

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048733.D
 Acq On : 16 Apr 2021 20:48
 Operator : CG/JU
 Sample : M2045-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124-GW-1

Quant Time: Apr 17 04:20:25 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)

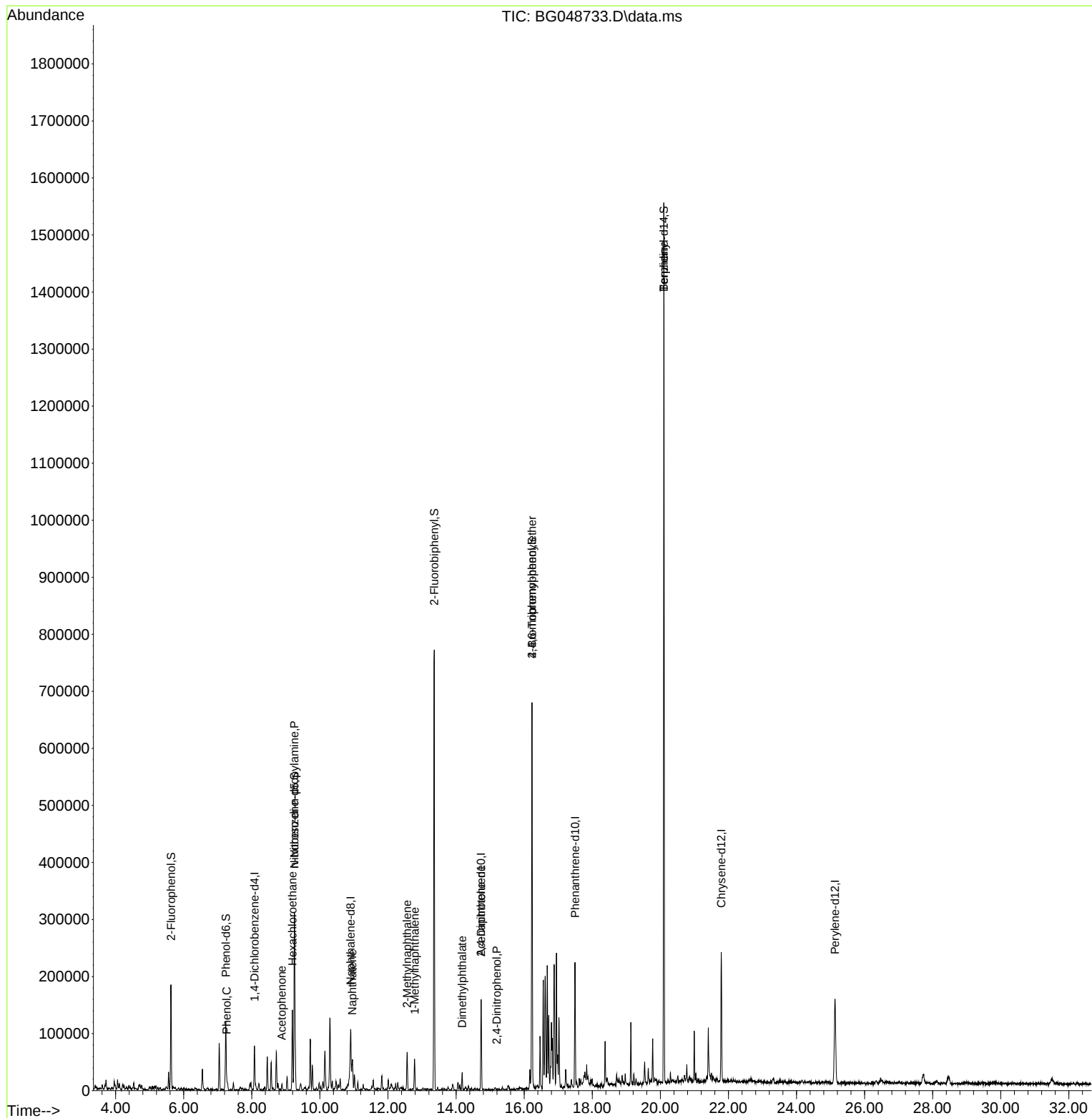
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	18159	20.00	ng	0.00
21) Naphthalene-d8	10.902	136	78993	20.00	ng	0.00
39) Acenaphthene-d10	14.733	164	57173	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	135096	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	131926	20.00	ng	# 0.00
86) Perylene-d12	25.133	264	132972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.626	112	68239	62.85	ng	0.00
7) Phenol-d6	7.236	99	54929	35.77	ng	0.00
23) Nitrobenzene-d5	9.251	82	166127	94.15	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	108751	141.87	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	376124	95.00	ng	0.00
79) Terphenyl-d14	20.103	244	669649	87.36	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.265	94	6302	4.17	ng	89
18) Hexachloroethane	9.192	117	15755	29.72	ng	# 1
19) n-Nitroso-di-n-propyla...	9.251	70	28084	27.10	ng	# 74
22) Acetophenone	8.881	105	7087	3.45	ng	# 51
31) Naphthalene	10.955	128	16350	4.03	ng	# 87
37) 2-Methylnaphthalene	12.565	142	30827	9.52	ng	91
38) 1-Methylnaphthalene	12.782	142	25256	8.38	ng	# 92
50) Dimethylphthalate	14.181	163	16090	3.75	ng	# 99
54) 2,4-Dinitrophenol	15.197	184	56	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.733	165	7858	5.47	ng	# 18
67) 4-Bromophenyl-phenylether	16.231	248	8905	5.73	ng	# 1
77) Benzidine	20.103	184	14427	4.03	ng	99

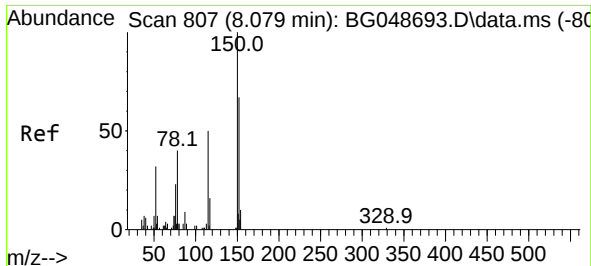
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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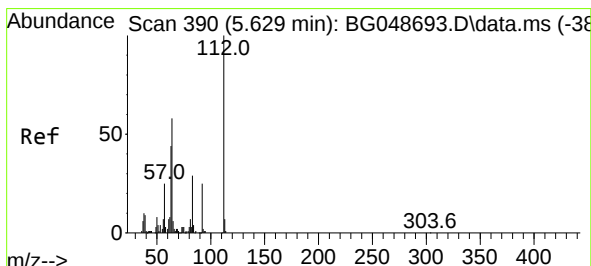
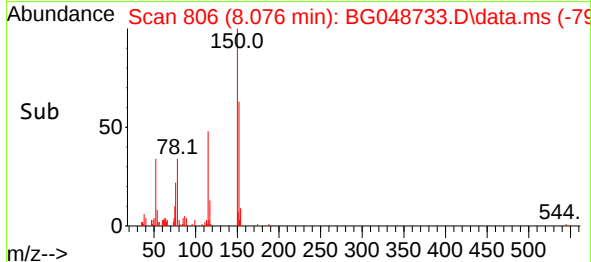
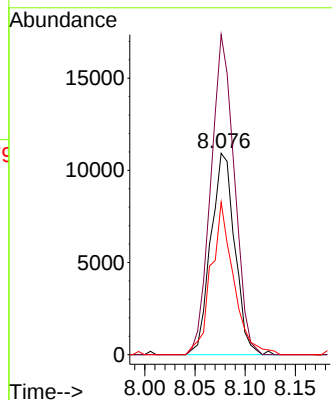
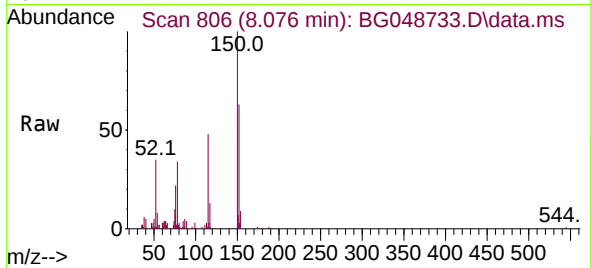




