

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048778.D
 Acq On : 20 Apr 2021 1:01
 Operator : CG/JU
 Sample : PB135840BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135840BL

Quant Time: Apr 20 05:51:44 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)

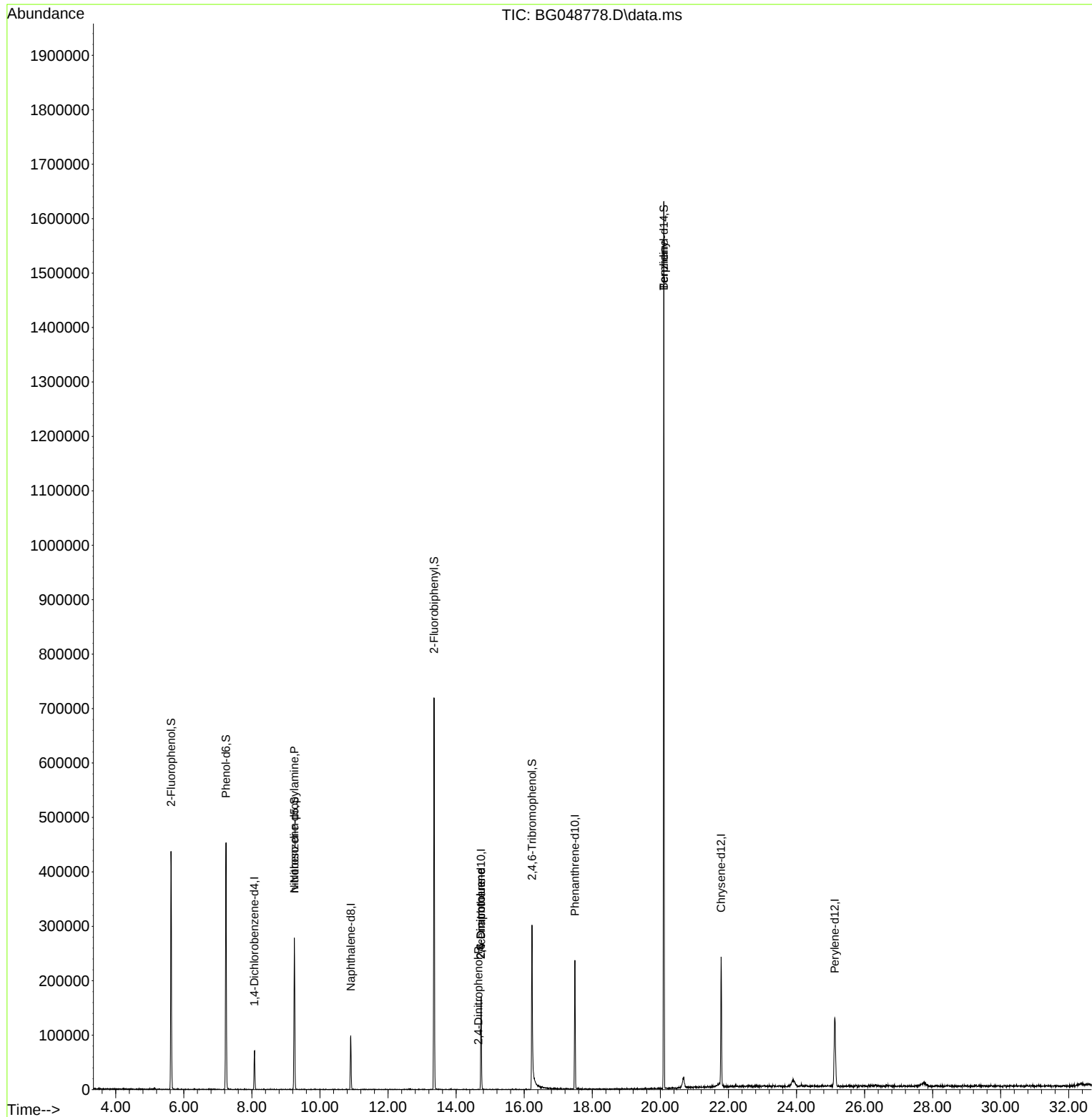
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	18040	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	75376	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	58021	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	150962	20.00	ng	0.00
76) Chrysene-d12	21.786	240	142068	20.00	ng	-0.01
86) Perylene-d12	25.124	264	142768	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	168721	156.42	ng	0.00
7) Phenol-d6	7.239	99	208316	136.54	ng	0.00
23) Nitrobenzene-d5	9.248	82	156545	92.98	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	65485	84.18	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	365012	90.85	ng	0.00
79) Terphenyl-d14	20.100	244	718403	87.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	24579	23.88	ng	# 72
51) 2,6-Dinitrotoluene	14.730	165	8710	8.67	ng	# 10
54) 2,4-Dinitrophenol	14.660	184	60	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.730	165	8710	5.97	ng	# 15
77) Benzidine	20.100	184	14609	3.79	ng	# 84

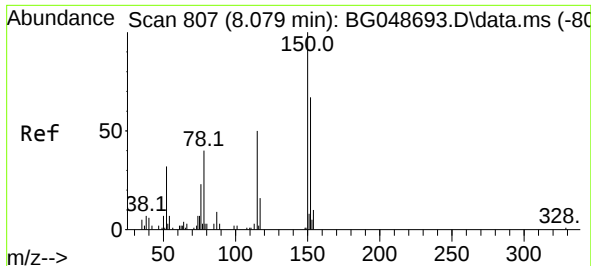
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048778.D
Acq On : 20 Apr 2021 1:01
Operator : CG/JU
Sample : PB135840BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135840BL

