

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048852.D
 Acq On : 22 Apr 2021 18:24
 Operator : CG/JU
 Sample : M2020-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 105-SB-2(S)

Quant Time: Apr 23 01:21:11 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	8.068	152	22827	20.00	ng	# 0.00
21) Naphthalene-d8	10.895	136	85879	20.00	ng	# 0.00
39) Acenaphthene-d10	14.737	164	64514	20.00	ng	0.01
64) Phenanthrene-d10	17.493	188	115989	20.00	ng	# 0.01
76) Chrysene-d12	21.782	240	122469	20.00	ng	0.00
86) Perylene-d12	25.119	264	127652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.613	112	114721	84.05	ng	0.00
7) Phenol-d6	7.228	99	146806	76.04	ng	0.00
23) Nitrobenzene-d5	9.238	82	121972	63.59	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	54452	62.95	ng	0.02
45) 2-Fluorobiphenyl	13.351	172	220487	49.36	ng	0.00
79) Terphenyl-d14	20.101	244	337512	47.43	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.199	77	13197	10.32	ng	# 1
10) Phenol	7.252	94	4301	2.27	ng	# 69
18) Hexachloroethane	9.185	117	96352	144.59	ng	# 1
19) n-Nitroso-di-n-propyla...	8.826	70	11871	9.11	ng	# 40
22) Acetophenone	8.873	105	17340	7.76	ng	# 55
24) Nitrobenzene	9.261	77	20059	10.48	ng	# 28
25) Isophorone	9.802	82	29439	8.68	ng	# 1
26) 2-Nitrophenol	9.996	139	3971	4.80	ng	# 1
27) 2,4-Dimethylphenol	10.101	122	3708	2.91	ng	# 49
31) Naphthalene	10.953	128	396099	89.89	ng	# 90
33) 4-Chloroaniline	11.006	127	19173	10.46	ng	# 1
35) Caprolactam	11.811	113	8885	18.21	ng	# 1
37) 2-Methylnaphthalene	12.569	142	964782	273.97	ng	99
38) 1-Methylnaphthalene	12.569	142	964782	294.47	ng	98
46) 1,1'-Biphenyl	13.562	154	13657	2.87	ng	71
48) 2-Nitroaniline	13.821	65	4493	3.43	ng	# 48
49) Acenaphthylene	14.455	152	18720	3.30	ng	# 6
51) 2,6-Dinitrotoluene	13.973	165	4144	3.71	ng	89
52) Acenaphthene	14.802	154	47344	13.13	ng	# 75
53) 3-Nitroaniline	14.631	138	2219	2.07	ng	# 84
54) 2,4-Dinitrophenol	14.819	184	348	5.77	ng	# 1
55) Dibenzofuran	15.137	168	61882	10.37	ng	# 1
56) 4-Nitrophenol	14.949	139	55020	69.29	ng	# 19
57) 2,4-Dinitrotoluene	15.090	165	5047	3.11	ng	# 74
58) Fluorene	15.789	166	138320	28.21	ng	# 95
63) Azobenzene	16.053	77	12757	2.53	ng	# 1
66) n-Nitrosodiphenylamine	15.895	169	79052	24.11	ng	87
69) Atrazine	17.264	200	10277	7.54	ng	74
71) Phenanthrene	17.540	178	360653	59.91	ng	99
72) Anthracene	17.540	178	360653	60.54	ng	96
73) Carbazole	17.898	167	14703	2.58	ng	# 1
75) Fluoranthene	19.549	202	152841	20.08	ng	95
78) Pyrene	19.908	202	190284	22.46	ng	96
81) Benzo(a)anthracene	21.764	228	63433	7.58	ng	# 94
83) Chrysene	21.829	228	61278	7.69	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.921	276	38069	4.06	ng	95

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Misc :
ALS Vial : 15 Sample Multiplier: 1

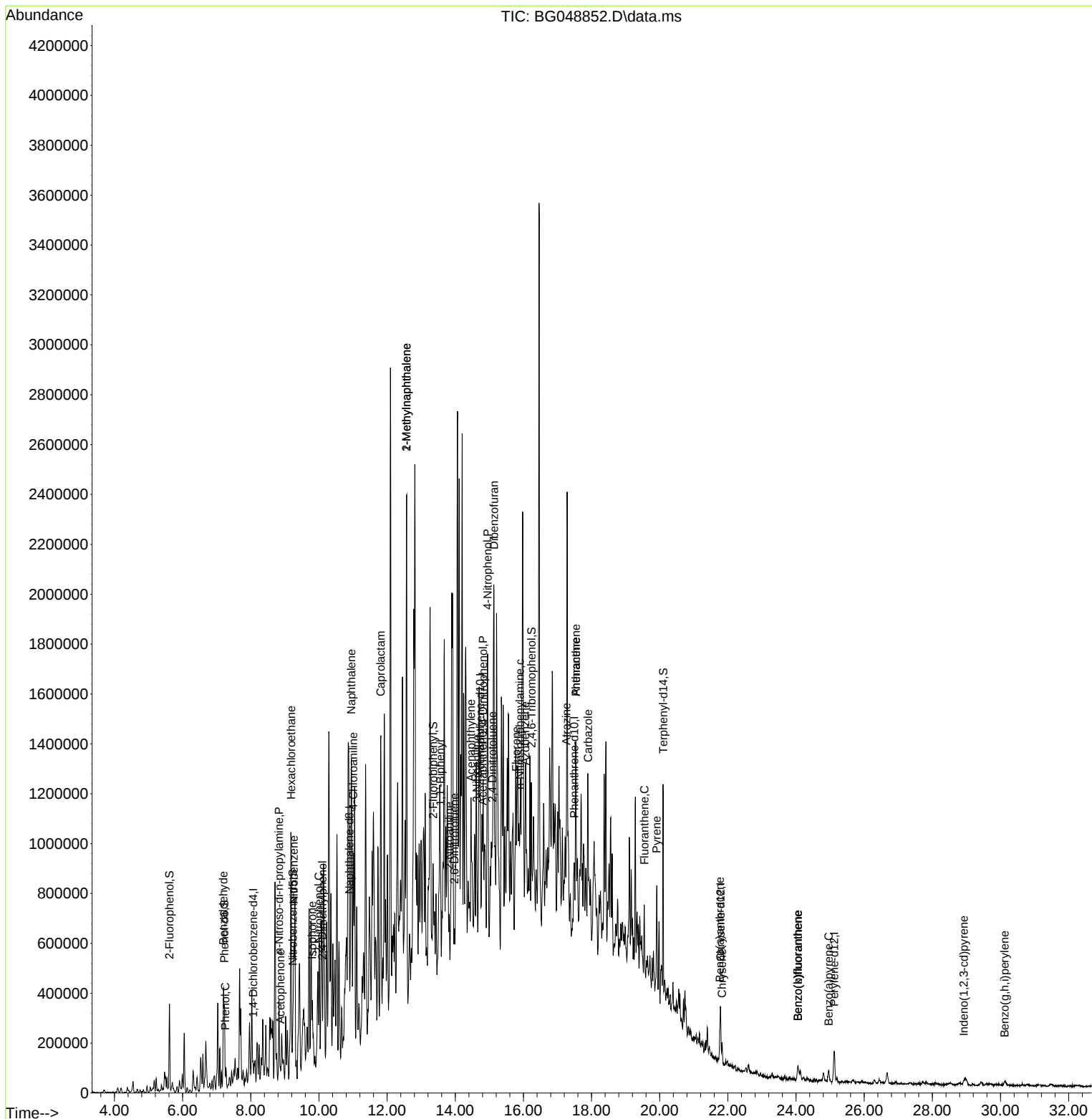
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

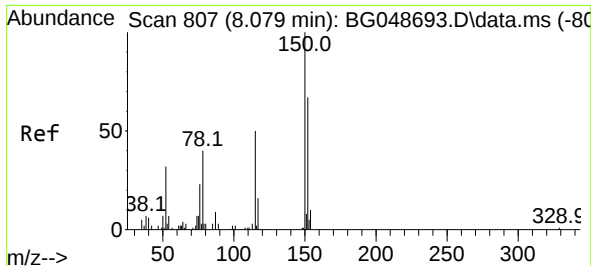
Quant Time: Apr 23 01:21:11 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	24.056	252	74911	8.65	ng	# 92
89) Benzo(k)fluoranthene	24.056	252	74911	9.20	ng	# 88
90) Benzo(a)pyrene	24.955	252	54480	6.83	ng	# 94
92) Benzo(g,h,i)perylene	30.119	276	34670	4.37	ng	# 96

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

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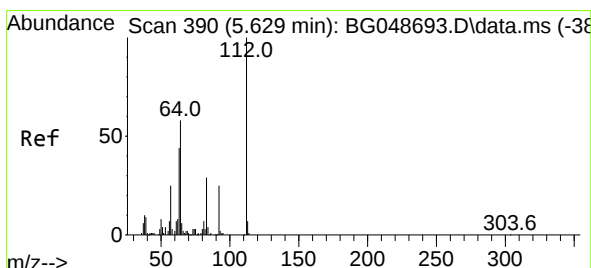
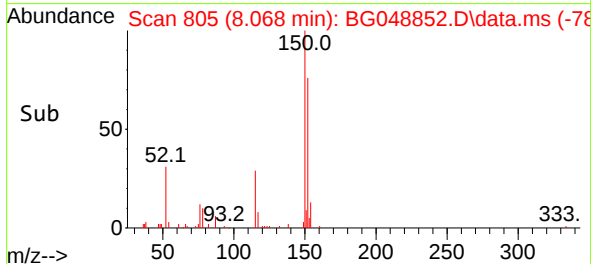
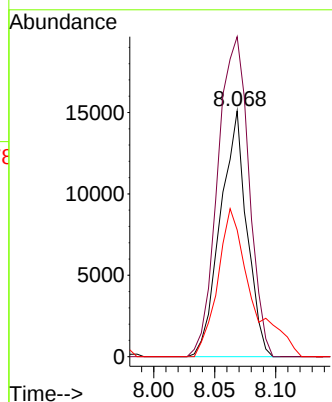
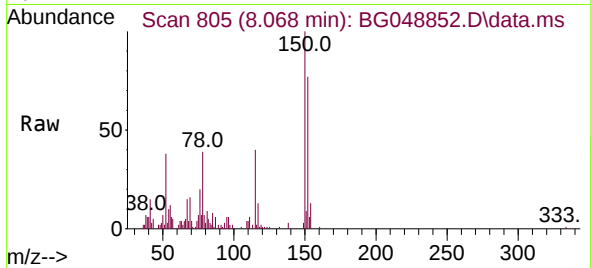




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.068 min Scan# 805
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

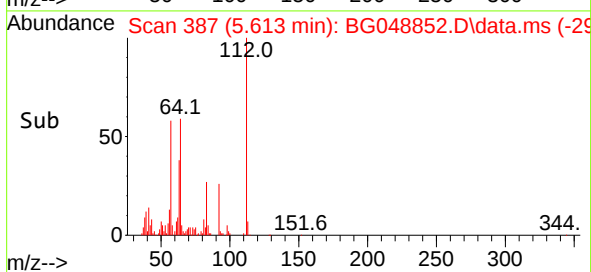
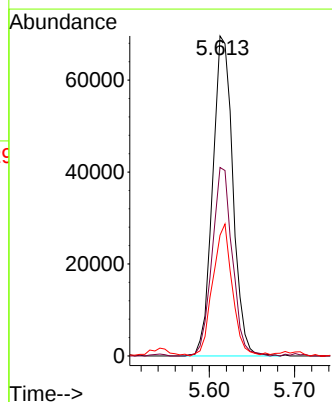
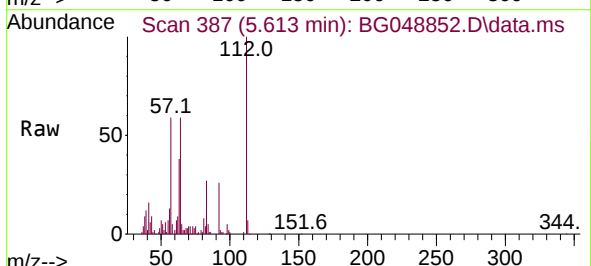
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

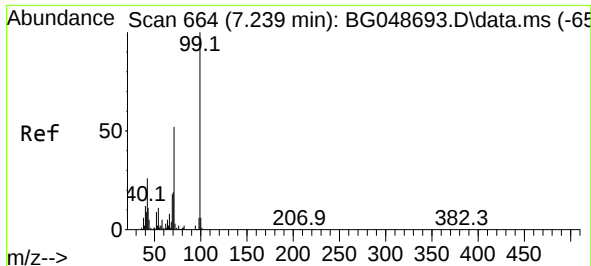
Tgt Ion:152 Resp: 22827
Ion Ratio Lower Upper
152 100
150 130.2 119.4 179.0
115 51.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 84.05 ng
RT: 5.613 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:112 Resp: 114721
Ion Ratio Lower Upper
112 100
64 58.9 46.7 70.1
63 37.8 35.3 52.9

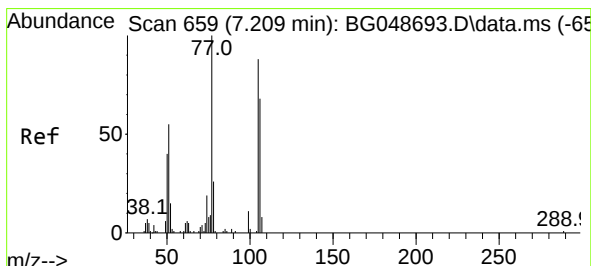
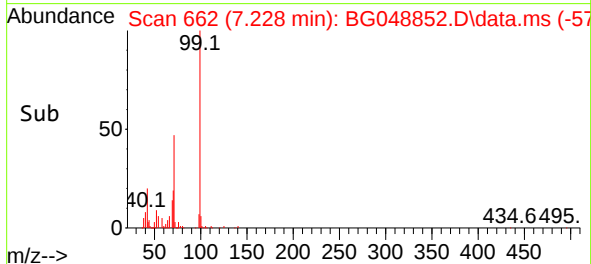
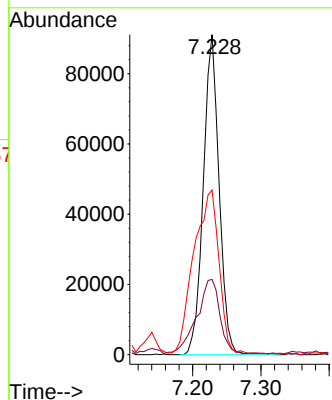
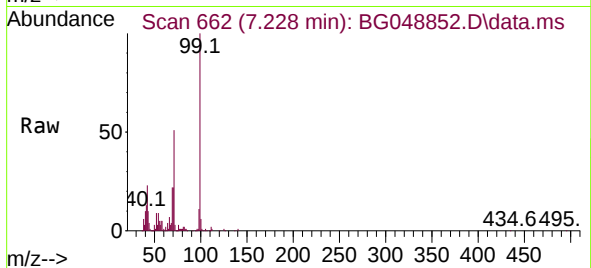




#7
Phenol-d6
Concen: 76.04 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

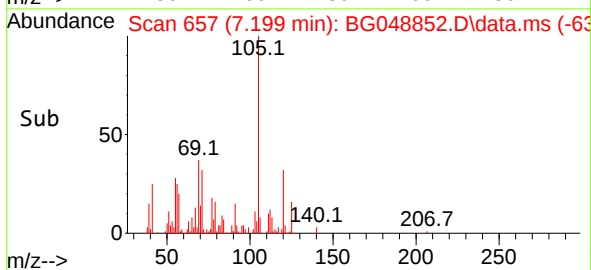
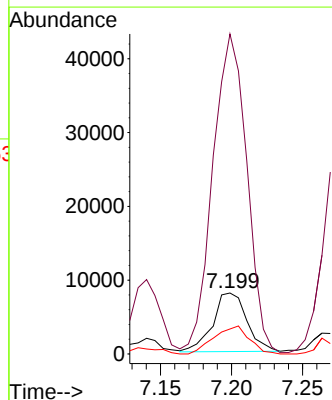
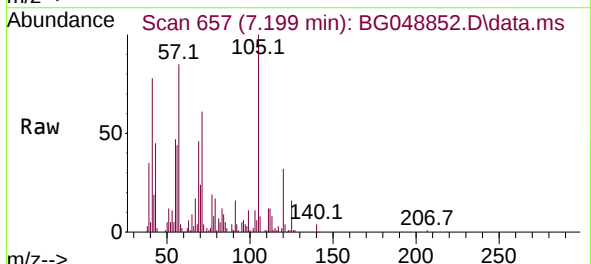
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

