

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048851.D
 Acq On : 22 Apr 2021 17:43
 Operator : CG/JU
 Sample : M2118-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 339

Quant Time: Apr 23 01:20:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

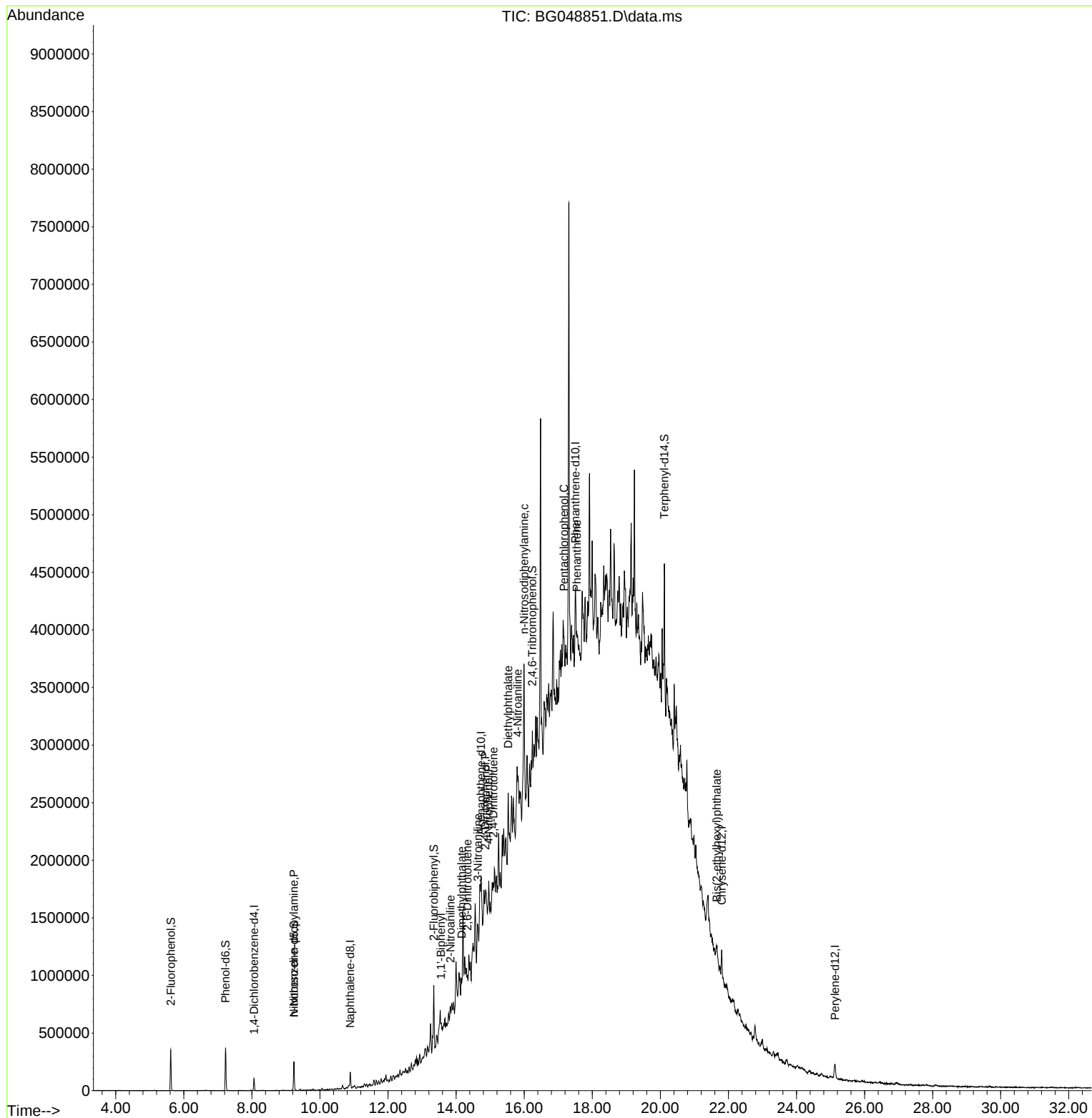
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	26281	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	99624	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	61246	20.00	ng	0.01
64) Phenanthrene-d10	17.509	188	130252	20.00	ng	# 0.03
76) Chrysene-d12	21.804	240	123246	20.00	ng	# 0.02
86) Perylene-d12	25.130	264	125202	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	143736	91.47	ng	0.01
7) Phenol-d6	7.227	99	181085	81.47	ng	0.00
23) Nitrobenzene-d5	9.237	82	141398	63.54	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	64893	79.02	ng	0.02
45) 2-Fluorobiphenyl	13.344	172	253822	59.85	ng	0.00
79) Terphenyl-d14	20.118	244	400613	55.95	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.237	70	23310	15.54	ng	# 70
46) 1,1'-Biphenyl	13.555	154	14422	3.19	ng	90
48) 2-Nitroaniline	13.837	65	4095	3.30	ng	# 29
50) Dimethylphthalate	14.166	163	12698	2.76	ng	# 37
51) 2,6-Dinitrotoluene	14.336	165	7057	6.66	ng	# 24
53) 3-Nitroaniline	14.642	138	5185	5.10	ng	# 62
54) 2,4-Dinitrophenol	14.859	184	167	5.53	ng	# 1
56) 4-Nitrophenol	14.953	139	9964	13.22	ng	# 1
57) 2,4-Dinitrotoluene	15.094	165	6991	4.54	ng	# 39
60) Diethylphthalate	15.529	149	14163	2.98	ng	# 29
62) 4-Nitroaniline	15.811	138	3312	3.04	ng	# 74
66) n-Nitrosodiphenylamine	15.999	169	28056	7.62	ng	# 57
70) Pentachlorophenol	17.168	266	1642	2.03	ng	# 16
71) Phenanthrene	17.550	178	45330	6.71	ng	# 32
84) Bis(2-ethylhexyl)phtha...	21.657	149	9584	2.05	ng	# 76

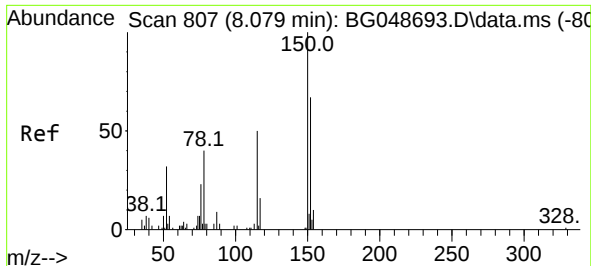
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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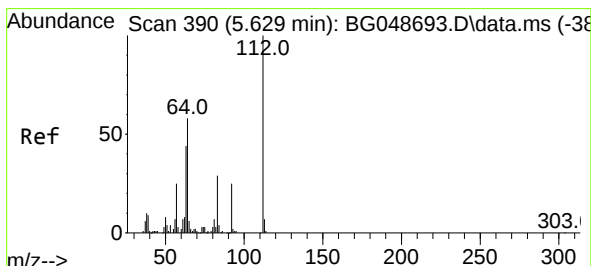
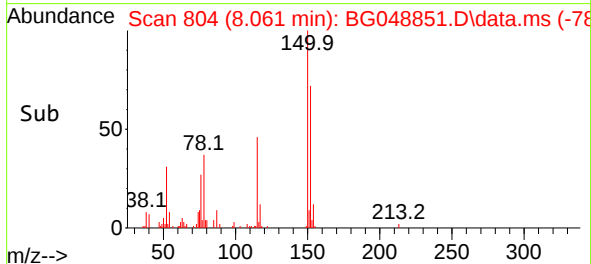
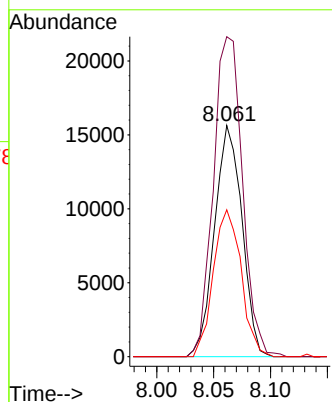
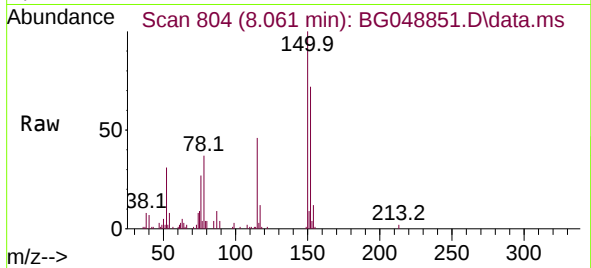




