

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048800.D
 Acq On : 20 Apr 2021 18:49
 Operator : CG/JU
 Sample : M2026-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-11

Quant Time: Apr 21 04:32:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

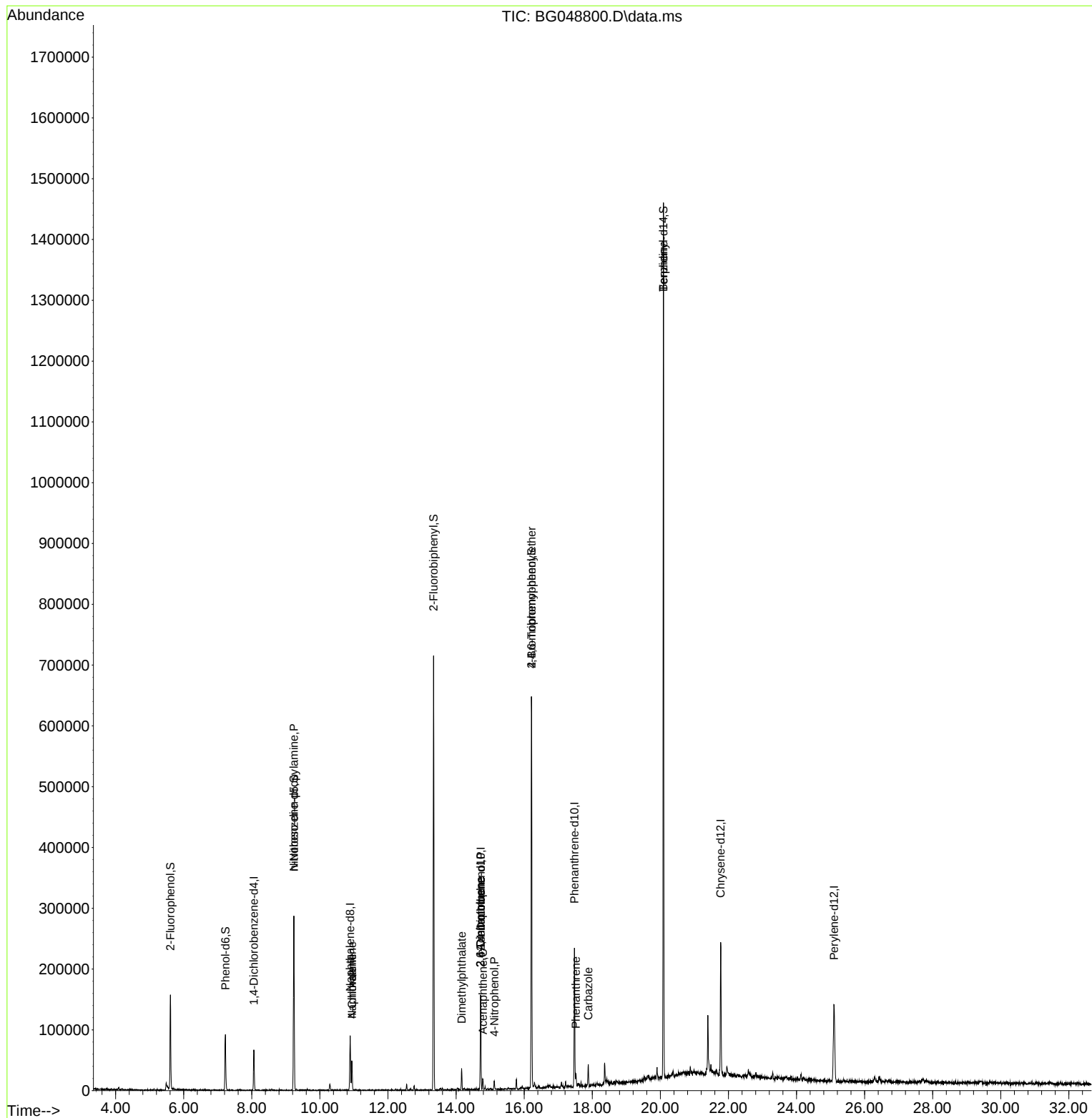
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	16916	20.00	ng	# 0.00
21) Naphthalene-d8	10.890	136	67421	20.00	ng	# 0.00
39) Acenaphthene-d10	14.721	164	52779	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	130597	20.00	ng	# 0.00
76) Chrysene-d12	21.772	240	131957	20.00	ng	0.00
86) Perylene-d12	25.103	264	134567	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	58239	57.58	ng	0.00
7) Phenol-d6	7.224	99	45299	31.66	ng	0.00
23) Nitrobenzene-d5	9.233	82	152264	101.11	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	104272	147.35	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	345795	94.62	ng	0.00
79) Terphenyl-d14	20.091	244	627602	81.86	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	25038	25.94	ng	# 82
31) Naphthalene	10.943	128	34012	9.83	ng	100
33) 4-Chloroaniline	10.943	127	4464	3.10	ng	# 38
50) Dimethylphthalate	14.163	163	18883	4.77	ng	96
51) 2,6-Dinitrotoluene	14.715	165	7203	7.89	ng	# 10
52) Acenaphthene	14.786	154	7293	2.47	ng	98
54) 2,4-Dinitrophenol	14.721	184	63	5.39	ng	# 1
56) 4-Nitrophenol	15.121	139	3018	4.65	ng	# 1
57) 2,4-Dinitrotoluene	14.715	165	7203	5.43	ng	# 15
67) 4-Bromophenyl-phenylether	16.219	248	6979	4.64	ng	# 1
71) Phenanthrene	17.518	178	14231	2.10	ng	# 92
73) Carbazole	17.882	167	21007	3.27	ng	# 94
77) Benzidine	20.091	184	13826	3.86	ng	# 91

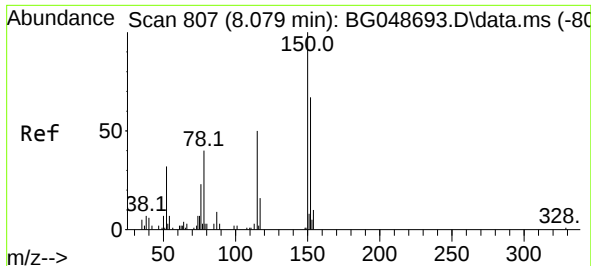
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
Data File : BG048800.D
Acq On : 20 Apr 2021 18:49
Operator : CG/JU
Sample : M2026-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GMW-11

Quant Time: Apr 21 04:32:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

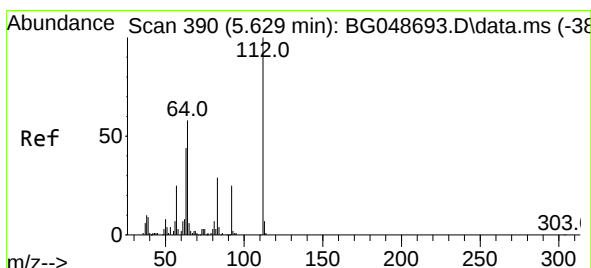
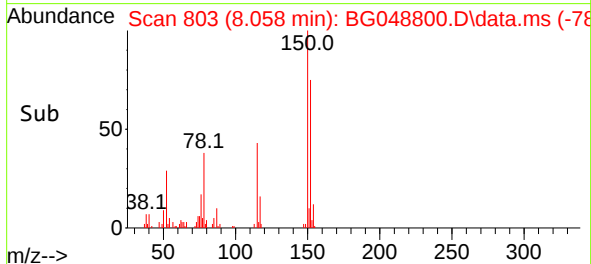
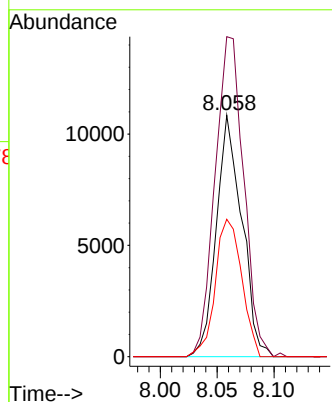
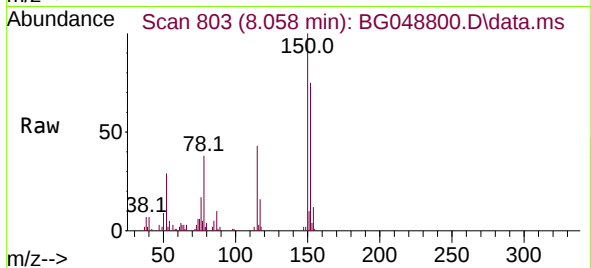




