

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048684.D
 Acq On : 13 Apr 2021 21:43
 Operator : CG/JU
 Sample : M1966-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB 2021-04-06_GW

Quant Time: Apr 14 00:32:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

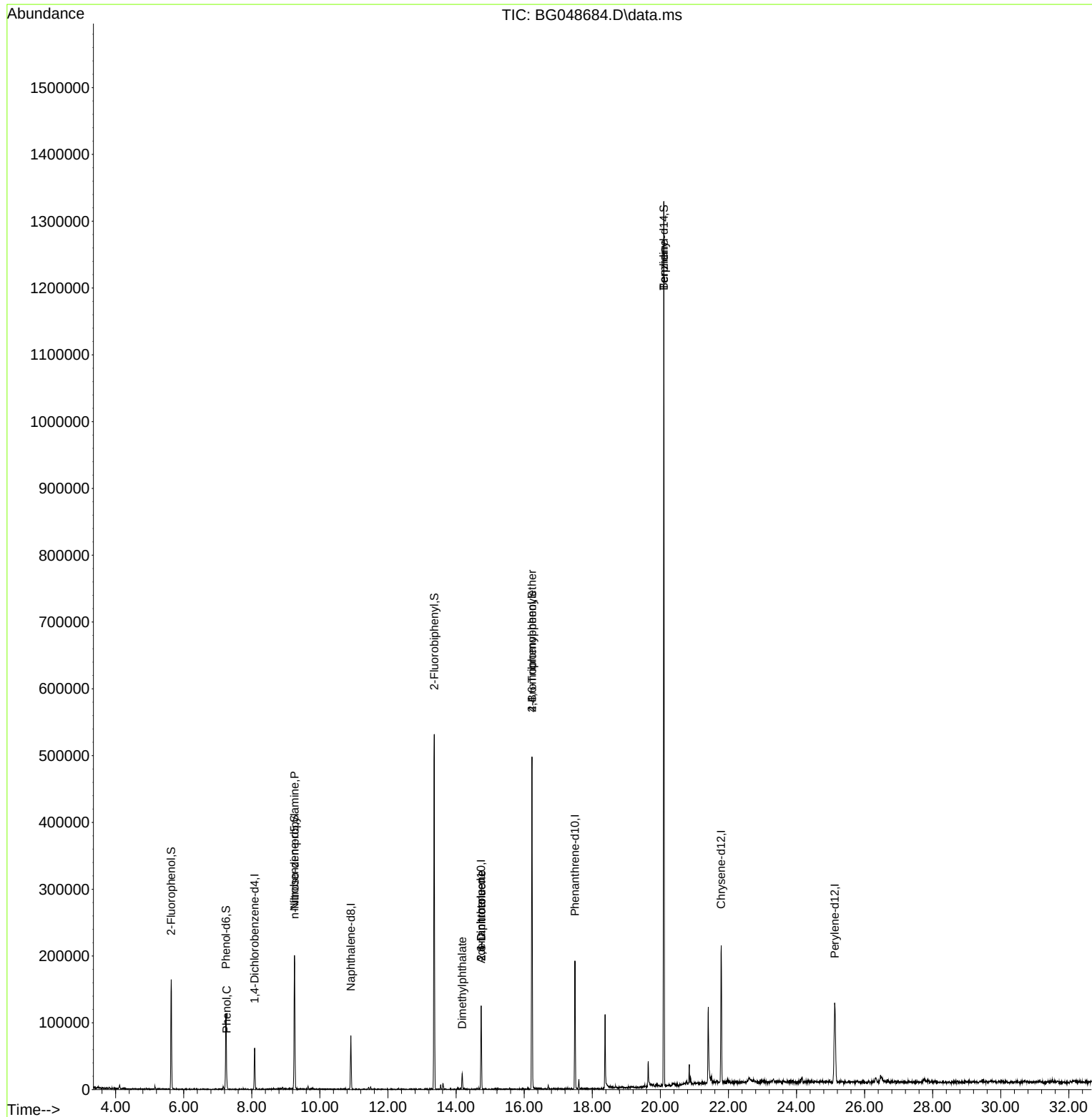
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	13867	20.00	ng	#-0.02
21) Naphthalene-d8	10.908	136	58456	20.00	ng	#-0.02
39) Acenaphthene-d10	14.733	164	43348	20.00	ng	-0.02
64) Phenanthrene-d10	17.489	188	116831	20.00	ng	-0.01
76) Chrysene-d12	21.784	240	124278	20.00	ng	-0.02
86) Perylene-d12	25.121	264	128954	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	61951	78.87	ng	0.00
7) Phenol-d6	7.242	99	50870	44.66	ng	0.00
23) Nitrobenzene-d5	9.251	82	111513	92.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.231	330	79785	140.02	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	247417	84.84	ng	-0.01
79) Terphenyl-d14	20.103	244	564683	83.09	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.265	94	2546	2.23	ng	# 80
19) n-Nitroso-di-n-propyla...	9.257	70	18383	23.41	ng	# 67
50) Dimethylphthalate	14.181	163	14485	4.50	ng	# 98
51) 2,6-Dinitrotoluene	14.739	165	6287	8.54	ng	# 21
57) 2,4-Dinitrotoluene	14.739	165	6287	6.04	ng	# 25
67) 4-Bromophenyl-phenylether	16.231	248	5690	4.39	ng	# 1
77) Benzidine	20.103	184	10974	2.61	ng	# 92

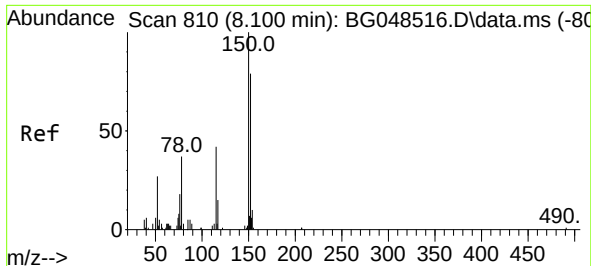
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048684.D
Acq On : 13 Apr 2021 21:43
Operator : CG/JU
Sample : M1966-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

