

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056463.D
 Acq On : 27 Jan 2023 20:32
 Operator : CG/JU
 Sample : PB150385BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

Quant Time: Jan 28 01:12:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	25391	20.000	ng	# 0.00
21) Naphthalene-d8	11.115	136	107901	20.000	ng	0.00
39) Acenaphthene-d10	14.899	164	95479	20.000	ng	0.00
64) Phenanthrene-d10	17.637	188	252408	20.000	ng	0.00
76) Chrysene-d12	21.926	240	238877	20.000	ng	0.00
86) Perylene-d12	25.351	264	262883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	235737	170.792	ng	0.00
7) Phenol-d6	7.425	99	332689	162.677	ng	0.00
23) Nitrobenzene-d5	9.458	82	175155	92.179	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	185283	145.968	ng	0.00
45) 2-Fluorobiphenyl	13.524	172	619371	89.937	ng	0.00
79) Terphenyl-d14	20.210	244	1295194	95.230	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	19438	33.821	ng	94
3) Pyridine	4.017	79	58161	33.948	ng	# 93
4) n-Nitrosodimethylamine	3.929	42	16184	44.420	ng	92
6) Aniline	7.590	93	113572	42.416	ng	98
8) 2-Chlorophenol	7.842	128	80295	52.955	ng	96
9) Benzaldehyde	7.402	77	32719	33.246	ng	94
10) Phenol	7.449	94	113387	54.550	ng	97
11) bis(2-Chloroethyl)ether	7.684	93	67659	47.357	ng	95
12) 1,3-Dichlorobenzene	8.165	146	83825	48.015	ng	97
13) 1,4-Dichlorobenzene	8.312	146	87030	49.225	ng	97
14) 1,2-Dichlorobenzene	8.641	146	85469	49.826	ng	99
15) Benzyl Alcohol	8.512	79	70603	50.318	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.794	45	13689	45.220	ng	91
17) 2-Methylphenol	8.718	107	77793	49.195	ng	94
18) Hexachloroethane	9.376	117	25284	47.282	ng	91
19) n-Nitroso-di-n-propyla...	9.082	70	54669	46.386	ng	97
20) 3+4-Methylphenols	9.047	107	110869	50.029	ng	99
22) Acetophenone	9.105	105	128304	44.753	ng	98
24) Nitrobenzene	9.499	77	83673	45.652	ng	97
25) Isophorone	10.016	82	170801	43.571	ng	98
26) 2-Nitrophenol	10.216	139	51231	46.069	ng	97
27) 2,4-Dimethylphenol	10.263	122	91366	49.093	ng	96
28) bis(2-Chloroethoxy)met...	10.492	93	97669	45.100	ng	98
29) 2,4-Dichlorophenol	10.756	162	106479	50.828	ng	96
30) 1,2,4-Trichlorobenzene	10.968	180	109102	46.866	ng	99
31) Naphthalene	11.162	128	256613	45.059	ng	98
32) Benzoic acid	10.404	122	45684	43.875	ng	96
33) 4-Chloroaniline	11.268	127	100433	37.780	ng	98
34) Hexachlorobutadiene	11.438	225	75361	46.119	ng	98
35) Caprolactam	12.037	113	18122	25.650	ng	92
36) 4-Chloro-3-methylphenol	12.366	107	100509	49.681	ng	97
37) 2-Methylnaphthalene	12.748	142	208599	44.429	ng	99
38) 1-Methylnaphthalene	12.966	142	192389	43.875	ng	98
40) 1,2,4,5-Tetrachloroben...	13.112	216	156711	44.926	ng	97
41) Hexachlorocyclopentadiene	13.083	237	176587	94.265	ng	98
43) 2,4,6-Trichlorophenol	13.342	196	104188	46.350	ng	97

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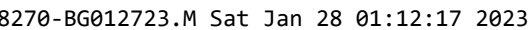
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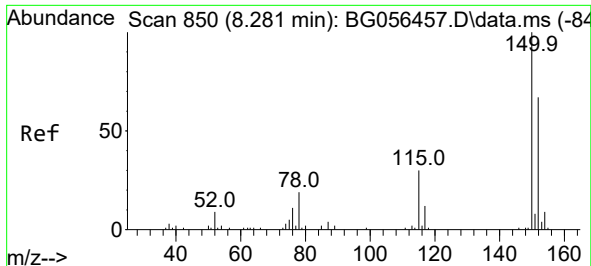
Quant Time: Jan 28 01:12:12 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	111224	42.261	ng	95
46) 1,1'-Biphenyl	13.735	154	306910	44.317	ng	99
47) 2-Chloronaphthalene	13.788	162	243128	44.915	ng	99
48) 2-Nitroaniline	13.982	65	50793	45.391	ng	91
49) Acenaphthylene	14.628	152	390267	44.314	ng	100
50) Dimethylphthalate	14.340	163	343151	44.424	ng	99
51) 2,6-Dinitrotoluene	14.464	165	74859	44.439	ng	98
52) Acenaphthene	14.963	154	232355	44.490	ng	99
53) 3-Nitroaniline	14.799	138	56139	34.376	ng	97
54) 2,4-Dinitrophenol	15.010	184	105709	100.097	ng	97
55) Dibenzofuran	15.292	168	415969	44.412	ng	100
56) 4-Nitrophenol	15.104	139	107273	96.131	ng	93
57) 2,4-Dinitrotoluene	15.251	165	109773	46.263	ng	99
58) Fluorene	15.939	166	337893	45.338	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.521	232	113192	48.372	ng	99
60) Diethylphthalate	15.686	149	323338	44.577	ng	99
61) 4-Chlorophenyl-phenyle...	15.921	204	203858	44.827	ng	97
62) 4-Nitroaniline	15.962	138	70702	43.266	ng	98
63) Azobenzene	16.215	77	224297	44.941	ng	97
65) 4,6-Dinitro-2-methylph...	16.021	198	75311	42.439	ng	99
66) n-Nitrosodiphenylamine	16.132	169	313009	43.800	ng	100
67) 4-Bromophenyl-phenylether	16.814	248	142955	44.241	ng	99
68) Hexachlorobenzene	16.943	284	146694	46.352	ng	99
69) Atrazine	17.067	200	135417	49.117	ng	98
70) Pentachlorophenol	17.284	266	156905	81.937	ng	100
71) Phenanthrene	17.678	178	596467	45.151	ng	97
72) Anthracene	17.772	178	604834	44.601	ng	99
73) Carbazole	18.036	167	519859	45.010	ng	100
74) Di-n-butylphthalate	18.565	149	526110	43.382	ng	99
75) Fluoranthene	19.670	202	742357	44.524	ng	99
77) Benzidine	19.840	184	318282	49.237	ng	98
78) Pyrene	20.034	202	753830	44.371	ng	99
80) Butylbenzylphthalate	20.886	149	228379	44.015	ng	99
81) Benzo(a)anthracene	21.908	228	760805	45.557	ng	98
82) 3,3'-Dichlorobenzidine	21.808	252	203091	33.770	ng	99
83) Chrysene	21.979	228	704352	44.893	ng	99
84) Bis(2-ethylhexyl)phtha...	21.767	149	324895	43.674	ng	99
85) Di-n-octyl phthalate	23.036	149	550507	44.437	ng	99
87) Indeno(1,2,3-cd)pyrene	29.294	276	892960	46.404	ng	# 95
88) Benzo(b)fluoranthene	24.252	252	802489	49.181	ng	98
89) Benzo(k)fluoranthene	24.329	252	768619	46.656	ng	100
90) Benzo(a)pyrene	25.187	252	696354	43.324	ng	99
91) Dibenzo(a,h)anthracene	29.352	278	746519	46.216	ng	100
92) Benzo(g,h,i)perylene	30.539	276	721572	46.297	ng	99

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

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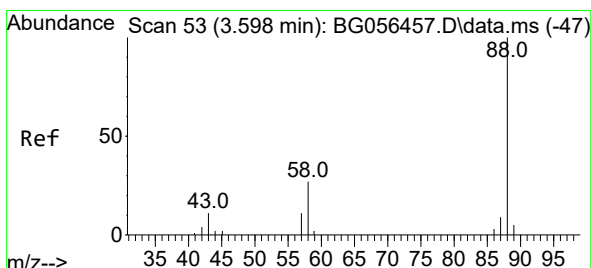
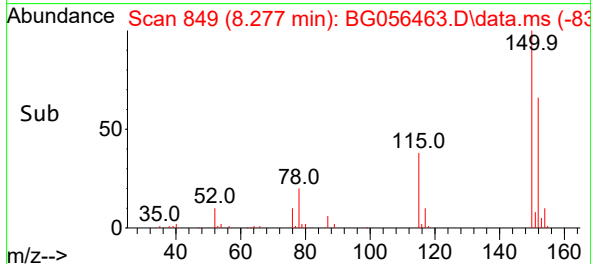
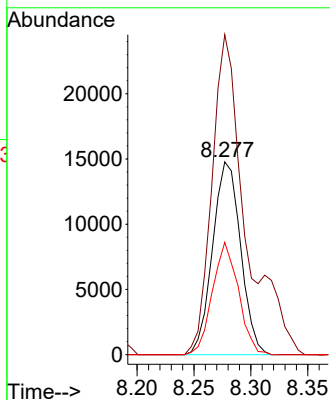
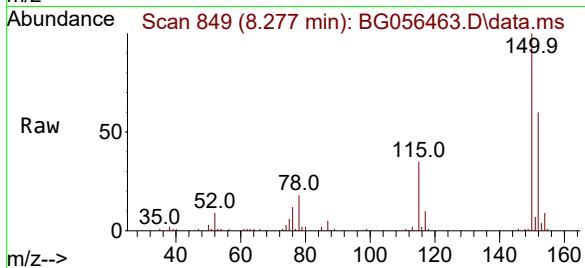




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

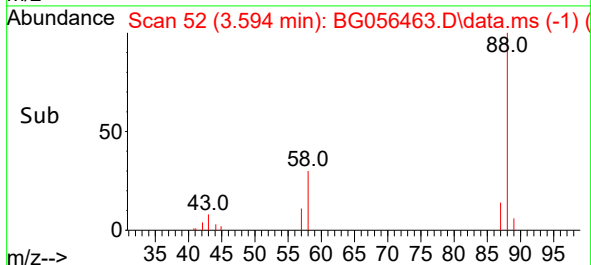
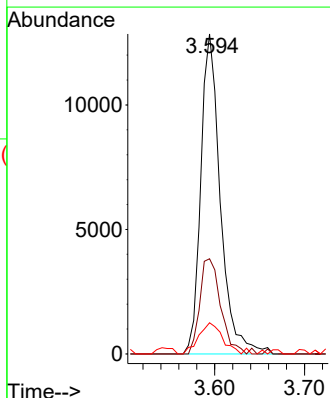
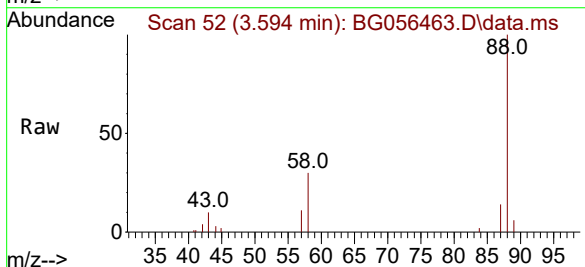
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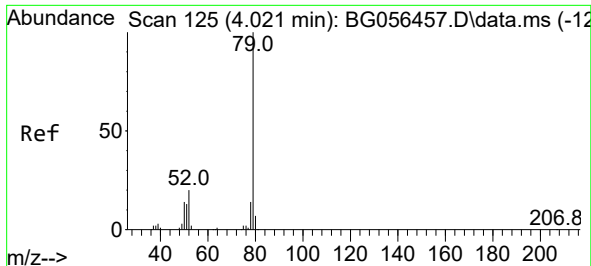
Tgt Ion:152 Resp: 25391
Ion Ratio Lower Upper
152 100
150 166.0 120.2 180.4
115 58.3 36.3 54.5#



#2
1,4-Dioxane
Concen: 33.821 ng
RT: 3.594 min Scan# 52
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 88 Resp: 19438
Ion Ratio Lower Upper
88 100
58 31.9 23.0 34.4
43 11.7 8.0 12.0

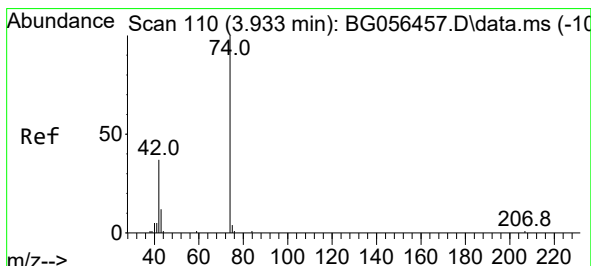
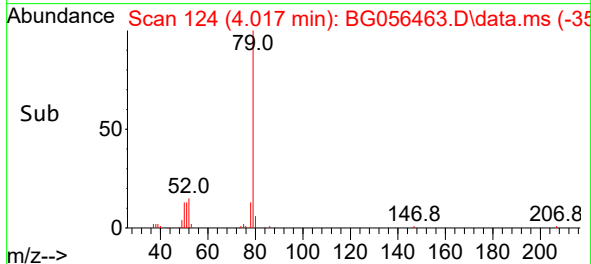
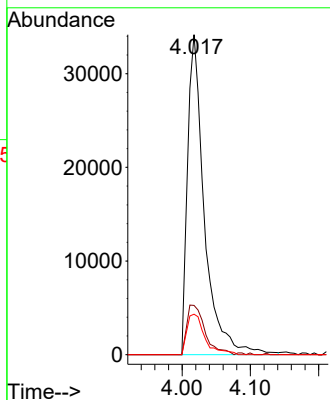
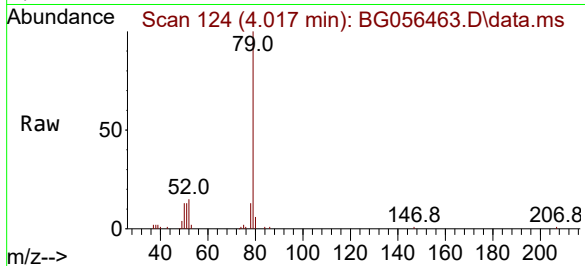




#3
Pyridine
Concen: 33.948 ng
RT: 4.017 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

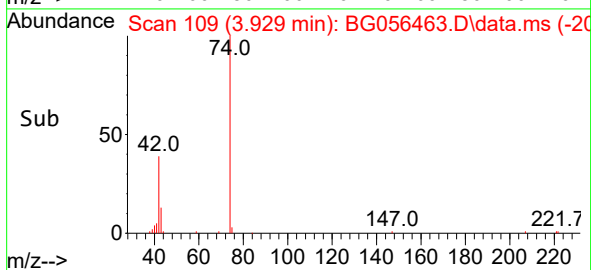
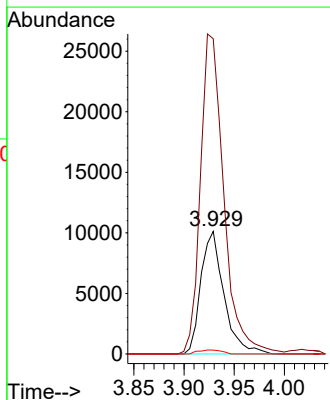
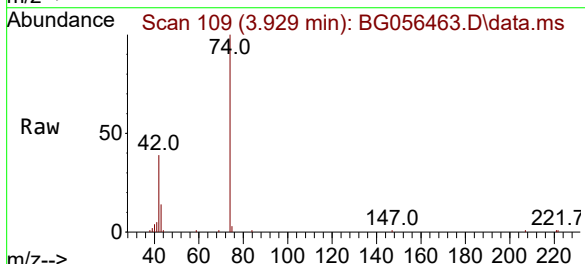
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ClientSampleId :
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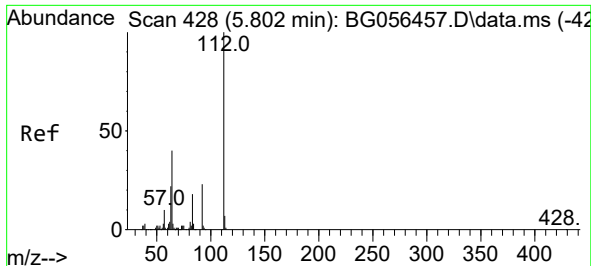
Tgt Ion: 79 Resp: 58161
Ion Ratio Lower Upper
79 100
52 15.4 16.1 24.1#
51 12.6 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 44.420 ng
RT: 3.929 min Scan# 109
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 42 Resp: 16184
Ion Ratio Lower Upper
42 100
74 257.0 217.9 326.9
44 3.1 3.0 4.6

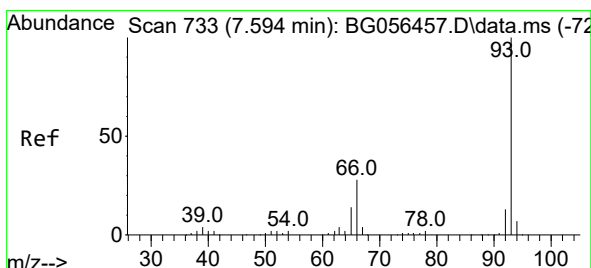
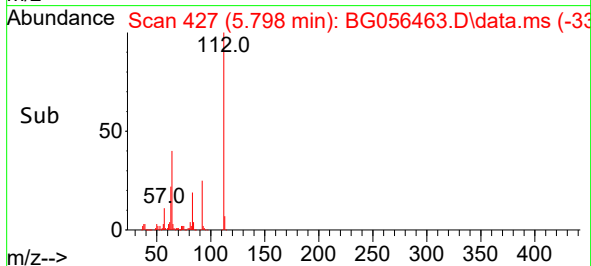
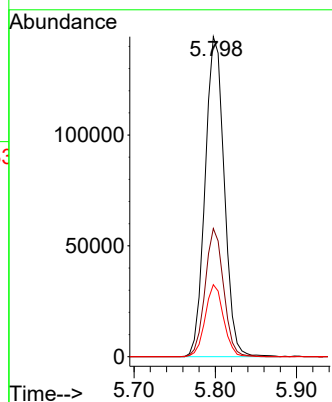
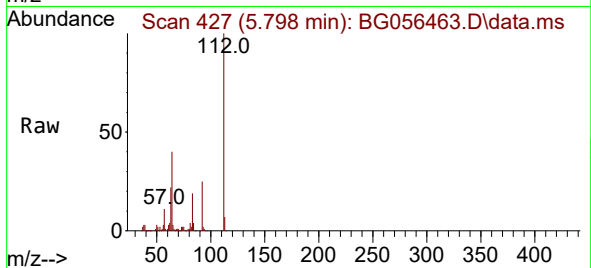




#5
2-Fluorophenol
Concen: 170.792 ng
RT: 5.798 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

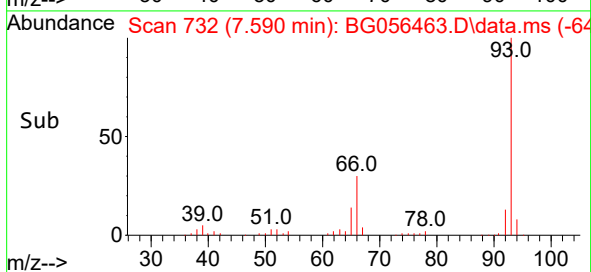
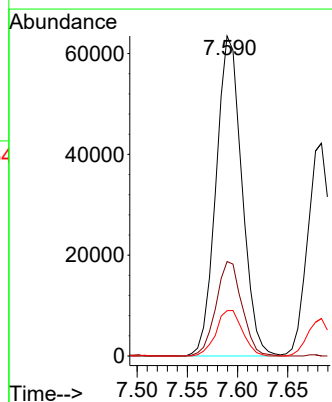
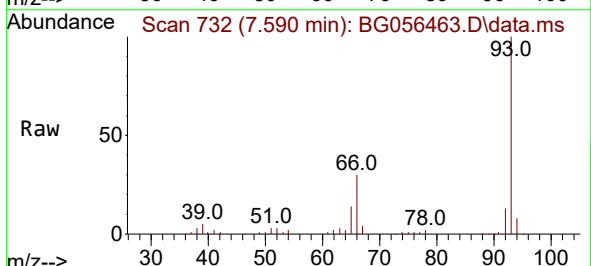
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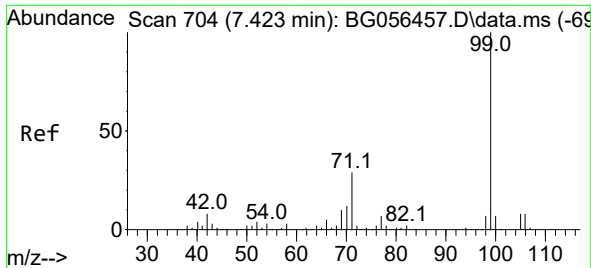
Tgt Ion:112 Resp: 235737
Ion Ratio Lower Upper
112 100
64 40.0 31.9 47.9
63 22.5 17.4 26.0



#6
Aniline
Concen: 42.416 ng
RT: 7.590 min Scan# 732
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 93 Resp: 113572
Ion Ratio Lower Upper
93 100
66 29.5 22.2 33.2
65 14.2 11.3 16.9

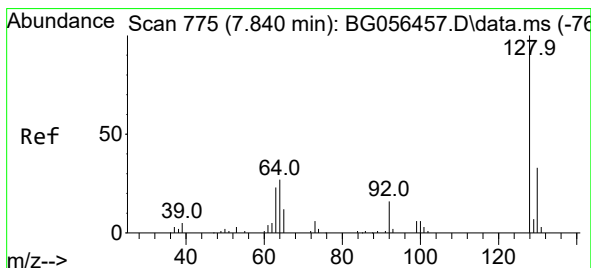
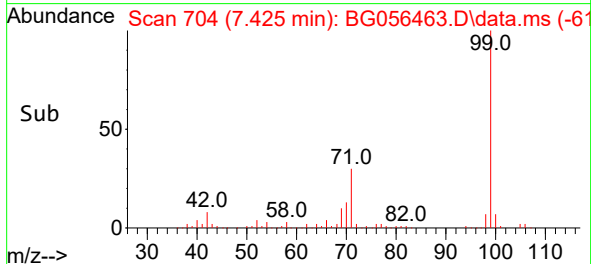
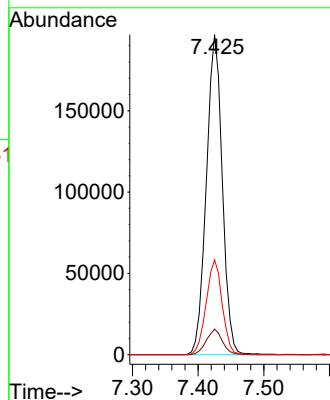
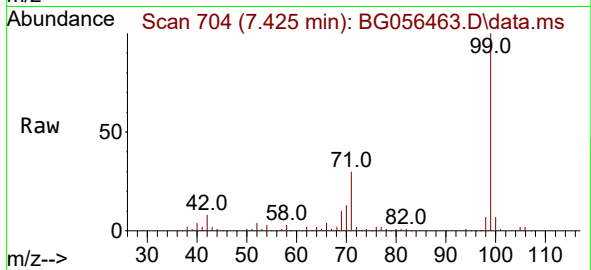




#7
Phenol-d6
Concen: 162.677 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

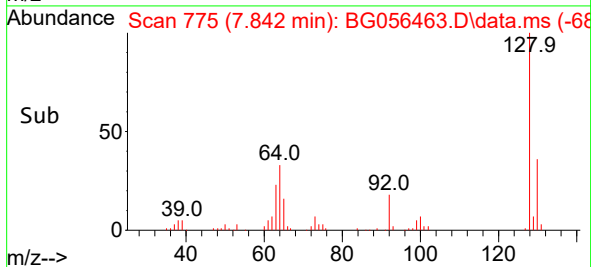
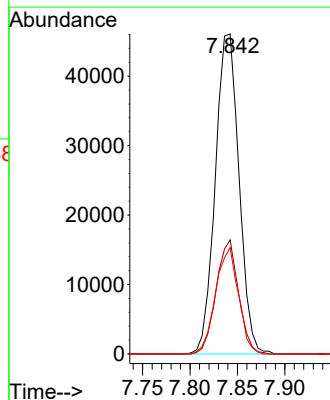
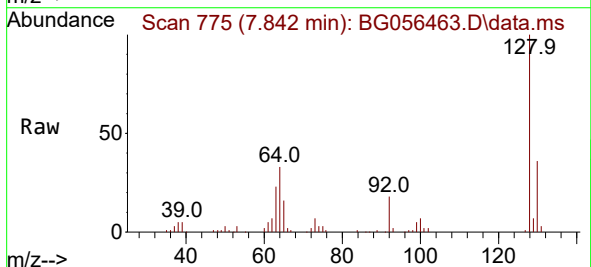
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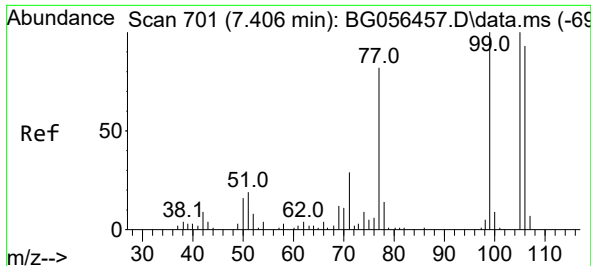
Tgt Ion: 99 Resp: 332689
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 29.6 23.4 35.0



#8
2-Chlorophenol
Concen: 52.955 ng
RT: 7.842 min Scan# 775
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 128 Resp: 80295
Ion Ratio Lower Upper
128 100
130 35.7 12.8 52.8
64 33.3 11.3 51.3

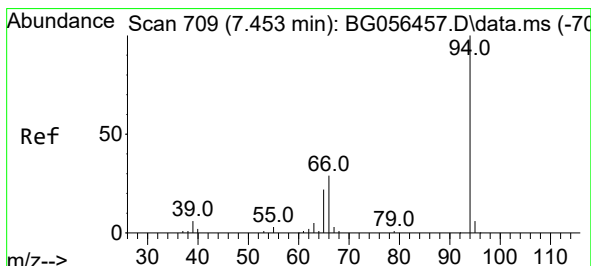
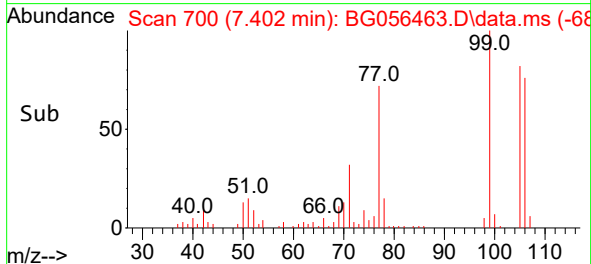
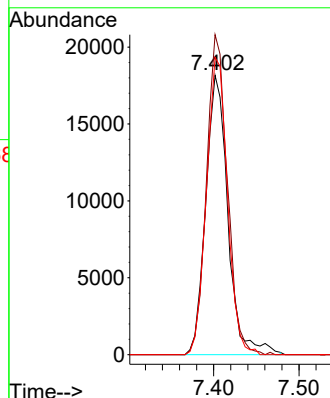
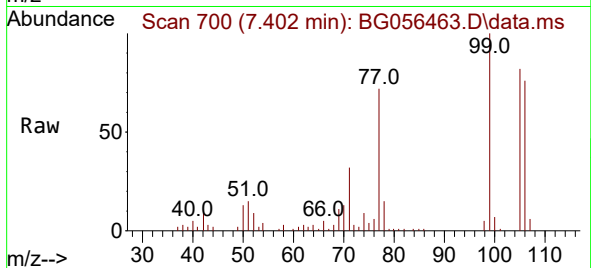




