

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048737.D
 Acq On : 16 Apr 2021 23:30
 Operator : CG/JU
 Sample : M2026-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-1

Quant Time: Apr 17 04:21:26 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)

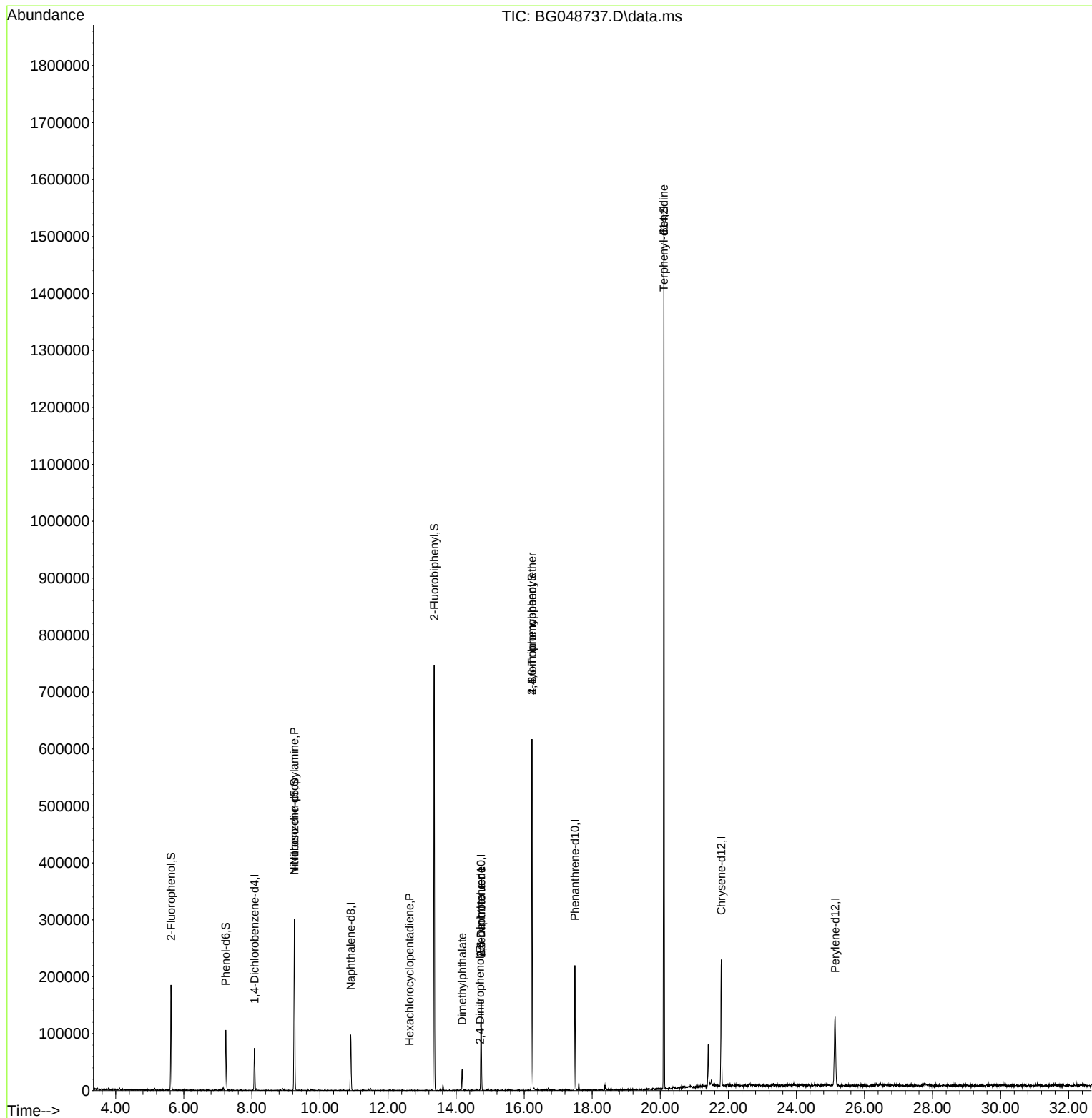
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	18636	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	74744	20.00	ng	# 0.00
39) Acenaphthene-d10	14.737	164	50865	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	127447	20.00	ng	0.00
76) Chrysene-d12	21.793	240	135574	20.00	ng	0.00
86) Perylene-d12	25.136	264	130931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.624	112	67167	60.28	ng	0.00
7) Phenol-d6	7.234	99	49765	31.57	ng	0.00
23) Nitrobenzene-d5	9.249	82	169231	101.37	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	97456	142.90	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	351049	99.67	ng	0.00
79) Terphenyl-d14	20.107	244	696591	88.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.249	70	25688	24.16	ng	# 79
41) Hexachlorocyclopentadiene	12.633	237	55	5.92	ng	# 31
50) Dimethylphthalate	14.179	163	22265	5.84	ng	# 96
51) 2,6-Dinitrotoluene	14.737	165	6504	7.39	ng	# 15
54) 2,4-Dinitrophenol	14.707	184	69	5.40	ng	# 8
57) 2,4-Dinitrotoluene	14.737	165	6504	5.09	ng	# 20
67) 4-Bromophenyl-phenylether	16.229	248	7346	5.01	ng	# 1
77) Benzidine	20.101	184	13704	3.72	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048737.D
Acq On : 16 Apr 2021 23:30
Operator : CG/JU
Sample : M2026-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-1

Quant Time: Apr 17 04:21:26 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

