

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057171.D
 Acq On : 25 Apr 2023 11:10
 Operator : CG/JU
 Sample : PB152259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152259BS

Quant Time: Apr 25 23:56:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	18353	20.000	ng	0.00
21) Naphthalene-d8	11.225	136	77369	20.000	ng	0.00
39) Acenaphthene-d10	14.996	164	58941	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	144884	20.000	ng	0.00
76) Chrysene-d12	22.051	240	130763	20.000	ng	0.00
86) Perylene-d12	25.564	264	137343	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	167547	165.436	ng	0.00
7) Phenol-d6	7.524	99	243869	166.426	ng	0.00
23) Nitrobenzene-d5	9.562	82	157194	100.442	ng	0.00
42) 2,4,6-Tribromophenol	16.482	330	104436	134.292	ng	0.00
45) 2-Fluorobiphenyl	13.621	172	373569	85.178	ng	0.00
79) Terphenyl-d14	20.306	244	724633	96.928	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.699	88	17578	38.733	ng 91
3) Pyridine	4.122	79	51201	37.184	ng 89
4) n-Nitrosodimethylamine	4.028	42	30512	61.429	ng 96
6) Aniline	7.694	93	84324	44.065	ng 95
8) 2-Chlorophenol	7.941	128	57654	54.342	ng 97
9) Benzaldehyde	7.506	77	38375	43.723	ng 88
10) Phenol	7.547	94	82216	56.506	ng 96
11) bis(2-Chloroethyl)ether	7.782	93	55918	48.975	ng 92
12) 1,3-Dichlorobenzene	8.270	146	58800	46.785	ng 94
13) 1,4-Dichlorobenzene	8.417	146	60821	48.018	ng 97
14) 1,2-Dichlorobenzene	8.745	146	59133	48.353	ng 97
15) Benzyl Alcohol	8.616	79	62905	58.260	ng 96
16) 2,2'-oxybis(1-Chloropr...	8.904	45	73173	48.600	ng 92
17) 2-Methylphenol	8.816	107	54589	51.271	ng 96
18) Hexachloroethane	9.486	117	21804	50.743	ng 91
19) n-Nitroso-di-n-propyla...	9.186	70	54124	59.384	ng 94
20) 3+4-Methylphenols	9.145	107	73779	50.634	ng 97
22) Acetophenone	9.210	105	97173	46.299	ng # 92
24) Nitrobenzene	9.603	77	79791	50.780	ng 94
25) Isophorone	10.126	82	142372	47.428	ng 98
26) 2-Nitrophenol	10.320	139	29919	50.966	ng # 87
27) 2,4-Dimethylphenol	10.361	122	57978	51.387	ng 96
28) bis(2-Chloroethoxy)met...	10.596	93	74817	47.545	ng 100
29) 2,4-Dichlorophenol	10.860	162	61774	49.149	ng 99
30) 1,2,4-Trichlorobenzene	11.078	180	66894	43.524	ng 92
31) Naphthalene	11.272	128	180879	44.016	ng 100
32) Benzoic acid	10.508	122	23592	45.010	ng 97
33) 4-Chloroaniline	11.371	127	56774	31.423	ng 96
34) Hexachlorobutadiene	11.548	225	46644	41.158	ng 96
35) Caprolactam	12.135	113	11306	32.486	ng 96
36) 4-Chloro-3-methylphenol	12.464	107	67220	49.715	ng 96
37) 2-Methylnaphthalene	12.846	142	134871	41.706	ng 96
38) 1-Methylnaphthalene	13.063	142	126234	42.281	ng 99
40) 1,2,4,5-Tetrachloroben...	13.210	216	91778	42.555	ng # 99
41) Hexachlorocyclopentadiene	13.187	237	97457	104.141	ng 94
43) 2,4,6-Trichlorophenol	13.439	196	55657	47.668	ng 97

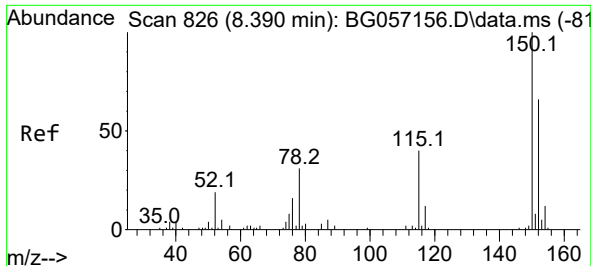
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.516	196	59932	42.517	ng	95
46) 1,1'-Biphenyl	13.833	154	193784	44.108	ng	99
47) 2-Chloronaphthalene	13.886	162	143775	43.360	ng	98
48) 2-Nitroaniline	14.079	65	43410	51.968	ng	90
49) Acenaphthylene	14.726	152	229446	43.589	ng	99
50) Dimethylphthalate	14.432	163	192544	46.546	ng	98
51) 2,6-Dinitrotoluene	14.561	165	40951	47.427	ng	94
52) Acenaphthene	15.060	154	141351	41.101	ng	98
53) 3-Nitroaniline	14.896	138	29724	34.667	ng	96
54) 2,4-Dinitrophenol	15.102	184	47090	94.905	ng	87
55) Dibenzofuran	15.389	168	231992	41.632	ng	97
56) 4-Nitrophenol	15.190	139	63553	105.305	ng	# 78
57) 2,4-Dinitrotoluene	15.348	165	59035	50.205	ng	# 93
58) Fluorene	16.036	166	194759	43.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.613	232	58201	48.202	ng	97
60) Diethylphthalate	15.777	149	192141	48.187	ng	99
61) 4-Chlorophenyl-phenyle...	16.018	204	113436	42.127	ng	99
62) 4-Nitroaniline	16.053	138	40149	46.503	ng	# 82
63) Azobenzene	16.306	77	204345	48.175	ng	96
65) 4,6-Dinitro-2-methylph...	16.112	198	35147	46.868	ng	95
66) n-Nitrosodiphenylamine	16.229	169	169917	44.946	ng	99
67) 4-Bromophenyl-phenylether	16.911	248	73198	42.011	ng	96
68) Hexachlorobenzene	17.040	284	77550	43.394	ng	96
69) Atrazine	17.164	200	68914	57.073	ng	93
70) Pentachlorophenol	17.381	266	77914	92.770	ng	97
71) Phenanthrene	17.780	178	326545	44.149	ng	100
72) Anthracene	17.868	178	329345	44.037	ng	99
73) Carbazole	18.133	167	291630	46.196	ng	99
74) Di-n-butylphthalate	18.656	149	298677	50.863	ng	98
75) Fluoranthene	19.766	202	402369	43.787	ng	99
77) Benzidine	19.930	184	144605	73.388	ng	97
78) Pyrene	20.130	202	412613	46.475	ng	100
80) Butylbenzylphthalate	20.982	149	115171	49.683	ng	93
81) Benzo(a)anthracene	22.028	228	411503	45.770	ng	99
82) 3,3'-Dichlorobenzidine	21.928	252	106309	45.178	ng	98
83) Chrysene	22.098	228	382550	44.122	ng	99
84) Bis(2-ethylhexyl)phtha...	21.875	149	172391	47.124	ng	98
85) Di-n-octyl phthalate	23.179	149	294742	50.257	ng	97
87) Indeno(1,2,3-cd)pyrene	29.635	276	456237	46.375	ng	# 91
88) Benzo(b)fluoranthene	24.442	252	425063	49.372	ng	99
89) Benzo(k)fluoranthene	24.512	252	411321	46.188	ng	98
90) Benzo(a)pyrene	25.399	252	371715	43.836	ng	98
91) Dibenzo(a,h)anthracene	29.694	278	378644	46.353	ng	97
92) Benzo(g,h,i)perylene	30.915	276	367921	45.522	ng	98

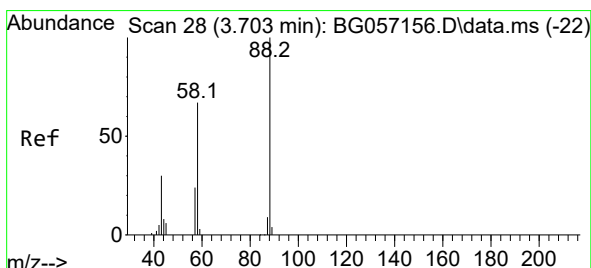
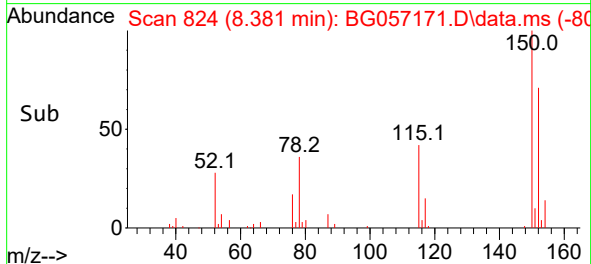
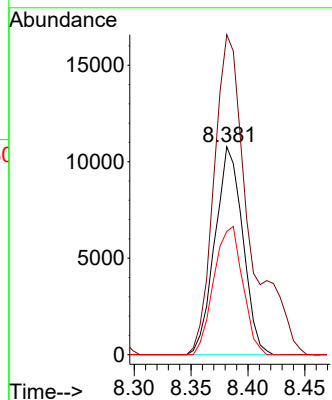
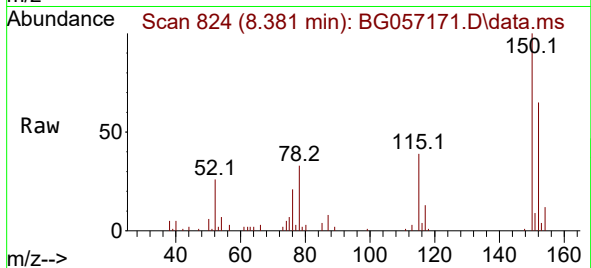
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.009 min
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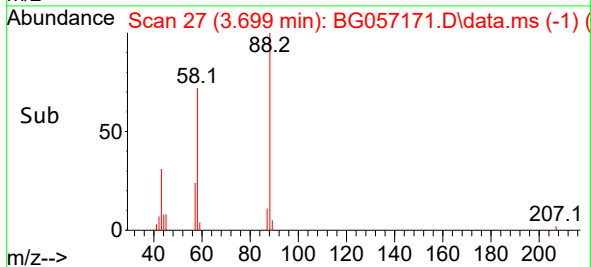
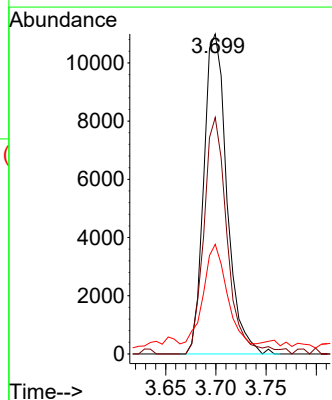
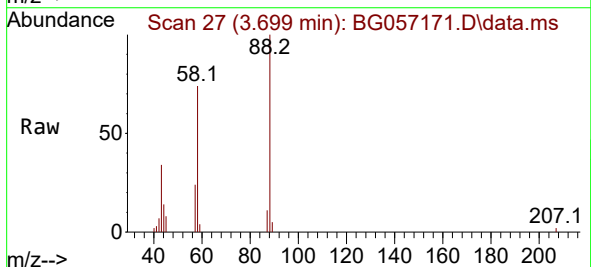
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BNA_G
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PB152259BS

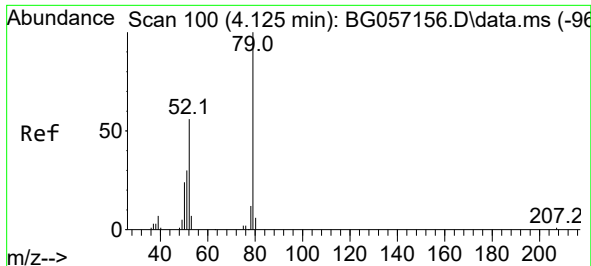
Tgt Ion:152 Resp: 18353
Ion Ratio Lower Upper
152 100
150 153.9 121.4 182.2
115 59.3 48.1 72.1



#2
1,4-Dioxane
Concen: 38.733 ng
RT: 3.699 min Scan# 27
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 88 Resp: 17578
Ion Ratio Lower Upper
88 100
58 75.1 54.2 81.4
43 32.8 23.0 34.6

