

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
 Data File : BG048521.D
 Acq On : 30 Mar 2021 23:27
 Operator : CG/JU
 Sample : PB135342BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135342BL

Quant Time: Mar 31 01:53:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 01:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	19712	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	82978	20.00	ng	0.00
39) Acenaphthene-d10	14.750	164	62190	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	154115	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	173493	20.00	ng	# 0.00
86) Perylene-d12	25.132	264	167948	20.00	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	167532	150.05	ng	0.00
7) Phenol-d6	7.247	99	211868	130.84	ng	0.00
23) Nitrobenzene-d5	9.262	82	153477	89.55	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	102729	125.66	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	356598	85.23	ng	0.00
79) Terphenyl-d14	20.108	244	781010	82.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	58	0.13	ng	# 1
3) Pyridine	4.016	79	77	0.07	ng	# 22
4) n-Nitrosodimethylamine	3.645	42	59	0.08	ng	# 1
6) Aniline	7.741	93	96	0.05	ng	# 43
9) Benzaldehyde	7.247	77	422	0.41	ng	# 4
11) bis(2-Chloroethyl)ether	7.741	93	96	0.09	ng	# 25
12) 1,3-Dichlorobenzene	7.517	146	57	0.04	ng	# 26
15) Benzyl Alcohol	8.099	79	656	0.49	ng	# 44
17) 2-Methylphenol	8.622	107	57	0.05	ng	# 4
19) n-Nitroso-di-n-propyla...	9.262	70	23953	21.46	ng	# 70
20) 3+4-Methylphenols	8.622	107	57	0.04	ng	# 22
24) Nitrobenzene	9.262	77	771	0.46	ng	# 34
25) Isophorone	9.427	82	63	0.02	ng	# 64
26) 2-Nitrophenol	9.920	139	64	0.08	ng	# 27
31) Naphthalene	11.260	128	55	0.01	ng	# 69
33) 4-Chloroaniline	11.072	127	63	0.03	ng	# 46
41) Hexachlorocyclopentadiene	12.435	237	56	0.05	ng	# 28
46) 1,1'-Biphenyl	13.575	154	135	0.03	ng	# 45
48) 2-Nitroaniline	14.163	65	57	0.05	ng	# 2
49) Acenaphthylene	14.174	152	76	0.01	ng	# 61
51) 2,6-Dinitrotoluene	14.750	165	8084	7.66	ng	# 17
52) Acenaphthene	14.762	154	137	0.03	ng	# 6
54) 2,4-Dinitrophenol	15.214	184	87	0.15	ng	# 15
56) 4-Nitrophenol	15.302	139	59	0.07	ng	# 1
57) 2,4-Dinitrotoluene	14.750	165	8084	5.41	ng	# 22
58) Fluorene	16.231	166	3430	0.71	ng	# 87
63) Azobenzene	16.237	77	728	0.16	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.684	198	101	0.11	ng	# 34
66) n-Nitrosodiphenylamine	16.237	169	3882	0.89	ng	# 44
67) 4-Bromophenyl-phenylether	16.242	248	8113	4.75	ng	# 1
74) Di-n-butylphthalate	18.945	149	60	0.01	ng	# 77
75) Fluoranthene	19.897	202	59	0.01	ng	# 67
77) Benzidine	20.114	184	13962	2.38	ng	# 90
78) Pyrene	20.108	202	3035	0.25	ng	# 57
80) Butylbenzylphthalate	20.537	149	67	0.02	ng	# 26
81) Benzo(a)anthracene	21.795	228	683	0.06	ng	# 53

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

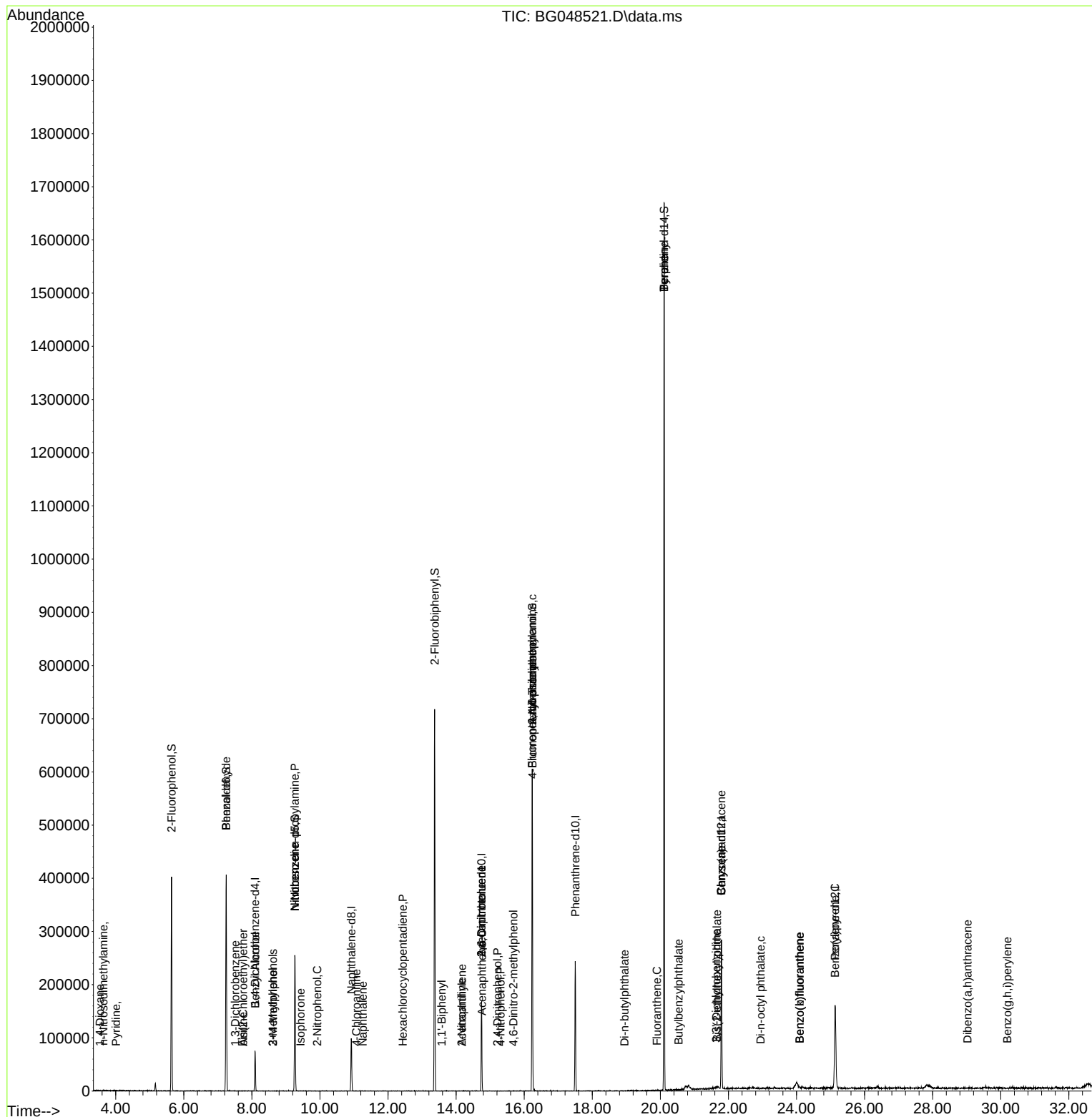
82) 3,3'-Dichlorobenzidine	21.642	252	55	0.01	ng	# 28
83) Chrysene	21.795	228	683	0.06	ng	# 52
84) Bis(2-ethylhexyl)phtha...	21.665	149	157	0.03	ng	# 52
85) Di-n-octyl phthalate	22.946	149	141	0.01	ng	# 1
88) Benzo(b)fluoranthene	24.092	252	79	0.01	ng	# 59
89) Benzo(k)fluoranthene	24.092	252	79	0.01	ng	# 59
90) Benzo(a)pyrene	25.126	252	318	0.03	ng	# 17
91) Dibenzo(a,h)anthracene	29.027	278	71	0.01	ng	# 59
92) Benzo(g,h,i)perylene	30.191	276	54	0.01	ng	# 56

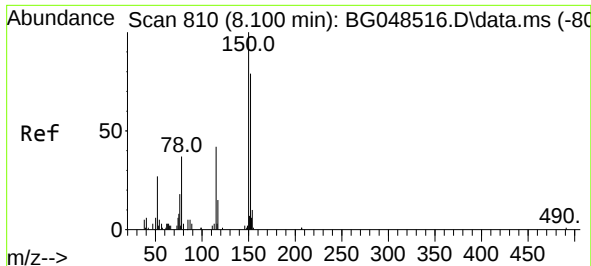
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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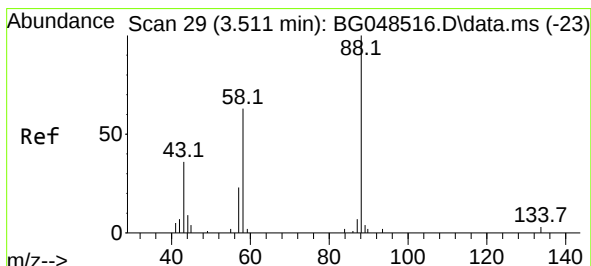
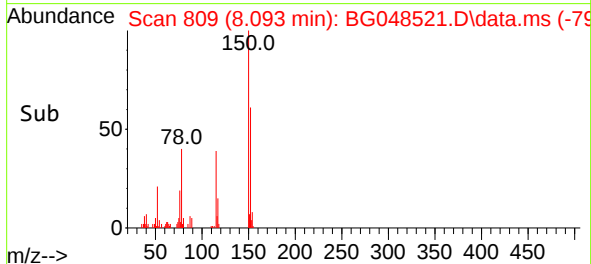
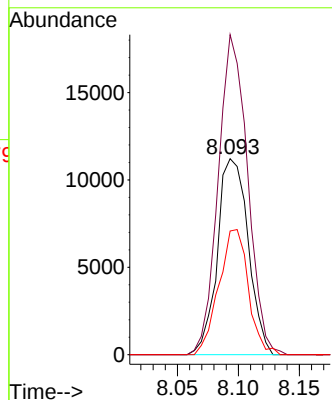
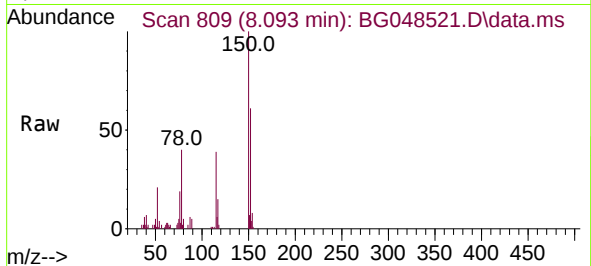




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.093 min Scan# 809
Delta R.T. -0.007 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

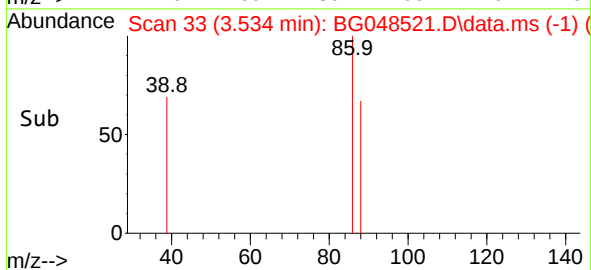
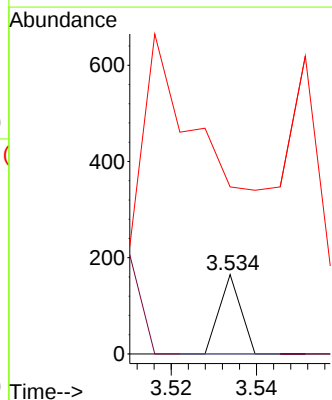
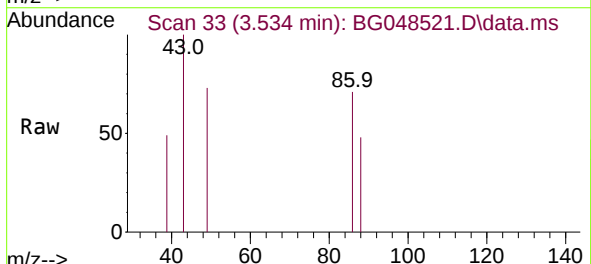
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BNA_G
ClientSampleId :
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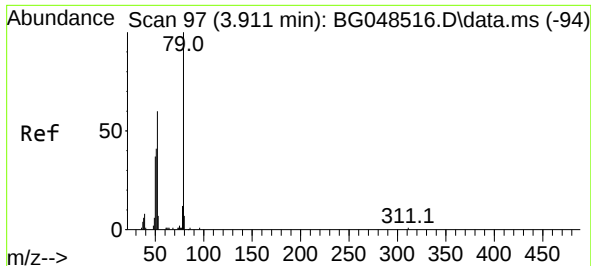
Tgt Ion:152 Resp: 19712
Ion Ratio Lower Upper
152 100
150 163.2 101.3 151.9#
115 63.1 42.3 63.5



#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.534 min Scan# 33
Delta R.T. 0.022 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

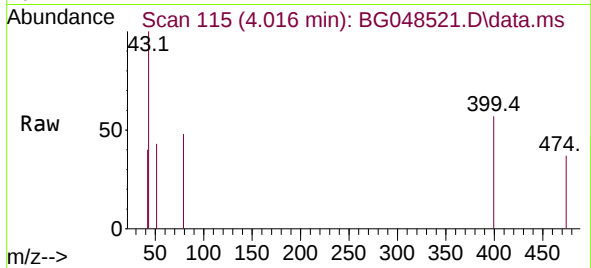
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
58 0.0 55.0 82.6#
43 363.8 26.2 39.4#



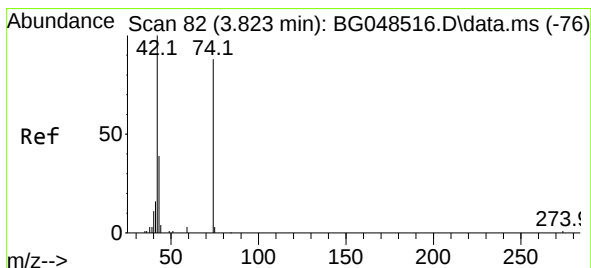
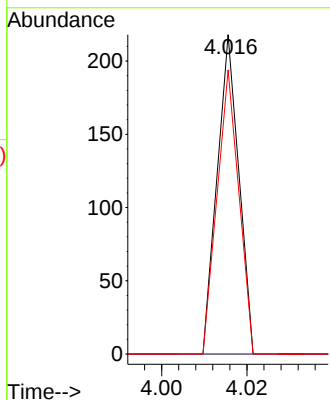
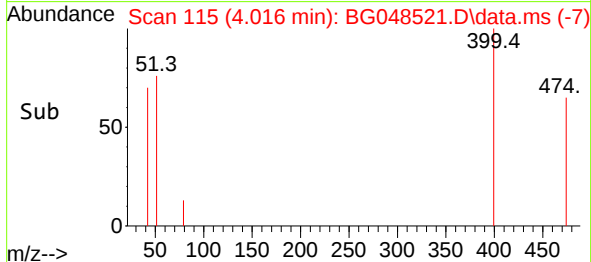


#3
 Pyridine
 Concen: 0.07 ng
 RT: 4.016 min Scan# 115
 Delta R.T. 0.105 min
 Lab File: BG048521.D
 Acq: 30 Mar 2021 23:27

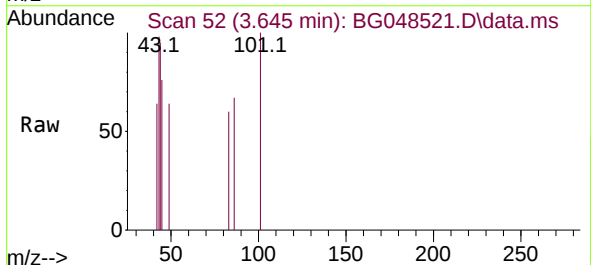
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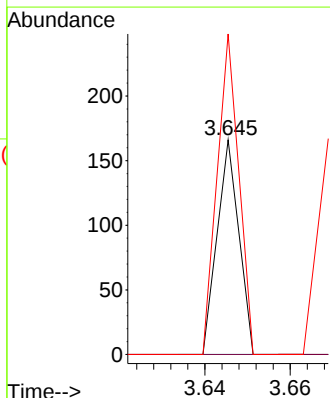
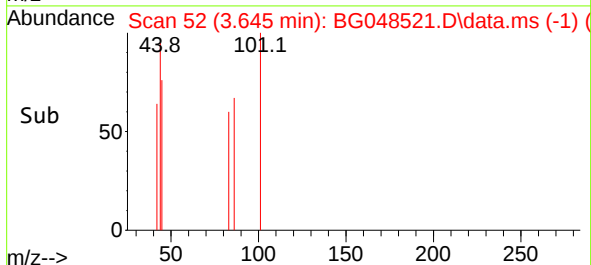
Tgt Ion: 79 Resp: 77
 Ion Ratio Lower Upper
 79 100
 52 0.0 48.2 72.2#
 51 89.0 33.2 49.8#

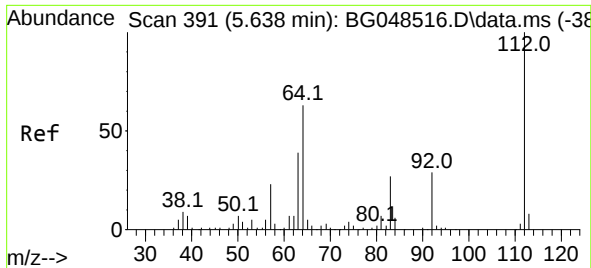


#4
 n-Nitrosodimethylamine
 Concen: 0.08 ng
 RT: 3.645 min Scan# 52
 Delta R.T. -0.177 min
 Lab File: BG048521.D
 Acq: 30 Mar 2021 23:27