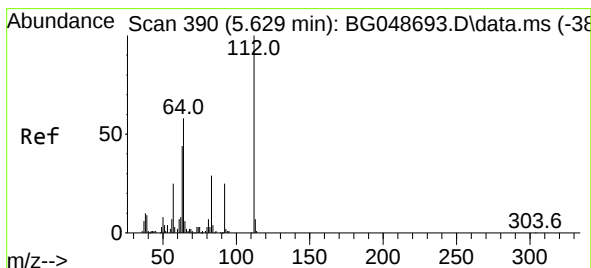
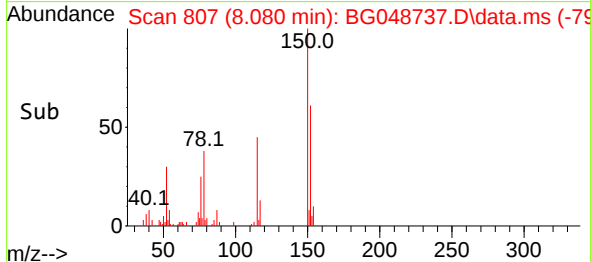
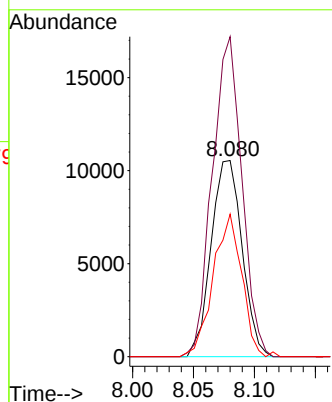
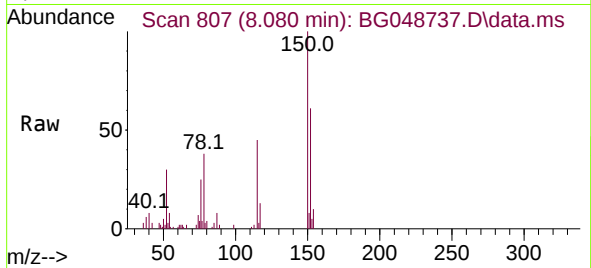




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

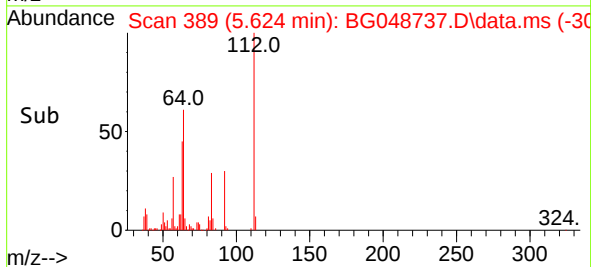
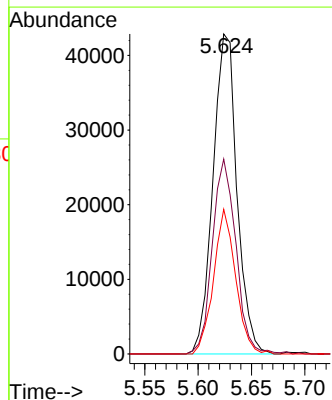
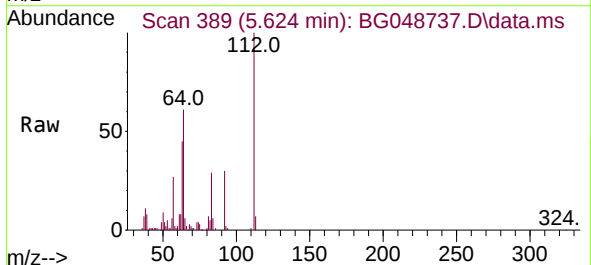
Instrument :
BNA_G
ClientSampleId :
FB-1

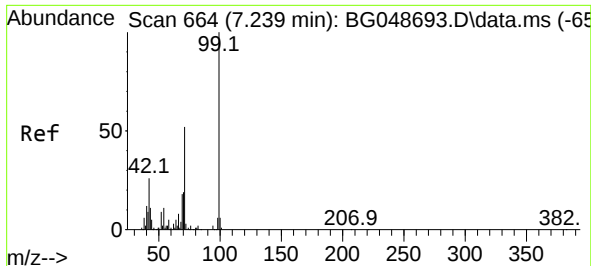
Tgt Ion:152 Resp: 18636
Ion Ratio Lower Upper
152 100
150 163.1 119.4 179.0
115 72.7 60.2 90.4



#5
2-Fluorophenol
Concen: 60.28 ng
RT: 5.624 min Scan# 389
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:112 Resp: 67167
Ion Ratio Lower Upper
112 100
64 60.9 46.7 70.1
63 45.2 35.3 52.9

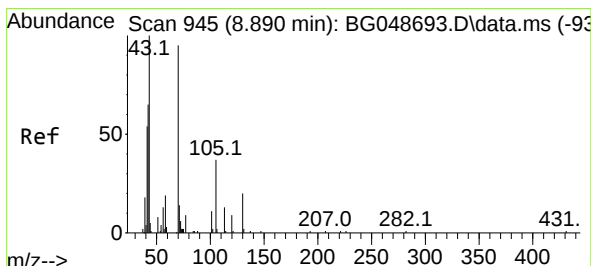
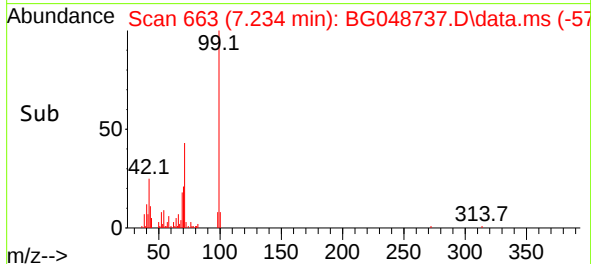
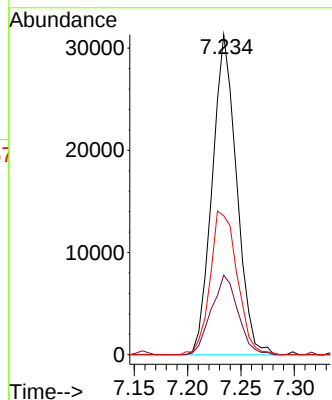
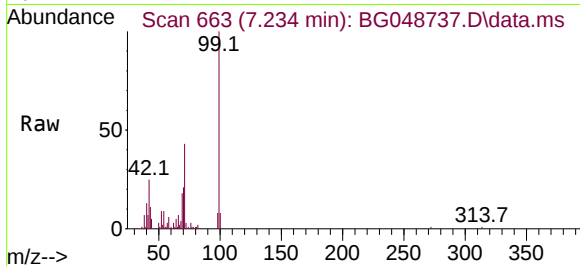




#7
Phenol-d6
Concen: 31.57 ng
RT: 7.234 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