Quant Time: Apr 14 00:32:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

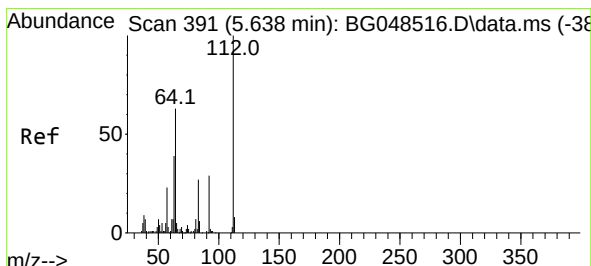
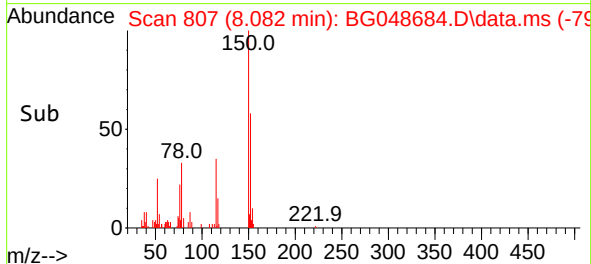
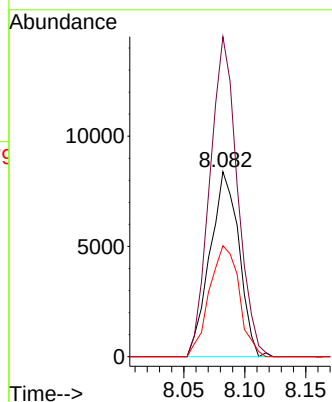
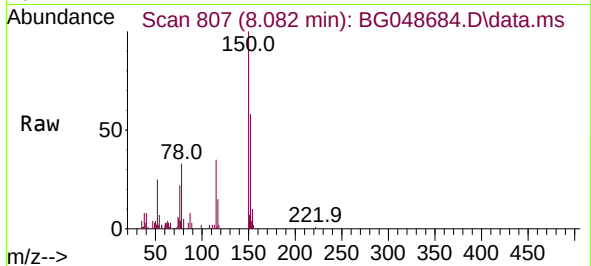




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.082 min Scan# 807
Delta R.T. -0.018 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

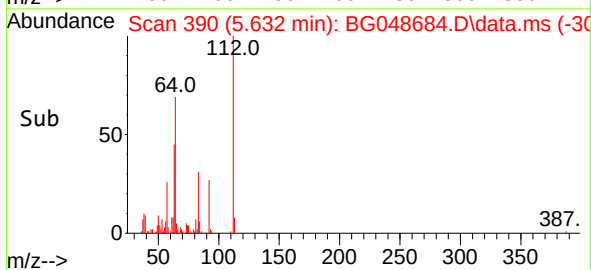
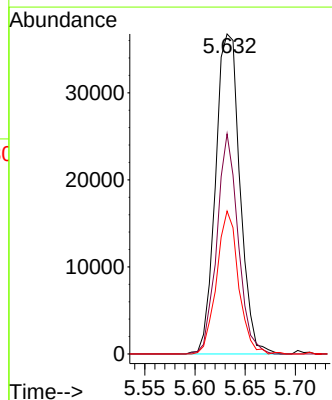
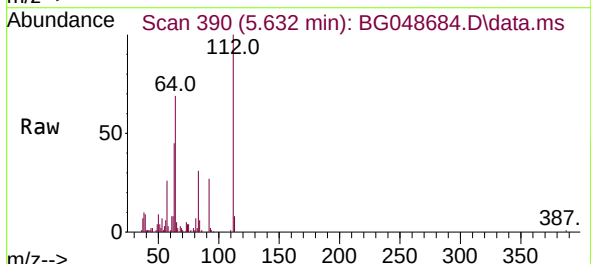
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

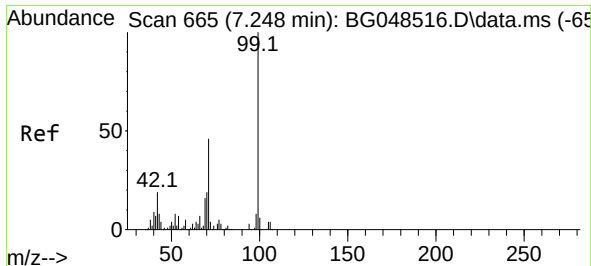
Tgt Ion:152 Resp: 13867
Ion Ratio Lower Upper
152 100
150 173.0 101.3 151.9#
115 60.0 42.3 63.5



#5
2-Fluorophenol
Concen: 78.87 ng
RT: 5.632 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion:112 Resp: 61951
Ion Ratio Lower Upper
112 100
64 68.8 50.4 75.6
63 44.6 31.4 47.2

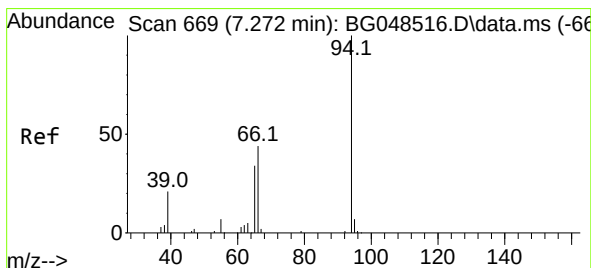
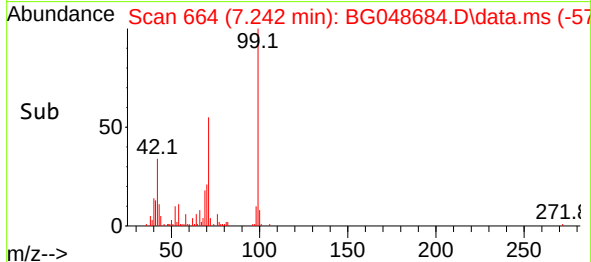
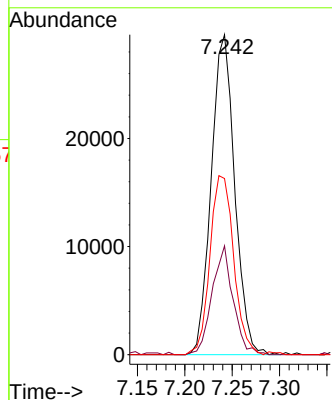
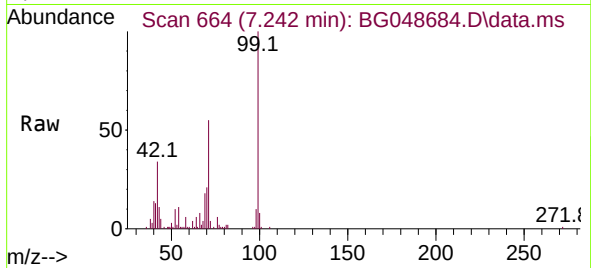