#9
Benzaldehyde
Concen: 33.246 ng
RT: 7.402 min Scan# 701
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

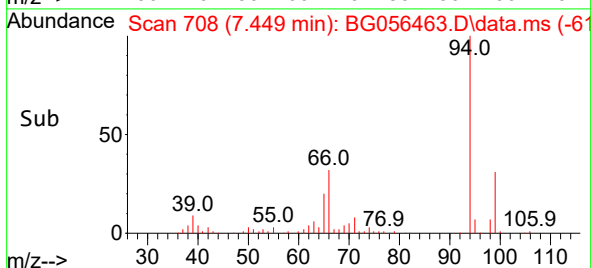
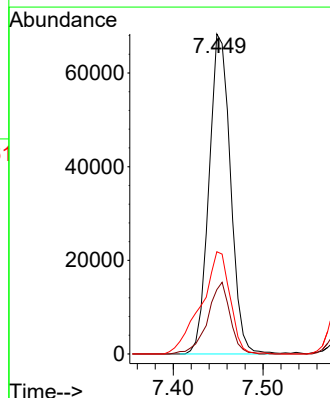
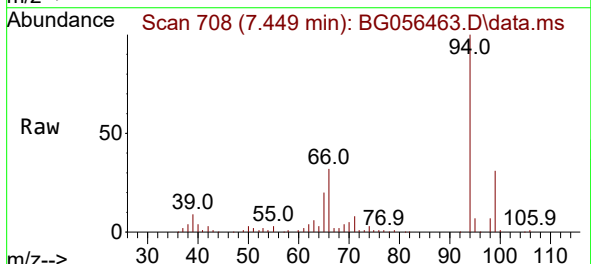
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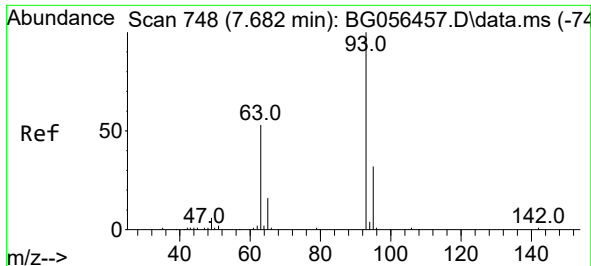
Tgt Ion: 77 Resp: 32719
Ion Ratio Lower Upper
77 100
105 114.5 101.8 141.8
106 106.4 93.0 133.0



#10
Phenol
Concen: 54.550 ng
RT: 7.449 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 94 Resp: 113387
Ion Ratio Lower Upper
94 100
65 20.1 2.3 42.3
66 31.9 11.2 51.2

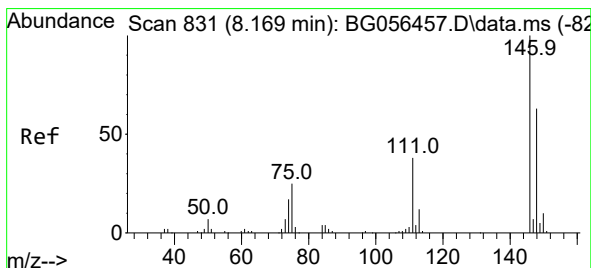
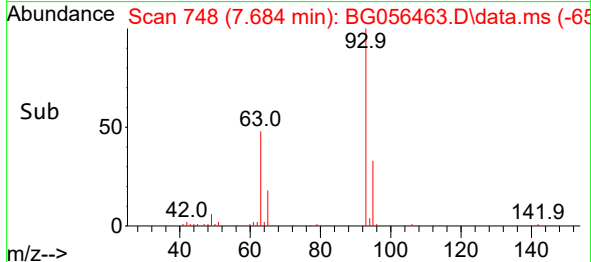
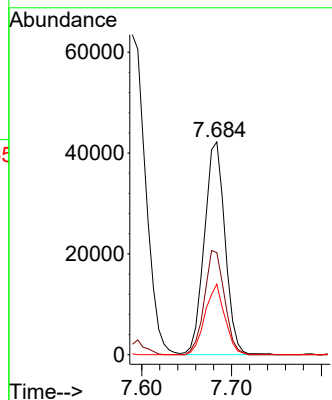
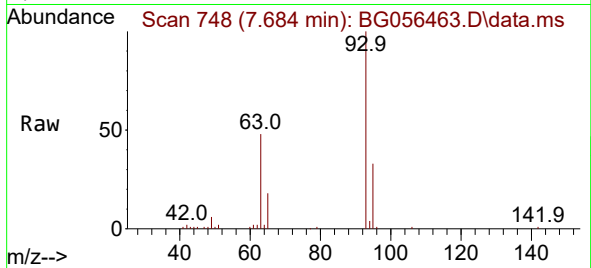




#11
bis(2-Chloroethyl)ether
Concen: 47.357 ng
RT: 7.684 min Scan# 74
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

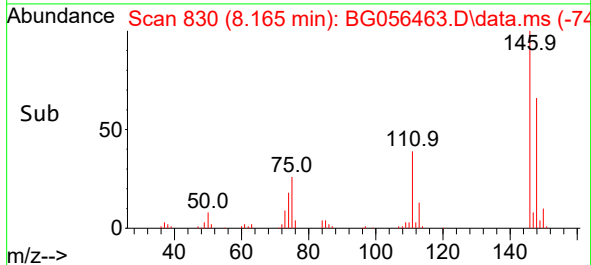
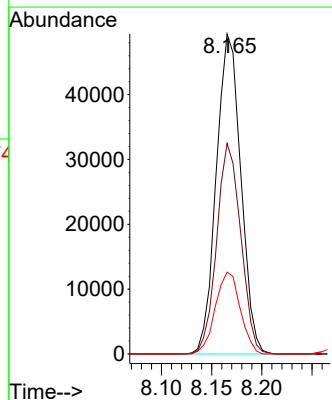
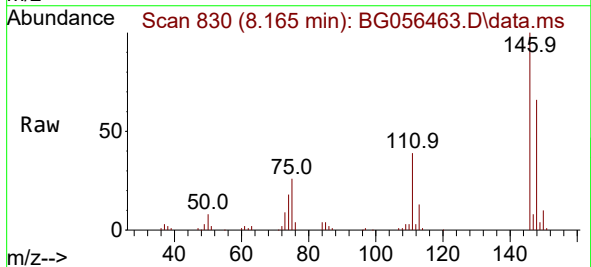
Instrument :
BNA_G
ClientSampleId :
PB150385BS

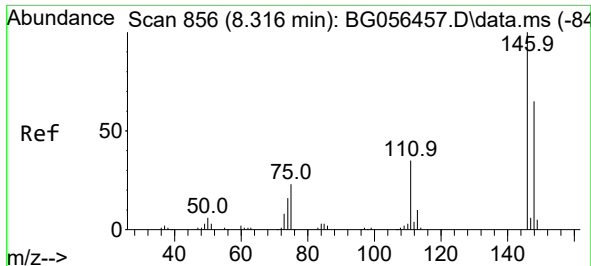
Tgt Ion: 93 Resp: 67659
Ion Ratio Lower Upper
93 100
63 48.0 32.4 72.4
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 48.015 ng
RT: 8.165 min Scan# 830
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 146 Resp: 83825
Ion Ratio Lower Upper
146 100
148 65.8 50.6 75.8
75 25.5 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.225 ng

RT: 8.312 min Scan# 855

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

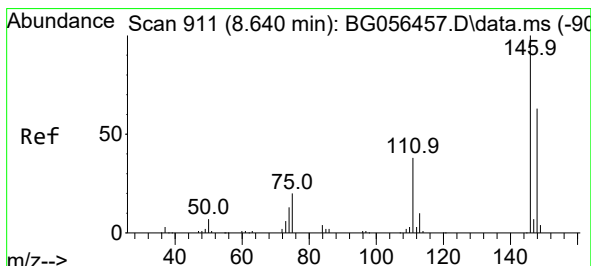
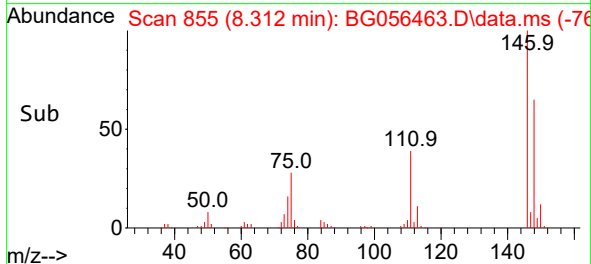
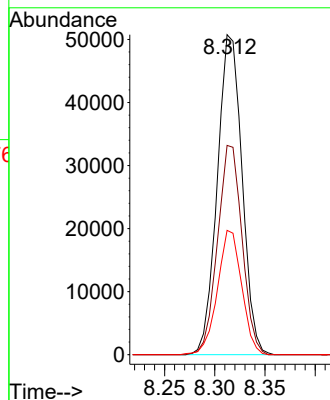
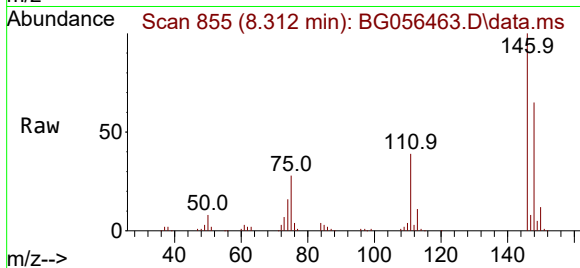
Tgt Ion:146 Resp: 87030

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

111 38.9 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 49.826 ng

RT: 8.641 min Scan# 911

Delta R.T. 0.002 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

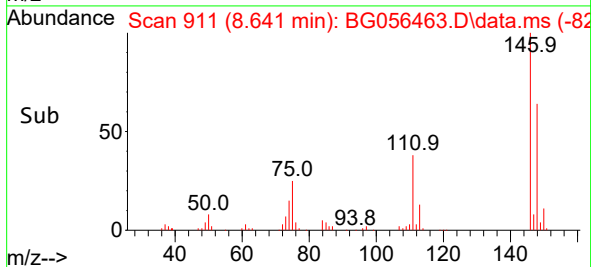
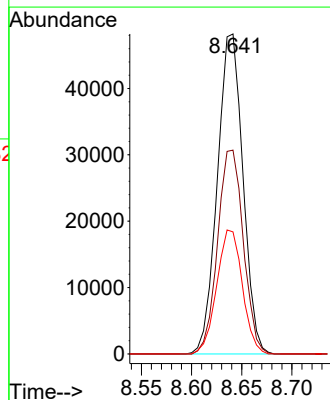
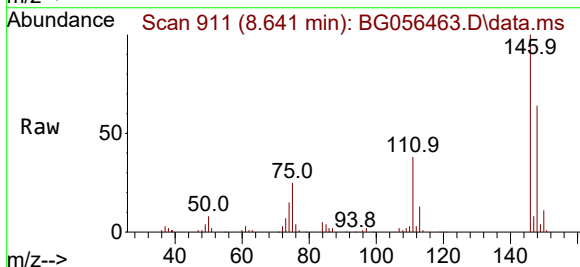
Tgt Ion:146 Resp: 85469

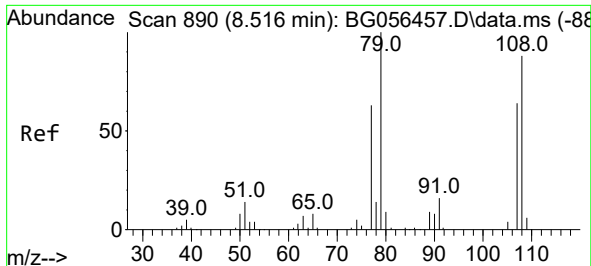
Ion Ratio Lower Upper

146 100

148 63.7 50.1 75.1

111 38.1 30.9 46.3

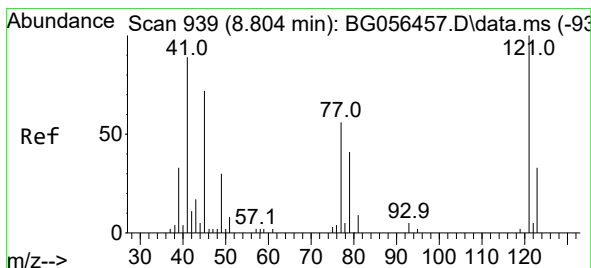
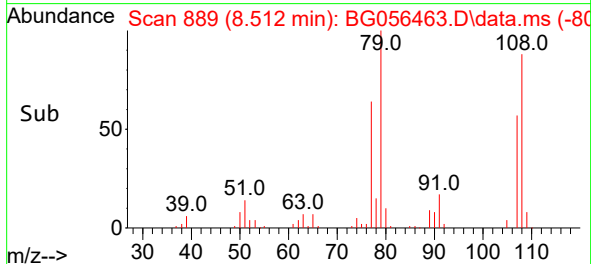
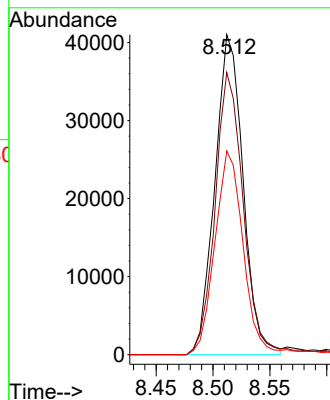
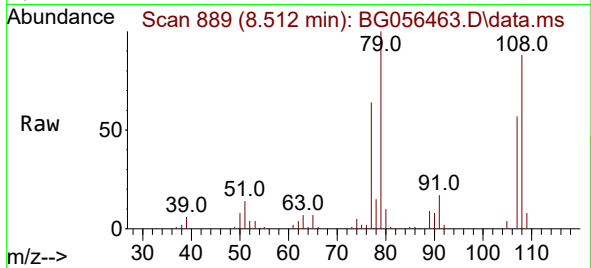




#15
Benzyl Alcohol
Concen: 50.318 ng
RT: 8.512 min Scan# 890
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

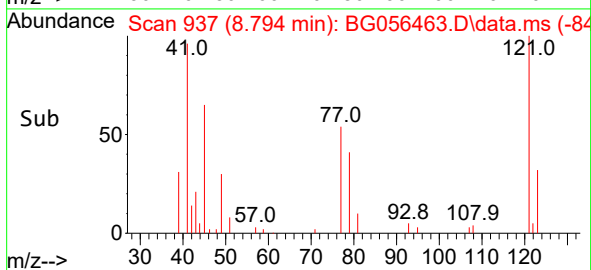
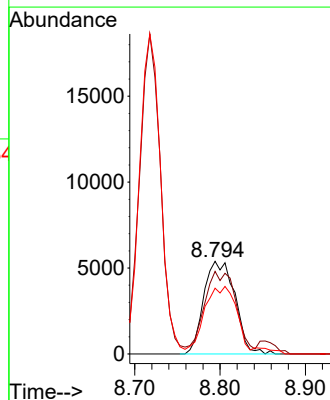
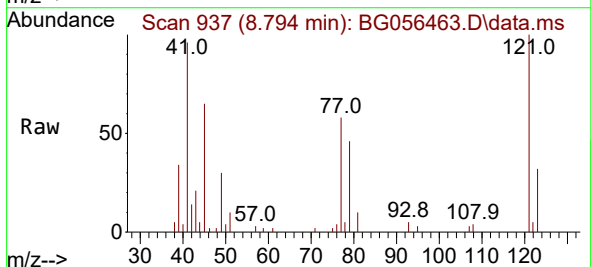
Instrument :
BNA_G
ClientSampleId :
PB150385BS

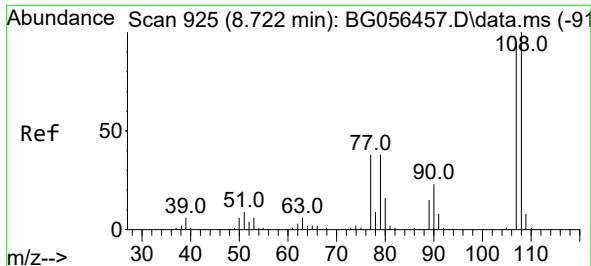
Tgt Ion: 79 Resp: 70603
Ion Ratio Lower Upper
79 100
108 88.2 70.1 105.1
77 63.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.220 ng
RT: 8.794 min Scan# 937
Delta R.T. -0.010 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 45 Resp: 13689
Ion Ratio Lower Upper
45 100
77 89.2 62.1 102.1
79 70.9 42.7 82.7

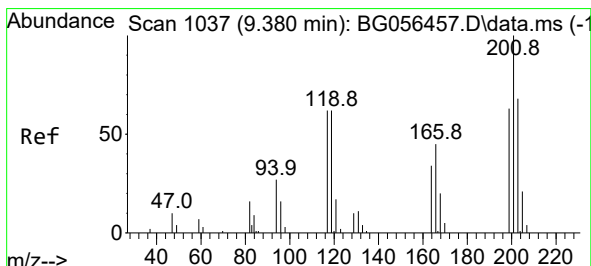
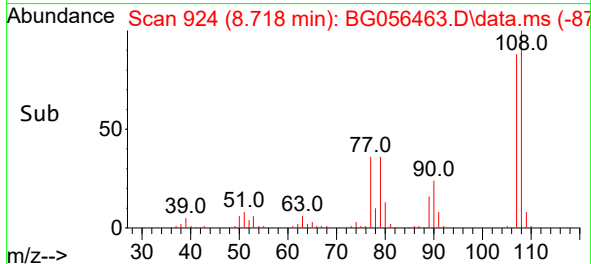
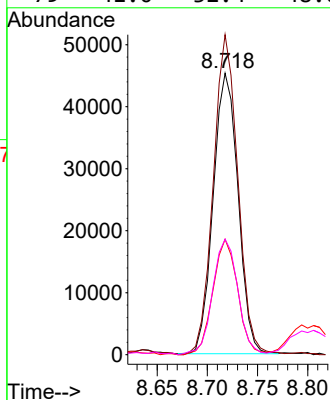
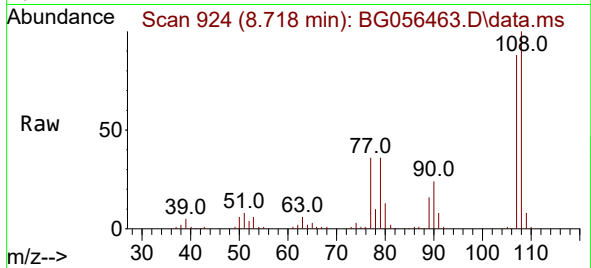




#17
2-Methylphenol
Concen: 49.195 ng
RT: 8.718 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

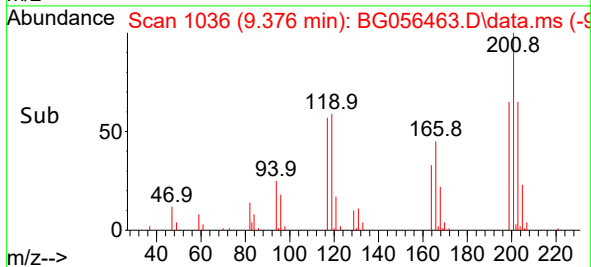
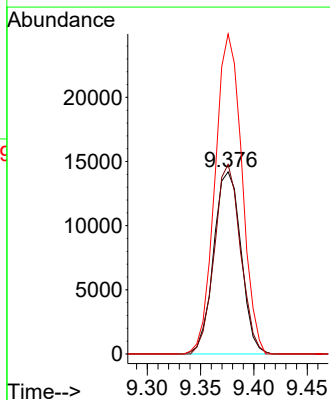
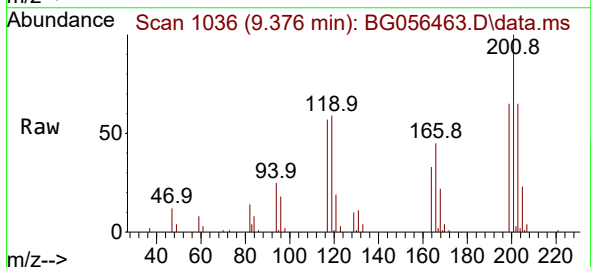
Instrument :
BNA_G
ClientSampleId :
PB150385BS

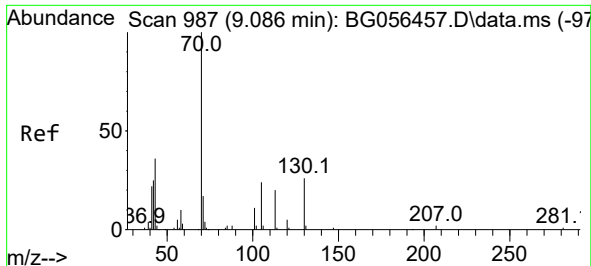
Tgt Ion:	107	Resp:	77793
Ion	Ratio	Lower	Upper
107	100		
108	113.7	83.9	125.9
77	41.0	31.6	47.4
79	41.0	32.4	48.6



#18
Hexachloroethane
Concen: 47.282 ng
RT: 9.376 min Scan# 1036
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:	117	Resp:	25284
Ion	Ratio	Lower	Upper
117	100		
119	104.2	79.4	119.0
201	175.8	128.5	192.7

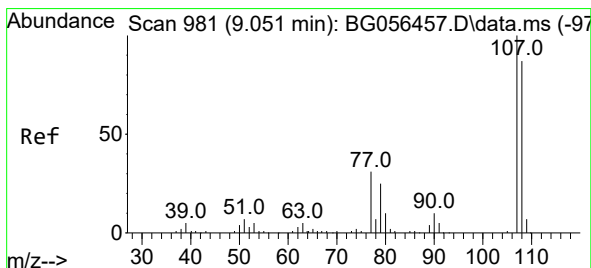
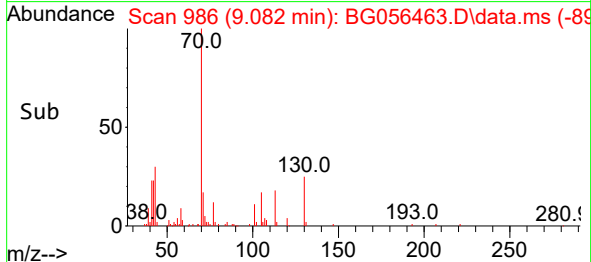
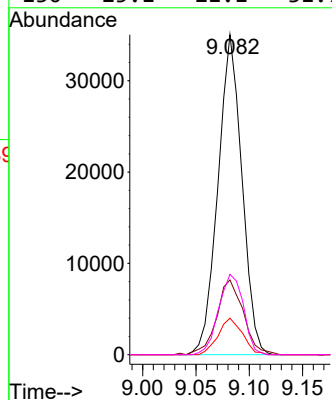
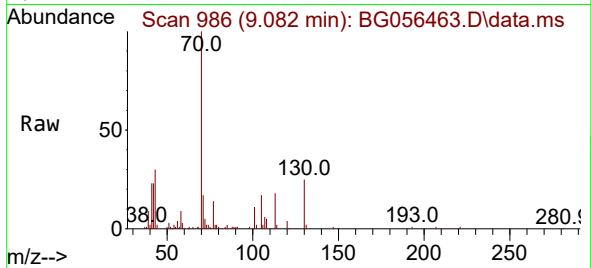




#19
n-Nitroso-di-n-propylamine
Concen: 46.386 ng
RT: 9.082 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

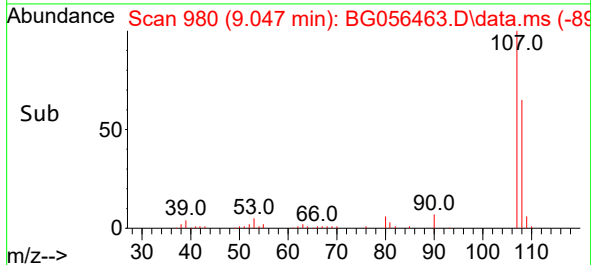
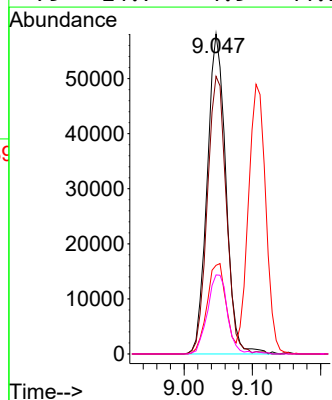
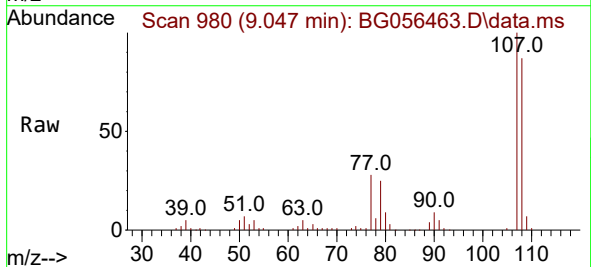
Instrument :
BNA_G
ClientSampleId :
PB150385BS

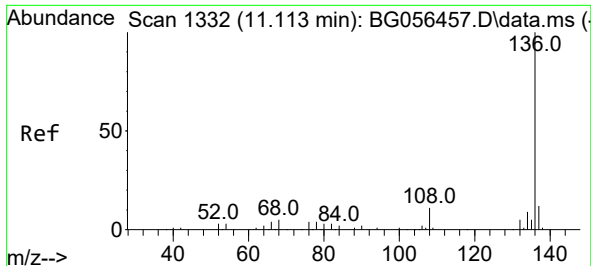
Tgt Ion: 70	Resp: 54669
Ion Ratio	Lower Upper
70 100	
42 23.3	20.2 30.4
101 11.4	9.1 13.7
130 25.1	21.1 31.7



#20
3+4-Methylphenols
Concen: 50.029 ng
RT: 9.047 min Scan# 980
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

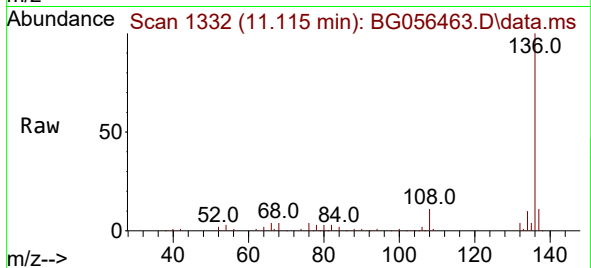
Tgt Ion: 107	Resp: 110869
Ion Ratio	Lower Upper
107 100	
108 86.7	66.7 106.7
77 27.7	10.6 50.6
79 24.7	4.9 44.9