Quant Time: Apr 20 05:51:44 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

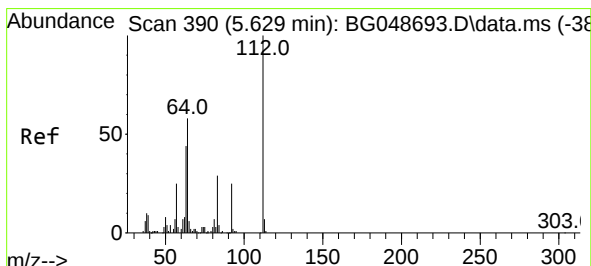
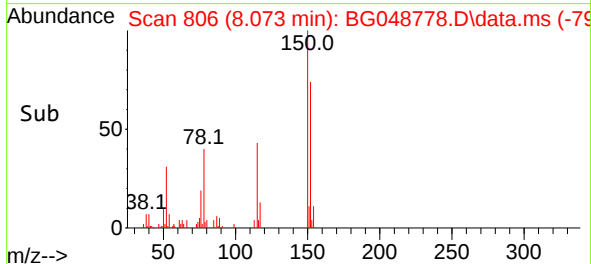
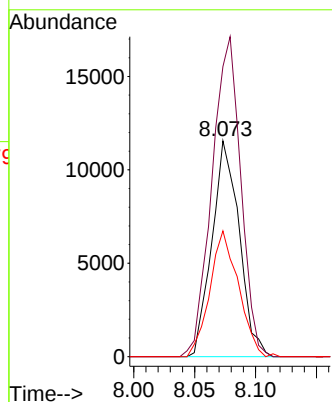
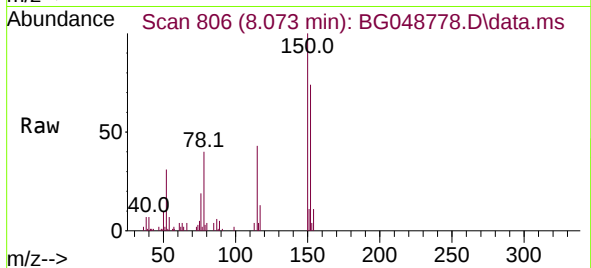




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

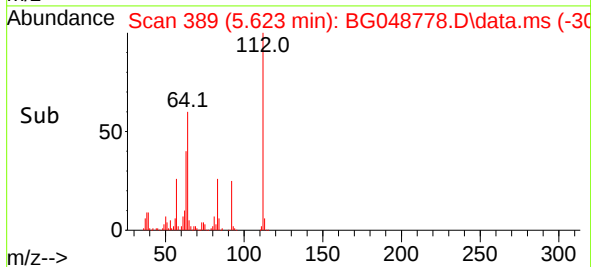
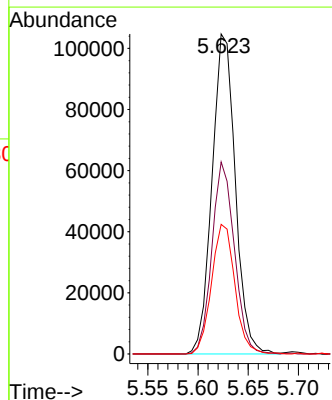
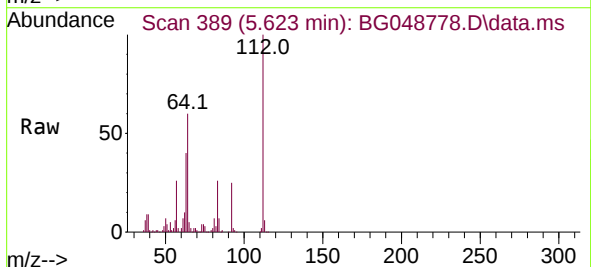
Instrument :
BNA_G
ClientSampleId :
PB135840BL

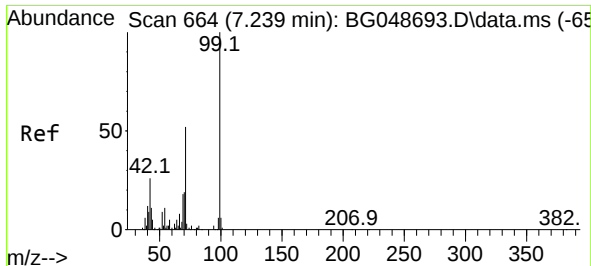
Tgt Ion:152 Resp: 18040
Ion Ratio Lower Upper
152 100
150 134.4 119.4 179.0
115 58.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 156.42 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:112 Resp: 168721
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 40.5 35.3 52.9