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

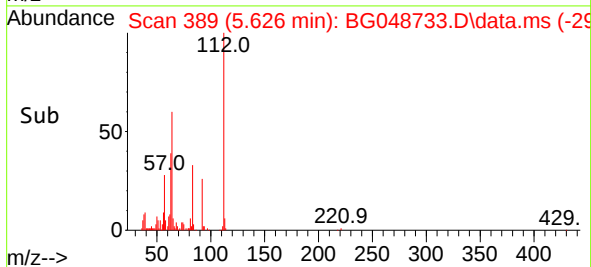
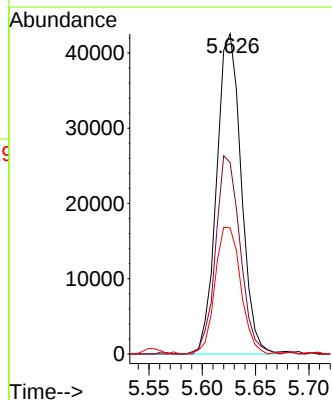
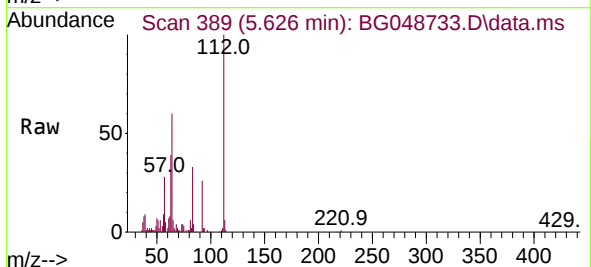
Instrument :
BNA_G
ClientSampleId :
124-GW-1

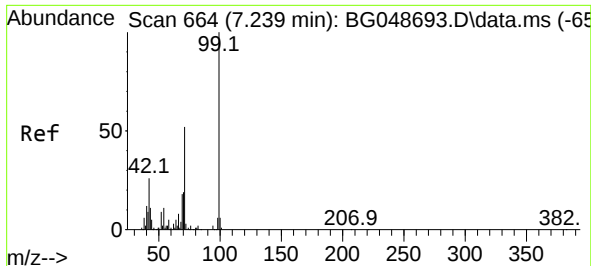
Tgt Ion:152 Resp: 18159
Ion Ratio Lower Upper
152 100
150 158.9 119.4 179.0
115 75.7 60.2 90.4



#5
2-Fluorophenol
Concen: 62.85 ng
RT: 5.626 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:112 Resp: 68239
Ion Ratio Lower Upper
112 100
64 59.8 46.7 70.1
63 39.4 35.3 52.9

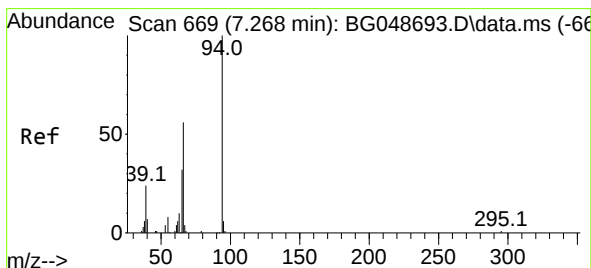
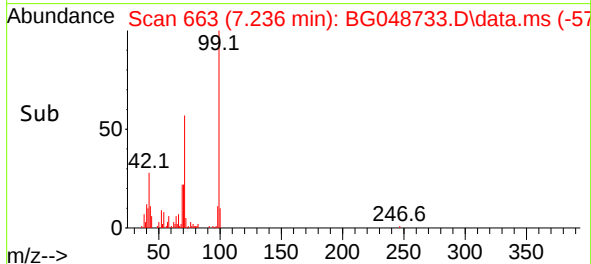
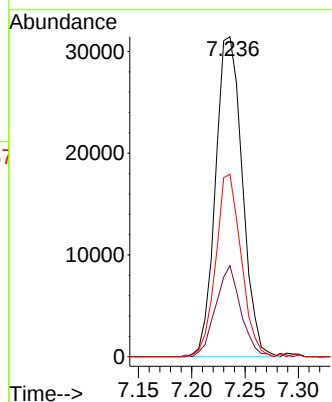
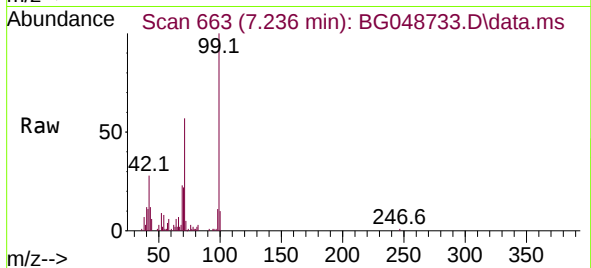




#7
Phenol-d6
Concen: 35.77 ng
RT: 7.236 min Scan# 663
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

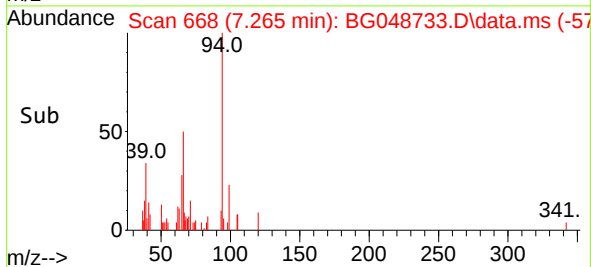
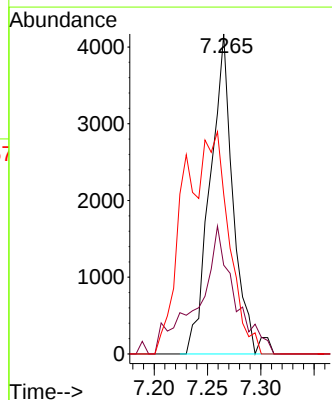
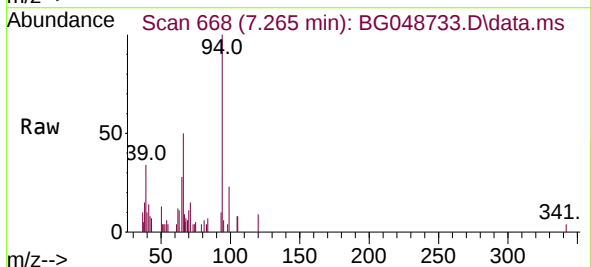
Instrument :
BNA_G
ClientSampleId :
124-GW-1

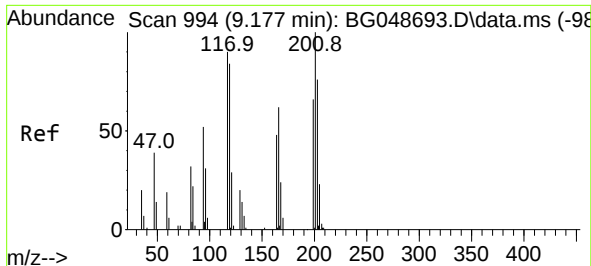
Tgt Ion: 99 Resp: 54929
Ion Ratio Lower Upper
99 100
42 28.5 20.5 30.7
71 57.0 41.5 62.3