#7
Phenol-d6
Concen: 44.66 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

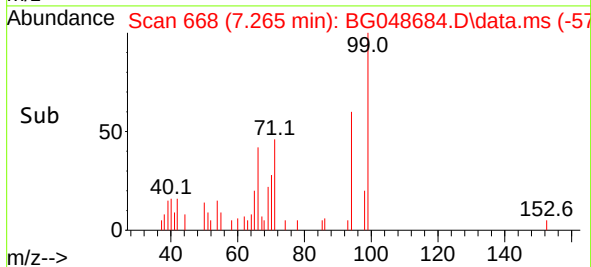
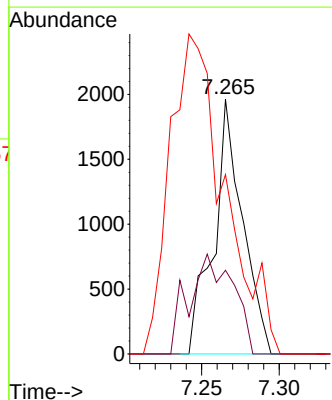
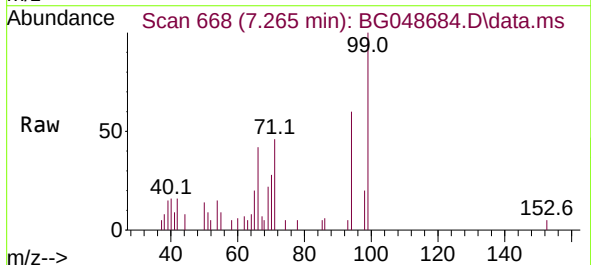
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

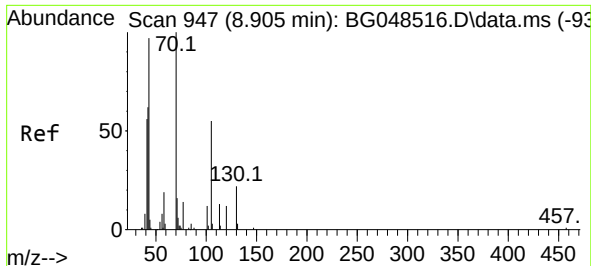
Tgt Ion: 99 Resp: 50870
Ion Ratio Lower Upper
99 100
42 34.0 15.5 23.3#
71 55.1 36.6 54.8#



#10
Phenol
Concen: 2.23 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.006 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion: 94 Resp: 2546
Ion Ratio Lower Upper
94 100
65 32.8 15.1 55.1
66 70.4 28.9 68.9#



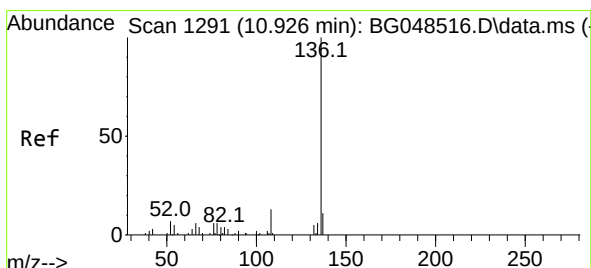
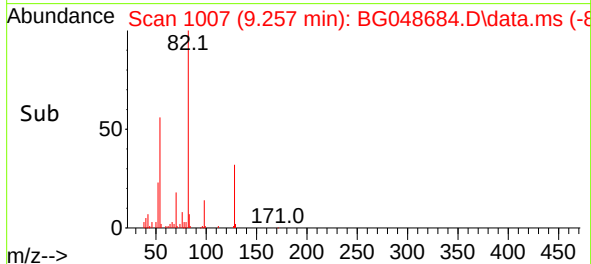
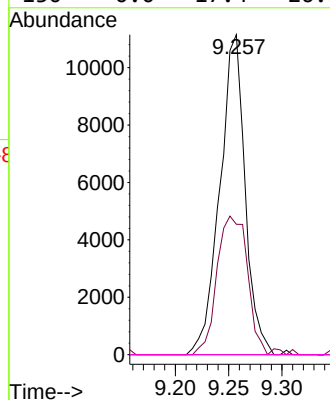
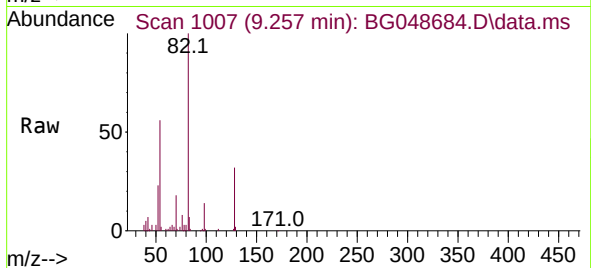


#19

n-Nitroso-di-n-propylamine
 Concen: 23.41 ng
 RT: 9.257 min Scan# 1007
 Delta R.T. 0.352 min
 Lab File: BG048684.D
 Acq: 13 Apr 2021 21:43

