

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056519.D
 Acq On : 2 Feb 2023 18:12
 Operator : CG/JU
 Sample : PB150385BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

Quant Time: Feb 03 05:57:20 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 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	29868	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	109827	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	89419	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	237993	20.000	ng	0.00
76) Chrysene-d12	21.925	240	255452	20.000	ng	0.00
86) Perylene-d12	25.350	264	283171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	198958	122.539	ng	0.00
7) Phenol-d6	7.424	99	275409	114.482	ng	0.00
23) Nitrobenzene-d5	9.451	82	142503	73.680	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	129174	108.662	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	466274	72.295	ng	0.00
79) Terphenyl-d14	20.209	244	1001153	68.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	33637	49.754	ng	96
3) Pyridine	4.011	79	83784	41.574	ng	93
4) n-Nitrosodimethylamine	3.923	42	19079	44.517	ng	92
6) Aniline	7.589	93	107413	34.103	ng	99
8) 2-Chlorophenol	7.836	128	86165	48.308	ng	94
9) Benzaldehyde	7.401	77	53738	55.628	ng	95
10) Phenol	7.448	94	121851	49.835	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	76998	45.815	ng	97
12) 1,3-Dichlorobenzene	8.165	146	100560	48.967	ng	99
13) 1,4-Dichlorobenzene	8.312	146	102615	49.340	ng	97
14) 1,2-Dichlorobenzene	8.635	146	96788	47.967	ng	99
15) Benzyl Alcohol	8.511	79	75514	45.751	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.799	45	15067	42.312	ng	88
17) 2-Methylphenol	8.717	107	83948	45.130	ng	99
18) Hexachloroethane	9.375	117	30179	47.977	ng	92
19) n-Nitroso-di-n-propyla...	9.081	70	58560	42.240	ng	96
20) 3+4-Methylphenols	9.046	107	117018	44.889	ng	98
22) Acetophenone	9.105	105	134118	45.961	ng	# 98
24) Nitrobenzene	9.498	77	90691	48.613	ng	95
25) Isophorone	10.015	82	174843	43.820	ng	99
26) 2-Nitrophenol	10.209	139	53754	47.490	ng	96
27) 2,4-Dimethylphenol	10.256	122	92126	48.633	ng	97
28) bis(2-Chloroethoxy)met...	10.491	93	104165	47.257	ng	97
29) 2,4-Dichlorophenol	10.750	162	109117	51.174	ng	97
30) 1,2,4-Trichlorobenzene	10.967	180	116237	49.055	ng	98
31) Naphthalene	11.161	128	267493	46.146	ng	97
32) Benzoic acid	10.409	122	45370	42.809	ng	85
33) 4-Chloroaniline	11.267	127	76802	28.384	ng	97
34) Hexachlorobutadiene	11.431	225	83402	50.144	ng	95
35) Caprolactam	12.025	113	17426	24.232	ng	93
36) 4-Chloro-3-methylphenol	12.366	107	98677	47.920	ng	97
37) 2-Methylnaphthalene	12.742	142	208655	43.662	ng	98
38) 1-Methylnaphthalene	12.959	142	193338	43.318	ng	98
40) 1,2,4,5-Tetrachloroben...	13.106	216	156646	47.951	ng	98
41) Hexachlorocyclopentadiene	13.082	237	191628	108.215	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	106113	50.405	ng	98

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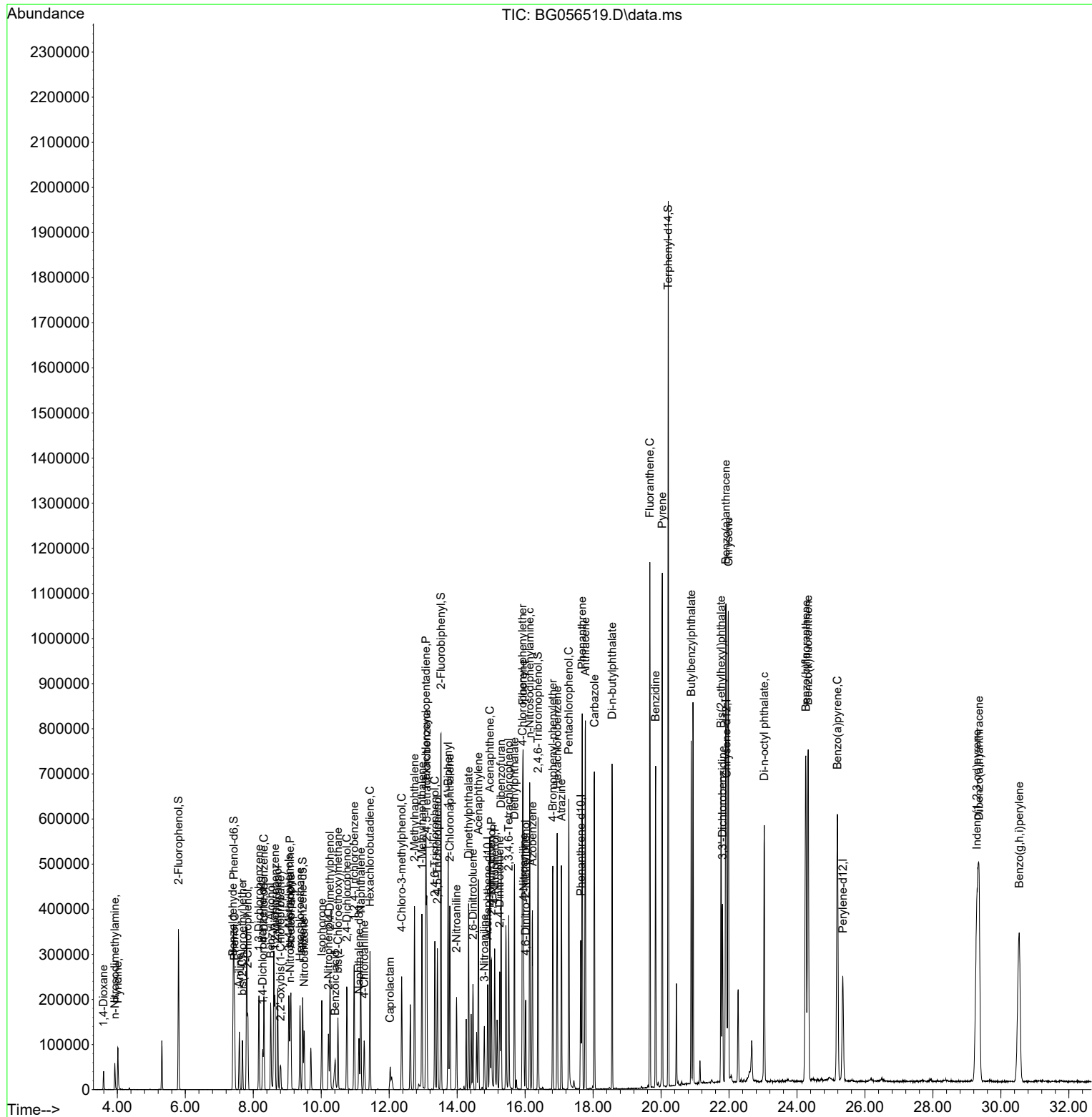
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	110793	44.950	ng	98
46) 1,1'-Biphenyl	13.735	154	303328	46.768	ng	98
47) 2-Chloronaphthalene	13.782	162	241120	47.563	ng	99
48) 2-Nitroaniline	13.981	65	50389	48.082	ng	96
49) Acenaphthylene	14.622	152	374974	45.463	ng	99
50) Dimethylphthalate	14.334	163	319814	44.208	ng	100
51) 2,6-Dinitrotoluene	14.463	165	70798	44.876	ng	97
52) Acenaphthene	14.963	154	221843	45.356	ng	98
53) 3-Nitroaniline	14.798	138	47981	31.371	ng	97
54) 2,4-Dinitrophenol	15.010	184	103915	105.066	ng	99
55) Dibenzofuran	15.292	168	395250	45.060	ng	99
56) 4-Nitrophenol	15.104	139	107815	103.165	ng	97
57) 2,4-Dinitrotoluene	15.250	165	102163	45.974	ng	97
58) Fluorene	15.938	166	323359	46.328	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.515	232	107719	49.153	ng	99
60) Diethylphthalate	15.685	149	300711	44.267	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	198103	46.514	ng	99
62) 4-Nitroaniline	15.956	138	71517	46.730	ng	96
63) Azobenzene	16.214	77	224175	47.960	ng	98
65) 4,6-Dinitro-2-methylph...	16.014	198	75325	45.018	ng	99
66) n-Nitrosodiphenylamine	16.132	169	297262	44.115	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	135226	44.384	ng	96
68) Hexachlorobenzene	16.943	284	137446	46.060	ng	98
69) Atrazine	17.066	200	136332	52.444	ng	95
70) Pentachlorophenol	17.283	266	158309	87.677	ng	97
71) Phenanthrene	17.677	178	580327	46.590	ng	98
72) Anthracene	17.771	178	585371	45.780	ng	99
73) Carbazole	18.035	167	527045	48.396	ng	99
74) Di-n-butylphthalate	18.558	149	545811	47.733	ng	100
75) Fluoranthene	19.669	202	772939	49.166	ng	99
77) Benzidine	19.839	184	453018	65.533	ng	98
78) Pyrene	20.033	202	790648	43.518	ng	99
80) Butylbenzylphthalate	20.885	149	246640	44.450	ng	100
81) Benzo(a)anthracene	21.902	228	817037	45.749	ng	100
82) 3,3'-Dichlorobenzidine	21.808	252	178820	27.805	ng	99
83) Chrysene	21.978	228	757390	45.141	ng	99
84) Bis(2-ethylhexyl)phtha...	21.766	149	363277	45.665	ng	99
85) Di-n-octyl phthalate	23.035	149	616319	46.521	ng	100
87) Indeno(1,2,3-cd)pyrene	29.293	276	987625	47.646	ng	# 95
88) Benzo(b)fluoranthene	24.258	252	866638	49.307	ng	98
89) Benzo(k)fluoranthene	24.328	252	848597	47.820	ng	100
90) Benzo(a)pyrene	25.186	252	764655	44.165	ng	97
91) Dibenzo(a,h)anthracene	29.352	278	824377	47.380	ng	99
92) Benzo(g,h,i)perylene	30.538	276	800311	47.670	ng	97

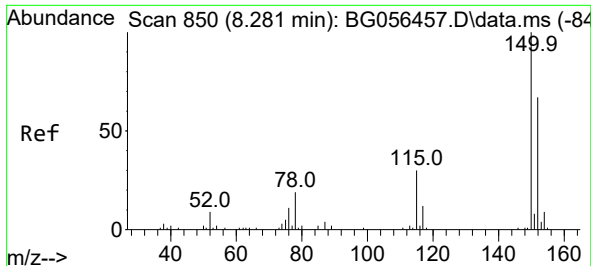
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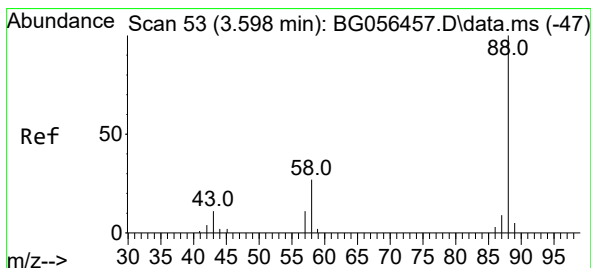
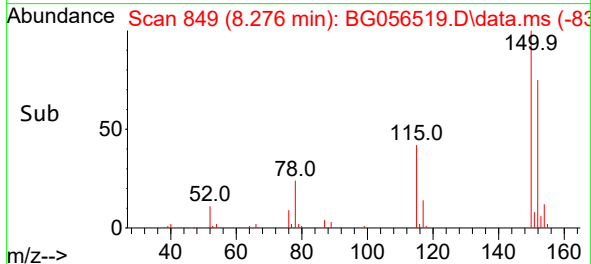
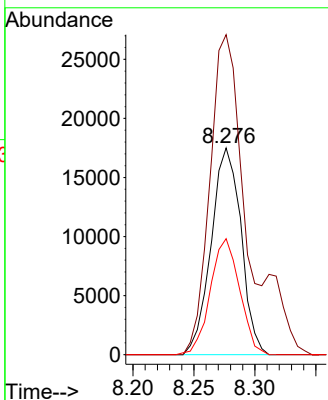
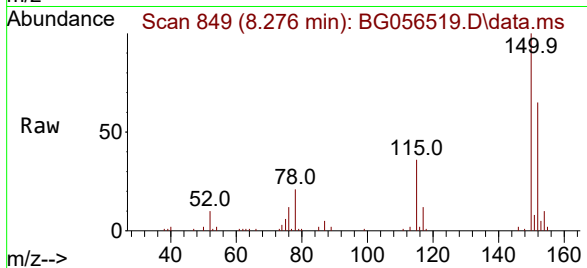




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.276 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG056519.D
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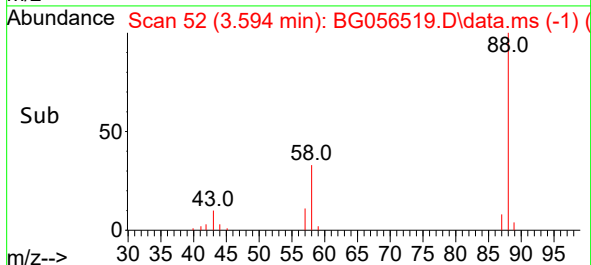
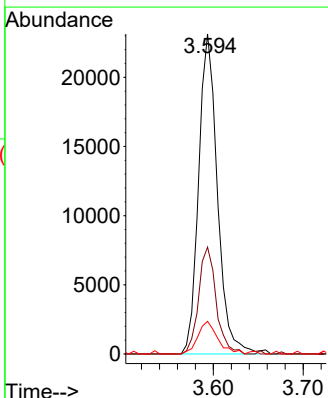
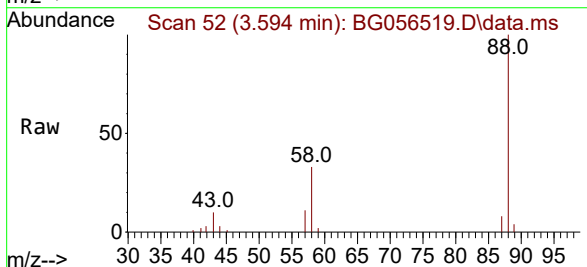
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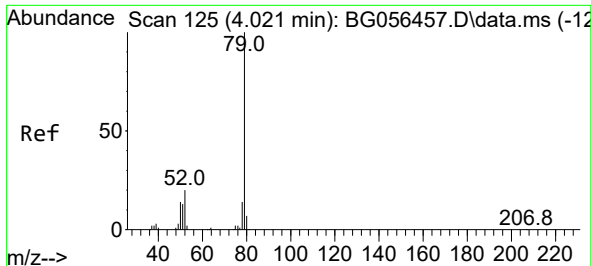
Tgt Ion:152 Resp: 29868
 Ion Ratio Lower Upper
 152 100
 150 154.8 120.2 180.4
 115 56.1 36.3 54.5#



#2
 1,4-Dioxane
 Concen: 49.754 ng
 RT: 3.594 min Scan# 52
 Delta R.T. -0.005 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Tgt Ion: 88 Resp: 33637
 Ion Ratio Lower Upper
 88 100
 58 31.2 23.0 34.4
 43 10.7 8.0 12.0

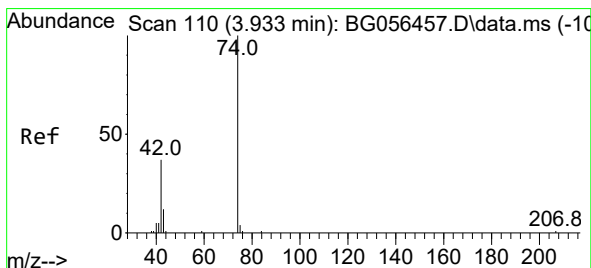
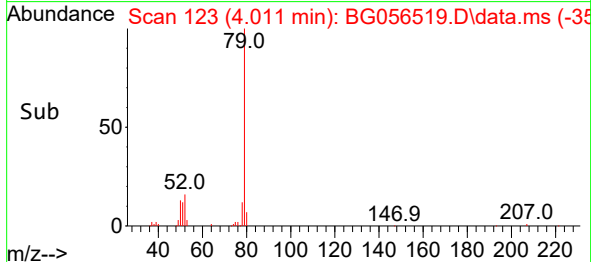
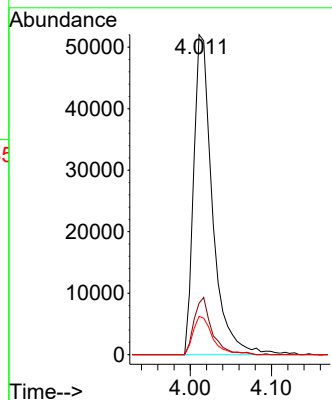
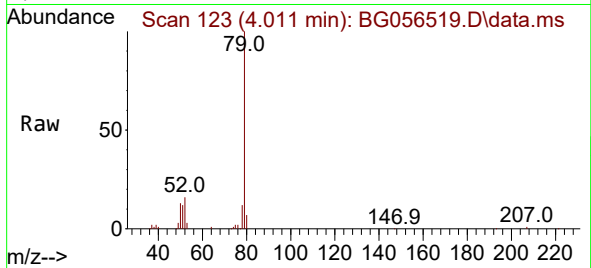




#3
Pyridine
Concen: 41.574 ng
RT: 4.011 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

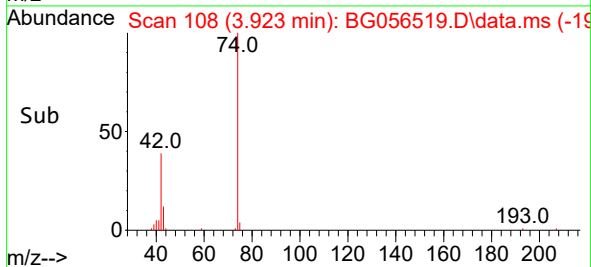
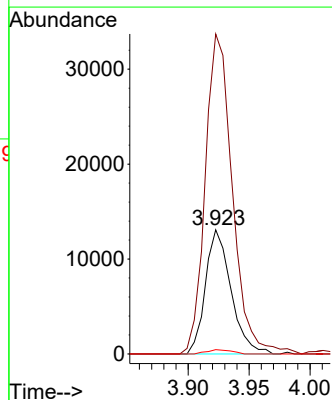
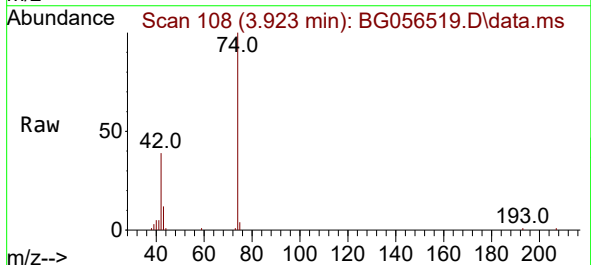
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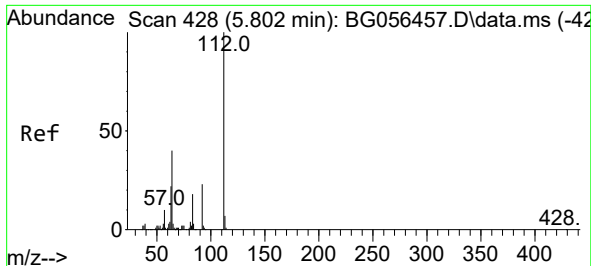
Tgt Ion: 79 Resp: 83784
Ion Ratio Lower Upper
79 100
52 16.1 16.1 24.1
51 11.9 10.7 16.1



#4
n-Nitrosodimethylamine
Concen: 44.517 ng
RT: 3.923 min Scan# 108
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 42 Resp: 19079
Ion Ratio Lower Upper
42 100
74 257.9 217.9 326.9
44 3.4 3.0 4.6

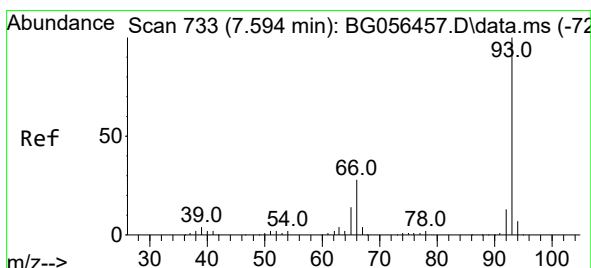
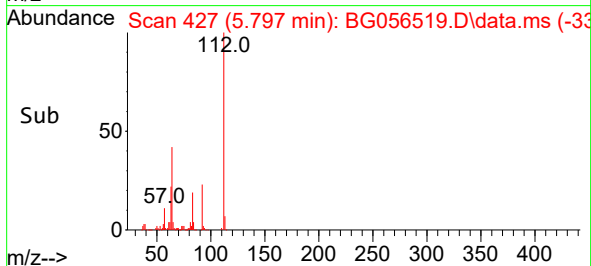
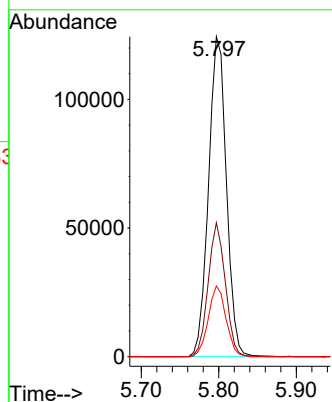
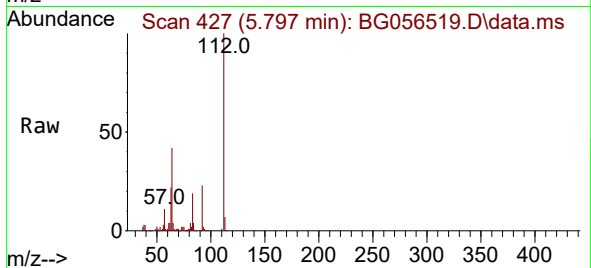




#5
2-Fluorophenol
Concen: 122.539 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

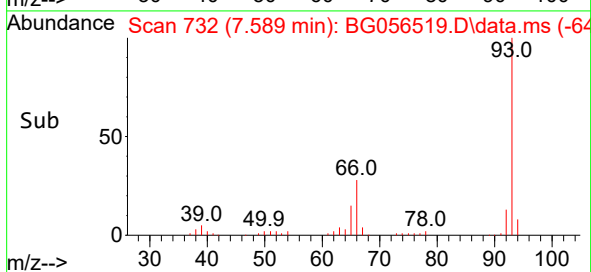
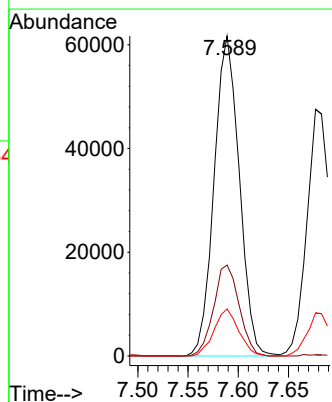
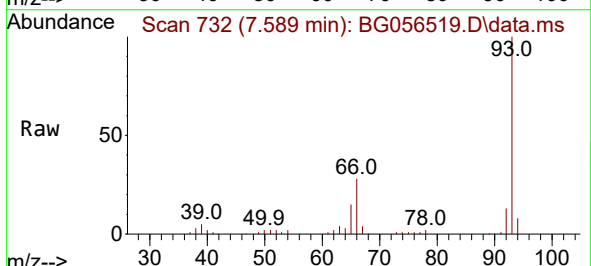
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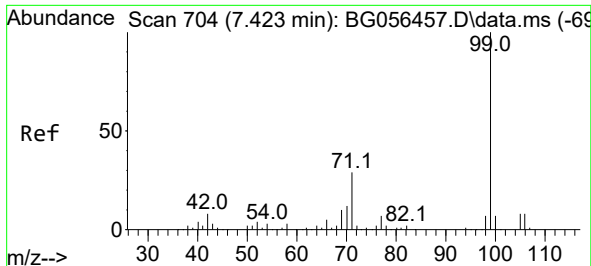
Tgt Ion:112 Resp: 198958
Ion Ratio Lower Upper
112 100
64 41.9 31.9 47.9
63 22.1 17.4 26.0



#6
Aniline
Concen: 34.103 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 93 Resp: 107413
Ion Ratio Lower Upper
93 100
66 28.4 22.2 33.2
65 14.7 11.3 16.9

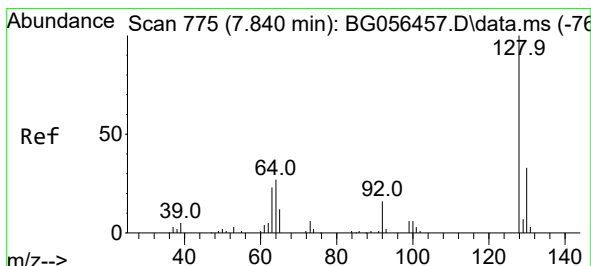
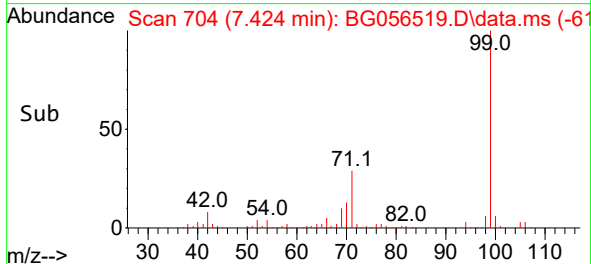
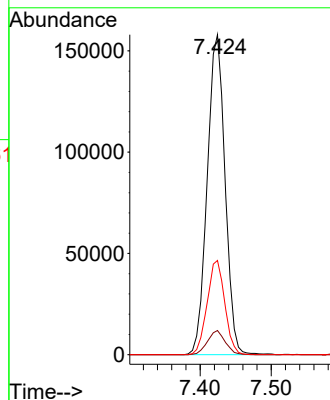
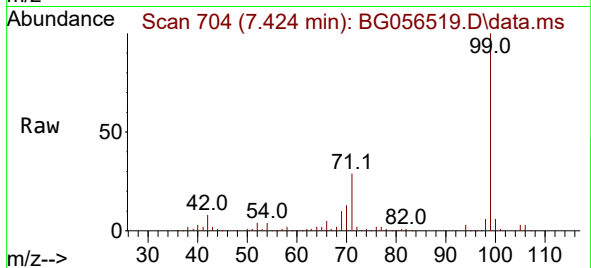




#7
Phenol-d6
Concen: 114.482 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