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

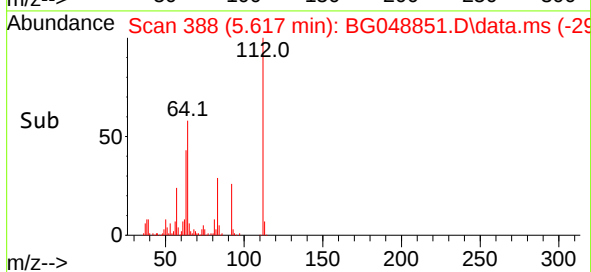
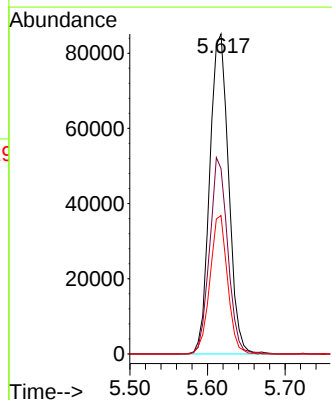
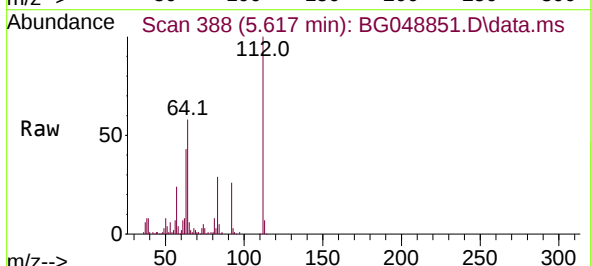
Instrument :
BNA_G
ClientSampleId :
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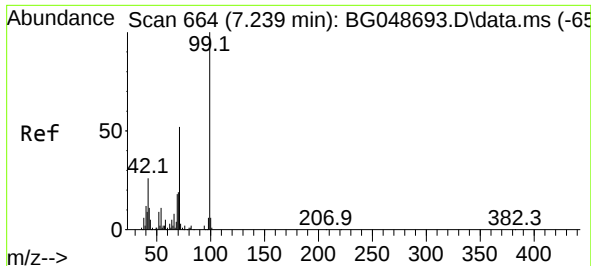
Tgt Ion:152 Resp: 26281
Ion Ratio Lower Upper
152 100
150 138.4 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 91.47 ng
RT: 5.617 min Scan# 388
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:112 Resp: 143736
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 43.3 35.3 52.9

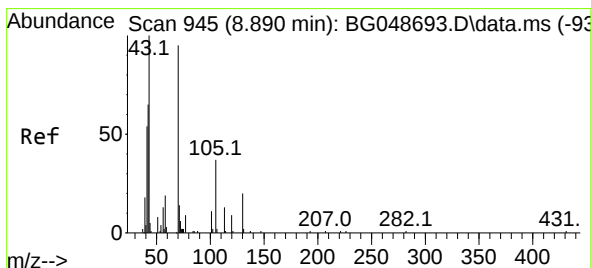
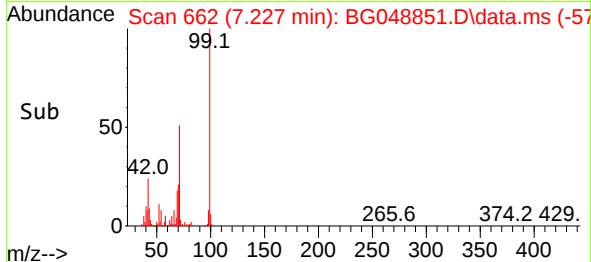
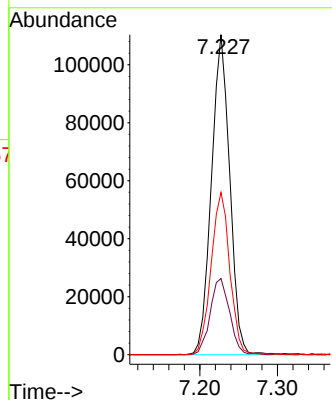
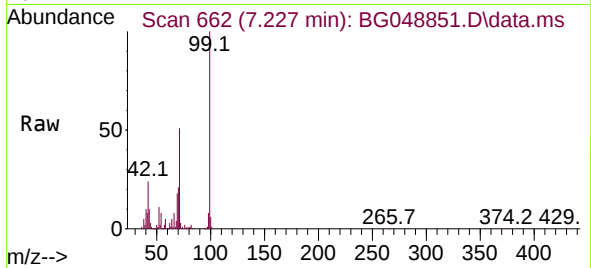




#7
Phenol-d6
Concen: 81.47 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

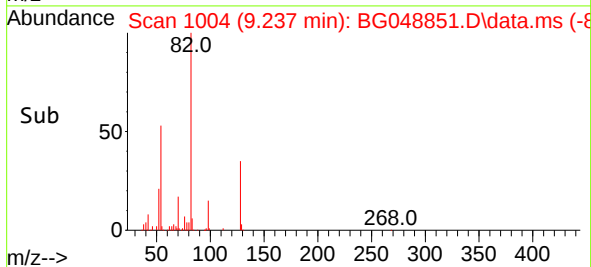
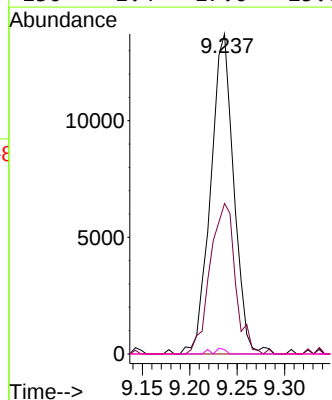
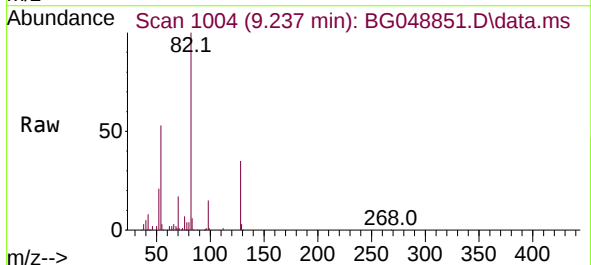
Instrument :
BNA_G
ClientSampleId :
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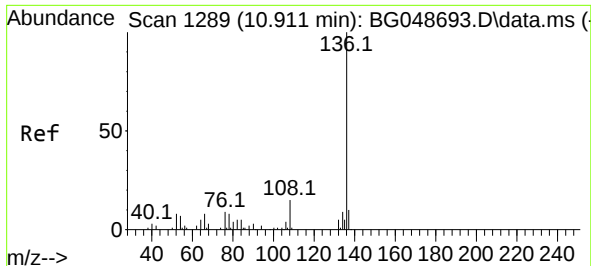
Tgt Ion: 99 Resp: 181085
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 50.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.54 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion: 70 Resp: 23310
Ion Ratio Lower Upper
70 100
42 47.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

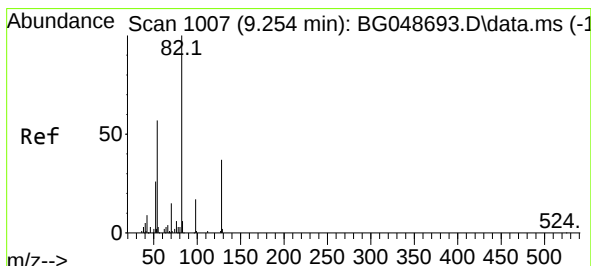
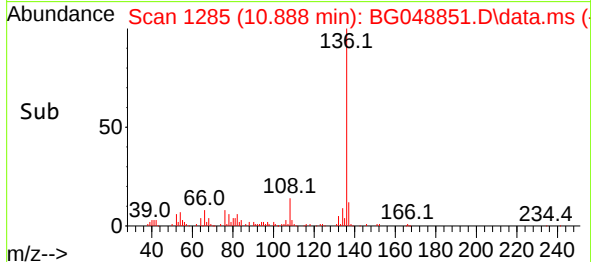
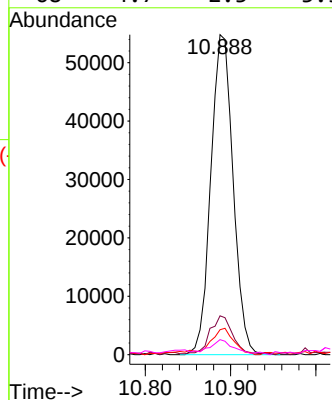
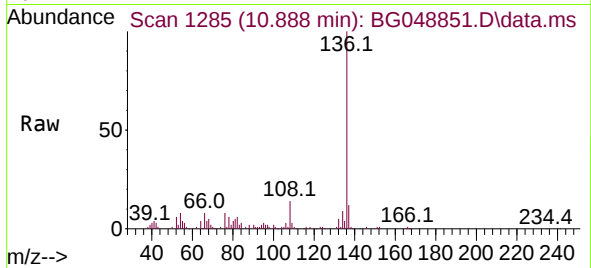




