

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048837.D
 Acq On : 22 Apr 2021 2:51
 Operator : CG/JU
 Sample : M2042-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124-GW-2

Quant Time: Apr 22 03:50:07 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)

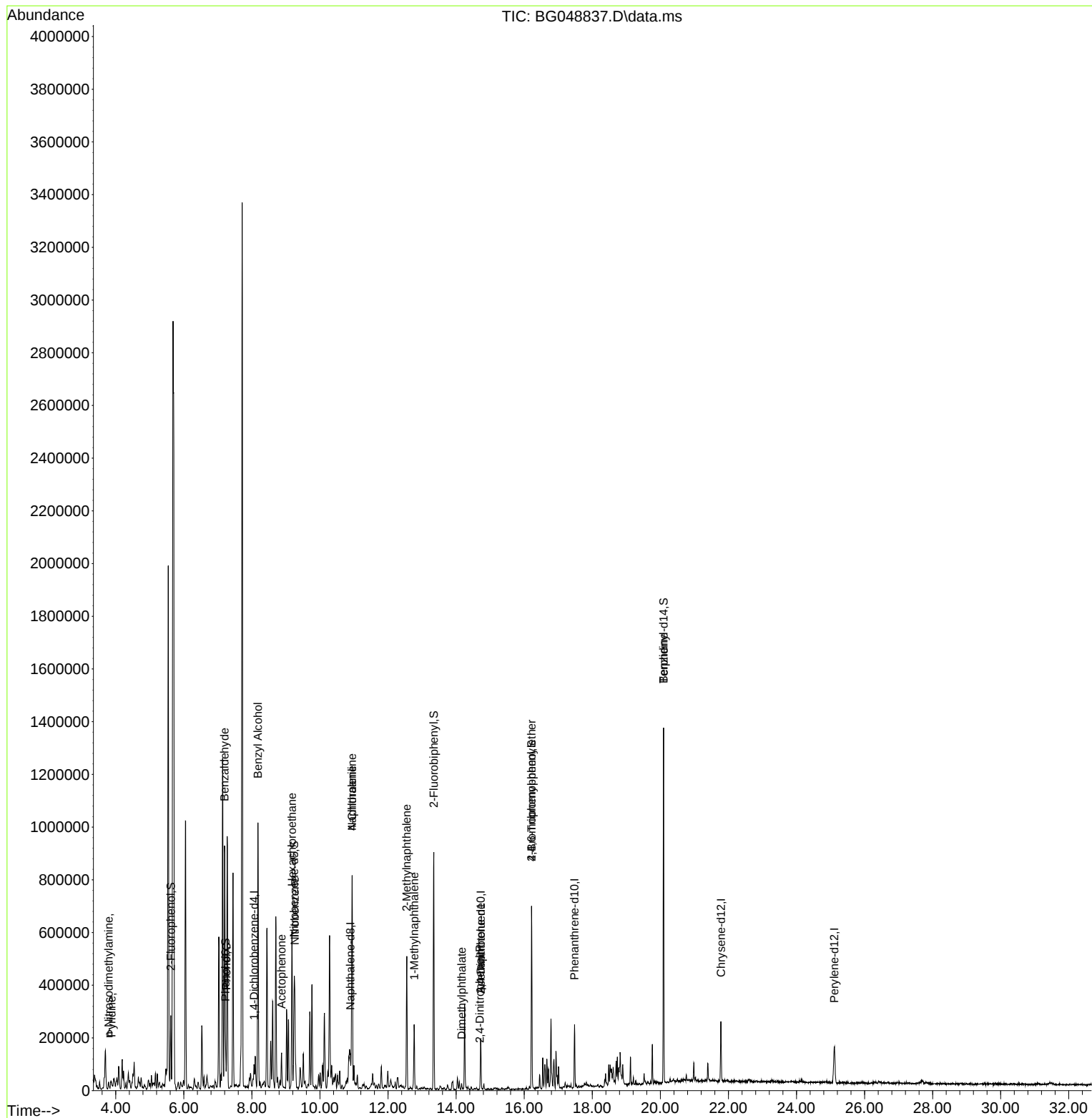
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	22336	20.00	ng	# 0.00
21) Naphthalene-d8	10.893	136	92548	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	66456	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	141124	20.00	ng	0.00
76) Chrysene-d12	21.780	240	131235	20.00	ng	0.00
86) Perylene-d12	25.112	264	132542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	83231	62.32	ng	0.01
7) Phenol-d6	7.227	99	66526	35.22	ng	0.00
23) Nitrobenzene-d5	9.242	82	195361	94.51	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	109749	123.17	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	440774	95.78	ng	0.00
79) Terphenyl-d14	20.094	244	582918	76.45	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.872	79	3057	2.24	ng	# 62
4) n-Nitrosodimethylamine	3.790	42	2883	2.77	ng	# 13
9) Benzaldehyde	7.198	77	71375	57.02	ng	# 1
10) Phenol	7.256	94	6718	3.62	ng	# 35
15) Benzyl Alcohol	8.179	79	57524	34.56	ng	# 14
18) Hexachloroethane	9.178	117	67743	103.89	ng	# 1
22) Acetophenone	8.872	105	85547	35.51	ng	# 52
24) Nitrobenzene	9.260	77	13493	6.54	ng	# 20
31) Naphthalene	10.946	128	557608	117.42	ng	98
33) 4-Chloroaniline	10.946	127	75294	38.10	ng	# 33
37) 2-Methylnaphthalene	12.550	142	220764	58.17	ng	98
38) 1-Methylnaphthalene	12.768	142	107804	30.53	ng	96
50) Dimethylphthalate	14.166	163	12676	2.54	ng	98
54) 2,4-Dinitrophenol	14.695	184	59	5.36	ng	# 8
57) 2,4-Dinitrotoluene	14.724	165	8199	4.91	ng	# 17
67) 4-Bromophenyl-phenylether	16.216	248	8757	5.39	ng	# 1
77) Benzidine	20.094	184	11820	3.32	ng	97

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

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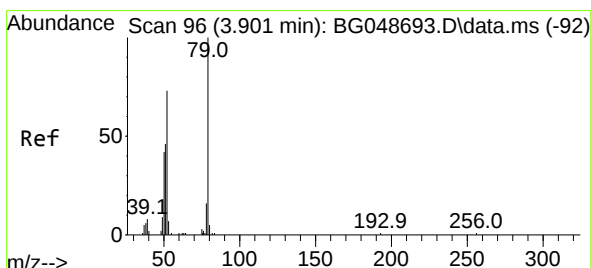
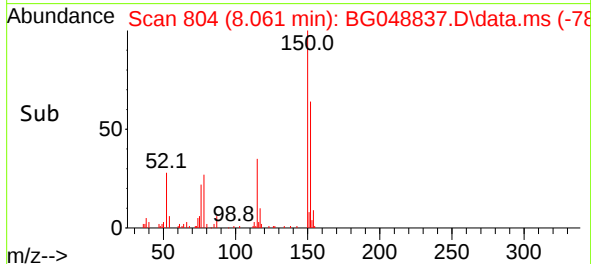
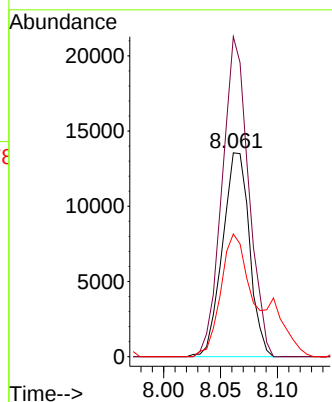
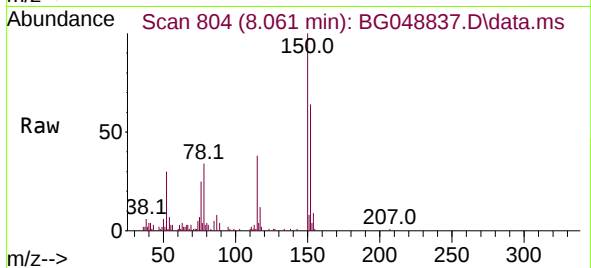