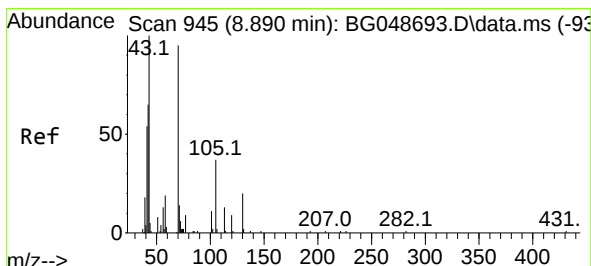
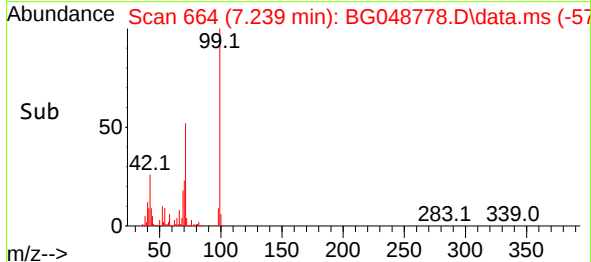
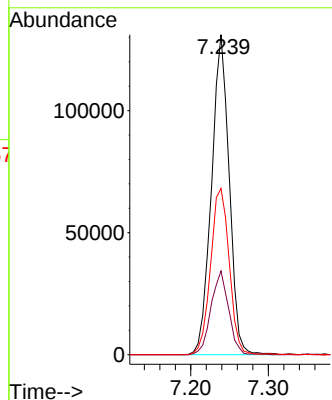
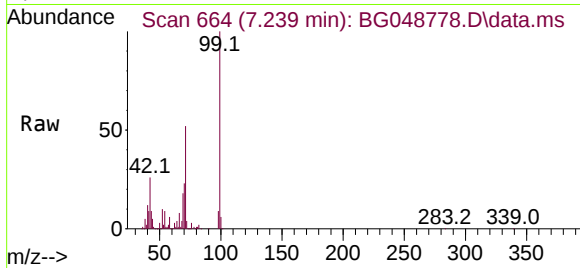




#7
Phenol-d6
Concen: 136.54 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

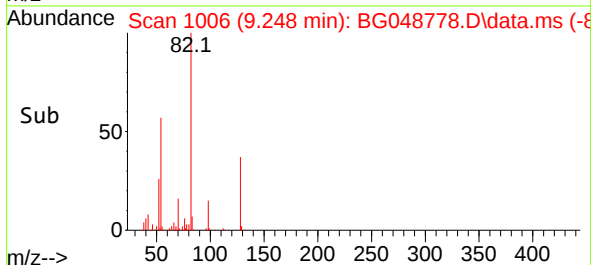
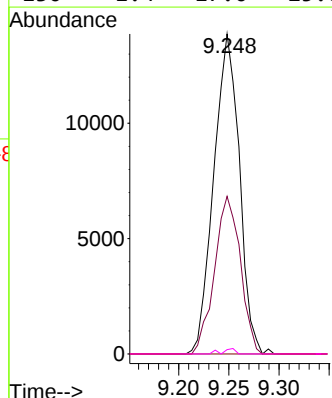
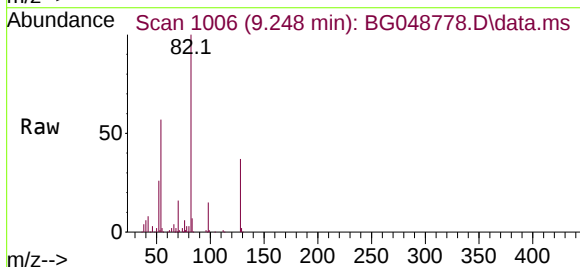
Instrument :
BNA_G
ClientSampleId :
PB135840BL

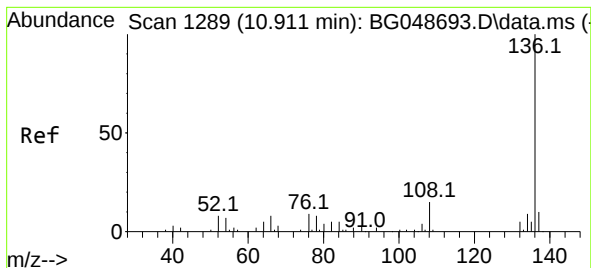
Tgt Ion: 99 Resp: 208316
Ion Ratio Lower Upper
99 100
42 26.1 20.5 30.7
71 52.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.88 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion: 70 Resp: 24579
Ion Ratio Lower Upper
70 100
42 49.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

