

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
 Data File : BG053531.D
 Acq On : 12 May 2022 15:28
 Operator : CG/JU
 Sample : PB144706BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144706BS

Quant Time: May 13 06:36:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	23246	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	102412	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	85549	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	211918	20.000	ng	0.00
76) Chrysene-d12	21.740	240	205976	20.000	ng	0.00
86) Perylene-d12	25.018	264	215351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	189755	138.536	ng	0.00
7) Phenol-d6	7.248	99	280068	134.728	ng	0.00
23) Nitrobenzene-d5	9.251	82	194267	80.749	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	157567	124.880	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	456616	77.996	ng	0.00
79) Terphenyl-d14	20.060	244	945253	85.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.524	88	25718	35.785	ng	93
3) Pyridine	3.929	79	53718	30.607	ng	98
4) n-Nitrosodimethylamine	3.841	42	34643	40.520	ng	# 99
6) Aniline	7.407	93	100934	43.839	ng	95
8) 2-Chlorophenol	7.653	128	68722	47.993	ng	95
9) Benzaldehyde	7.219	77	46967	35.565	ng	88
10) Phenol	7.277	94	97873	48.140	ng	97
11) bis(2-Chloroethyl)ether	7.495	93	66777	44.040	ng	97
12) 1,3-Dichlorobenzene	7.976	146	68834	40.748	ng	93
13) 1,4-Dichlorobenzene	8.123	146	70070	41.106	ng	100
14) 1,2-Dichlorobenzene	8.441	146	68160	42.581	ng	99
15) Benzyl Alcohol	8.323	79	80767	46.473	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.611	45	105145	42.606	ng	97
17) 2-Methylphenol	8.529	107	67566	49.169	ng	95
18) Hexachloroethane	9.175	117	26374	40.743	ng	97
19) n-Nitroso-di-n-propyla...	8.887	70	65999	44.250	ng	98
20) 3+4-Methylphenols	8.858	107	91010	46.895	ng	97
22) Acetophenone	8.905	105	111390	39.741	ng	# 98
24) Nitrobenzene	9.292	77	98631	42.358	ng	98
25) Isophorone	9.809	82	184073	45.463	ng	98
26) 2-Nitrophenol	10.009	139	39662	42.055	ng	94
27) 2,4-Dimethylphenol	10.062	122	72415	51.022	ng	95
28) bis(2-Chloroethoxy)met...	10.291	93	96926	41.623	ng	98
29) 2,4-Dichlorophenol	10.549	162	78868	46.042	ng	96
30) 1,2,4-Trichlorobenzene	10.761	180	79618	40.909	ng	98
31) Naphthalene	10.949	128	215781	41.421	ng	98
32) Benzoic acid	10.238	122	27263	33.783	ng	93
33) 4-Chloroaniline	11.055	127	70444	32.289	ng	97
34) Hexachlorobutadiene	11.231	225	57543	39.872	ng	97
35) Caprolactam	11.818	113	12096	19.432	ng	97
36) 4-Chloro-3-methylphenol	12.177	107	92997	45.386	ng	98
37) 2-Methylnaphthalene	12.547	142	161524	41.548	ng	97
38) 1-Methylnaphthalene	12.764	142	156436	41.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.917	216	106927	39.652	ng	99
41) Hexachlorocyclopentadiene	12.893	237	100938	90.582	ng	97
43) 2,4,6-Trichlorophenol	13.152	196	72208	41.022	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	80193	42.806	ng	96
46) 1,1'-Biphenyl	13.545	154	228343	39.158	ng	99
47) 2-Chloronaphthalene	13.592	162	178631	39.099	ng	99
48) 2-Nitroaniline	13.792	65	75302	44.233	ng	98
49) Acenaphthylene	14.438	152	312678	42.889	ng	99
50) Dimethylphthalate	14.162	163	267448	41.140	ng	99
51) 2,6-Dinitrotoluene	14.280	165	57102	43.114	ng	97
52) Acenaphthene	14.773	154	175004	40.279	ng	99
53) 3-Nitroaniline	14.615	138	48975	34.223	ng	99
54) 2,4-Dinitrophenol	14.826	184	64666	77.158	ng	97
55) Dibenzofuran	15.108	168	307215	39.366	ng	98
56) 4-Nitrophenol	14.932	139	88278	86.367	ng	87
57) 2,4-Dinitrotoluene	15.073	165	83723	43.610	ng	# 85
58) Fluorene	15.760	166	257656	41.142	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.343	232	76487	40.240	ng	97
60) Diethylphthalate	15.519	149	282312	42.040	ng	98
61) 4-Chlorophenyl-phenyle...	15.742	204	144071	41.227	ng	99
62) 4-Nitroaniline	15.778	138	61029	41.117	ng	97
63) Azobenzene	16.036	77	279152	40.595	ng	98
65) 4,6-Dinitro-2-methylph...	15.842	198	50904	40.312	ng	96
66) n-Nitrosodiphenylamine	15.960	169	232212	41.735	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	103715	41.906	ng	98
68) Hexachlorobenzene	16.770	284	113294	41.798	ng	98
69) Atrazine	16.906	200	105414	45.004	ng	95
70) Pentachlorophenol	17.117	266	110519	75.962	ng	93
71) Phenanthrene	17.499	178	451071	41.860	ng	98
72) Anthracene	17.593	178	452331	42.707	ng	99
73) Carbazole	17.857	167	412917	39.779	ng	99
74) Di-n-butylphthalate	18.403	149	484084	41.465	ng	100
75) Fluoranthene	19.508	202	577150	41.366	ng	99
77) Benzidine	19.678	184	283279	63.808	ng	99
78) Pyrene	19.872	202	567023	42.525	ng	99
80) Butylbenzylphthalate	20.741	149	208667	42.677	ng	98
81) Benzo(a)anthracene	21.717	228	552313	42.041	ng	99
82) 3,3'-Dichlorobenzidine	21.623	252	152765	45.854	ng	98
83) Chrysene	21.787	228	505170	41.171	ng	97
84) Bis(2-ethylhexyl)phtha...	21.605	149	291354	43.173	ng	99
85) Di-n-octyl phthalate	22.833	149	499669	43.785	ng	99
87) Indeno(1,2,3-cd)pyrene	28.778	276	621704	41.450	ng	# 97
88) Benzo(b)fluoranthene	23.978	252	577264	45.286	ng	99
89) Benzo(k)fluoranthene	24.043	252	547876	43.739	ng	100
90) Benzo(a)pyrene	24.865	252	557470	51.382	ng	98
91) Dibenzo(a,h)anthracene	28.831	278	537865	43.521	ng	99
92) Benzo(g,h,i)perylene	29.958	276	538659	43.970	ng	97

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

Instrument :

BNA G

ClientSampleId :

PB144706BS

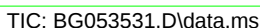
Quant Time: May 13 06:36:17 2022

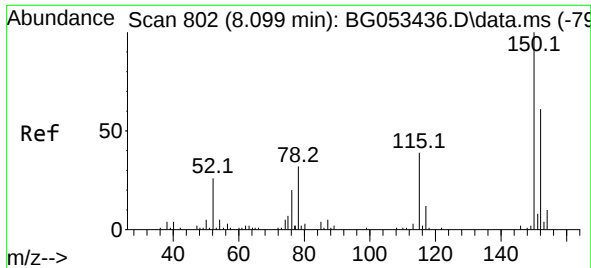
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QLast Update : Wed May 11 06:00:46 2022

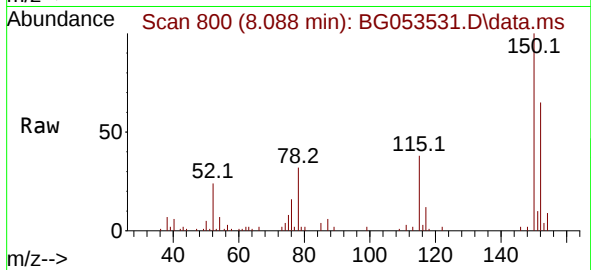
Response via : Initial Calibration



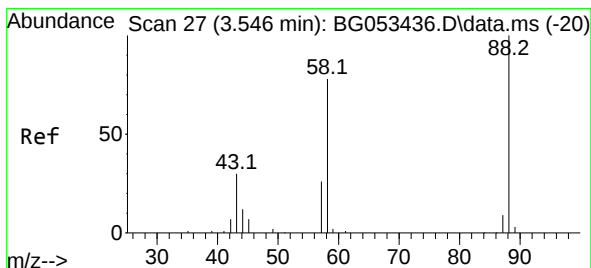
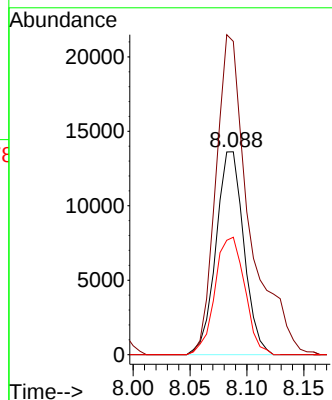
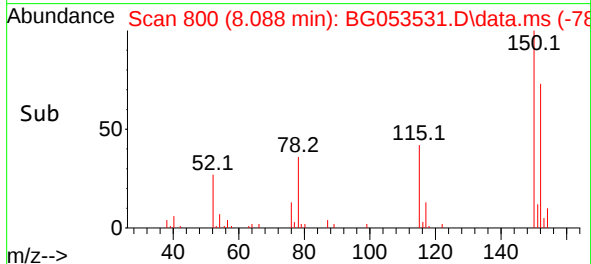


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

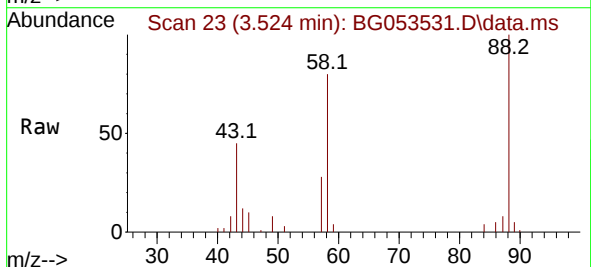
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BNA_G
ClientSampleId :
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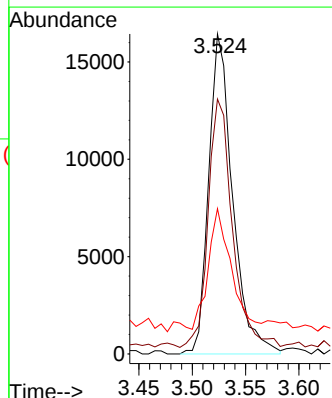
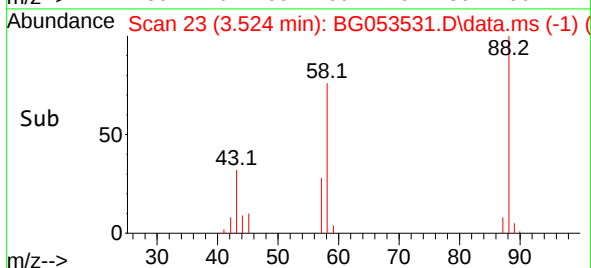
Tgt Ion:152 Resp: 23246
Ion Ratio Lower Upper
152 100
150 154.4 131.6 197.4
115 57.9 50.9 76.3

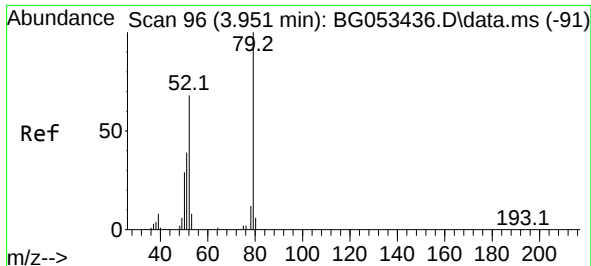


#2
1,4-Dioxane
Concen: 35.785 ng
RT: 3.524 min Scan# 23
Delta R.T. -0.013 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28



Tgt Ion: 88 Resp: 25718
Ion Ratio Lower Upper
88 100
58 78.7 59.2 88.8
43 35.8 24.3 36.5

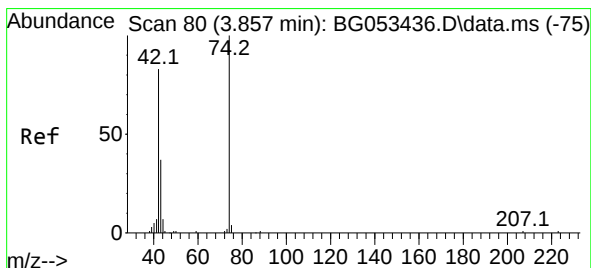
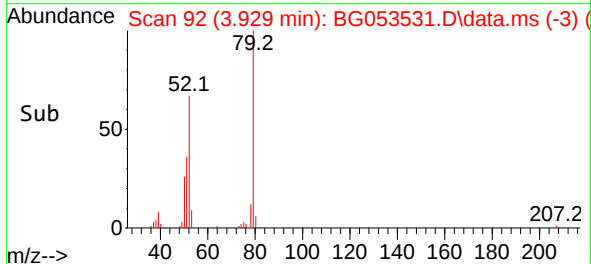
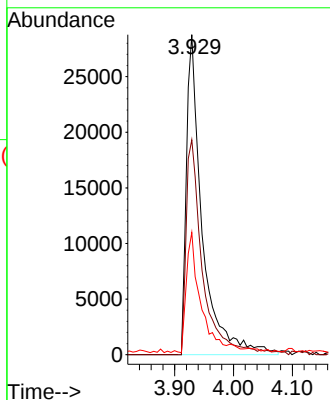
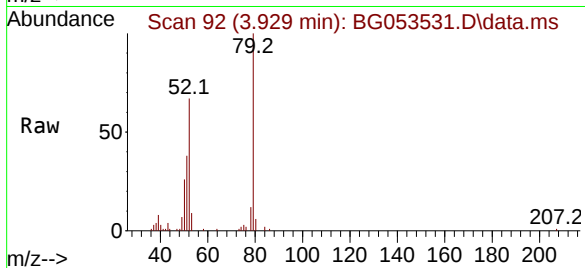




#3
Pyridine
Concen: 30.607 ng
RT: 3.929 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

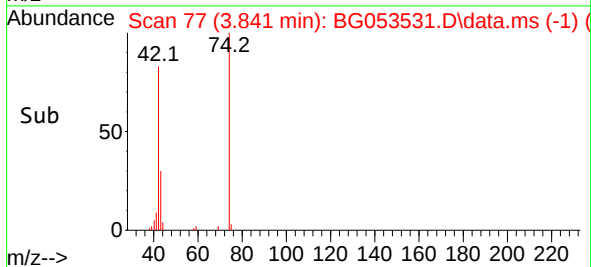
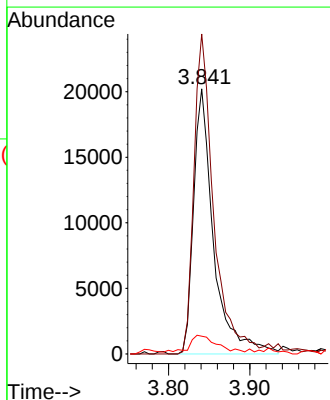
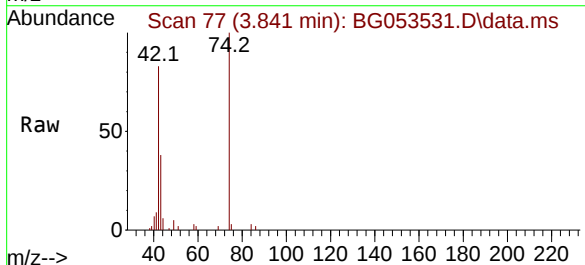
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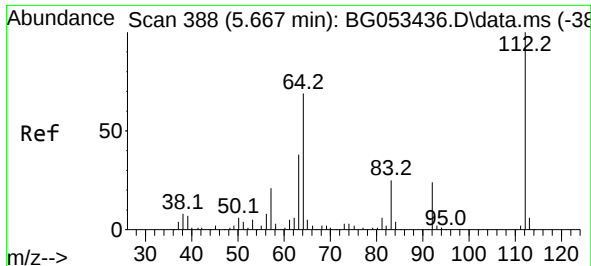
Tgt Ion: 79 Resp: 53718
Ion Ratio Lower Upper
79 100
52 67.2 54.6 81.8
51 38.2 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 40.520 ng
RT: 3.841 min Scan# 77
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion: 42 Resp: 34643
Ion Ratio Lower Upper
42 100
74 120.7 97.0 145.4
44 6.7 7.0 10.4

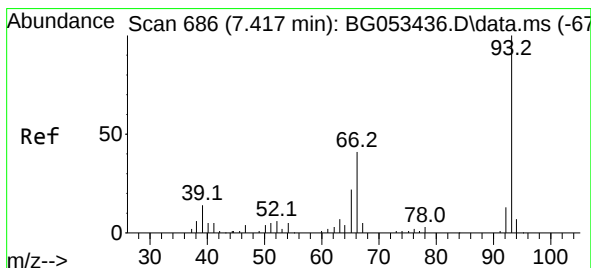
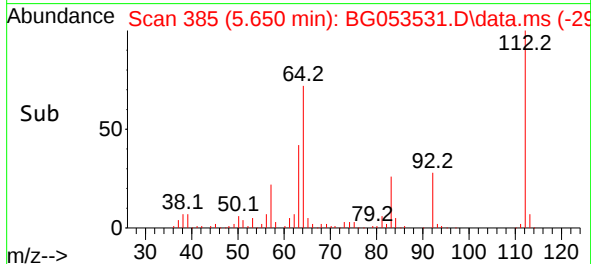
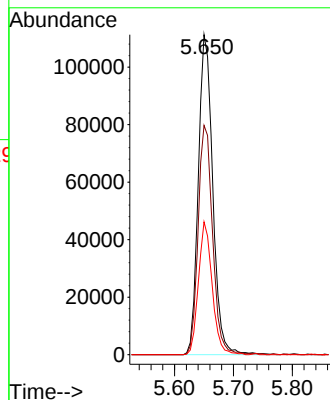
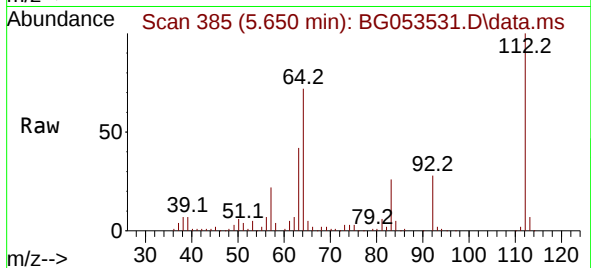




#5
2-Fluorophenol
Concen: 138.536 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

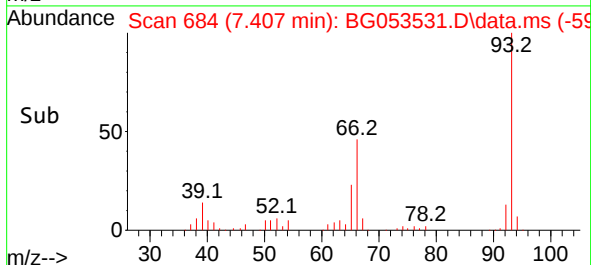
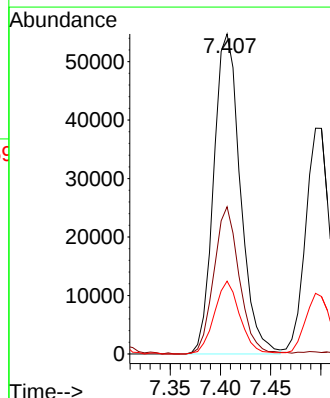
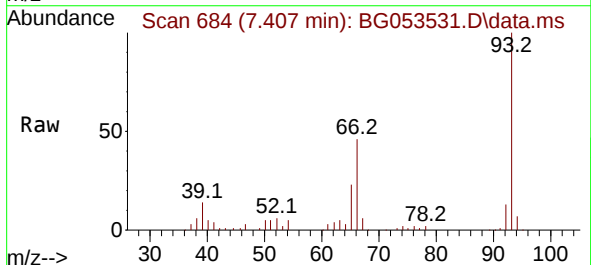
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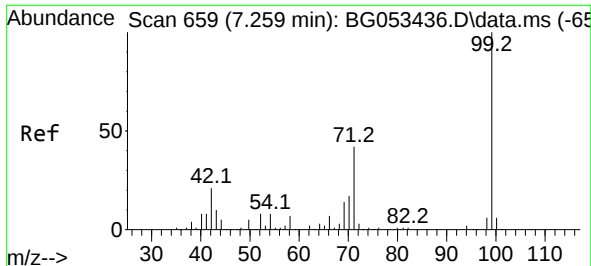
Tgt Ion:112 Resp: 189755
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 41.5 30.4 45.6



#6
Aniline
Concen: 43.839 ng
RT: 7.407 min Scan# 684
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion: 93 Resp: 100934
Ion Ratio Lower Upper
93 100
66 46.0 32.9 49.3
65 22.7 17.8 26.8

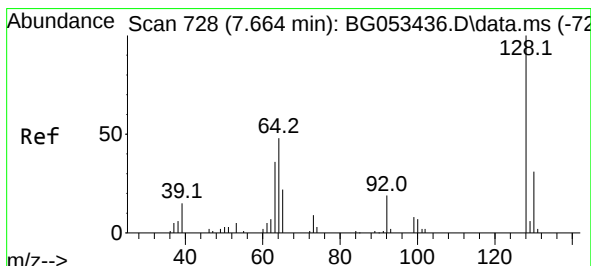
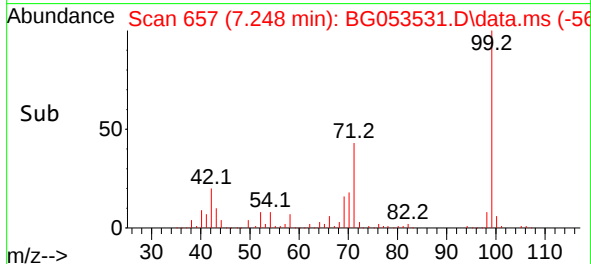
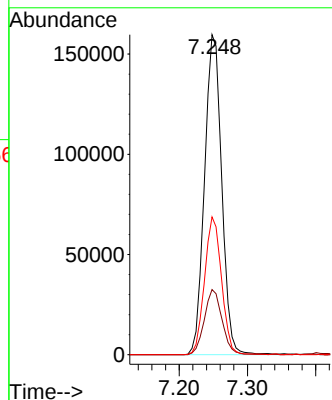
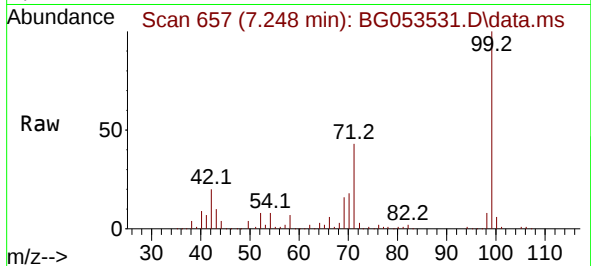




#7
Phenol-d6
Concen: 134.728 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

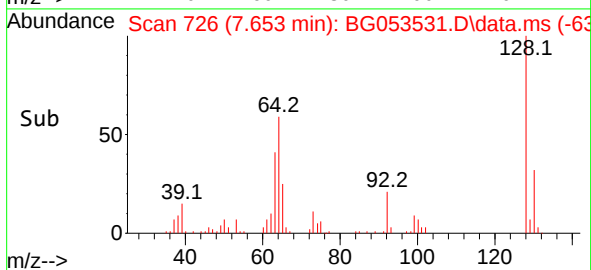
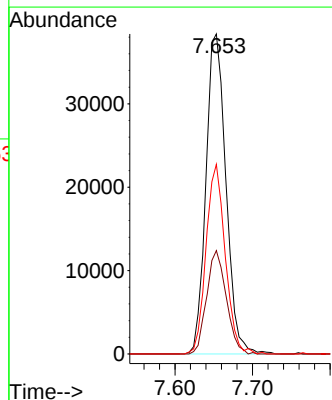
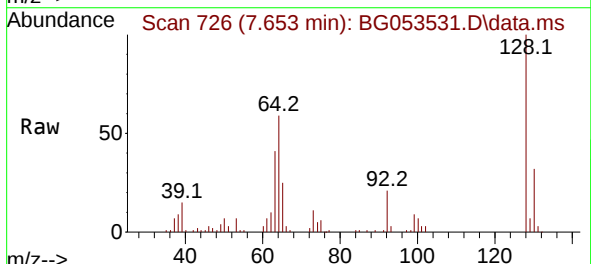
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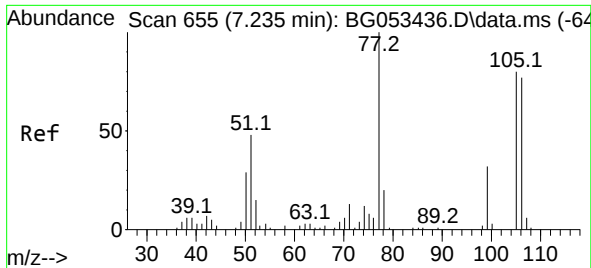
Tgt Ion: 99 Resp: 280068
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.0 33.8 50.8



#8
2-Chlorophenol
Concen: 47.993 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion: 128 Resp: 68722
Ion Ratio Lower Upper
128 100
130 32.3 10.5 50.5
64 59.3 35.1 75.1

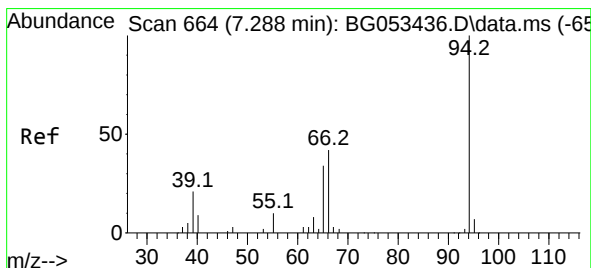
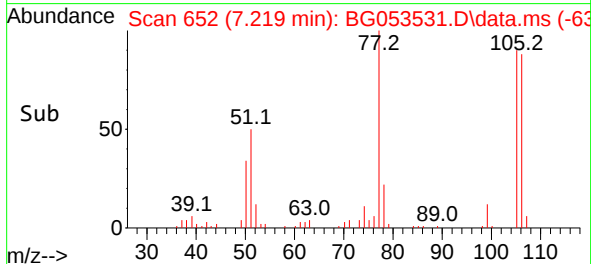
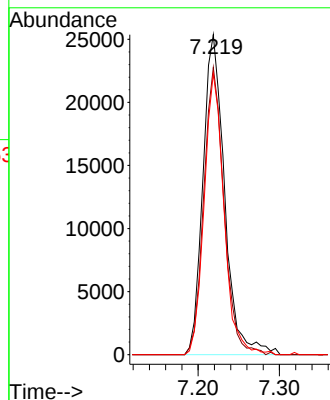
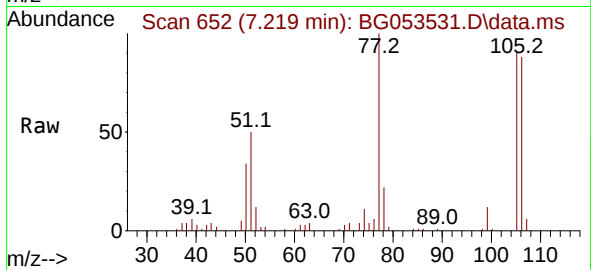




