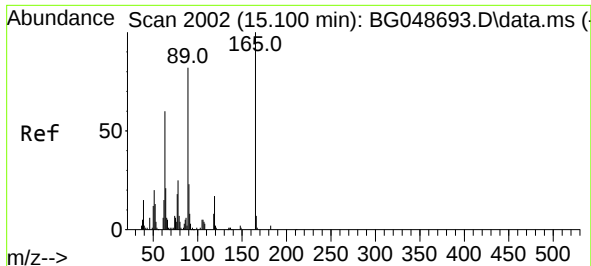
Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#55
Dibenzofuran
Concen: 2.16 ng
RT: 15.130 min Scan# 2007
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:168 Resp: 10896
Ion Ratio Lower Upper
168 100
139 37.7 33.4 50.2
169 7.2 12.3 18.5#

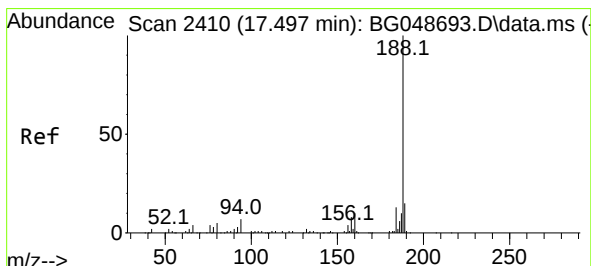
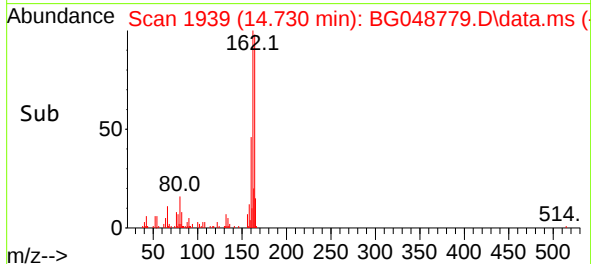
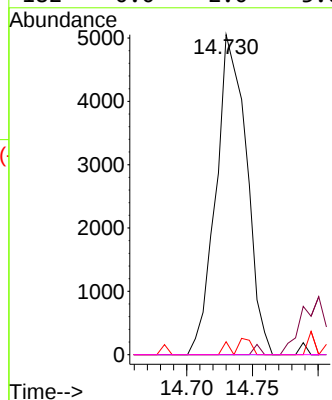
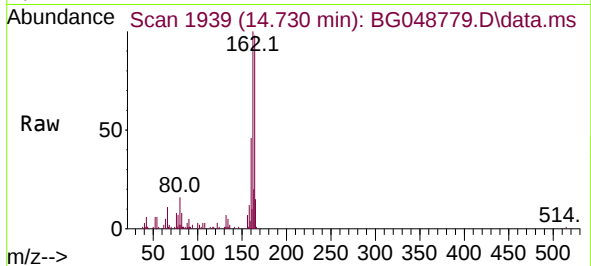




#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

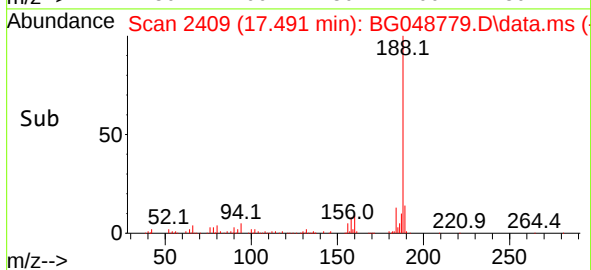
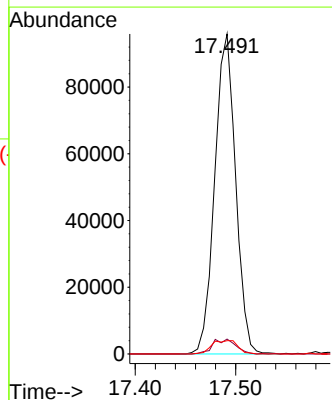
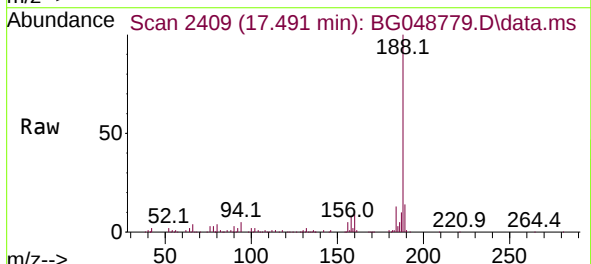
Instrument :
BNA_G
ClientSampleId :
MW-06