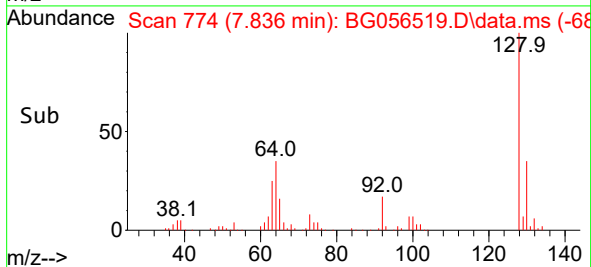
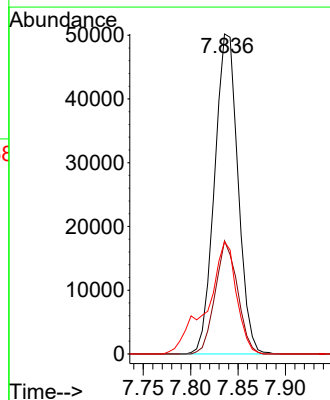
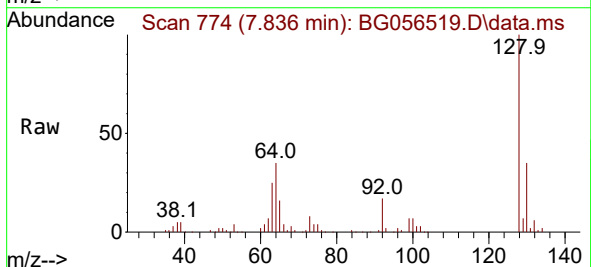
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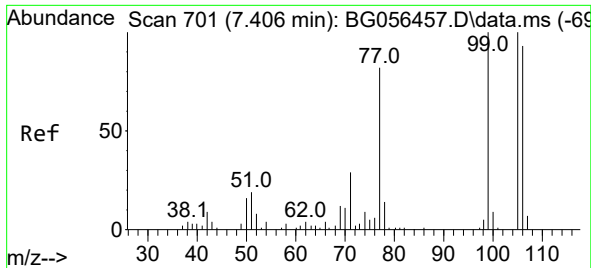
Tgt Ion: 99 Resp: 275409
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 29.5 23.4 35.0



#8
2-Chlorophenol
Concen: 48.308 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:128 Resp: 86165
Ion Ratio Lower Upper
128 100
130 35.4 12.8 52.8
64 35.1 11.3 51.3

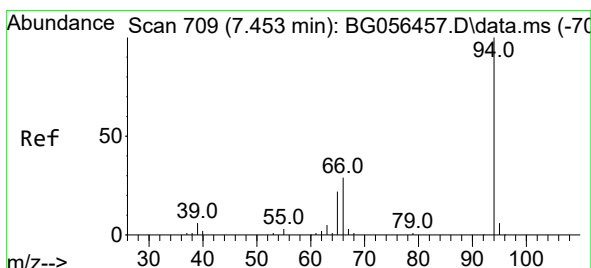
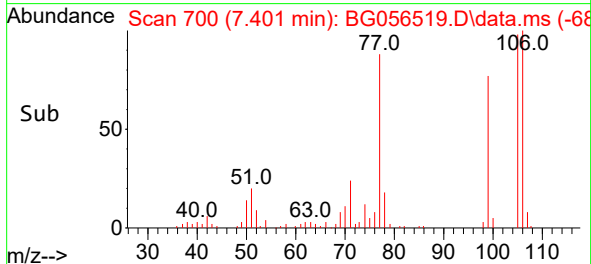
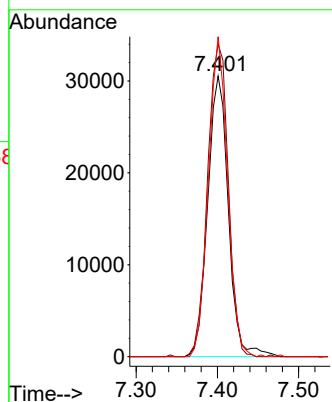
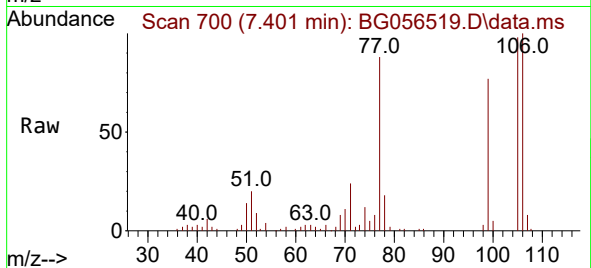




#9
Benzaldehyde
Concen: 55.628 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
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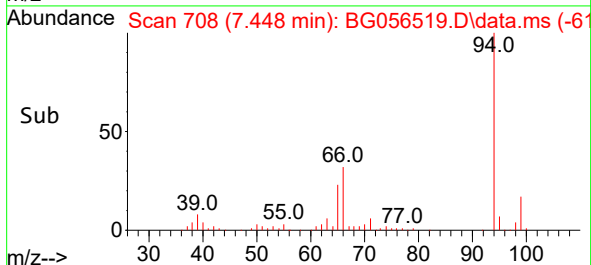
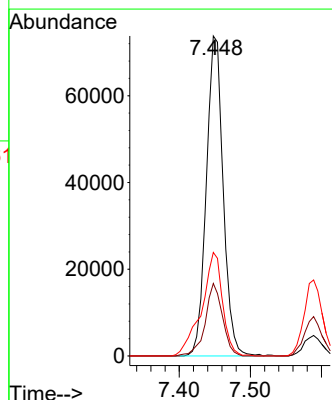
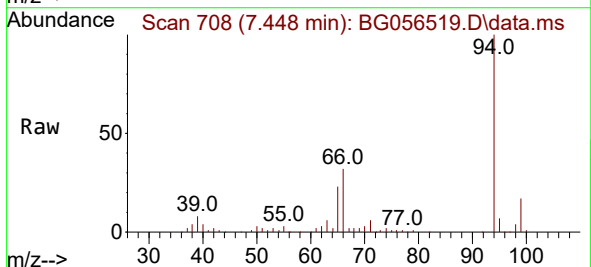
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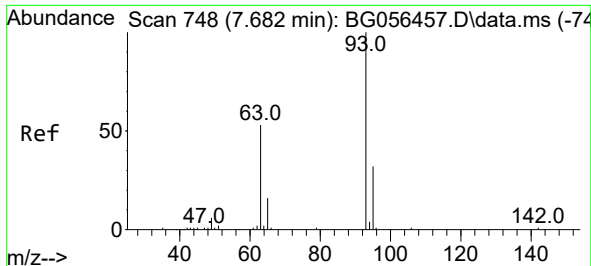
Tgt Ion: 77 Resp: 53738
Ion Ratio Lower Upper
77 100
105 111.4 101.8 141.8
106 114.0 93.0 133.0



#10
Phenol
Concen: 49.835 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056519.D
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Tgt Ion: 94 Resp: 121851
Ion Ratio Lower Upper
94 100
65 22.6 2.3 42.3
66 32.4 11.2 51.2

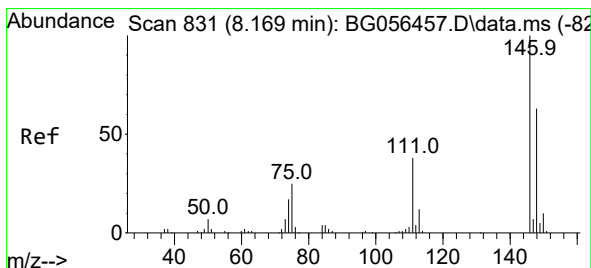
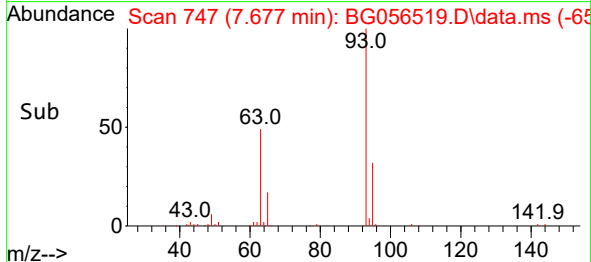
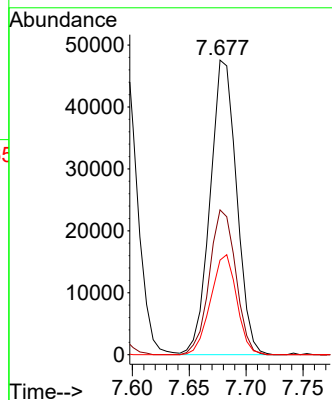
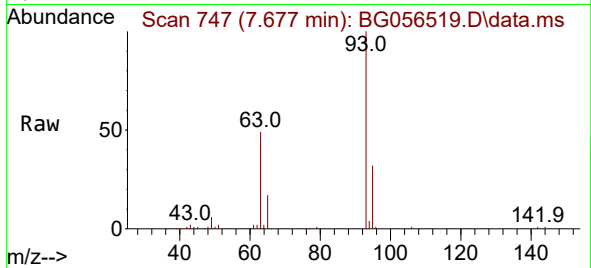




#11
bis(2-Chloroethyl)ether
Concen: 45.815 ng
RT: 7.677 min Scan# 748
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

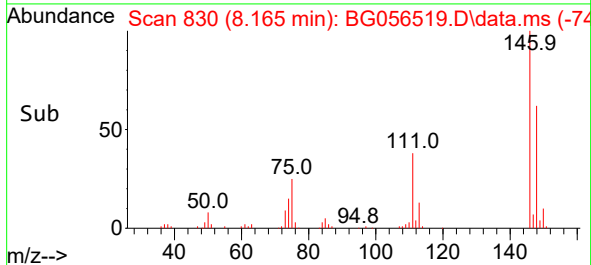
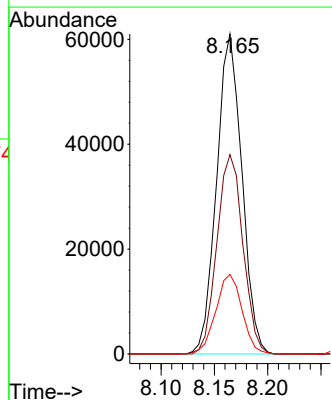
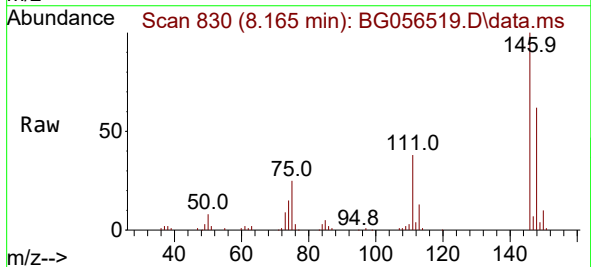
Instrument :
BNA_G
ClientSampleId :
PB150385BS

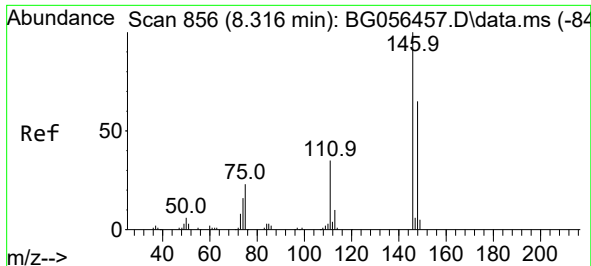
Tgt Ion: 93 Resp: 76998
Ion Ratio Lower Upper
93 100
63 49.1 32.4 72.4
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 48.967 ng
RT: 8.165 min Scan# 830
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 146 Resp: 100560
Ion Ratio Lower Upper
146 100
148 62.3 50.6 75.8
75 24.8 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.340 ng

RT: 8.312 min Scan# 8

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

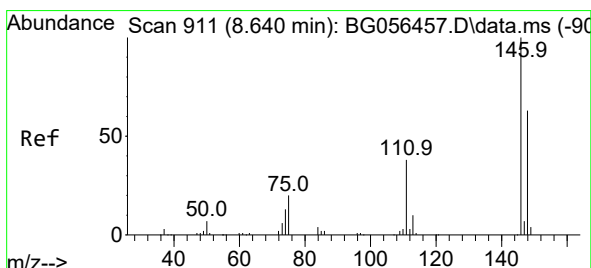
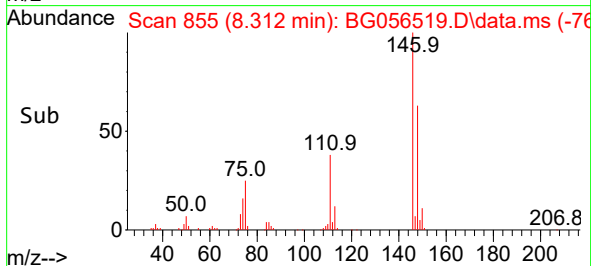
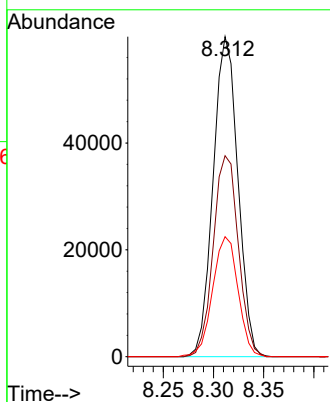
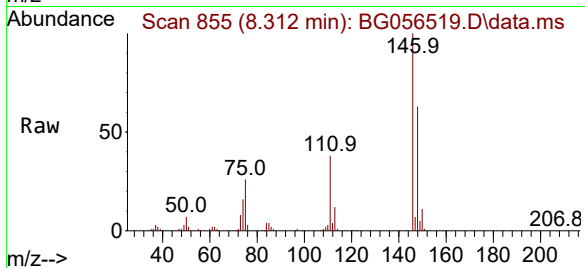
Tgt Ion:146 Resp: 102615

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

111 37.5 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 47.967 ng

RT: 8.635 min Scan# 910

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

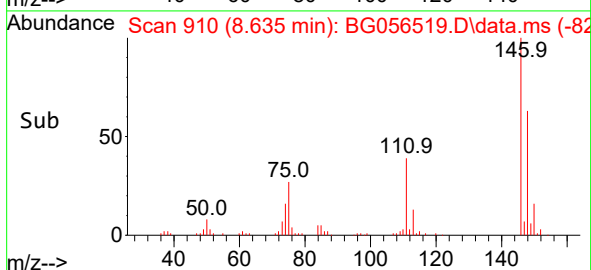
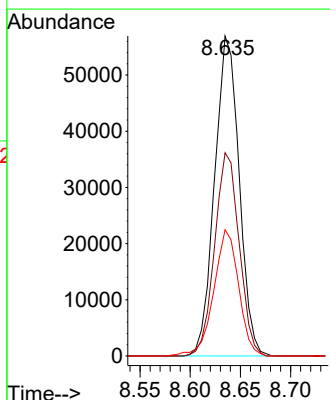
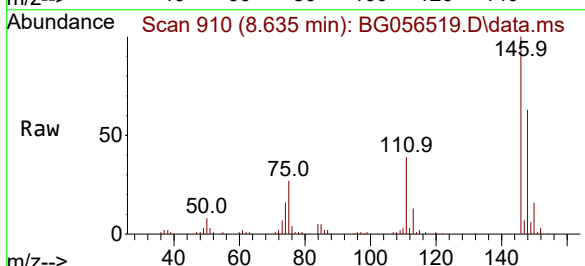
Tgt Ion:146 Resp: 96788

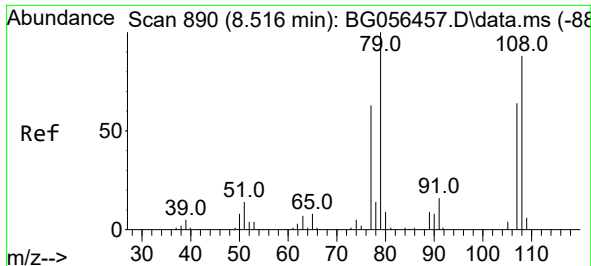
Ion Ratio Lower Upper

146 100

148 63.5 50.1 75.1

111 39.5 30.9 46.3

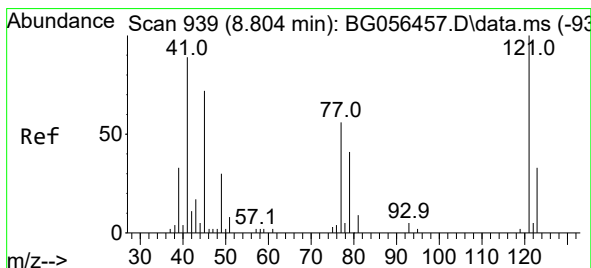
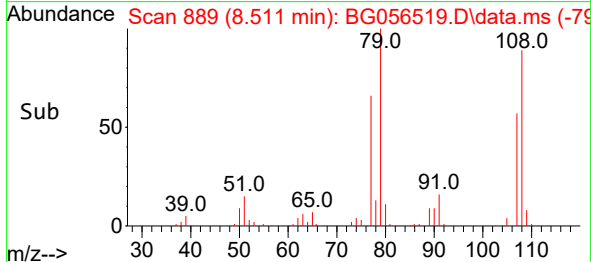
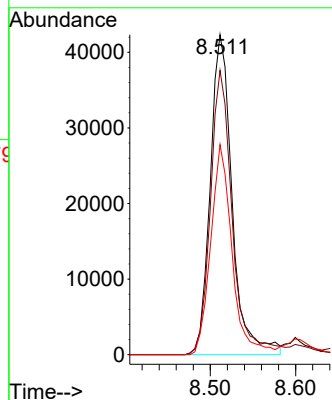
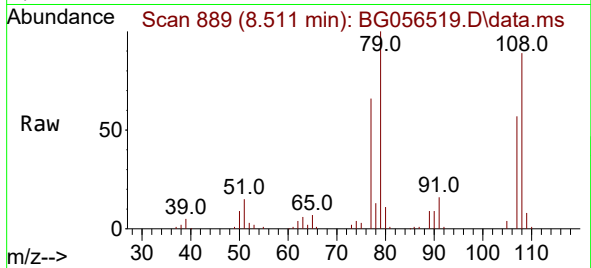




#15
Benzyl Alcohol
Concen: 45.751 ng
RT: 8.511 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

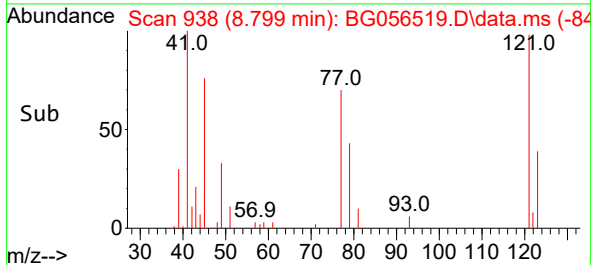
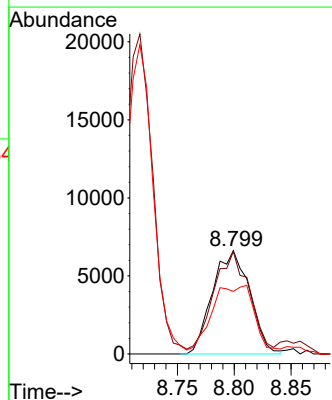
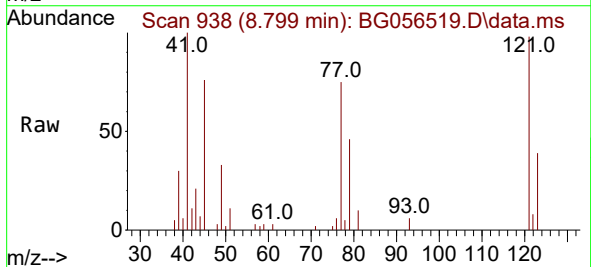
Instrument :
BNA_G
ClientSampleId :
PB150385BS

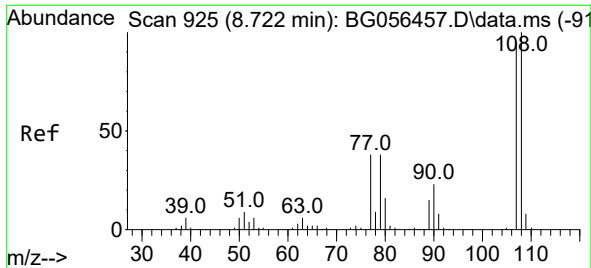
Tgt Ion: 79 Resp: 75514
Ion Ratio Lower Upper
79 100
108 88.8 70.1 105.1
77 65.7 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.312 ng
RT: 8.799 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

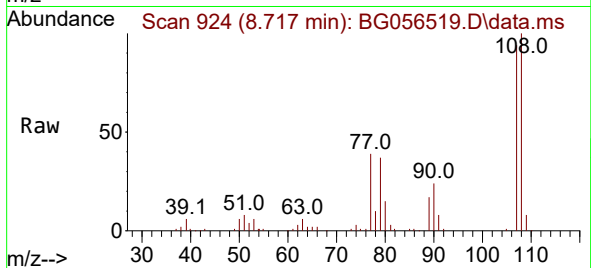
Tgt Ion: 45 Resp: 15067
Ion Ratio Lower Upper
45 100
77 99.1 62.1 102.1
79 60.6 42.7 82.7



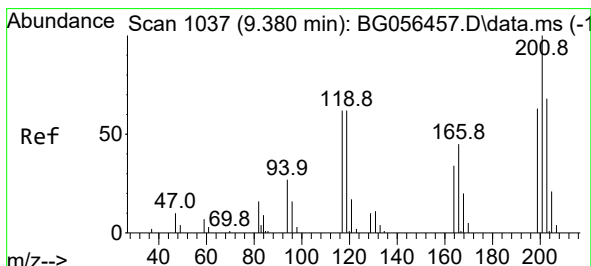
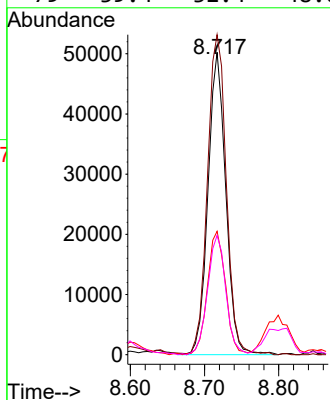
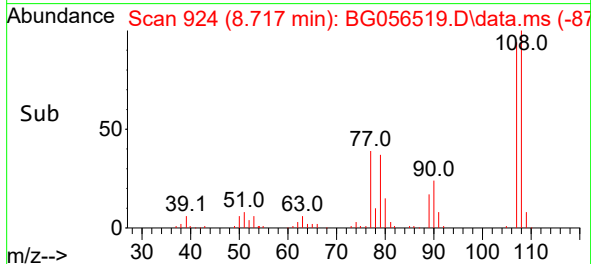


#17
2-Methylphenol
Concen: 45.130 ng
RT: 8.717 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

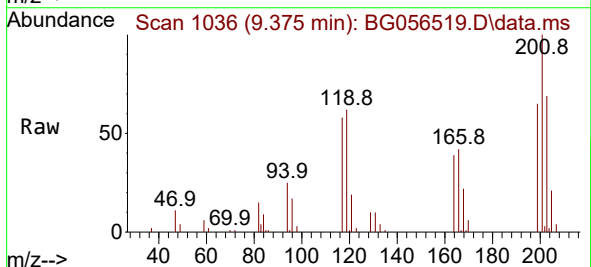
Instrument :
BNA_G
ClientSampleId :
PB150385BS



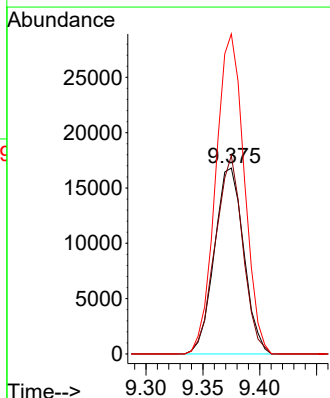
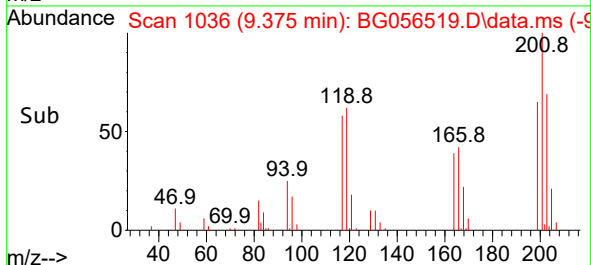
Tgt Ion:107 Resp: 83948
Ion Ratio Lower Upper
107 100
108 105.8 83.9 125.9
77 40.8 31.6 47.4
79 39.4 32.4 48.6

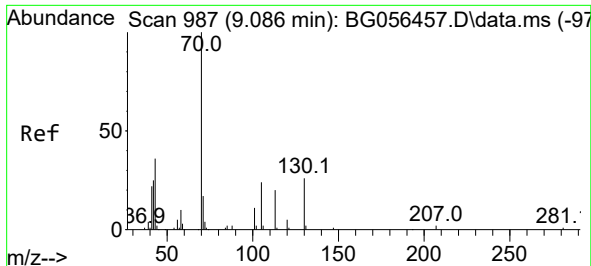


#18
Hexachloroethane
Concen: 47.977 ng
RT: 9.375 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:117 Resp: 30179
Ion Ratio Lower Upper
117 100
119 106.7 79.4 119.0
201 172.1 128.5 192.7

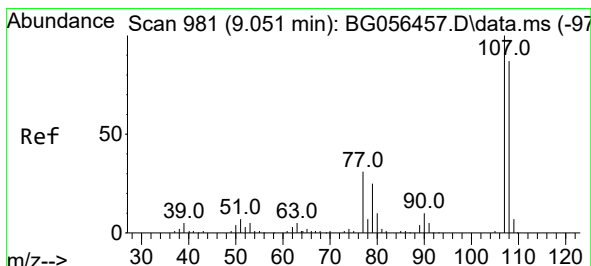
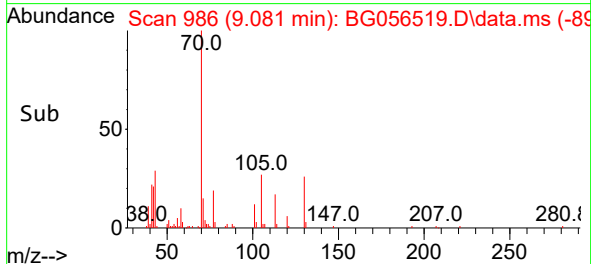
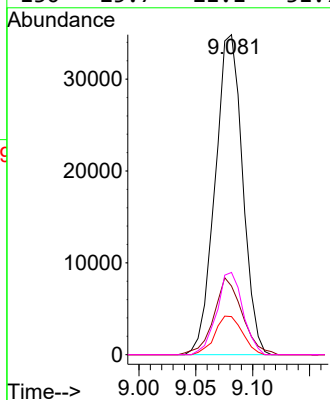
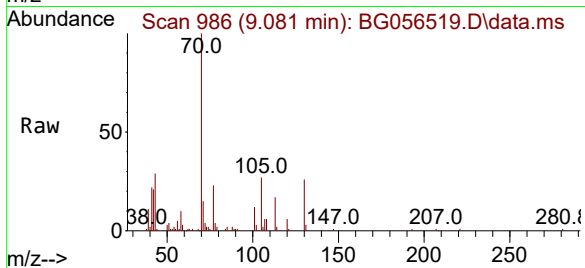




#19
n-Nitroso-di-n-propylamine
Concen: 42.240 ng
RT: 9.081 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