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

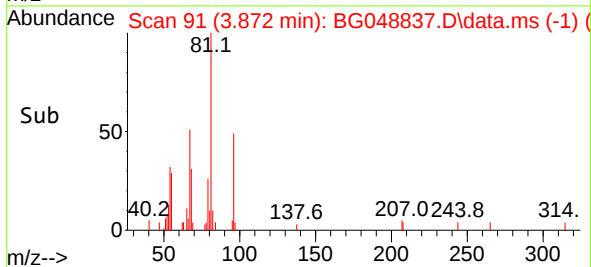
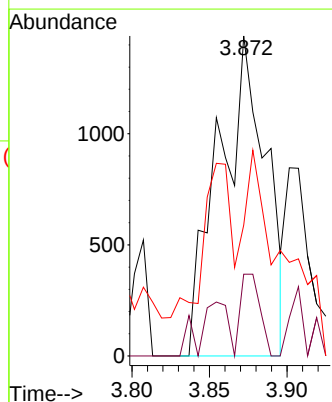
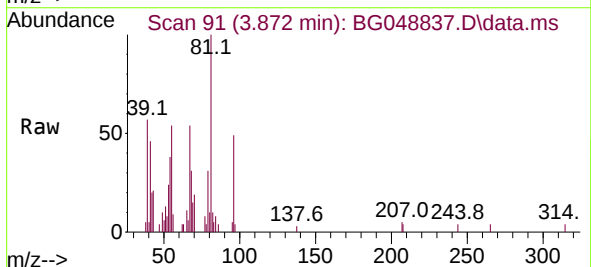
Instrument :
BNA_G
ClientSampled :
124-GW-2

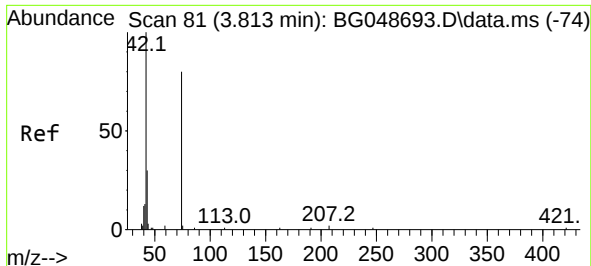
Tgt Ion:152 Resp: 22336
Ion Ratio Lower Upper
152 100
150 157.0 119.4 179.0
115 60.2 60.2 90.4#



#3
Pyridine
Concen: 2.24 ng
RT: 3.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion: 79 Resp: 3057
Ion Ratio Lower Upper
79 100
52 25.6 58.4 87.6#
51 40.9 37.0 55.6

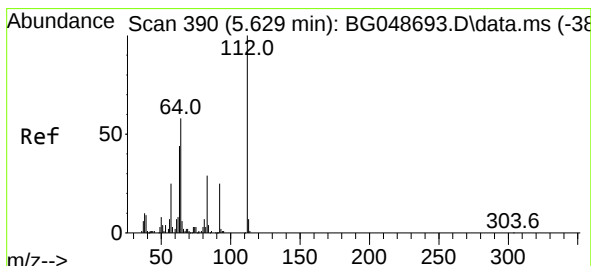
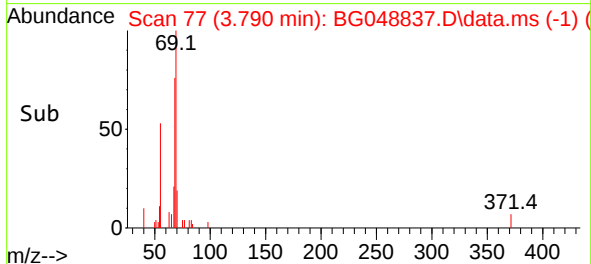
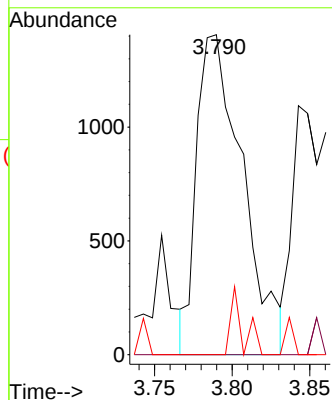
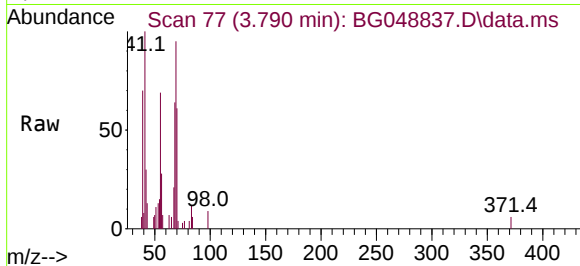




#4
n-Nitrosodimethylamine
Concen: 2.77 ng
RT: 3.790 min Scan# 77
Delta R.T. 0.012 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

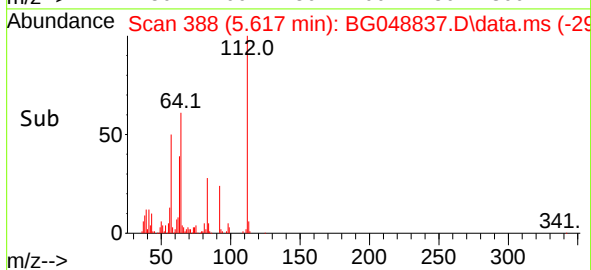
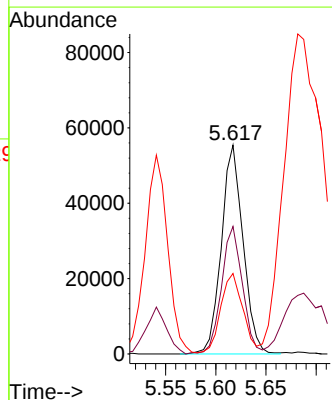
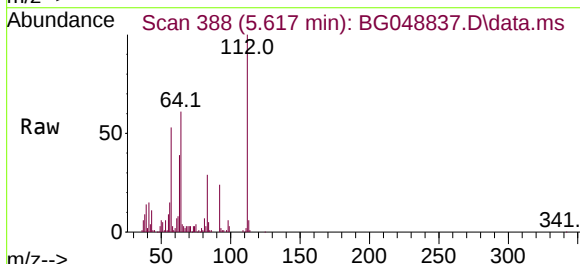
Instrument :
BNA_G
ClientSampled :
124-GW-2

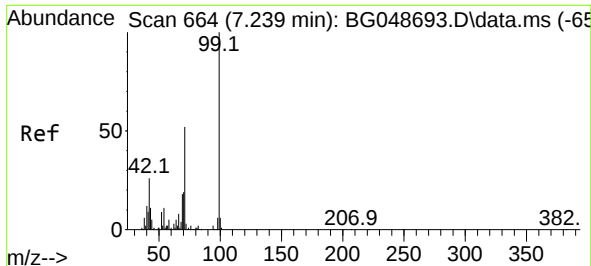
Tgt Ion: 42 Resp: 2883
Ion Ratio Lower Upper
42 100
74 0.0 64.0 96.0#
44 0.0 2.7 4.1#



#5
2-Fluorophenol
Concen: 62.32 ng
RT: 5.617 min Scan# 388
Delta R.T. 0.012 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion: 112 Resp: 83231
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 38.6 35.3 52.9

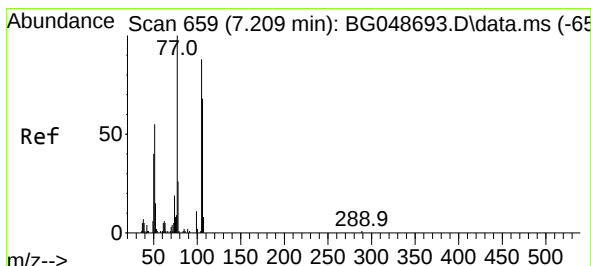
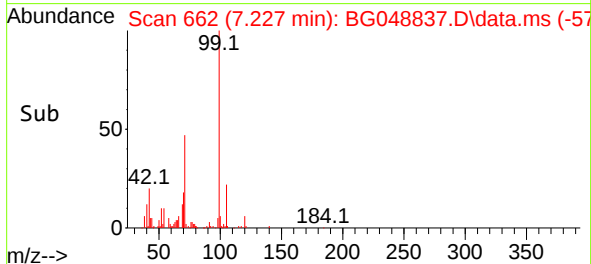
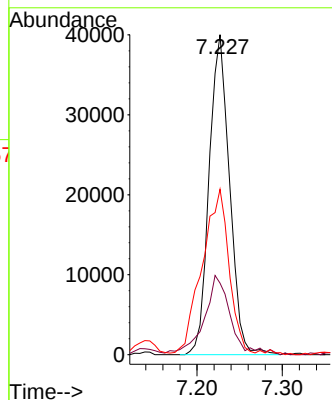
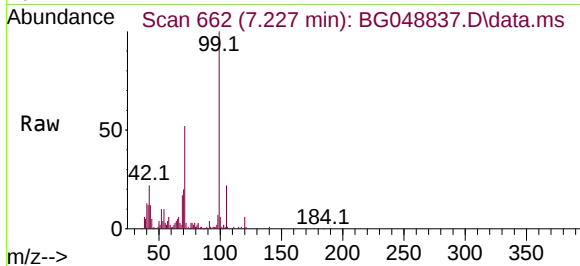