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.058 min Scan# 803
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

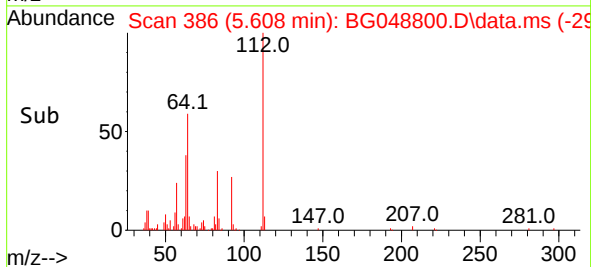
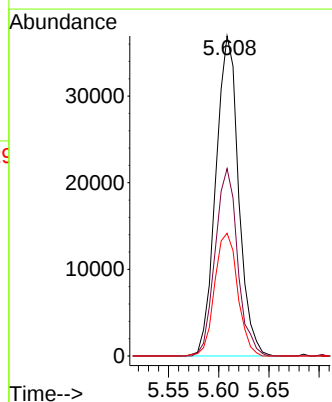
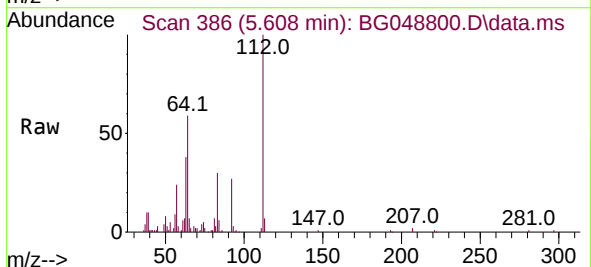
Instrument :
BNA_G
ClientSampleId :
GMW-11

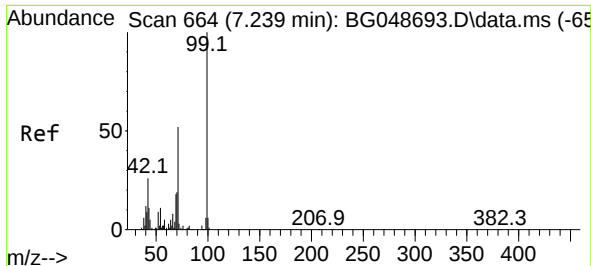
Tgt Ion:152 Resp: 16916
Ion Ratio Lower Upper
152 100
150 132.5 119.4 179.0
115 56.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 57.58 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:112 Resp: 58239
Ion Ratio Lower Upper
112 100
64 58.6 46.7 70.1
63 38.3 35.3 52.9

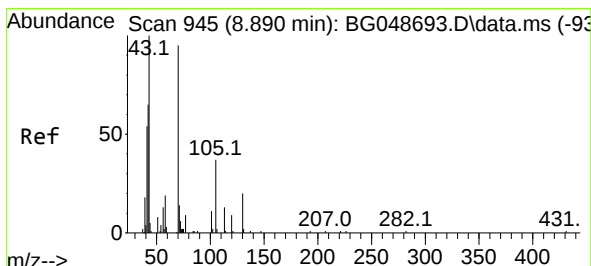
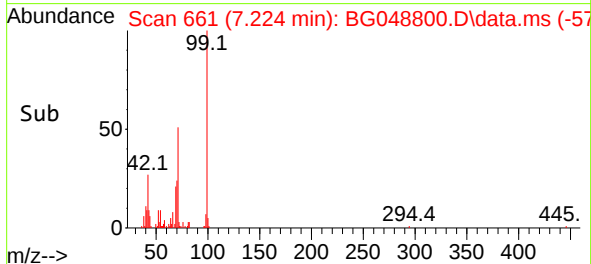
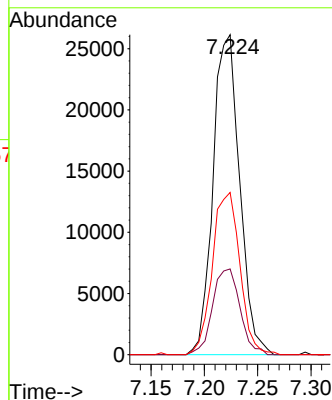
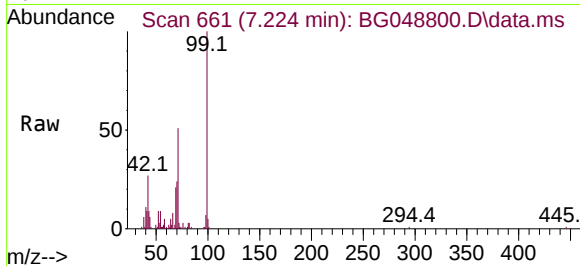




#7
Phenol-d6
Concen: 31.66 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

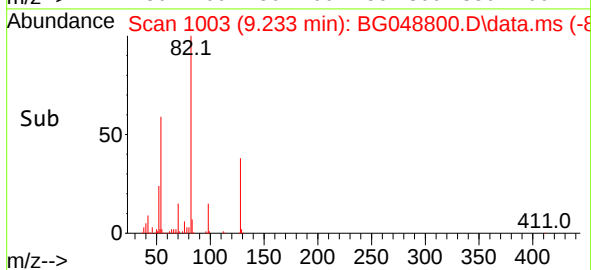
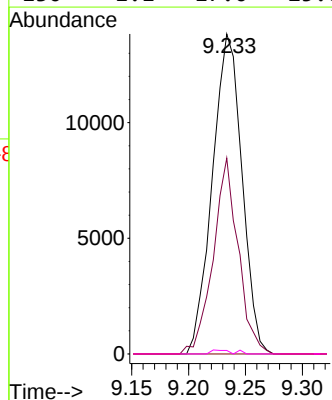
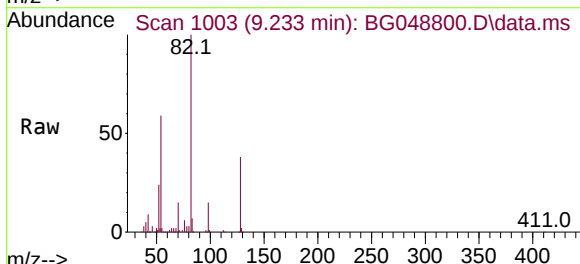
Instrument :
BNA_G
ClientSampleId :
GMW-11

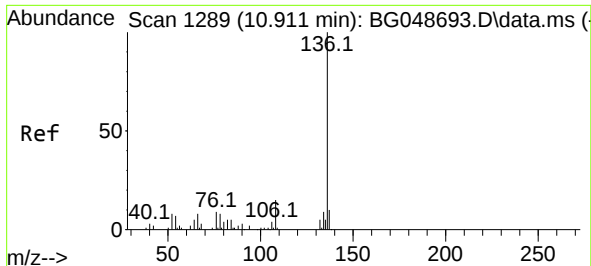
Tgt Ion: 99 Resp: 45299
Ion Ratio Lower Upper
99 100
42 26.8 20.5 30.7
71 50.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.94 ng
RT: 9.233 min Scan# 1003
Delta R.T. 0.361 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion: 70 Resp: 25038
Ion Ratio Lower Upper
70 100
42 61.2 54.5 81.7
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