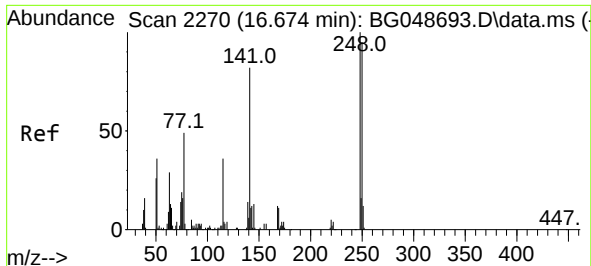
Tgt Ion:	165	Resp:	8176
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.0	72.0#
89	4.1	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:	188	Resp:	138164
Ion Ratio	Lower	Upper	
188	100		
94	4.7	5.4	8.0#
80	4.1	3.7	5.5

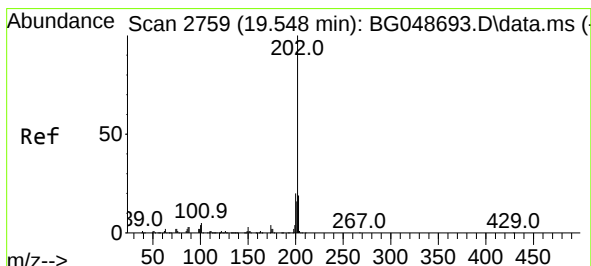
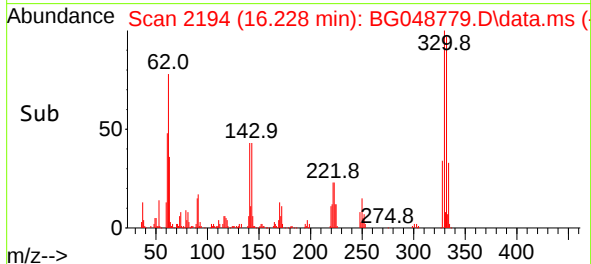
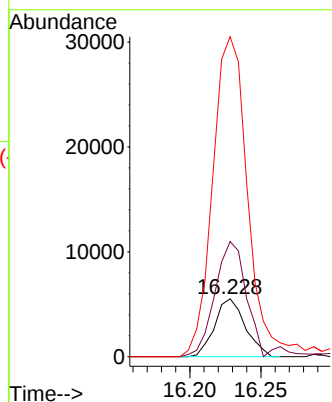
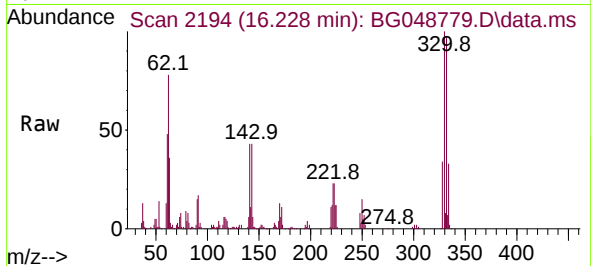




#67
4-Bromophenyl-phenylether
Concen: 5.19 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