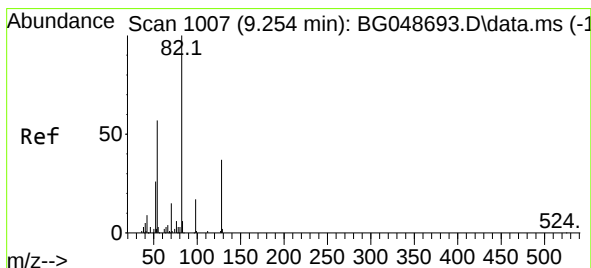
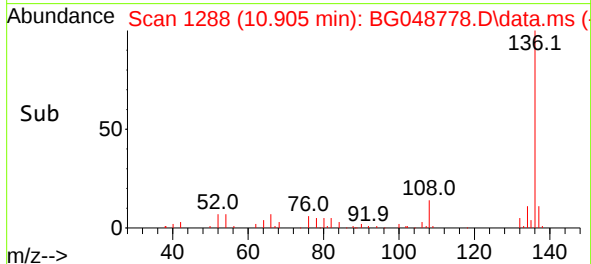
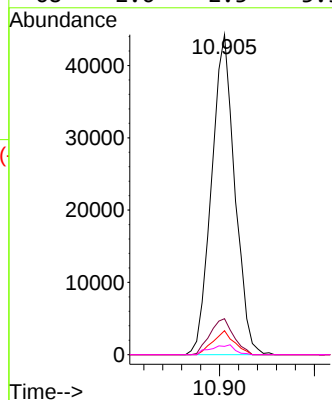
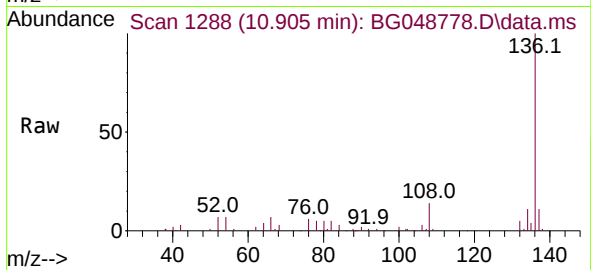




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

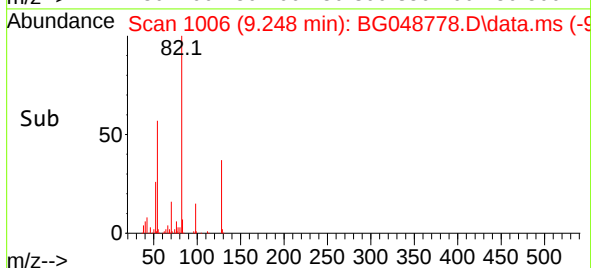
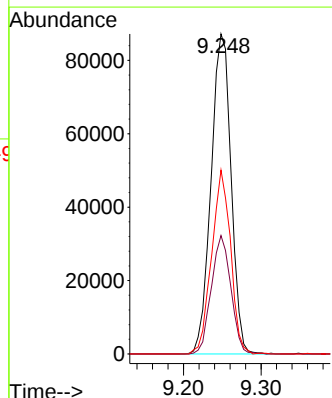
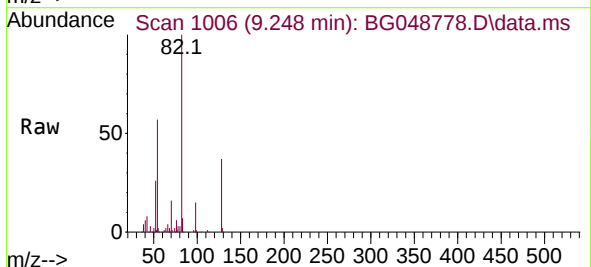
Instrument :
BNA_G
ClientSampleId :
PB135840BL

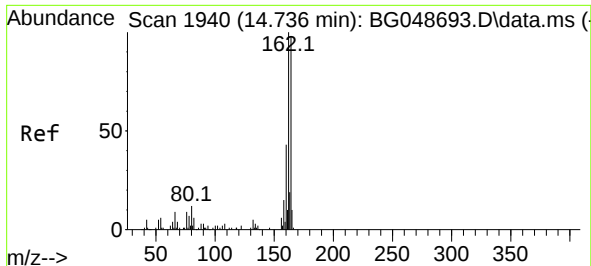
Tgt Ion:	136	Resp:	75376
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.2
54	7.5	5.5	8.3
68	2.6	2.3	3.5



#23
Nitrobenzene-d5
Concen: 92.98 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:	82	Resp:	156545
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.8	44.6
54	57.5	45.8	68.8

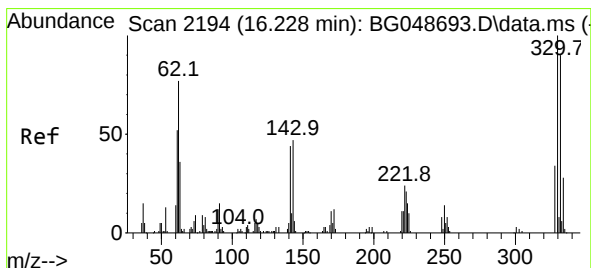
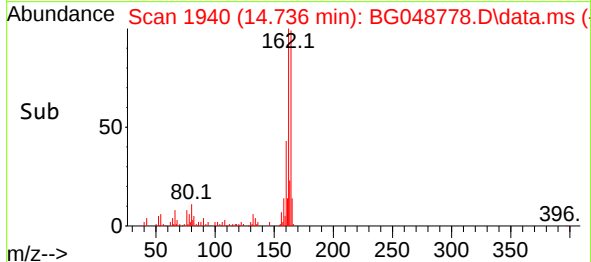
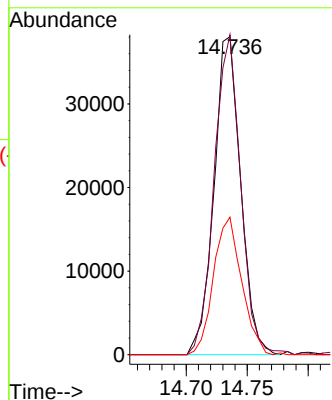
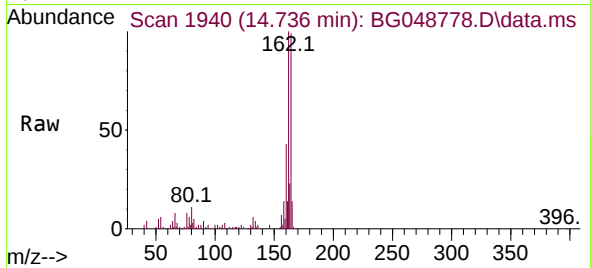




