

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048561.D
 Acq On : 2 Apr 2021 2:33
 Operator : CG/JU
 Sample : M1883-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V-211

Quant Time: Apr 02 04:19:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	27421	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	107798	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	76300	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	130209	20.00	ng	# 0.00
76) Chrysene-d12	21.834	240	154373	20.00	ng	# 0.03
86) Perylene-d12	25.283	264	154546	20.00	ng	# 0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	127016	81.78	ng	0.00
7) Phenol-d6	7.251	99	160167	71.11	ng	0.00
23) Nitrobenzene-d5	9.272	82	123984	55.68	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	67181	66.98	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	262358	51.11	ng	0.00
79) Terphenyl-d14	20.124	244	396568	46.98	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.245	77	43079	29.92	ng	# 1
14) 1,2-Dichlorobenzene	8.468	146	19711	10.32	ng	95
15) Benzyl Alcohol	8.327	79	12871	6.98	ng	# 63
18) Hexachloroethane	9.225	117	130049	175.55	ng	# 1
19) n-Nitroso-di-n-propyla...	8.873	70	16380	10.55	ng	# 29
22) Acetophenone	8.914	105	168897	60.77	ng	# 54
24) Nitrobenzene	9.308	77	19420	8.89	ng	# 27
25) Isophorone	9.854	82	32494	7.90	ng	# 1
26) 2-Nitrophenol	10.054	139	4541	4.52	ng	# 1
28) bis(2-Chloroethoxy)met...	10.342	93	14573	7.73	ng	# 1
31) Naphthalene	10.994	128	1206860	217.74	ng	# 93
33) 4-Chloroaniline	11.053	127	10061	4.30	ng	# 1
35) Caprolactam	11.852	113	15221	23.32	ng	# 1
37) 2-Methylnaphthalene	12.610	142	1820667	412.62	ng	96
38) 1-Methylnaphthalene	12.821	142	1044564	248.22	ng	# 100
46) 1,1'-Biphenyl	13.591	154	125157	22.45	ng	98
49) Acenaphthylene	14.484	152	34748	5.22	ng	# 51
51) 2,6-Dinitrotoluene	14.320	165	3678	2.84	ng	# 1
52) Acenaphthene	14.825	154	22538	4.68	ng	93
53) 3-Nitroaniline	14.672	138	3502	2.76	ng	# 24
55) Dibenzofuran	15.160	168	32428	4.61	ng	# 1
56) 4-Nitrophenol	14.966	139	17937	17.49	ng	# 33
57) 2,4-Dinitrotoluene	15.107	165	6545	3.57	ng	# 46
58) Fluorene	15.806	166	58947	10.01	ng	# 99
66) n-Nitrosodiphenylamine	16.006	169	46800	12.63	ng	# 50
71) Phenanthrene	17.551	178	133624	19.77	ng	99
72) Anthracene	17.551	178	133624	19.84	ng	95
74) Di-n-butylphthalate	18.462	149	27846	3.90	ng	# 88
75) Fluoranthene	19.566	202	105102	12.54	ng	85
78) Pyrene	19.931	202	169436	15.96	ng	# 92
81) Benzo(a)anthracene	21.817	228	67441	6.54	ng	# 67
82) 3,3'-Dichlorobenzidine	21.758	252	8589	2.42	ng	# 1
83) Chrysene	21.887	228	80486	8.18	ng	# 72
84) Bis(2-ethylhexyl)phtha...	21.711	149	134049	24.41	ng	# 85
87) Indeno(1,2,3-cd)pyrene	29.190	276	40581	3.75	ng	# 95
88) Benzo(b)fluoranthene	24.179	252	81042	8.07	ng	# 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

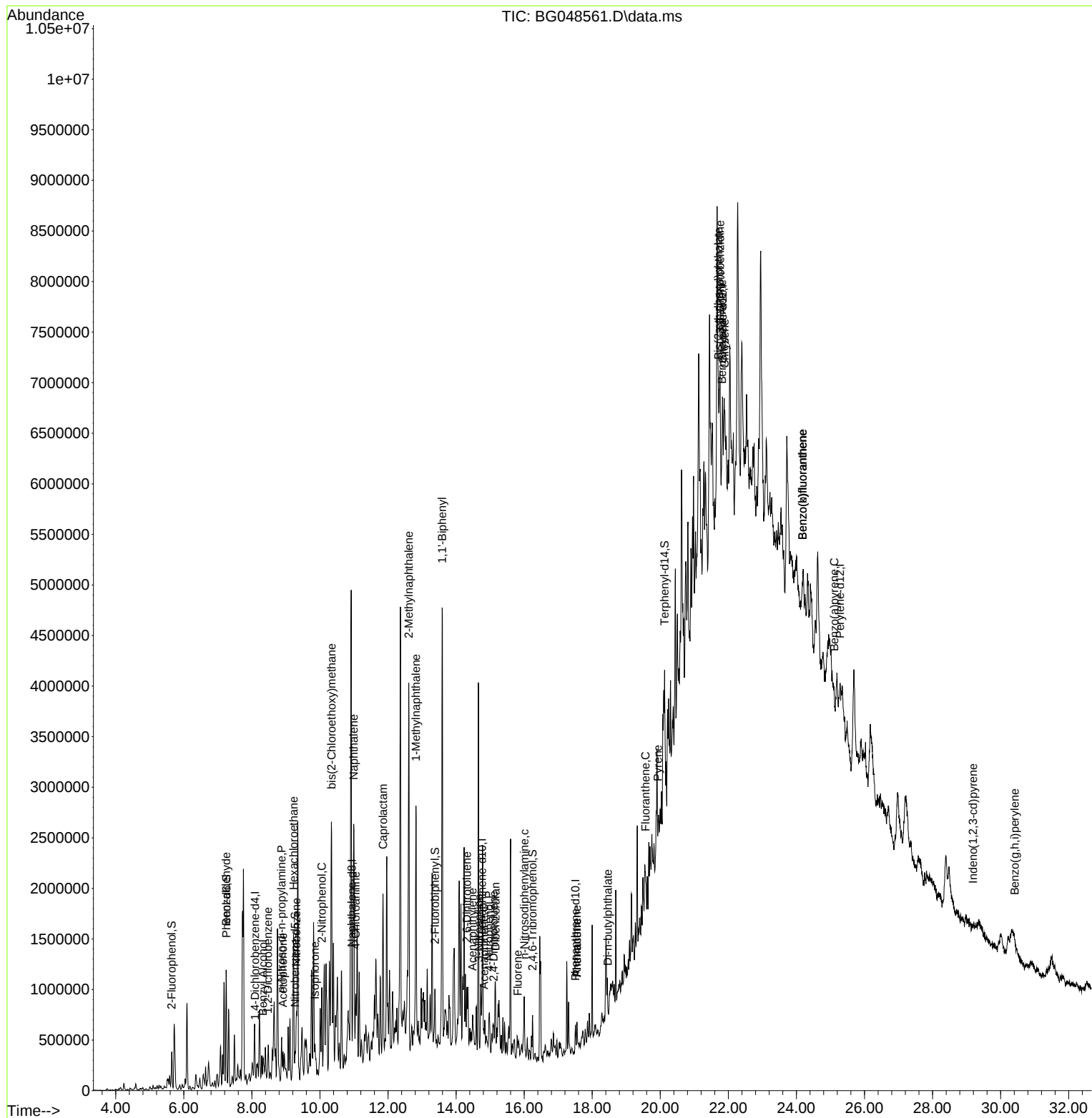
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.179	252	81042	8.40	ng	# 1
90) Benzo(a)pyrene	25.113	252	70454	7.62	ng	# 1
92) Benzo(g,h,i)perylene	30.412	276	55784	6.16	ng	# 59

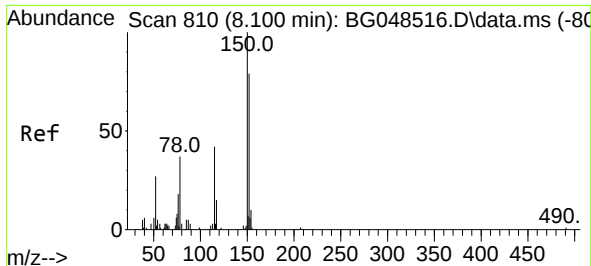
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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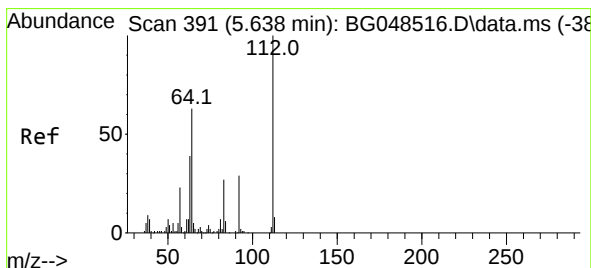
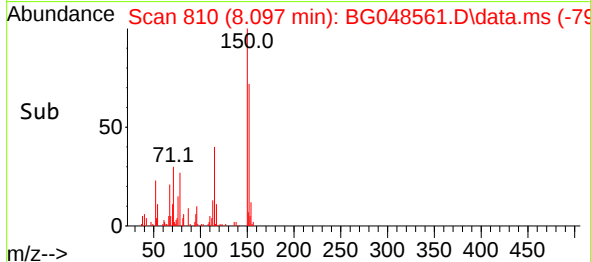
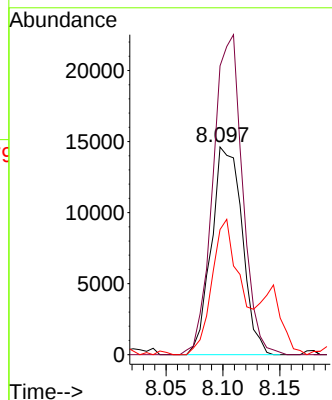
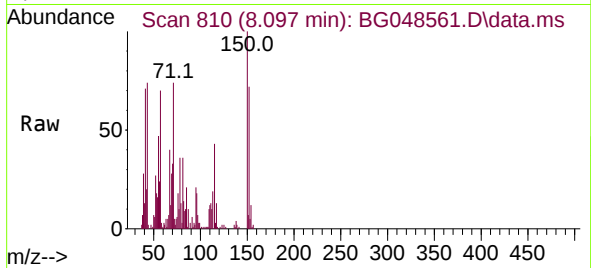




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

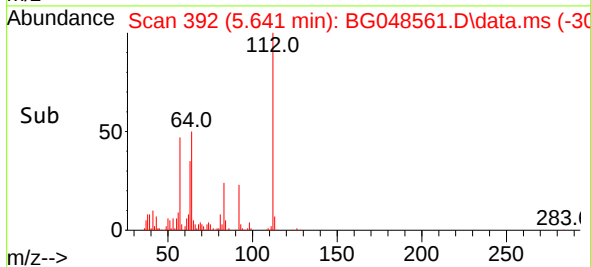
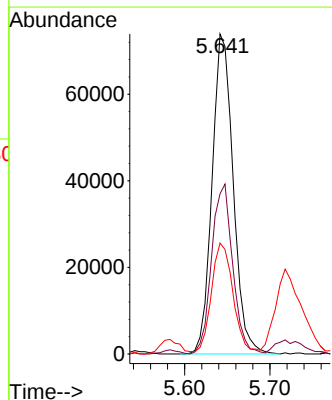
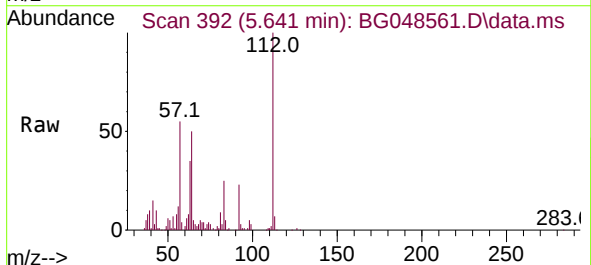
Instrument :
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ClientSampleId :
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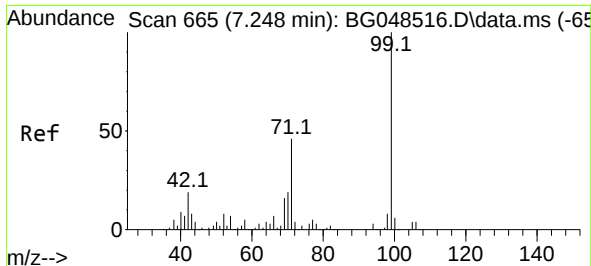
Tgt Ion:152 Resp: 27421
Ion Ratio Lower Upper
152 100
150 139.1 101.3 151.9
115 60.2 42.3 63.5



#5
2-Fluorophenol
Concen: 81.78 ng
RT: 5.641 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:112 Resp: 127016
Ion Ratio Lower Upper
112 100
64 50.1 50.4 75.6#
63 34.7 31.4 47.2

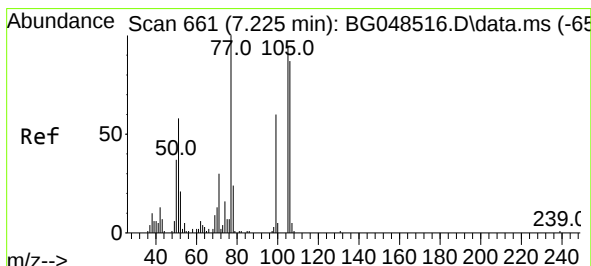
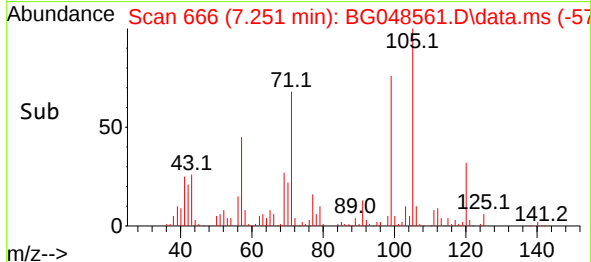
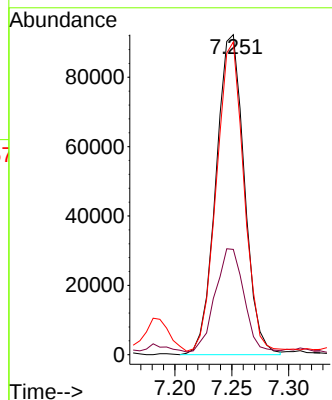
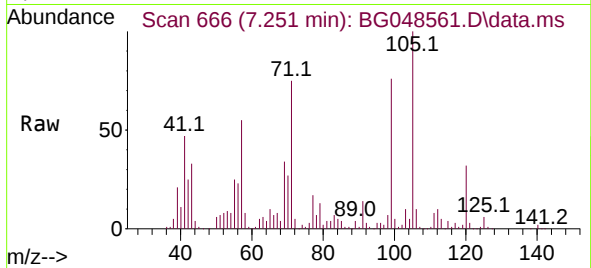




#7
Phenol-d6
Concen: 71.11 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

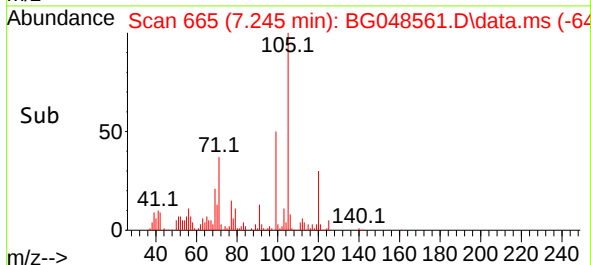
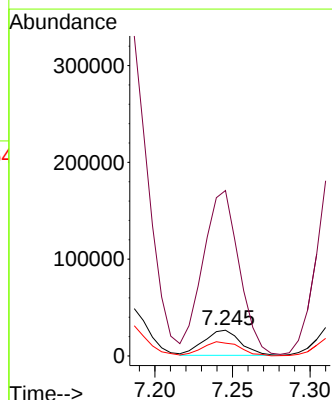
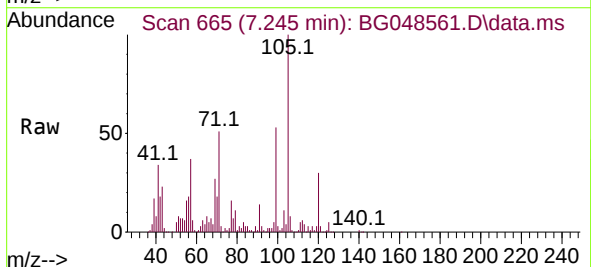
Instrument :
BNA_G
ClientSampleId :
V-211