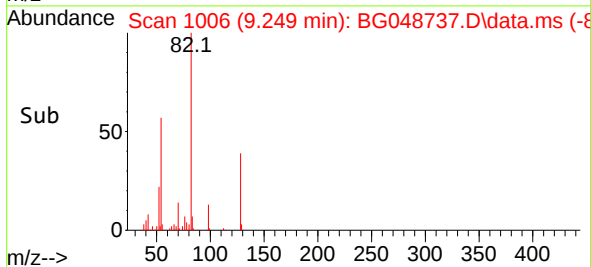
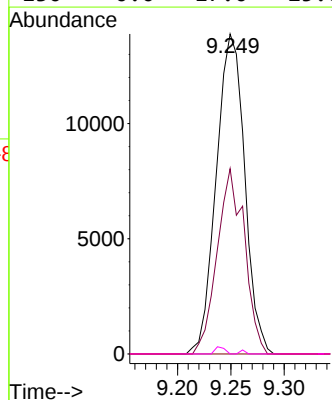
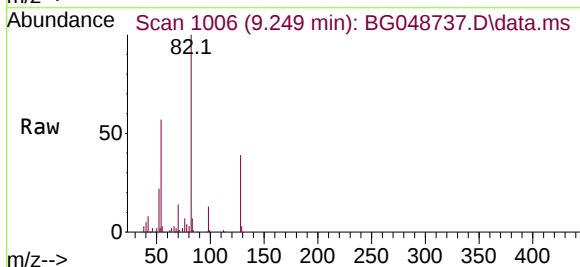
Instrument :
BNA_G
ClientSampleId :
FB-1

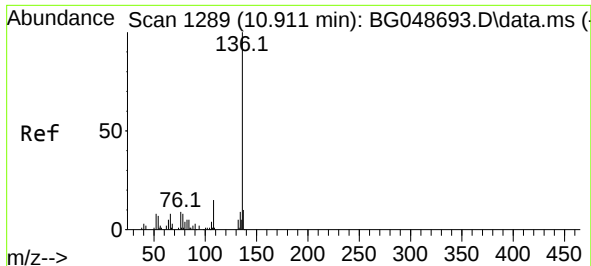
Tgt Ion: 99	Resp: 49765
Ion Ratio	Lower Upper
99 100	
42 24.8	20.5 30.7
71 43.4	41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.16 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion: 70	Resp: 25688
Ion Ratio	Lower Upper
70 100	
42 57.9	54.5 81.7
101 0.0	9.0 13.6#
130 0.0	17.0 25.6#

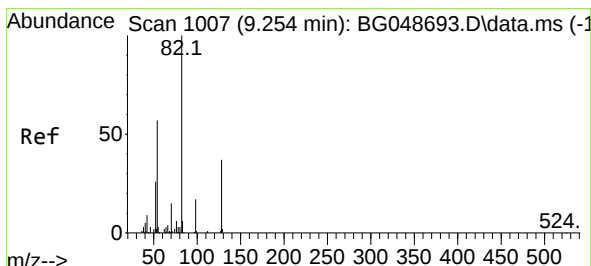
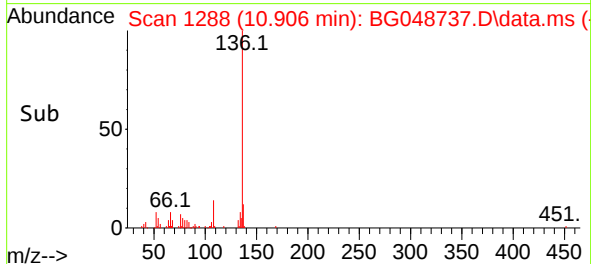
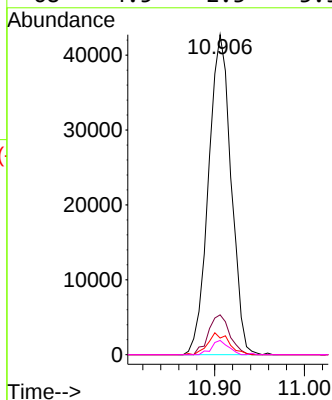
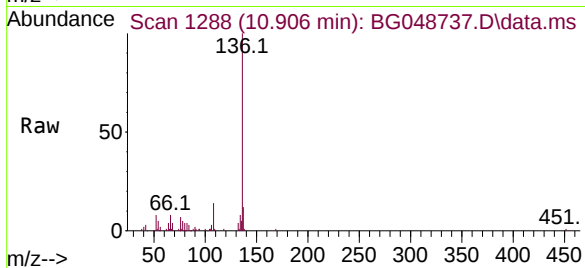




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

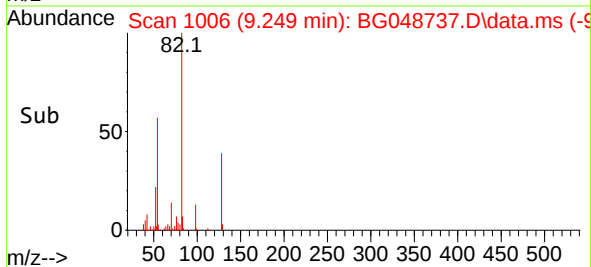
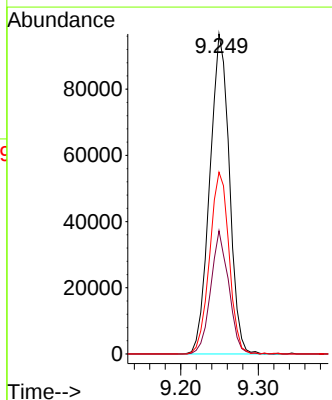
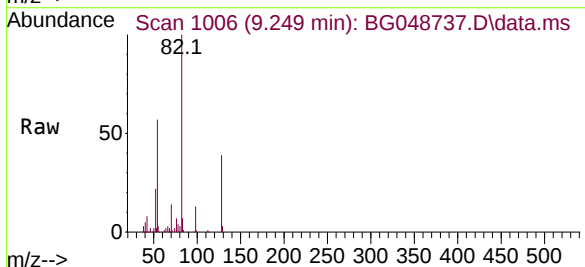
Instrument :
BNA_G
ClientSampled :
FB-1