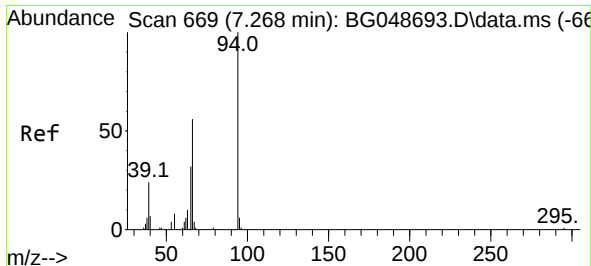
Tgt Ion: 99 Resp: 146806
Ion Ratio Lower Upper
99 100
42 23.5 20.5 30.7
71 51.5 41.5 62.3



#9
Benzaldehyde
Concen: 10.32 ng
RT: 7.199 min Scan# 657
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion: 77 Resp: 13197
Ion Ratio Lower Upper
77 100
105 525.3 68.8 108.8#
106 40.9 47.9 87.9#

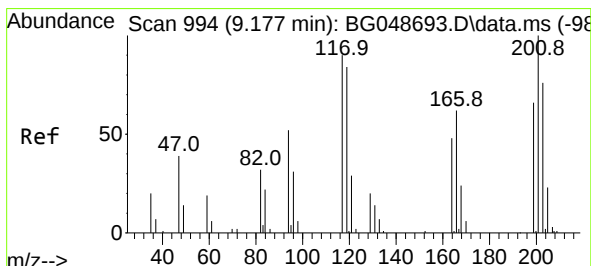
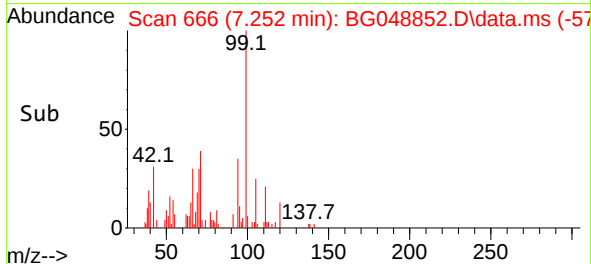
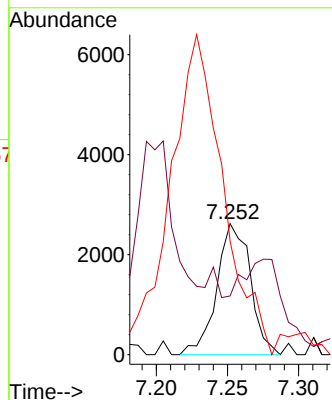
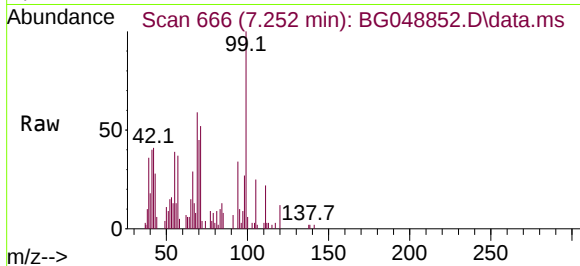




#10
Phenol
Concen: 2.27 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

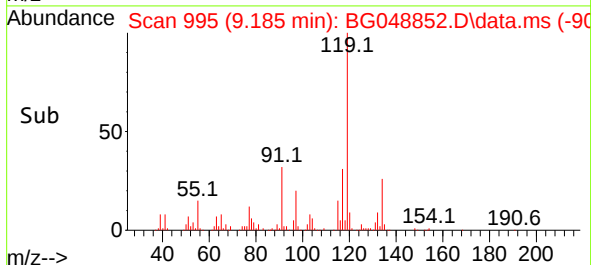
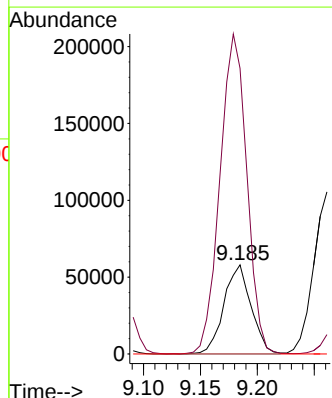
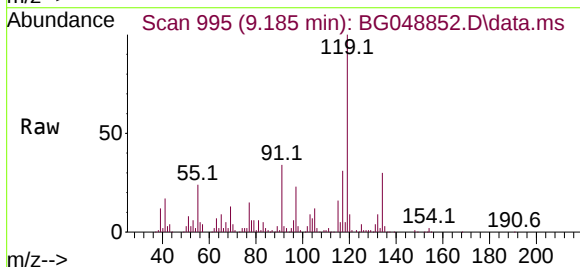
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

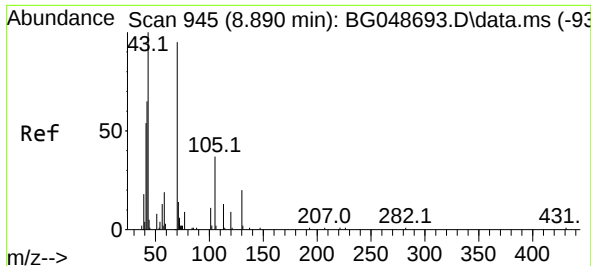
Tgt Ion: 94 Resp: 4301
Ion Ratio Lower Upper
94 100
65 44.8 12.9 52.9
66 86.6 39.4 79.4#



#18
Hexachloroethane
Concen: 144.59 ng
RT: 9.185 min Scan# 995
Delta R.T. 0.031 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion: 117 Resp: 96352
Ion Ratio Lower Upper
117 100
119 320.7 74.4 111.6#
201 0.0 88.6 133.0#



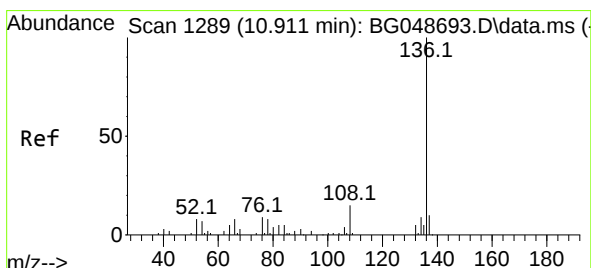
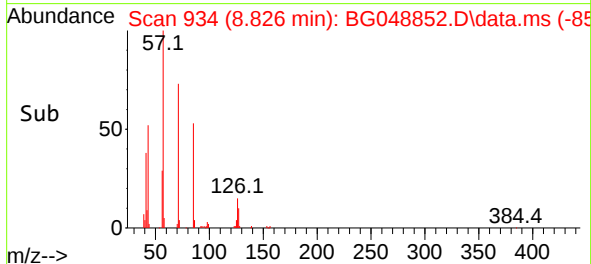
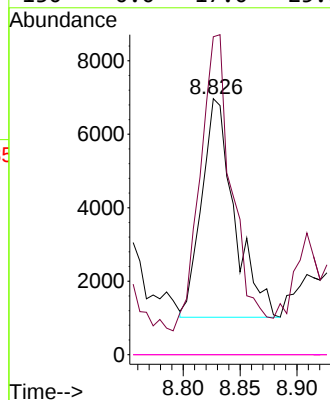
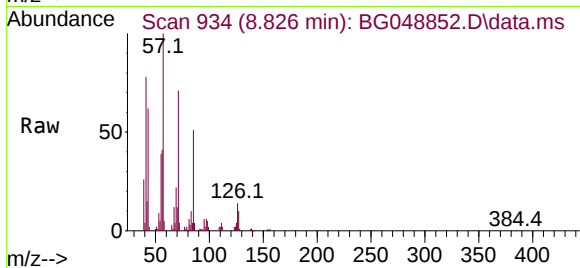


#19

n-Nitroso-di-n-propylamine
 Concen: 9.11 ng
 RT: 8.826 min Scan# 934
 Delta R.T. -0.046 min
 Lab File: BG048852.D
 Acq: 22 Apr 2021 18:24

Instrument :
 BNA_G
 ClientSampleId :
 105-SB-2(S)

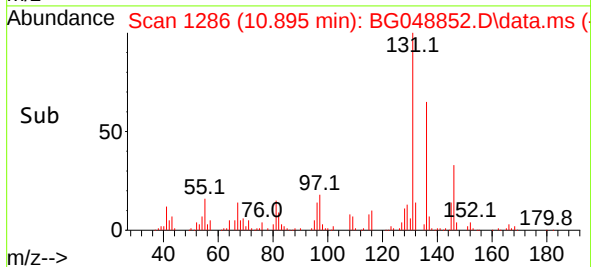
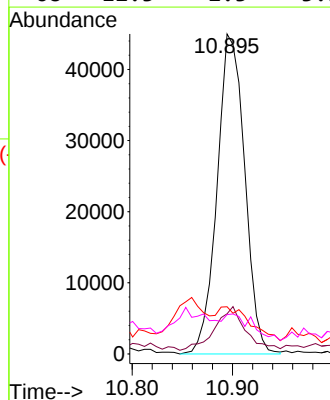
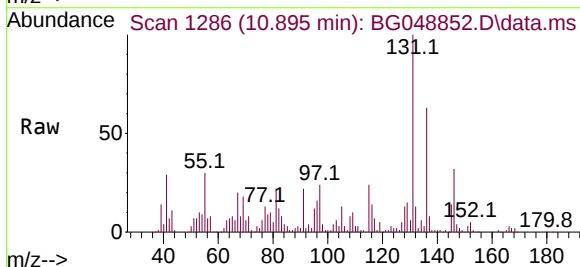
Tgt Ion:	70	Resp:	11871
Ion	Ratio	Lower	Upper
70	100		
42	124.2	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

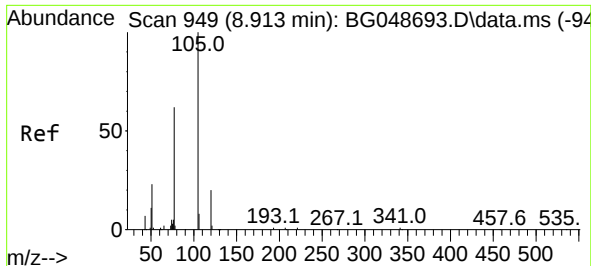


#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.895 min Scan# 1286
 Delta R.T. 0.001 min
 Lab File: BG048852.D
 Acq: 22 Apr 2021 18:24

Tgt Ion:	136	Resp:	85879
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.2	12.2#
54	14.8	5.5	8.3#
68	12.3	2.3	3.5#

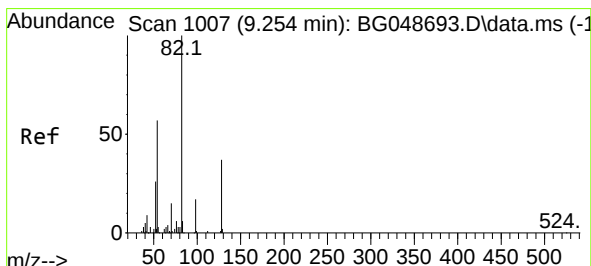
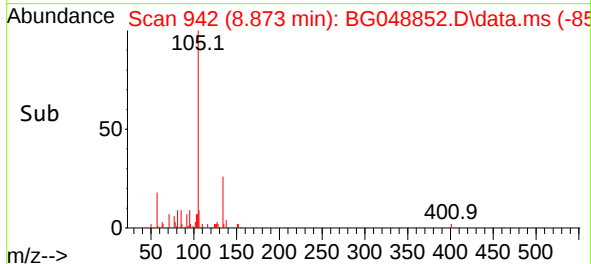
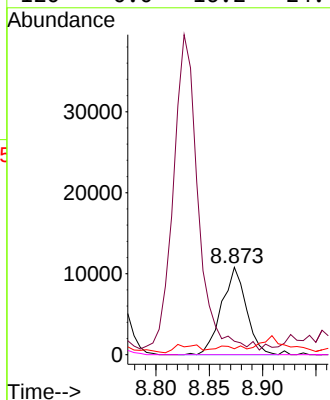
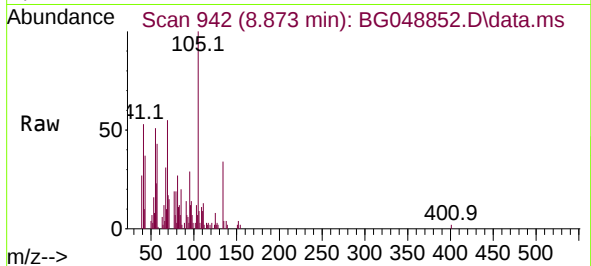




#22
Acetophenone
Concen: 7.76 ng
RT: 8.873 min Scan# 942
Delta R.T. -0.016 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

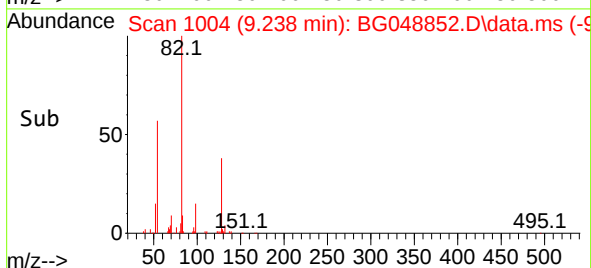
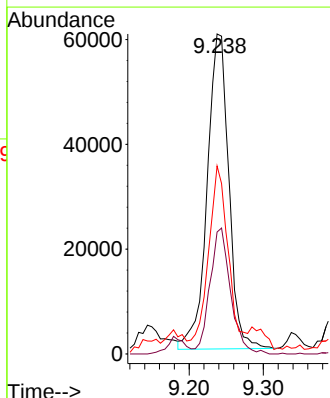
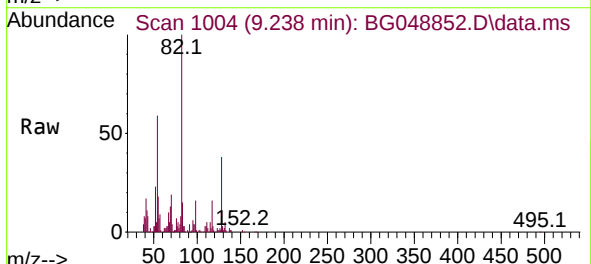
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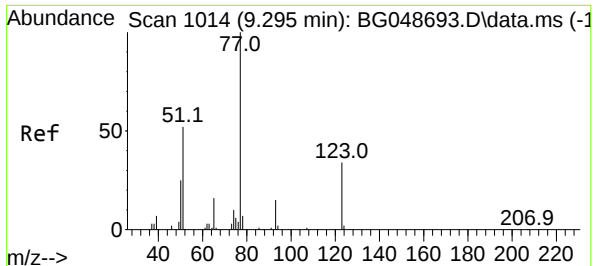
Tgt Ion:	105	Resp:	17340
Ion Ratio	Lower	Upper	
105	100		
71	15.4	0.6	0.8#
51	6.8	26.6	40.0#
120	0.0	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 63.59 ng
RT: 9.238 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:	82	Resp:	121972
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.8	44.6
54	58.7	45.8	68.8