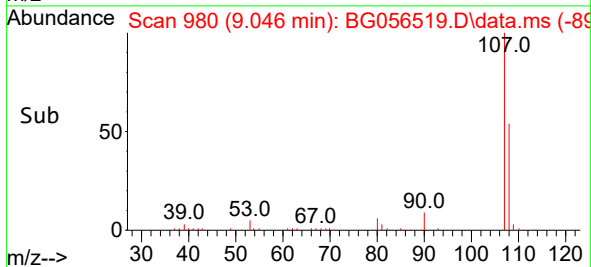
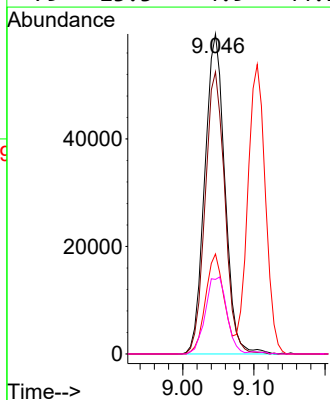
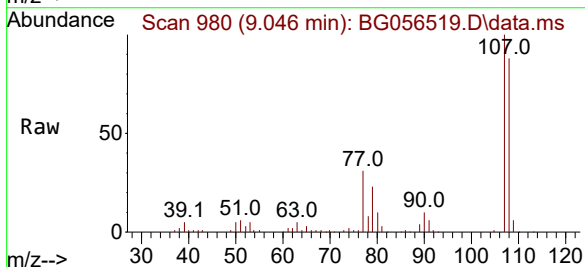
Instrument :
BNA_G
ClientSampleId :
PB150385BS

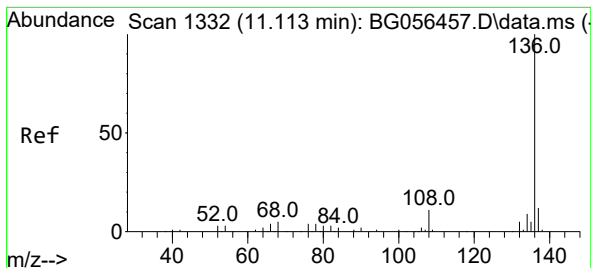
Tgt Ion: 70 Resp: 58560
Ion Ratio Lower Upper
70 100
42 21.4 20.2 30.4
101 11.9 9.1 13.7
130 25.7 21.1 31.7



#20
3+4-Methylphenols
Concen: 44.889 ng
RT: 9.046 min Scan# 980
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 107 Resp: 117018
Ion Ratio Lower Upper
107 100
108 88.2 66.7 106.7
77 31.3 10.6 50.6
79 23.3 4.9 44.9

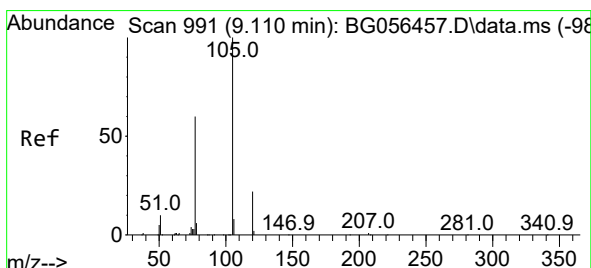
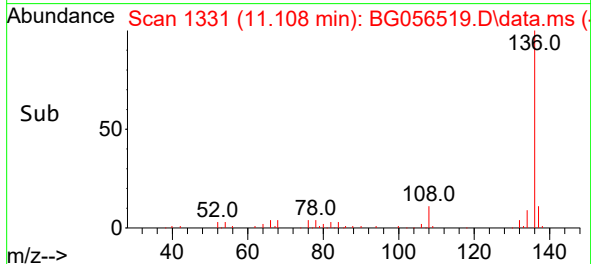
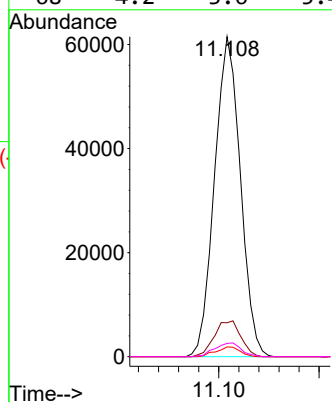
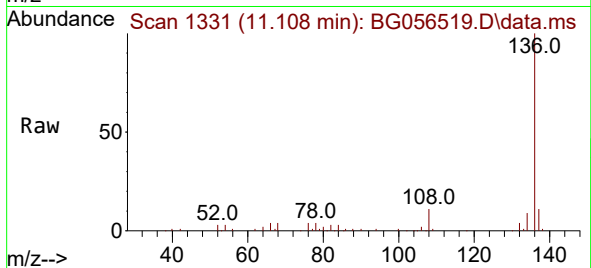




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

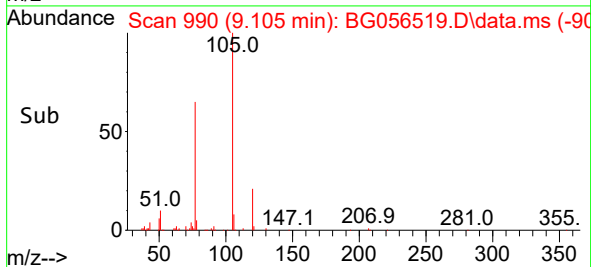
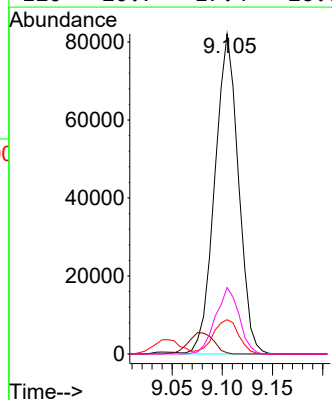
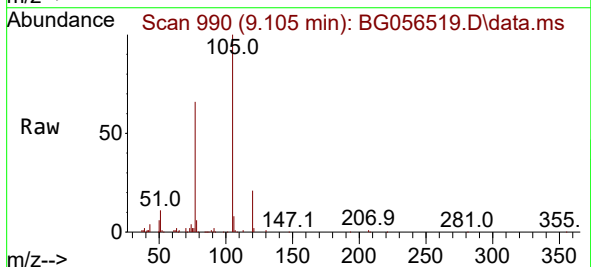
Instrument :
BNA_G
ClientSampleId :
PB150385BS

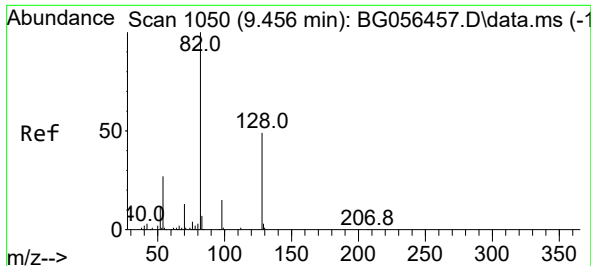
Tgt Ion:136 Resp: 109827
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 3.0 2.2 3.4
68 4.2 3.6 5.4



#22
Acetophenone
Concen: 45.961 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:105 Resp: 134118
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8#
51 10.7 9.2 13.8
120 20.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 73.680 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

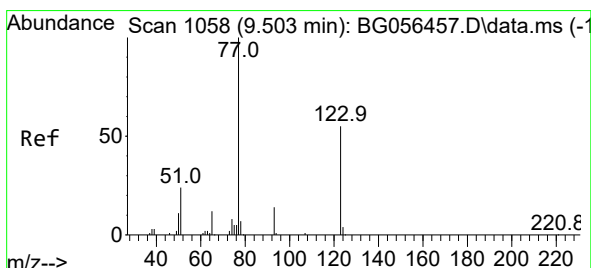
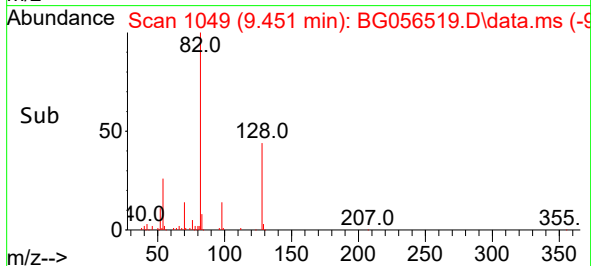
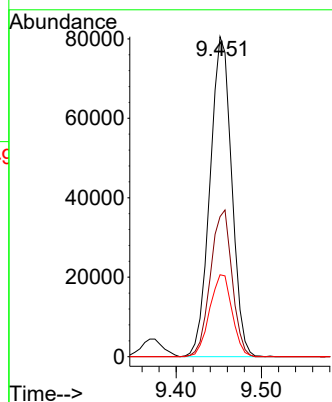
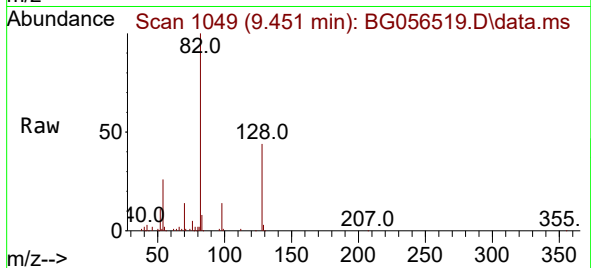
Tgt Ion: 82 Resp: 142503

Ion Ratio Lower Upper

82 100

128 43.8 39.4 59.2

54 25.6 21.4 32.2



#24

Nitrobenzene

Concen: 48.613 ng

RT: 9.498 min Scan# 1057

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

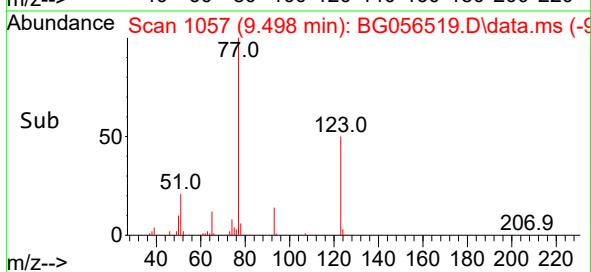
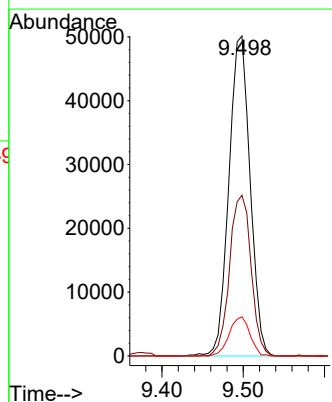
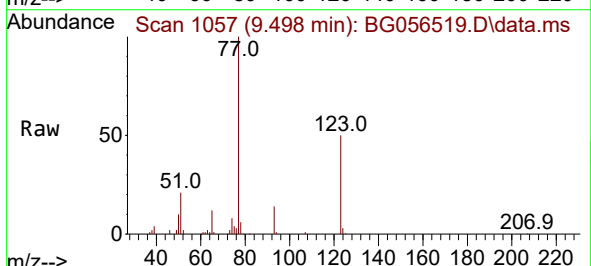
Tgt Ion: 77 Resp: 90691

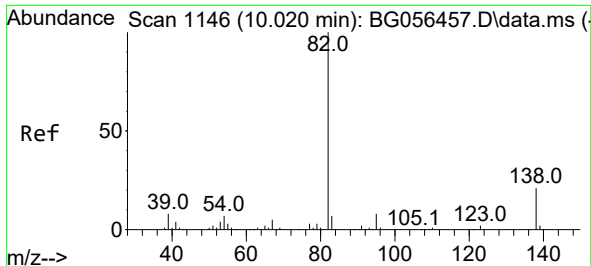
Ion Ratio Lower Upper

77 100

123 50.3 44.0 66.0

65 12.2 9.7 14.5

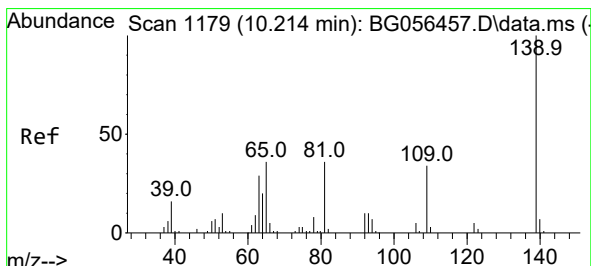
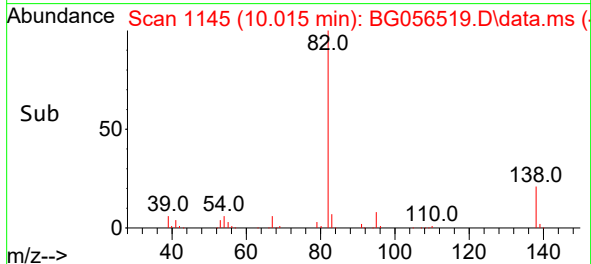
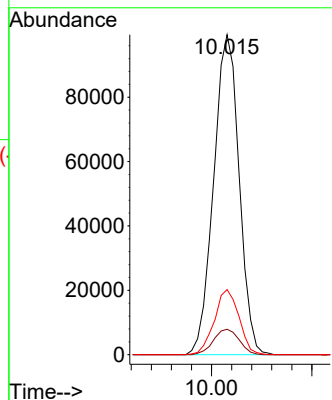
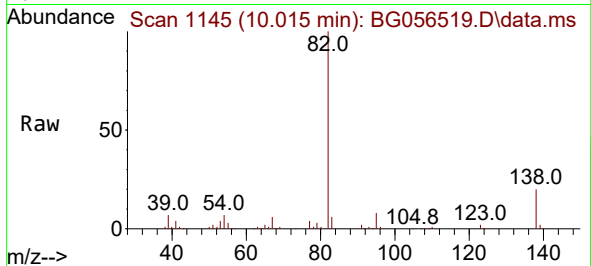




#25
Isophorone
Concen: 43.820 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

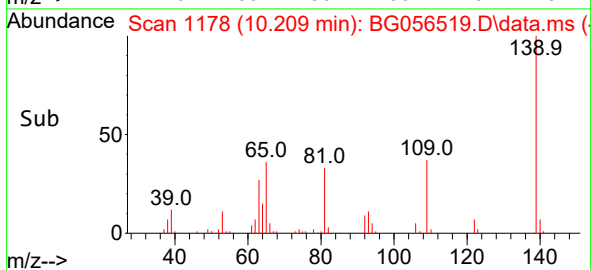
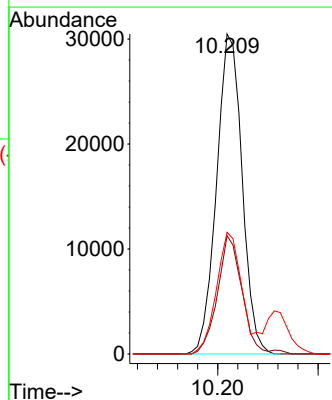
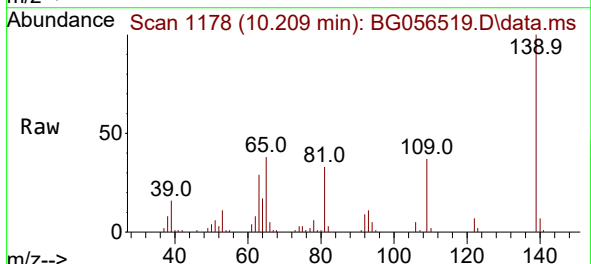
Instrument :
BNA_G
ClientSampleId :
PB150385BS

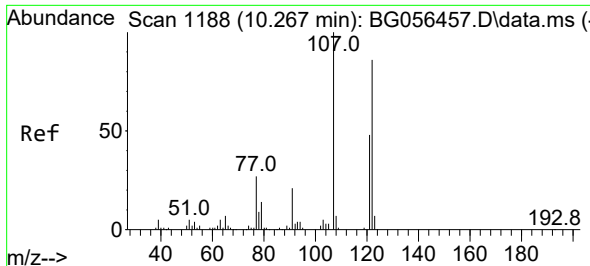
Tgt Ion: 82 Resp: 174843
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 20.3 16.6 25.0



#26
2-Nitrophenol
Concen: 47.490 ng
RT: 10.209 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 139 Resp: 53754
Ion Ratio Lower Upper
139 100
109 37.0 26.9 40.3
65 38.1 29.0 43.4

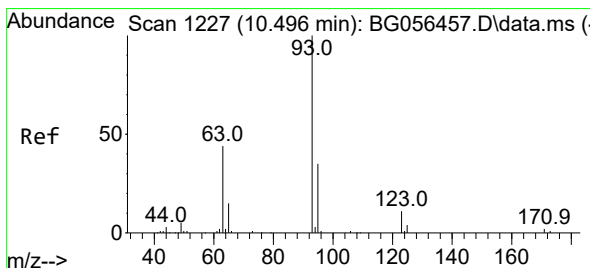
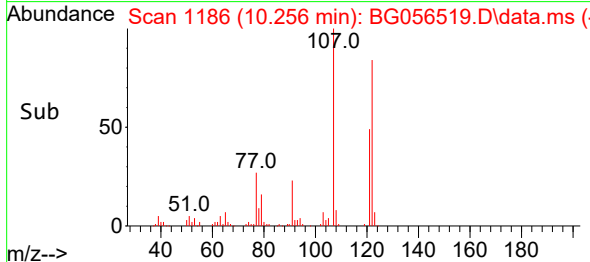
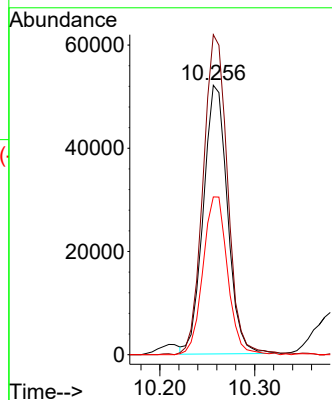
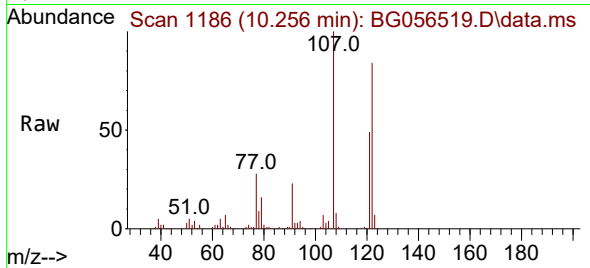




#27
2,4-Dimethylphenol
Concen: 48.633 ng
RT: 10.256 min Scan# 1186
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

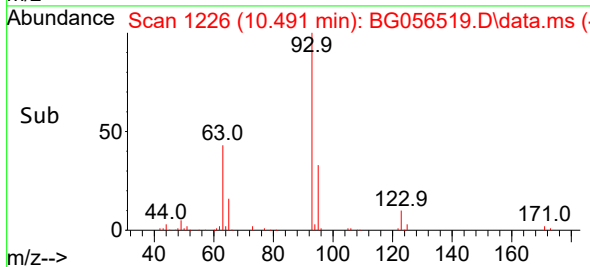
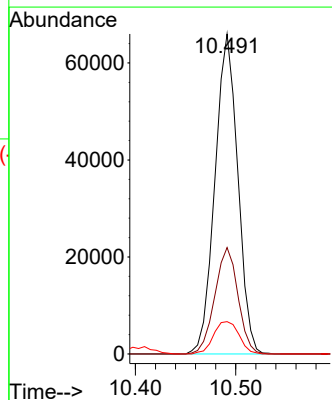
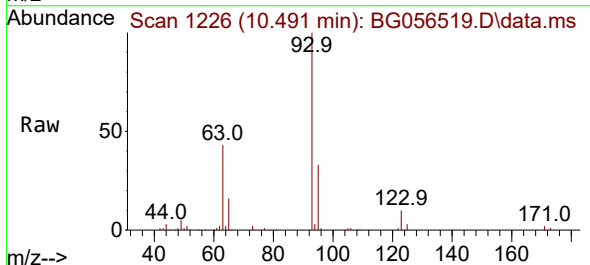
Instrument :
BNA_G
ClientSampleId :
PB150385BS

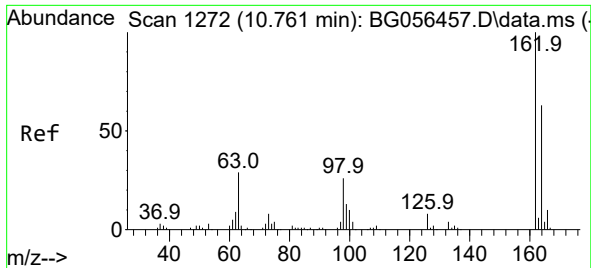
Tgt Ion:122 Resp: 92126
Ion Ratio Lower Upper
122 100
107 118.8 92.9 139.3
121 58.5 45.0 67.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.257 ng
RT: 10.491 min Scan# 1226
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 93 Resp: 104165
Ion Ratio Lower Upper
93 100
95 33.2 27.9 41.9
123 10.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 51.174 ng

RT: 10.750 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

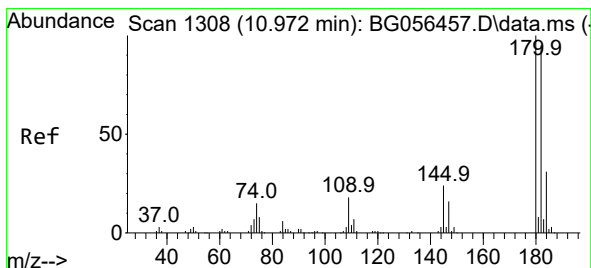
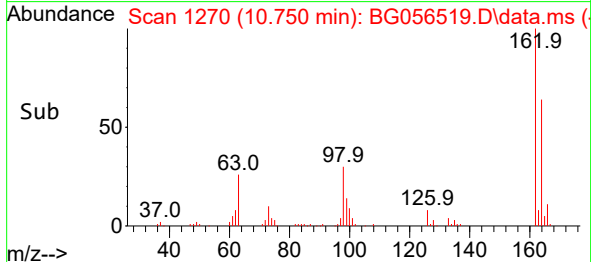
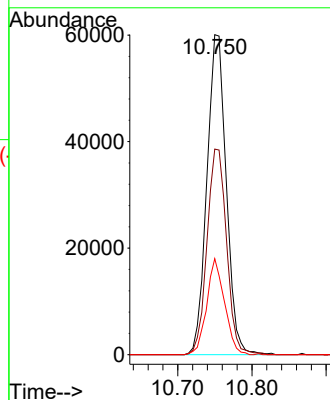
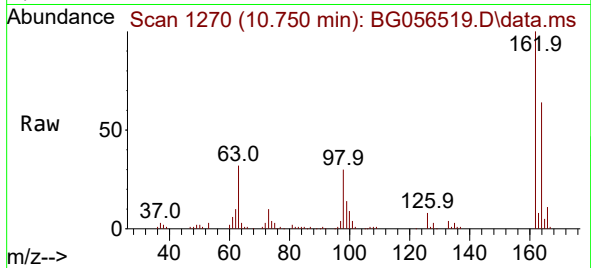
Tgt Ion:162 Resp: 109117

Ion Ratio Lower Upper

162 100

164 64.3 42.8 82.8

98 30.0 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 49.055 ng

RT: 10.967 min Scan# 1307

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

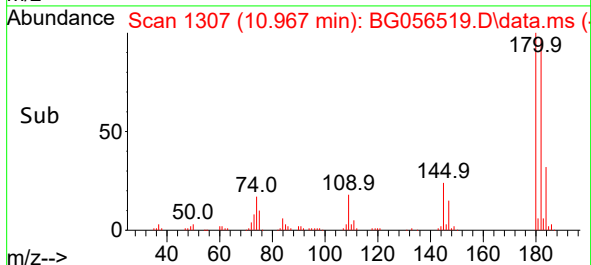
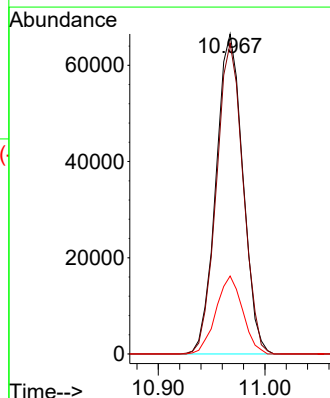
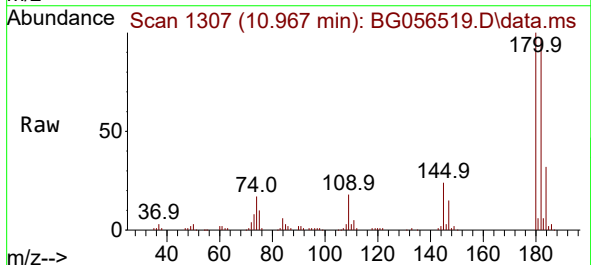
Tgt Ion:180 Resp: 116237

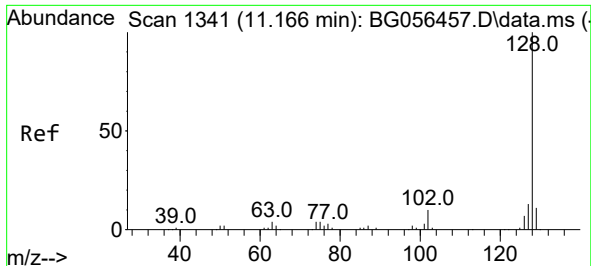
Ion Ratio Lower Upper

180 100

182 97.1 75.9 113.9

145 24.3 19.4 29.0

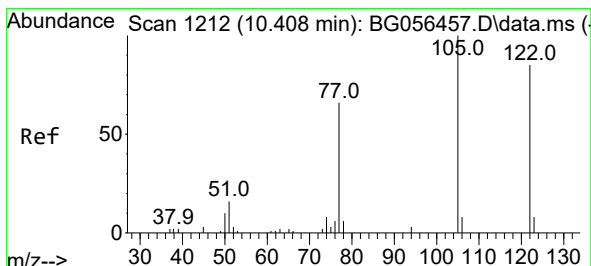
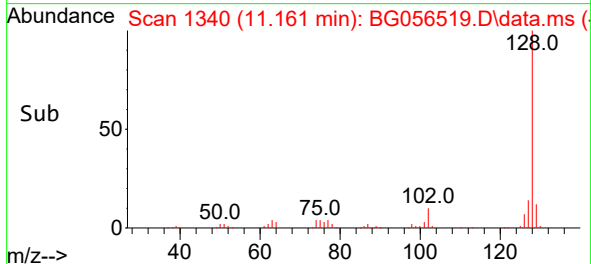
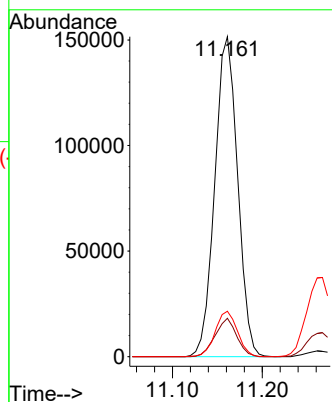
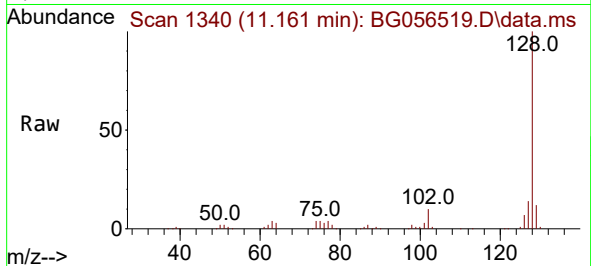




#31
Naphthalene
Concen: 46.146 ng
RT: 11.161 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