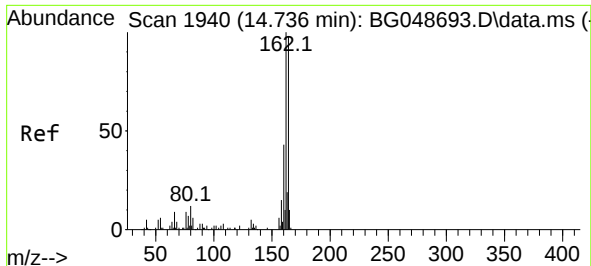
Tgt Ion:	136	Resp:	74744
Ion Ratio	100	Lower	Upper
136	100		
137	12.5	8.2	12.2#
54	5.2	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 101.37 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:	82	Resp:	169231
Ion Ratio	100	Lower	Upper
82	100		
128	38.5	29.8	44.6
54	56.8	45.8	68.8

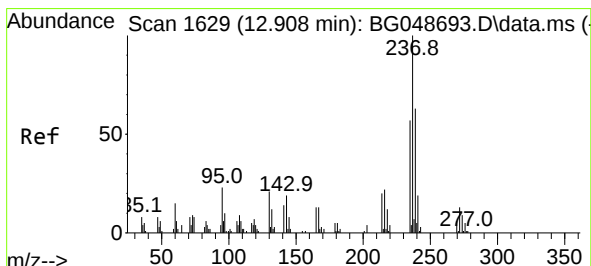
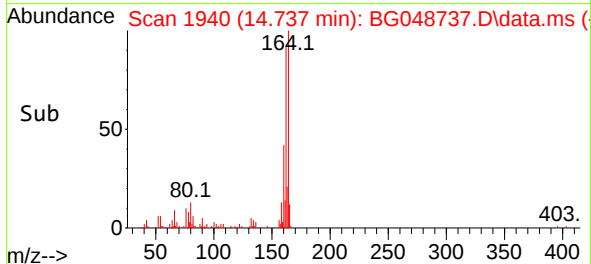
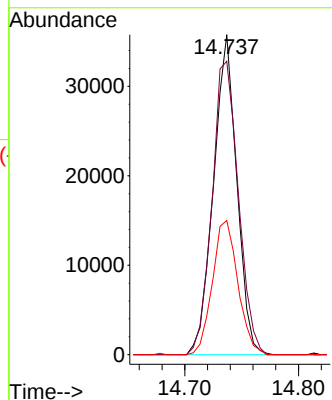
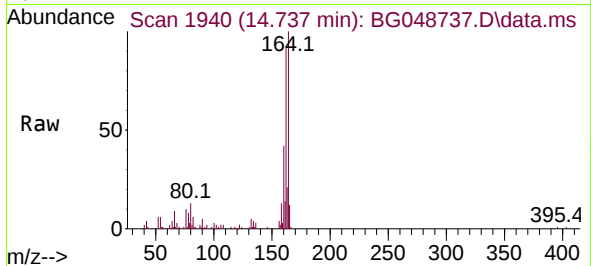




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

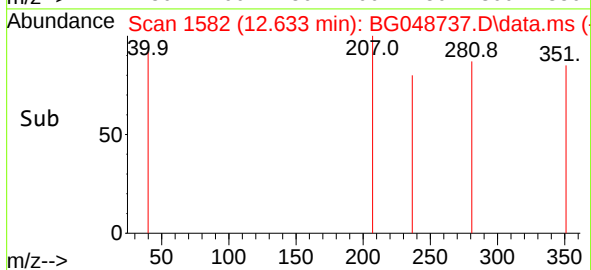
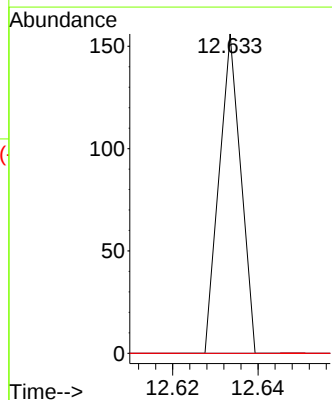
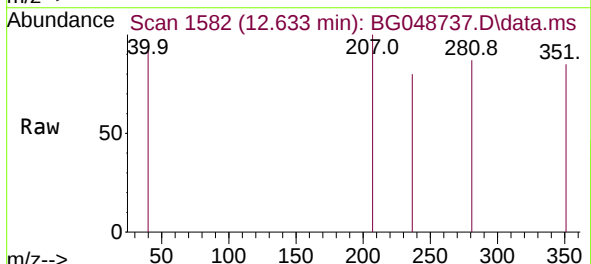
Instrument :
BNA_G
ClientSampleId :
FB-1

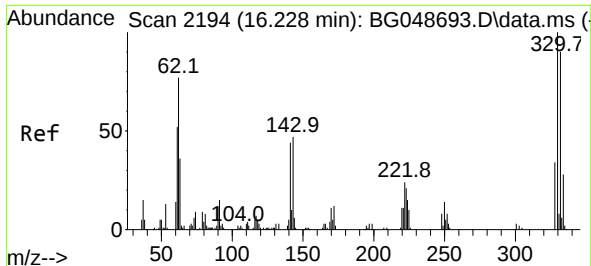
Tgt Ion:164 Resp: 50865
Ion Ratio Lower Upper
164 100
162 91.7 81.4 122.0
160 42.0 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.633 min Scan# 1582
Delta R.T. -0.276 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