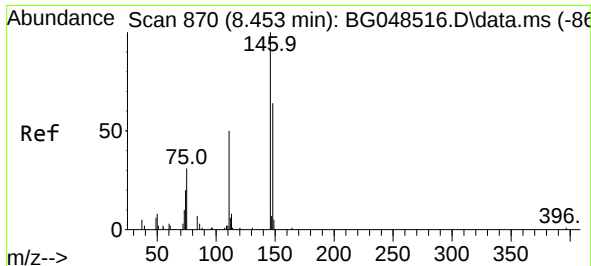
Tgt Ion: 99 Resp: 160167
Ion Ratio Lower Upper
99 100
42 32.9 15.5 23.3#
71 97.7 36.6 54.8#



#9
Benzaldehyde
Concen: 29.92 ng
RT: 7.245 min Scan# 665
Delta R.T. 0.011 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion: 77 Resp: 43079
Ion Ratio Lower Upper
77 100
105 641.9 75.2 115.2#
106 49.8 66.5 106.5#

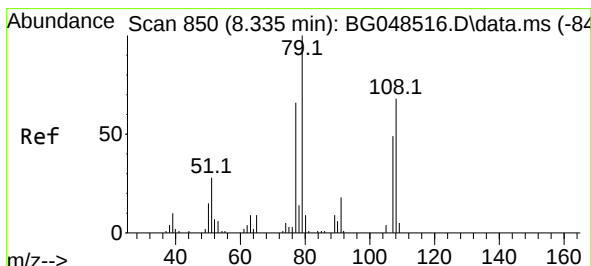
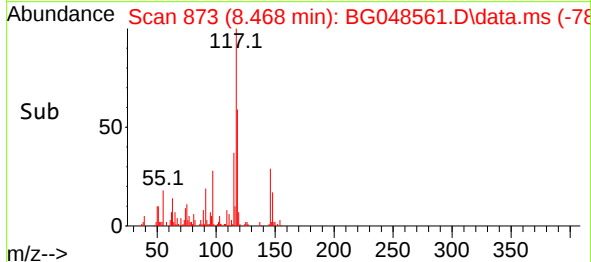
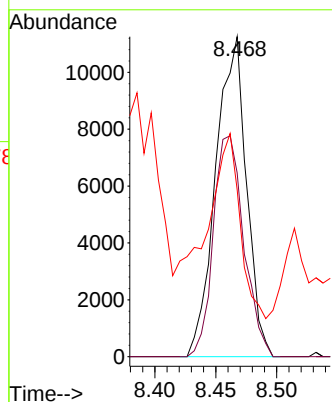
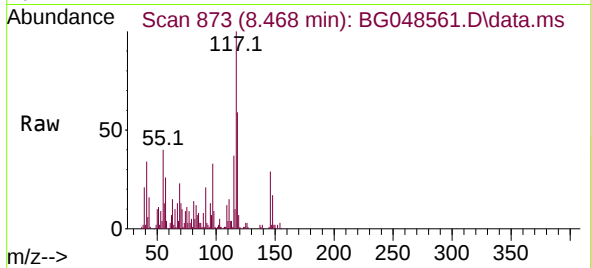




#14
1,2-Dichlorobenzene
Concen: 10.32 ng
RT: 8.468 min Scan# 873
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

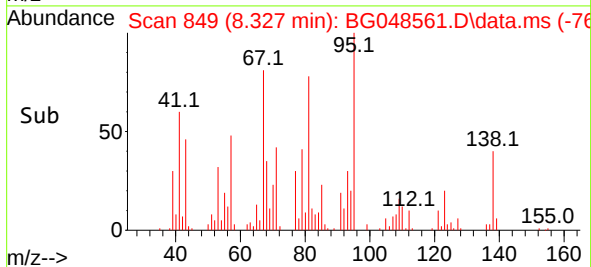
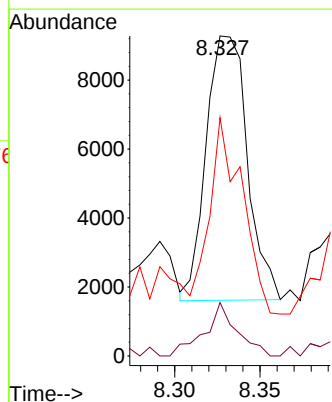
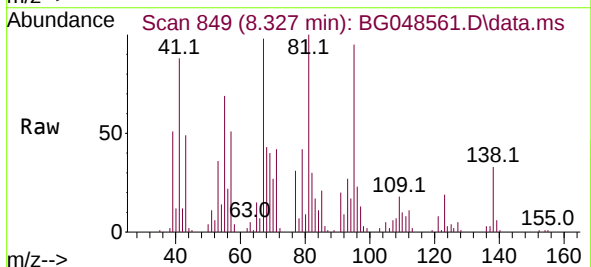
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ClientSampleId :
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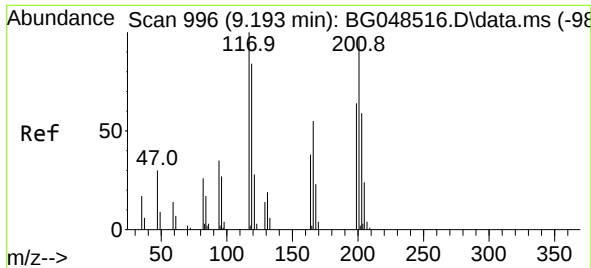
Tgt Ion:146 Resp: 19711
Ion Ratio Lower Upper
146 100
148 57.4 51.5 77.3
111 52.2 41.8 62.8



#15
Benzyl Alcohol
Concen: 6.98 ng
RT: 8.327 min Scan# 849
Delta R.T. -0.012 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion: 79 Resp: 12871
Ion Ratio Lower Upper
79 100
108 16.7 54.1 81.1#
77 74.5 52.6 79.0

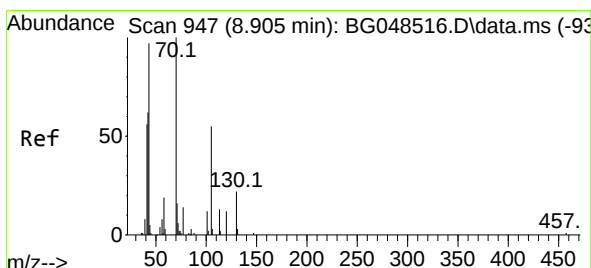
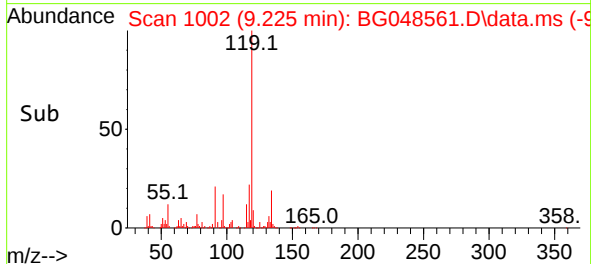
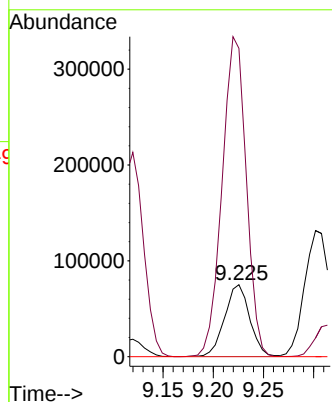
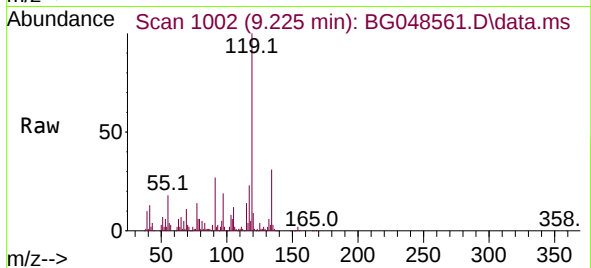




#18
Hexachloroethane
Concen: 175.55 ng
RT: 9.225 min Scan# 1002
Delta R.T. 0.029 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

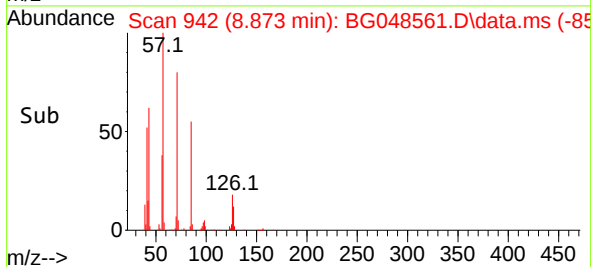
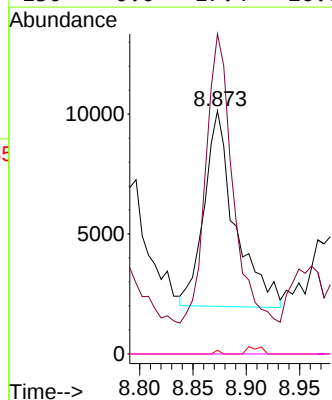
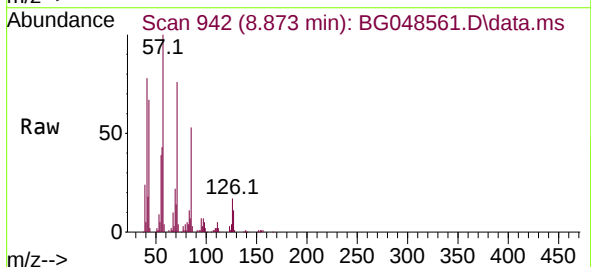
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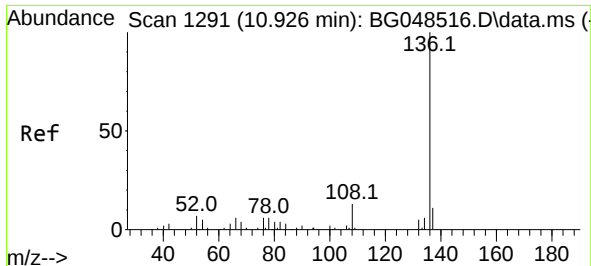
Tgt Ion:117 Resp: 130049
Ion Ratio Lower Upper
117 100
119 428.6 67.0 100.6#
201 0.0 79.8 119.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.55 ng
RT: 8.873 min Scan# 942
Delta R.T. -0.036 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion: 70 Resp: 16380
Ion Ratio Lower Upper
70 100
42 131.6 50.8 76.2#
101 1.5 9.7 14.5#
130 0.0 17.4 26.0#

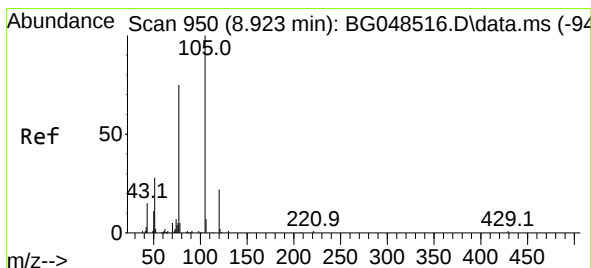
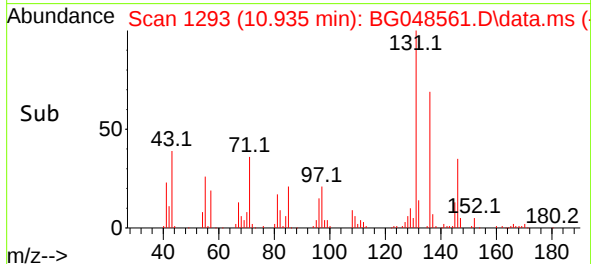
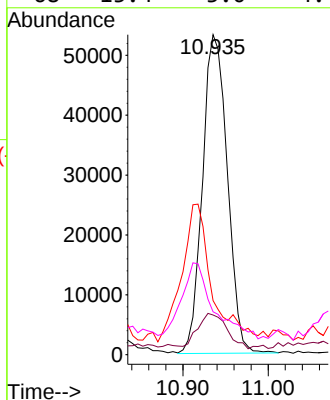
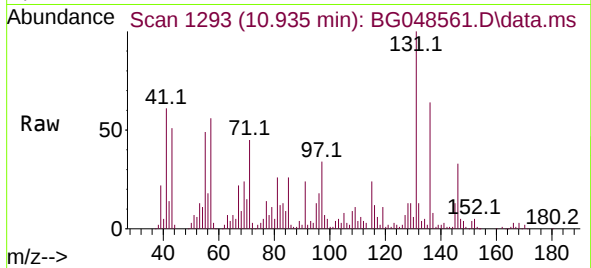




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

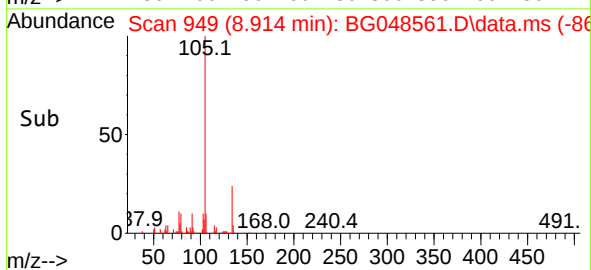
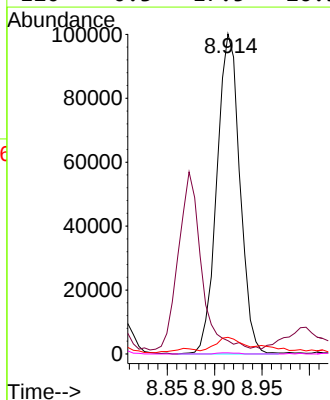
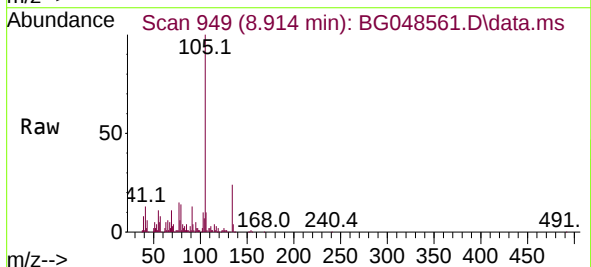
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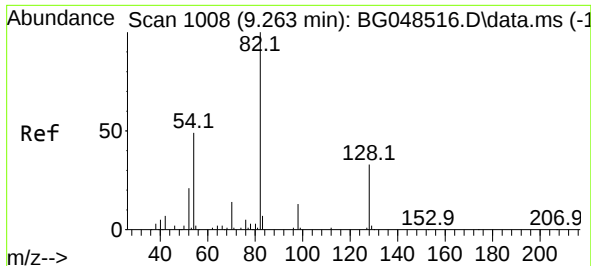
Tgt Ion:	136	Resp:	107798
Ion Ratio	100	Lower	Upper
136	100		
137	12.4	8.6	12.8
54	16.9	4.2	6.4#
68	13.4	3.0	4.4#



#22
Acetophenone
Concen: 60.77 ng
RT: 8.914 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:	105	Resp:	168897
Ion Ratio	100	Lower	Upper
105	100		
71	4.2	1.1	1.7#
51	5.2	26.1	39.1#
120	0.3	17.5	26.3#