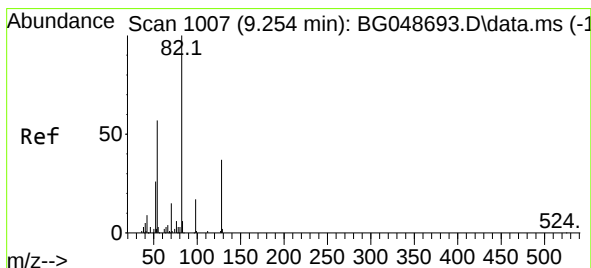
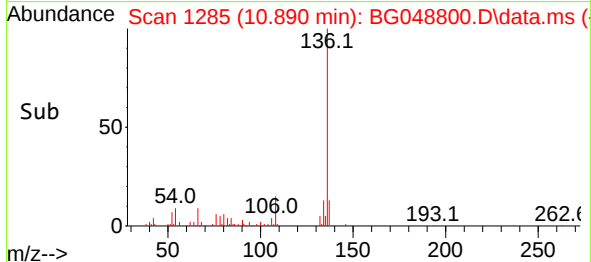
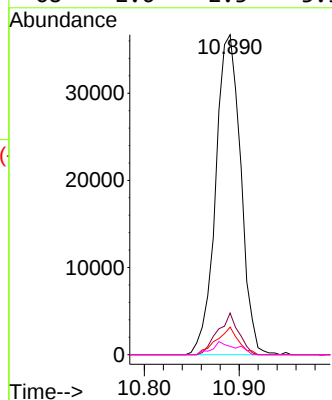
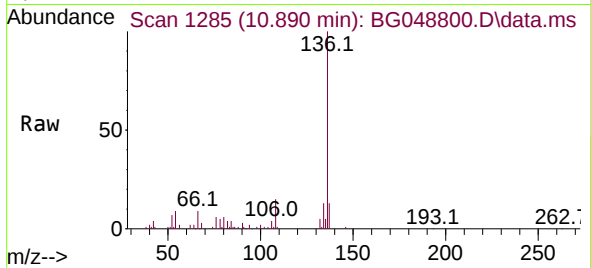




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

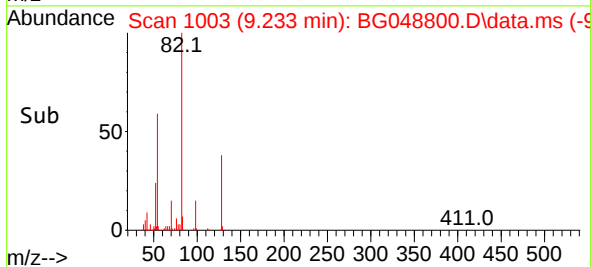
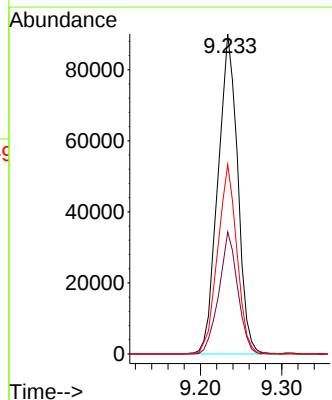
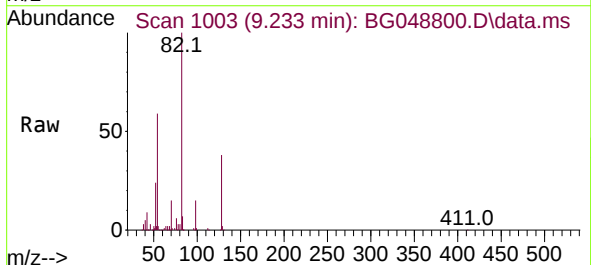
Instrument :
BNA_G
ClientSampleId :
GMW-11

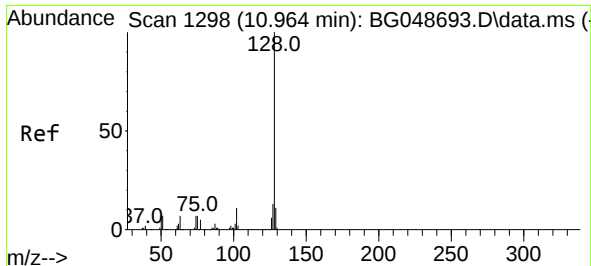
Tgt Ion:	136	Resp:	67421
Ion Ratio	Lower	Upper	
136	100		
137	13.0	8.2	12.2#
54	8.6	5.5	8.3#
68	2.6	2.3	3.5



#23
Nitrobenzene-d5
Concen: 101.11 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:	82	Resp:	152264
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.8	44.6
54	59.2	45.8	68.8

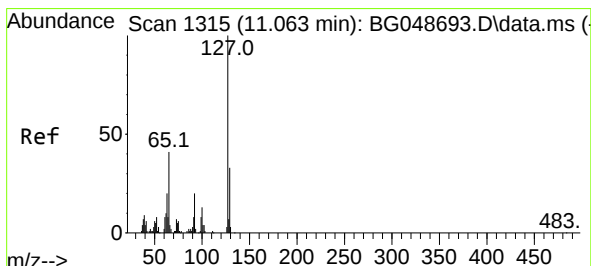
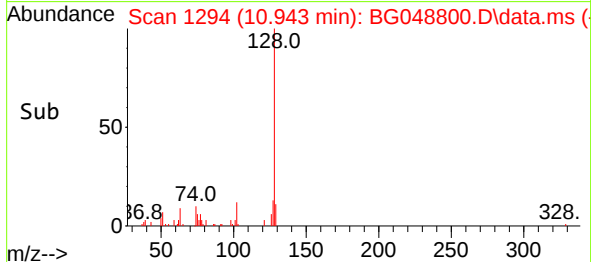
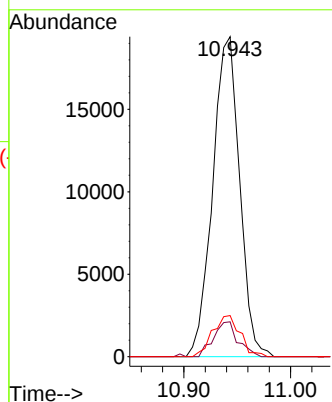
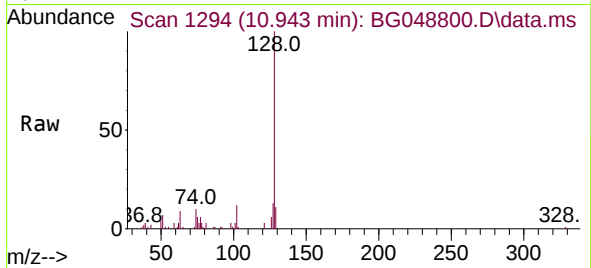




#31
Naphthalene
Concen: 9.83 ng
RT: 10.943 min Scan# 1294
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