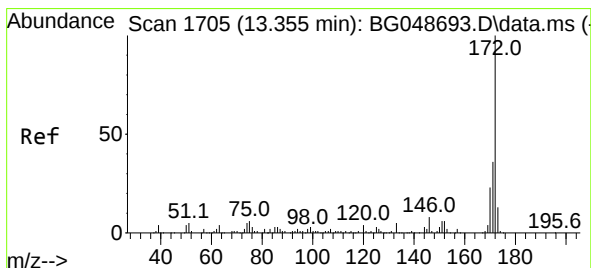
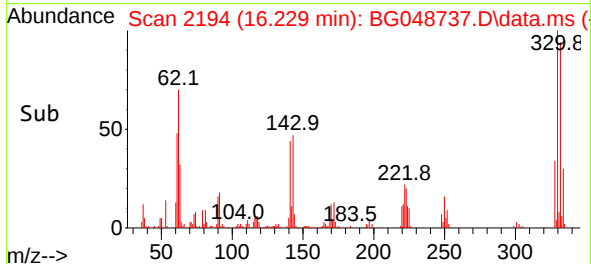
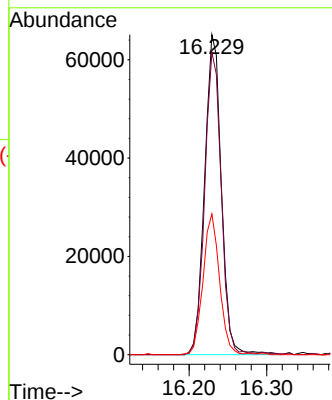
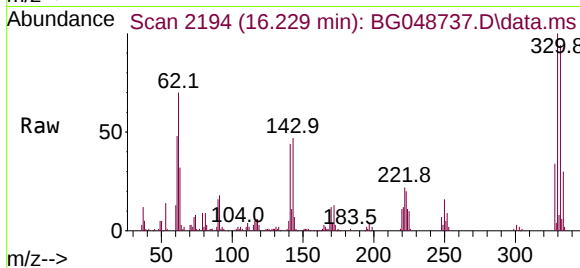




#42
2,4,6-Tribromophenol
Concen: 142.90 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

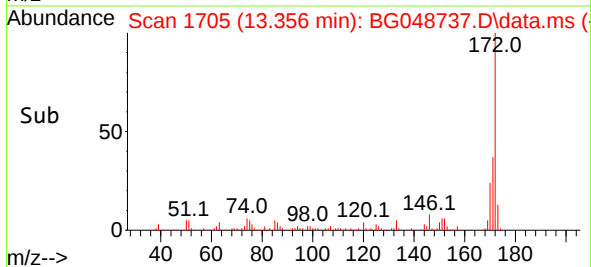
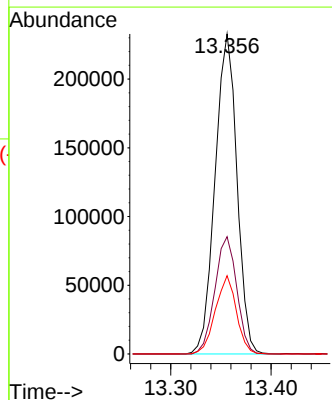
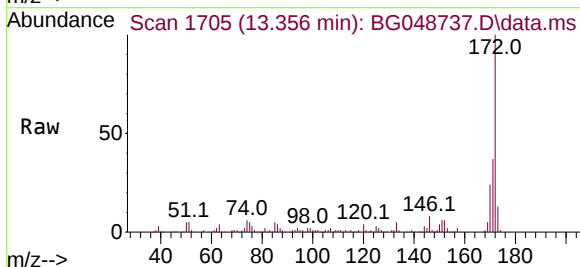
Instrument :
BNA_G
ClientSampleId :
FB-1

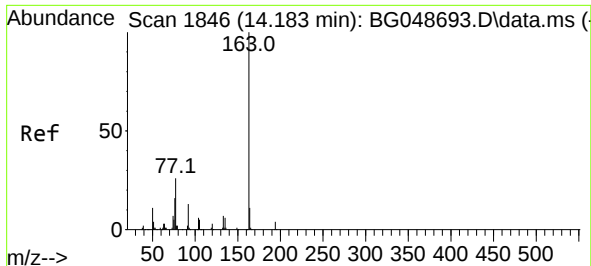
Tgt Ion:330 Resp: 97456
Ion Ratio Lower Upper
330 100
332 93.4 77.3 115.9
141 43.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 99.67 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:172 Resp: 351049
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.5 18.6 27.8

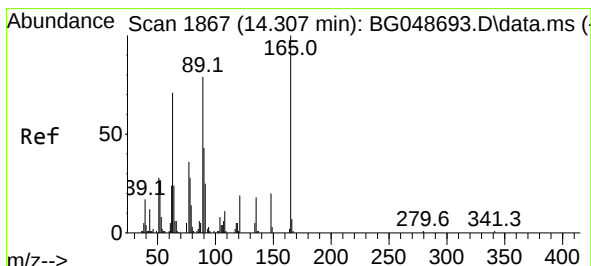
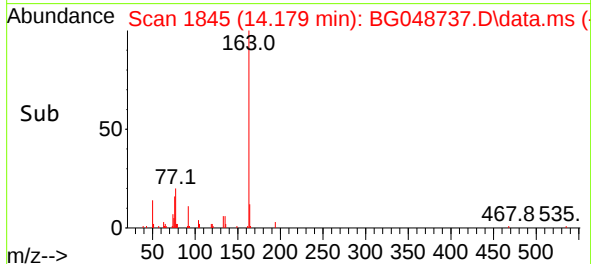
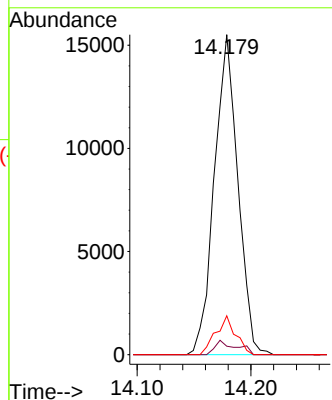
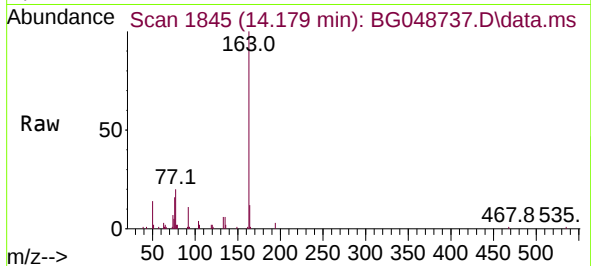




#50
Dimethylphthalate
Concen: 5.84 ng
RT: 14.179 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