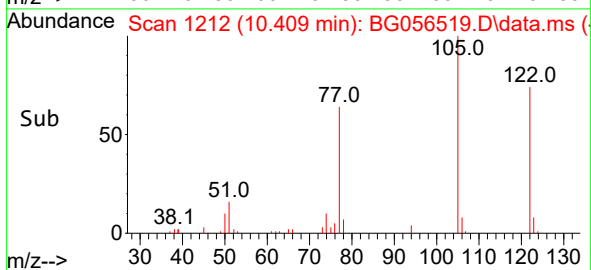
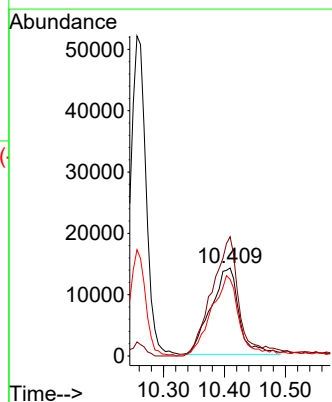
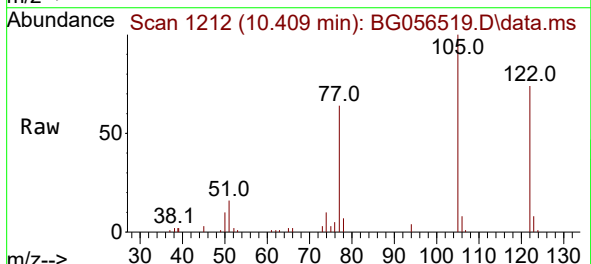
Instrument :
BNA_G
ClientSampleId :
PB150385BS

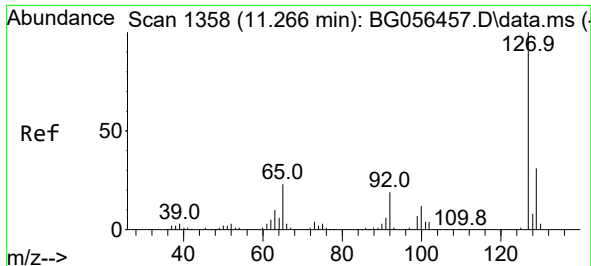
Tgt Ion:128 Resp: 267493
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 14.2 10.4 15.6



#32
Benzoic acid
Concen: 42.809 ng
RT: 10.409 min Scan# 1212
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:122 Resp: 45370
Ion Ratio Lower Upper
122 100
105 135.4 96.5 136.5
77 87.0 57.3 97.3

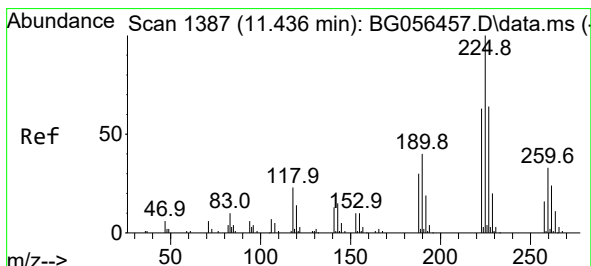
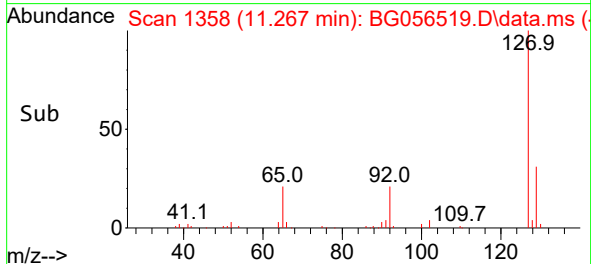
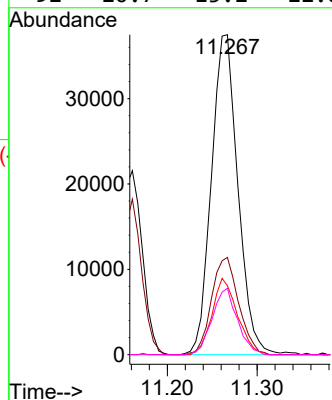
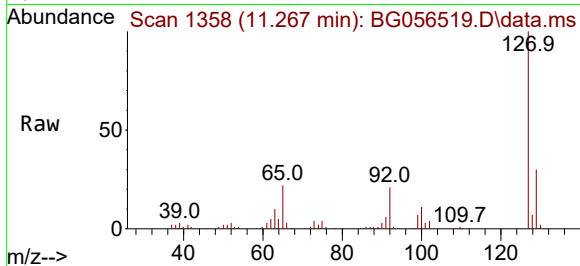




#33
4-Chloroaniline
Concen: 28.384 ng
RT: 11.267 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

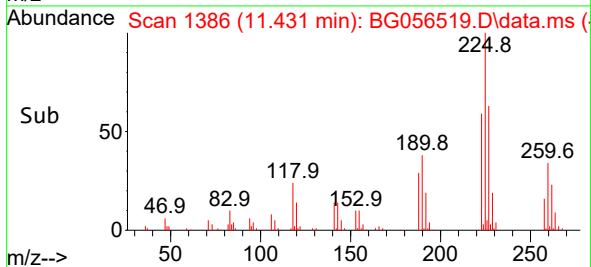
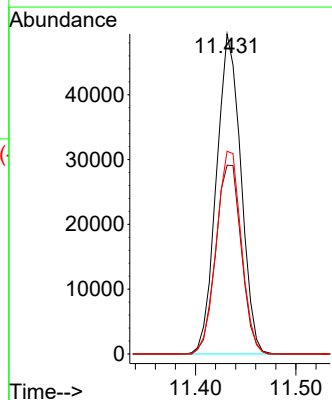
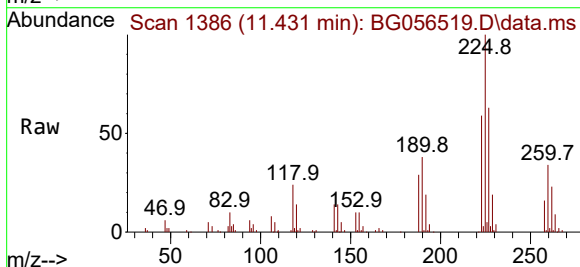
Instrument :
BNA_G
ClientSampleId :
PB150385BS

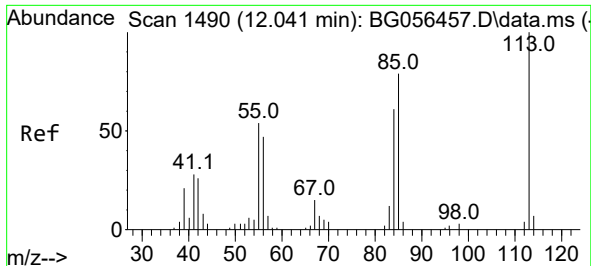
Tgt Ion:	127	Resp:	76802
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.0	37.6
65	21.6	18.5	27.7
92	20.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 50.144 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:	225	Resp:	83402
Ion	Ratio	Lower	Upper
225	100		
223	59.0	50.6	75.8
227	63.4	53.7	80.5

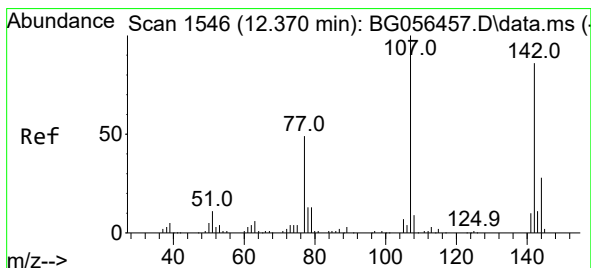
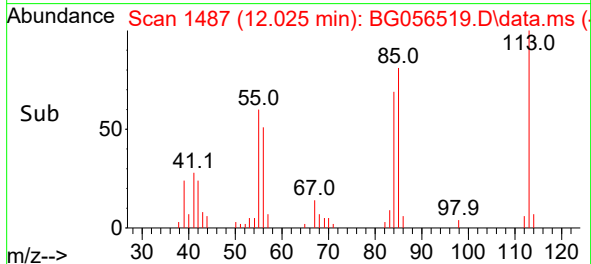
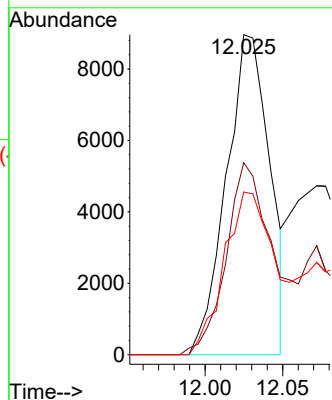
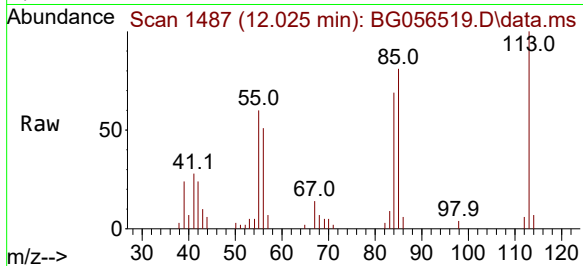




#35
Caprolactam
Concen: 24.232 ng
RT: 12.025 min Scan# 1490
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

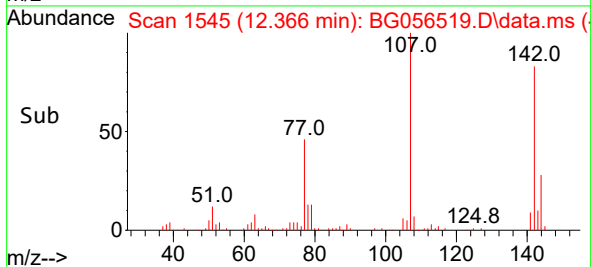
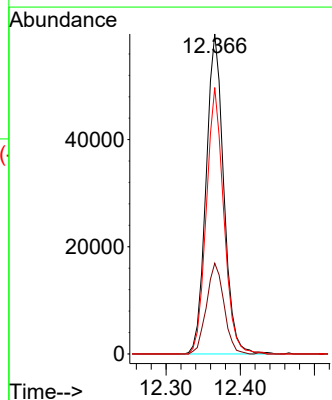
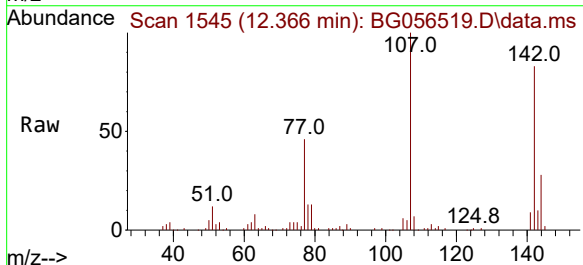
Instrument :
BNA_G
ClientSampleId :
PB150385BS

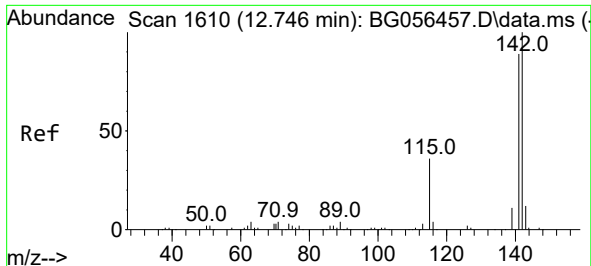
Tgt Ion:113 Resp: 17426
Ion Ratio Lower Upper
113 100
55 60.0 33.7 73.7
56 50.9 27.1 67.1



#36
4-Chloro-3-methylphenol
Concen: 47.920 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:107 Resp: 98677
Ion Ratio Lower Upper
107 100
144 28.4 22.3 33.5
142 83.3 68.9 103.3





#37

2-Methylnaphthalene

Concen: 43.662 ng

RT: 12.742 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

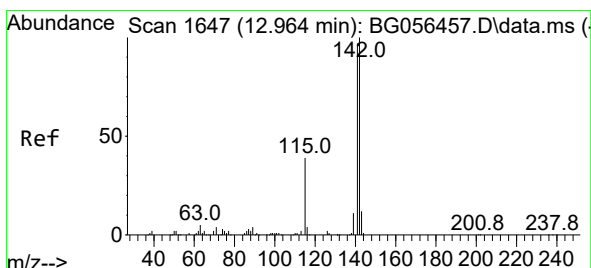
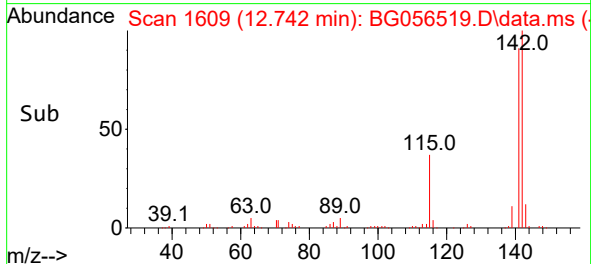
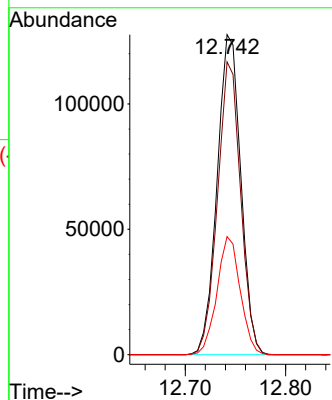
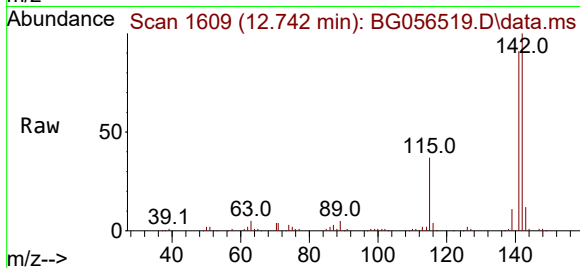
Tgt Ion:142 Resp: 208655

Ion Ratio Lower Upper

142 100

141 91.5 71.4 107.0

115 36.9 28.4 42.6



#38

1-Methylnaphthalene

Concen: 43.318 ng

RT: 12.959 min Scan# 1646

Delta R.T. -0.005 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

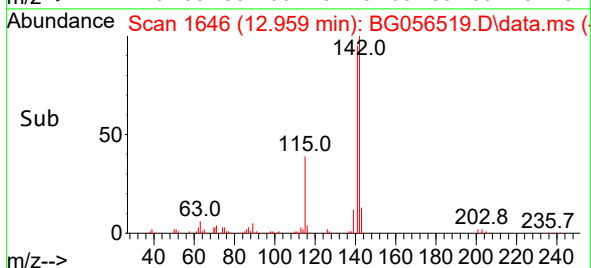
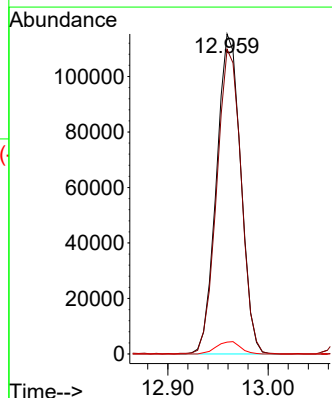
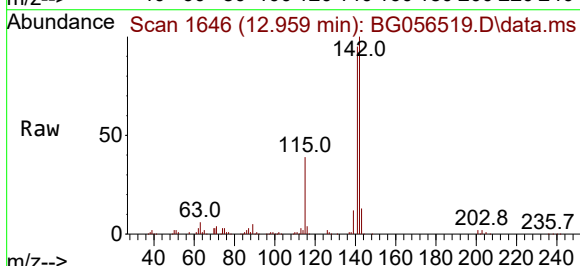
Tgt Ion:142 Resp: 193338

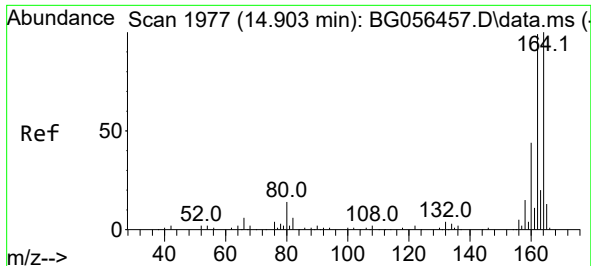
Ion Ratio Lower Upper

142 100

141 95.2 77.7 116.5

116 3.7 3.4 5.2

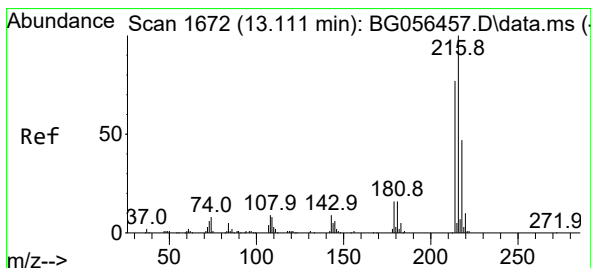
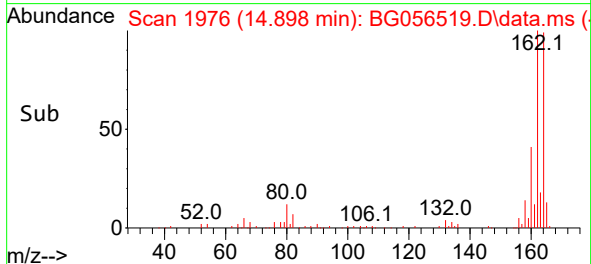
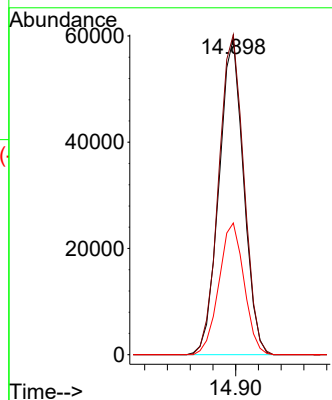
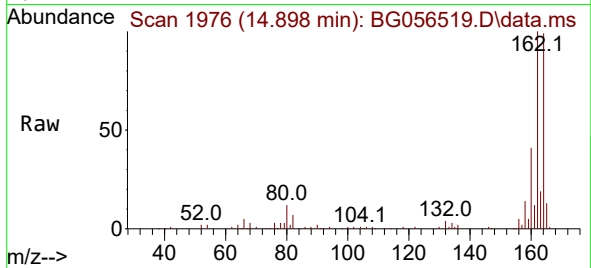




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

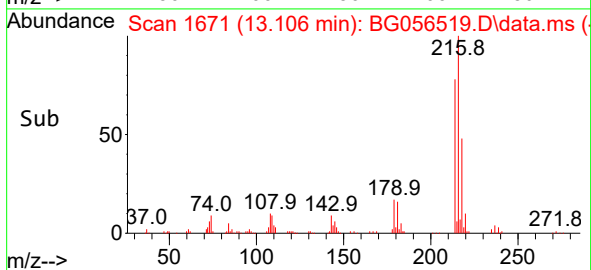
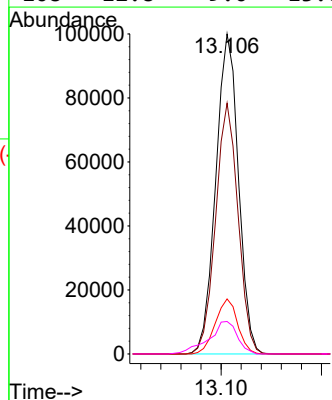
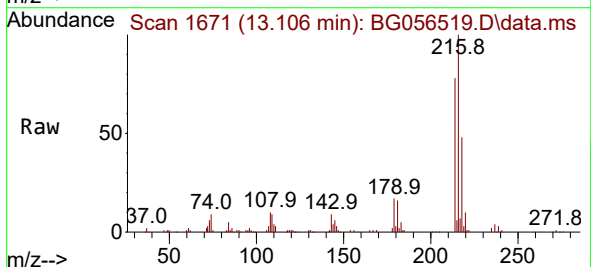
Instrument :
BNA_G
ClientSampleId :
PB150385BS

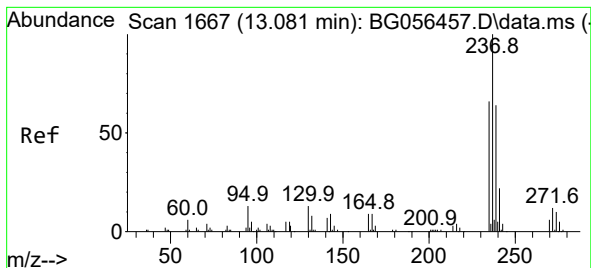
Tgt Ion:164 Resp: 89419
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 41.6 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.951 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:216 Resp: 156646
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.6
179 17.0 14.1 21.1
108 12.8 9.0 13.6





#41

Hexachlorocyclopentadiene

Concen: 108.215 ng

RT: 13.082 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

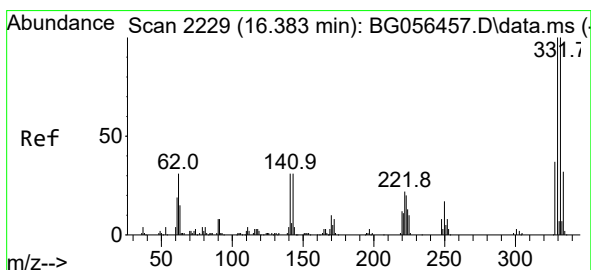
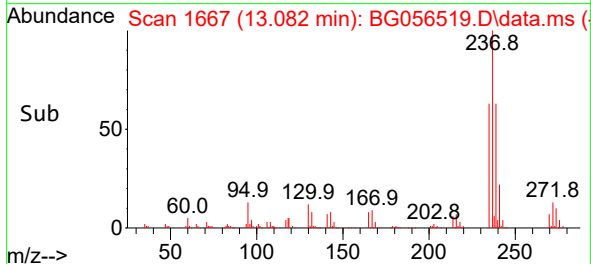
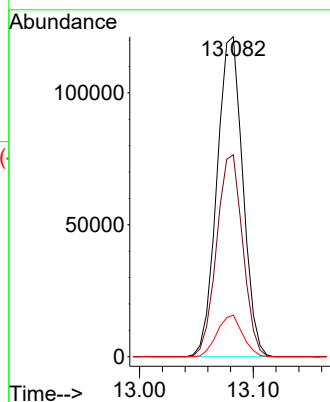
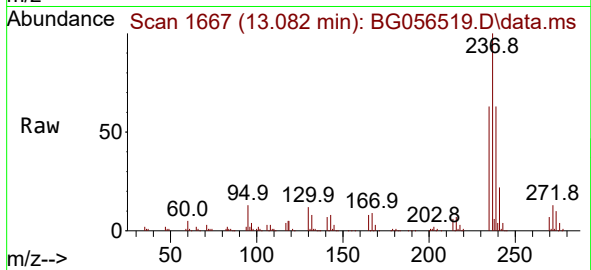
Tgt Ion:237 Resp: 191628

Ion Ratio Lower Upper

237 100

235 63.1 45.6 85.6

272 13.0 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 108.662 ng

RT: 16.379 min Scan# 2228

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

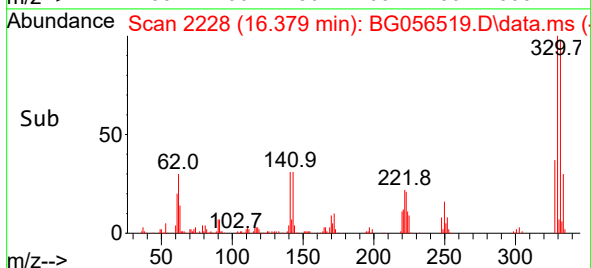
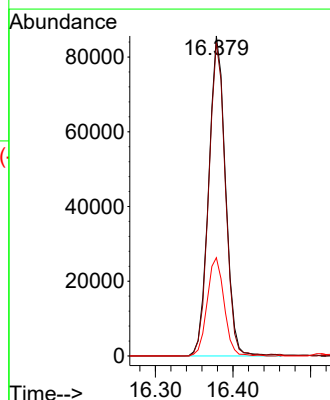
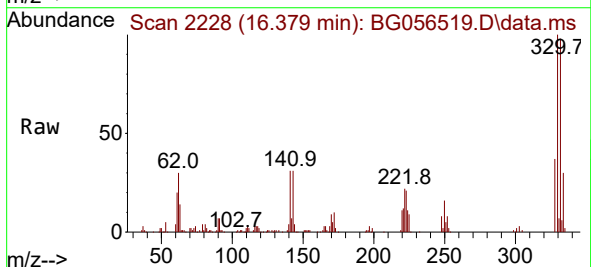
Tgt Ion:330 Resp: 129174

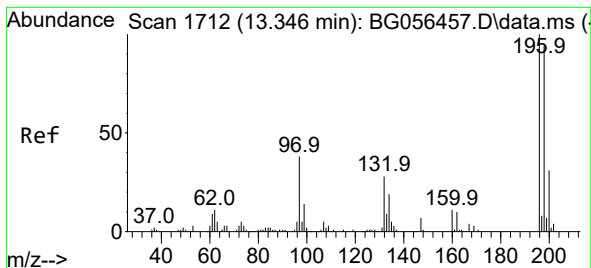
Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.6

141 30.9 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 50.405 ng

RT: 13.341 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

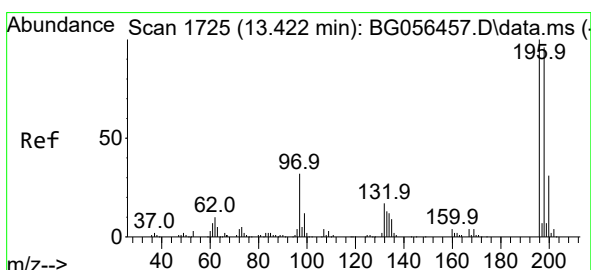
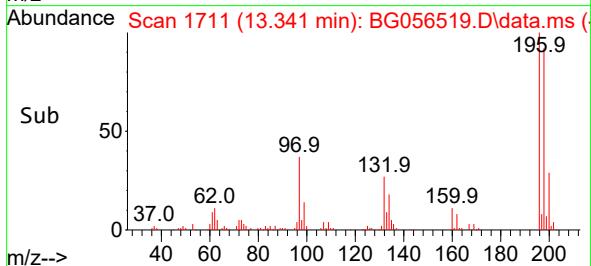
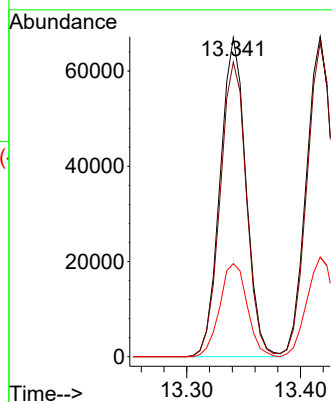
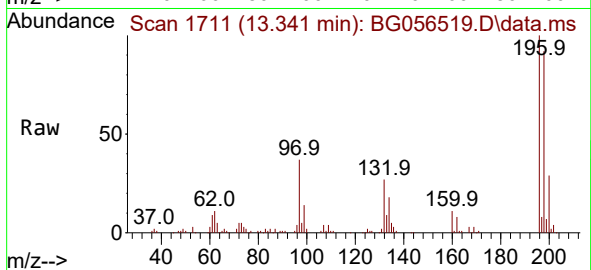
Tgt Ion:196 Resp: 106113