#9
Benzaldehyde
Concen: 35.565 ng
RT: 7.219 min Scan# 611
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

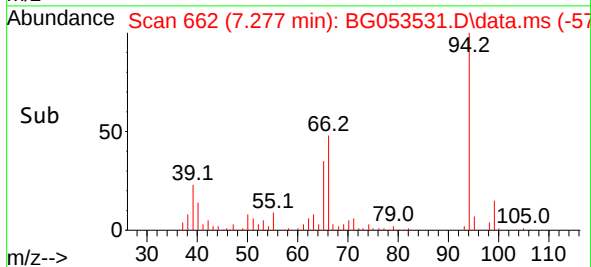
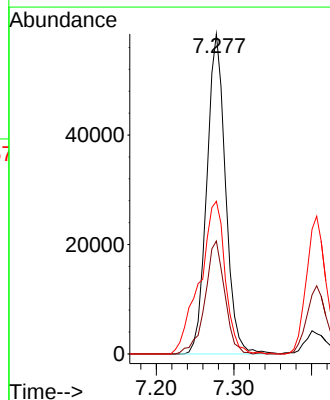
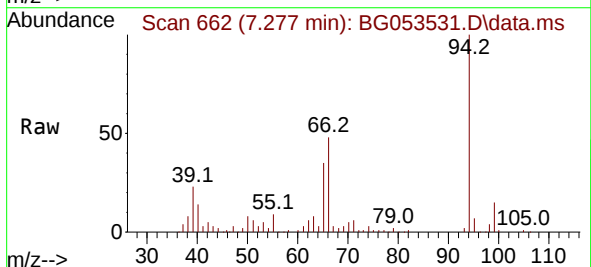
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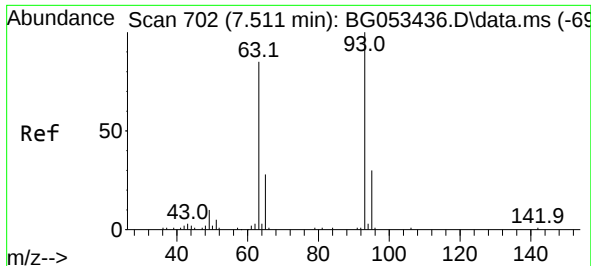
Tgt Ion: 77 Resp: 46967
Ion Ratio Lower Upper
77 100
105 89.8 59.6 99.6
106 87.9 56.8 96.8



#10
Phenol
Concen: 48.140 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion: 94 Resp: 97873
Ion Ratio Lower Upper
94 100
65 35.3 14.8 54.8
66 47.7 25.2 65.2

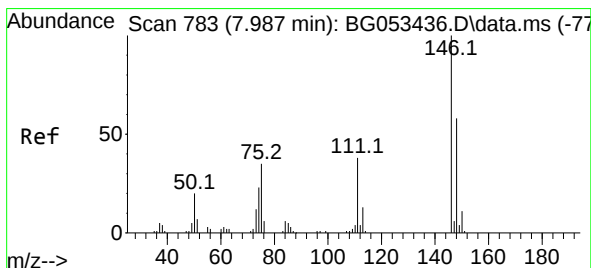
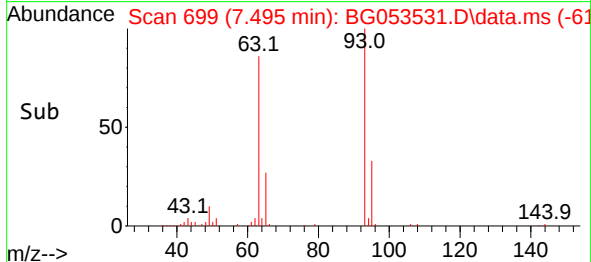
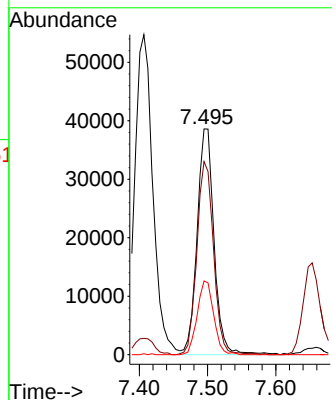
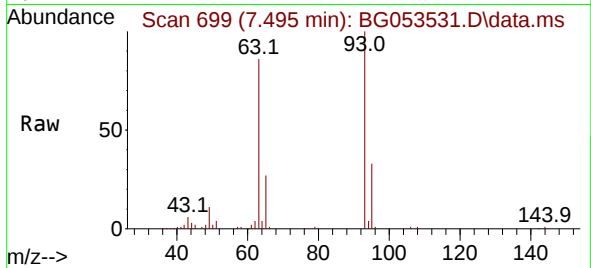




#11
bis(2-Chloroethyl)ether
Concen: 44.040 ng
RT: 7.495 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

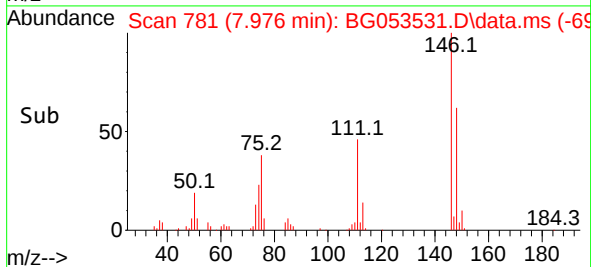
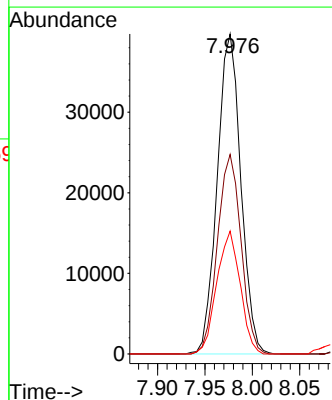
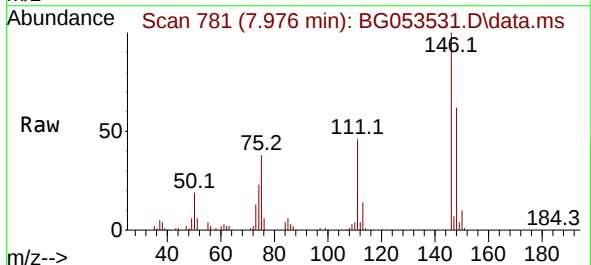
Instrument :
BNA_G
ClientSampleId :
PB144706BS

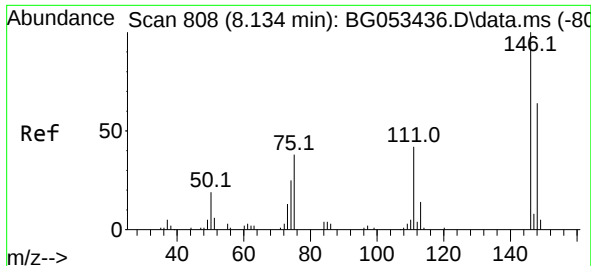
Tgt Ion: 93 Resp: 66777
Ion Ratio Lower Upper
93 100
63 85.5 63.6 103.6
95 32.6 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 40.748 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:146 Resp: 68834
Ion Ratio Lower Upper
146 100
148 62.3 46.1 69.1
75 38.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.106 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

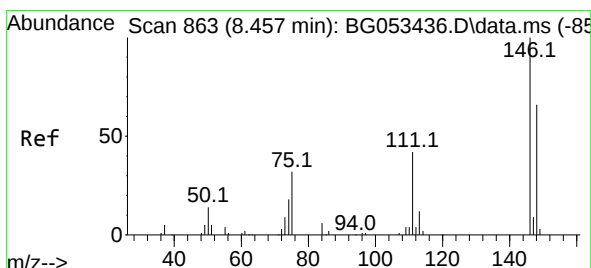
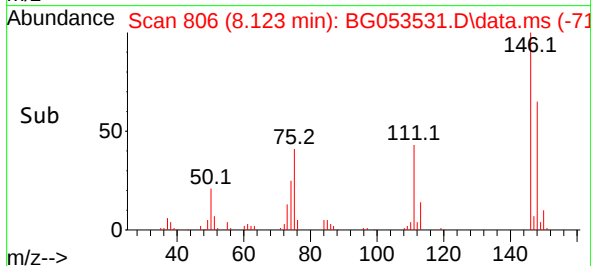
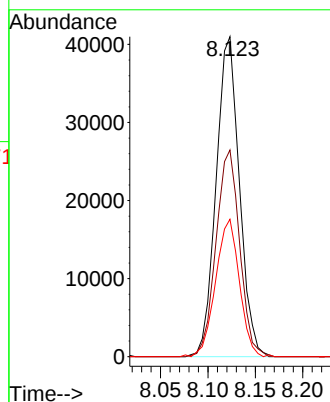
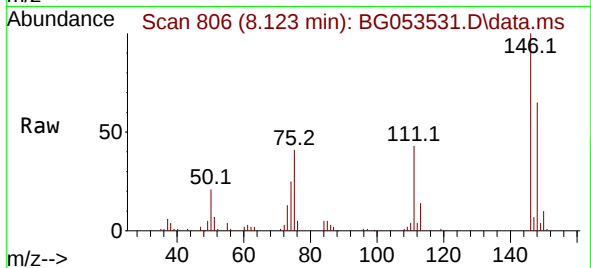
Tgt Ion:146 Resp: 70070

Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

111 42.9 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 42.581 ng

RT: 8.441 min Scan# 860

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

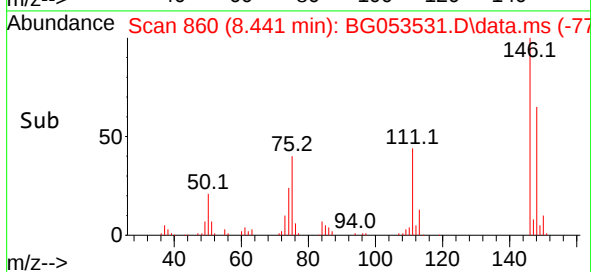
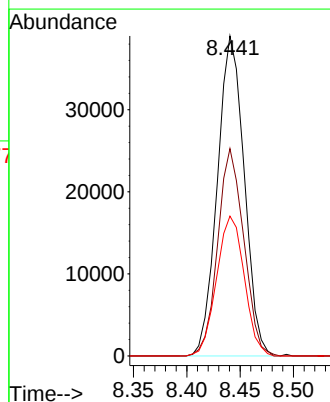
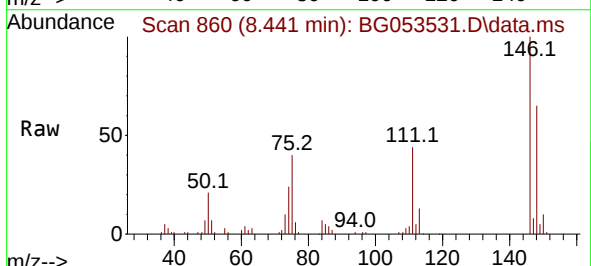
Tgt Ion:146 Resp: 68160

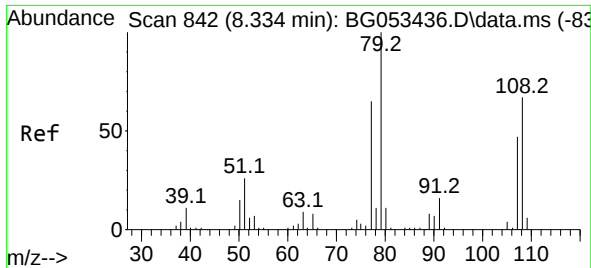
Ion Ratio Lower Upper

146 100

148 64.8 52.6 78.8

111 43.7 34.5 51.7

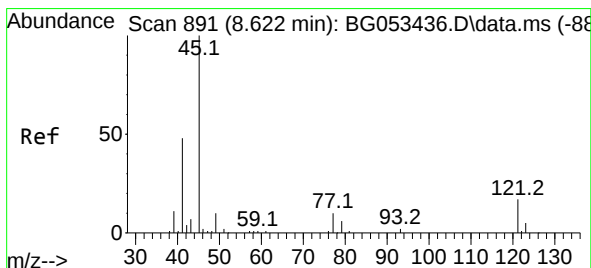
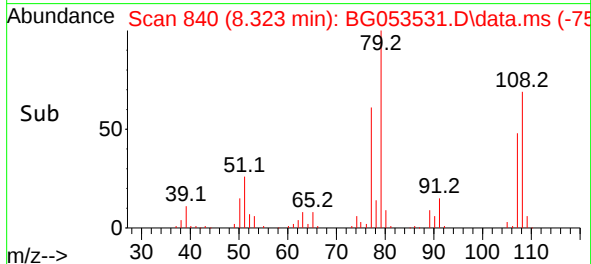
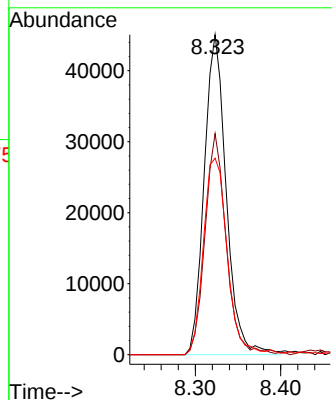
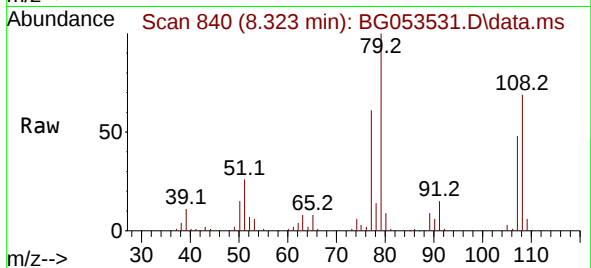




#15
Benzyl Alcohol
Concen: 46.473 ng
RT: 8.323 min Scan# 841
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

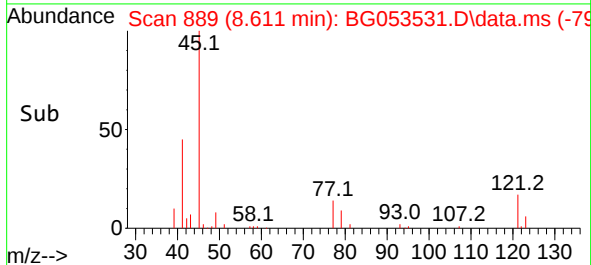
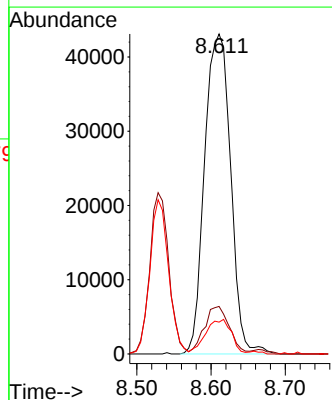
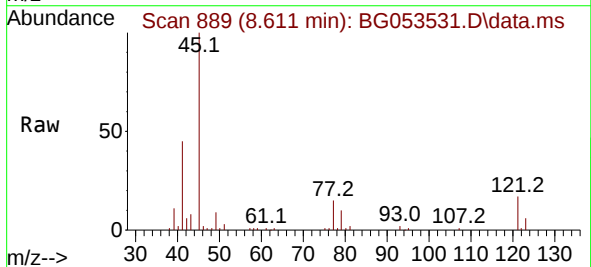
Instrument :
BNA_G
ClientSampleId :
PB144706BS

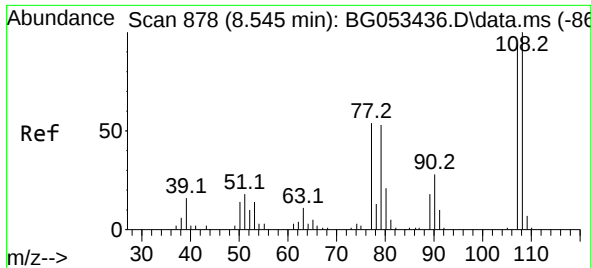
Tgt Ion: 79 Resp: 80767
Ion Ratio Lower Upper
79 100
108 69.1 53.7 80.5
77 61.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.606 ng
RT: 8.611 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion: 45 Resp: 105145
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.7
79 10.0 0.0 29.7

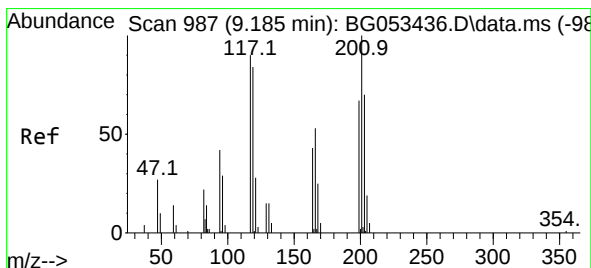
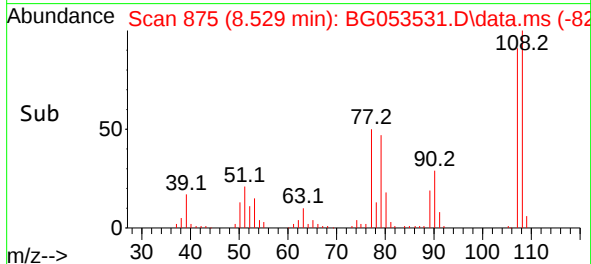
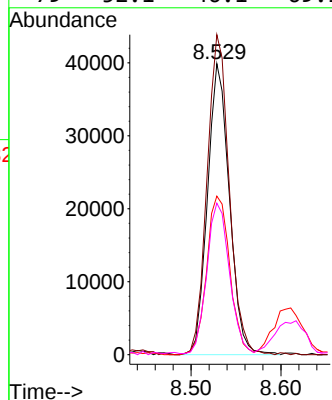
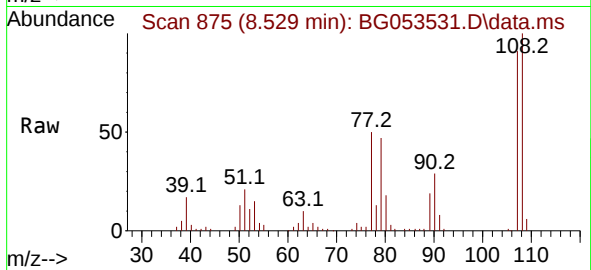




#17
2-Methylphenol
Concen: 49.169 ng
RT: 8.529 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

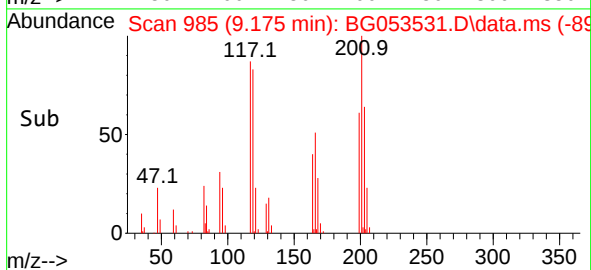
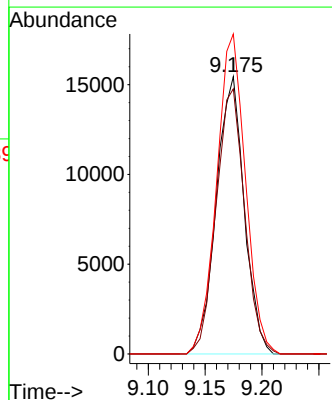
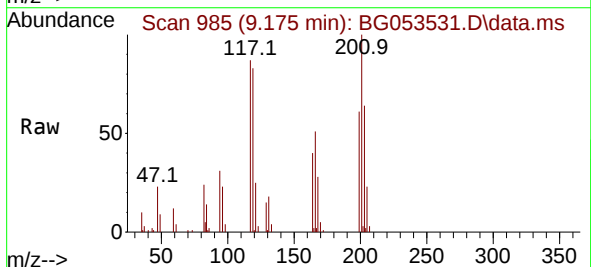
Instrument :
BNA_G
ClientSampleId :
PB144706BS

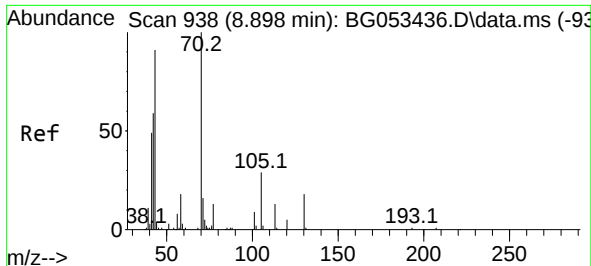
Tgt Ion:	107	Resp:	67566
Ion	Ratio	Lower	Upper
107	100		
108	109.9	85.4	128.0
77	54.5	46.2	69.2
79	52.1	46.1	69.1



#18
Hexachloroethane
Concen: 40.743 ng
RT: 9.175 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:	117	Resp:	26374
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.0	112.6
201	115.4	89.0	133.6

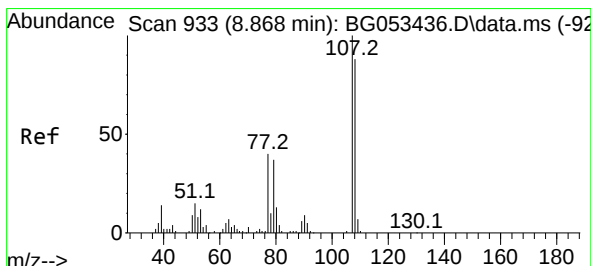
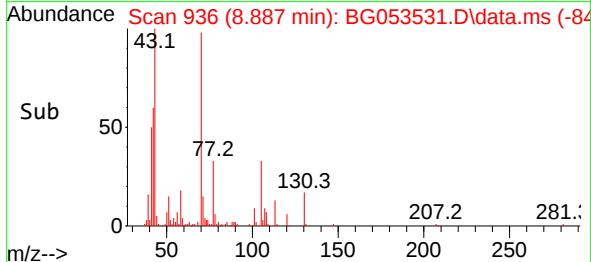
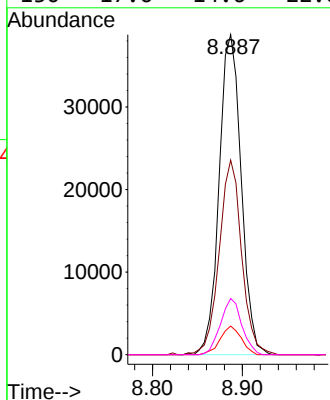
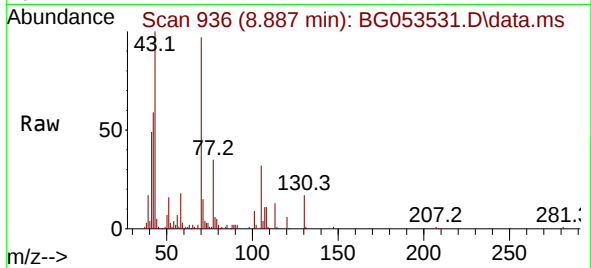




#19
n-Nitroso-di-n-propylamine
Concen: 44.250 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

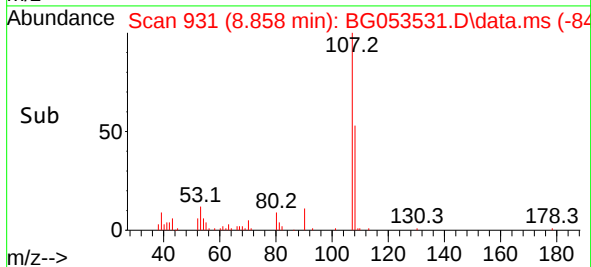
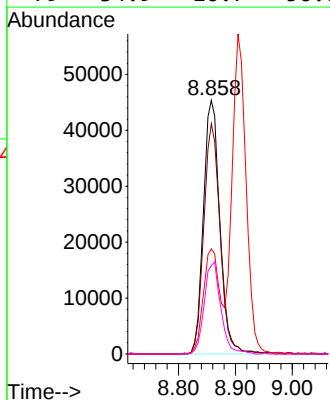
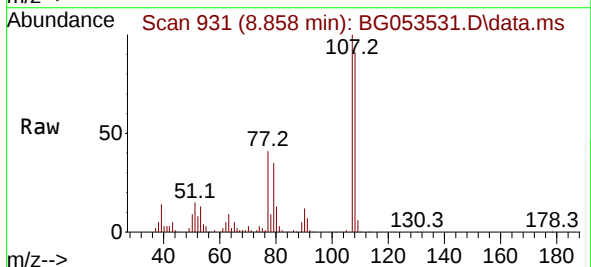
Instrument :
BNA_G
ClientSampleId :
PB144706BS

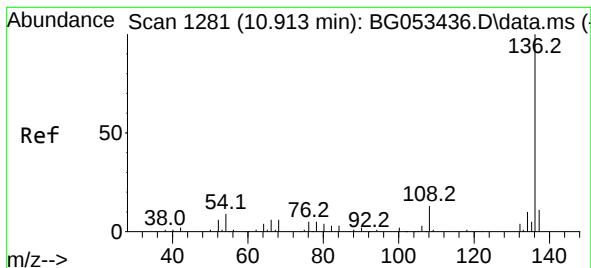
Tgt Ion:	70	Resp:	65999
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.3	70.9
101	8.9	7.0	10.4
130	17.6	14.6	22.0



#20
3+4-Methylphenols
Concen: 46.895 ng
RT: 8.858 min Scan# 931
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:	107	Resp:	91010
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.5	107.5
77	41.4	20.3	60.3
79	34.9	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.896 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