#7
Phenol-d6
Concen: 35.22 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

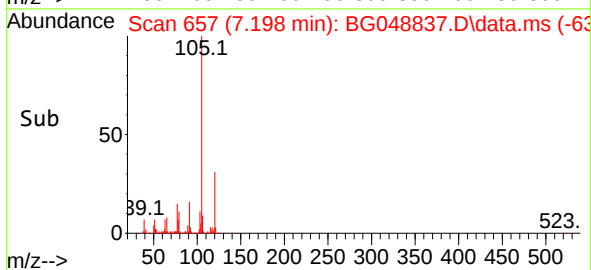
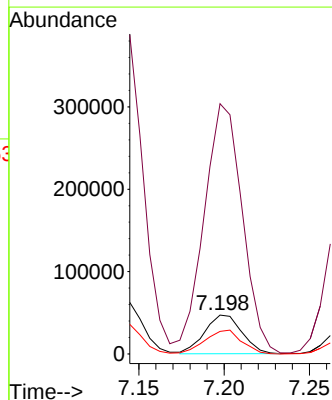
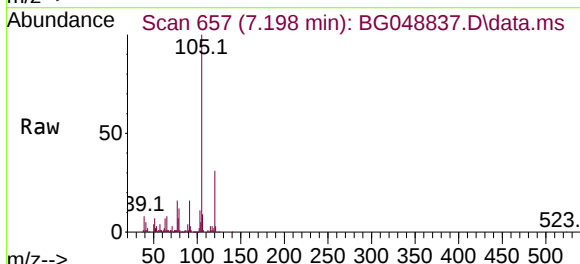
Instrument :
BNA_G
ClientSampleId :
124-GW-2

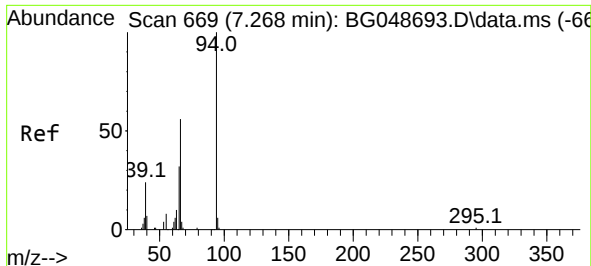
Tgt Ion:	99	Resp:	66526
Ion Ratio	Lower	Upper	
99	100		
42	22.3	20.5	30.7
71	51.7	41.5	62.3



#9
Benzaldehyde
Concen: 57.02 ng
RT: 7.198 min Scan# 657
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:	77	Resp:	71375
Ion Ratio	Lower	Upper	
77	100		
105	643.6	68.8	108.8#
106	57.8	47.9	87.9

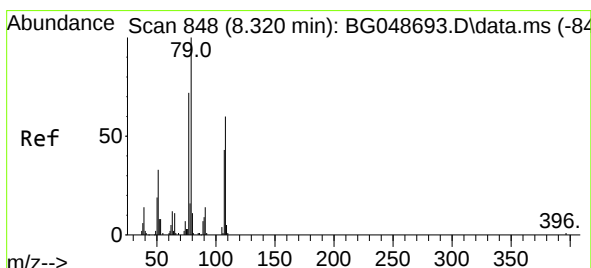
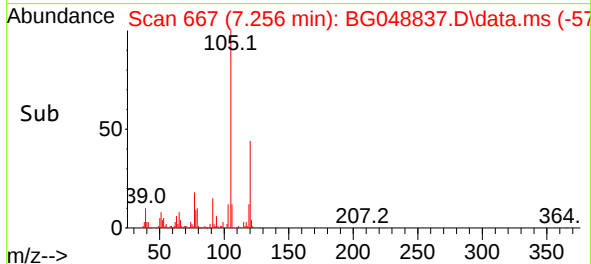
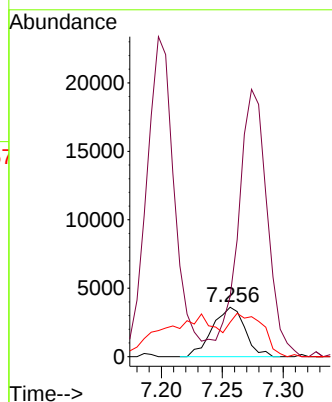
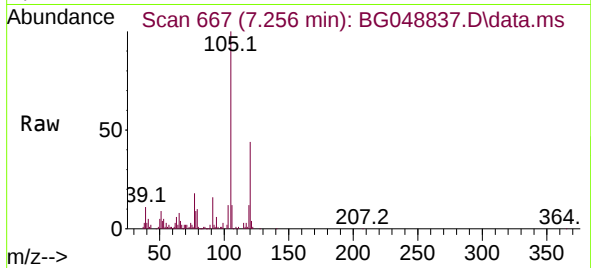




#10
Phenol
Concen: 3.62 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

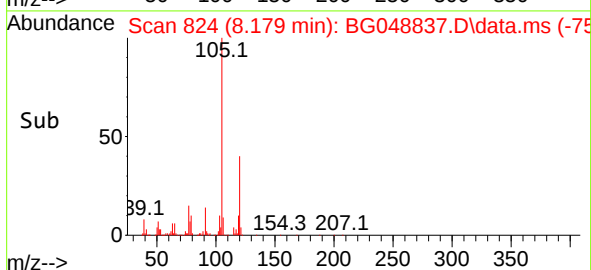
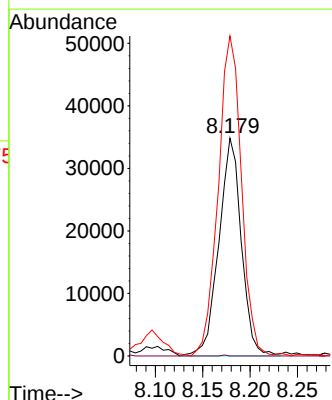
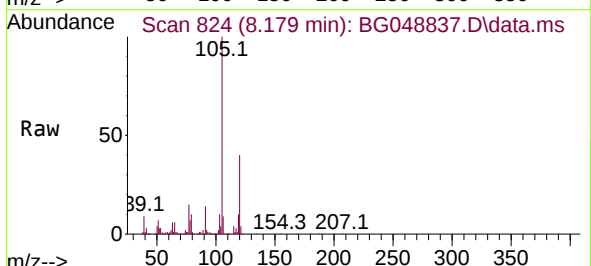
Instrument :
BNA_G
ClientSampleId :
124-GW-2

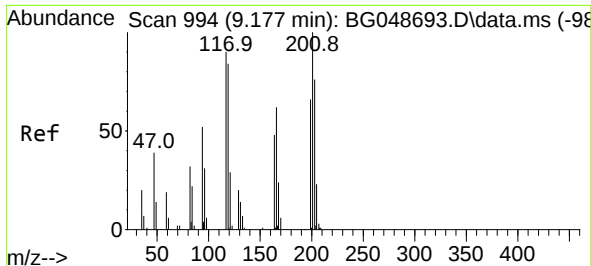
Tgt Ion: 94 Resp: 6718
Ion Ratio Lower Upper
94 100
65 121.5 12.9 52.9#
66 69.7 39.4 79.4



#15
Benzyl Alcohol
Concen: 34.56 ng
RT: 8.179 min Scan# 824
Delta R.T. -0.123 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion: 79 Resp: 57524
Ion Ratio Lower Upper
79 100
108 0.0 48.2 72.4#
77 146.9 57.3 85.9#

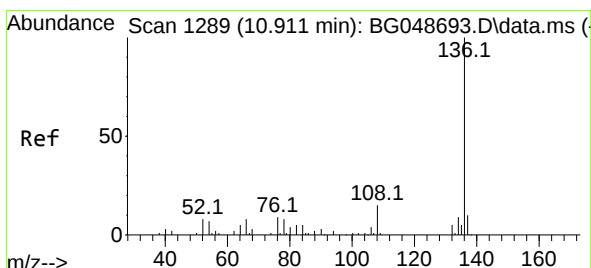
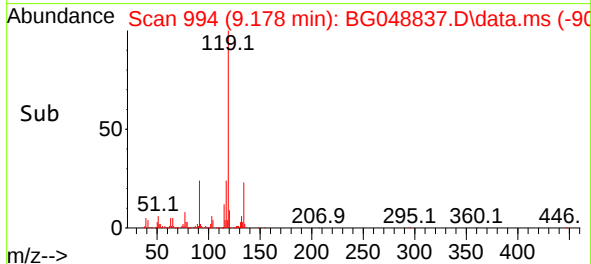
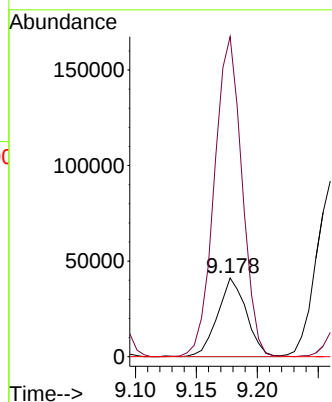
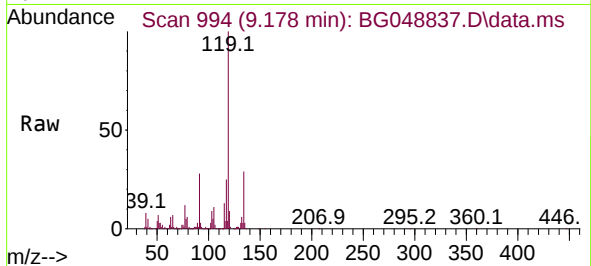