Ion Ratio Lower Upper

196 100

198 92.3 75.4 113.0

200 29.2 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 44.950 ng

RT: 13.417 min Scan# 1724

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Tgt Ion:196 Resp: 110793

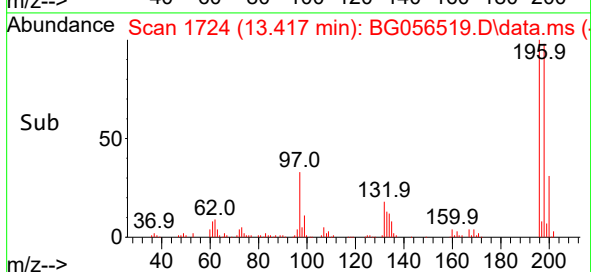
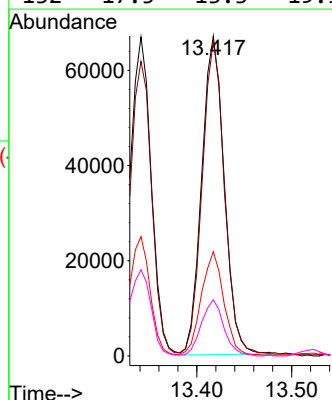
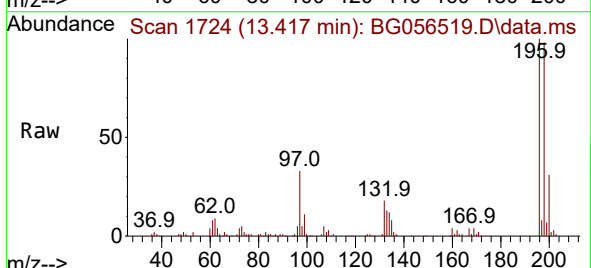
Ion Ratio Lower Upper

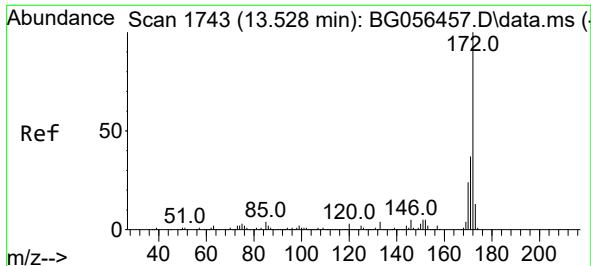
196 100

198 98.3 76.9 115.3

97 32.6 25.8 38.6

132 17.5 13.3 19.9

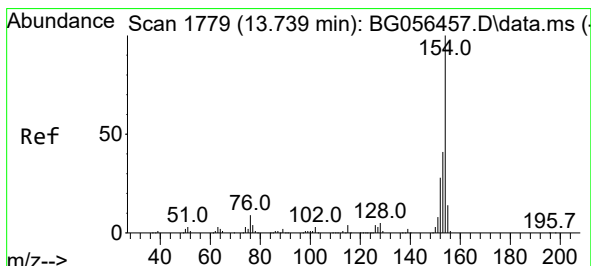
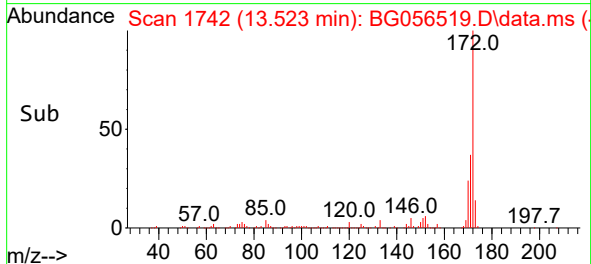
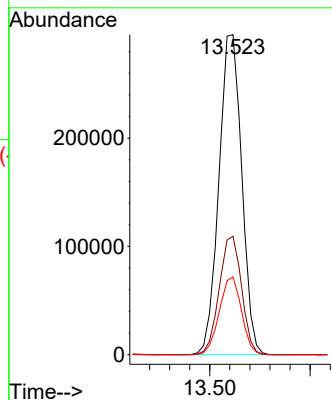
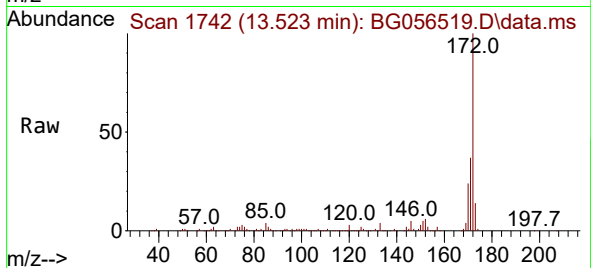




#45
2-Fluorobiphenyl
Concen: 72.295 ng
RT: 13.523 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

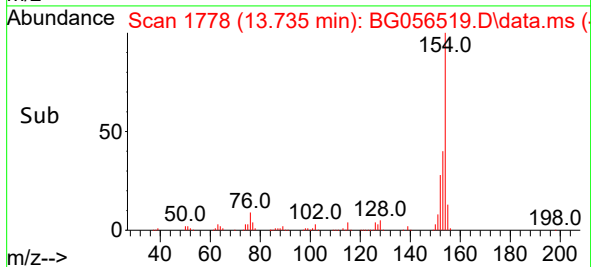
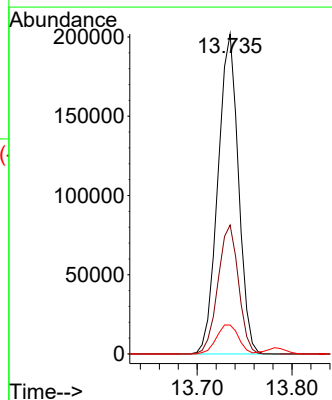
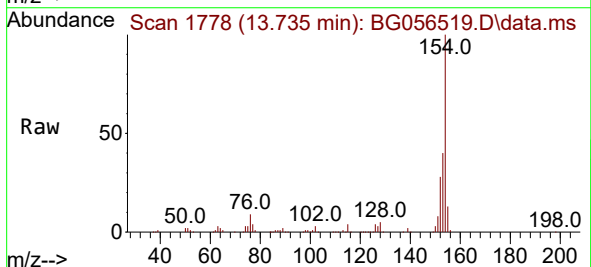
Instrument :
BNA_G
ClientSampleId :
PB150385BS

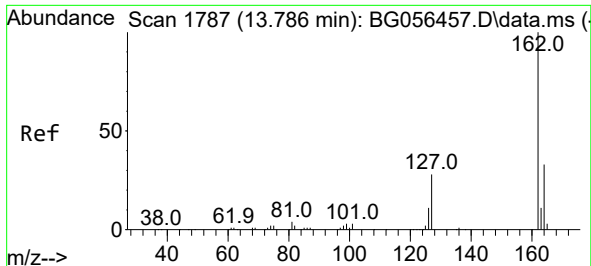
Tgt Ion:172 Resp: 466274
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.3 19.2 28.8



#46
1,1'-Biphenyl
Concen: 46.768 ng
RT: 13.735 min Scan# 1778
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:154 Resp: 303328
Ion Ratio Lower Upper
154 100
153 40.3 21.5 61.5
76 9.1 0.0 28.8

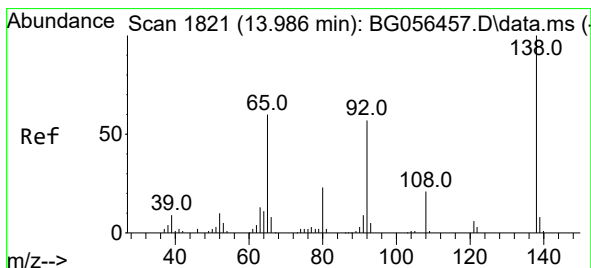
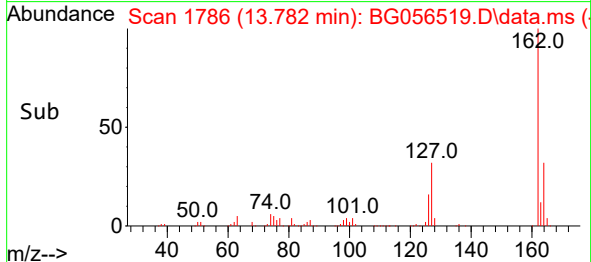
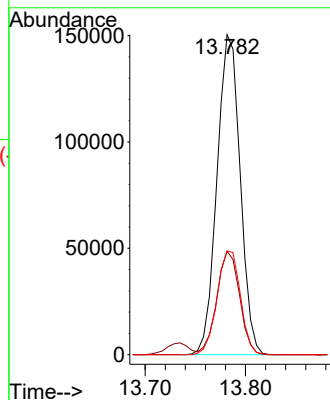
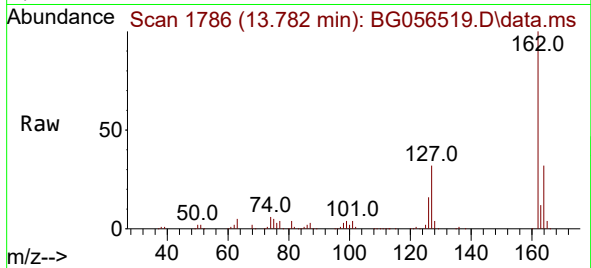




#47
2-Chloronaphthalene
Concen: 47.563 ng
RT: 13.782 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

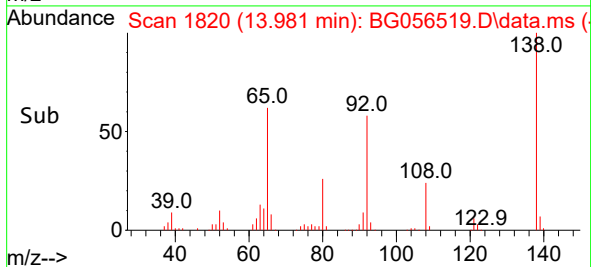
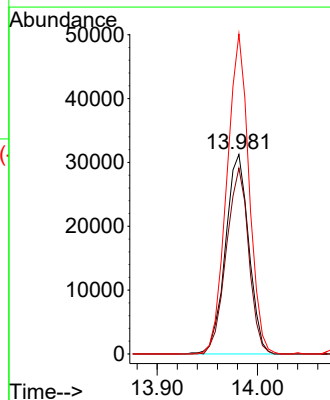
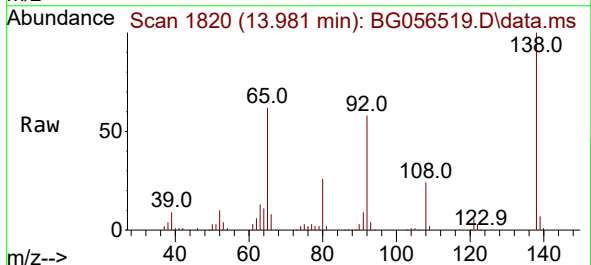
Instrument :
BNA_G
ClientSampleId :
PB150385BS

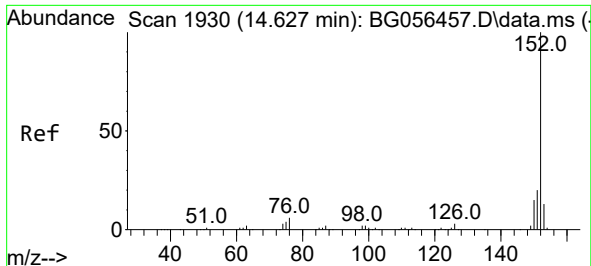
Tgt Ion:162 Resp: 241120
Ion Ratio Lower Upper
162 100
127 32.3 25.2 37.8
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 48.082 ng
RT: 13.981 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 65 Resp: 50389
Ion Ratio Lower Upper
65 100
92 93.1 75.8 113.6
138 160.4 133.2 199.8

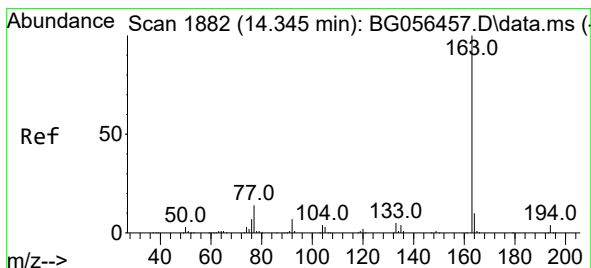
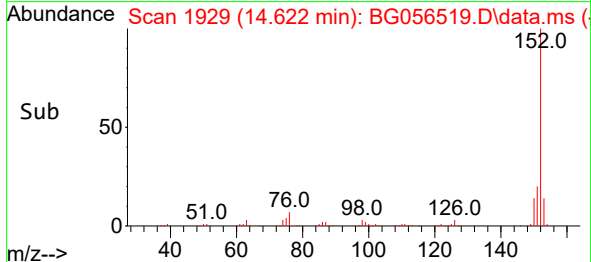
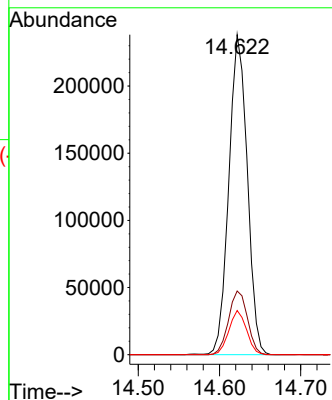
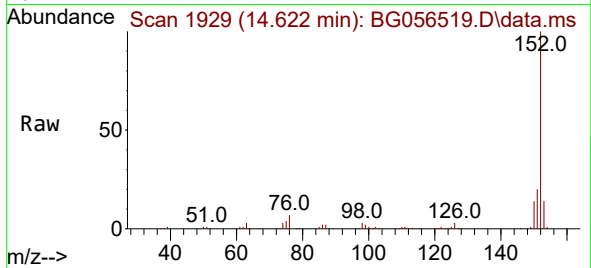




#49
Acenaphthylene
Concen: 45.463 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

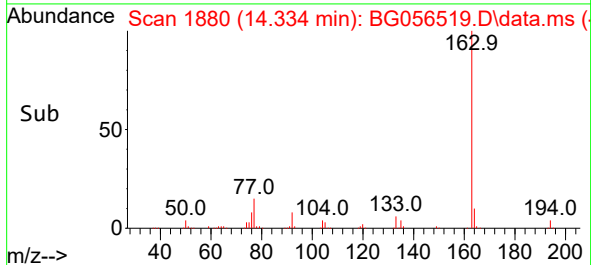
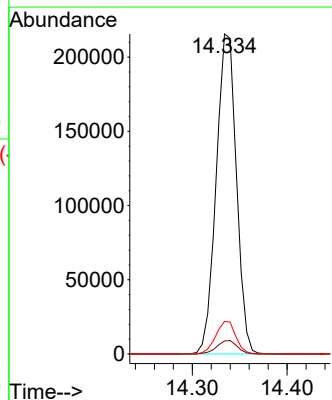
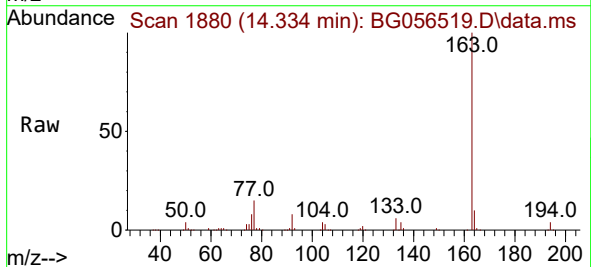
Instrument :
BNA_G
ClientSampleId :
PB150385BS

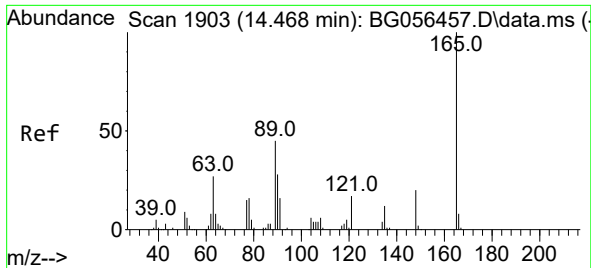
Tgt Ion:152 Resp: 374974
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 10.5 15.7



#50
Dimethylphthalate
Concen: 44.208 ng
RT: 14.334 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:163 Resp: 319814
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.2 8.1 12.1

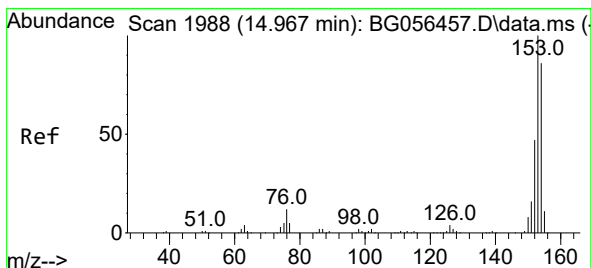
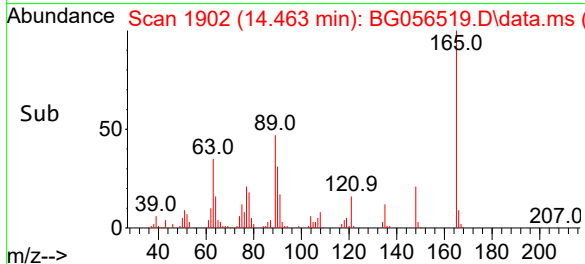
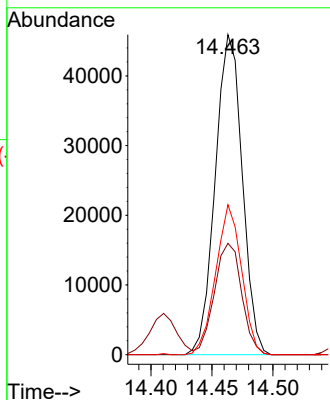
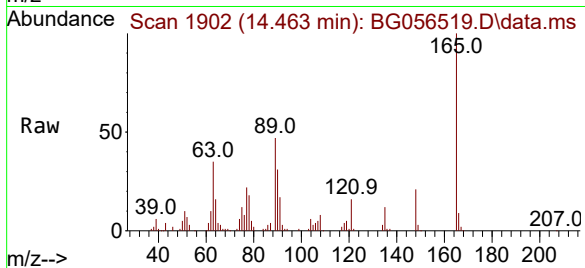




#51
2,6-Dinitrotoluene
Concen: 44.876 ng
RT: 14.463 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

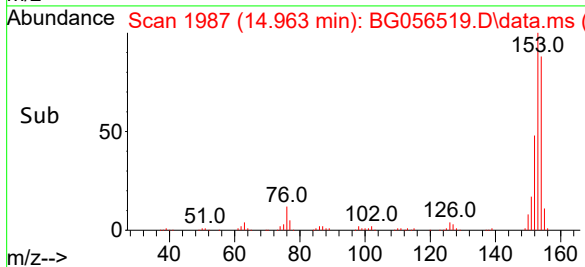
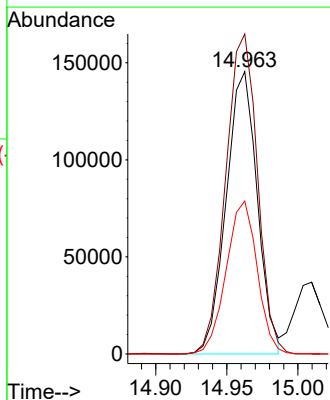
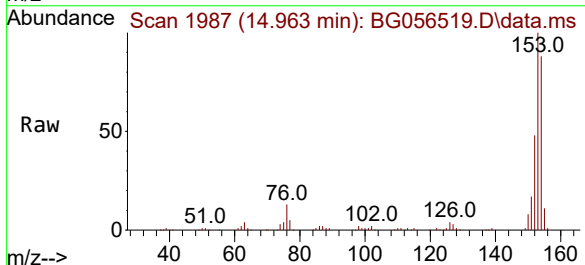
Instrument :
BNA_G
ClientSampleId :
PB150385BS

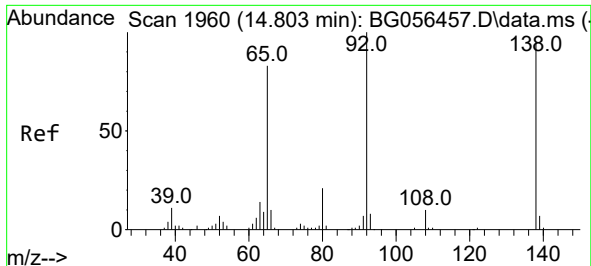
Tgt Ion:165 Resp: 70798
Ion Ratio Lower Upper
165 100
63 34.8 26.9 40.3
89 46.9 35.6 53.4



#52
Acenaphthene
Concen: 45.356 ng
RT: 14.963 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

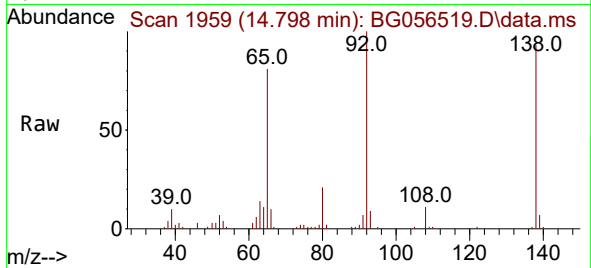
Tgt Ion:154 Resp: 221843
Ion Ratio Lower Upper
154 100
153 113.3 93.4 140.0
152 54.2 43.4 65.2



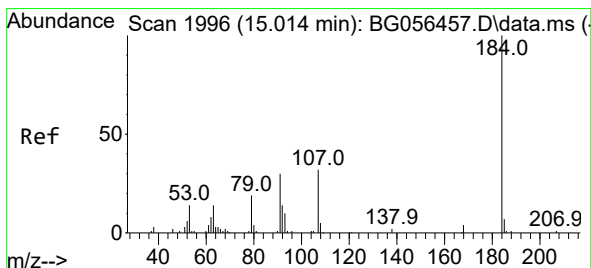
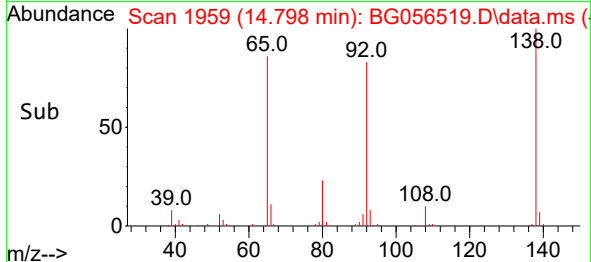
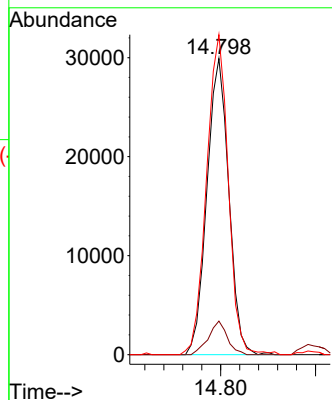


#53
3-Nitroaniline
Concen: 31.371 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

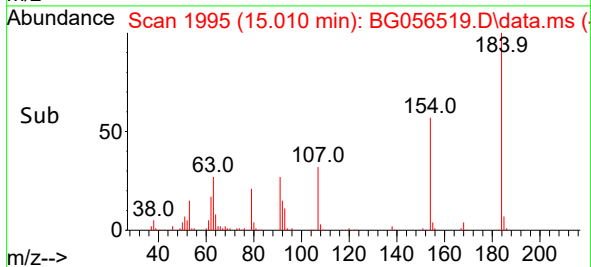
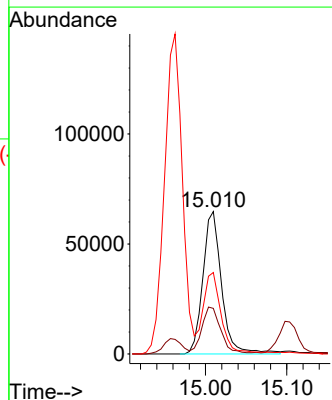
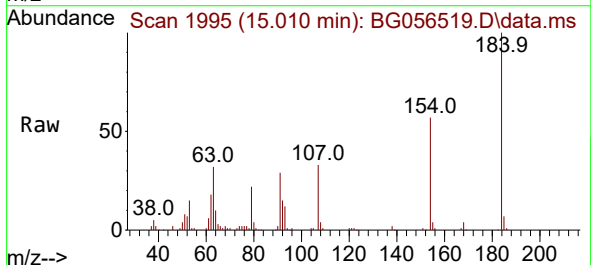


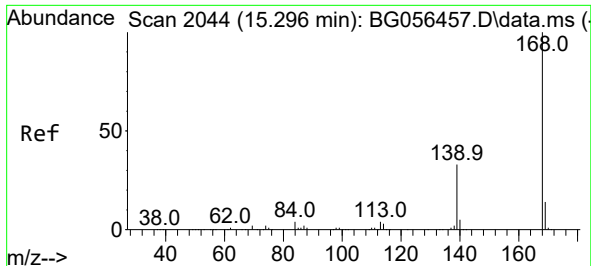
Tgt Ion:138 Resp: 47981
Ion Ratio Lower Upper
138 100
108 11.4 8.0 12.0
92 108.0 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 105.066 ng
RT: 15.010 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:184 Resp: 103915
Ion Ratio Lower Upper
184 100
63 32.0 25.1 37.7
154 57.2 44.8 67.2

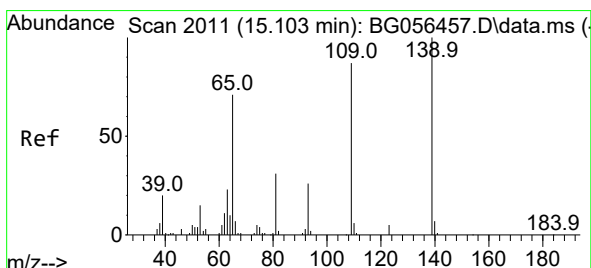
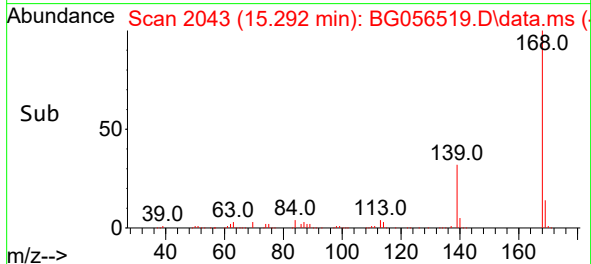
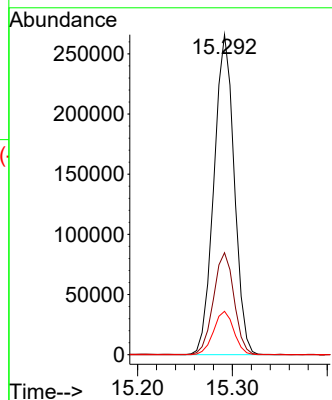
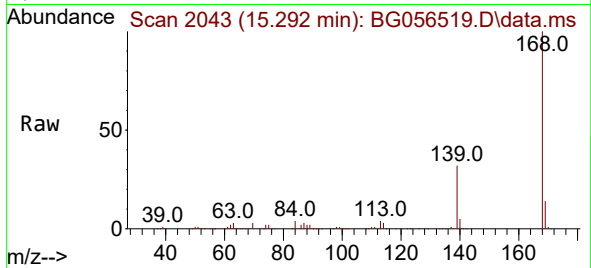




#55
Dibenzofuran
Concen: 45.060 ng
RT: 15.292 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