Tgt Ion: 42 Resp: 59
 Ion Ratio Lower Upper
 42 100
 74 0.0 70.6 105.8#
 44 149.4 3.5 5.3#

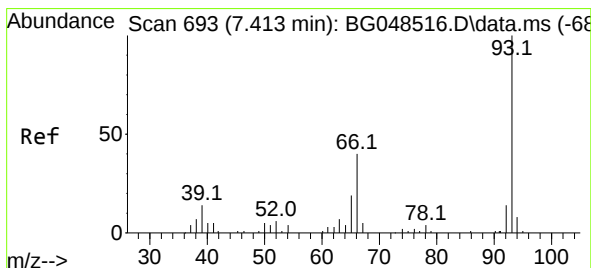
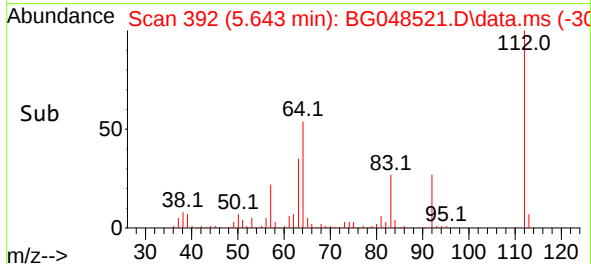
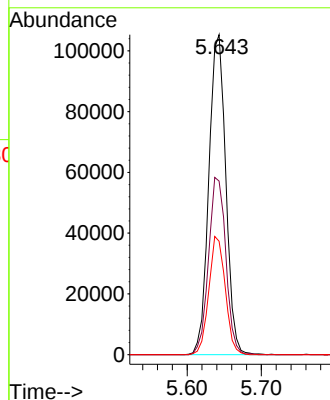
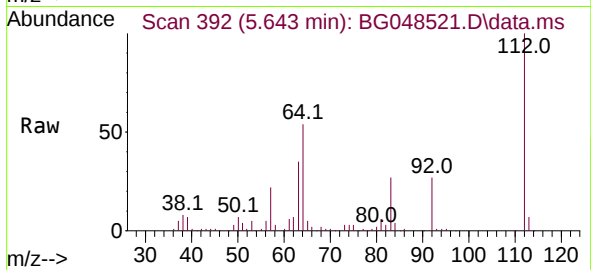




#5
2-Fluorophenol
Concen: 150.05 ng
RT: 5.643 min Scan# 392
Delta R.T. 0.005 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

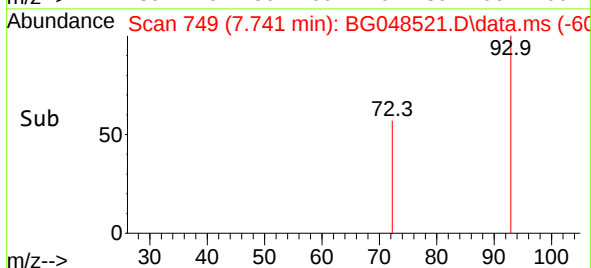
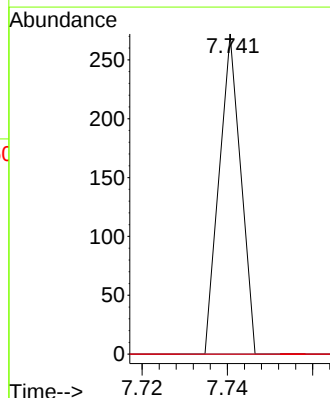
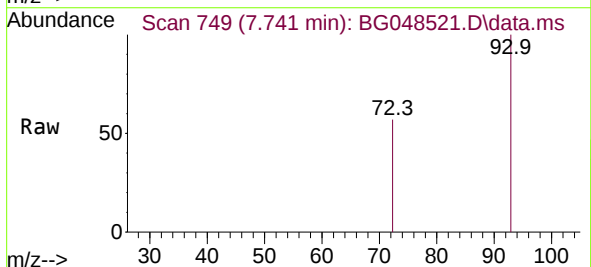
Instrument :
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ClientSampleId :
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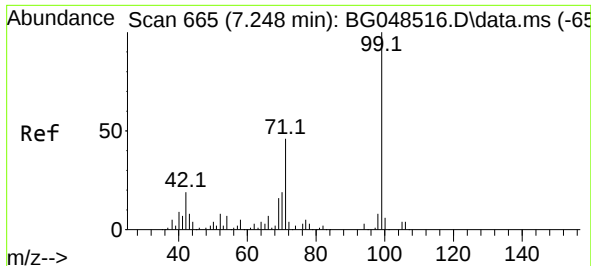
Tgt Ion:112 Resp: 167532
Ion Ratio Lower Upper
112 100
64 54.2 50.4 75.6
63 35.4 31.4 47.2



#6
Aniline
Concen: 0.05 ng
RT: 7.741 min Scan# 749
Delta R.T. 0.328 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion: 93 Resp: 96
Ion Ratio Lower Upper
93 100
66 0.0 31.8 47.6#
65 0.0 15.2 22.8#

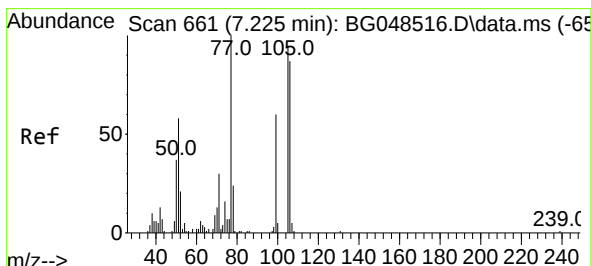
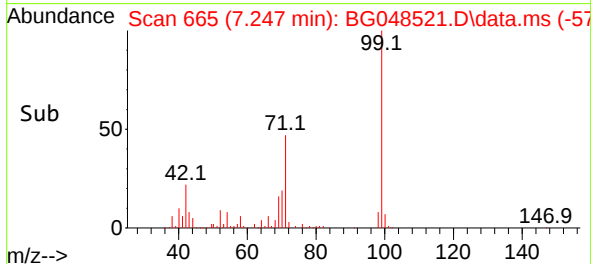
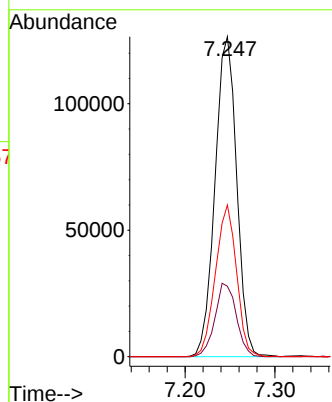
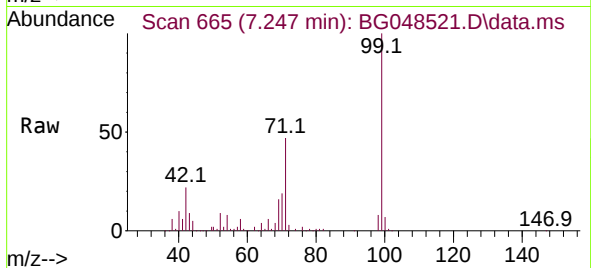




#7
Phenol-d6
Concen: 130.84 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

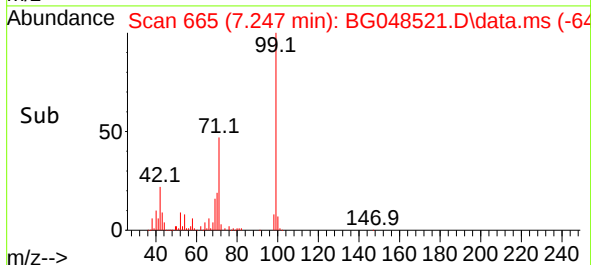
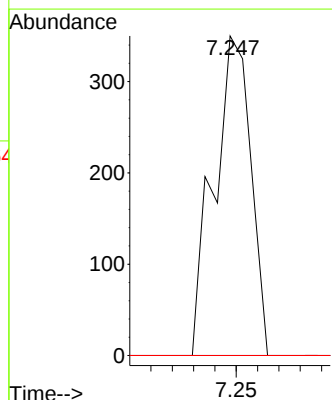
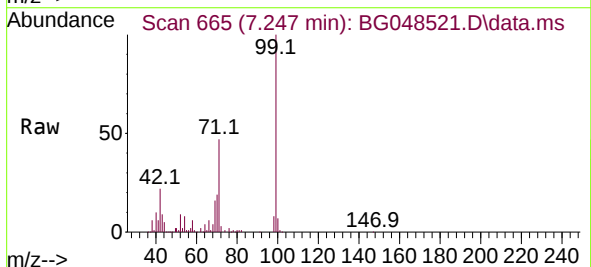
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ClientSampleId :
PB135342BL

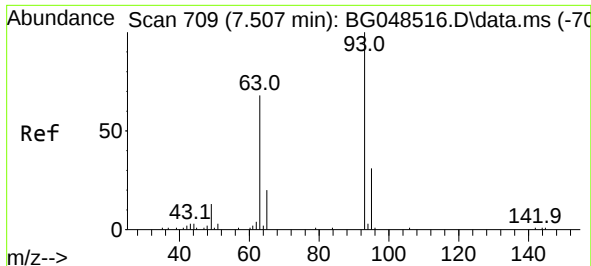
Tgt Ion: 99 Resp: 211868
Ion Ratio Lower Upper
99 100
42 22.0 15.5 23.3
71 47.4 36.6 54.8



#9
Benzaldehyde
Concen: 0.41 ng
RT: 7.247 min Scan# 665
Delta R.T. 0.022 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion: 77 Resp: 422
Ion Ratio Lower Upper
77 100
105 0.0 75.2 115.2#
106 0.0 66.5 106.5#

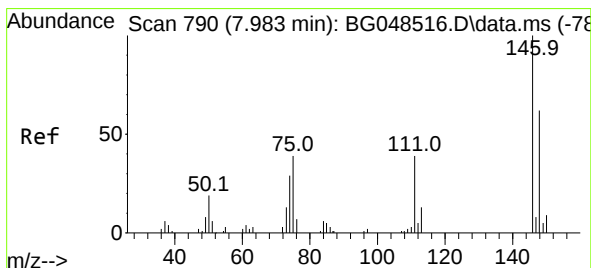
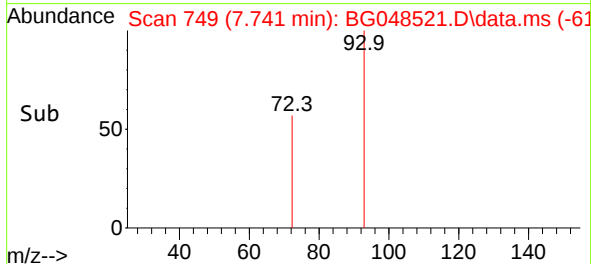
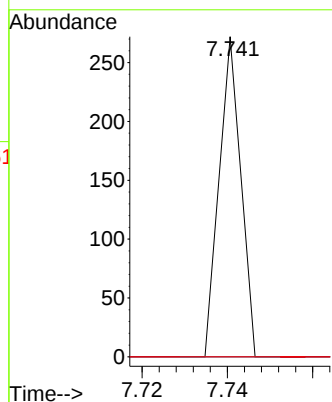
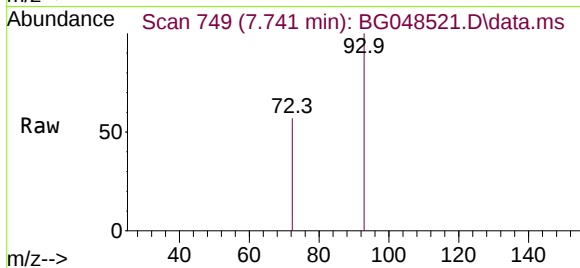




#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.741 min Scan# 749
Delta R.T. 0.234 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

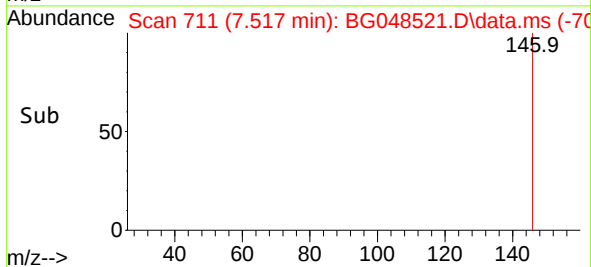
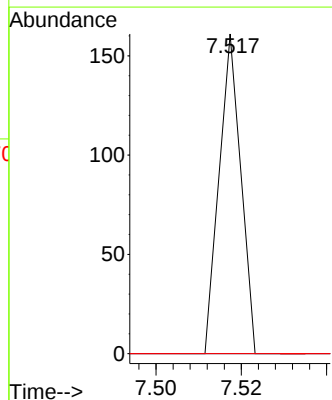
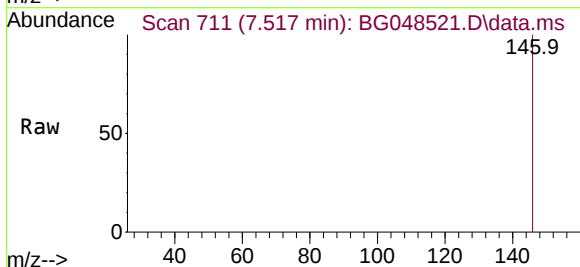
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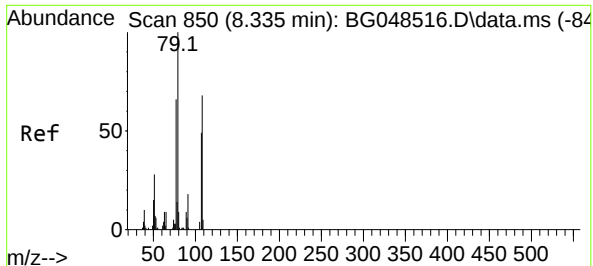
Tgt Ion: 93 Resp: 96
Ion Ratio Lower Upper
93 100
63 0.0 47.5 87.5#
95 0.0 11.1 51.1#



#12
1,3-Dichlorobenzene
Concen: 0.04 ng
RT: 7.517 min Scan# 711
Delta R.T. -0.465 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion: 146 Resp: 57
Ion Ratio Lower Upper
146 100
148 0.0 49.7 74.5#
75 0.0 30.9 46.3#





#15

Benzyl Alcohol

Concen: 0.49 ng

RT: 8.099 min Scan# 810

Delta R.T. -0.236 min

Lab File: BG048521.D

Acq: 30 Mar 2021 23:27

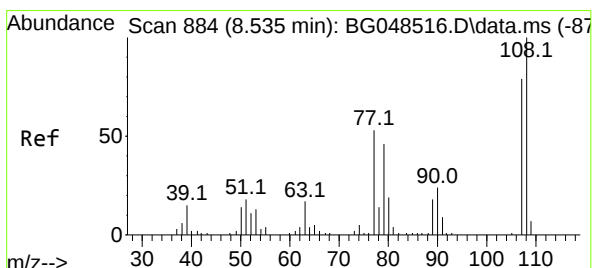
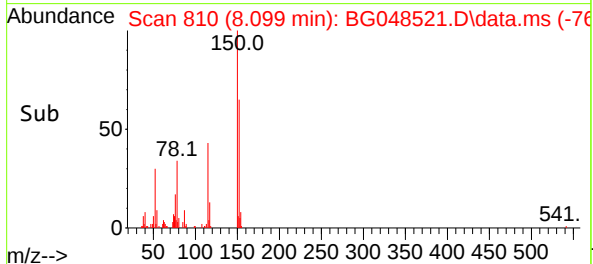
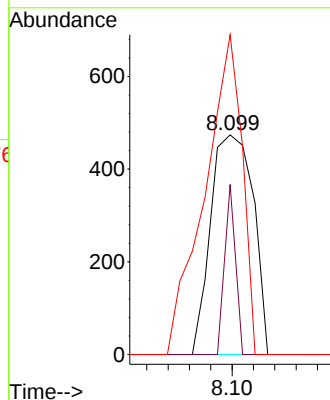
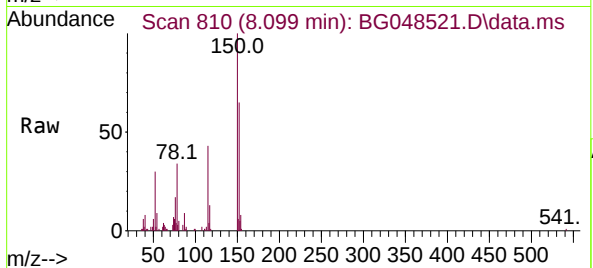
Instrument :

BNA_G

ClientSampleID :

PB135342BL

Tgt Ion: 79	Resp: 656
Ion Ratio	Lower Upper
79	100
108	77.4 54.1 81.1
77	145.6 52.6 79.0#