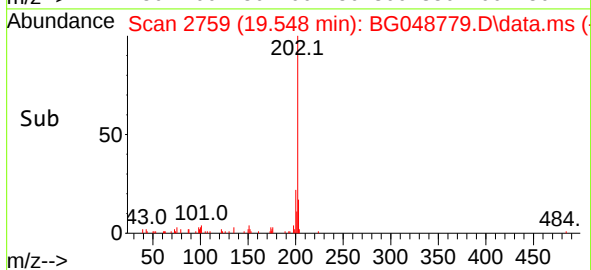
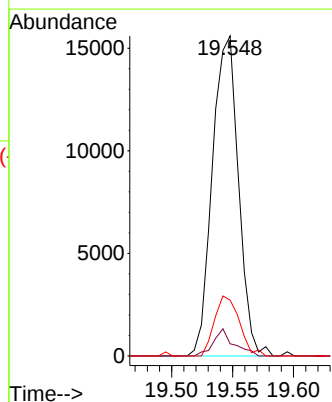
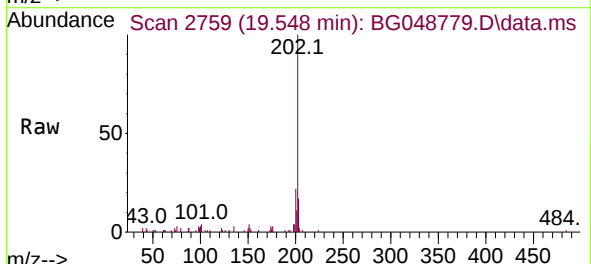
Instrument :
BNA_G
ClientSampleId :
MW-06

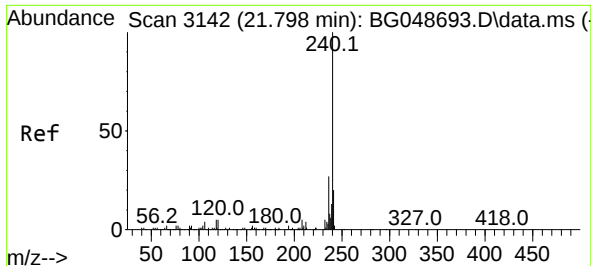
Tgt Ion:248 Resp: 8258
Ion Ratio Lower Upper
248 100
250 199.0 76.1 114.1#
141 552.9 65.4 98.2#



#75
Fluoranthene
Concen: 2.56 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.007 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:202 Resp: 23256
Ion Ratio Lower Upper
202 100
101 3.8 0.0 24.7
203 17.4 0.0 38.5

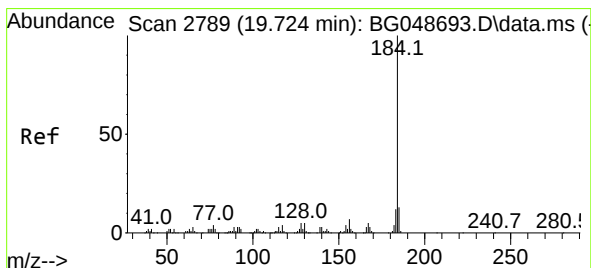
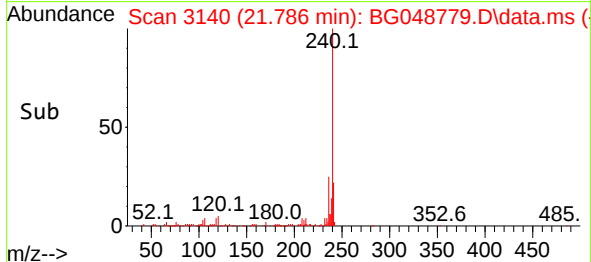
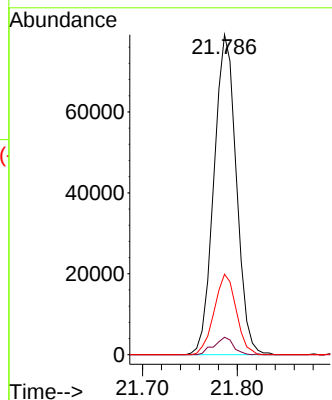
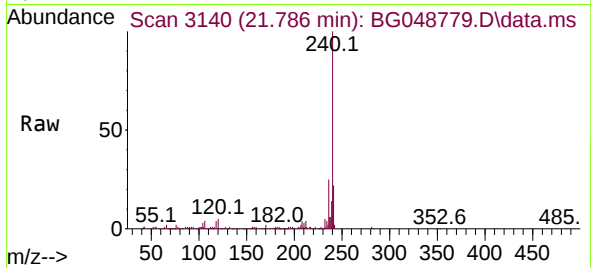