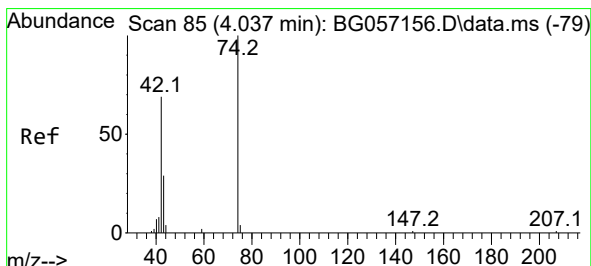
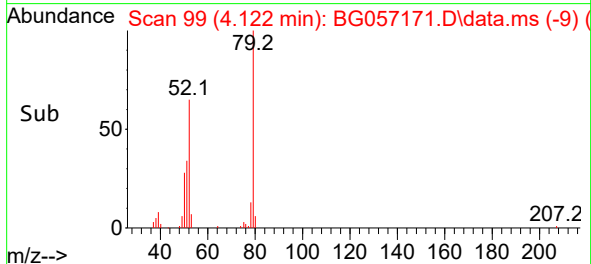
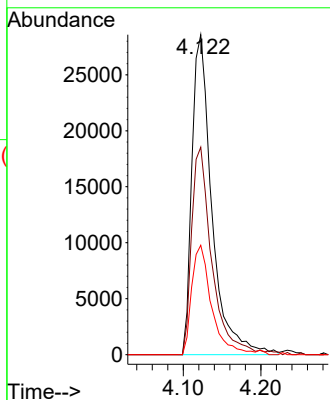
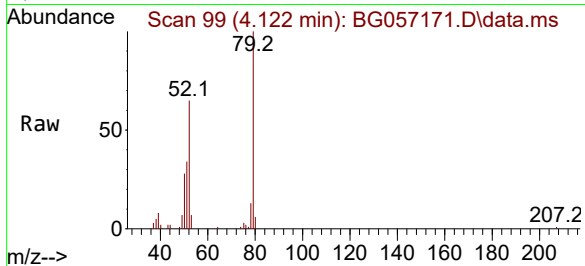




#3
 Pyridine
 Concen: 37.184 ng
 RT: 4.122 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

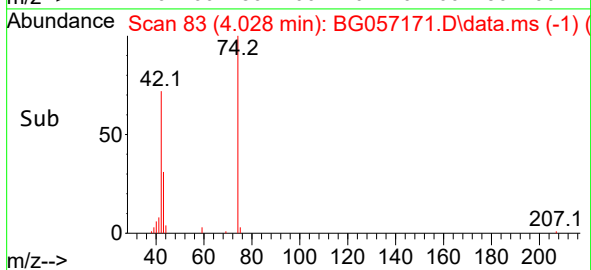
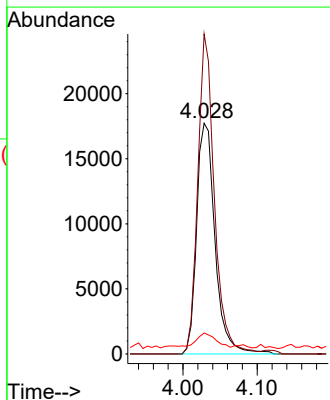
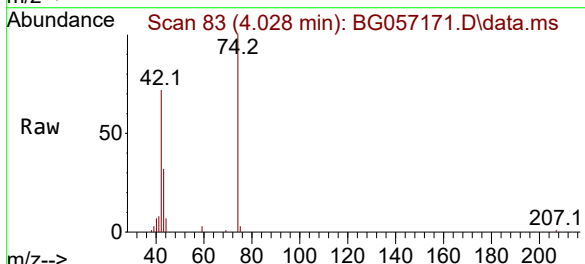
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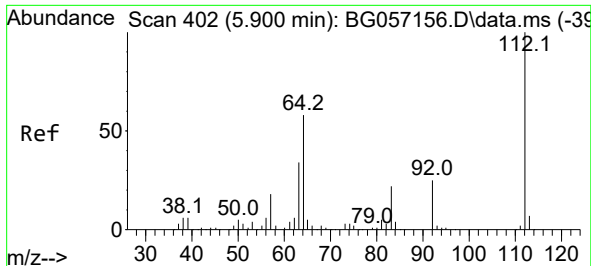
Tgt Ion: 79 Resp: 51201
 Ion Ratio Lower Upper
 79 100
 52 64.9 44.5 66.7
 51 34.2 24.3 36.5



#4
 n-Nitrosodimethylamine
 Concen: 61.429 ng
 RT: 4.028 min Scan# 83
 Delta R.T. -0.009 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

Tgt Ion: 42 Resp: 30512
 Ion Ratio Lower Upper
 42 100
 74 138.7 115.6 173.4
 44 9.1 7.1 10.7

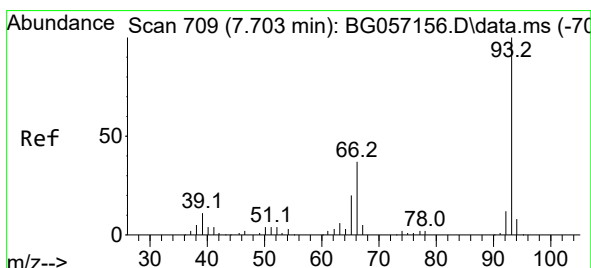
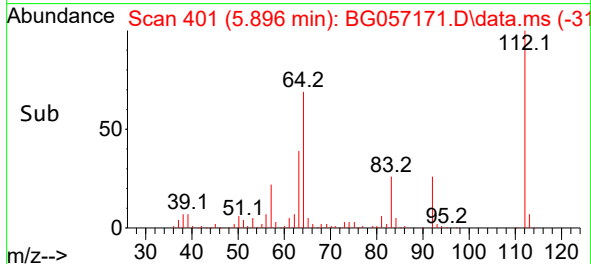
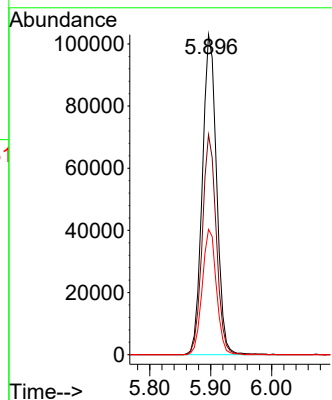
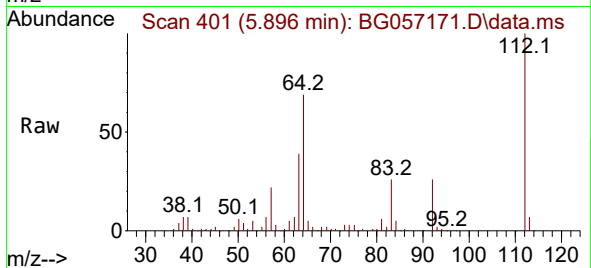




#5
2-Fluorophenol
Concen: 165.436 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

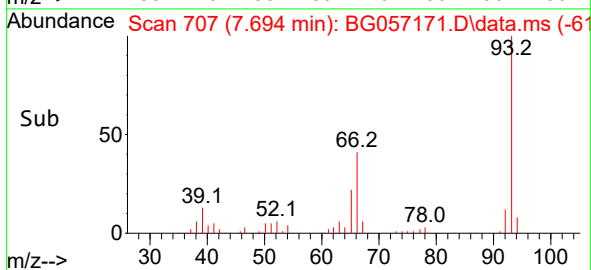
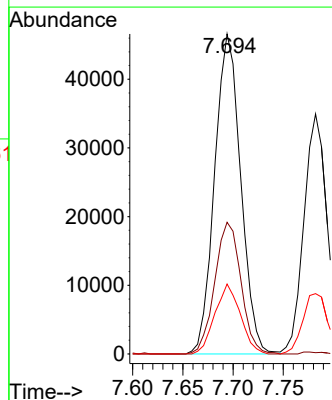
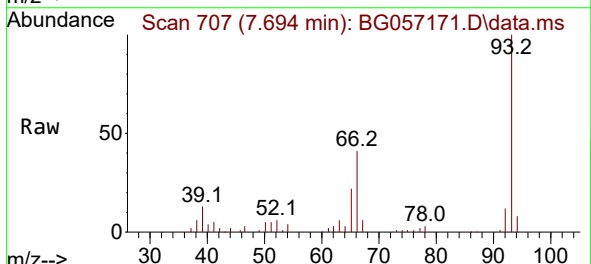
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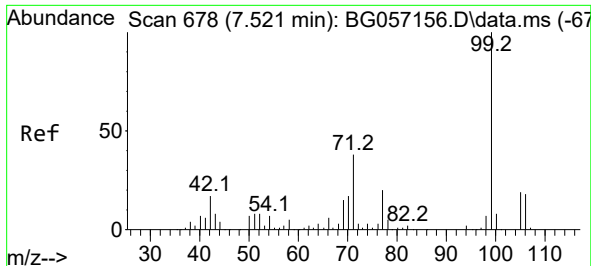
Tgt Ion:112 Resp: 167547
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 39.2 26.9 40.3



#6
Aniline
Concen: 44.065 ng
RT: 7.694 min Scan# 707
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 93 Resp: 84324
Ion Ratio Lower Upper
93 100
66 41.2 29.8 44.8
65 21.8 16.4 24.6

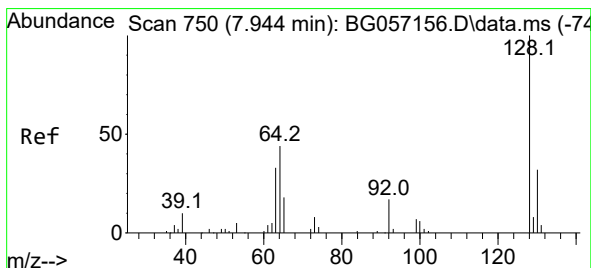
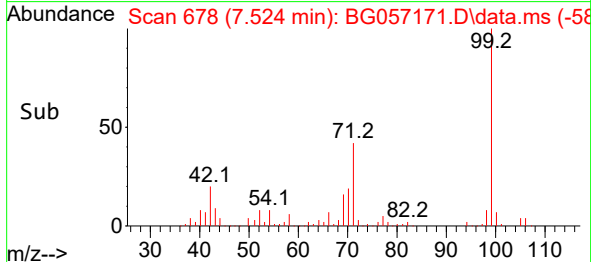
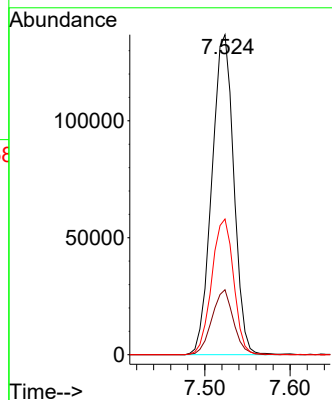
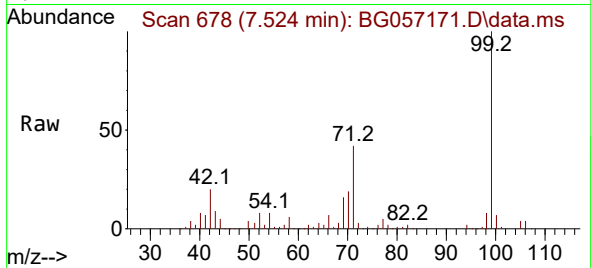




#7
Phenol-d6
Concen: 166.426 ng
RT: 7.524 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