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

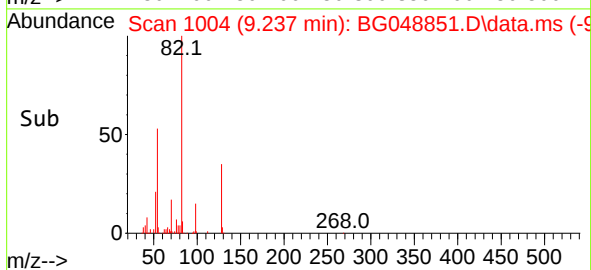
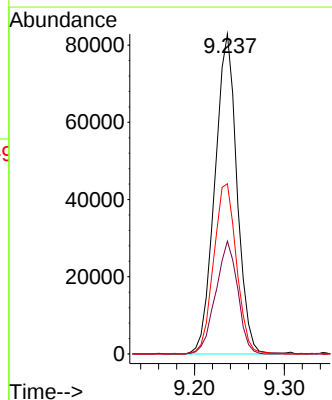
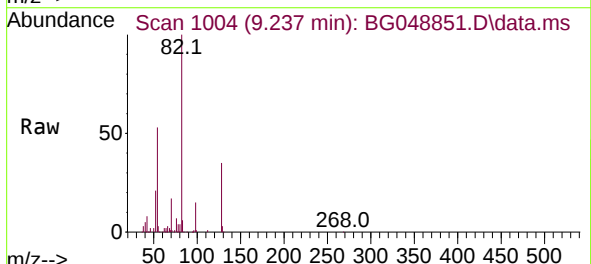
Instrument :
BNA_G
ClientSampleId :
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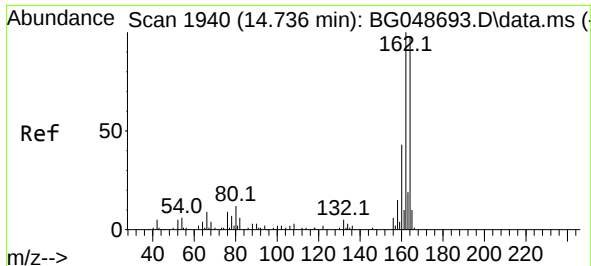
Tgt Ion:	136	Resp:	99624
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.2	12.2
54	7.8	5.5	8.3
68	4.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 63.54 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:	82	Resp:	141398
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.8	44.6
54	53.2	45.8	68.8

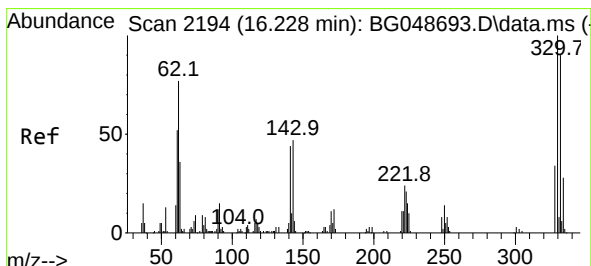
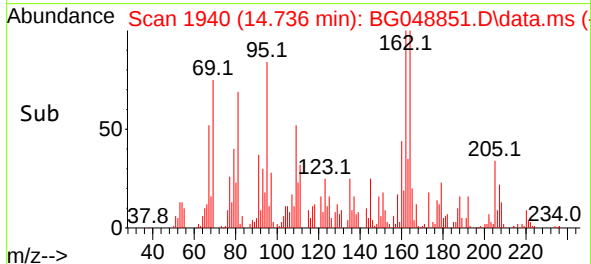
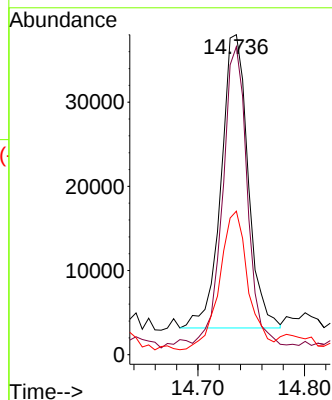
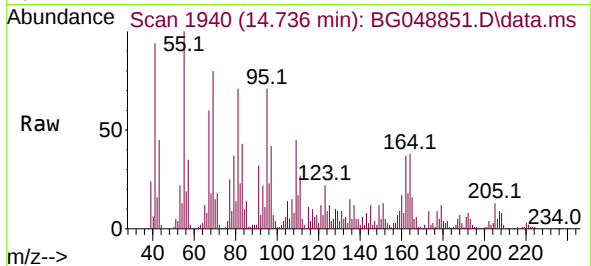




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

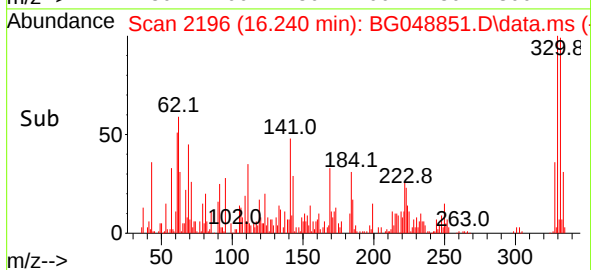
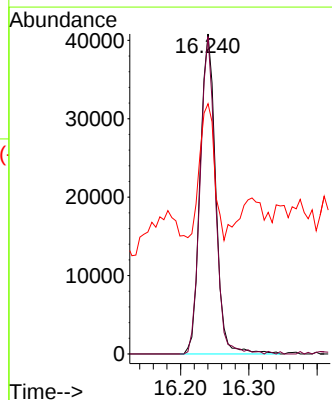
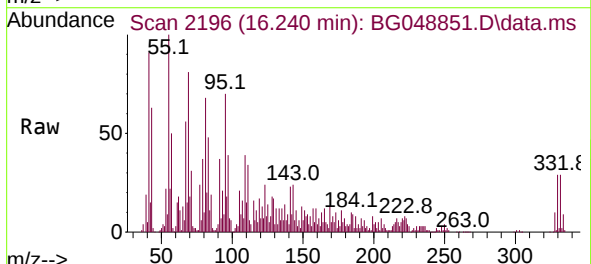
Instrument :
BNA_G
ClientSampled :
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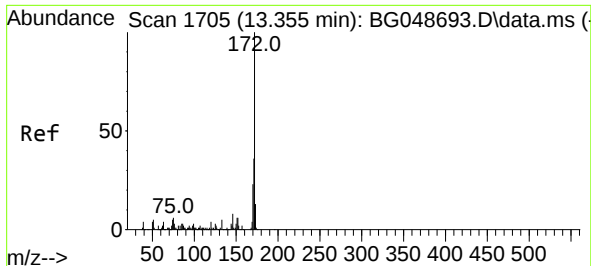
Tgt Ion:164 Resp: 61246
Ion Ratio Lower Upper
164 100
162 96.2 81.4 122.0
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 79.02 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.024 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:330 Resp: 64893
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 40.3 35.6 53.4

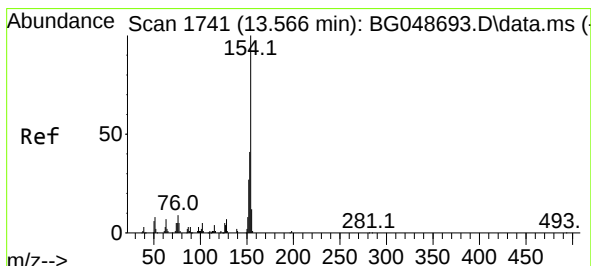
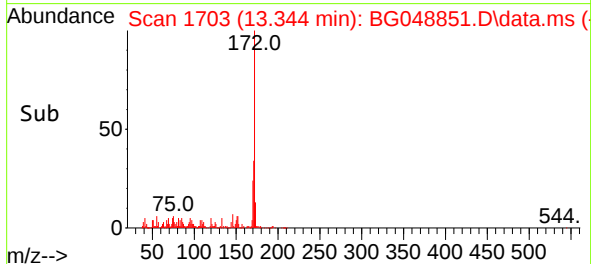
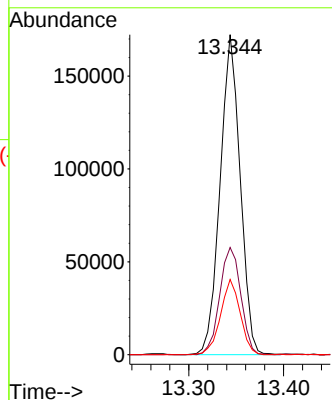
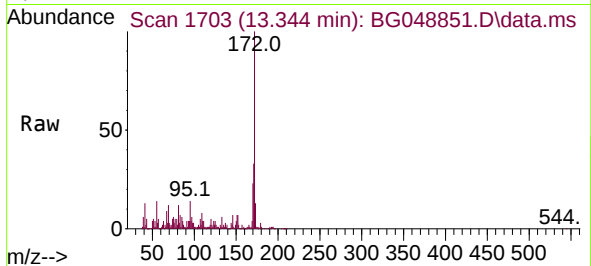




