

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056566.D
 Acq On : 7 Feb 2023 13:46
 Operator : CG/JU
 Sample : PB150708BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150708BS

Quant Time: Feb 08 03:05:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	30891	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	132386	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	114992	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	300860	20.000	ng	0.00
76) Chrysene-d12	21.919	240	275164	20.000	ng	0.00
86) Perylene-d12	25.345	264	288964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	271082	161.431	ng	0.00
7) Phenol-d6	7.418	99	386018	155.147	ng	0.00
23) Nitrobenzene-d5	9.446	82	196744	84.390	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	207579	135.784	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	696502	83.975	ng	0.00
79) Terphenyl-d14	20.203	244	1408976	89.935	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	21057	30.115	ng	# 91
3) Pyridine	4.005	79	61995	29.743	ng	95
4) n-Nitrosodimethylamine	3.911	42	17198	38.799	ng	93
6) Aniline	7.583	93	122756	37.683	ng	97
8) 2-Chlorophenol	7.830	128	94643	51.304	ng	99
9) Benzaldehyde	7.395	77	32195	25.336	ng	96
10) Phenol	7.448	94	132708	52.478	ng	98
11) bis(2-Chloroethyl)ether	7.671	93	76960	44.276	ng	95
12) 1,3-Dichlorobenzene	8.153	146	97210	45.768	ng	96
13) 1,4-Dichlorobenzene	8.306	146	97364	45.265	ng	98
14) 1,2-Dichlorobenzene	8.629	146	97556	46.746	ng	98
15) Benzyl Alcohol	8.505	79	83924	49.162	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.793	45	17046	46.284	ng	96
17) 2-Methylphenol	8.711	107	94269	49.000	ng	98
18) Hexachloroethane	9.363	117	29316	45.062	ng	98
19) n-Nitroso-di-n-propyla...	9.069	70	64374	44.896	ng	99
20) 3+4-Methylphenols	9.040	107	130502	48.404	ng	96
22) Acetophenone	9.099	105	148168	42.123	ng	# 98
24) Nitrobenzene	9.493	77	96249	42.801	ng	97
25) Isophorone	10.010	82	198048	41.177	ng	98
26) 2-Nitrophenol	10.209	139	60232	44.145	ng	98
27) 2,4-Dimethylphenol	10.250	122	108360	47.455	ng	95
28) bis(2-Chloroethoxy)met...	10.485	93	113474	42.708	ng	95
29) 2,4-Dichlorophenol	10.750	162	122645	47.717	ng	99
30) 1,2,4-Trichlorobenzene	10.961	180	124092	43.446	ng	97
31) Naphthalene	11.155	128	297751	42.613	ng	99
32) Benzoic acid	10.415	122	54466	42.634	ng	92
33) 4-Chloroaniline	11.261	127	112909	34.617	ng	99
34) Hexachlorobutadiene	11.426	225	85106	42.449	ng	97
35) Caprolactam	12.031	113	20397	23.530	ng	97
36) 4-Chloro-3-methylphenol	12.366	107	119712	48.229	ng	96
37) 2-Methylnaphthalene	12.736	142	242312	42.064	ng	99
38) 1-Methylnaphthalene	12.953	142	230633	42.869	ng	91
40) 1,2,4,5-Tetrachloroben...	13.100	216	174801	41.609	ng	99
41) Hexachlorocyclopentadiene	13.071	237	143653	65.739	ng	97
43) 2,4,6-Trichlorophenol	13.335	196	121708	44.956	ng	97

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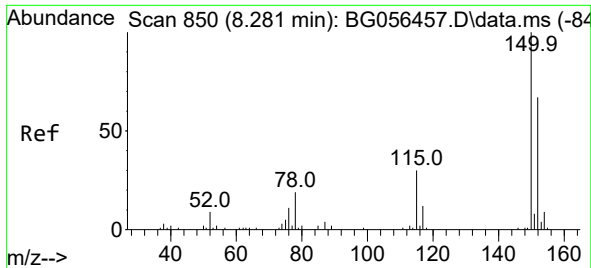
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	134221	42.345	ng	99
46) 1,1'-Biphenyl	13.729	154	358344	42.964	ng	99
47) 2-Chloronaphthalene	13.776	162	286094	43.884	ng	100
48) 2-Nitroaniline	13.976	65	60156	44.636	ng	97
49) Acenaphthylene	14.622	152	453570	42.762	ng	99
50) Dimethylphthalate	14.334	163	400110	43.008	ng	100
51) 2,6-Dinitrotoluene	14.463	165	88610	43.676	ng	99
52) Acenaphthene	14.957	154	269135	42.788	ng	99
53) 3-Nitroaniline	14.798	138	69635	35.404	ng	94
54) 2,4-Dinitrophenol	15.010	184	122105	96.002	ng	97
55) Dibenzofuran	15.286	168	485149	43.009	ng	100
56) 4-Nitrophenol	15.109	139	121499	90.404	ng	95
57) 2,4-Dinitrotoluene	15.250	165	127177	44.503	ng	99
58) Fluorene	15.932	166	393287	43.816	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.515	232	128303	45.525	ng	97
60) Diethylphthalate	15.679	149	376936	43.148	ng	99
61) 4-Chlorophenyl-phenylether	15.909	204	238799	43.600	ng	97
62) 4-Nitroaniline	15.956	138	83085	42.216	ng	97
63) Azobenzene	16.208	77	264681	44.033	ng	98
65) 4,6-Dinitro-2-methylph...	16.014	198	89442	42.285	ng	97
66) n-Nitrosodiphenylamine	16.126	169	366382	43.012	ng	99
67) 4-Bromophenyl-phenylether	16.807	248	162342	42.150	ng	97
68) Hexachlorobenzene	16.937	284	171991	45.593	ng	99
69) Atrazine	17.066	200	156134	47.512	ng	96
70) Pentachlorophenol	17.283	266	173038	75.809	ng	97
71) Phenanthrene	17.671	178	679395	43.146	ng	99
72) Anthracene	17.765	178	686086	42.445	ng	98
73) Carbazole	18.030	167	598733	43.491	ng	100
74) Di-n-butylphthalate	18.552	149	618822	42.810	ng	100
75) Fluoranthene	19.663	202	828105	41.668	ng	99
77) Benzidine	19.833	184	262115	35.201	ng	99
78) Pyrene	20.027	202	844761	43.166	ng	99
80) Butylbenzylphthalate	20.879	149	252647	42.271	ng	99
81) Benzo(a)anthracene	21.902	228	820445	42.649	ng	99
82) 3,3'-Dichlorobenzidine	21.802	252	219296	31.656	ng	97
83) Chrysene	21.972	228	763258	42.232	ng	100
84) Bis(2-ethylhexyl)phtha...	21.755	149	355810	41.523	ng	100
85) Di-n-octyl phthalate	23.024	149	606777	42.520	ng	100
87) Indeno(1,2,3-cd)pyrene	29.293	276	957976	45.289	ng	# 95
88) Benzo(b)fluoranthene	24.252	252	861087	48.010	ng	100
89) Benzo(k)fluoranthene	24.322	252	826373	45.634	ng	100
90) Benzo(a)pyrene	25.186	252	752204	42.575	ng	97
91) Dibenzo(a,h)anthracene	29.346	278	816611	45.992	ng	98
92) Benzo(g,h,i)perylene	30.533	276	783378	45.726	ng	99

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

PB150708BS

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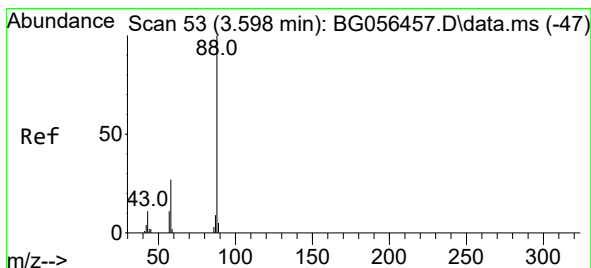
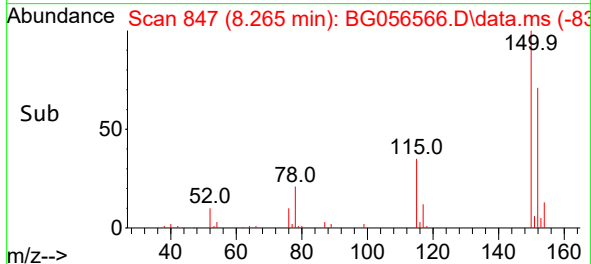
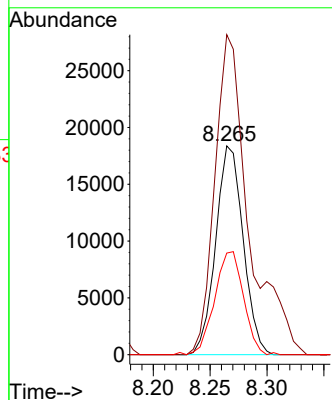
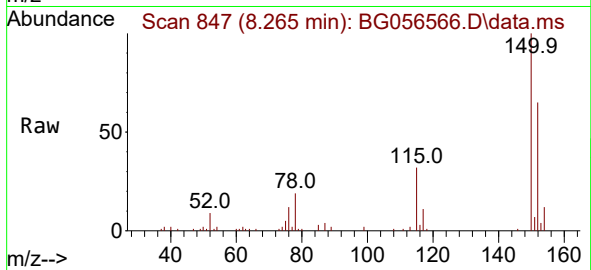




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.265 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BG056566.D
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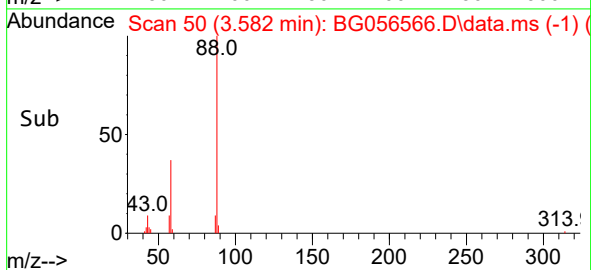
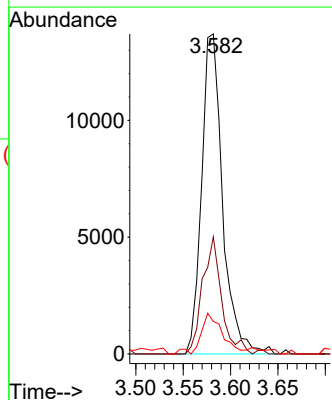
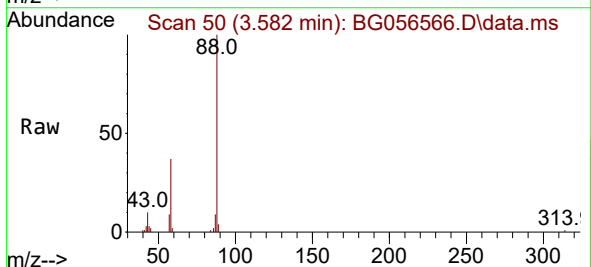
Instrument :
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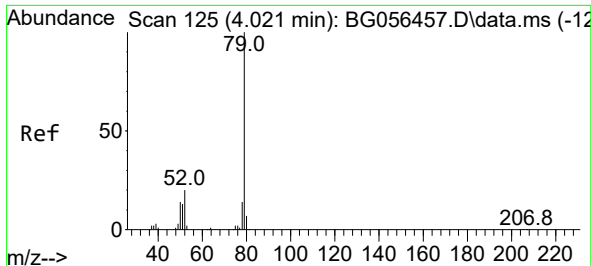
Tgt Ion:152 Resp: 30891
 Ion Ratio Lower Upper
 152 100
 150 153.3 120.2 180.4
 115 48.7 36.3 54.5



#2
 1,4-Dioxane
 Concen: 30.115 ng
 RT: 3.582 min Scan# 50
 Delta R.T. -0.005 min
 Lab File: BG056566.D
 Acq: 7 Feb 2023 13:46

Tgt Ion: 88 Resp: 21057
 Ion Ratio Lower Upper
 88 100
 58 33.2 23.0 34.4
 43 13.2 8.0 12.0#

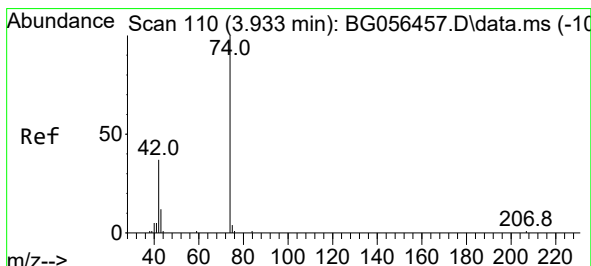
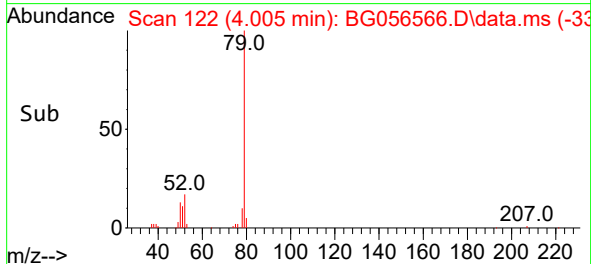
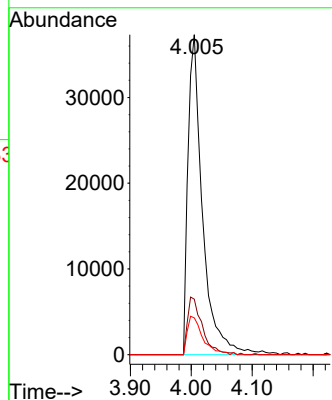
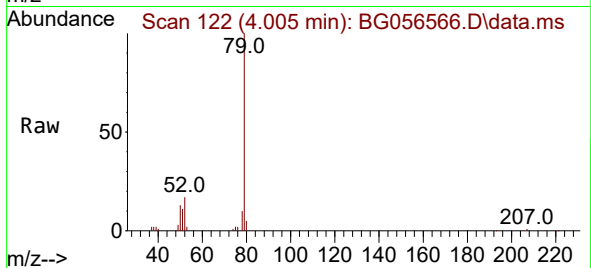




#3
Pyridine
Concen: 29.743 ng
RT: 4.005 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

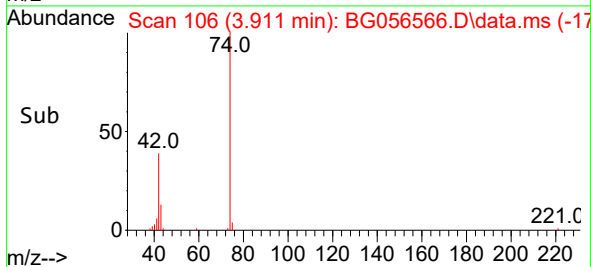
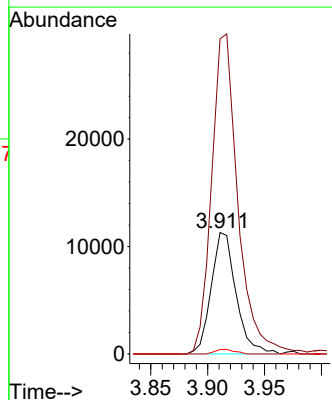
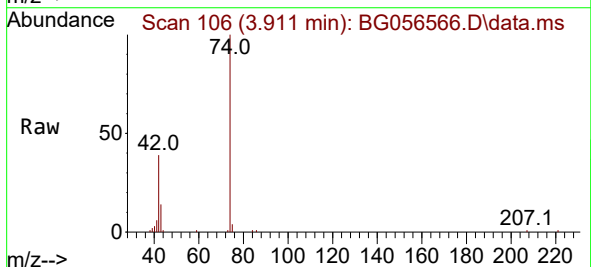
Instrument :
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ClientSampleId :
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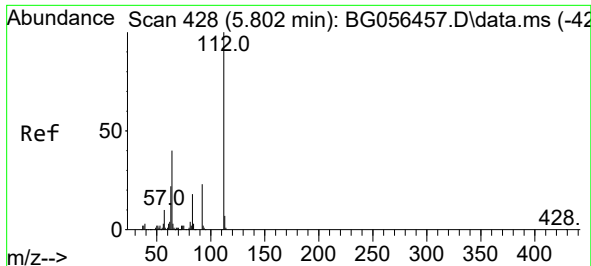
Tgt Ion: 79 Resp: 61995
Ion Ratio Lower Upper
79 100
52 17.3 16.1 24.1
51 11.5 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 38.799 ng
RT: 3.911 min Scan# 106
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion: 42 Resp: 17198
Ion Ratio Lower Upper
42 100
74 259.5 217.9 326.9
44 3.7 3.0 4.6

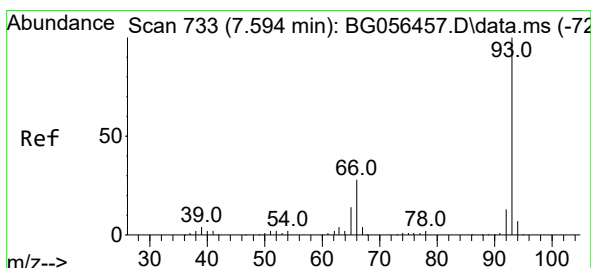
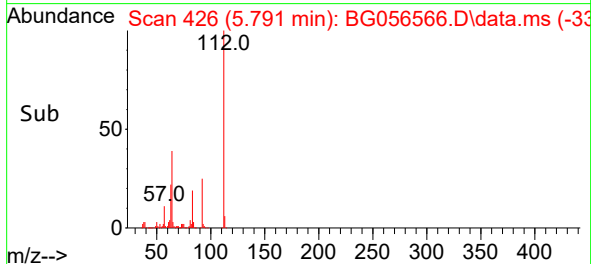
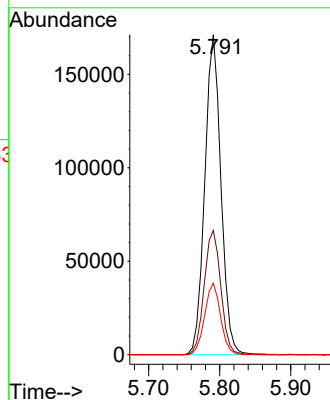
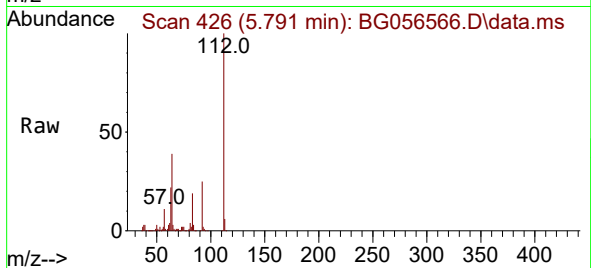




#5
2-Fluorophenol
Concen: 161.431 ng
RT: 5.791 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

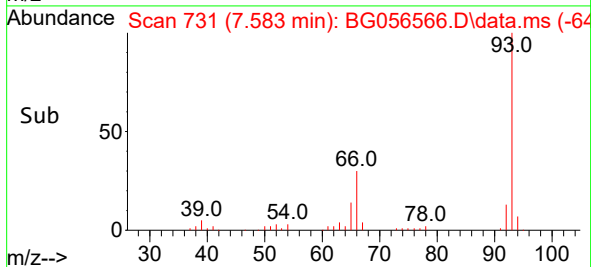
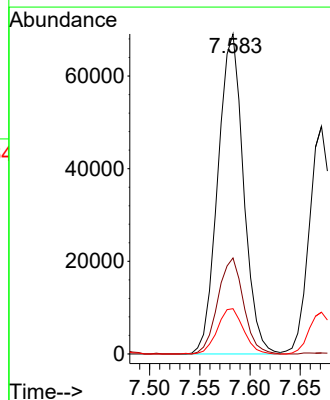
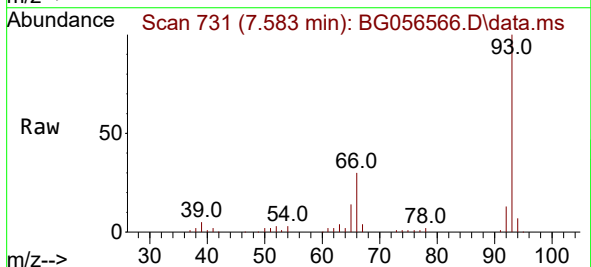
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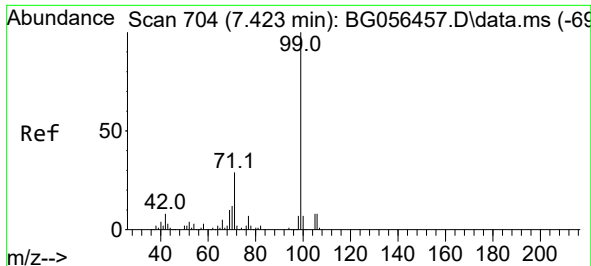
Tgt Ion:112 Resp: 271082
Ion Ratio Lower Upper
112 100
64 38.8 31.9 47.9
63 22.3 17.4 26.0



#6
Aniline
Concen: 37.683 ng
RT: 7.583 min Scan# 731
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion: 93 Resp: 122756
Ion Ratio Lower Upper
93 100
66 30.0 22.2 33.2
65 14.1 11.3 16.9

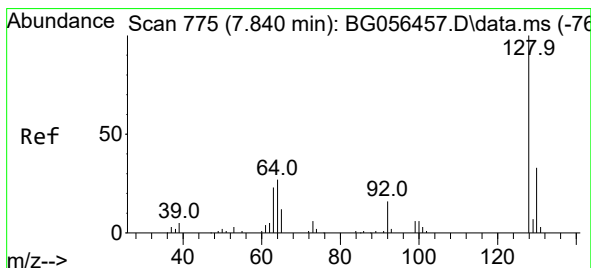
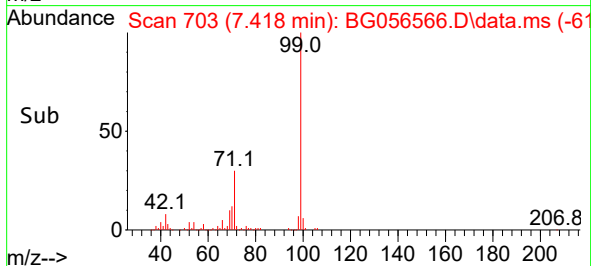
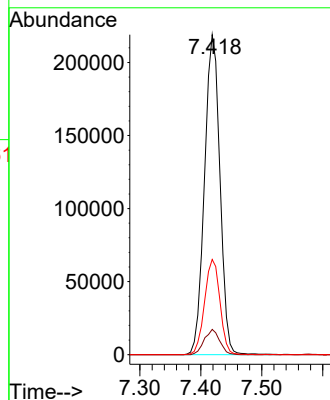
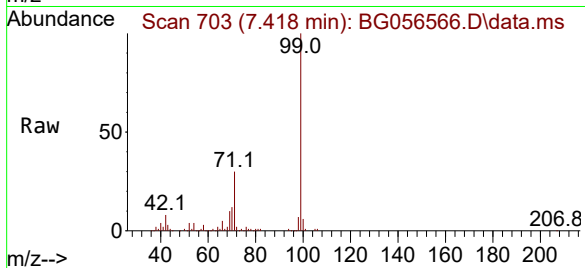




#7
Phenol-d6
Concen: 155.147 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

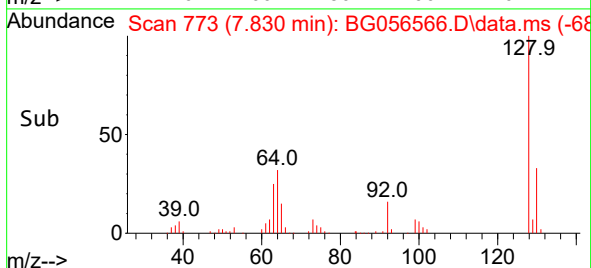
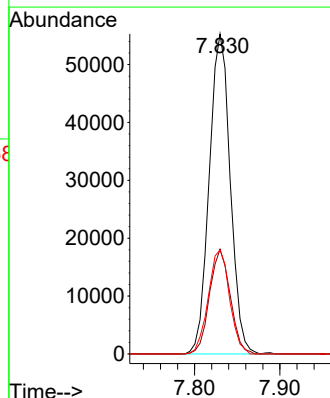
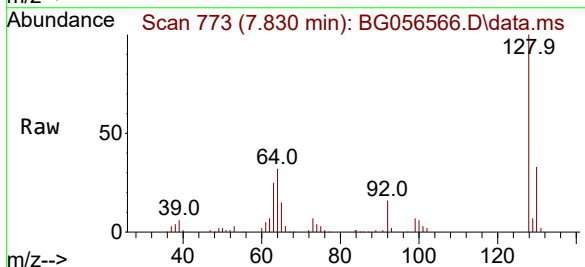
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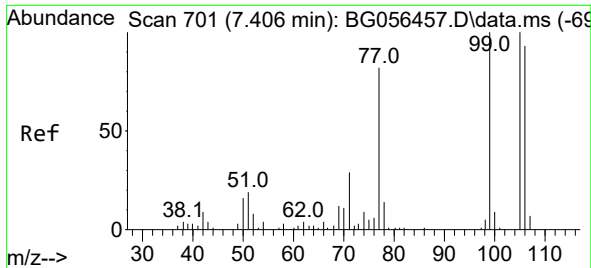
Tgt Ion: 99 Resp: 386018
Ion Ratio Lower Upper
99 100
42 7.9 6.6 10.0
71 29.7 23.4 35.0



#8
2-Chlorophenol
Concen: 51.304 ng
RT: 7.830 min Scan# 773
Delta R.T. 0.001 min
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Acq: 7 Feb 2023 13:46

Tgt Ion: 128 Resp: 94643
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 32.5 11.3 51.3

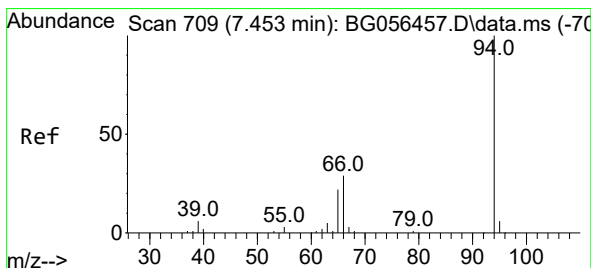
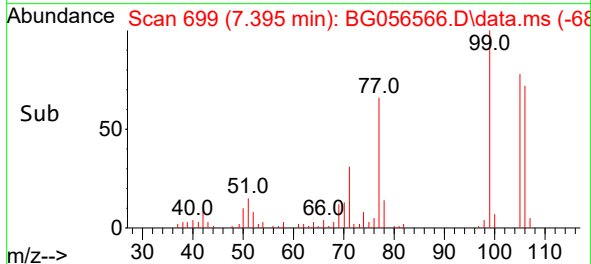
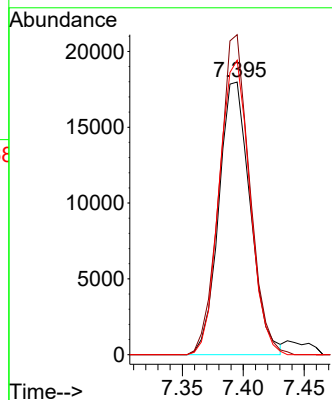
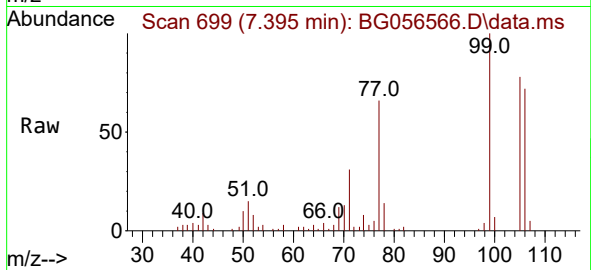