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

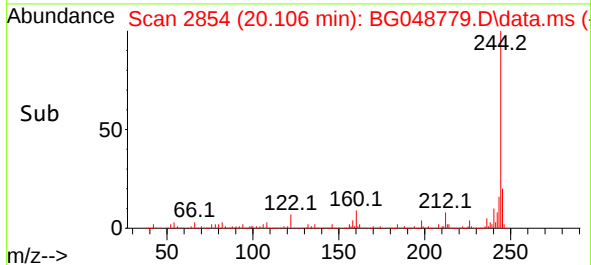
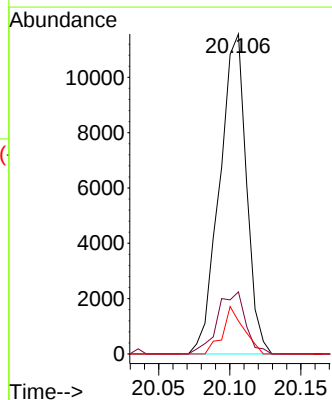
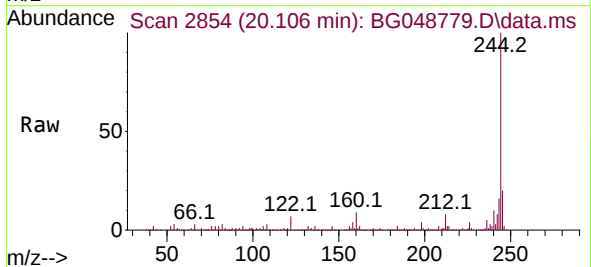
Instrument :
BNA_G
ClientSampleId :
MW-06

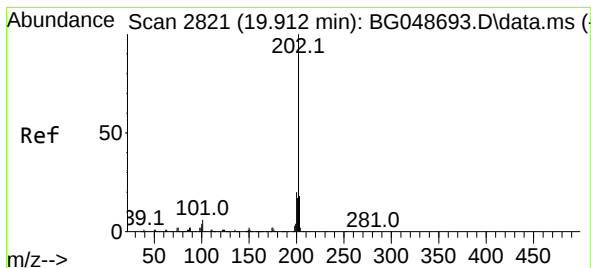
Tgt Ion:240 Resp: 129962
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.2 21.8 32.6



#77
Benzidine
Concen: 4.29 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048779.D
Acq: 20 Apr 2021 1:41

Tgt Ion:184 Resp: 15156
Ion Ratio Lower Upper
184 100
185 19.4 10.7 16.1#
183 10.3 9.4 14.0