#10
Phenol
Concen: 4.17 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion: 94 Resp: 6302
Ion Ratio Lower Upper
94 100
65 27.8 12.9 52.9
66 49.9 39.4 79.4

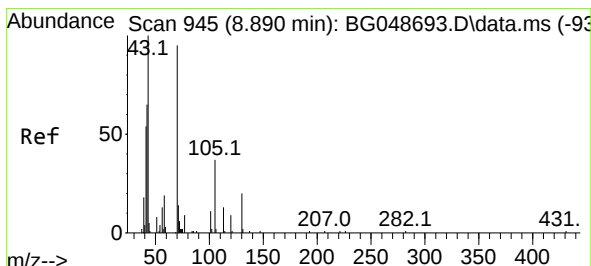
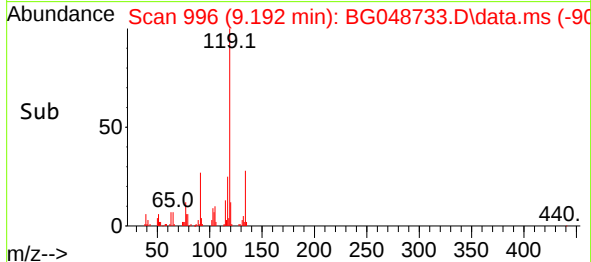
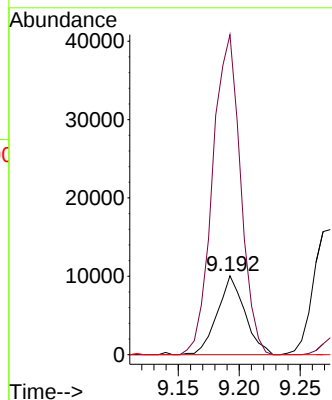
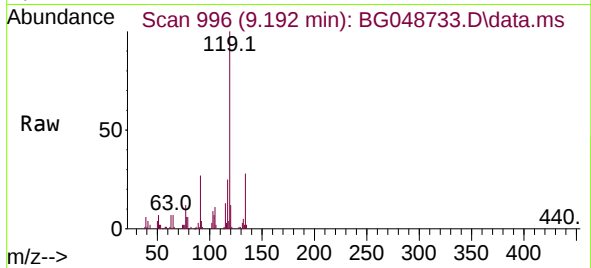




#18
Hexachloroethane
Concen: 29.72 ng
RT: 9.192 min Scan# 996
Delta R.T. 0.020 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

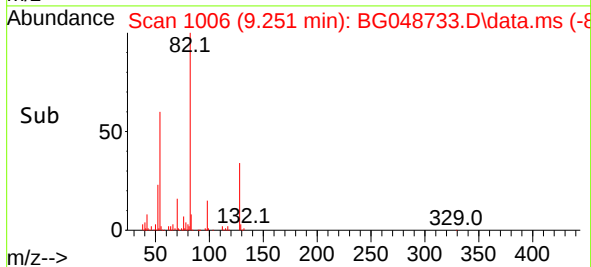
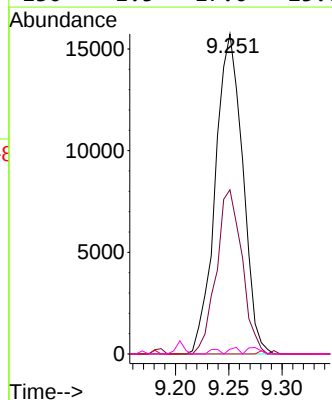
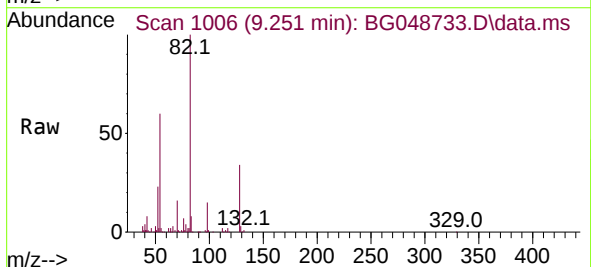
Instrument :
BNA_G
ClientSampleId :
124-GW-1

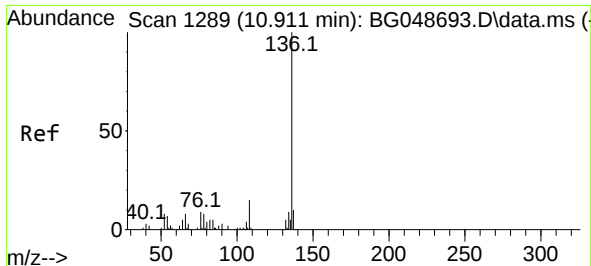
Tgt Ion:117 Resp: 15755
Ion Ratio Lower Upper
117 100
119 405.9 74.4 111.6#
201 0.0 88.6 133.0#



#19
n-Nitroso-di-n-propylamine
Concen: 27.10 ng
RT: 9.251 min Scan# 1006
Delta R.T. 0.360 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion: 70 Resp: 28084
Ion Ratio Lower Upper
70 100
42 51.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

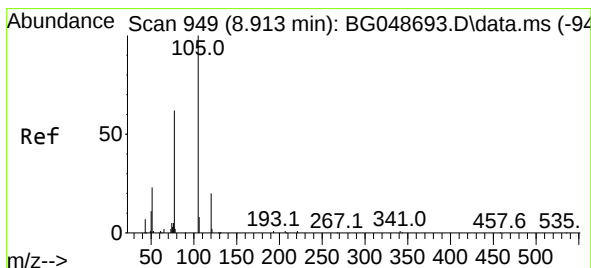
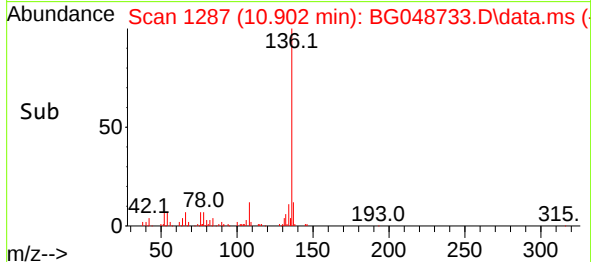
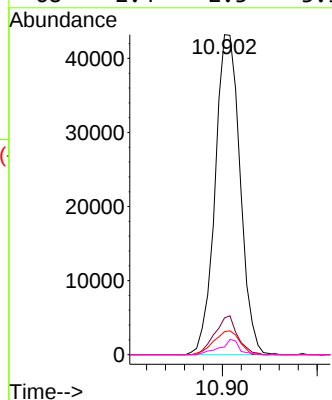
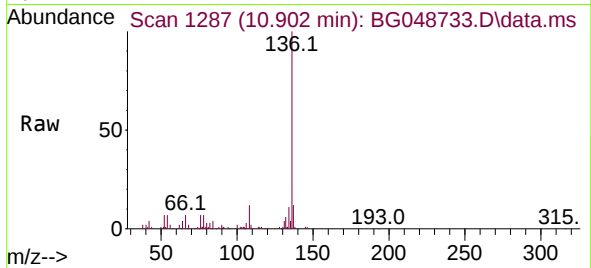




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.902 min Scan# 1287
Delta R.T. -0.010 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