#9
Benzaldehyde
Concen: 25.336 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

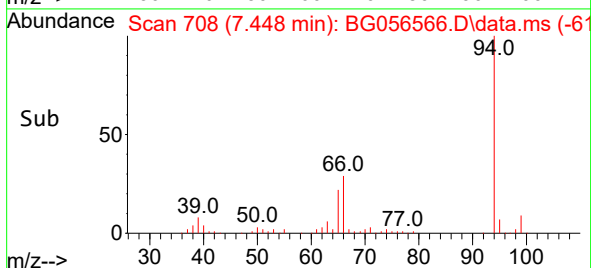
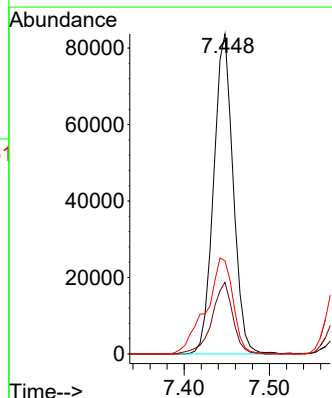
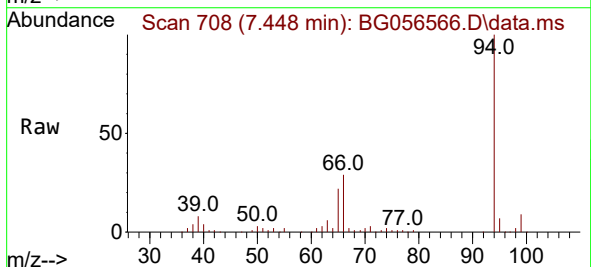
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ClientSampleId :
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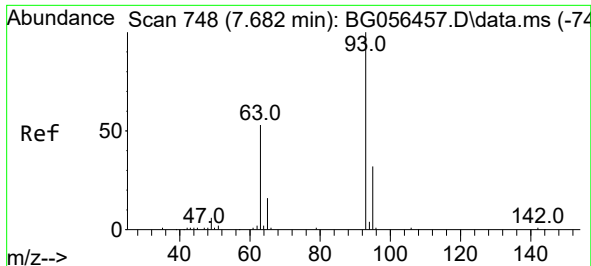
Tgt Ion: 77 Resp: 32195
Ion Ratio Lower Upper
77 100
105 117.4 101.8 141.8
106 108.0 93.0 133.0



#10
Phenol
Concen: 52.478 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.007 min
Lab File: BG056566.D
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Tgt Ion: 94 Resp: 132708
Ion Ratio Lower Upper
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65 22.4 2.3 42.3
66 29.1 11.2 51.2

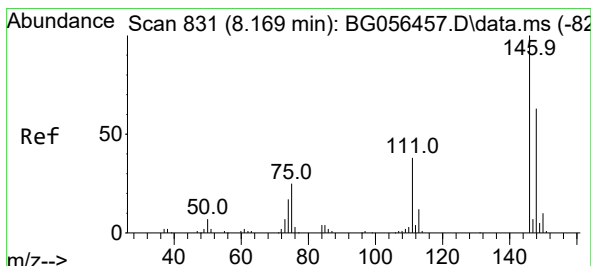
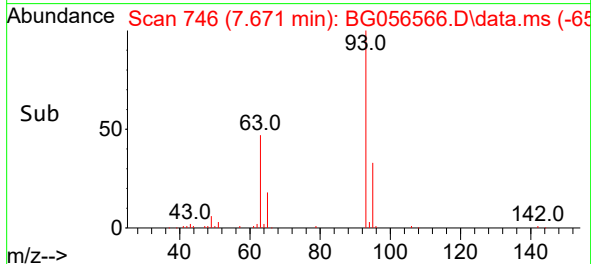
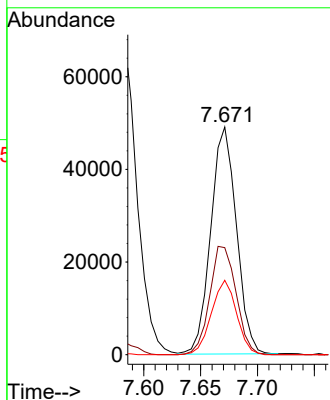
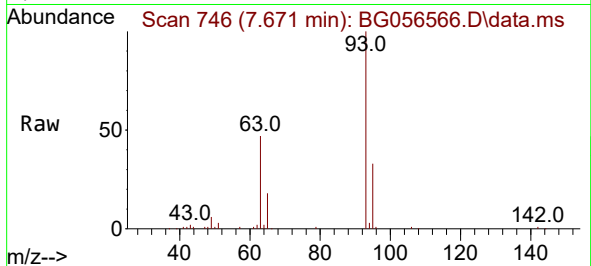




#11
bis(2-Chloroethyl)ether
Concen: 44.276 ng
RT: 7.671 min Scan# 74
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

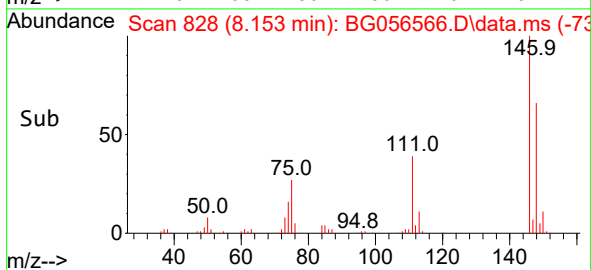
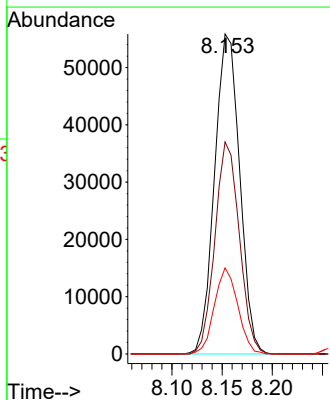
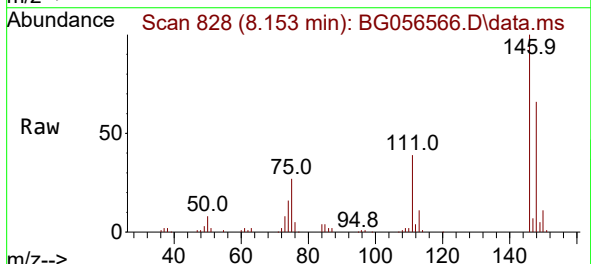
Instrument :
BNA_G
ClientSampleId :
PB150708BS

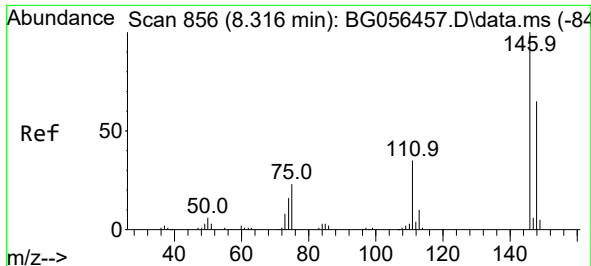
Tgt Ion: 93 Resp: 76960
Ion Ratio Lower Upper
93 100
63 47.0 32.4 72.4
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 45.768 ng
RT: 8.153 min Scan# 828
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:146 Resp: 97210
Ion Ratio Lower Upper
146 100
148 66.3 50.6 75.8
75 26.9 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 45.265 ng

RT: 8.306 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

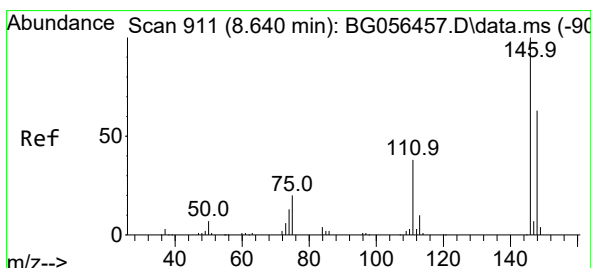
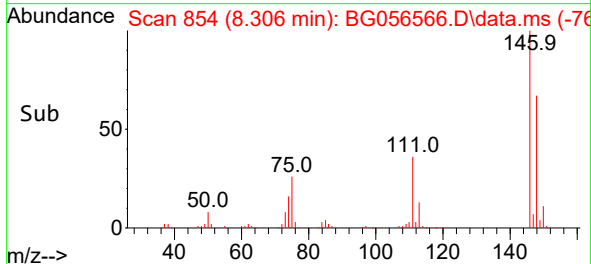
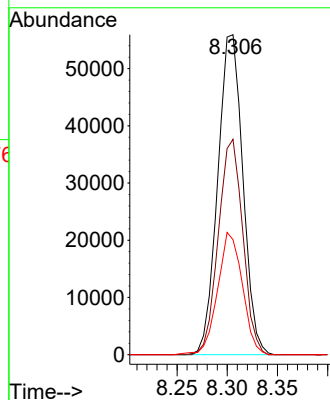
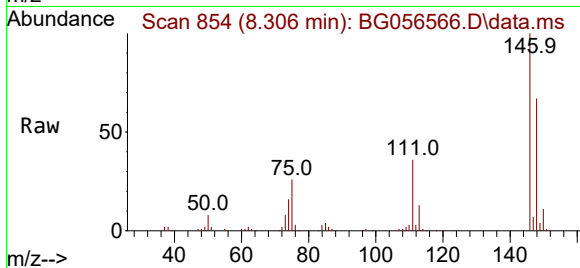
Tgt Ion:146 Resp: 97364

Ion Ratio Lower Upper

146 100

148 67.3 51.8 77.6

111 35.9 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 46.746 ng

RT: 8.629 min Scan# 909

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

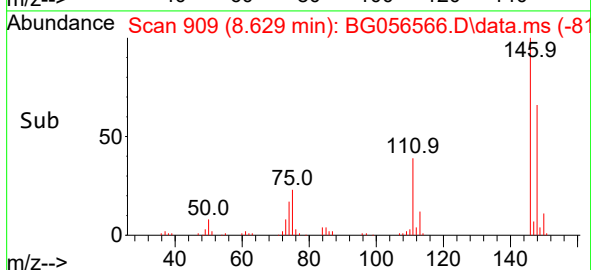
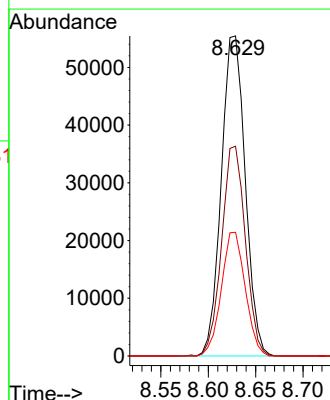
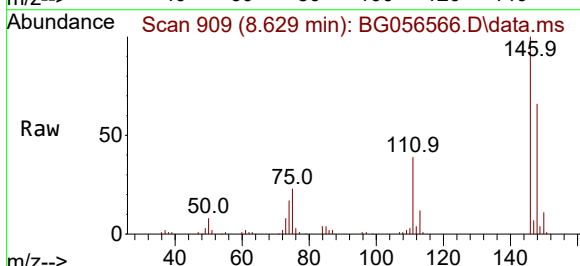
Tgt Ion:146 Resp: 97556

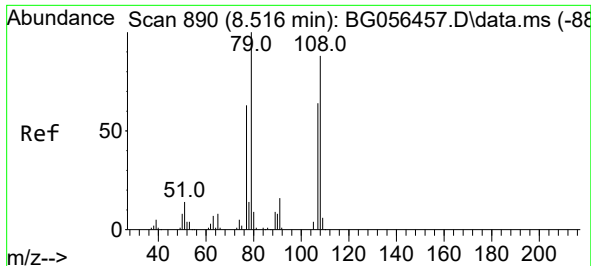
Ion Ratio Lower Upper

146 100

148 65.6 50.1 75.1

111 38.6 30.9 46.3





#15

Benzyl Alcohol

Concen: 49.162 ng

RT: 8.505 min Scan# 890

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

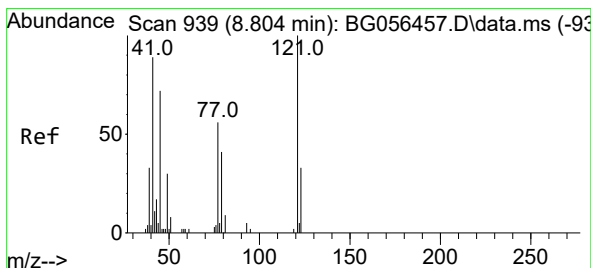
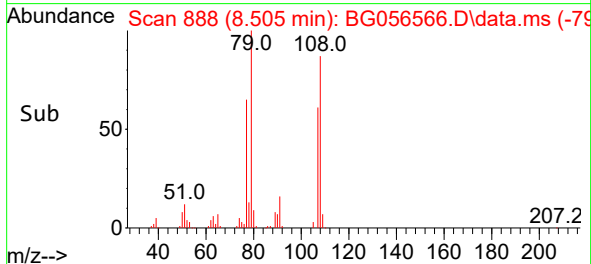
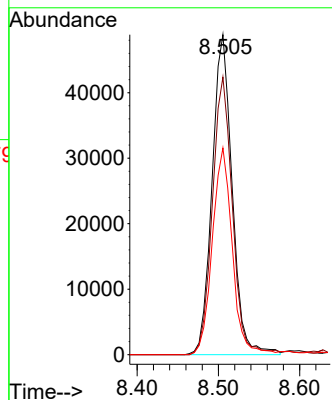
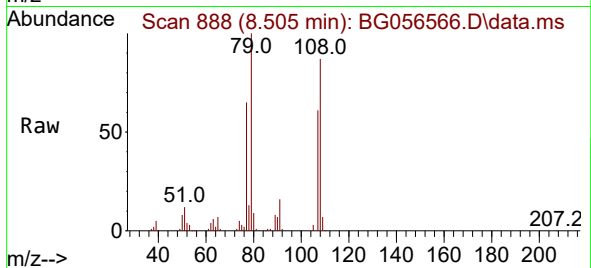
Tgt Ion: 79 Resp: 83924

Ion Ratio Lower Upper

79 100

108 86.7 70.1 105.1

77 64.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.284 ng

RT: 8.793 min Scan# 937

Delta R.T. 0.013 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

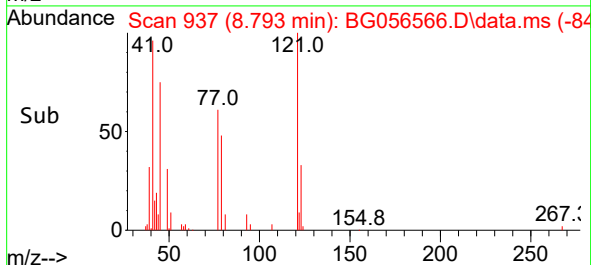
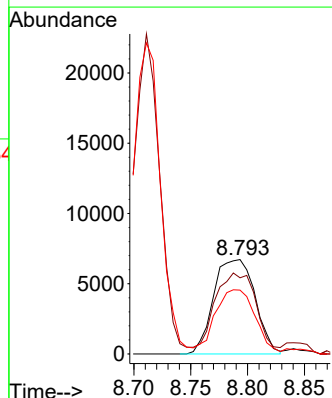
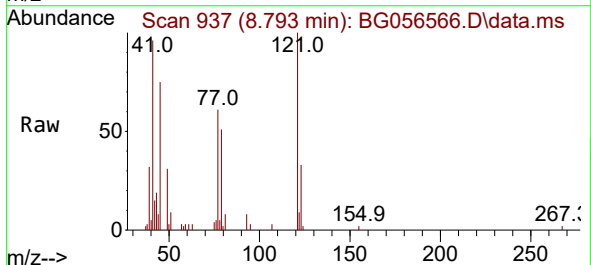
Tgt Ion: 45 Resp: 17046

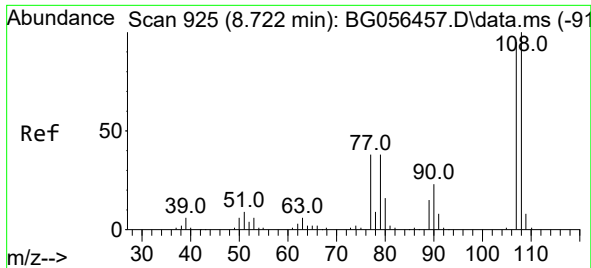
Ion Ratio Lower Upper

45 100

77 80.7 62.1 102.1

79 67.6 42.7 82.7

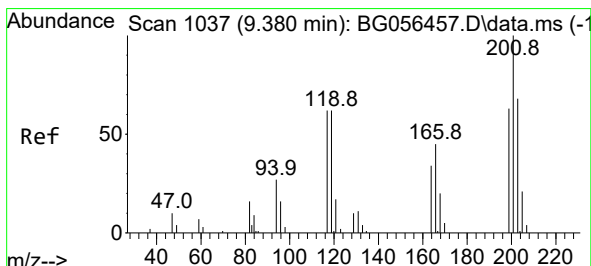
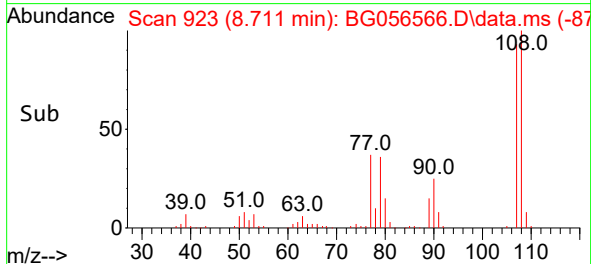
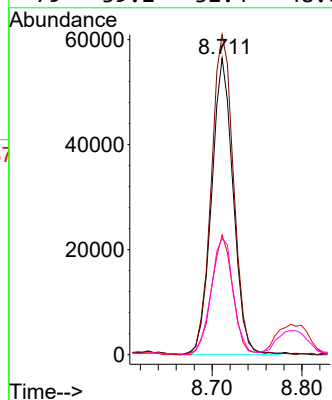
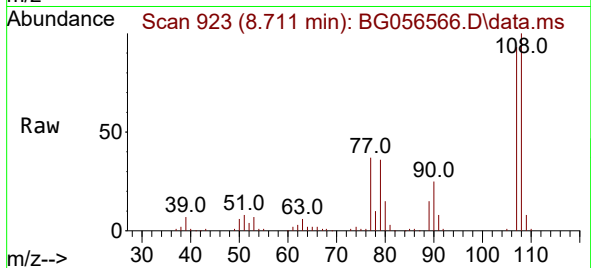




#17
2-Methylphenol
Concen: 49.000 ng
RT: 8.711 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

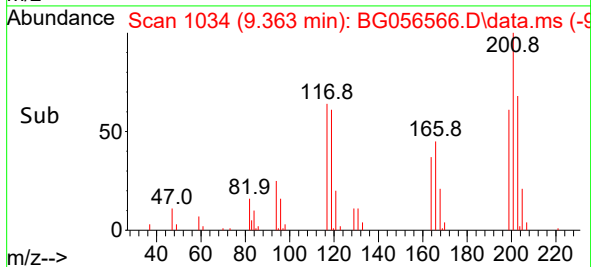
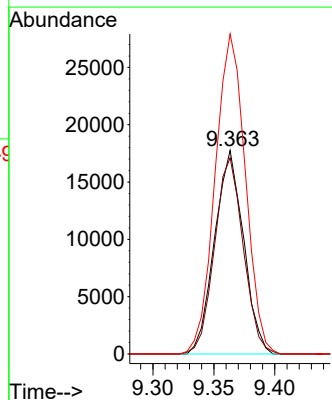
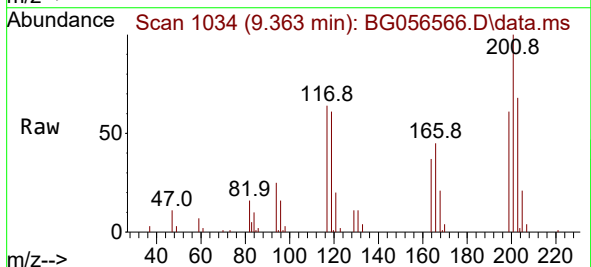
Instrument :
BNA_G
ClientSampleId :
PB150708BS

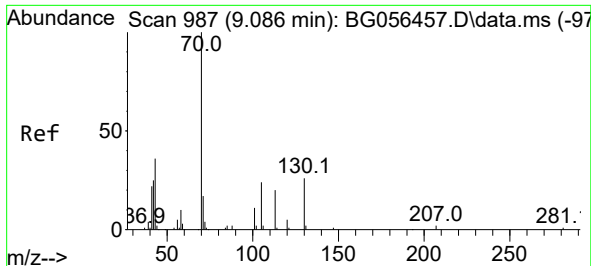
Tgt Ion:	107	Resp:	94269
Ion	Ratio	Lower	Upper
107	100		
108	107.9	83.9	125.9
77	40.3	31.6	47.4
79	39.2	32.4	48.6



#18
Hexachloroethane
Concen: 45.062 ng
RT: 9.363 min Scan# 1034
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:	117	Resp:	29316
Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.4	119.0
201	157.3	128.5	192.7

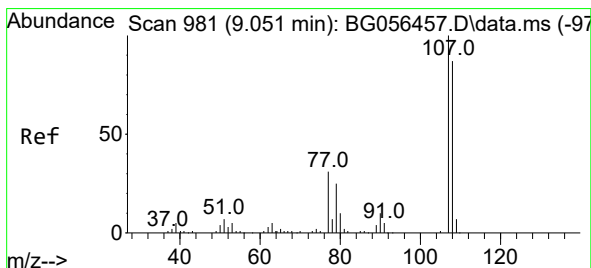
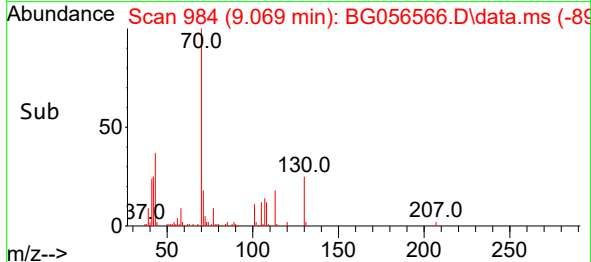
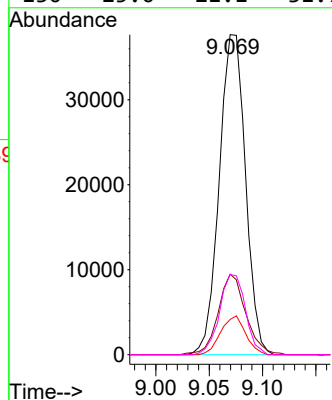
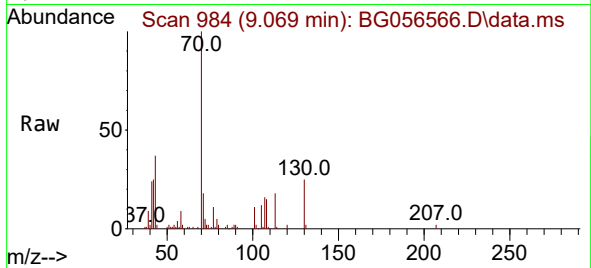




#19
n-Nitroso-di-n-propylamine
Concen: 44.896 ng
RT: 9.069 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

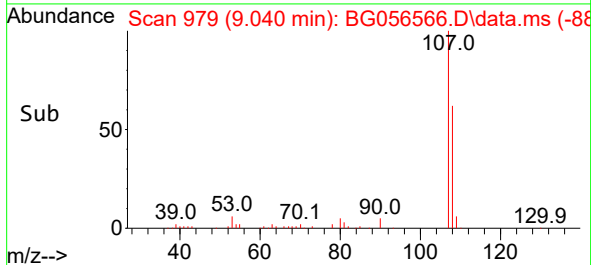
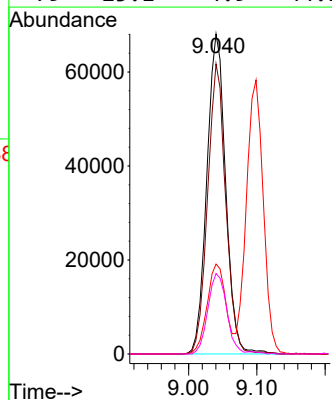
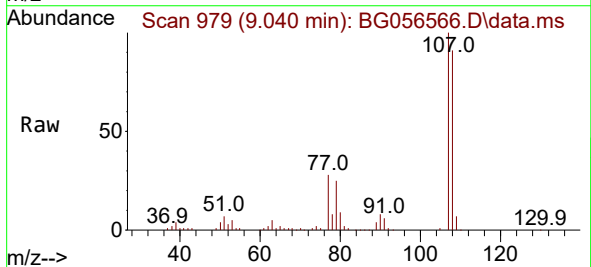
Instrument :
BNA_G
ClientSampleId :
PB150708BS

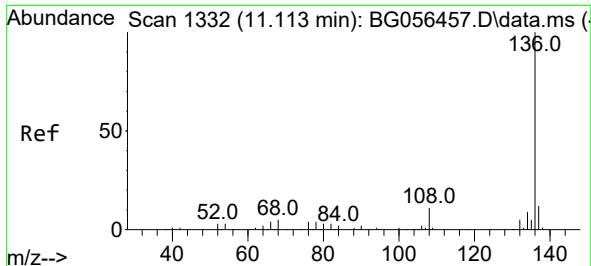
Tgt Ion: 70 Resp: 64374
Ion Ratio Lower Upper
70 100
42 25.2 20.2 30.4
101 11.0 9.1 13.7
130 25.0 21.1 31.7



#20
3+4-Methylphenols
Concen: 48.404 ng
RT: 9.040 min Scan# 979
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion: 107 Resp: 130502
Ion Ratio Lower Upper
107 100
108 90.7 66.7 106.7
77 28.1 10.6 50.6
79 25.1 4.9 44.9