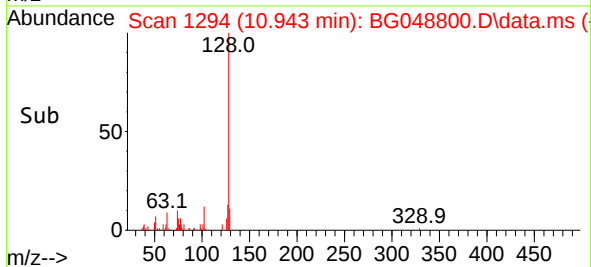
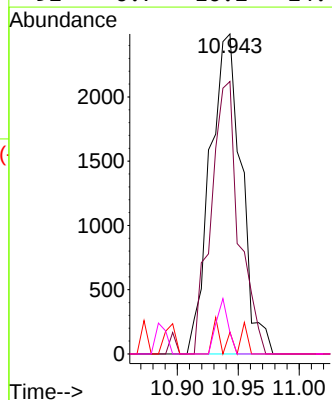
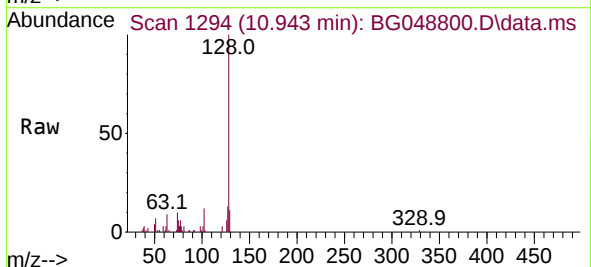
Instrument :
BNA_G
ClientSampleId :
GMW-11

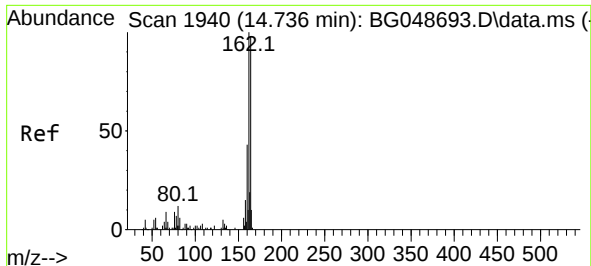
Tgt Ion:128 Resp: 34012
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.2 15.4



#33
4-Chloroaniline
Concen: 3.10 ng
RT: 10.943 min Scan# 1294
Delta R.T. -0.103 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:127 Resp: 4464
Ion Ratio Lower Upper
127 100
129 85.1 26.7 40.1#
65 6.8 32.8 49.2#
92 6.7 16.2 24.4#

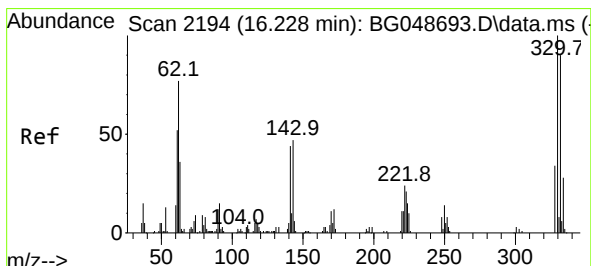
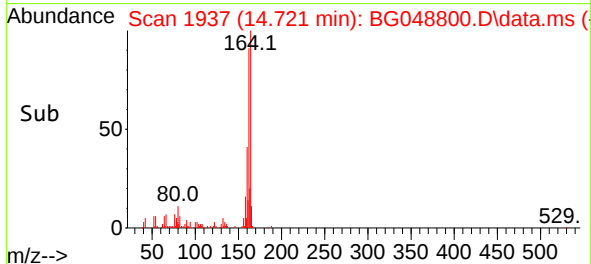
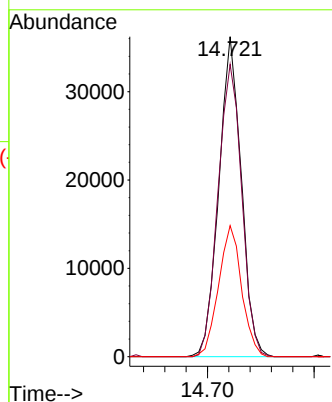
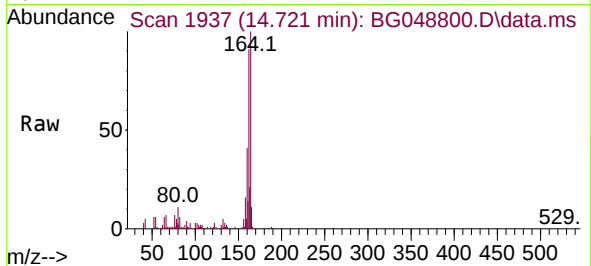




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

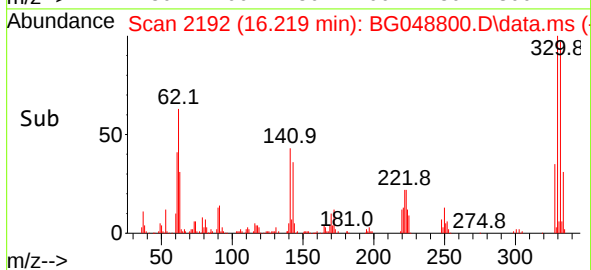
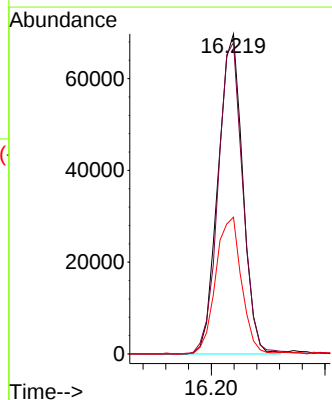
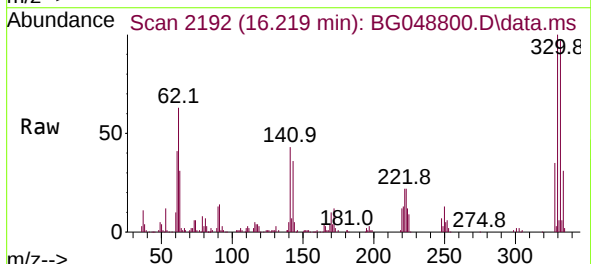
Instrument :
BNA_G
ClientSampleId :
GMW-11

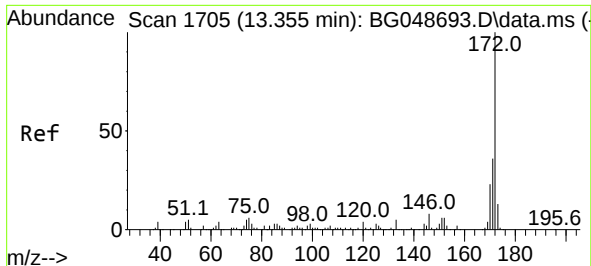
Tgt Ion:164 Resp: 52779
Ion Ratio Lower Upper
164 100
162 91.4 81.4 122.0
160 41.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 147.35 ng
RT: 16.219 min Scan# 2192
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:330 Resp: 104272
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 45.0 35.6 53.4

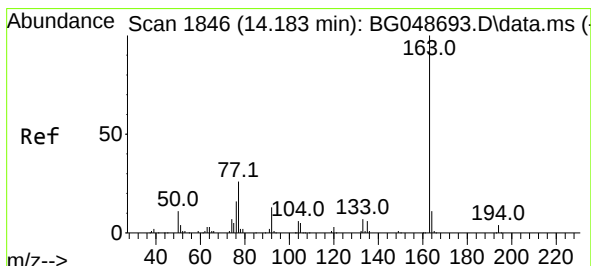
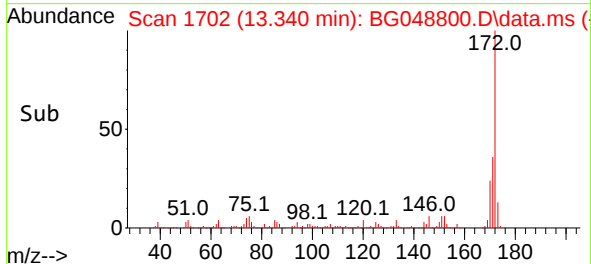
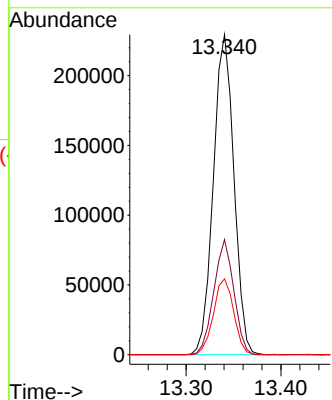
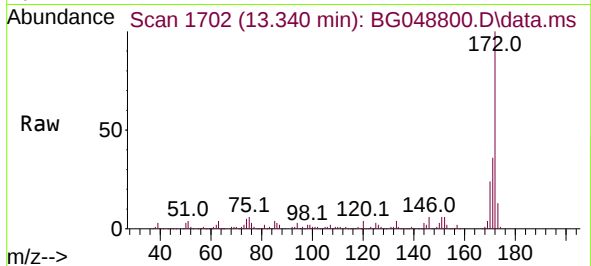