#45
2-Fluorobiphenyl
Concen: 59.85 ng
RT: 13.344 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

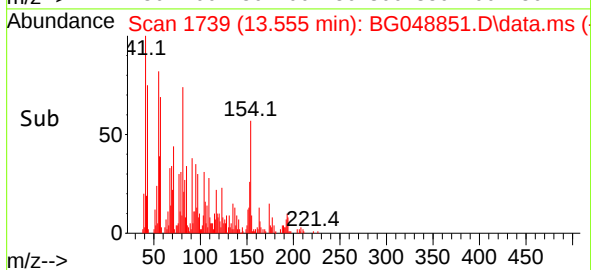
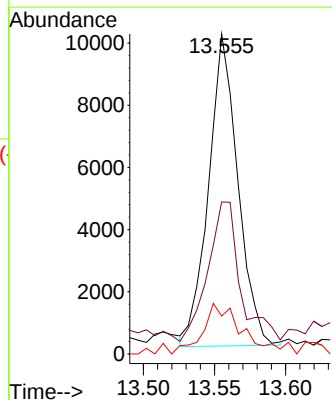
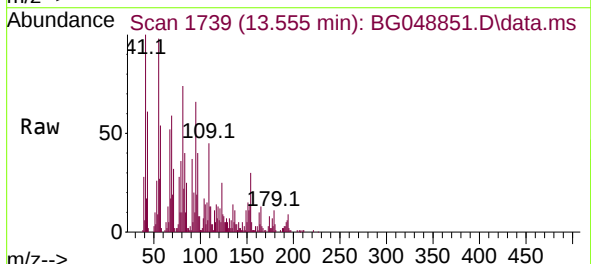
Instrument :
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ClientSampleId :
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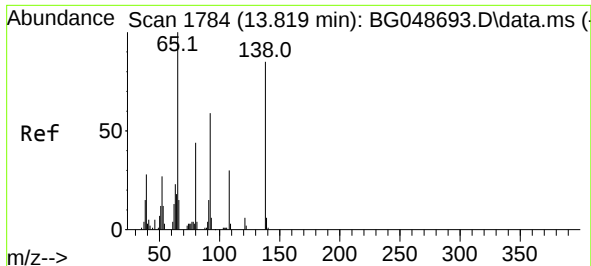
Tgt Ion:	172	Resp:	253822
Ion Ratio	Lower	Upper	
172	100		
171	33.5	28.6	43.0
170	23.5	18.6	27.8



#46
1,1'-Biphenyl
Concen: 3.19 ng
RT: 13.555 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:	154	Resp:	14422
Ion Ratio	Lower	Upper	
154	100		
153	47.5	20.5	60.5
76	11.9	0.0	29.3

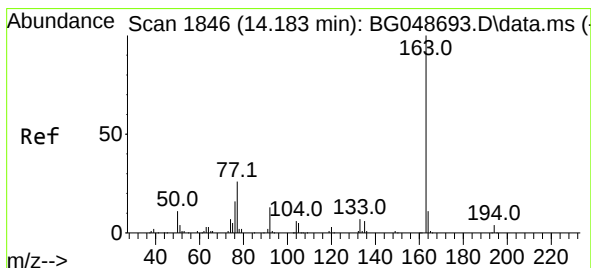
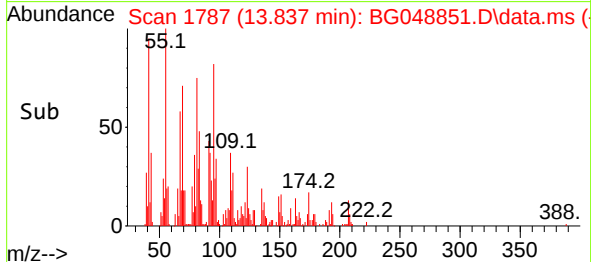
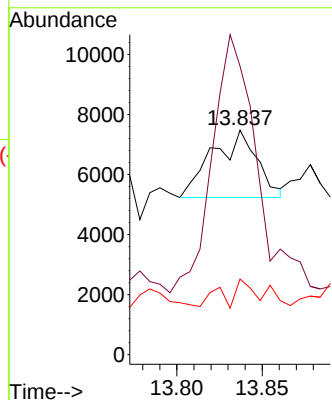
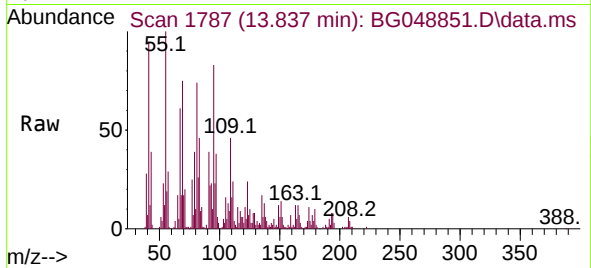




#48
2-Nitroaniline
Concen: 3.30 ng
RT: 13.837 min Scan# 1787
Delta R.T. 0.036 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

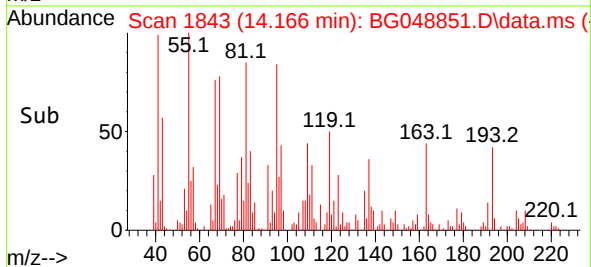
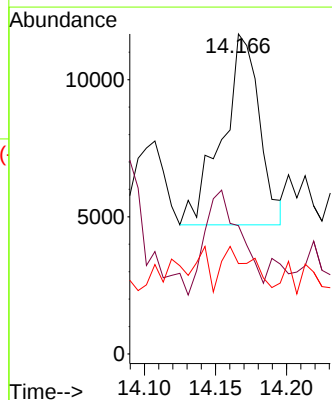
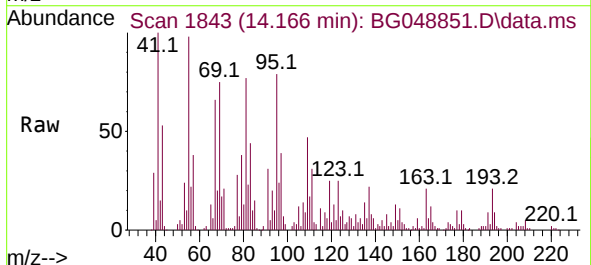
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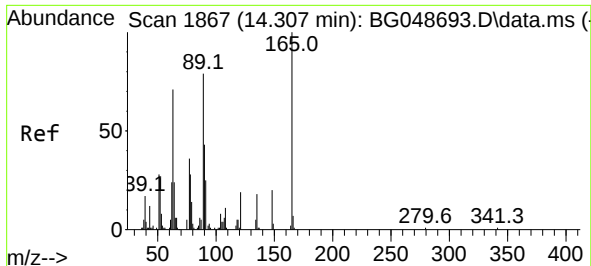
Tgt Ion: 65 Resp: 4095
Ion Ratio Lower Upper
65 100
92 128.5 47.2 70.8#
138 33.7 68.0 102.0#



#50
Dimethylphthalate
Concen: 2.76 ng
RT: 14.166 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:163 Resp: 12698
Ion Ratio Lower Upper
163 100
194 40.1 3.0 4.6#
164 28.3 8.6 12.8#