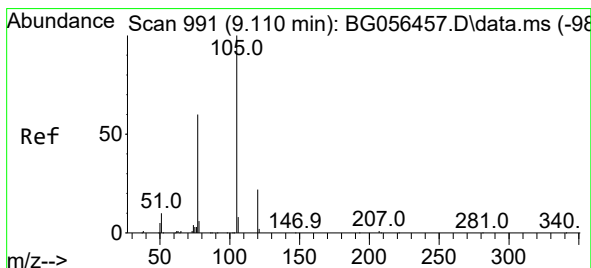
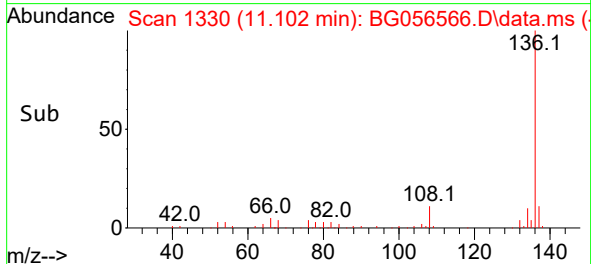
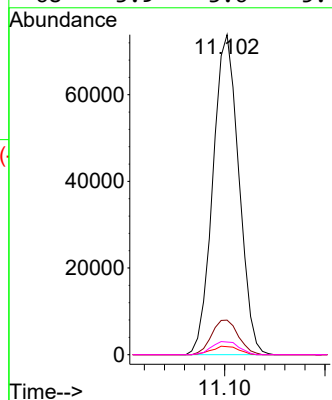
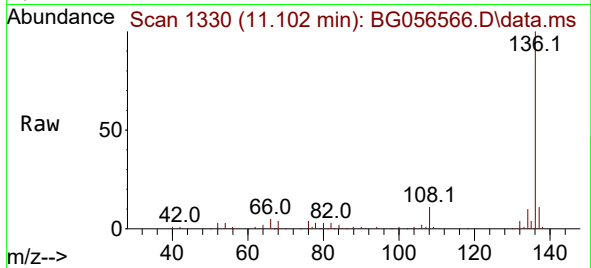




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

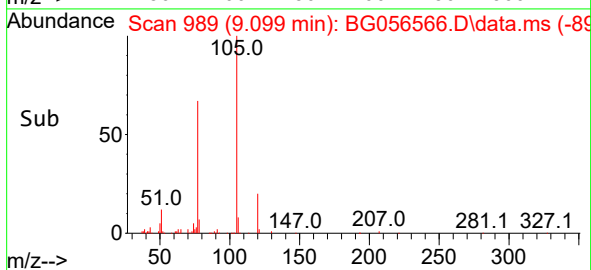
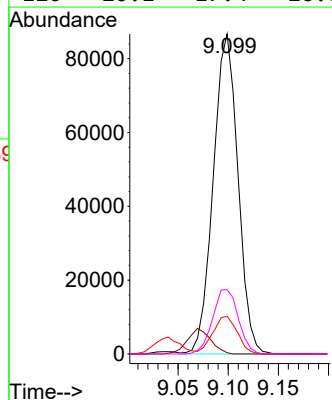
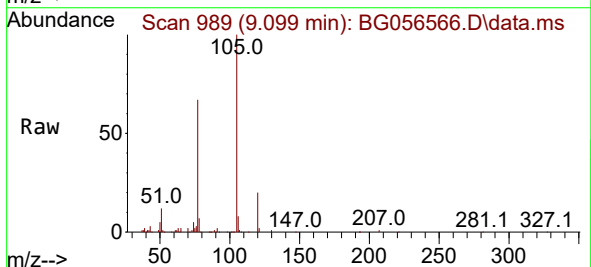
Instrument :
BNA_G
ClientSampleId :
PB150708BS

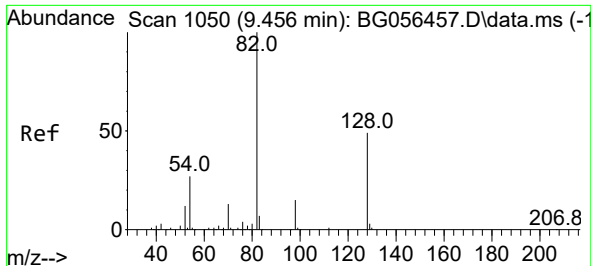
Tgt Ion:136 Resp: 132386
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.5 2.2 3.4
68 3.9 3.6 5.4



#22
Acetophenone
Concen: 42.123 ng
RT: 9.099 min Scan# 989
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:105 Resp: 148168
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8#
51 11.8 9.2 13.8
120 20.1 17.4 26.0

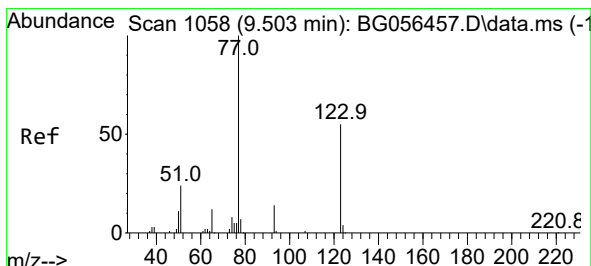
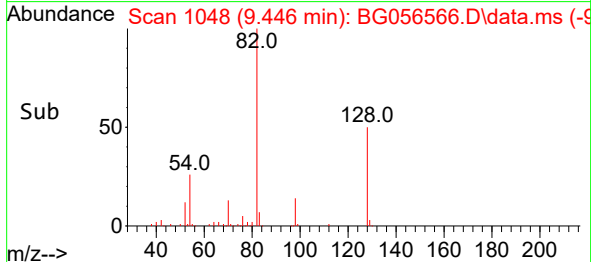
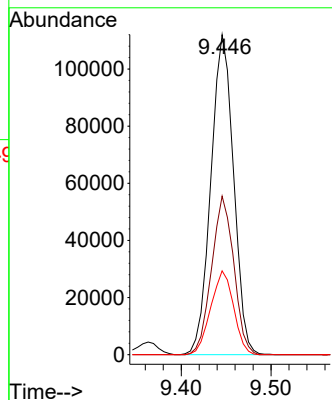
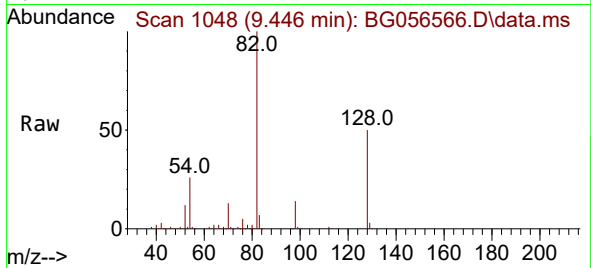




#23
Nitrobenzene-d5
Concen: 84.390 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

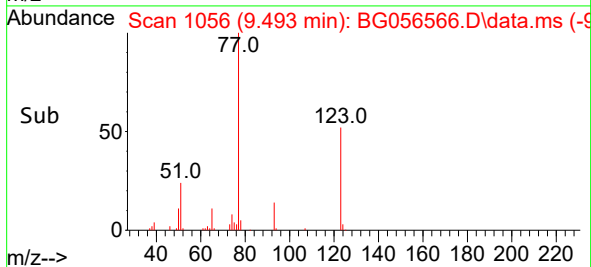
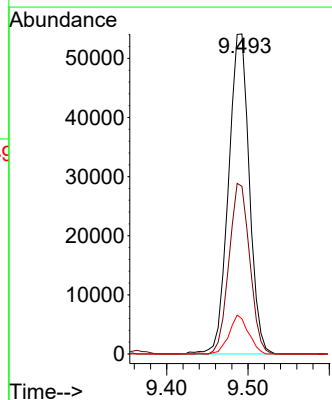
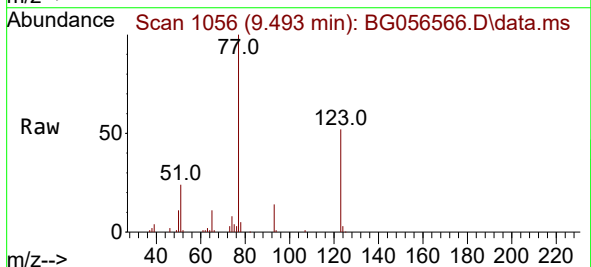
Instrument :
BNA_G
ClientSampleId :
PB150708BS

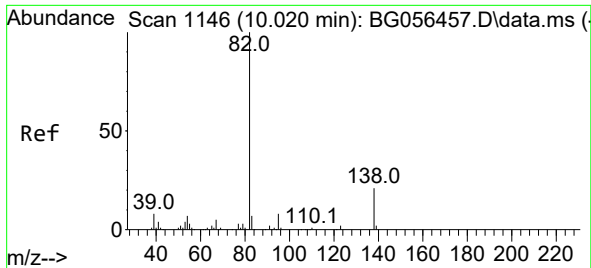
Tgt Ion: 82 Resp: 196744
Ion Ratio Lower Upper
82 100
128 49.6 39.4 59.2
54 26.2 21.4 32.2



#24
Nitrobenzene
Concen: 42.801 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion: 77 Resp: 96249
Ion Ratio Lower Upper
77 100
123 52.4 44.0 66.0
65 11.0 9.7 14.5

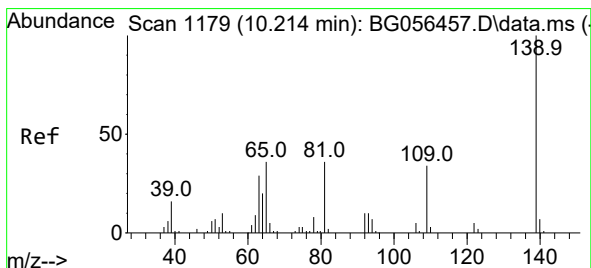
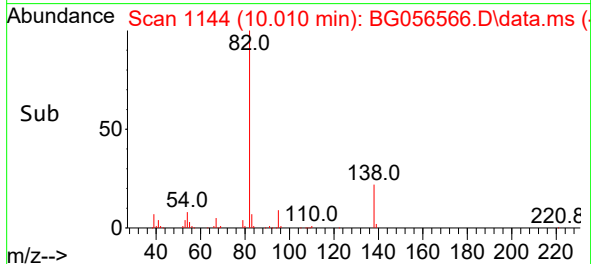
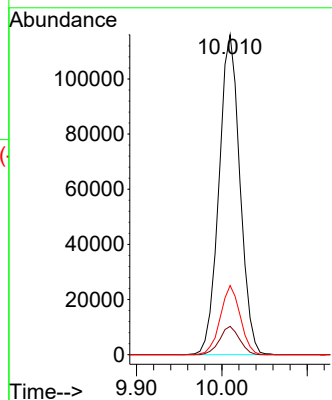
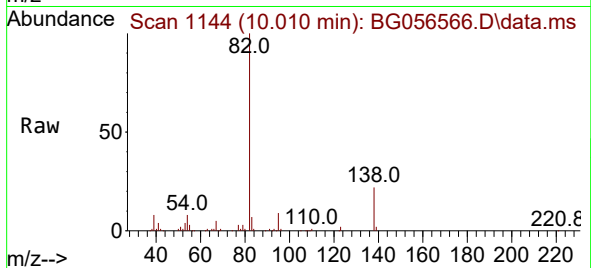




#25
Isophorone
Concen: 41.177 ng
RT: 10.010 min Scan# 1146
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

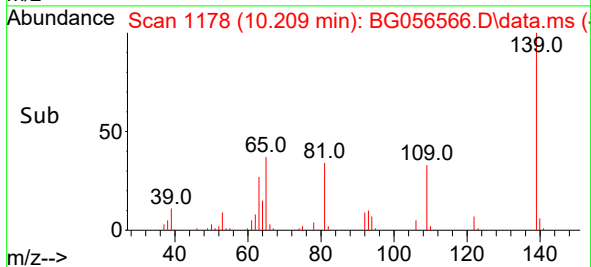
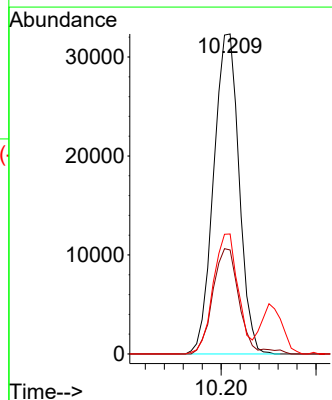
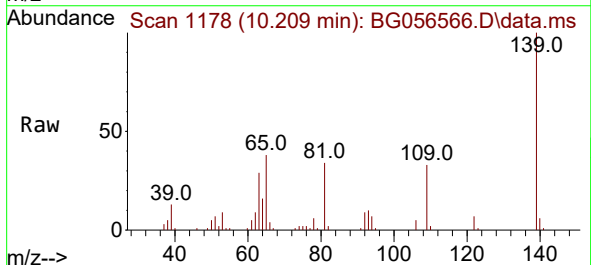
Instrument :
BNA_G
ClientSampleId :
PB150708BS

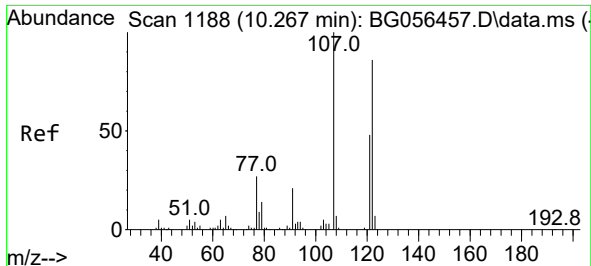
Tgt Ion: 82 Resp: 198048
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 21.6 16.6 25.0



#26
2-Nitrophenol
Concen: 44.145 ng
RT: 10.209 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:139 Resp: 60232
Ion Ratio Lower Upper
139 100
109 32.5 26.9 40.3
65 37.5 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 47.455 ng

RT: 10.250 min Scan# 1185

Delta R.T. -0.005 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

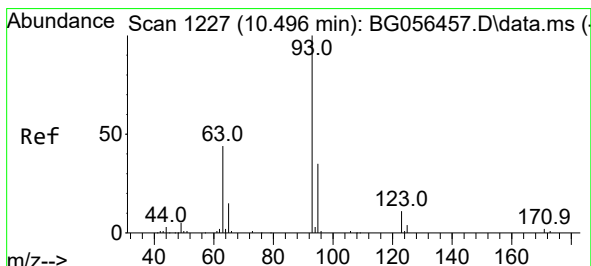
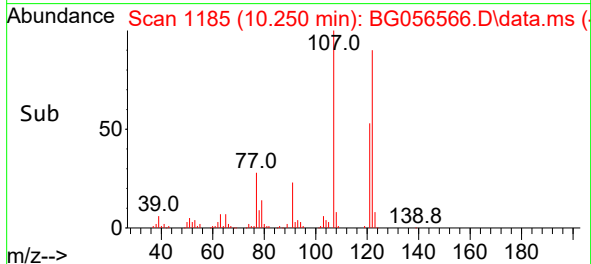
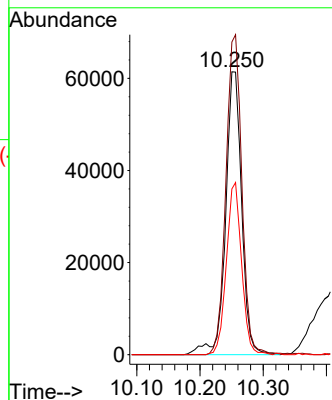
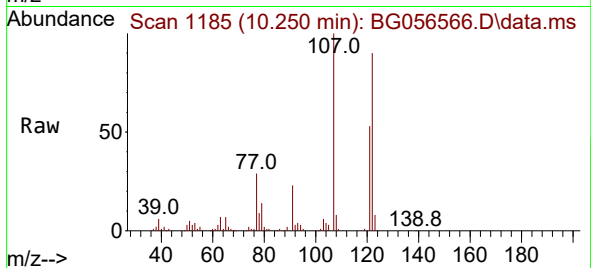
Tgt Ion:122 Resp: 108360

Ion Ratio Lower Upper

122 100

107 110.5 92.9 139.3

121 58.6 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.708 ng

RT: 10.485 min Scan# 1225

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

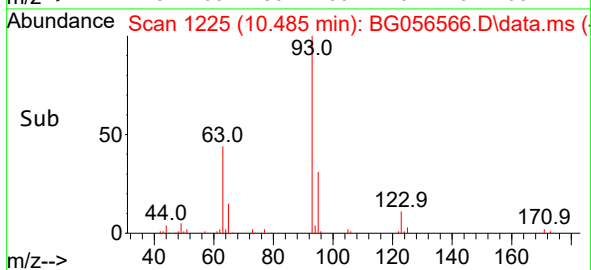
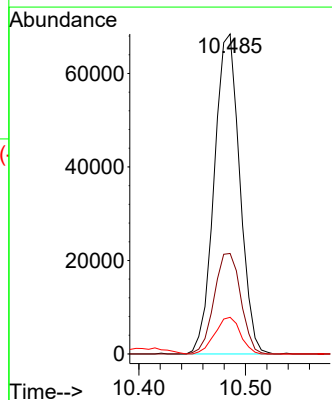
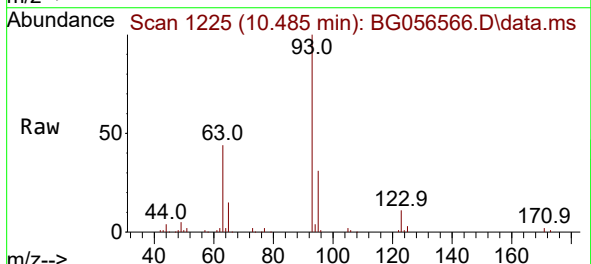
Tgt Ion: 93 Resp: 113474

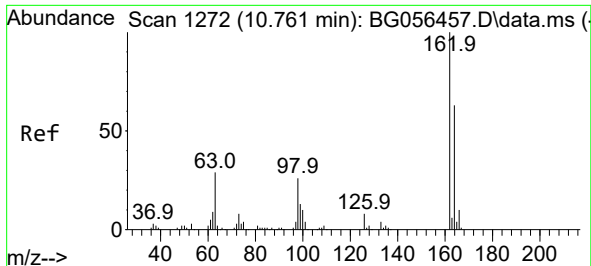
Ion Ratio Lower Upper

93 100

95 31.4 27.9 41.9

123 11.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.717 ng

RT: 10.750 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

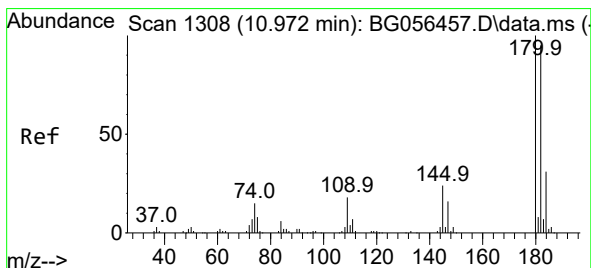
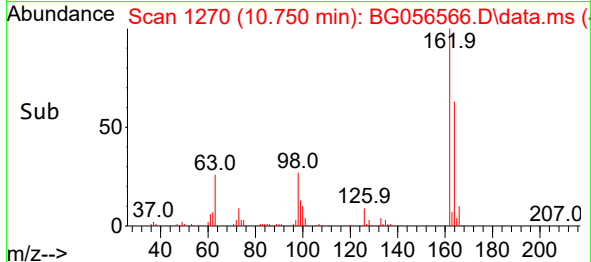
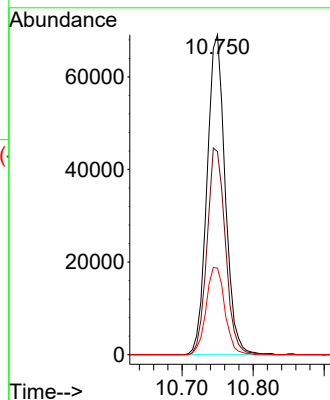
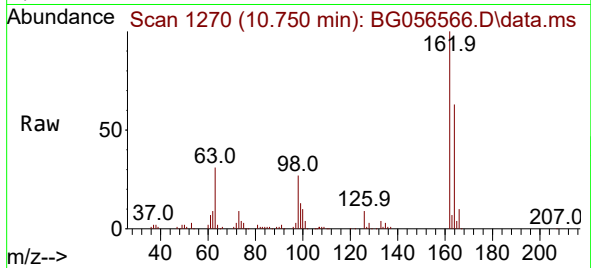
Tgt Ion:162 Resp: 122645

Ion Ratio Lower Upper

162 100

164 63.4 42.8 82.8

98 27.0 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 43.446 ng

RT: 10.961 min Scan# 1306

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

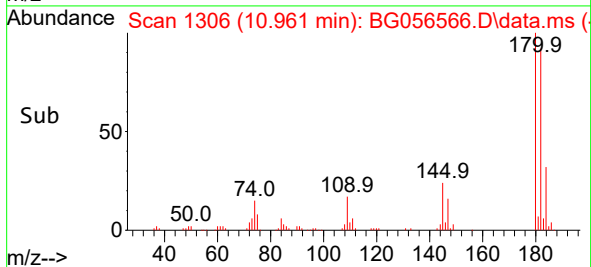
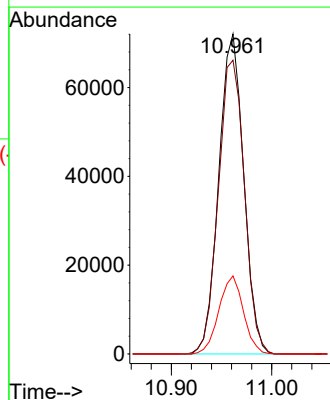
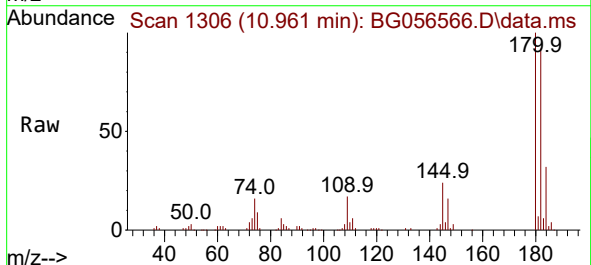
Tgt Ion:180 Resp: 124092

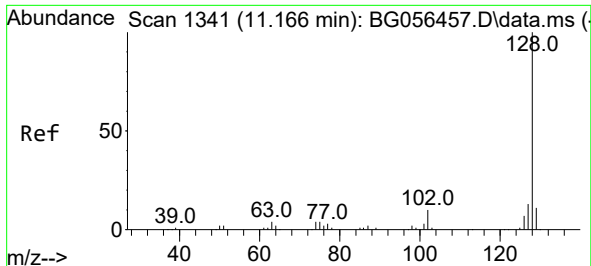
Ion Ratio Lower Upper

180 100

182 91.8 75.9 113.9

145 24.4 19.4 29.0

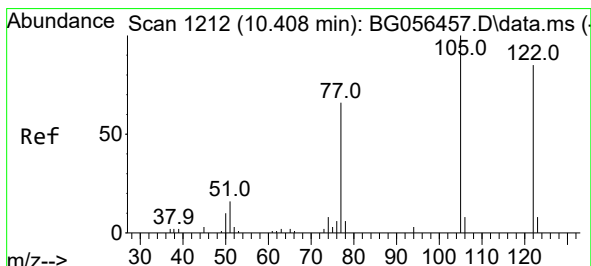
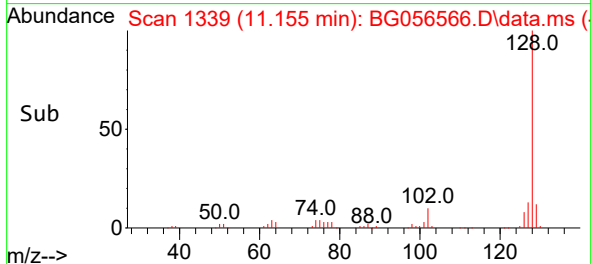
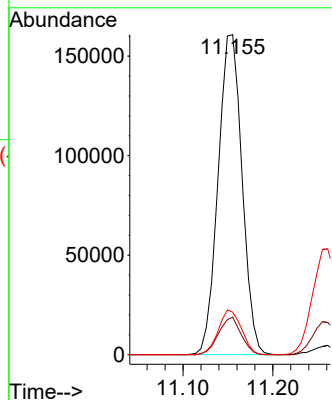
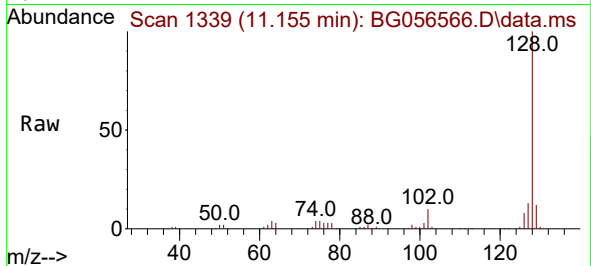




#31
Naphthalene
Concen: 42.613 ng
RT: 11.155 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

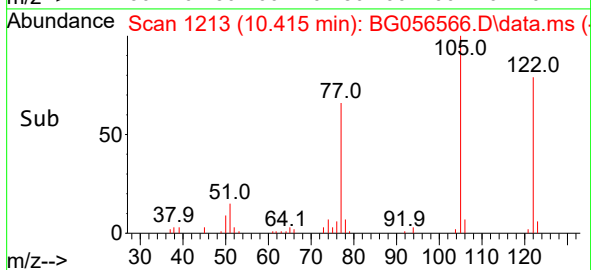
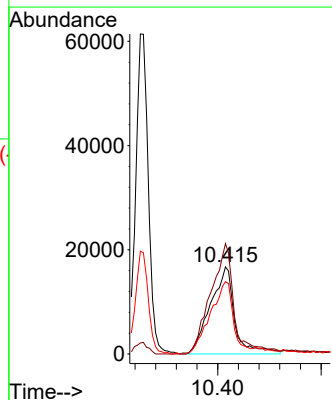
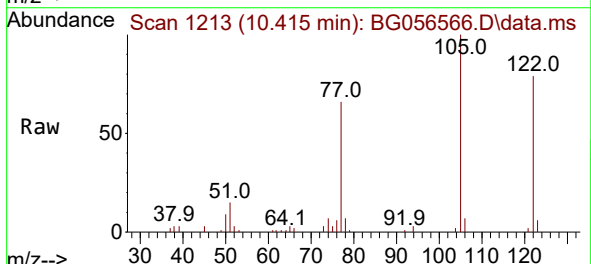
Instrument :
BNA_G
ClientSampleId :
PB150708BS

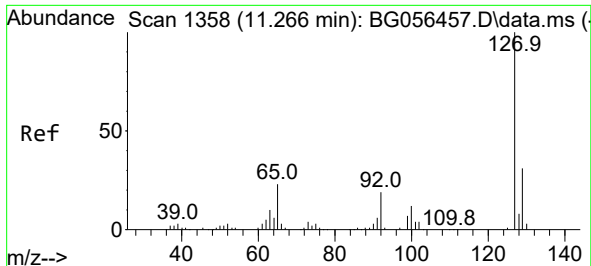
Tgt Ion:128 Resp: 297751
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 42.634 ng
RT: 10.415 min Scan# 1213
Delta R.T. 0.013 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:122 Resp: 54466
Ion Ratio Lower Upper
122 100
105 126.6 96.5 136.5
77 83.0 57.3 97.3