Instrument :
 BNA_G
 ClientSampleId :
 EB 2021-04-06_GW

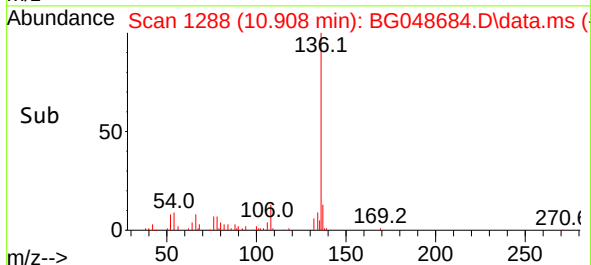
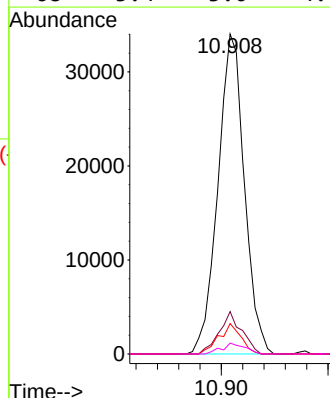
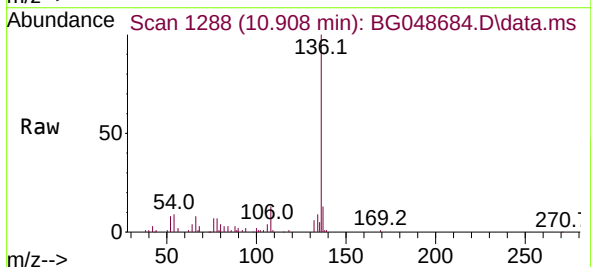
Tgt Ion: 70	Resp: 18383
Ion Ratio	Lower Upper
70	100
42	40.7 50.8 76.2#
101	0.0 9.7 14.5#
130	0.0 17.4 26.0#

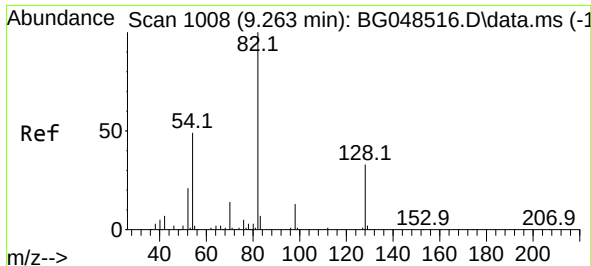


#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.908 min Scan# 1288
 Delta R.T. -0.018 min
 Lab File: BG048684.D
 Acq: 13 Apr 2021 21:43

Tgt Ion: 136	Resp: 58456
Ion Ratio	Lower Upper
136	100
137	13.3 8.6 12.8#
54	9.5 4.2 6.4#
68	3.4 3.0 4.4

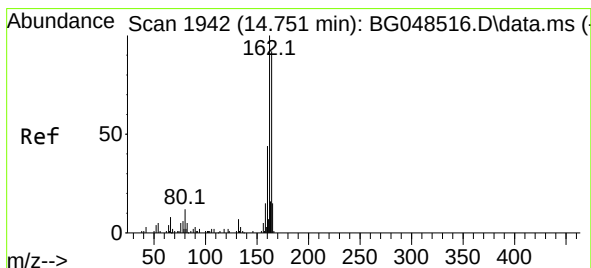
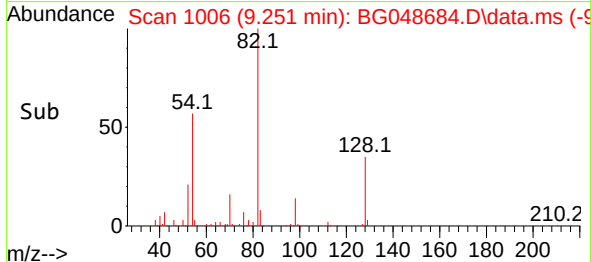
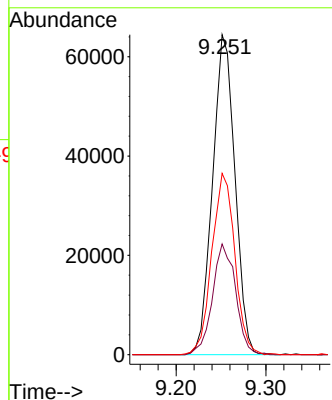
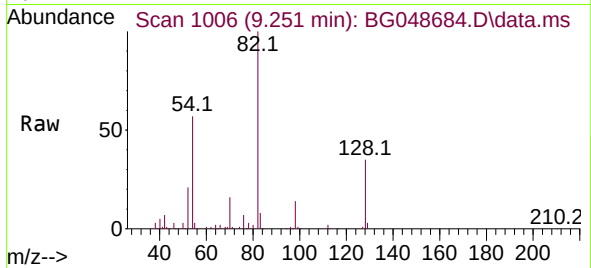




#23
Nitrobenzene-d5
Concen: 92.36 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

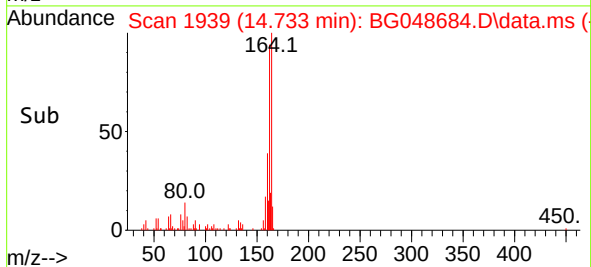
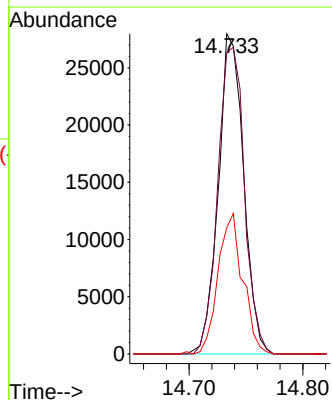
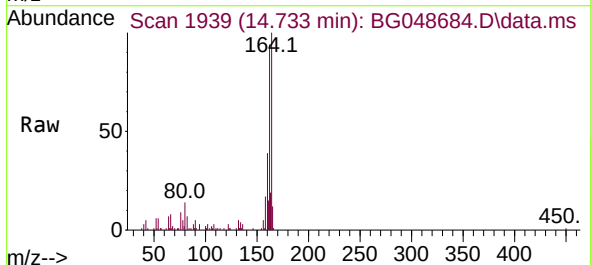
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