#17

2-Methylphenol

Concen: 0.05 ng

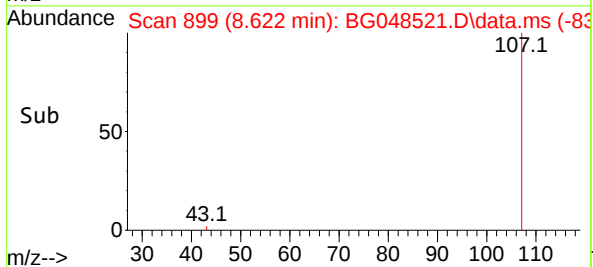
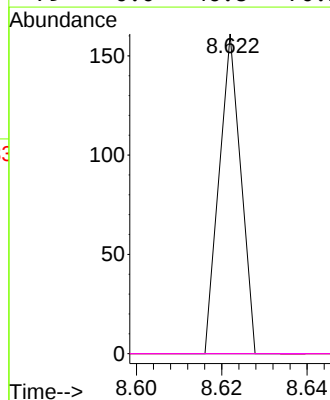
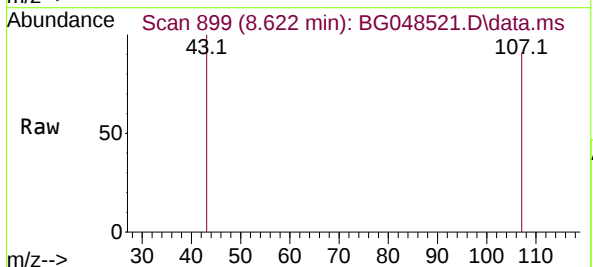
RT: 8.622 min Scan# 899

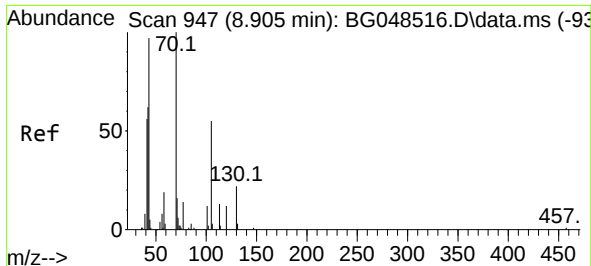
Delta R.T. 0.087 min

Lab File: BG048521.D

Acq: 30 Mar 2021 23:27

Tgt Ion: 107	Resp: 57
Ion Ratio	Lower Upper
107	100
108	0.0 101.7 152.5#
77	0.0 54.4 81.6#
79	0.0 46.8 70.2#

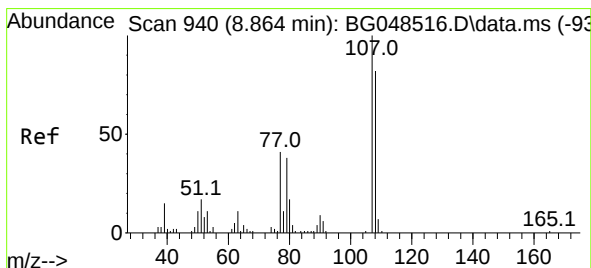
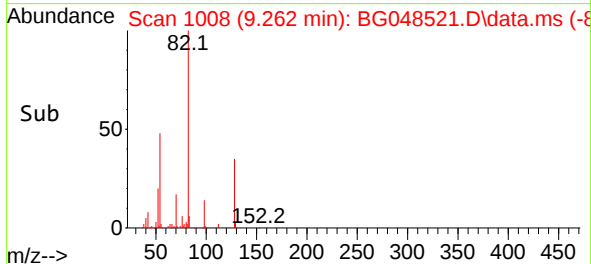
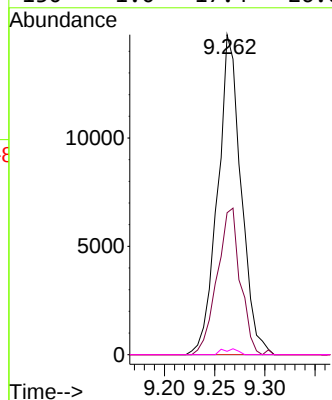
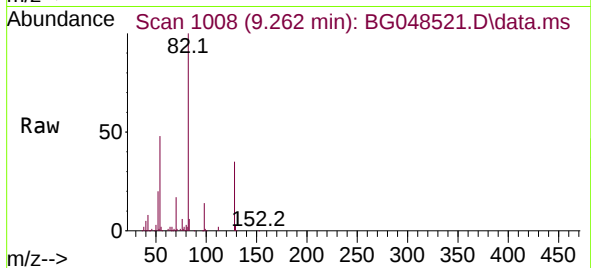




#19
n-Nitroso-di-n-propylamine
Concen: 21.46 ng
RT: 9.262 min Scan# 1008
Delta R.T. 0.357 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

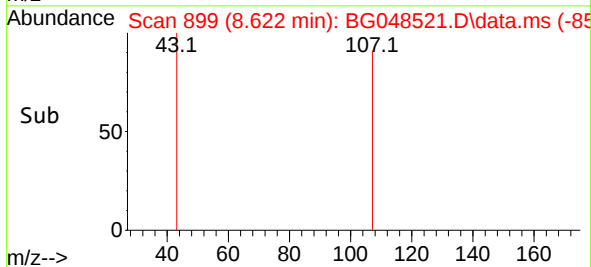
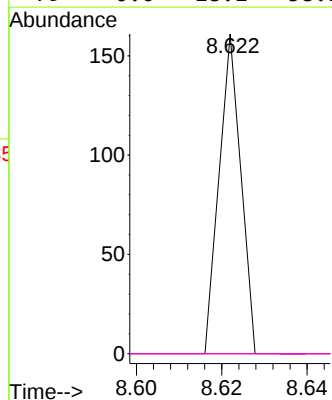
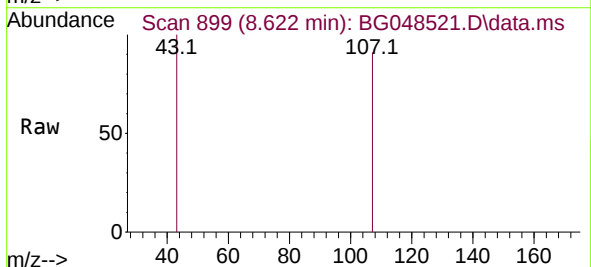
Instrument :
BNA_G
ClientSampleId :
PB135342BL

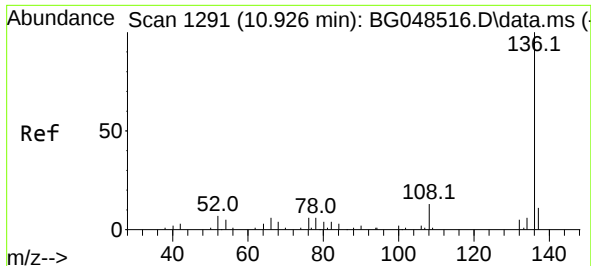
Tgt Ion: 70 Resp: 23953
Ion Ratio Lower Upper
70 100
42 44.4 50.8 76.2#
101 0.0 9.7 14.5#
130 1.0 17.4 26.0#



#20
3+4-Methylphenols
Concen: 0.04 ng
RT: 8.622 min Scan# 899
Delta R.T. -0.242 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

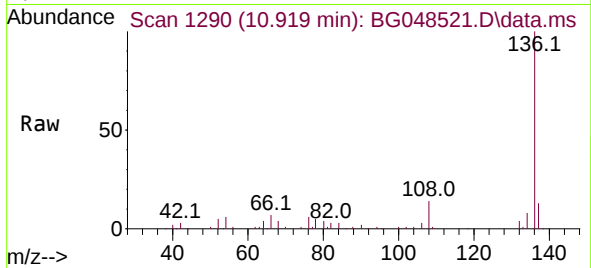
Tgt Ion: 107 Resp: 57
Ion Ratio Lower Upper
107 100
108 0.0 62.3 102.3#
77 0.0 21.3 61.3#
79 0.0 18.1 58.1#



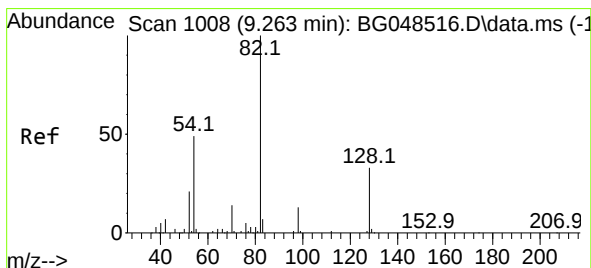
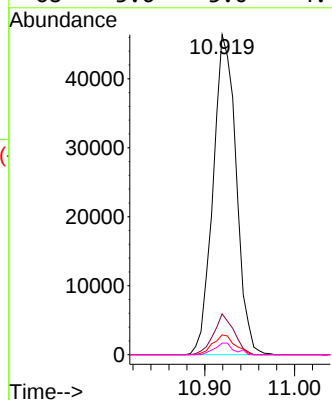
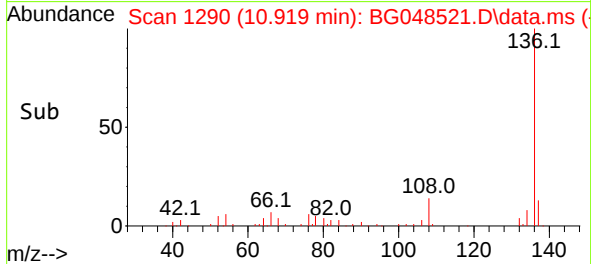


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

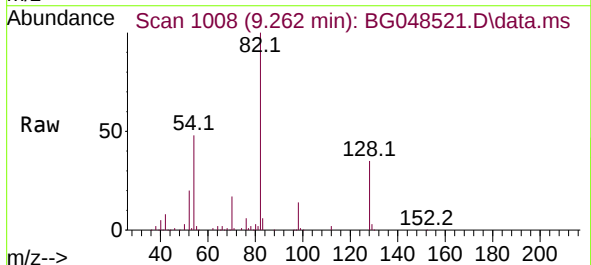
Instrument :
BNA_G
ClientSampleId :
PB135342BL



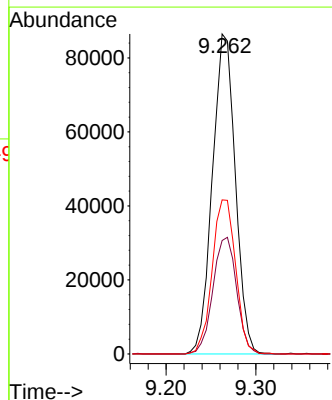
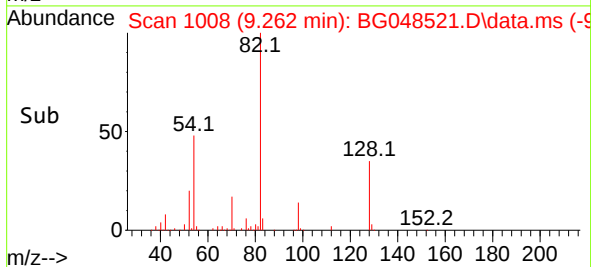
Tgt Ion:	136	Resp:	82978
Ion Ratio	Lower	Upper	
136	100		
137	12.7	8.6	12.8
54	6.2	4.2	6.4
68	3.6	3.0	4.4

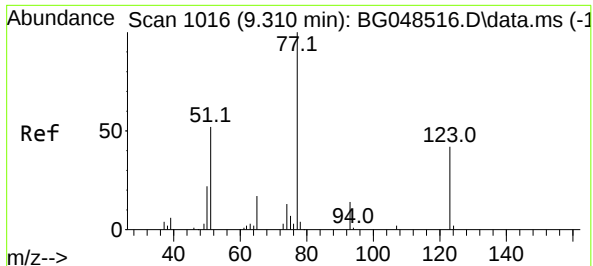


#23
Nitrobenzene-d5
Concen: 89.55 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27



Tgt Ion:	82	Resp:	153477
Ion Ratio	Lower	Upper	
82	100		
128	35.4	26.2	39.4
54	48.1	38.9	58.3

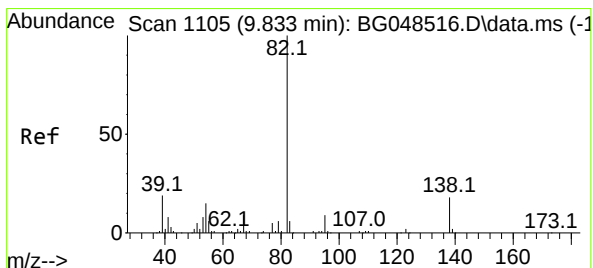
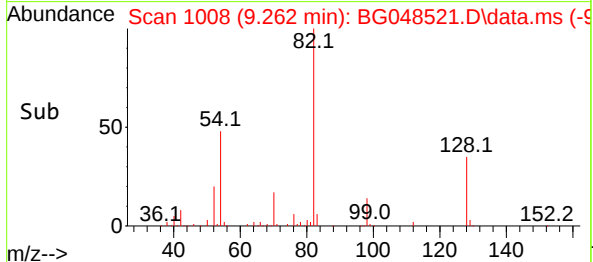
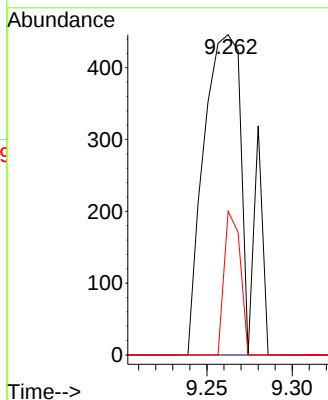
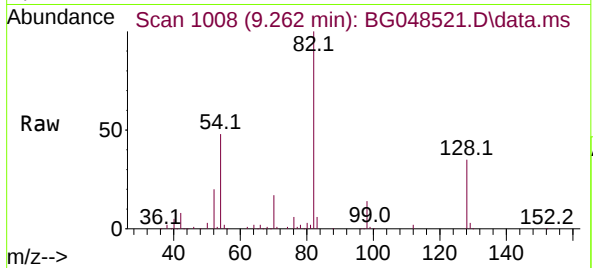




#24
Nitrobenzene
Concen: 0.46 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.048 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

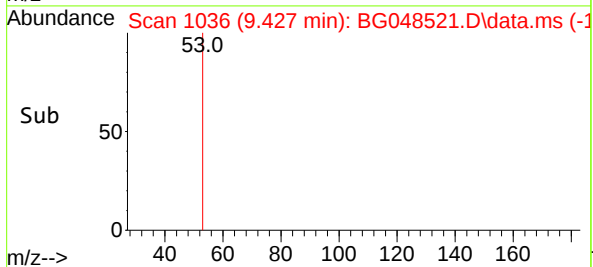
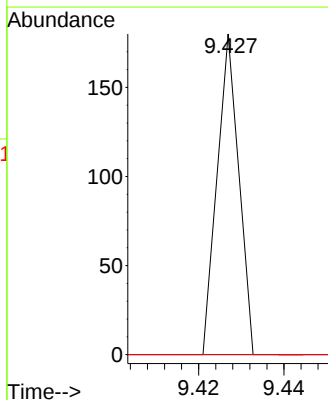
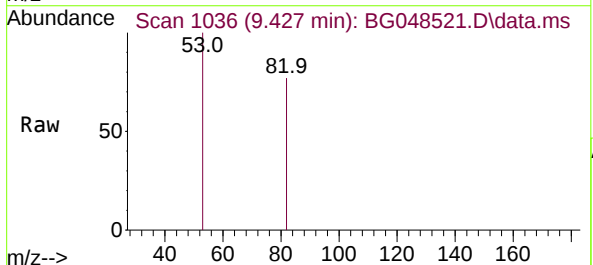
Instrument :
BNA_G
ClientSampleId :
PB135342BL

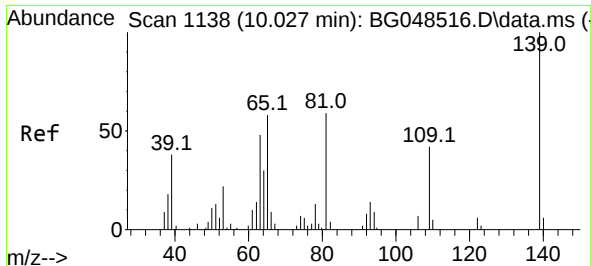
Tgt Ion: 77 Resp: 771
Ion Ratio Lower Upper
77 100
123 0.0 33.4 50.2#
65 44.8 13.3 19.9#



#25
Isophorone
Concen: 0.02 ng
RT: 9.427 min Scan# 1036
Delta R.T. -0.407 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion: 82 Resp: 63
Ion Ratio Lower Upper
82 100
95 0.0 7.1 10.7#
138 0.0 14.8 22.2#

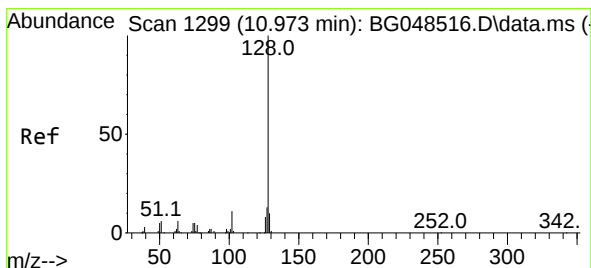
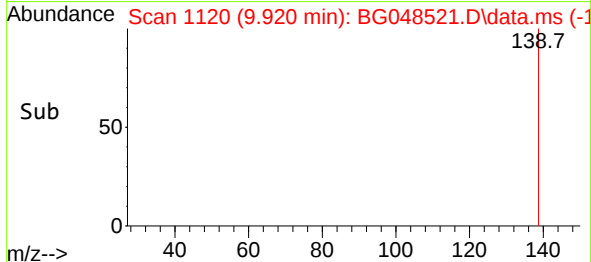
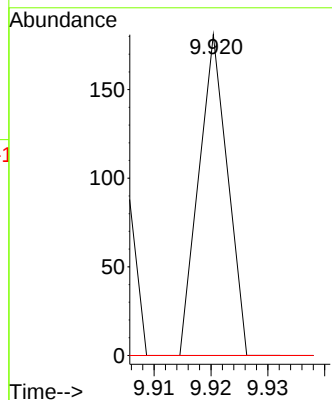
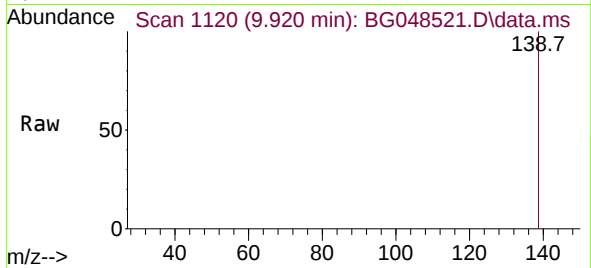