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

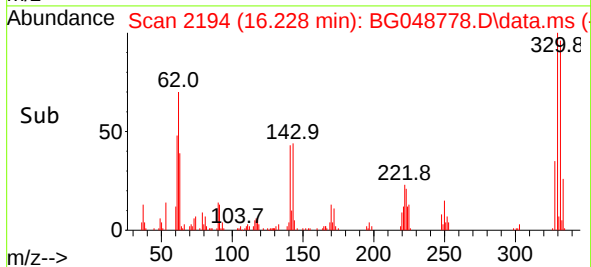
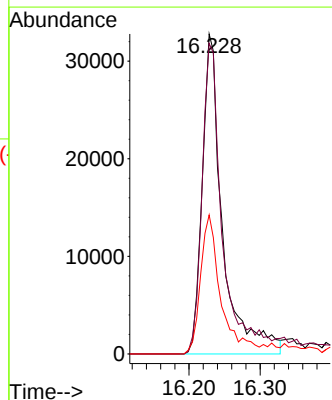
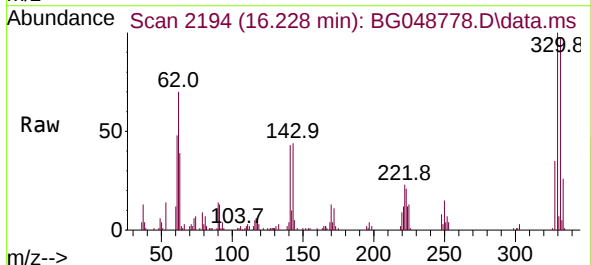
Instrument :
BNA_G
ClientSampleId :
PB135840BL

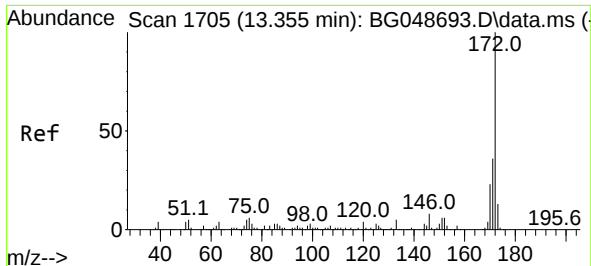
Tgt Ion:164 Resp: 58021
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 84.18 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:330 Resp: 65485
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 43.2 35.6 53.4

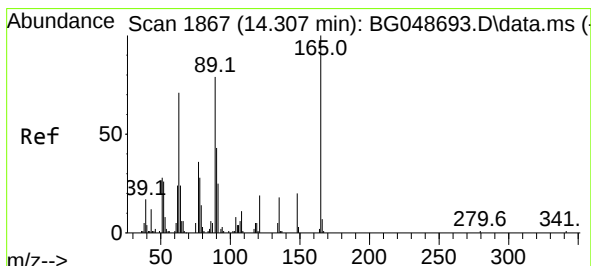
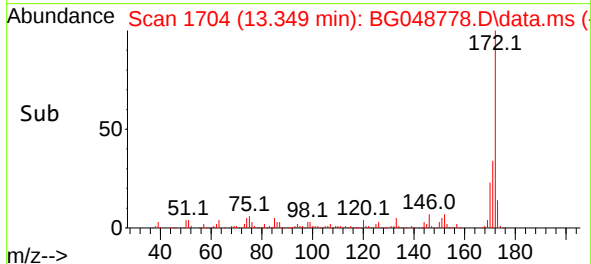
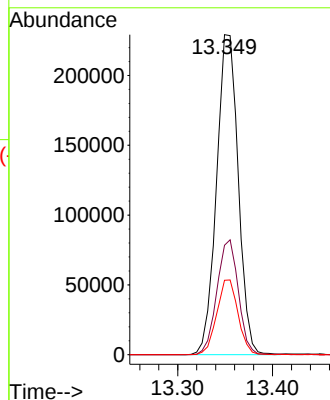
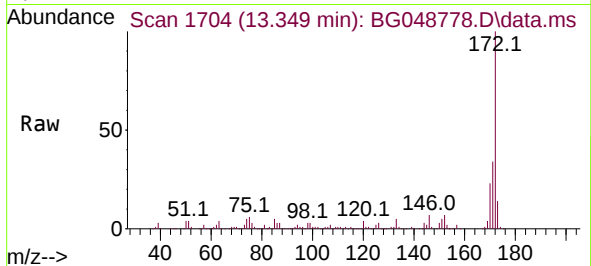




#45
2-Fluorobiphenyl
Concen: 90.85 ng
RT: 13.349 min Scan# 1704
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