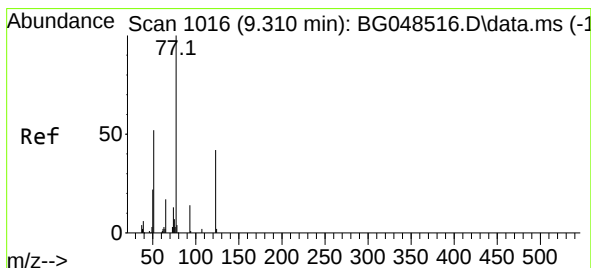
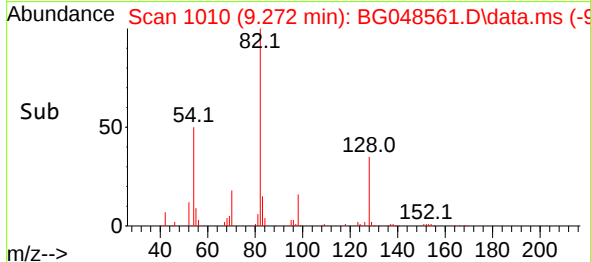
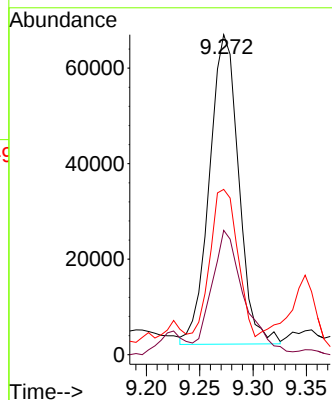
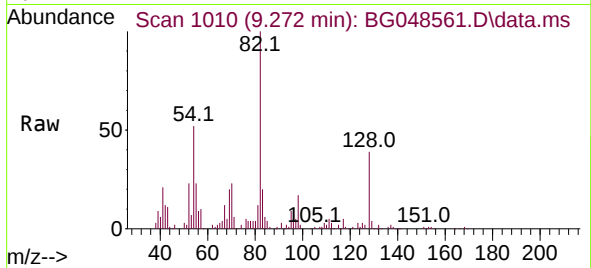




#23
Nitrobenzene-d5
Concen: 55.68 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

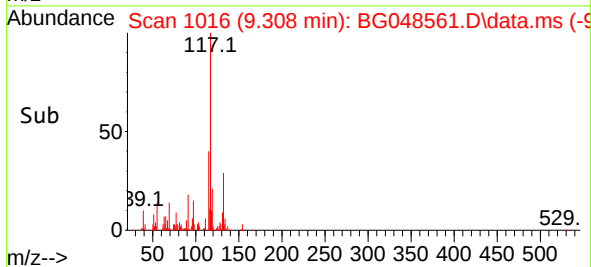
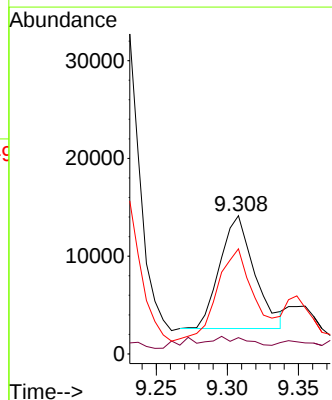
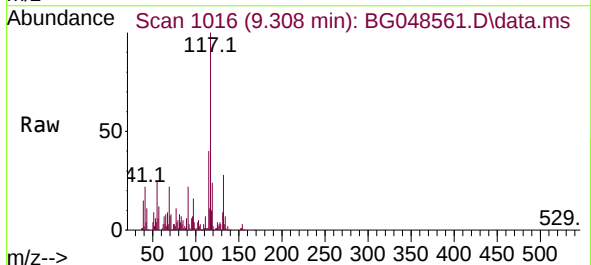
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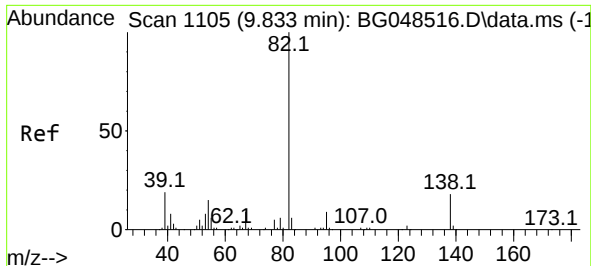
Tgt Ion: 82 Resp: 123984
Ion Ratio Lower Upper
82 100
128 38.8 26.2 39.4
54 51.7 38.9 58.3



#24
Nitrobenzene
Concen: 8.89 ng
RT: 9.308 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG048561.D
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Tgt Ion: 77 Resp: 19420
Ion Ratio Lower Upper
77 100
123 11.8 33.4 50.2#
65 76.1 13.3 19.9#

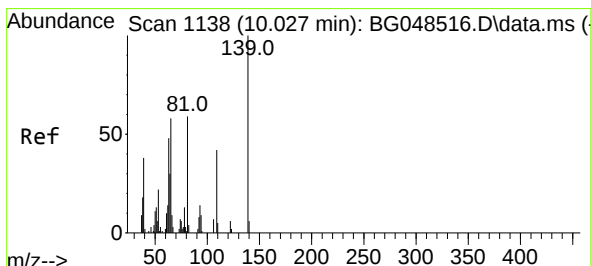
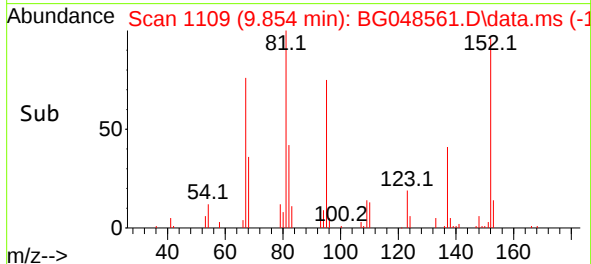
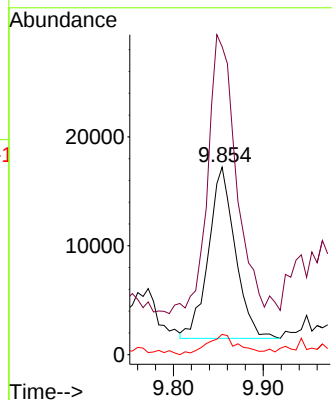
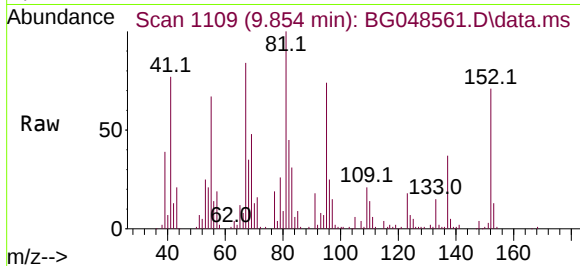




#25
Isophorone
Concen: 7.90 ng
RT: 9.854 min Scan# 1109
Delta R.T. 0.017 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

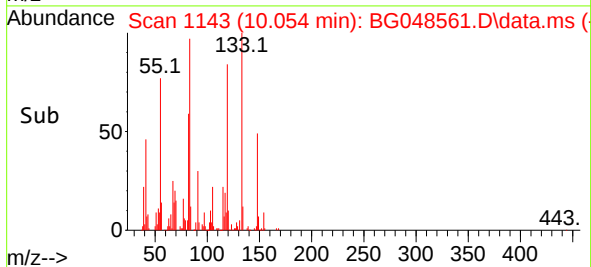
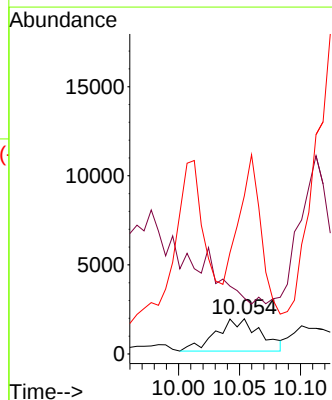
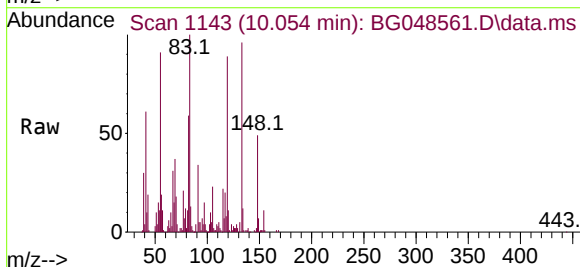
Instrument :
BNA_G
ClientSampled :
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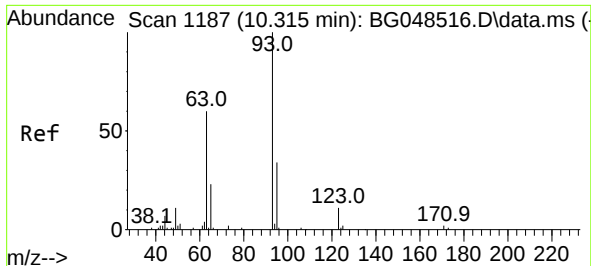
Tgt Ion: 82 Resp: 32494
Ion Ratio Lower Upper
82 100
95 164.2 7.1 10.7#
138 10.8 14.8 22.2#



#26
2-Nitrophenol
Concen: 4.52 ng
RT: 10.054 min Scan# 1143
Delta R.T. 0.023 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion: 139 Resp: 4541
Ion Ratio Lower Upper
139 100
109 158.5 33.7 50.5#
65 449.3 46.8 70.2#

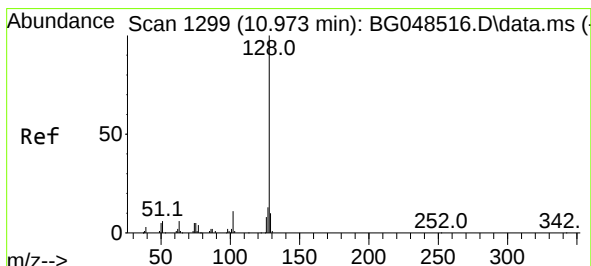
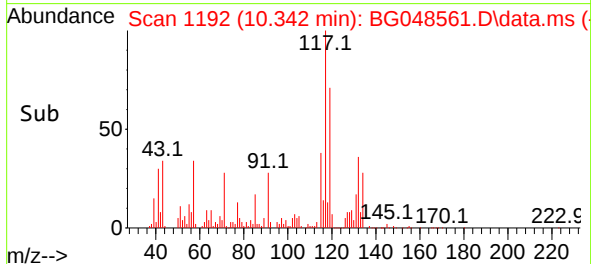
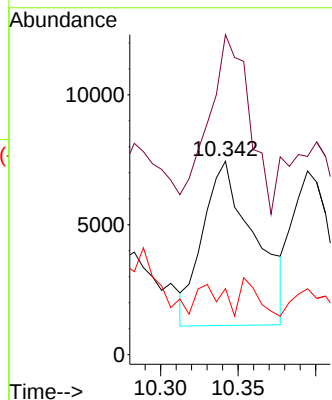
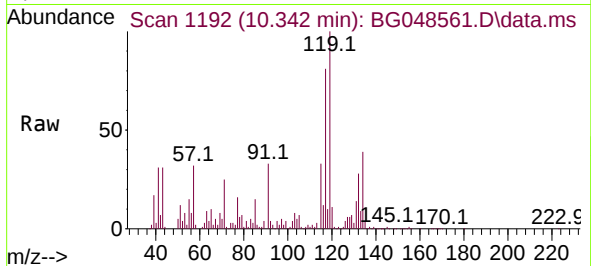




#28
bis(2-Chloroethoxy)methane
Concen: 7.73 ng
RT: 10.342 min Scan# 1192
Delta R.T. 0.017 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

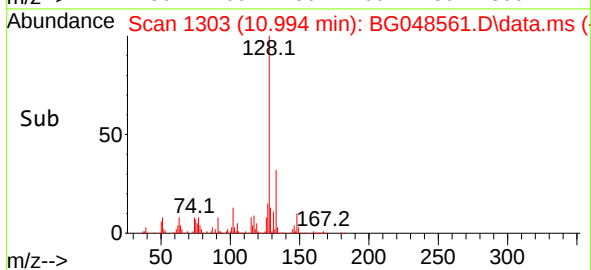
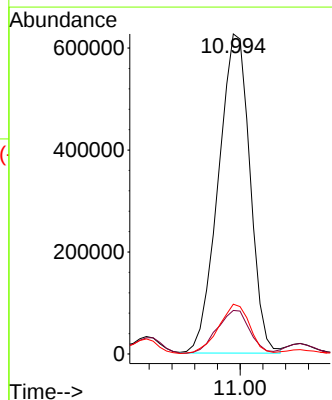
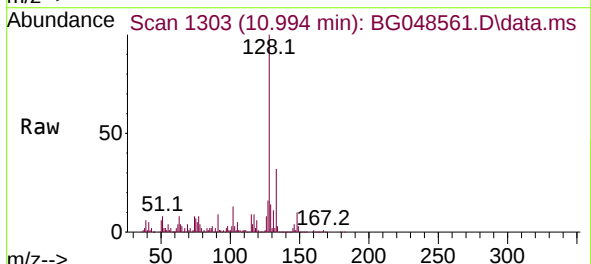
Instrument :
BNA_G
ClientSampleId :
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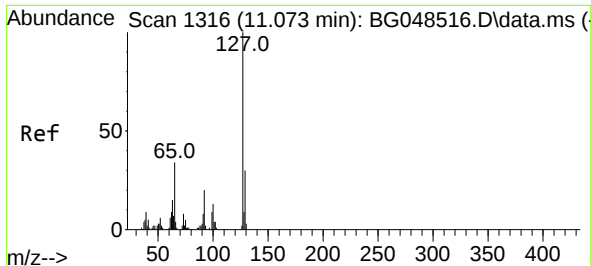
Tgt Ion: 93 Resp: 14573
Ion Ratio Lower Upper
93 100
95 165.4 27.0 40.6#
123 34.2 9.0 13.6#



#31
Naphthalene
Concen: 217.74 ng
RT: 10.994 min Scan# 1303
Delta R.T. 0.011 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:128 Resp: 1206860
Ion Ratio Lower Upper
128 100
129 13.6 8.2 12.2#
127 15.6 10.6 16.0

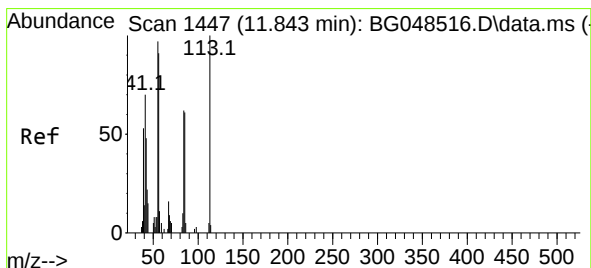
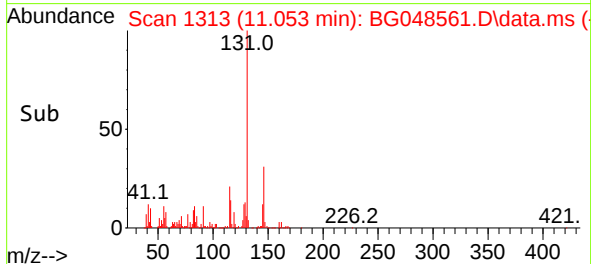
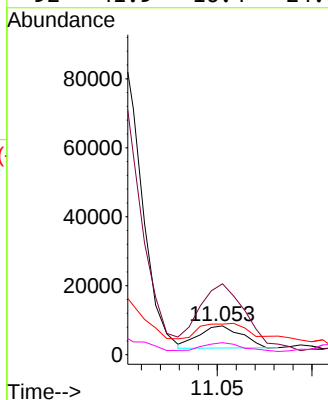
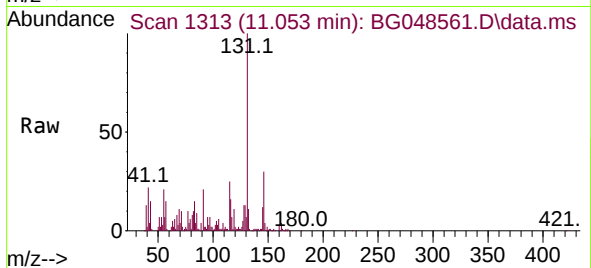