#26
2-Nitrophenol
Concen: 0.08 ng
RT: 9.920 min Scan# 1120
Delta R.T. -0.107 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

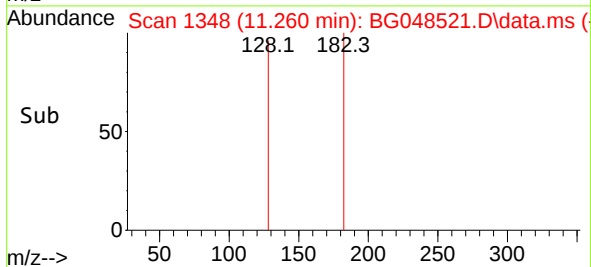
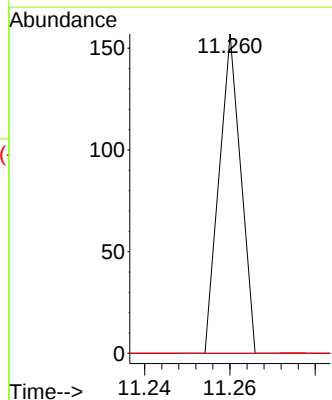
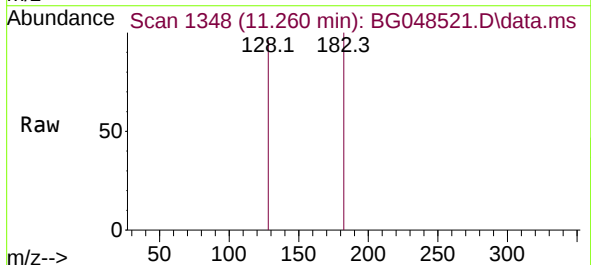
Instrument :
BNA_G
ClientSampleId :
PB135342BL

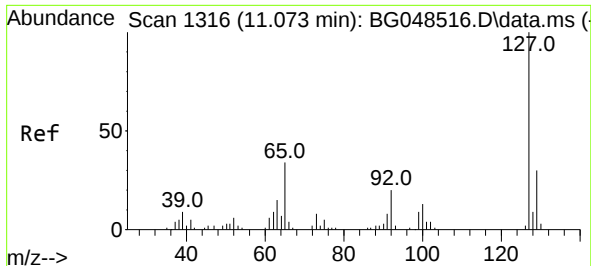
Tgt Ion:139	Resp:	64
Ion Ratio	Lower	Upper
139	100	
109	0.0	33.7 50.5#
65	0.0	46.8 70.2#



#31
Naphthalene
Concen: 0.01 ng
RT: 11.260 min Scan# 1348
Delta R.T. 0.287 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:128	Resp:	55
Ion Ratio	Lower	Upper
128	100	
129	0.0	8.2 12.2#
127	0.0	10.6 16.0#

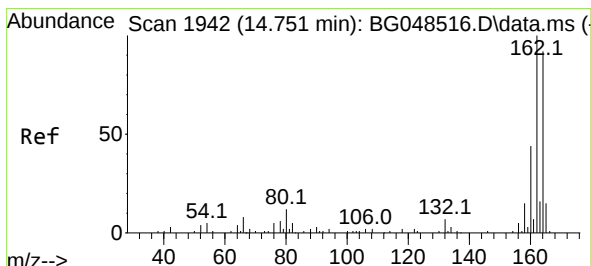
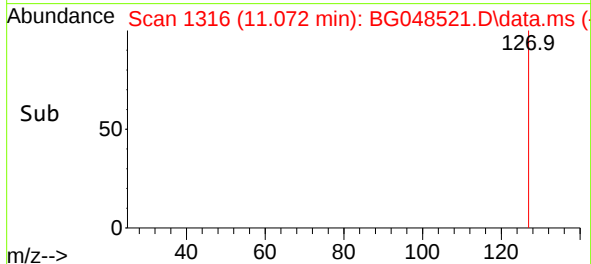
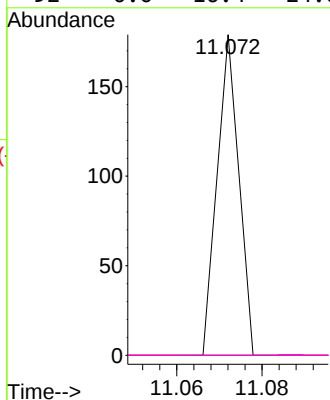
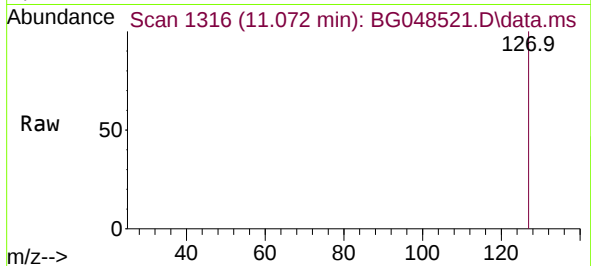




#33
4-Chloroaniline
Concen: 0.03 ng
RT: 11.072 min Scan# 1316
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

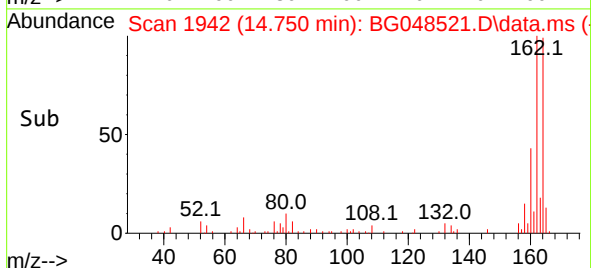
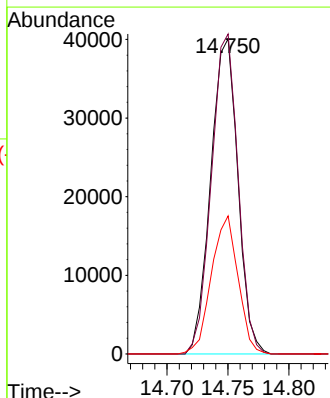
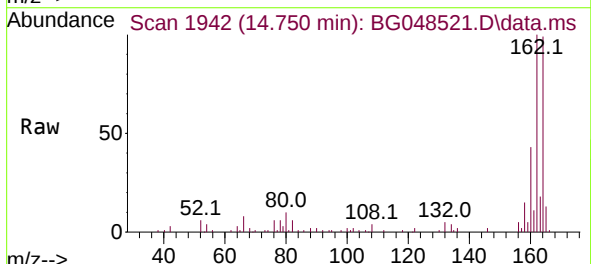
Instrument :
BNA_G
ClientSampleId :
PB135342BL

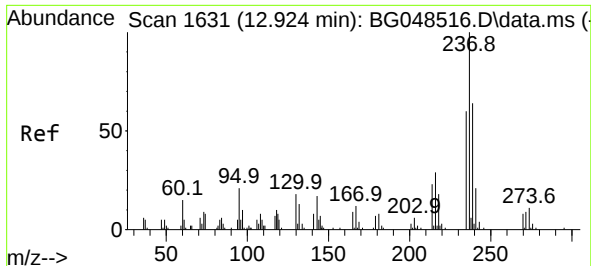
Tgt Ion:127	Resp:	63
Ion	Ratio	Lower Upper
127	100	
129	0.0	24.3 36.5#
65	0.0	27.0 40.4#
92	0.0	16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:164	Resp:	62190
Ion	Ratio	Lower Upper
164	100	
162	101.5	87.0 130.6
160	43.8	38.4 57.6

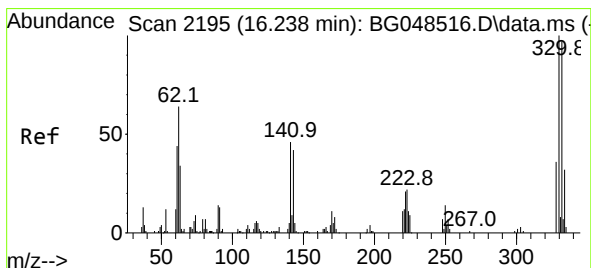
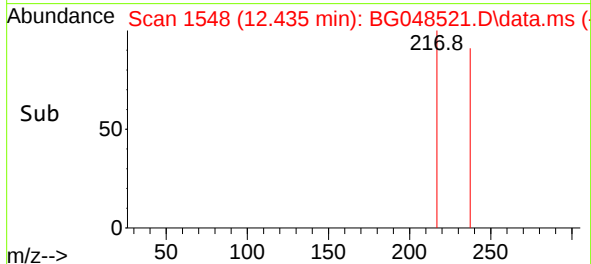
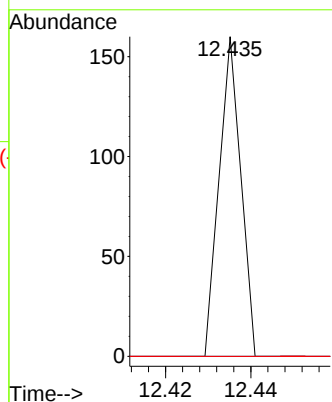
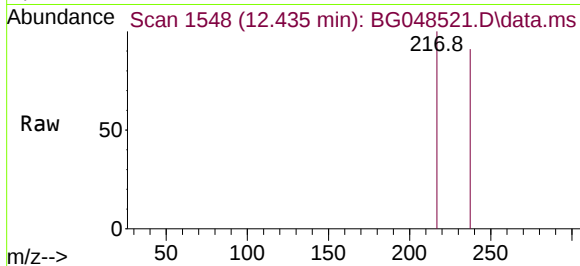




#41
Hexachlorocyclopentadiene
Concen: 0.05 ng
RT: 12.435 min Scan# 1548
Delta R.T. -0.489 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

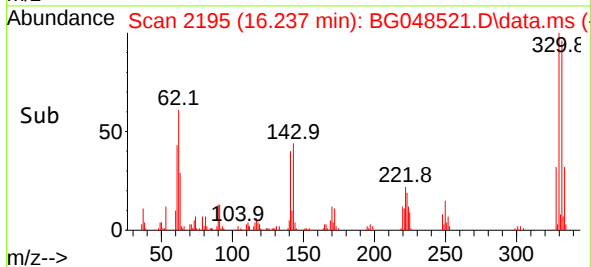
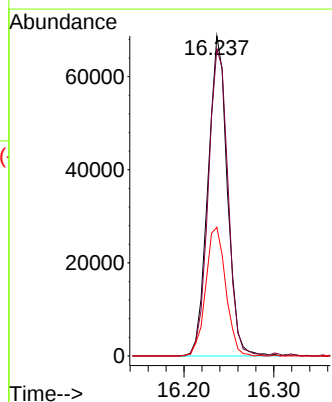
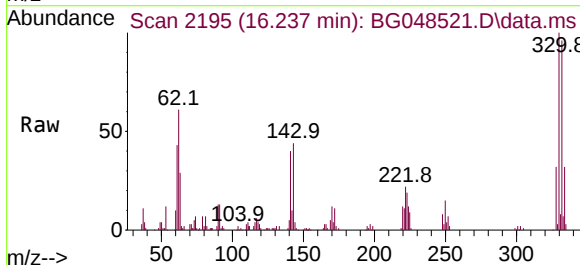
Instrument :
BNA_G
ClientSampleId :
PB135342BL

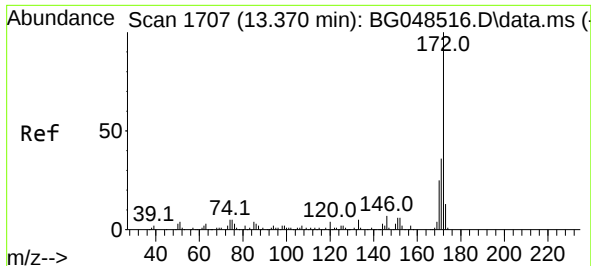
Tgt Ion:237 Resp: 56
Ion Ratio Lower Upper
237 100
235 0.0 39.7 79.7#
272 0.0 0.0 28.8



#42
2,4,6-Tribromophenol
Concen: 125.66 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:330 Resp: 102729
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 41.7 34.6 52.0

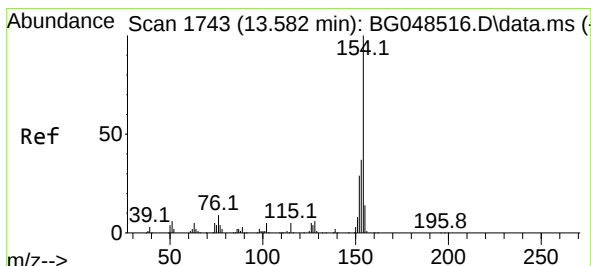
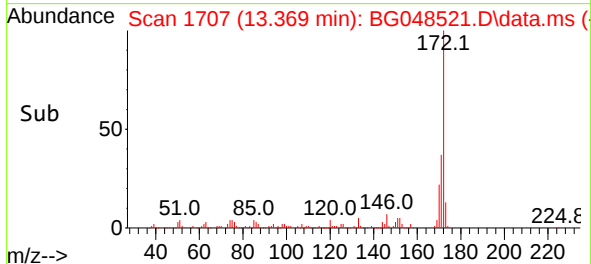
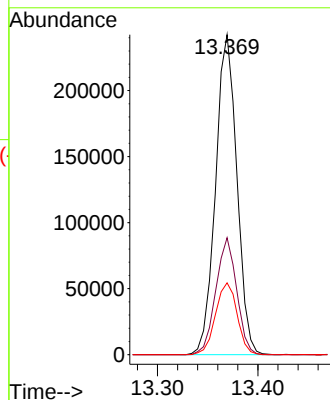
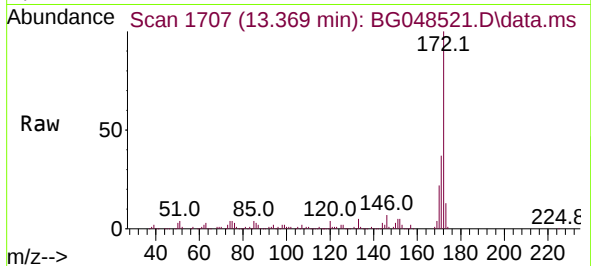




#45
2-Fluorobiphenyl
Concen: 85.23 ng
RT: 13.369 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

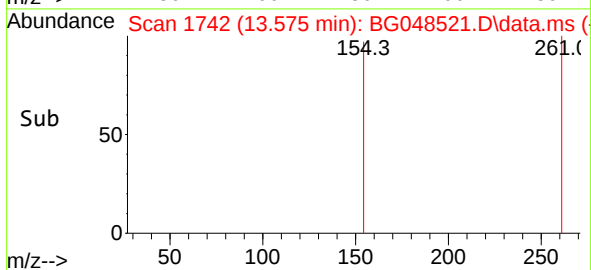
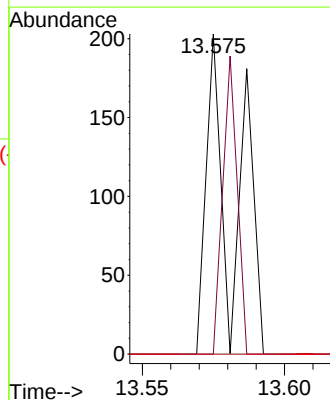
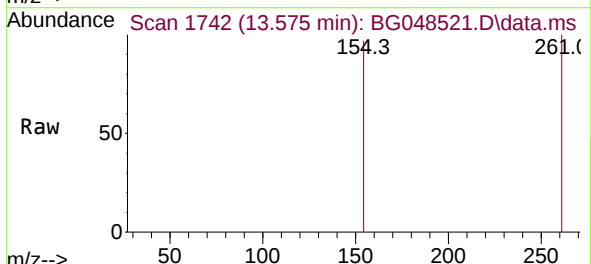
Instrument :
BNA_G
ClientSampleId :
PB135342BL

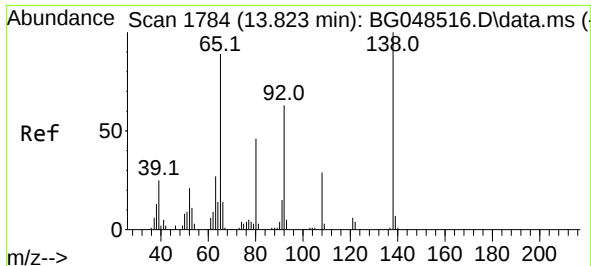
Tgt Ion:	172	Resp:	356598
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.5	42.7
170	22.5	19.8	29.6



#46
1,1'-Biphenyl
Concen: 0.03 ng
RT: 13.575 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:	154	Resp:	135
Ion Ratio	Lower	Upper	
154	100		
153	0.0	17.3	57.3#
76	0.0	0.0	28.6