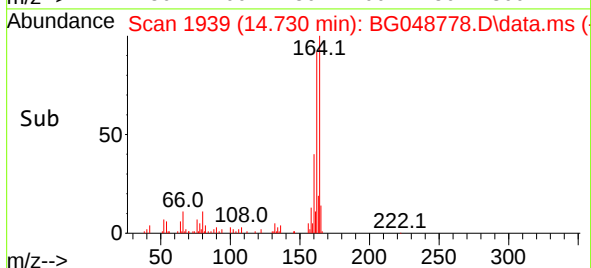
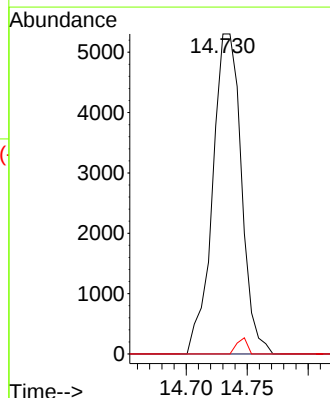
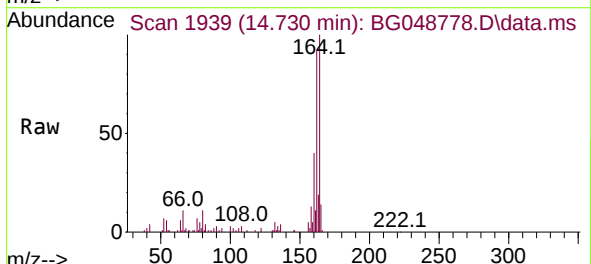
Instrument :
BNA_G
ClientSampleId :
PB135840BL

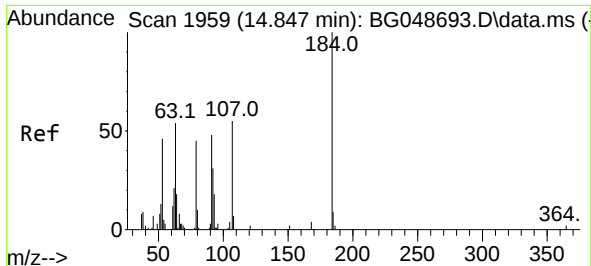
Tgt Ion:172 Resp: 365012
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:165 Resp: 8710
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

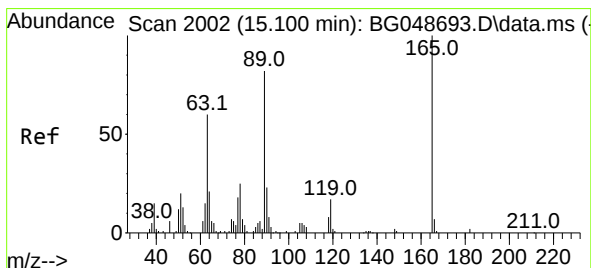
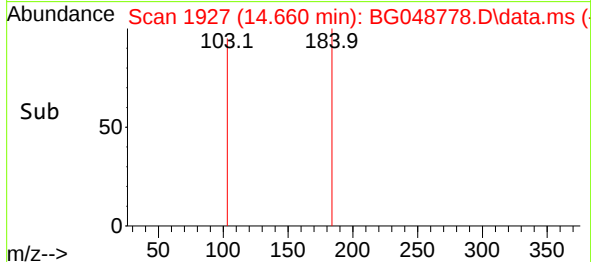
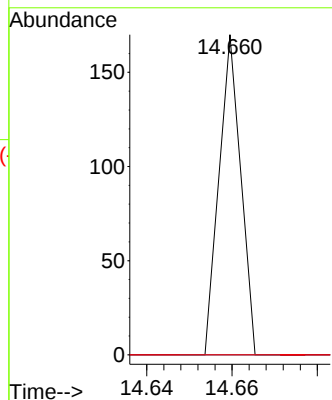
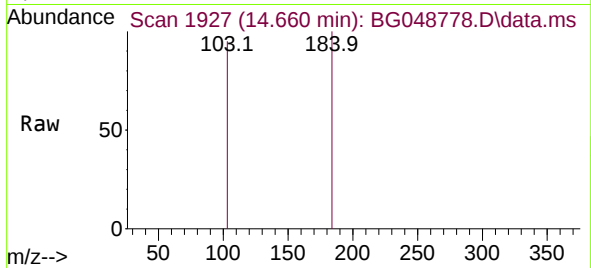




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.660 min Scan# 1927
Delta R.T. -0.195 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

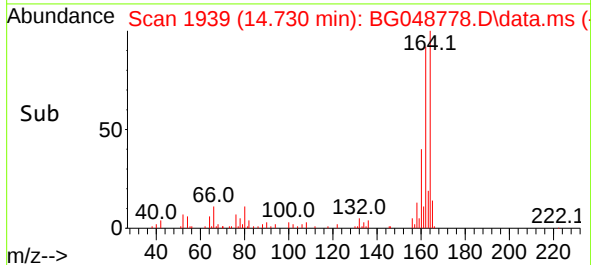
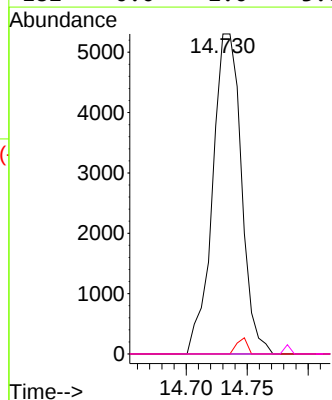
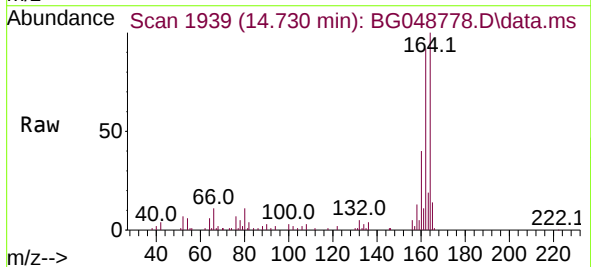
Instrument :
BNA_G
ClientSampleId :
PB135840BL