#33
4-Chloroaniline
Concen: 4.30 ng
RT: 11.053 min Scan# 1313
Delta R.T. -0.030 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

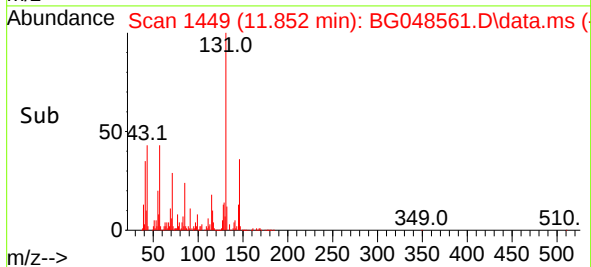
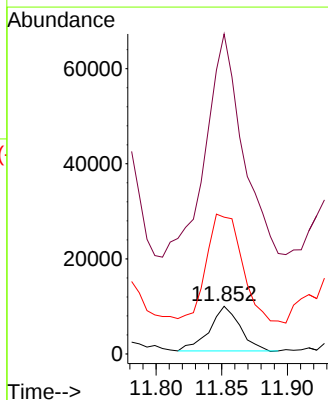
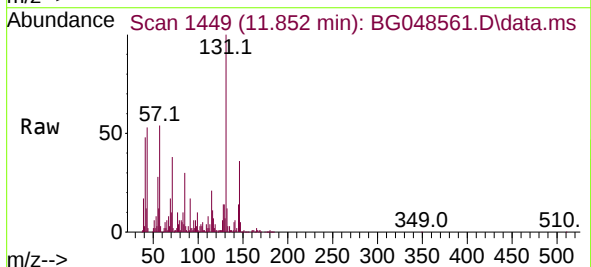
Instrument :
BNA_G
ClientSampled :
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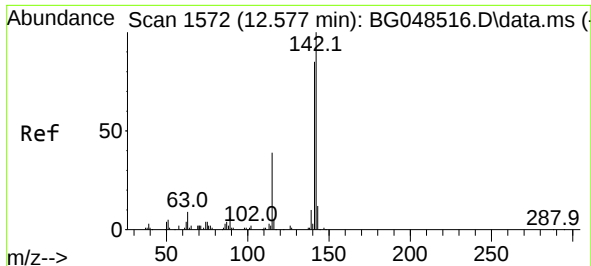
Tgt Ion:	127	Resp:	10061
Ion Ratio	Lower	Upper	
127	100		
129	246.2	24.3	36.5#
65	106.2	27.0	40.4#
92	41.9	16.4	24.6#



#35
Caprolactam
Concen: 23.32 ng
RT: 11.852 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:	113	Resp:	15221
Ion Ratio	Lower	Upper	
113	100		
55	669.8	76.8	116.8#
56	286.5	71.1	111.1#

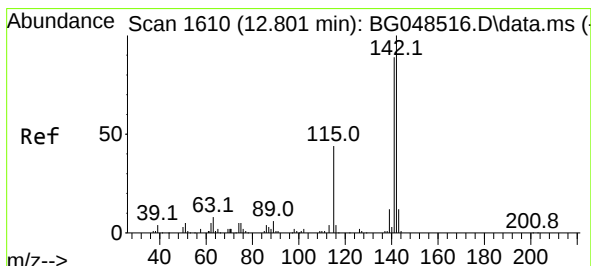
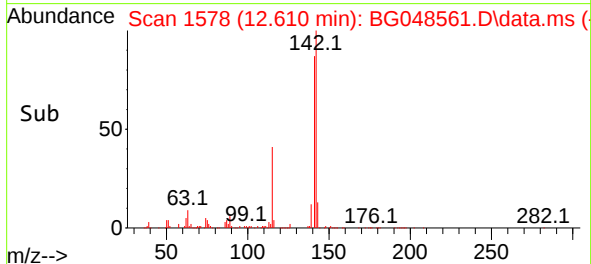
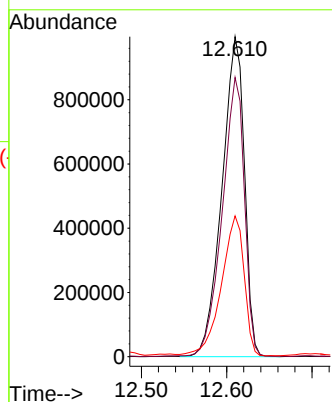
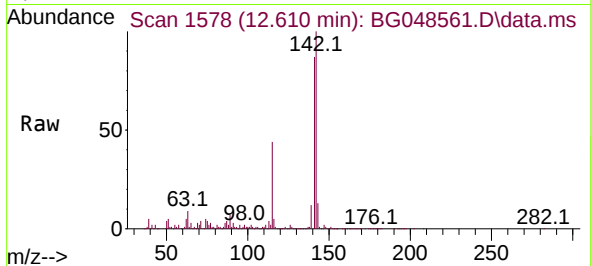




#37
2-Methylnaphthalene
Concen: 412.62 ng
RT: 12.610 min Scan# 1578
Delta R.T. 0.029 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

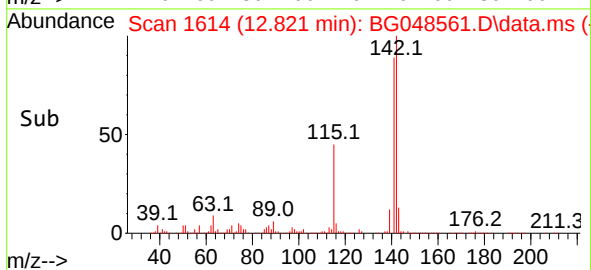
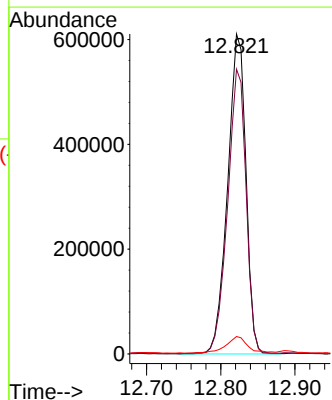
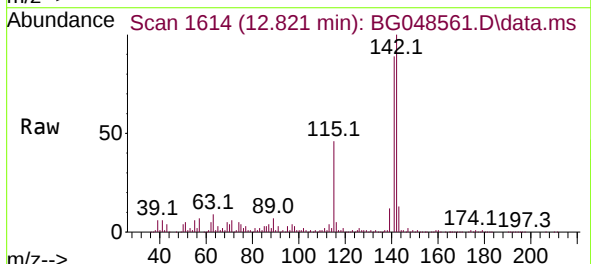
Instrument :
BNA_G
ClientSampled :
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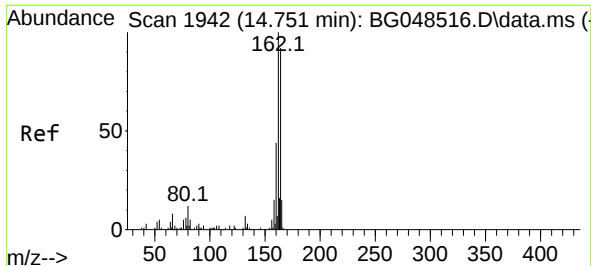
Tgt Ion:142 Resp: 1820667
Ion Ratio Lower Upper
142 100
141 87.3 68.2 102.4
115 44.0 30.8 46.2



#38
1-Methylnaphthalene
Concen: 248.22 ng
RT: 12.821 min Scan# 1614
Delta R.T. 0.017 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:142 Resp: 1044564
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
116 5.4 3.4 5.0#

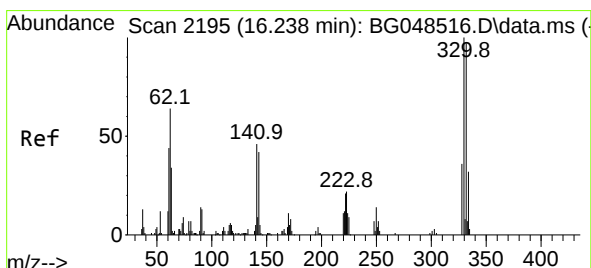
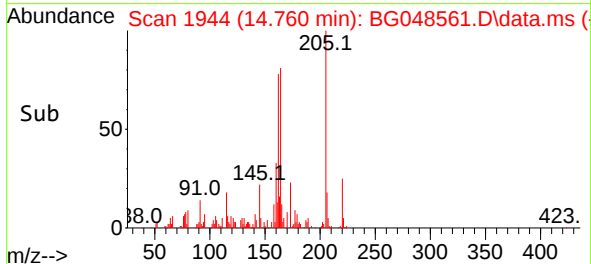
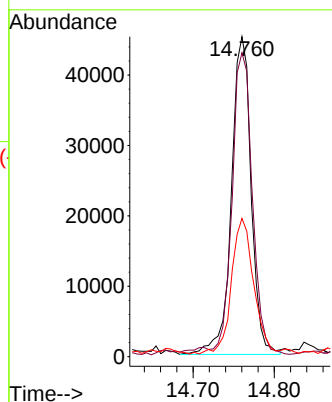
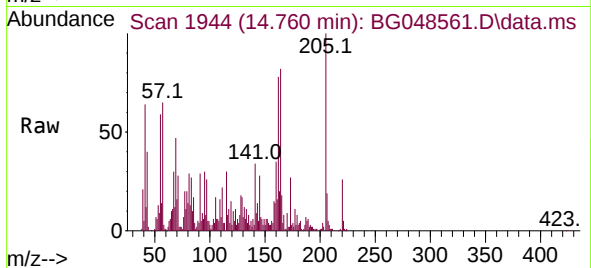




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.760 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

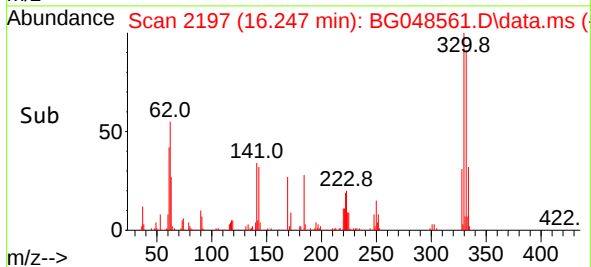
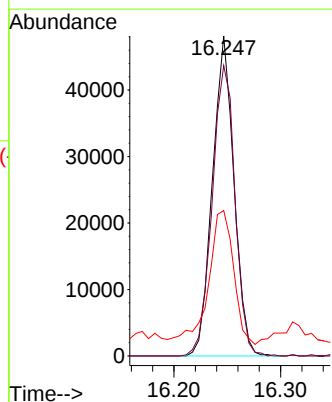
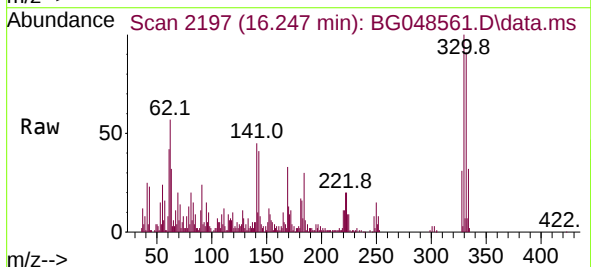
Instrument :
BNA_G
ClientSampleId :
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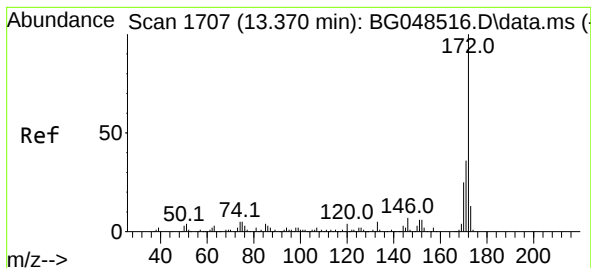
Tgt Ion:164 Resp: 76300
Ion Ratio Lower Upper
164 100
162 94.9 87.0 130.6
160 43.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 66.98 ng
RT: 16.247 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:330 Resp: 67181
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 49.1 34.6 52.0

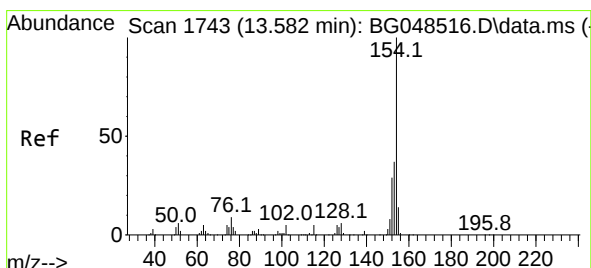
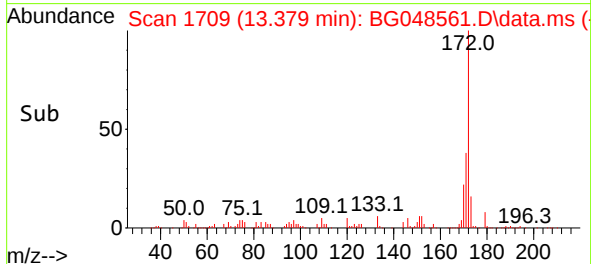
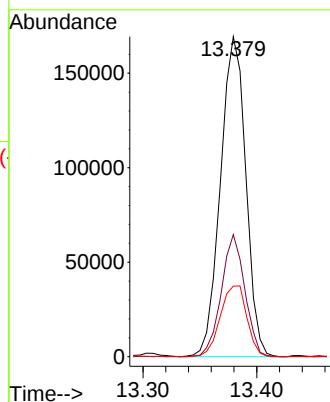
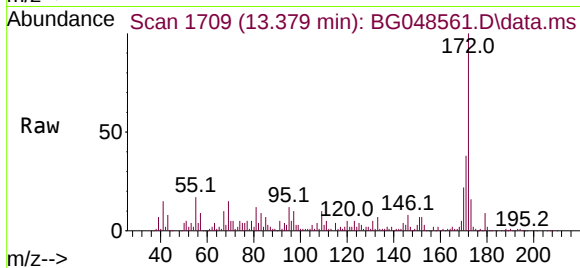




#45
2-Fluorobiphenyl
Concen: 51.11 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

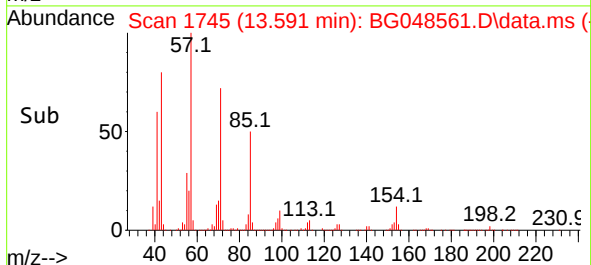
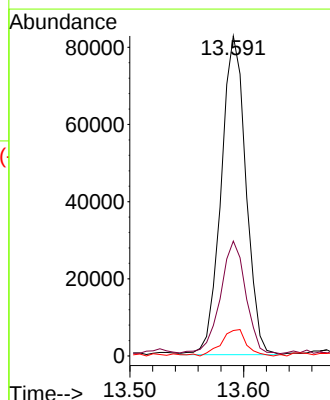
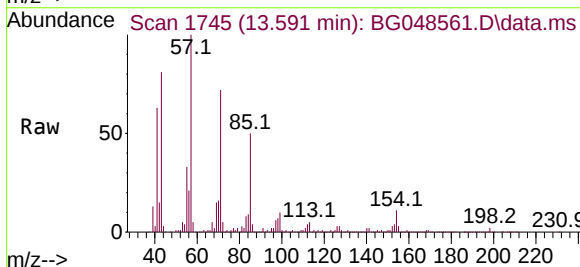
Instrument :
BNA_G
ClientSampled :
V-211