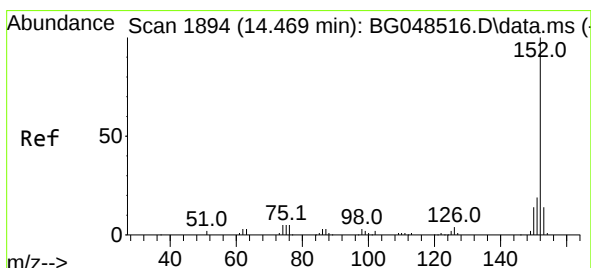
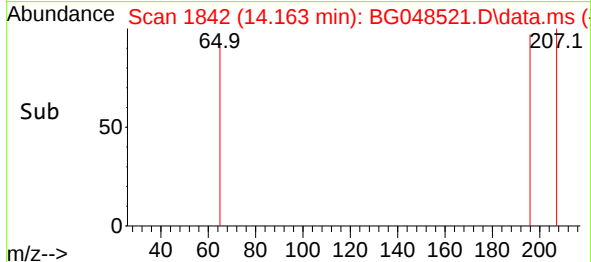
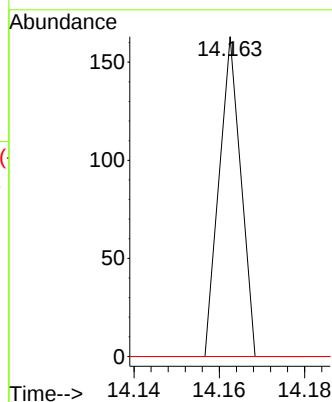
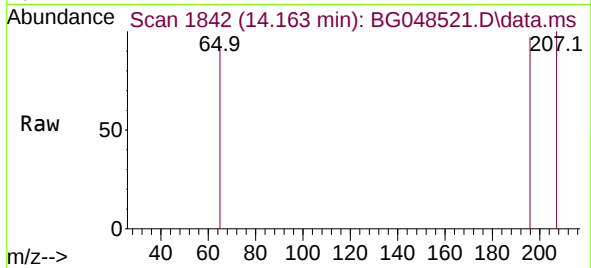




#48
2-Nitroaniline
Concen: 0.05 ng
RT: 14.163 min Scan# 1842
Delta R.T. 0.340 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

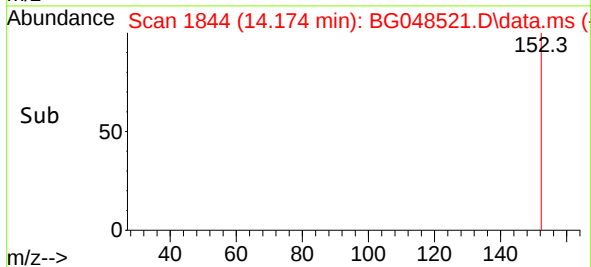
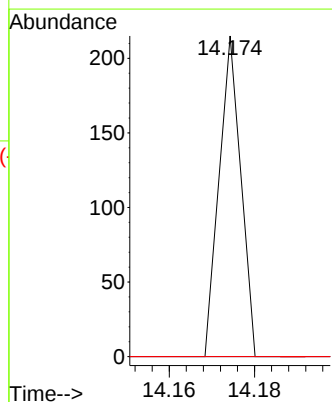
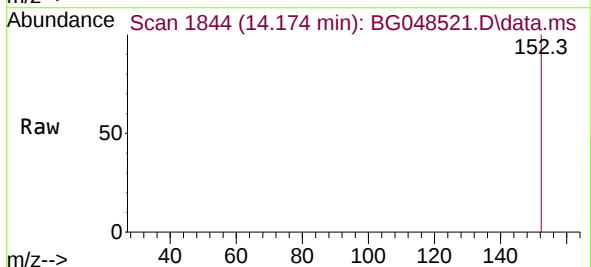
Instrument :
BNA_G
ClientSampleId :
PB135342BL

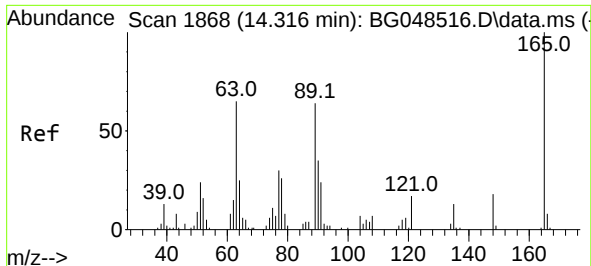
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 56.7 85.1#
138 0.0 89.6 134.4#



#49
Acenaphthylene
Concen: 0.01 ng
RT: 14.174 min Scan# 1844
Delta R.T. -0.295 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion: 152 Resp: 76
Ion Ratio Lower Upper
152 100
151 0.0 15.0 22.6#
153 0.0 11.0 16.6#

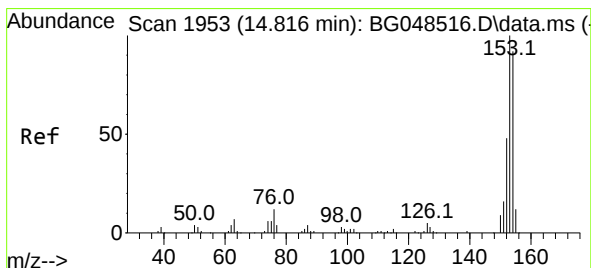
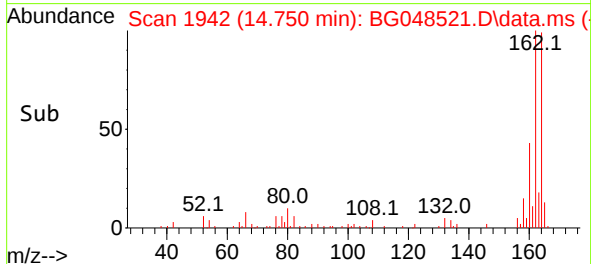
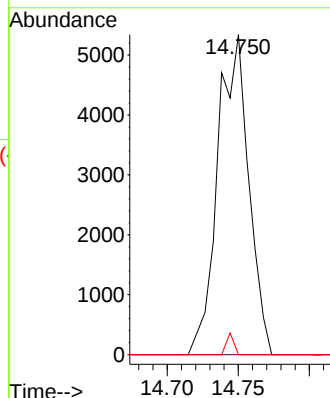
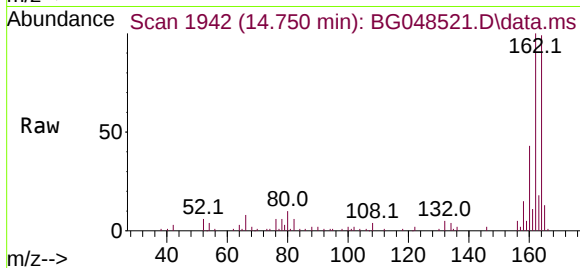




#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.434 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

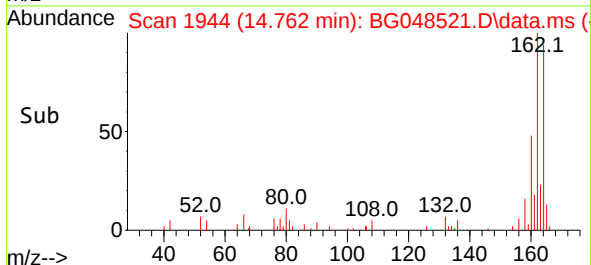
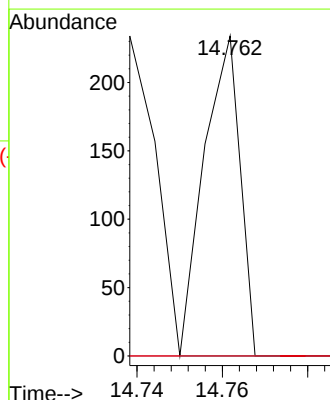
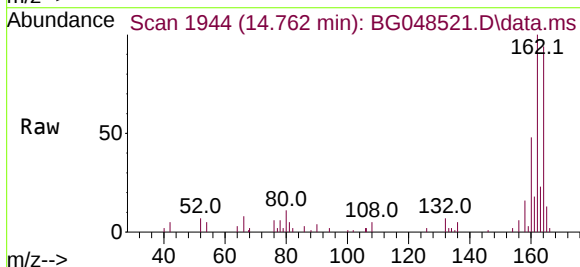
Instrument :
BNA_G
ClientSampleId :
PB135342BL

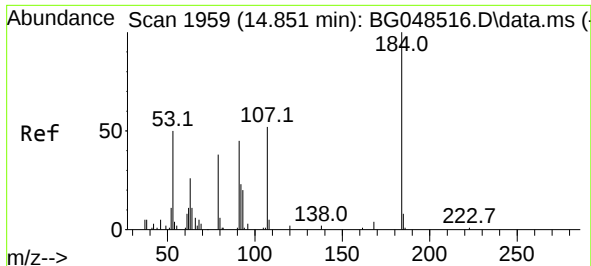
Tgt Ion:165 Resp: 8084
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#52
Acenaphthene
Concen: 0.03 ng
RT: 14.762 min Scan# 1944
Delta R.T. -0.054 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:154 Resp: 137
Ion Ratio Lower Upper
154 100
153 0.0 86.6 129.8#
152 0.0 41.5 62.3#

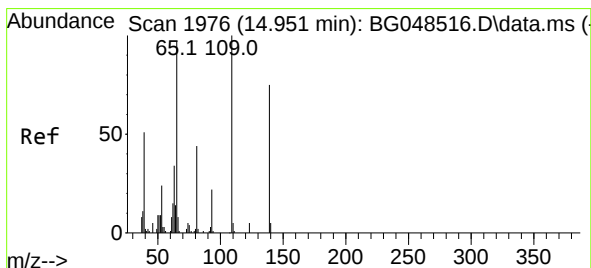
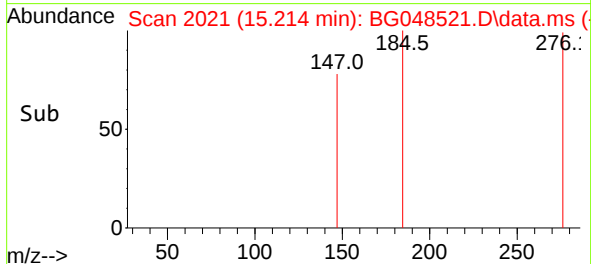
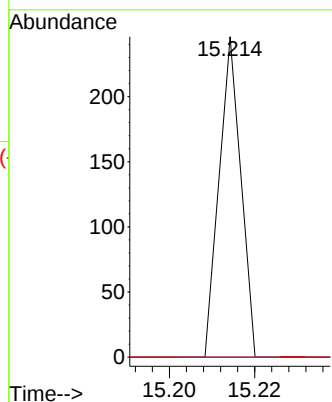
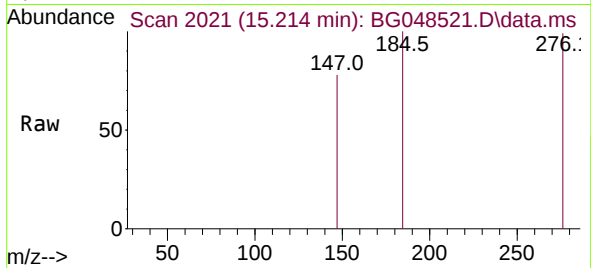




#54
2,4-Dinitrophenol
Concen: 0.15 ng
RT: 15.214 min Scan# 2021
Delta R.T. 0.363 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

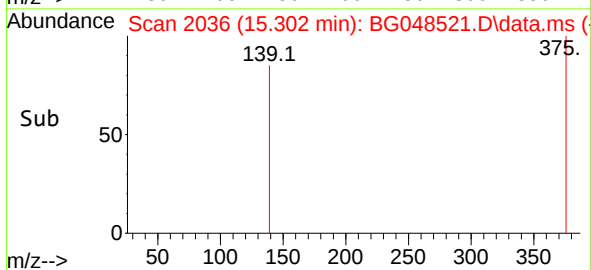
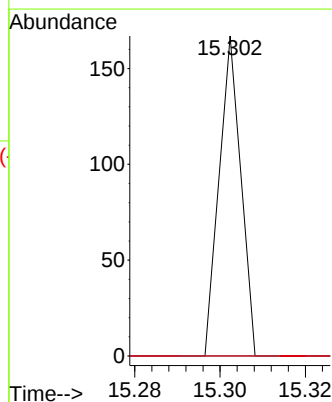
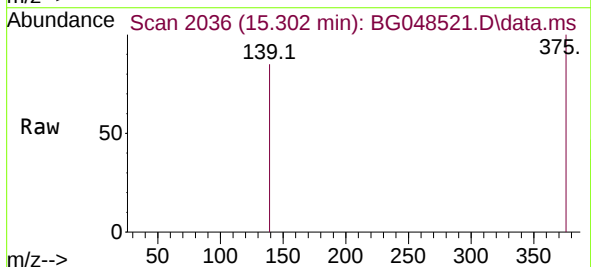
Instrument :
BNA_G
ClientSampleId :
PB135342BL

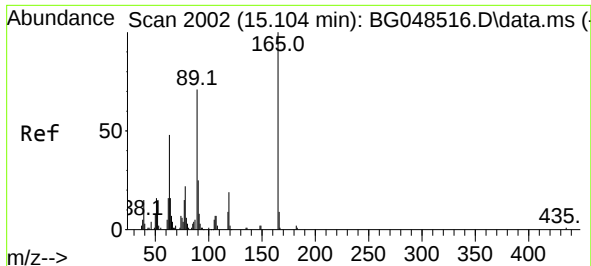
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 56.6 84.8#
154 0.0 54.9 82.3#



#56
4-Nitrophenol
Concen: 0.07 ng
RT: 15.302 min Scan# 2036
Delta R.T. 0.351 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

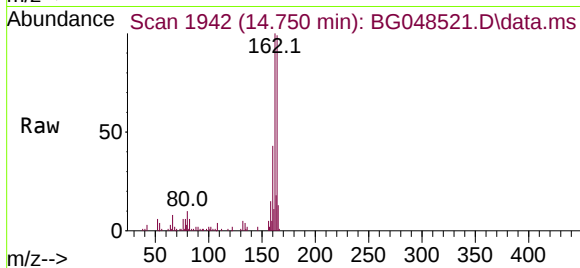
Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 113.0 153.0#
65 0.0 109.4 149.4#



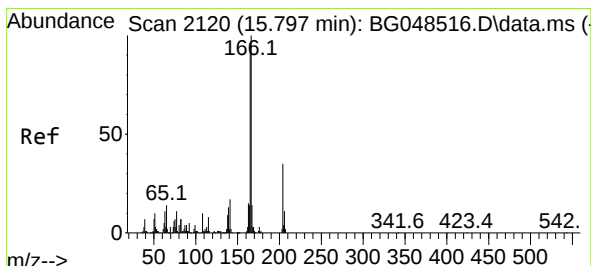
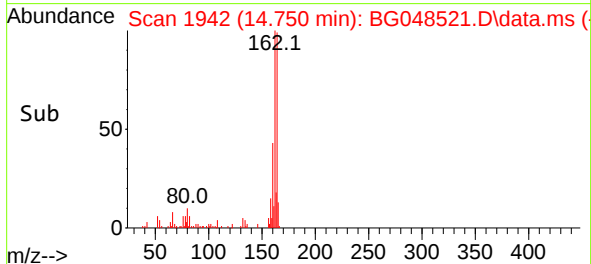
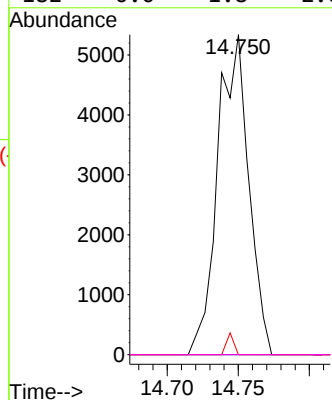


#57
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.354 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Instrument :
BNA_G
ClientSampleId :
PB135342BL

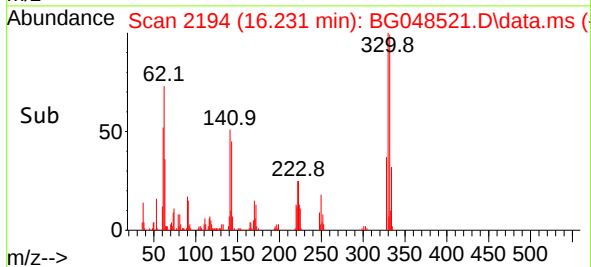
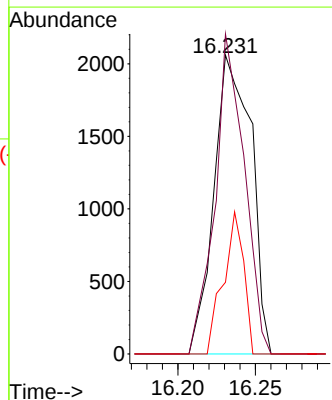
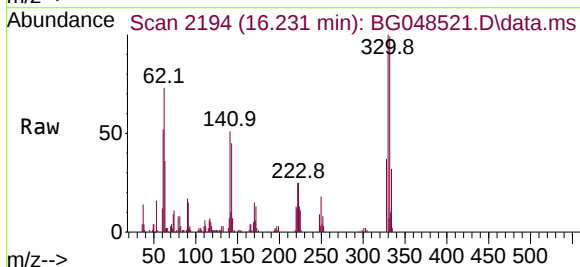