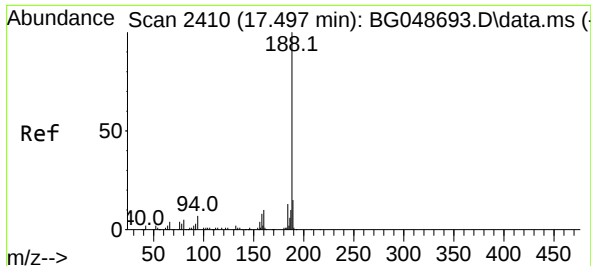
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:165 Resp: 8710
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#

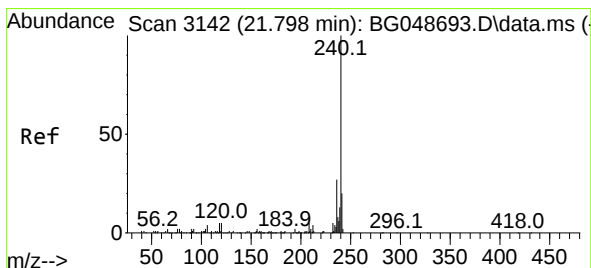
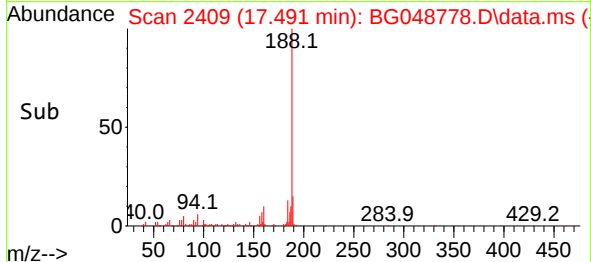
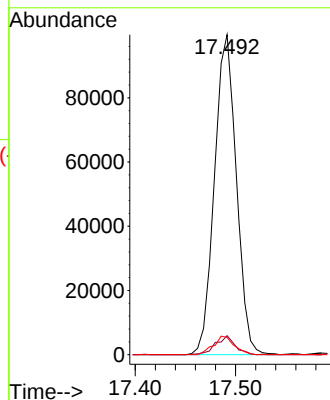
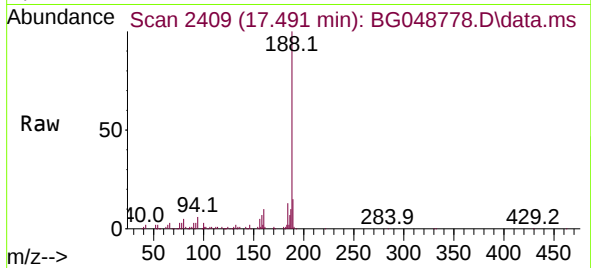




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

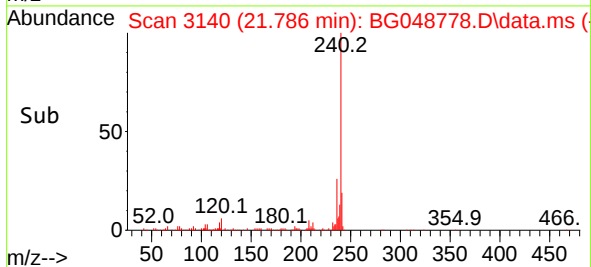
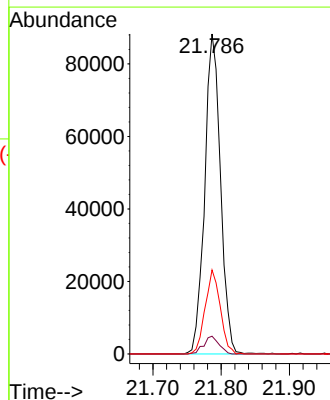
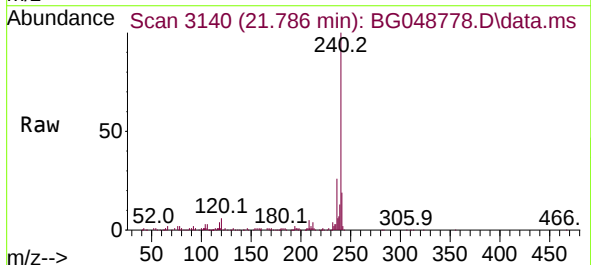
Instrument :
BNA_G
ClientSampleId :
PB135840BL

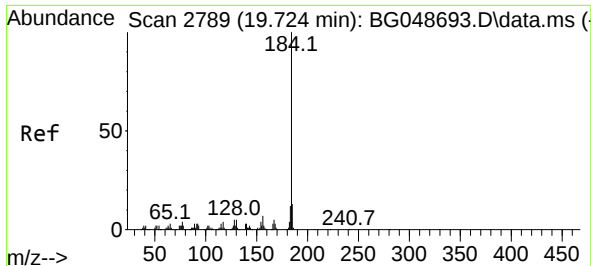
Tgt Ion:188 Resp: 150962
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 5.4 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:240 Resp: 142068
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.2 21.8 32.6