Tgt Ion:136 Resp: 102412

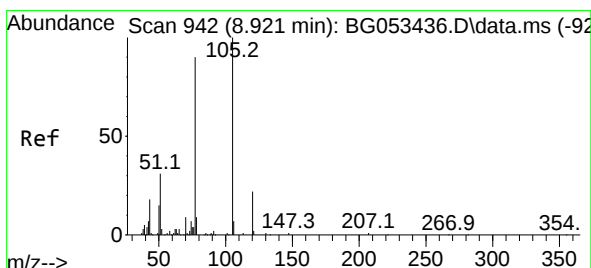
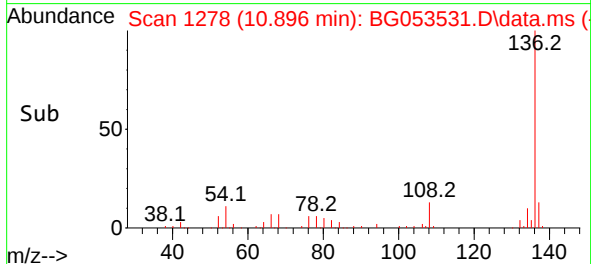
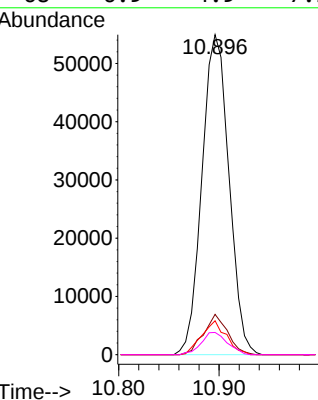
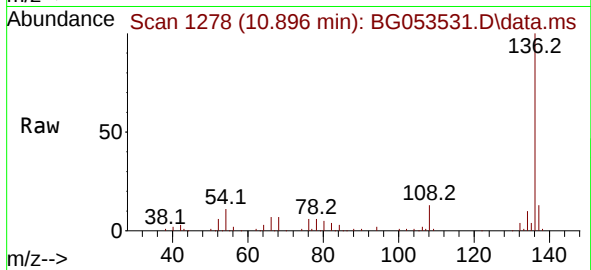
Ion Ratio Lower Upper

136 100

137 12.6 8.5 12.7

54 10.6 7.4 11.2

68 6.9 4.9 7.3



#22

Acetophenone

Concen: 39.741 ng

RT: 8.905 min Scan# 939

Delta R.T. -0.007 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Tgt Ion:105 Resp: 111390

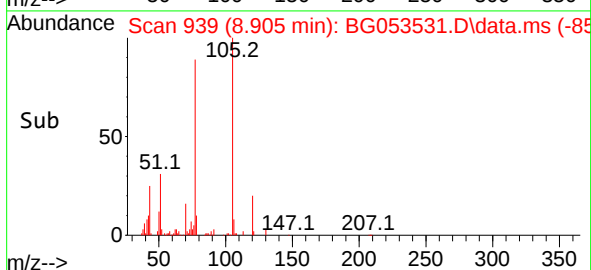
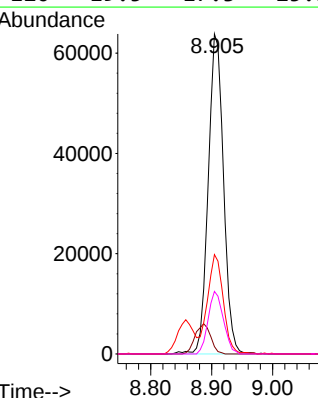
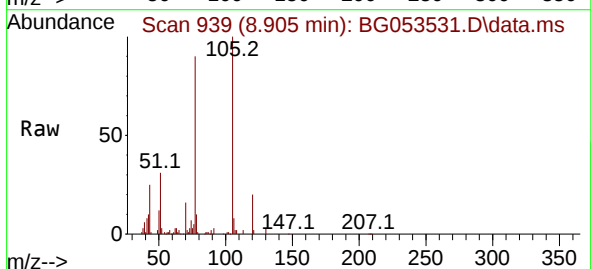
Ion Ratio Lower Upper

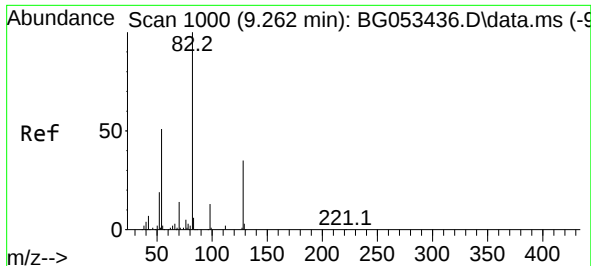
105 100

71 2.3 1.1 1.7#

51 31.1 25.4 38.0

120 19.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.749 ng

RT: 9.251 min Scan# 91

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

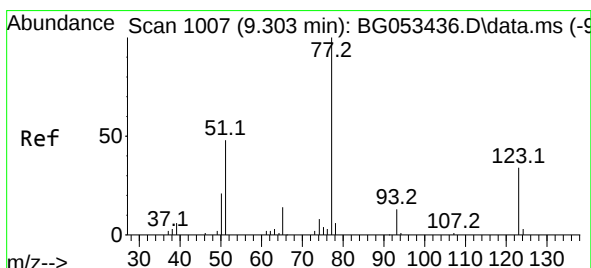
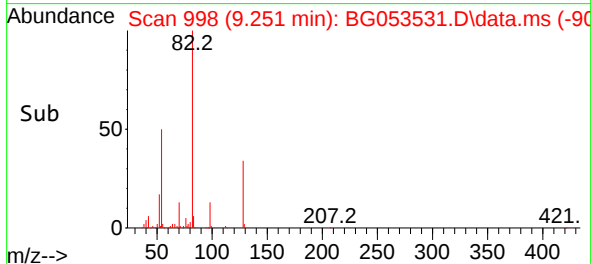
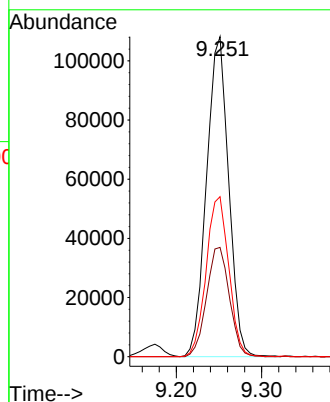
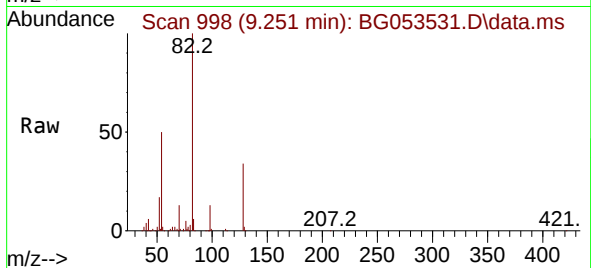
Tgt Ion: 82 Resp: 194267

Ion Ratio Lower Upper

82 100

128 34.1 27.9 41.9

54 50.0 41.2 61.8



#24

Nitrobenzene

Concen: 42.358 ng

RT: 9.292 min Scan# 1005

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

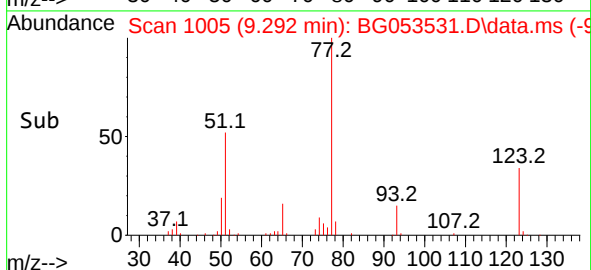
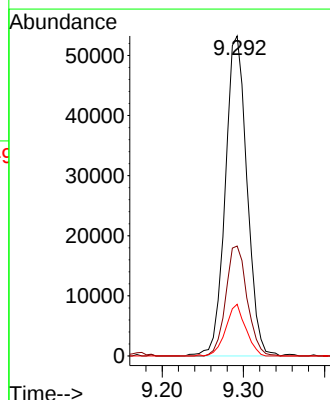
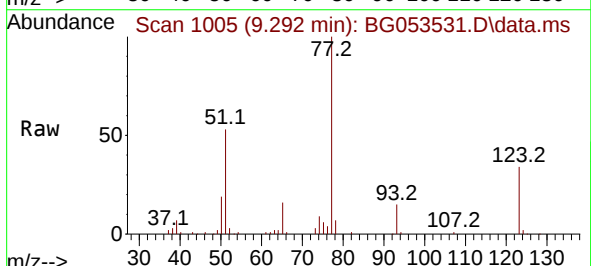
Tgt Ion: 77 Resp: 98631

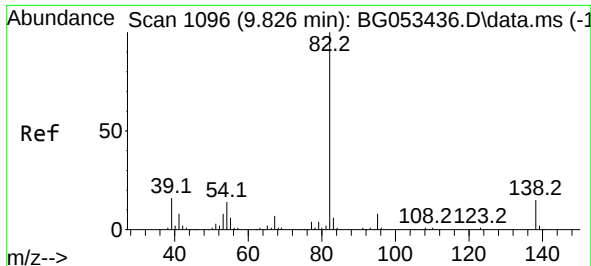
Ion Ratio Lower Upper

77 100

123 34.4 27.4 41.0

65 16.1 11.4 17.0

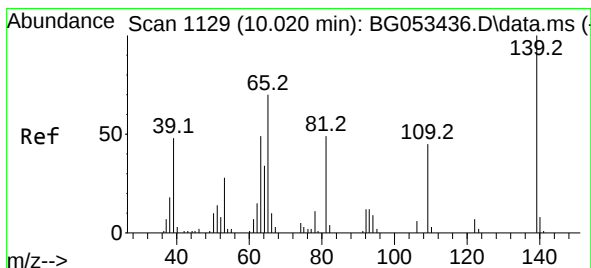
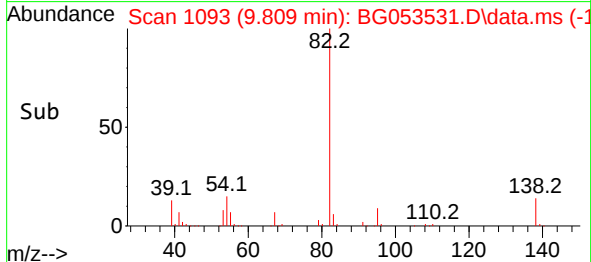
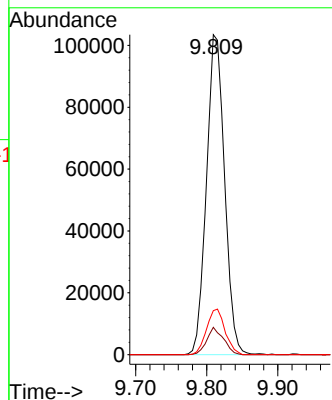
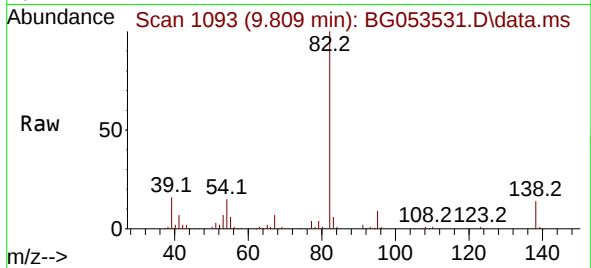




#25
Isophorone
Concen: 45.463 ng
RT: 9.809 min Scan# 1109
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

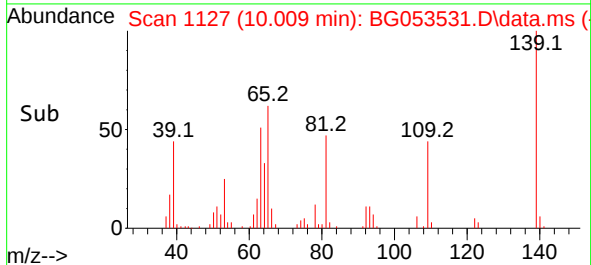
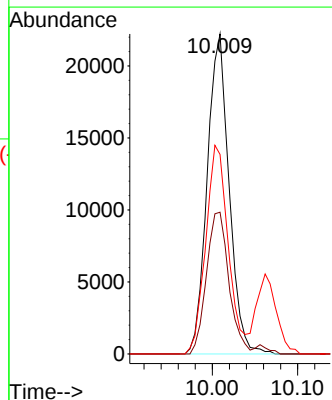
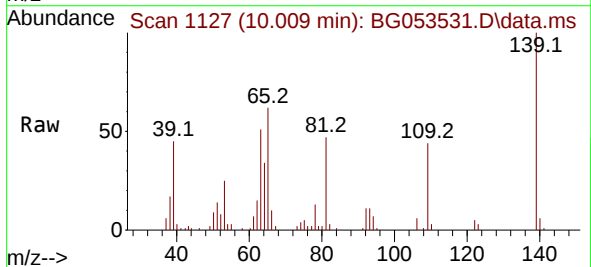
Instrument :
BNA_G
ClientSampleId :
PB144706BS

Tgt Ion: 82 Resp: 184073
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.4
138 13.8 11.6 17.4



#26
2-Nitrophenol
Concen: 42.055 ng
RT: 10.009 min Scan# 1127
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:139 Resp: 39662
Ion Ratio Lower Upper
139 100
109 44.3 36.1 54.1
65 62.3 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 51.022 ng

RT: 10.062 min Scan# 1136

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

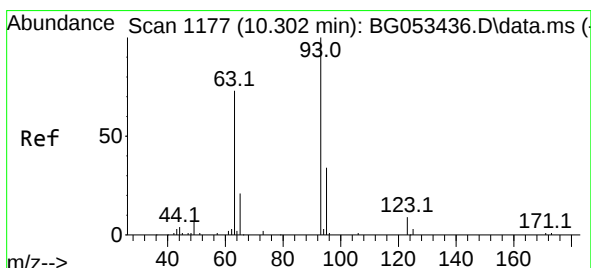
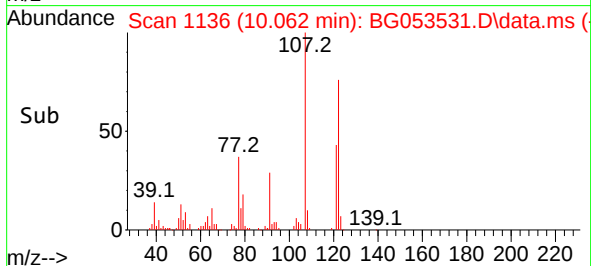
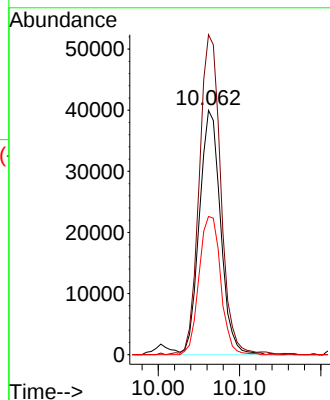
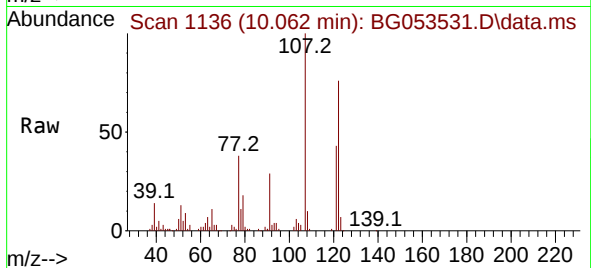
Tgt Ion:122 Resp: 72415

Ion Ratio Lower Upper

122 100

107 131.0 109.4 164.0

121 56.6 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.623 ng

RT: 10.291 min Scan# 1175

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

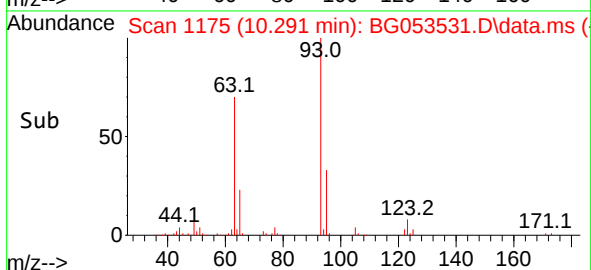
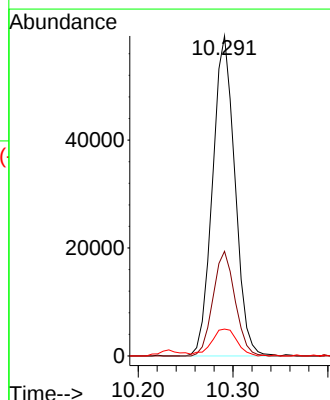
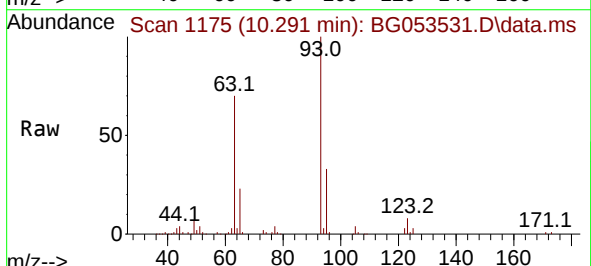
Tgt Ion: 93 Resp: 96926

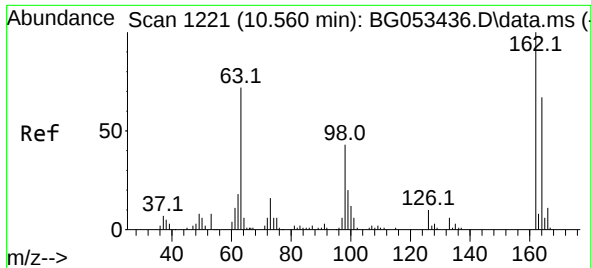
Ion Ratio Lower Upper

93 100

95 32.7 26.9 40.3

123 8.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 46.042 ng

RT: 10.549 min Scan# 1219

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

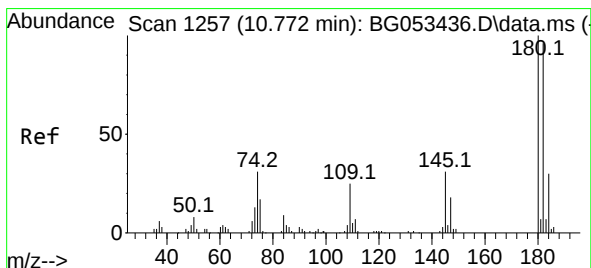
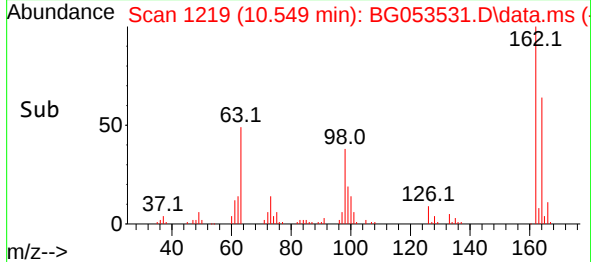
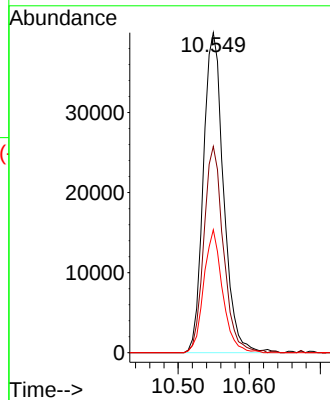
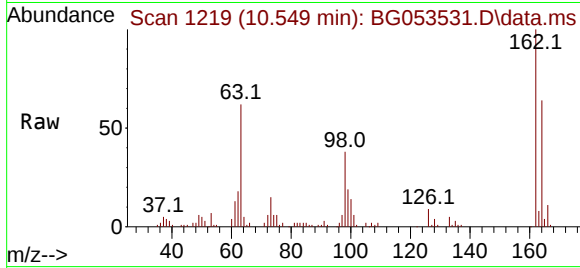
Tgt Ion:162 Resp: 78868

Ion Ratio Lower Upper

162 100

164 64.4 46.6 86.6

98 38.4 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.909 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

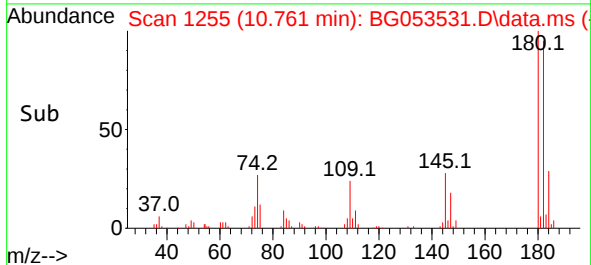
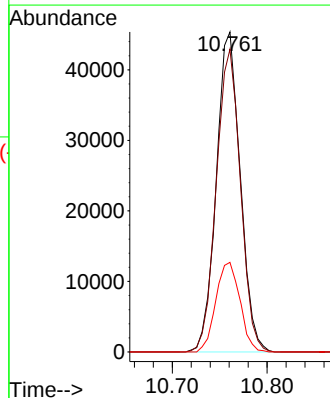
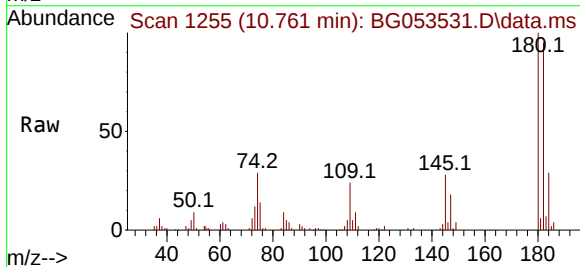
Tgt Ion:180 Resp: 79618

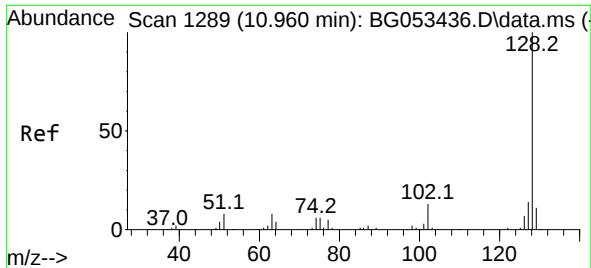
Ion Ratio Lower Upper

180 100

182 94.6 76.6 115.0

145 28.0 25.0 37.4

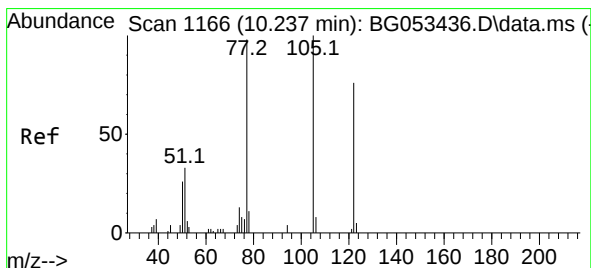
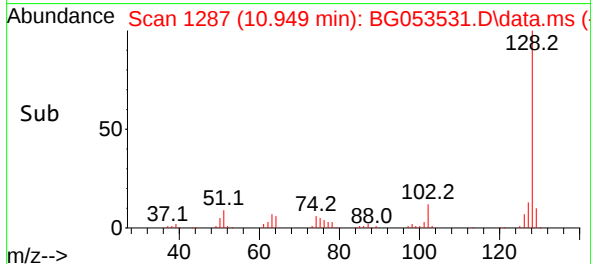
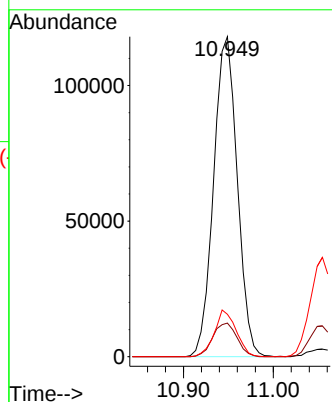
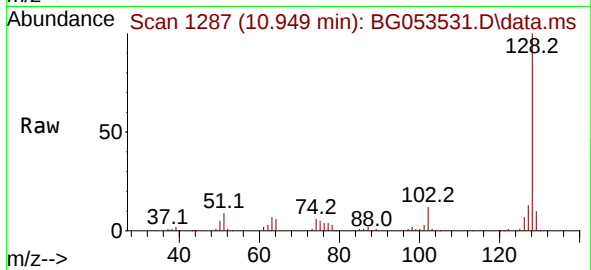




#31
Naphthalene
Concen: 41.421 ng
RT: 10.949 min Scan# 1287
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

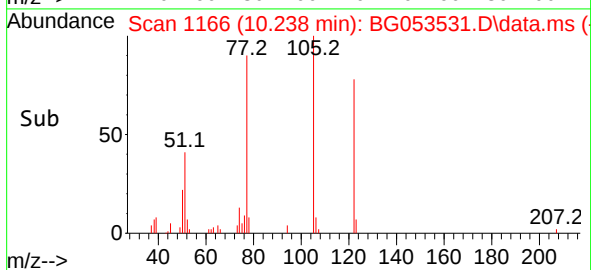
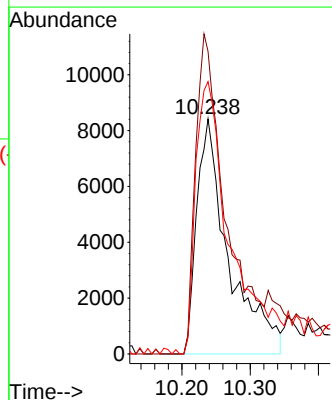
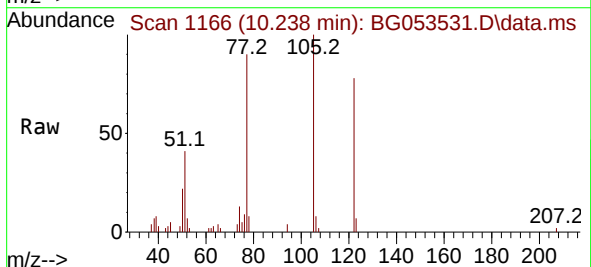
Instrument :
BNA_G
ClientSampleId :
PB144706BS

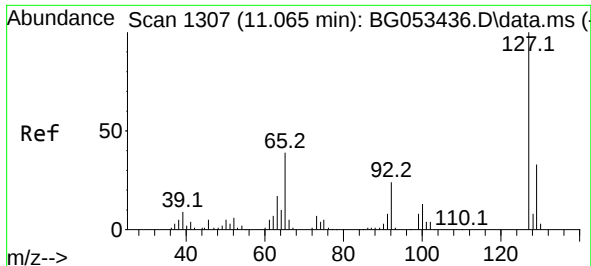
Tgt Ion:128 Resp: 215781
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.2 11.1 16.7



#32
Benzoic acid
Concen: 33.783 ng
RT: 10.238 min Scan# 1166
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:122 Resp: 27263
Ion Ratio Lower Upper
122 100
105 128.7 111.8 151.8
77 115.8 109.4 149.4