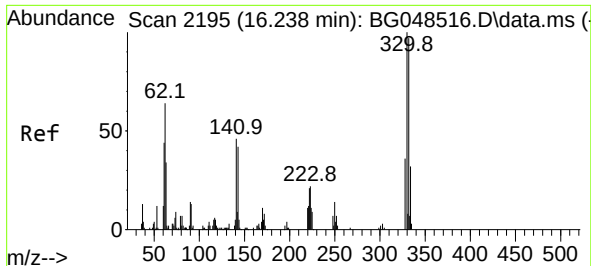
Tgt Ion: 82 Resp: 111513
Ion Ratio Lower Upper
82 100
128 34.6 26.2 39.4
54 56.7 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion:164 Resp: 43348
Ion Ratio Lower Upper
164 100
162 94.2 87.0 130.6
160 39.5 38.4 57.6

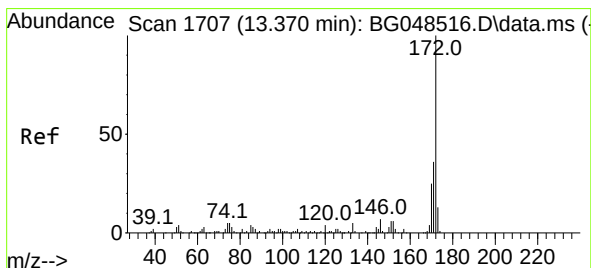
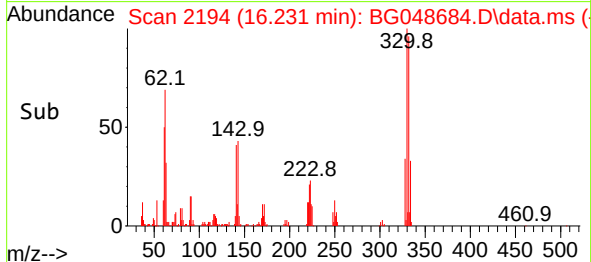
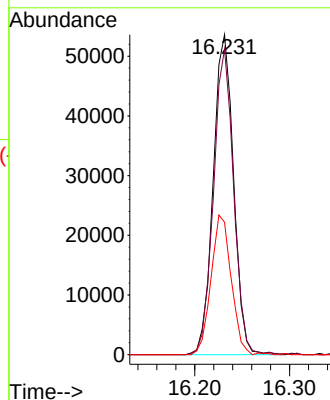
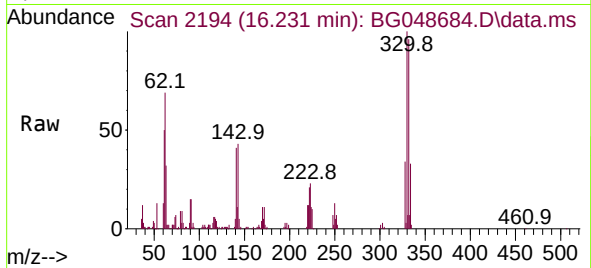




#42
2,4,6-Tribromophenol
Concen: 140.02 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

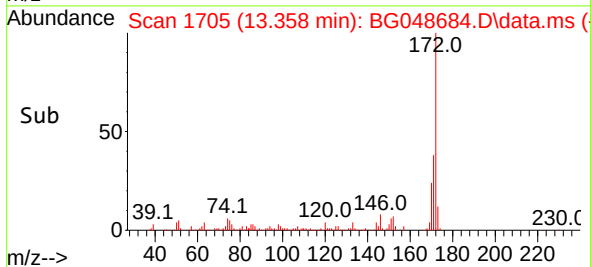
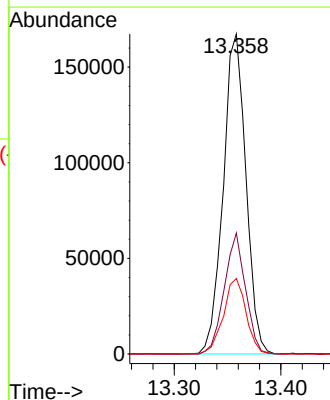
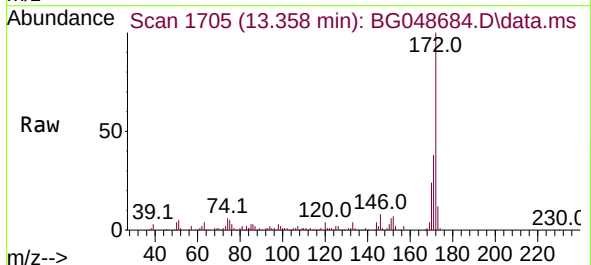
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

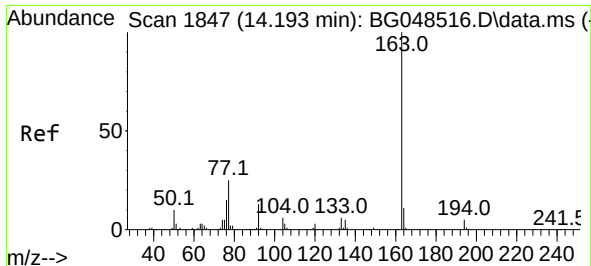
Tgt Ion:330 Resp: 79785
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 43.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 84.84 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion:172 Resp: 247417
Ion Ratio Lower Upper
172 100
171 37.8 28.5 42.7
170 23.6 19.8 29.6