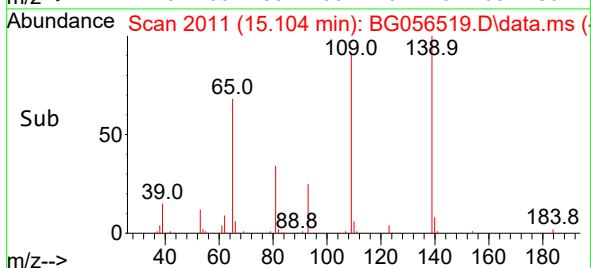
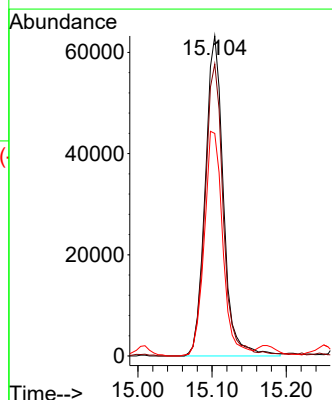
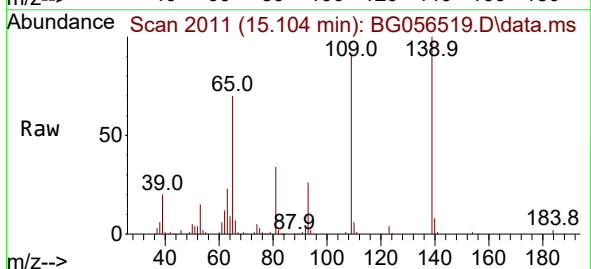
Instrument :
BNA_G
ClientSampleId :
PB150385BS

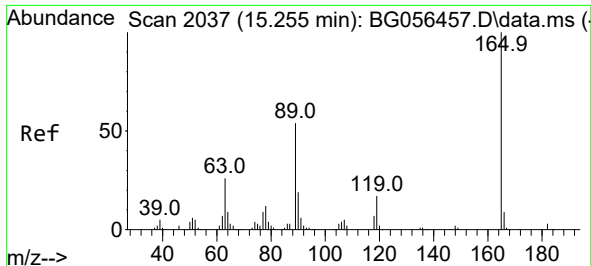
Tgt Ion:168 Resp: 395250
Ion Ratio Lower Upper
168 100
139 31.9 26.2 39.2
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 103.165 ng
RT: 15.104 min Scan# 2011
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:139 Resp: 107815
Ion Ratio Lower Upper
139 100
109 91.2 67.5 107.5
65 69.5 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 45.974 ng

RT: 15.250 min Scan# 2037

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

Tgt Ion:165 Resp: 102163

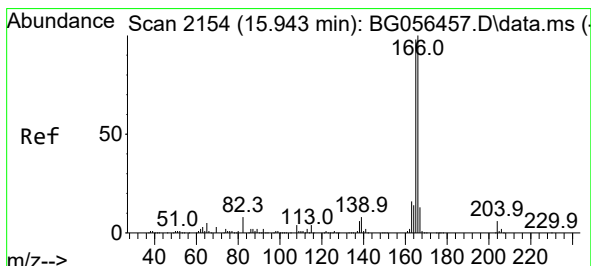
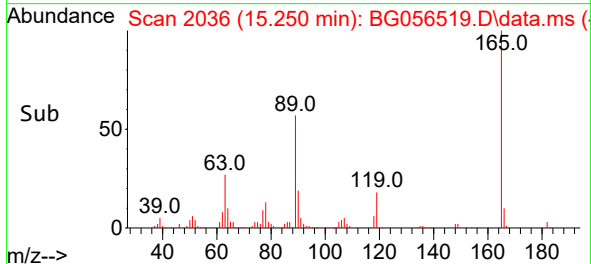
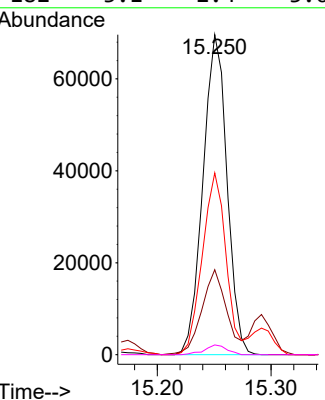
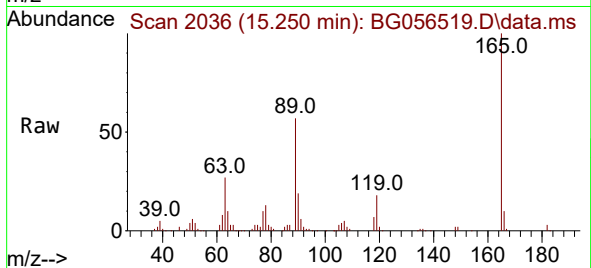
Ion Ratio Lower Upper

165 100

63 26.6 20.6 31.0

89 56.8 43.1 64.7

182 3.1 2.4 3.6



#58

Fluorene

Concen: 46.328 ng

RT: 15.938 min Scan# 2153

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

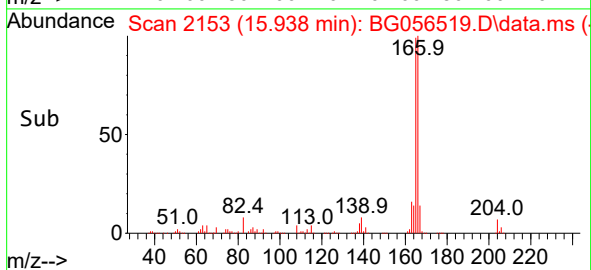
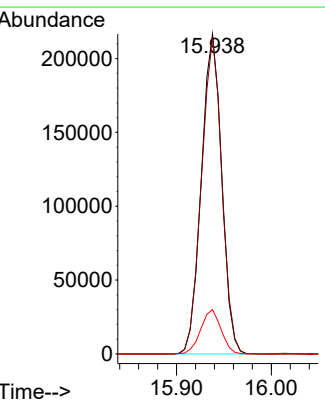
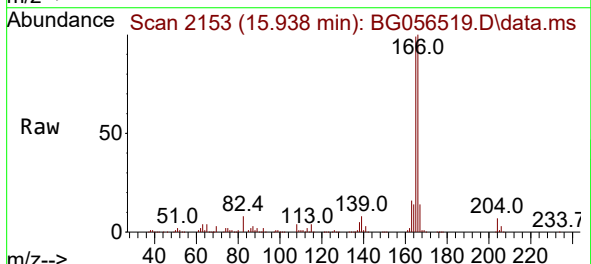
Tgt Ion:166 Resp: 323359

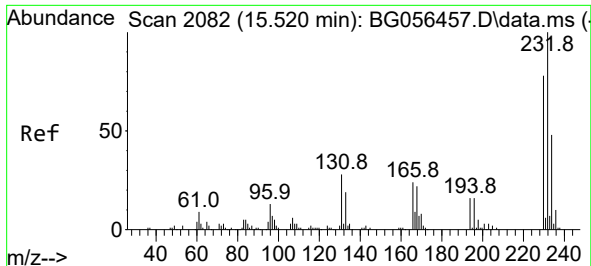
Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

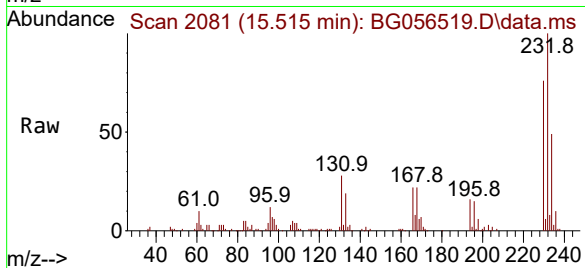
167 13.9 10.6 15.8



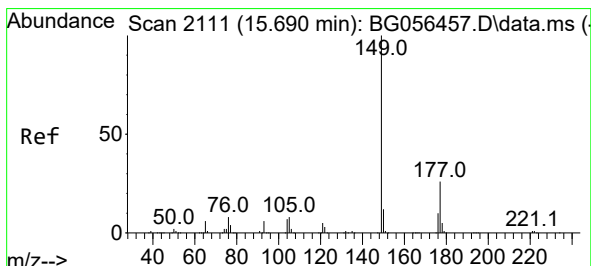
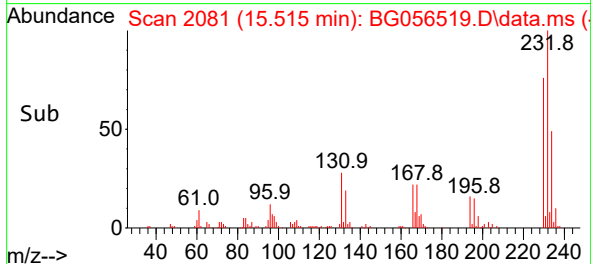
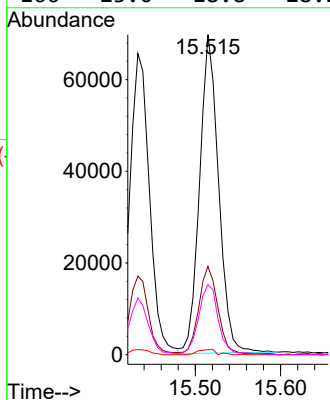


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.153 ng
RT: 15.515 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

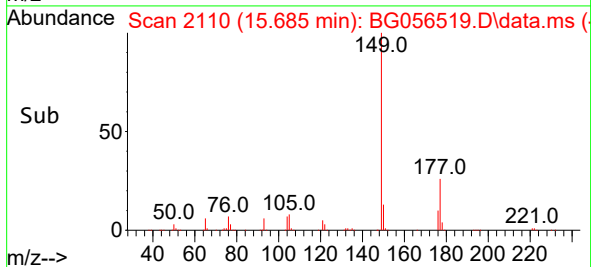
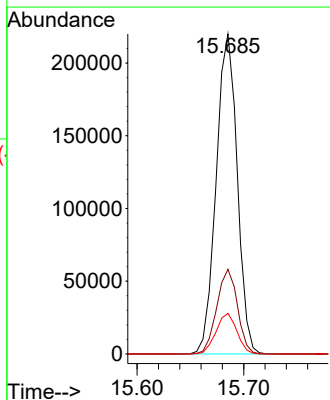
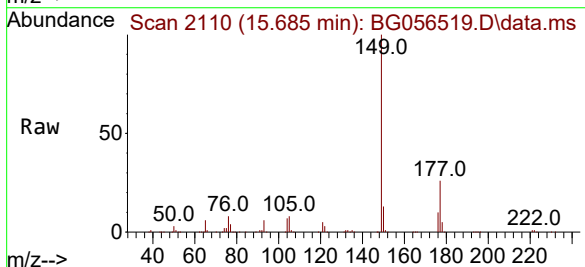


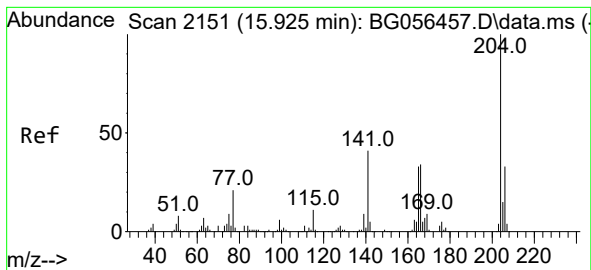
Tgt Ion:232 Resp: 107719
Ion Ratio Lower Upper
232 100
131 28.4 22.8 34.2
130 1.6 1.4 2.0
166 23.0 18.8 28.2



#60
Diethylphthalate
Concen: 44.267 ng
RT: 15.685 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:149 Resp: 300711
Ion Ratio Lower Upper
149 100
177 26.5 21.0 31.4
150 12.7 9.9 14.9

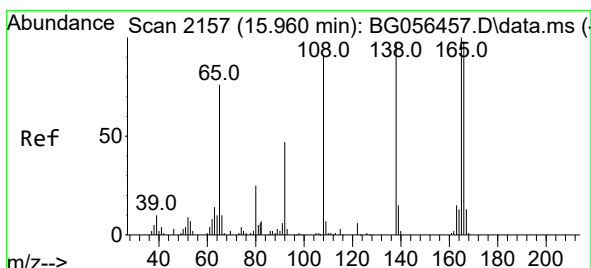
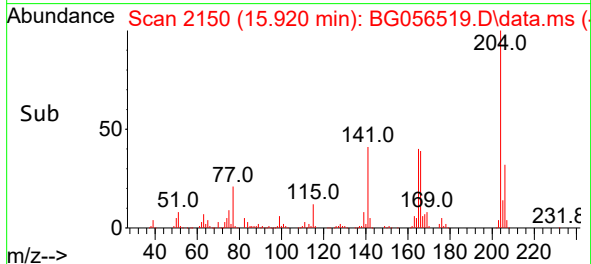
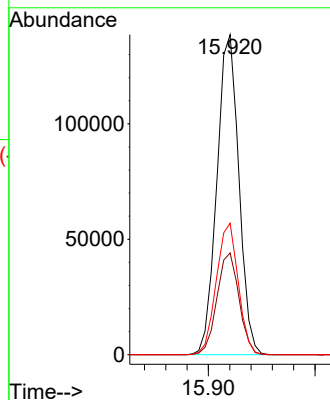
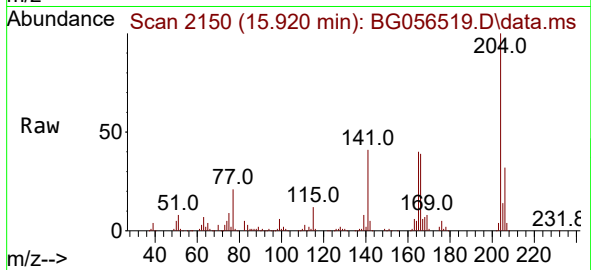




#61
4-Chlorophenyl-phenylether
Concen: 46.514 ng
RT: 15.920 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

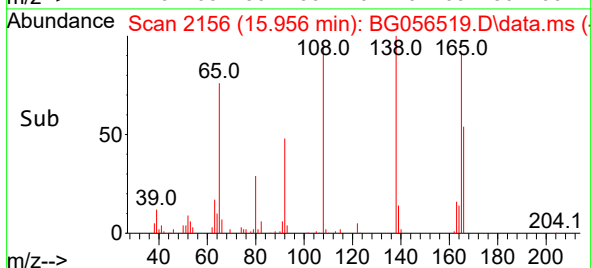
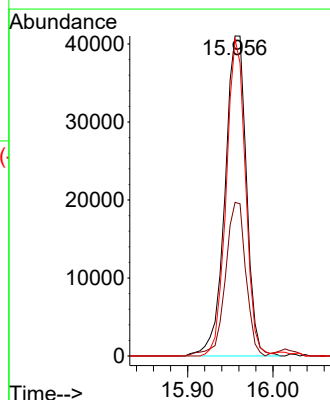
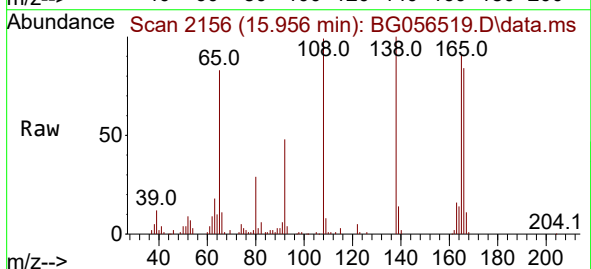
Instrument :
BNA_G
ClientSampleId :
PB150385BS

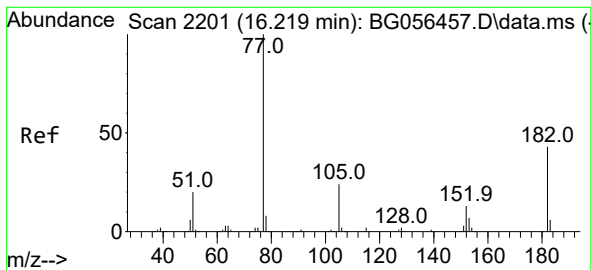
Tgt Ion:204 Resp: 198103
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.4
141 41.1 32.7 49.1



#62
4-Nitroaniline
Concen: 46.730 ng
RT: 15.956 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:138 Resp: 71517
Ion Ratio Lower Upper
138 100
92 48.0 27.8 67.8
108 98.9 72.6 112.6





#63

Azobenzene

Concen: 47.960 ng

RT: 16.214 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

Tgt Ion: 77 Resp: 224175

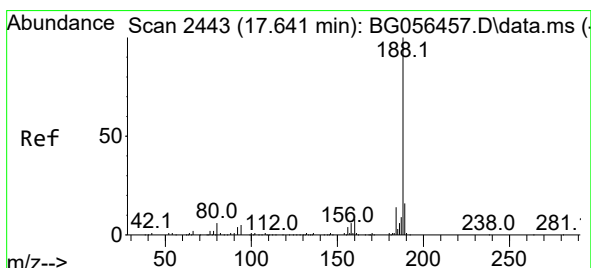
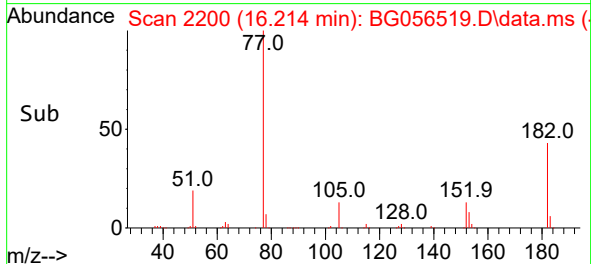
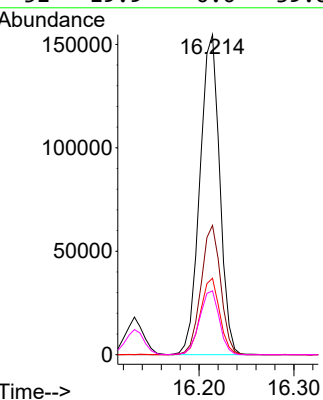
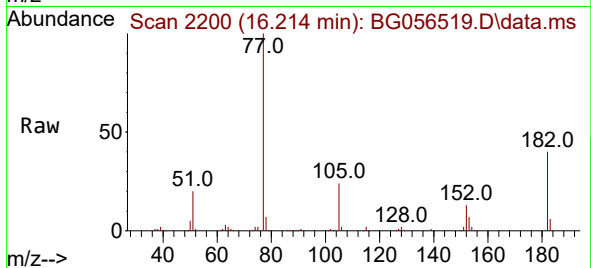
Ion Ratio Lower Upper

77 100

182 40.4 23.1 63.1

105 23.9 4.2 44.2

51 19.9 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.636 min Scan# 2442

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

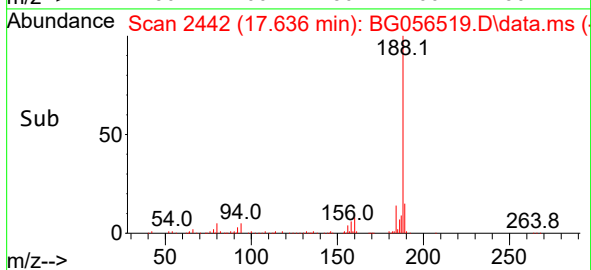
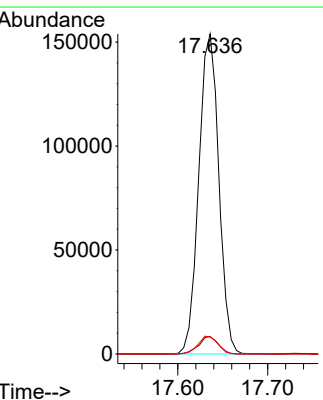
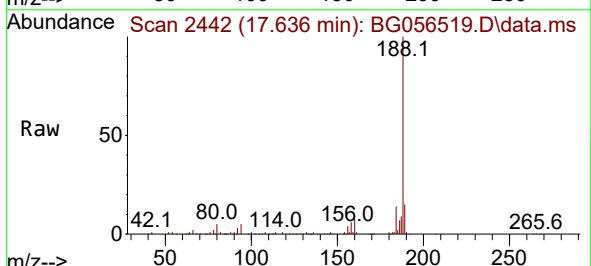
Tgt Ion:188 Resp: 237993

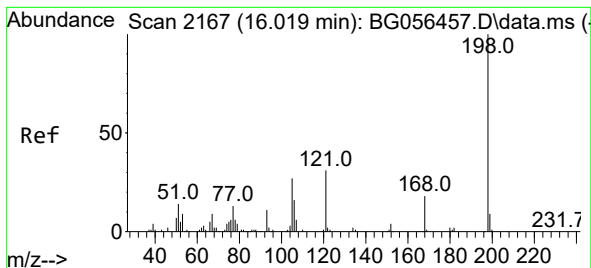
Ion Ratio Lower Upper

188 100

94 5.5 4.1 6.1

80 5.3 5.0 7.4

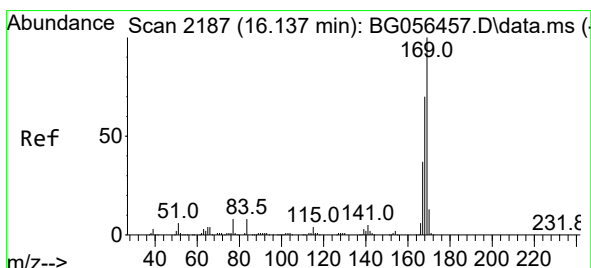
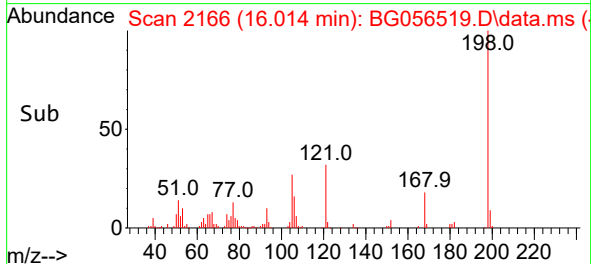
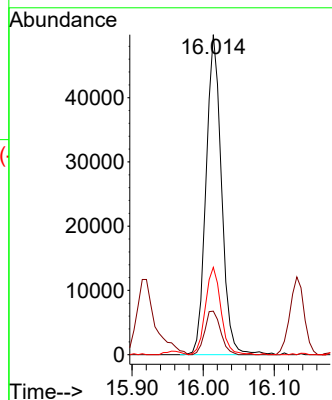
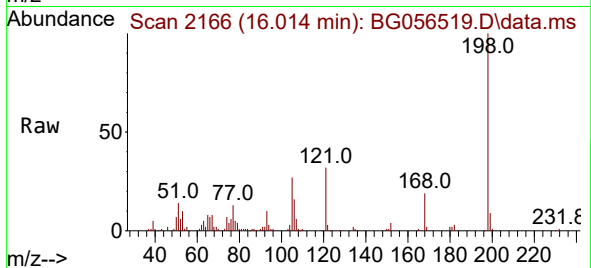




#65
4,6-Dinitro-2-methylphenol
Concen: 45.018 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

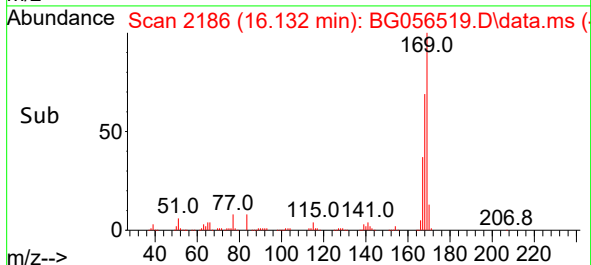
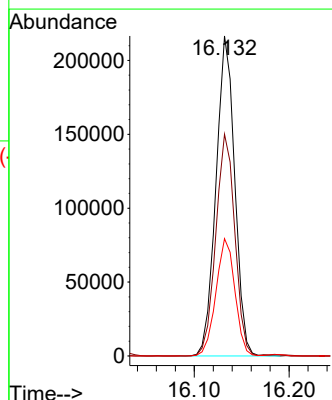
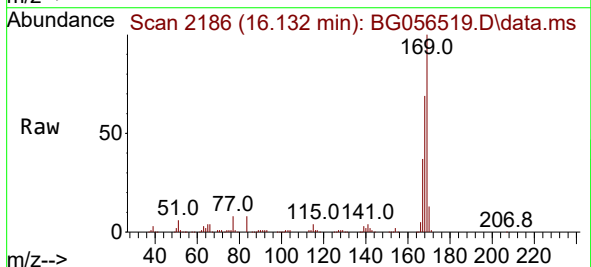
Instrument :
BNA_G
ClientSampleId :
PB150385BS

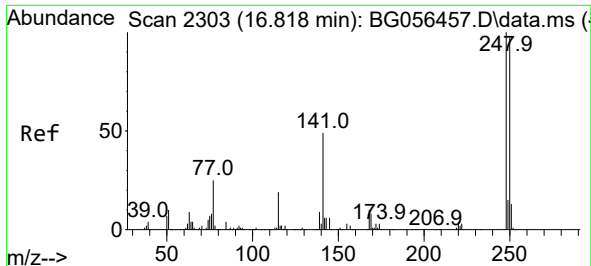
Tgt Ion:198 Resp: 75325
Ion Ratio Lower Upper
198 100
51 13.6 0.0 35.0
105 27.3 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 44.115 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:169 Resp: 297262
Ion Ratio Lower Upper
169 100
168 69.3 55.8 83.6
167 36.6 29.8 44.8

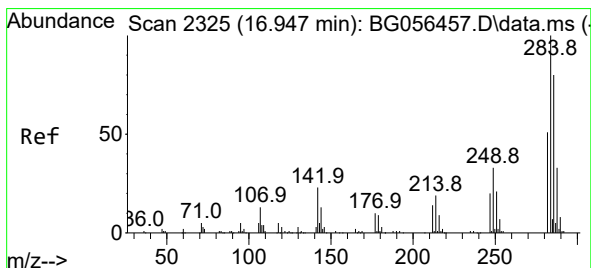
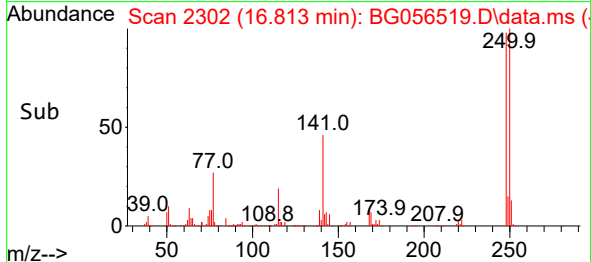
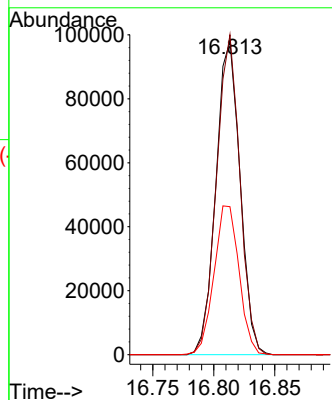
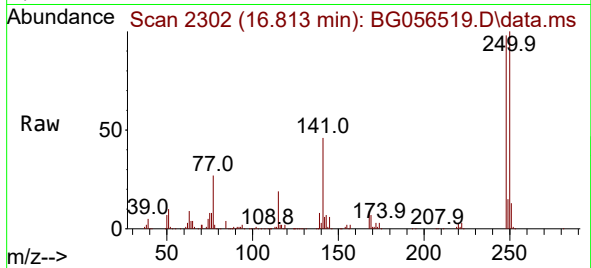