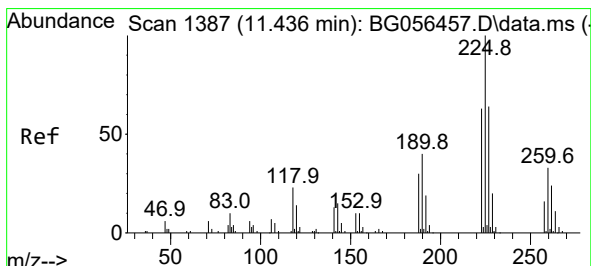
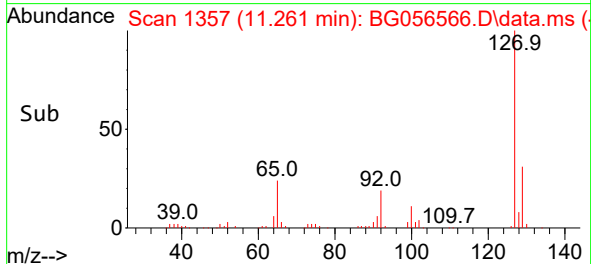
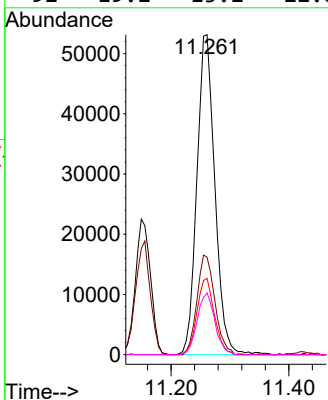
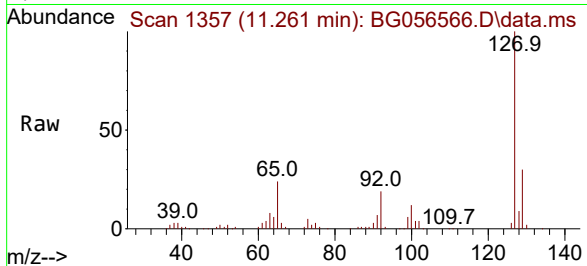




#33
4-Chloroaniline
Concen: 34.617 ng
RT: 11.261 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

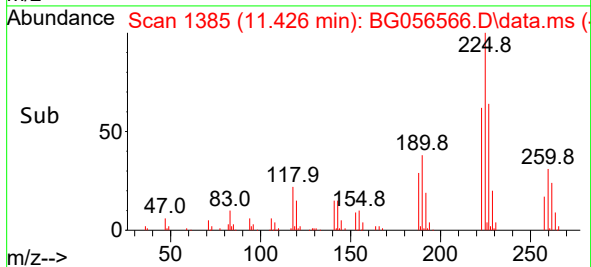
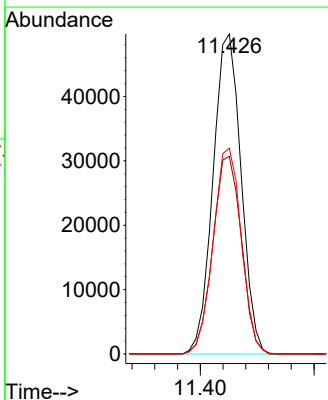
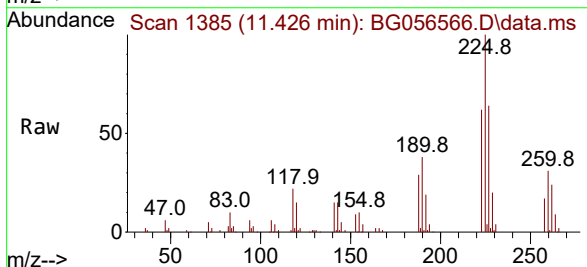
Instrument :
BNA_G
ClientSampleId :
PB150708BS

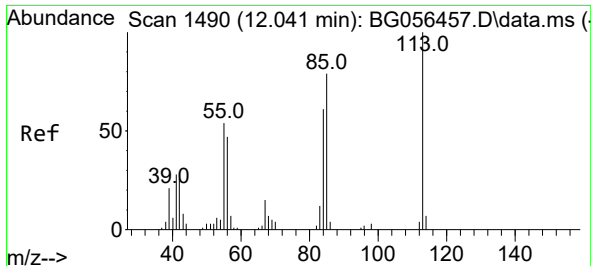
Tgt Ion:	127	Resp:	112909
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.0	37.6
65	23.9	18.5	27.7
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.449 ng
RT: 11.426 min Scan# 1385
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:	225	Resp:	85106
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	75.8
227	64.3	53.7	80.5

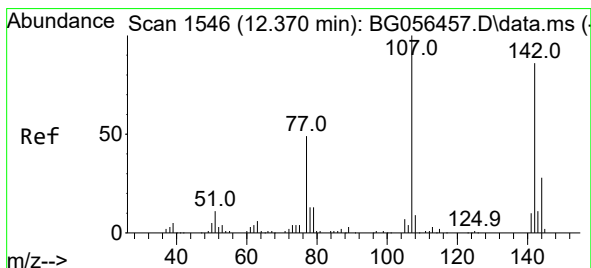
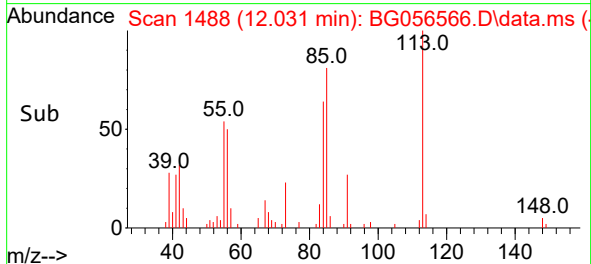
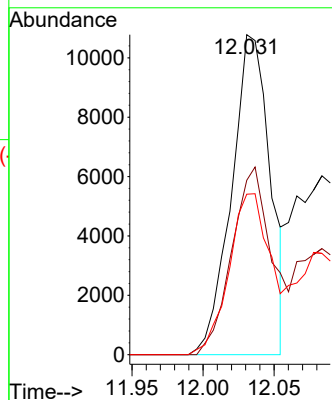
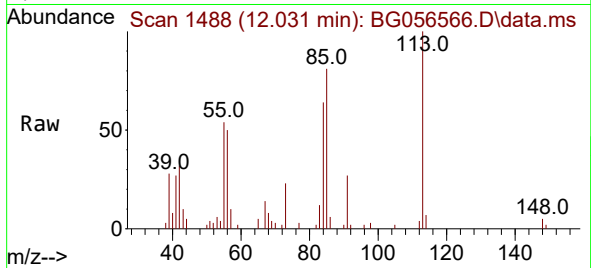




#35
Caprolactam
Concen: 23.530 ng
RT: 12.031 min Scan# 1490
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

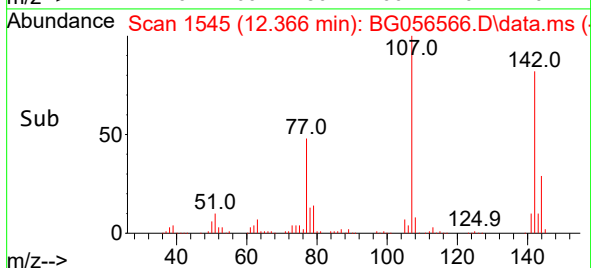
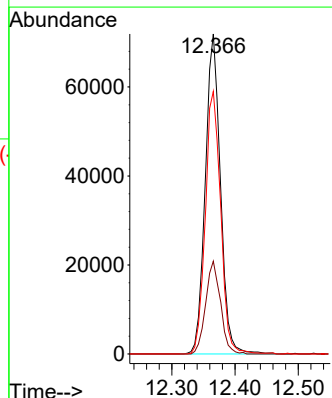
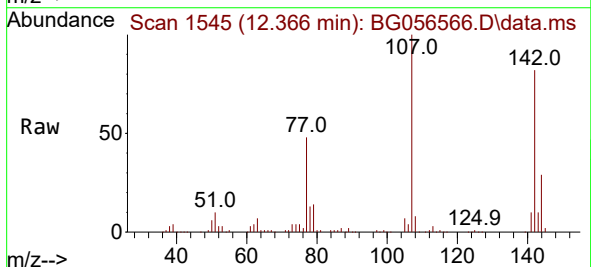
Instrument :
BNA_G
ClientSampleId :
PB150708BS

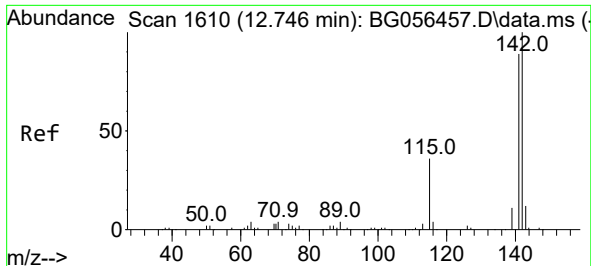
Tgt Ion:113 Resp: 20397
Ion Ratio Lower Upper
113 100
55 54.5 33.7 73.7
56 50.1 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 48.229 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

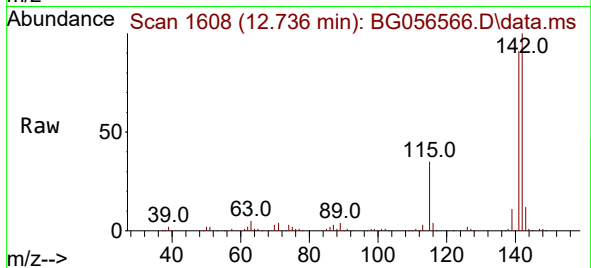
Tgt Ion:107 Resp: 119712
Ion Ratio Lower Upper
107 100
144 29.0 22.3 33.5
142 82.0 68.9 103.3



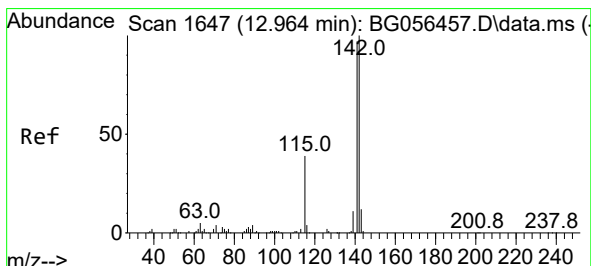
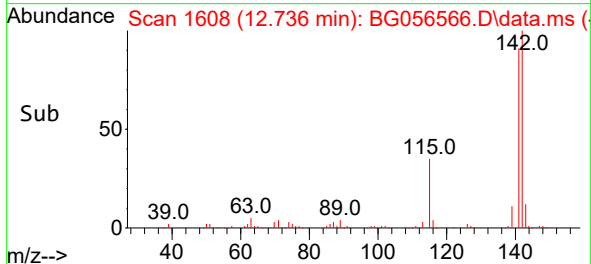
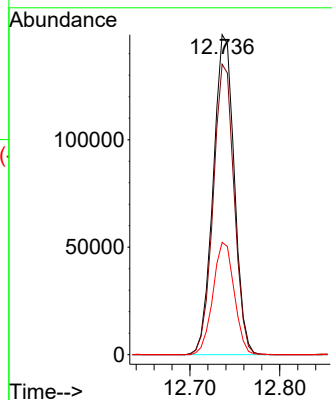


#37
2-Methylnaphthalene
Concen: 42.064 ng
RT: 12.736 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Instrument :
BNA_G
ClientSampleId :
PB150708BS

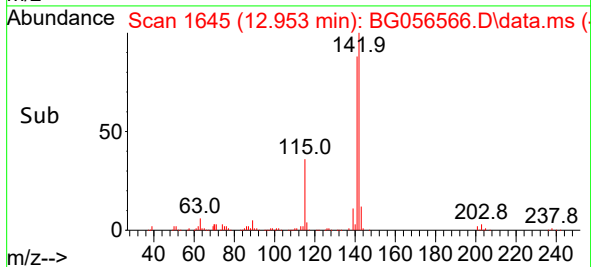
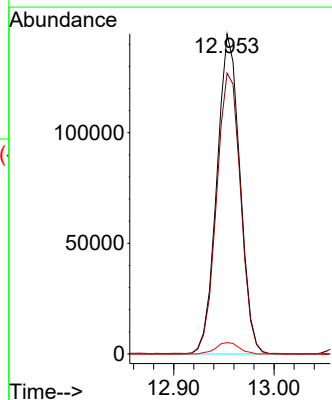
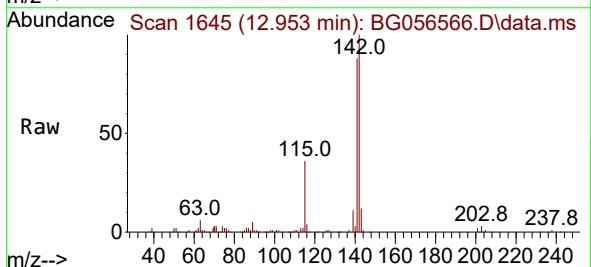


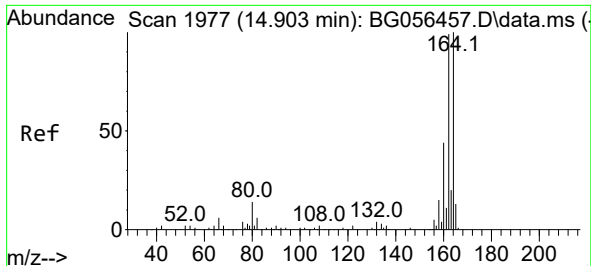
Tgt Ion:142 Resp: 242312
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.0
115 35.1 28.4 42.6



#38
1-Methylnaphthalene
Concen: 42.869 ng
RT: 12.953 min Scan# 1645
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:142 Resp: 230633
Ion Ratio Lower Upper
142 100
141 87.8 77.7 116.5
116 3.6 3.4 5.2

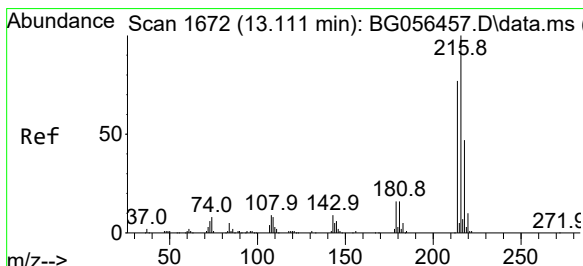
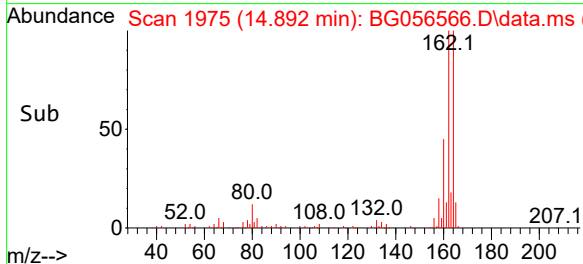
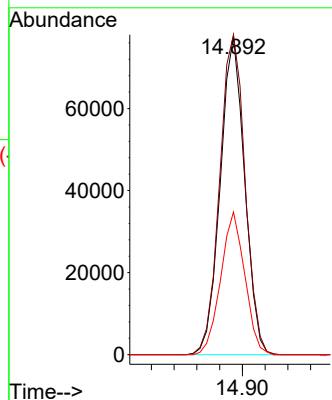
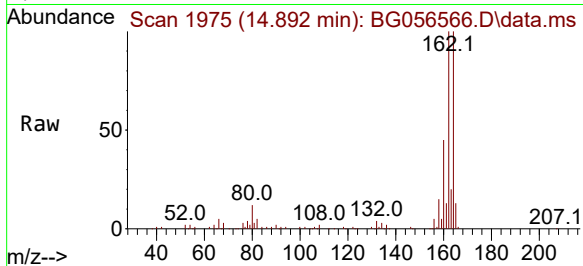




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

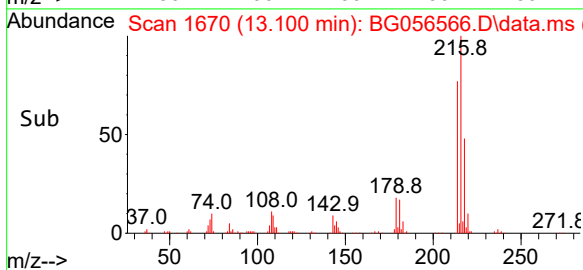
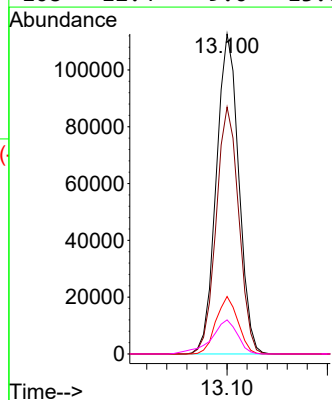
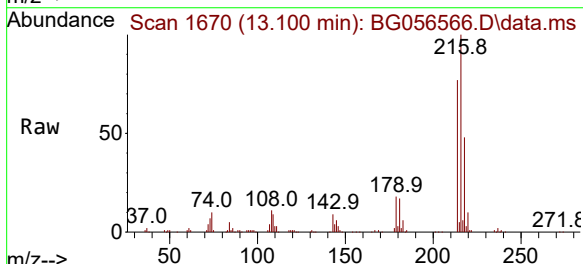
Instrument :
BNA_G
ClientSampleId :
PB150708BS

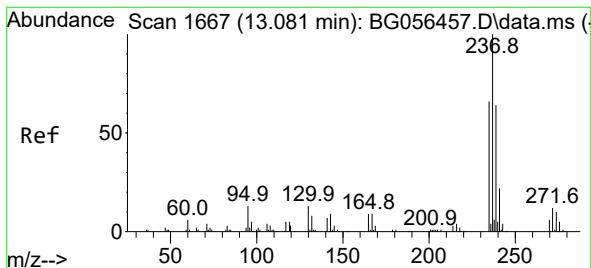
Tgt Ion:164 Resp: 114992
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 44.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.609 ng
RT: 13.100 min Scan# 1670
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:216 Resp: 174801
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.6
179 17.5 14.1 21.1
108 12.4 9.0 13.6





#41

Hexachlorocyclopentadiene

Concen: 65.739 ng

RT: 13.071 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

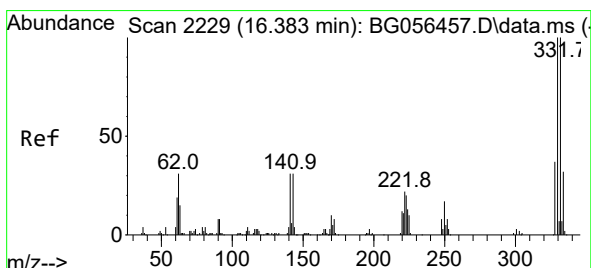
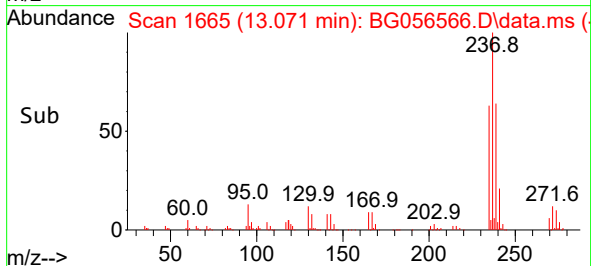
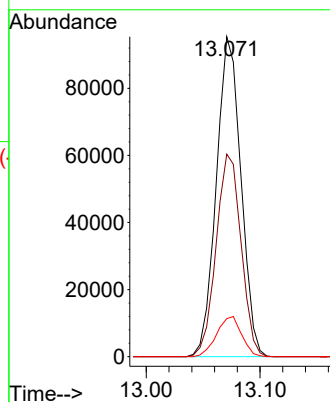
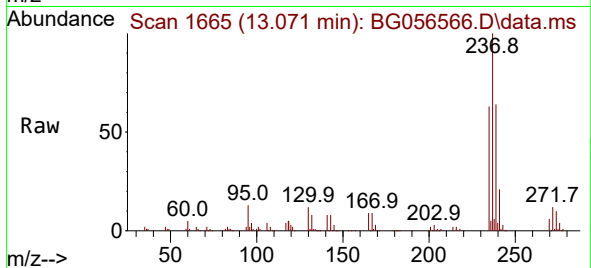
Tgt Ion:237 Resp: 143653

Ion Ratio Lower Upper

237 100

235 63.3 45.6 85.6

272 11.9 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 135.784 ng

RT: 16.379 min Scan# 2228

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

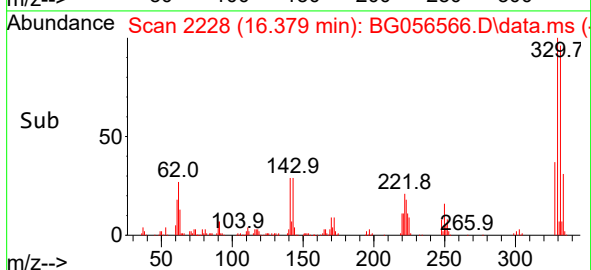
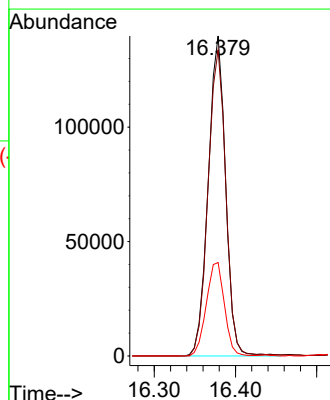
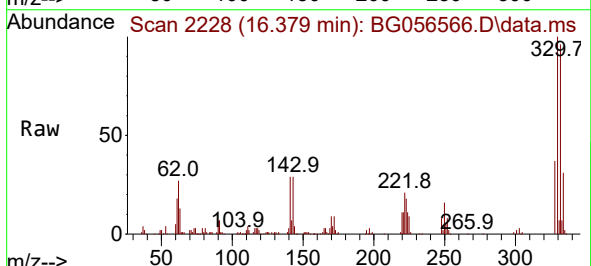
Tgt Ion:330 Resp: 207579

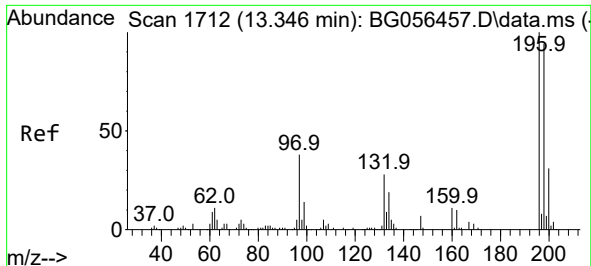
Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.6

141 30.4 24.2 36.4

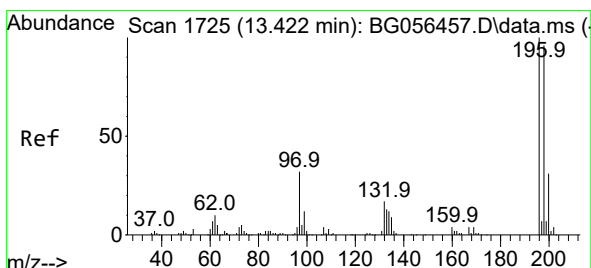
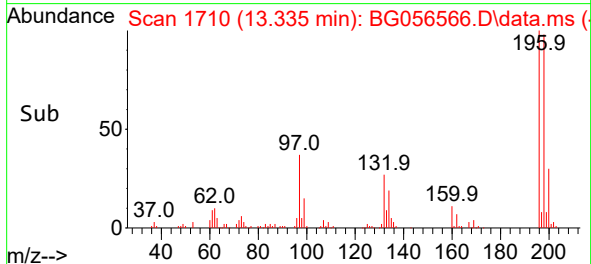
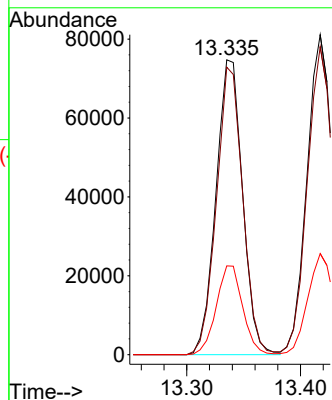
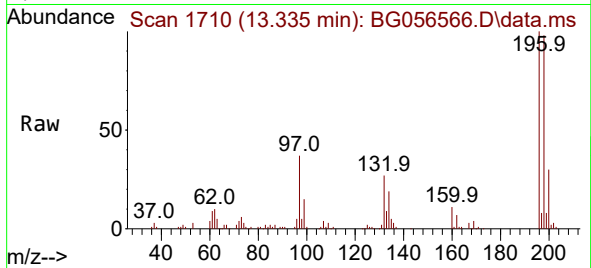




#43
2,4,6-Trichlorophenol
Concen: 44.956 ng
RT: 13.335 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

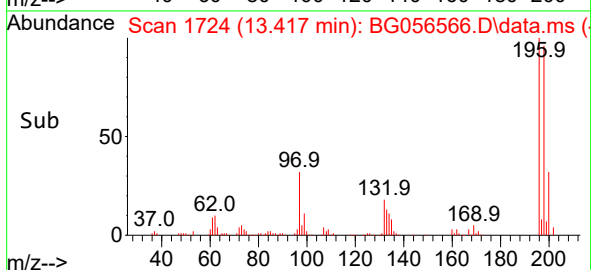
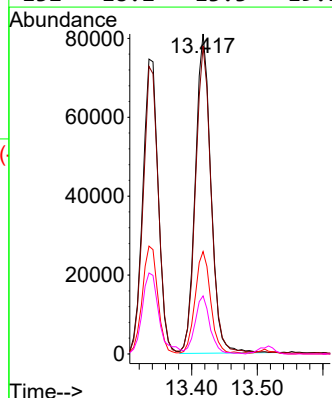
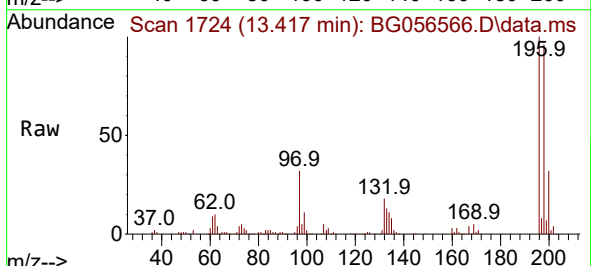
Instrument :
BNA_G
ClientSampleId :
PB150708BS

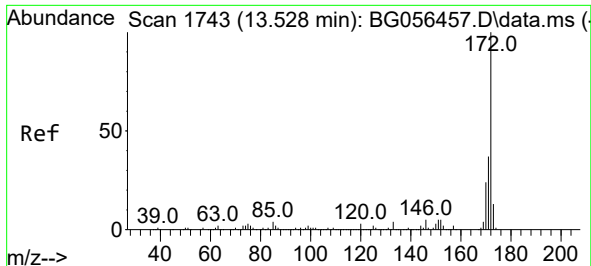
Tgt Ion:196 Resp: 121708
Ion Ratio Lower Upper
196 100
198 97.5 75.4 113.0
200 30.1 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 42.345 ng
RT: 13.417 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:196 Resp: 134221
Ion Ratio Lower Upper
196 100
198 96.2 76.9 115.3
97 32.0 25.8 38.6
132 18.2 13.3 19.9