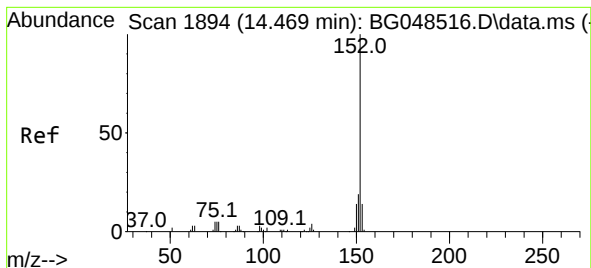
Tgt Ion:172 Resp: 262358
Ion Ratio Lower Upper
172 100
171 38.2 28.5 42.7
170 22.0 19.8 29.6



#46
1,1'-Biphenyl
Concen: 22.45 ng
RT: 13.591 min Scan# 1745
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:154 Resp: 125157
Ion Ratio Lower Upper
154 100
153 35.9 17.3 57.3
76 7.9 0.0 28.6

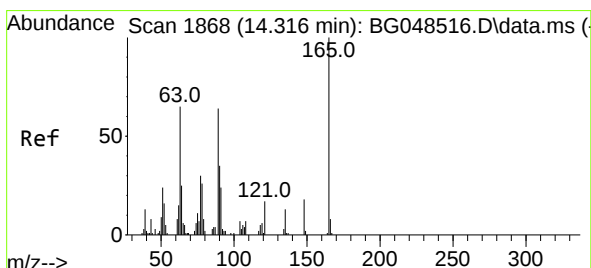
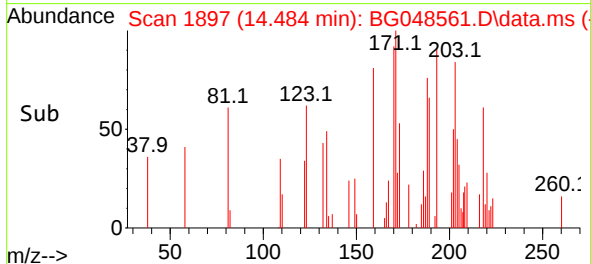
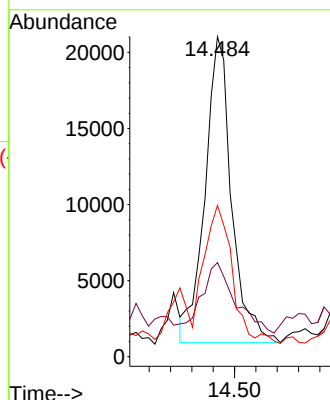
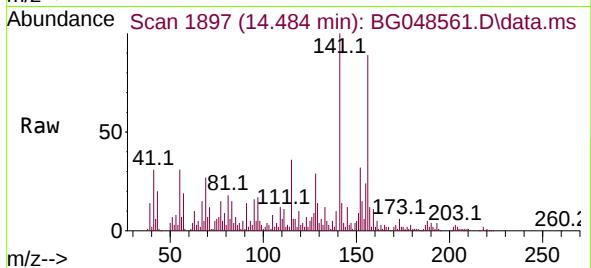




#49
Acenaphthylene
Concen: 5.22 ng
RT: 14.484 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

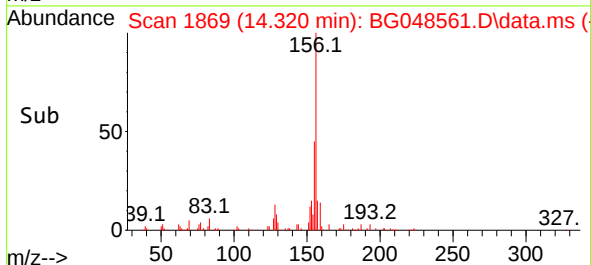
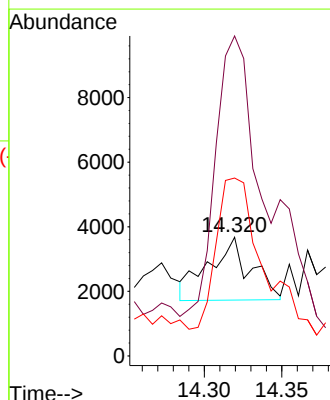
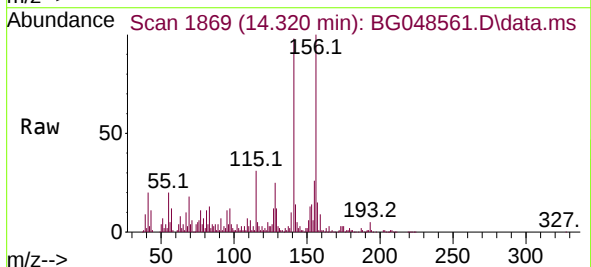
Instrument :
BNA_G
ClientSampled :
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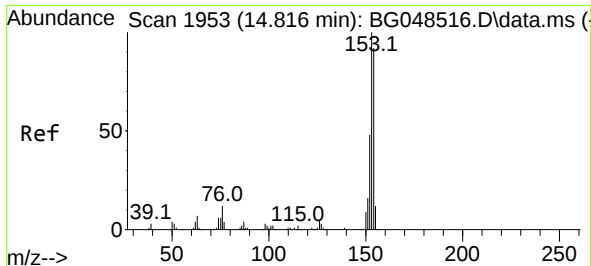
Tgt Ion:152 Resp: 34748
Ion Ratio Lower Upper
152 100
151 29.4 15.0 22.6#
153 47.3 11.0 16.6#



#51
2,6-Dinitrotoluene
Concen: 2.84 ng
RT: 14.320 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:165 Resp: 3678
Ion Ratio Lower Upper
165 100
63 269.7 53.8 80.6#
89 149.9 50.8 76.2#

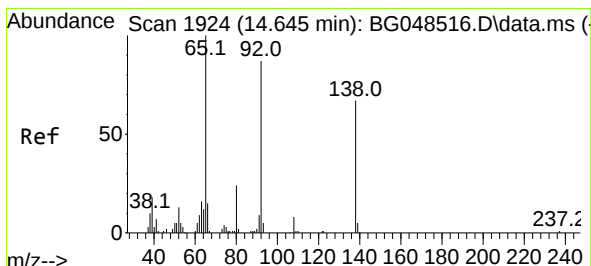
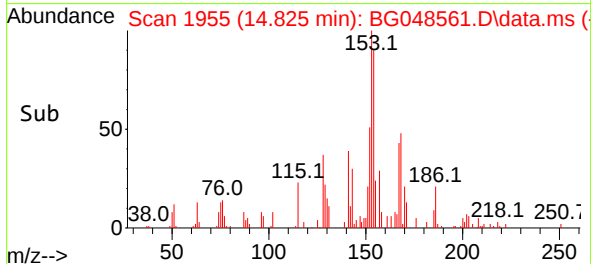
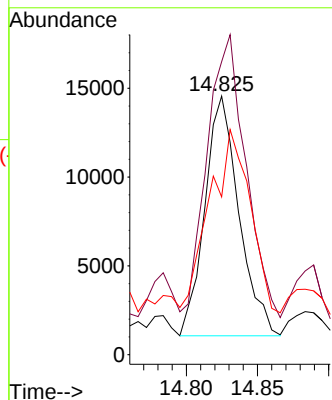
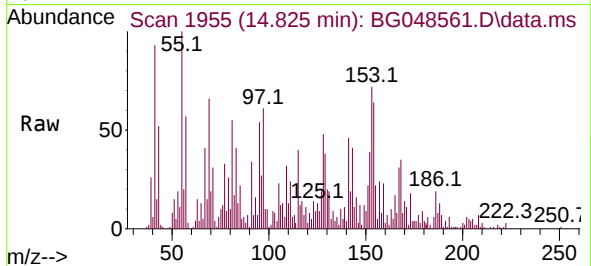




#52
Acenaphthene
Concen: 4.68 ng
RT: 14.825 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

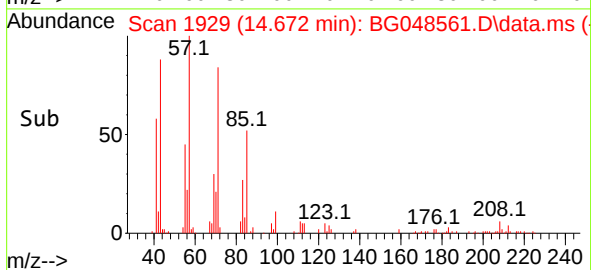
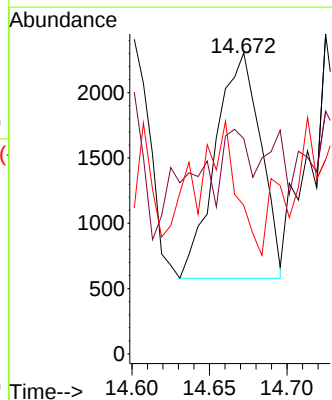
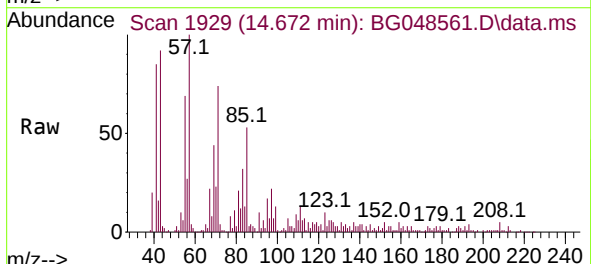
Instrument :
BNA_G
ClientSampled :
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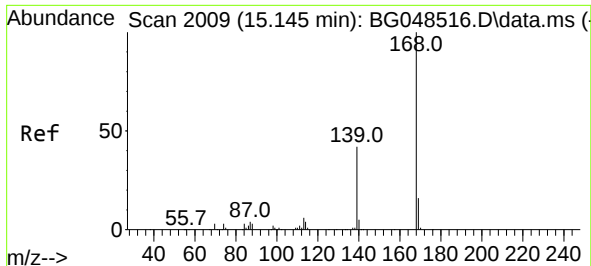
Tgt Ion:154 Resp: 22538
Ion Ratio Lower Upper
154 100
153 113.3 86.6 129.8
152 61.0 41.5 62.3



#53
3-Nitroaniline
Concen: 2.76 ng
RT: 14.672 min Scan# 1929
Delta R.T. 0.017 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:138 Resp: 3502
Ion Ratio Lower Upper
138 100
108 71.5 9.2 13.8#
92 49.3 103.8 155.8#

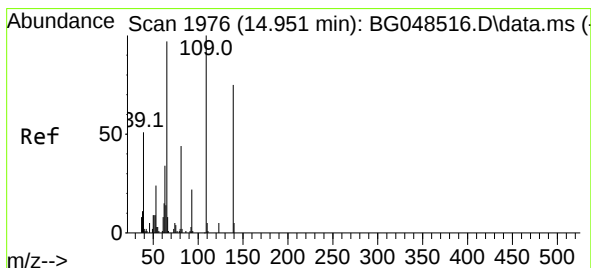
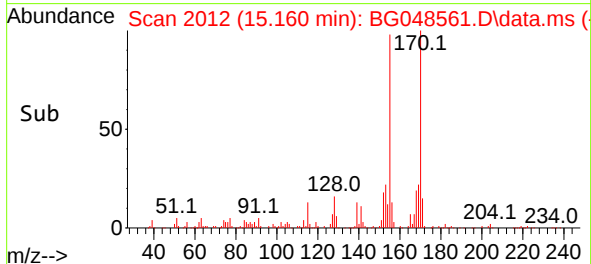
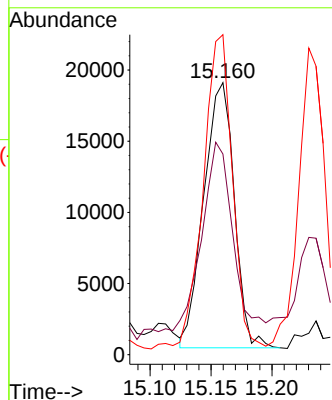
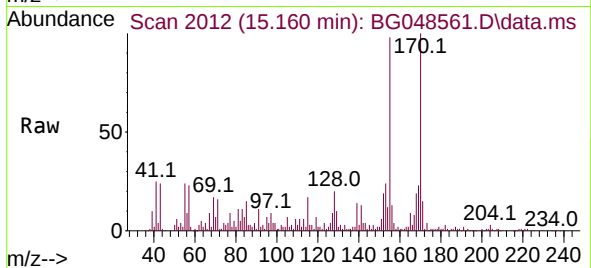




#55
Dibenzofuran
Concen: 4.61 ng
RT: 15.160 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

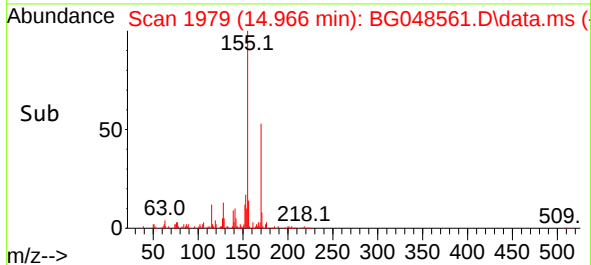
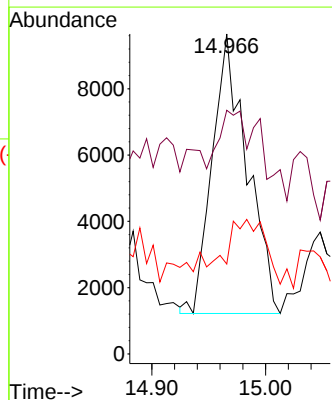
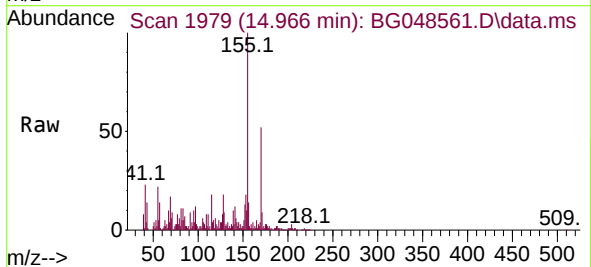
Instrument :
BNA_G
ClientSampleId :
V-211

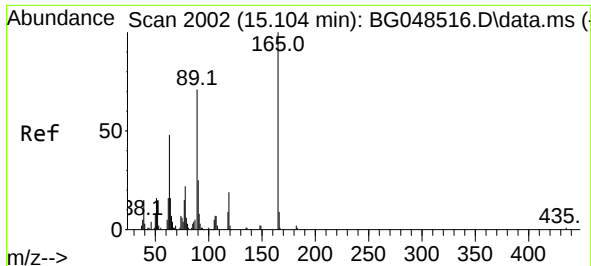
Tgt Ion:168 Resp: 32428
Ion Ratio Lower Upper
168 100
139 73.8 33.7 50.5#
169 117.7 12.5 18.7#



#56
4-Nitrophenol
Concen: 17.49 ng
RT: 14.966 min Scan# 1979
Delta R.T. 0.011 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:139 Resp: 17937
Ion Ratio Lower Upper
139 100
109 76.1 113.0 153.0#
65 28.1 109.4 149.4#