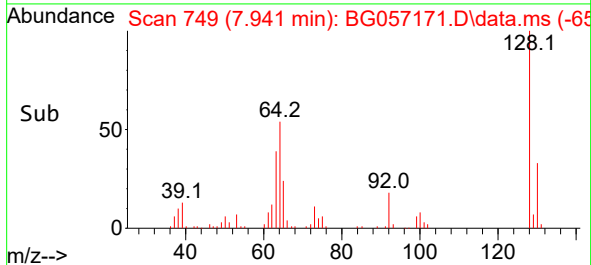
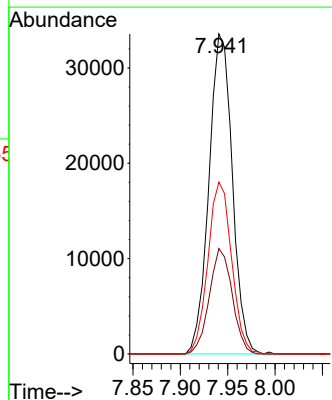
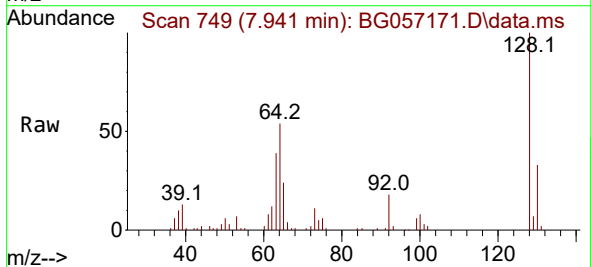
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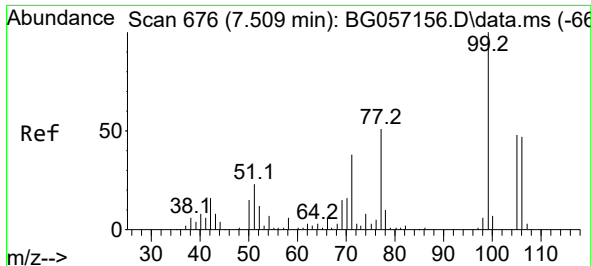
Tgt Ion: 99 Resp: 243869
Ion Ratio Lower Upper
99 100
42 20.3 13.4 20.0#
71 42.4 30.2 45.2



#8
2-Chlorophenol
Concen: 54.342 ng
RT: 7.941 min Scan# 749
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:128 Resp: 57654
Ion Ratio Lower Upper
128 100
130 32.9 11.6 51.6
64 53.7 31.4 71.4

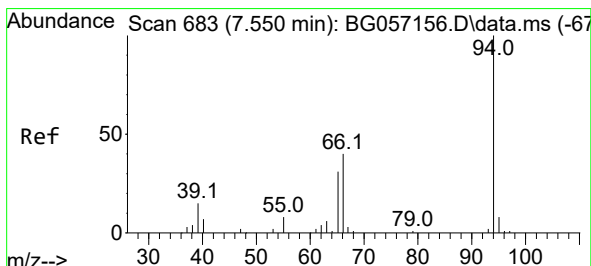
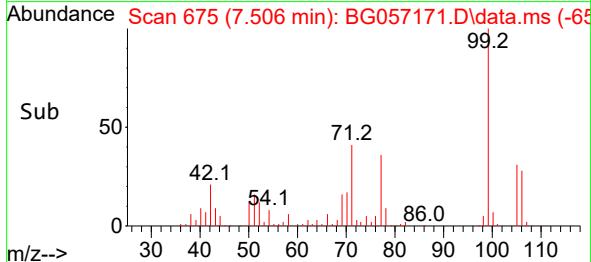
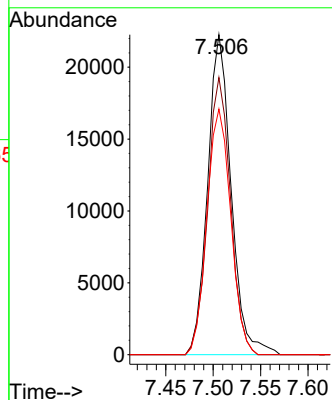
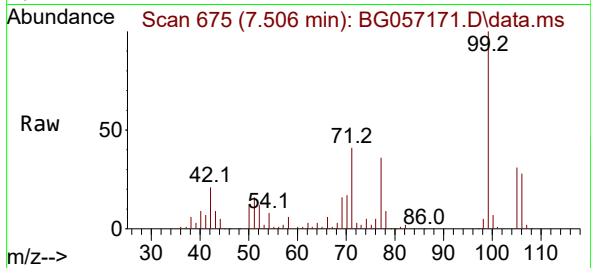




#9
Benzaldehyde
Concen: 43.723 ng
RT: 7.506 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

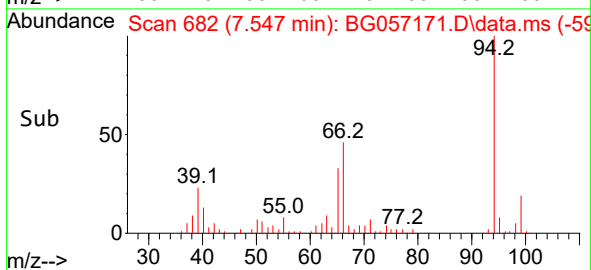
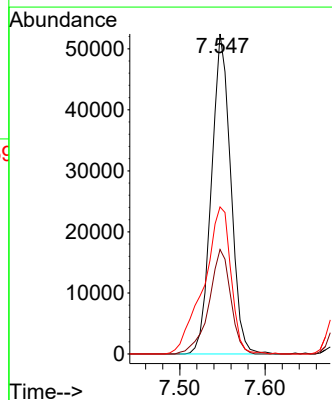
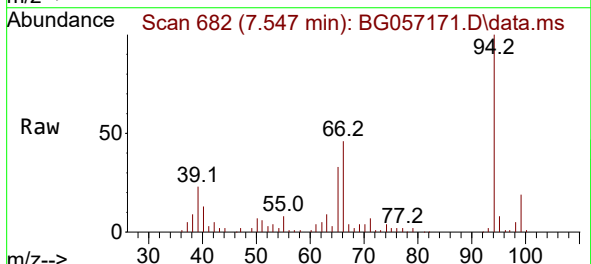
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ClientSampleId :
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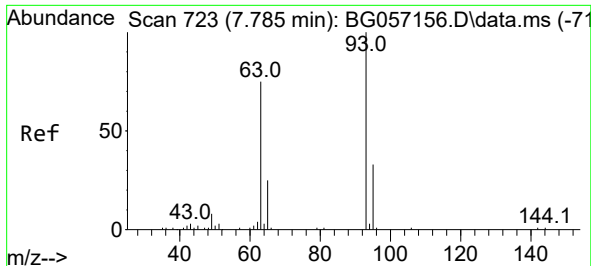
Tgt Ion: 77 Resp: 38375
Ion Ratio Lower Upper
77 100
105 86.6 73.5 113.5
106 76.8 72.7 112.7



#10
Phenol
Concen: 56.506 ng
RT: 7.547 min Scan# 682
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 94 Resp: 82216
Ion Ratio Lower Upper
94 100
65 32.6 11.6 51.6
66 45.9 22.7 62.7

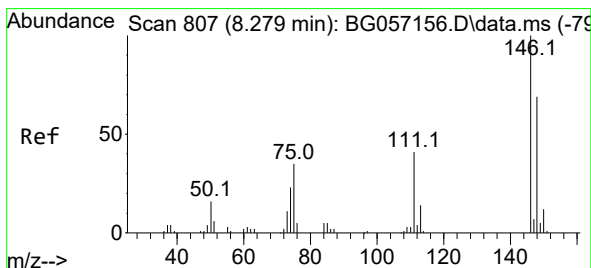
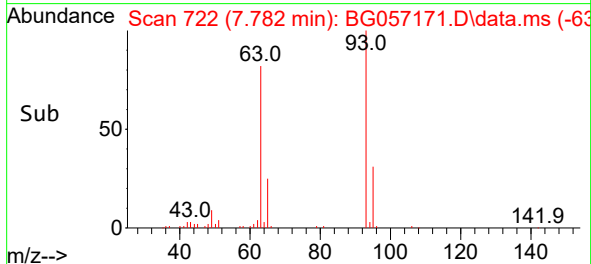
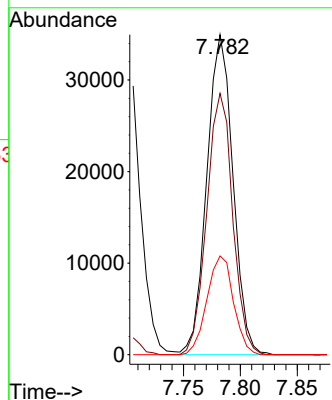
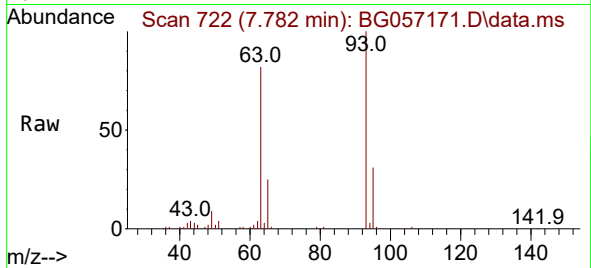




#11
bis(2-Chloroethyl)ether
Concen: 48.975 ng
RT: 7.782 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

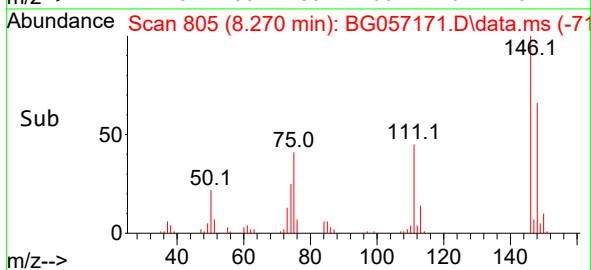
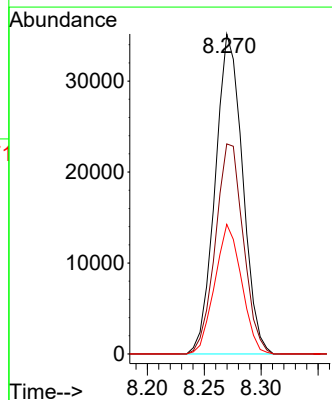
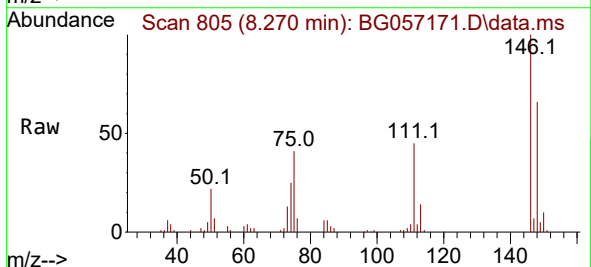
Instrument :
BNA_G
ClientSampleId :
PB152259BS

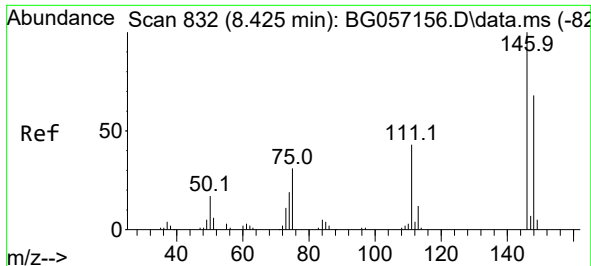
Tgt Ion: 93 Resp: 55918
Ion Ratio Lower Upper
93 100
63 81.6 53.9 93.9
95 30.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 46.785 ng
RT: 8.270 min Scan# 805
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 146 Resp: 58800
Ion Ratio Lower Upper
146 100
148 65.7 55.4 83.2
75 40.5 28.2 42.4

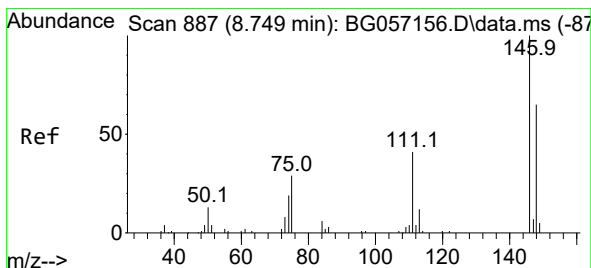
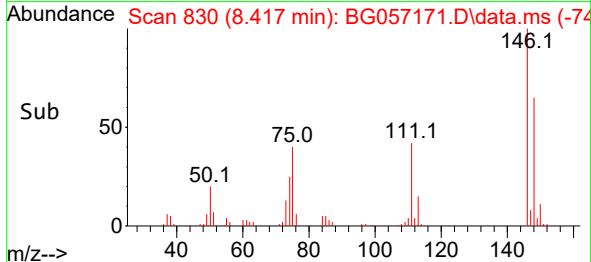
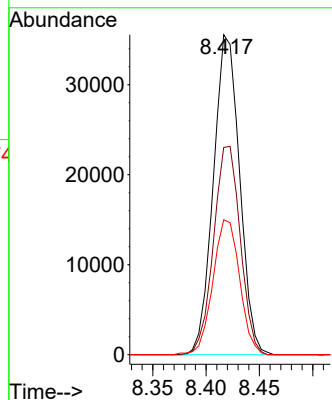
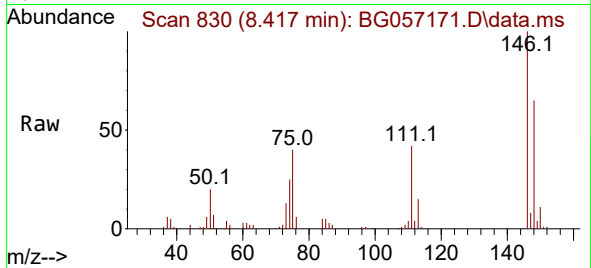