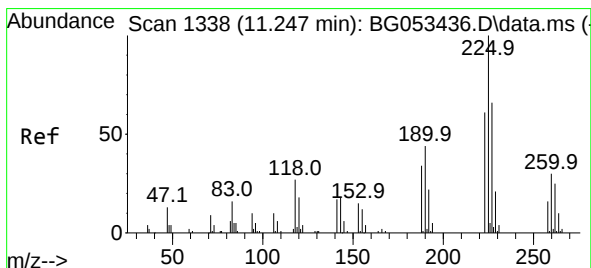
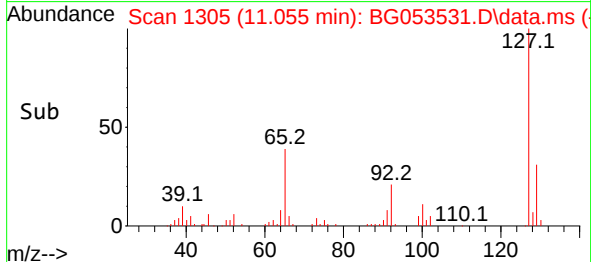
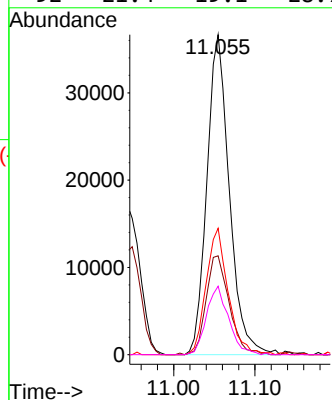
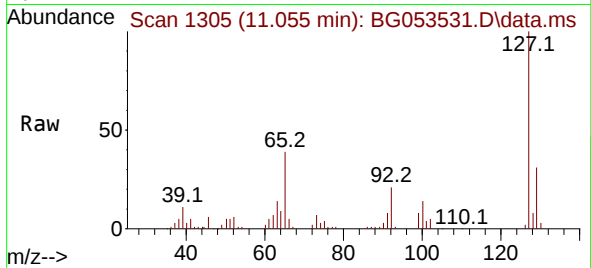




#33
4-Chloroaniline
Concen: 32.289 ng
RT: 11.055 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

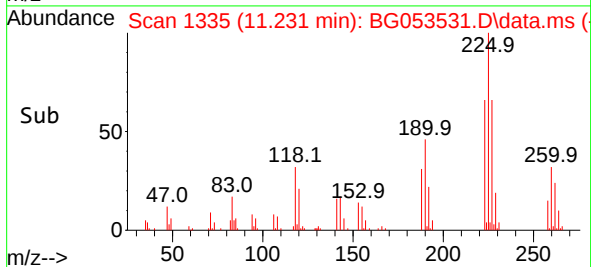
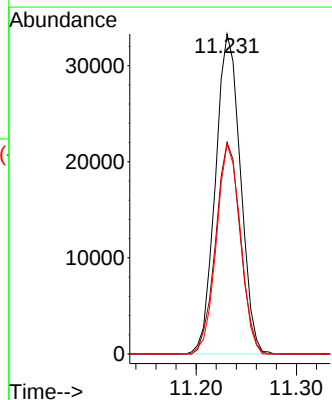
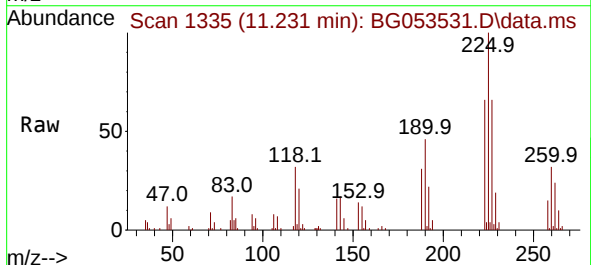
Instrument :
BNA_G
ClientSampleId :
PB144706BS

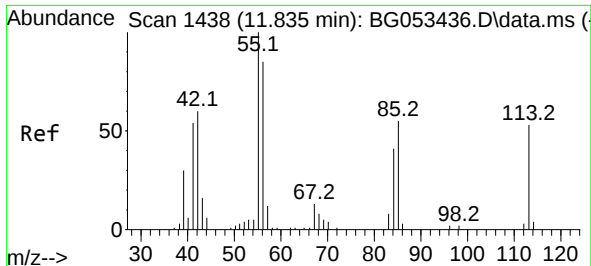
Tgt Ion:127	Resp:	70444
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.3 39.5
65	39.5	31.1 46.7
92	21.4	19.1 28.7



#34
Hexachlorobutadiene
Concen: 39.872 ng
RT: 11.231 min Scan# 1335
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:225	Resp:	57543
Ion Ratio	Lower	Upper
225	100	
223	66.1	48.9 73.3
227	65.5	52.8 79.2

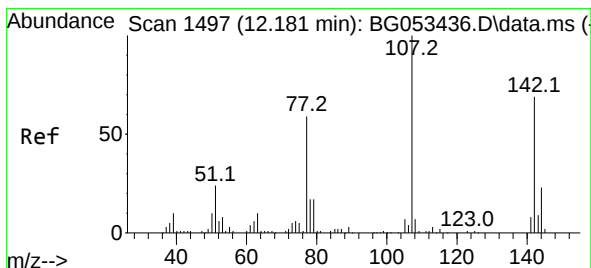
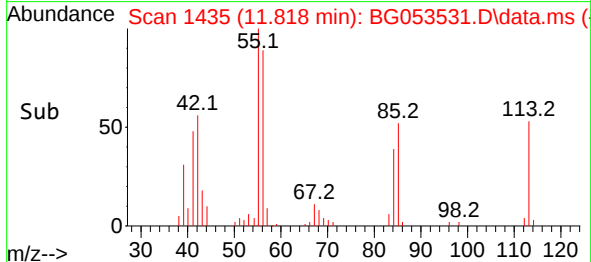
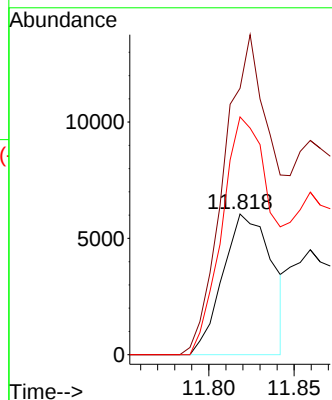
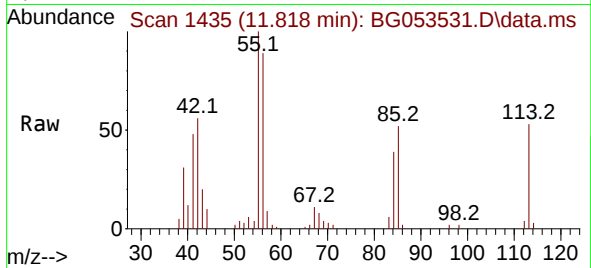




#35
Caprolactam
Concen: 19.432 ng
RT: 11.818 min Scan# 1435
Delta R.T. -0.013 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

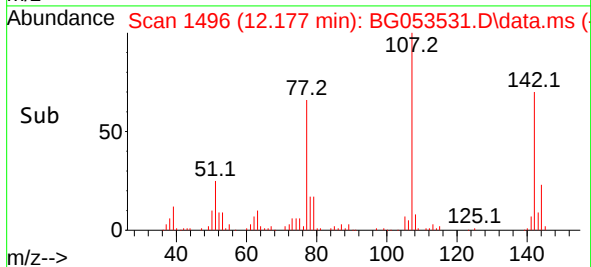
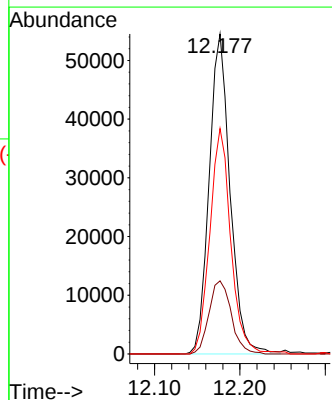
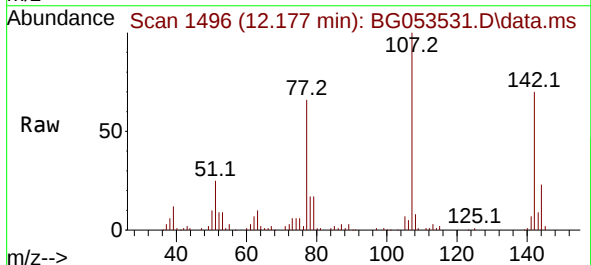
Instrument :
BNA_G
ClientSampleId :
PB144706BS

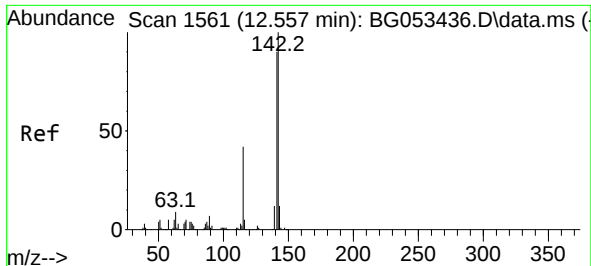
Tgt Ion:113 Resp: 12096
Ion Ratio Lower Upper
113 100
55 189.5 169.8 209.8
56 169.1 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 45.386 ng
RT: 12.177 min Scan# 1496
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:107 Resp: 92997
Ion Ratio Lower Upper
107 100
144 22.9 18.5 27.7
142 70.4 55.0 82.4

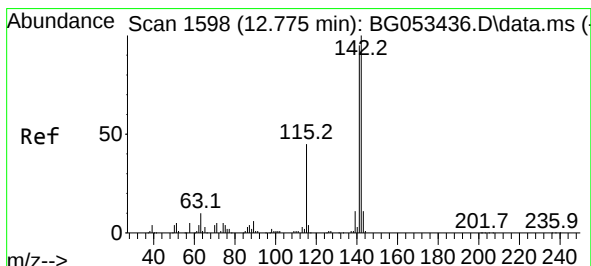
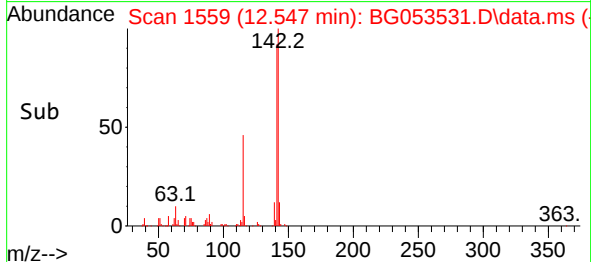
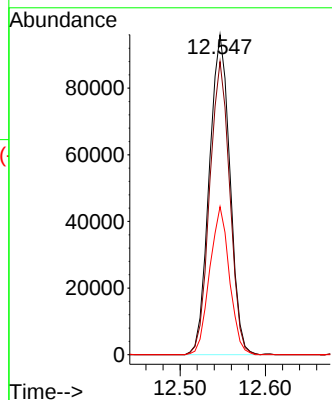
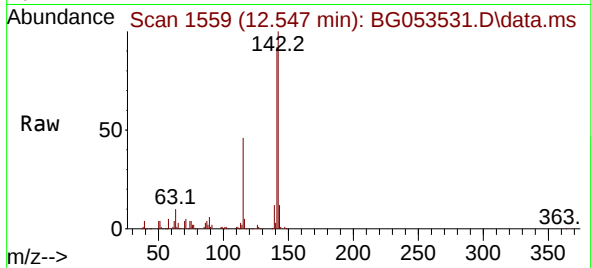




#37
2-Methylnaphthalene
Concen: 41.548 ng
RT: 12.547 min Scan# 1559
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

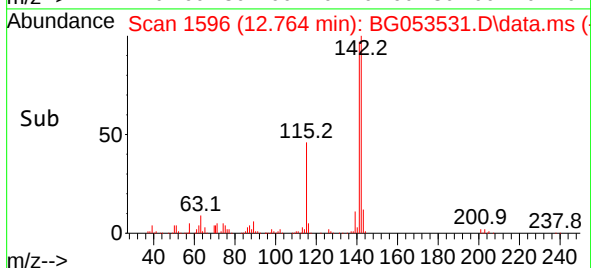
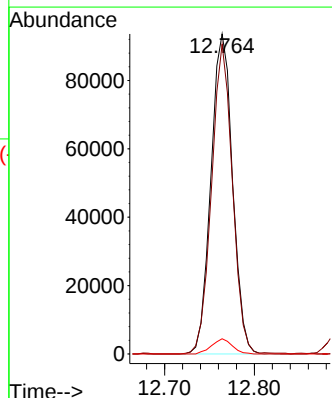
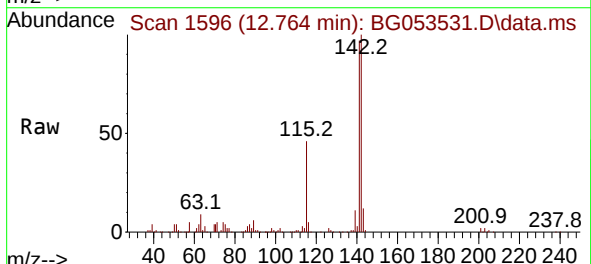
Instrument :
BNA_G
ClientSampleId :
PB144706BS

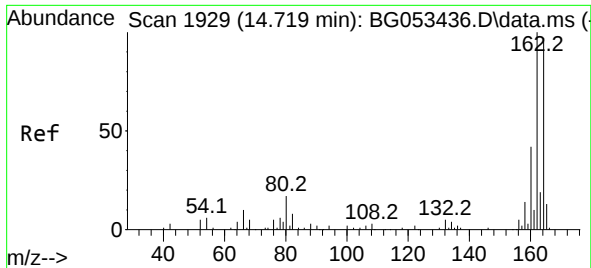
Tgt Ion:142 Resp: 161524
Ion Ratio Lower Upper
142 100
141 91.6 72.3 108.5
115 46.3 33.7 50.5



#38
1-Methylnaphthalene
Concen: 41.243 ng
RT: 12.764 min Scan# 1596
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:142 Resp: 156436
Ion Ratio Lower Upper
142 100
141 96.8 76.4 114.6
116 4.8 3.3 4.9

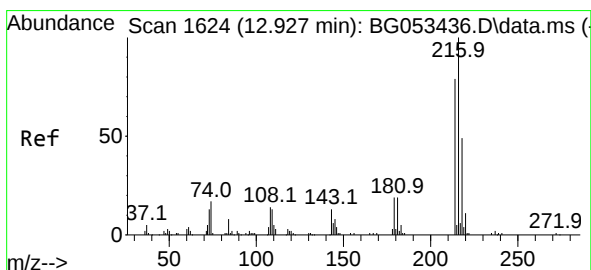
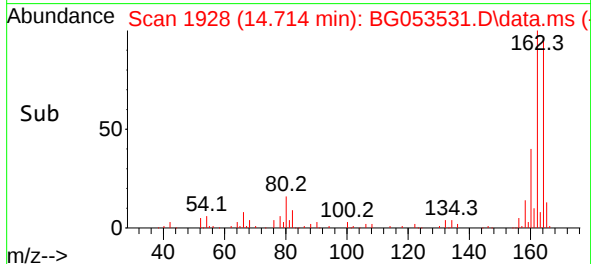
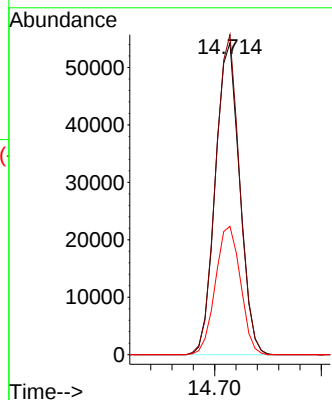
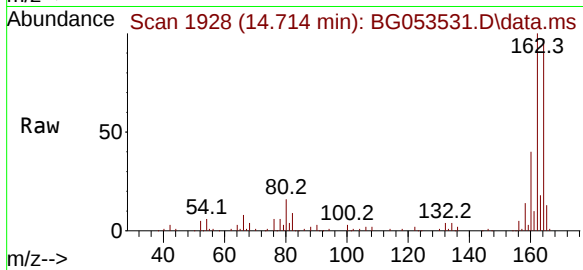




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1929
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

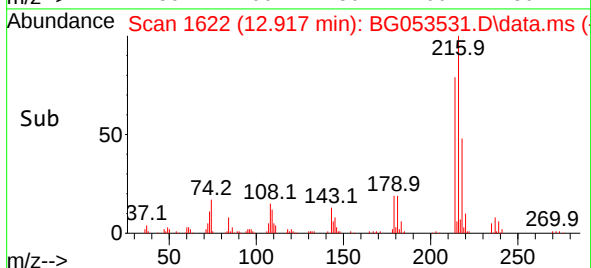
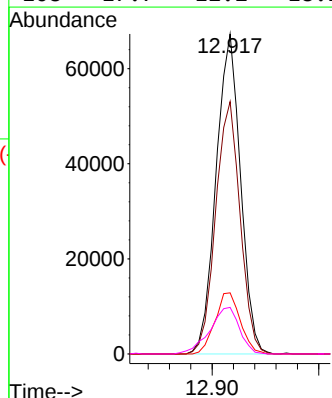
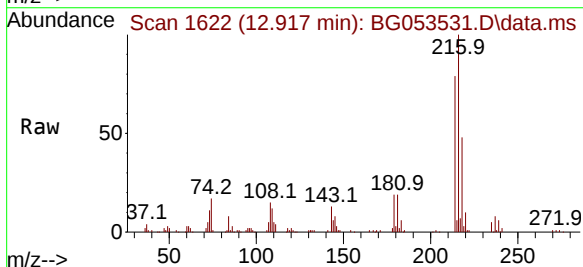
Instrument :
BNA_G
ClientSampleId :
PB144706BS

Tgt Ion:164 Resp: 85549
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 41.2 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.652 ng
RT: 12.917 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

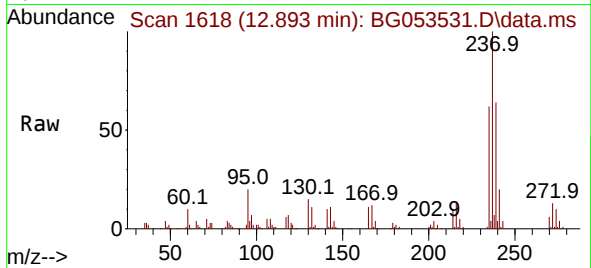
Tgt Ion:216 Resp: 106927
Ion Ratio Lower Upper
216 100
214 78.9 62.9 94.3
179 19.7 16.1 24.1
108 17.7 12.2 18.2



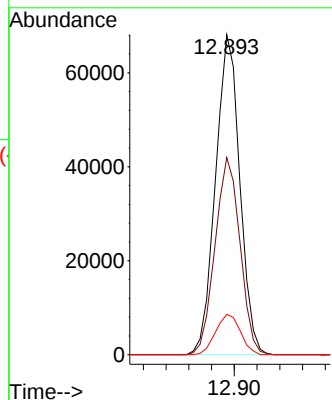
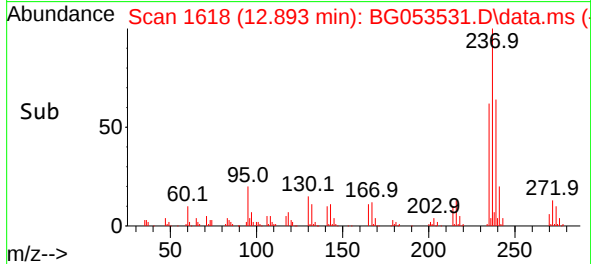


#41
Hexachlorocyclopentadiene
Concen: 90.582 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

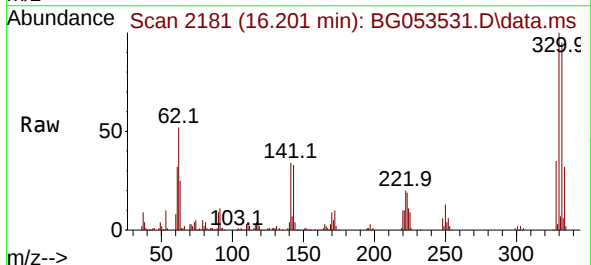
Instrument :
BNA_G
ClientSampleId :
PB144706BS



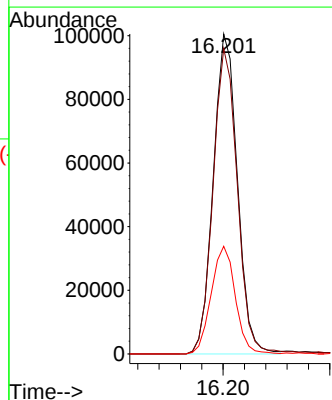
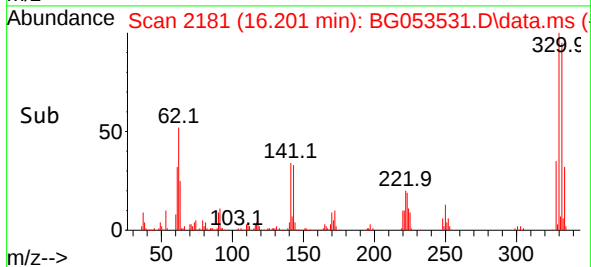
Tgt Ion:237 Resp: 100938
Ion Ratio Lower Upper
237 100
235 61.6 43.5 83.5
272 12.6 0.0 30.1

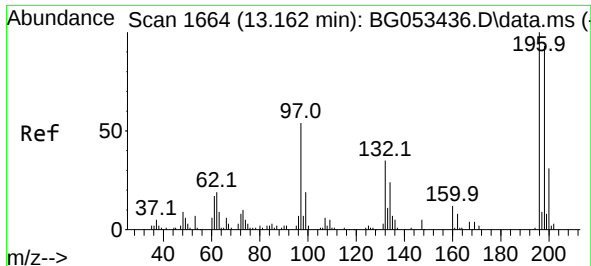


#42
2,4,6-Tribromophenol
Concen: 124.880 ng
RT: 16.201 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28



Tgt Ion:330 Resp: 157567
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.7 27.1 40.7

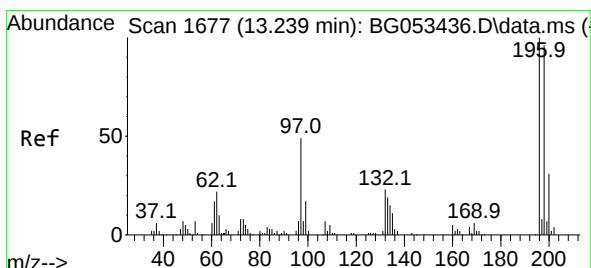
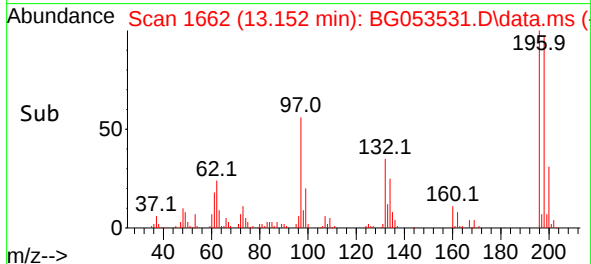
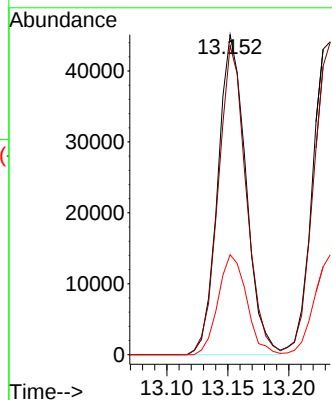
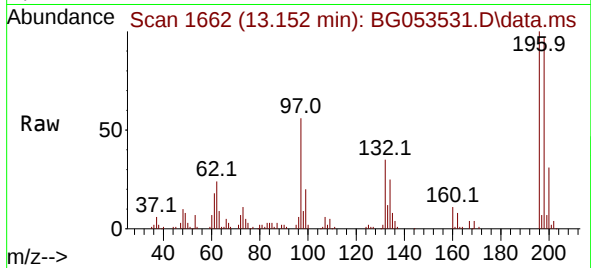




#43
2,4,6-Trichlorophenol
Concen: 41.022 ng
RT: 13.152 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

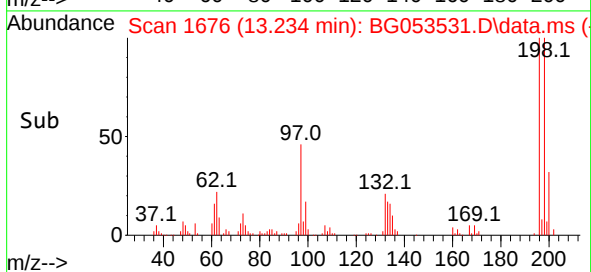
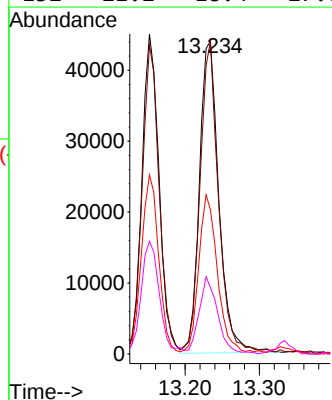
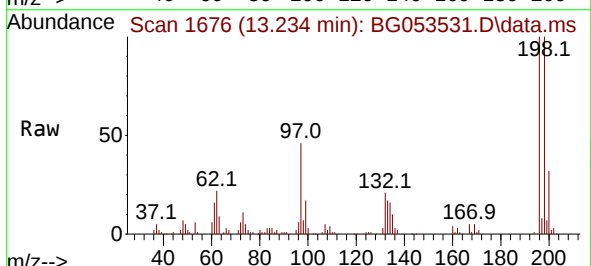
Instrument :
BNA_G
ClientSampleId :
PB144706BS

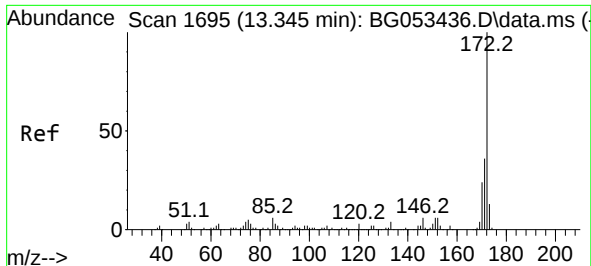
Tgt Ion:196 Resp: 72208
Ion Ratio Lower Upper
196 100
198 96.6 74.1 111.1
200 31.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.806 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:196 Resp: 80193
Ion Ratio Lower Upper
196 100
198 99.9 76.8 115.2
97 46.0 39.8 59.6
132 21.2 18.4 27.6