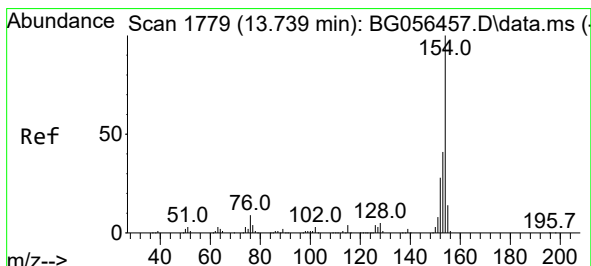
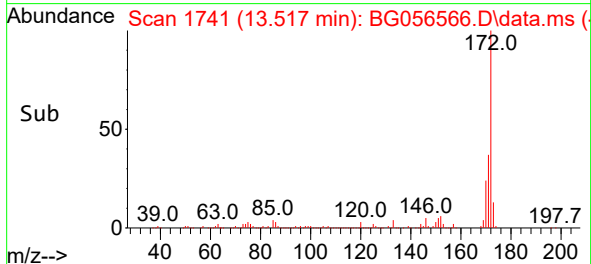
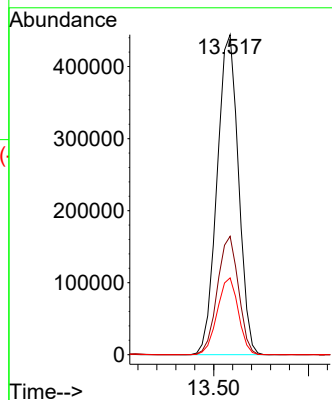
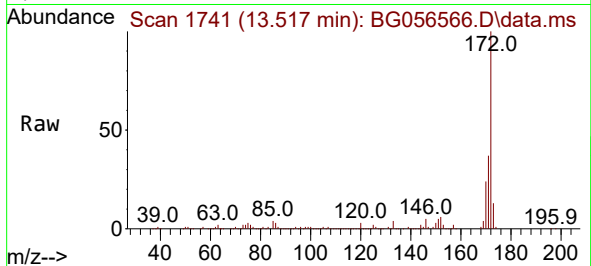




#45
2-Fluorobiphenyl
Concen: 83.975 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

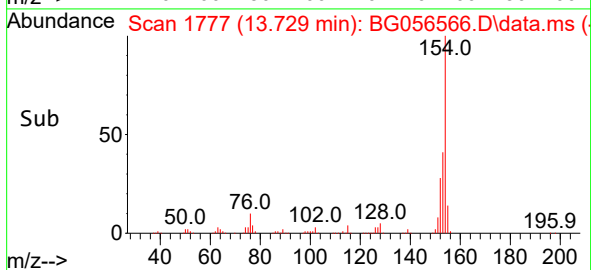
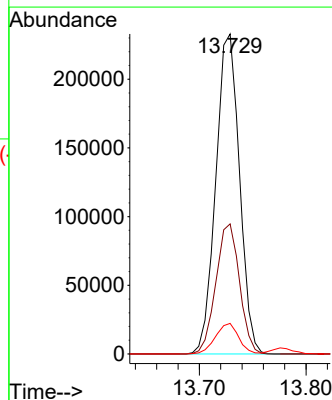
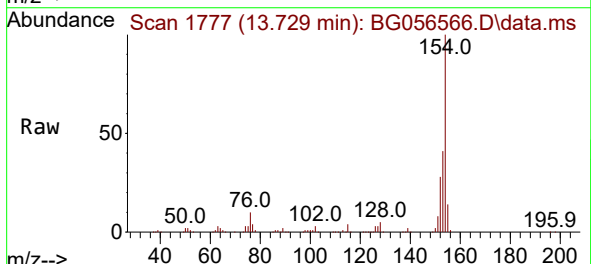
Instrument :
BNA_G
ClientSampleId :
PB150708BS

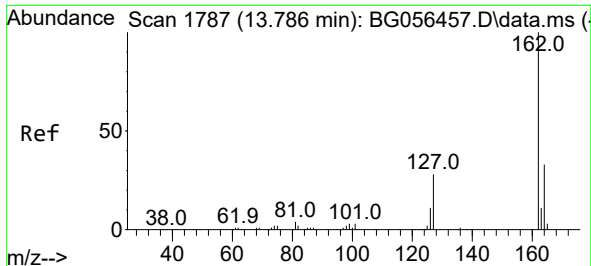
Tgt Ion:172 Resp: 696502
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.0 19.2 28.8



#46
1,1'-Biphenyl
Concen: 42.964 ng
RT: 13.729 min Scan# 1777
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:154 Resp: 358344
Ion Ratio Lower Upper
154 100
153 40.7 21.5 61.5
76 9.6 0.0 28.8

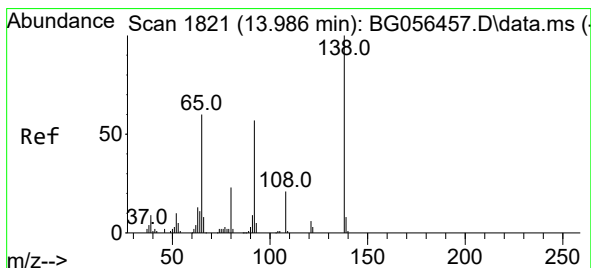
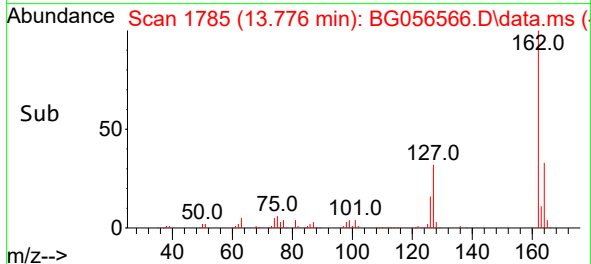
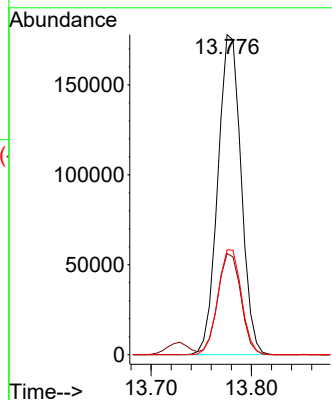
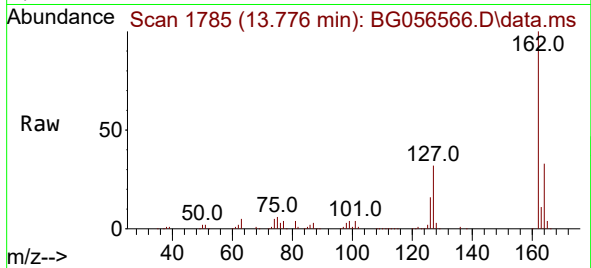




#47
2-Chloronaphthalene
Concen: 43.884 ng
RT: 13.776 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

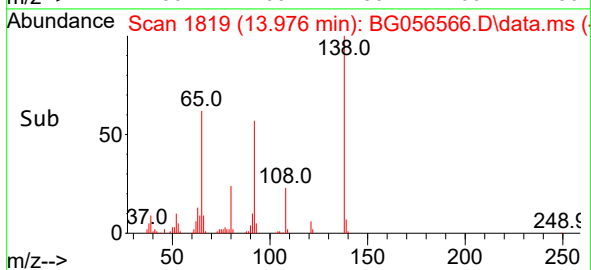
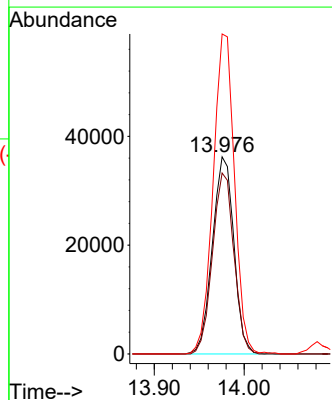
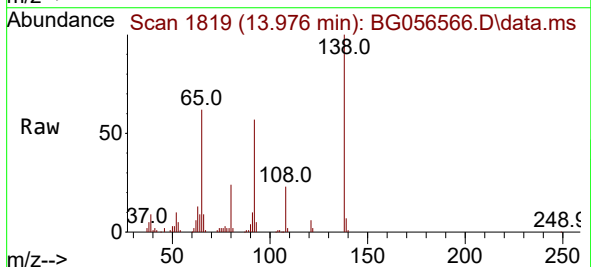
Instrument :
BNA_G
ClientSampleId :
PB150708BS

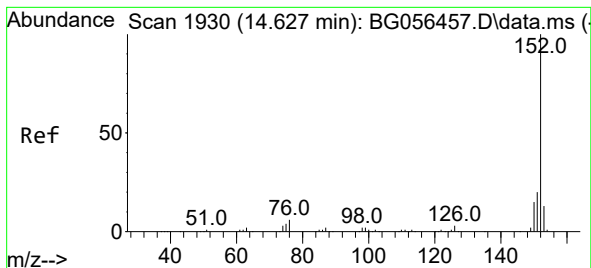
Tgt Ion:162 Resp: 286094
Ion Ratio Lower Upper
162 100
127 31.6 25.2 37.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 44.636 ng
RT: 13.976 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion: 65 Resp: 60156
Ion Ratio Lower Upper
65 100
92 91.7 75.8 113.6
138 162.3 133.2 199.8





#49

Acenaphthylene

Concen: 42.762 ng

RT: 14.622 min Scan# 1930

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

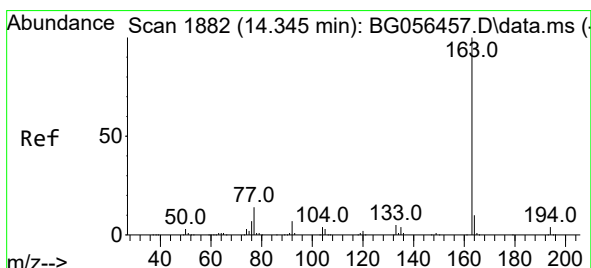
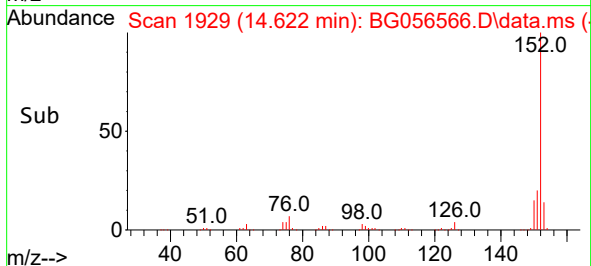
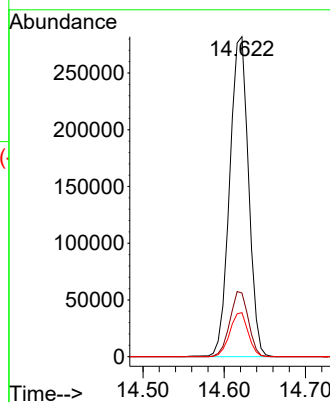
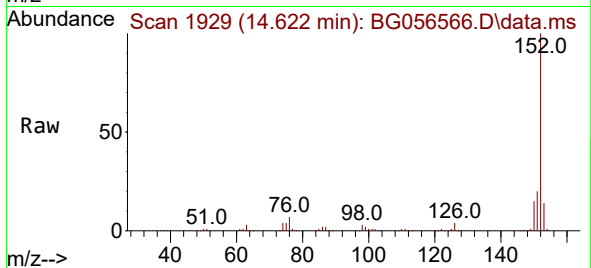
Tgt Ion:152 Resp: 453570

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.8 10.5 15.7



#50

Dimethylphthalate

Concen: 43.008 ng

RT: 14.334 min Scan# 1880

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

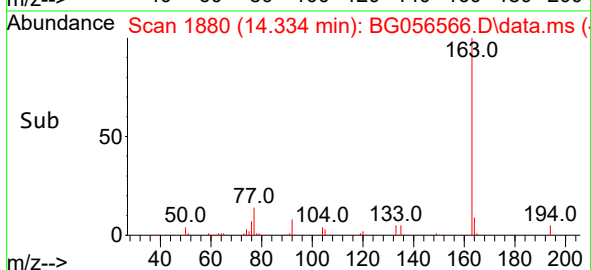
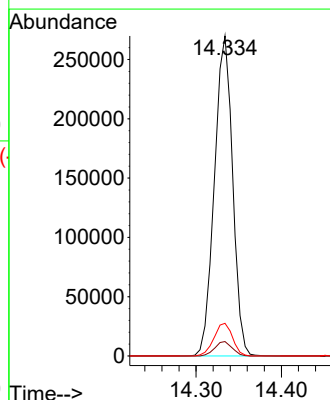
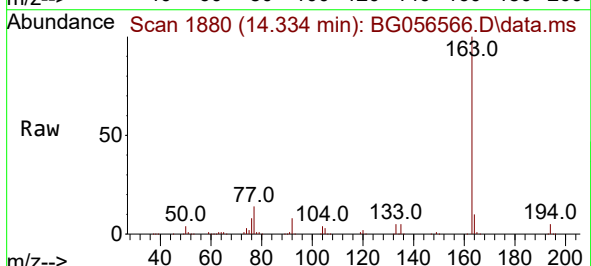
Tgt Ion:163 Resp: 400110

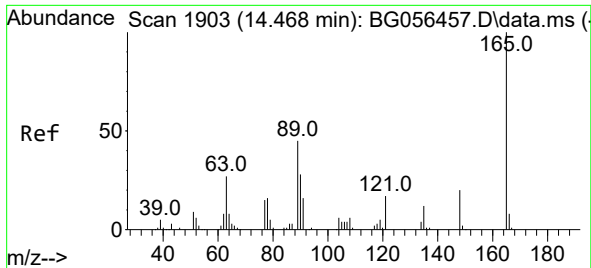
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.2 8.1 12.1

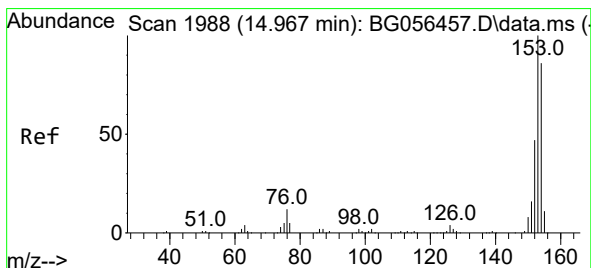
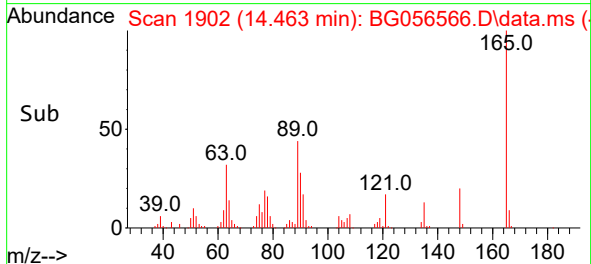
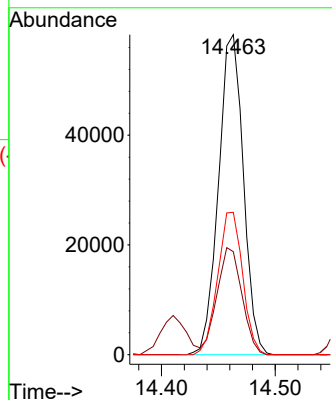
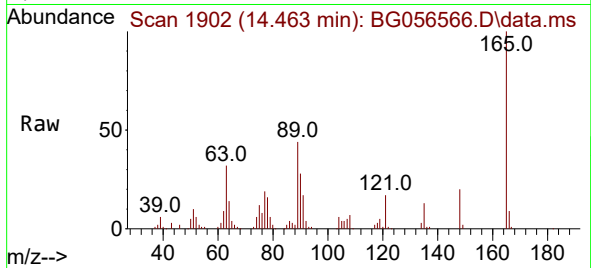




#51
2,6-Dinitrotoluene
Concen: 43.676 ng
RT: 14.463 min Scan# 1903
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

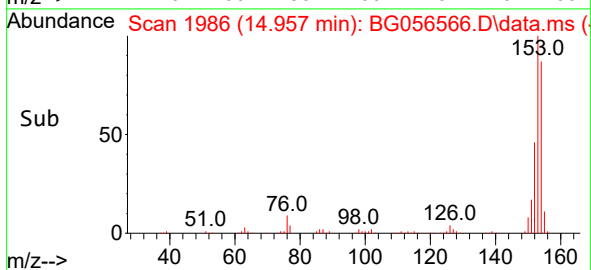
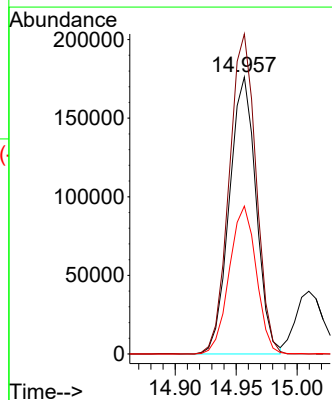
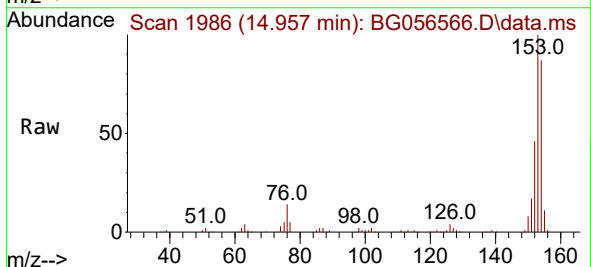
Instrument :
BNA_G
ClientSampleId :
PB150708BS

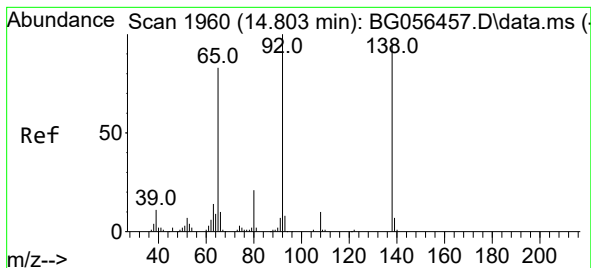
Tgt Ion:165 Resp: 88610
Ion Ratio Lower Upper
165 100
63 32.2 26.9 40.3
89 44.5 35.6 53.4



#52
Acenaphthene
Concen: 42.788 ng
RT: 14.957 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:154 Resp: 269135
Ion Ratio Lower Upper
154 100
153 115.5 93.4 140.0
152 53.4 43.4 65.2





#53

3-Nitroaniline

Concen: 35.404 ng

RT: 14.798 min Scan# 1959

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

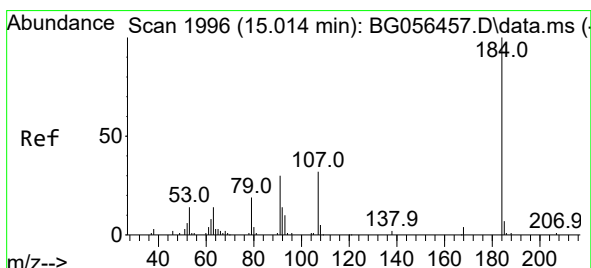
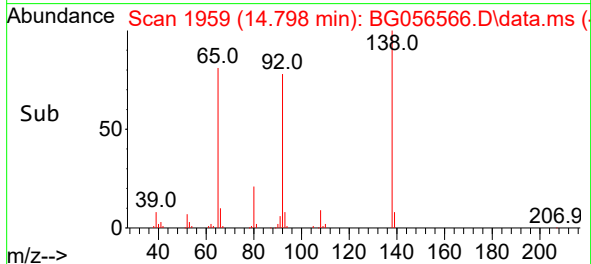
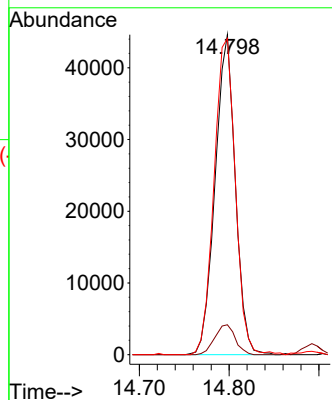
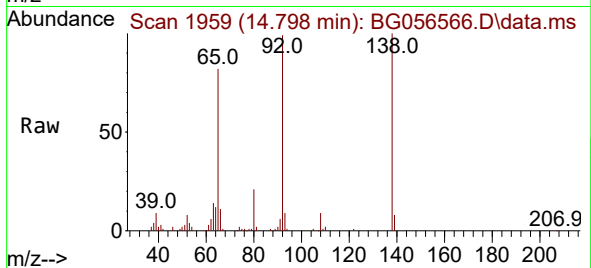
Tgt Ion:138 Resp: 69635

Ion Ratio Lower Upper

138 100

108 9.4 8.0 12.0

92 98.9 84.1 126.1



#54

2,4-Dinitrophenol

Concen: 96.002 ng

RT: 15.010 min Scan# 1995

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

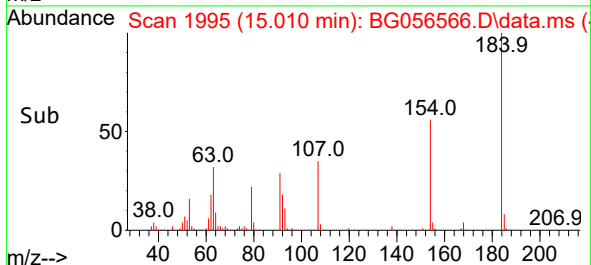
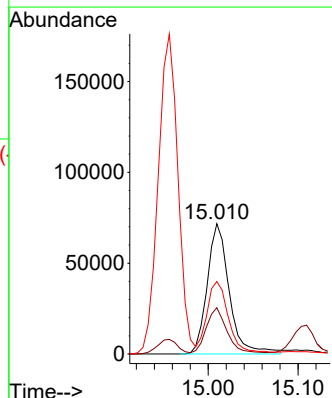
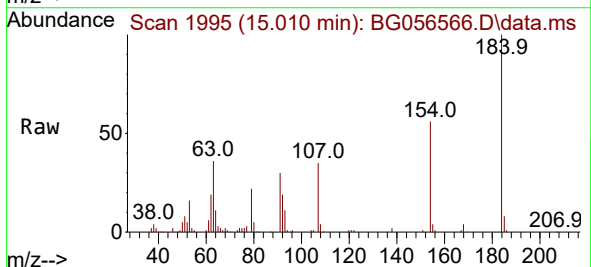
Tgt Ion:184 Resp: 122105

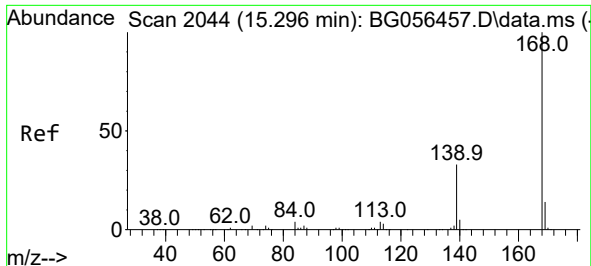
Ion Ratio Lower Upper

184 100

63 35.6 25.1 37.7

154 55.7 44.8 67.2

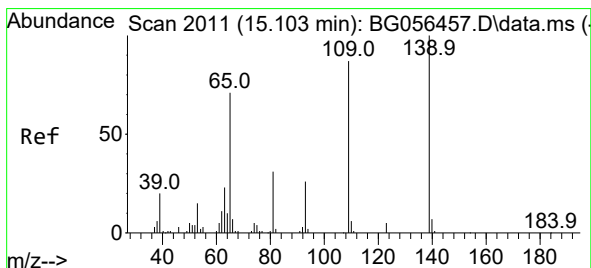
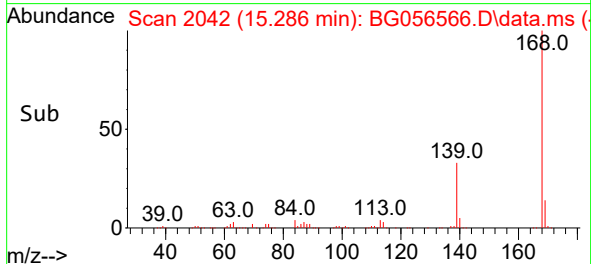
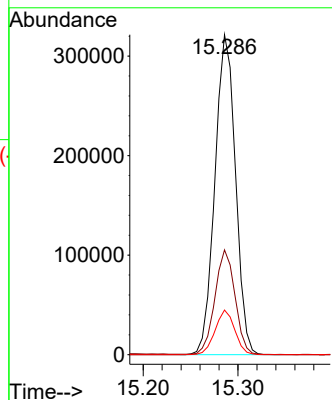
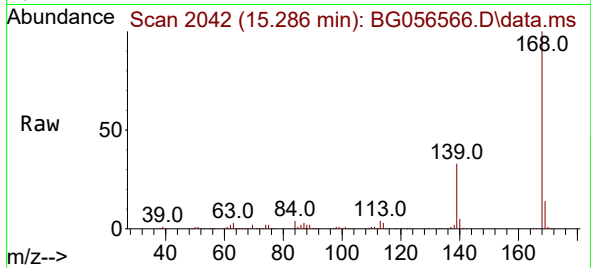




#55
Dibenzenofuran
Concen: 43.009 ng
RT: 15.286 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

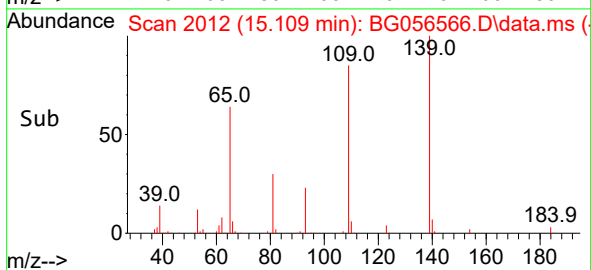
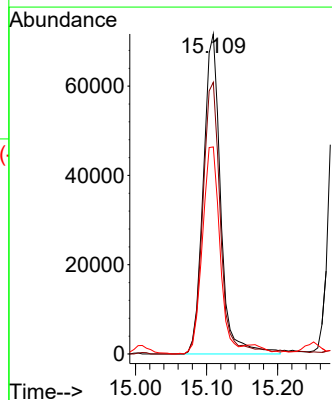
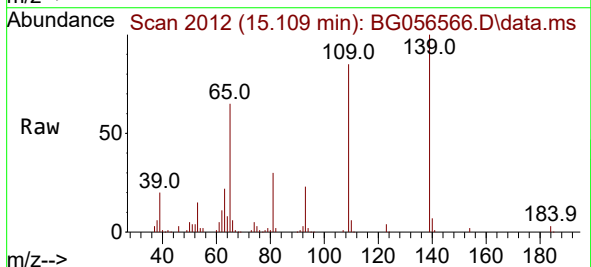
Instrument :
BNA_G
ClientSampleId :
PB150708BS