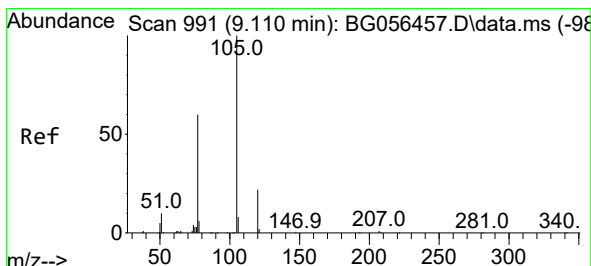
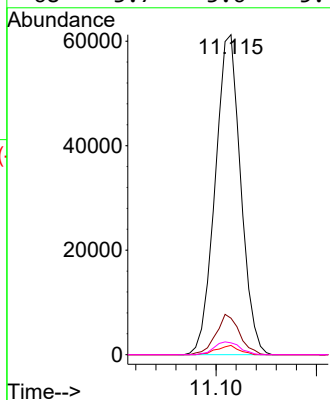
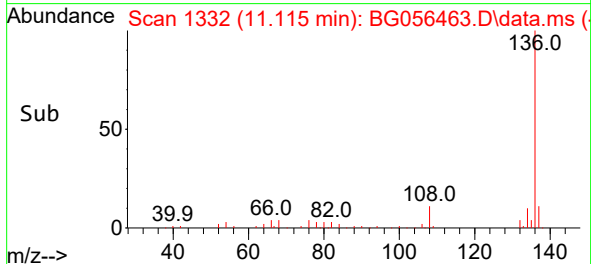


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.115 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

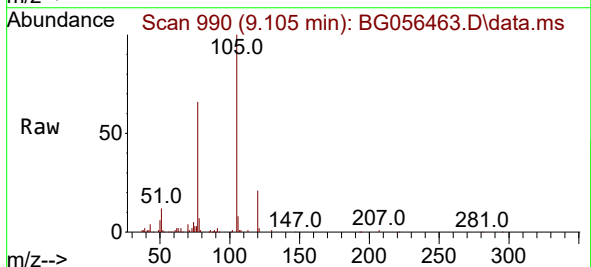
Instrument :
BNA_G
ClientSampleId :
PB150385BS



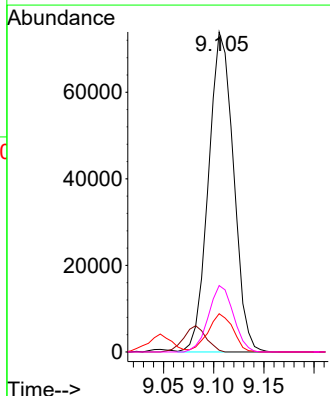
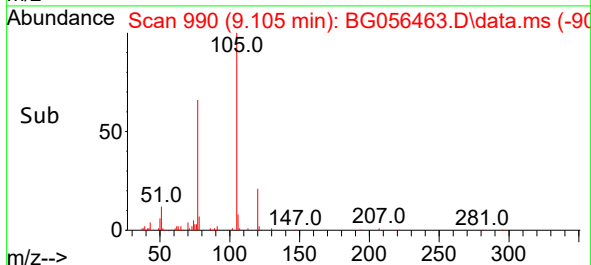
Tgt Ion:136 Resp: 107901
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.9 2.2 3.4
68 3.7 3.6 5.4

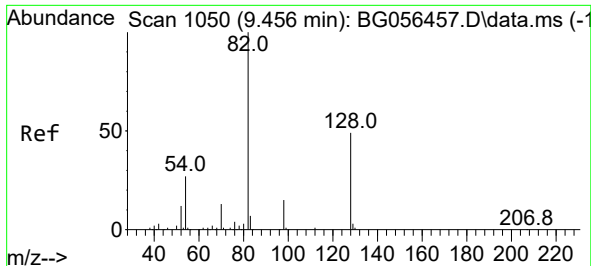


#22
Acetophenone
Concen: 44.753 ng
RT: 9.105 min Scan# 990
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32



Tgt Ion:105 Resp: 128304
Ion Ratio Lower Upper
105 100
71 0.6 0.6 0.8
51 12.0 9.2 13.8
120 20.8 17.4 26.0

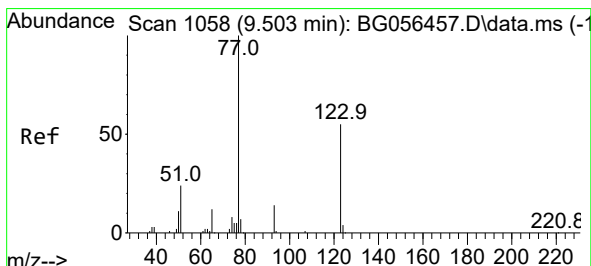
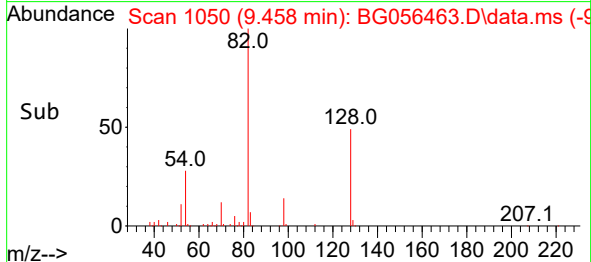
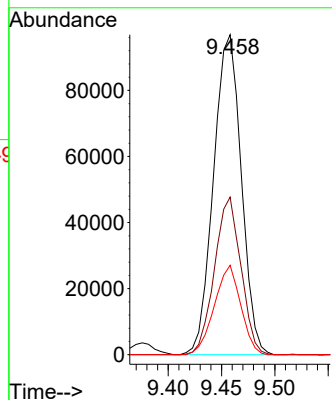
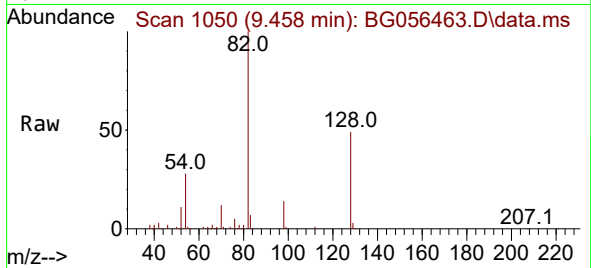




#23
Nitrobenzene-d5
Concen: 92.179 ng
RT: 9.458 min Scan# 1050
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

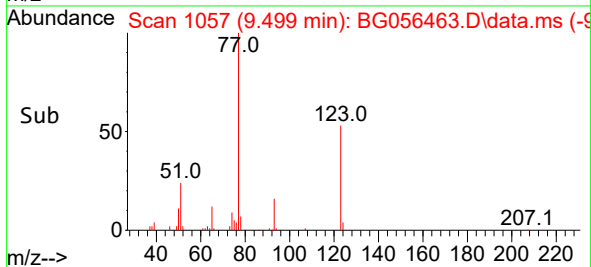
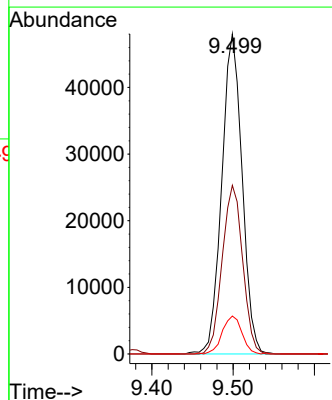
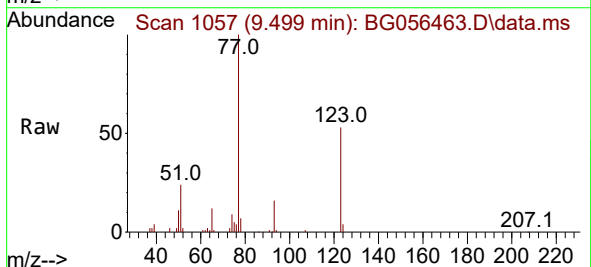
Instrument :
BNA_G
ClientSampleId :
PB150385BS

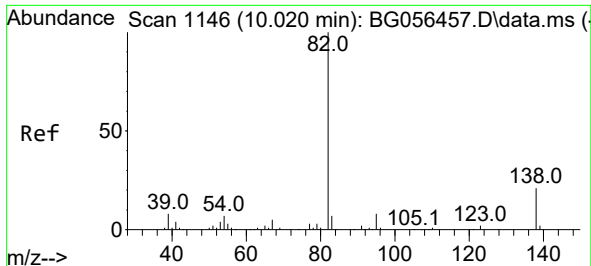
Tgt Ion: 82 Resp: 175155
Ion Ratio Lower Upper
82 100
128 49.2 39.4 59.2
54 27.9 21.4 32.2



#24
Nitrobenzene
Concen: 45.652 ng
RT: 9.499 min Scan# 1057
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 77 Resp: 83673
Ion Ratio Lower Upper
77 100
123 52.7 44.0 66.0
65 11.8 9.7 14.5

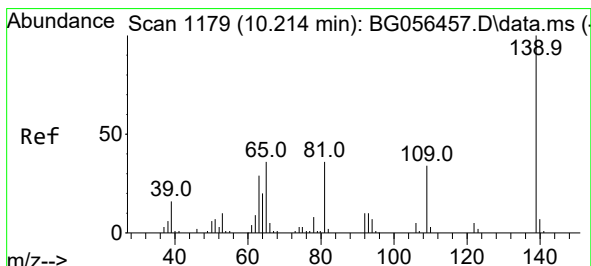
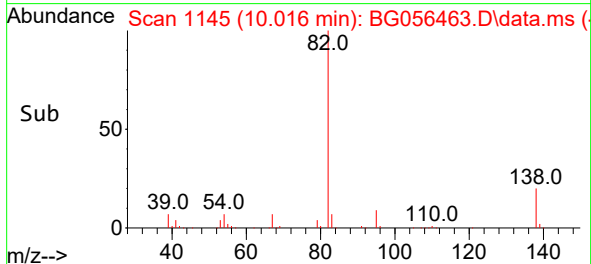
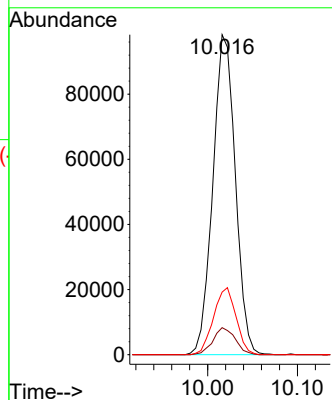
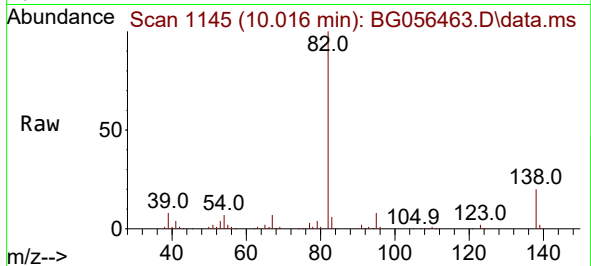




#25
Isophorone
Concen: 43.571 ng
RT: 10.016 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

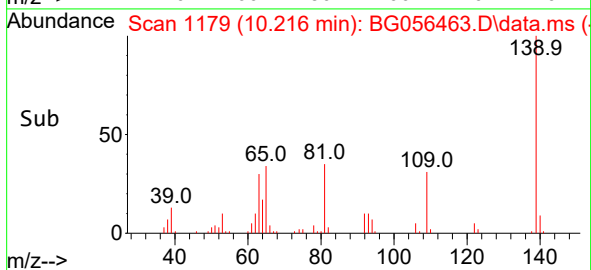
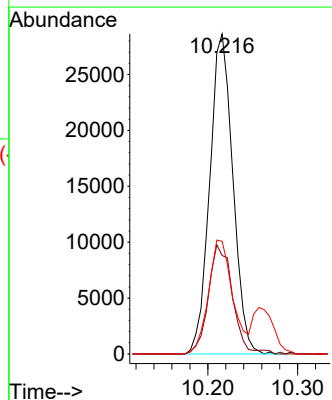
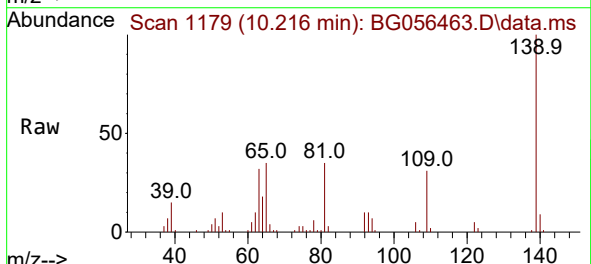
Instrument :
BNA_G
ClientSampleId :
PB150385BS

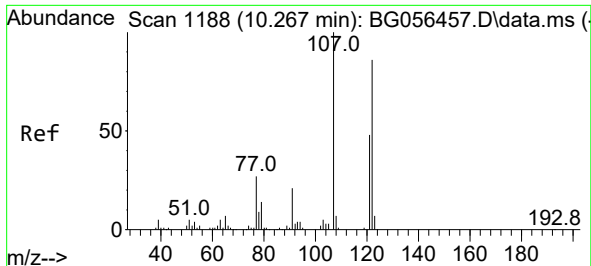
Tgt Ion: 82 Resp: 170801
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 19.6 16.6 25.0



#26
2-Nitrophenol
Concen: 46.069 ng
RT: 10.216 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:139 Resp: 51231
Ion Ratio Lower Upper
139 100
109 30.7 26.9 40.3
65 35.2 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 49.093 ng

RT: 10.263 min Scan# 1187

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

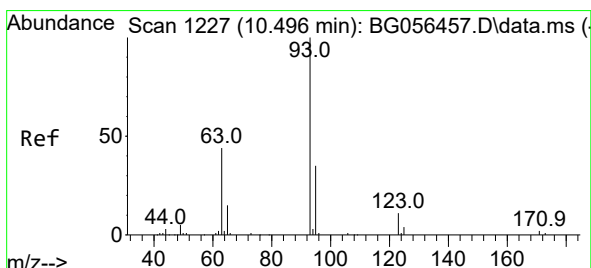
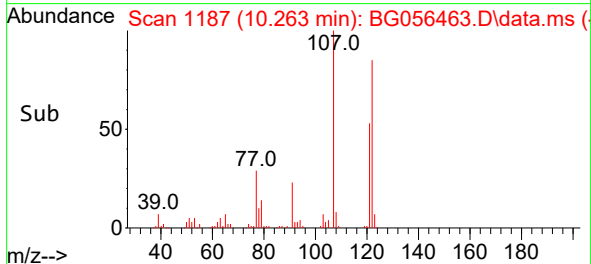
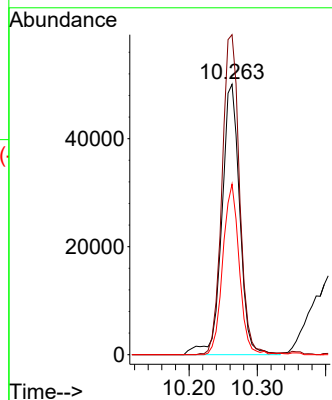
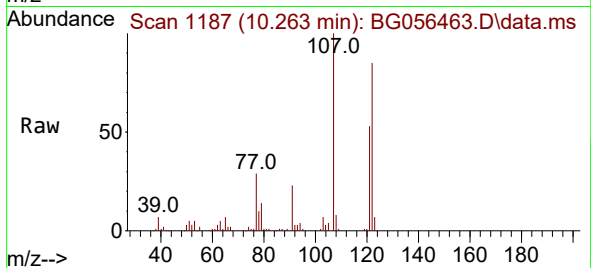
Tgt Ion:122 Resp: 91366

Ion Ratio Lower Upper

122 100

107 118.3 92.9 139.3

121 63.1 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.100 ng

RT: 10.492 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

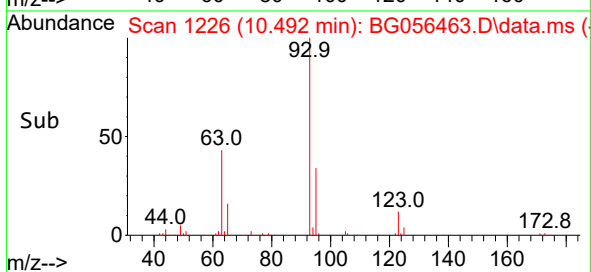
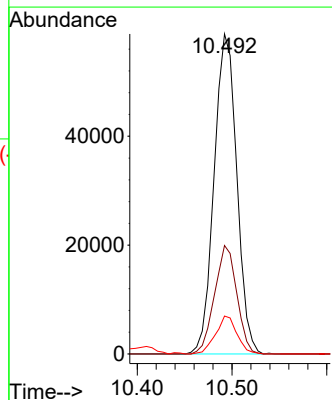
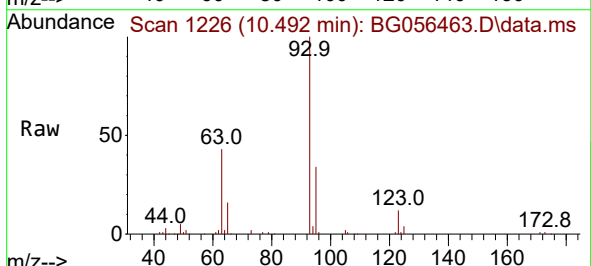
Tgt Ion: 93 Resp: 97669

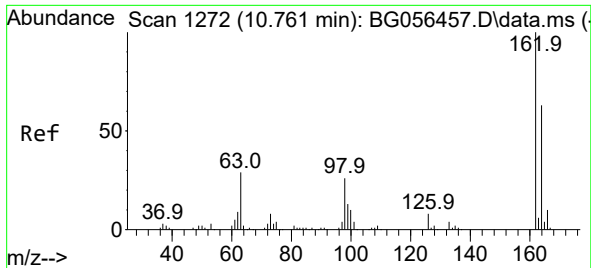
Ion Ratio Lower Upper

93 100

95 33.9 27.9 41.9

123 11.9 8.6 12.8

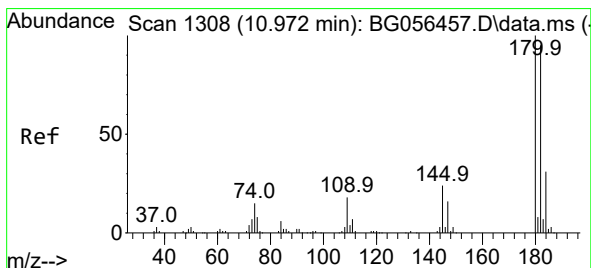
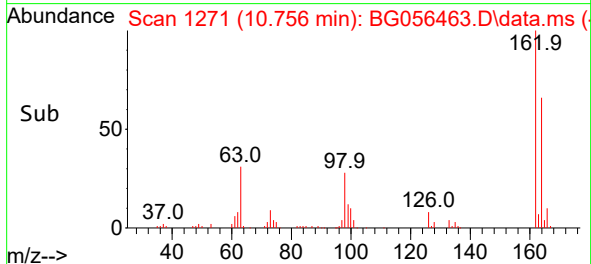
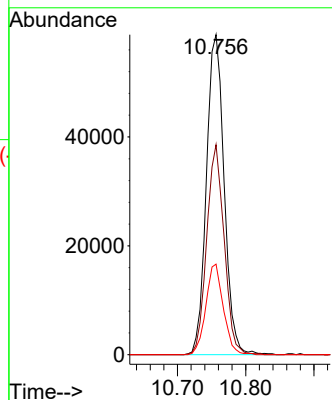
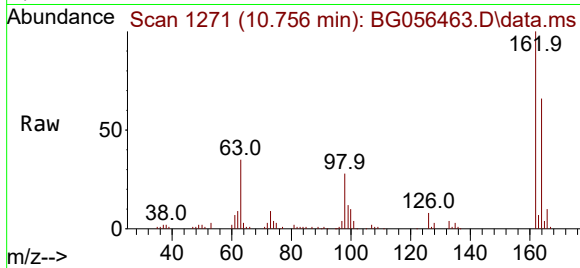




#29
2,4-Dichlorophenol
Concen: 50.828 ng
RT: 10.756 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

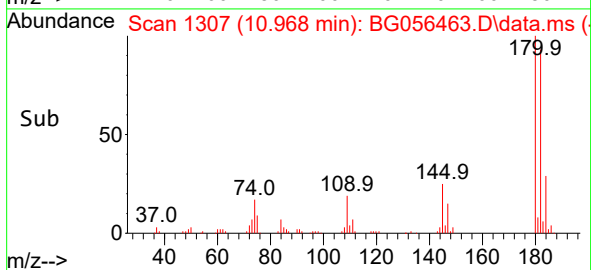
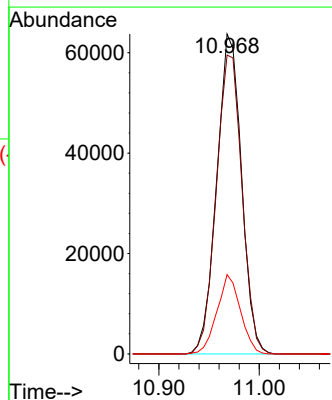
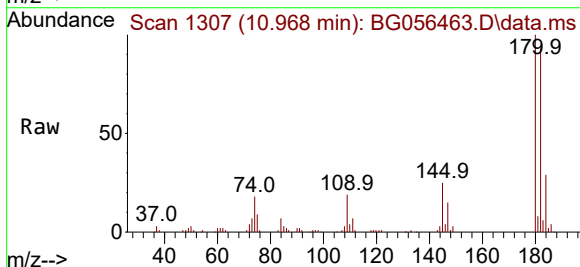
Instrument :
BNA_G
ClientSampleId :
PB150385BS

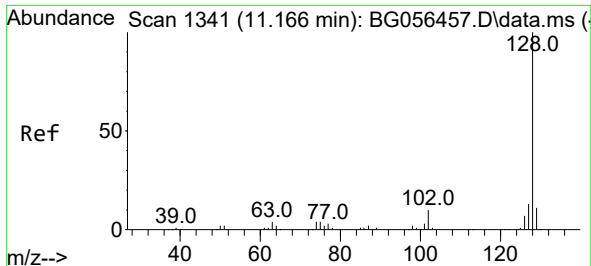
Tgt Ion:162 Resp: 106479
Ion Ratio Lower Upper
162 100
164 65.6 42.8 82.8
98 28.3 6.5 46.5



#30
1,2,4-Trichlorobenzene
Concen: 46.866 ng
RT: 10.968 min Scan# 1307
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:180 Resp: 109102
Ion Ratio Lower Upper
180 100
182 93.4 75.9 113.9
145 24.8 19.4 29.0

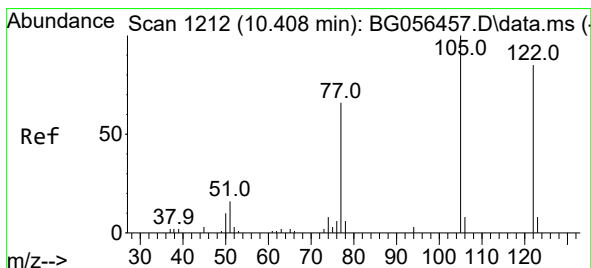
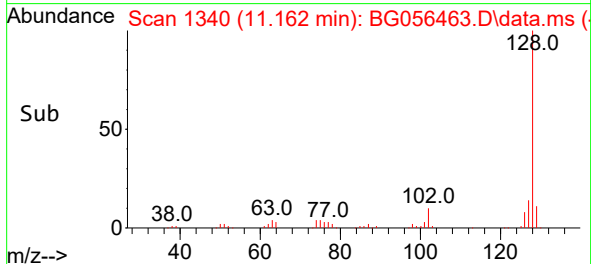
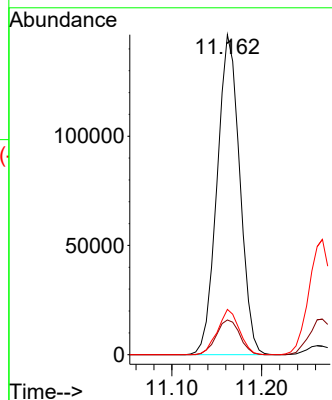
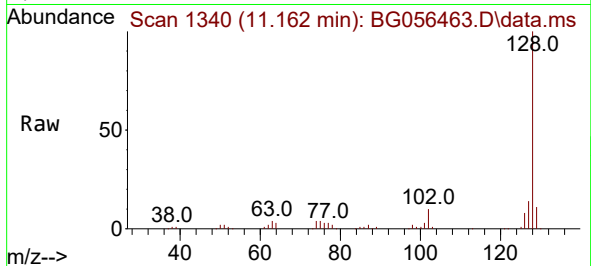




#31
Naphthalene
Concen: 45.059 ng
RT: 11.162 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

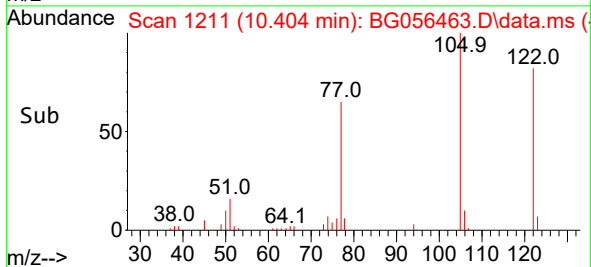
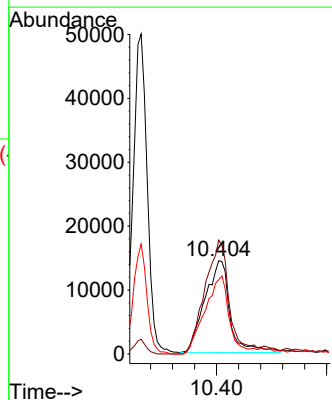
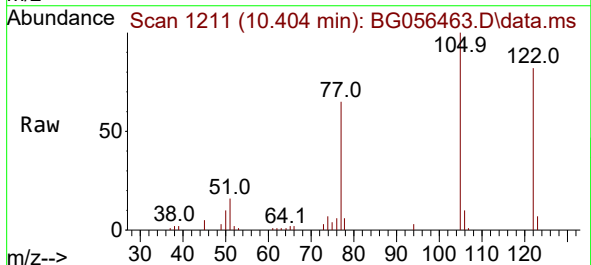
Instrument :
BNA_G
ClientSampleId :
PB150385BS

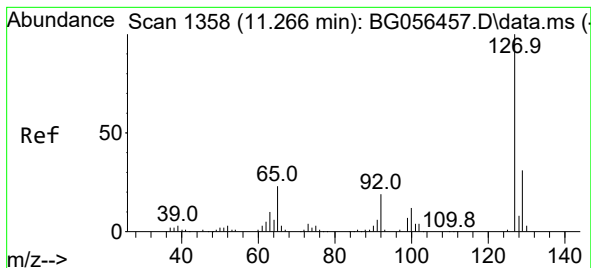
Tgt Ion:128 Resp: 256613
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 14.1 10.4 15.6



#32
Benzoic acid
Concen: 43.875 ng
RT: 10.404 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:122 Resp: 45684
Ion Ratio Lower Upper
122 100
105 121.9 96.5 136.5
77 79.6 57.3 97.3