#78

Pyrene

Concen: 2.59 ng

RT: 19.548 min Scan# 2759

Delta R.T. -0.365 min

Lab File: BG048779.D

Acq: 20 Apr 2021 1:41

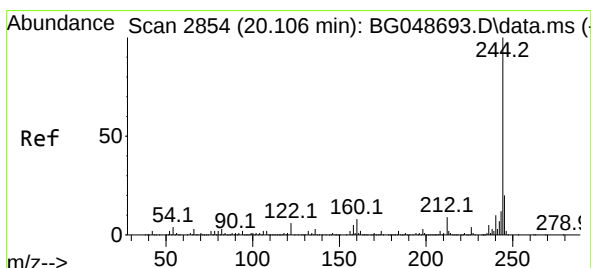
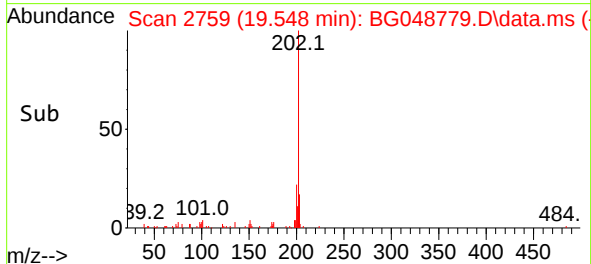
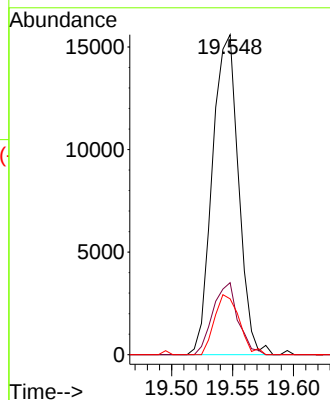
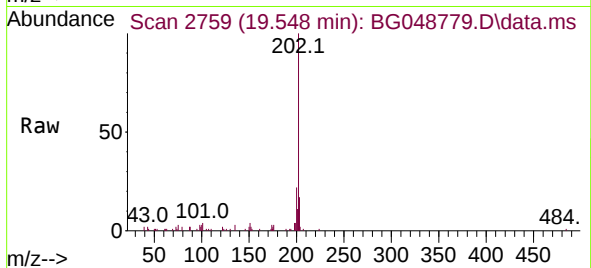
Tgt Ion:	202	Resp:	23256
Ion Ratio	Lower	Upper	
202	100		
200	22.5	15.8	23.8
203	17.4	14.6	21.8

Instrument :

BNA_G

ClientSampleId :

MW-06



#79

Terphenyl-d14

Concen: 100.26 ng

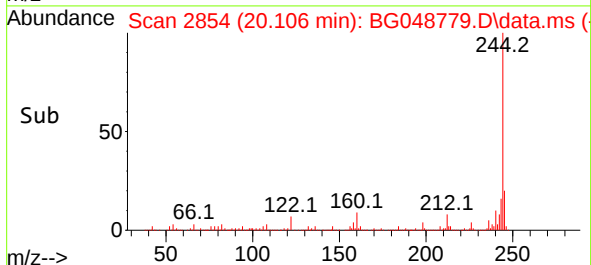
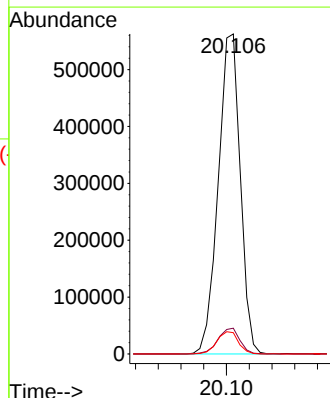
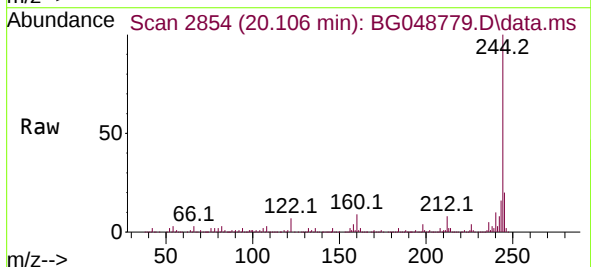
RT: 20.106 min Scan# 2854

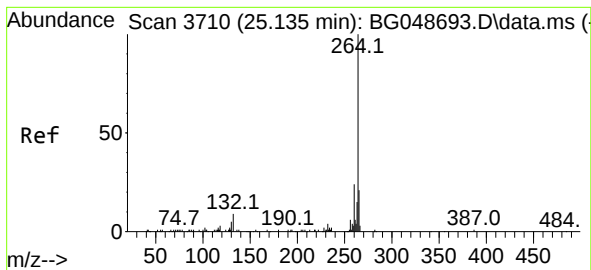
Delta R.T. -0.001 min

Lab File: BG048779.D

Acq: 20 Apr 2021 1:41

Tgt Ion:	244	Resp:	757098
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.9	10.3
122	6.7	5.0	7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.013 min
 Lab File: BG048779.D
 Acq: 20 Apr 2021 1:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:264 Resp: 131652
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 19.4 16.9 25.3