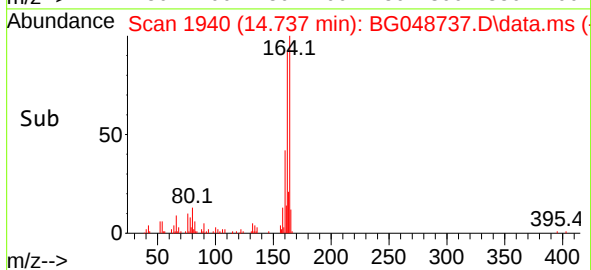
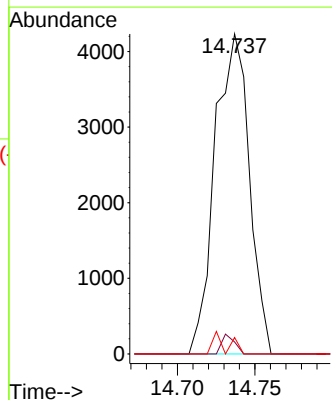
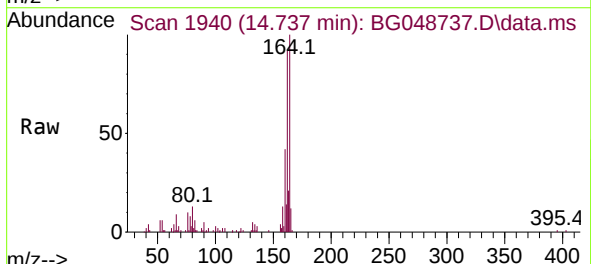
Instrument :
BNA_G
ClientSampled :
FB-1

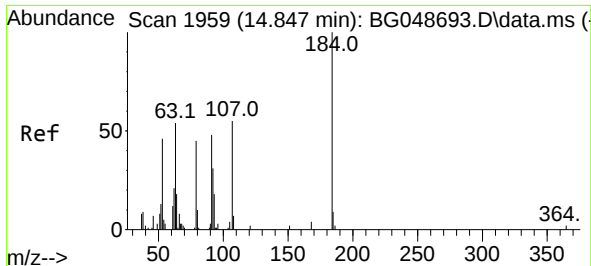
Tgt Ion:163 Resp: 22265
Ion Ratio Lower Upper
163 100
194 2.7 3.0 4.6#
164 12.2 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.39 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:165 Resp: 6504
Ion Ratio Lower Upper
165 100
63 3.7 63.3 94.9#
89 5.2 63.4 95.0#

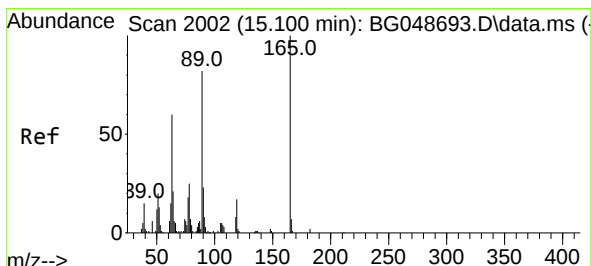
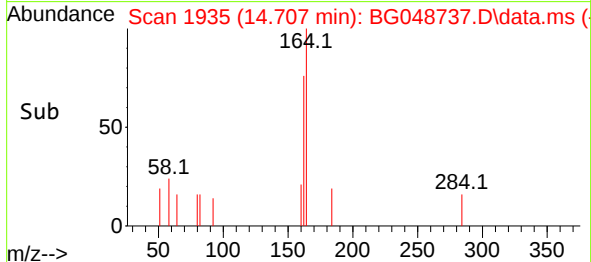
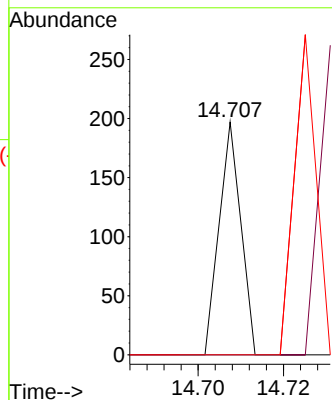
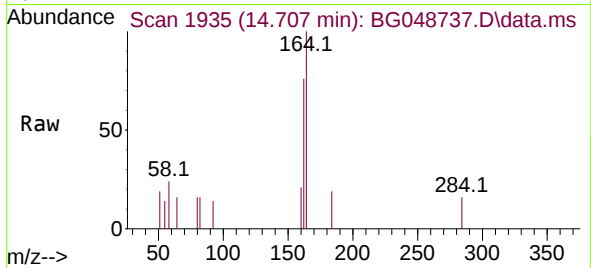




#54
2,4-Dinitrophenol
Concen: 5.40 ng
RT: 14.707 min Scan# 1935
Delta R.T. -0.147 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

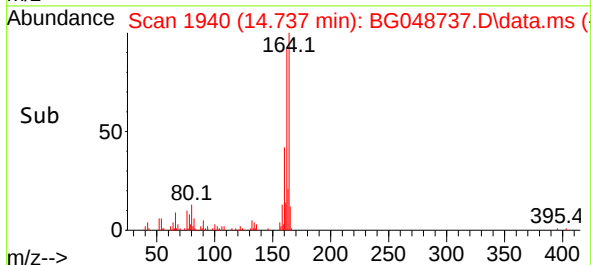
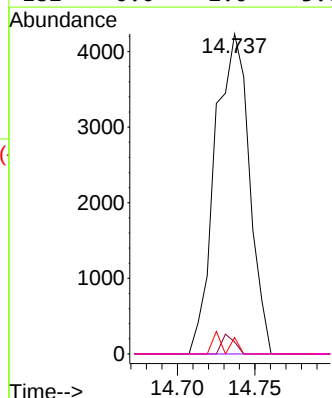
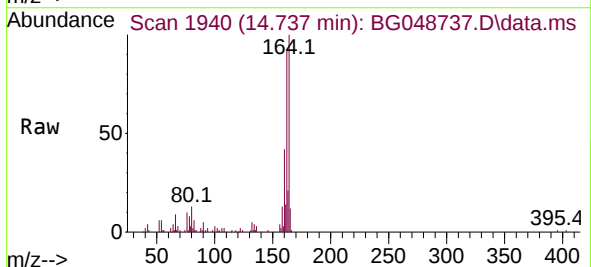
Instrument :
BNA_G
ClientSampled :
FB-1