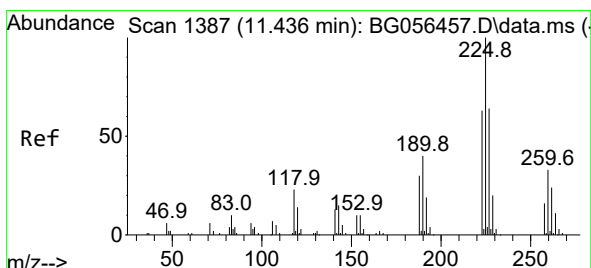
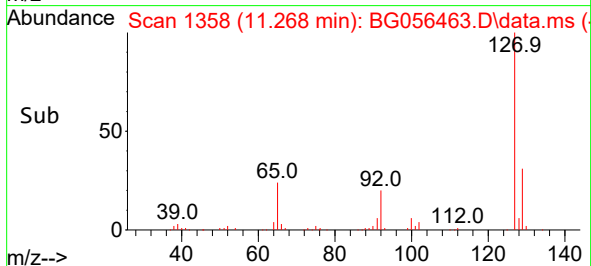
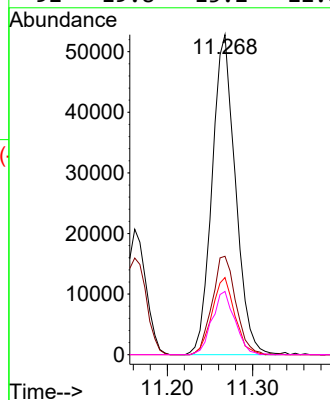
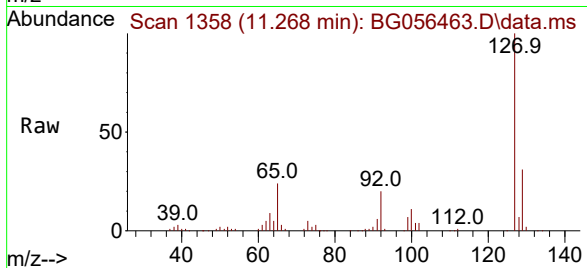




#33
4-Chloroaniline
Concen: 37.780 ng
RT: 11.268 min Scan# 1358
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

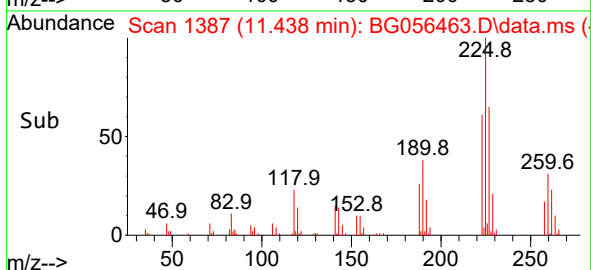
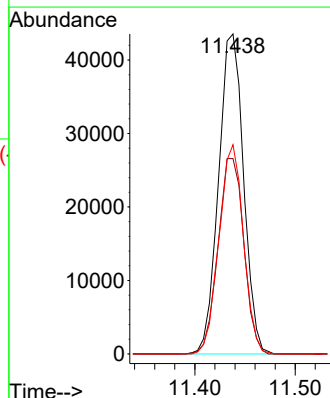
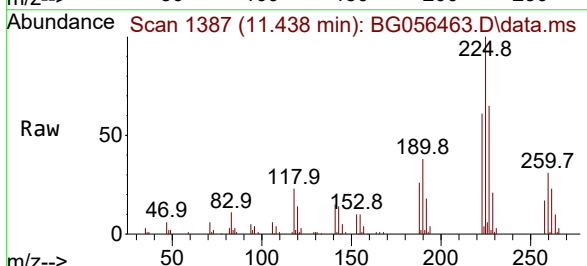
Instrument :
BNA_G
ClientSampleId :
PB150385BS

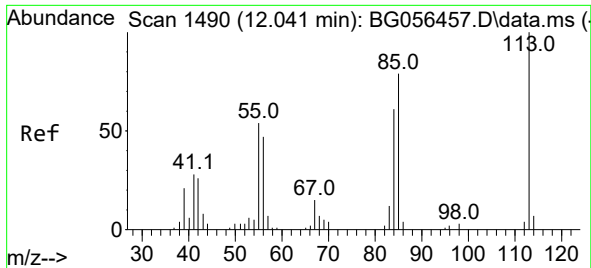
Tgt Ion:	127	Resp:	100433
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.0	37.6
65	24.1	18.5	27.7
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 46.119 ng
RT: 11.438 min Scan# 1387
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:	225	Resp:	75361
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	75.8
227	65.4	53.7	80.5

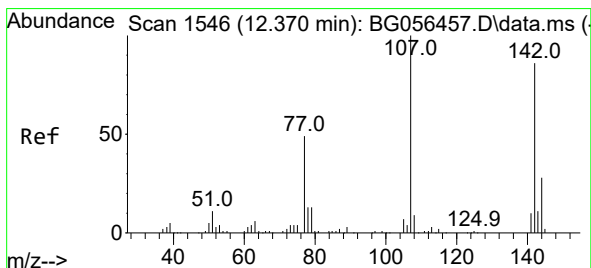
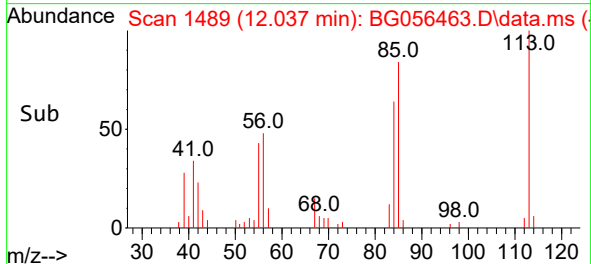
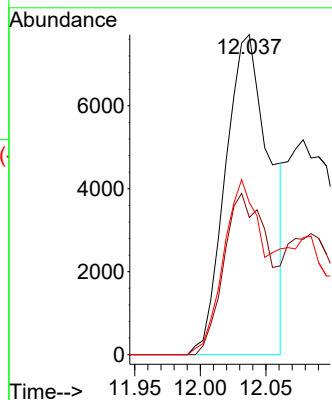
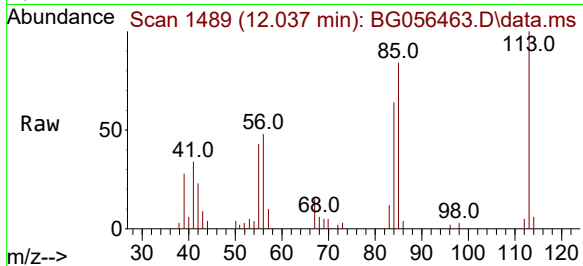




#35
Caprolactam
Concen: 25.650 ng
RT: 12.037 min Scan# 1490
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

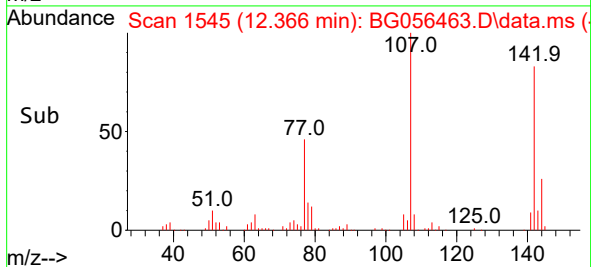
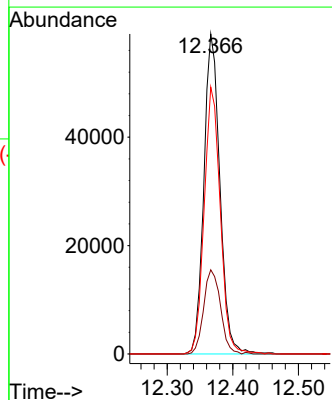
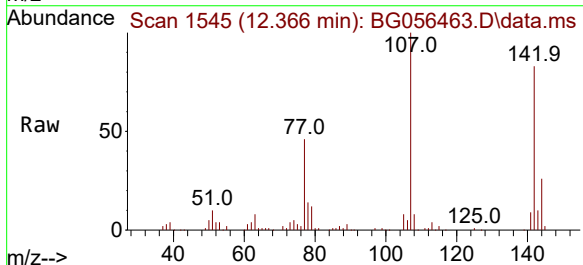
Instrument :
BNA_G
ClientSampleId :
PB150385BS

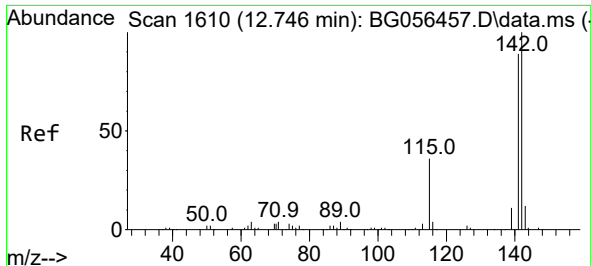
Tgt Ion:113 Resp: 18122
Ion Ratio Lower Upper
113 100
55 42.9 33.7 73.7
56 47.6 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 49.681 ng
RT: 12.366 min Scan# 1545
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:107 Resp: 100509
Ion Ratio Lower Upper
107 100
144 26.3 22.3 33.5
142 83.4 68.9 103.3

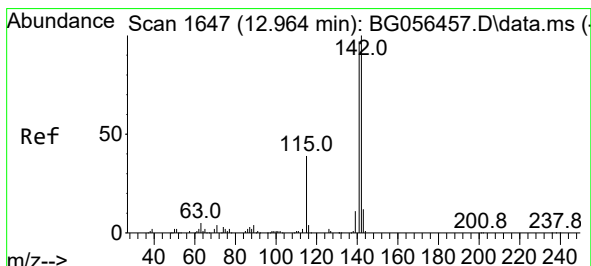
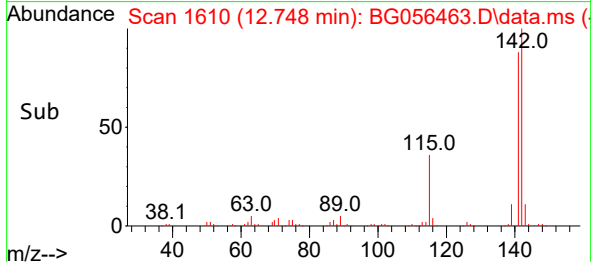
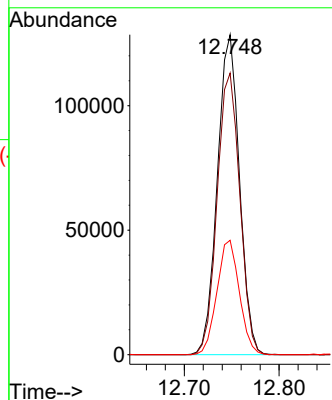
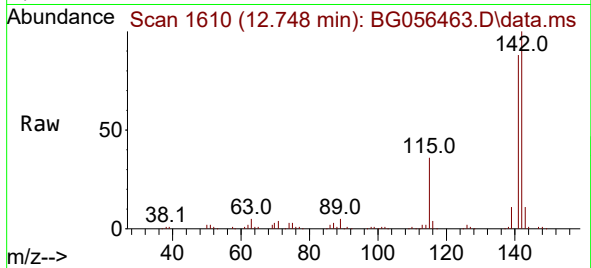




#37
2-Methylnaphthalene
Concen: 44.429 ng
RT: 12.748 min Scan# 1610
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

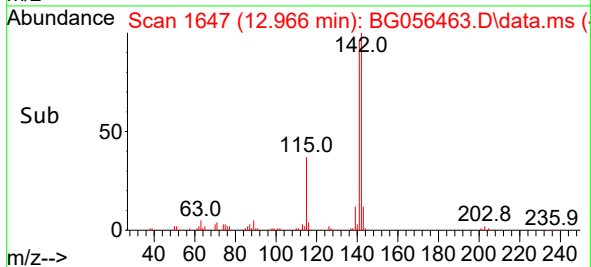
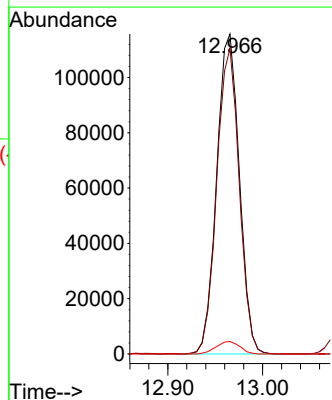
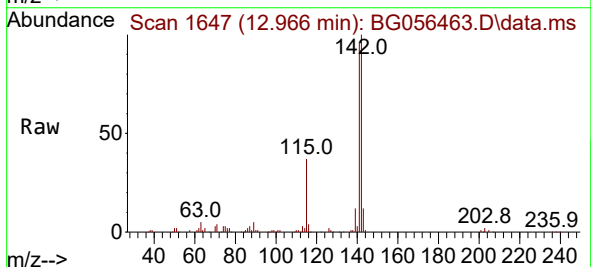
Instrument :
BNA_G
ClientSampleId :
PB150385BS

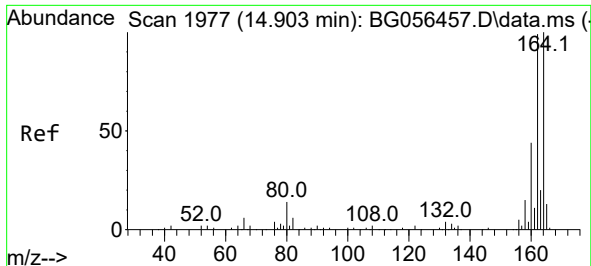
Tgt Ion:142 Resp: 208599
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0
115 35.7 28.4 42.6



#38
1-Methylnaphthalene
Concen: 43.875 ng
RT: 12.966 min Scan# 1647
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:142 Resp: 192389
Ion Ratio Lower Upper
142 100
141 95.5 77.7 116.5
116 3.9 3.4 5.2

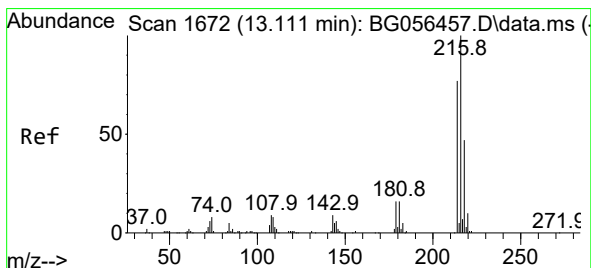
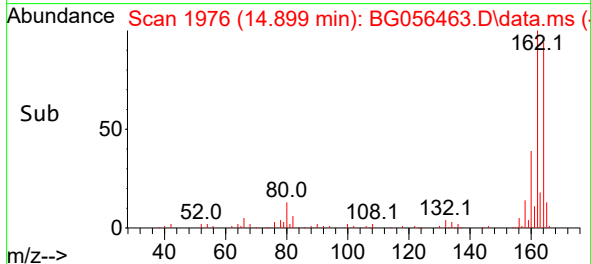
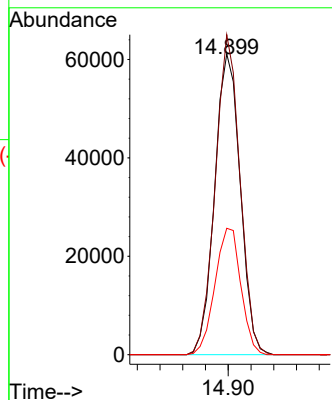
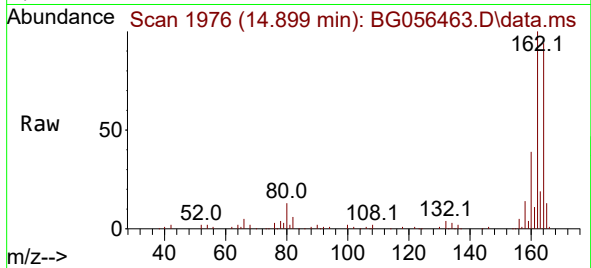




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.899 min Scan# 1976
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

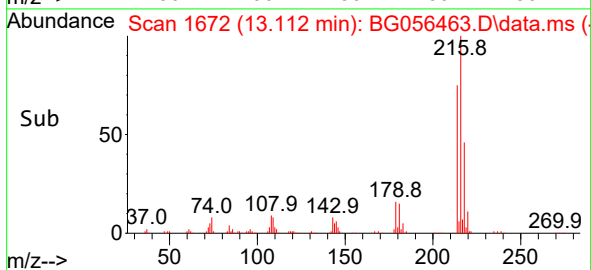
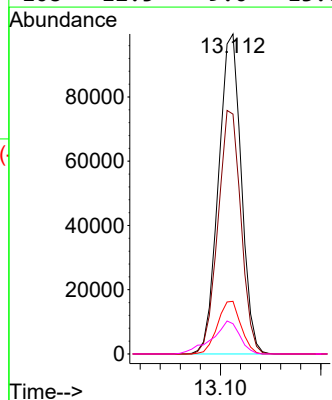
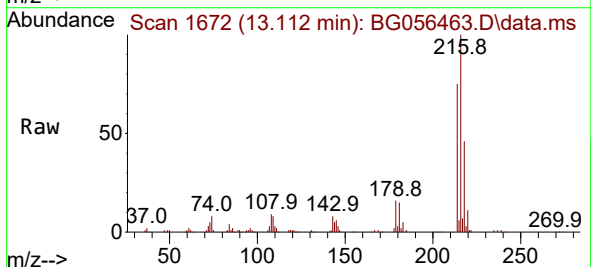
Instrument :
BNA_G
ClientSampleId :
PB150385BS

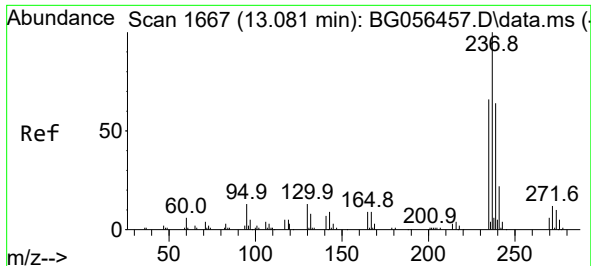
Tgt Ion:164 Resp: 95479
Ion Ratio Lower Upper
164 100
162 106.4 79.6 119.4
160 42.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.926 ng
RT: 13.112 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:216 Resp: 156711
Ion Ratio Lower Upper
216 100
214 76.5 63.0 94.6
179 16.8 14.1 21.1
108 12.5 9.0 13.6

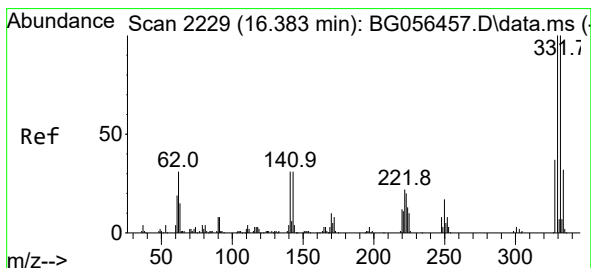
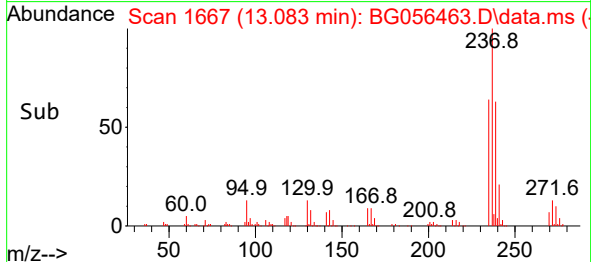
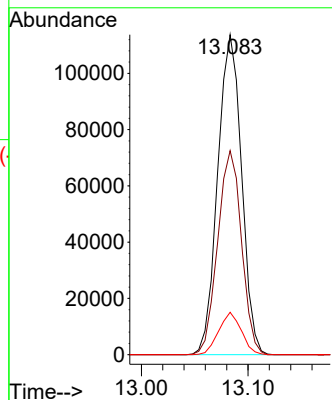
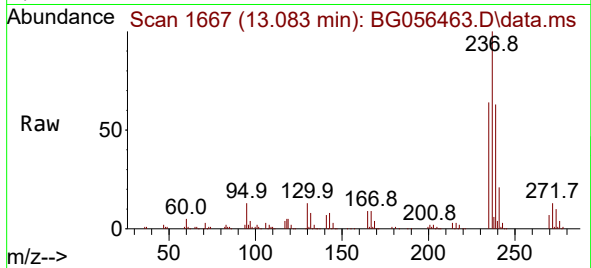




#41
Hexachlorocyclopentadiene
Concen: 94.265 ng
RT: 13.083 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

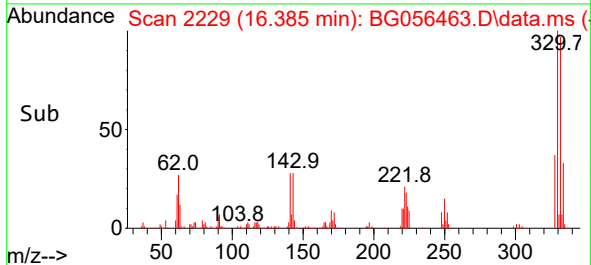
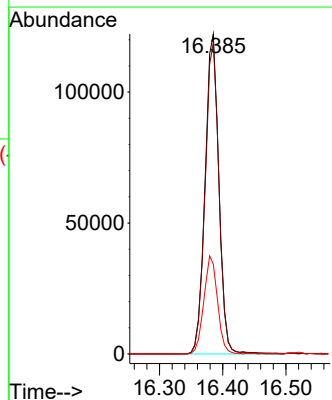
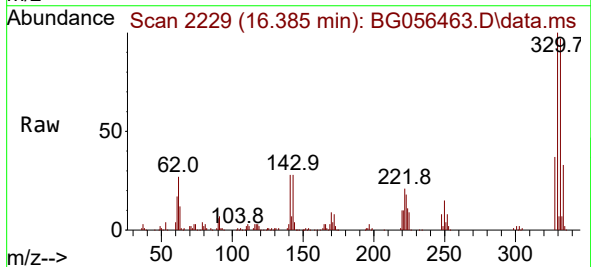
Instrument :
BNA_G
ClientSampleId :
PB150385BS

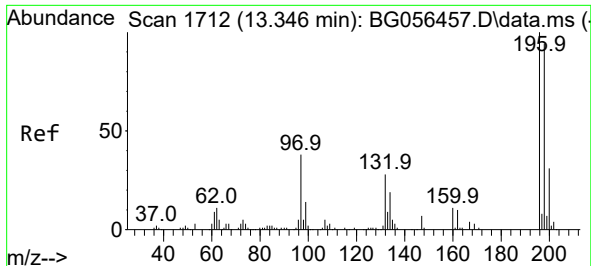
Tgt Ion:237 Resp: 176587
Ion Ratio Lower Upper
237 100
235 63.8 45.6 85.6
272 13.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 145.968 ng
RT: 16.385 min Scan# 2229
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:330 Resp: 185283
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.6
141 30.2 24.2 36.4

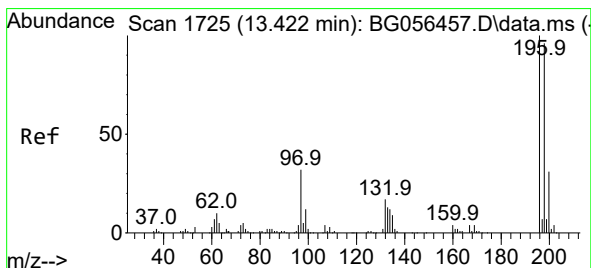
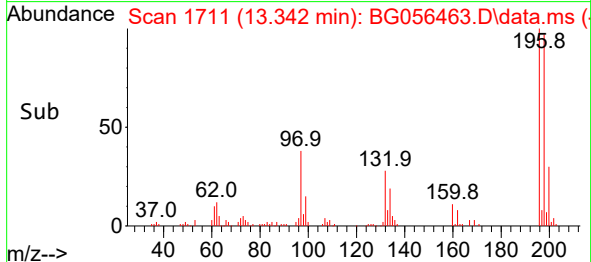
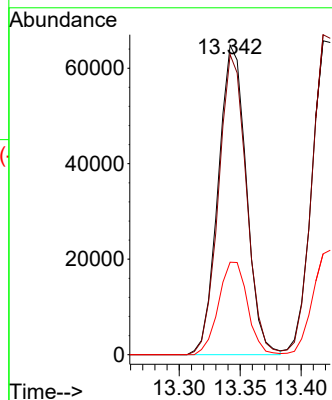
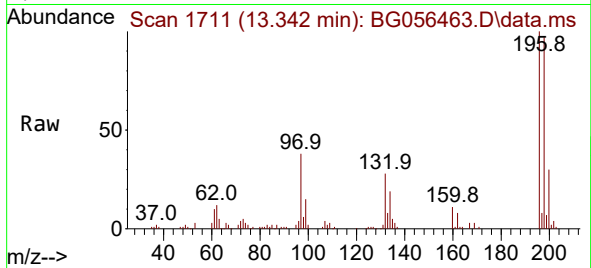




#43
2,4,6-Trichlorophenol
Concen: 46.350 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

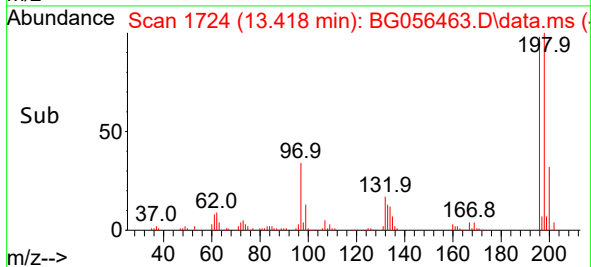
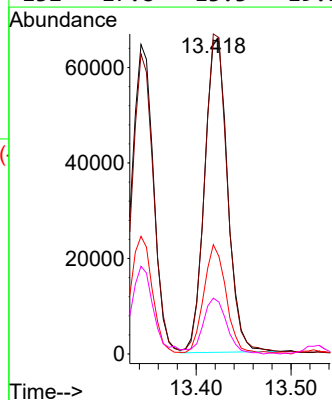
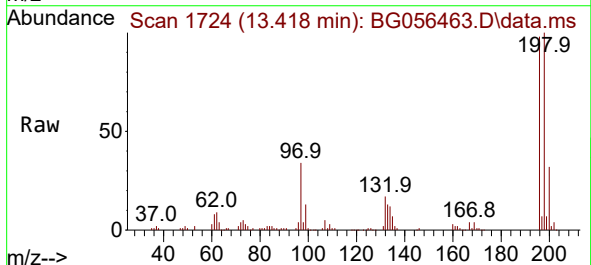
Instrument :
BNA_G
ClientSampleId :
PB150385BS

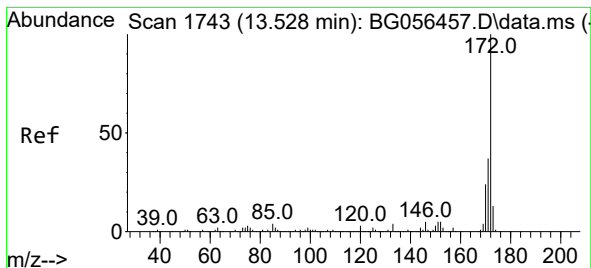
Tgt Ion:196 Resp: 104188
Ion Ratio Lower Upper
196 100
198 97.0 75.4 113.0
200 29.9 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 42.261 ng
RT: 13.418 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:196 Resp: 111224
Ion Ratio Lower Upper
196 100
198 102.0 76.9 115.3
97 34.8 25.8 38.6
132 17.8 13.3 19.9