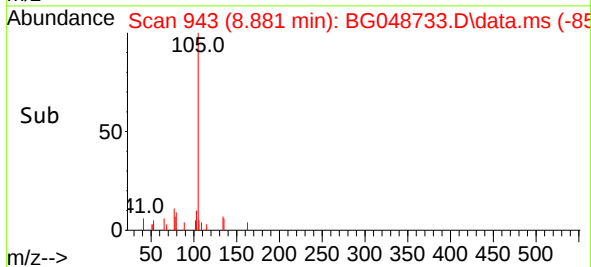
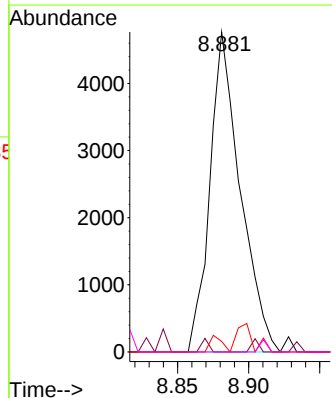
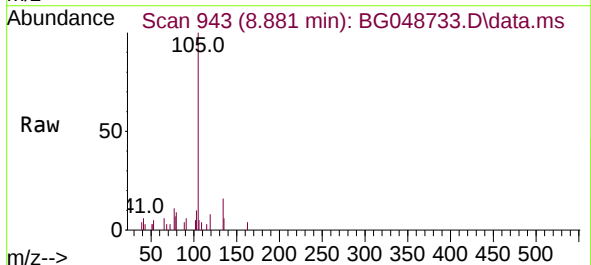
Instrument :
BNA_G
ClientSampled :
124-GW-1

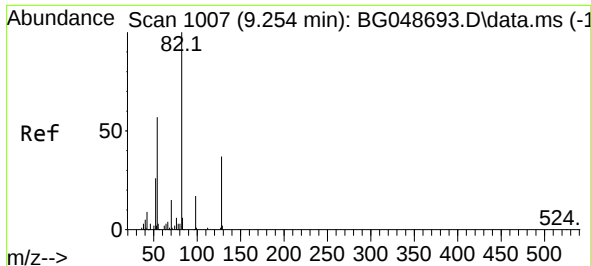
Tgt Ion:136	Resp:	78993
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.2 12.2
54	7.2	5.5 8.3
68	2.4	2.3 3.5



#22
Acetophenone
Concen: 3.45 ng
RT: 8.881 min Scan# 943
Delta R.T. -0.027 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:105	Resp:	7087
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 0.8#
51	3.3	26.6 40.0#
120	0.0	16.2 24.4#





#23

Nitrobenzene-d5

Concen: 94.15 ng

RT: 9.251 min Scan# 1006

Delta R.T. -0.004 min

Lab File: BG048733.D

Acq: 16 Apr 2021 20:48

Instrument :

BNA_G

ClientSampleId :

124-GW-1

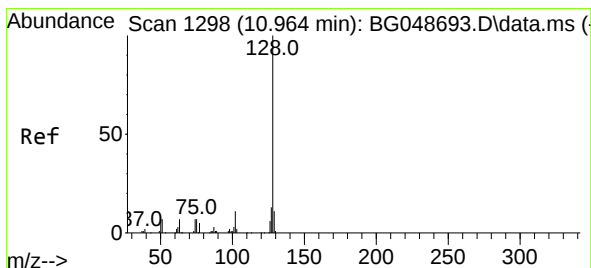
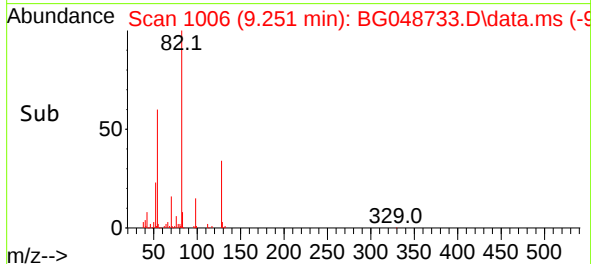
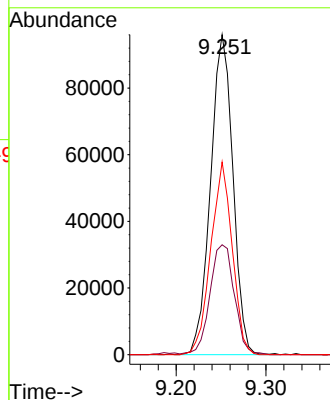
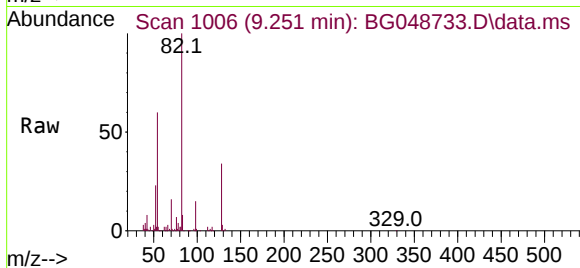
Tgt Ion: 82 Resp: 166127

Ion Ratio Lower Upper

82 100

128 34.4 29.8 44.6

54 60.2 45.8 68.8



#31

Naphthalene

Concen: 4.03 ng

RT: 10.955 min Scan# 1296

Delta R.T. -0.004 min

Lab File: BG048733.D

Acq: 16 Apr 2021 20:48

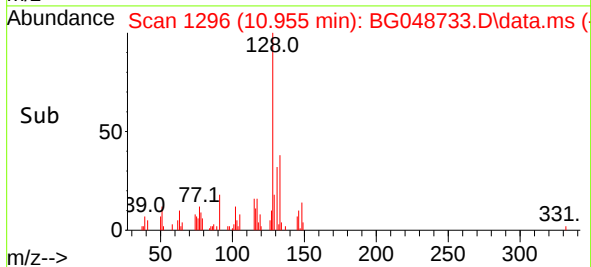
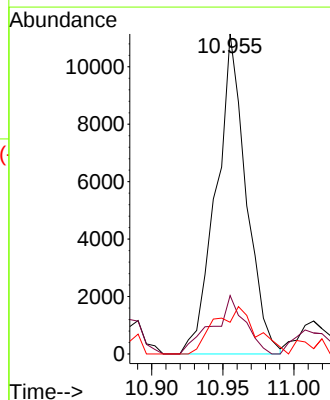
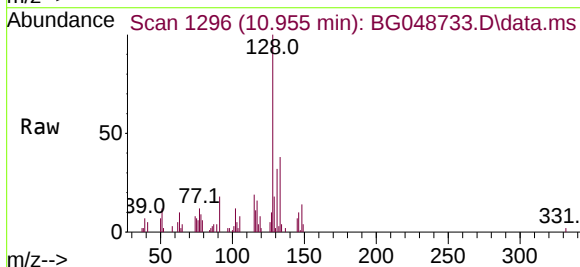
Tgt Ion: 128 Resp: 16350