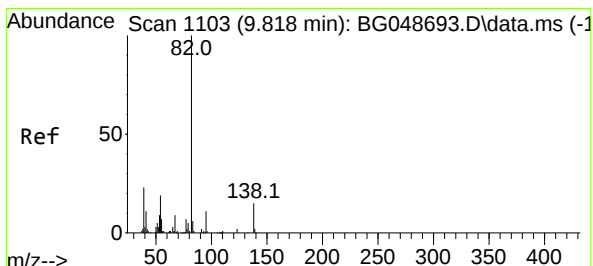
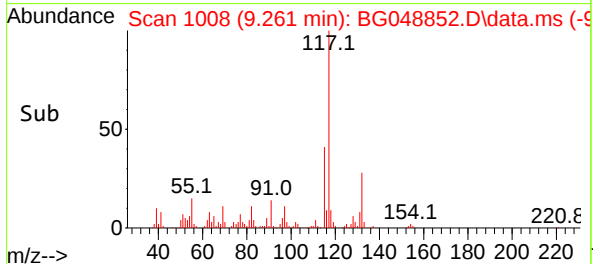
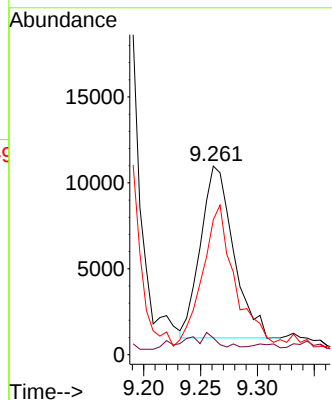
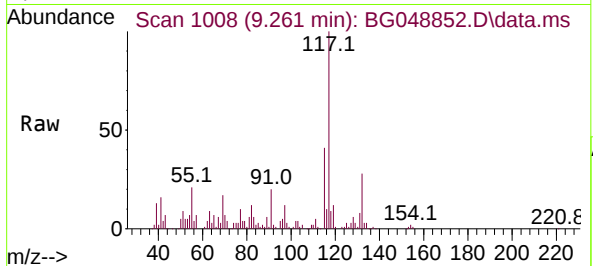




#24
Nitrobenzene
Concen: 10.48 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.016 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

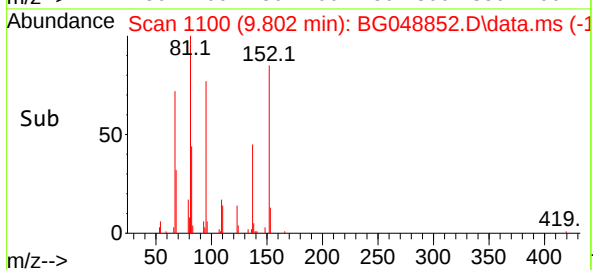
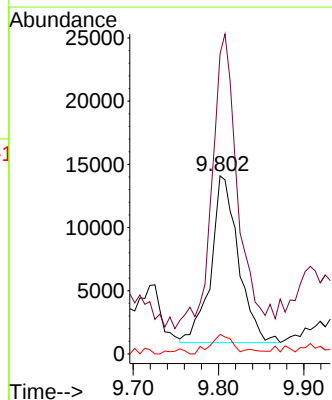
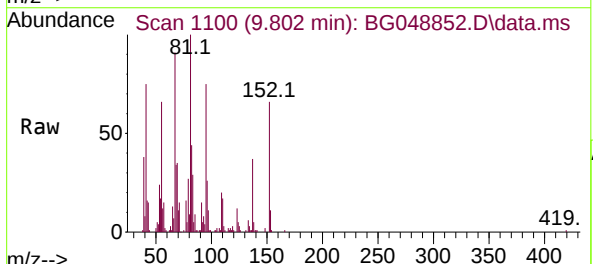
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105-SB-2(S)

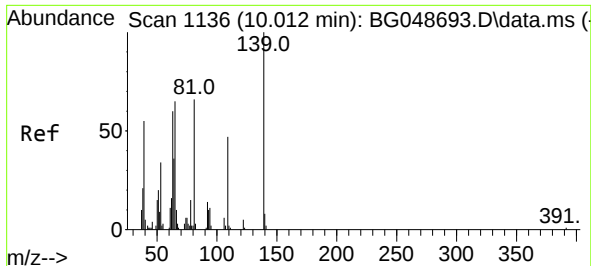
Tgt Ion: 77 Resp: 20059
Ion Ratio Lower Upper
77 100
123 8.9 27.5 41.3#
65 71.5 12.6 18.8#



#25
Isophorone
Concen: 8.68 ng
RT: 9.802 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion: 82 Resp: 29439
Ion Ratio Lower Upper
82 100
95 168.5 8.5 12.7#
138 11.0 11.8 17.6#

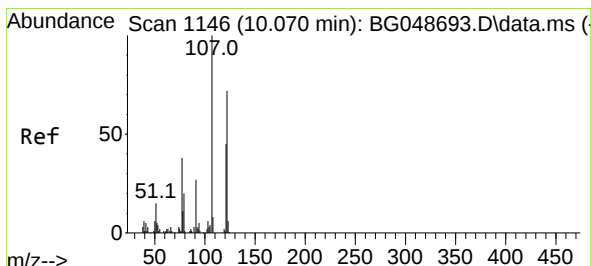
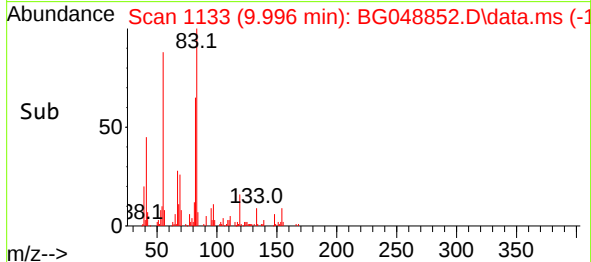
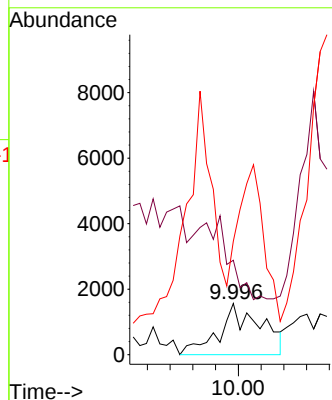
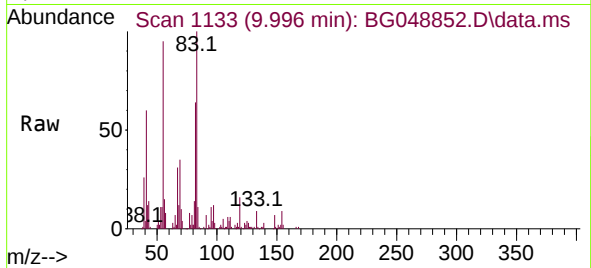




#26
2-Nitrophenol
Concen: 4.80 ng
RT: 9.996 min Scan# 1133
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

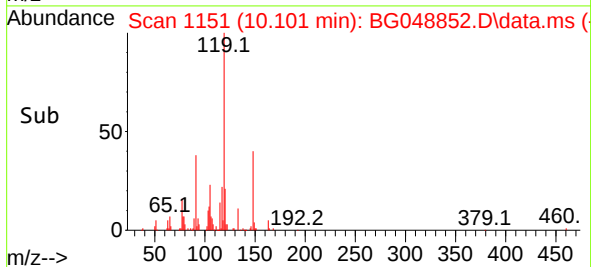
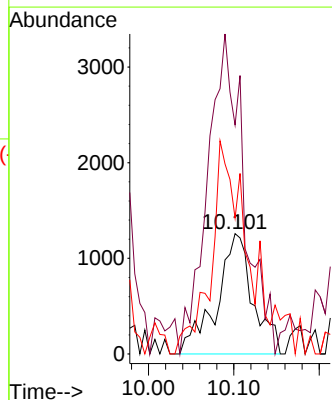
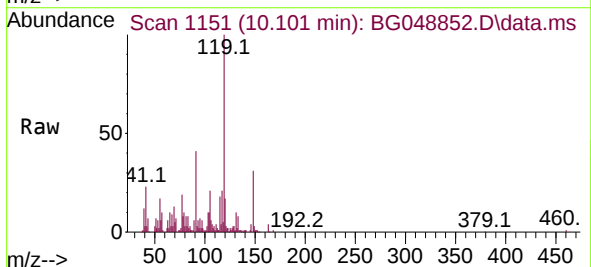
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

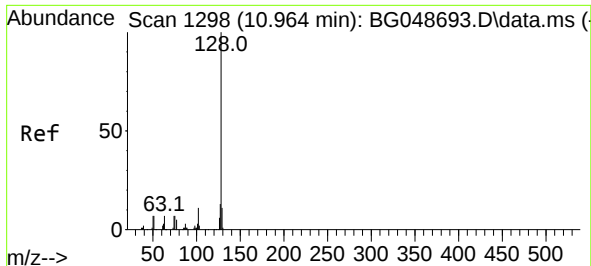
Tgt Ion:139 Resp: 3971
Ion Ratio Lower Upper
139 100
109 184.4 37.8 56.6#
65 221.6 51.8 77.8#



#27
2,4-Dimethylphenol
Concen: 2.91 ng
RT: 10.101 min Scan# 1151
Delta R.T. 0.048 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:122 Resp: 3708
Ion Ratio Lower Upper
122 100
107 190.3 110.1 165.1#
121 113.0 49.0 73.6#

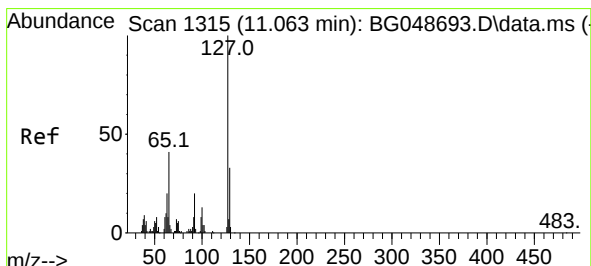
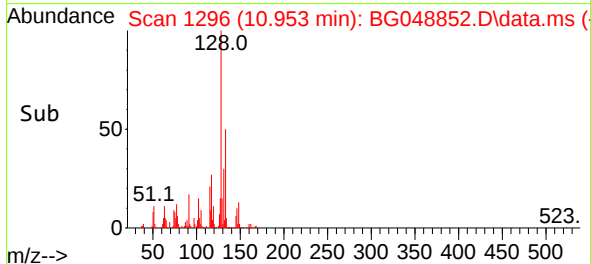
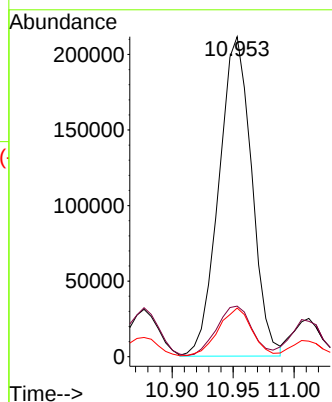
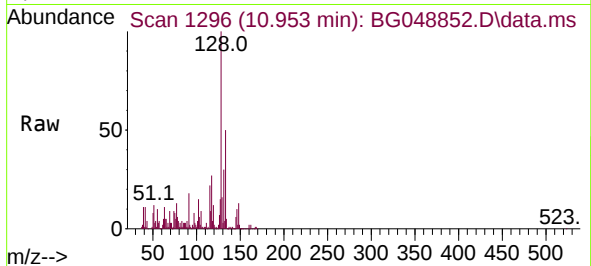




#31
Naphthalene
Concen: 89.89 ng
RT: 10.953 min Scan# 1296
Delta R.T. 0.013 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

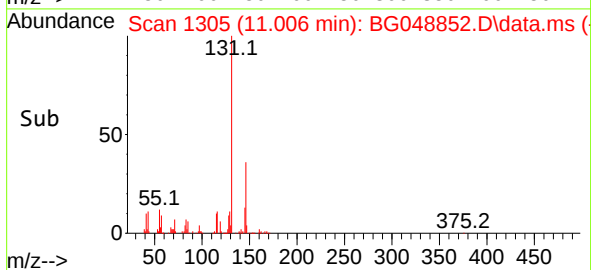
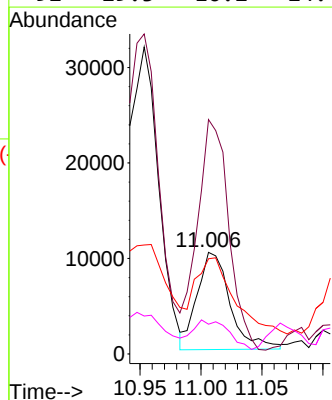
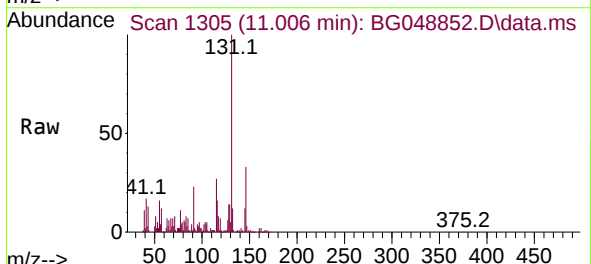
Instrument :
BNA_G
ClientSampled :
105-SB-2(S)

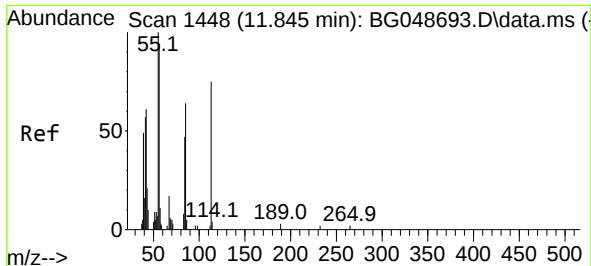
Tgt Ion:128 Resp: 396099
Ion Ratio Lower Upper
128 100
129 15.8 8.5 12.7#
127 15.2 10.2 15.4



#33
4-Chloroaniline
Concen: 10.46 ng
RT: 11.006 min Scan# 1305
Delta R.T. -0.040 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:127 Resp: 19173
Ion Ratio Lower Upper
127 100
129 230.5 26.7 40.1#
65 93.7 32.8 49.2#
92 29.3 16.2 24.4#

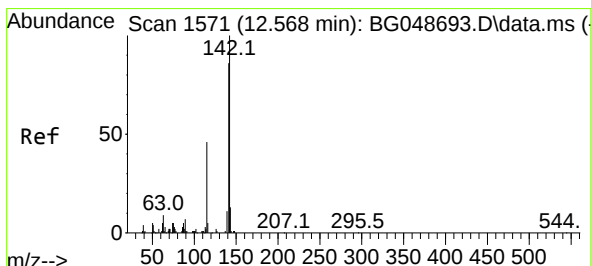
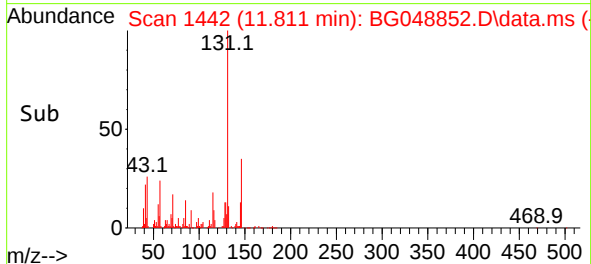
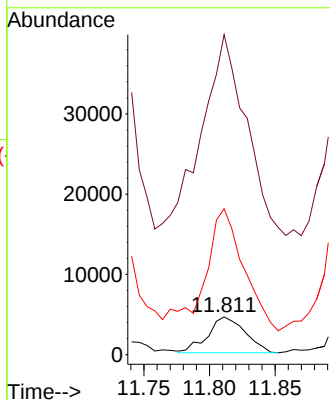
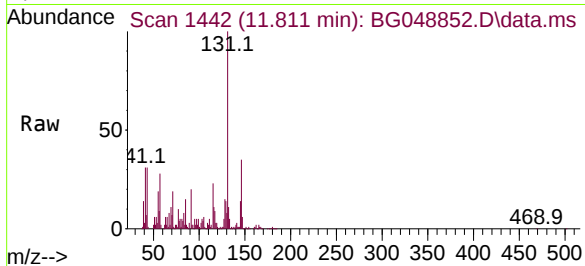