#45

2-Fluorobiphenyl

Concen: 89.937 ng

RT: 13.524 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

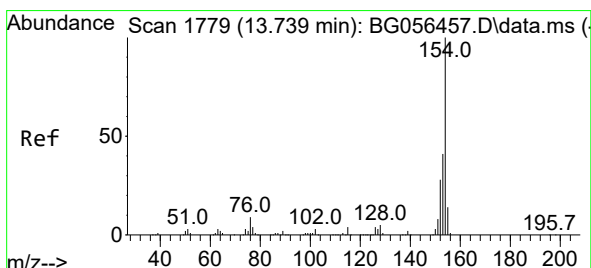
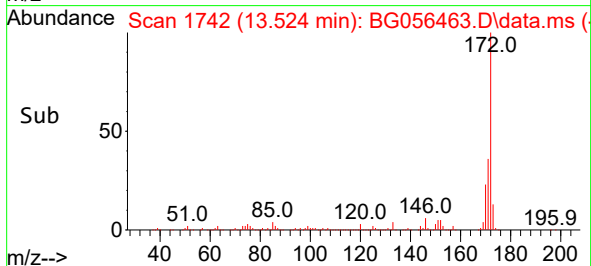
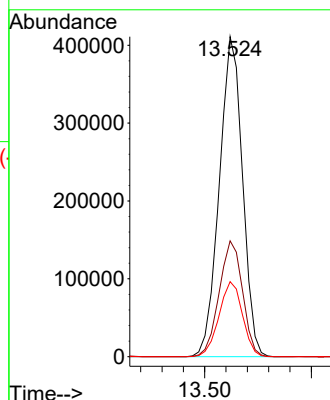
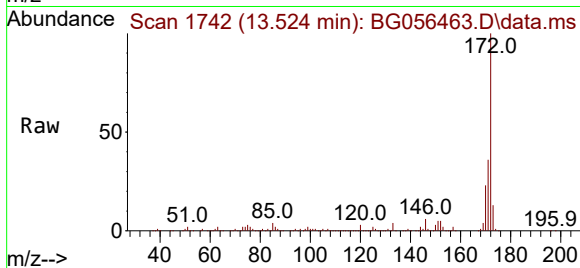
Tgt Ion:172 Resp: 619371

Ion Ratio Lower Upper

172 100

171 36.2 29.5 44.3

170 23.5 19.2 28.8



#46

1,1'-Biphenyl

Concen: 44.317 ng

RT: 13.735 min Scan# 1778

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

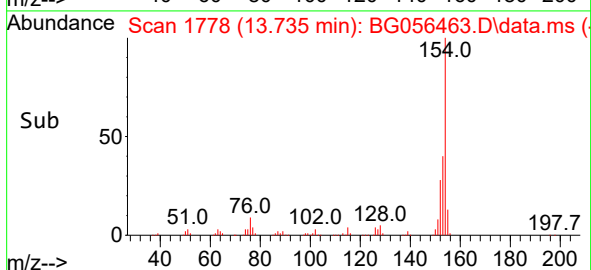
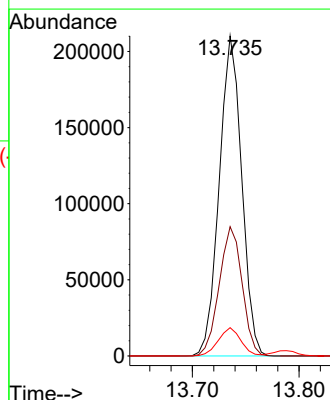
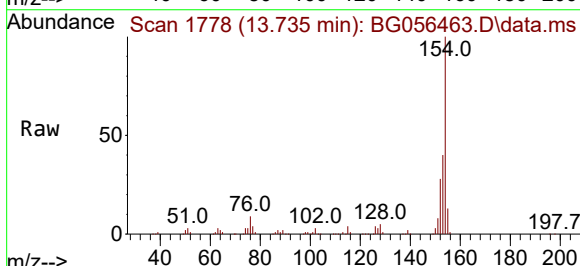
Tgt Ion:154 Resp: 306910

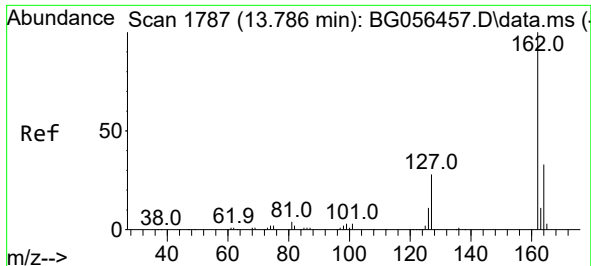
Ion Ratio Lower Upper

154 100

153 40.4 21.5 61.5

76 8.9 0.0 28.8

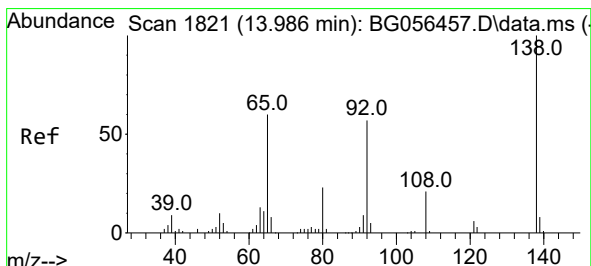
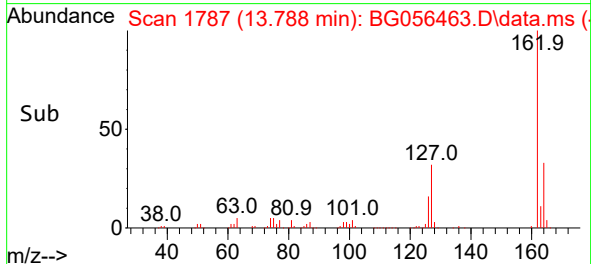
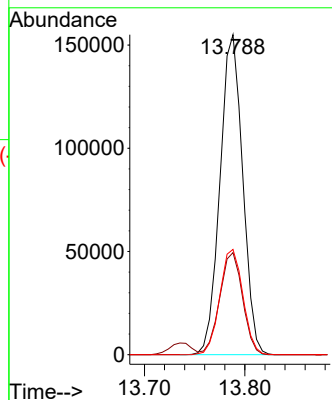
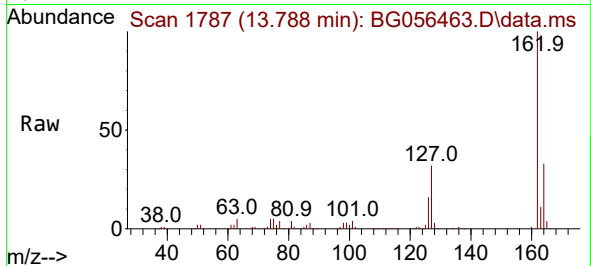




#47
2-Chloronaphthalene
Concen: 44.915 ng
RT: 13.788 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

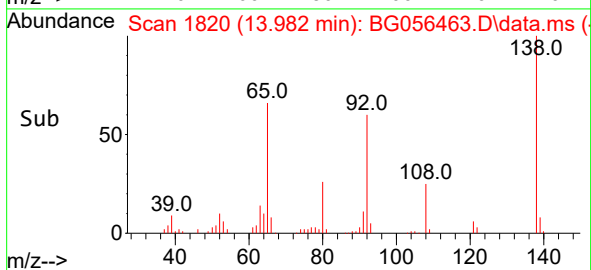
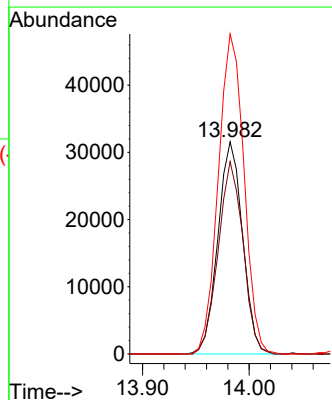
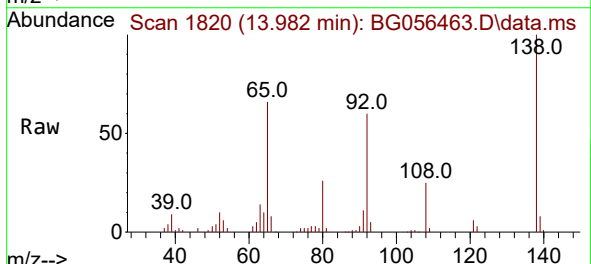
Instrument :
BNA_G
ClientSampleId :
PB150385BS

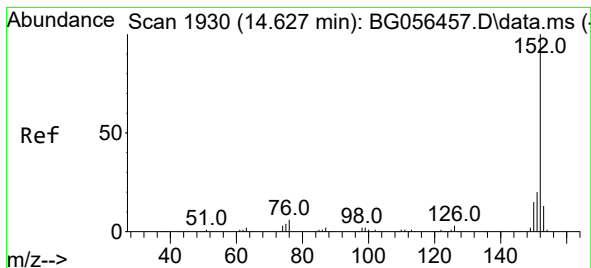
Tgt Ion:162 Resp: 243128
Ion Ratio Lower Upper
162 100
127 31.9 25.2 37.8
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 45.391 ng
RT: 13.982 min Scan# 1820
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion: 65 Resp: 50793
Ion Ratio Lower Upper
65 100
92 90.6 75.8 113.6
138 150.8 133.2 199.8





#49

Acenaphthylene

Concen: 44.314 ng

RT: 14.628 min Scan# 1930

Delta R.T. 0.002 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

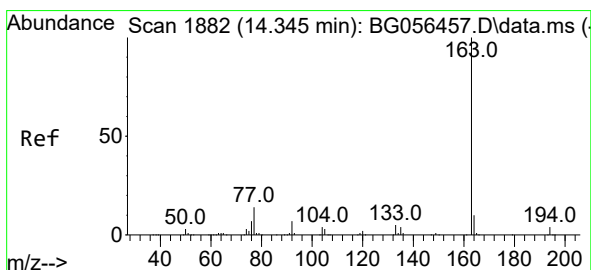
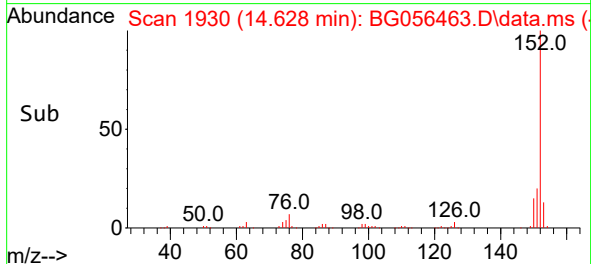
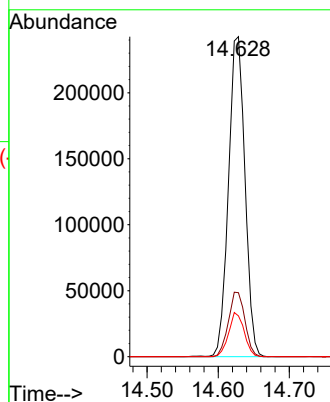
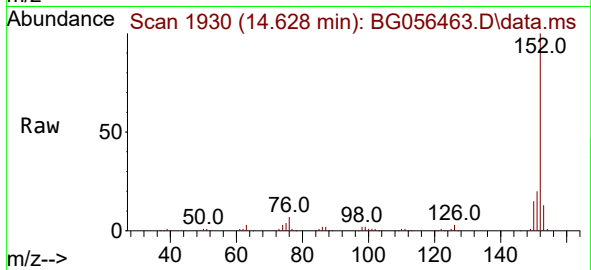
Tgt Ion:152 Resp: 390267

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 12.7 10.5 15.7



#50

Dimethylphthalate

Concen: 44.424 ng

RT: 14.340 min Scan# 1881

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

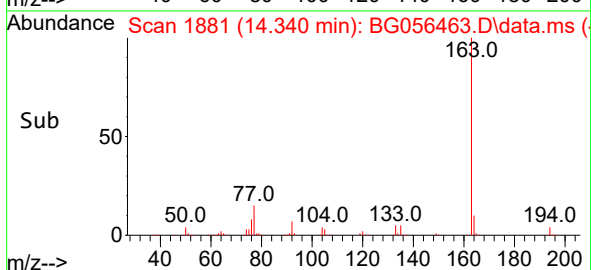
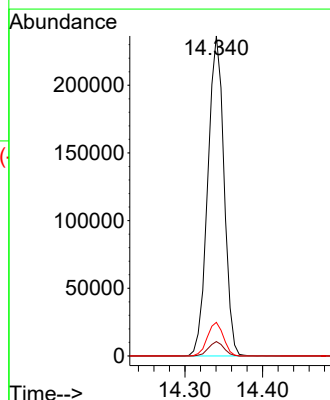
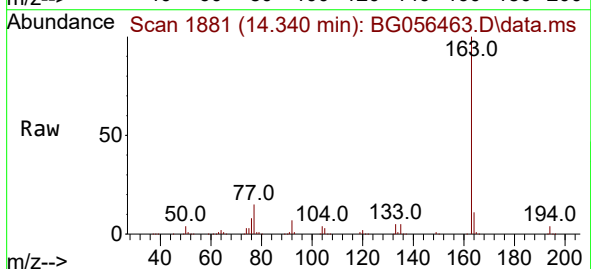
Tgt Ion:163 Resp: 343151

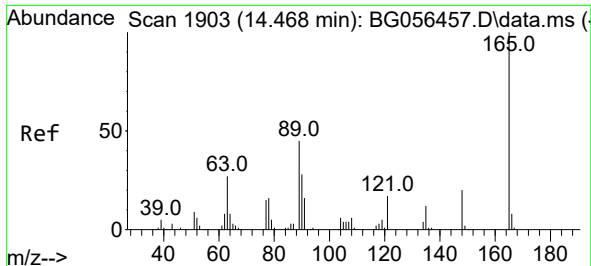
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.5 8.1 12.1

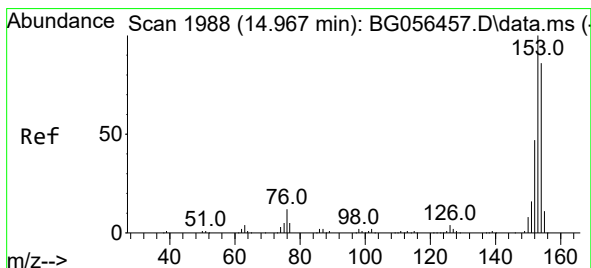
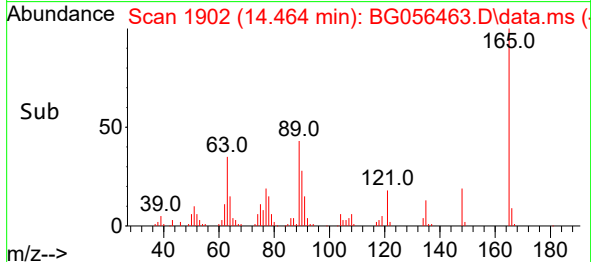
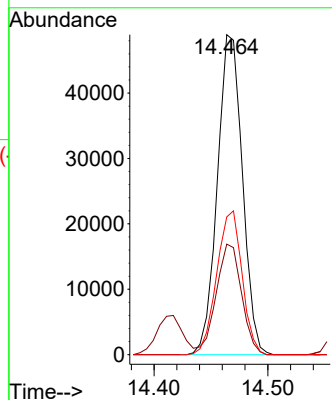
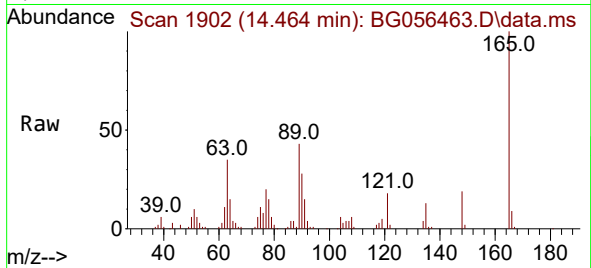




#51
2,6-Dinitrotoluene
Concen: 44.439 ng
RT: 14.464 min Scan# 1903
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

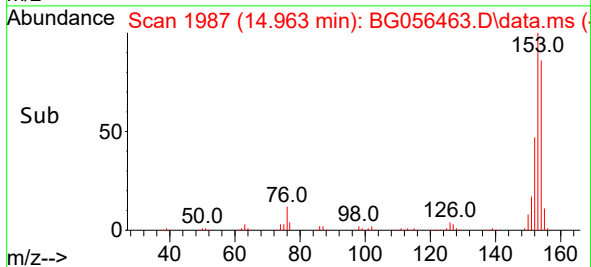
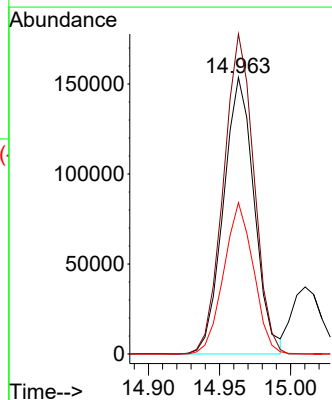
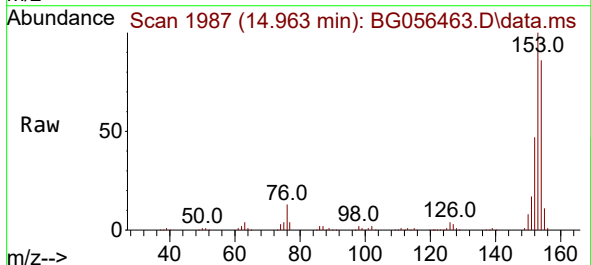
Instrument :
BNA_G
ClientSampleId :
PB150385BS

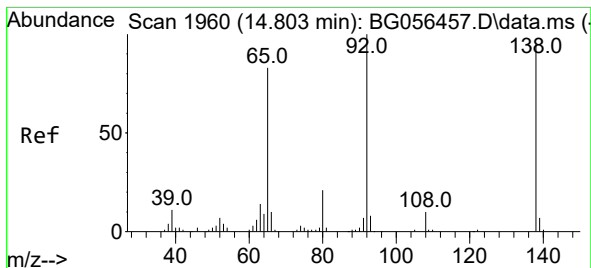
Tgt Ion:165 Resp: 74859
Ion Ratio Lower Upper
165 100
63 34.6 26.9 40.3
89 43.1 35.6 53.4



#52
Acenaphthene
Concen: 44.490 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:154 Resp: 232355
Ion Ratio Lower Upper
154 100
153 115.8 93.4 140.0
152 54.8 43.4 65.2

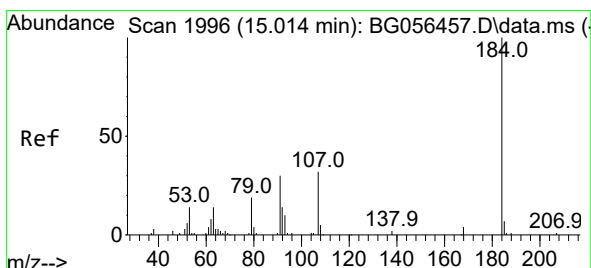
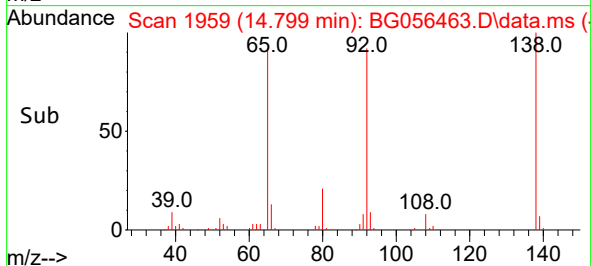
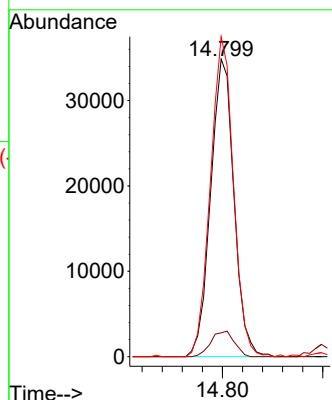
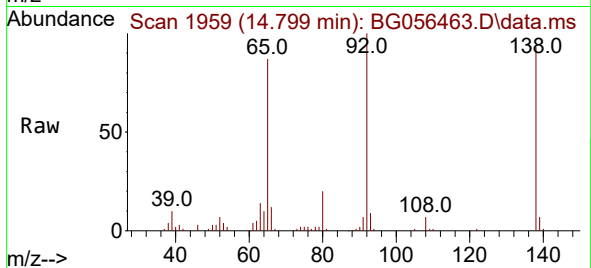




#53
 3-Nitroaniline
 Concen: 34.376 ng
 RT: 14.799 min Scan# 1959
 Delta R.T. -0.004 min
 Lab File: BG056463.D
 Acq: 27 Jan 2023 20:32

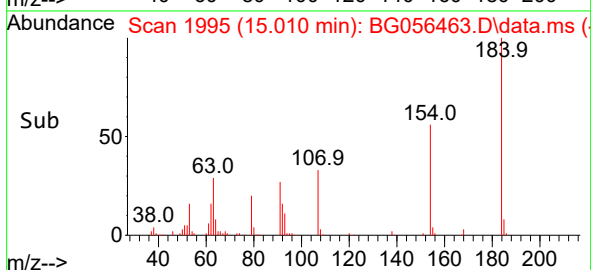
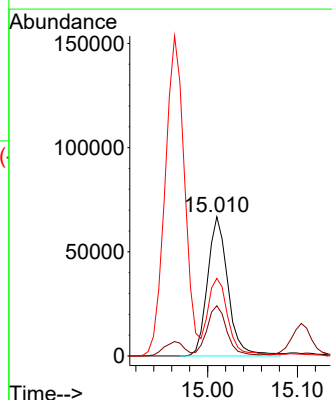
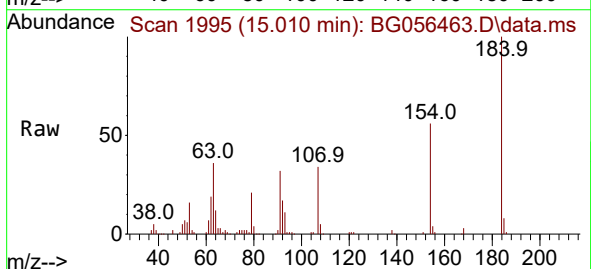
Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

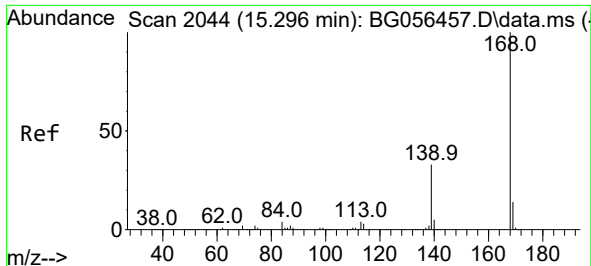
Tgt Ion:138 Resp: 56139
 Ion Ratio Lower Upper
 138 100
 108 8.0 8.0 12.0
 92 107.5 84.1 126.1



#54
 2,4-Dinitrophenol
 Concen: 100.097 ng
 RT: 15.010 min Scan# 1995
 Delta R.T. -0.004 min
 Lab File: BG056463.D
 Acq: 27 Jan 2023 20:32

Tgt Ion:184 Resp: 105709
 Ion Ratio Lower Upper
 184 100
 63 36.1 25.1 37.7
 154 55.7 44.8 67.2

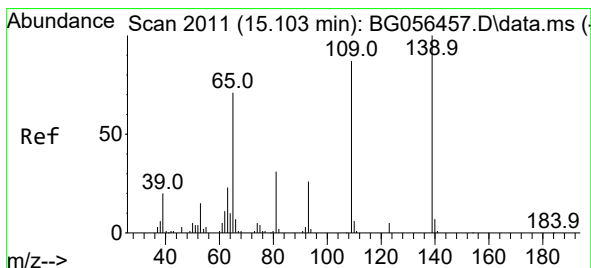
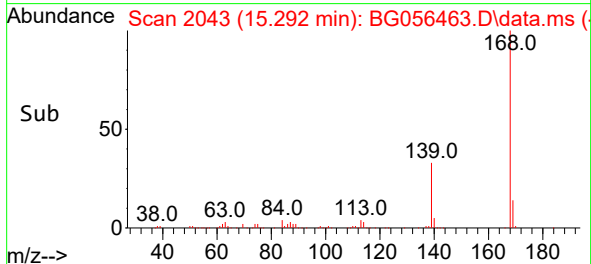
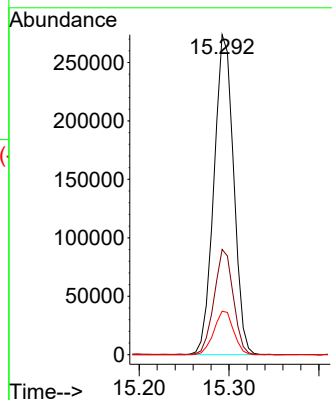
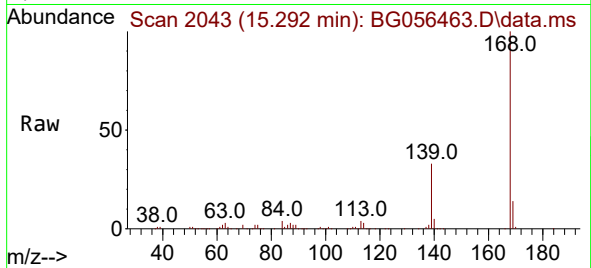




#55
Dibenzofuran
Concen: 44.412 ng
RT: 15.292 min Scan# 2044
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

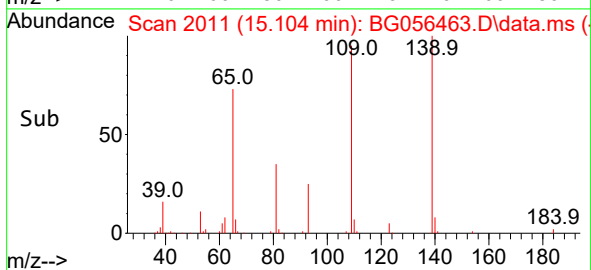
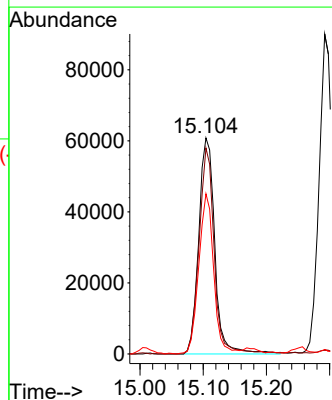
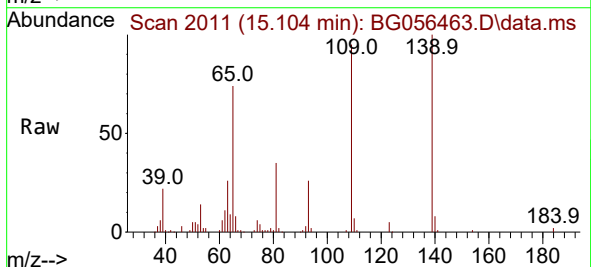
Instrument :
BNA_G
ClientSampleId :
PB150385BS