#45
2-Fluorobiphenyl
Concen: 94.62 ng
RT: 13.340 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

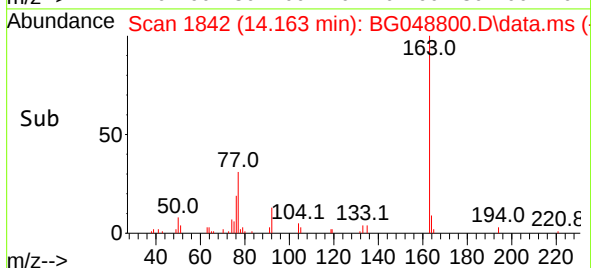
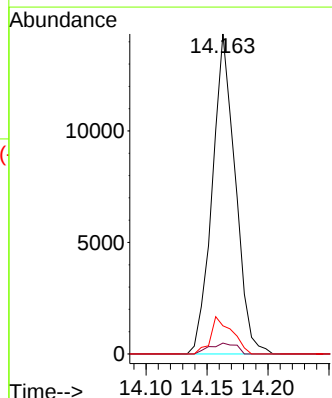
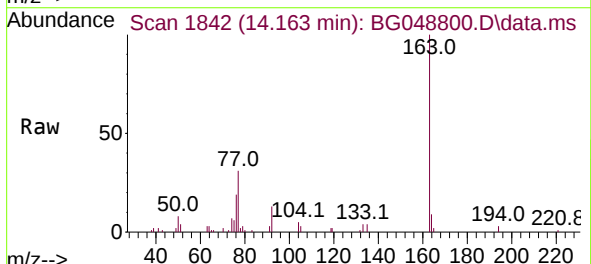
Instrument :
BNA_G
ClientSampled :
GMW-11

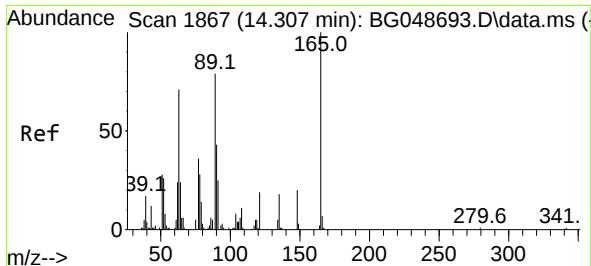
Tgt Ion:172 Resp: 345795
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.7 18.6 27.8



#50
Dimethylphthalate
Concen: 4.77 ng
RT: 14.163 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:163 Resp: 18883
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 8.8 8.6 12.8

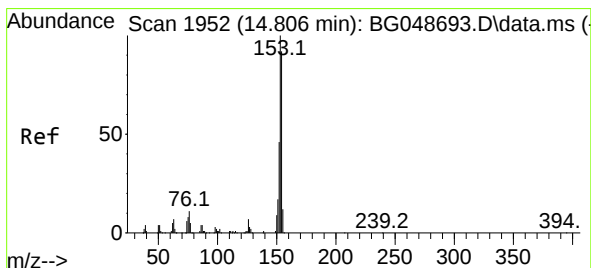
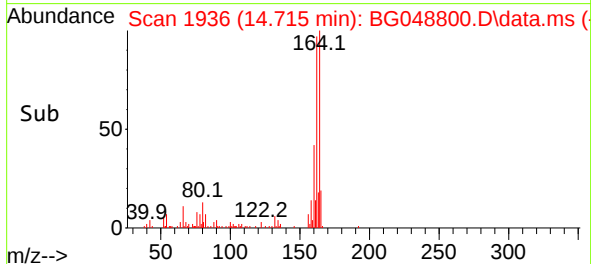
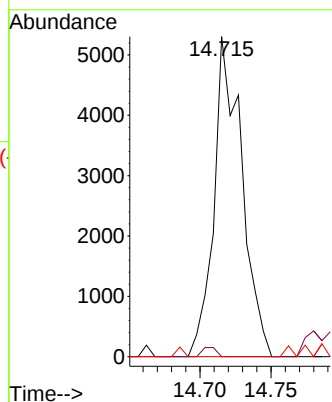
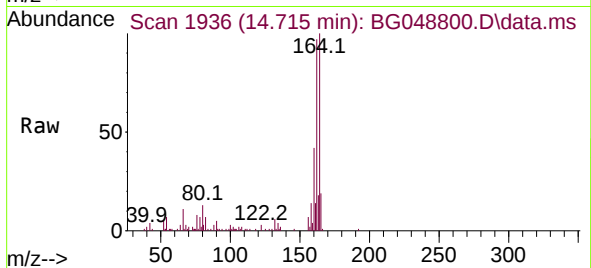




#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 14.715 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

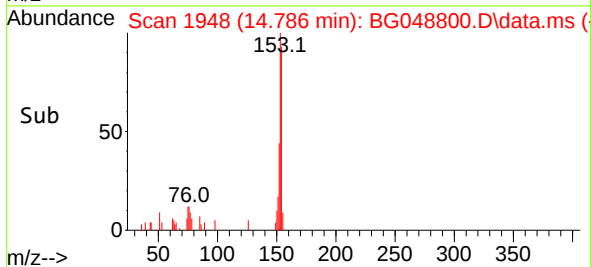
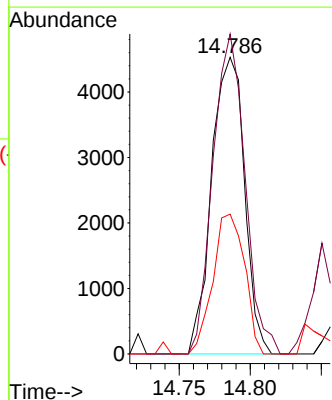
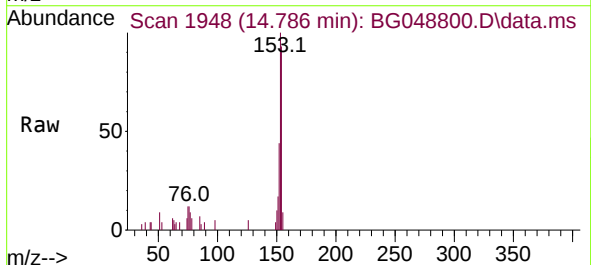
Instrument :
BNA_G
ClientSampled :
GMW-11

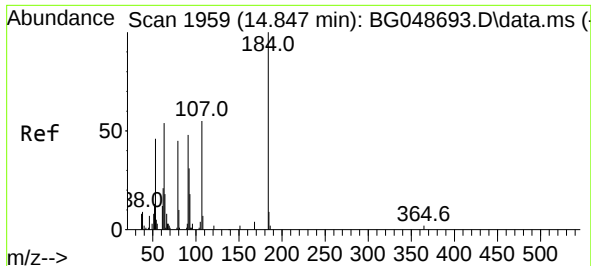
Tgt Ion:165 Resp: 7203
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#52
Acenaphthene
Concen: 2.47 ng
RT: 14.786 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:154 Resp: 7293
Ion Ratio Lower Upper
154 100
153 107.9 87.0 130.4
152 47.1 40.1 60.1