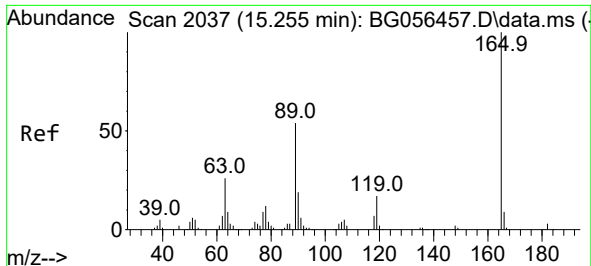
Tgt Ion:168 Resp: 485149
Ion Ratio Lower Upper
168 100
139 32.8 26.2 39.2
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 90.404 ng
RT: 15.109 min Scan# 2012
Delta R.T. 0.007 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:139 Resp: 121499
Ion Ratio Lower Upper
139 100
109 84.9 67.5 107.5
65 64.7 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 44.503 ng

RT: 15.250 min Scan# 2037

Delta R.T. 0.001 min

Lab File: BG056566.D

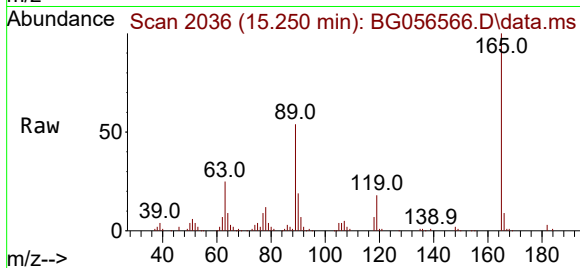
Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS



Tgt Ion:165 Resp: 127177

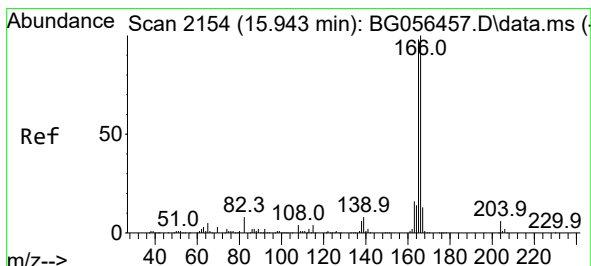
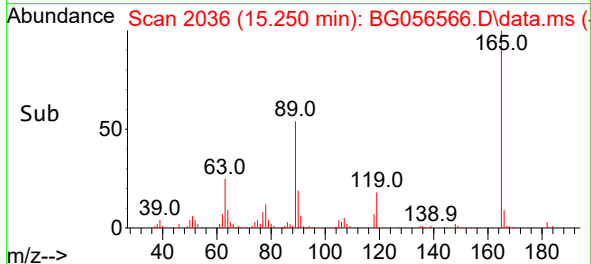
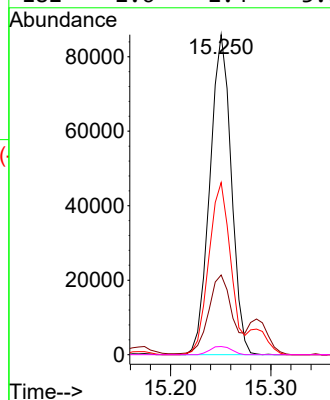
Ion Ratio Lower Upper

165 100

63 24.9 20.6 31.0

89 53.8 43.1 64.7

182 2.6 2.4 3.6



#58

Fluorene

Concen: 43.816 ng

RT: 15.932 min Scan# 2152

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

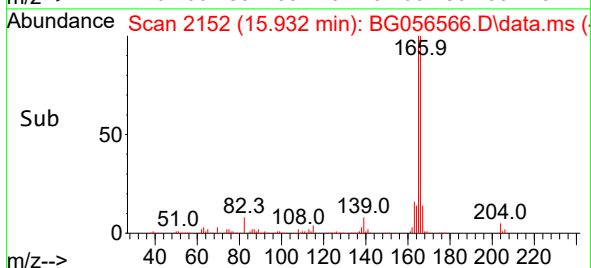
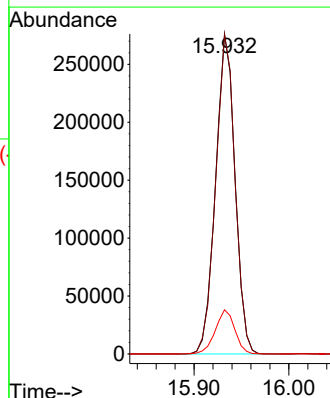
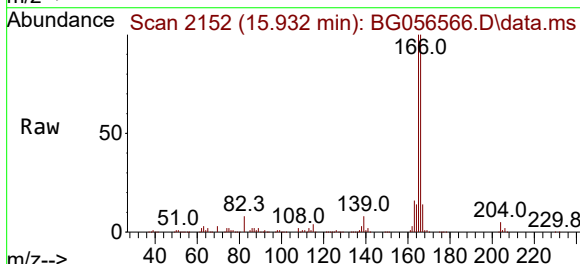
Tgt Ion:166 Resp: 393287

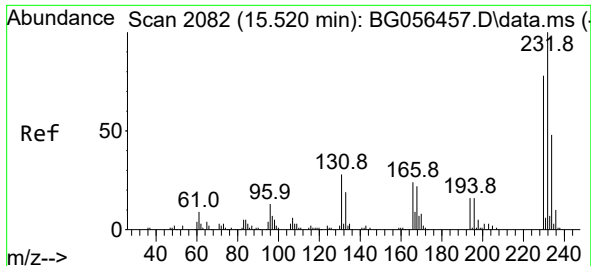
Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

167 13.8 10.6 15.8

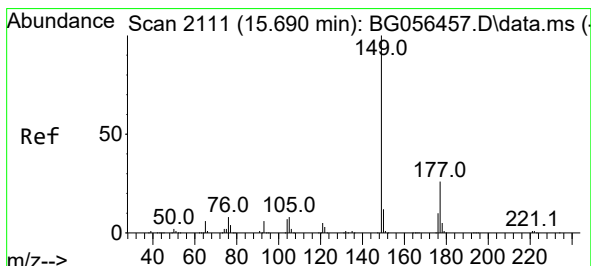
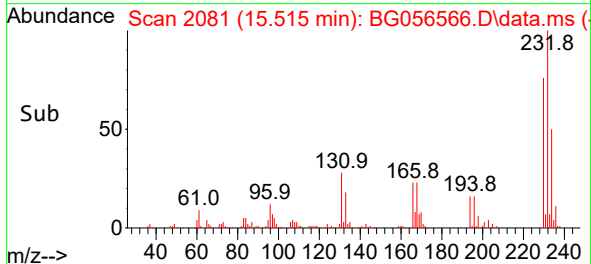
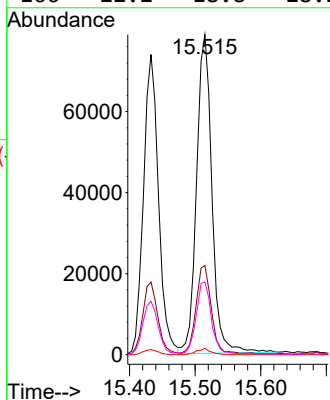
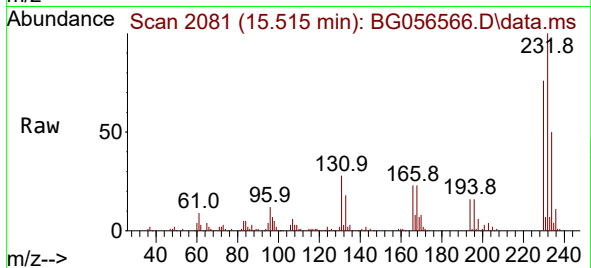




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.525 ng
RT: 15.515 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

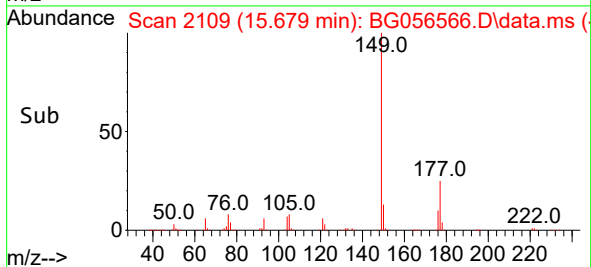
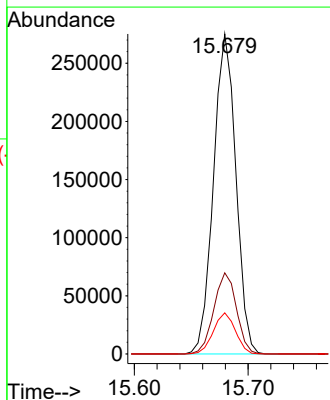
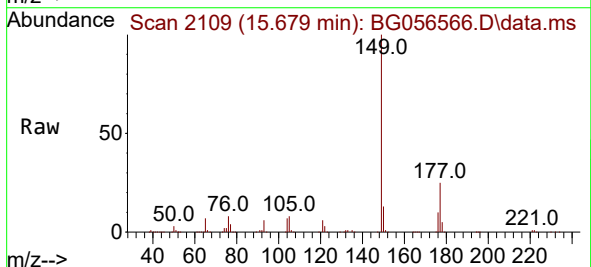
Instrument :
BNA_G
ClientSampleId :
PB150708BS

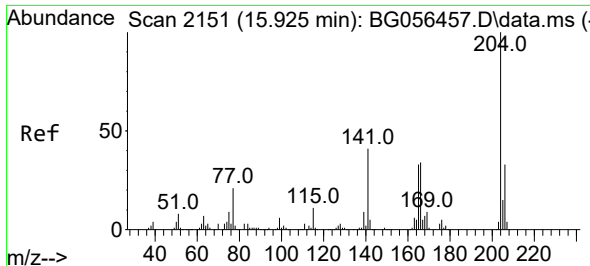
Tgt Ion:232 Resp: 128303
Ion Ratio Lower Upper
232 100
131 27.1 22.8 34.2
130 1.7 1.4 2.0
166 22.2 18.8 28.2



#60
Diethylphthalate
Concen: 43.148 ng
RT: 15.679 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:149 Resp: 376936
Ion Ratio Lower Upper
149 100
177 25.4 21.0 31.4
150 12.9 9.9 14.9

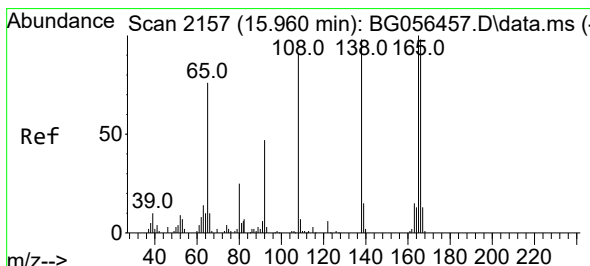
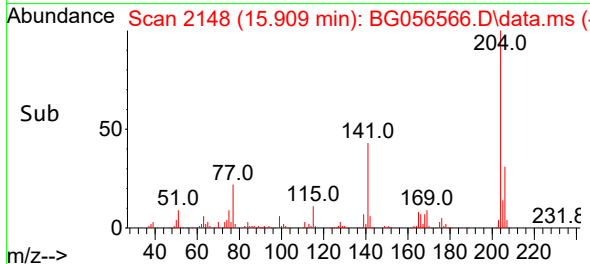
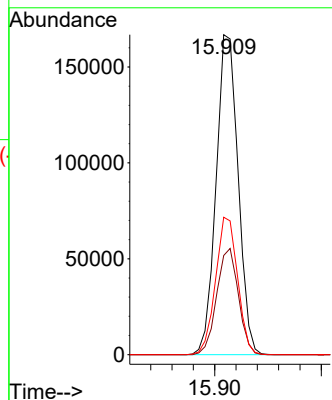
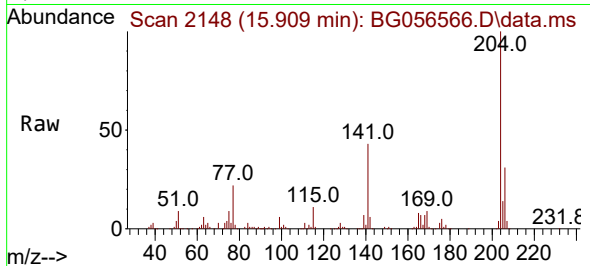




#61
4-Chlorophenyl-phenylether
Concen: 43.600 ng
RT: 15.909 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

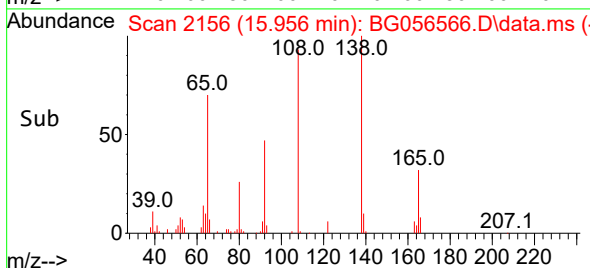
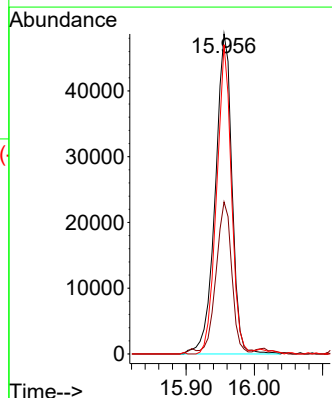
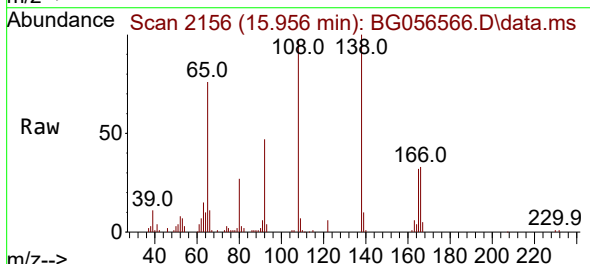
Instrument :
BNA_G
ClientSampleId :
PB150708BS

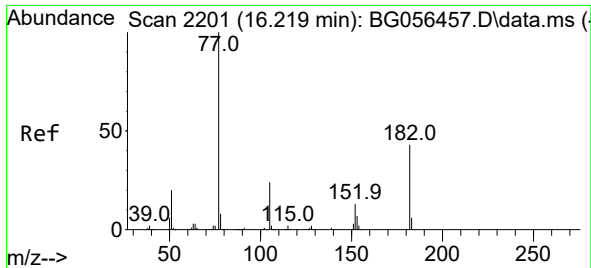
Tgt Ion:204 Resp: 238799
Ion Ratio Lower Upper
204 100
206 31.0 26.2 39.4
141 43.0 32.7 49.1



#62
4-Nitroaniline
Concen: 42.216 ng
RT: 15.956 min Scan# 2156
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:138 Resp: 83085
Ion Ratio Lower Upper
138 100
92 47.5 27.8 67.8
108 96.6 72.6 112.6

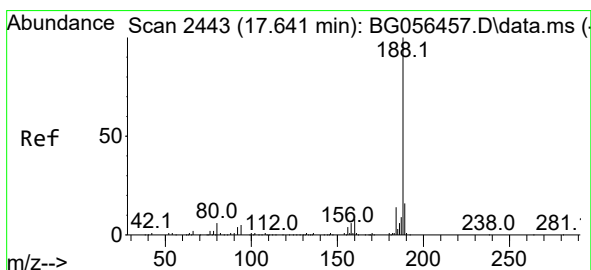
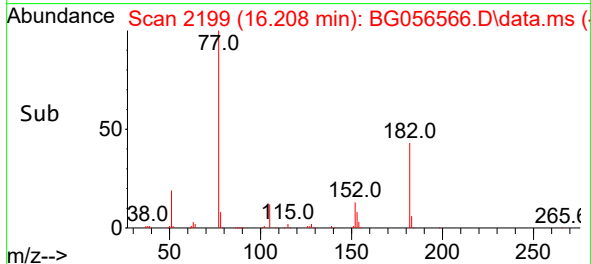
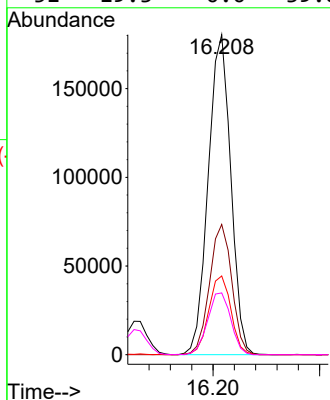
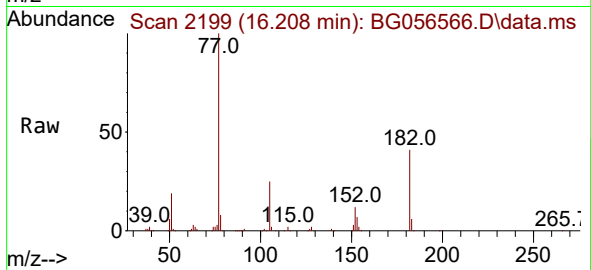




#63
Azobenzene
Concen: 44.033 ng
RT: 16.208 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

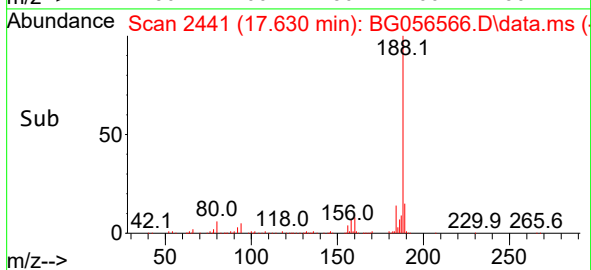
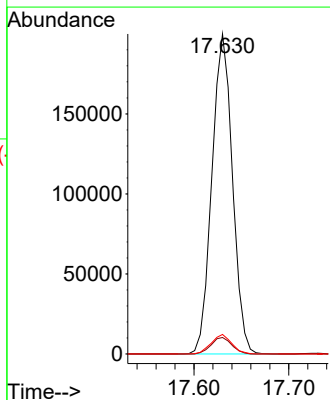
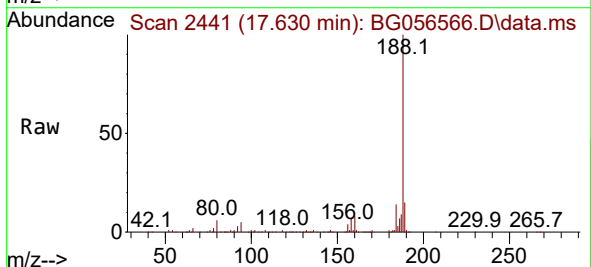
Instrument :
BNA_G
ClientSampleId :
PB150708BS

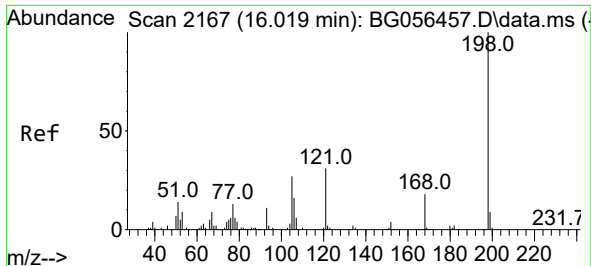
Tgt Ion: 77	Resp: 264681
Ion Ratio	Lower Upper
77 100	
182 40.7	23.1 63.1
105 24.6	4.2 44.2
51 19.3	0.0 39.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:188	Resp: 300860
Ion Ratio	Lower Upper
188 100	
94 5.2	4.1 6.1
80 6.1	5.0 7.4

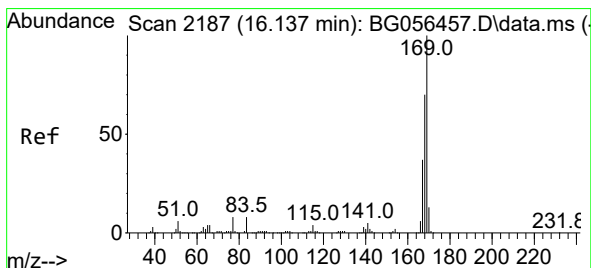
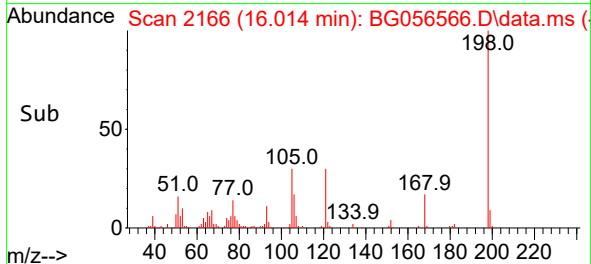
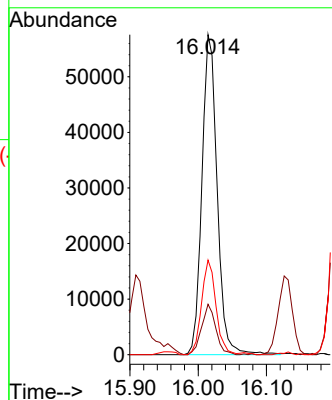
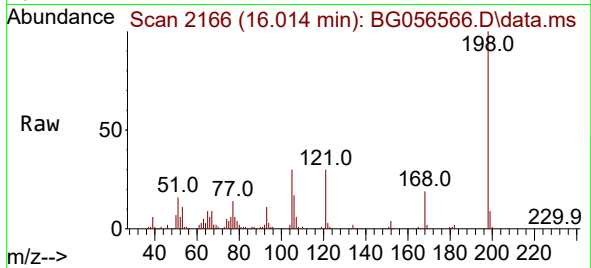




#65
4,6-Dinitro-2-methylphenol
Concen: 42.285 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

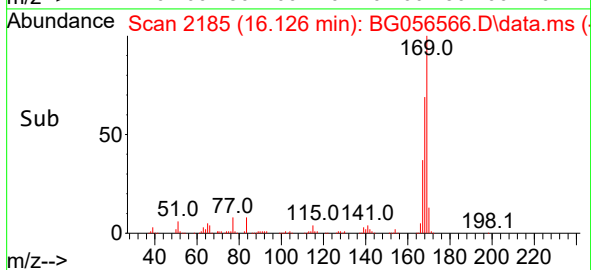
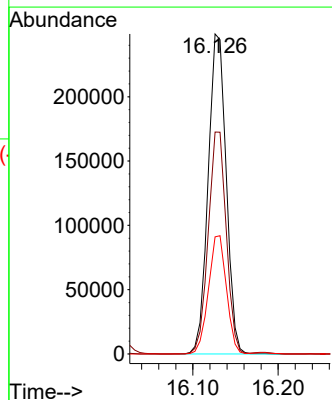
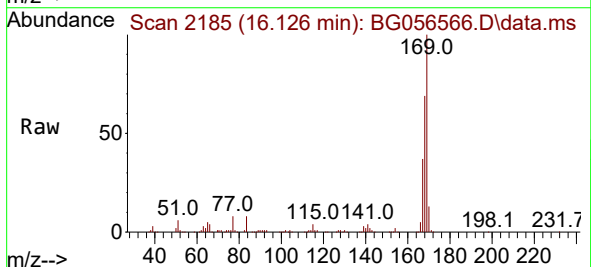
Instrument :
BNA_G
ClientSampleId :
PB150708BS

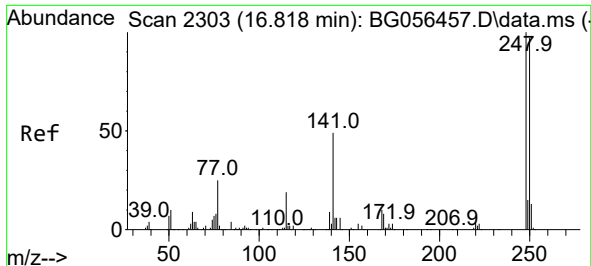
Tgt Ion:198 Resp: 89442
Ion Ratio Lower Upper
198 100
51 15.8 0.0 35.0
105 29.6 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 43.012 ng
RT: 16.126 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:169 Resp: 366382
Ion Ratio Lower Upper
169 100
168 69.3 55.8 83.6
167 36.6 29.8 44.8

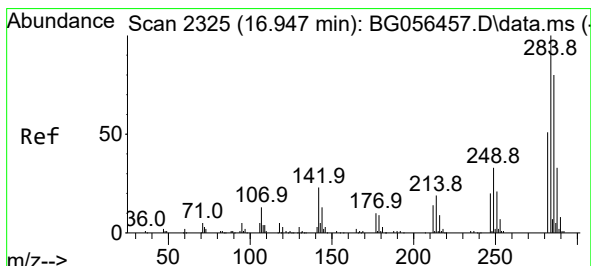
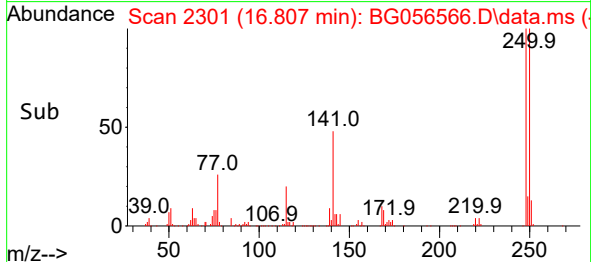
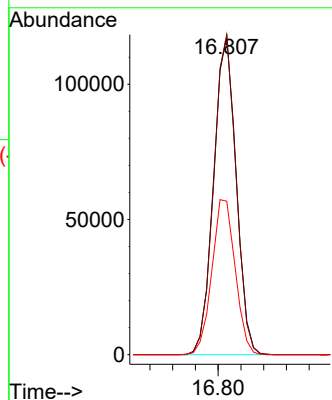
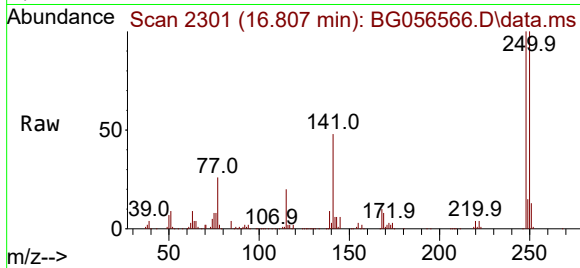




#67
4-Bromophenyl-phenylether
Concen: 42.150 ng
RT: 16.807 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

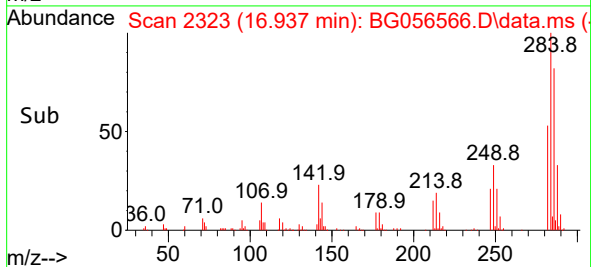
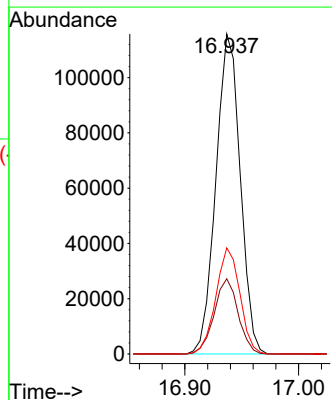
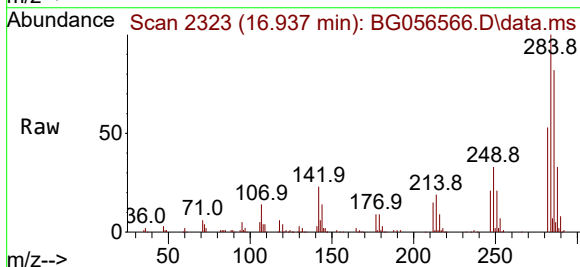
Instrument :
BNA_G
ClientSampleId :
PB150708BS