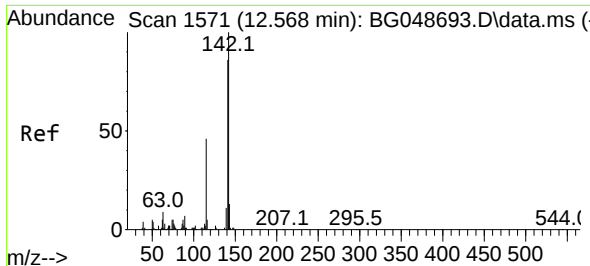
Ion Ratio Lower Upper

128 100

129 18.3 8.5 12.7#

127 9.9 10.2 15.4#

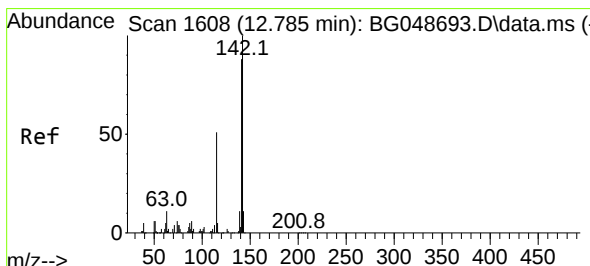
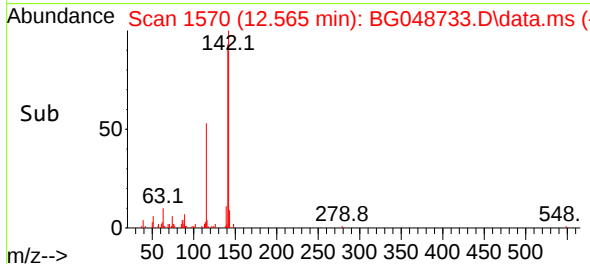
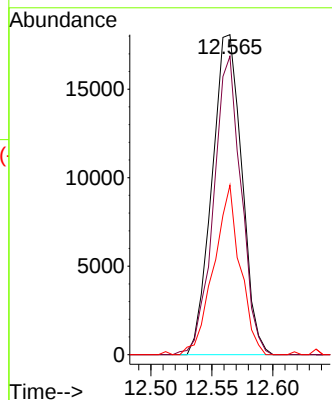
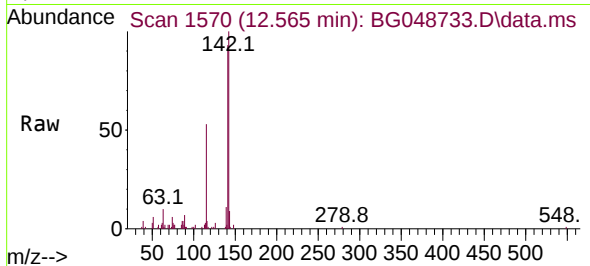




#37
2-Methylnaphthalene
Concen: 9.52 ng
RT: 12.565 min Scan# 1570
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

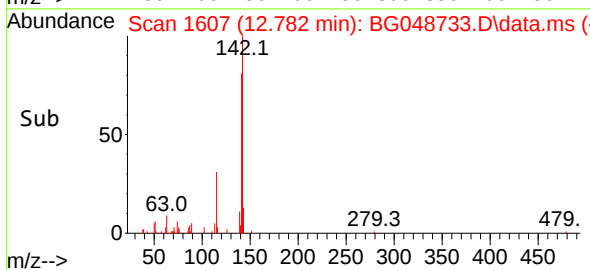
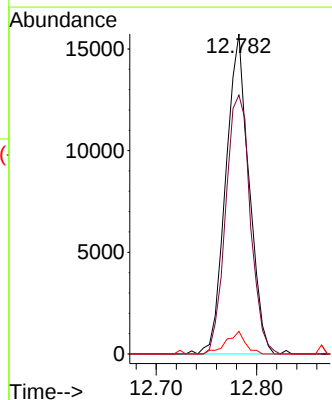
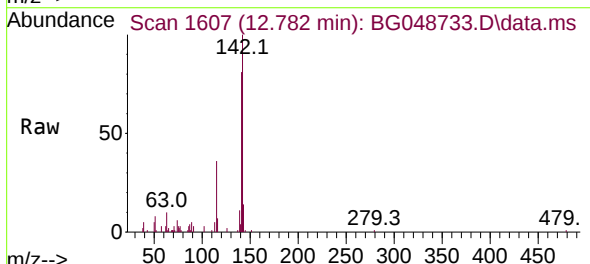
Instrument :
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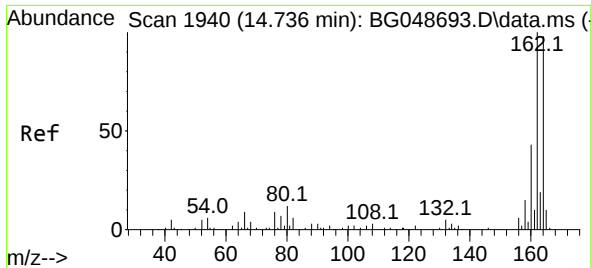
Tgt Ion:142 Resp: 30827
Ion Ratio Lower Upper
142 100
141 93.3 68.8 103.2
115 53.0 36.4 54.6



#38
1-Methylnaphthalene
Concen: 8.38 ng
RT: 12.782 min Scan# 1607
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:142 Resp: 25256
Ion Ratio Lower Upper
142 100
141 80.9 70.6 106.0
116 7.1 4.0 6.0#

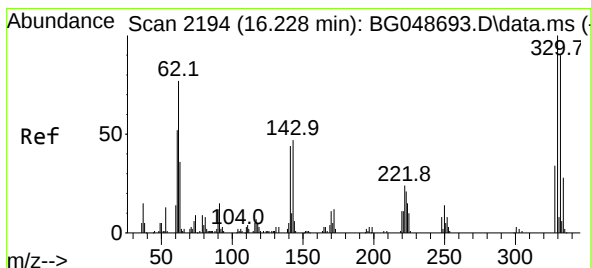
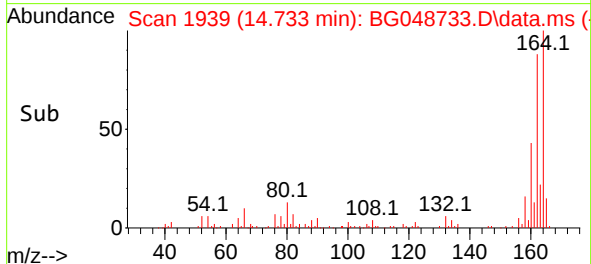
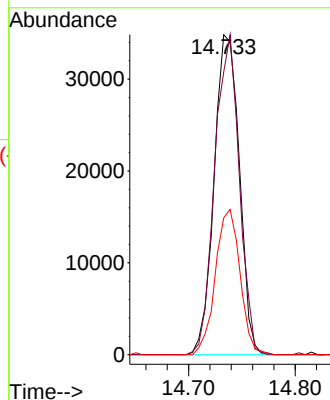
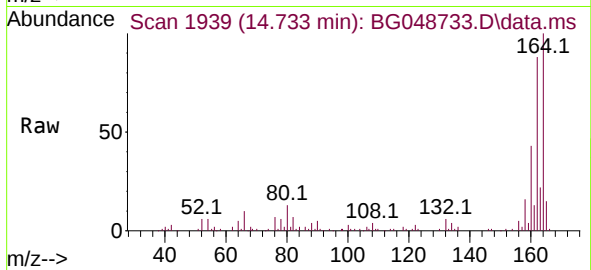




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.010 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