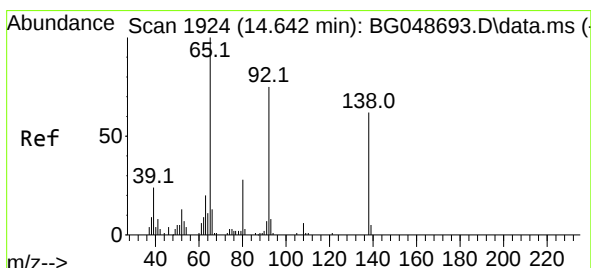
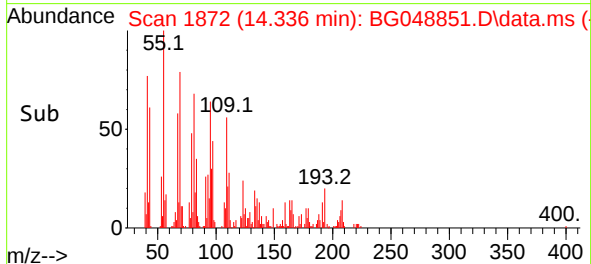
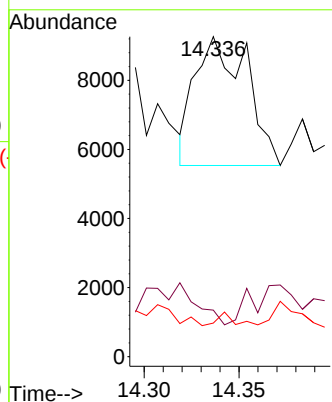
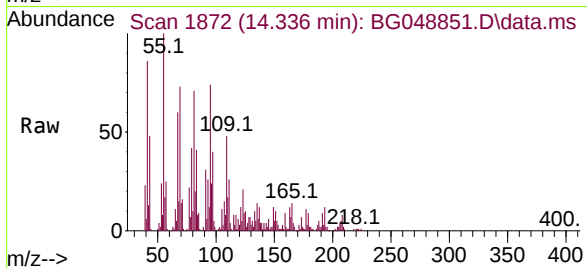




#51
2,6-Dinitrotoluene
Concen: 6.66 ng
RT: 14.336 min Scan# 1872
Delta R.T. 0.041 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

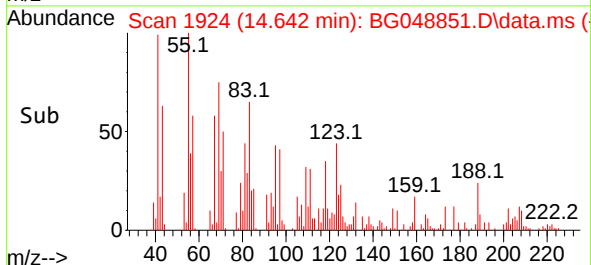
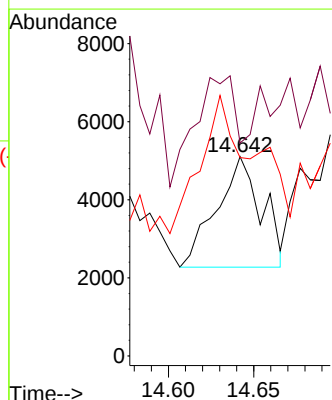
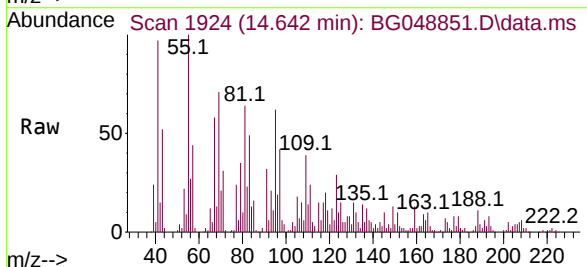
Instrument :
BNA_G
ClientSampled :
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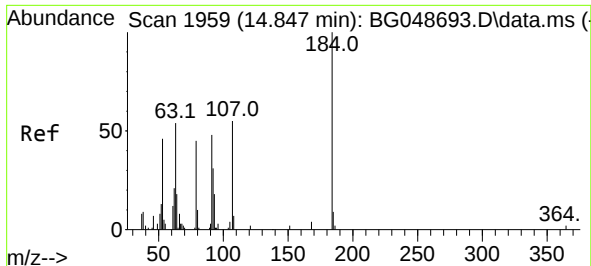
Tgt Ion:165 Resp: 7057
Ion Ratio Lower Upper
165 100
63 14.6 63.3 94.9#
89 10.5 63.4 95.0#



#53
3-Nitroaniline
Concen: 5.10 ng
RT: 14.642 min Scan# 1924
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:138 Resp: 5185
Ion Ratio Lower Upper
138 100
108 106.8 8.3 12.5#
92 99.5 96.4 144.6

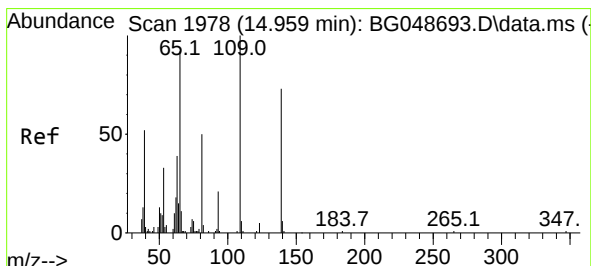
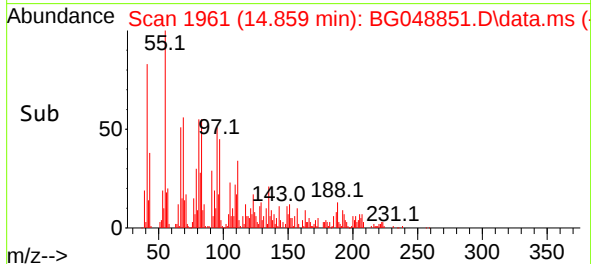
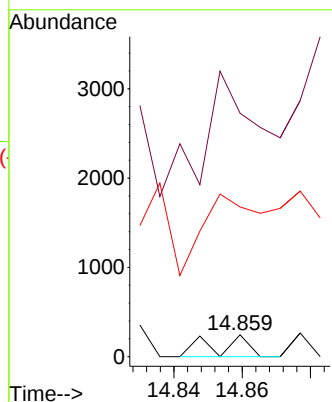
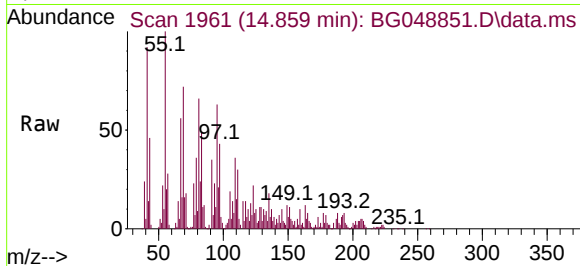




#54
2,4-Dinitrophenol
Concen: 5.53 ng
RT: 14.859 min Scan# 1961
Delta R.T. 0.024 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

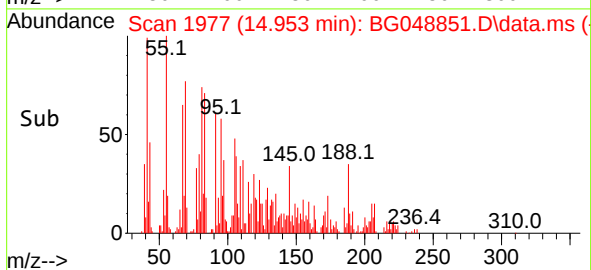
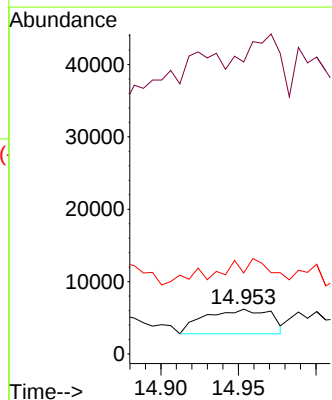
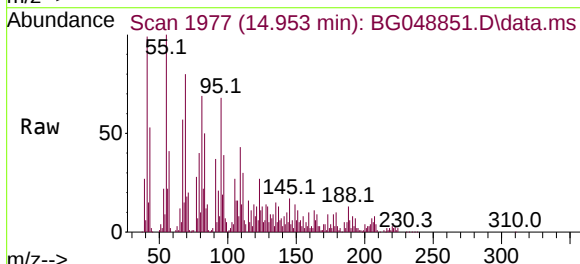
Instrument :
BNA_G
ClientSampled :
339