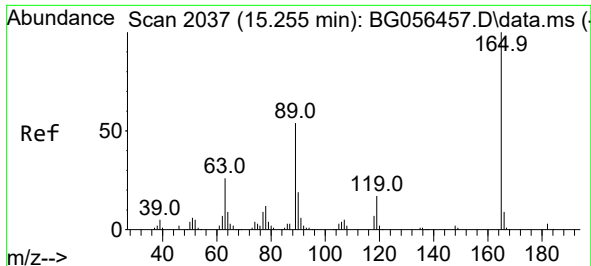
Tgt Ion:168 Resp: 415969
Ion Ratio Lower Upper
168 100
139 32.9 26.2 39.2
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 96.131 ng
RT: 15.104 min Scan# 2011
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:139 Resp: 107273
Ion Ratio Lower Upper
139 100
109 95.3 67.5 107.5
65 74.2 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 46.263 ng

RT: 15.251 min Scan# 2037

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

Tgt Ion:165 Resp: 109773

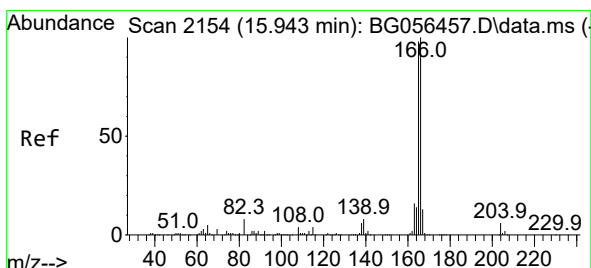
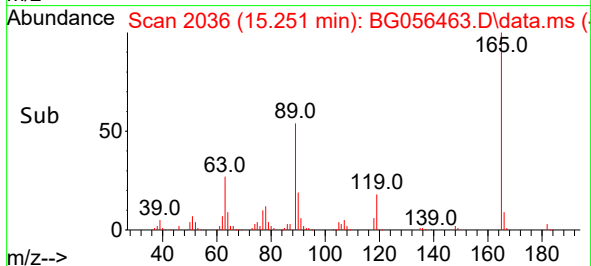
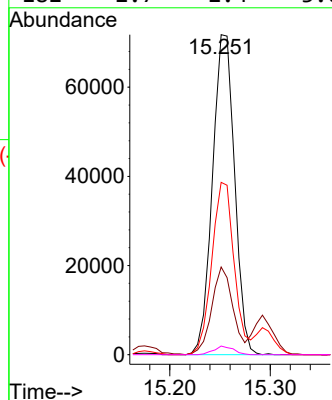
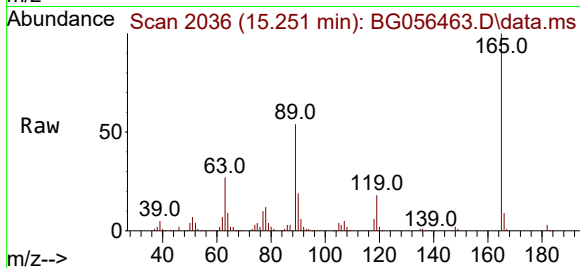
Ion Ratio Lower Upper

165 100

63 27.4 20.6 31.0

89 53.9 43.1 64.7

182 2.7 2.4 3.6



#58

Fluorene

Concen: 45.338 ng

RT: 15.939 min Scan# 2153

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

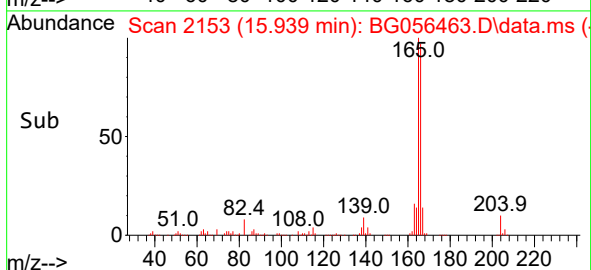
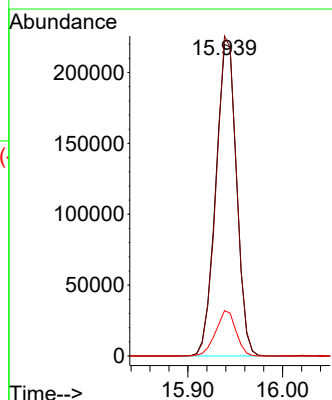
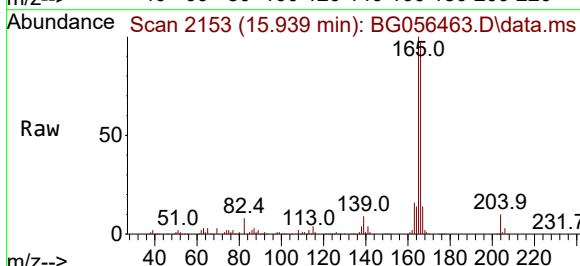
Tgt Ion:166 Resp: 337893

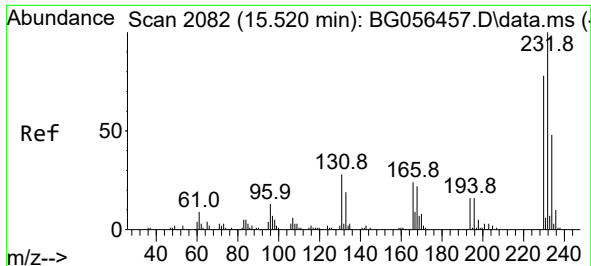
Ion Ratio Lower Upper

166 100

165 102.7 78.8 118.2

167 14.5 10.6 15.8

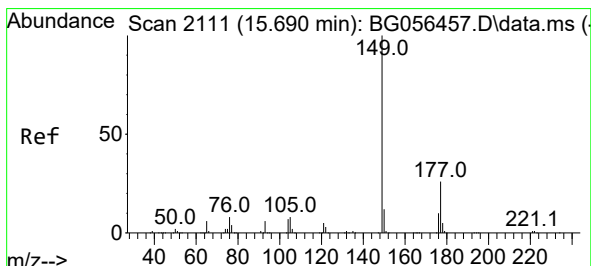
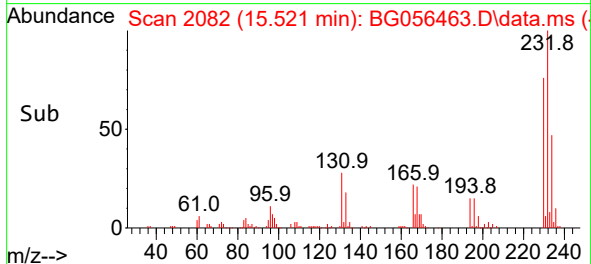
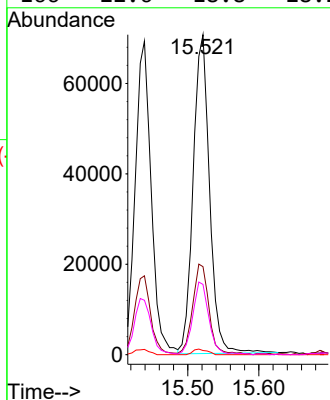
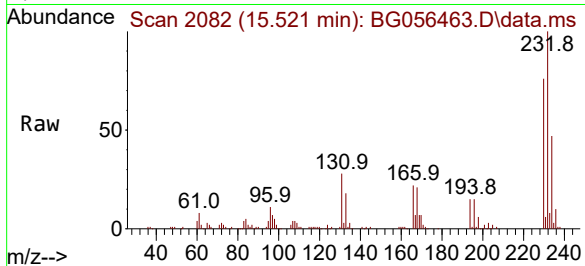




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.372 ng
RT: 15.521 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

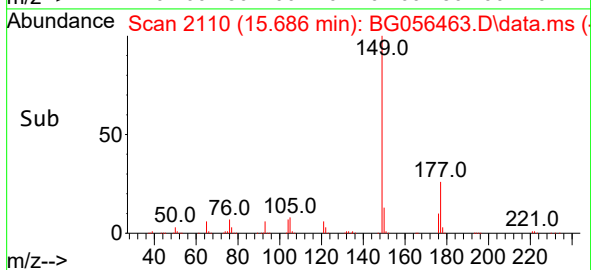
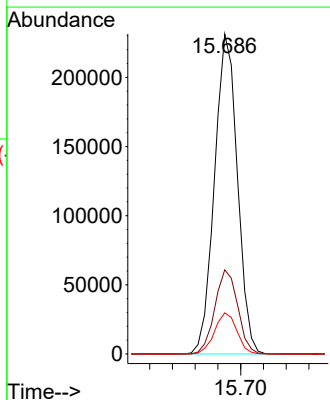
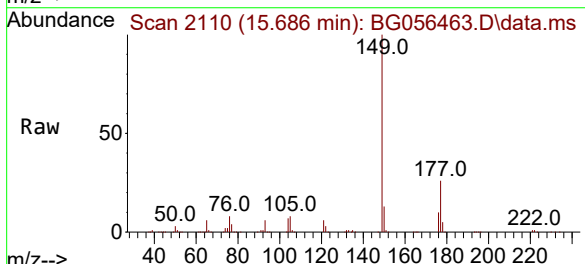
Instrument :
BNA_G
ClientSampleId :
PB150385BS

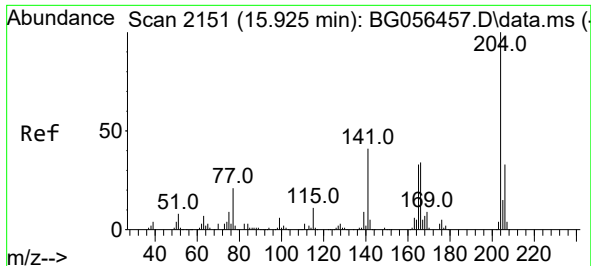
Tgt Ion:232 Resp: 113192
Ion Ratio Lower Upper
232 100
131 28.3 22.8 34.2
130 1.5 1.4 2.0
166 22.6 18.8 28.2



#60
Diethylphthalate
Concen: 44.577 ng
RT: 15.686 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:149 Resp: 323338
Ion Ratio Lower Upper
149 100
177 26.3 21.0 31.4
150 12.8 9.9 14.9

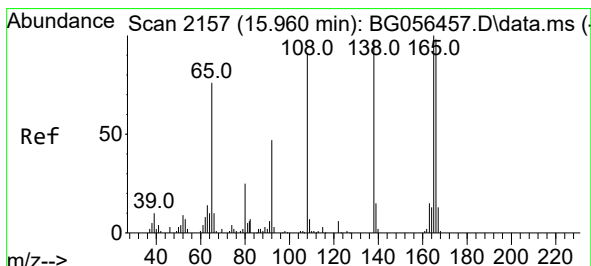
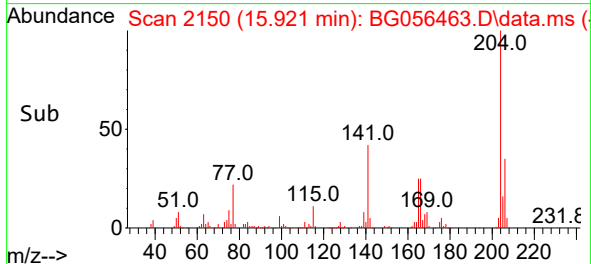
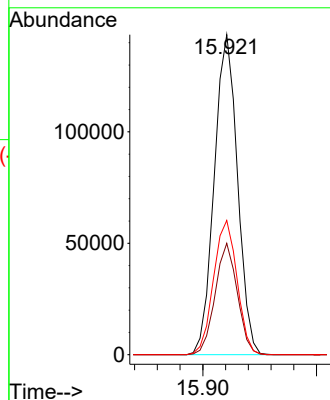
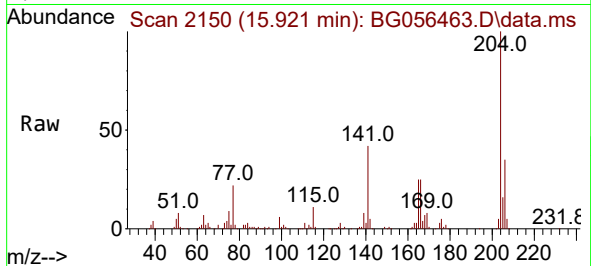




#61
4-Chlorophenyl-phenylether
Concen: 44.827 ng
RT: 15.921 min Scan# 2150
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

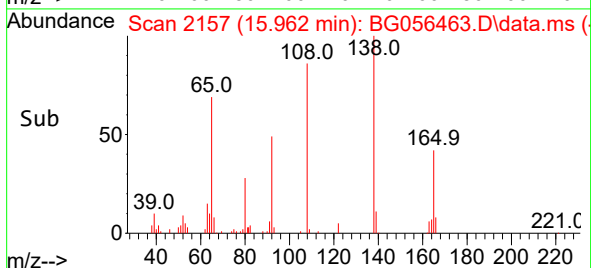
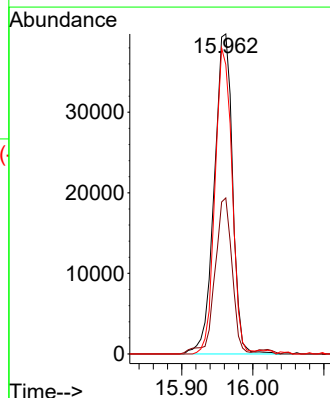
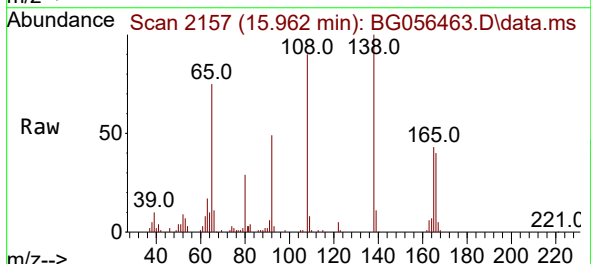
Instrument :
BNA_G
ClientSampleId :
PB150385BS

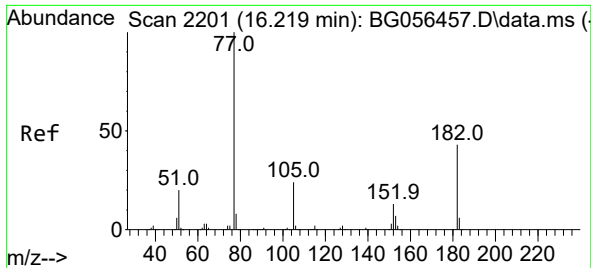
Tgt Ion:204 Resp: 203858
Ion Ratio Lower Upper
204 100
206 34.8 26.2 39.4
141 42.0 32.7 49.1



#62
4-Nitroaniline
Concen: 43.266 ng
RT: 15.962 min Scan# 2157
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:138 Resp: 70702
Ion Ratio Lower Upper
138 100
92 48.8 27.8 67.8
108 90.5 72.6 112.6

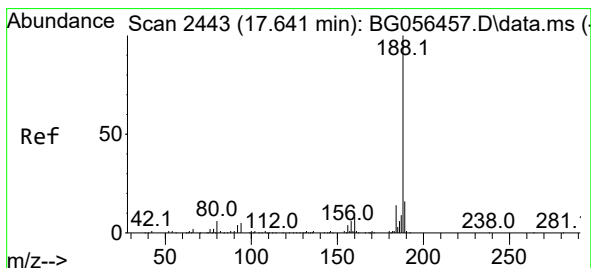
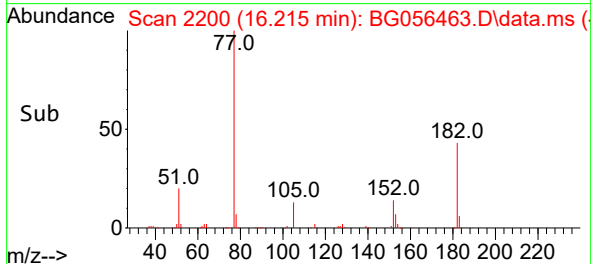
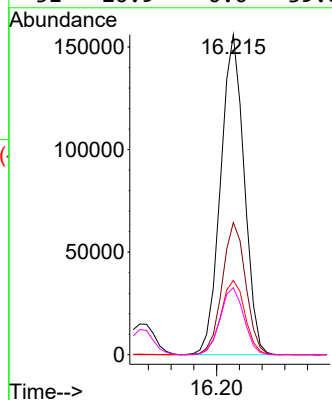
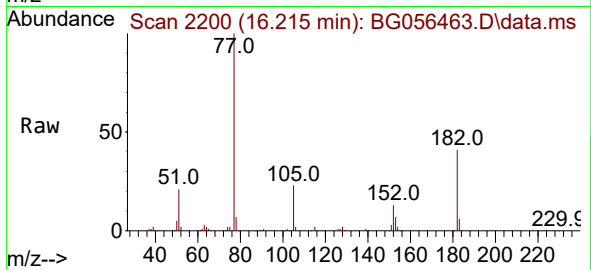




#63
Azobenzene
Concen: 44.941 ng
RT: 16.215 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

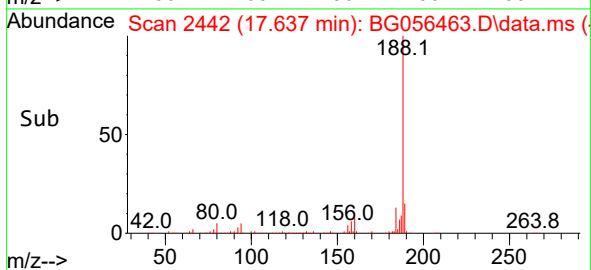
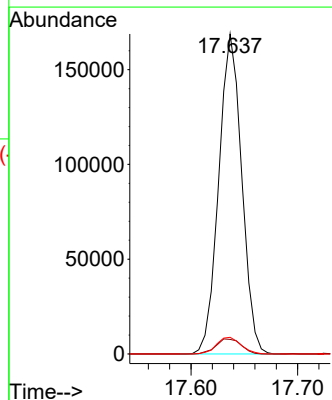
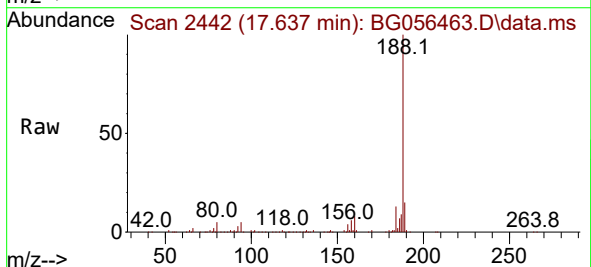
Instrument :
BNA_G
ClientSampleId :
PB150385BS

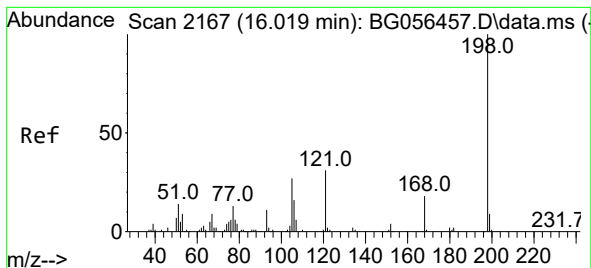
Tgt Ion: 77 Resp: 224297
Ion Ratio Lower Upper
77 100
182 41.3 23.1 63.1
105 23.2 4.2 44.2
51 20.9 0.0 39.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.637 min Scan# 2442
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:188 Resp: 252408
Ion Ratio Lower Upper
188 100
94 4.6 4.1 6.1
80 5.2 5.0 7.4

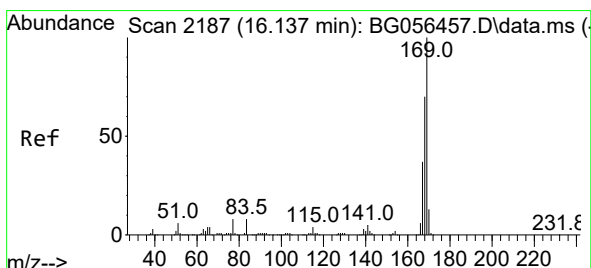
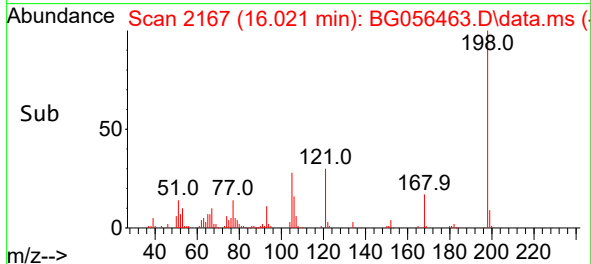
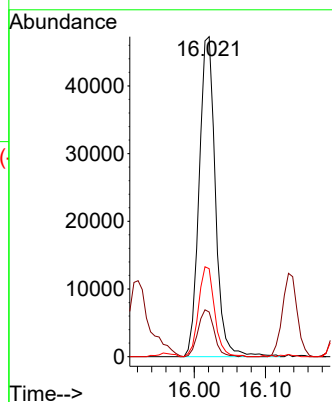
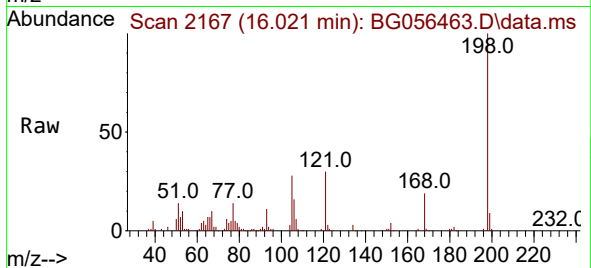




#65
4,6-Dinitro-2-methylphenol
Concen: 42.439 ng
RT: 16.021 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

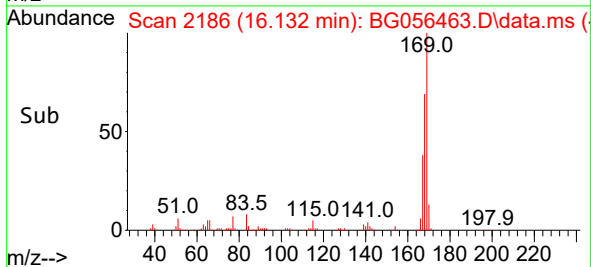
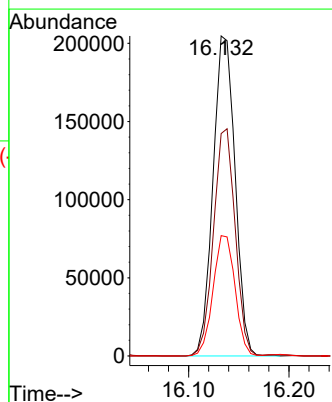
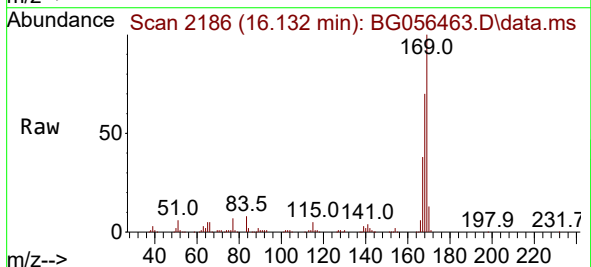
Instrument :
BNA_G
ClientSampleId :
PB150385BS

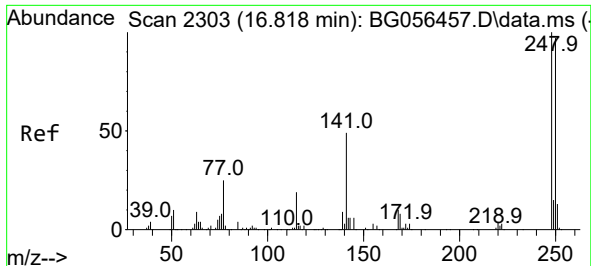
Tgt Ion:198 Resp: 75311
Ion Ratio Lower Upper
198 100
51 14.0 0.0 35.0
105 27.5 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 43.800 ng
RT: 16.132 min Scan# 2186
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:169 Resp: 313009
Ion Ratio Lower Upper
169 100
168 69.5 55.8 83.6
167 37.6 29.8 44.8

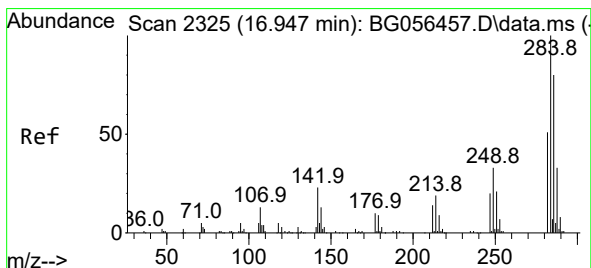
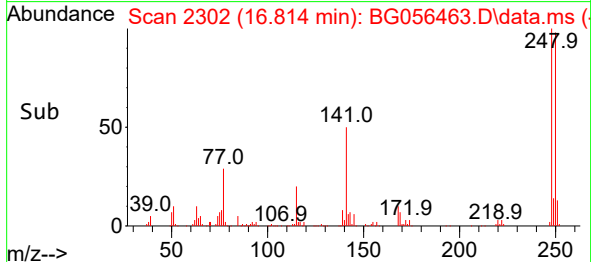
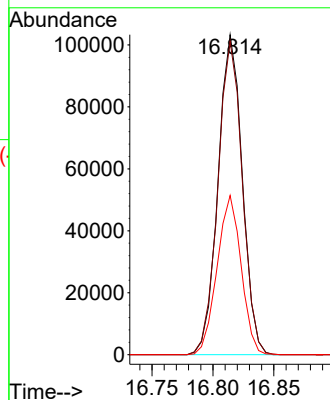
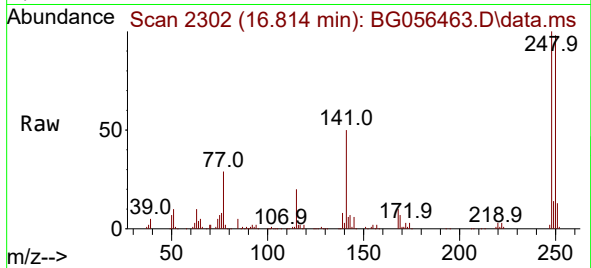




#67
4-Bromophenyl-phenylether
Concen: 44.241 ng
RT: 16.814 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

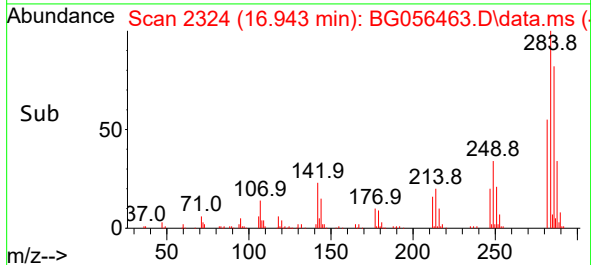
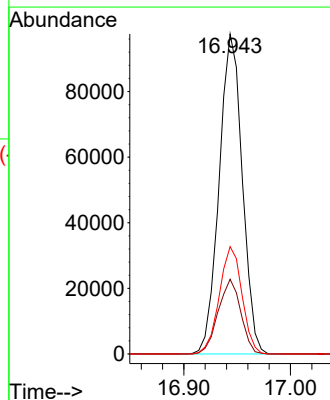
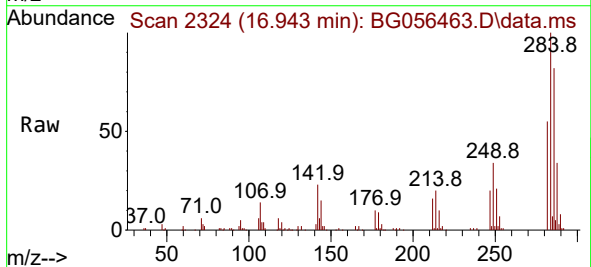
Instrument :
BNA_G
ClientSampleId :
PB150385BS