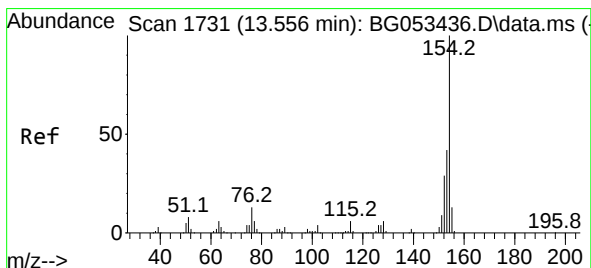
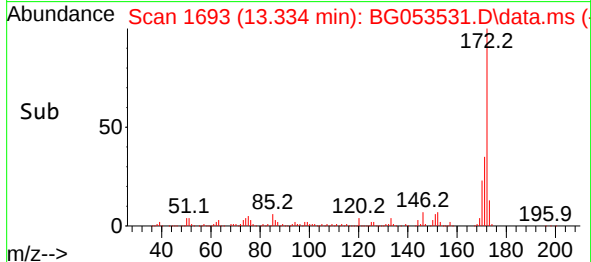
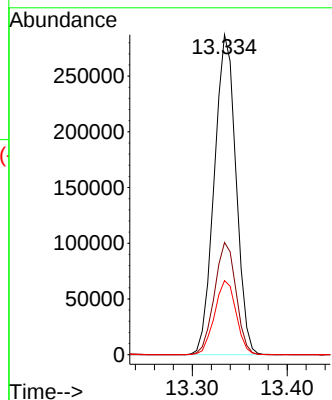
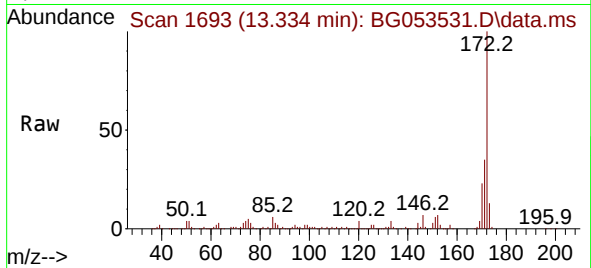




#45
2-Fluorobiphenyl
Concen: 77.996 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

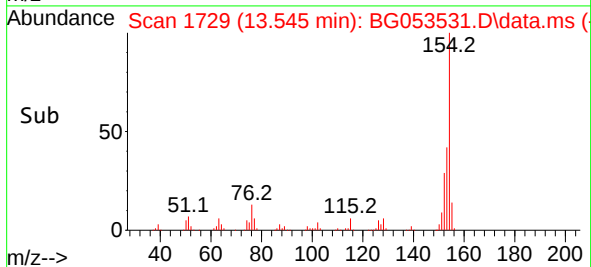
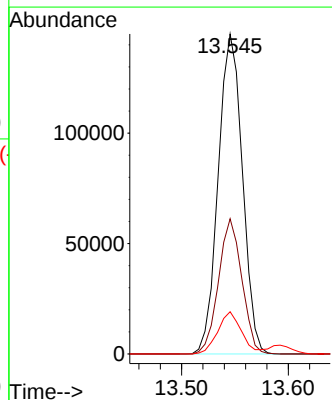
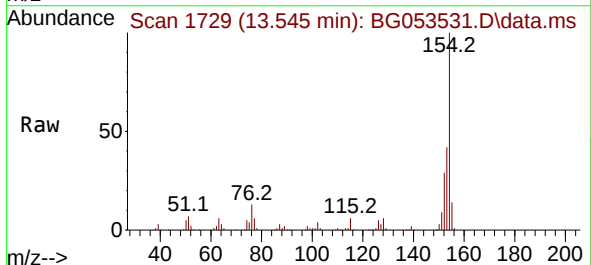
Instrument :
BNA_G
ClientSampleId :
PB144706BS

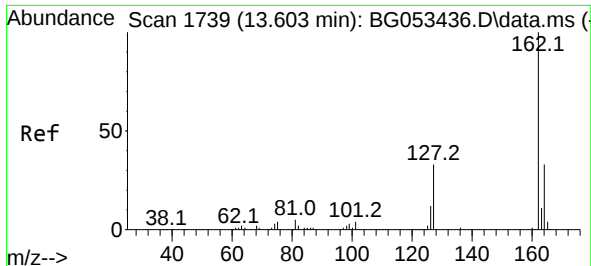
Tgt Ion:172 Resp: 456616
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.158 ng
RT: 13.545 min Scan# 1729
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:154 Resp: 228343
Ion Ratio Lower Upper
154 100
153 42.3 21.6 61.6
76 13.2 0.0 32.6

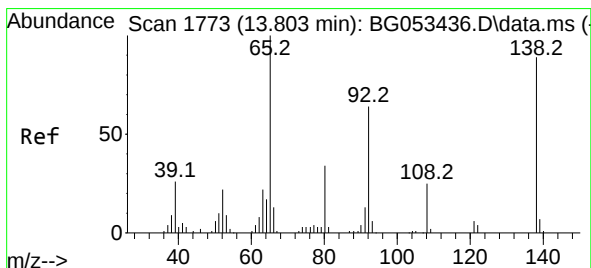
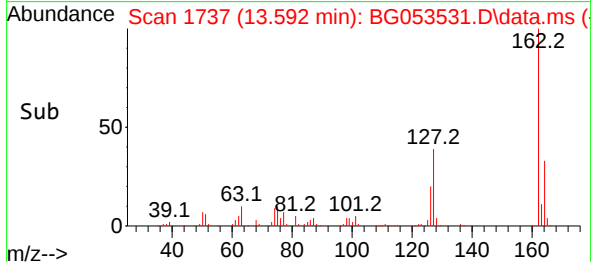
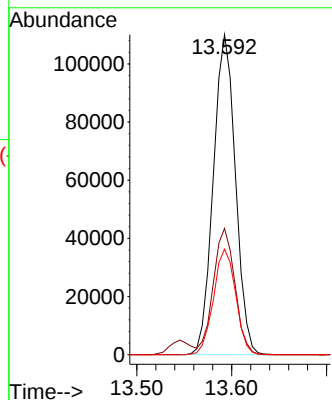
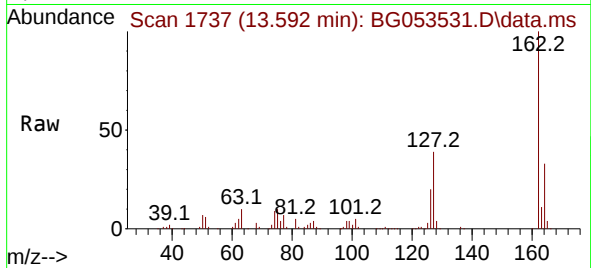




#47
2-Chloronaphthalene
Concen: 39.099 ng
RT: 13.592 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

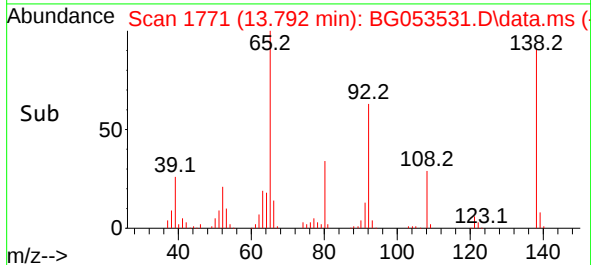
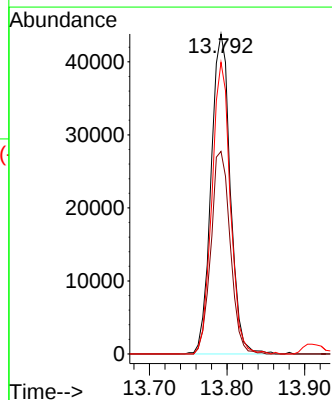
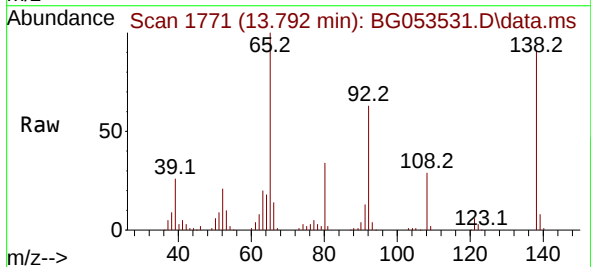
Instrument :
BNA_G
ClientSampleId :
PB144706BS

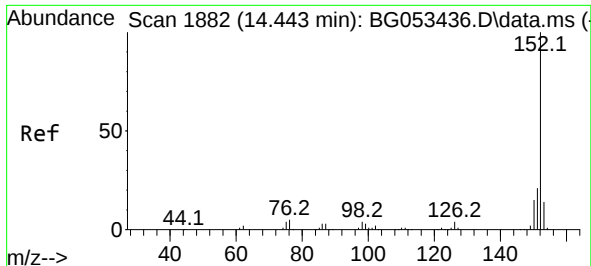
Tgt Ion:162 Resp: 178631
Ion Ratio Lower Upper
162 100
127 39.5 30.6 45.8
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 44.233 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion: 65 Resp: 75302
Ion Ratio Lower Upper
65 100
92 63.3 51.5 77.3
138 91.2 71.3 106.9

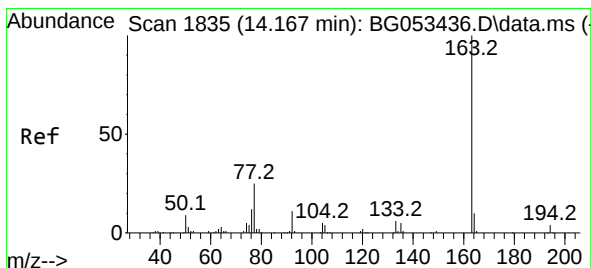
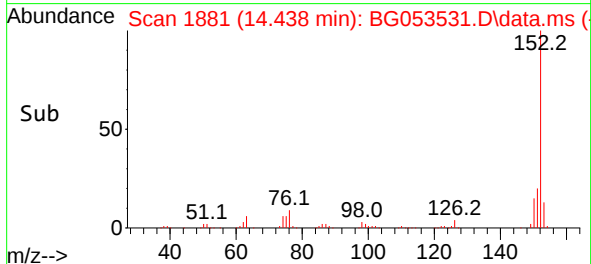
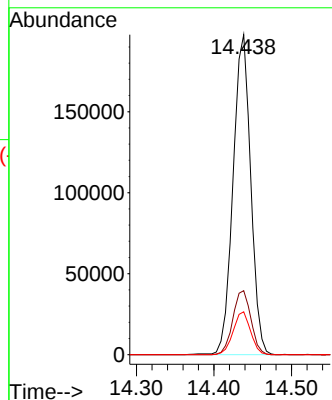
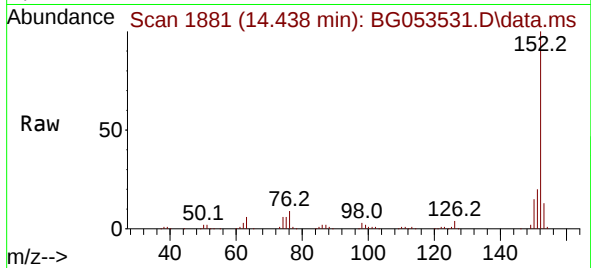




#49
Acenaphthylene
Concen: 42.889 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

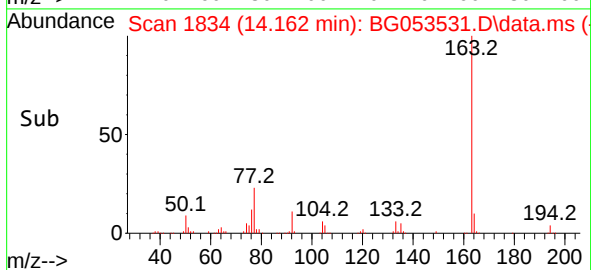
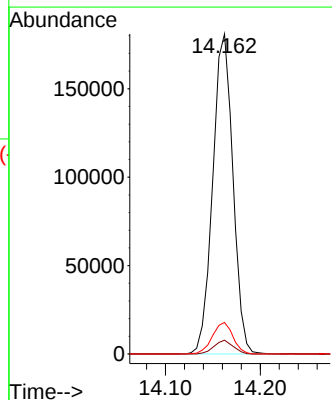
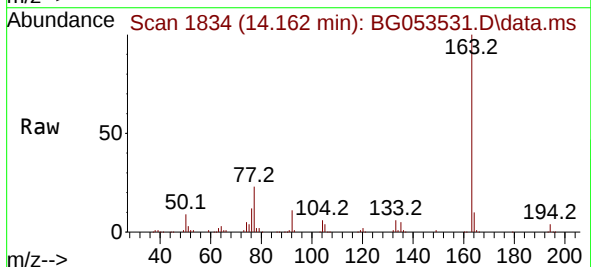
Instrument :
BNA_G
ClientSampleId :
PB144706BS

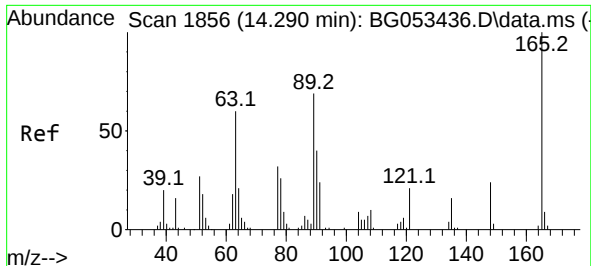
Tgt Ion:152 Resp: 312678
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 41.140 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:163 Resp: 267448
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.9 8.0 12.0

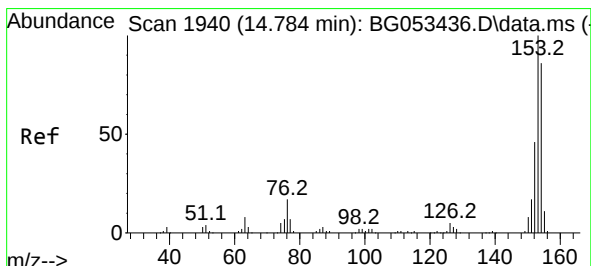
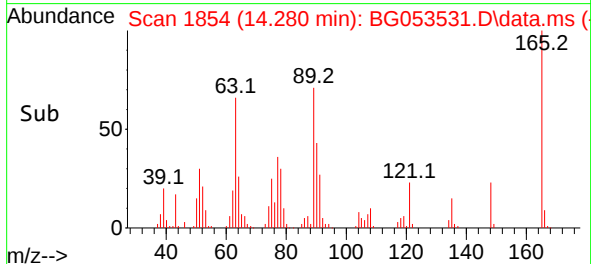
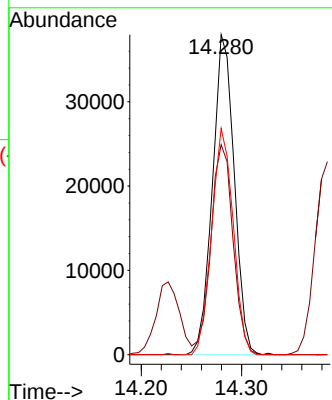
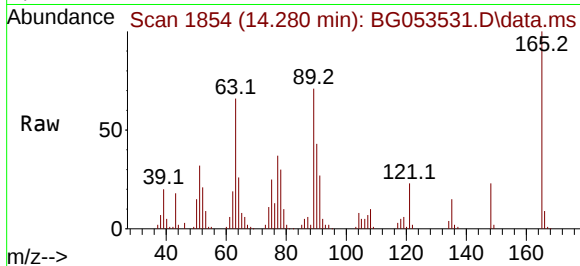




#51
2,6-Dinitrotoluene
Concen: 43.114 ng
RT: 14.280 min Scan# 1854
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

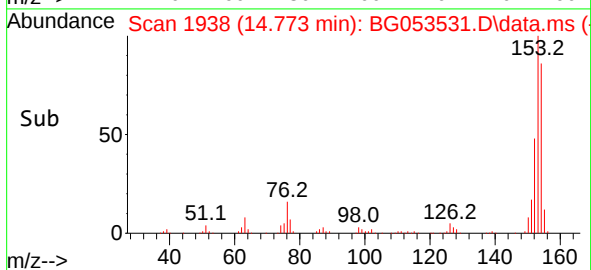
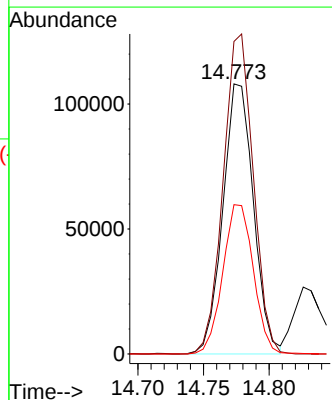
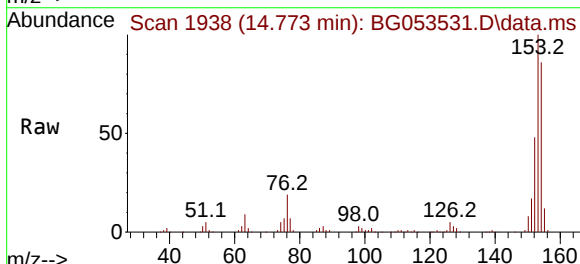
Instrument :
BNA_G
ClientSampleId :
PB144706BS

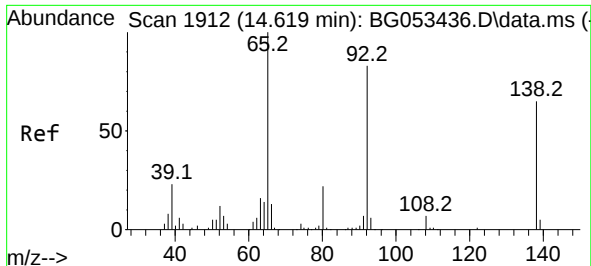
Tgt Ion:165 Resp: 57102
Ion Ratio Lower Upper
165 100
63 65.6 54.1 81.1
89 70.7 54.8 82.2



#52
Acenaphthene
Concen: 40.279 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:154 Resp: 175004
Ion Ratio Lower Upper
154 100
153 115.7 92.7 139.1
152 55.3 42.6 64.0

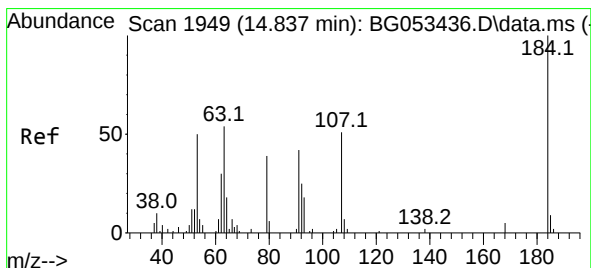
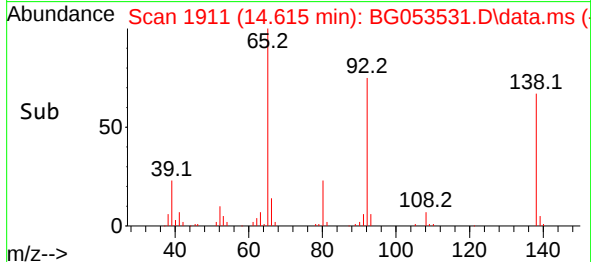
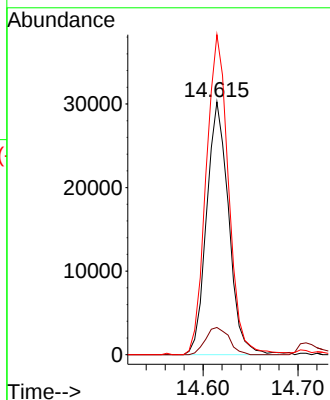
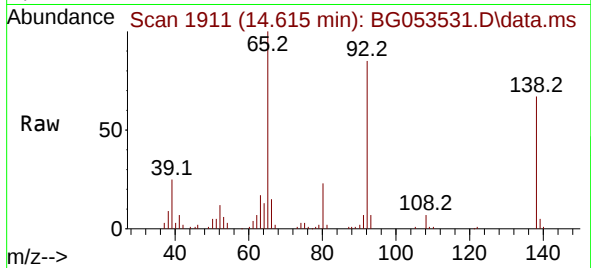




#53
3-Nitroaniline
Concen: 34.223 ng
RT: 14.615 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

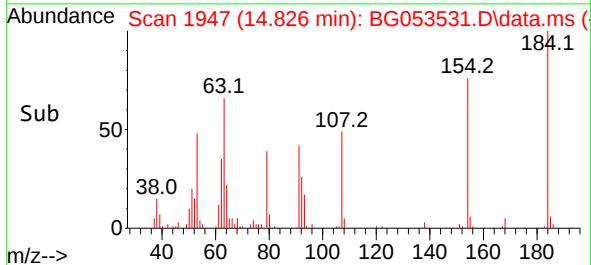
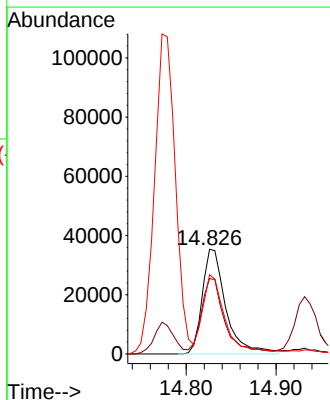
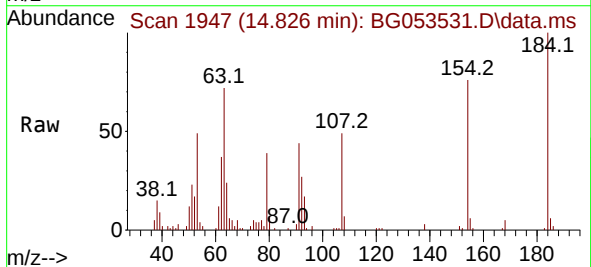
Instrument :
BNA_G
ClientSampleId :
PB144706BS

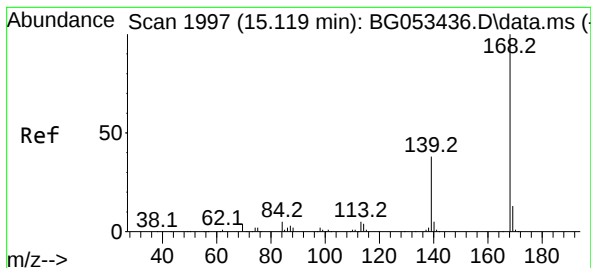
Tgt Ion:138 Resp: 48975
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 126.6 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 77.158 ng
RT: 14.826 min Scan# 1947
Delta R.T. -0.007 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:184 Resp: 64666
Ion Ratio Lower Upper
184 100
63 72.0 61.1 91.7
154 75.7 60.6 91.0





#55

Dibenzofuran

Concen: 39.366 ng

RT: 15.108 min Scan# 1995

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

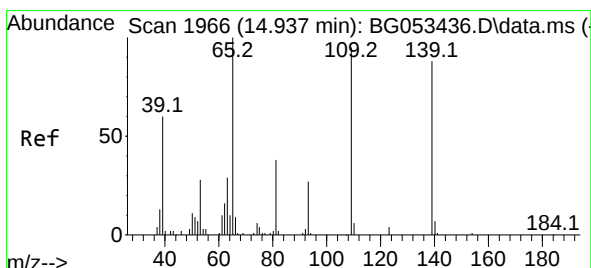
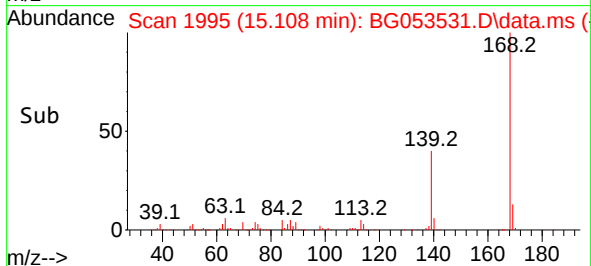
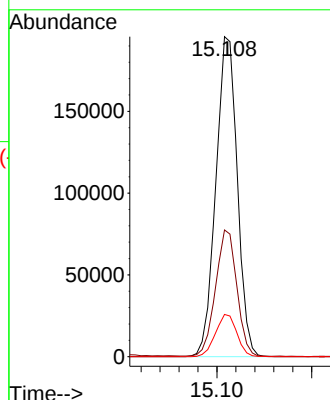
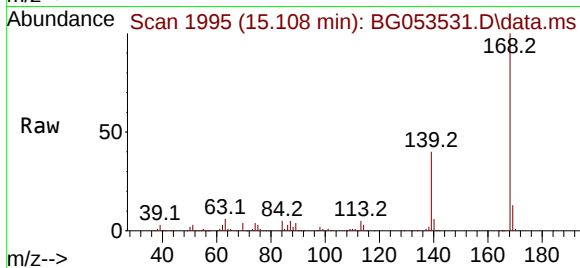
Tgt Ion:168 Resp: 307215

Ion Ratio Lower Upper

168 100

139 39.6 30.5 45.7

169 13.2 10.3 15.5



#56

4-Nitrophenol

Concen: 86.367 ng

RT: 14.932 min Scan# 1965

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

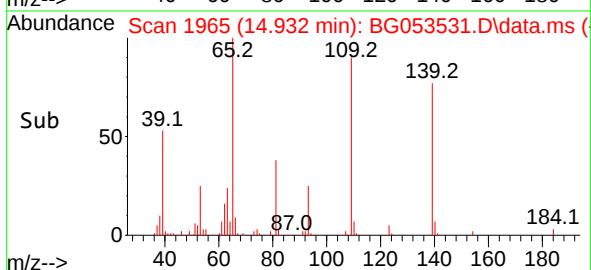
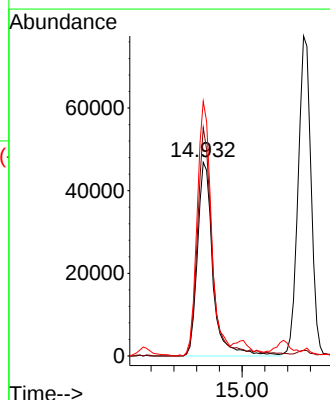
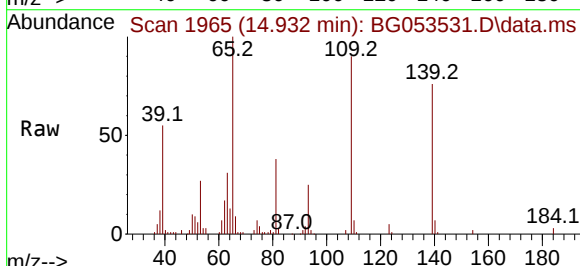
Tgt Ion:139 Resp: 88278