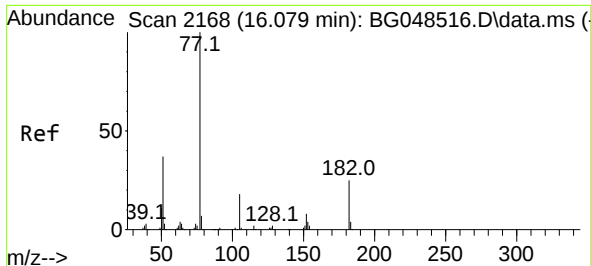
Tgt Ion:165 Resp: 8084
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#58
Fluorene
Concen: 0.71 ng
RT: 16.231 min Scan# 2194
Delta R.T. 0.434 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:166 Resp: 3430
Ion Ratio Lower Upper
166 100
165 107.1 76.8 115.2
167 24.0 11.1 16.7#

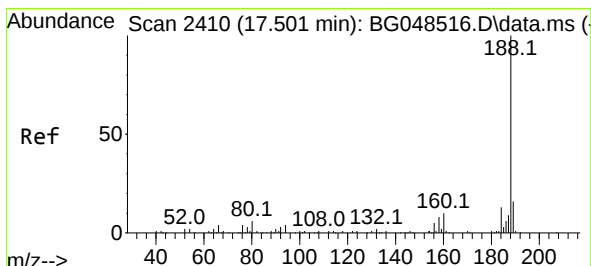
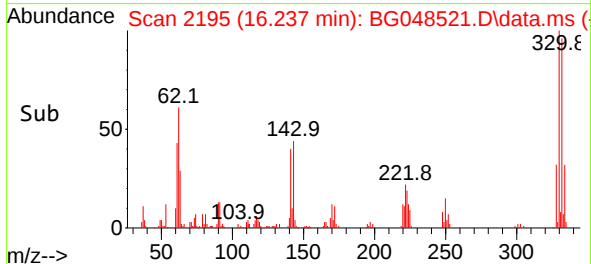
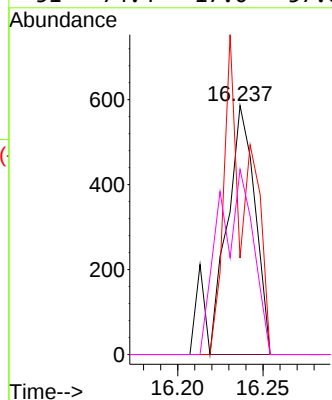
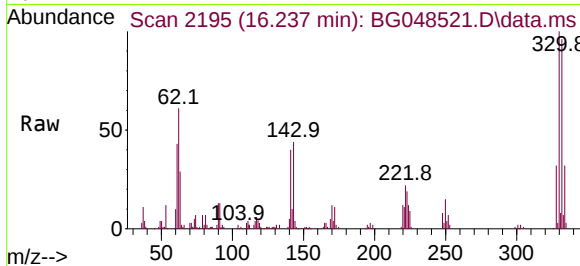




#63
Azobenzene
Concen: 0.16 ng
RT: 16.237 min Scan# 2195
Delta R.T. 0.158 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

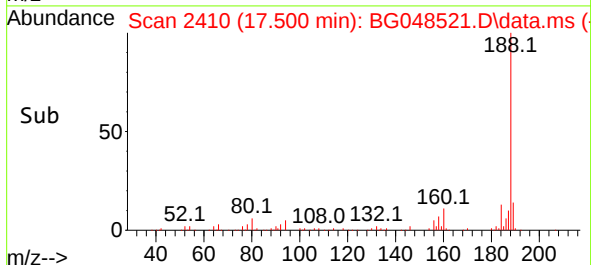
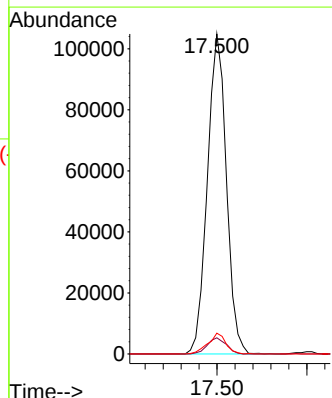
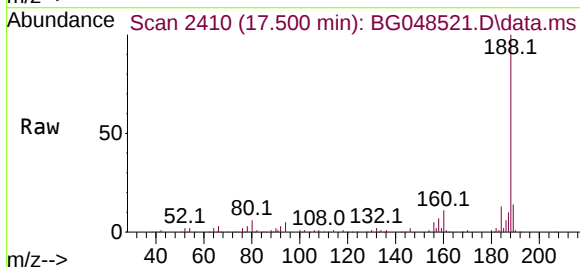
Instrument :
BNA_G
ClientSampleId :
PB135342BL

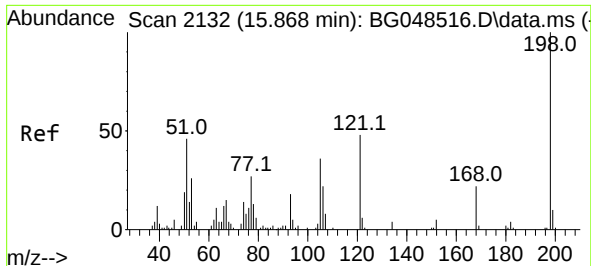
Tgt Ion: 77	Resp: 728
Ion Ratio	Lower Upper
77 100	
182 0.0	5.3 45.3#
105 38.7	0.0 37.8#
51 74.4	17.0 57.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion: 188	Resp: 154115
Ion Ratio	Lower Upper
188 100	
94 5.0	3.0 4.6#
80 6.5	4.5 6.7

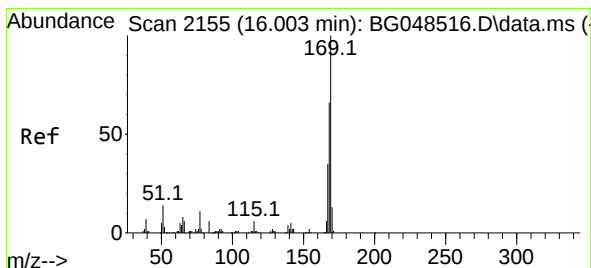
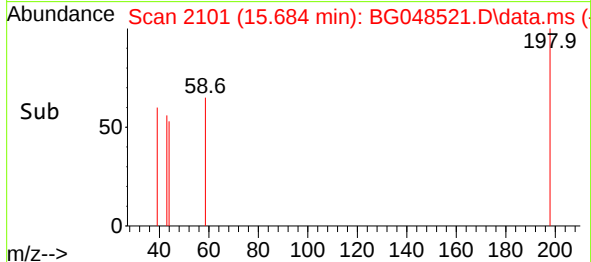
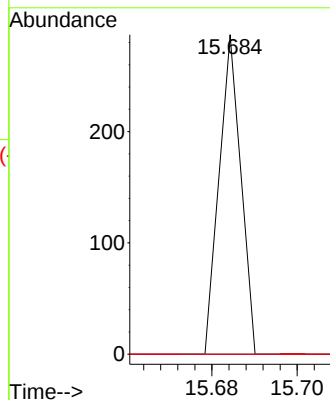
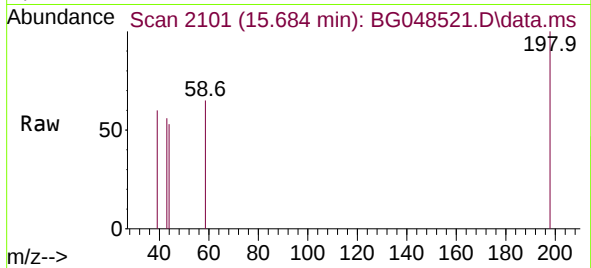




#65
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.684 min Scan# 2101
Delta R.T. -0.183 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

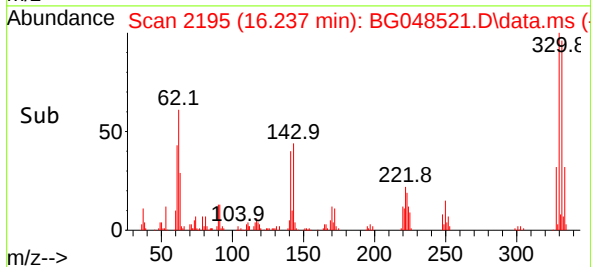
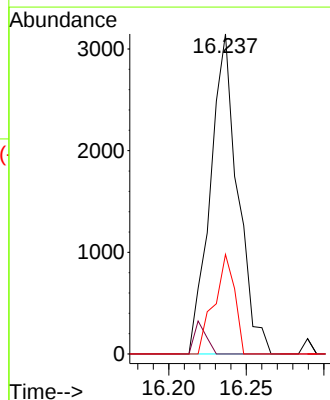
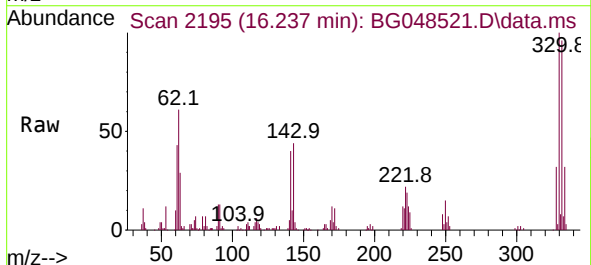
Instrument :
BNA_G
ClientSampleId :
PB135342BL

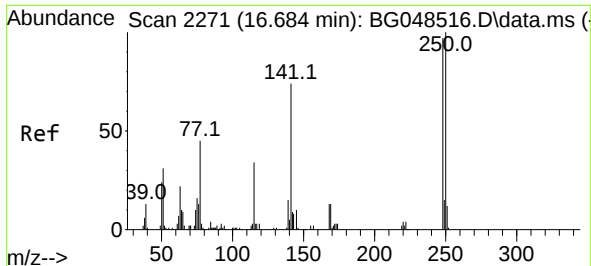
Tgt Ion:198 Resp: 101
Ion Ratio Lower Upper
198 100
51 0.0 26.5 66.5#
105 0.0 16.0 56.0#



#66
n-Nitrosodiphenylamine
Concen: 0.89 ng
RT: 16.237 min Scan# 2195
Delta R.T. 0.234 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:169 Resp: 3882
Ion Ratio Lower Upper
169 100
168 0.0 52.7 79.1#
167 31.1 27.8 41.8

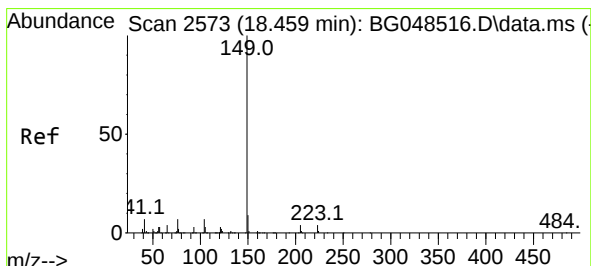
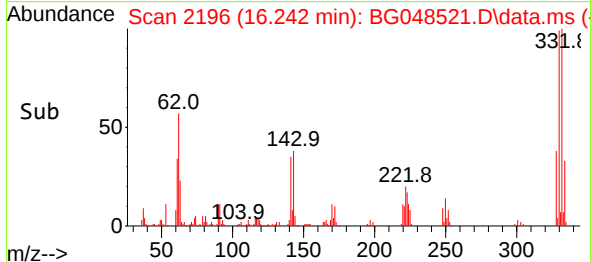
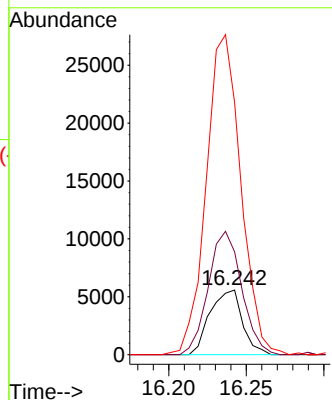
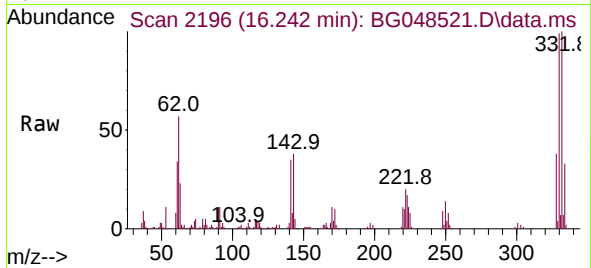




#67
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 16.242 min Scan# 2196
Delta R.T. -0.442 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

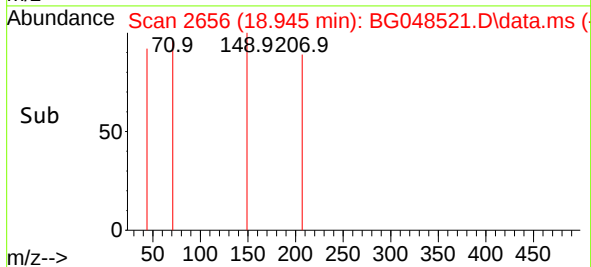
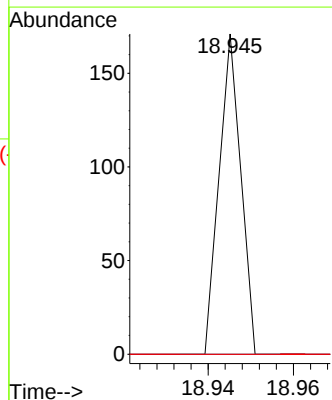
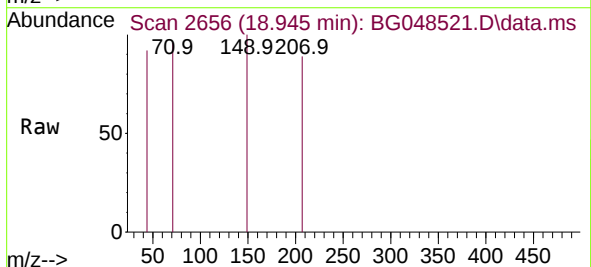
Instrument :
BNA_G
ClientSampleId :
PB135342BL

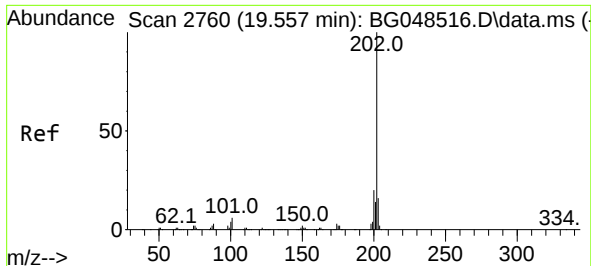
Tgt Ion:248 Resp: 8113
Ion Ratio Lower Upper
248 100
250 159.2 82.6 124.0#
141 390.7 61.0 91.6#



#74
Di-n-butylphthalate
Concen: 0.01 ng
RT: 18.945 min Scan# 2656
Delta R.T. 0.487 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:149 Resp: 60
Ion Ratio Lower Upper
149 100
150 0.0 7.0 10.4#
104 0.0 5.9 8.9#

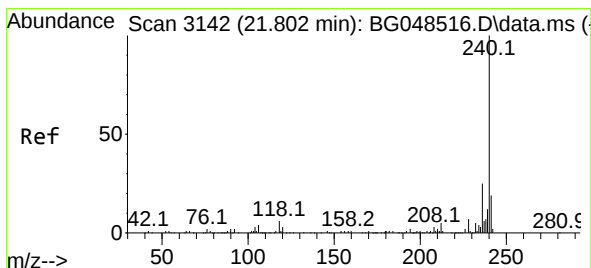
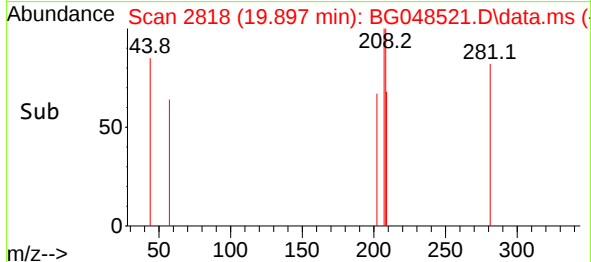
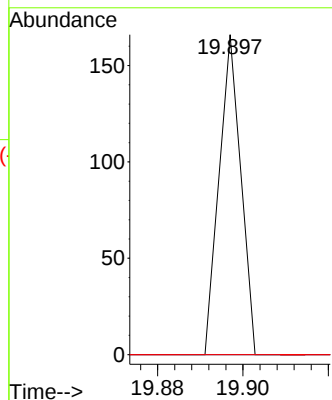
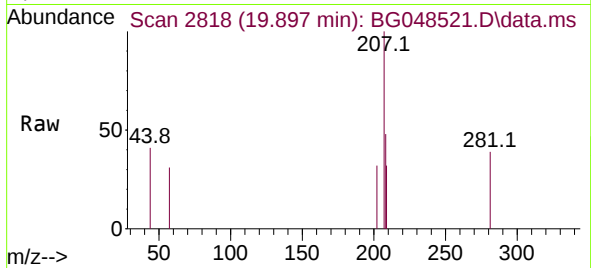




#75
Fluoranthene
Concen: 0.01 ng
RT: 19.897 min Scan# 2818
Delta R.T. 0.340 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