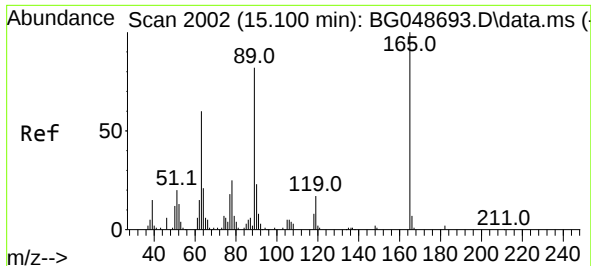
Tgt Ion:184 Resp: 167
Ion Ratio Lower Upper
184 100
63 1113.5 68.3 102.5#
154 684.9 62.6 93.8#



#56
4-Nitrophenol
Concen: 13.22 ng
RT: 14.953 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:139 Resp: 9964
Ion Ratio Lower Upper
139 100
109 651.0 116.3 156.3#
65 180.5 105.0 145.0#

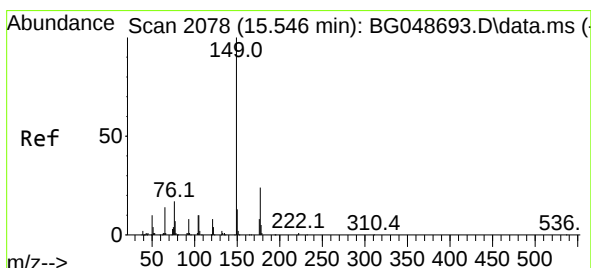
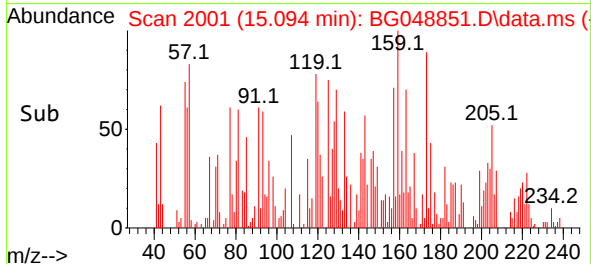
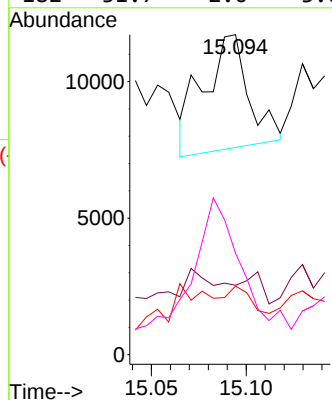
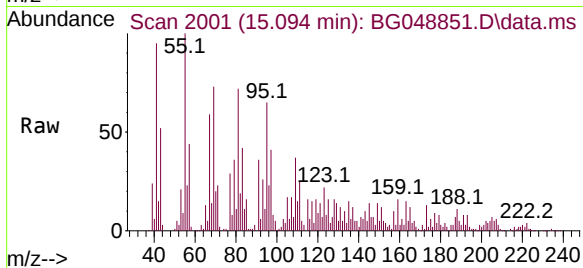




#57
2,4-Dinitrotoluene
Concen: 4.54 ng
RT: 15.094 min Scan# 2001
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

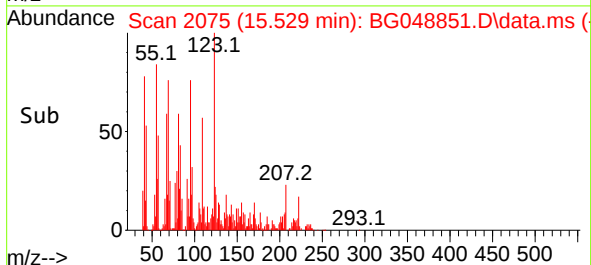
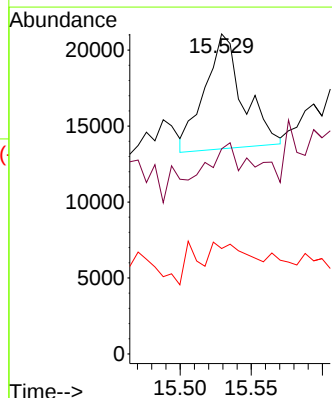
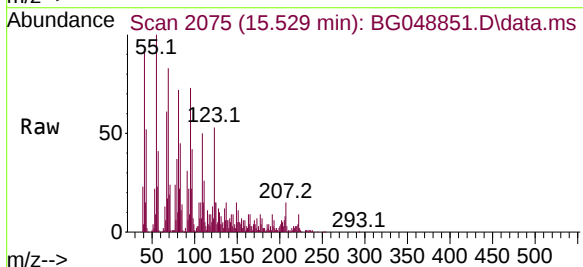
Instrument :
BNA_G
ClientSampled :
339

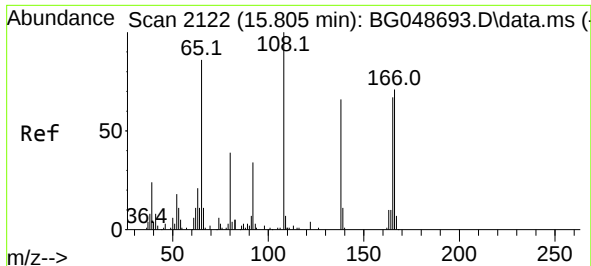
Tgt Ion:165 Resp: 6991
Ion Ratio Lower Upper
165 100
63 21.7 48.0 72.0#
89 21.5 65.4 98.0#
182 31.7 2.0 3.0#



#60
Diethylphthalate
Concen: 2.98 ng
RT: 15.529 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:149 Resp: 14163
Ion Ratio Lower Upper
149 100
177 64.1 19.0 28.6#
150 33.0 10.2 15.4#

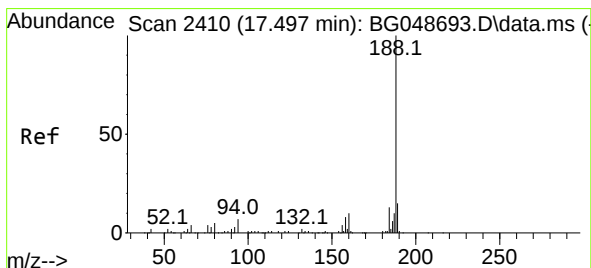
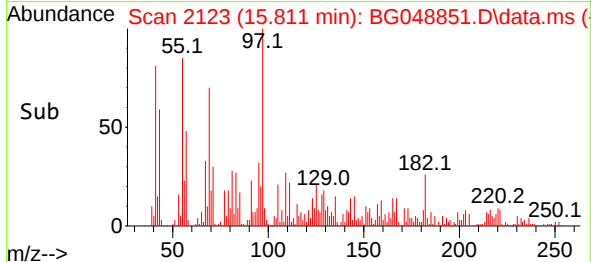
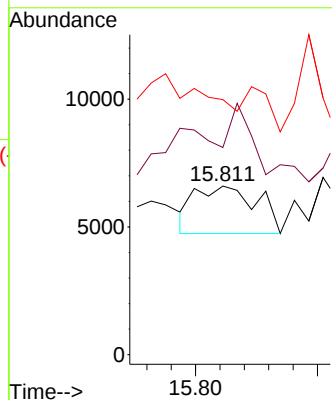
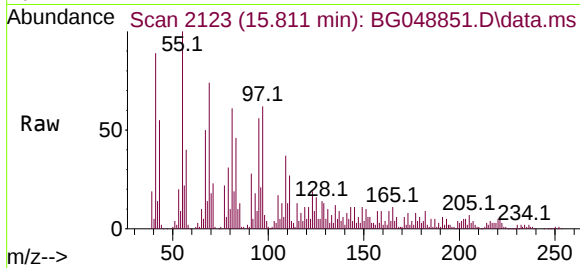




#62
4-Nitroaniline
Concen: 3.04 ng
RT: 15.811 min Scan# 2123
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