#67
4-Bromophenyl-phenylether
Concen: 44.384 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

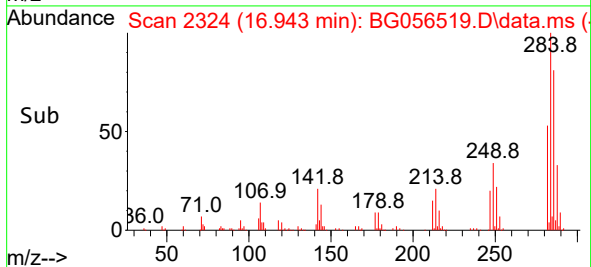
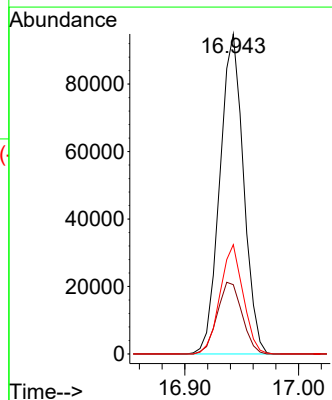
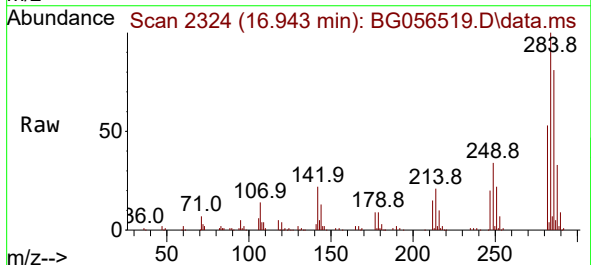
Instrument :
BNA_G
ClientSampleId :
PB150385BS

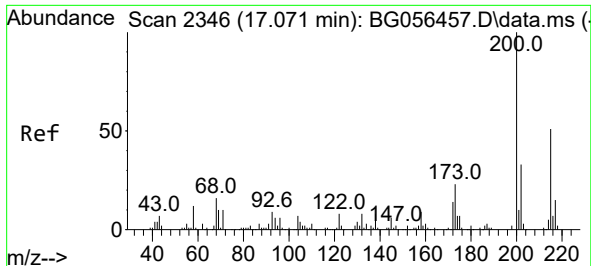
Tgt Ion:248 Resp: 135226
Ion Ratio Lower Upper
248 100
250 102.0 77.6 116.4
141 47.2 39.0 58.4



#68
Hexachlorobenzene
Concen: 46.060 ng
RT: 16.943 min Scan# 2324
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:284 Resp: 137446
Ion Ratio Lower Upper
284 100
142 21.7 18.0 27.0
249 34.2 26.7 40.1

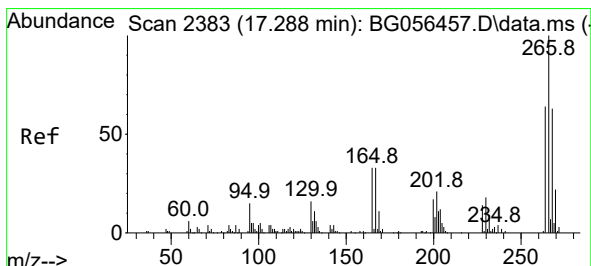
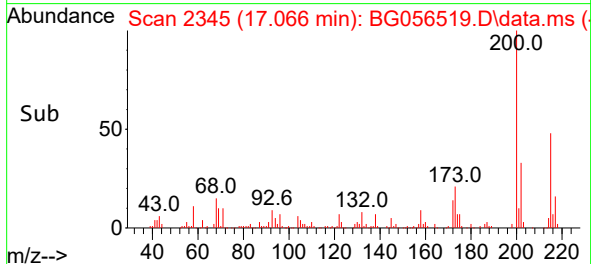
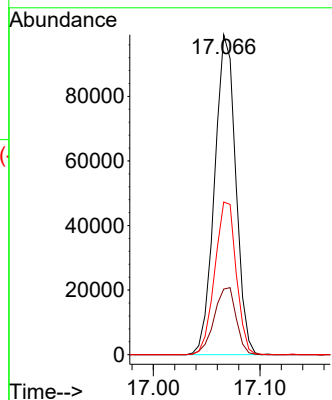
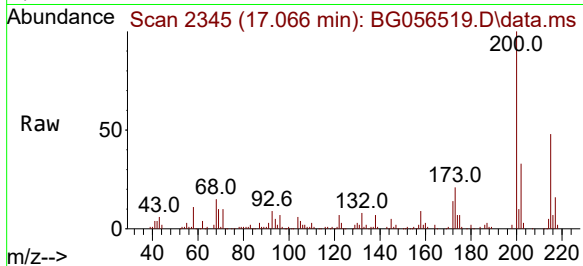




#69
 Atrazine
 Concen: 52.444 ng
 RT: 17.066 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

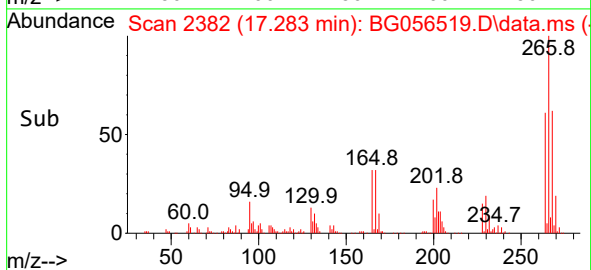
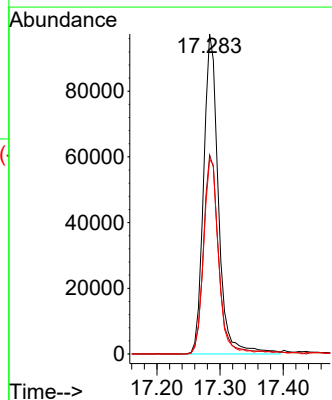
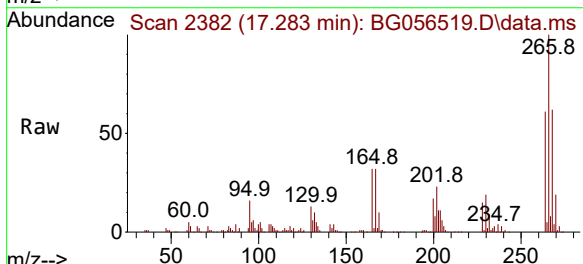
Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

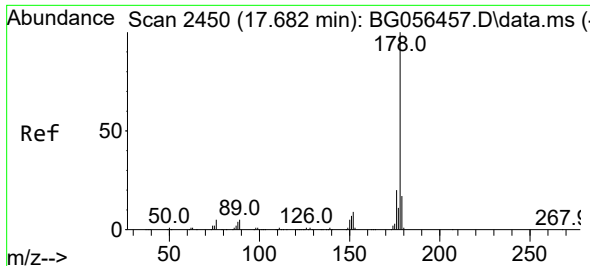
Tgt Ion:200 Resp: 136332
 Ion Ratio Lower Upper
 200 100
 173 20.5 3.2 43.2
 215 47.7 30.7 70.7



#70
 Pentachlorophenol
 Concen: 87.677 ng
 RT: 17.283 min Scan# 2382
 Delta R.T. 0.001 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Tgt Ion:266 Resp: 158309
 Ion Ratio Lower Upper
 266 100
 268 62.2 50.2 75.4
 264 60.8 51.4 77.0

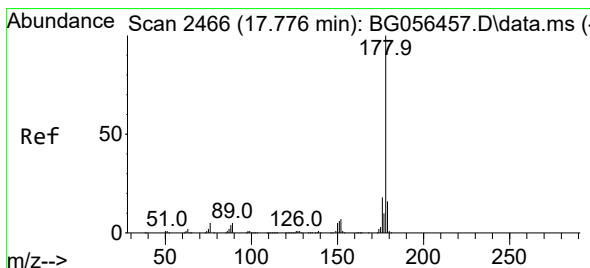
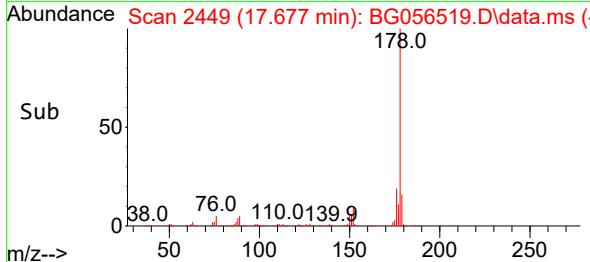
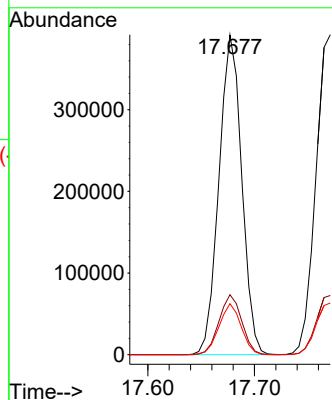
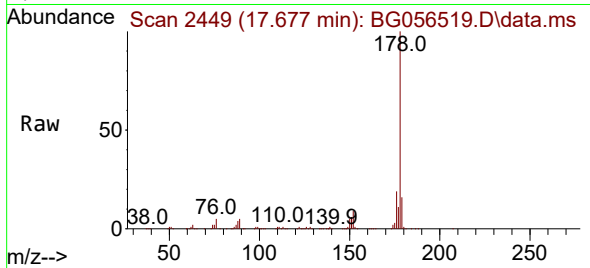




#71
Phenanthrene
Concen: 46.590 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

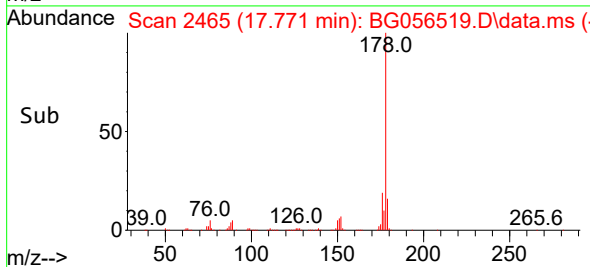
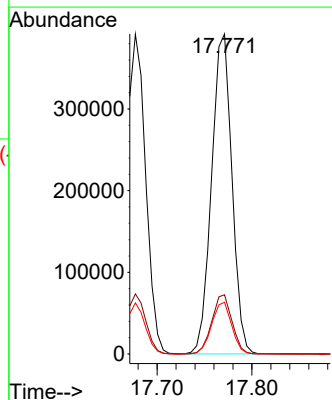
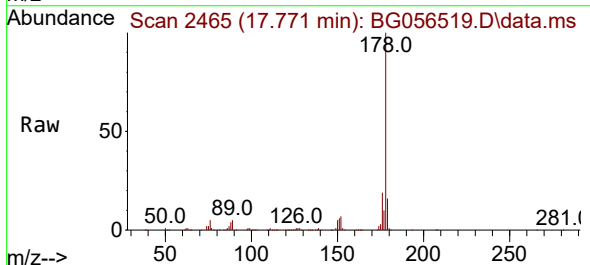
Instrument :
BNA_G
ClientSampleId :
PB150385BS

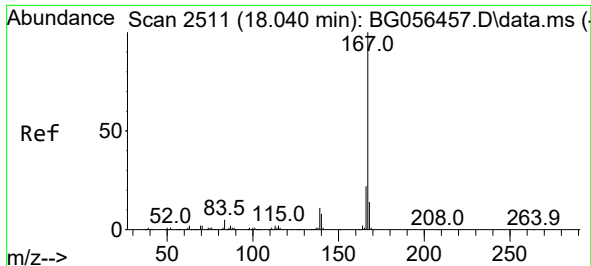
Tgt Ion:178 Resp: 580327
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.9 13.3 19.9



#72
Anthracene
Concen: 45.780 ng
RT: 17.771 min Scan# 2465
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:178 Resp: 585371
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 16.2 12.5 18.7

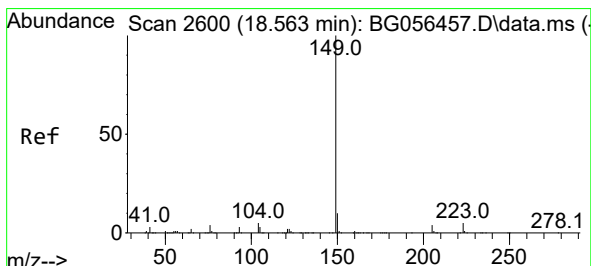
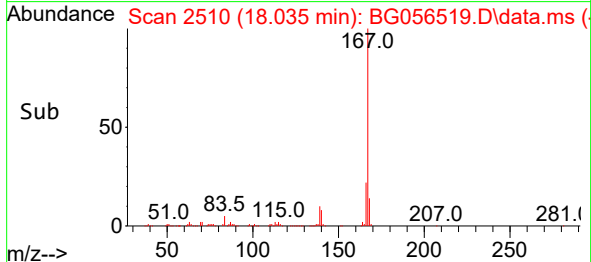
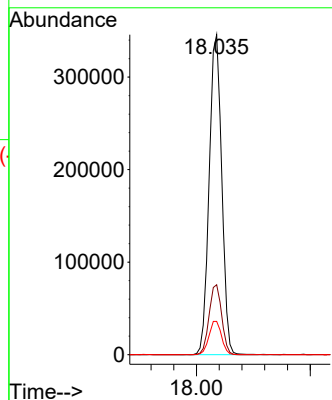
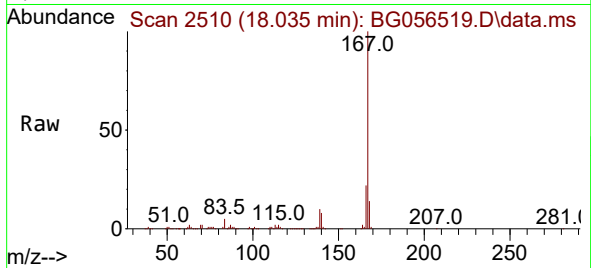




#73
 Carbazole
 Concen: 48.396 ng
 RT: 18.035 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

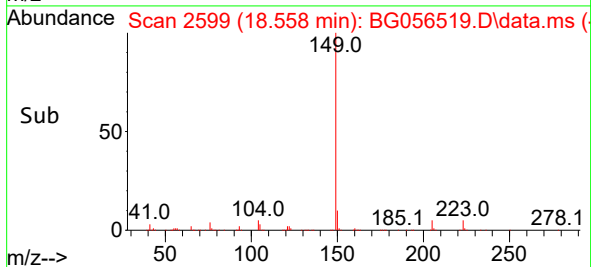
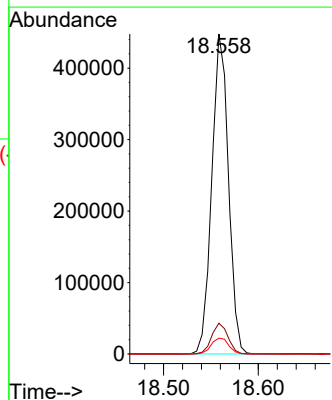
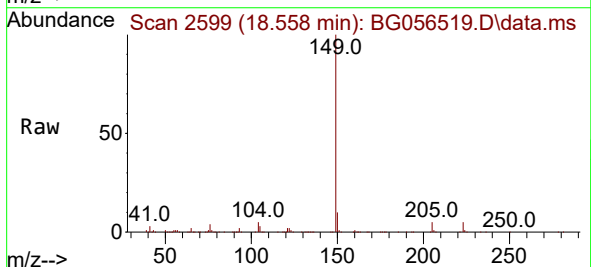
Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

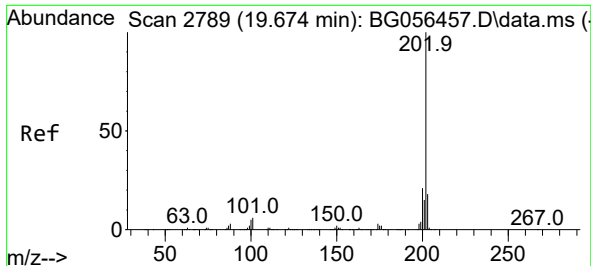
Tgt Ion:167 Resp: 527045
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 10.4 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 47.733 ng
 RT: 18.558 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Tgt Ion:149 Resp: 545811
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.0 4.0 6.0

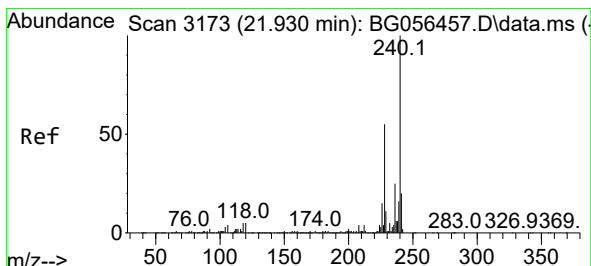
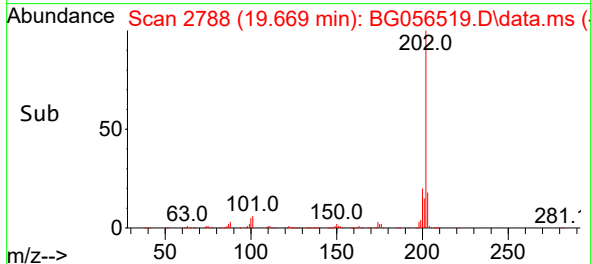
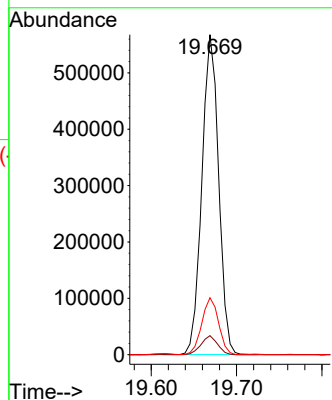
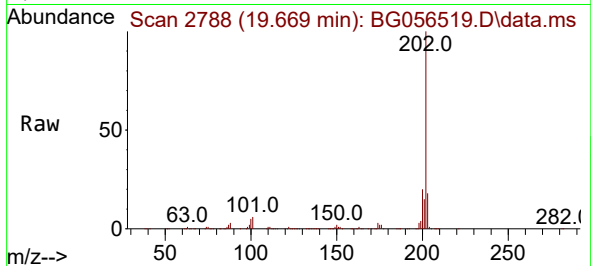




#75
Fluoranthene
Concen: 49.166 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

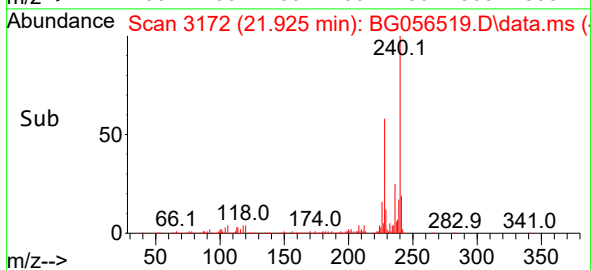
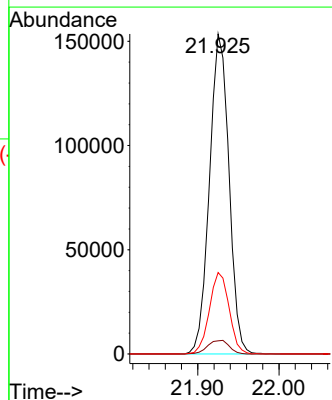
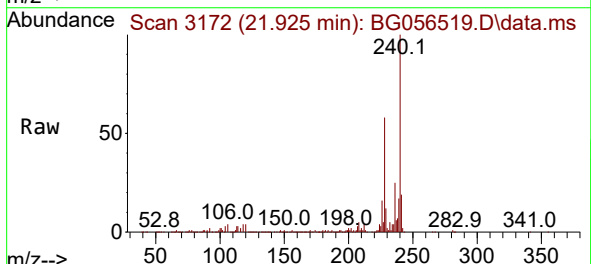
Instrument :
BNA_G
ClientSampleId :
PB150385BS

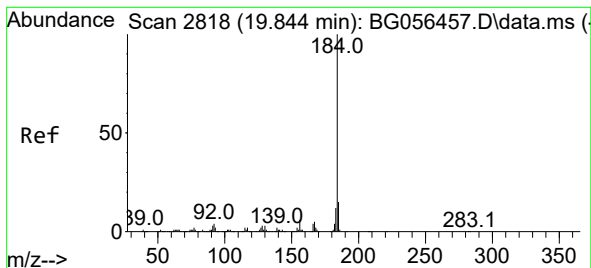
Tgt Ion:202 Resp: 772939
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.6
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:240 Resp: 255452
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.8
236 25.5 20.2 30.2





#77

Benzidine

Concen: 65.533 ng

RT: 19.839 min Scan# 2817

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

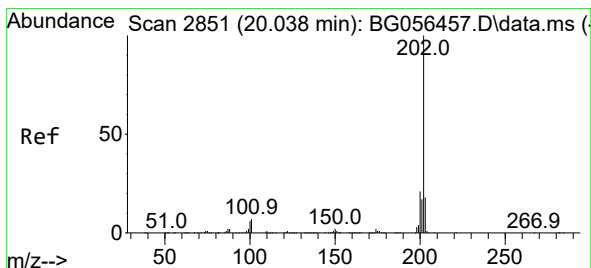
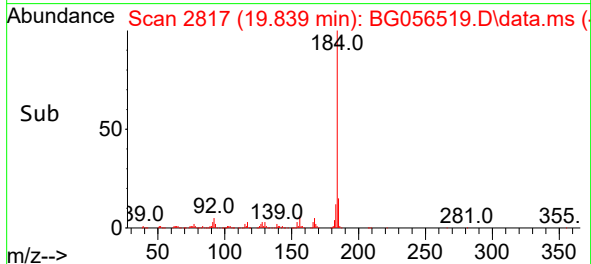
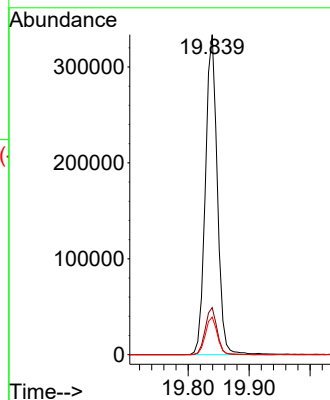
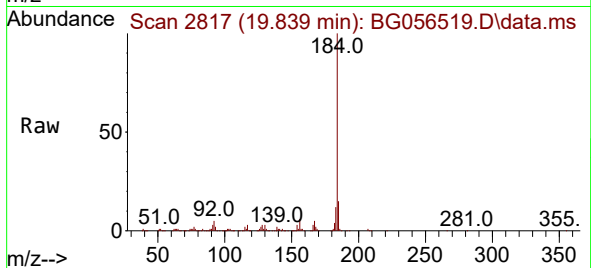
Tgt Ion:184 Resp: 453018

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

183 11.8 9.8 14.8



#78

Pyrene

Concen: 43.518 ng

RT: 20.033 min Scan# 2850

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

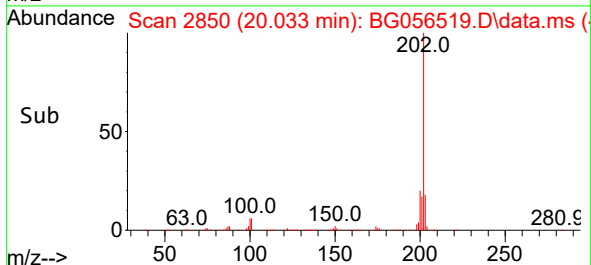
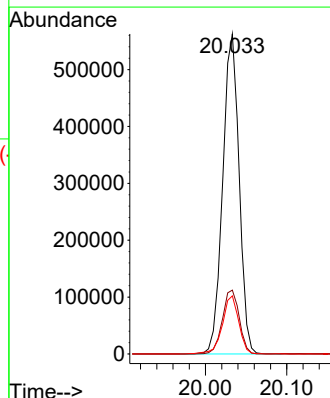
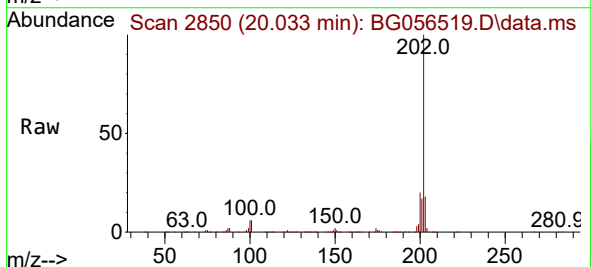
Tgt Ion:202 Resp: 790648

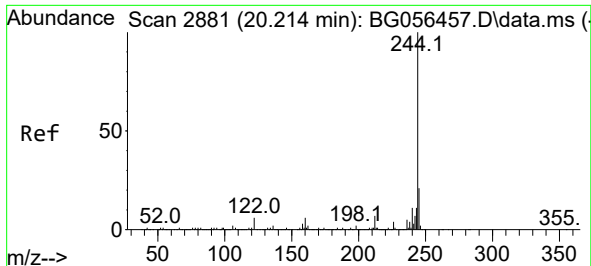
Ion Ratio Lower Upper

202 100

200 20.0 16.7 25.1

203 18.2 14.4 21.6

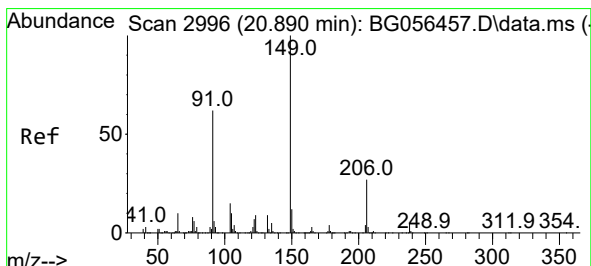
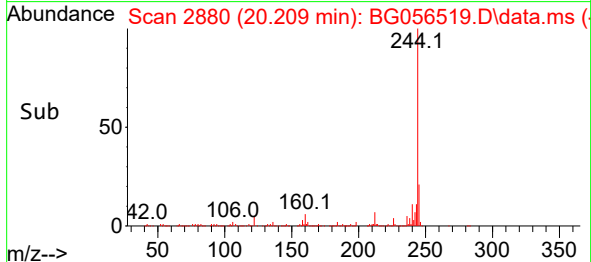
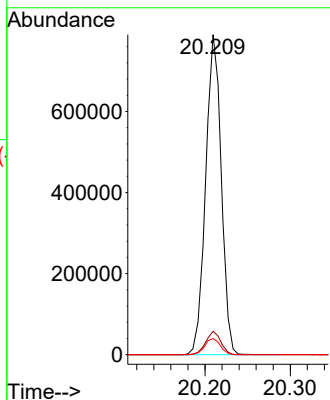
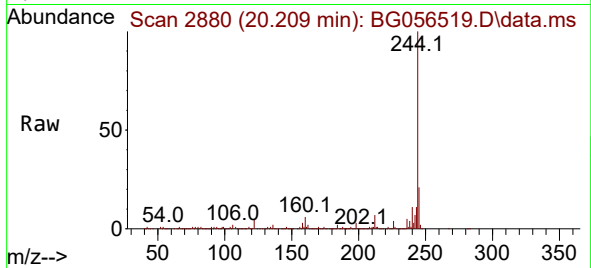




#79
 Terphenyl-d14
 Concen: 68.834 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