#13
1,4-Dichlorobenzene
Concen: 48.018 ng
RT: 8.417 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

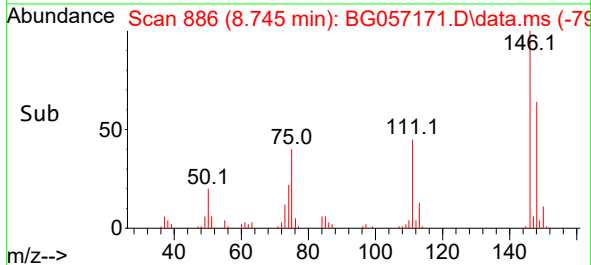
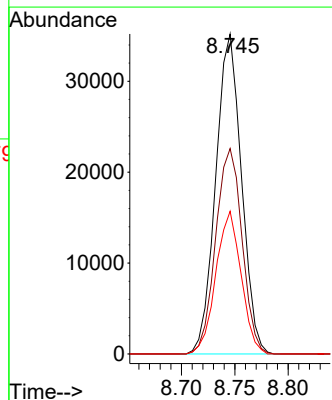
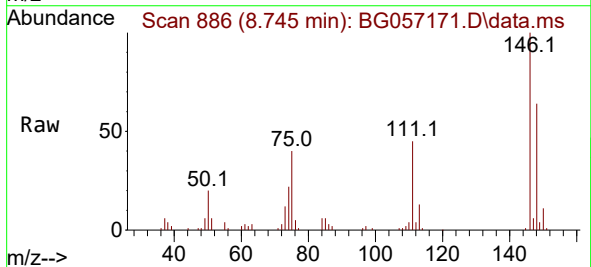
Instrument :
BNA_G
ClientSampleId :
PB152259BS

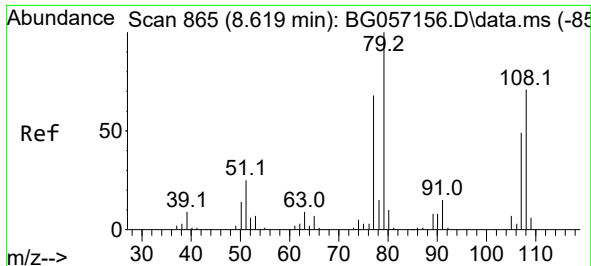
Tgt Ion:146 Resp: 60821
Ion Ratio Lower Upper
146 100
148 64.7 54.3 81.5
111 42.2 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 48.353 ng
RT: 8.745 min Scan# 886
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:146 Resp: 59133
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
111 44.6 33.1 49.7

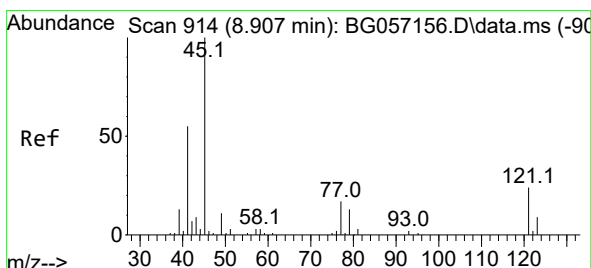
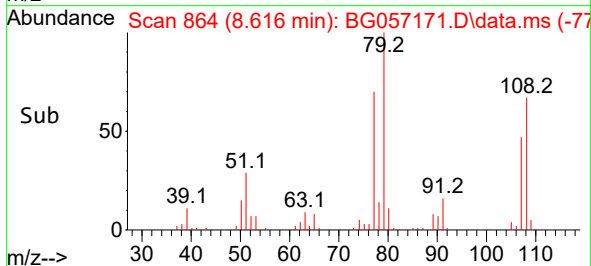
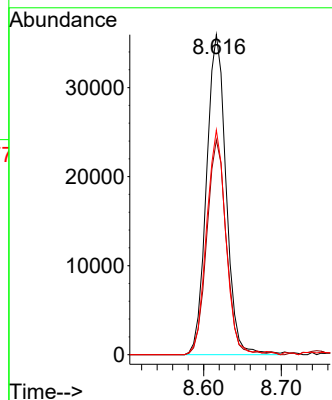
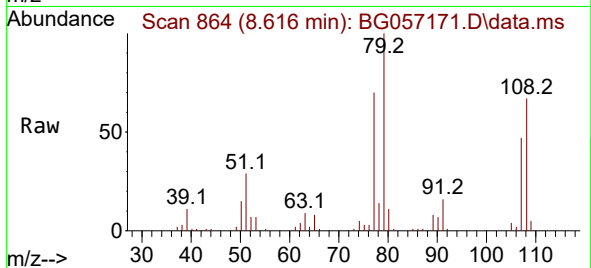




#15
Benzyl Alcohol
Concen: 58.260 ng
RT: 8.616 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

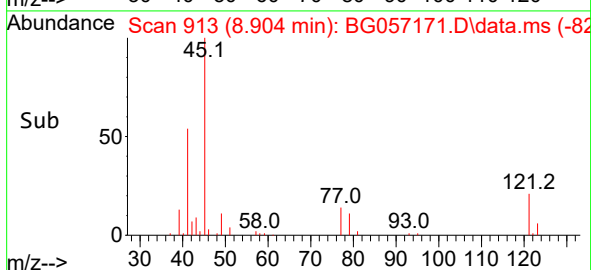
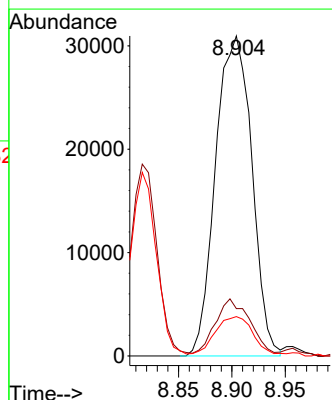
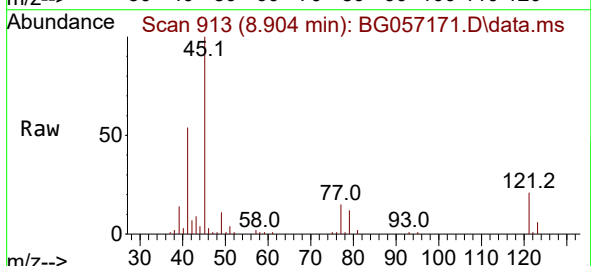
Instrument :
BNA_G
ClientSampleId :
PB152259BS

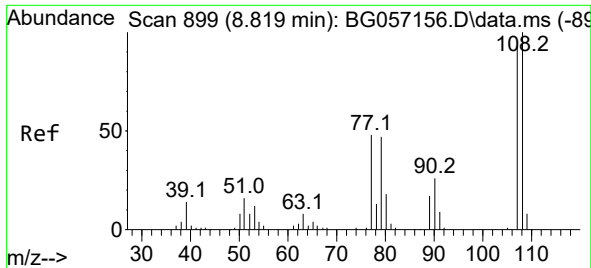
Tgt Ion: 79 Resp: 62905
Ion Ratio Lower Upper
79 100
108 67.1 56.8 85.2
77 70.2 54.2 81.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.600 ng
RT: 8.904 min Scan# 913
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 45 Resp: 73173
Ion Ratio Lower Upper
45 100
77 14.8 0.0 38.7
79 12.3 0.0 34.9

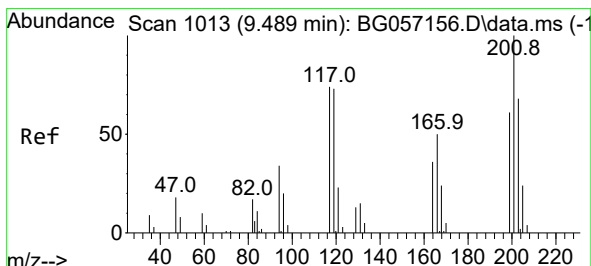
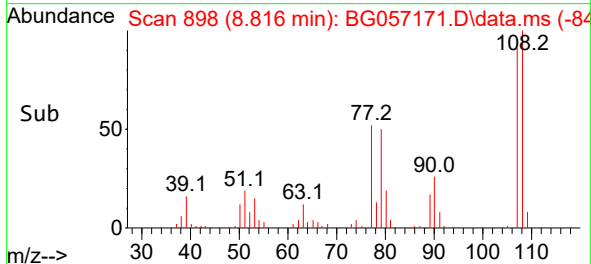
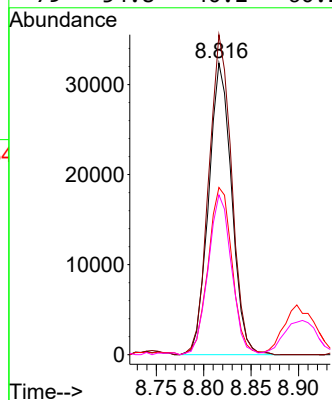
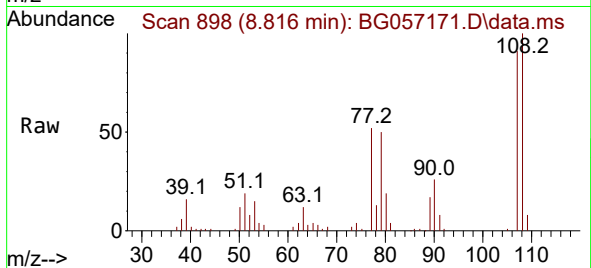




#17
2-Methylphenol
Concen: 51.271 ng
RT: 8.816 min Scan# 89
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

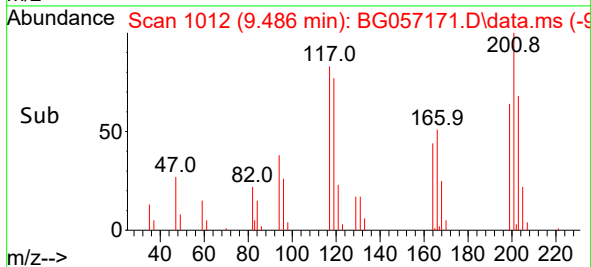
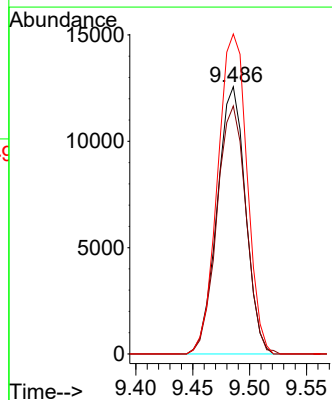
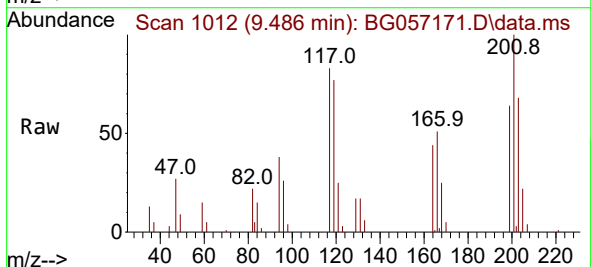
Instrument :
BNA_G
ClientSampleId :
PB152259BS