#18
Hexachloroethane
Concen: 103.89 ng
RT: 9.178 min Scan# 994
Delta R.T. 0.024 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

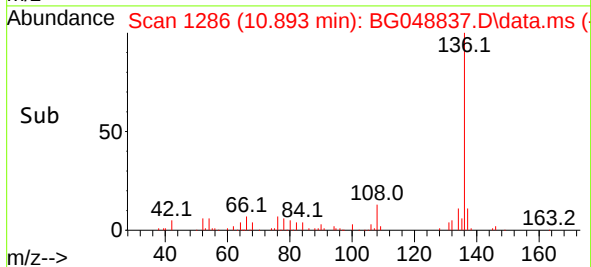
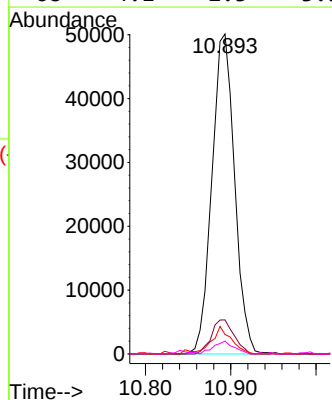
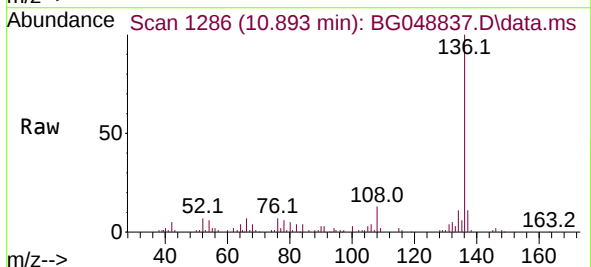
Instrument :
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ClientSampleId :
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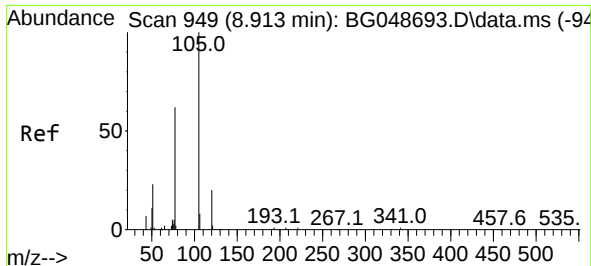
Tgt Ion:117 Resp: 67743
Ion Ratio Lower Upper
117 100
119 406.6 74.4 111.6#
201 0.0 88.6 133.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.893 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:136 Resp: 92548
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 6.1 5.5 8.3
68 4.1 2.3 3.5#

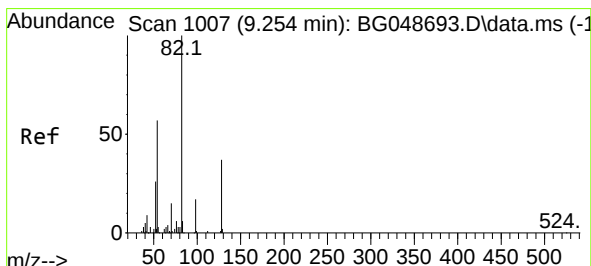
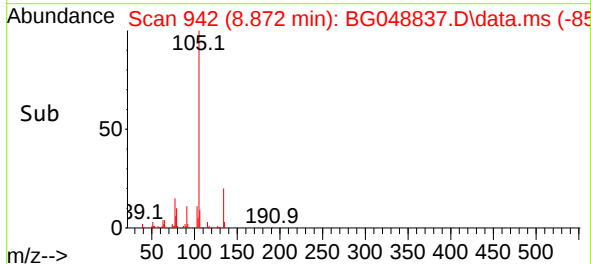
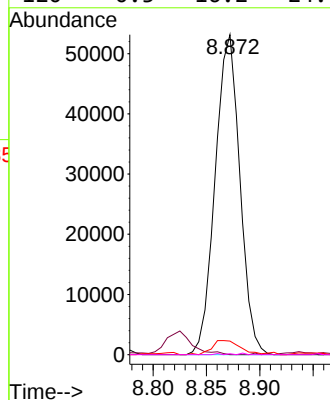
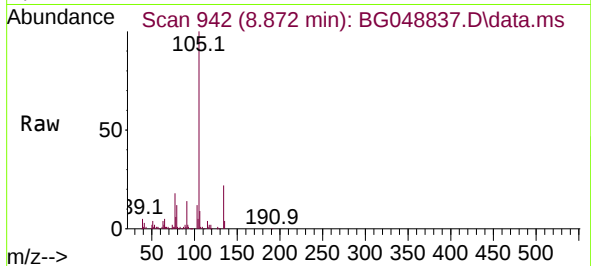




#22
Acetophenone
Concen: 35.51 ng
RT: 8.872 min Scan# 942
Delta R.T. -0.018 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

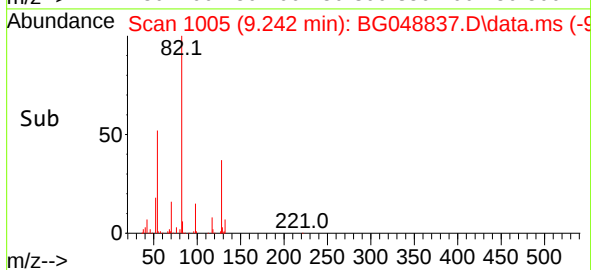
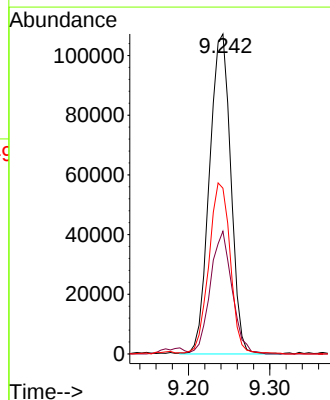
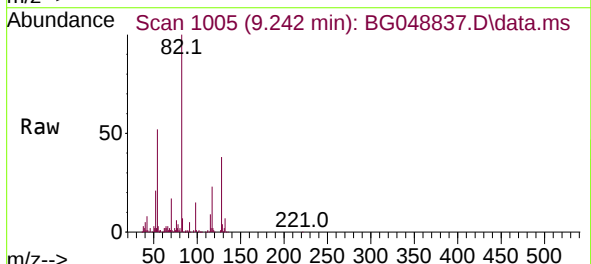
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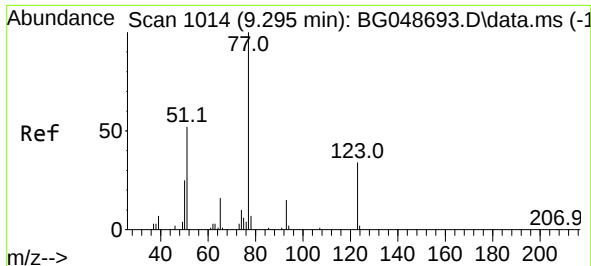
Tgt Ion:	105	Resp:	85547
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8#
51	4.2	26.6	40.0#
120	0.3	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 94.51 ng
RT: 9.242 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:	82	Resp:	195361
Ion Ratio	Lower	Upper	
82	100		
128	38.3	29.8	44.6
54	51.8	45.8	68.8

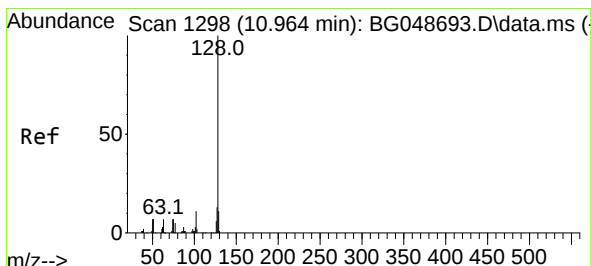
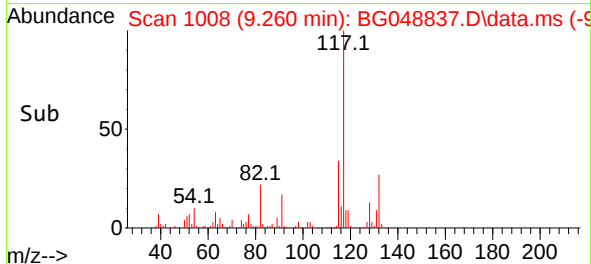
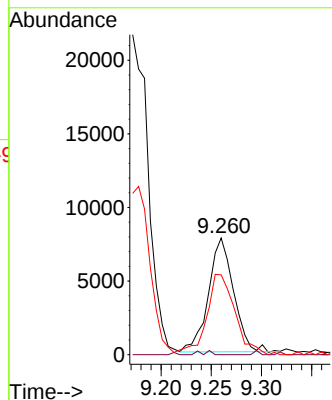
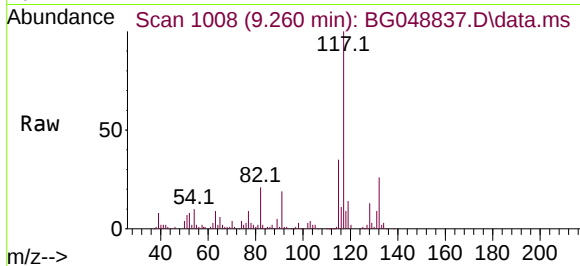