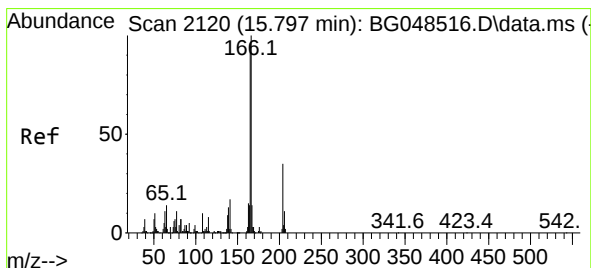
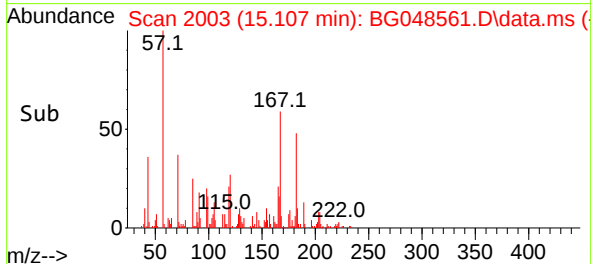
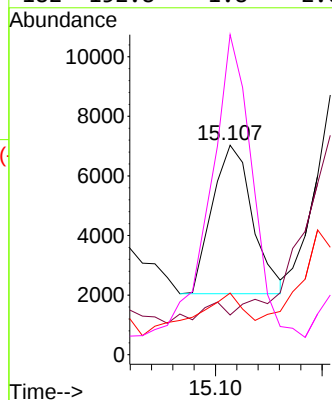
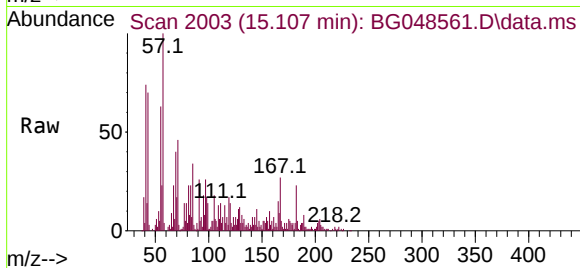




#57
2,4-Dinitrotoluene
Concen: 3.57 ng
RT: 15.107 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

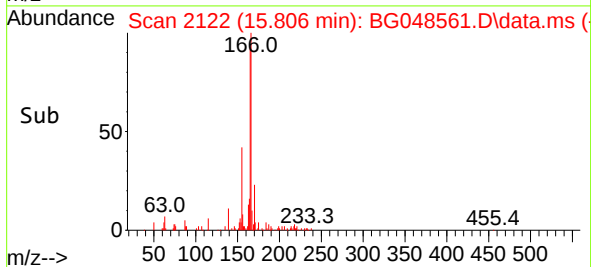
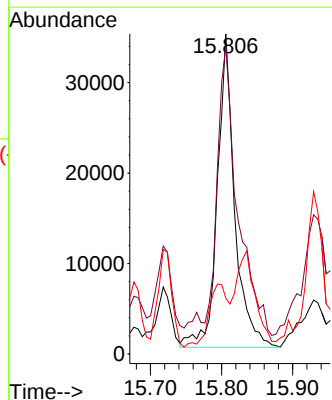
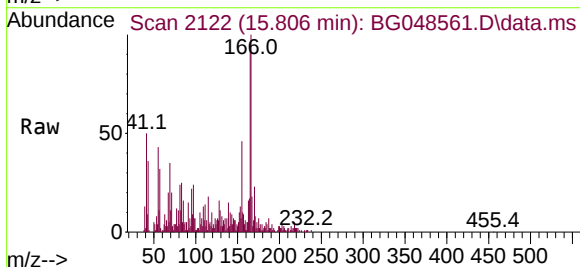
Instrument :
BNA_G
ClientSampled :
V-211

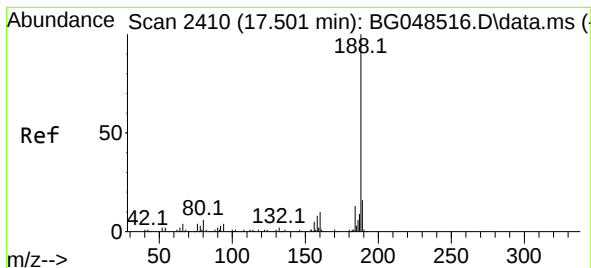
Tgt Ion:165 Resp: 6545
Ion Ratio Lower Upper
165 100
63 19.0 38.3 57.5#
89 29.4 56.5 84.7#
182 152.8 1.8 2.6#



#58
Fluorene
Concen: 10.01 ng
RT: 15.806 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:166 Resp: 58947
Ion Ratio Lower Upper
166 100
165 96.1 76.8 115.2
167 17.5 11.1 16.7#

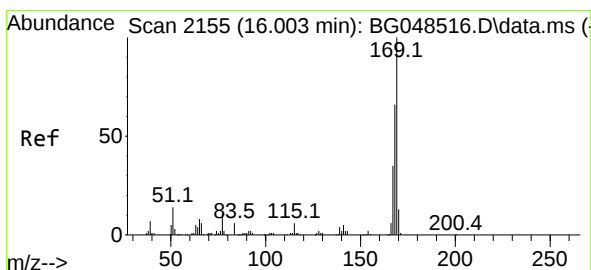
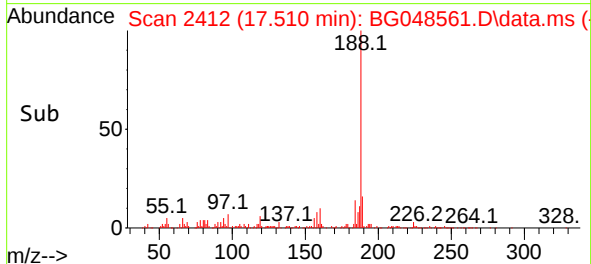
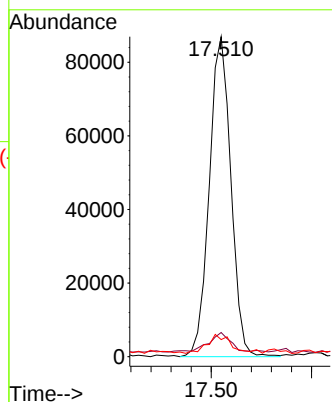
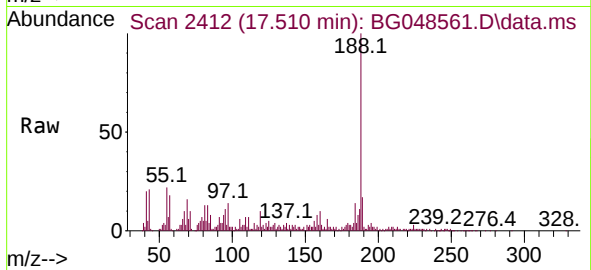




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

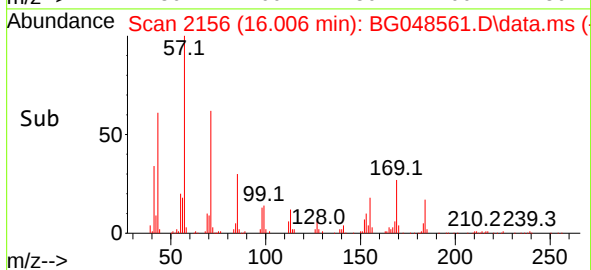
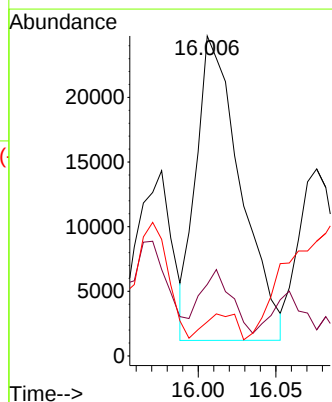
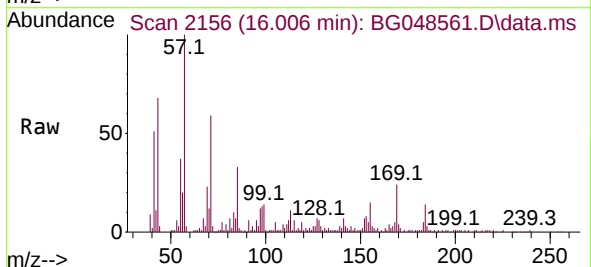
Instrument :
BNA_G
ClientSampleId :
V-211

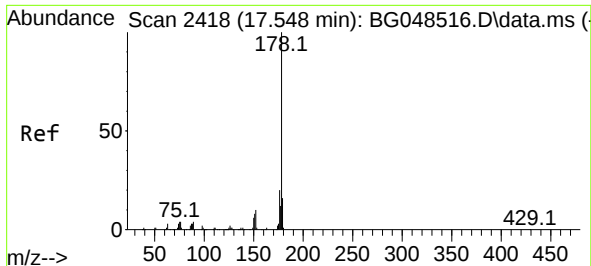
Tgt Ion:188 Resp: 130209
Ion Ratio Lower Upper
188 100
94 7.5 3.0 4.6#
80 5.3 4.5 6.7



#66
n-Nitrosodiphenylamine
Concen: 12.63 ng
RT: 16.006 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:169 Resp: 46800
Ion Ratio Lower Upper
169 100
168 22.3 52.7 79.1#
167 10.6 27.8 41.8#

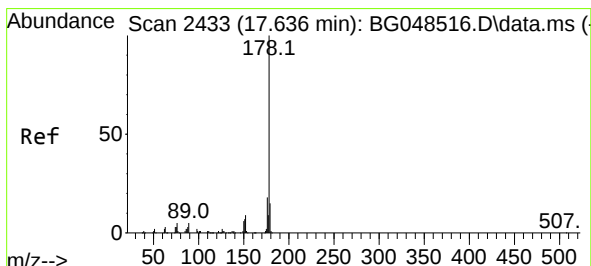
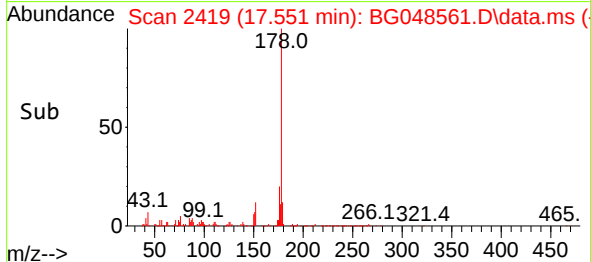
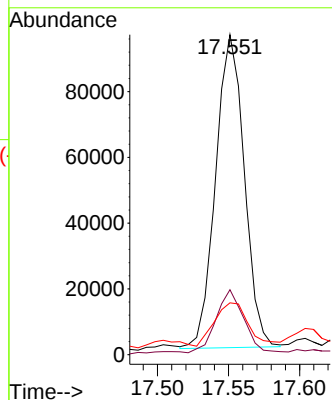
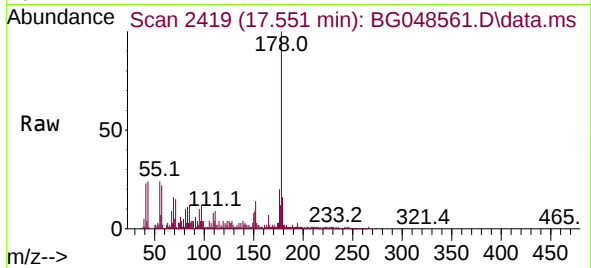




#71
Phenanthrene
Concen: 19.77 ng
RT: 17.551 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

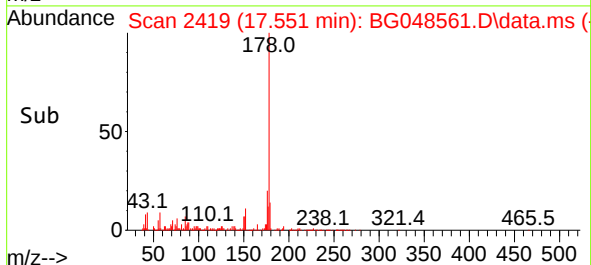
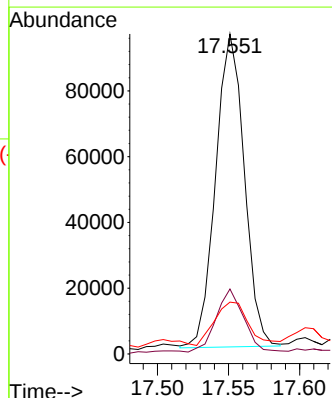
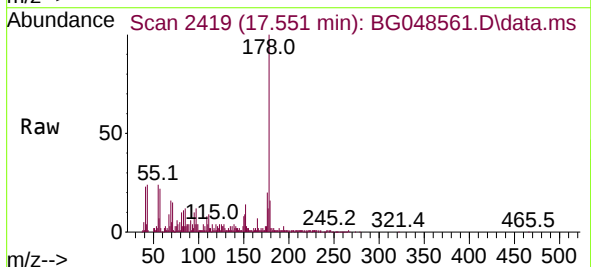
Instrument :
BNA_G
ClientSampled :
V-211

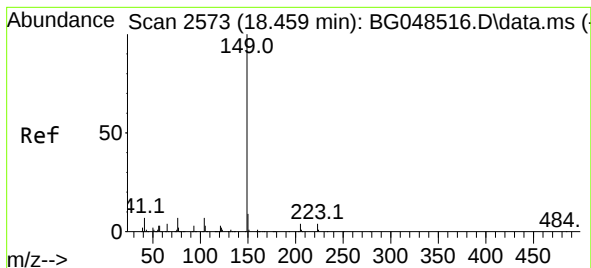
Tgt Ion:178 Resp: 133624
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 16.2 12.9 19.3



#72
Anthracene
Concen: 19.84 ng
RT: 17.551 min Scan# 2419
Delta R.T. -0.088 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:178 Resp: 133624
Ion Ratio Lower Upper
178 100
176 20.3 14.1 21.1
179 16.2 11.9 17.9

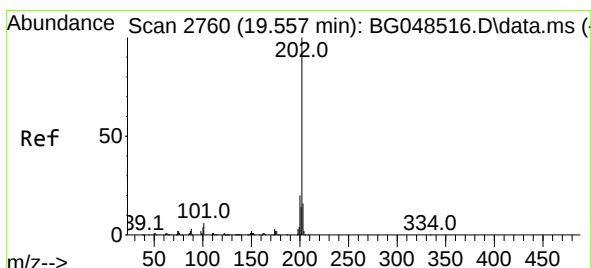
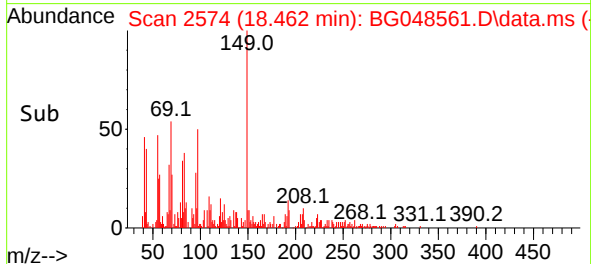
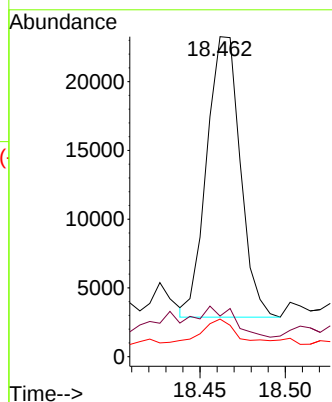
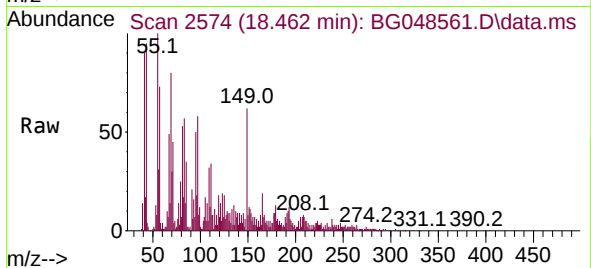




#74
Di-n-butylphthalate
Concen: 3.90 ng
RT: 18.462 min Scan# 2574
Delta R.T. -0.000 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