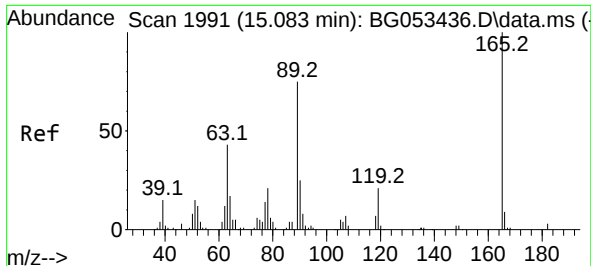
Ion Ratio Lower Upper

139 100

109 118.0 88.5 128.5

65 131.6 93.9 133.9

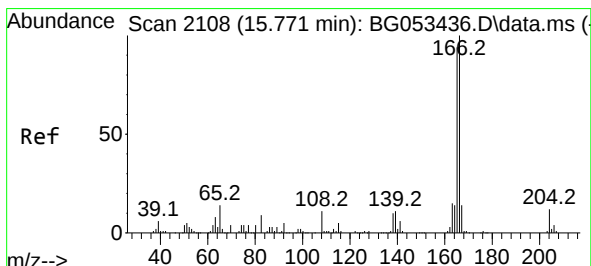
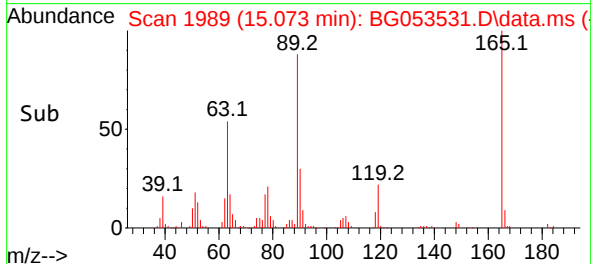
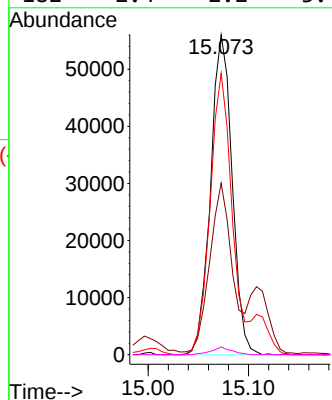
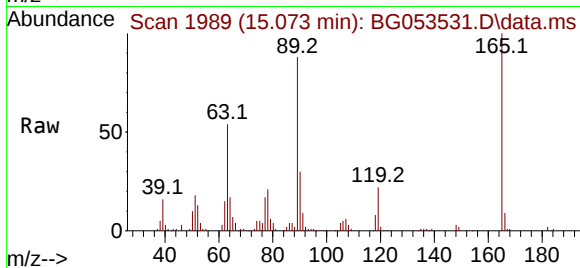




#57
2,4-Dinitrotoluene
Concen: 43.610 ng
RT: 15.073 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

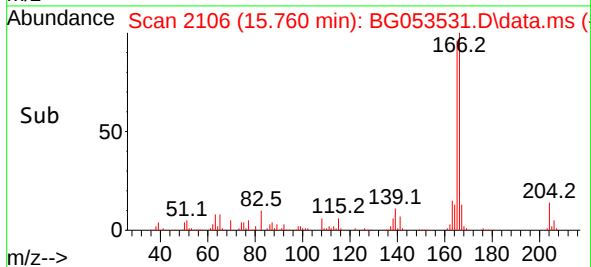
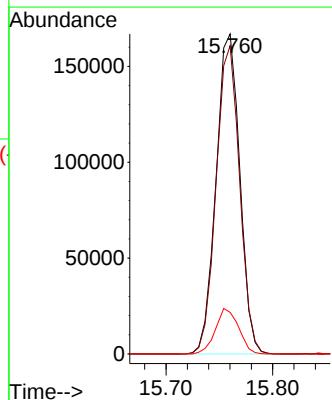
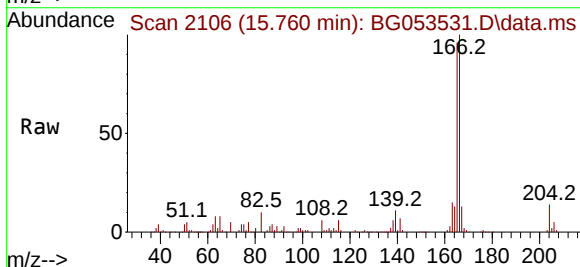
Instrument :
BNA_G
ClientSampleId :
PB144706BS

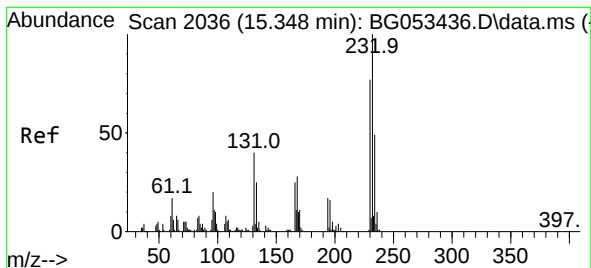
Tgt Ion:165 Resp: 83723
Ion Ratio Lower Upper
165 100
63 53.6 34.6 52.0#
89 87.9 60.3 90.5
182 2.4 2.2 3.4



#58
Fluorene
Concen: 41.142 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:166 Resp: 257656
Ion Ratio Lower Upper
166 100
165 96.4 75.0 112.6
167 13.0 10.8 16.2



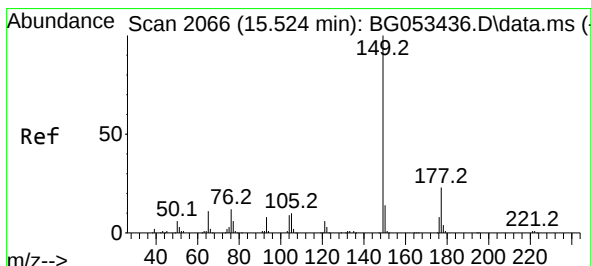
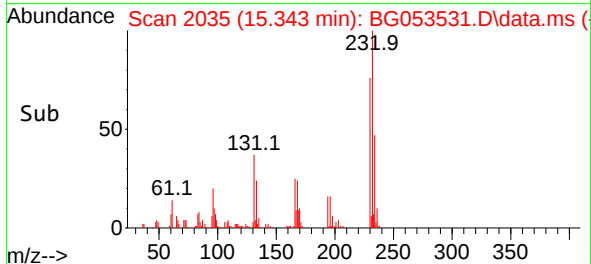
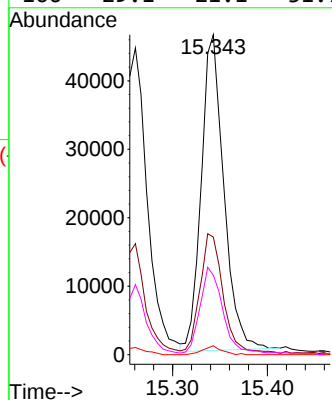
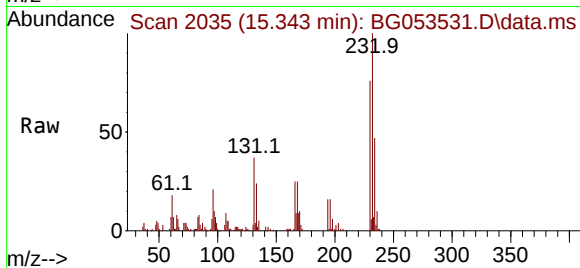


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.240 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Instrument :
BNA_G
ClientSampleId :
PB144706BS

Tgt Ion:232 Resp: 76487

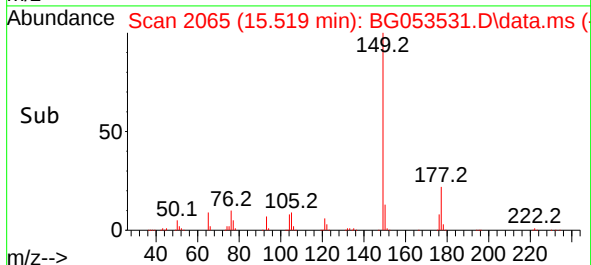
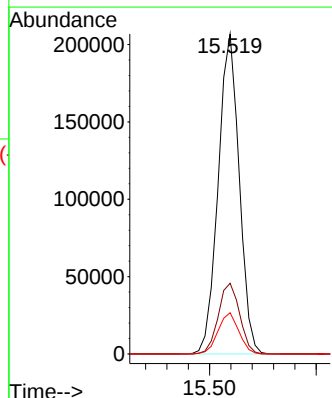
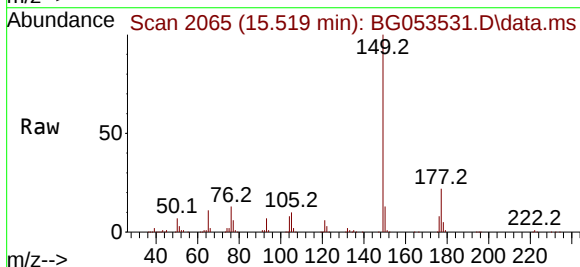
Ion	Ratio	Lower	Upper
232	100		
131	39.2	30.6	46.0
130	2.4	1.8	2.8
166	29.1	21.1	31.7

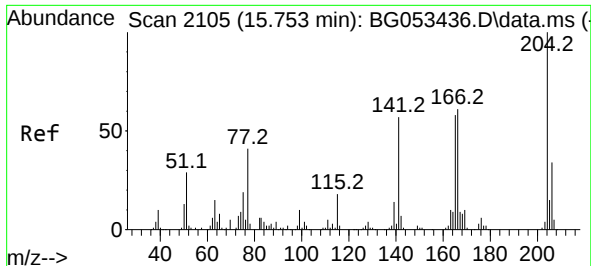


#60
Diethylphthalate
Concen: 42.040 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:149 Resp: 282312

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.4	27.6
150	12.9	11.2	16.8

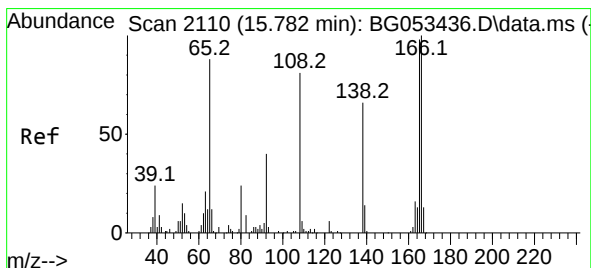
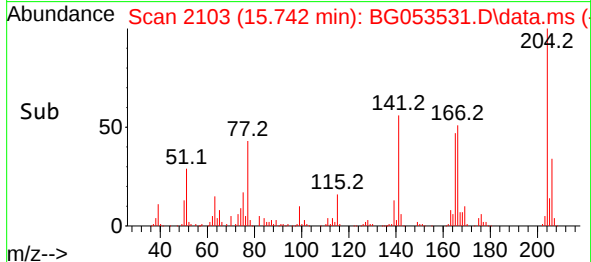
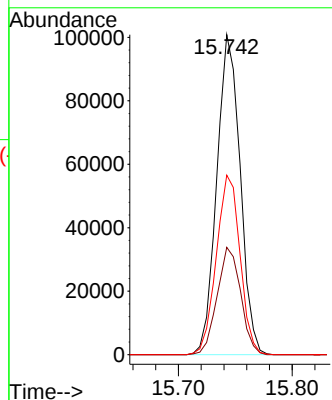
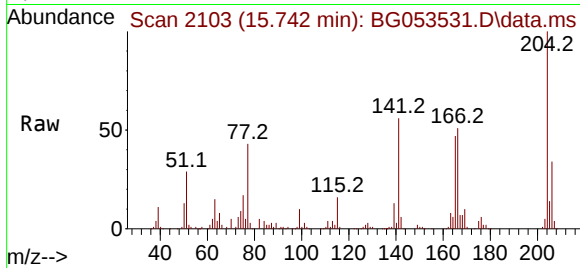




#61
4-Chlorophenyl-phenylether
Concen: 41.227 ng
RT: 15.742 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

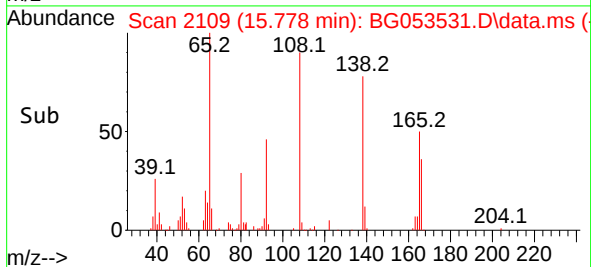
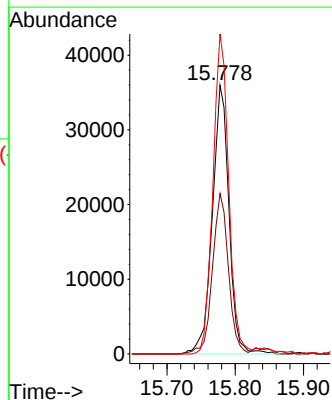
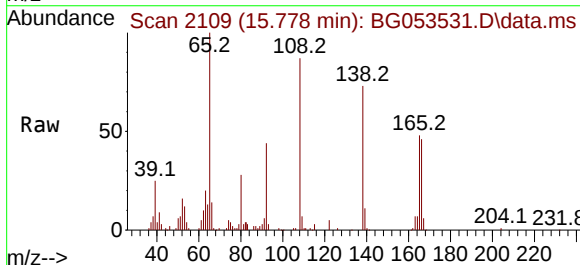
Instrument :
BNA_G
ClientSampleId :
PB144706BS

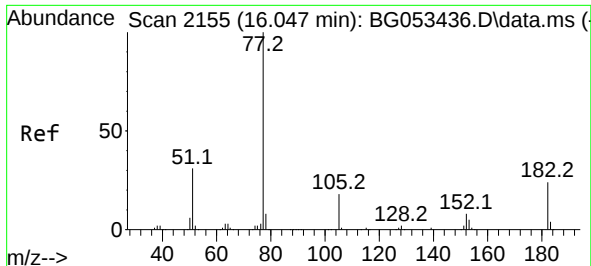
Tgt Ion:204 Resp: 144071
Ion Ratio Lower Upper
204 100
206 33.6 27.5 41.3
141 56.1 45.3 67.9



#62
4-Nitroaniline
Concen: 41.117 ng
RT: 15.778 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:138 Resp: 61029
Ion Ratio Lower Upper
138 100
92 59.8 40.5 80.5
108 119.1 103.7 143.7

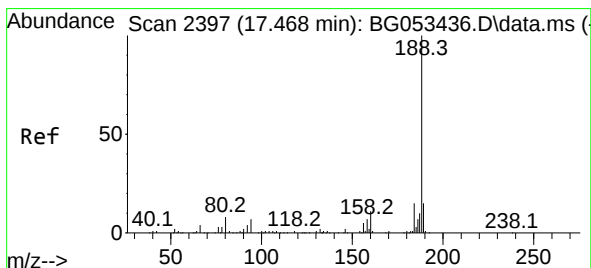
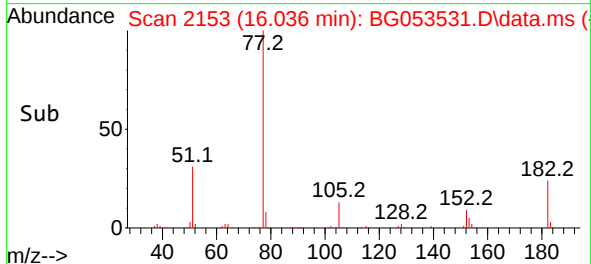
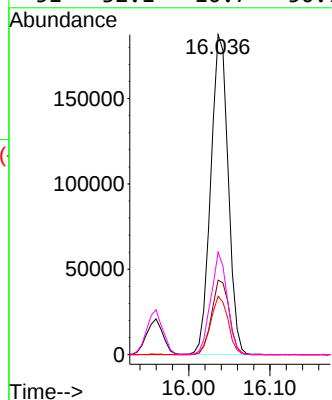
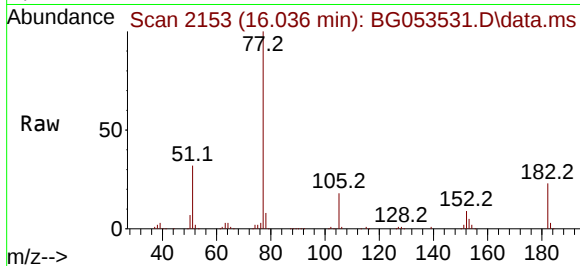




#63
Azobenzene
Concen: 40.595 ng
RT: 16.036 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

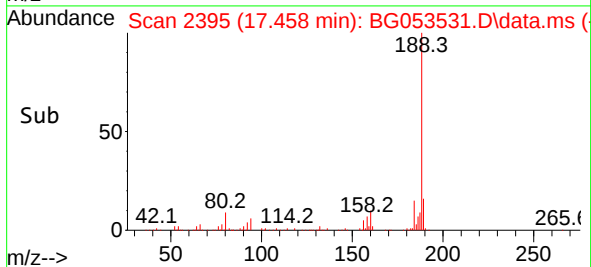
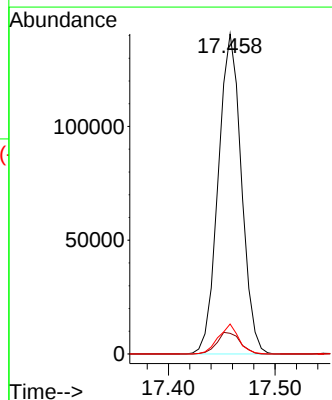
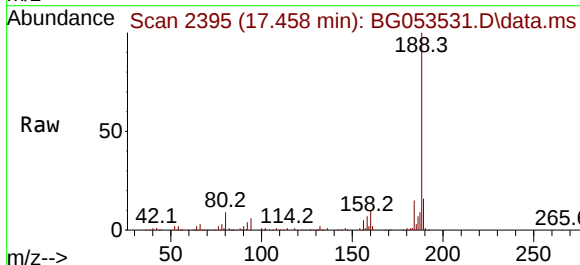
Instrument :
BNA_G
ClientSampleId :
PB144706BS

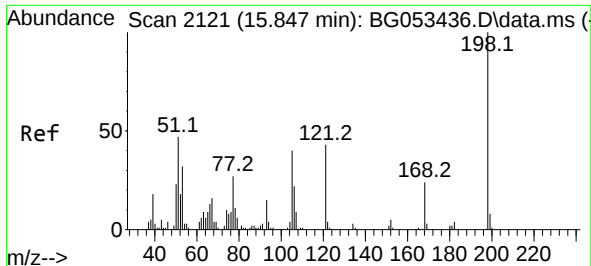
Tgt Ion:	77	Resp:	279152
Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.8	43.8
105	18.2	0.0	37.8
51	32.1	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.458 min Scan# 2395
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:	188	Resp:	211918
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	9.3	6.8	10.2

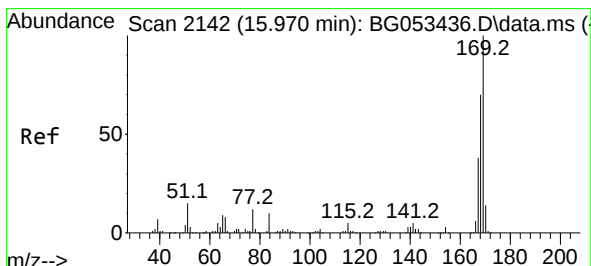
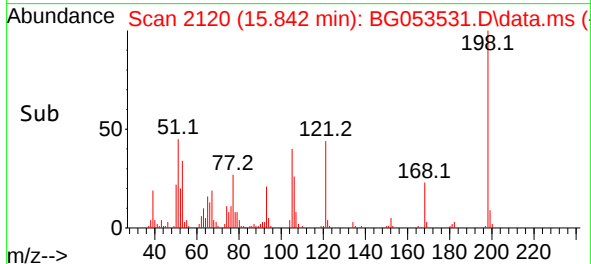
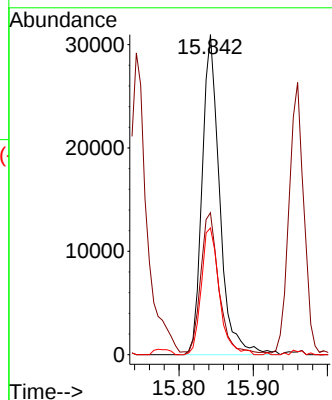
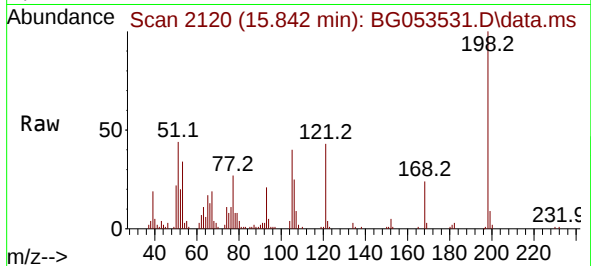




#65
4,6-Dinitro-2-methylphenol
Concen: 40.312 ng
RT: 15.842 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

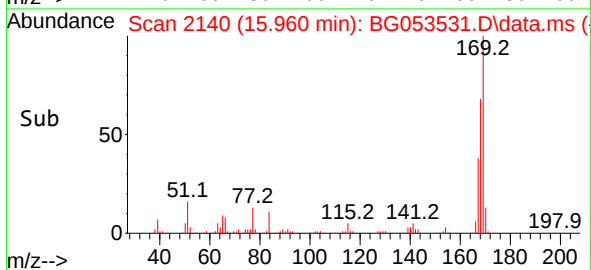
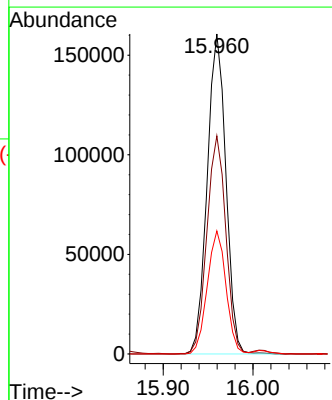
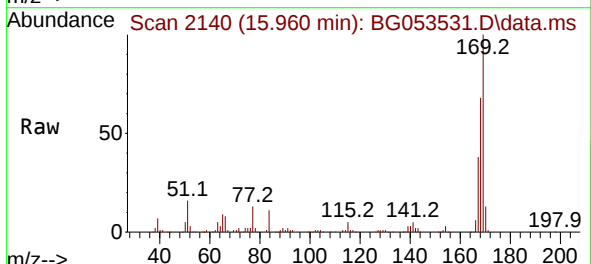
Instrument :
BNA_G
ClientSampleId :
PB144706BS

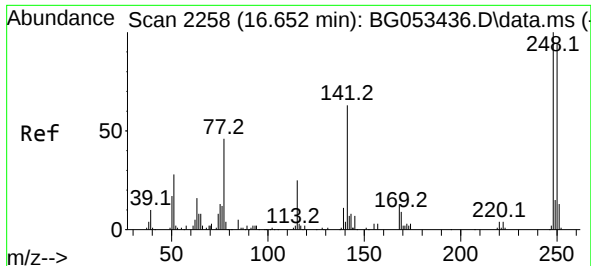
Tgt Ion:198 Resp: 50904
Ion Ratio Lower Upper
198 100
51 44.4 28.1 68.1
105 39.6 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 41.735 ng
RT: 15.960 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:169 Resp: 232212
Ion Ratio Lower Upper
169 100
168 68.2 55.9 83.9
167 38.5 30.6 46.0

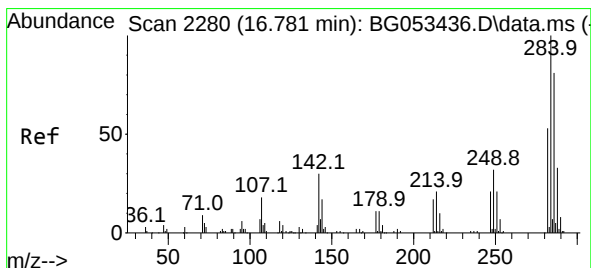
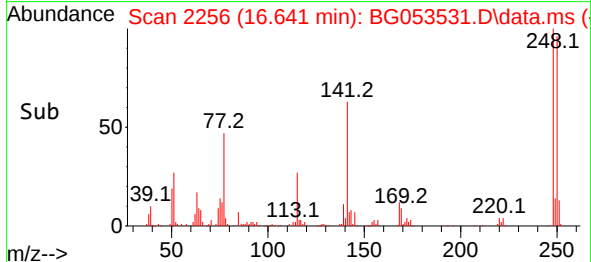
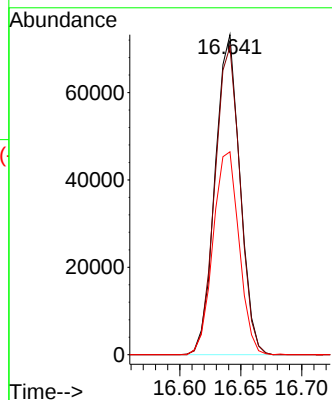
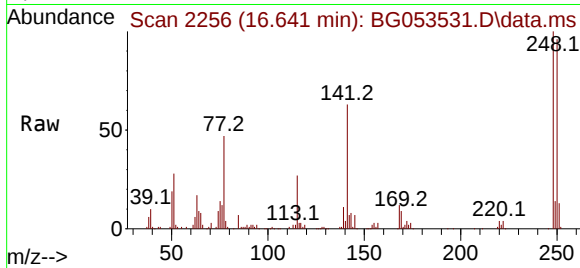




#67
 4-Bromophenyl-phenylether
 Concen: 41.906 ng
 RT: 16.641 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053531.D
 Acq: 12 May 2022 15:28

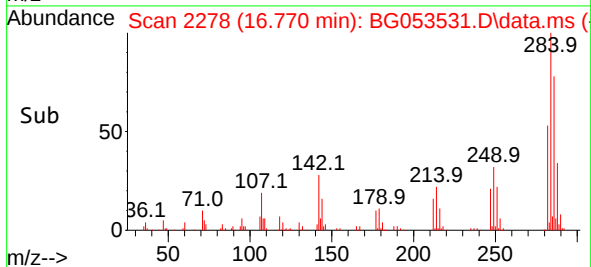
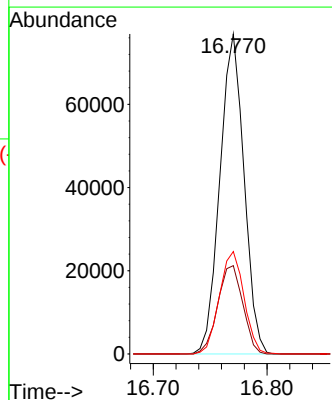
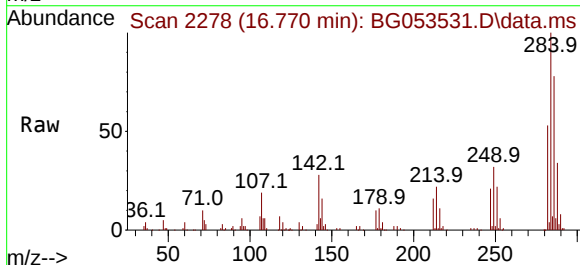
Instrument :
 BNA_G
 ClientSampleId :
 PB144706BS