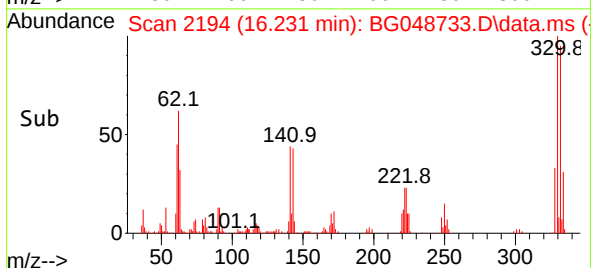
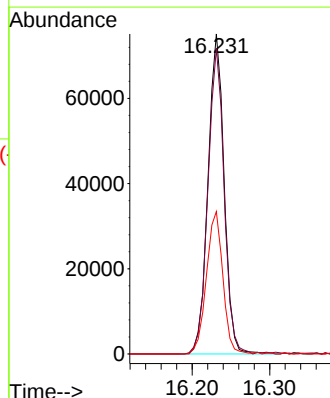
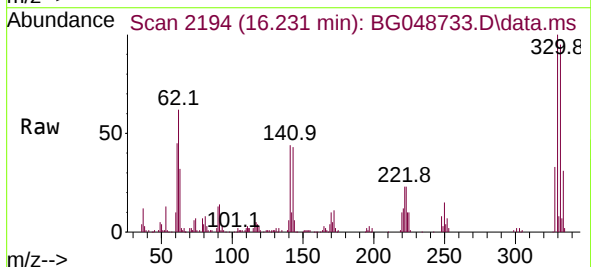
Instrument :
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124-GW-1

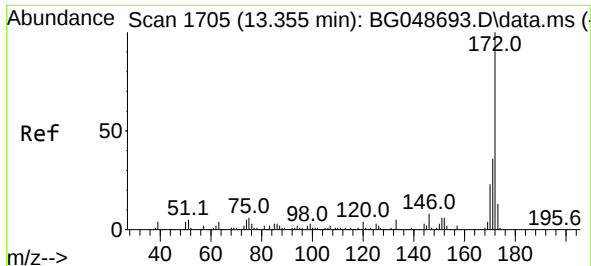
Tgt Ion:164 Resp: 57173
Ion Ratio Lower Upper
164 100
162 88.3 81.4 122.0
160 42.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 141.87 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:330 Resp: 108751
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 45.5 35.6 53.4

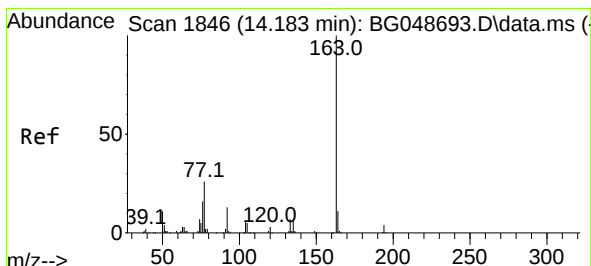
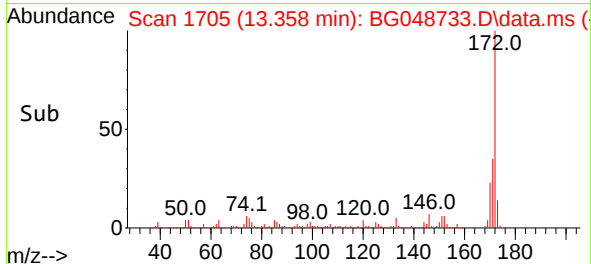
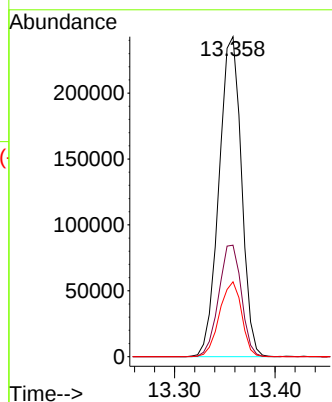
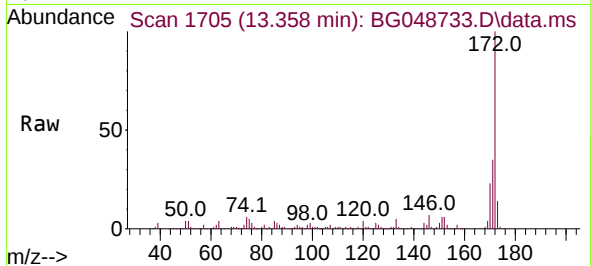




#45
2-Fluorobiphenyl
Concen: 95.00 ng
RT: 13.358 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

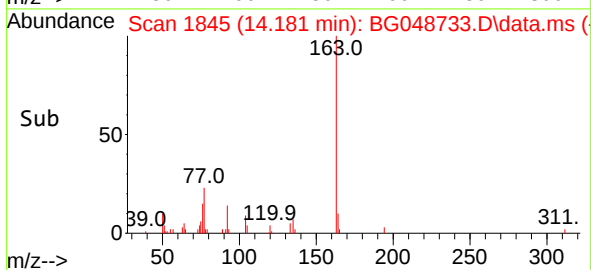
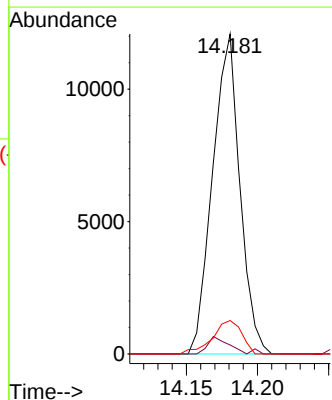
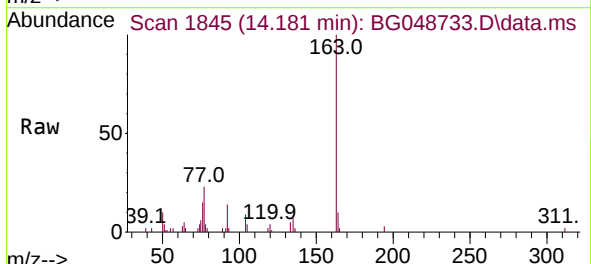
Instrument :
BNA_G
ClientSampled :
124-GW-1

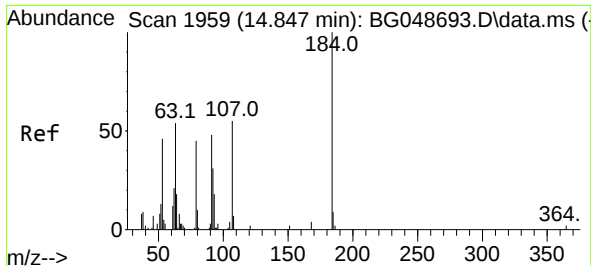
Tgt Ion:172 Resp: 376124
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.4 18.6 27.8



#50
Dimethylphthalate
Concen: 3.75 ng
RT: 14.181 min Scan# 1845
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:163 Resp: 16090
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.6#
164 10.4 8.6 12.8

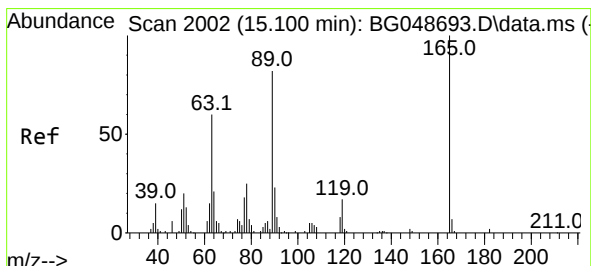
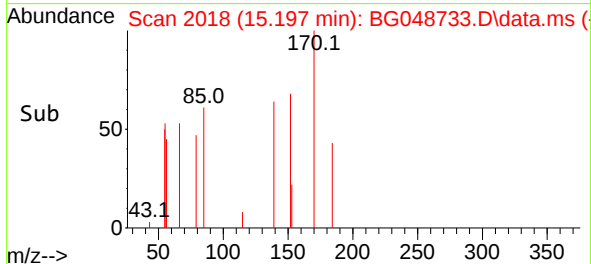
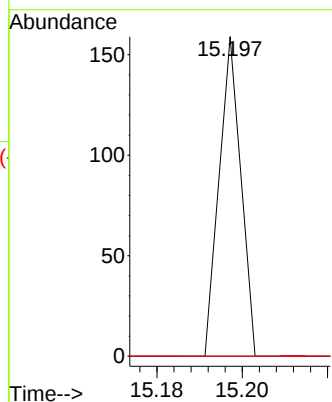
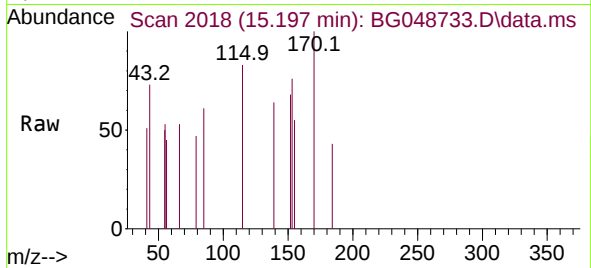