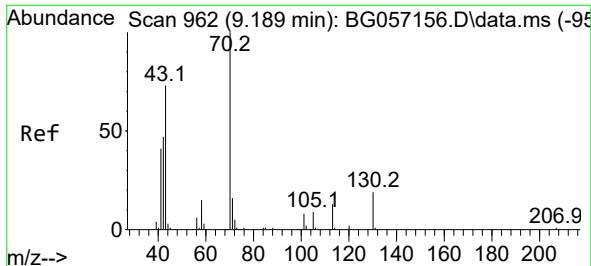
Tgt Ion:	107	Resp:	54589
Ion	Ratio	Lower	Upper
107	100		
108	109.7	86.2	129.4
77	57.3	41.8	62.8
79	54.8	40.2	60.2



#18
Hexachloroethane
Concen: 50.743 ng
RT: 9.486 min Scan# 1012
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:	117	Resp:	21804
Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.3	117.5
201	119.8	107.6	161.4

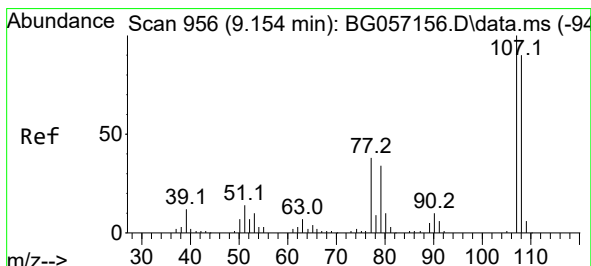
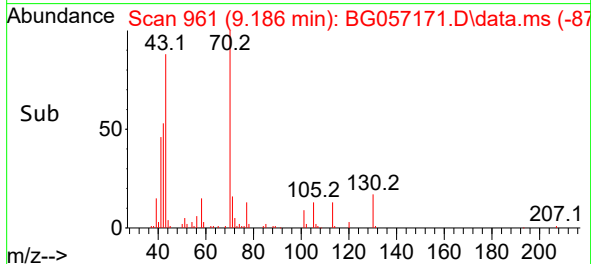
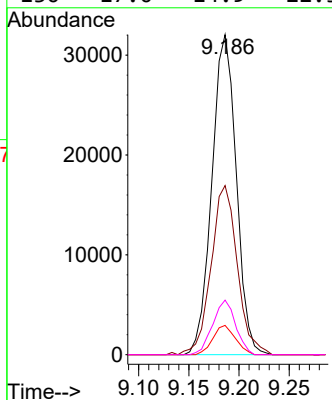
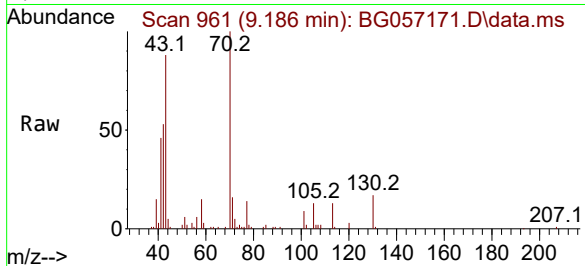




#19
n-Nitroso-di-n-propylamine
Concen: 59.384 ng
RT: 9.186 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

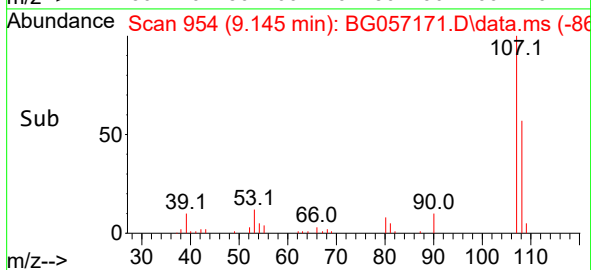
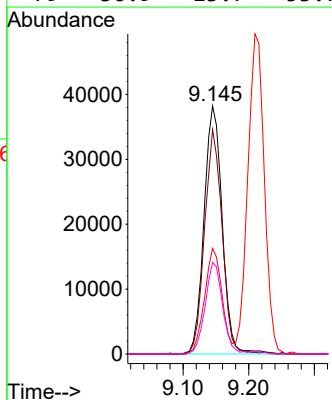
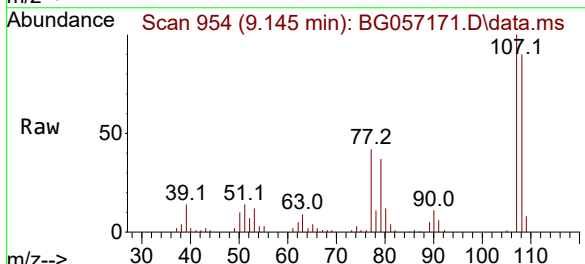
Instrument :
BNA_G
ClientSampleId :
PB152259BS

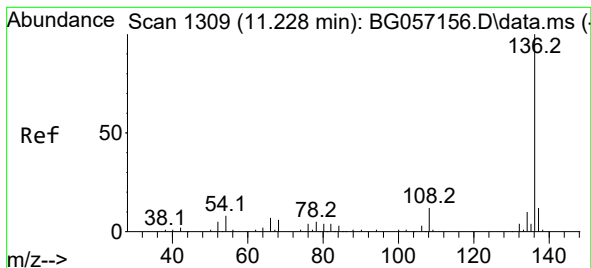
Tgt Ion:	70	Resp:	54124
Ion Ratio	Lower	Upper	
70	100		
42	52.9	38.0	57.0
101	9.2	6.6	9.8
130	17.0	14.9	22.3



#20
3+4-Methylphenols
Concen: 50.634 ng
RT: 9.145 min Scan# 954
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:	107	Resp:	73779
Ion Ratio	Lower	Upper	
107	100		
108	90.4	70.2	110.2
77	42.5	17.8	57.8
79	36.9	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.225 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

Tgt Ion:136 Resp: 77369

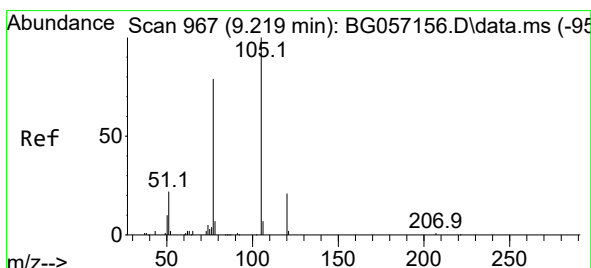
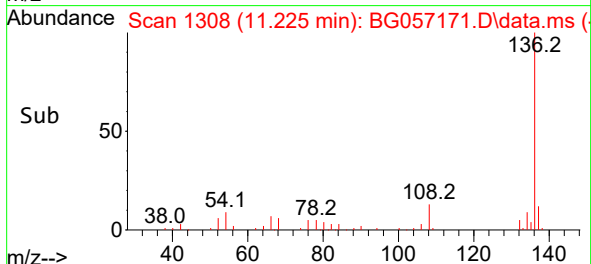
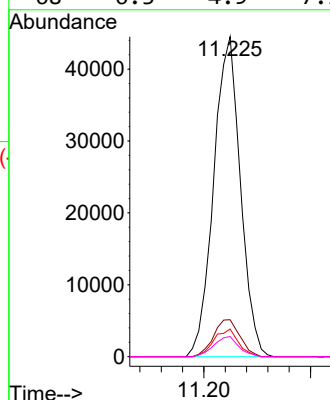
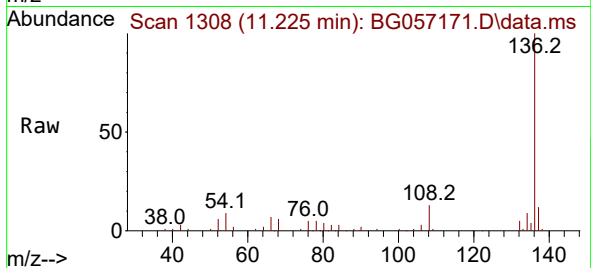
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 8.7 6.4 9.6

68 6.3 4.9 7.3



#22

Acetophenone

Concen: 46.299 ng

RT: 9.210 min Scan# 965

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Tgt Ion:105 Resp: 97173

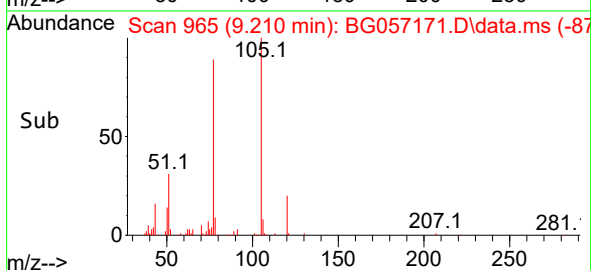
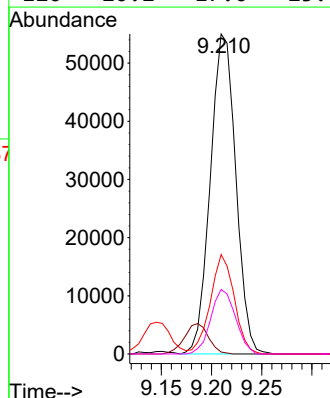
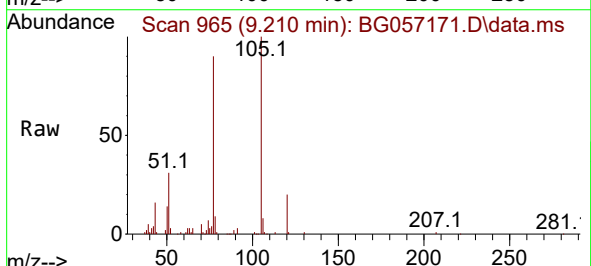
Ion Ratio Lower Upper

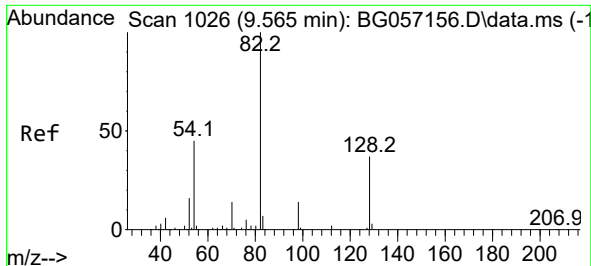
105 100

71 0.6 0.2 0.4#

51 31.1 19.4 29.0#

120 20.2 17.0 25.6

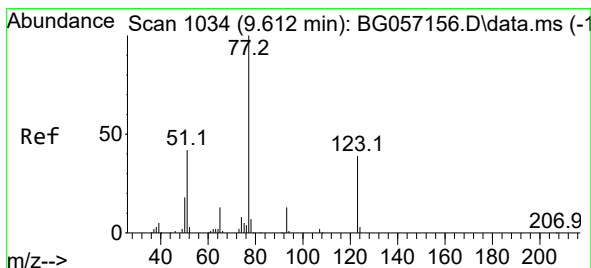
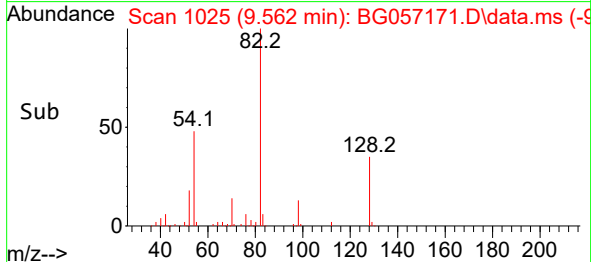
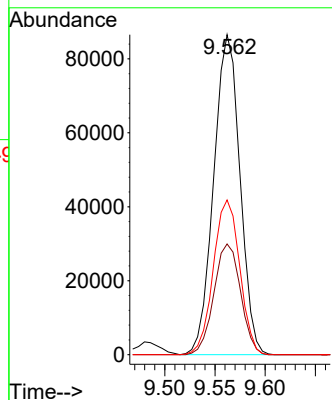
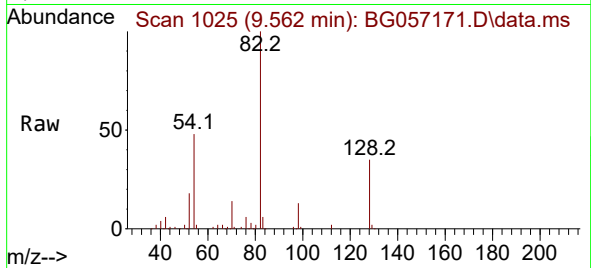