#35
Caprolactam
Concen: 18.21 ng
RT: 11.811 min Scan# 1442
Delta R.T. -0.016 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

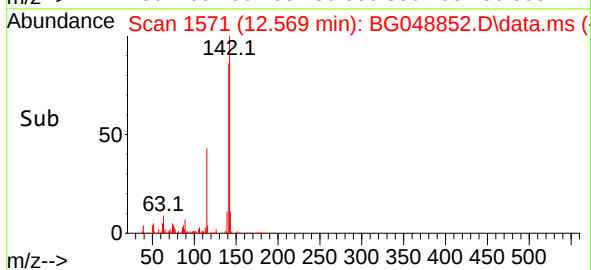
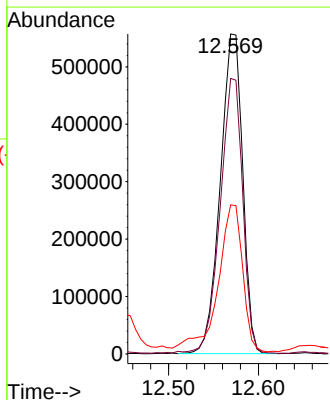
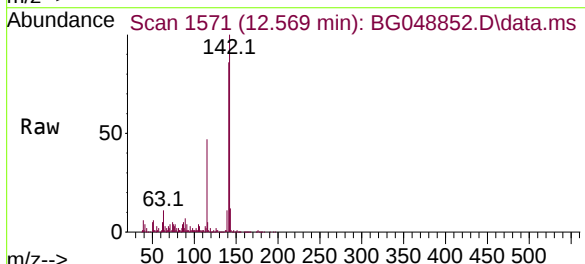
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

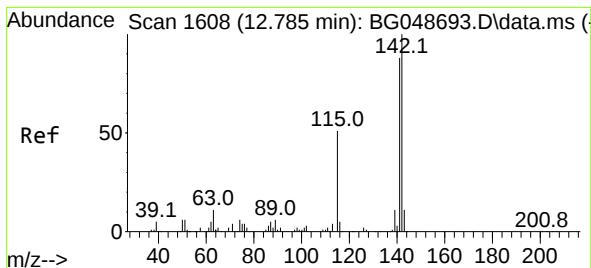
Tgt Ion:113 Resp: 8885
Ion Ratio Lower Upper
113 100
55 848.0 113.8 153.8#
56 386.6 105.6 145.6#



#37
2-Methylnaphthalene
Concen: 273.97 ng
RT: 12.569 min Scan# 1571
Delta R.T. 0.019 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:142 Resp: 964782
Ion Ratio Lower Upper
142 100
141 86.1 68.8 103.2
115 46.6 36.4 54.6

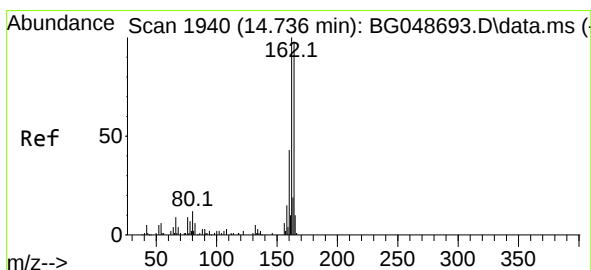
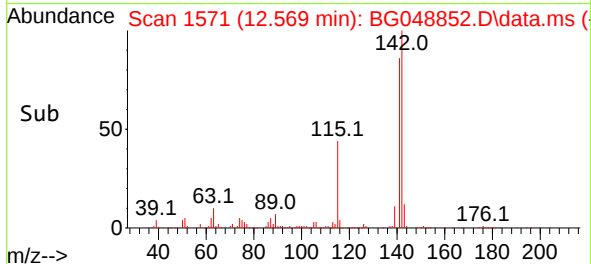
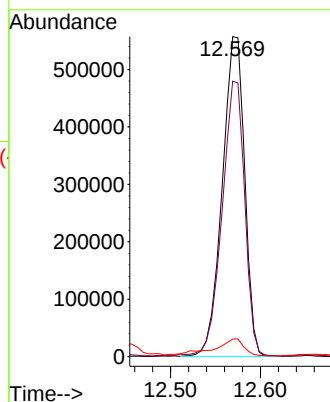
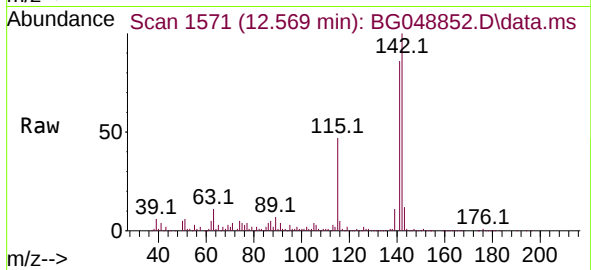




#38
1-Methylnaphthalene
Concen: 294.47 ng
RT: 12.569 min Scan# 1571
Delta R.T. -0.198 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

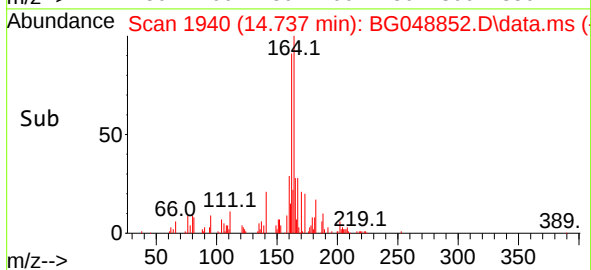
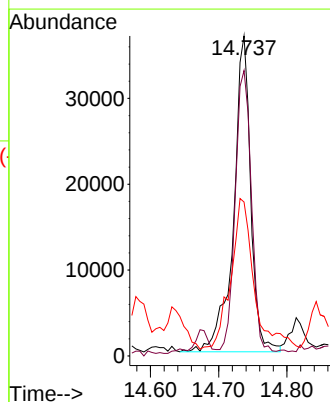
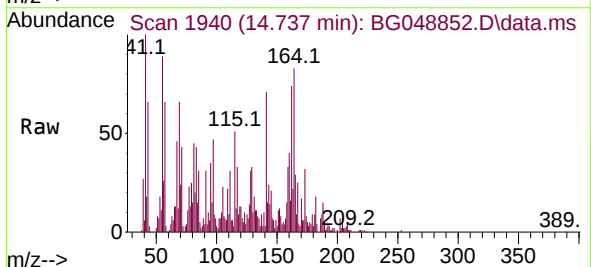
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

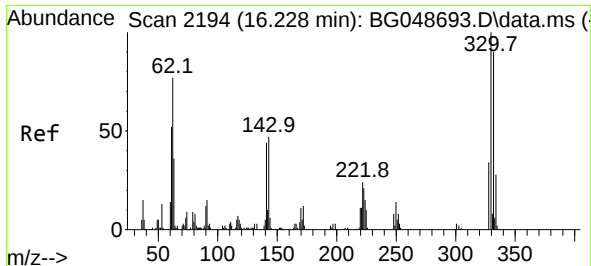
Tgt Ion:142 Resp: 964782
Ion Ratio Lower Upper
142 100
141 86.1 70.6 106.0
116 5.5 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.013 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:164 Resp: 64514
Ion Ratio Lower Upper
164 100
162 89.2 81.4 122.0
160 48.1 34.9 52.3

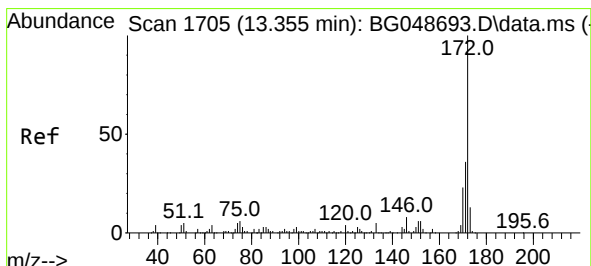
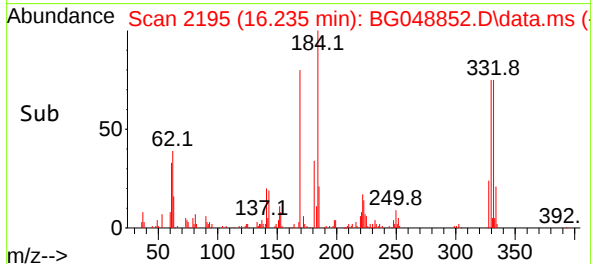
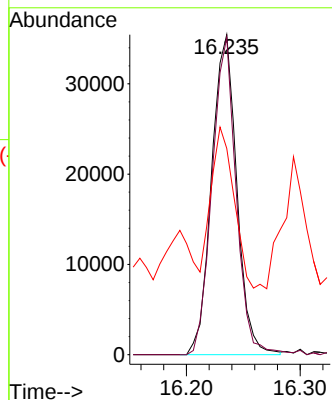
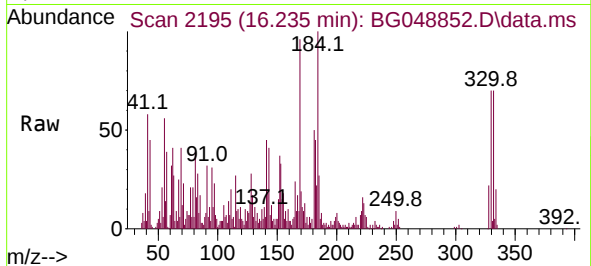




#42
2,4,6-Tribromophenol
Concen: 62.95 ng
RT: 16.235 min Scan# 2195
Delta R.T. 0.019 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

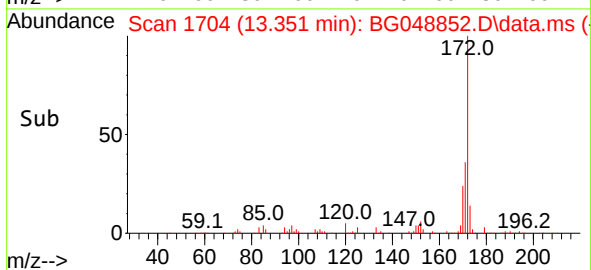
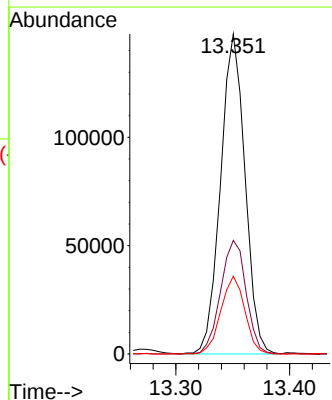
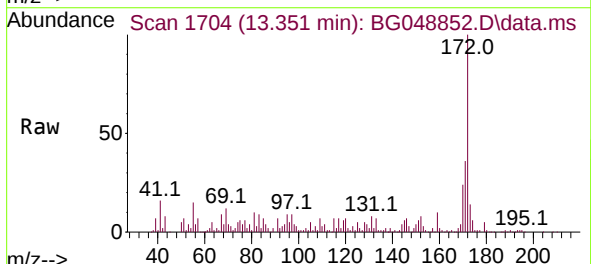
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

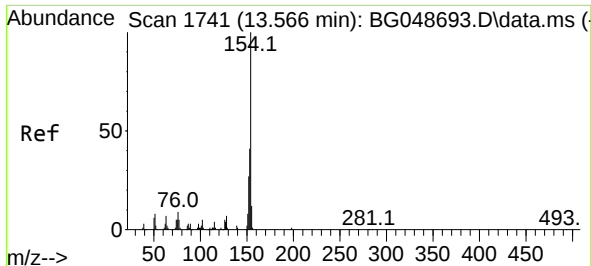
Tgt Ion:330 Resp: 54452
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 45.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 49.36 ng
RT: 13.351 min Scan# 1704
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

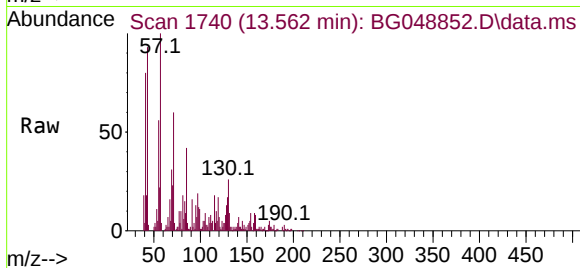
Tgt Ion:172 Resp: 220487
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.3 18.6 27.8



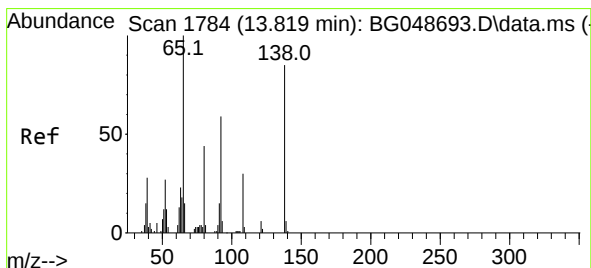
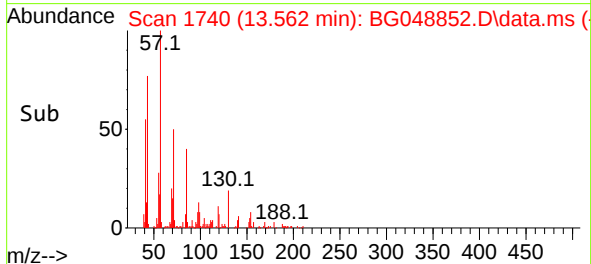
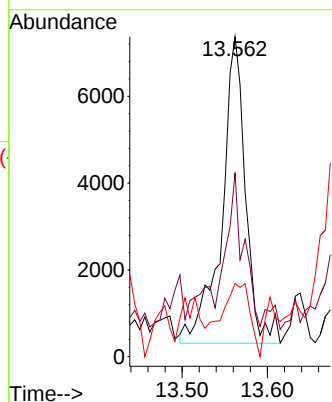


#46
1,1'-Biphenyl
Concen: 2.87 ng
RT: 13.562 min Scan# 1740
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

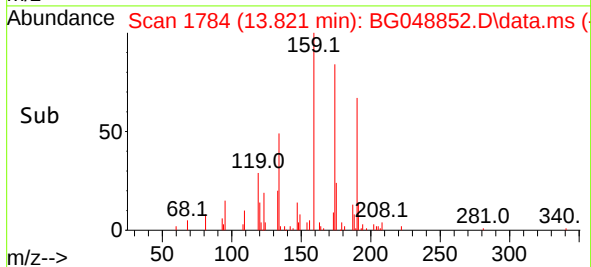
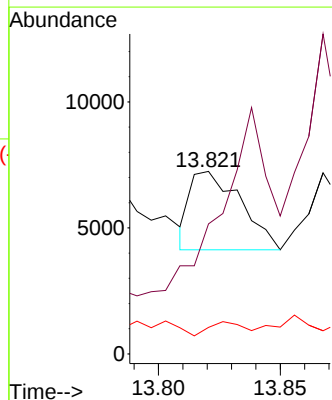
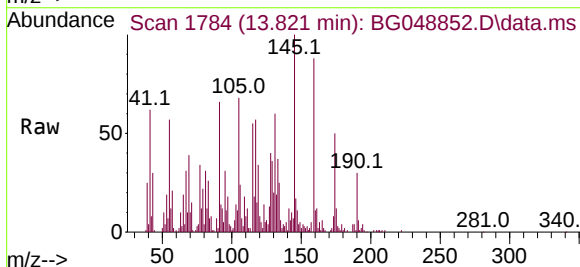


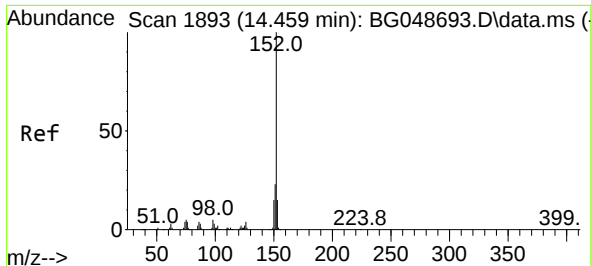
Tgt Ion:154 Resp: 13657
Ion Ratio Lower Upper
154 100
153 57.5 20.5 60.5
76 22.9 0.0 29.3