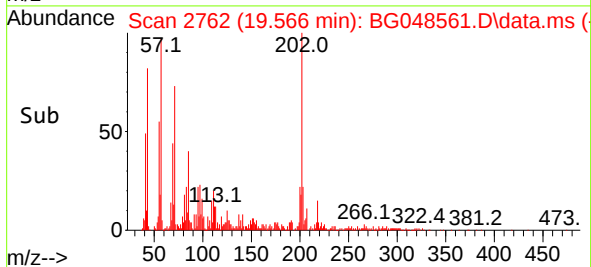
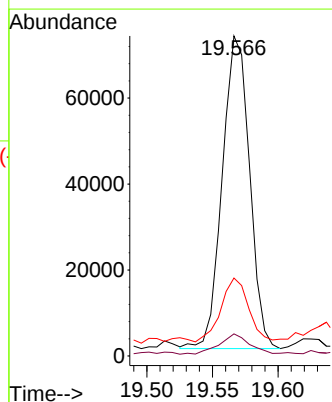
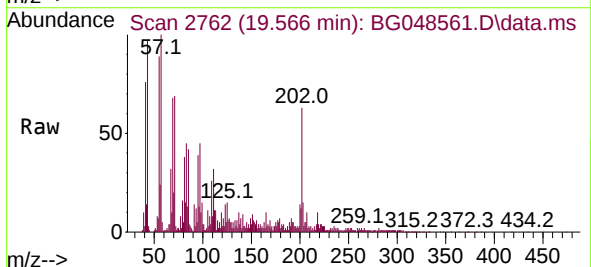
Instrument :
BNA_G
ClientSampled :
V-211

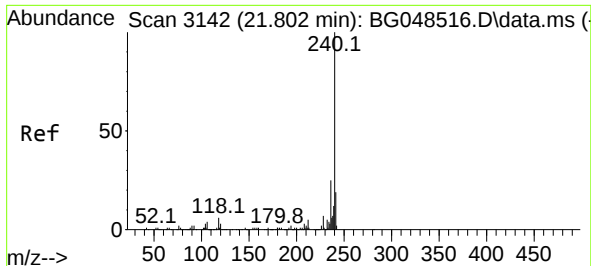
Tgt Ion:149 Resp: 27846
Ion Ratio Lower Upper
149 100
150 12.7 7.0 10.4#
104 11.8 5.9 8.9#



#75
Fluoranthene
Concen: 12.54 ng
RT: 19.566 min Scan# 2762
Delta R.T. 0.006 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:202 Resp: 105102
Ion Ratio Lower Upper
202 100
101 6.9 0.0 25.8
203 24.3 0.0 36.4

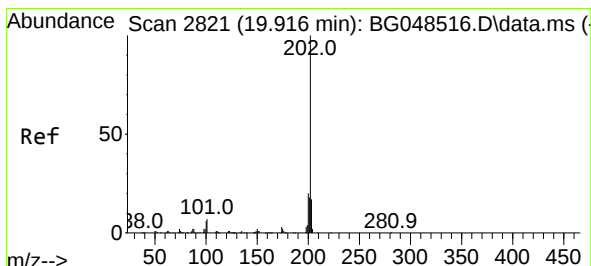
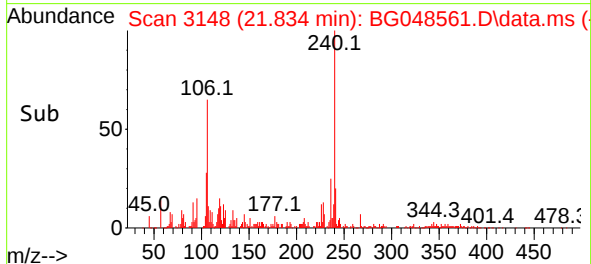
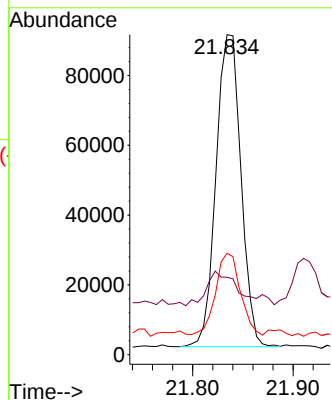
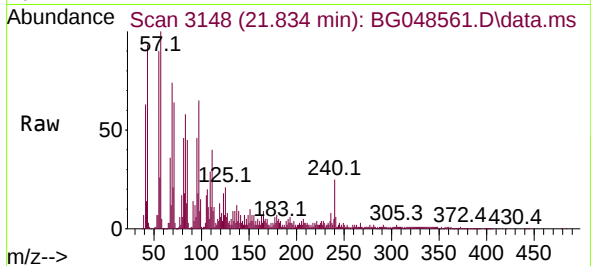




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.834 min Scan# 3148
Delta R.T. 0.029 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

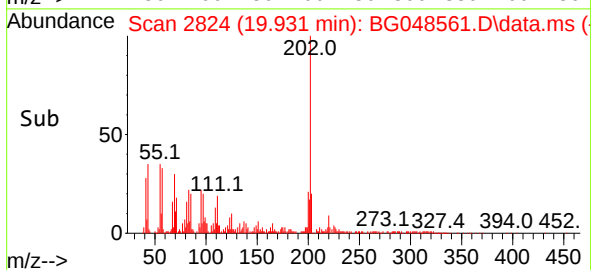
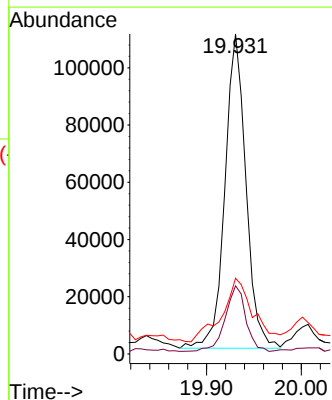
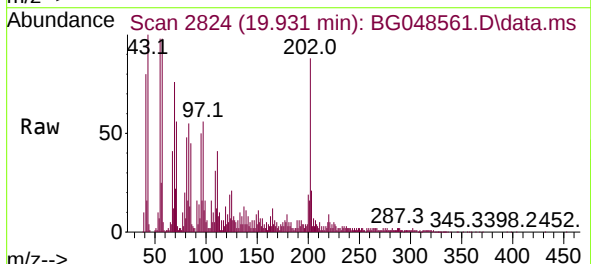
Instrument :
BNA_G
ClientSampleId :
V-211

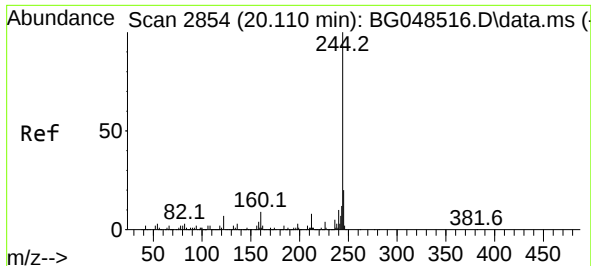
Tgt Ion:240 Resp: 154373
Ion Ratio Lower Upper
240 100
120 24.2 2.6 3.8#
236 31.7 19.8 29.6#



#78
Pyrene
Concen: 15.96 ng
RT: 19.931 min Scan# 2824
Delta R.T. 0.011 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:202 Resp: 169436
Ion Ratio Lower Upper
202 100
200 21.3 16.1 24.1
203 23.7 13.6 20.4#

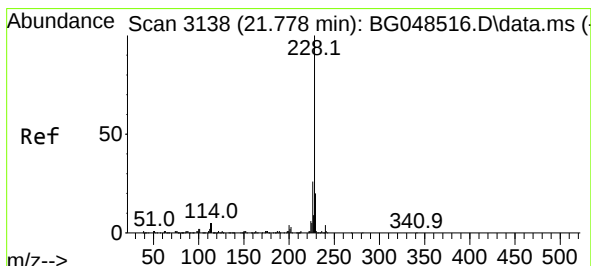
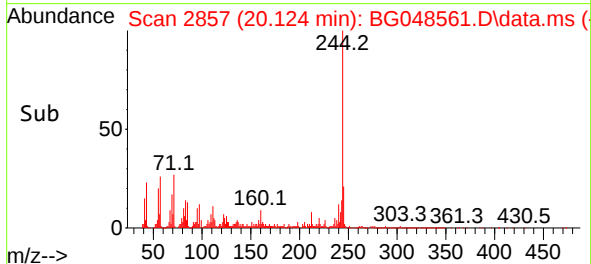
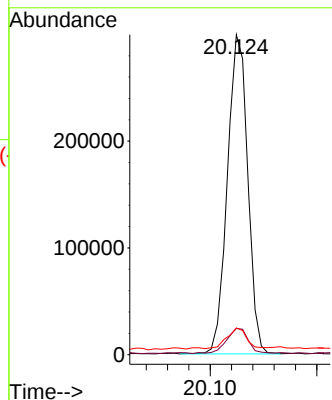
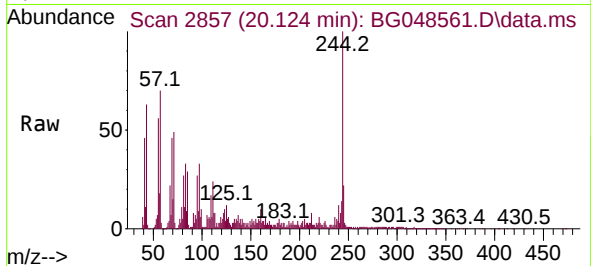




#79
Terphenyl-d14
Concen: 46.98 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.011 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

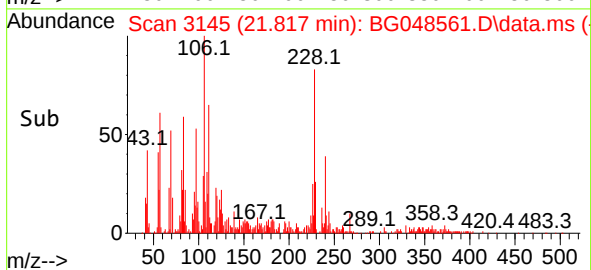
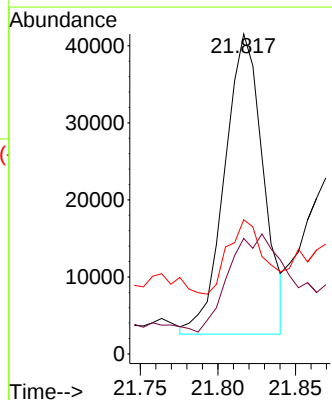
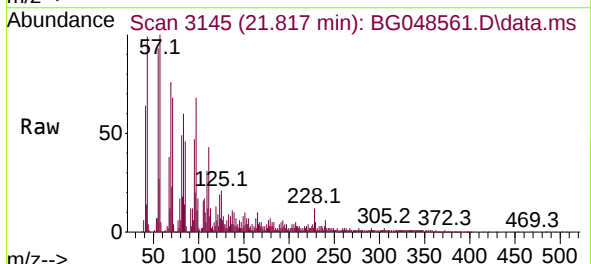
Instrument :
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ClientSampleId :
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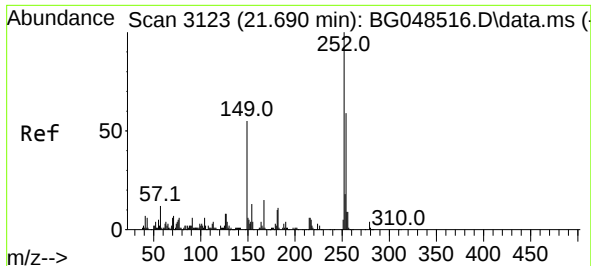
Tgt Ion:244 Resp: 396568
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 8.4 5.8 8.6



#81
Benzo(a)anthracene
Concen: 6.54 ng
RT: 21.817 min Scan# 3145
Delta R.T. 0.035 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:228 Resp: 67441
Ion Ratio Lower Upper
228 100
226 36.1 20.6 30.8#
229 42.0 15.8 23.8#

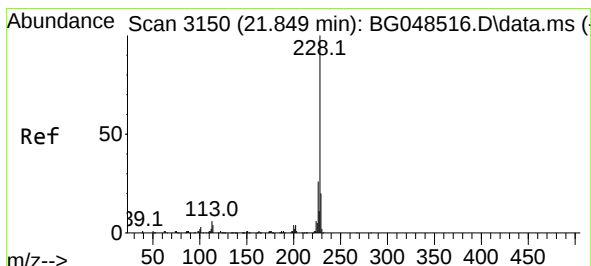
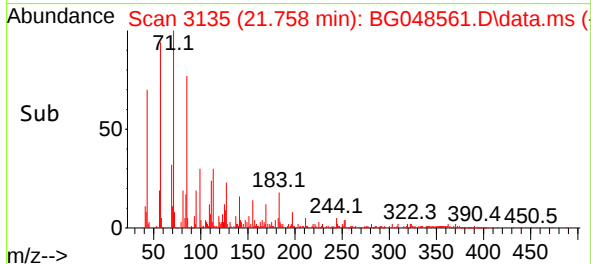
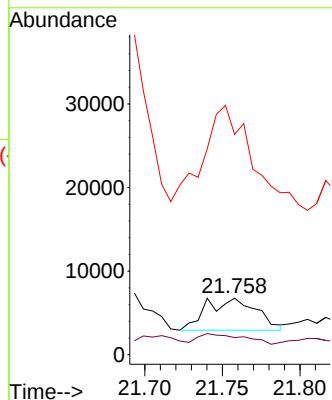
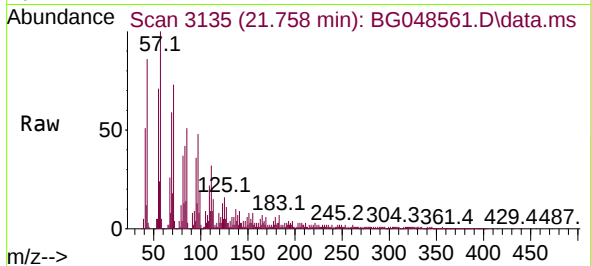




#82
3,3'-Dichlorobenzidine
Concen: 2.42 ng
RT: 21.758 min Scan# 3135
Delta R.T. 0.064 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

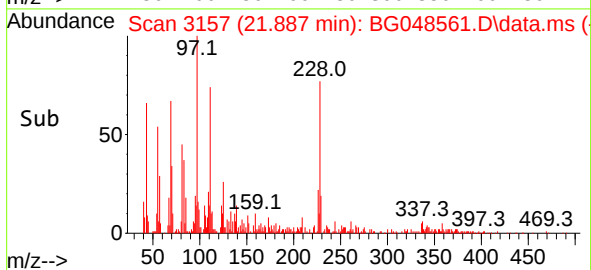
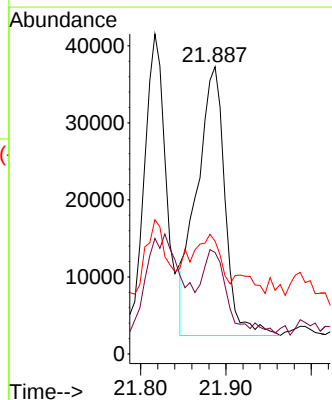
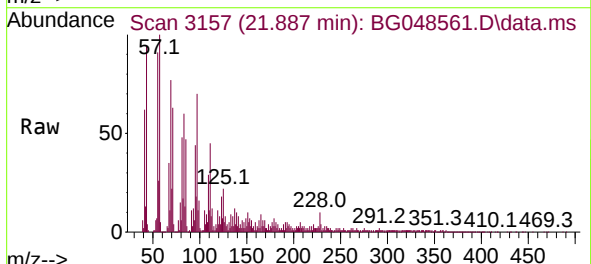
Instrument :
BNA_G
ClientSampleId :
V-211