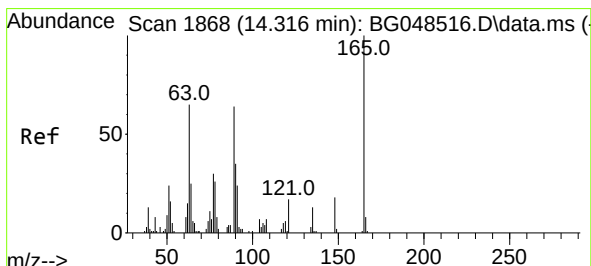
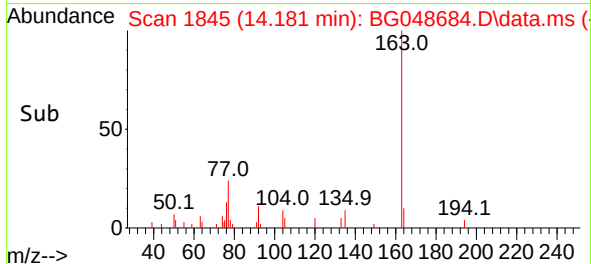
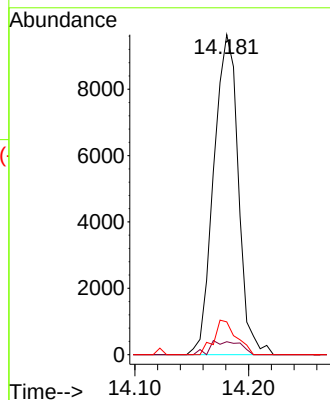
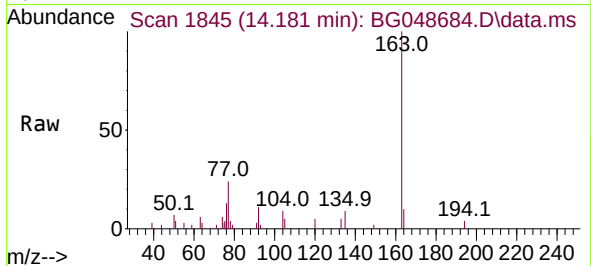




#50
Dimethylphthalate
Concen: 4.50 ng
RT: 14.181 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

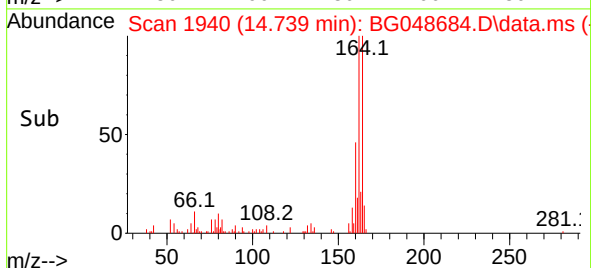
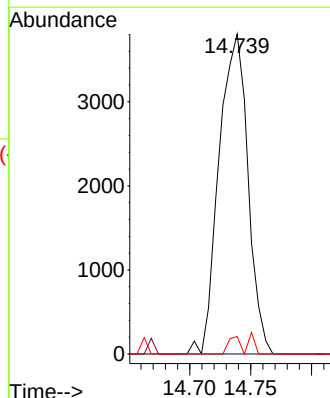
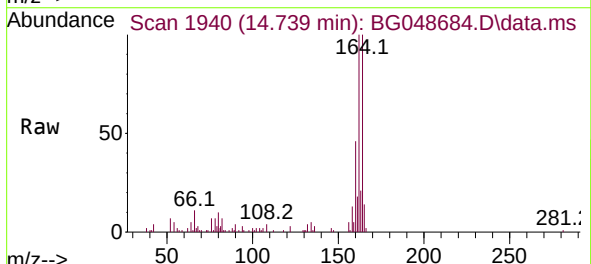
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

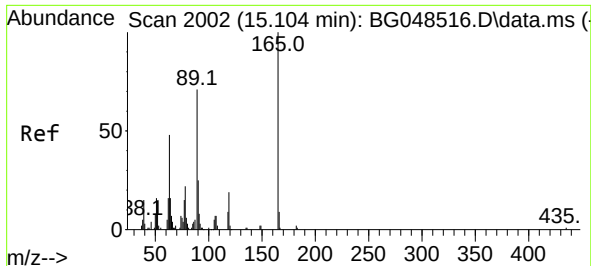
Tgt Ion:163 Resp: 14485
Ion Ratio Lower Upper
163 100
194 4.0 4.1 6.1#
164 10.3 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

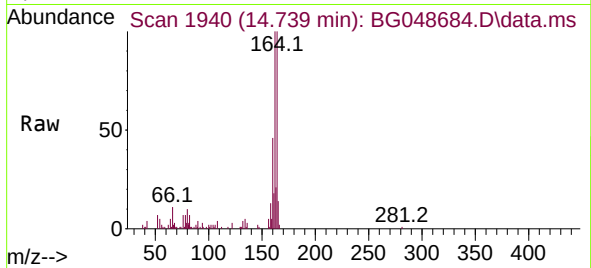
Tgt Ion:165 Resp: 6287
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 5.5 50.8 76.2#



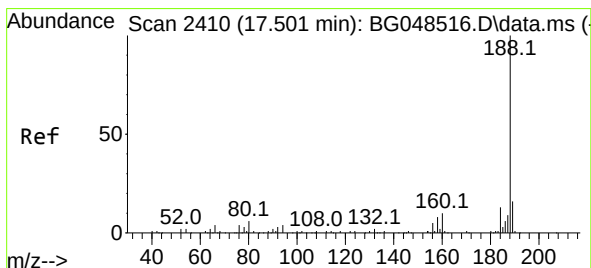
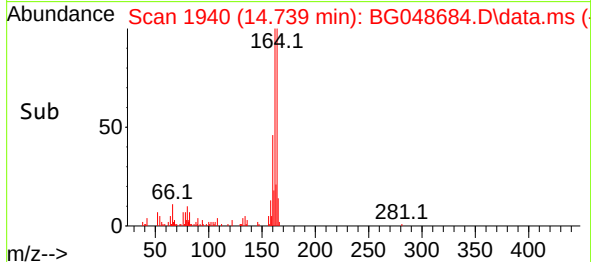
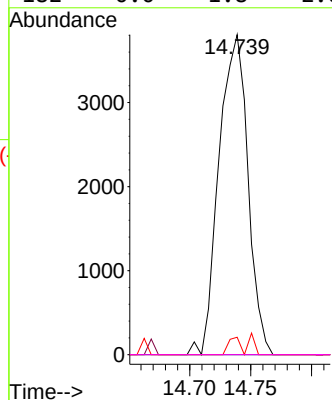