#23
Nitrobenzene-d5
Concen: 100.442 ng
RT: 9.562 min Scan# 1025
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

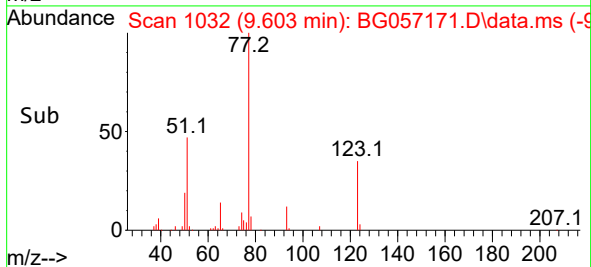
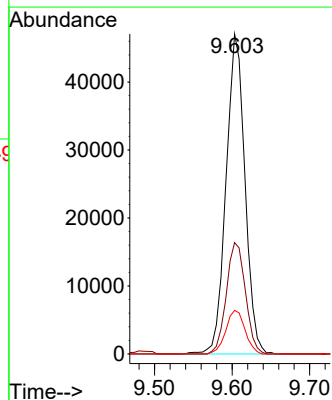
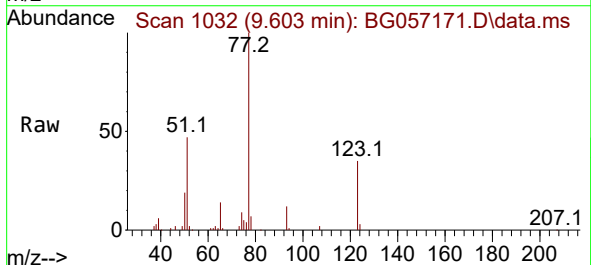
Instrument :
BNA_G
ClientSampleId :
PB152259BS

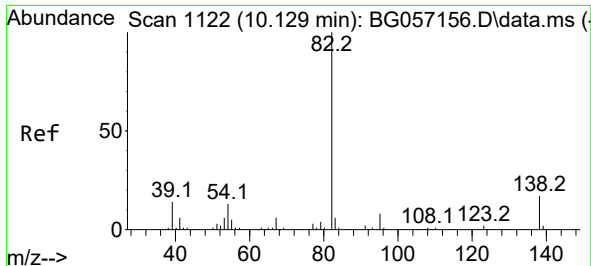
Tgt Ion: 82 Resp: 157194
Ion Ratio Lower Upper
82 100
128 34.6 29.4 44.2
54 48.4 36.2 54.2



#24
Nitrobenzene
Concen: 50.780 ng
RT: 9.603 min Scan# 1032
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 77 Resp: 79791
Ion Ratio Lower Upper
77 100
123 34.8 31.3 46.9
65 13.6 10.5 15.7

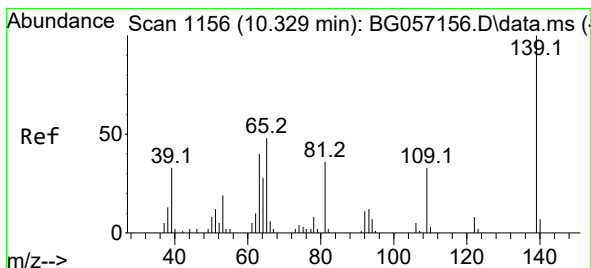
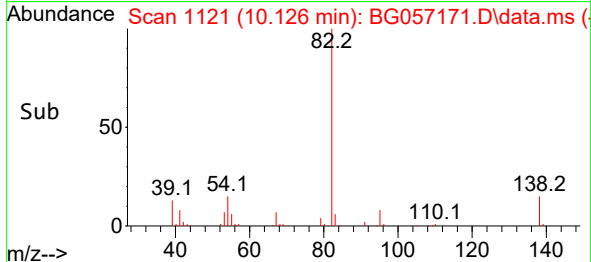
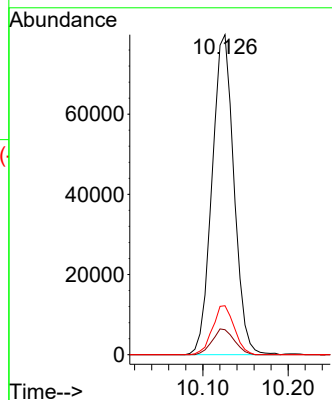
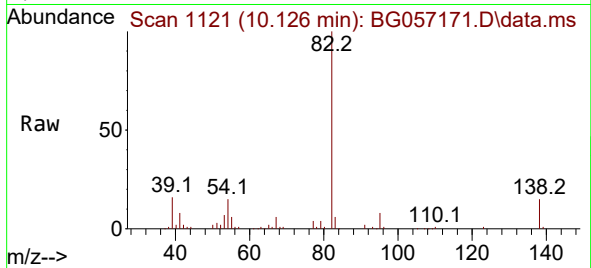




#25
Isophorone
Concen: 47.428 ng
RT: 10.126 min Scan# 1122
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

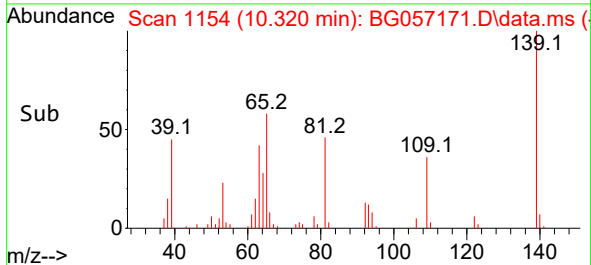
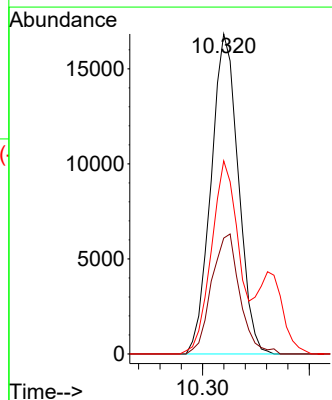
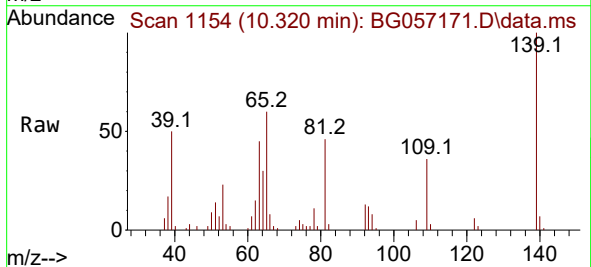
Instrument :
BNA_G
ClientSampleId :
PB152259BS

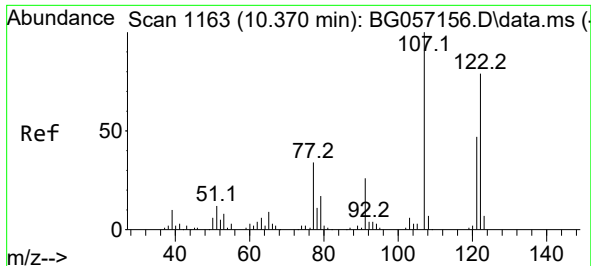
Tgt Ion: 82 Resp: 142372
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 15.3 13.4 20.0



#26
2-Nitrophenol
Concen: 50.966 ng
RT: 10.320 min Scan# 1154
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:139 Resp: 29919
Ion Ratio Lower Upper
139 100
109 36.2 26.6 39.8
65 60.3 38.6 58.0#





#27

2,4-Dimethylphenol

Concen: 51.387 ng

RT: 10.361 min Scan# 1161

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

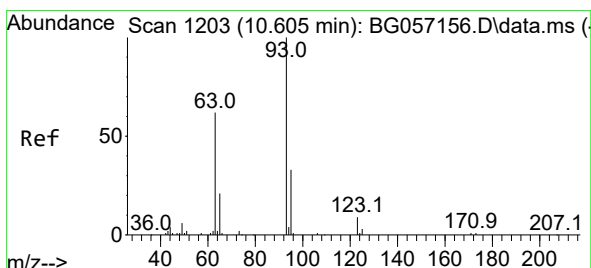
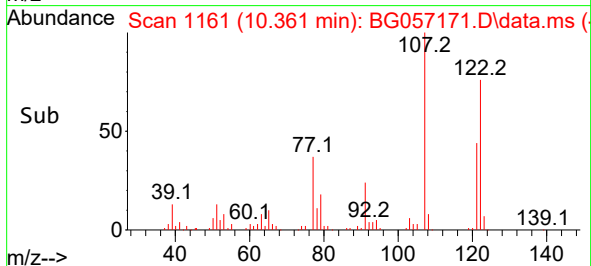
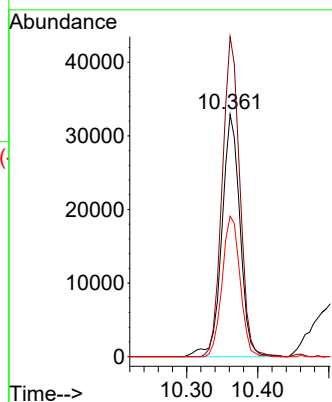
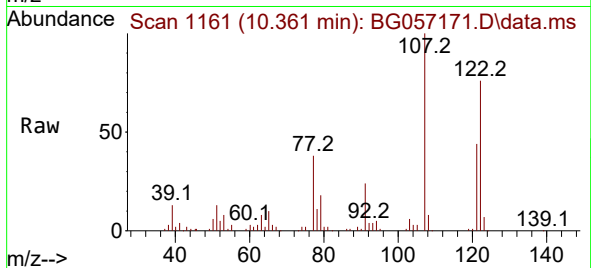
Tgt Ion:122 Resp: 57978

Ion Ratio Lower Upper

122 100

107 132.1 101.5 152.3

121 58.0 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.545 ng

RT: 10.596 min Scan# 1201

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

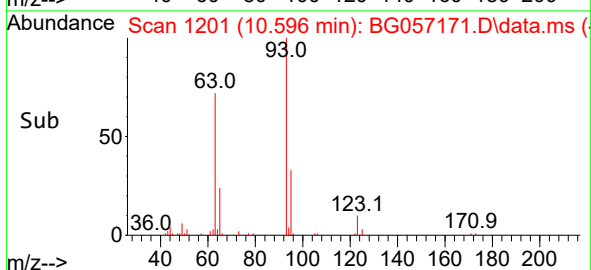
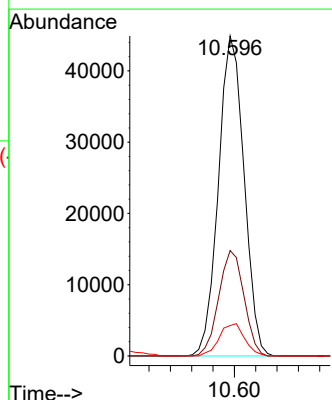
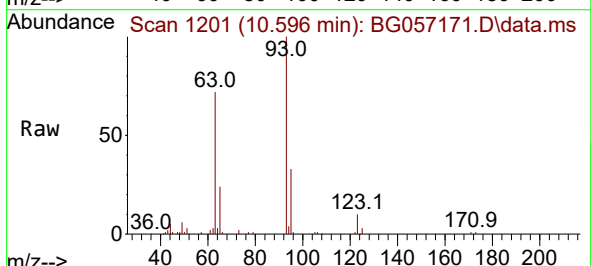
Tgt Ion: 93 Resp: 74817

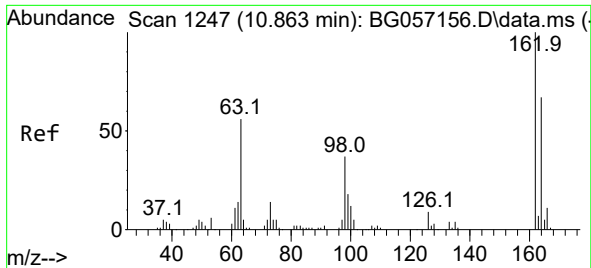
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 9.5 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 49.149 ng