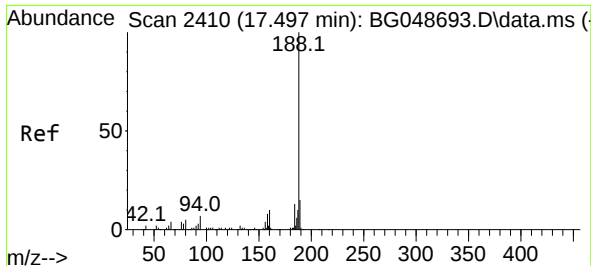
Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.09 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.364 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:165 Resp: 6504
Ion Ratio Lower Upper
165 100
63 3.7 48.0 72.0#
89 5.2 65.4 98.0#
182 0.0 2.0 3.0#

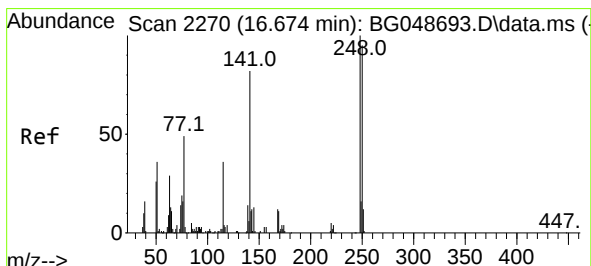
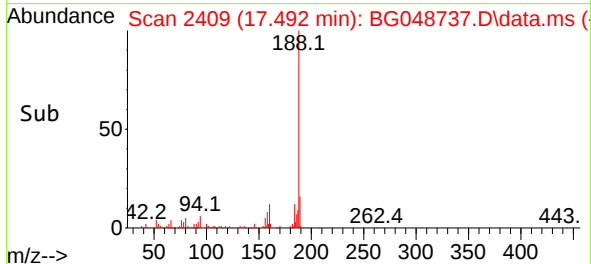
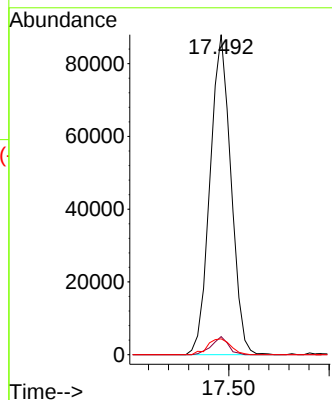
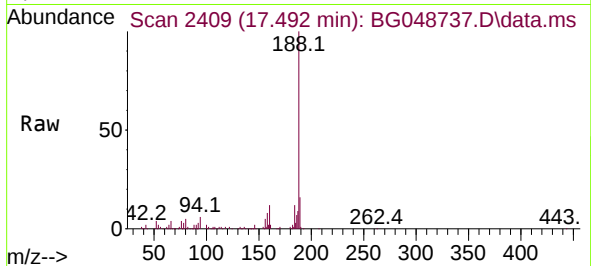




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

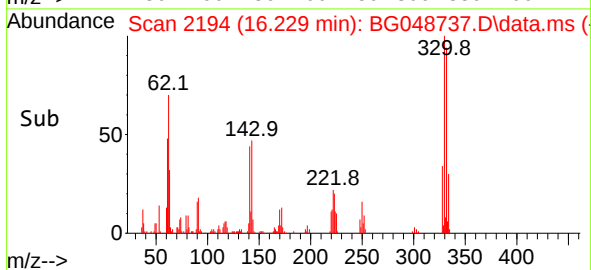
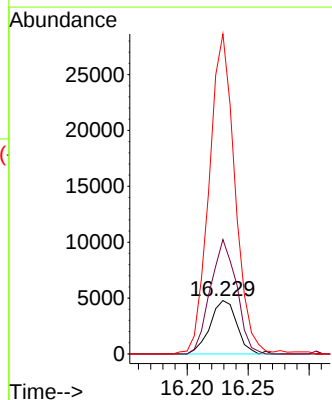
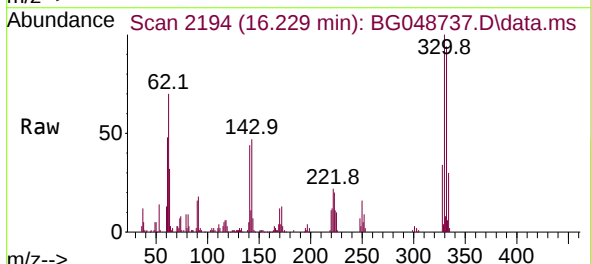
Instrument :
BNA_G
ClientSampled :
FB-1

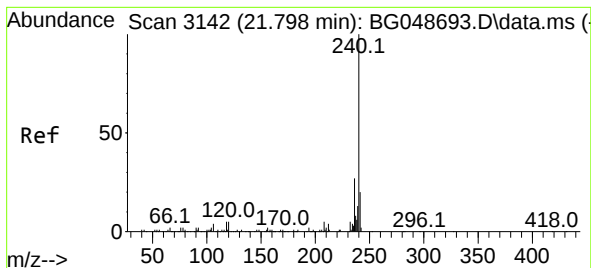
Tgt Ion:188 Resp: 127447
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 4.9 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 5.01 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:248 Resp: 7346
Ion Ratio Lower Upper
248 100
250 214.0 76.1 114.1#
141 598.7 65.4 98.2#

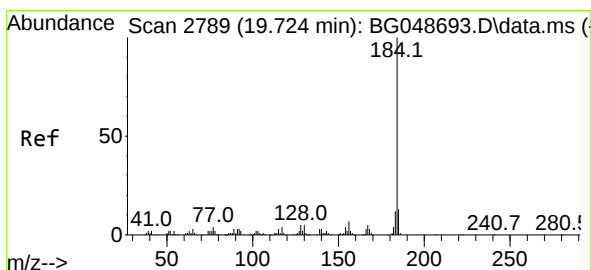
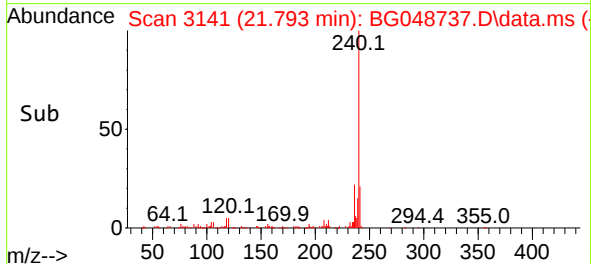
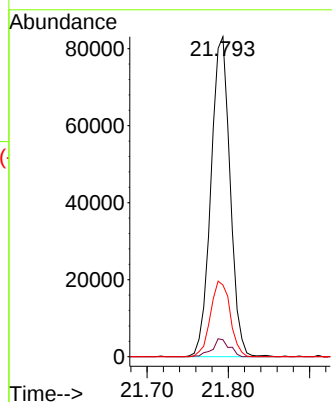
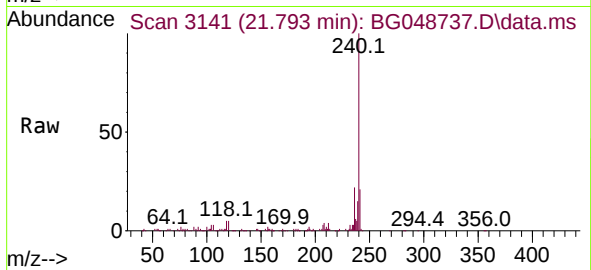