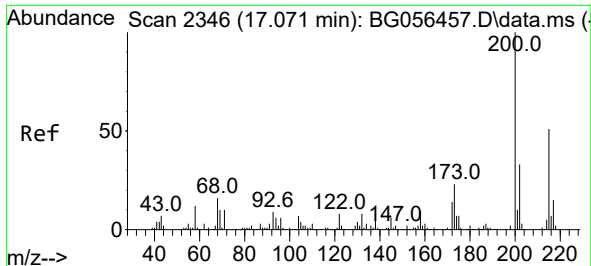
Tgt Ion:248 Resp: 142955
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 49.7 39.0 58.4



#68
Hexachlorobenzene
Concen: 46.352 ng
RT: 16.943 min Scan# 2324
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:284 Resp: 146694
Ion Ratio Lower Upper
284 100
142 23.3 18.0 27.0
249 33.5 26.7 40.1

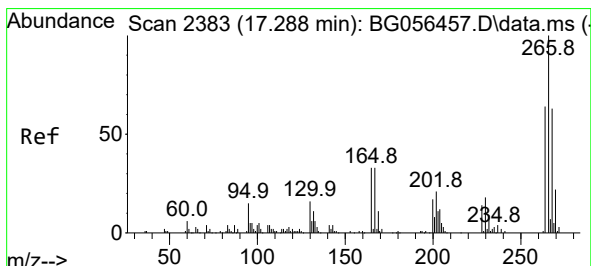
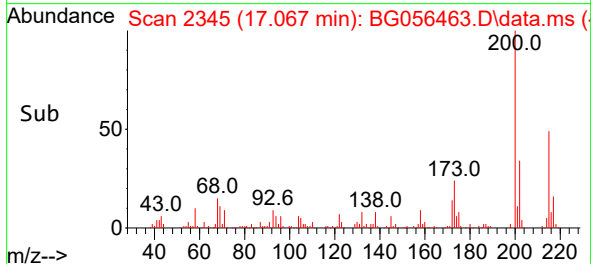
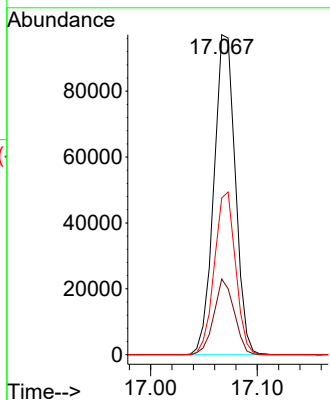
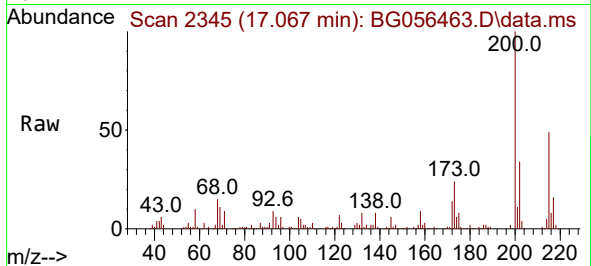




#69
Atrazine
Concen: 49.117 ng
RT: 17.067 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

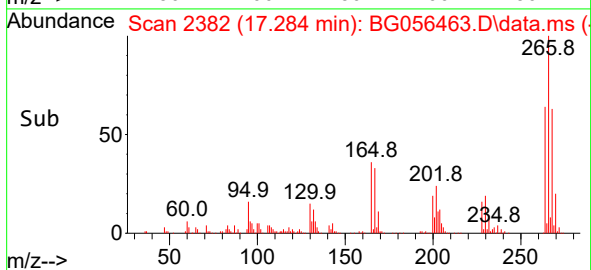
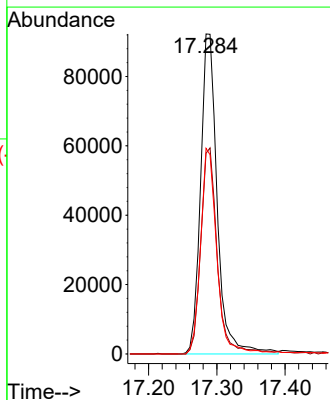
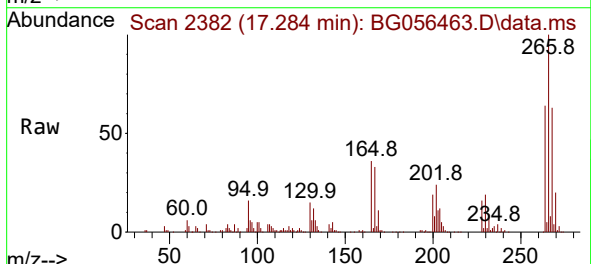
Instrument :
BNA_G
ClientSampleId :
PB150385BS

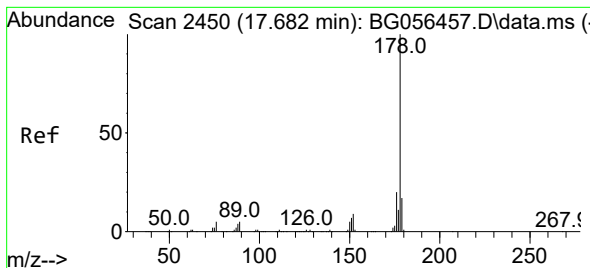
Tgt Ion:200 Resp: 135417
Ion Ratio Lower Upper
200 100
173 23.7 3.2 43.2
215 49.0 30.7 70.7



#70
Pentachlorophenol
Concen: 81.937 ng
RT: 17.284 min Scan# 2382
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:266 Resp: 156905
Ion Ratio Lower Upper
266 100
268 62.7 50.2 75.4
264 64.2 51.4 77.0





#71

Phenanthrene

Concen: 45.151 ng

RT: 17.678 min Scan# 2449

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

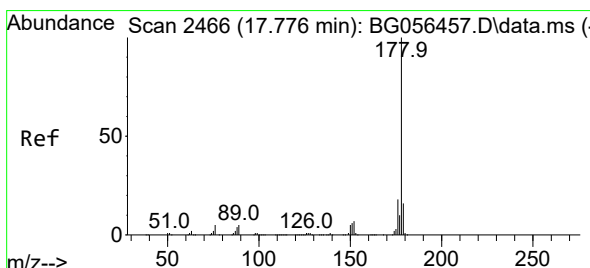
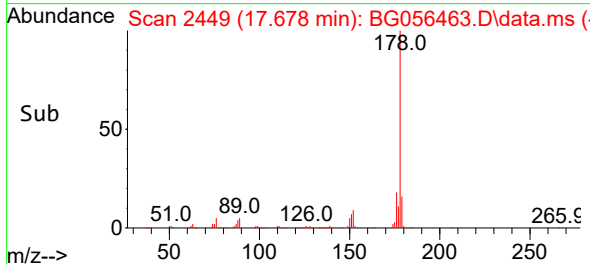
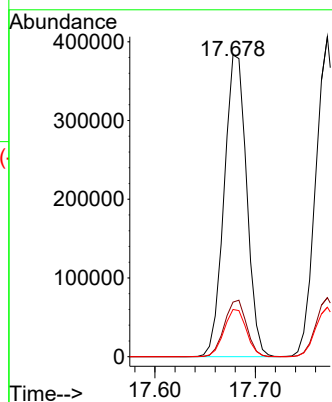
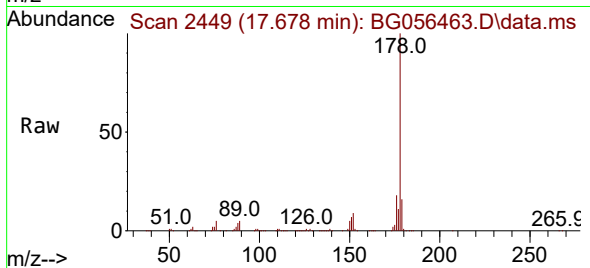
Tgt Ion:178 Resp: 596467

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

179 15.7 13.3 19.9



#72

Anthracene

Concen: 44.601 ng

RT: 17.772 min Scan# 2465

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

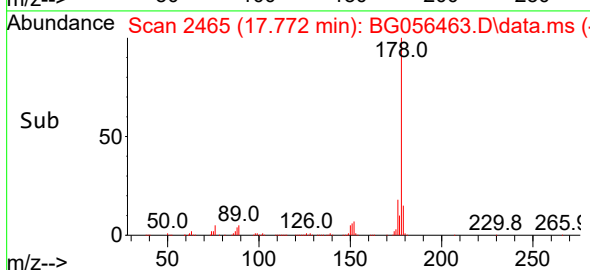
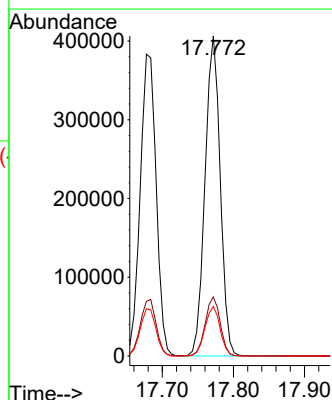
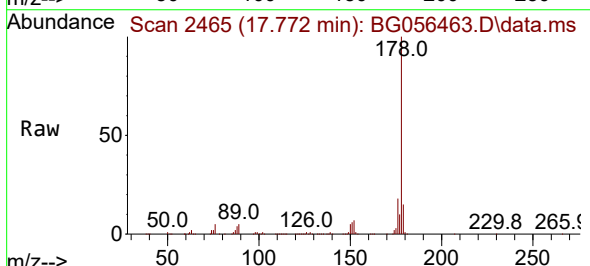
Tgt Ion:178 Resp: 604834

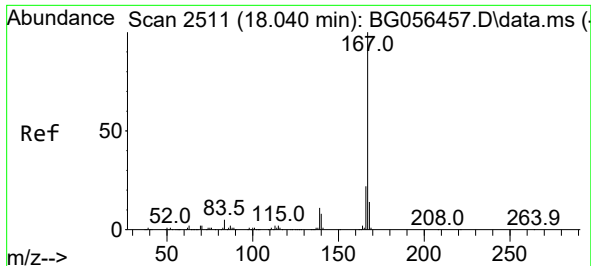
Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

179 15.5 12.5 18.7

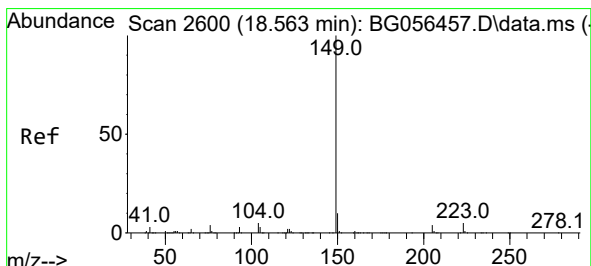
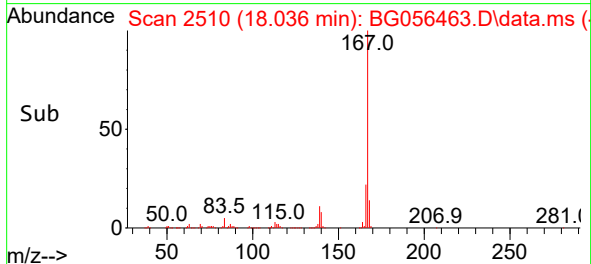
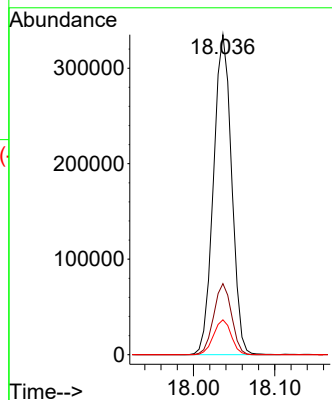
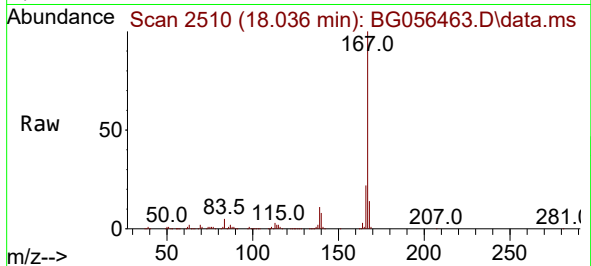




#73
 Carbazole
 Concen: 45.010 ng
 RT: 18.036 min Scan# 2510
 Delta R.T. -0.004 min
 Lab File: BG056463.D
 Acq: 27 Jan 2023 20:32

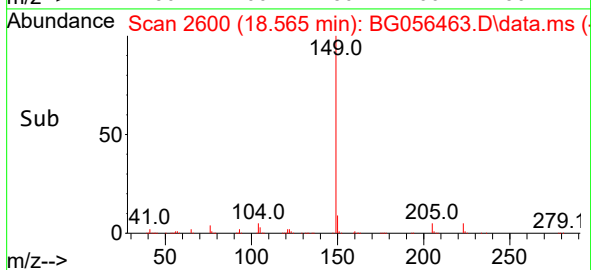
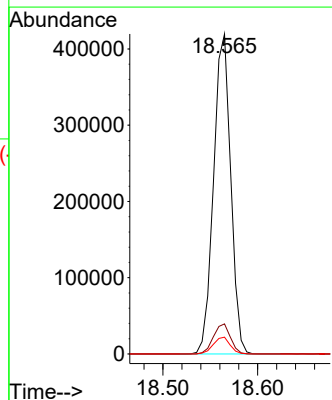
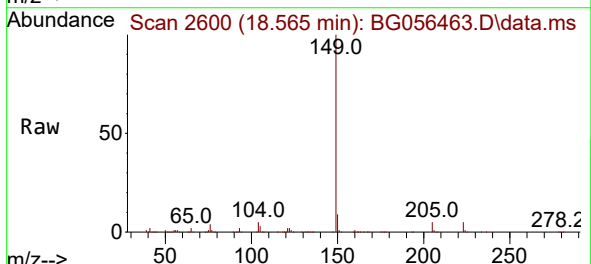
Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

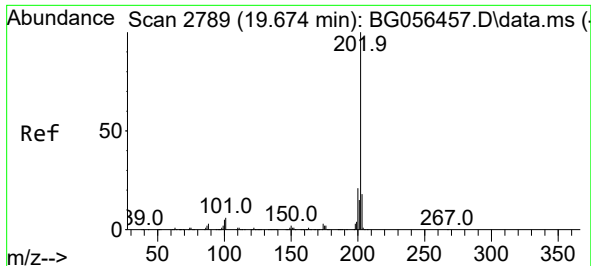
Tgt Ion:167 Resp: 519859
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 10.9 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 43.382 ng
 RT: 18.565 min Scan# 2600
 Delta R.T. 0.002 min
 Lab File: BG056463.D
 Acq: 27 Jan 2023 20:32

Tgt Ion:149 Resp: 526110
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.3 4.0 6.0

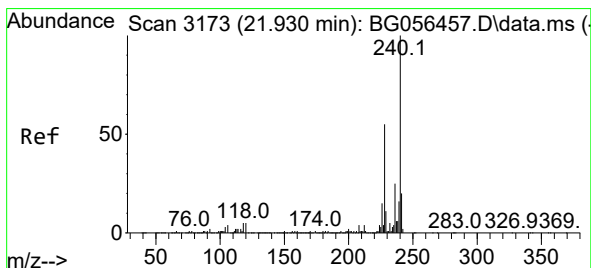
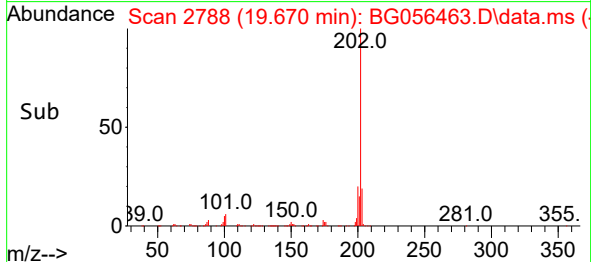
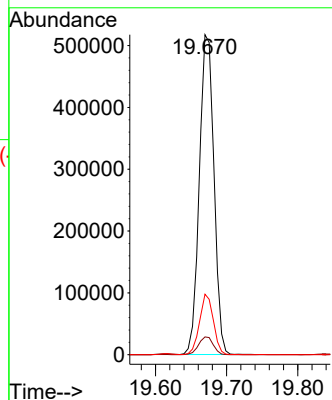
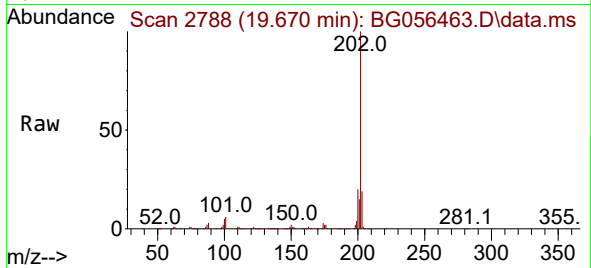




#75
Fluoranthene
Concen: 44.524 ng
RT: 19.670 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

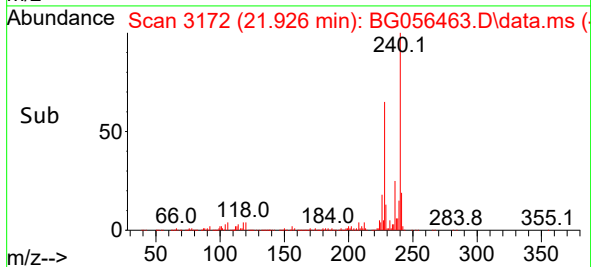
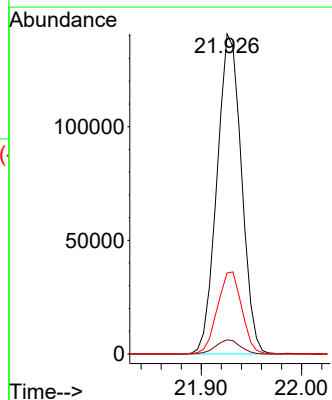
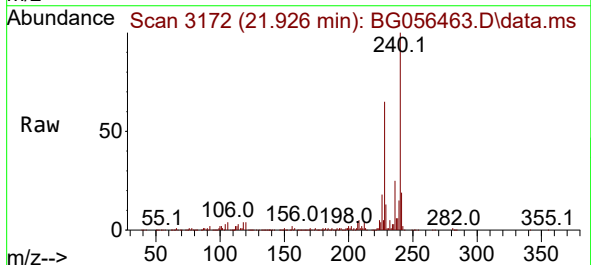
Instrument :
BNA_G
ClientSampleId :
PB150385BS

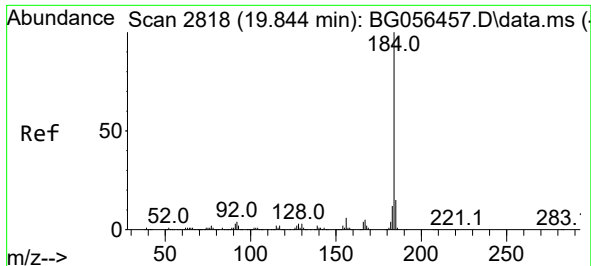
Tgt Ion:202 Resp: 742357
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.6
203 18.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:240 Resp: 238877
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.8
236 25.3 20.2 30.2

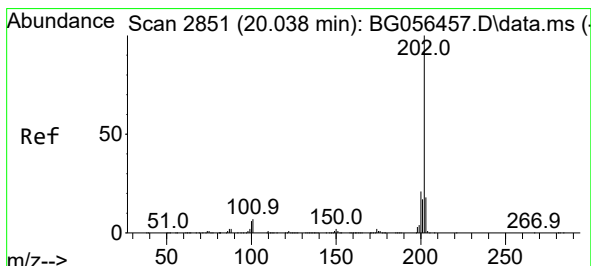
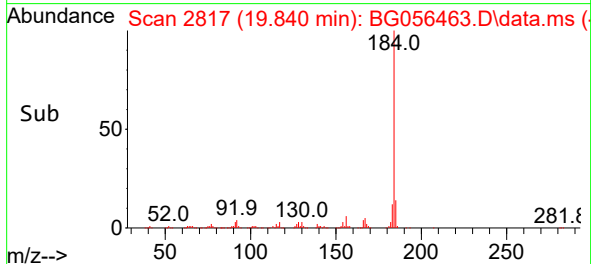
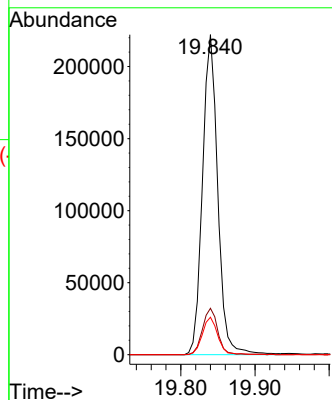
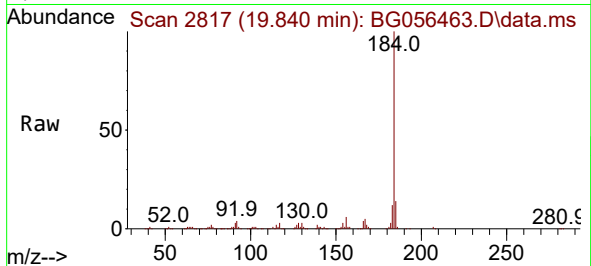




#77
Benzidine
Concen: 49.237 ng
RT: 19.840 min Scan# 2818
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

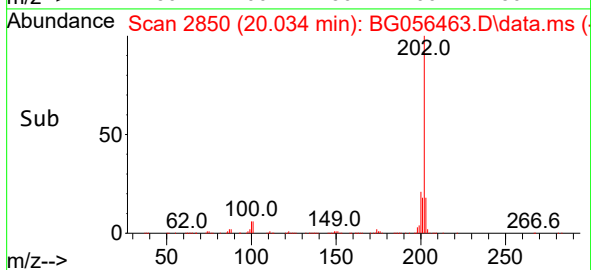
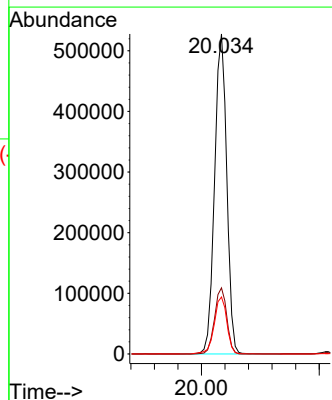
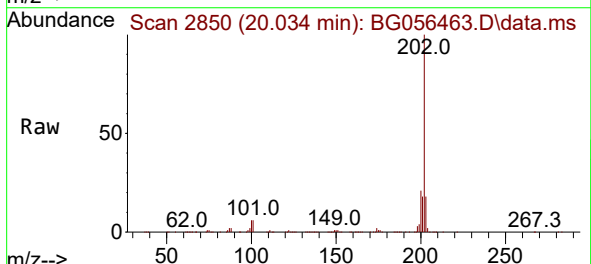
Instrument :
BNA_G
ClientSampleId :
PB150385BS

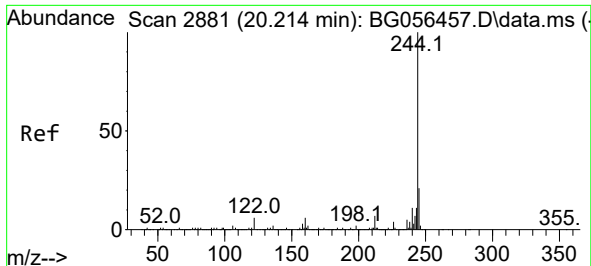
Tgt Ion:184 Resp: 318282
Ion Ratio Lower Upper
184 100
185 14.5 12.3 18.5
183 11.7 9.8 14.8



#78
Pyrene
Concen: 44.371 ng
RT: 20.034 min Scan# 2850
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:202 Resp: 753830
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.8 14.4 21.6

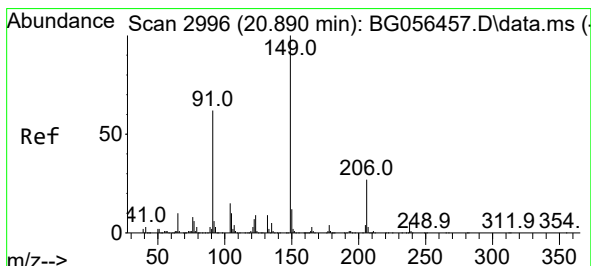
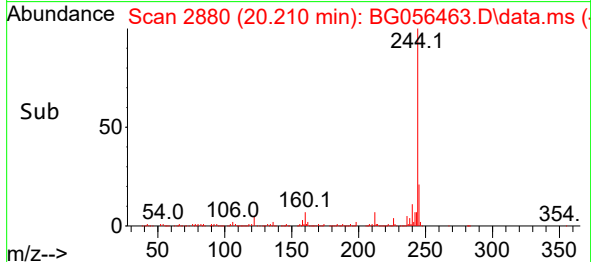
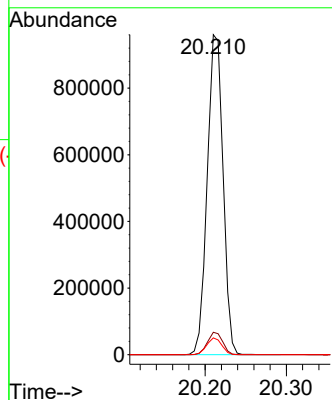
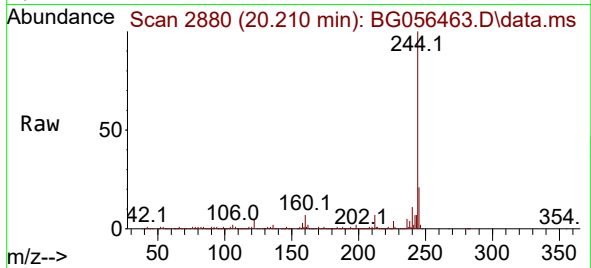




#79
 Terphenyl-d14
 Concen: 95.230 ng
 RT: 20.210 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056463.D
 Acq: 27 Jan 2023 20:32