#48
2-Nitroaniline
Concen: 3.43 ng
RT: 13.821 min Scan# 1784
Delta R.T. 0.019 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion: 65 Resp: 4493
Ion Ratio Lower Upper
65 100
92 71.2 47.2 70.8#
138 14.5 68.0 102.0#

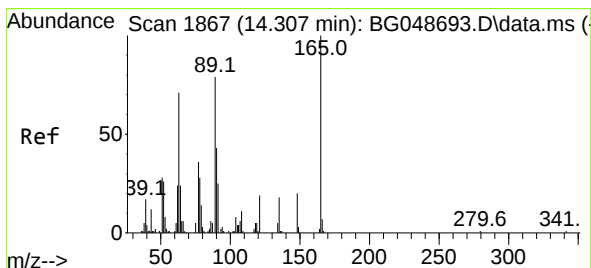
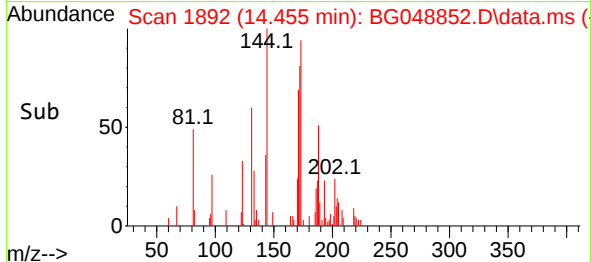
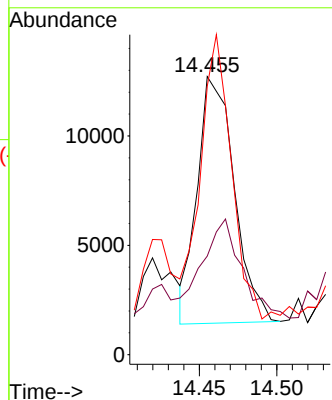
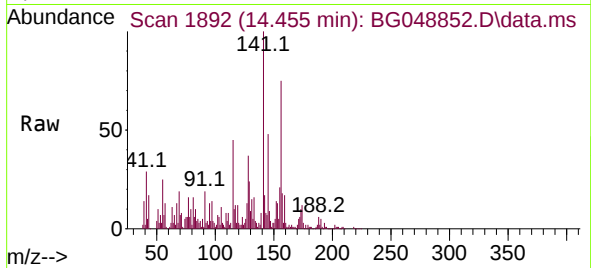




#49
Acenaphthylene
Concen: 3.30 ng
RT: 14.455 min Scan# 1892
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

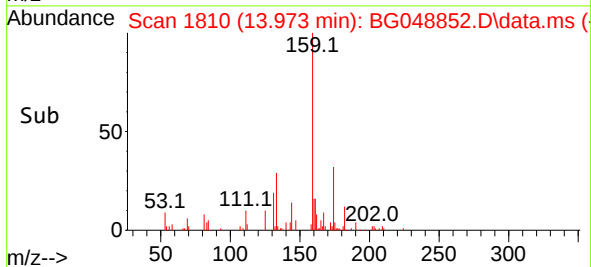
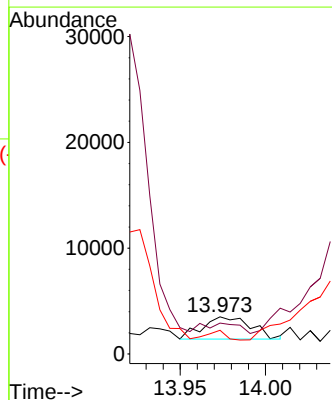
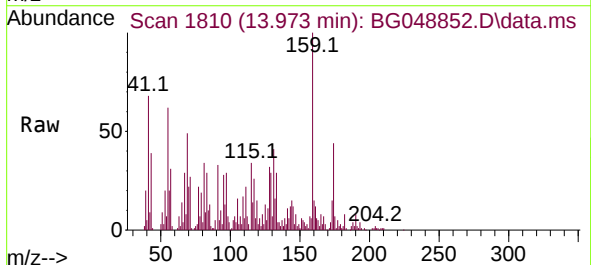
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

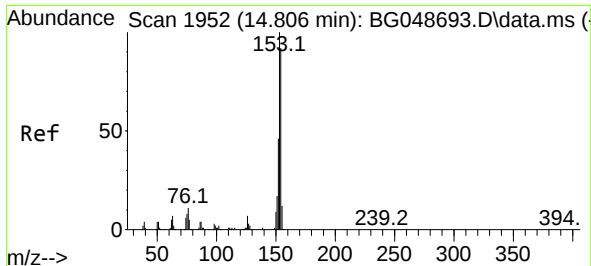
Tgt Ion:152 Resp: 18720
Ion Ratio Lower Upper
152 100
151 35.4 18.2 27.4#
153 96.5 11.7 17.5#



#51
2,6-Dinitrotoluene
Concen: 3.71 ng
RT: 13.973 min Scan# 1810
Delta R.T. -0.322 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:165 Resp: 4144
Ion Ratio Lower Upper
165 100
63 83.2 63.3 94.9
89 63.8 63.4 95.0

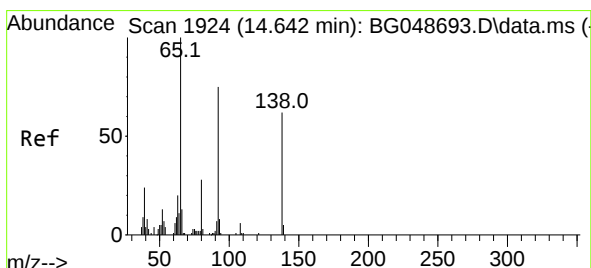
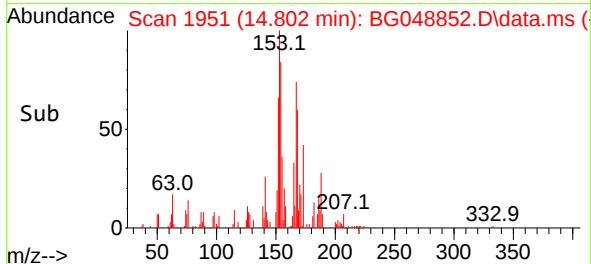
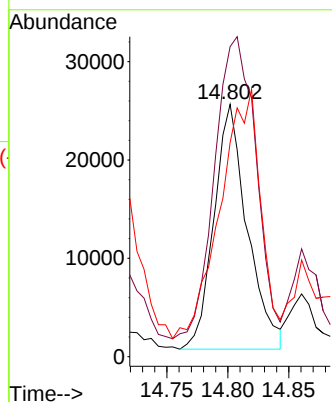
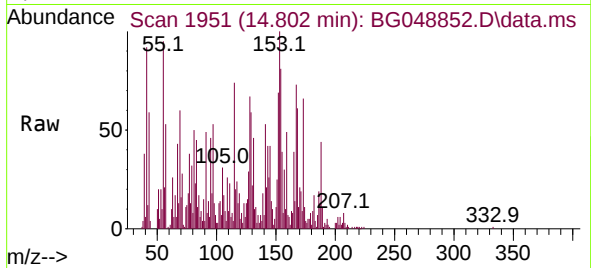




#52
Acenaphthene
Concen: 13.13 ng
RT: 14.802 min Scan# 1951
Delta R.T. 0.013 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

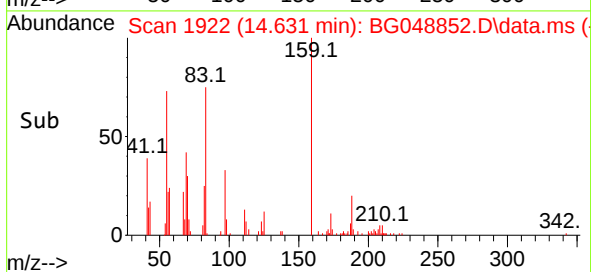
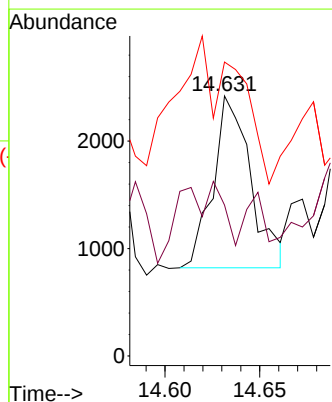
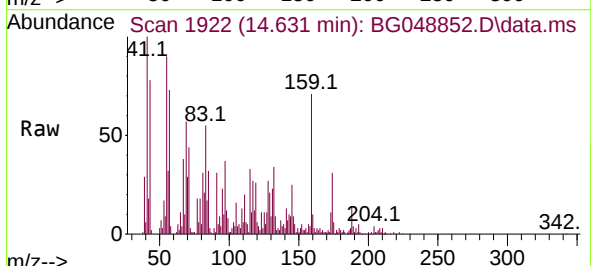
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

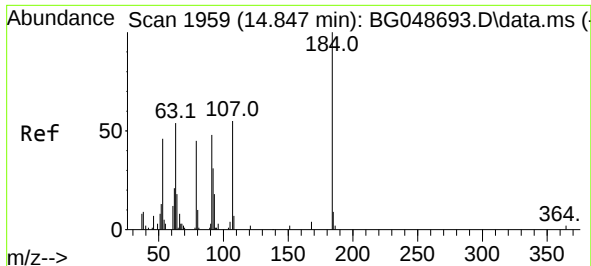
Tgt Ion:154 Resp: 47344
Ion Ratio Lower Upper
154 100
153 122.9 87.0 130.4
152 84.8 40.1 60.1#



#53
3-Nitroaniline
Concen: 2.07 ng
RT: 14.631 min Scan# 1922
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:138 Resp: 2219
Ion Ratio Lower Upper
138 100
108 58.1 8.3 12.5#
92 113.1 96.4 144.6

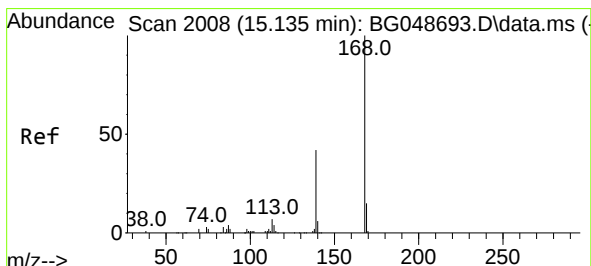
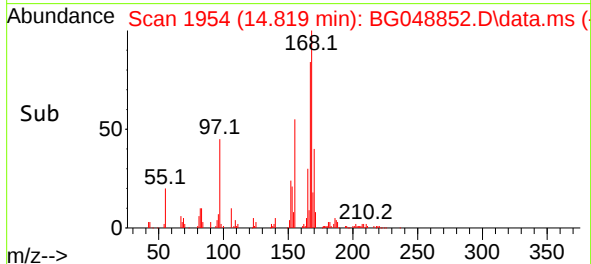
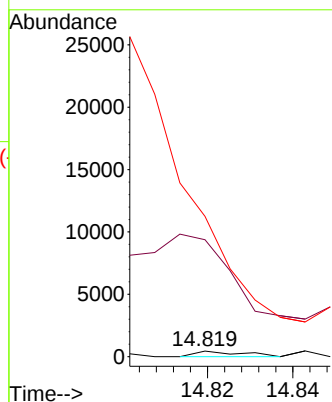
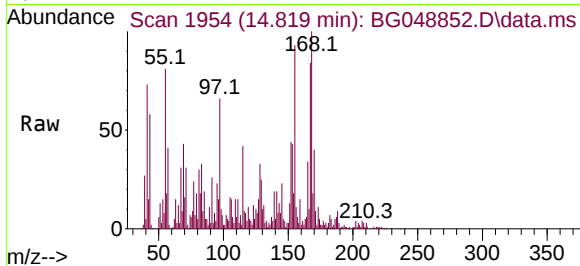




#54
2,4-Dinitrophenol
Concen: 5.77 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.016 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

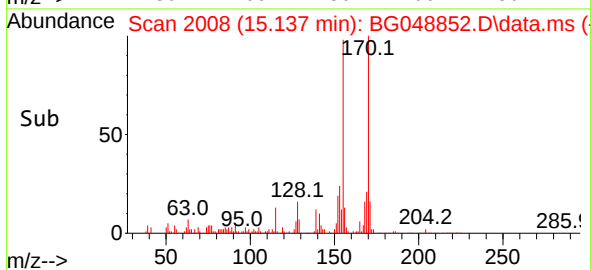
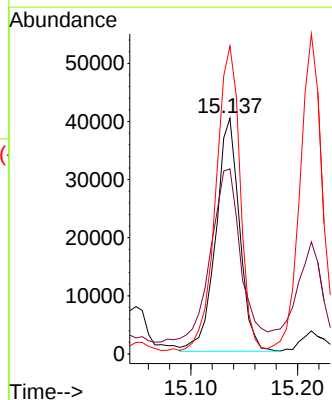
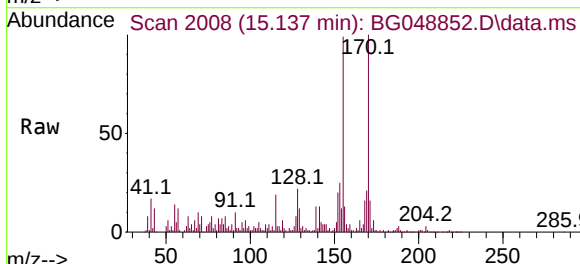
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

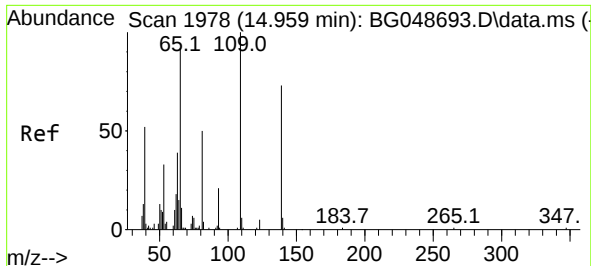
Tgt Ion:184 Resp: 348
Ion Ratio Lower Upper
184 100
63 2061.8 68.3 102.5#
154 2473.8 62.6 93.8#



#55
Dibenzofuran
Concen: 10.37 ng
RT: 15.137 min Scan# 2008
Delta R.T. 0.013 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

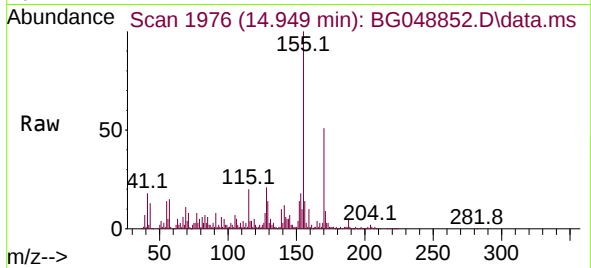
Tgt Ion:168 Resp: 61882
Ion Ratio Lower Upper
168 100
139 78.6 33.4 50.2#
169 130.7 12.3 18.5#