#24
Nitrobenzene
Concen: 6.54 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.018 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

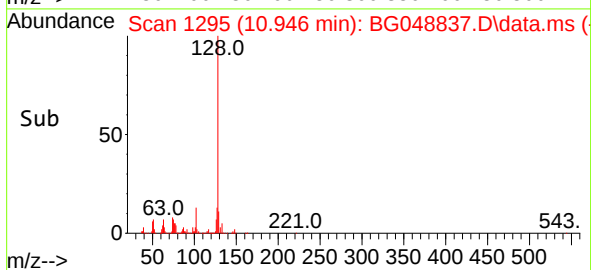
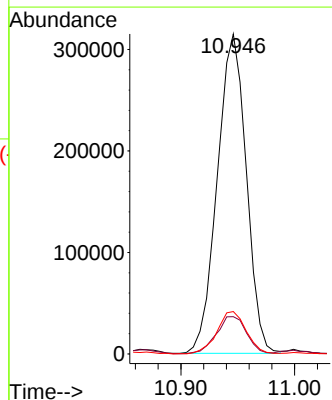
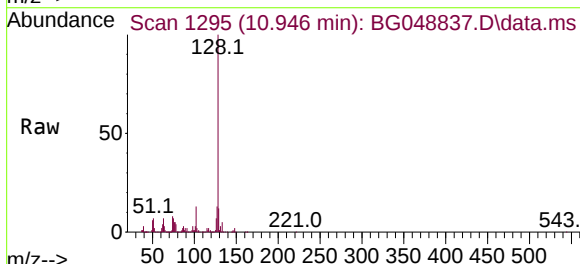
Instrument :
BNA_G
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124-GW-2

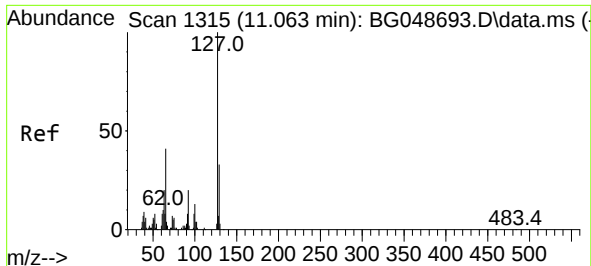
Tgt Ion: 77 Resp: 13493
Ion Ratio Lower Upper
77 100
123 0.0 27.5 41.3#
65 68.5 12.6 18.8#



#31
Naphthalene
Concen: 117.42 ng
RT: 10.946 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:128 Resp: 557608
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.3 10.2 15.4

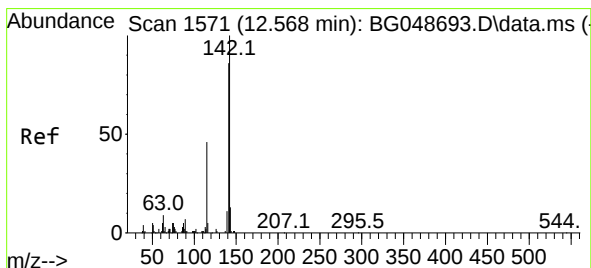
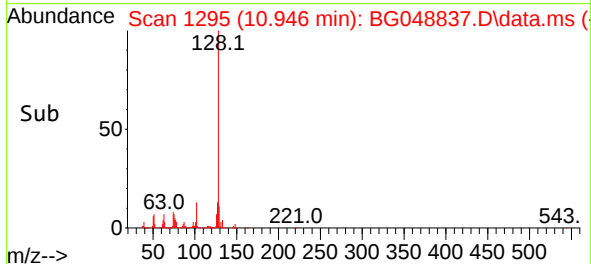
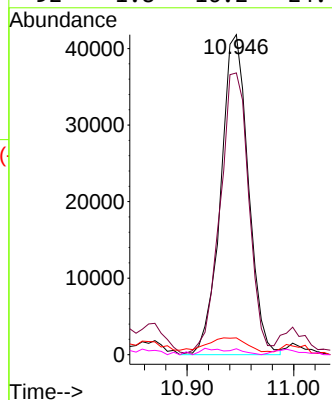
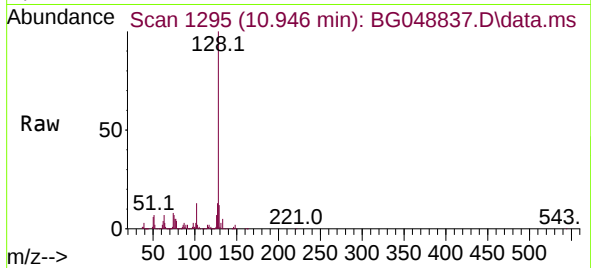




#33
4-Chloroaniline
Concen: 38.10 ng
RT: 10.946 min Scan# 1295
Delta R.T. -0.100 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

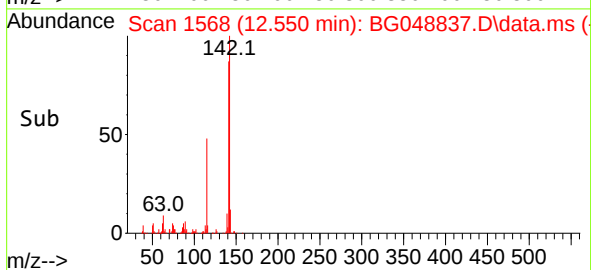
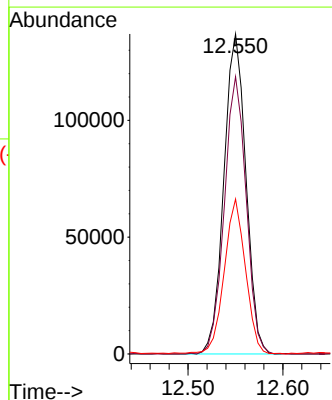
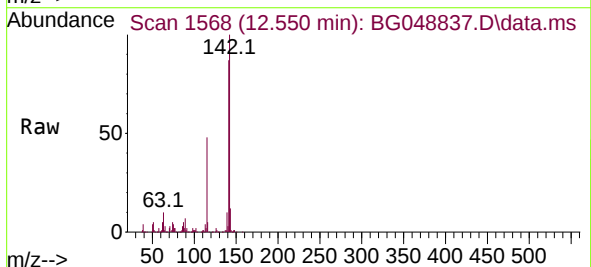
Instrument :
BNA_G
ClientSampleId :
124-GW-2

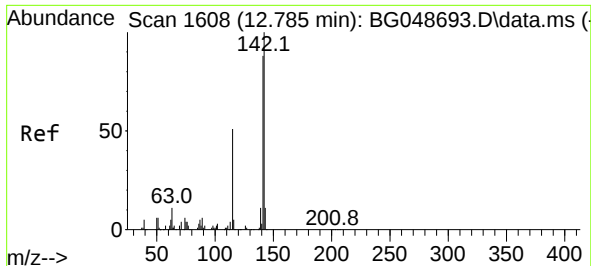
Tgt Ion:127	Resp:	75294
Ion Ratio	Lower	Upper
127	100	
129	88.0	26.7 40.1#
65	5.3	32.8 49.2#
92	1.8	16.2 24.4#



#37
2-Methylnaphthalene
Concen: 58.17 ng
RT: 12.550 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:142	Resp:	220764
Ion Ratio	Lower	Upper
142	100	
141	86.7	68.8 103.2
115	48.4	36.4 54.6