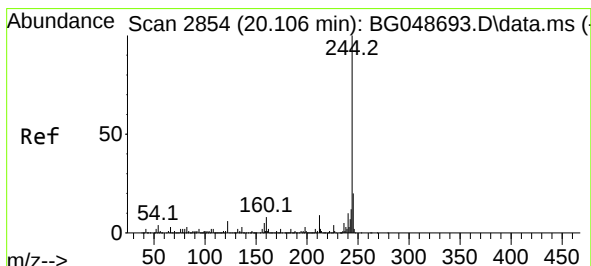
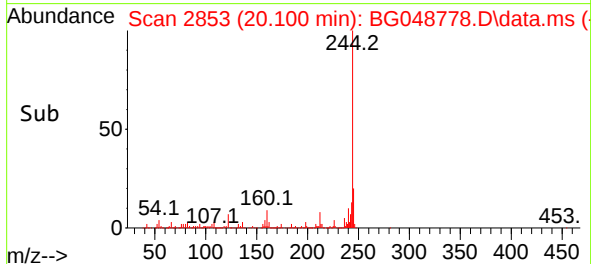
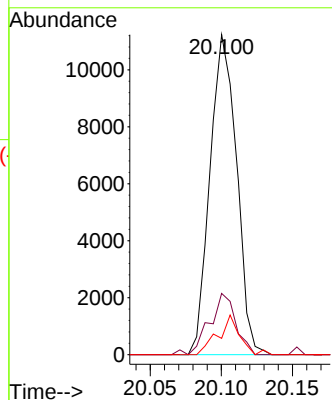
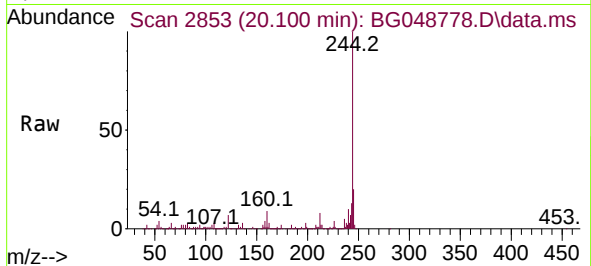




#77
Benzidine
Concen: 3.79 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

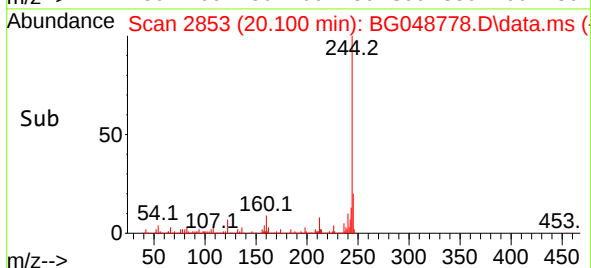
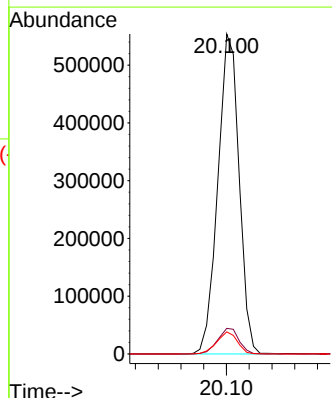
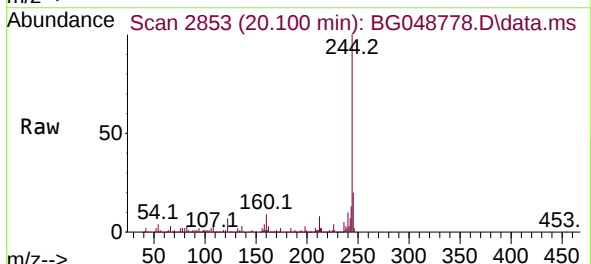
Instrument :
BNA_G
ClientSampleId :
PB135840BL

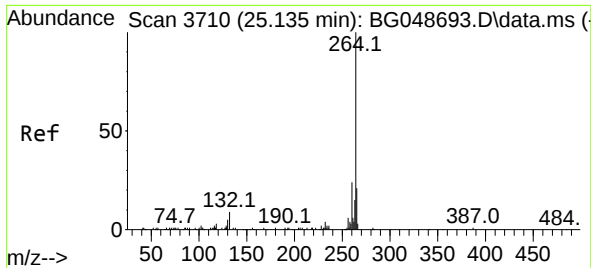
Tgt Ion:184 Resp: 14609
Ion Ratio Lower Upper
184 100
185 19.2 10.7 16.1#
183 5.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.03 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048778.D
Acq: 20 Apr 2021 1:01

Tgt Ion:244 Resp: 718403
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.9 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048778.D
 Acq: 20 Apr 2021 1:01

Instrument :
 BNA_G
 ClientSampleId :
 PB135840BL

Tgt Ion:264 Resp: 142768
 Ion Ratio Lower Upper
 264 100
 260 20.3 19.4 29.2
 265 21.2 16.9 25.3