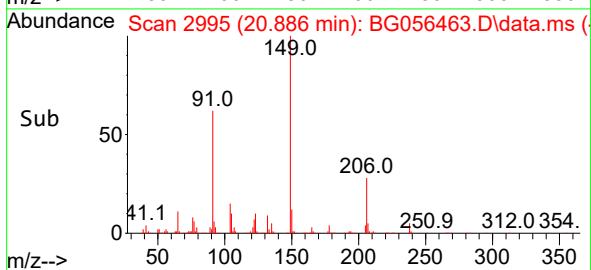
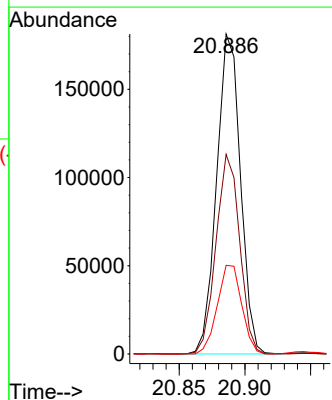
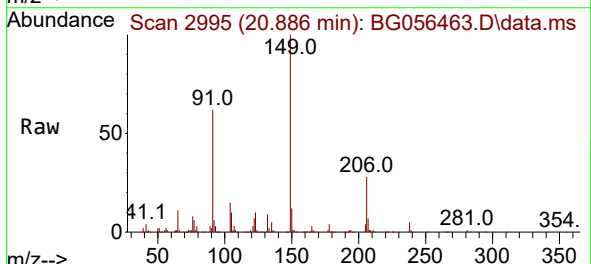
Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

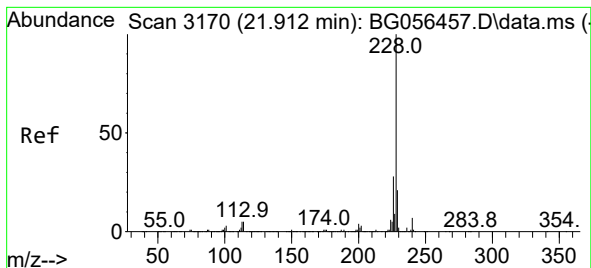
Tgt Ion:244 Resp: 1295194
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.2 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 44.015 ng
 RT: 20.886 min Scan# 2995
 Delta R.T. -0.004 min
 Lab File: BG056463.D
 Acq: 27 Jan 2023 20:32

Tgt Ion:149 Resp: 228379
 Ion Ratio Lower Upper
 149 100
 91 62.3 49.4 74.0
 206 27.7 22.0 33.0





#81

Benzo(a)anthracene

Concen: 45.557 ng

RT: 21.908 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

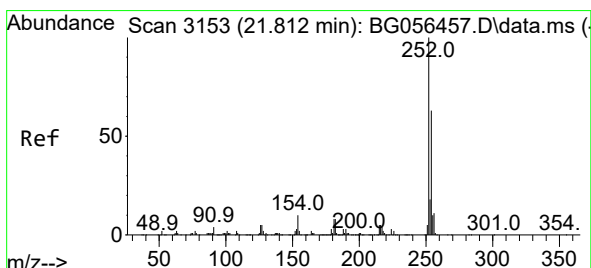
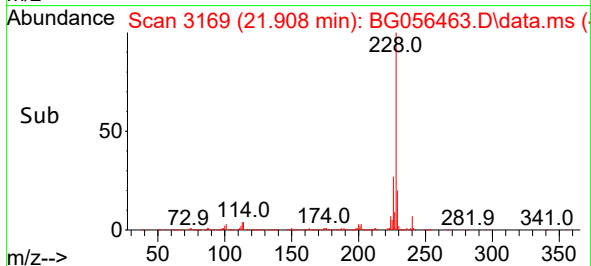
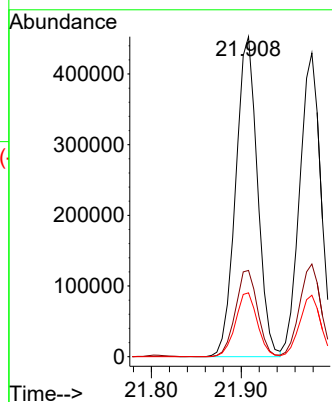
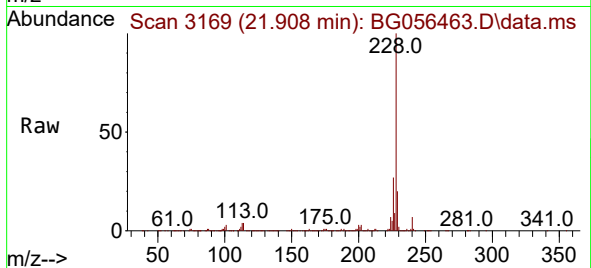
Tgt Ion:228 Resp: 760805

Ion Ratio Lower Upper

228 100

226 26.9 22.4 33.6

229 19.9 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 33.770 ng

RT: 21.808 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

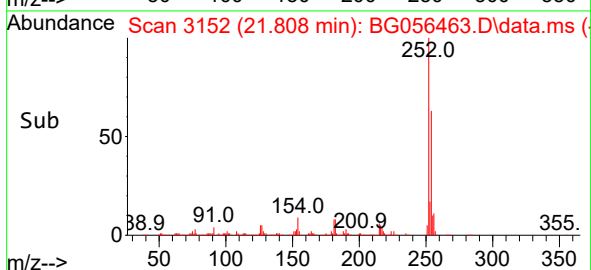
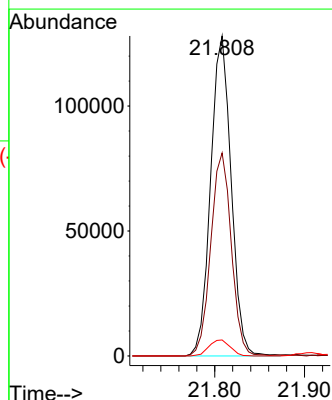
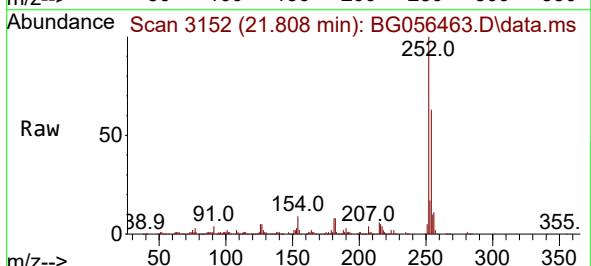
Tgt Ion:252 Resp: 203091

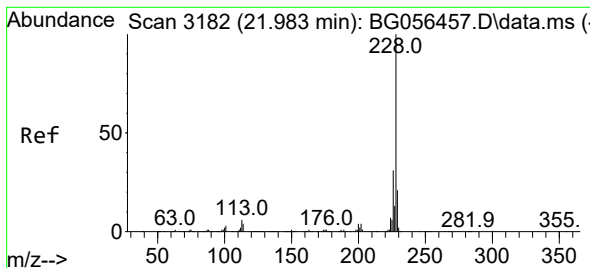
Ion Ratio Lower Upper

252 100

254 63.5 50.0 75.0

126 5.0 4.3 6.5





#83

Chrysene

Concen: 44.893 ng

RT: 21.979 min Scan# 3181

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

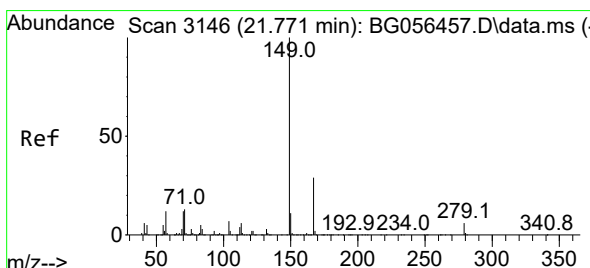
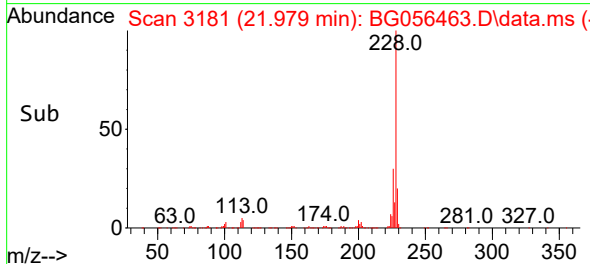
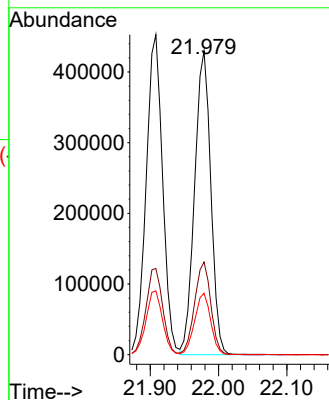
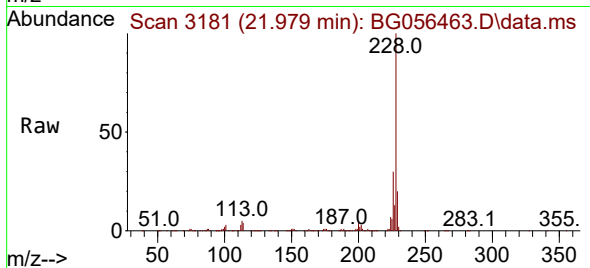
Tgt Ion:228 Resp: 704352

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

229 20.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.674 ng

RT: 21.767 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

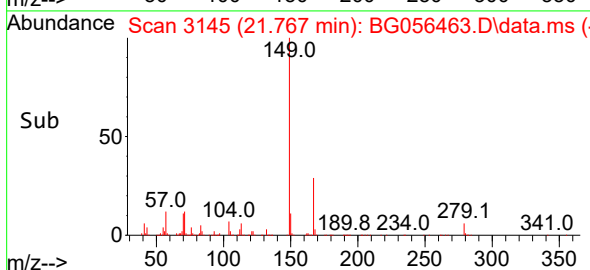
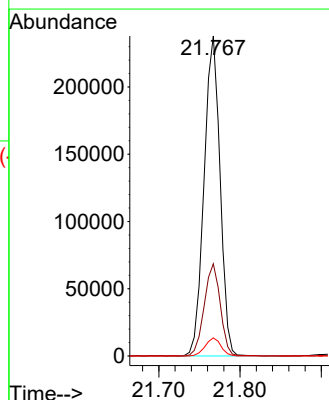
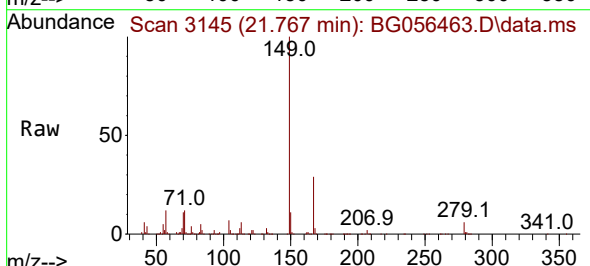
Tgt Ion:149 Resp: 324895

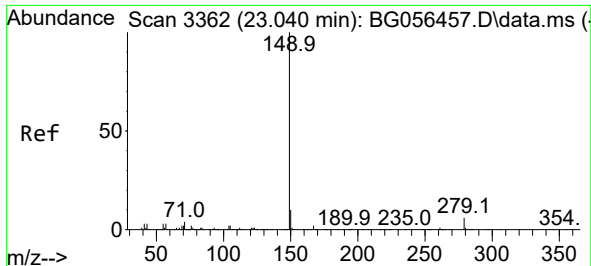
Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.2

279 5.7 4.4 6.6

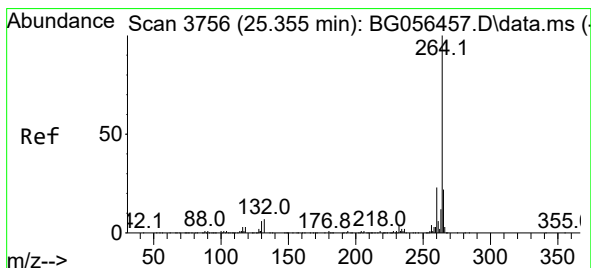
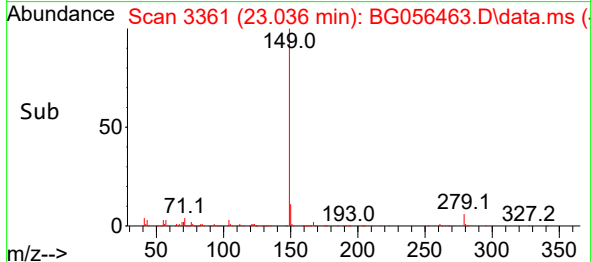
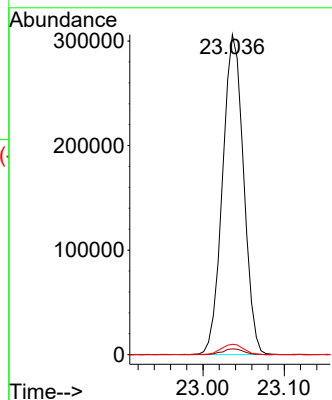
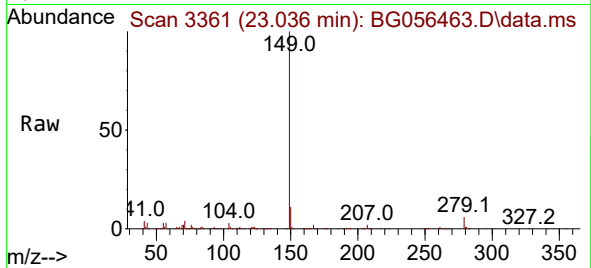




#85
Di-n-octyl phthalate
Concen: 44.437 ng
RT: 23.036 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

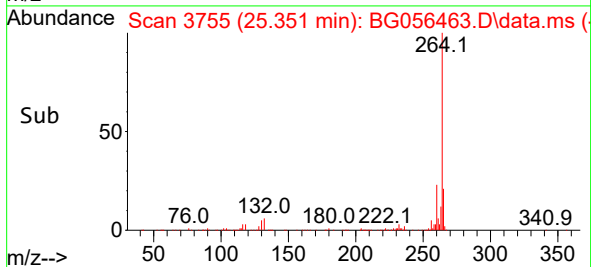
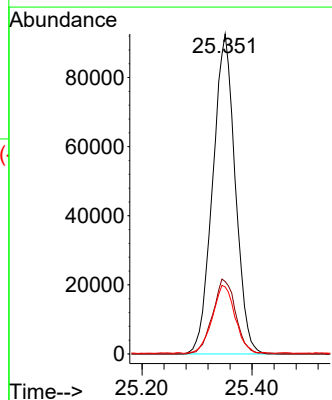
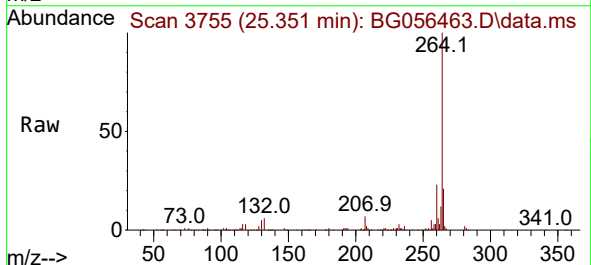
Instrument :
BNA_G
ClientSampleId :
PB150385BS

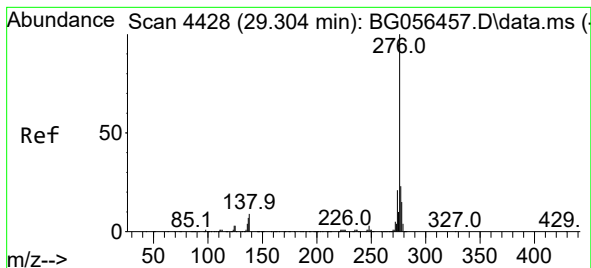
Tgt Ion:149 Resp: 550507
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.6 2.7 4.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3755
Delta R.T. -0.004 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:264 Resp: 262883
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.4
265 20.9 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.404 ng

RT: 29.294 min Scan# 4428

Delta R.T. -0.010 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

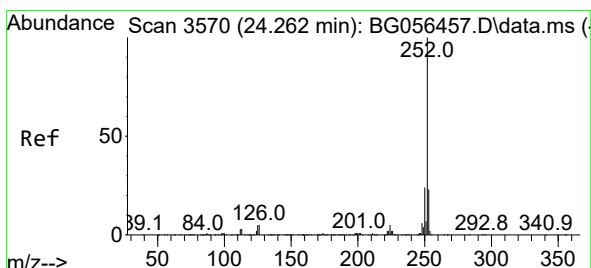
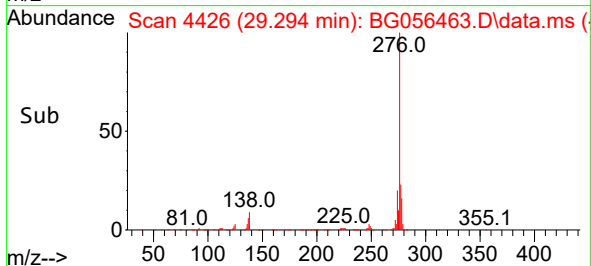
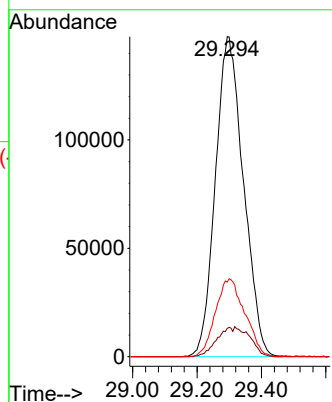
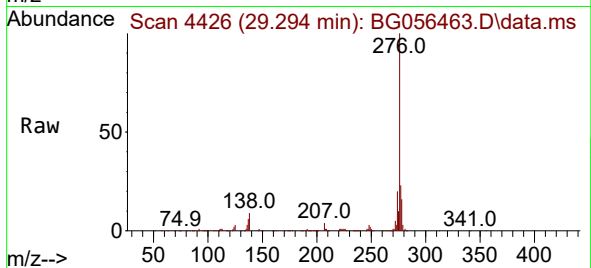
Tgt Ion:276 Resp: 892960

Ion Ratio Lower Upper

276 100

138 5.4 9.4 14.2#

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.181 ng

RT: 24.252 min Scan# 3568

Delta R.T. -0.010 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

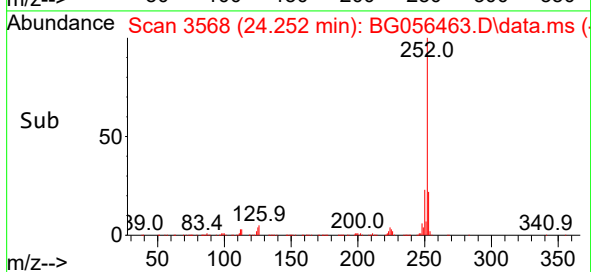
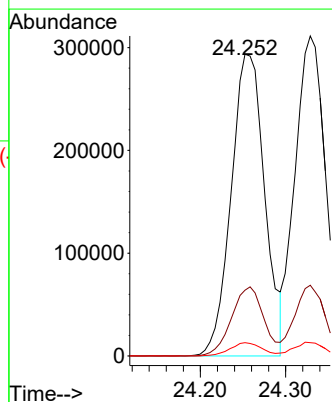
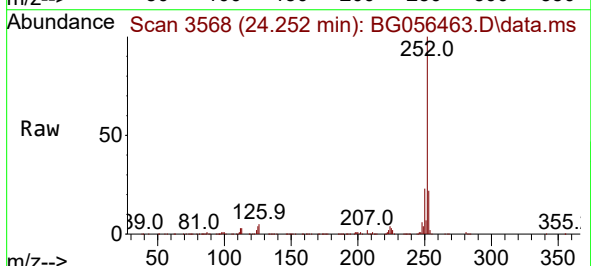
Tgt Ion:252 Resp: 802489

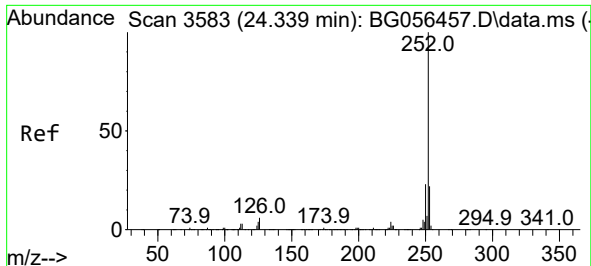
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 4.4 3.9 5.9

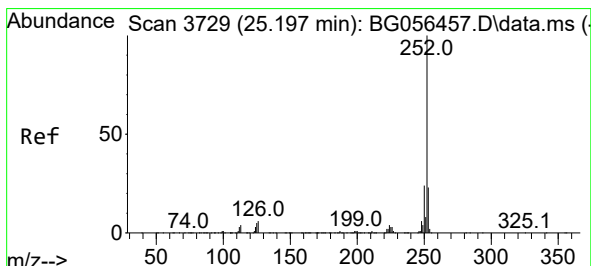
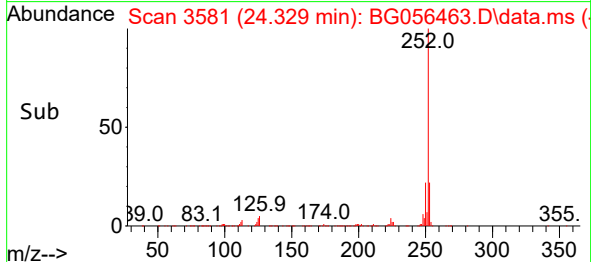
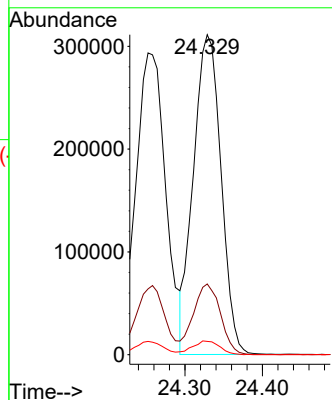
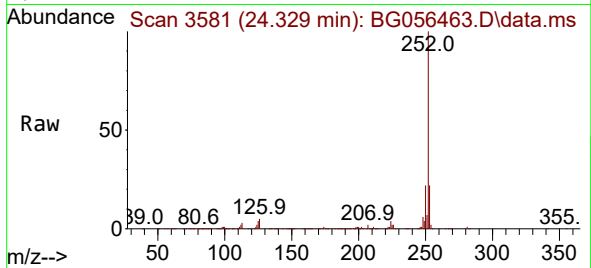




#89
Benzo(k)fluoranthene
Concen: 46.656 ng
RT: 24.329 min Scan# 3583
Delta R.T. -0.010 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

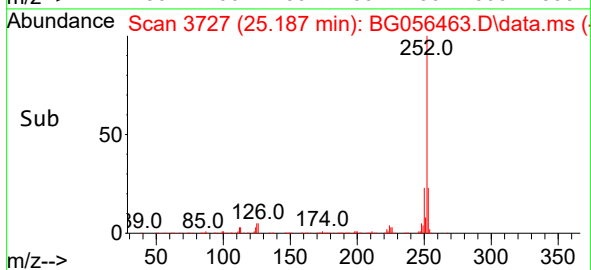
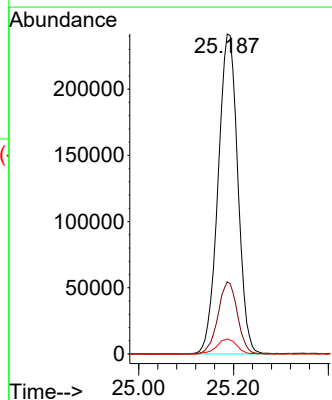
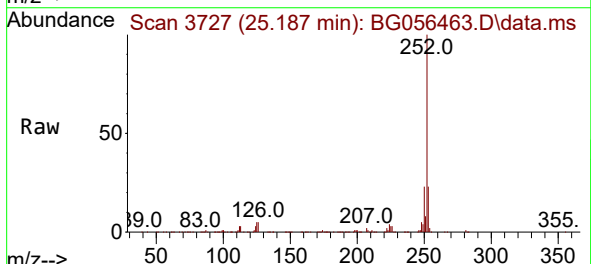
Instrument :
BNA_G
ClientSampleId :
PB150385BS

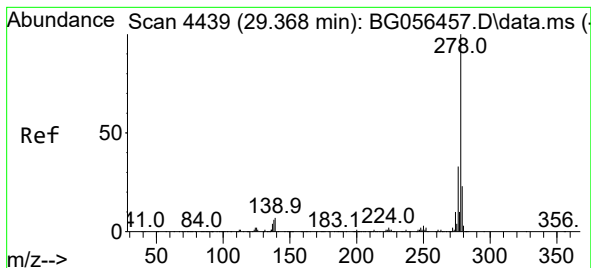
Tgt Ion:252 Resp: 768619
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 4.2 3.4 5.0



#90
Benzo(a)pyrene
Concen: 43.324 ng
RT: 25.187 min Scan# 3727
Delta R.T. -0.010 min
Lab File: BG056463.D
Acq: 27 Jan 2023 20:32

Tgt Ion:252 Resp: 696354
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 4.7 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 46.216 ng

RT: 29.352 min Scan# 4436

Delta R.T. -0.016 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

PB150385BS

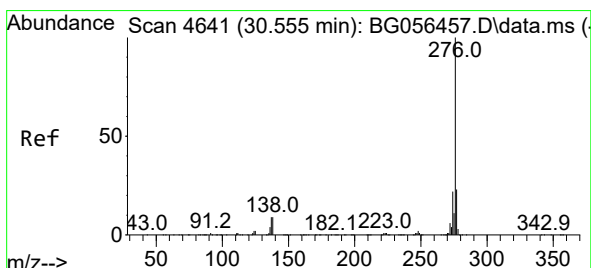
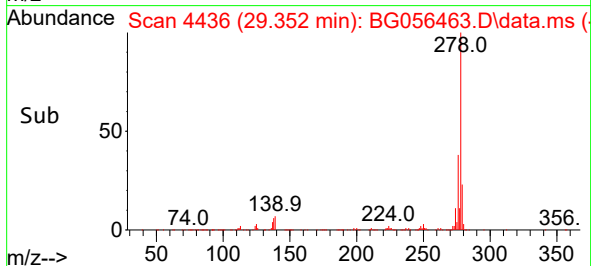
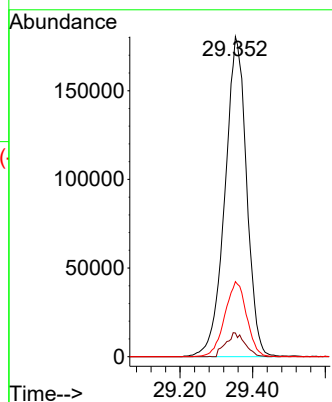
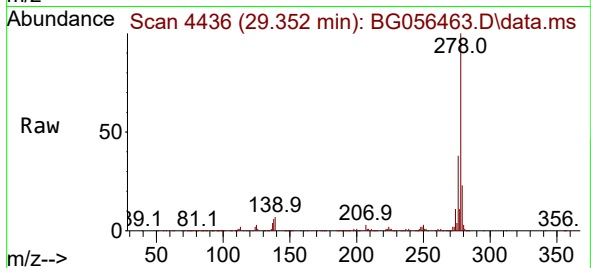
Tgt Ion:278 Resp: 746519

Ion Ratio Lower Upper

278 100

139 7.4 5.5 8.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.297 ng

RT: 30.539 min Scan# 4638

Delta R.T. -0.016 min

Lab File: BG056463.D

Acq: 27 Jan 2023 20:32

Tgt Ion:276 Resp: 721572

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 9.7 7.4 11.0