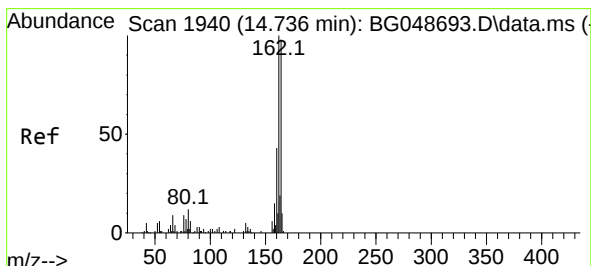
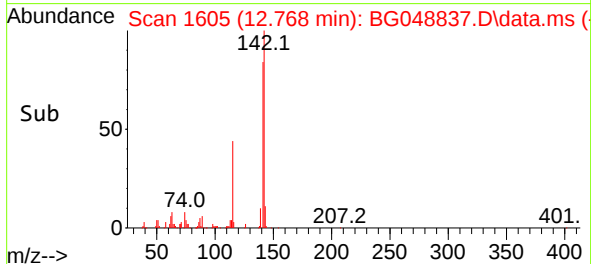
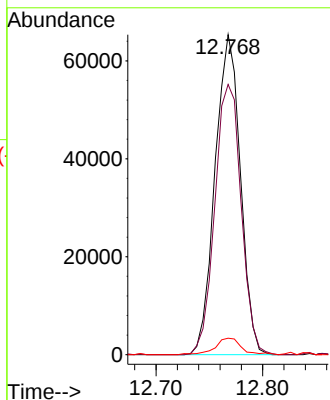
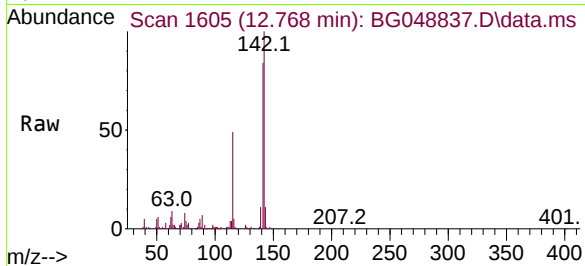




#38
1-Methylnaphthalene
Concen: 30.53 ng
RT: 12.768 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

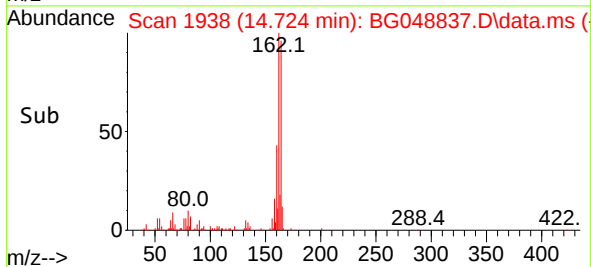
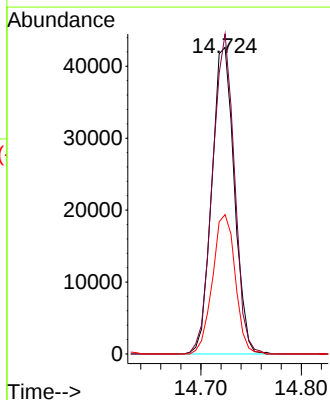
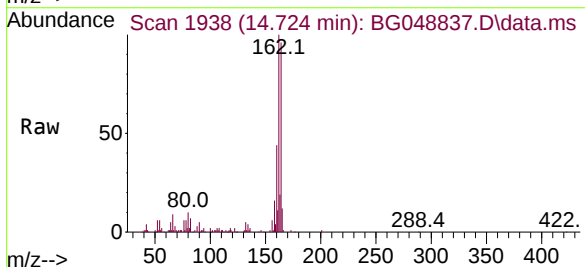
Instrument :
BNA_G
ClientSampleId :
124-GW-2

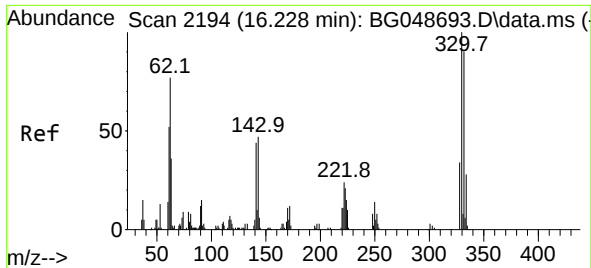
Tgt Ion:142 Resp: 107804
Ion Ratio Lower Upper
142 100
141 84.5 70.6 106.0
116 5.2 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:164 Resp: 66456
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 45.5 34.9 52.3

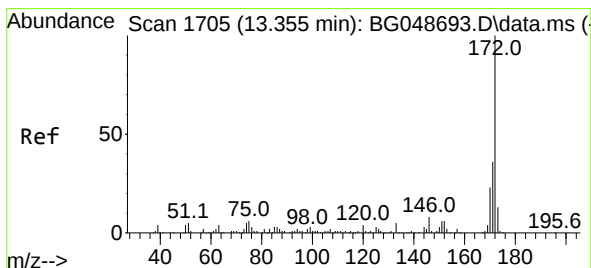
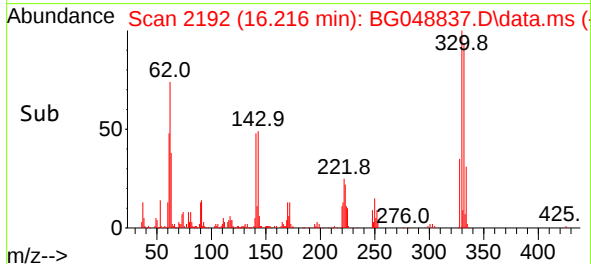
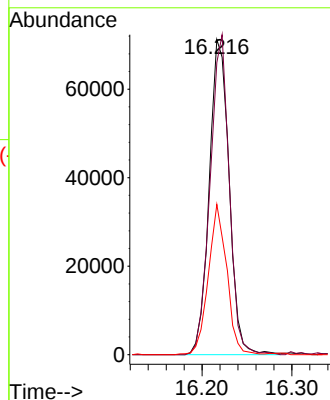
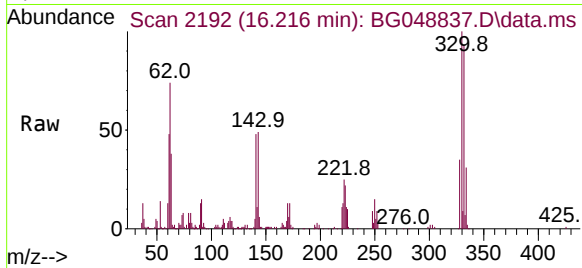




#42
2,4,6-Tribromophenol
Concen: 123.17 ng
RT: 16.216 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

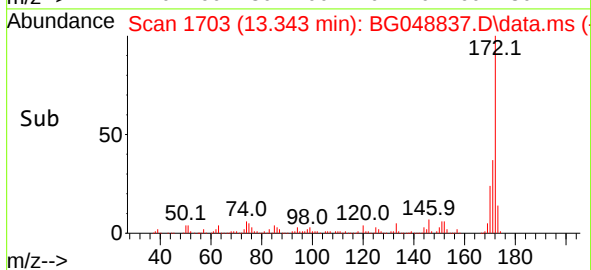
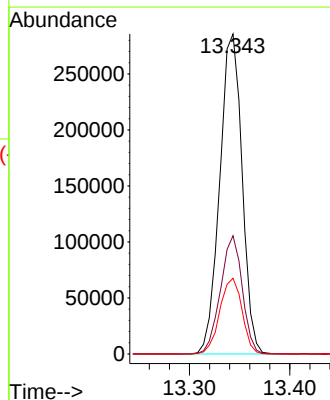
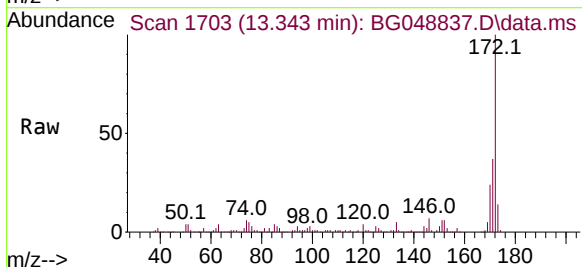
Instrument :
BNA_G
ClientSampleId :
124-GW-2

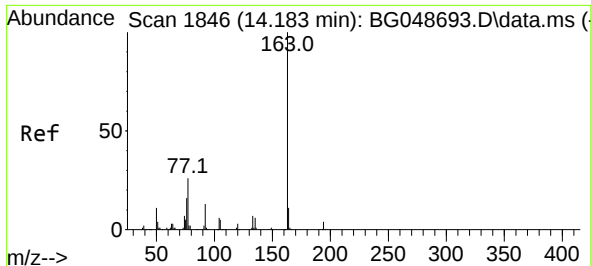
Tgt Ion:330 Resp: 109749
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 44.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 13.343 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:172 Resp: 440774
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.6 18.6 27.8