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

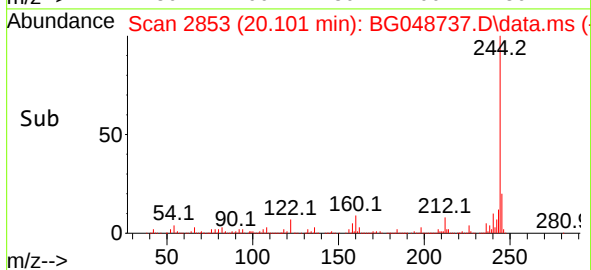
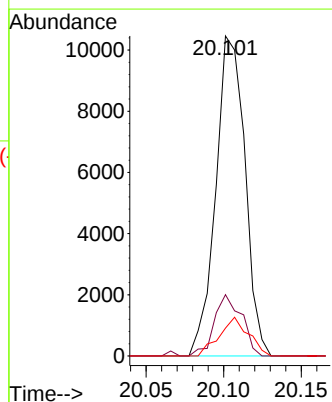
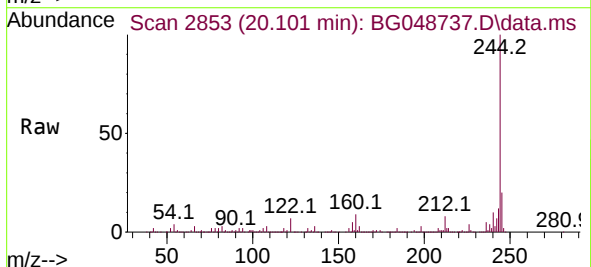
Instrument :
BNA_G
ClientSampleId :
FB-1

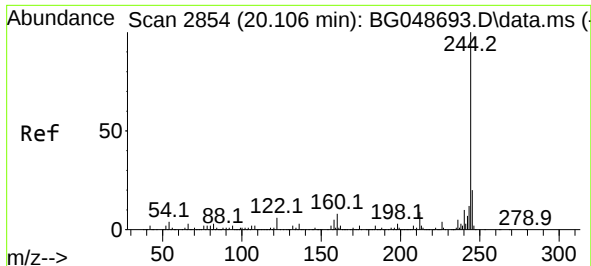
Tgt Ion:240 Resp: 135574
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 22.4 21.8 32.6



#77
Benzidine
Concen: 3.72 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048737.D
Acq: 16 Apr 2021 23:30

Tgt Ion:184 Resp: 13704
Ion Ratio Lower Upper
184 100
185 19.2 10.7 16.1#
183 8.7 9.4 14.0#

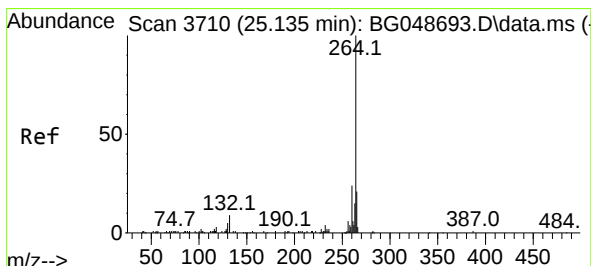
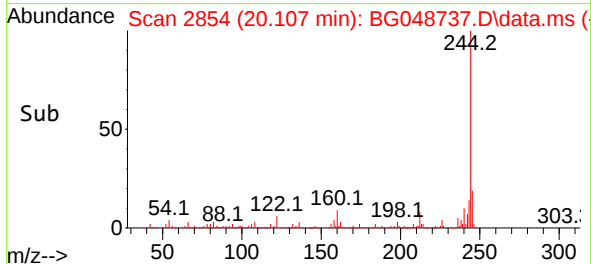
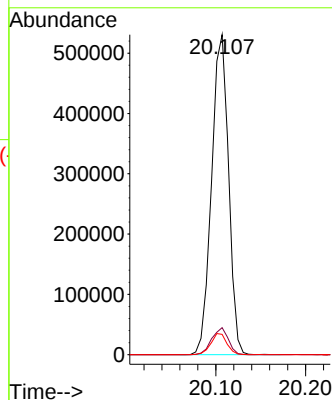
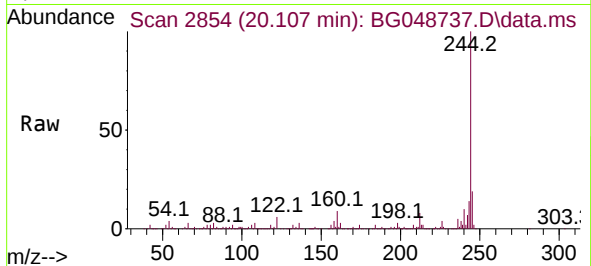




#79
 Terphenyl-d14
 Concen: 88.43 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.000 min
 Lab File: BG048737.D
 Acq: 16 Apr 2021 23:30

Instrument :
 BNA_G
 ClientSampleId :
 FB-1

Tgt Ion:244 Resp: 696591
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 6.3 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.006 min
 Lab File: BG048737.D
 Acq: 16 Apr 2021 23:30

Tgt Ion:264 Resp: 130931
 Ion Ratio Lower Upper
 264 100
 260 21.2 19.4 29.2
 265 22.8 16.9 25.3