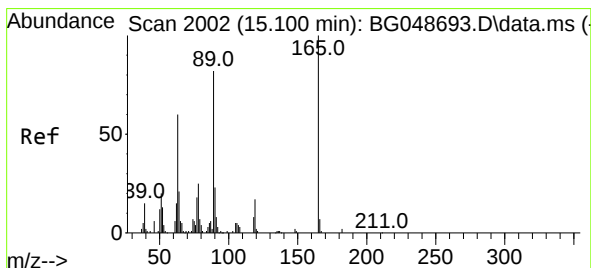
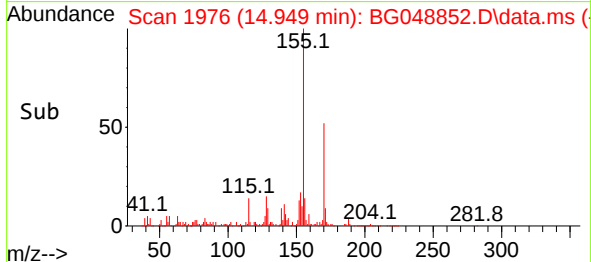
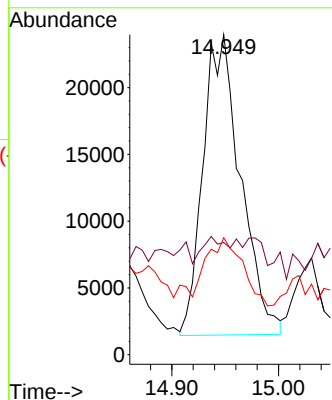


#56
4-Nitrophenol
Concen: 69.29 ng
RT: 14.949 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

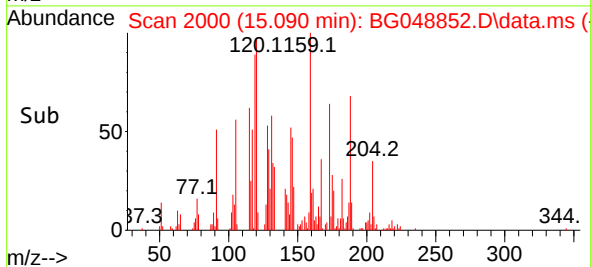
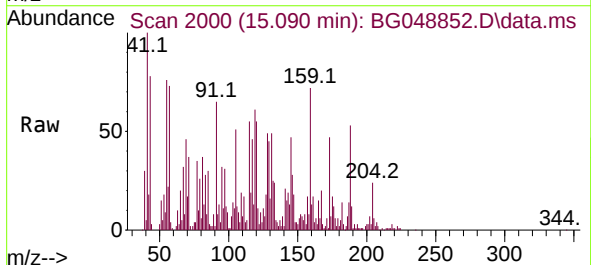
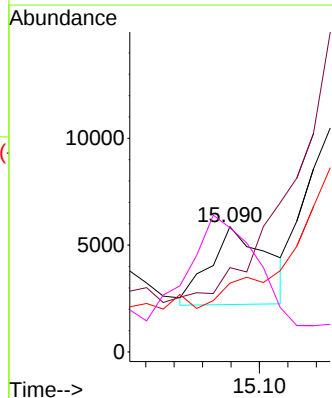


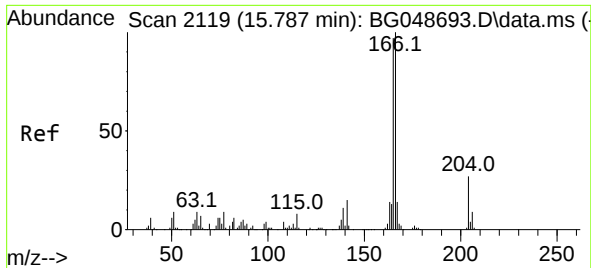
Tgt Ion:139 Resp: 55020
Ion Ratio Lower Upper
139 100
109 35.0 116.3 156.3#
65 36.5 105.0 145.0#



#57
2,4-Dinitrotoluene
Concen: 3.11 ng
RT: 15.090 min Scan# 2000
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:165 Resp: 5047
Ion Ratio Lower Upper
165 100
63 67.3 48.0 72.0
89 55.0 65.4 98.0#
182 99.1 2.0 3.0#

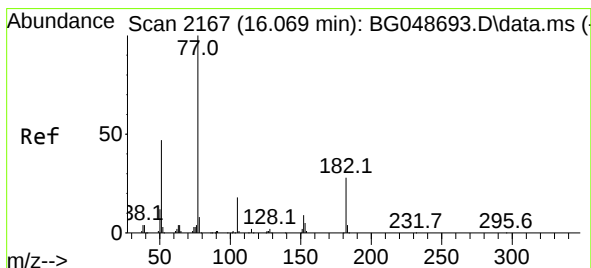
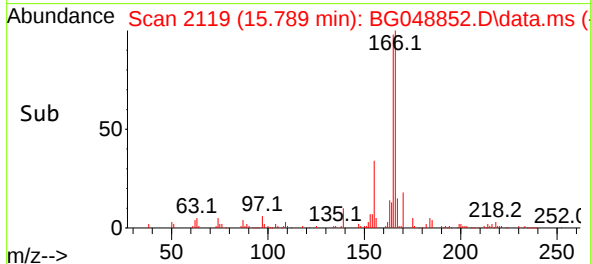
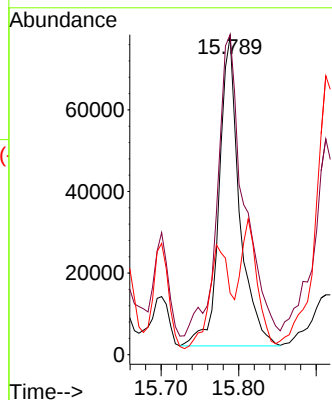
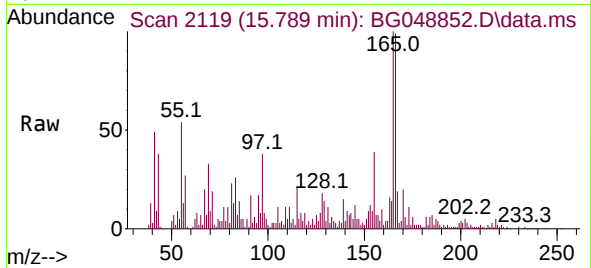




#58
Fluorene
Concen: 28.21 ng
RT: 15.789 min Scan# 2119
Delta R.T. 0.019 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

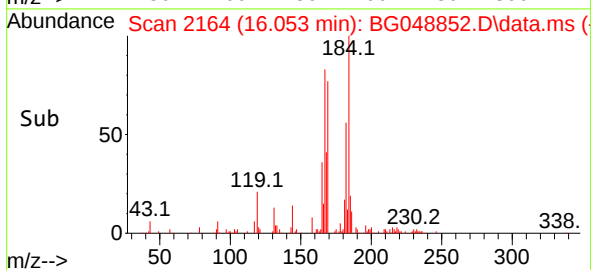
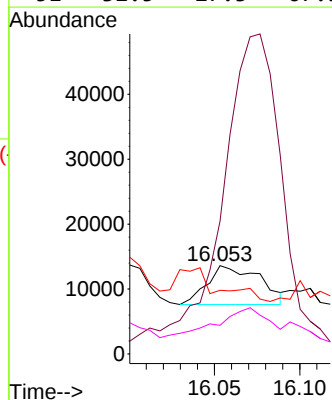
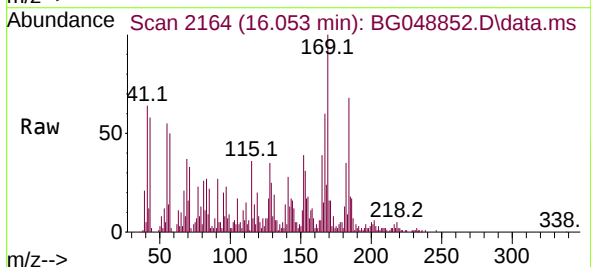
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

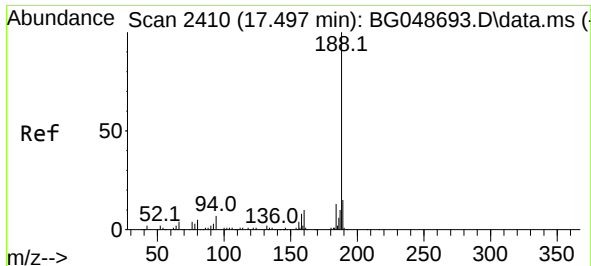
Tgt Ion:166 Resp: 138320
Ion Ratio Lower Upper
166 100
165 100.6 77.7 116.5
167 19.4 10.8 16.2#



#63
Azobenzene
Concen: 2.53 ng
RT: 16.053 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion: 77 Resp: 12757
Ion Ratio Lower Upper
77 100
182 150.3 7.9 47.9#
105 72.1 0.0 37.9#
51 32.5 27.3 67.3

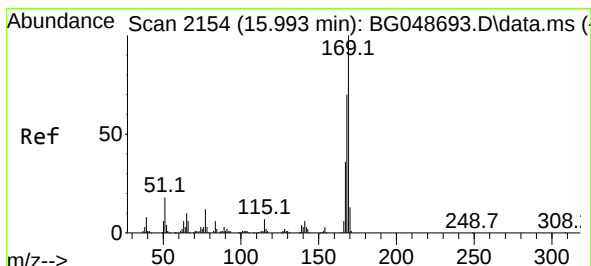
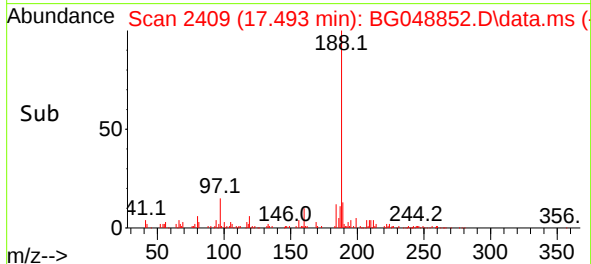
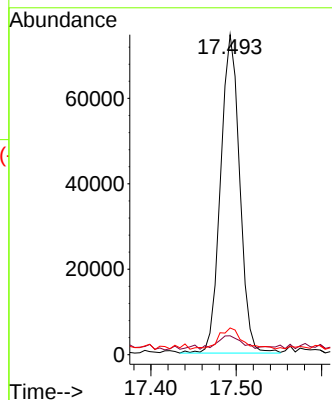
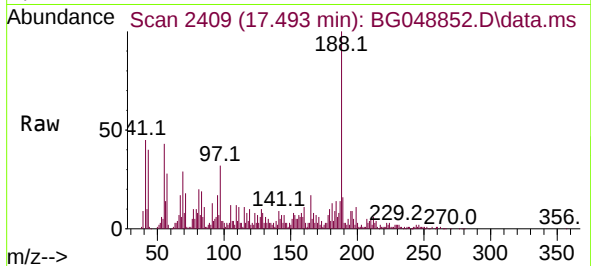




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. 0.013 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

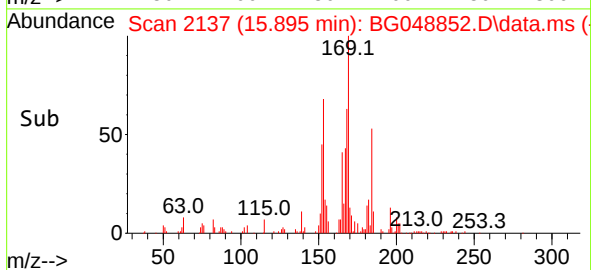
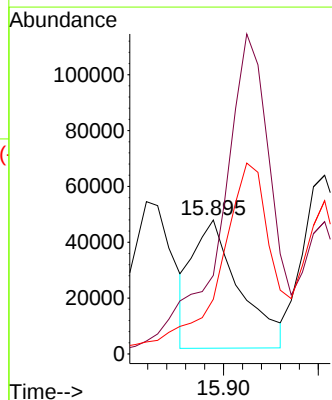
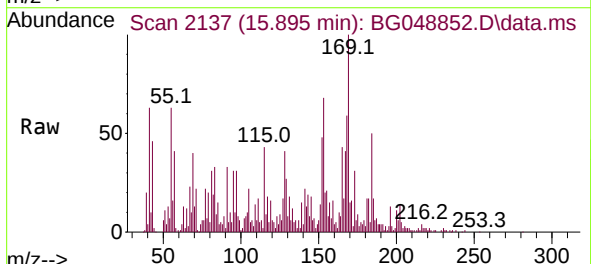
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

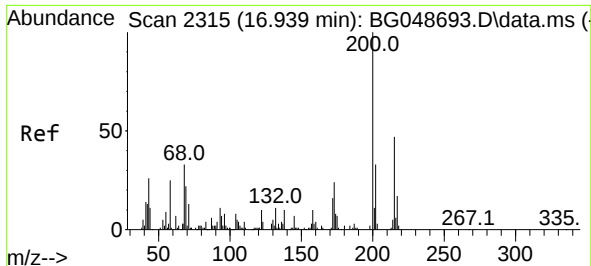
Tgt Ion:188 Resp: 115989
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 8.4 3.7 5.5#



#66
n-Nitrosodiphenylamine
Concen: 24.11 ng
RT: 15.895 min Scan# 2137
Delta R.T. -0.087 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:169 Resp: 79052
Ion Ratio Lower Upper
169 100
168 58.7 56.3 84.5
167 40.8 28.4 42.6

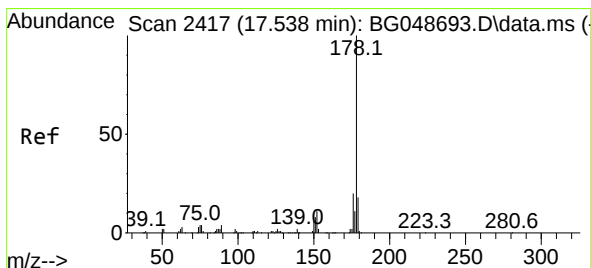
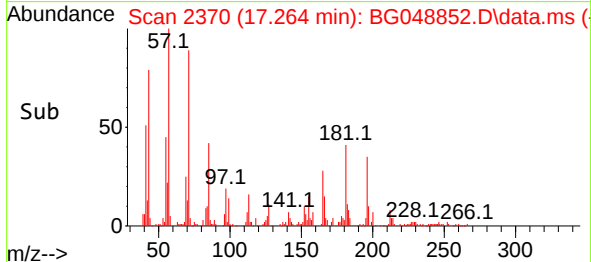
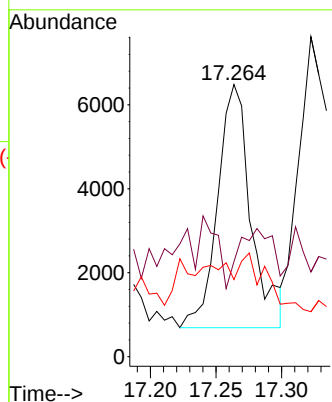
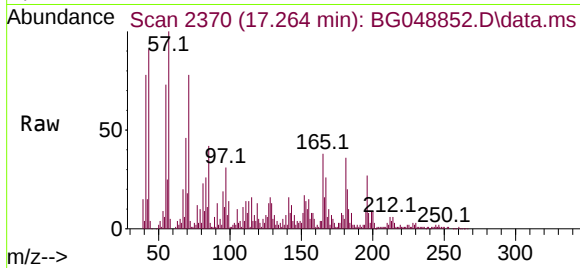




#69
Atrazine
Concen: 7.54 ng
RT: 17.264 min Scan# 2370
Delta R.T. 0.336 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

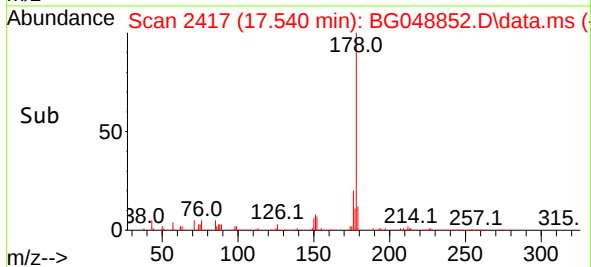
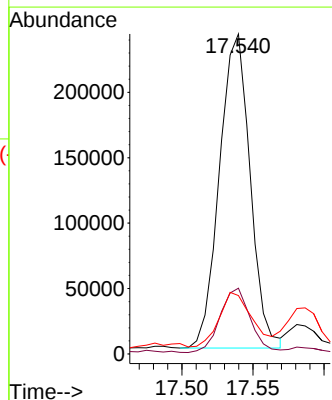
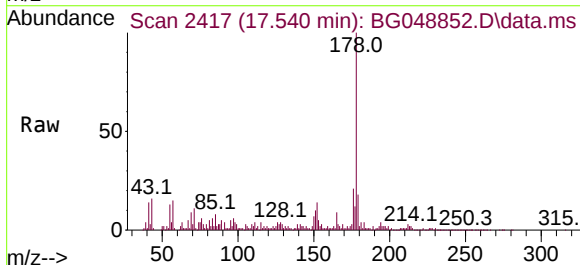
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