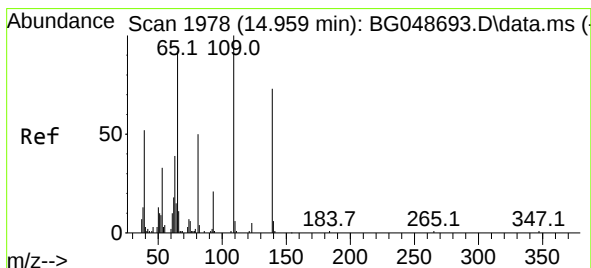
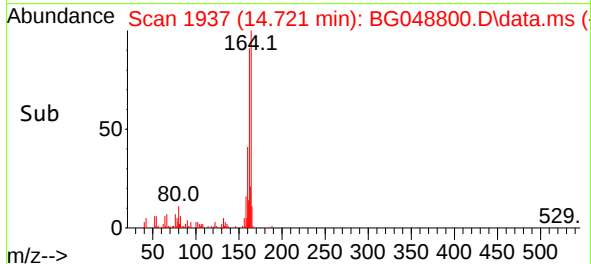
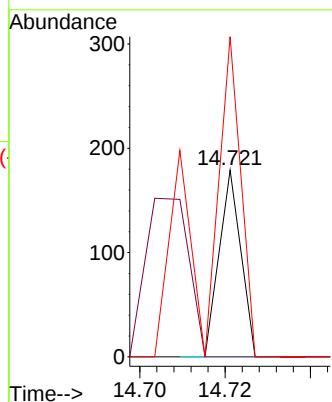
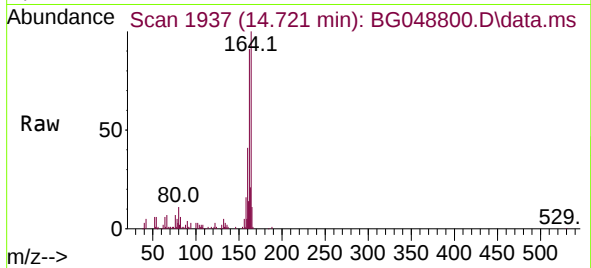




#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.114 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

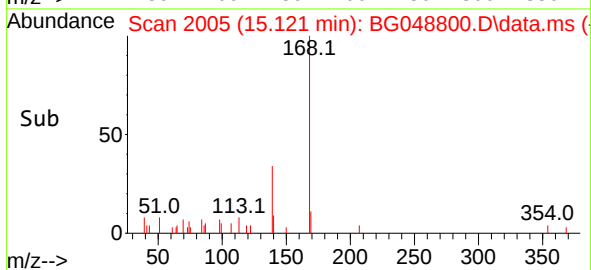
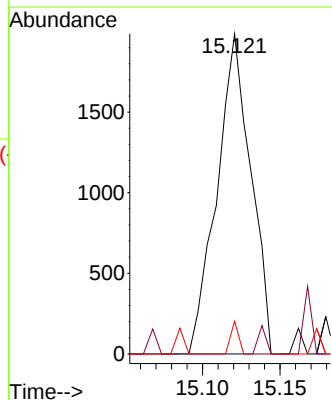
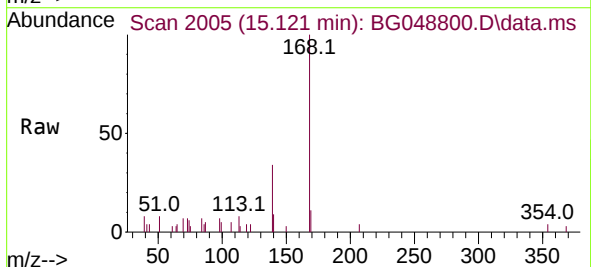
Instrument :
BNA_G
ClientSampled :
GMW-11

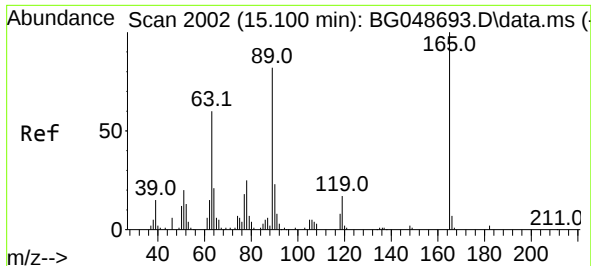
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 171.5 62.6 93.8#



#56
4-Nitrophenol
Concen: 4.65 ng
RT: 15.121 min Scan# 2005
Delta R.T. 0.173 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:139 Resp: 3018
Ion Ratio Lower Upper
139 100
109 0.0 116.3 156.3#
65 10.2 105.0 145.0#

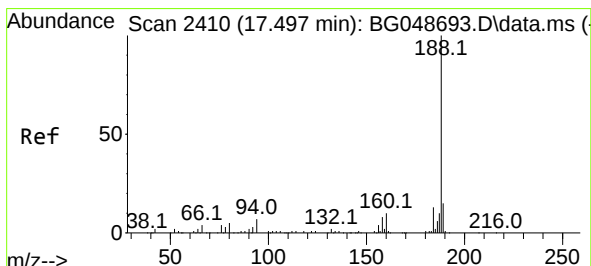
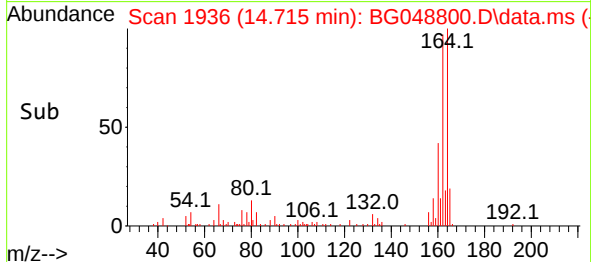
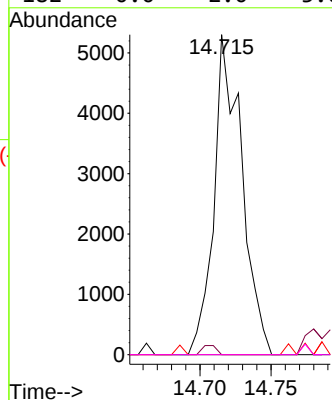
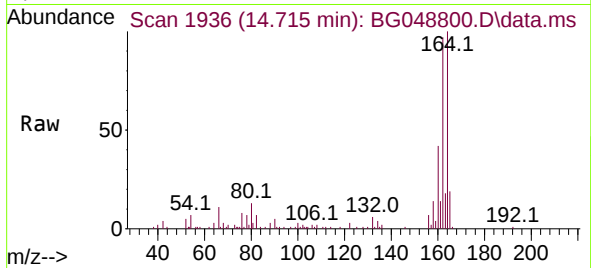




#57
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.367 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

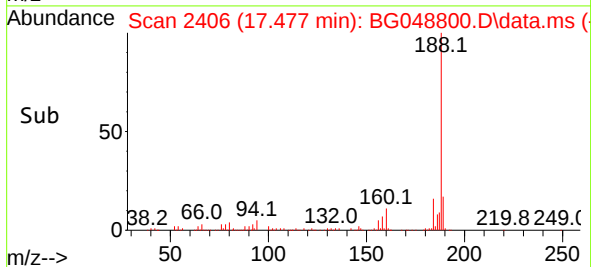
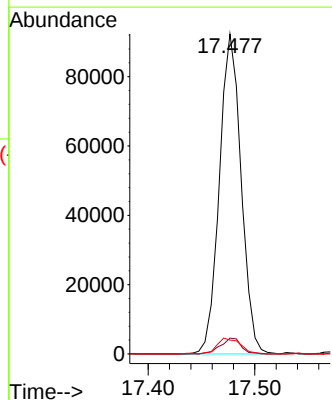
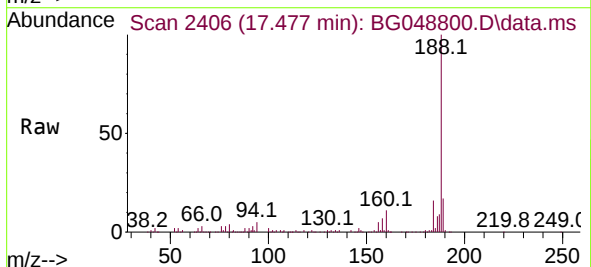
Instrument :
BNA_G
ClientSampled :
GMW-11