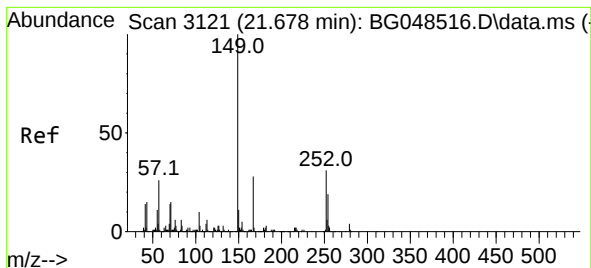
Tgt Ion:252 Resp: 8589
Ion Ratio Lower Upper
252 100
254 30.2 47.4 71.2#
126 389.8 6.1 9.1#



#83
Chrysene
Concen: 8.18 ng
RT: 21.887 min Scan# 3157
Delta R.T. 0.035 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:228 Resp: 80486
Ion Ratio Lower Upper
228 100
226 35.3 20.6 31.0#
229 39.3 16.3 24.5#

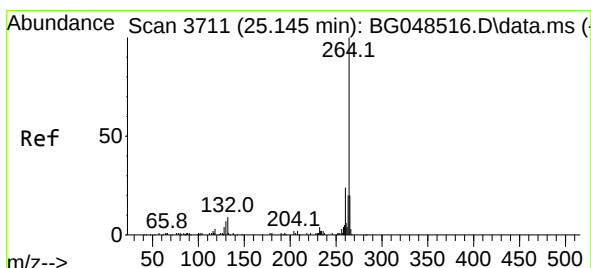
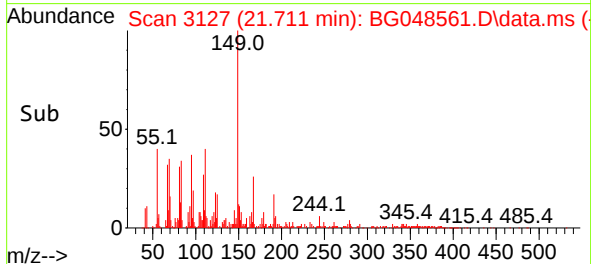
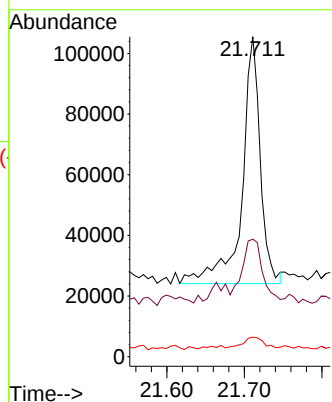
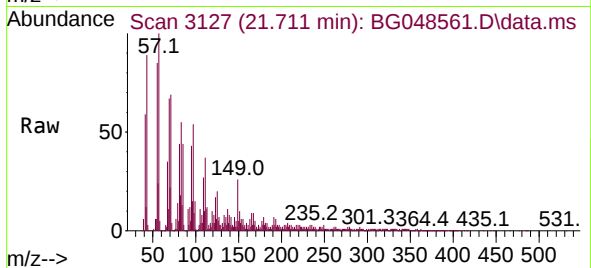




#84
Bis(2-ethylhexyl)phthalate
Concen: 24.41 ng
RT: 21.711 min Scan# 3127
Delta R.T. 0.029 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

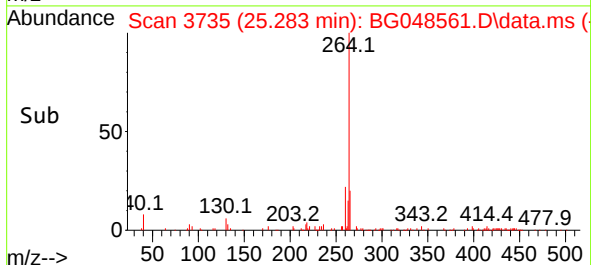
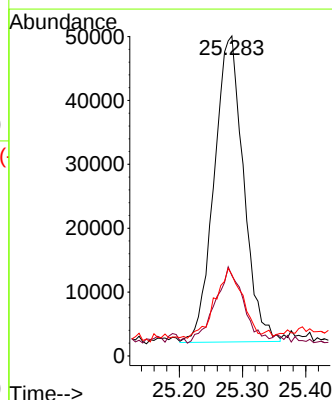
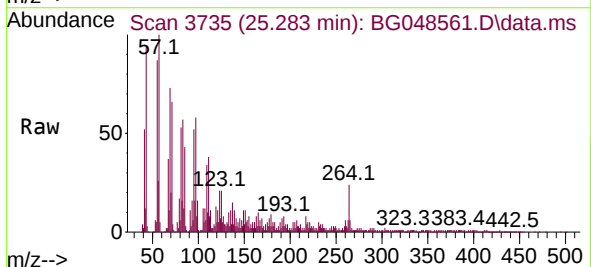
Instrument :
BNA_G
ClientSampled :
V-211

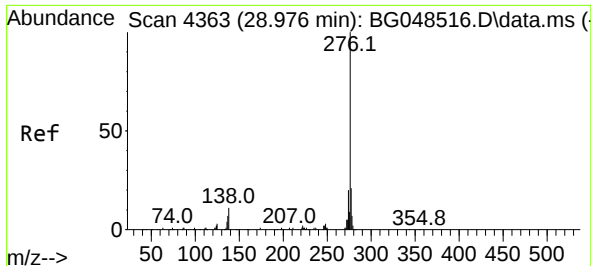
Tgt Ion:149 Resp: 134049
Ion Ratio Lower Upper
149 100
167 36.7 22.4 33.6#
279 6.1 3.4 5.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.283 min Scan# 3735
Delta R.T. 0.135 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:264 Resp: 154546
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 25.4 16.1 24.1#

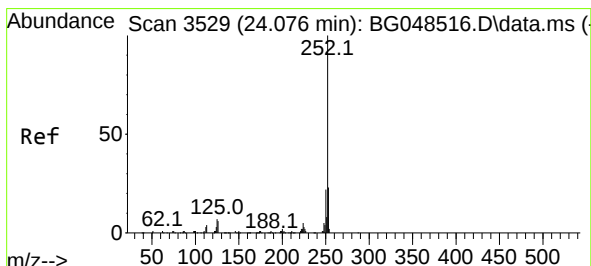
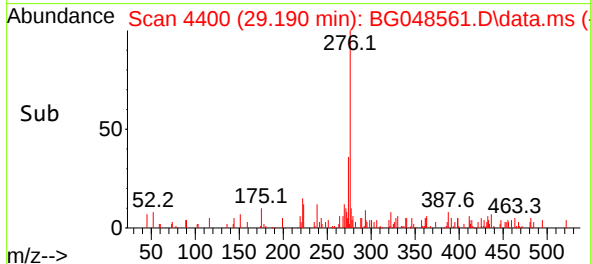
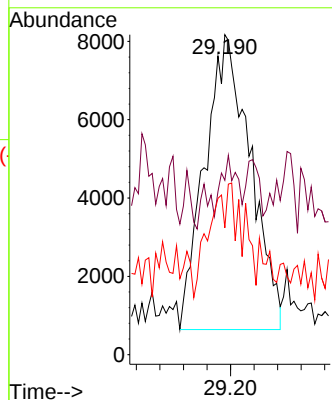
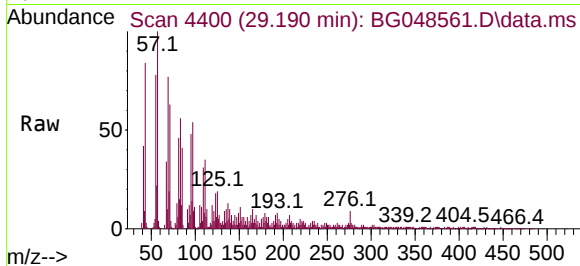




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.75 ng
 RT: 29.190 min Scan# 4400
 Delta R.T. 0.205 min
 Lab File: BG048561.D
 Acq: 2 Apr 2021 2:33

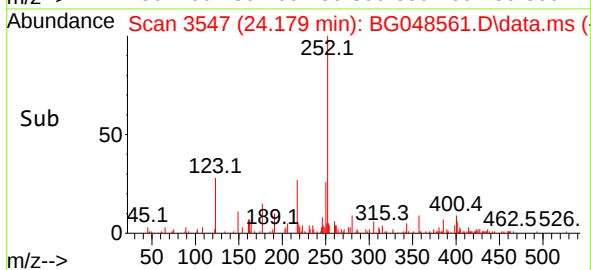
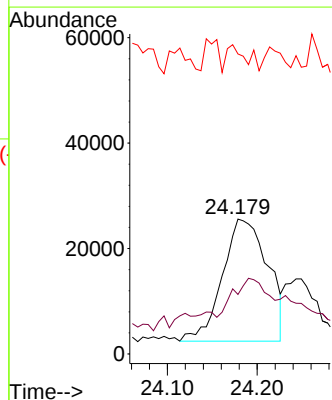
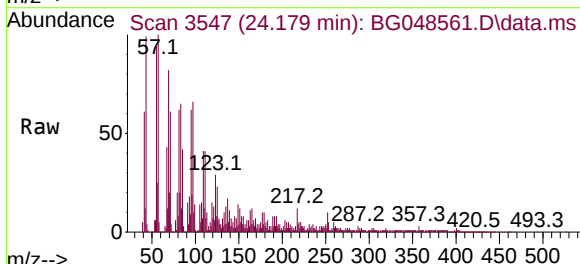
Instrument :
 BNA_G
 ClientSampleId :
 V-211

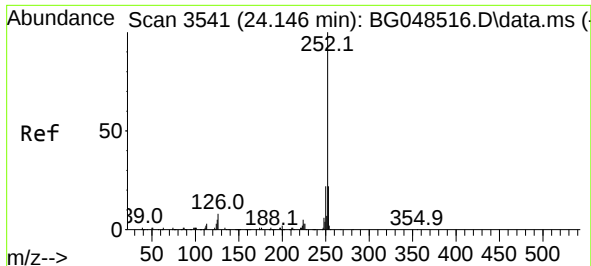
Tgt Ion:276 Resp: 40581
 Ion Ratio Lower Upper
 276 100
 138 8.0 7.8 11.8
 277 13.8 0.0 0.0#



#88
 Benzo(b)fluoranthene
 Concen: 8.07 ng
 RT: 24.179 min Scan# 3547
 Delta R.T. 0.094 min
 Lab File: BG048561.D
 Acq: 2 Apr 2021 2:33

Tgt Ion:252 Resp: 81042
 Ion Ratio Lower Upper
 252 100
 253 44.2 18.2 27.4#
 125 222.4 5.3 7.9#

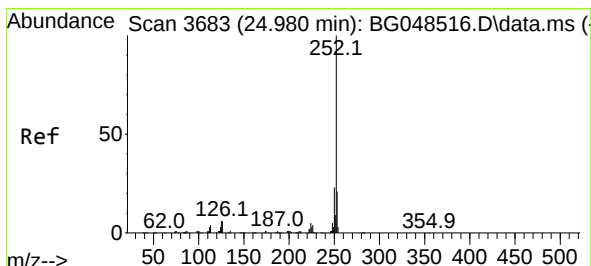
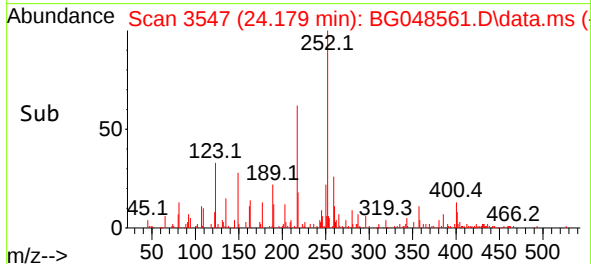
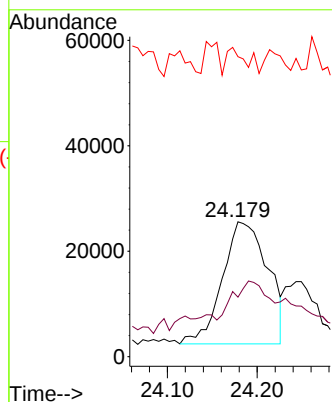
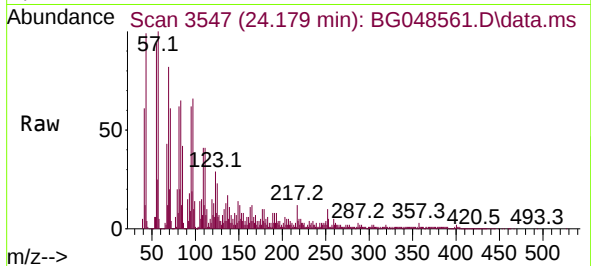




#89
Benzo(k)fluoranthene
Concen: 8.40 ng
RT: 24.179 min Scan# 3547
Delta R.T. 0.023 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

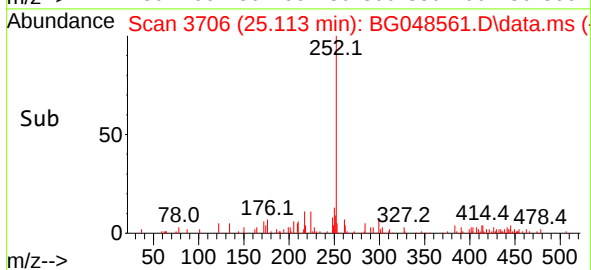
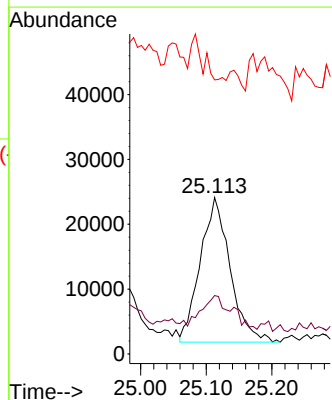
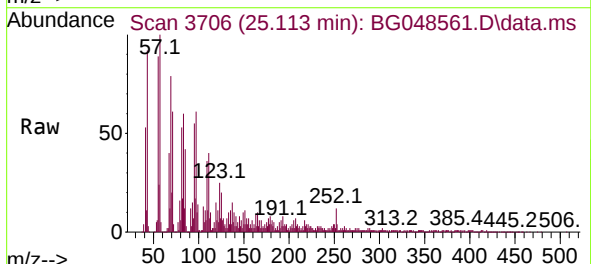
Instrument :
BNA_G
ClientSampled :
V-211

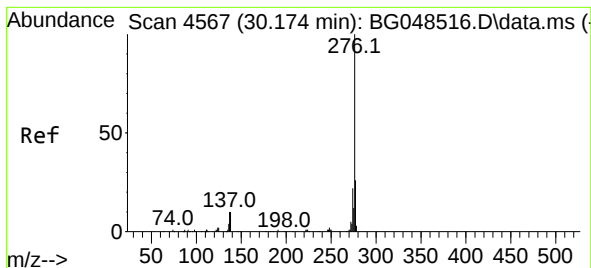
Tgt Ion:252 Resp: 81042
Ion Ratio Lower Upper
252 100
253 44.2 17.9 26.9#
125 222.4 3.9 5.9#



#90
Benzo(a)pyrene
Concen: 7.62 ng
RT: 25.113 min Scan# 3706
Delta R.T. 0.123 min
Lab File: BG048561.D
Acq: 2 Apr 2021 2:33

Tgt Ion:252 Resp: 70454
Ion Ratio Lower Upper
252 100
253 37.3 17.1 25.7#
125 175.2 4.4 6.6#





#92

Benzo(g,h,i)perylene

Concen: 6.16 ng

RT: 30.412 min Scan# 4608

Delta R.T. 0.223 min

Lab File: BG048561.D

Acq: 2 Apr 2021 2:33

Instrument :

BNA_G

ClientSampleId :

V-211

Tgt Ion:276 Resp: 55784

Ion Ratio Lower Upper

276 100

277 39.8 20.4 30.6#

138 37.5 8.1 12.1#