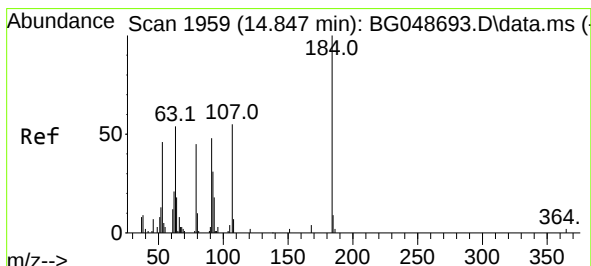
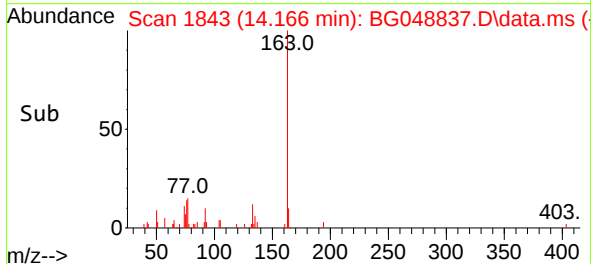
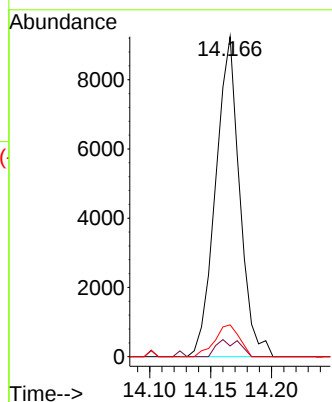
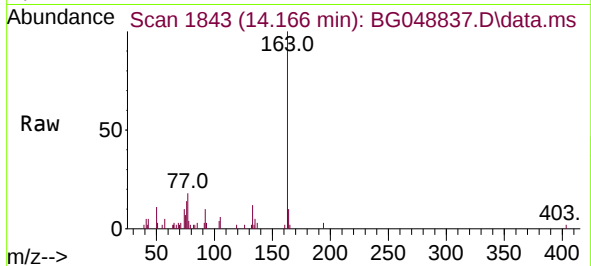




#50
Dimethylphthalate
Concen: 2.54 ng
RT: 14.166 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

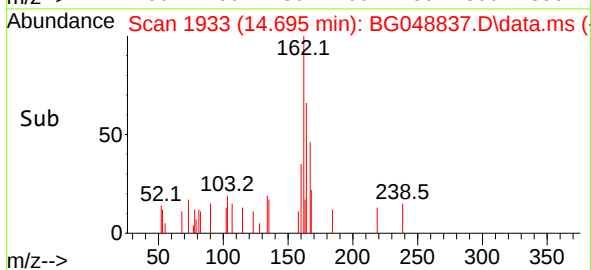
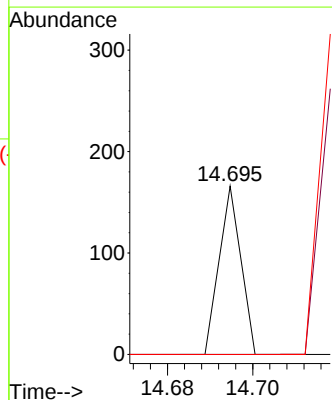
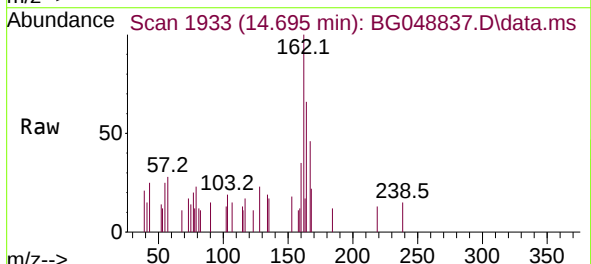
Instrument :
BNA_G
ClientSampleId :
124-GW-2

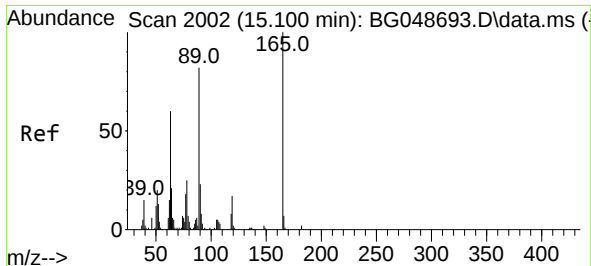
Tgt Ion:163 Resp: 12676
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 10.0 8.6 12.8



#54
2,4-Dinitrophenol
Concen: 5.36 ng
RT: 14.695 min Scan# 1933
Delta R.T. -0.141 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

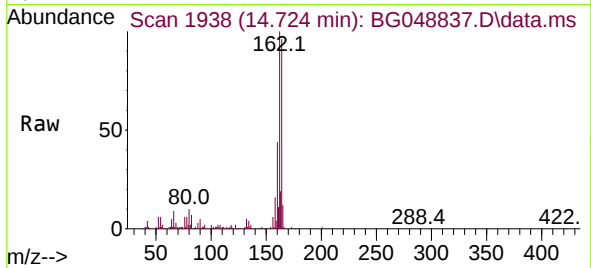
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



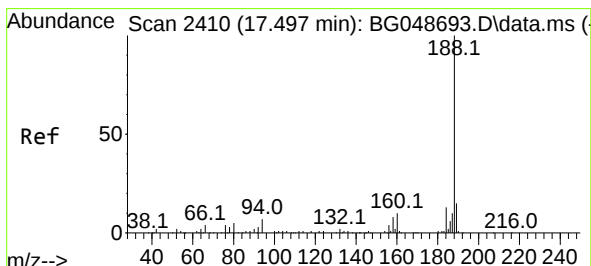
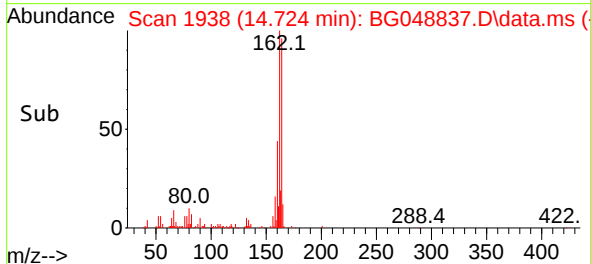
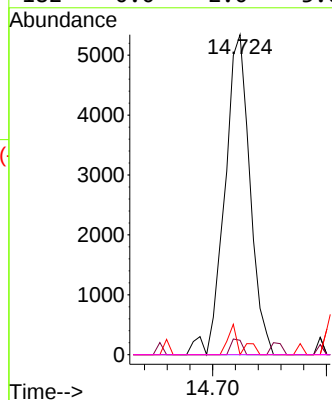


#57
2,4-Dinitrotoluene
Concen: 4.91 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Instrument :
BNA_G
ClientSampleId :
124-GW-2

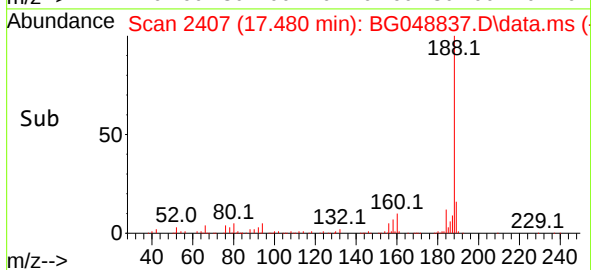
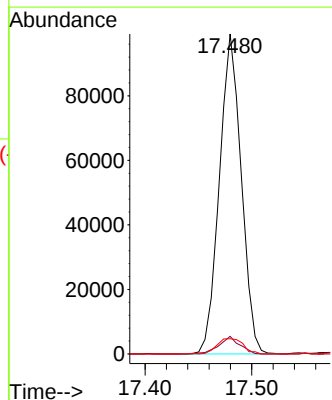
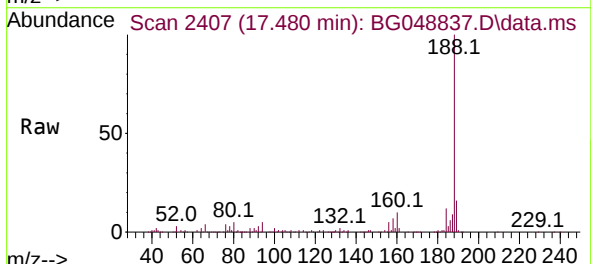


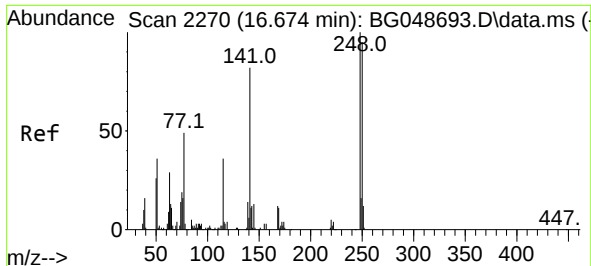
Tgt Ion:165 Resp: 8199
Ion Ratio Lower Upper
165 100
63 4.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:188 Resp: 141124
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 4.8 3.7 5.5