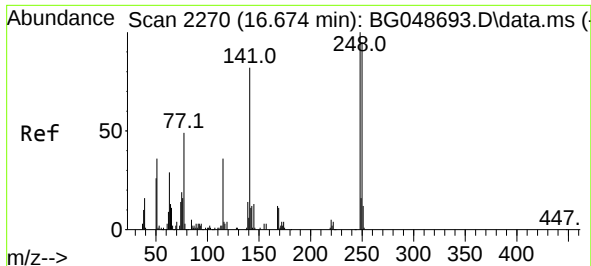
Tgt Ion:165 Resp: 7203
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:188 Resp: 130597
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 4.4 3.7 5.5

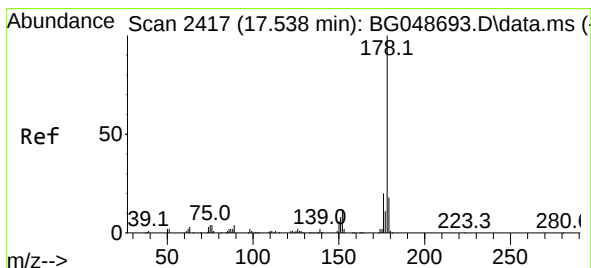
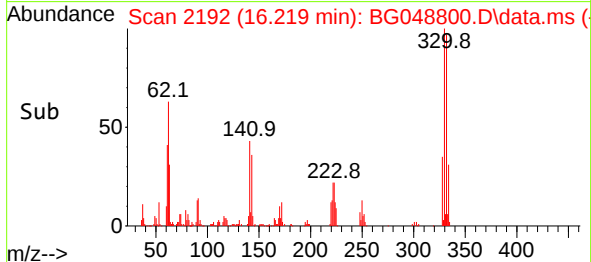
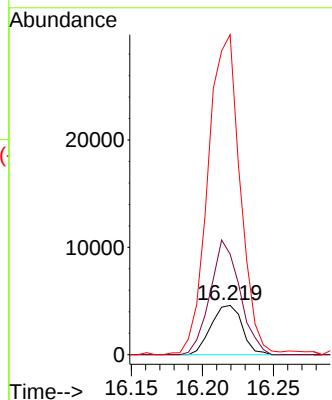
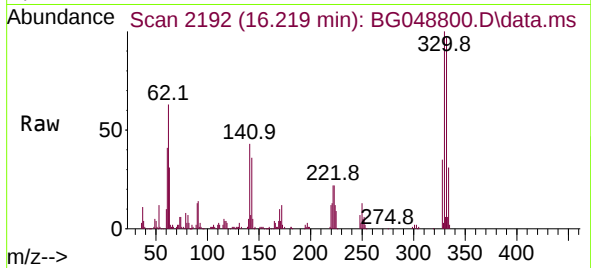




#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 16.219 min Scan# 2192
Delta R.T. -0.444 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

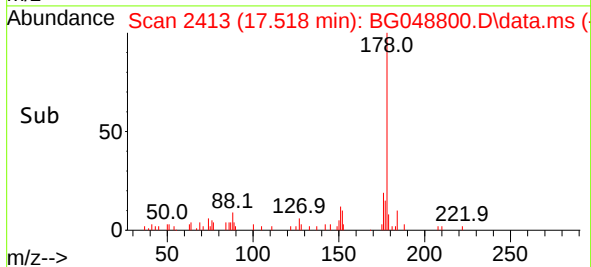
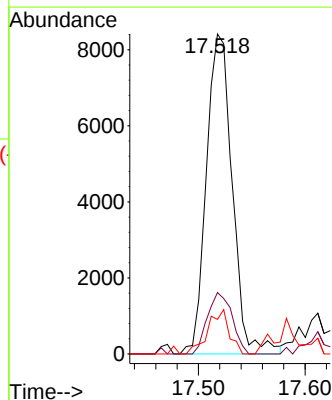
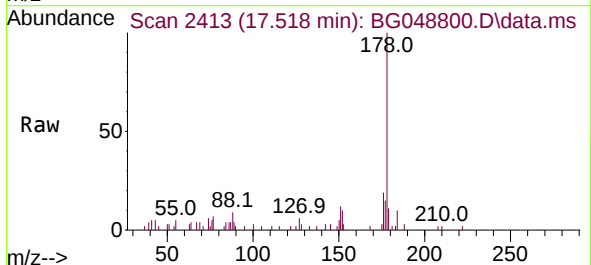
Instrument :
BNA_G
ClientSampleId :
GMW-11

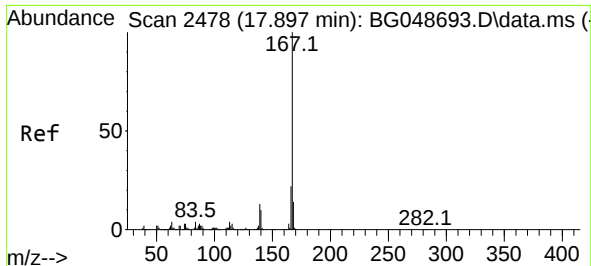
Tgt Ion:248 Resp: 6979
Ion Ratio Lower Upper
248 100
250 203.8 76.1 114.1#
141 649.1 65.4 98.2#



#71
Phenanthrene
Concen: 2.10 ng
RT: 17.518 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:178 Resp: 14231
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 10.8 14.2 21.4#

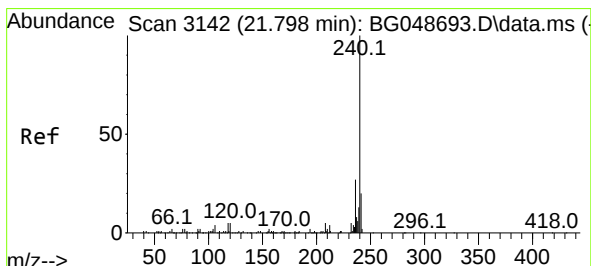
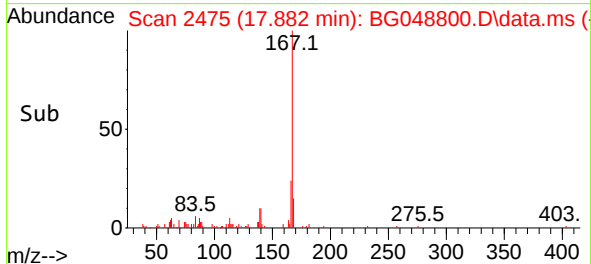
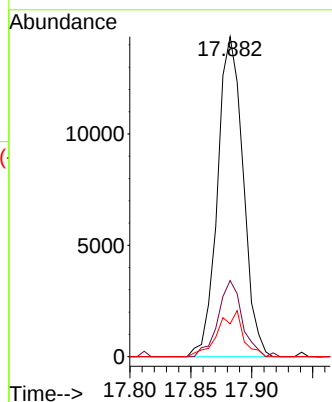
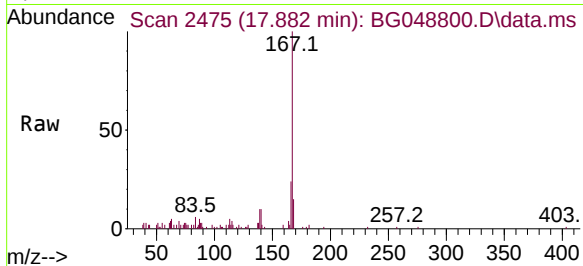