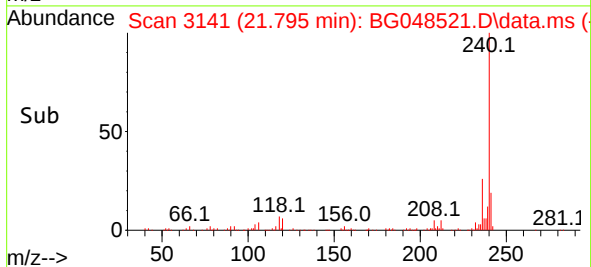
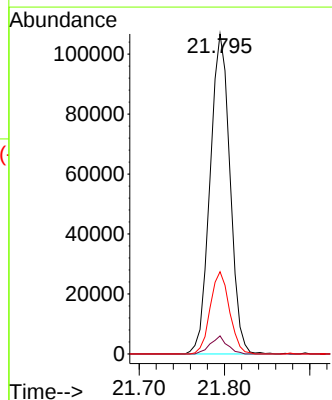
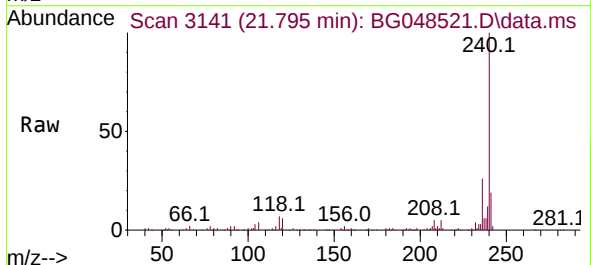
Instrument :
BNA_G
ClientSampleId :
PB135342BL

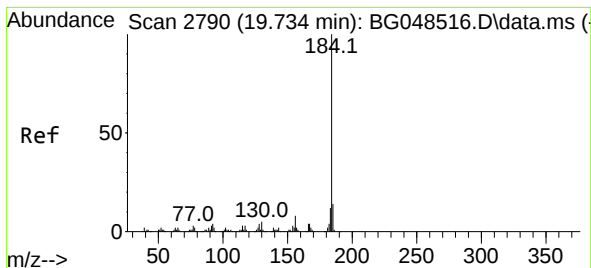
Tgt Ion:202 Resp: 59
Ion Ratio Lower Upper
202 100
101 0.0 0.0 25.8
203 0.0 0.0 36.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:240 Resp: 173493
Ion Ratio Lower Upper
240 100
120 5.7 2.6 3.8#
236 25.7 19.8 29.6





#77

Benzidine

Concen: 2.38 ng

RT: 20.114 min Scan# 2855

Delta R.T. 0.381 min

Lab File: BG048521.D

Acq: 30 Mar 2021 23:27

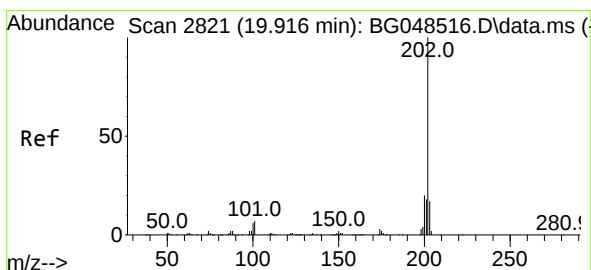
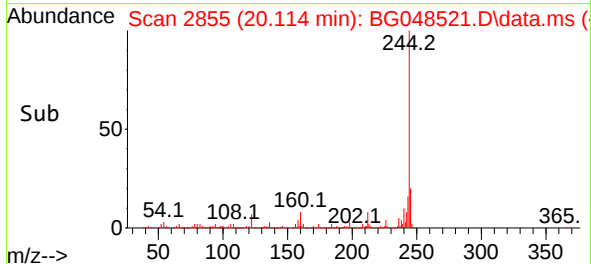
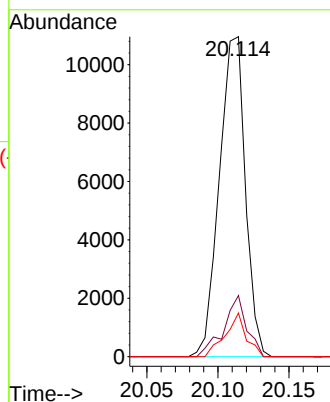
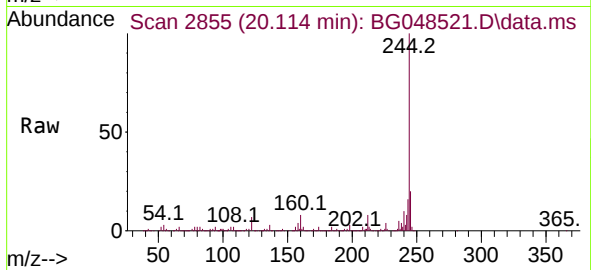
Tgt Ion:184	Resp:	13962
Ion Ratio	Lower	Upper
184	100	
185	19.1	11.0 16.4#
183	13.6	9.2 13.8

Instrument :

BNA_G

ClientSampleId :

PB135342BL



#78

Pyrene

Concen: 0.25 ng

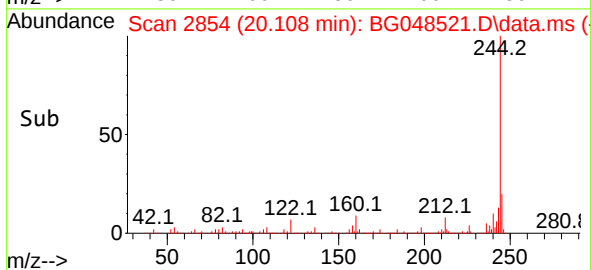
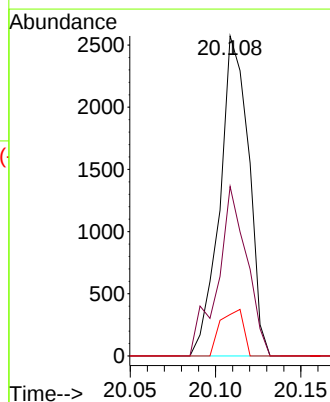
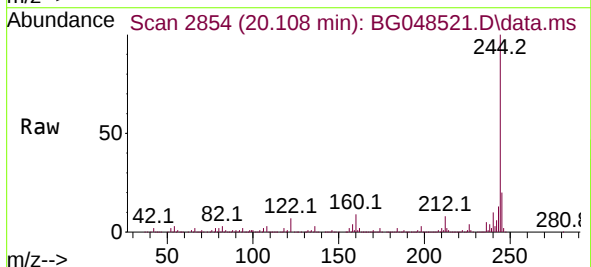
RT: 20.108 min Scan# 2854

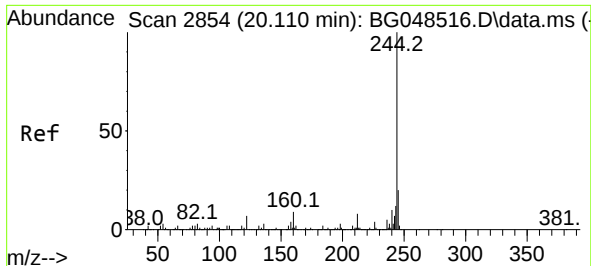
Delta R.T. 0.193 min

Lab File: BG048521.D

Acq: 30 Mar 2021 23:27

Tgt Ion:202	Resp:	3035
Ion Ratio	Lower	Upper
202	100	
200	52.9	16.1 24.1#
203	12.9	13.6 20.4#

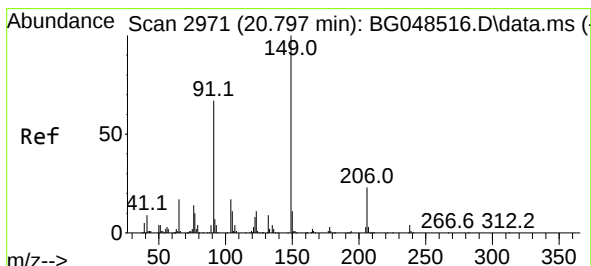
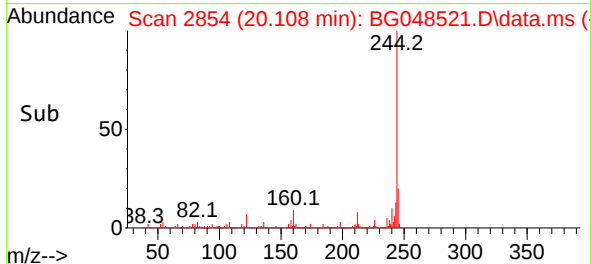
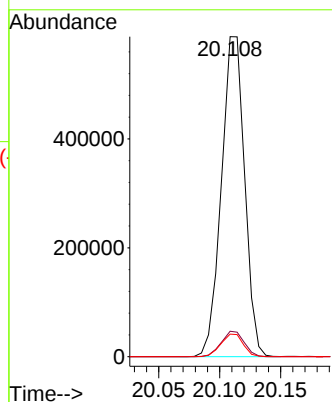
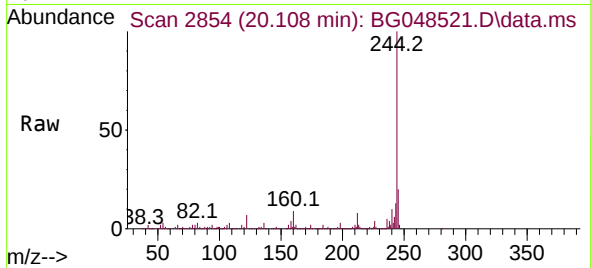




#79
 Terphenyl-d14
 Concen: 82.32 ng
 RT: 20.108 min Scan# 2854
 Delta R.T. -0.002 min
 Lab File: BG048521.D
 Acq: 30 Mar 2021 23:27

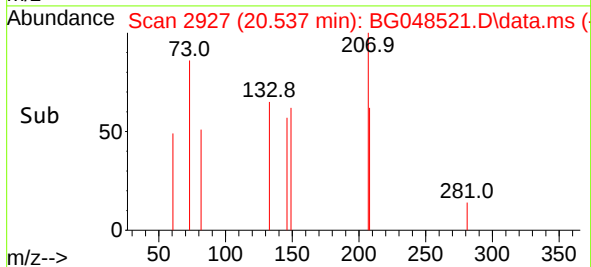
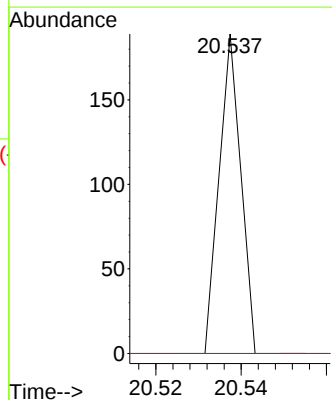
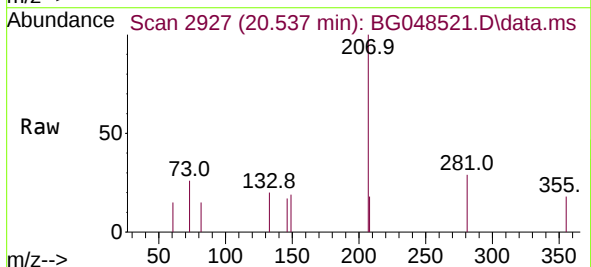
Instrument :
 BNA_G
 ClientSampleId :
 PB135342BL

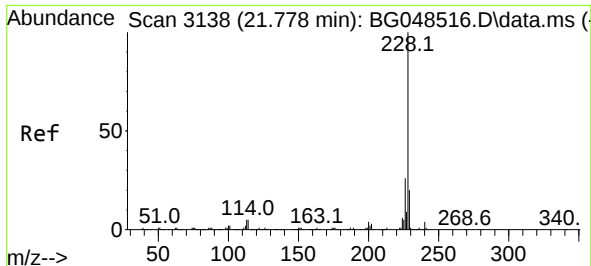
Tgt Ion:244 Resp: 781010
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 7.1 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 20.537 min Scan# 2927
 Delta R.T. -0.260 min
 Lab File: BG048521.D
 Acq: 30 Mar 2021 23:27

Tgt Ion:149 Resp: 67
 Ion Ratio Lower Upper
 149 100
 91 0.0 53.6 80.4#
 206 0.0 18.3 27.5#

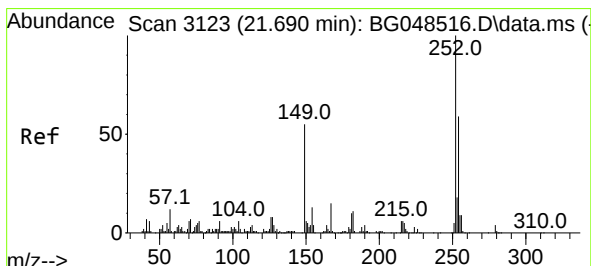
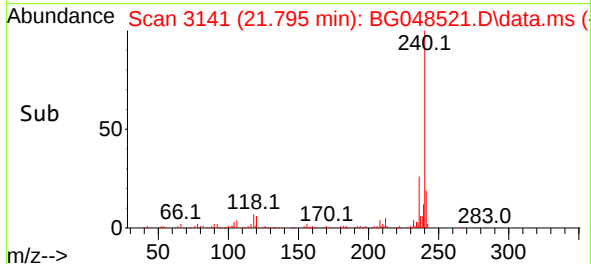
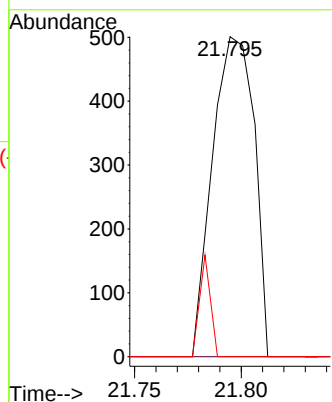
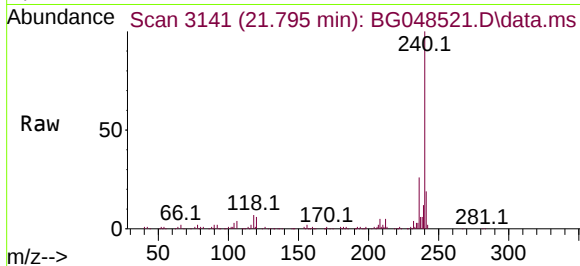




#81
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.795 min Scan# 3141
Delta R.T. 0.017 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

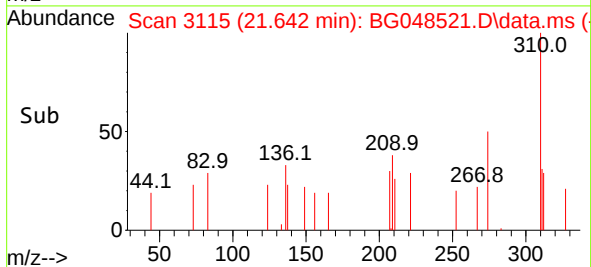
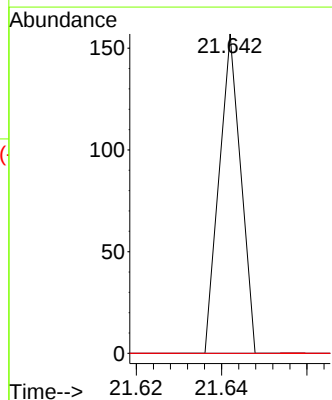
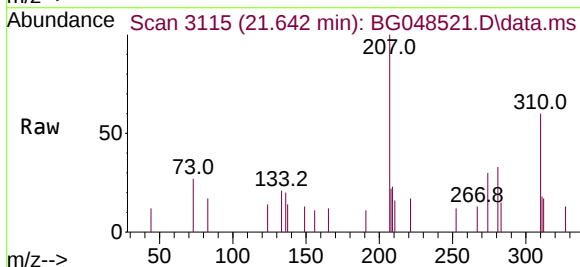
Instrument :
BNA_G
ClientSampleId :
PB135342BL

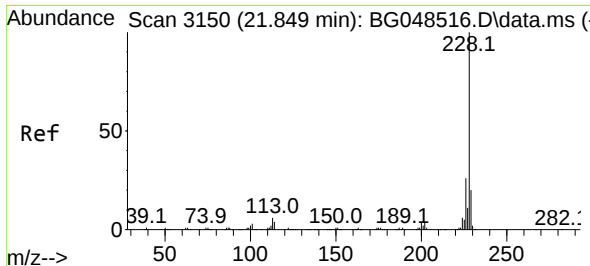
Tgt Ion:228 Resp: 683
Ion Ratio Lower Upper
228 100
226 0.0 20.6 30.8#
229 0.0 15.8 23.8#



#82
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 21.642 min Scan# 3115
Delta R.T. -0.048 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:252 Resp: 55
Ion Ratio Lower Upper
252 100
254 0.0 47.4 71.2#
126 0.0 6.1 9.1#

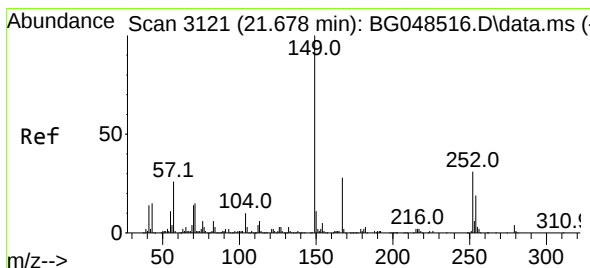
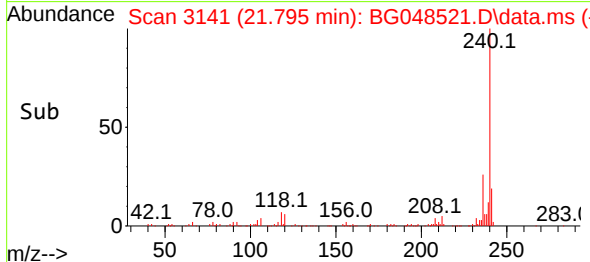
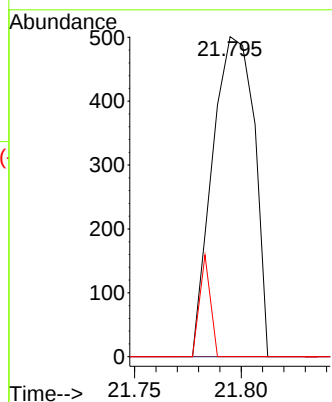
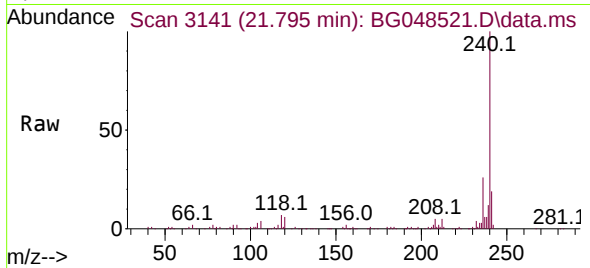