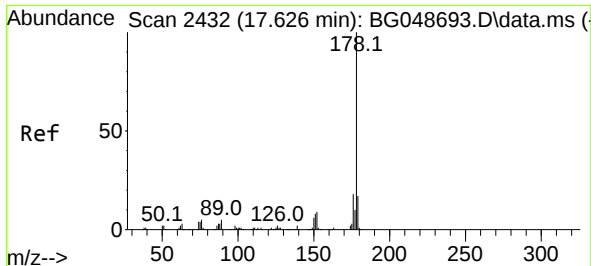
Tgt Ion:200 Resp: 10277
Ion Ratio Lower Upper
200 100
173 34.9 3.7 43.7
215 28.4 26.9 66.9



#71
Phenanthrene
Concen: 59.91 ng
RT: 17.540 min Scan# 2417
Delta R.T. 0.019 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:178 Resp: 360653
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 18.2 14.2 21.4

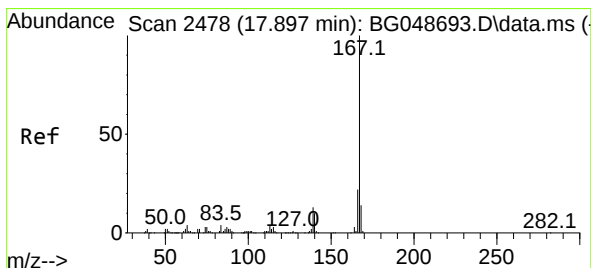
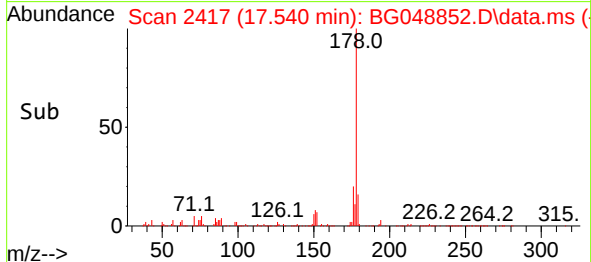
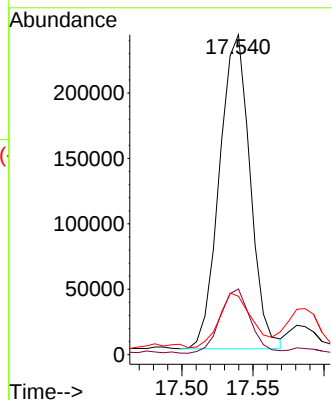
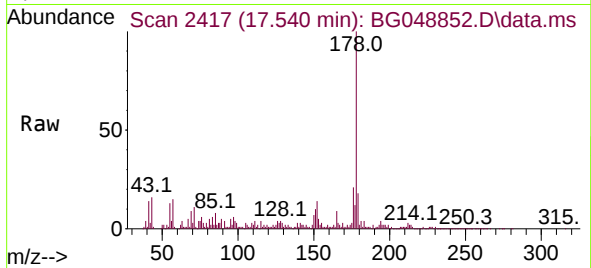




#72
 Anthracene
 Concen: 60.54 ng
 RT: 17.540 min Scan# 2417
 Delta R.T. -0.075 min
 Lab File: BG048852.D
 Acq: 22 Apr 2021 18:24

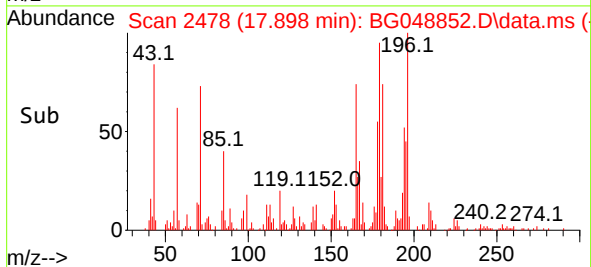
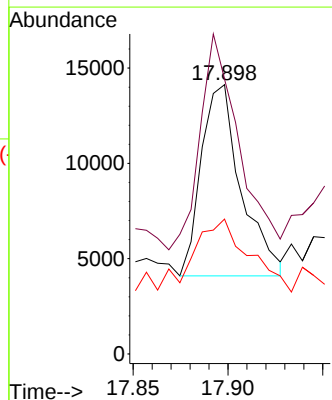
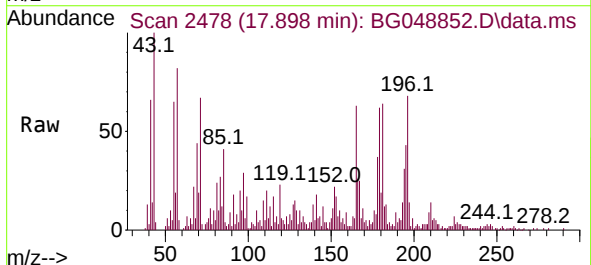
Instrument :
 BNA_G
 ClientSampleId :
 105-SB-2(S)

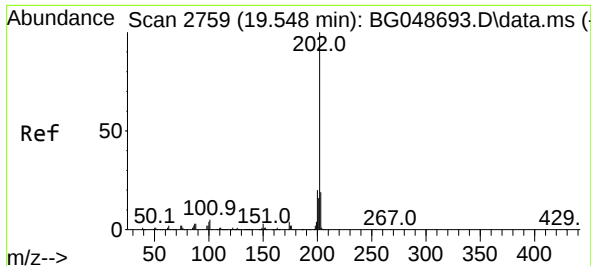
Tgt Ion:178 Resp: 360653
 Ion Ratio Lower Upper
 178 100
 176 20.5 14.6 21.8
 179 18.2 13.4 20.0



#73
 Carbazole
 Concen: 2.58 ng
 RT: 17.898 min Scan# 2478
 Delta R.T. 0.013 min
 Lab File: BG048852.D
 Acq: 22 Apr 2021 18:24

Tgt Ion:167 Resp: 14703
 Ion Ratio Lower Upper
 167 100
 166 102.1 17.4 26.2#
 139 50.1 10.7 16.1#

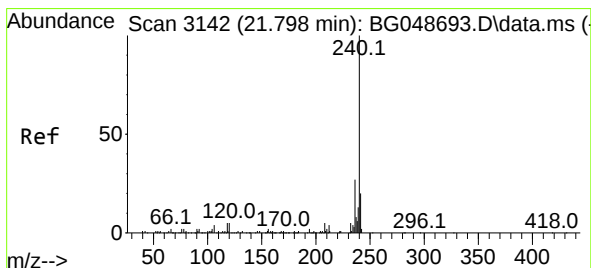
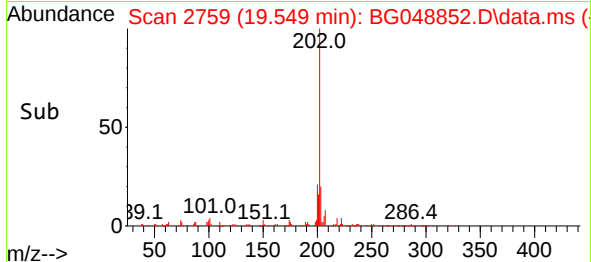
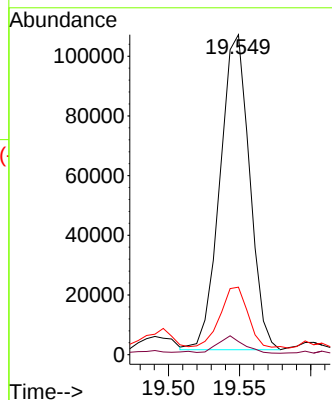
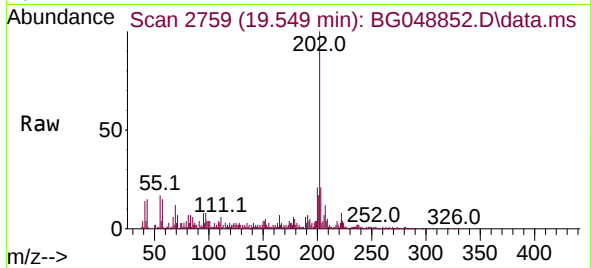




#75
Fluoranthene
Concen: 20.08 ng
RT: 19.549 min Scan# 2759
Delta R.T. 0.013 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

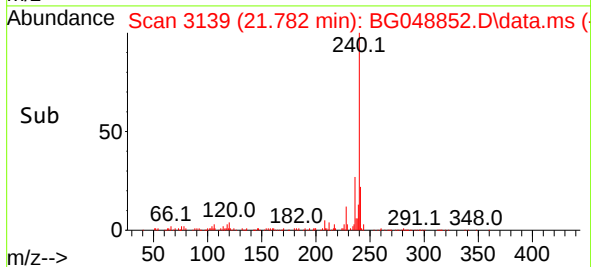
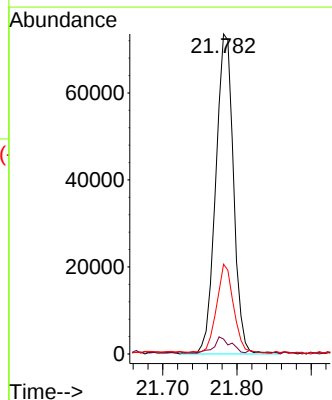
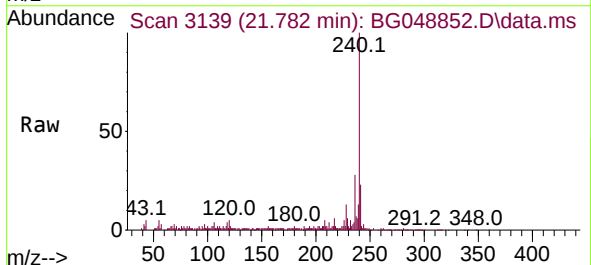
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

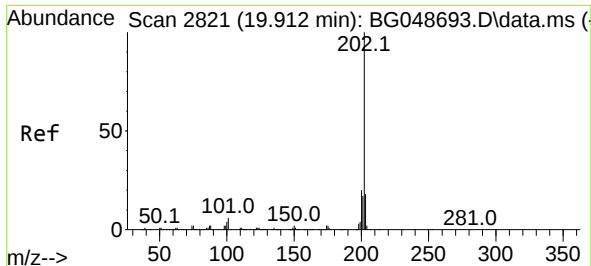
Tgt Ion:202 Resp: 152841
Ion Ratio Lower Upper
202 100
101 4.1 0.0 24.7
203 21.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:240 Resp: 122469
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 28.0 21.8 32.6

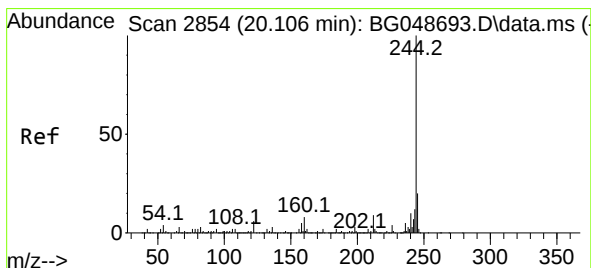
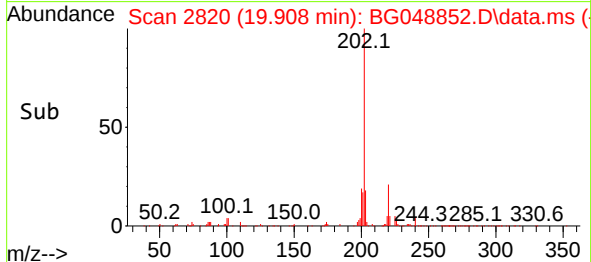
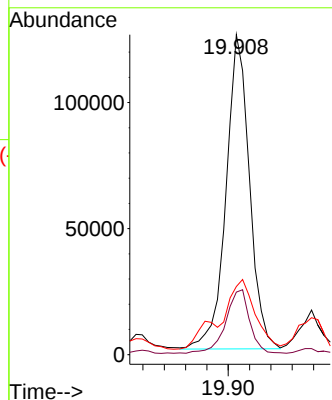
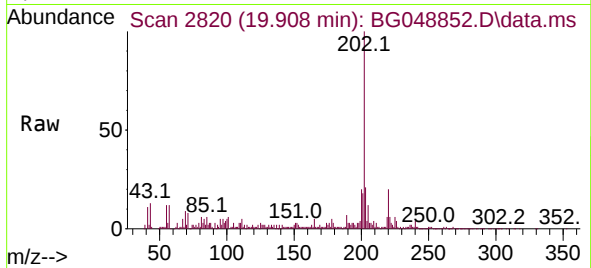




#78
Pyrene
Concen: 22.46 ng
RT: 19.908 min Scan# 2820
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

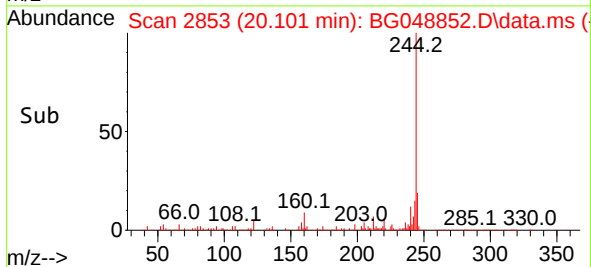
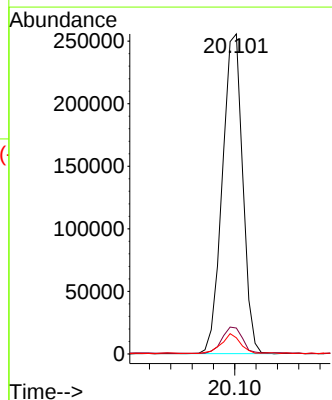
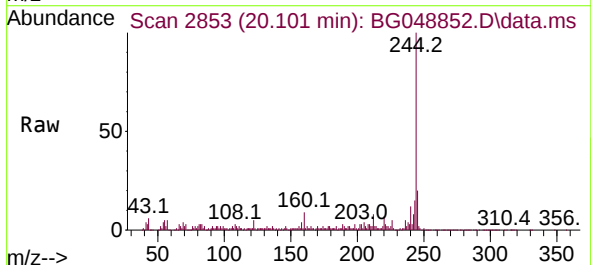
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

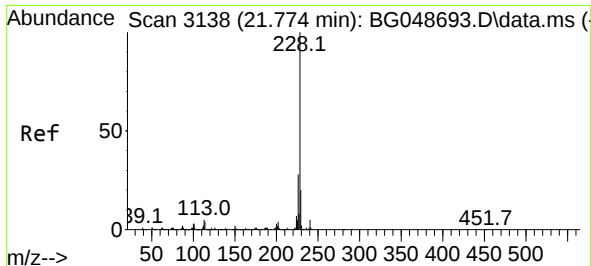
Tgt Ion:202 Resp: 190284
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 21.3 14.6 21.8



#79
Terphenyl-d14
Concen: 47.43 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:244 Resp: 337512
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 5.1 5.0 7.6