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 15.197 min Scan# 2018
Delta R.T. 0.343 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

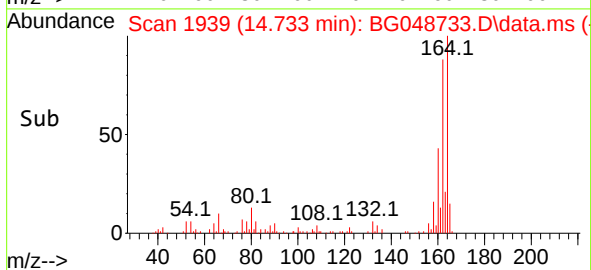
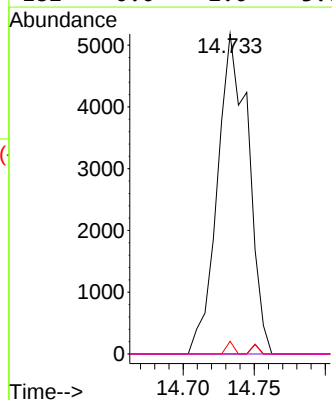
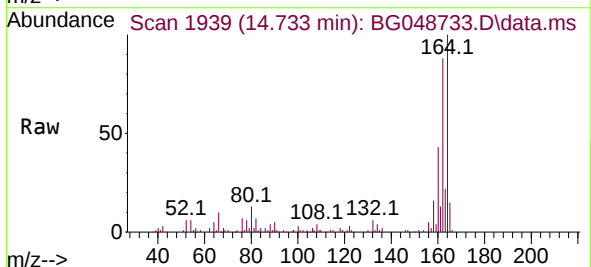
Instrument :
BNA_G
ClientSampleId :
124-GW-1

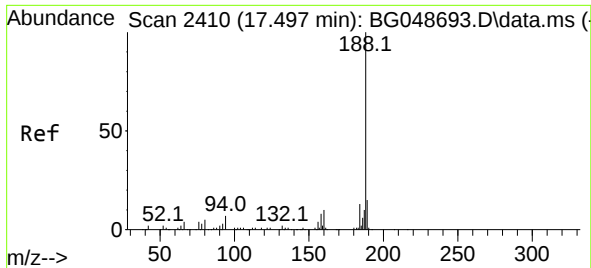
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.368 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:165 Resp: 7858
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#

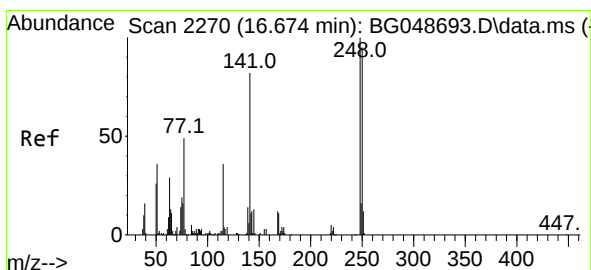
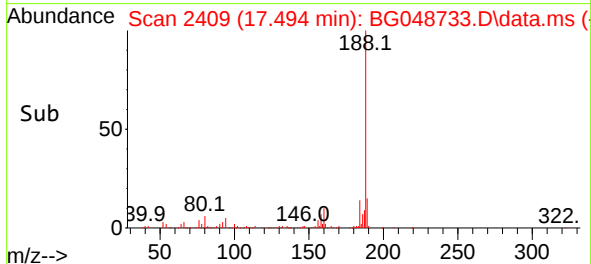
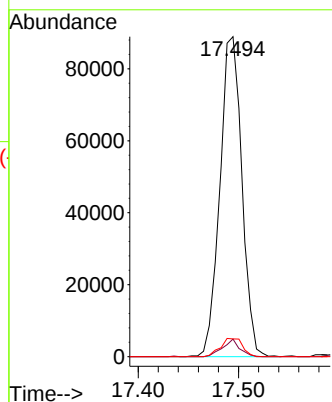
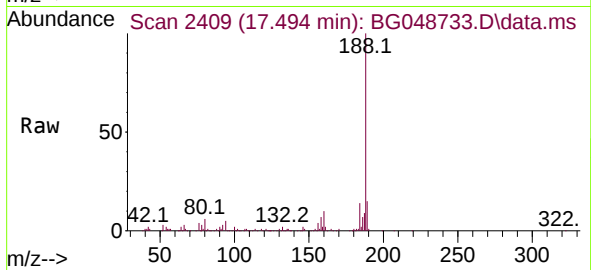




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

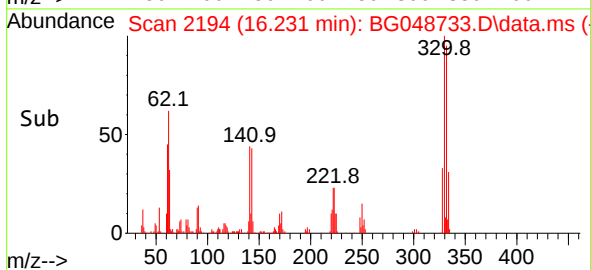
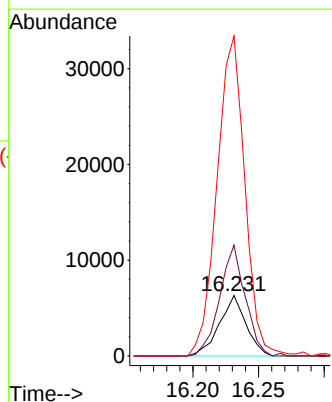
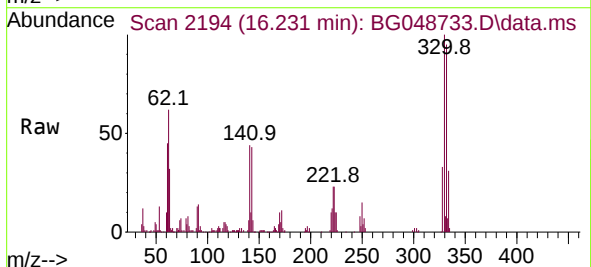
Instrument :
BNA_G
ClientSampleId :
124-GW-1

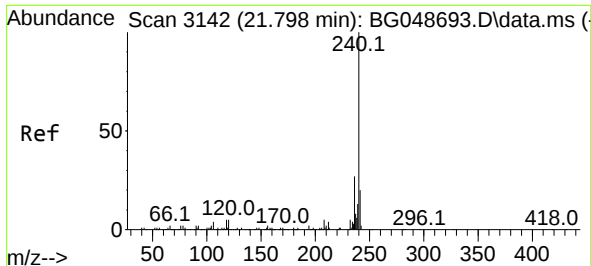
Tgt Ion:188 Resp: 135096
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.73 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.445 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:248 Resp: 8905
Ion Ratio Lower Upper
248 100
250 182.9 76.1 114.1#
141 528.8 65.4 98.2#