#73
Carbazole
Concen: 3.27 ng
RT: 17.882 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

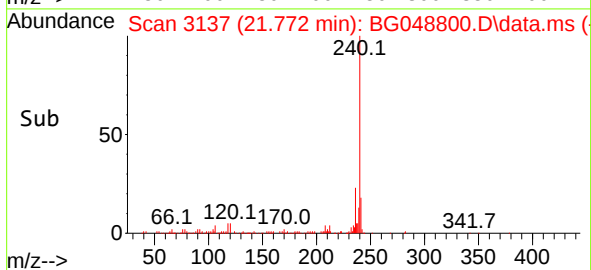
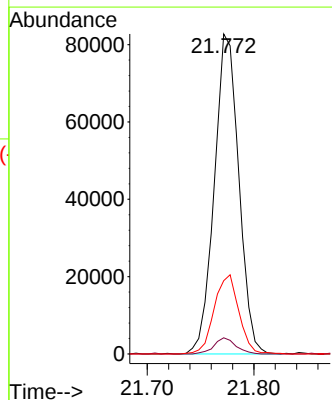
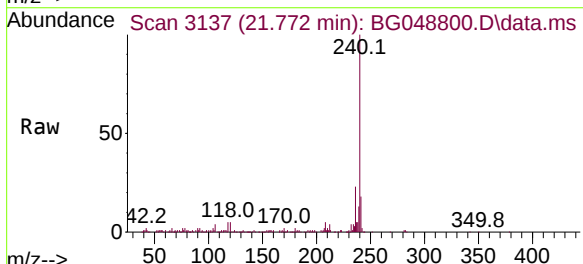
Instrument :
BNA_G
ClientSampled :
GMW-11

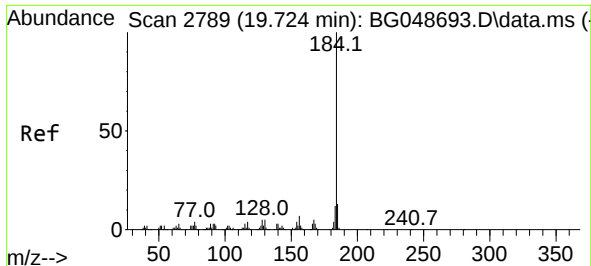
Tgt Ion:167 Resp: 21007
Ion Ratio Lower Upper
167 100
166 23.8 17.4 26.2
139 10.2 10.7 16.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.772 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:240 Resp: 131957
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 22.9 21.8 32.6

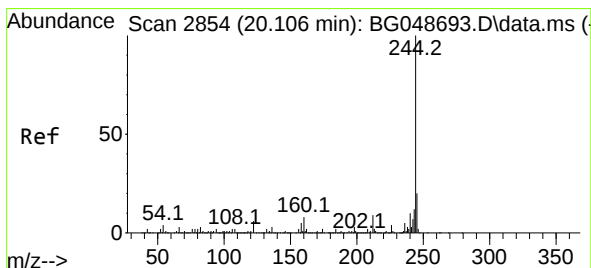
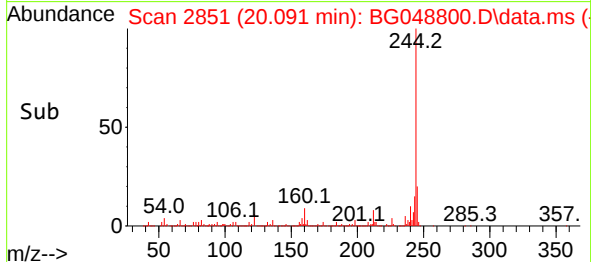
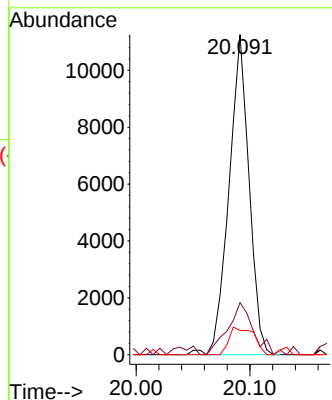
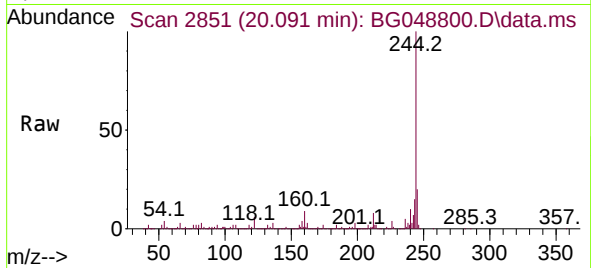




#77
Benzidine
Concen: 3.86 ng
RT: 20.091 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

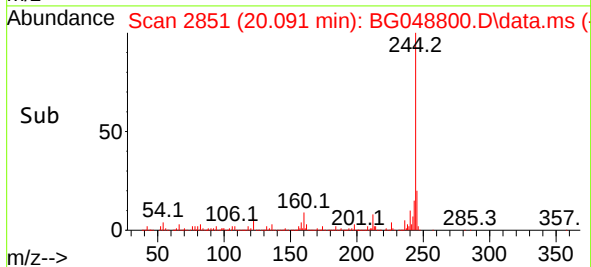
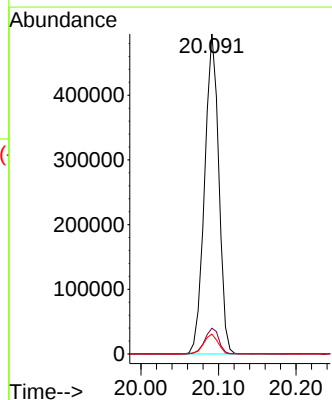
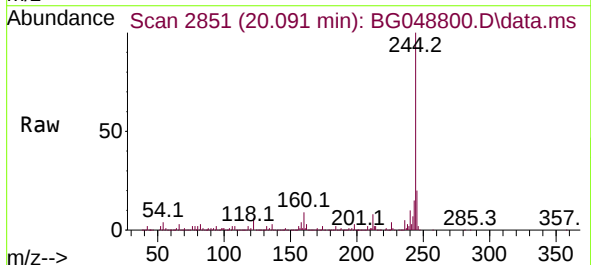
Instrument :
BNA_G
ClientSampled :
GMW-11

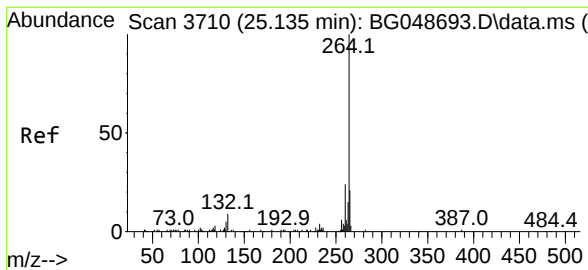
Tgt Ion:184 Resp: 13826
Ion Ratio Lower Upper
184 100
185 16.2 10.7 16.1#
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 81.86 ng
RT: 20.091 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:244 Resp: 627602
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.2 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.103 min Scan# 3704
Delta R.T. -0.009 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Instrument :
BNA_G
ClientSampleId :
GMW-11

Tgt Ion:	264	Resp:	134567
Ion Ratio	Lower	Upper	
264	100		
260	19.4	19.4	29.2#
265	18.6	16.9	25.3