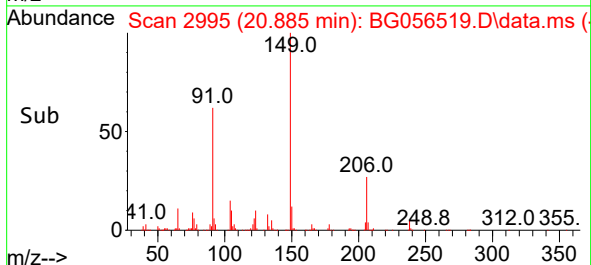
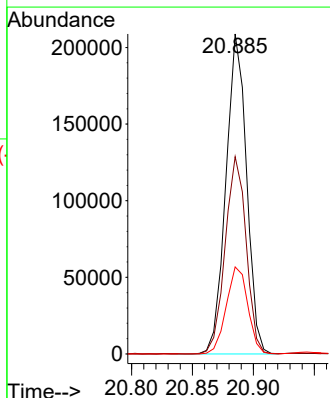
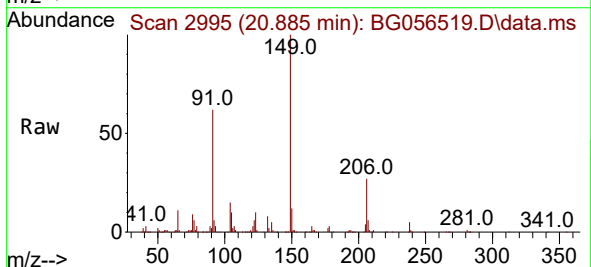
Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

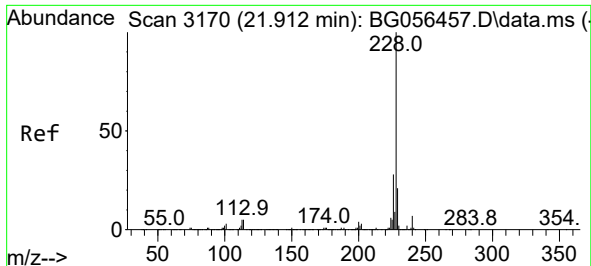
Tgt Ion:244 Resp: 1001153
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 5.1 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 44.450 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Tgt Ion:149 Resp: 246640
 Ion Ratio Lower Upper
 149 100
 91 61.7 49.4 74.0
 206 27.2 22.0 33.0

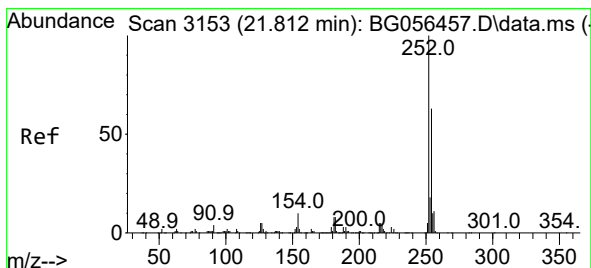
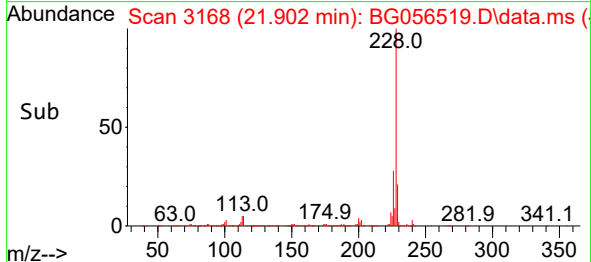
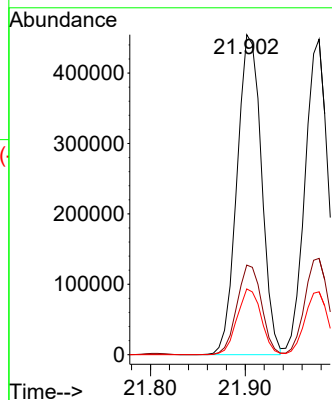
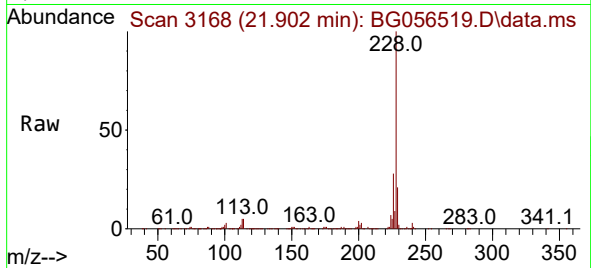




#81
Benzo(a)anthracene
Concen: 45.749 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

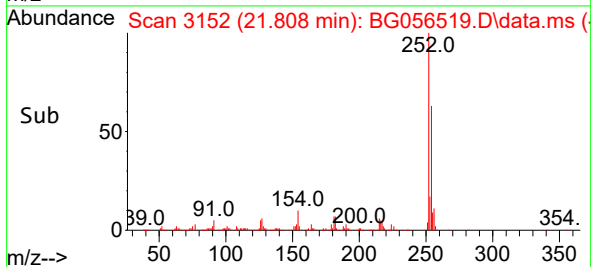
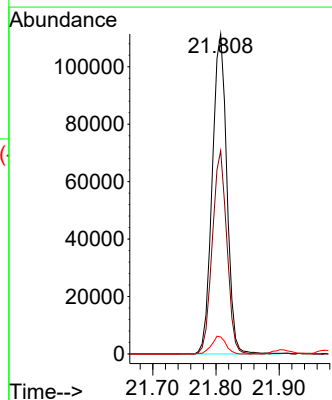
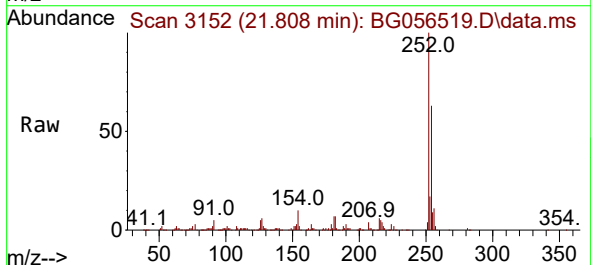
Instrument :
BNA_G
ClientSampleId :
PB150385BS

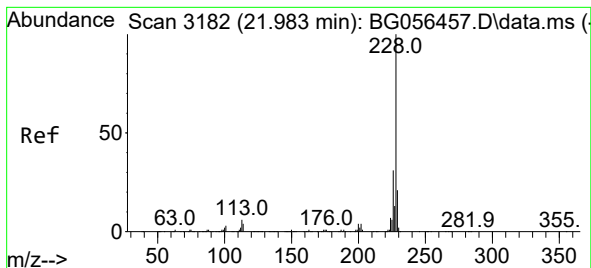
Tgt Ion:228 Resp: 817037
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.5 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 27.805 ng
RT: 21.808 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:252 Resp: 178820
Ion Ratio Lower Upper
252 100
254 63.5 50.0 75.0
126 5.3 4.3 6.5





#83

Chrysene

Concen: 45.141 ng

RT: 21.978 min Scan# 3181

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

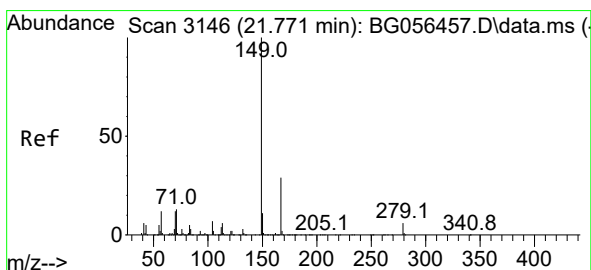
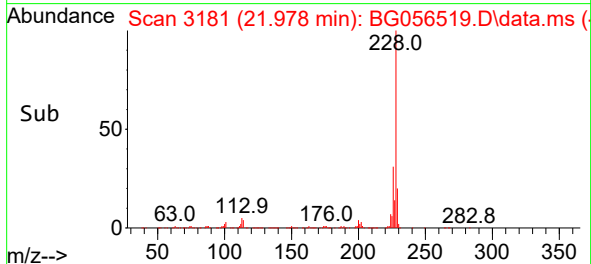
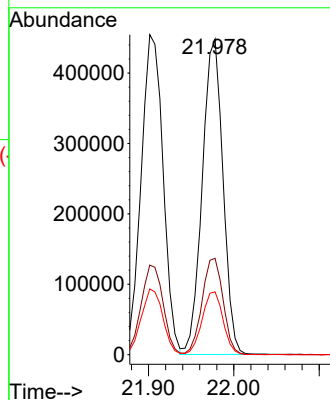
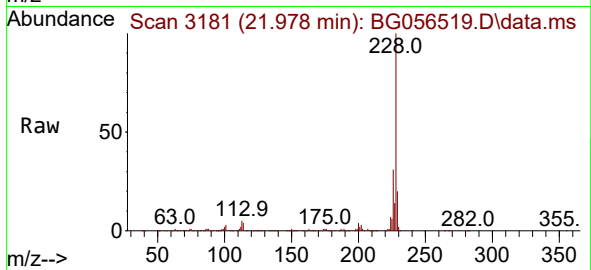
Tgt Ion:228 Resp: 757390

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

229 19.9 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.665 ng

RT: 21.766 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

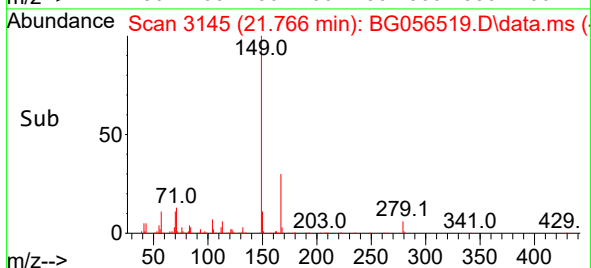
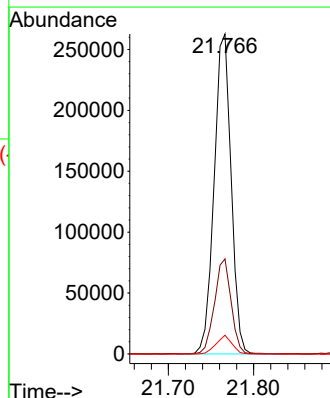
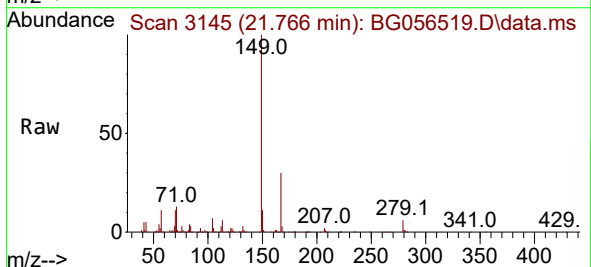
Tgt Ion:149 Resp: 363277

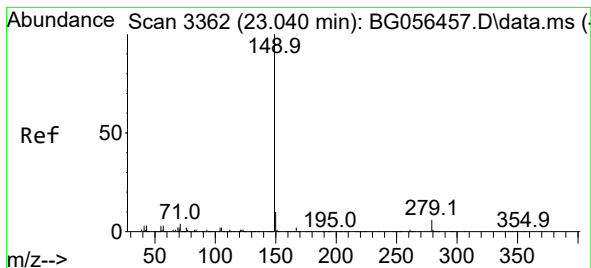
Ion Ratio Lower Upper

149 100

167 29.7 23.4 35.2

279 5.9 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 46.521 ng

RT: 23.035 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

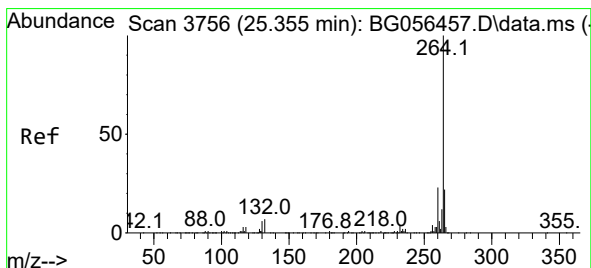
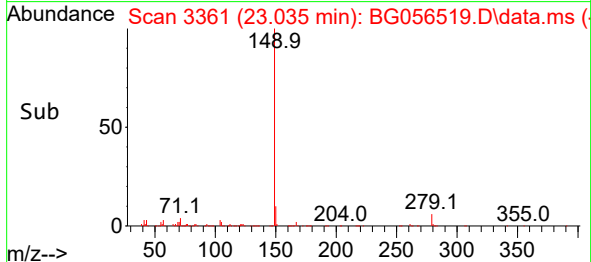
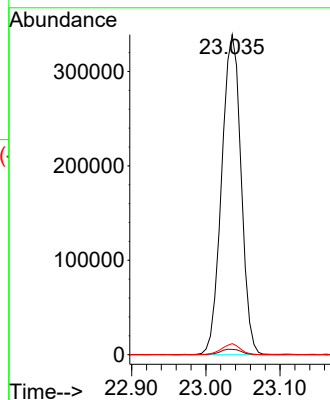
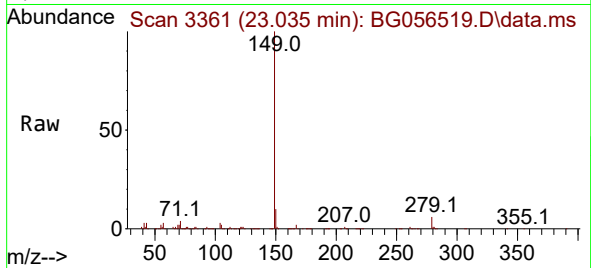
Tgt Ion:149 Resp: 616319

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 3.3 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.350 min Scan# 3755

Delta R.T. 0.007 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

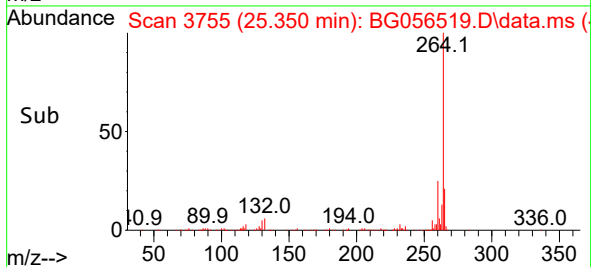
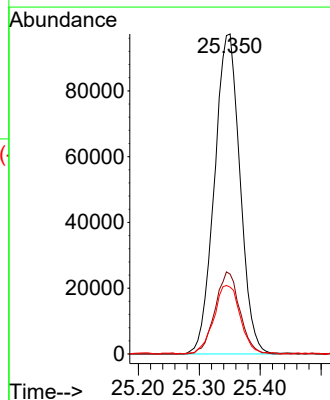
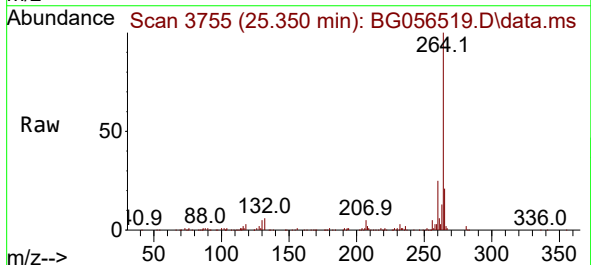
Tgt Ion:264 Resp: 283171

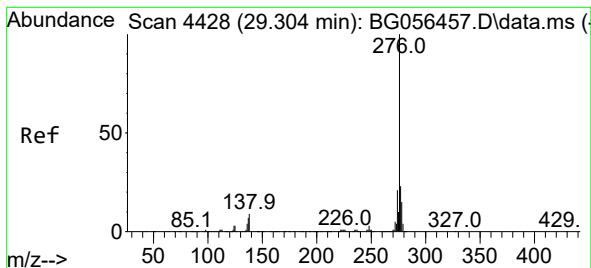
Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 20.9 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.646 ng

RT: 29.293 min Scan# 4428

Delta R.T. 0.013 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

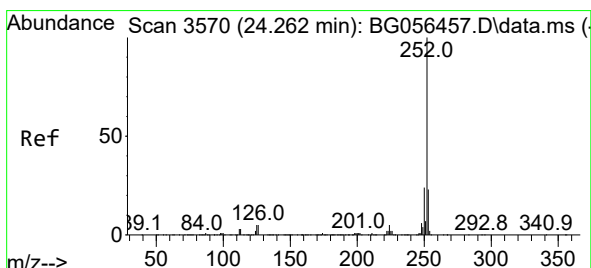
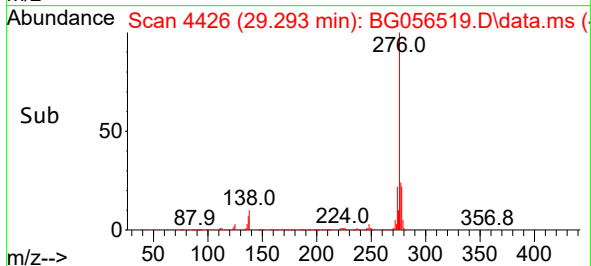
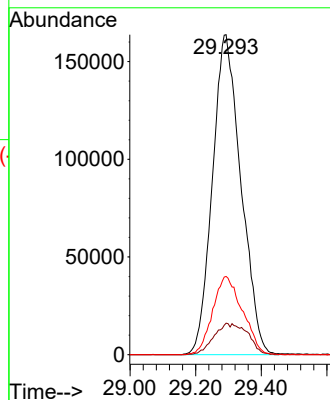
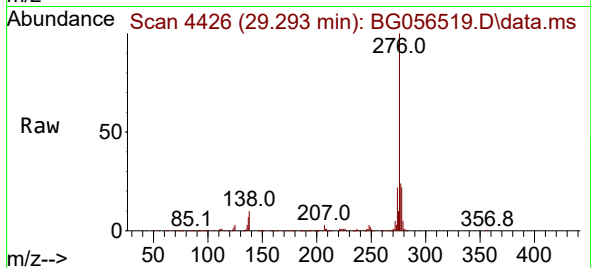
Tgt Ion:276 Resp: 987625

Ion Ratio Lower Upper

276 100

138 5.7 9.4 14.2#

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.307 ng

RT: 24.258 min Scan# 3569

Delta R.T. 0.007 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

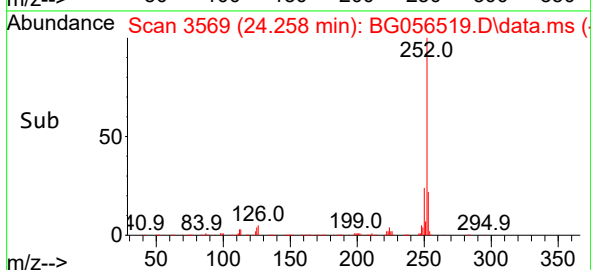
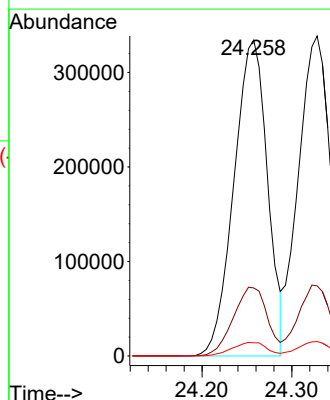
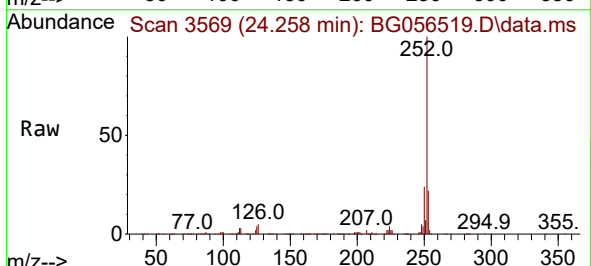
Tgt Ion:252 Resp: 866638

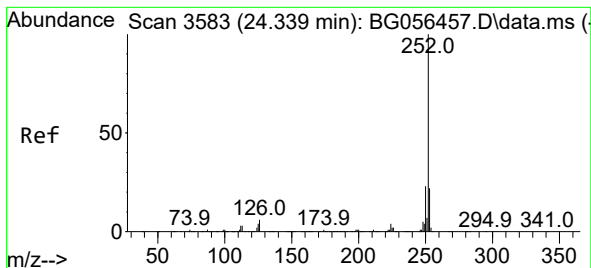
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 4.2 3.9 5.9





#89

Benzo(k)fluoranthene

Concen: 47.820 ng

RT: 24.328 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

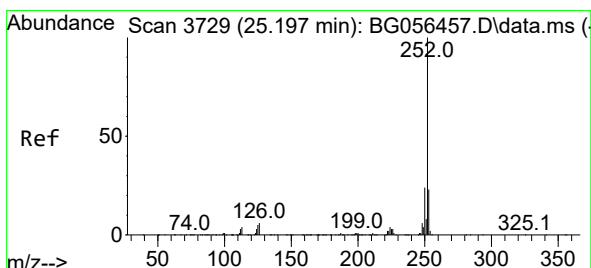
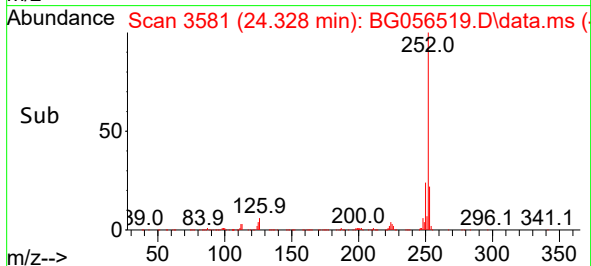
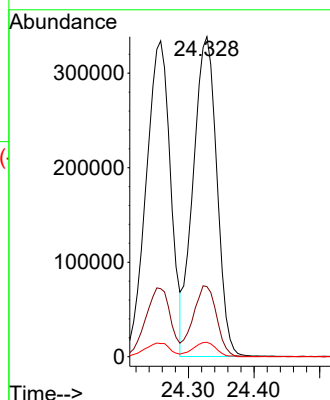
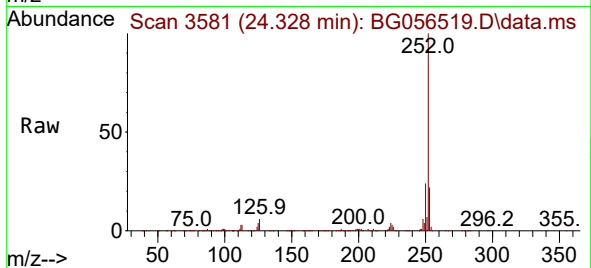
Tgt Ion:252 Resp: 848597

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 4.5 3.4 5.0



#90

Benzo(a)pyrene

Concen: 44.165 ng

RT: 25.186 min Scan# 3727

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

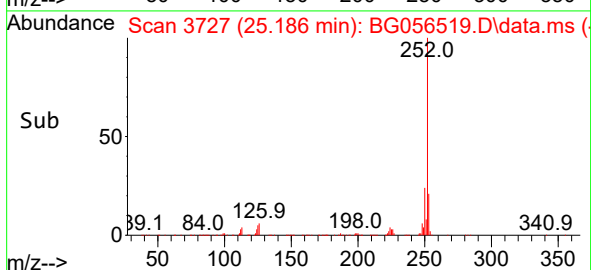
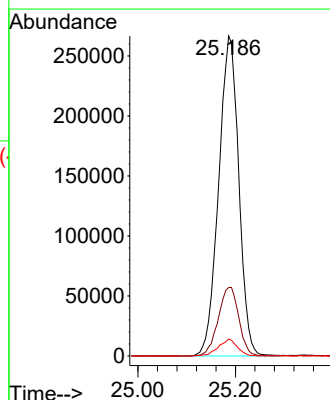
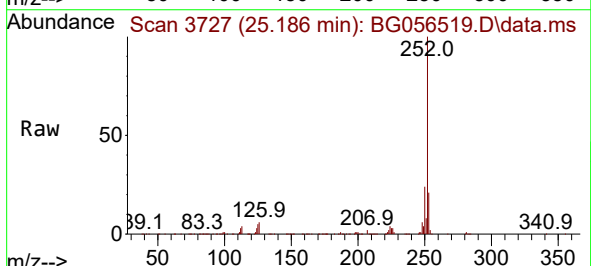
Tgt Ion:252 Resp: 764655

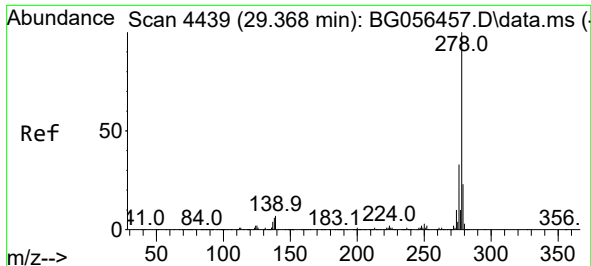
Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

125 5.3 4.1 6.1

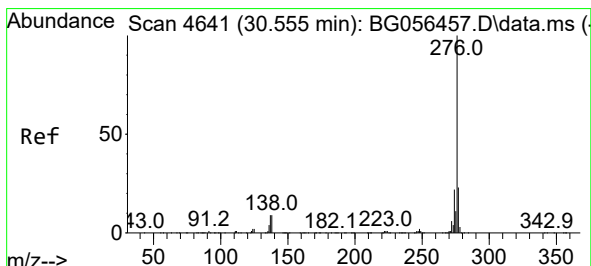
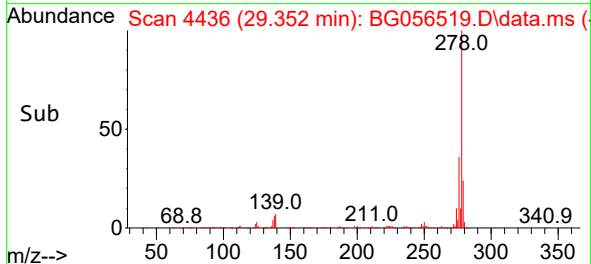
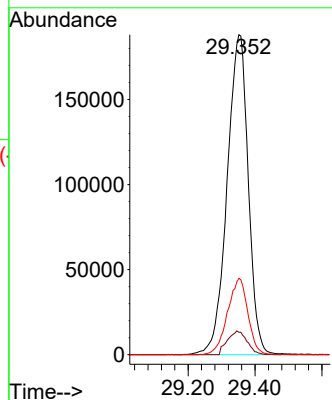
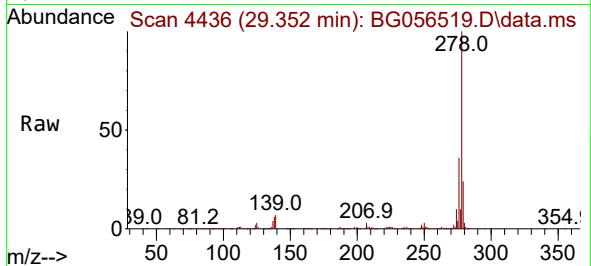




#91
 Dibenzo(a,h)anthracene
 Concen: 47.380 ng
 RT: 29.352 min Scan# 4436
 Delta R.T. 0.007 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB150385BS

Tgt Ion:278 Resp: 824377
 Ion Ratio Lower Upper
 278 100
 139 7.0 5.5 8.3
 279 23.8 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 47.670 ng
 RT: 30.538 min Scan# 4638
 Delta R.T. 0.013 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Tgt Ion:276 Resp: 800311
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.5 27.7
 138 9.9 7.4 11.0