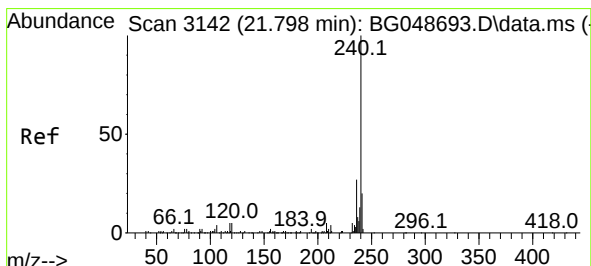
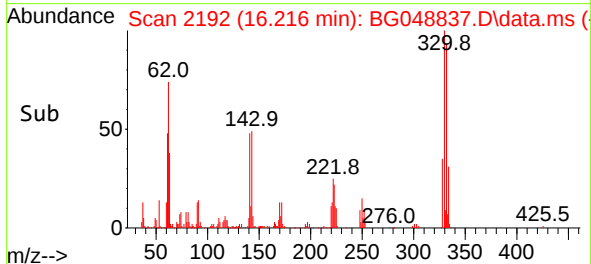
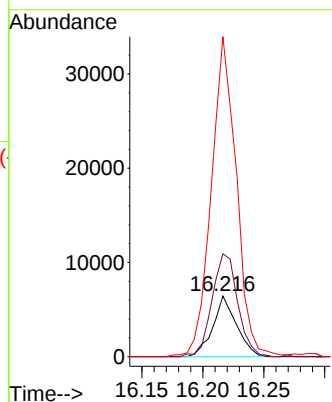
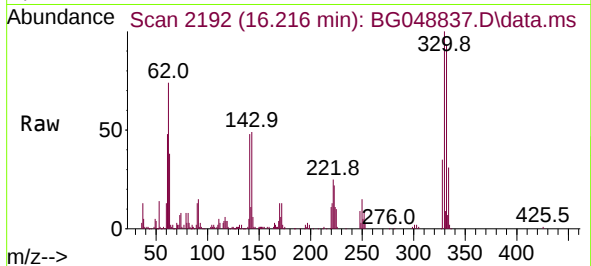




#67
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.447 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

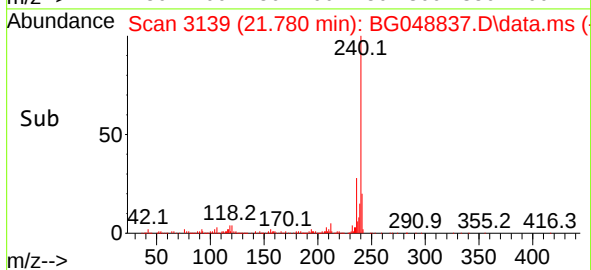
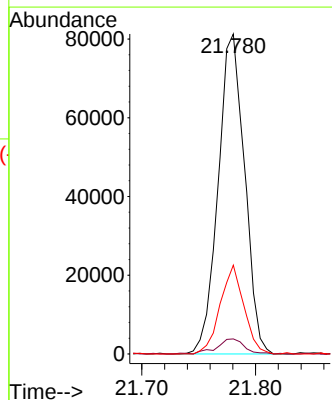
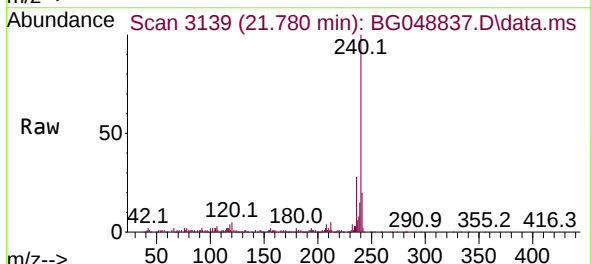
Instrument :
BNA_G
ClientSampleId :
124-GW-2

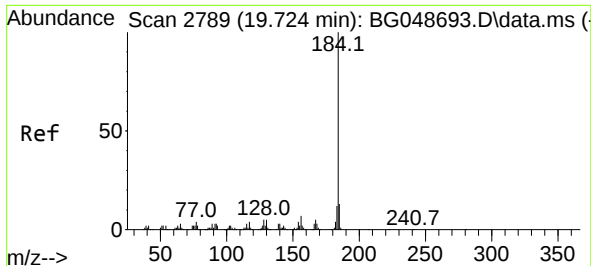
Tgt Ion:248 Resp: 8757
Ion Ratio Lower Upper
248 100
250 169.7 76.1 114.1#
141 527.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:240 Resp: 131235
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 27.7 21.8 32.6

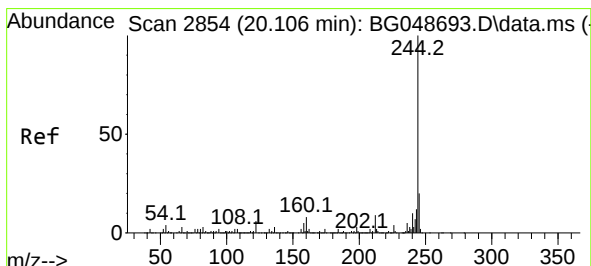
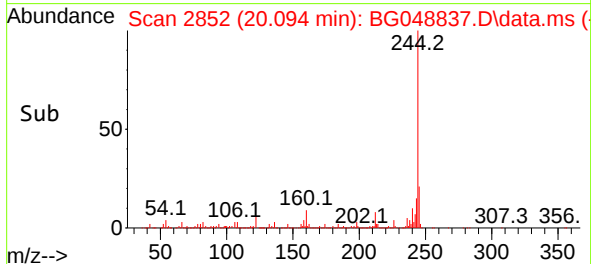
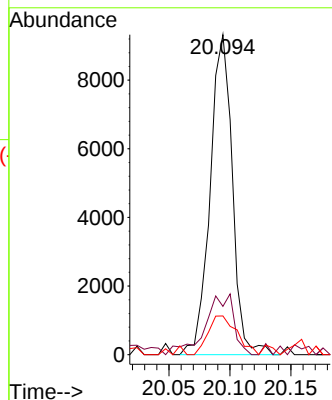
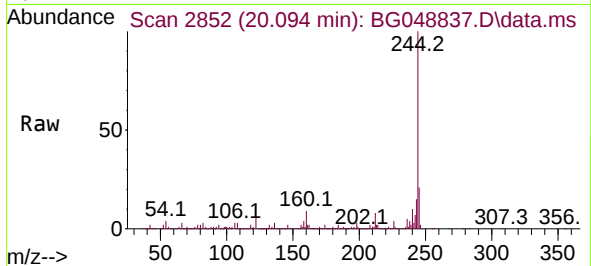




#77
Benzidine
Concen: 3.32 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

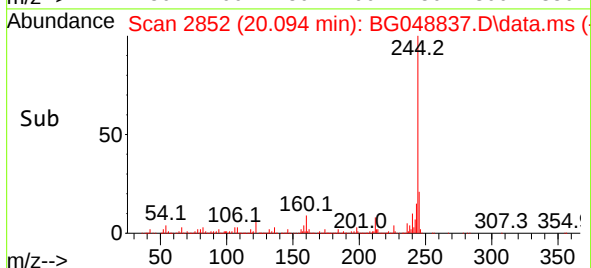
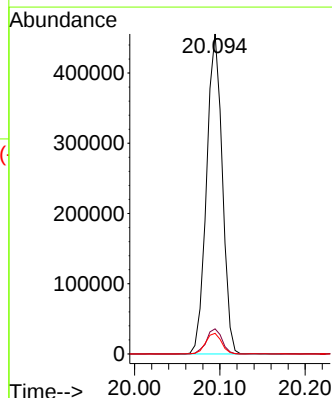
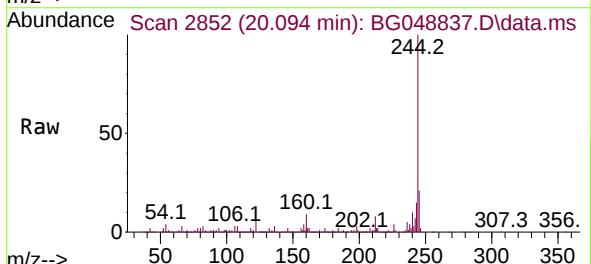
Instrument :
BNA_G
ClientSampleId :
124-GW-2

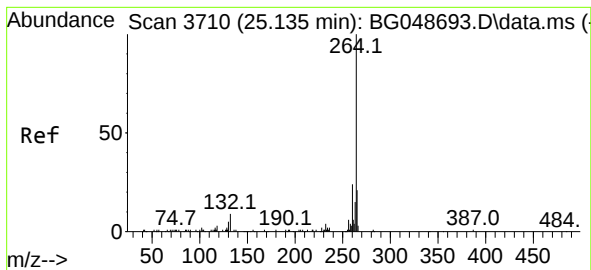
Tgt Ion:184 Resp: 11820
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 12.1 9.4 14.0



#79
Terphenyl-d14
Concen: 76.45 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:244 Resp: 582918
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: BG048837.D
 Acq: 22 Apr 2021 2:51

Instrument :
 BNA_G
 ClientSampleId :
 124-GW-2

Tgt Ion:264 Resp: 132542
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 19.7 16.9 25.3