#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

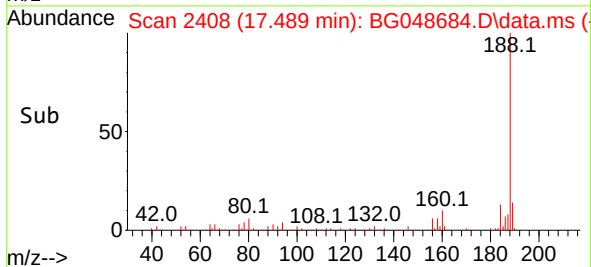
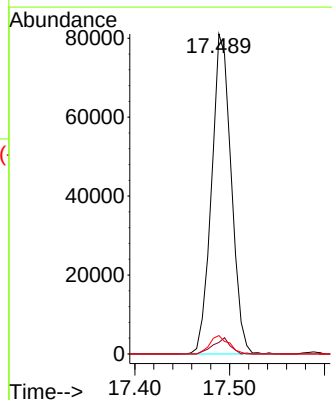
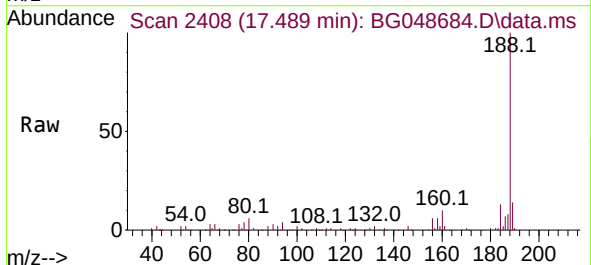


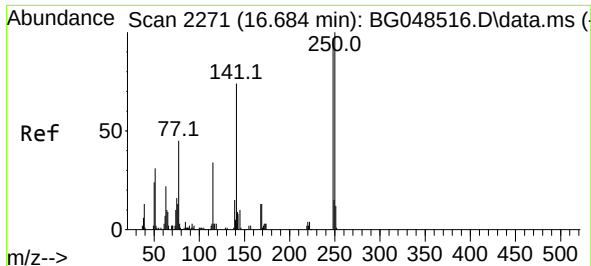
Tgt Ion:165 Resp: 6287
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 5.5 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion:188 Resp: 116831
Ion Ratio Lower Upper
188 100
94 3.6 3.0 4.6
80 5.8 4.5 6.7

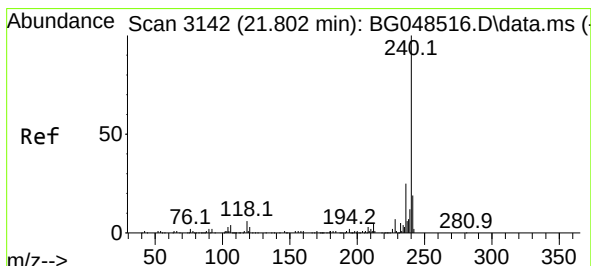
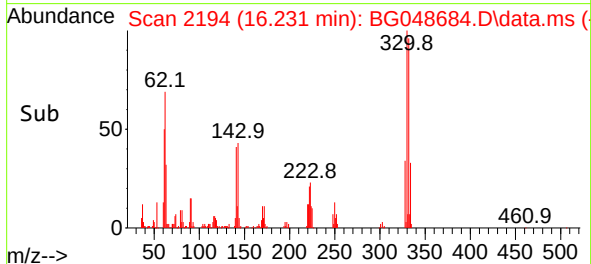
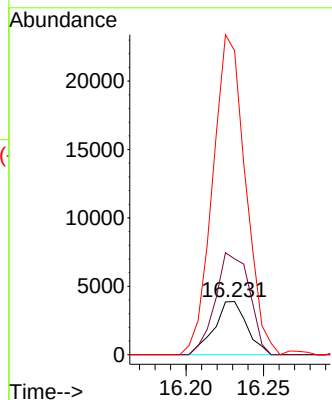
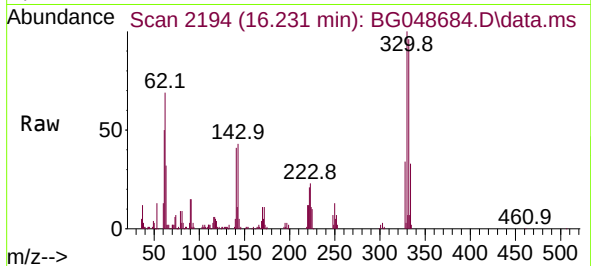




#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

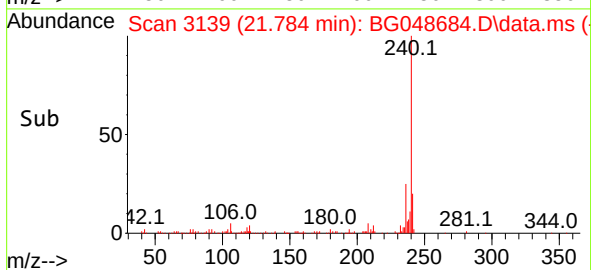
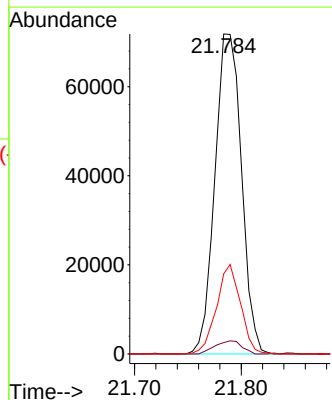
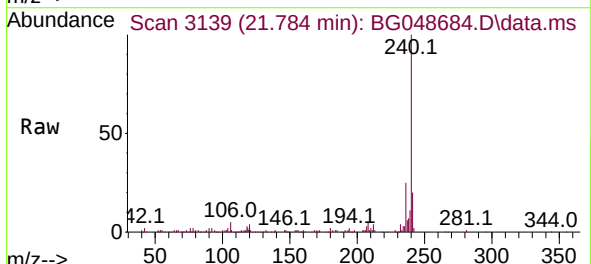
Instrument :
BNA_G
ClientSampleId :
EB_2021-04-06_GW