RT: 10.860 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

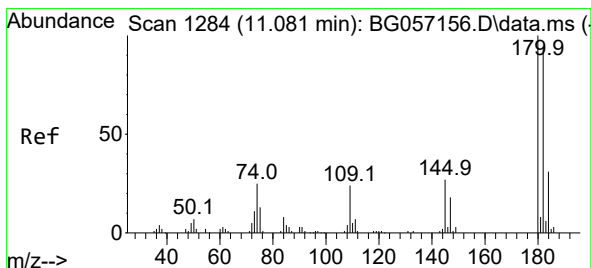
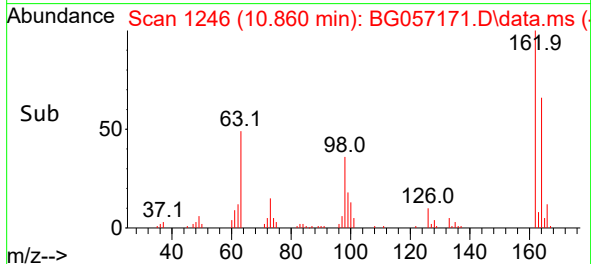
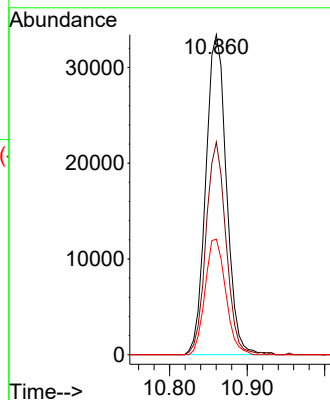
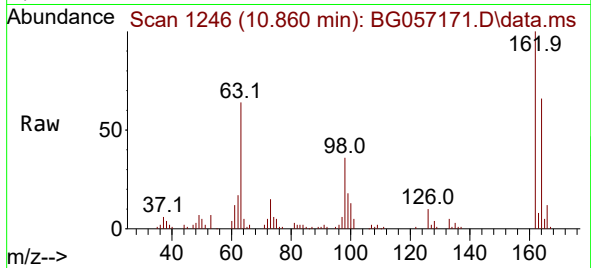
Tgt Ion:162 Resp: 61774

Ion Ratio Lower Upper

162 100

164 66.4 47.2 87.2

98 36.1 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 43.524 ng

RT: 11.078 min Scan# 1283

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

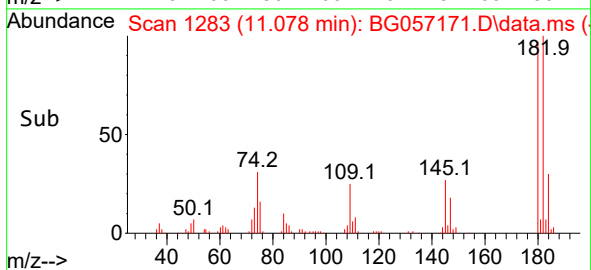
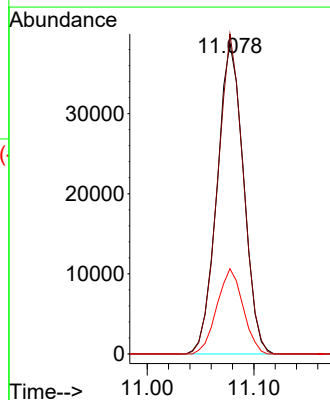
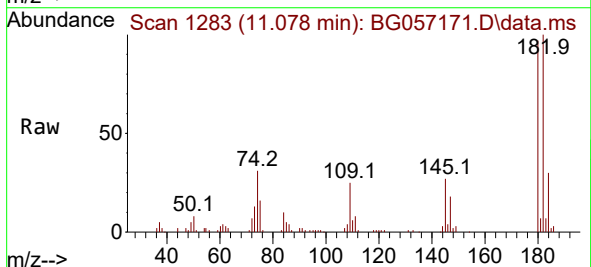
Tgt Ion:180 Resp: 66894

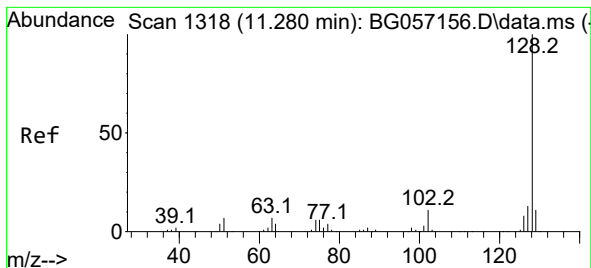
Ion Ratio Lower Upper

180 100

182 103.0 75.0 112.6

145 27.4 21.4 32.2

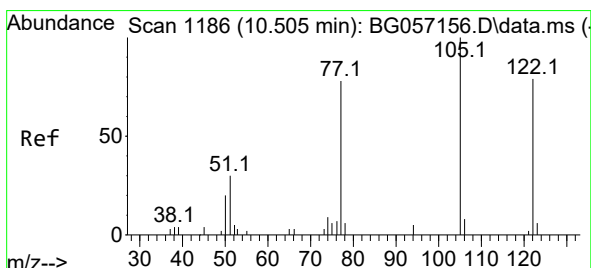
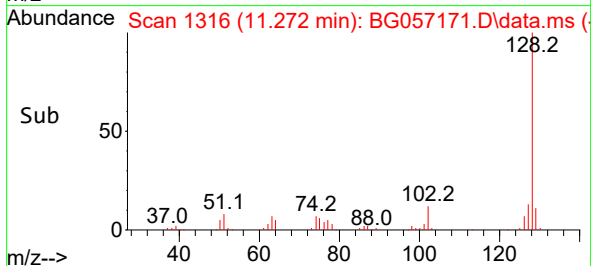
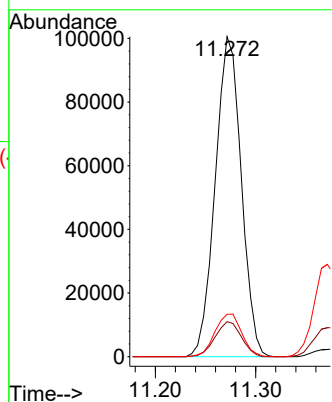
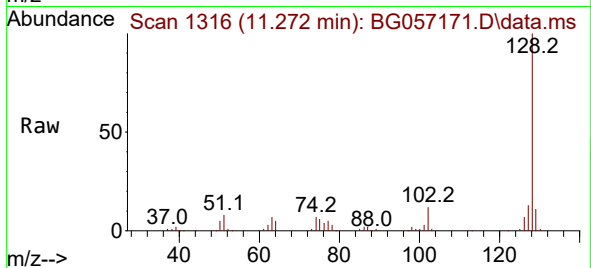




#31
Naphthalene
Concen: 44.016 ng
RT: 11.272 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

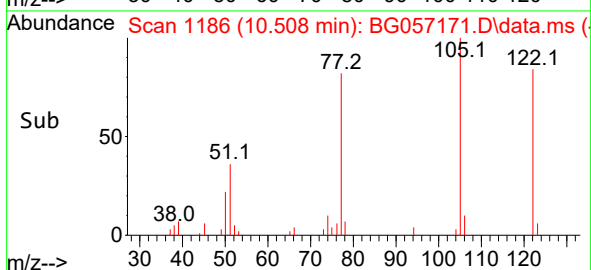
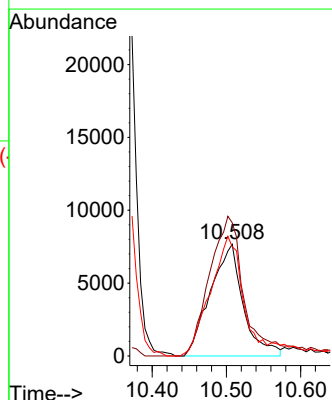
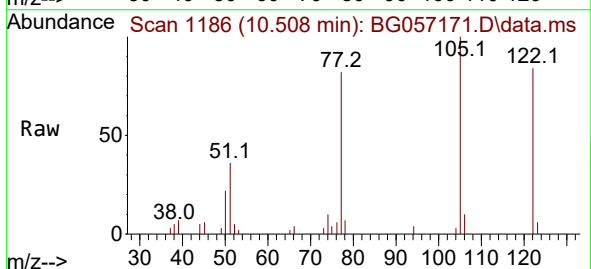
Instrument :
BNA_G
ClientSampleId :
PB152259BS

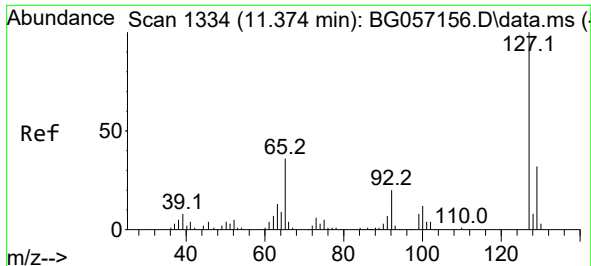
Tgt Ion:128 Resp: 180879
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 45.010 ng
RT: 10.508 min Scan# 1186
Delta R.T. 0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:122 Resp: 23592
Ion Ratio Lower Upper
122 100
105 119.4 104.3 144.3
77 97.8 79.5 119.5

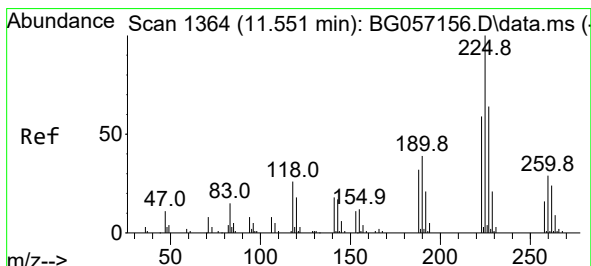
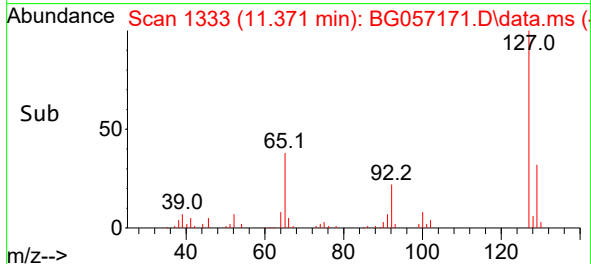
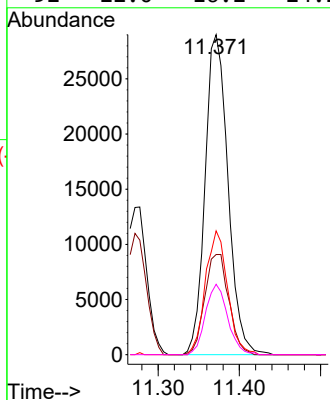
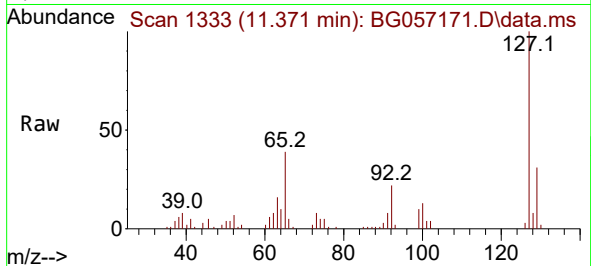




#33
4-Chloroaniline
Concen: 31.423 ng
RT: 11.371 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

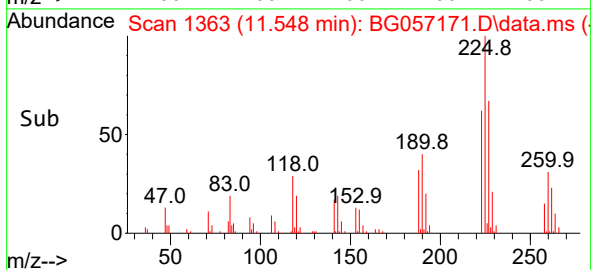
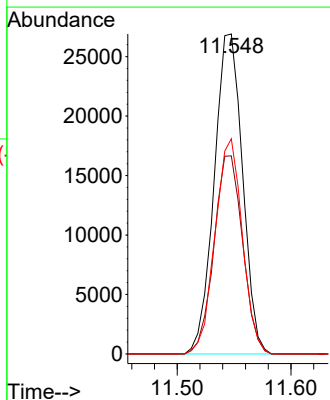
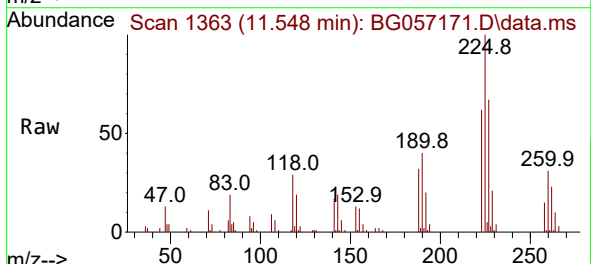
Instrument :
BNA_G
ClientSampleId :
PB152259BS