#83
Chrysene
Concen: 0.06 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.054 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

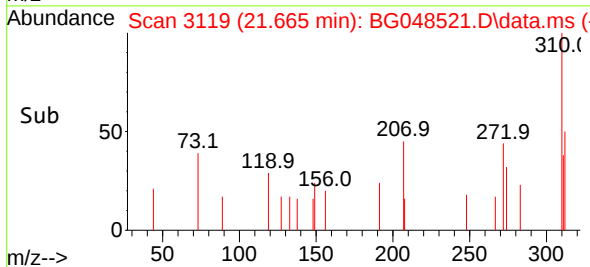
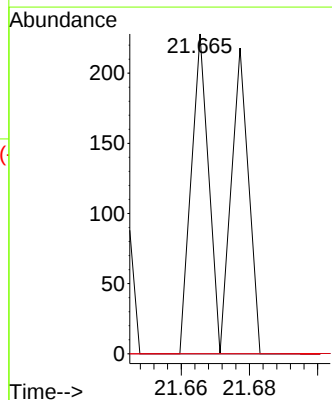
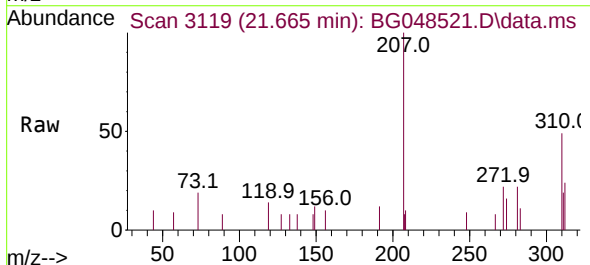
Instrument :
BNA_G
ClientSampleId :
PB135342BL

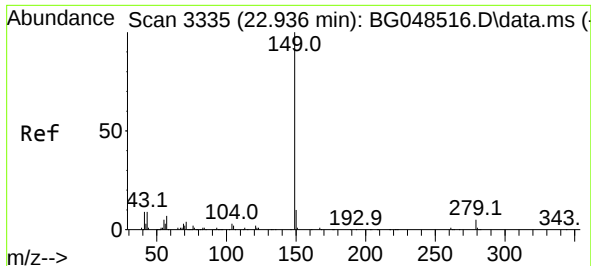
Tgt Ion:228	Resp:	683
Ion Ratio	Lower	Upper
228	100	
226	0.0	20.6 31.0#
229	0.0	16.3 24.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.665 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:149	Resp:	157
Ion Ratio	Lower	Upper
149	100	
167	0.0	22.4 33.6#
279	0.0	3.4 5.2#

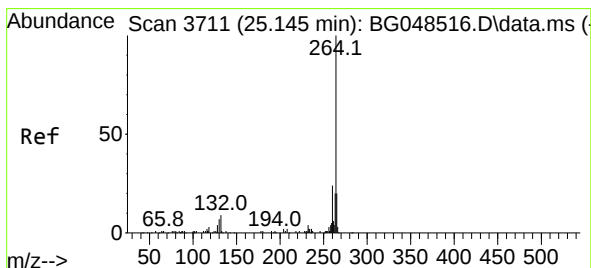
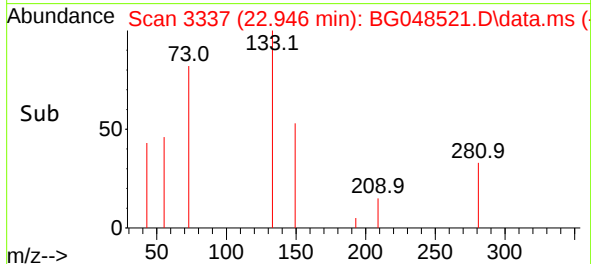
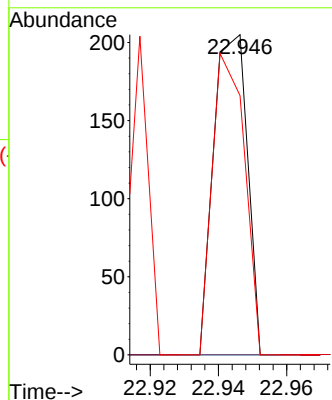
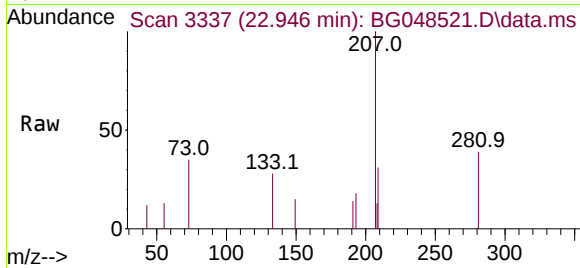




#85
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.946 min Scan# 3337
Delta R.T. 0.011 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

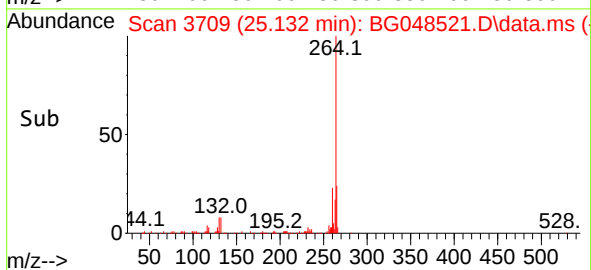
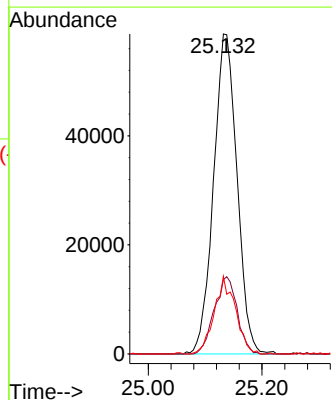
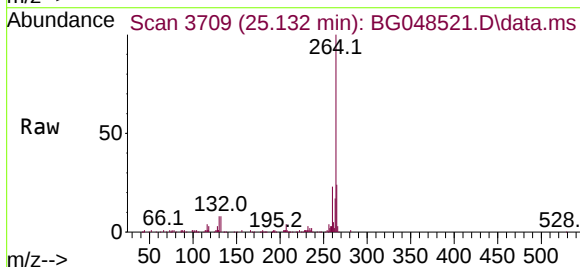
Instrument :
BNA_G
ClientSampleId :
PB135342BL

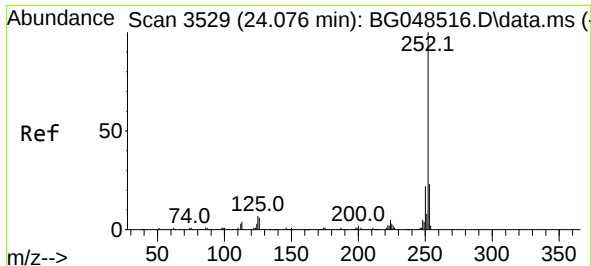
Tgt Ion:149 Resp: 141
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 90.1 7.4 11.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.132 min Scan# 3709
Delta R.T. -0.013 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:264 Resp: 167948
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 24.3 16.1 24.1#

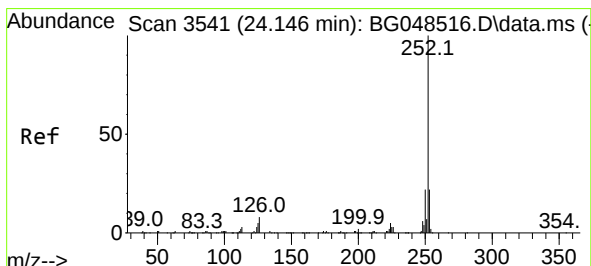
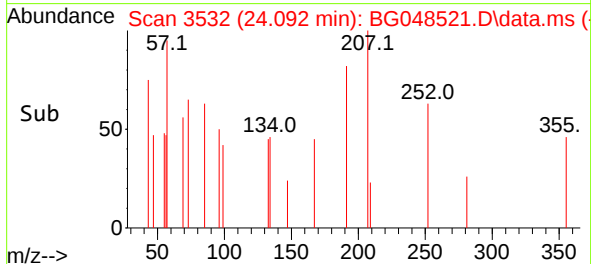
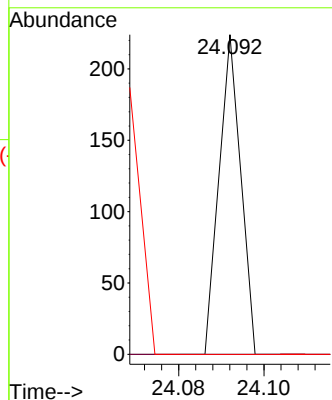
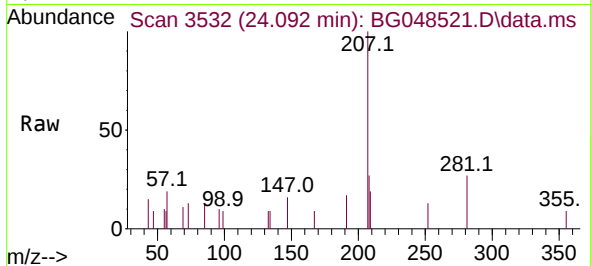




#88
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 24.092 min Scan# 3532
Delta R.T. 0.016 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

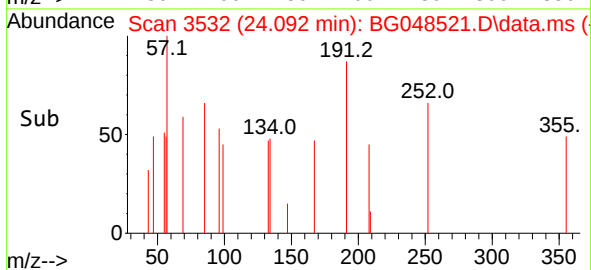
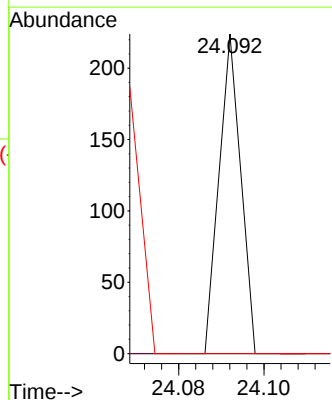
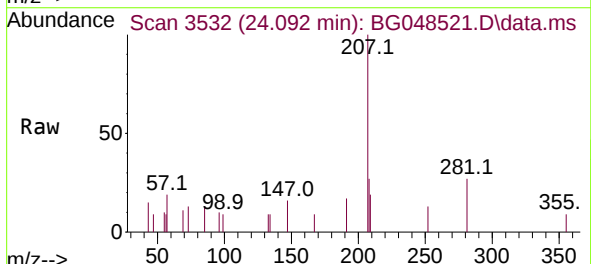
Instrument :
BNA_G
ClientSampleId :
PB135342BL

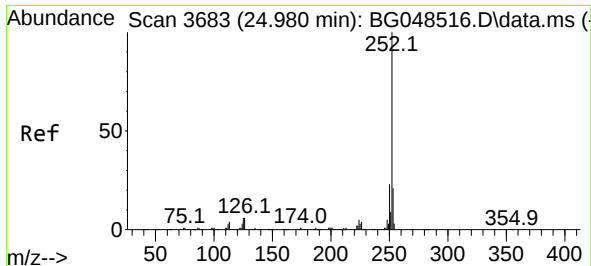
Tgt Ion:252 Resp: 79
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 5.3 7.9#



#89
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 24.092 min Scan# 3532
Delta R.T. -0.054 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:252 Resp: 79
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 3.9 5.9#

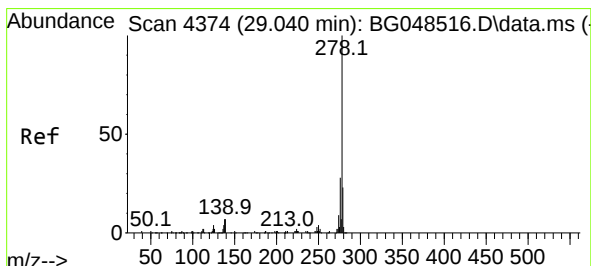
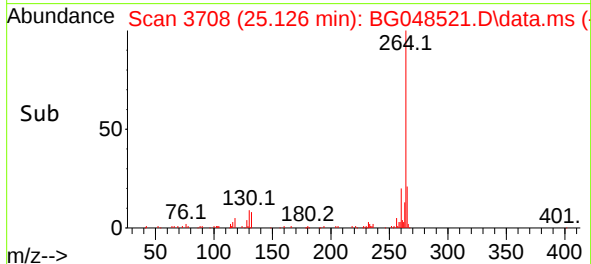
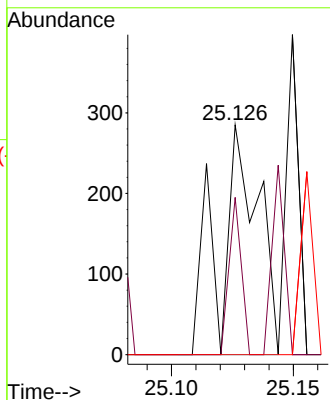
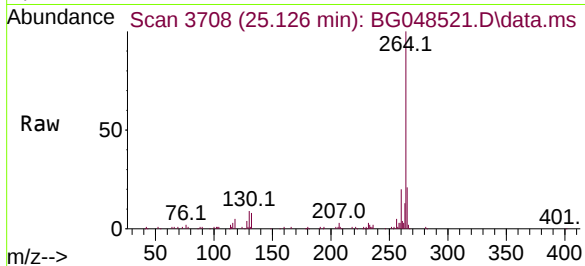




#90
Benzo(a)pyrene
Concen: 0.03 ng
RT: 25.126 min Scan# 3708
Delta R.T. 0.146 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

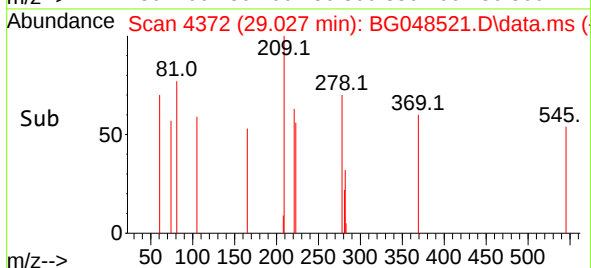
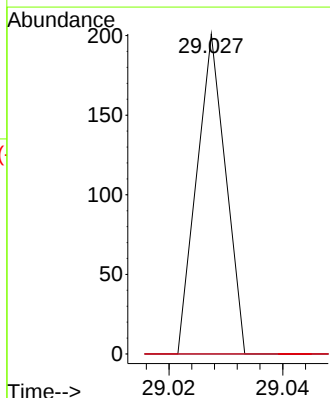
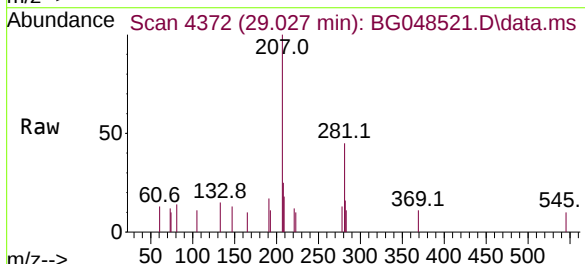
Instrument :
BNA_G
ClientSampleId :
PB135342BL

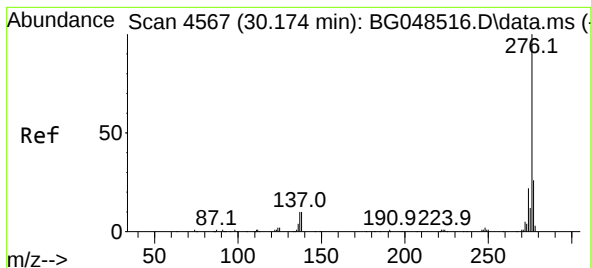
Tgt Ion:252 Resp: 318
Ion Ratio Lower Upper
252 100
253 68.4 17.1 25.7#
125 0.0 4.4 6.6#



#91
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 29.027 min Scan# 4372
Delta R.T. -0.013 min
Lab File: BG048521.D
Acq: 30 Mar 2021 23:27

Tgt Ion:278 Resp: 71
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.6#
279 0.0 18.6 28.0#





#92
 Benzo(g,h,i)perylene
 Concen: 0.01 ng
 RT: 30.191 min Scan# 4570
 Delta R.T. 0.016 min
 Lab File: BG048521.D
 Acq: 30 Mar 2021 23:27

Instrument :
 BNA_G
 ClientSampleId :
 PB135342BL

Tgt Ion:276 Resp: 54
 Ion Ratio Lower Upper
 276 100
 277 0.0 20.4 30.6#
 138 0.0 8.1 12.1#