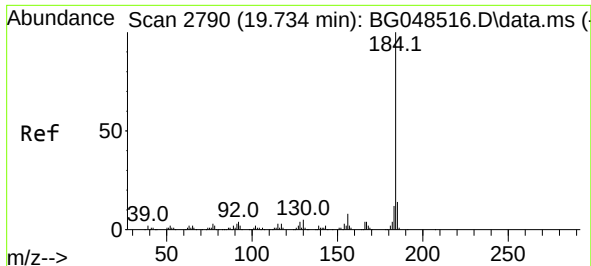
Tgt Ion:248 Resp: 5690
Ion Ratio Lower Upper
248 100
250 180.4 82.6 124.0#
141 571.8 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.784 min Scan# 3139
Delta R.T. -0.018 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion:240 Resp: 124278
Ion Ratio Lower Upper
240 100
120 3.5 2.6 3.8
236 25.0 19.8 29.6

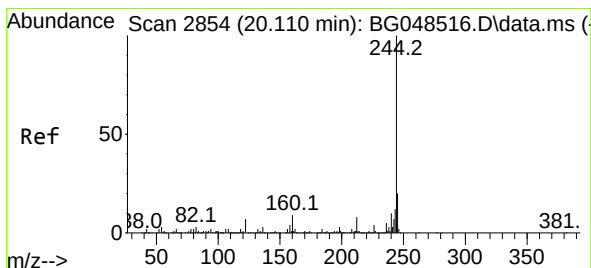
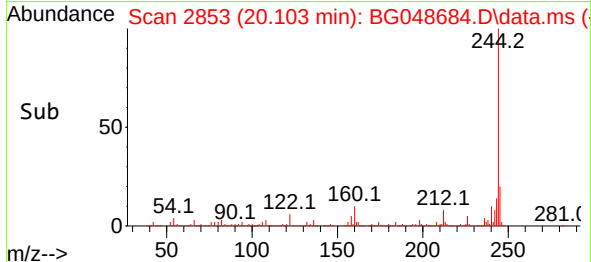
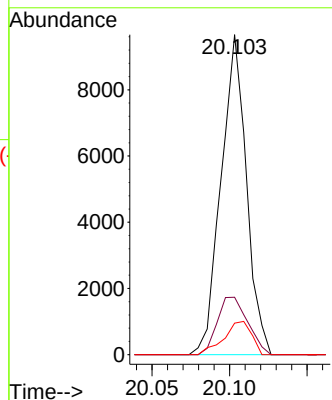
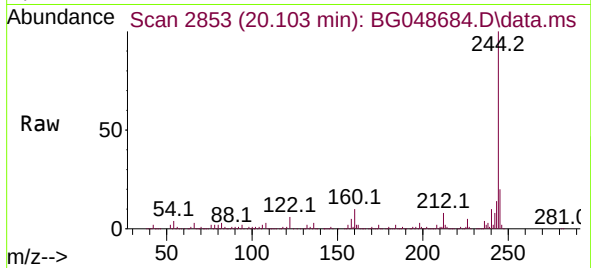




#77
Benzidine
Concen: 2.61 ng
RT: 20.103 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

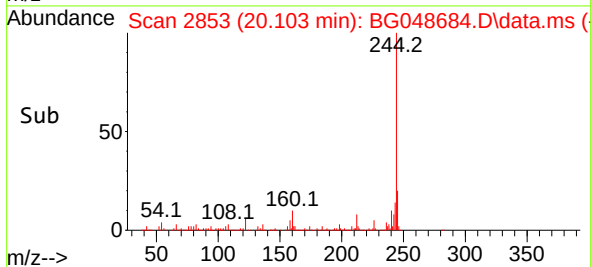
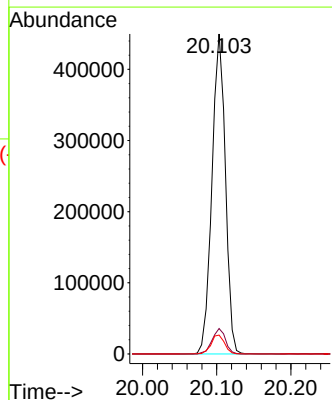
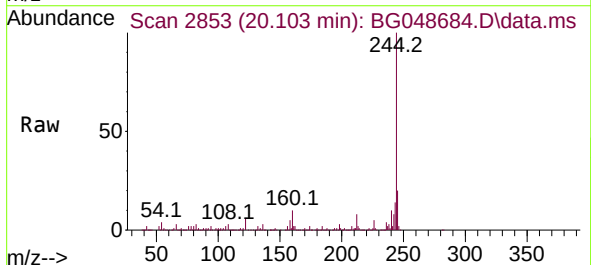
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_GW

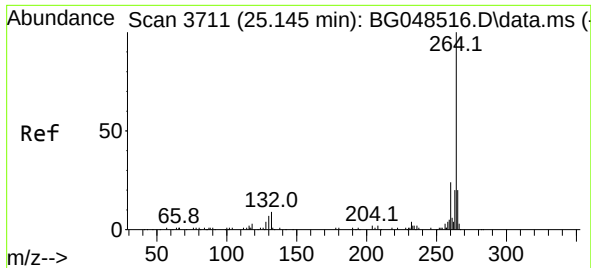
Tgt Ion:184 Resp: 10974
Ion Ratio Lower Upper
184 100
185 17.9 11.0 16.4#
183 9.8 9.2 13.8



#79
Terphenyl-d14
Concen: 83.09 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048684.D
Acq: 13 Apr 2021 21:43

Tgt Ion:244 Resp: 564683
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 5.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.121 min Scan# 3707
 Delta R.T. -0.024 min
 Lab File: BG048684.D
 Acq: 13 Apr 2021 21:43

Instrument :
 BNA_G
 ClientSampleId :
 EB 2021-04-06_GW

Tgt Ion:264 Resp: 128954
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 24.0 16.1 24.1