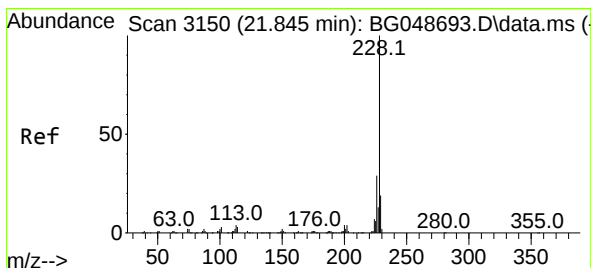
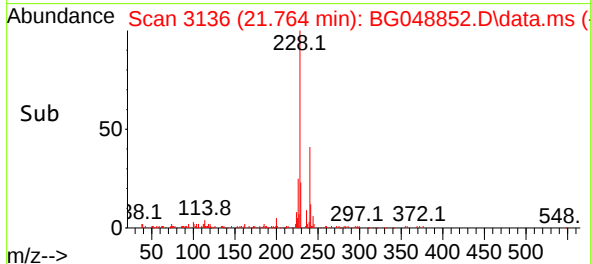
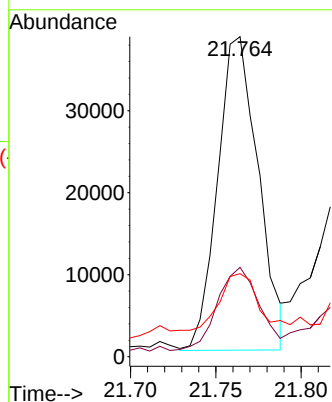
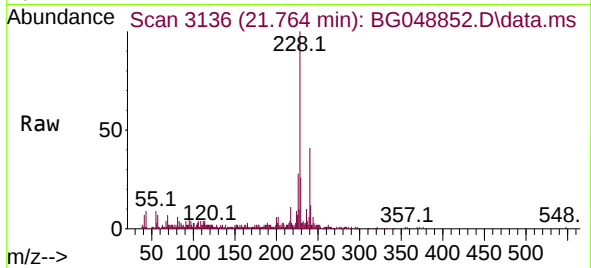




#81
Benzo(a)anthracene
Concen: 7.58 ng
RT: 21.764 min Scan# 3136
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

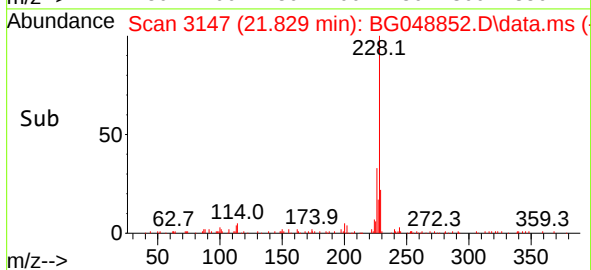
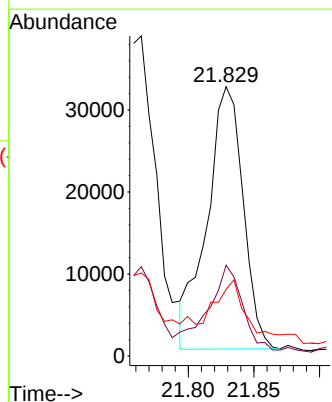
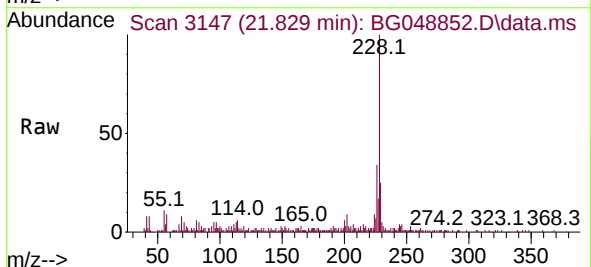
Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

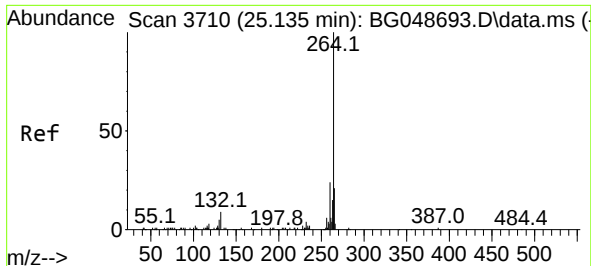
Tgt Ion:228 Resp: 63433
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 25.9 16.0 24.0#



#83
Chrysene
Concen: 7.69 ng
RT: 21.829 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:228 Resp: 61278
Ion Ratio Lower Upper
228 100
226 33.7 23.1 34.7
229 24.7 15.3 22.9#

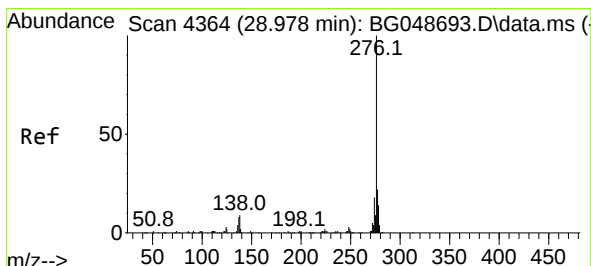
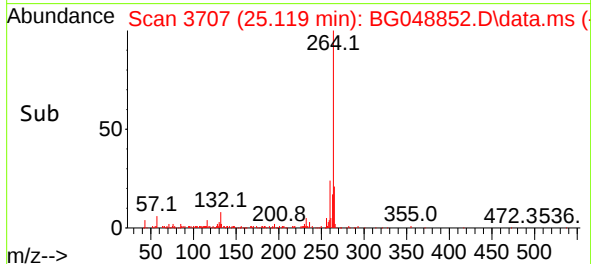
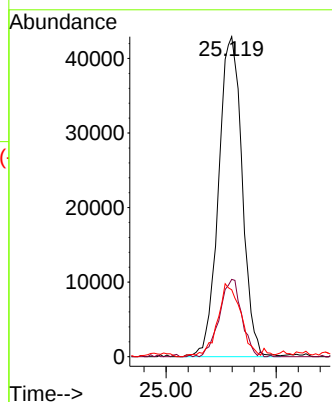
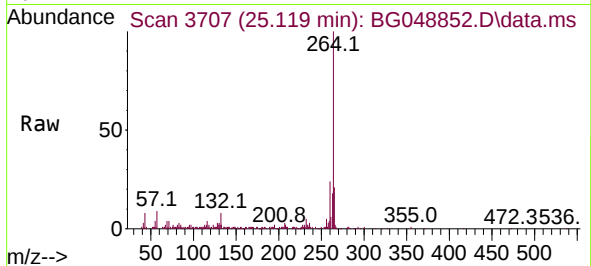




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.119 min Scan# 3707
 Delta R.T. 0.007 min
 Lab File: BG048852.D
 Acq: 22 Apr 2021 18:24

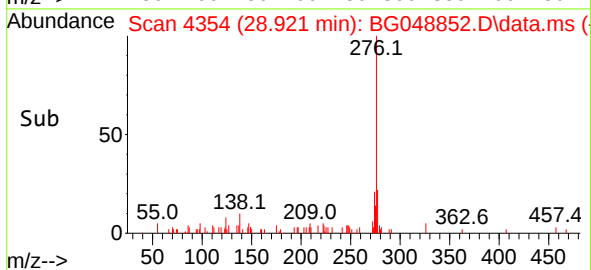
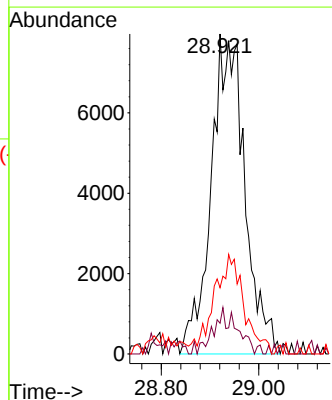
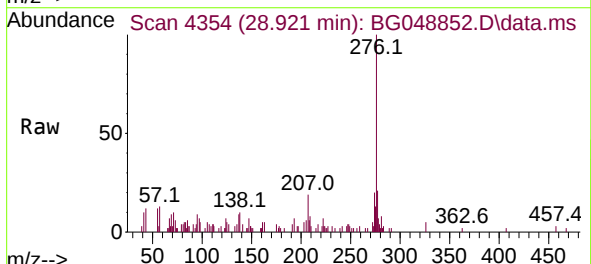
Instrument :
 BNA_G
 ClientSampleId :
 105-SB-2(S)

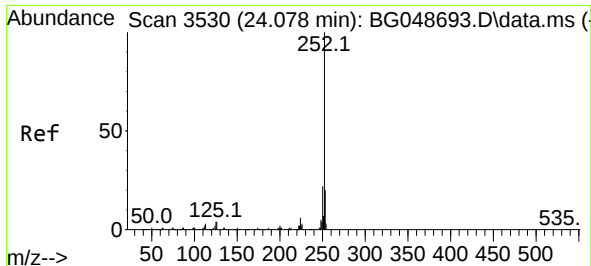
Tgt Ion:264 Resp: 127652
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 20.9 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.06 ng
 RT: 28.921 min Scan# 4354
 Delta R.T. -0.016 min
 Lab File: BG048852.D
 Acq: 22 Apr 2021 18:24

Tgt Ion:276 Resp: 38069
 Ion Ratio Lower Upper
 276 100
 138 5.8 5.1 7.7
 277 27.8 19.8 29.6

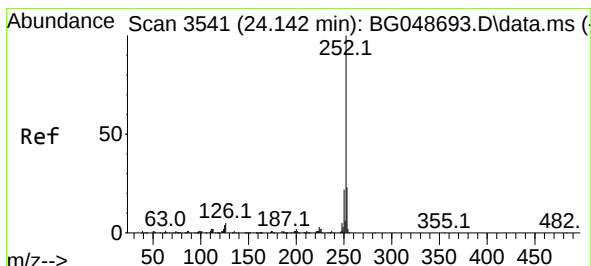
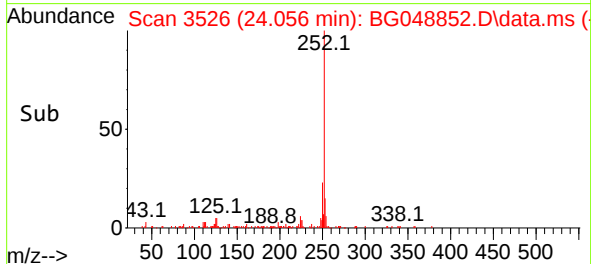
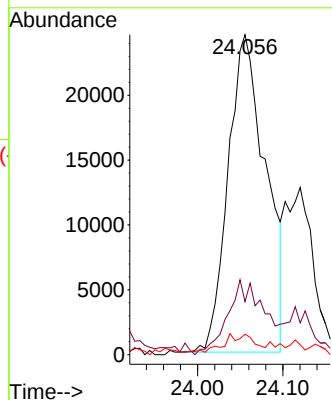
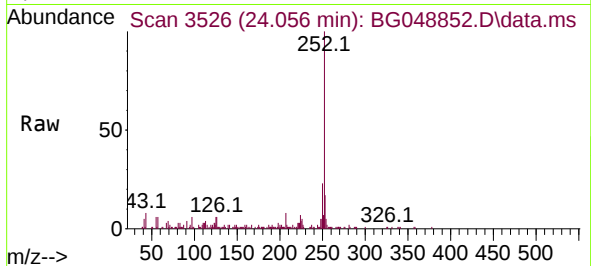




#88
Benzo(b)fluoranthene
Concen: 8.65 ng
RT: 24.056 min Scan# 3526
Delta R.T. 0.007 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

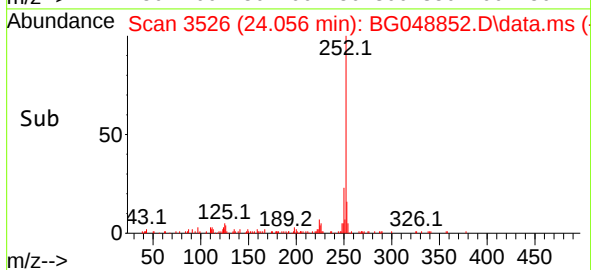
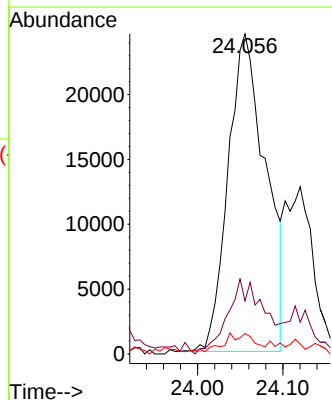
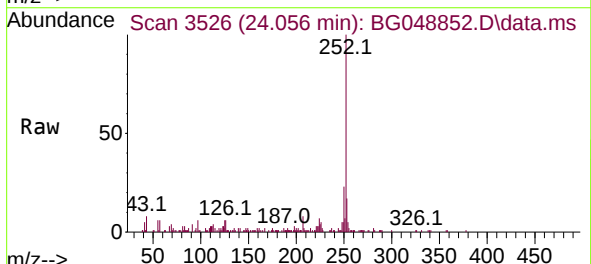
Instrument :
BNA_G
ClientSampled :
105-SB-2(S)

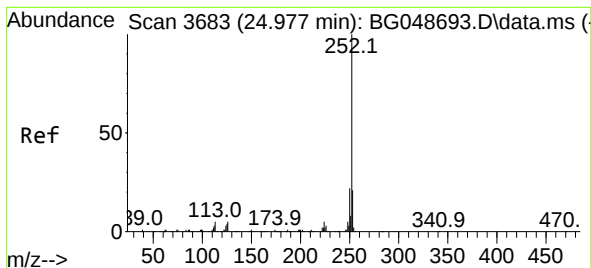
Tgt Ion:252 Resp: 74911
Ion Ratio Lower Upper
252 100
253 16.6 16.2 24.4
125 6.4 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 9.20 ng
RT: 24.056 min Scan# 3526
Delta R.T. -0.063 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:252 Resp: 74911
Ion Ratio Lower Upper
252 100
253 16.6 18.0 27.0#
125 6.4 3.1 4.7#

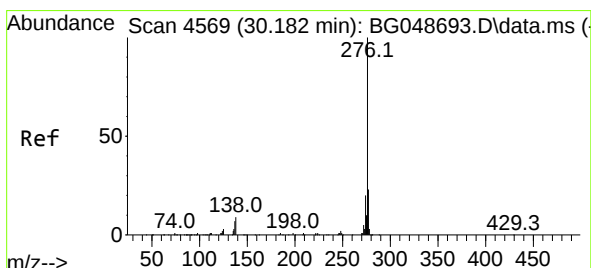
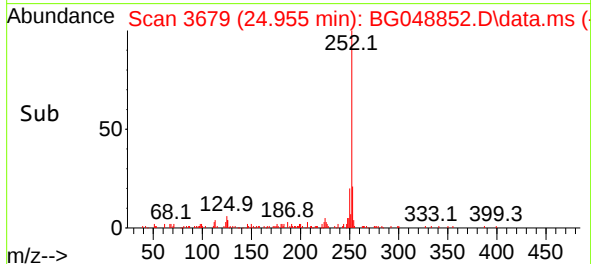
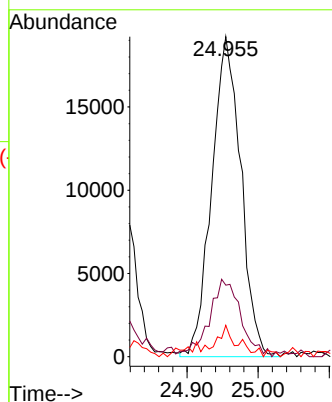
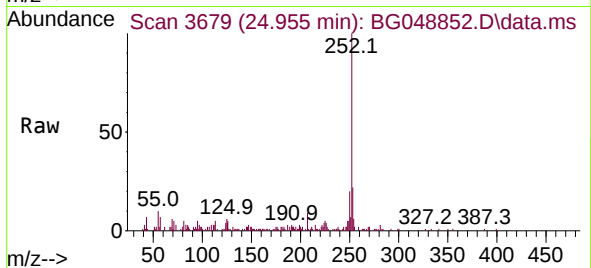




#90
Benzo(a)pyrene
Concen: 6.83 ng
RT: 24.955 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

Tgt Ion:252 Resp: 54480
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 9.8 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 4.37 ng
RT: 30.119 min Scan# 4558
Delta R.T. -0.010 min
Lab File: BG048852.D
Acq: 22 Apr 2021 18:24

Tgt Ion:276 Resp: 34670
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 12.9 7.0 10.6#