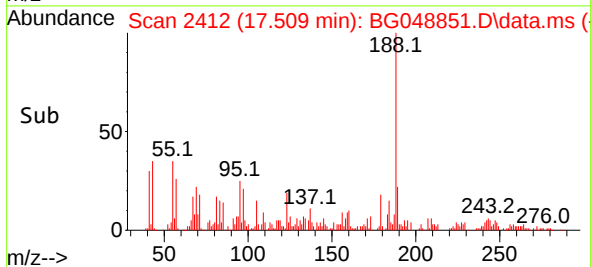
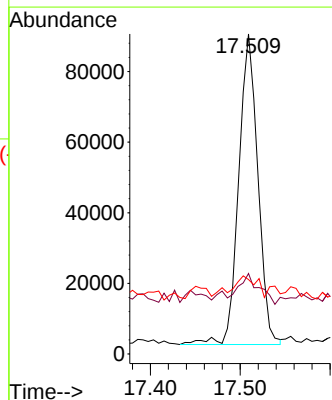
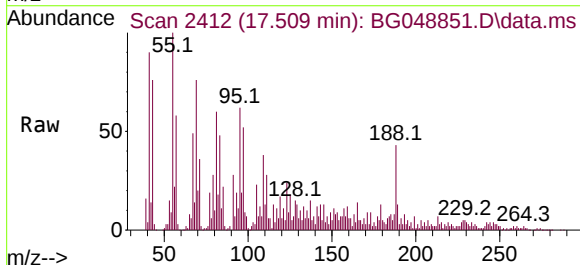
Instrument :
BNA_G
ClientSampled :
339

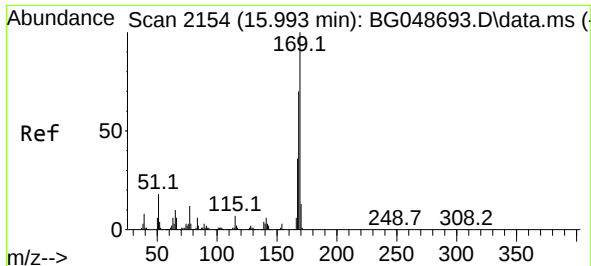
Tgt Ion:138 Resp: 3312
Ion Ratio Lower Upper
138 100
92 122.8 32.3 72.3#
108 151.2 132.4 172.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. 0.030 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:188 Resp: 130252
Ion Ratio Lower Upper
188 100
94 25.1 5.4 8.0#
80 23.2 3.7 5.5#

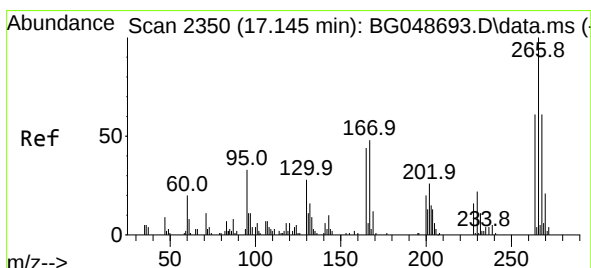
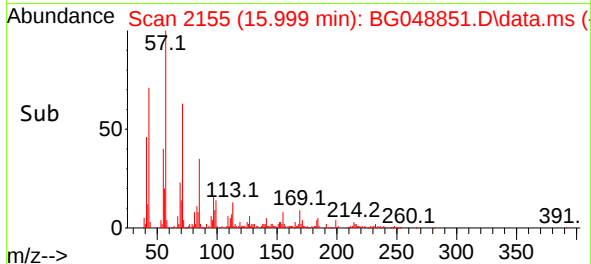
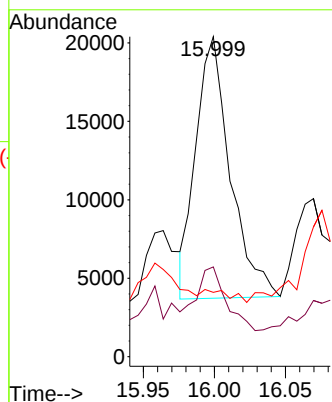
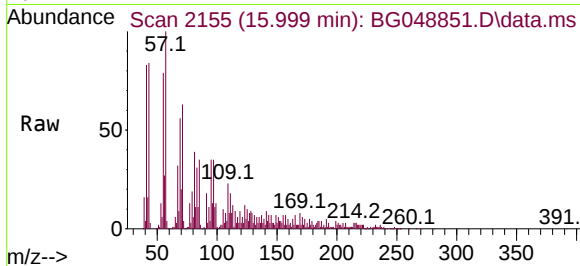




#66
n-Nitrosodiphenylamine
Concen: 7.62 ng
RT: 15.999 min Scan# 2155
Delta R.T. 0.018 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

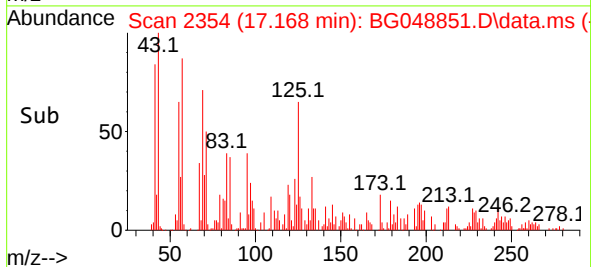
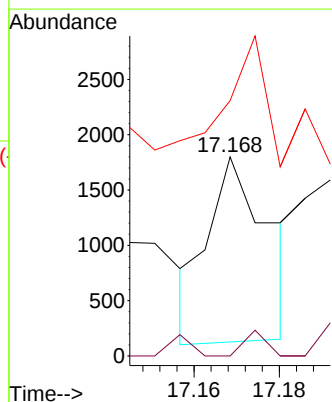
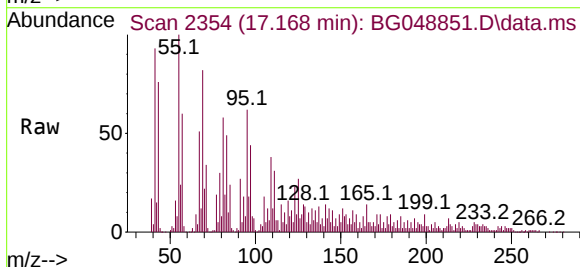
Instrument :
BNA_G
ClientSampleId :
339

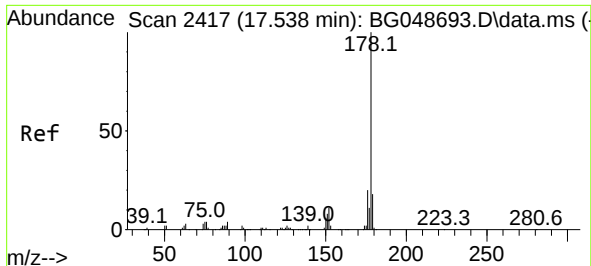
Tgt Ion:169 Resp: 28056
Ion Ratio Lower Upper
169 100
168 28.1 56.3 84.5#
167 20.1 28.4 42.6#



#70
Pentachlorophenol
Concen: 2.03 ng
RT: 17.168 min Scan# 2354
Delta R.T. 0.035 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:266 Resp: 1642
Ion Ratio Lower Upper
266 100
268 0.0 49.0 73.4#
264 128.3 49.0 73.6#

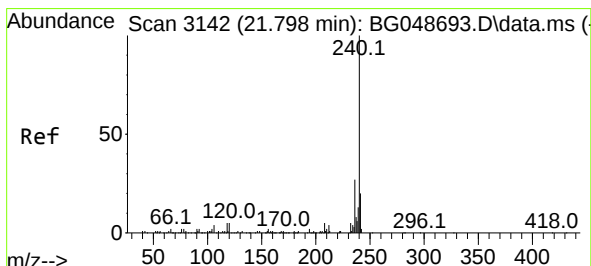
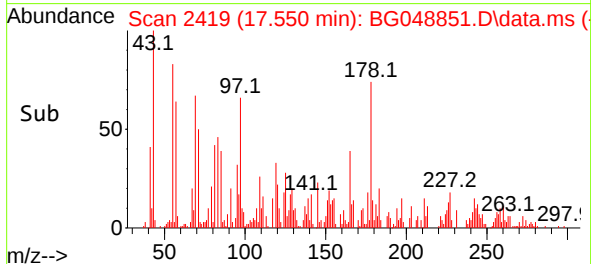
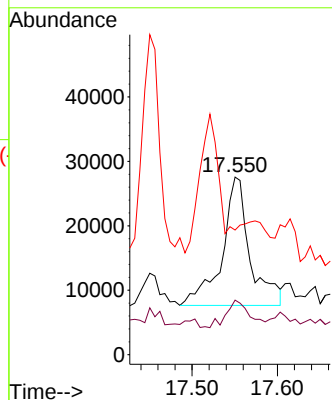
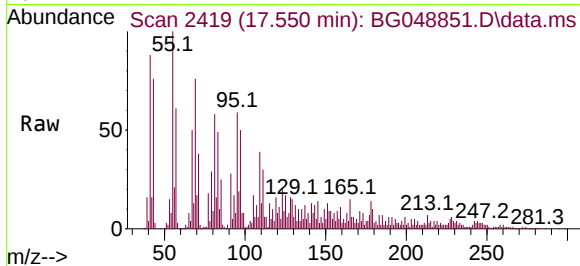