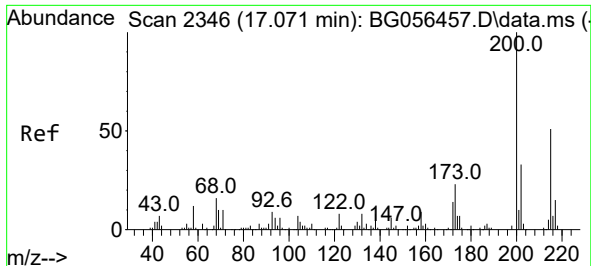
Tgt Ion:248 Resp: 162342
Ion Ratio Lower Upper
248 100
250 100.5 77.6 116.4
141 48.2 39.0 58.4



#68
Hexachlorobenzene
Concen: 45.593 ng
RT: 16.937 min Scan# 2323
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:284 Resp: 171991
Ion Ratio Lower Upper
284 100
142 23.5 18.0 27.0
249 33.1 26.7 40.1

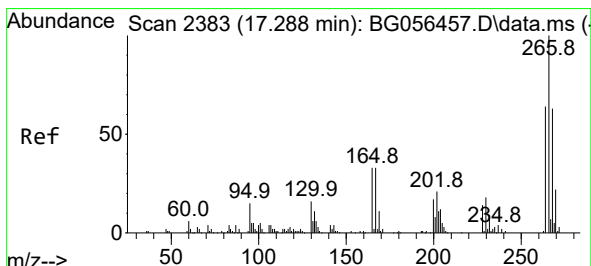
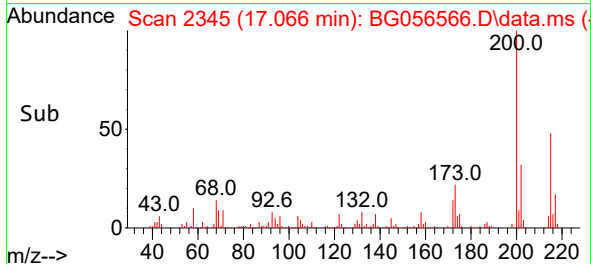
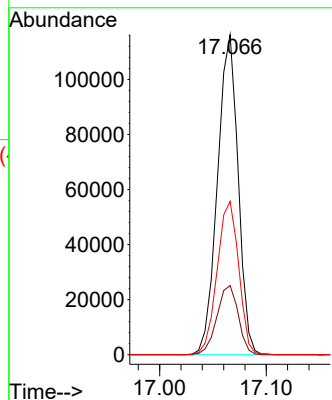
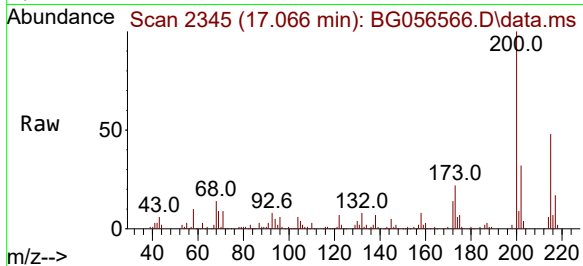




#69
 Atrazine
 Concen: 47.512 ng
 RT: 17.066 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056566.D
 Acq: 7 Feb 2023 13:46

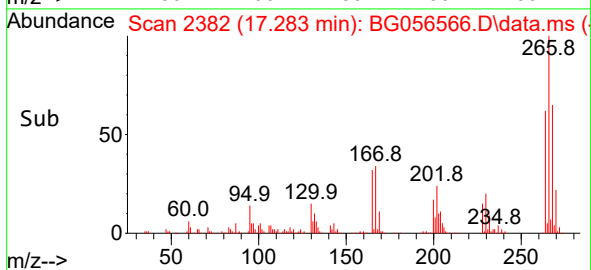
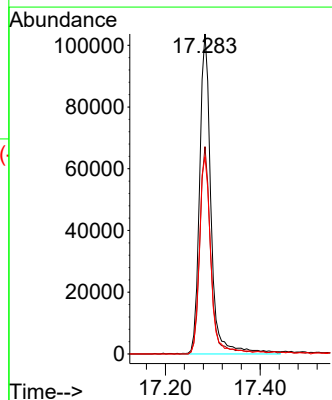
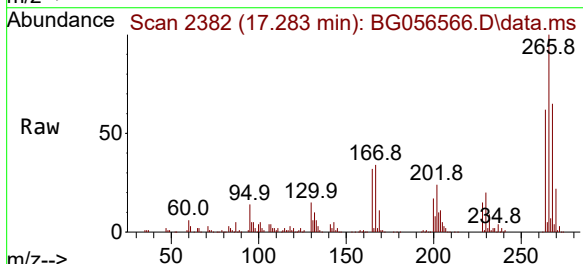
Instrument :
 BNA_G
 ClientSampleId :
 PB150708BS

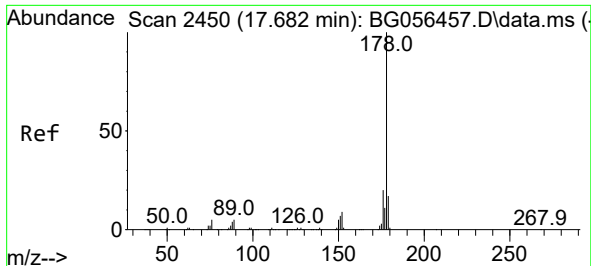
Tgt Ion:200 Resp: 156134
 Ion Ratio Lower Upper
 200 100
 173 21.6 3.2 43.2
 215 47.9 30.7 70.7



#70
 Pentachlorophenol
 Concen: 75.809 ng
 RT: 17.283 min Scan# 2382
 Delta R.T. 0.001 min
 Lab File: BG056566.D
 Acq: 7 Feb 2023 13:46

Tgt Ion:266 Resp: 173038
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.2 75.4
 264 61.6 51.4 77.0

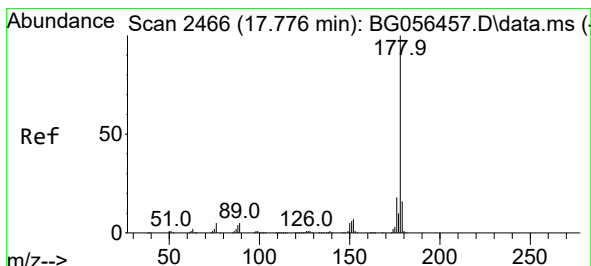
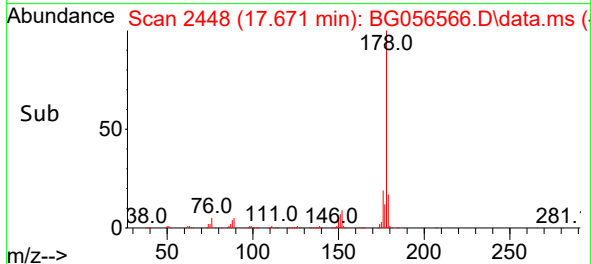
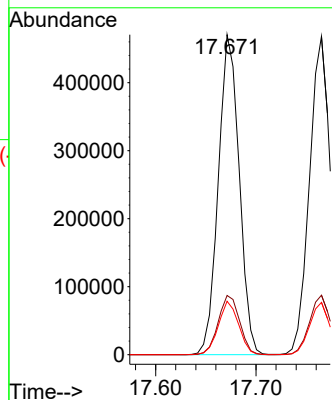
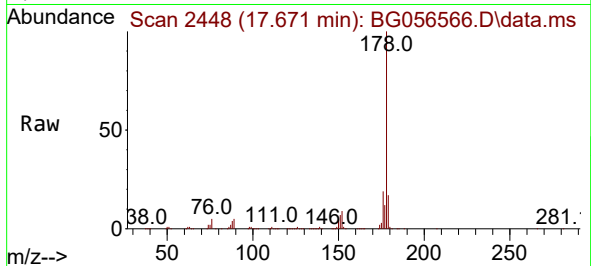




#71
Phenanthrene
Concen: 43.146 ng
RT: 17.671 min Scan# 2450
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

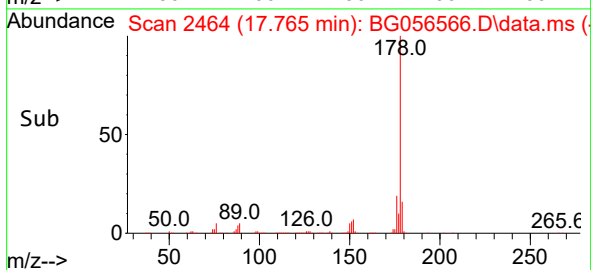
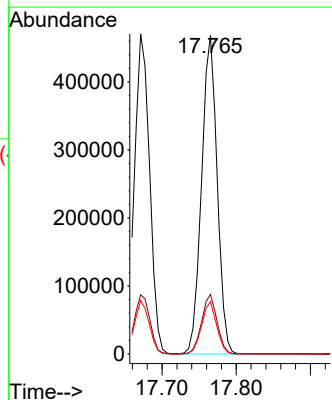
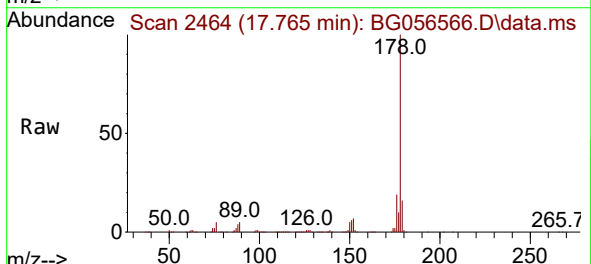
Instrument :
BNA_G
ClientSampleId :
PB150708BS

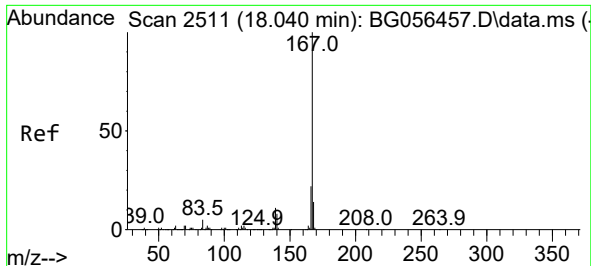
Tgt Ion:178 Resp: 679395
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 16.7 13.3 19.9



#72
Anthracene
Concen: 42.445 ng
RT: 17.765 min Scan# 2464
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:178 Resp: 686086
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 16.4 12.5 18.7

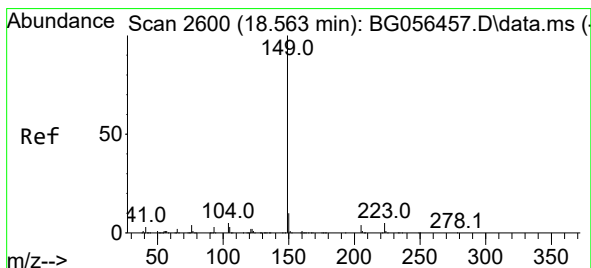
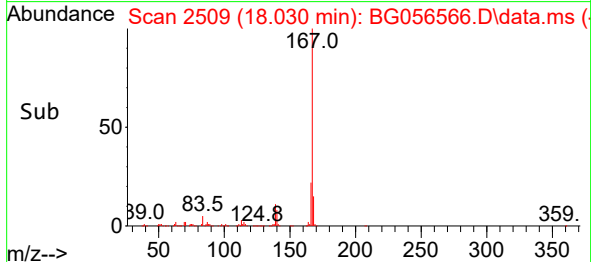
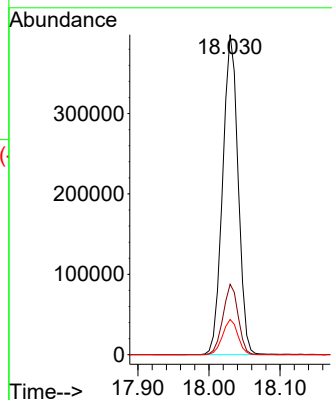
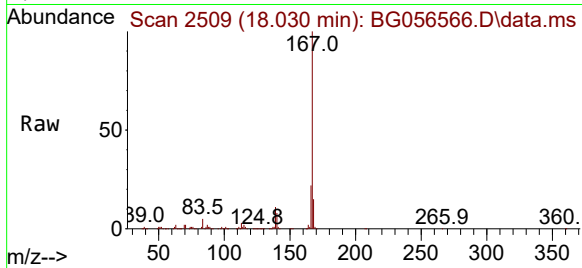




#73
 Carbazole
 Concen: 43.491 ng
 RT: 18.030 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056566.D
 Acq: 7 Feb 2023 13:46

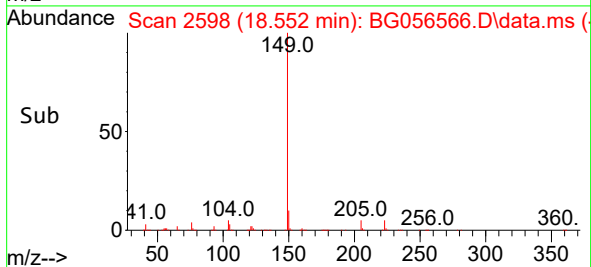
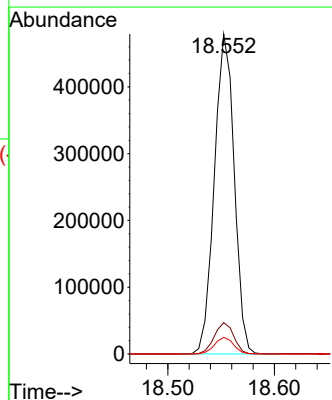
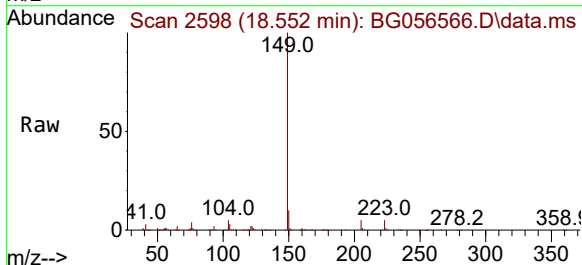
Instrument :
 BNA_G
 ClientSampleId :
 PB150708BS

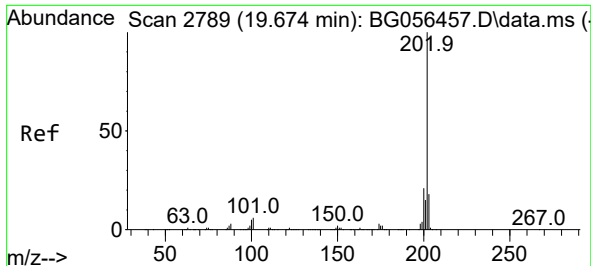
Tgt Ion:167 Resp: 598733
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 11.0 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 42.810 ng
 RT: 18.552 min Scan# 2598
 Delta R.T. 0.001 min
 Lab File: BG056566.D
 Acq: 7 Feb 2023 13:46

Tgt Ion:149 Resp: 618822
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.2 4.0 6.0

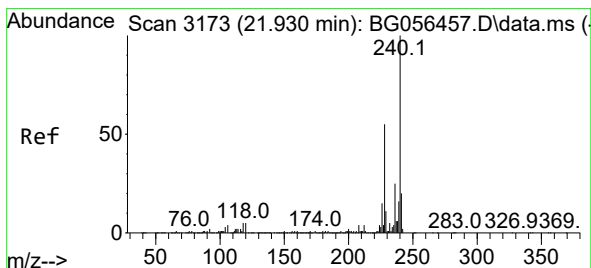
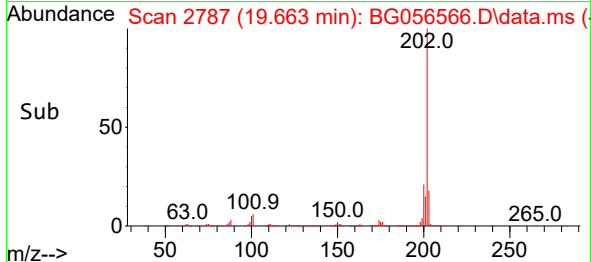
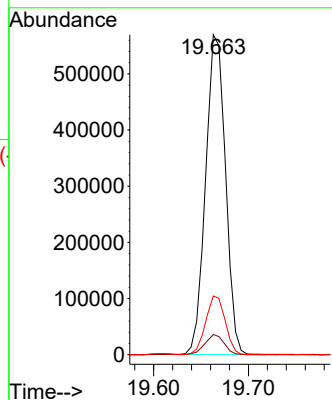
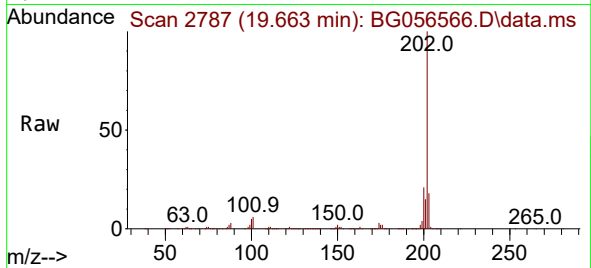




#75
Fluoranthene
Concen: 41.668 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

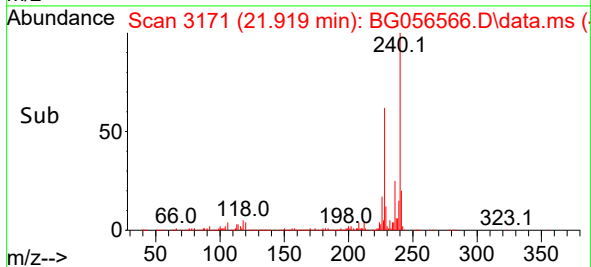
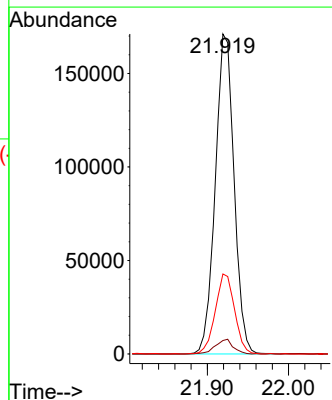
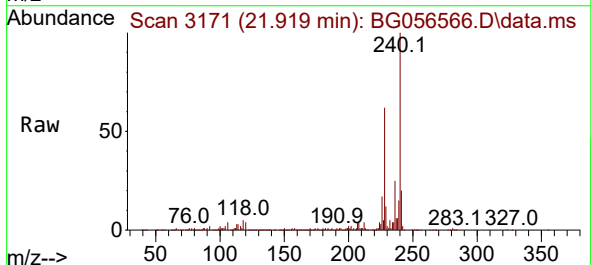
Instrument :
BNA_G
ClientSampleId :
PB150708BS

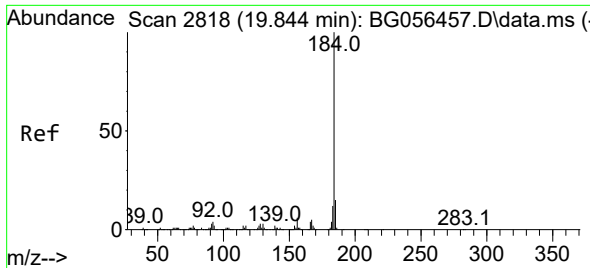
Tgt Ion:202 Resp: 828105
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.6
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:240 Resp: 275164
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.0 20.2 30.2

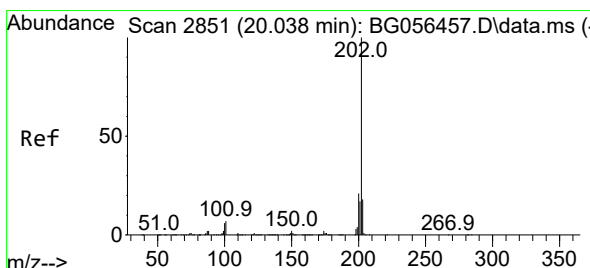
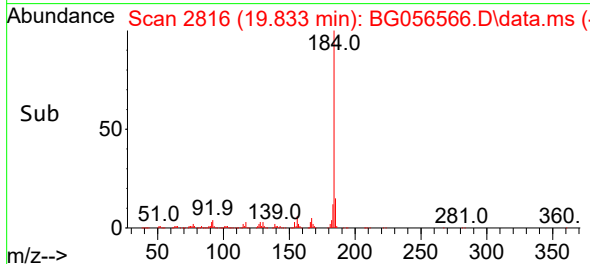
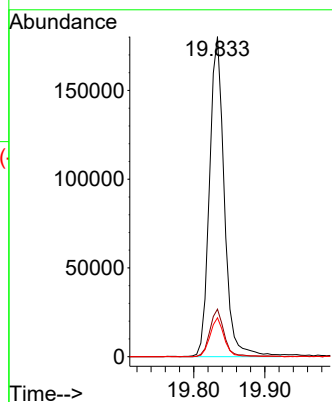
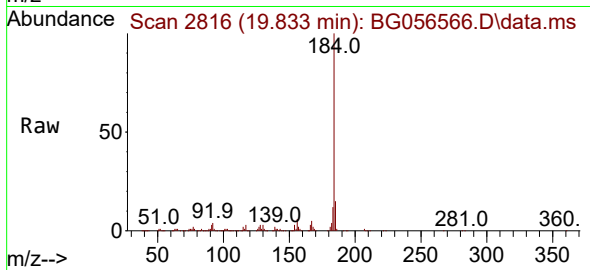




#77
Benzidine
Concen: 35.201 ng
RT: 19.833 min Scan# 2816
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

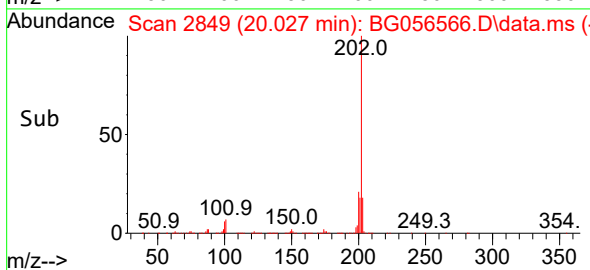
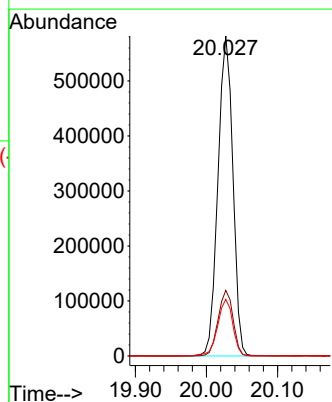
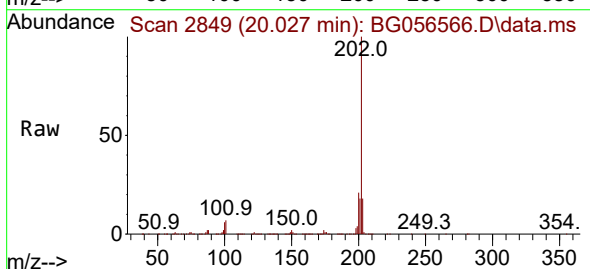
Instrument :
BNA_G
ClientSampleId :
PB150708BS

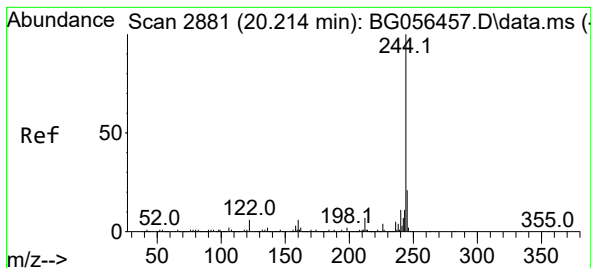
Tgt Ion:184 Resp: 262115
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 12.1 9.8 14.8



#78
Pyrene
Concen: 43.166 ng
RT: 20.027 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:202 Resp: 844761
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 89.935 ng

RT: 20.203 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

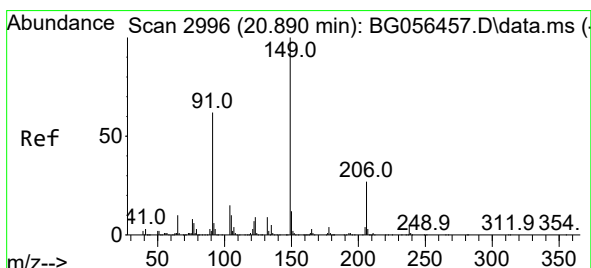
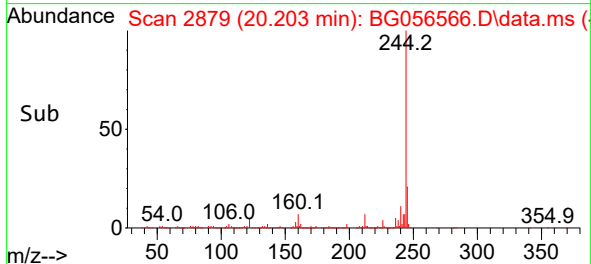
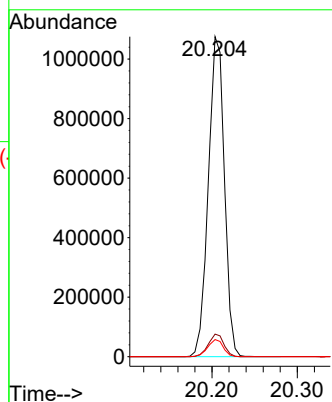
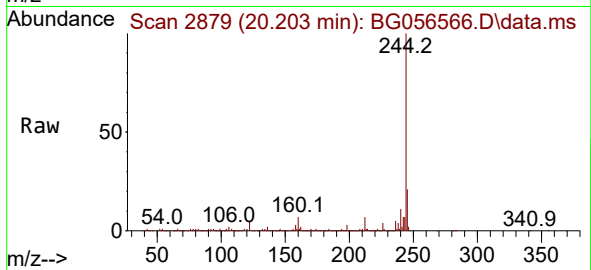
Tgt Ion:244 Resp: 1408976