Tgt Ion:248 Resp: 103715
 Ion Ratio Lower Upper
 248 100
 250 96.3 75.2 112.8
 141 63.4 50.0 75.0



#68
 Hexachlorobenzene
 Concen: 41.798 ng
 RT: 16.770 min Scan# 2278
 Delta R.T. -0.001 min
 Lab File: BG053531.D
 Acq: 12 May 2022 15:28

Tgt Ion:284 Resp: 113294
 Ion Ratio Lower Upper
 284 100
 142 27.6 23.6 35.4
 249 32.0 25.8 38.6





#69

Atrazine

Concen: 45.004 ng

RT: 16.906 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

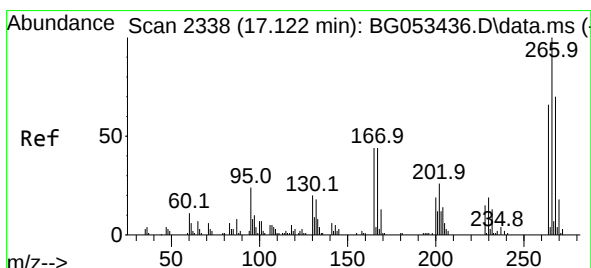
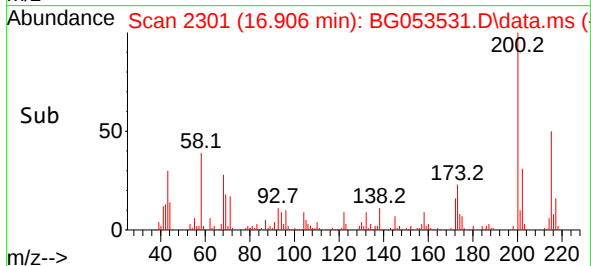
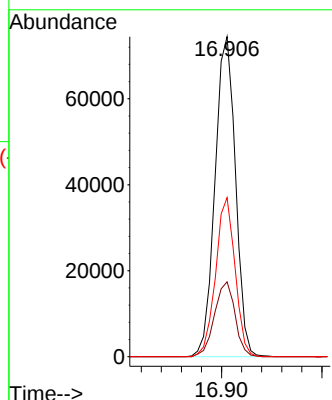
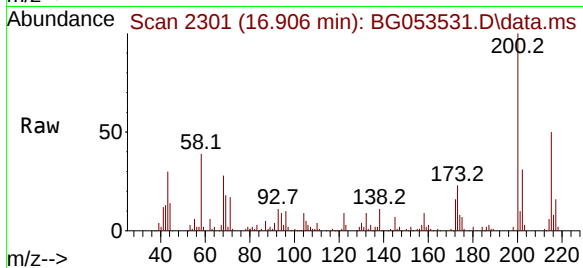
Tgt Ion:200 Resp: 105414

Ion Ratio Lower Upper

200 100

173 23.4 3.7 43.7

215 49.7 25.2 65.2



#70

Pentachlorophenol

Concen: 75.962 ng

RT: 17.117 min Scan# 2337

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

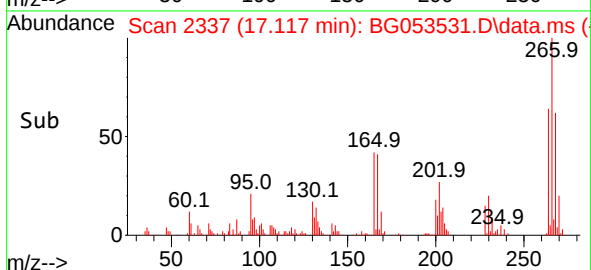
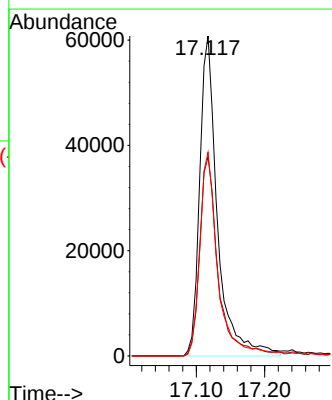
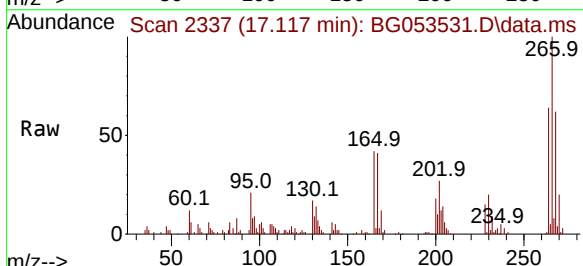
Tgt Ion:266 Resp: 110519

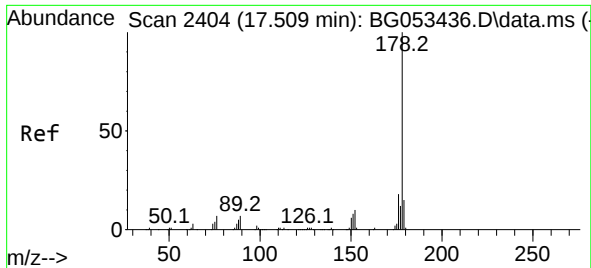
Ion Ratio Lower Upper

266 100

268 62.1 56.2 84.2

264 63.7 53.0 79.4

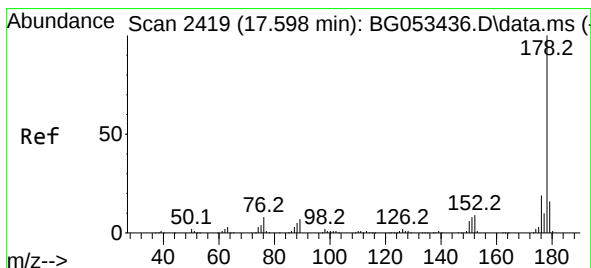
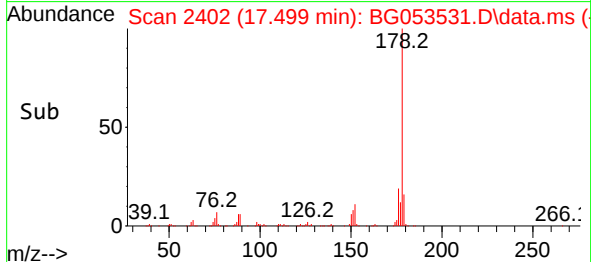
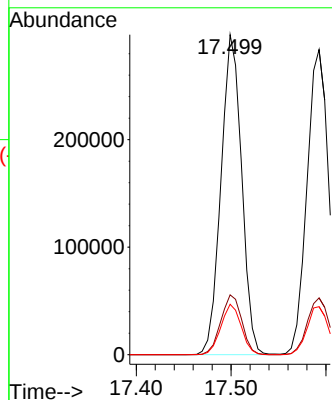
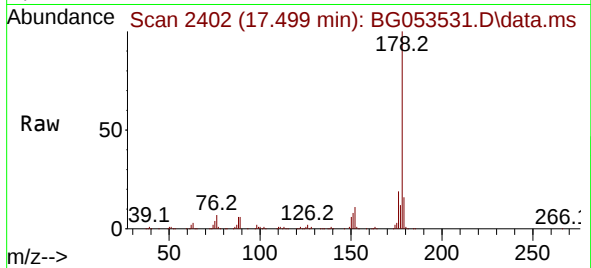




#71
Phenanthrene
Concen: 41.860 ng
RT: 17.499 min Scan# 241
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

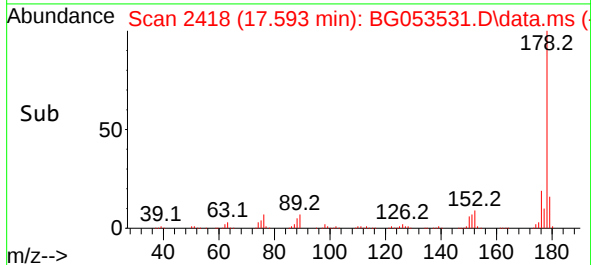
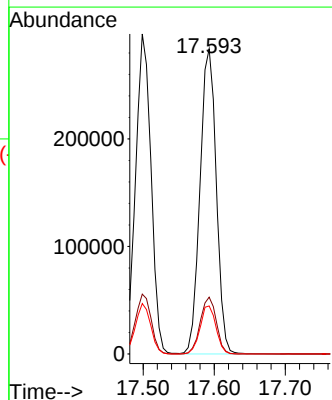
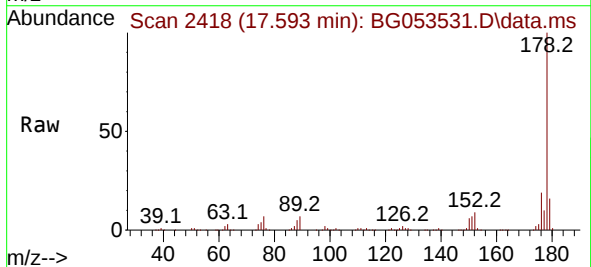
Instrument :
BNA_G
ClientSampleId :
PB144706BS

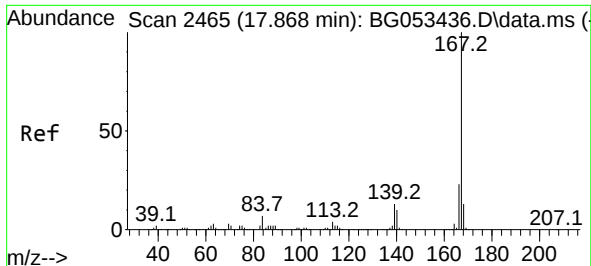
Tgt Ion:178 Resp: 451071
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 15.7 12.1 18.1



#72
Anthracene
Concen: 42.707 ng
RT: 17.593 min Scan# 2418
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:178 Resp: 452331
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.7 13.0 19.4

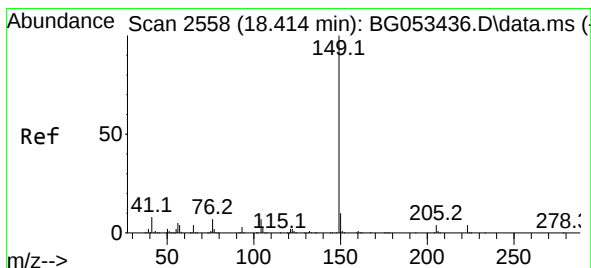
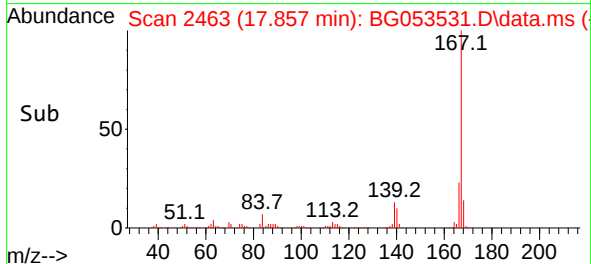
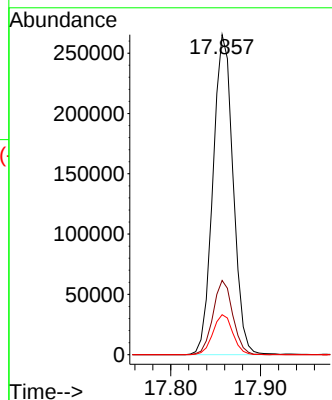
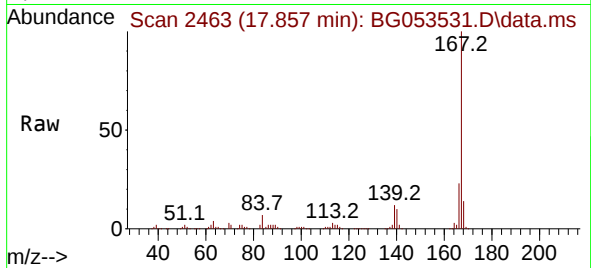




#73
Carbazole
Concen: 39.779 ng
RT: 17.857 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

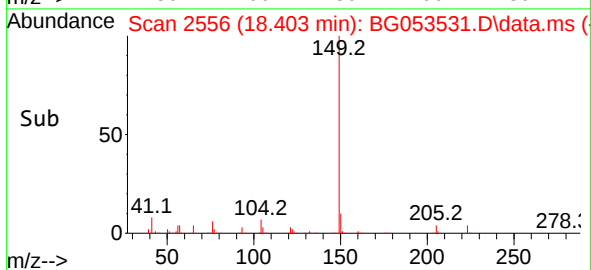
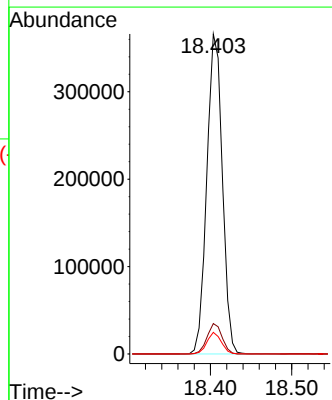
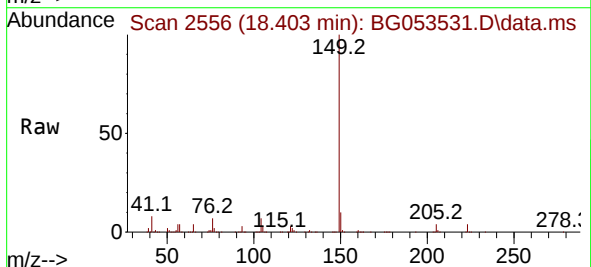
Instrument :
BNA_G
ClientSampleId :
PB144706BS

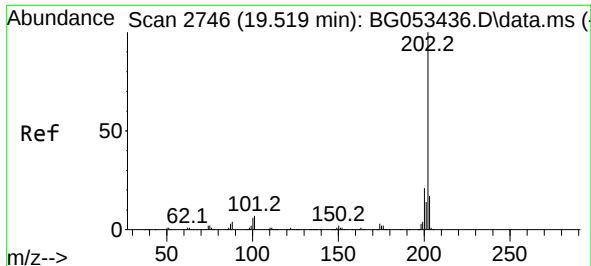
Tgt Ion:167 Resp: 412917
Ion Ratio Lower Upper
167 100
166 23.2 18.2 27.2
139 12.5 10.1 15.1



#74
Di-n-butylphthalate
Concen: 41.465 ng
RT: 18.403 min Scan# 2556
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:149 Resp: 484084
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 6.7 5.4 8.0

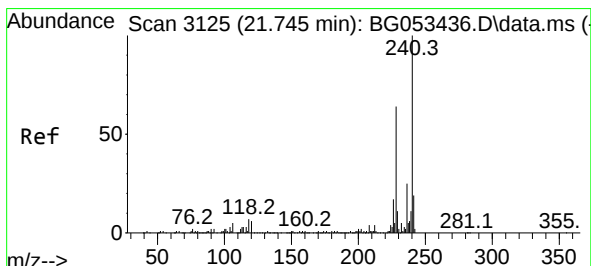
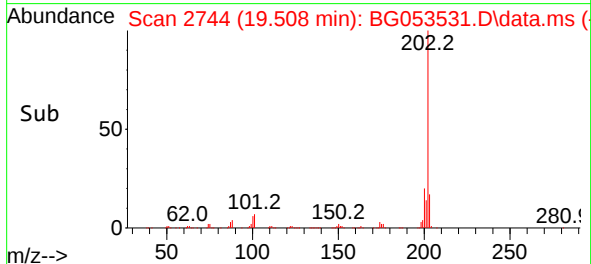
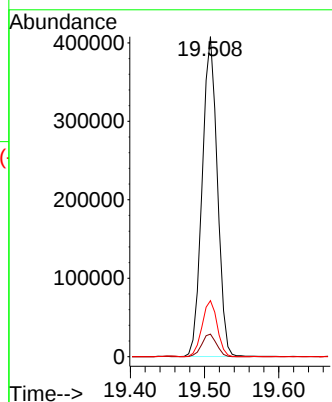
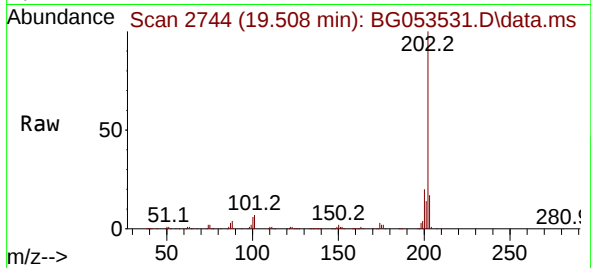




#75
Fluoranthene
Concen: 41.366 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

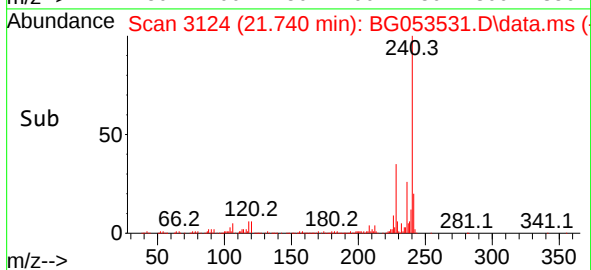
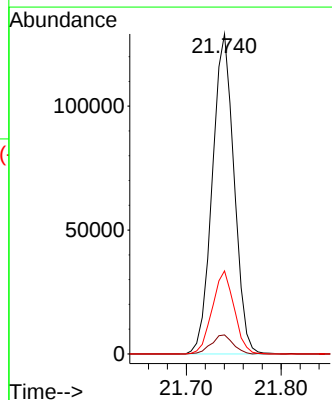
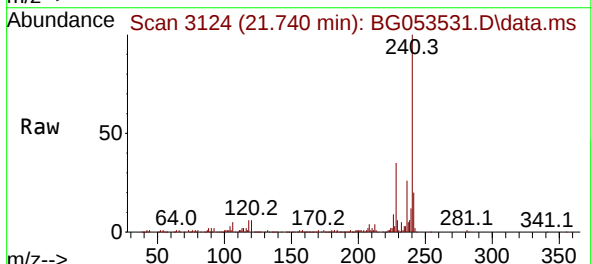
Instrument :
BNA_G
ClientSampleId :
PB144706BS

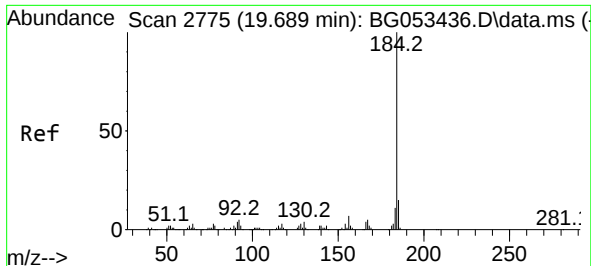
Tgt Ion:202 Resp: 577150
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:240 Resp: 205976
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 26.0 20.2 30.4

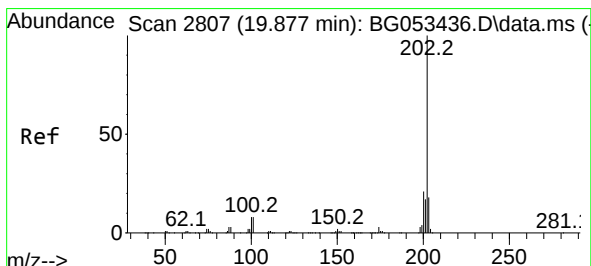
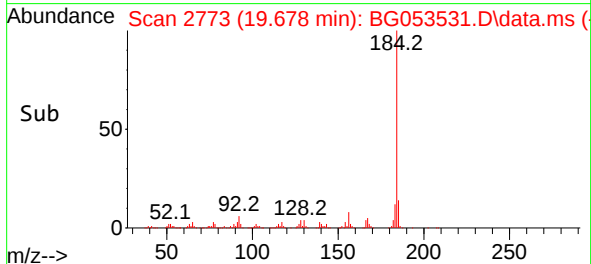
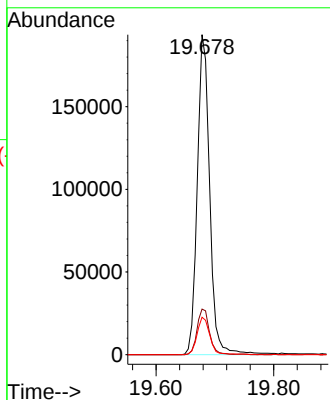
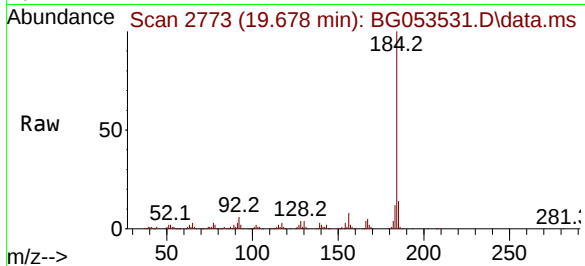




#77
Benzidine
Concen: 63.808 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

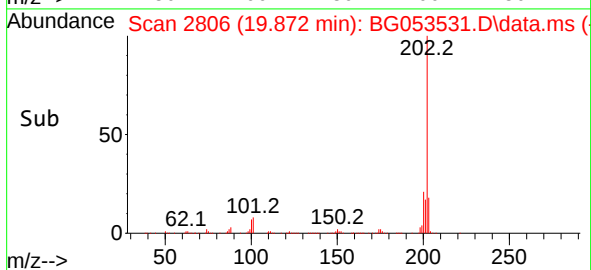
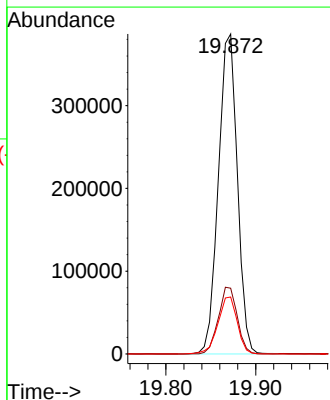
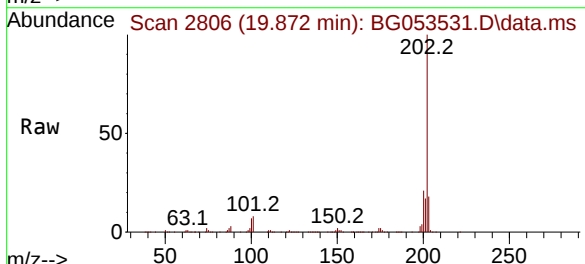
Instrument :
BNA_G
ClientSampleId :
PB144706BS

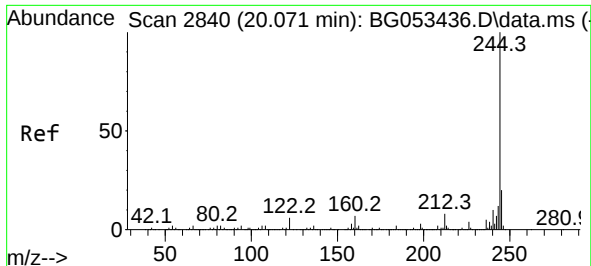
Tgt Ion:184 Resp: 283279
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.7 8.9 13.3



#78
Pyrene
Concen: 42.525 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.001 min
Lab File: BG053531.D
Acq: 12 May 2022 15:28

Tgt Ion:202 Resp: 567023
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.8 14.6 21.8

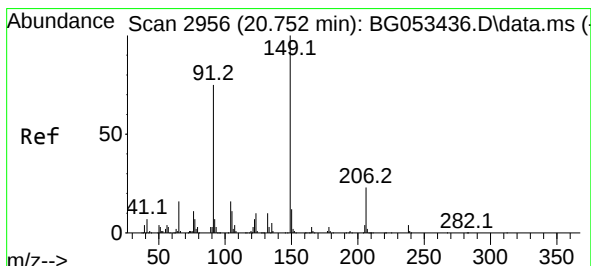
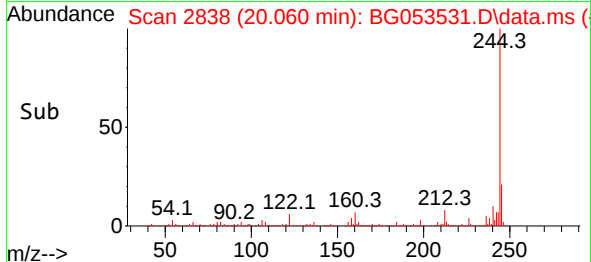
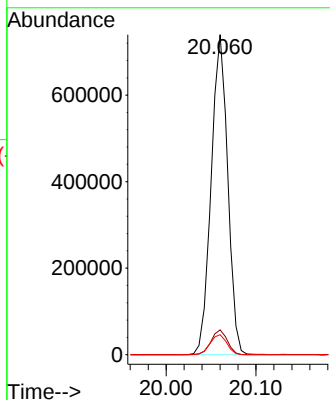
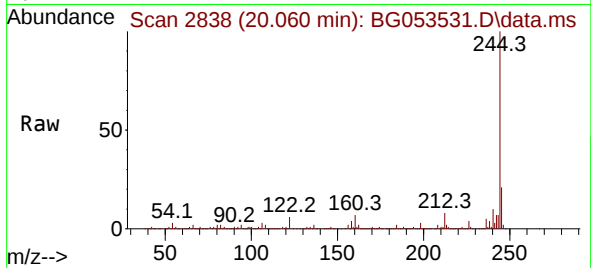




#79
 Terphenyl-d14
 Concen: 85.471 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053531.D
 Acq: 12 May 2022 15:28