#71
Phenanthrene
Concen: 6.71 ng
RT: 17.550 min Scan# 2419
Delta R.T. 0.030 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

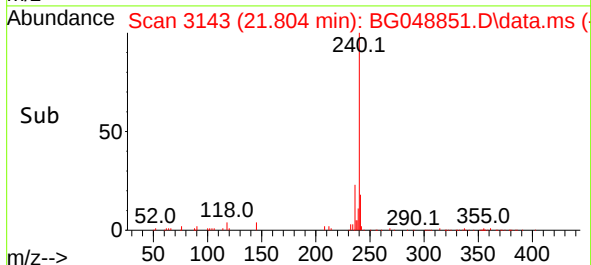
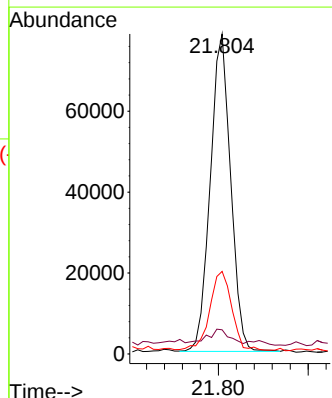
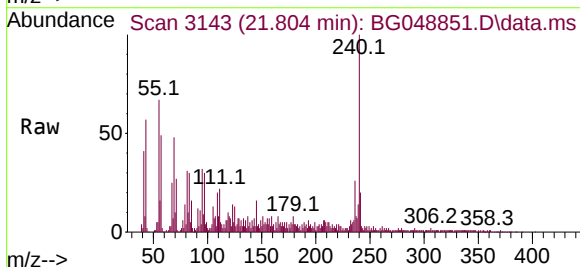
Instrument :
BNA_G
ClientSampleId :
339

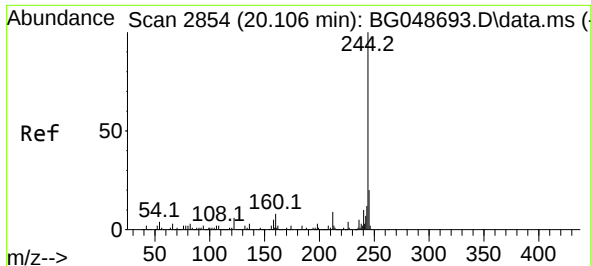
Tgt Ion:178 Resp: 45330
Ion Ratio Lower Upper
178 100
176 30.7 16.0 24.0#
179 70.1 14.2 21.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3143
Delta R.T. 0.024 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:240 Resp: 123246
Ion Ratio Lower Upper
240 100
120 7.5 4.2 6.2#
236 25.8 21.8 32.6

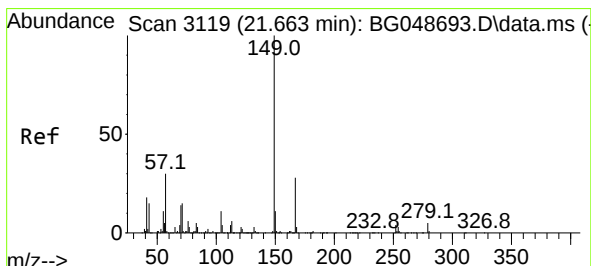
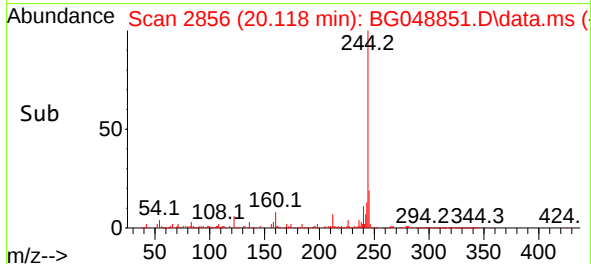
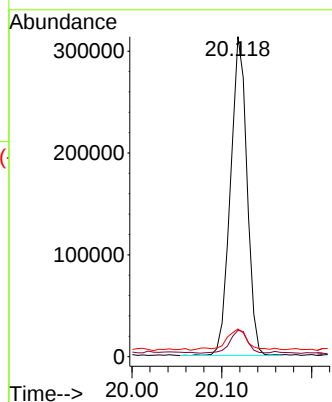
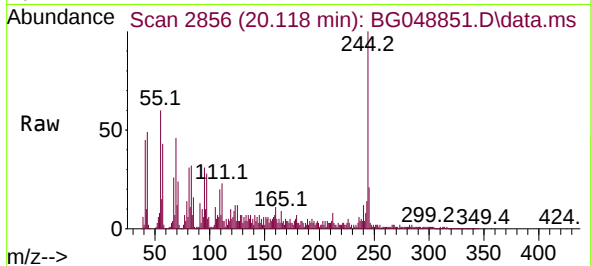




#79
 Terphenyl-d14
 Concen: 55.95 ng
 RT: 20.118 min Scan# 2856
 Delta R.T. 0.024 min
 Lab File: BG048851.D
 Acq: 22 Apr 2021 17:43

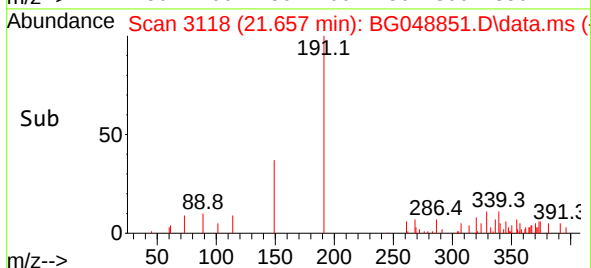
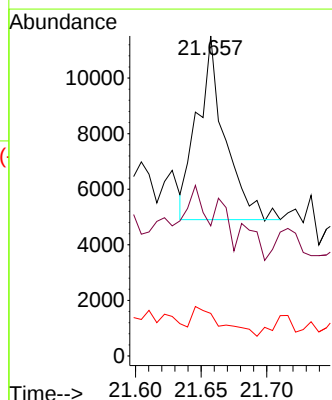
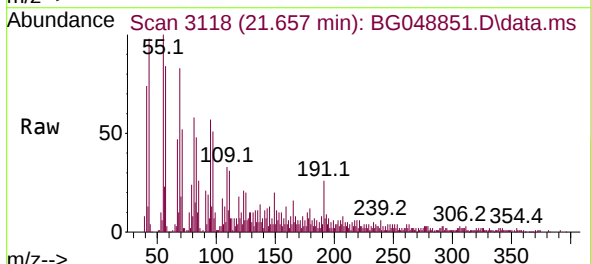
Instrument :
 BNA_G
 ClientSampleId :
 339

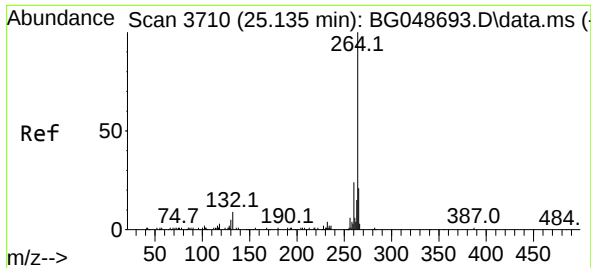
Tgt Ion:244 Resp: 400613
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 8.6 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.05 ng
 RT: 21.657 min Scan# 3118
 Delta R.T. 0.012 min
 Lab File: BG048851.D
 Acq: 22 Apr 2021 17:43

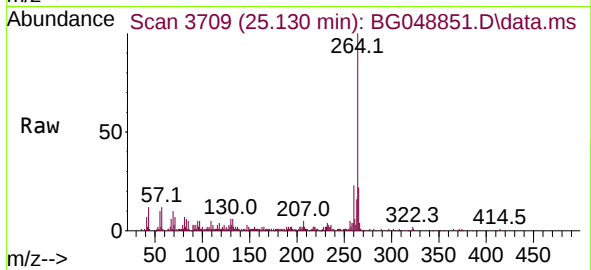
Tgt Ion:149 Resp: 9584
 Ion Ratio Lower Upper
 149 100
 167 40.7 22.3 33.5#
 279 13.3 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. 0.018 min
 Lab File: BG048851.D
 Acq: 22 Apr 2021 17:43

Instrument :
 BNA_G
 ClientSampleId :
 339



Tgt Ion:	264	Resp:	125202
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.4	29.2
265	21.8	16.9	25.3