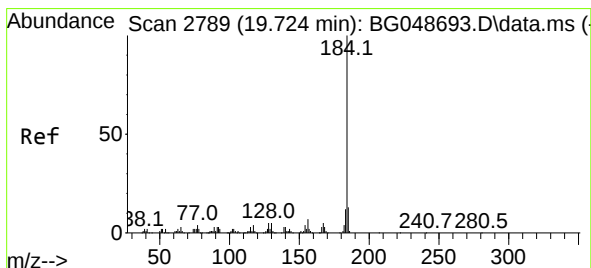
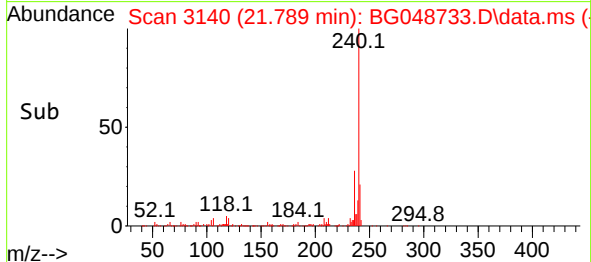
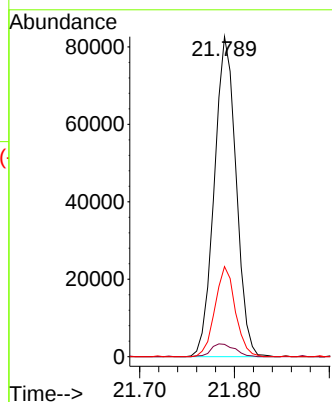
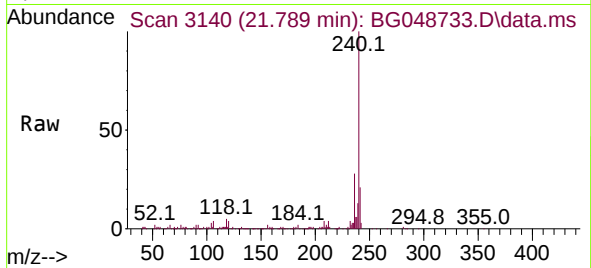




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

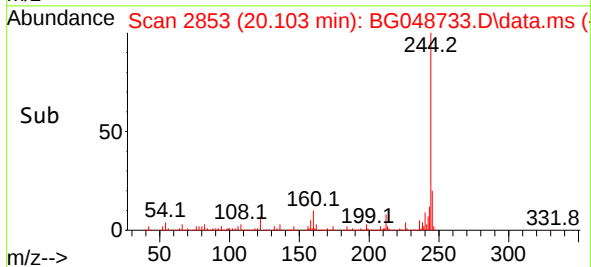
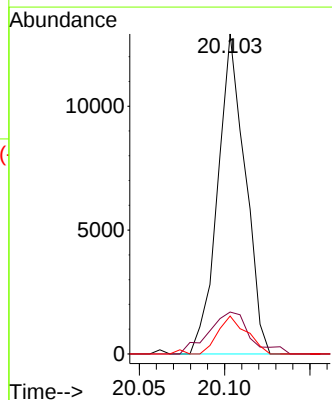
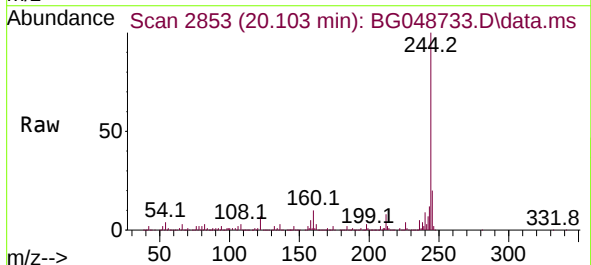
Instrument :
BNA_G
ClientSampleId :
124-GW-1

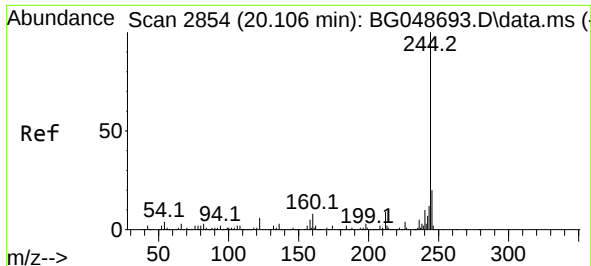
Tgt Ion:240 Resp: 131926
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 28.1 21.8 32.6



#77
Benzidine
Concen: 4.03 ng
RT: 20.103 min Scan# 2853
Delta R.T. 0.372 min
Lab File: BG048733.D
Acq: 16 Apr 2021 20:48

Tgt Ion:184 Resp: 14427
Ion Ratio Lower Upper
184 100
185 13.1 10.7 16.1
183 11.8 9.4 14.0

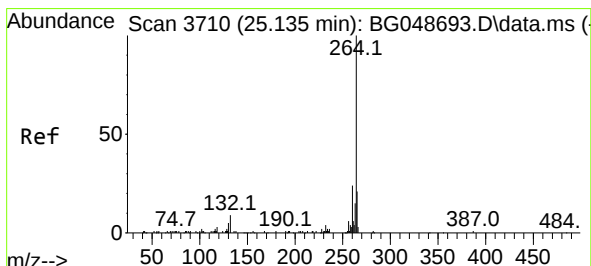
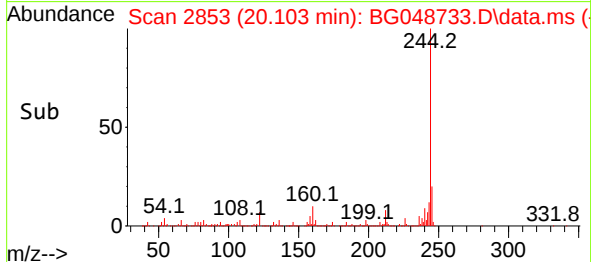
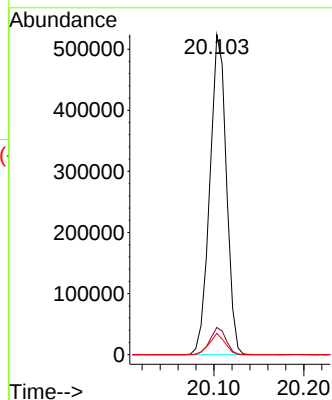
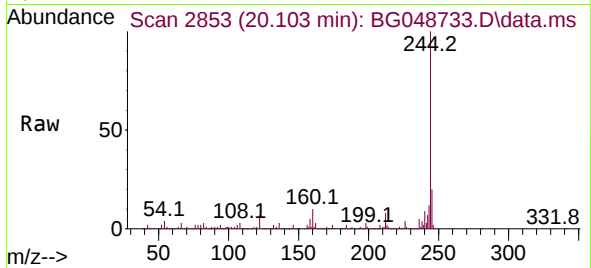




#79
 Terphenyl-d14
 Concen: 87.36 ng
 RT: 20.103 min Scan# 2853
 Delta R.T. -0.004 min
 Lab File: BG048733.D
 Acq: 16 Apr 2021 20:48

Instrument :
 BNA_G
 ClientSampleId :
 124-GW-1

Tgt Ion:244 Resp: 669649
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.6 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.133 min Scan# 3709
 Delta R.T. -0.010 min
 Lab File: BG048733.D
 Acq: 16 Apr 2021 20:48

Tgt Ion:264 Resp: 132972
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.4 29.2
 265 18.7 16.9 25.3