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 5.3 4.4 6.6



#80

Butylbenzylphthalate

Concen: 42.271 ng

RT: 20.879 min Scan# 2994

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

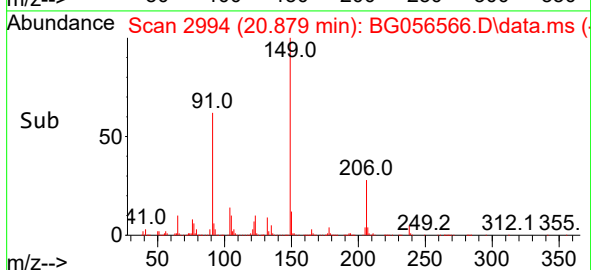
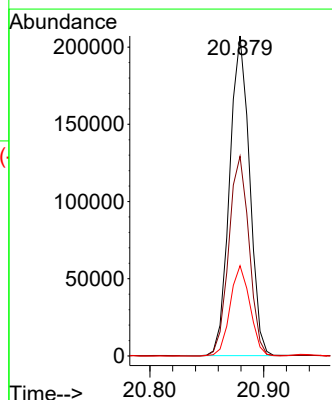
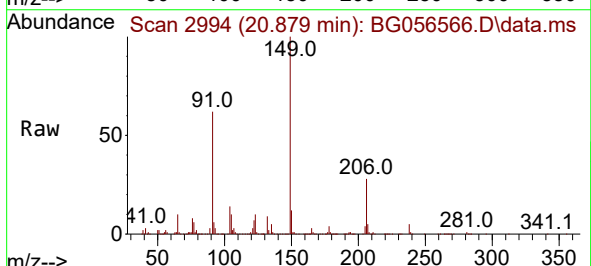
Tgt Ion:149 Resp: 252647

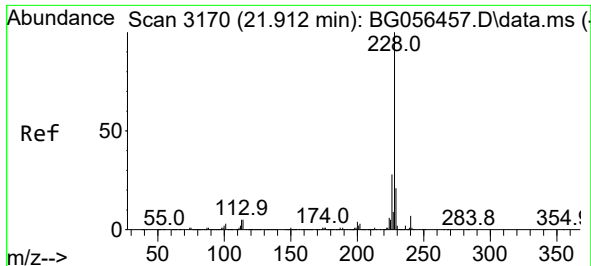
Ion Ratio Lower Upper

149 100

91 62.4 49.4 74.0

206 28.2 22.0 33.0

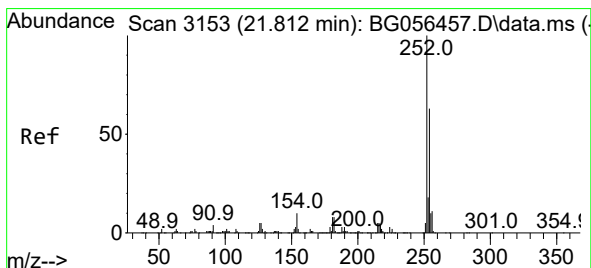
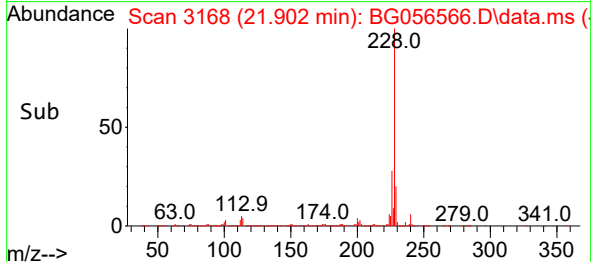
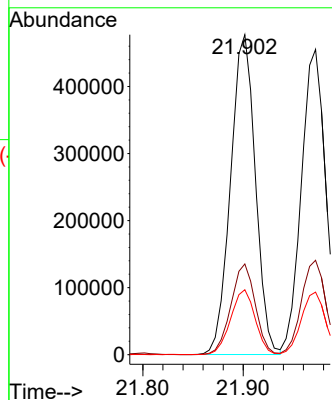
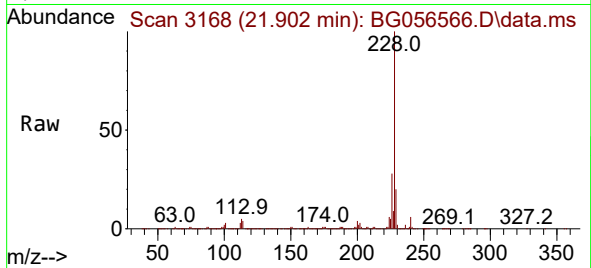




#81
Benzo(a)anthracene
Concen: 42.649 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

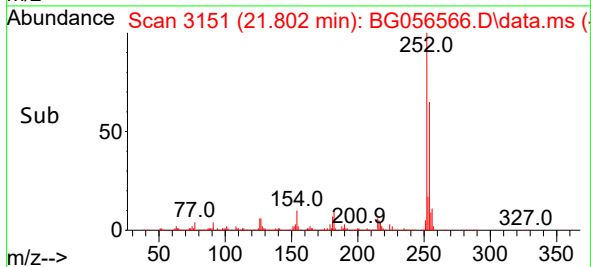
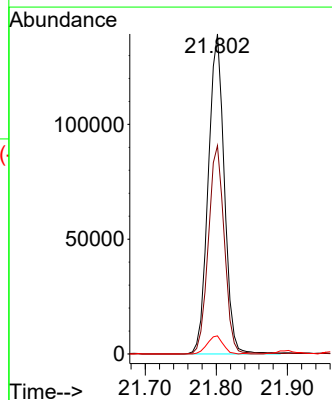
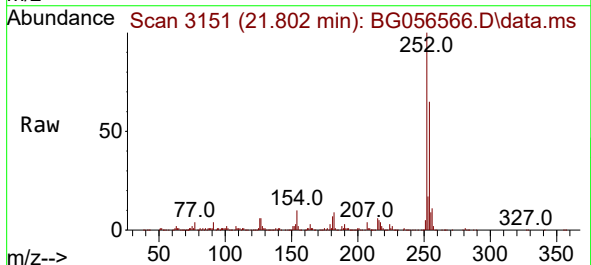
Instrument :
BNA_G
ClientSampleId :
PB150708BS

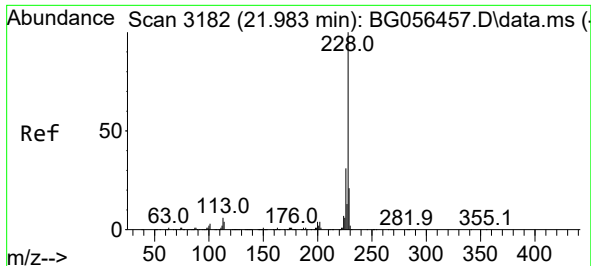
Tgt Ion:228 Resp: 820445
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.3 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 31.656 ng
RT: 21.802 min Scan# 3151
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:252 Resp: 219296
Ion Ratio Lower Upper
252 100
254 65.1 50.0 75.0
126 5.7 4.3 6.5





#83

Chrysene

Concen: 42.232 ng

RT: 21.972 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

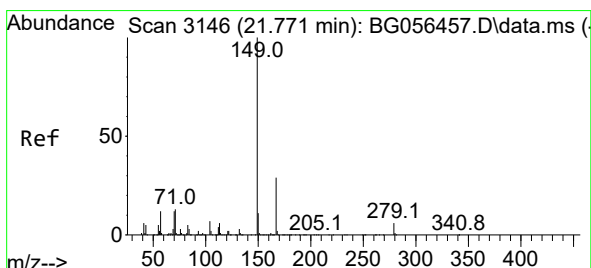
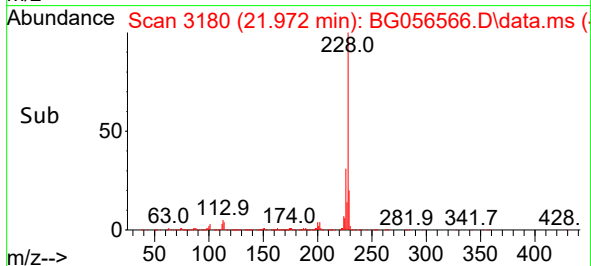
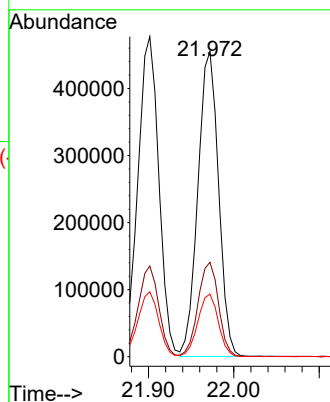
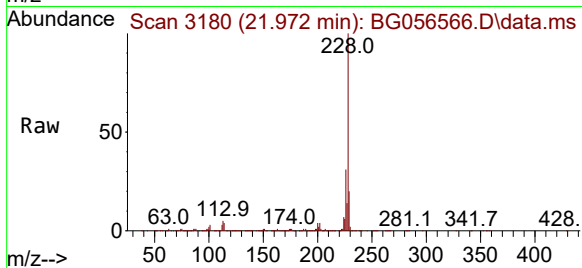
Tgt Ion:228 Resp: 763258

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

229 20.5 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.523 ng

RT: 21.755 min Scan# 3143

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

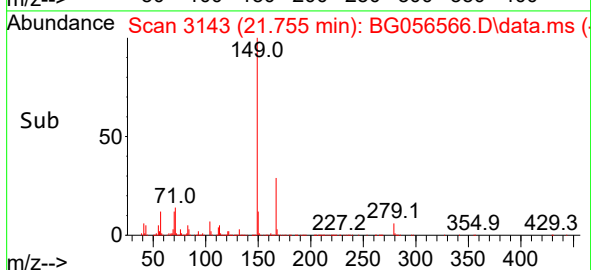
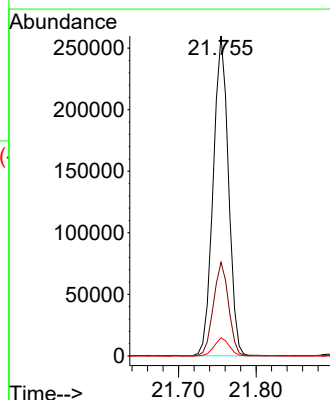
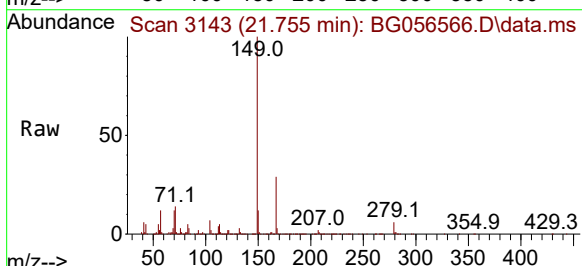
Tgt Ion:149 Resp: 355810

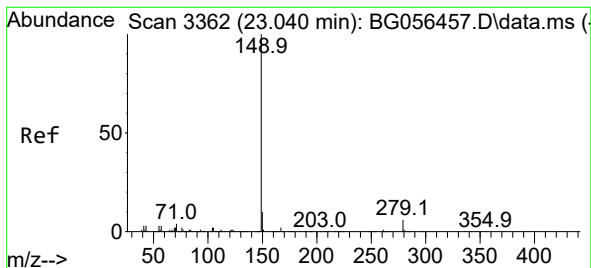
Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.2

279 5.7 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 42.520 ng

RT: 23.024 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

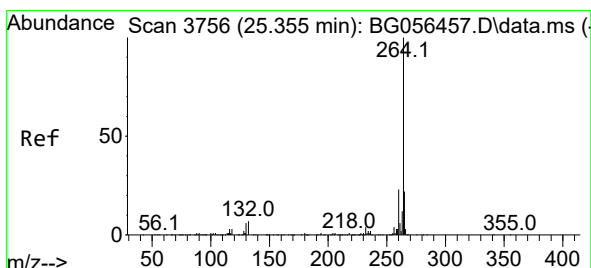
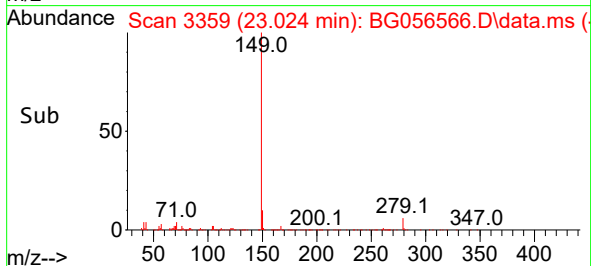
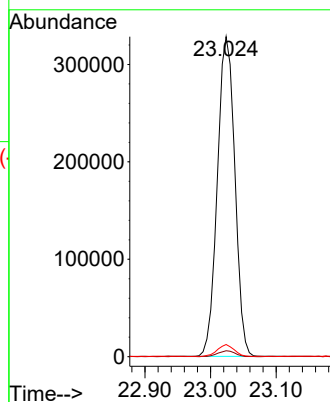
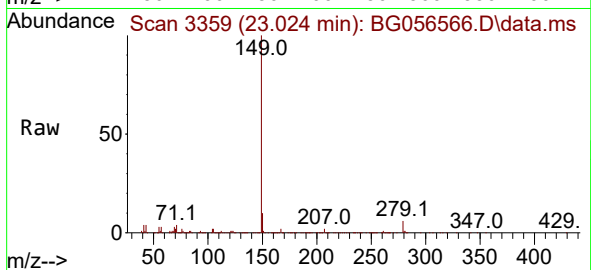
Tgt Ion:149 Resp: 606777

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 3.5 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.345 min Scan# 3754

Delta R.T. 0.007 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

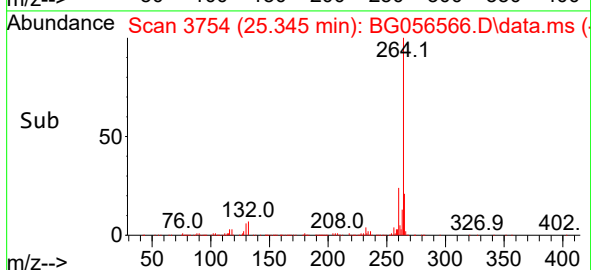
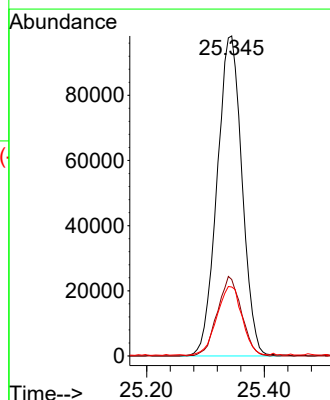
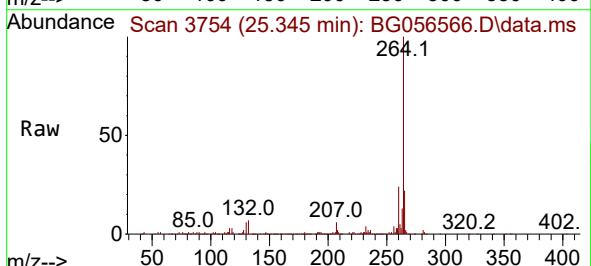
Tgt Ion:264 Resp: 288964

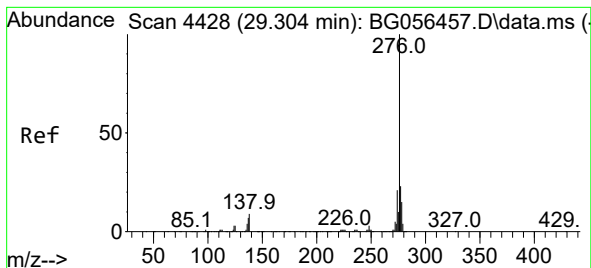
Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.289 ng

RT: 29.293 min Scan# 4428

Delta R.T. 0.007 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

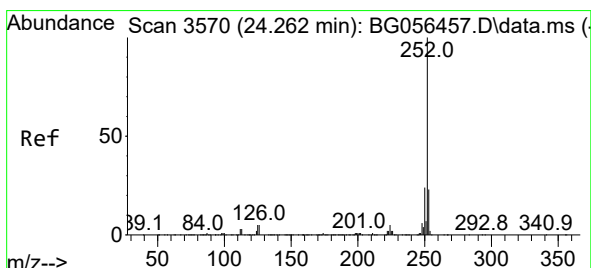
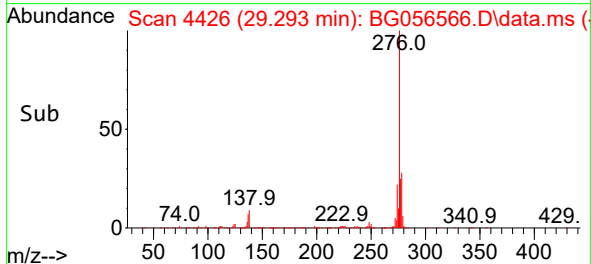
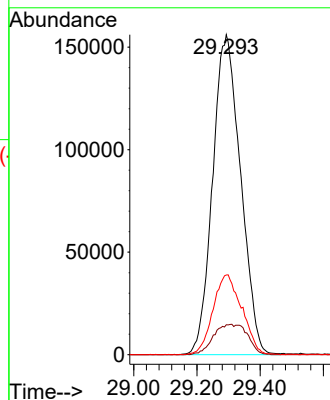
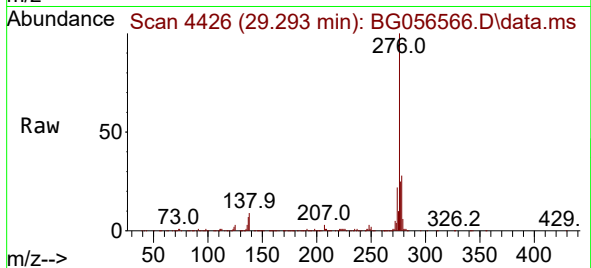
Tgt Ion:276 Resp: 957976

Ion Ratio Lower Upper

276 100

138 6.9 9.4 14.2#

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.010 ng

RT: 24.252 min Scan# 3568

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

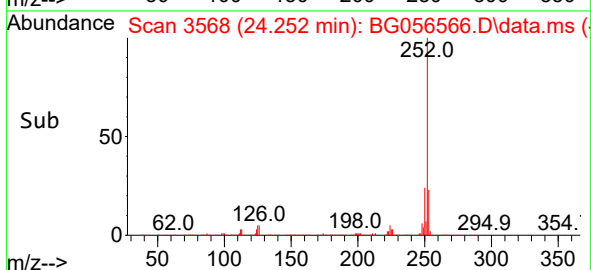
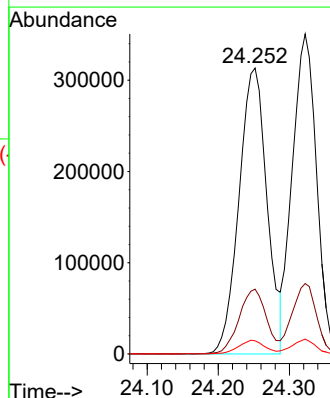
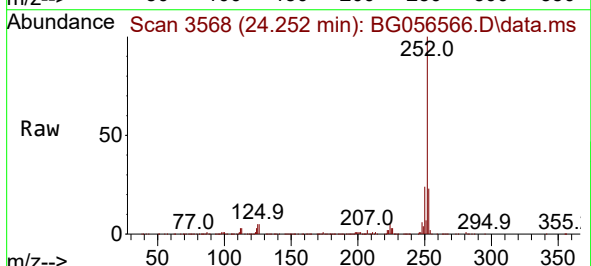
Tgt Ion:252 Resp: 861087

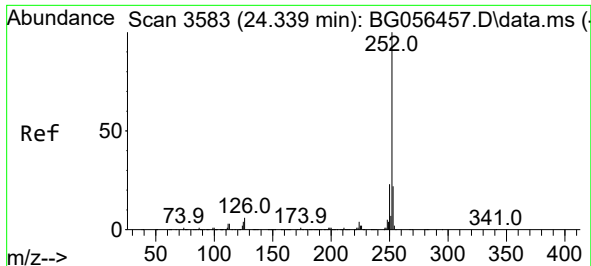
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 4.6 3.9 5.9

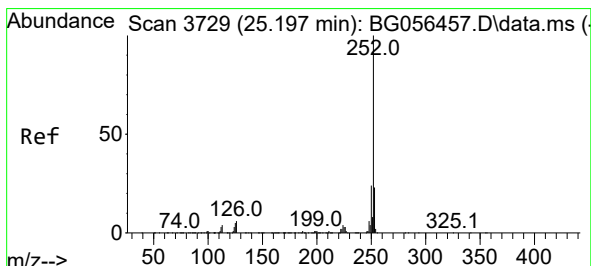
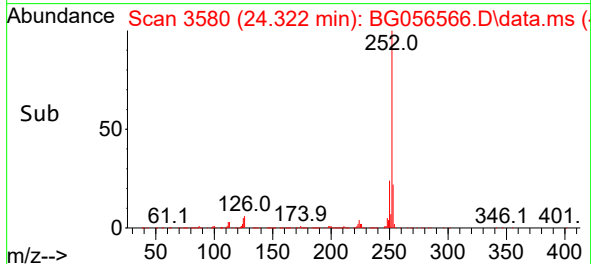
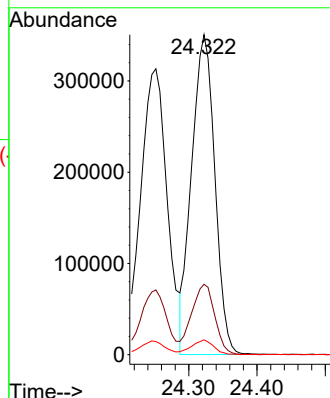
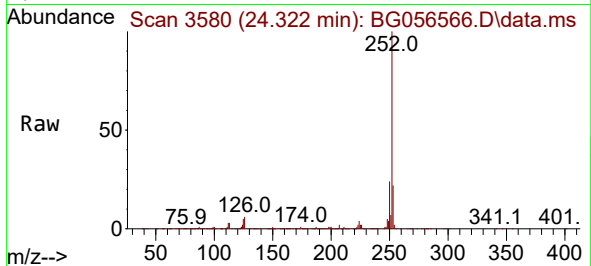




#89
Benzo(k)fluoranthene
Concen: 45.634 ng
RT: 24.322 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

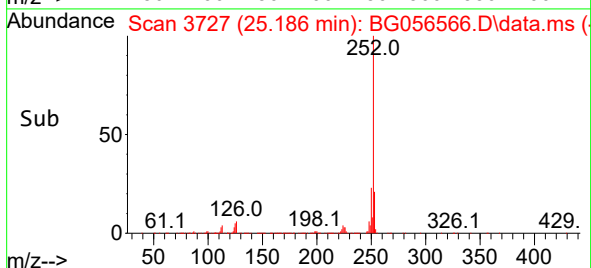
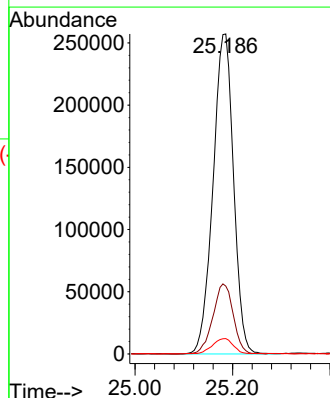
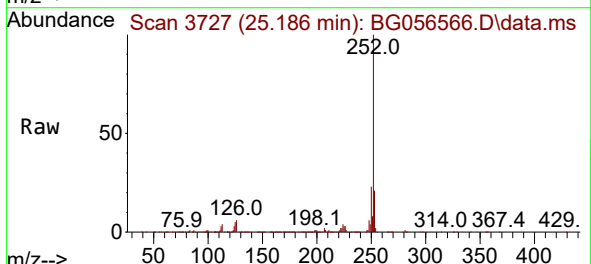
Instrument :
BNA_G
ClientSampleId :
PB150708BS

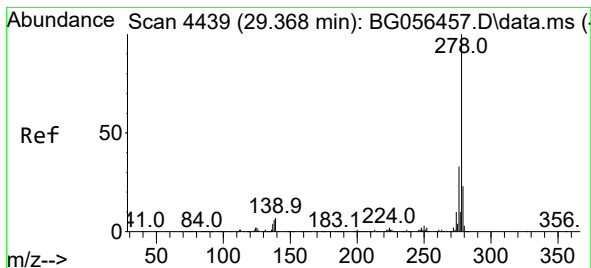
Tgt Ion:252 Resp: 826373
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 4.6 3.4 5.0



#90
Benzo(a)pyrene
Concen: 42.575 ng
RT: 25.186 min Scan# 3727
Delta R.T. 0.007 min
Lab File: BG056566.D
Acq: 7 Feb 2023 13:46

Tgt Ion:252 Resp: 752204
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 4.8 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 45.992 ng

RT: 29.346 min Scan# 4439

Delta R.T. 0.001 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Instrument :

BNA_G

ClientSampleId :

PB150708BS

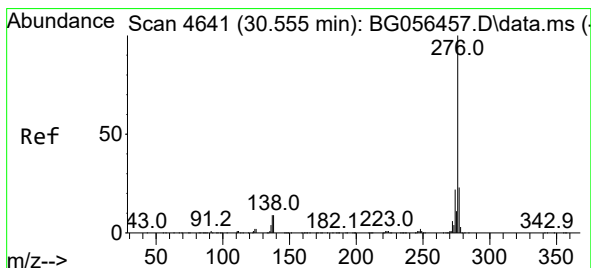
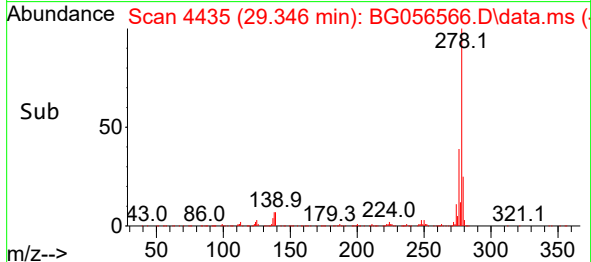
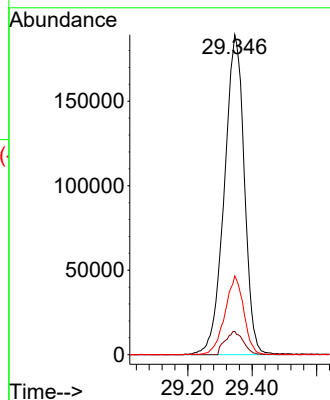
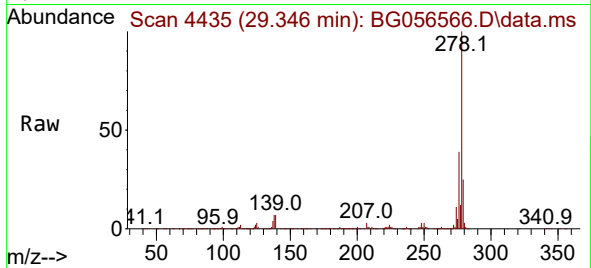
Tgt Ion:278 Resp: 816611

Ion Ratio Lower Upper

278 100

139 7.3 5.5 8.3

279 24.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.726 ng

RT: 30.533 min Scan# 4637

Delta R.T. 0.007 min

Lab File: BG056566.D

Acq: 7 Feb 2023 13:46

Tgt Ion:276 Resp: 783378

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 10.0 7.4 11.0