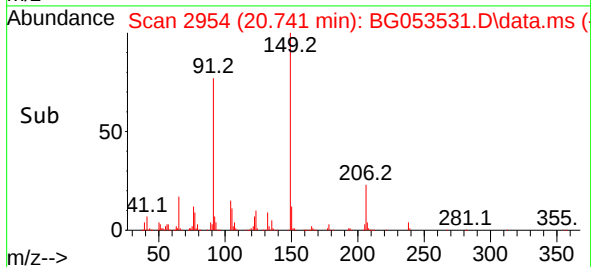
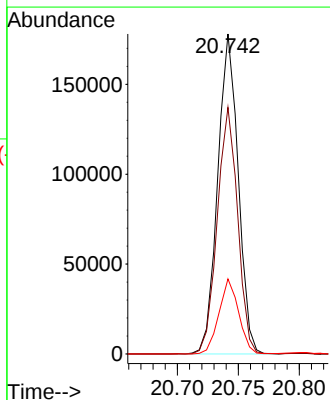
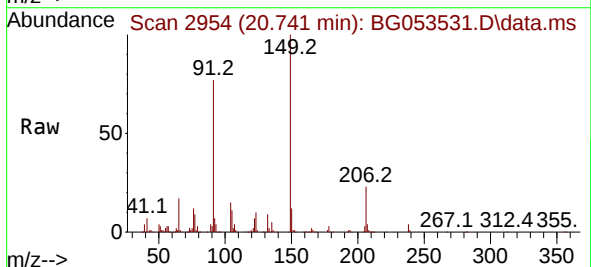
Instrument :
 BNA_G
 ClientSampleId :
 PB144706BS

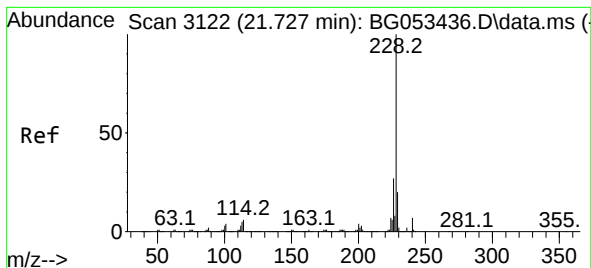
Tgt Ion:244 Resp: 945253
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.2 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 42.677 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.001 min
 Lab File: BG053531.D
 Acq: 12 May 2022 15:28

Tgt Ion:149 Resp: 208667
 Ion Ratio Lower Upper
 149 100
 91 77.1 59.6 89.4
 206 23.5 18.6 28.0





#81

Benzo(a)anthracene

Concen: 42.041 ng

RT: 21.717 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

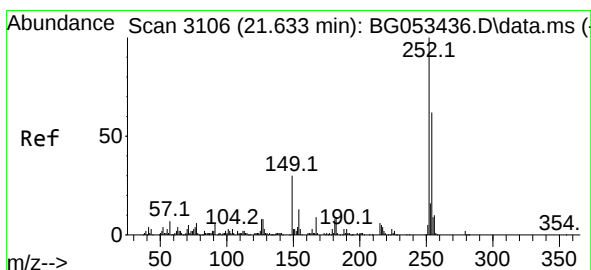
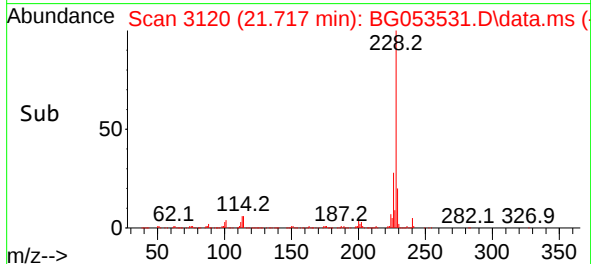
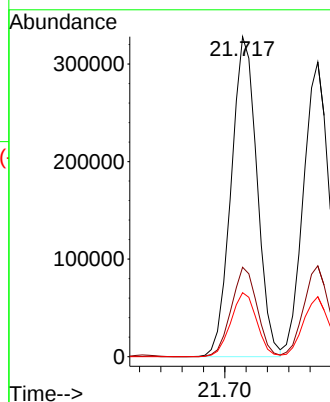
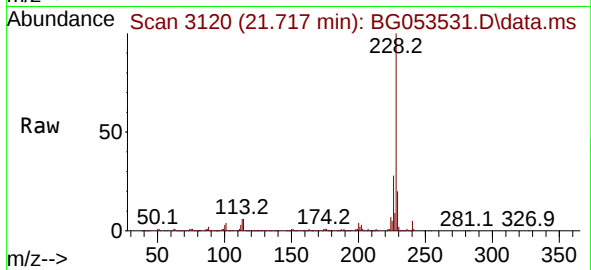
Tgt Ion:228 Resp: 552313

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 45.854 ng

RT: 21.623 min Scan# 3104

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

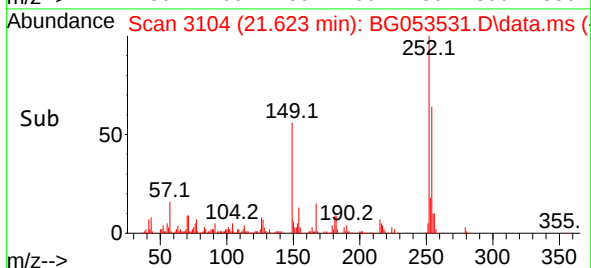
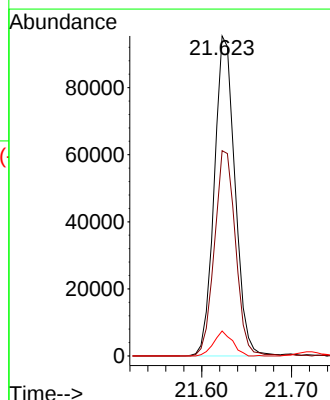
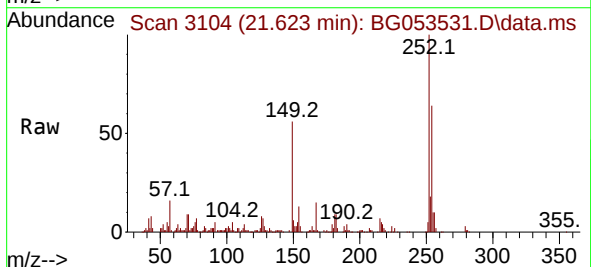
Tgt Ion:252 Resp: 152765

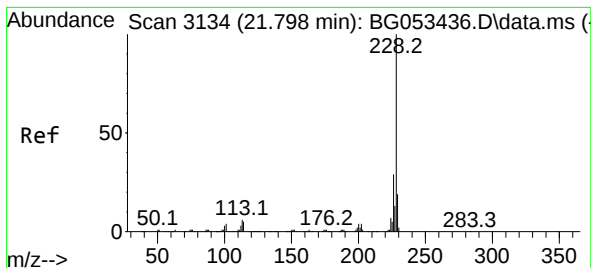
Ion Ratio Lower Upper

252 100

254 64.1 49.8 74.8

126 7.8 6.0 9.0





#83

Chrysene

Concen: 41.171 ng

RT: 21.787 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

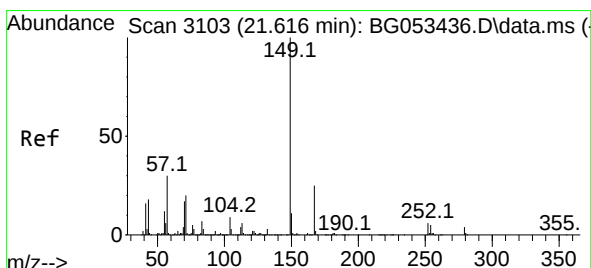
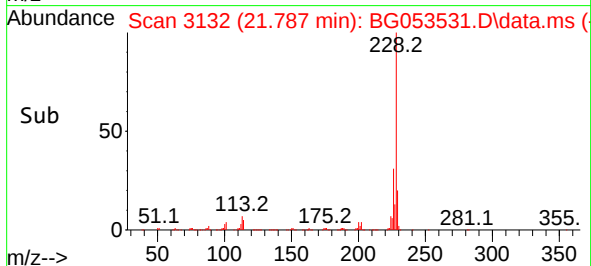
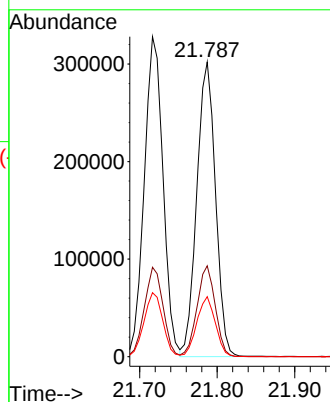
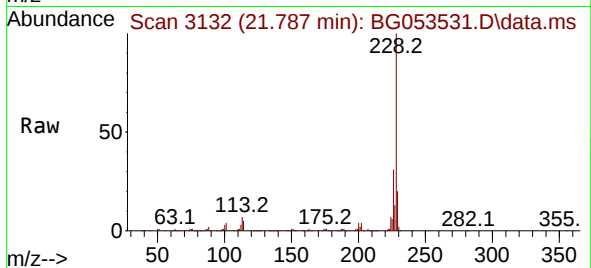
Tgt Ion:228 Resp: 505170

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

229 20.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.173 ng

RT: 21.605 min Scan# 3101

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

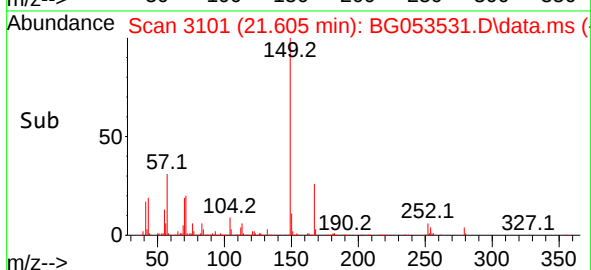
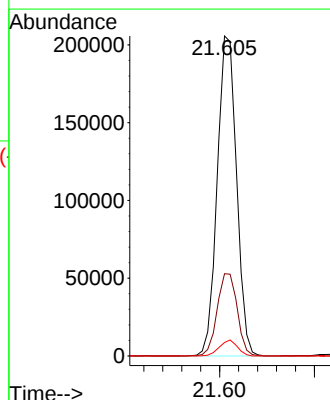
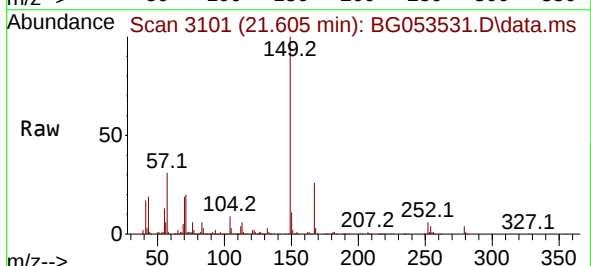
Tgt Ion:149 Resp: 291354

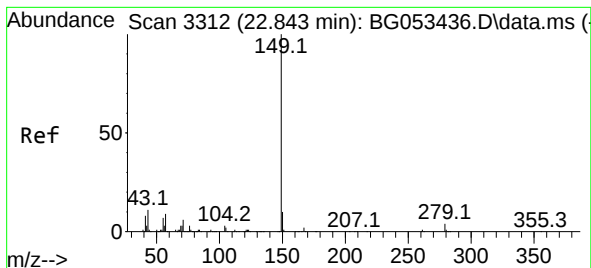
Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.785 ng

RT: 22.833 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

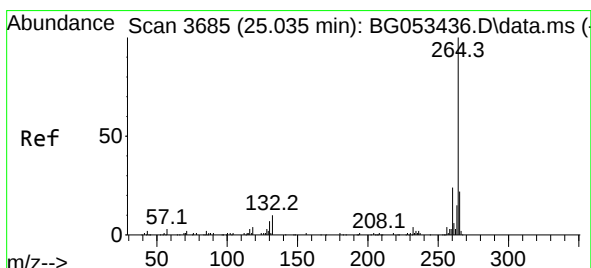
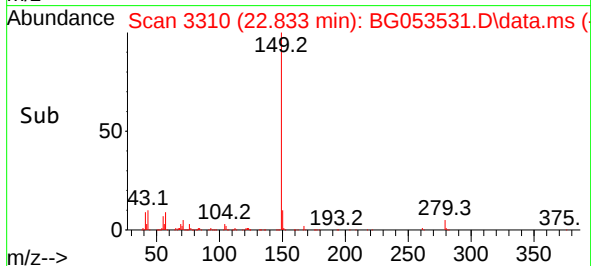
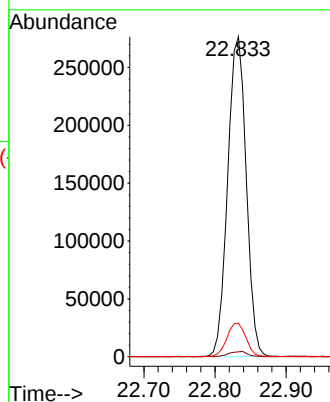
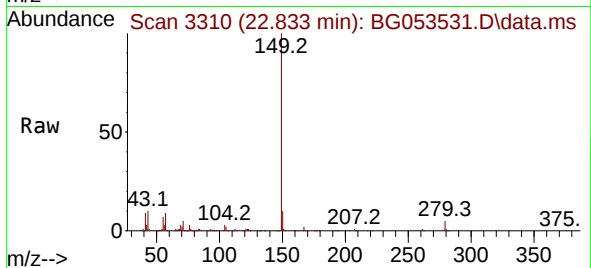
Tgt Ion:149 Resp: 499669

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3682

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

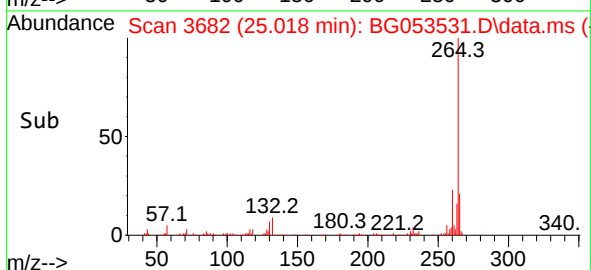
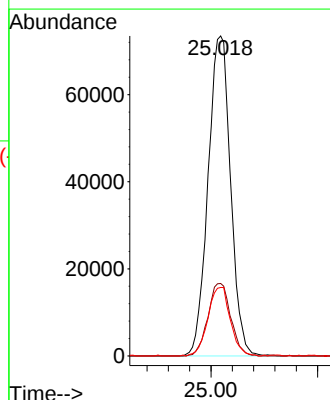
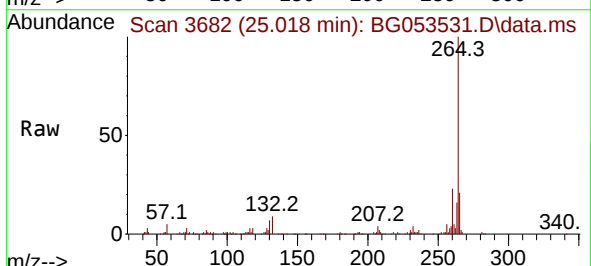
Tgt Ion:264 Resp: 215351

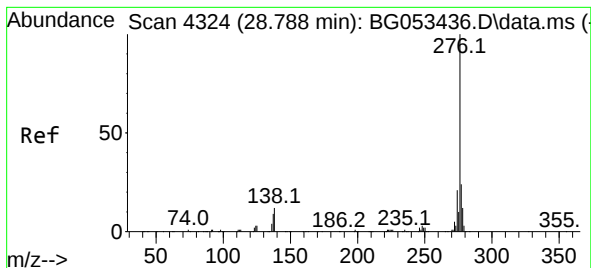
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.450 ng

RT: 28.778 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

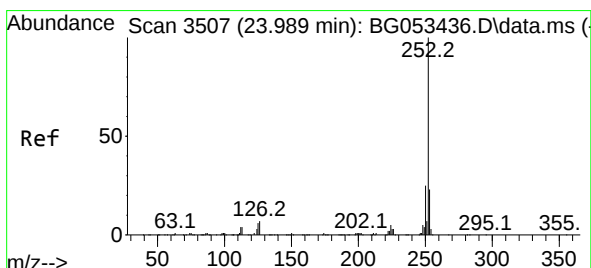
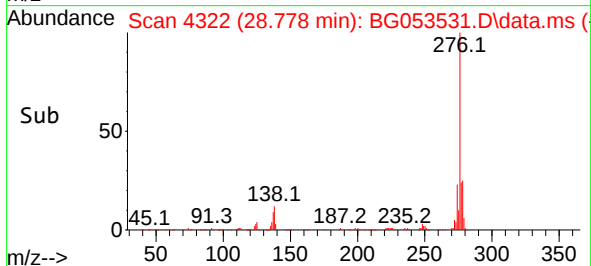
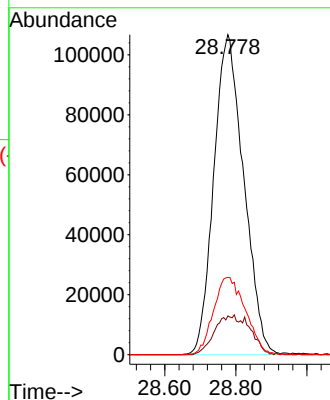
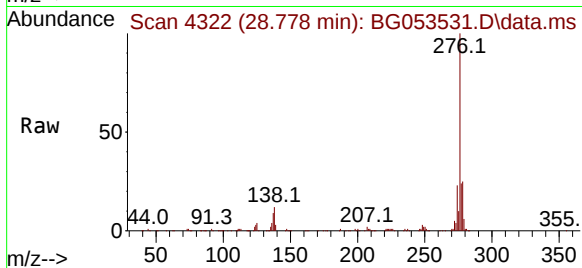
Tgt Ion:276 Resp: 621704

Ion Ratio Lower Upper

276 100

138 9.4 5.0 7.4#

277 25.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.286 ng

RT: 23.978 min Scan# 3505

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

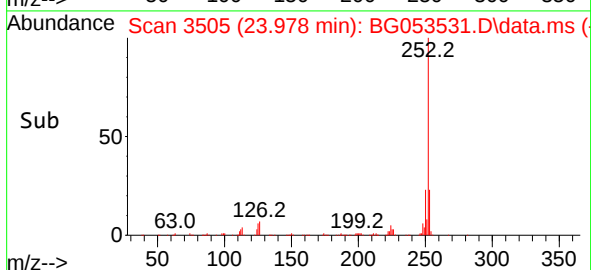
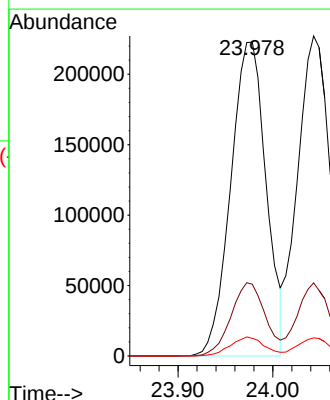
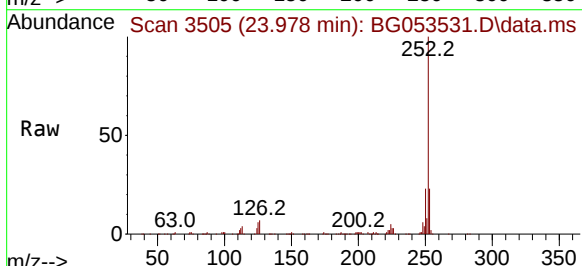
Tgt Ion:252 Resp: 577264

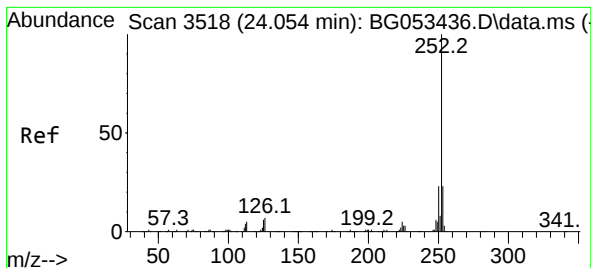
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 5.6 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 43.739 ng

RT: 24.043 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

Instrument :

BNA_G

ClientSampleId :

PB144706BS

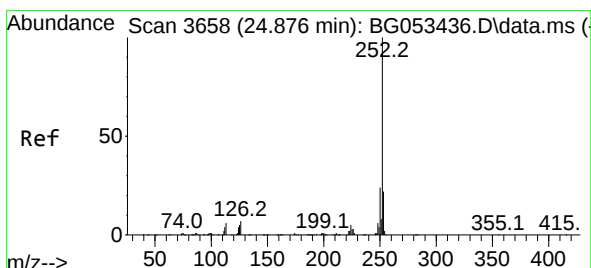
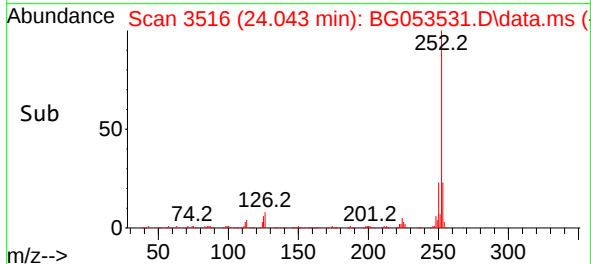
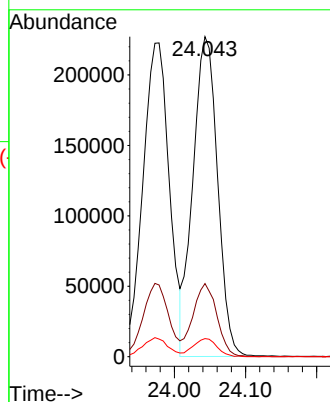
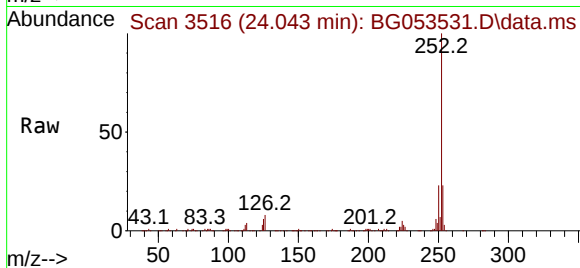
Tgt Ion:252 Resp: 547876

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 5.7 4.8 7.2



#90

Benzo(a)pyrene

Concen: 51.382 ng

RT: 24.865 min Scan# 3656

Delta R.T. -0.001 min

Lab File: BG053531.D

Acq: 12 May 2022 15:28

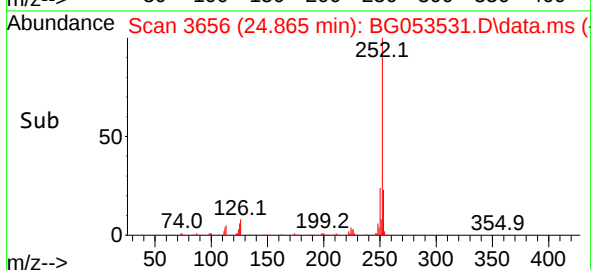
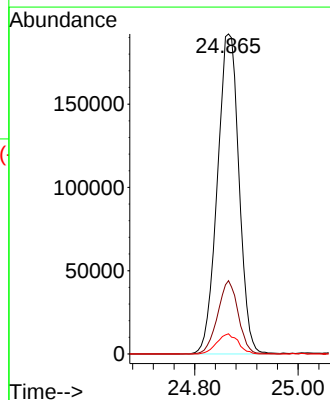
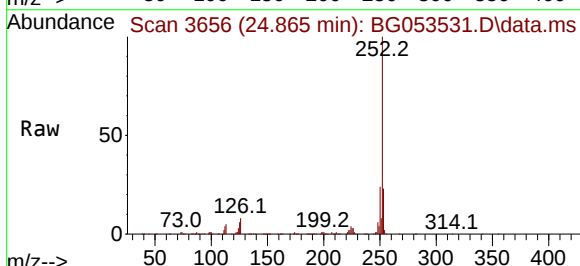
Tgt Ion:252 Resp: 557470

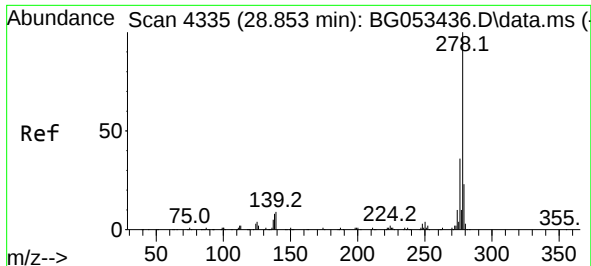
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 6.3 4.3 6.5

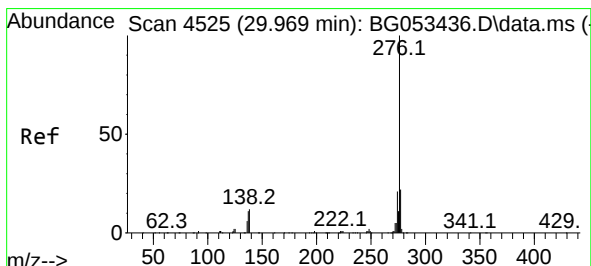
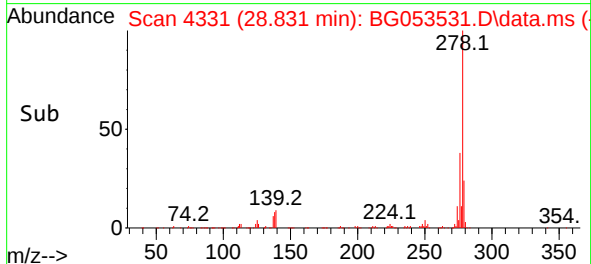
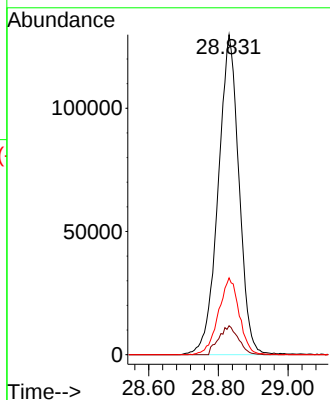
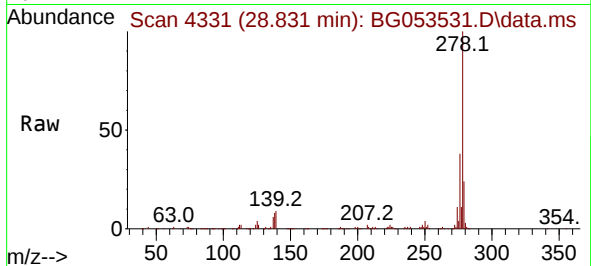




#91
 Dibenzo(a,h)anthracene
 Concen: 43.521 ng
 RT: 28.831 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG053531.D
 Acq: 12 May 2022 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB144706BS

Tgt Ion:278 Resp: 537865
 Ion Ratio Lower Upper
 278 100
 139 9.1 7.2 10.8
 279 24.0 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 43.970 ng
 RT: 29.958 min Scan# 4523
 Delta R.T. 0.004 min
 Lab File: BG053531.D
 Acq: 12 May 2022 15:28

Tgt Ion:276 Resp: 538659
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.3 25.9
 138 11.5 9.6 14.4