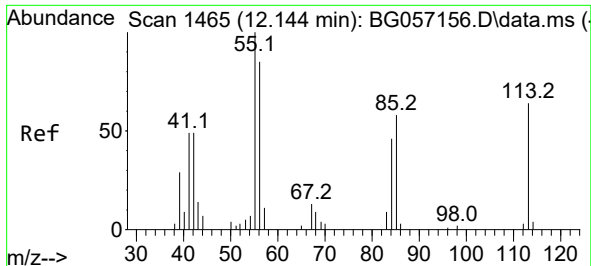
Tgt Ion:	127	Resp:	56774
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	38.7	28.6	42.8
92	22.0	16.2	24.2



#34
Hexachlorobutadiene
Concen: 41.158 ng
RT: 11.548 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:	225	Resp:	46644
Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.4	71.0
227	67.2	51.1	76.7

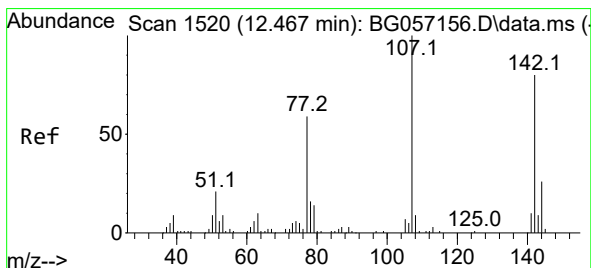
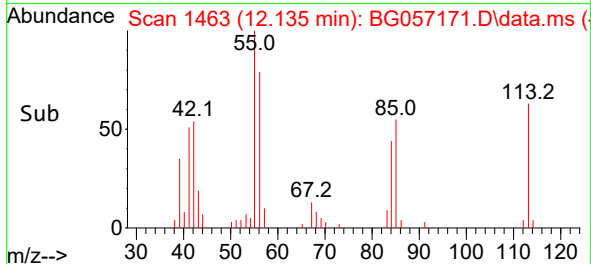
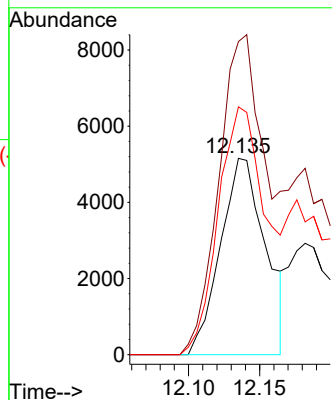
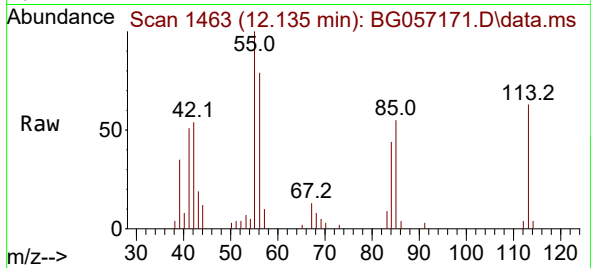




#35
 Caprolactam
 Concen: 32.486 ng
 RT: 12.135 min Scan# 14
 Delta R.T. -0.009 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

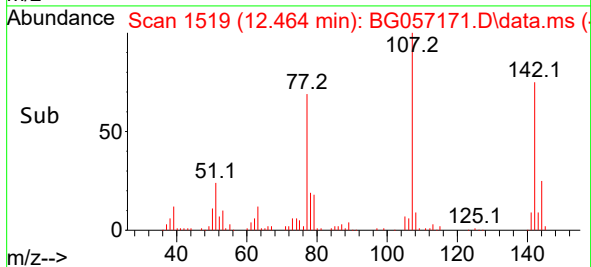
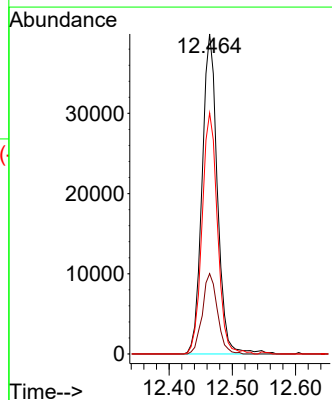
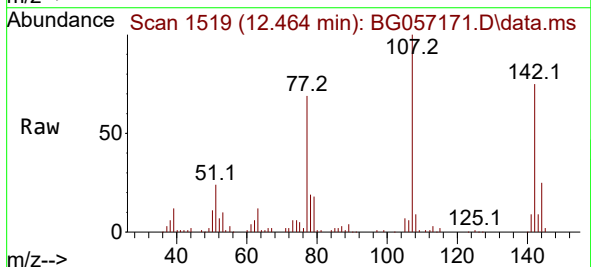
Instrument :
 BNA_G
 ClientSampleId :
 PB152259BS

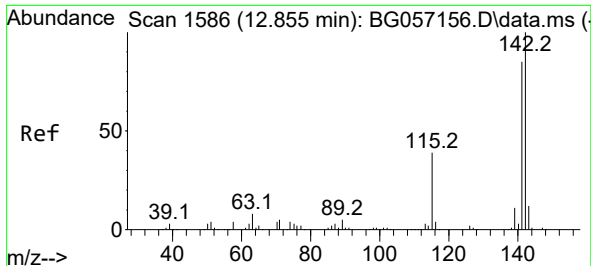
Tgt Ion:113 Resp: 11306
 Ion Ratio Lower Upper
 113 100
 55 159.4 135.8 175.8
 56 126.2 111.8 151.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.715 ng
 RT: 12.464 min Scan# 1519
 Delta R.T. -0.003 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

Tgt Ion:107 Resp: 67220
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.0 31.6
 142 75.3 63.8 95.8

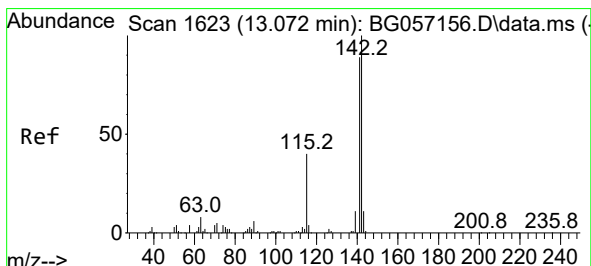
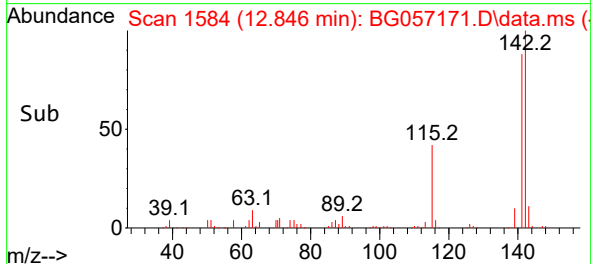
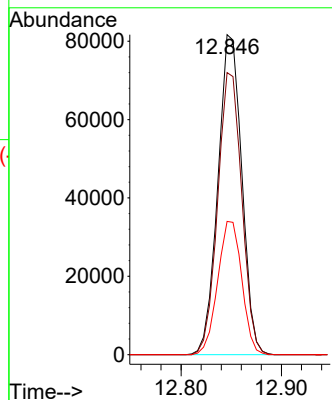
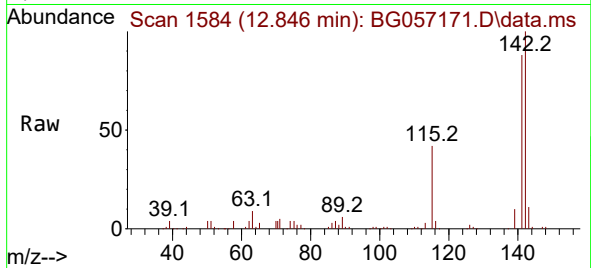




#37
2-Methylnaphthalene
Concen: 41.706 ng
RT: 12.846 min Scan# 1584
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

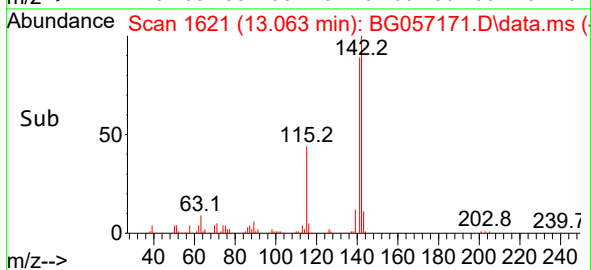
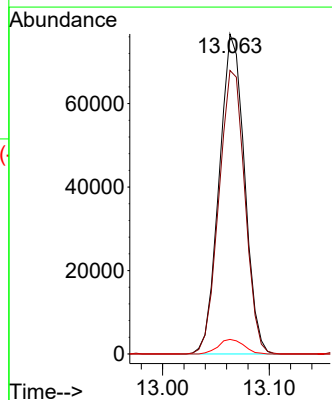
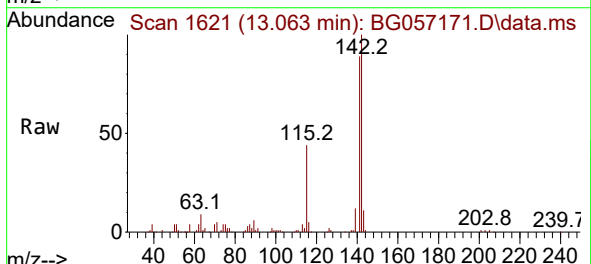
Instrument :
BNA_G
ClientSampleId :
PB152259BS

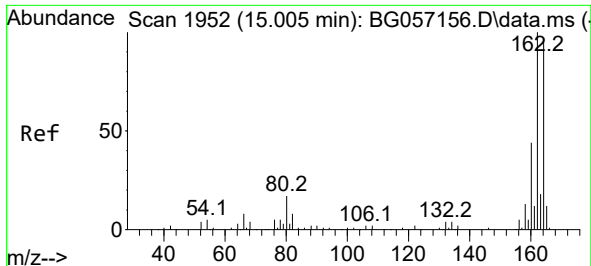
Tgt Ion:142 Resp: 134871
Ion Ratio Lower Upper
142 100
141 88.1 68.1 102.1
115 41.7 31.0 46.4



#38
1-Methylnaphthalene
Concen: 42.281 ng
RT: 13.063 min Scan# 1621
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:142 Resp: 126234
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4
116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.996 min Scan# 1950

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

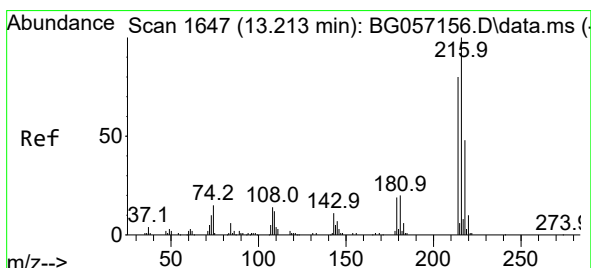
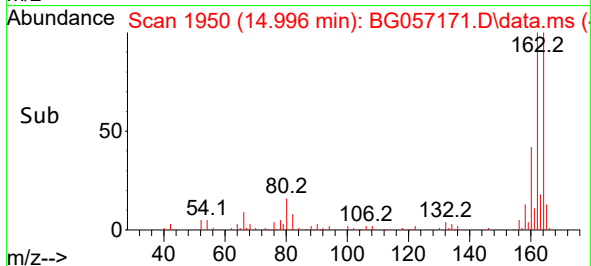
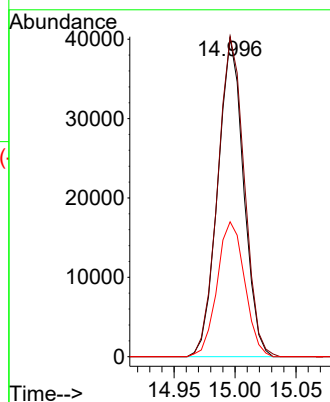
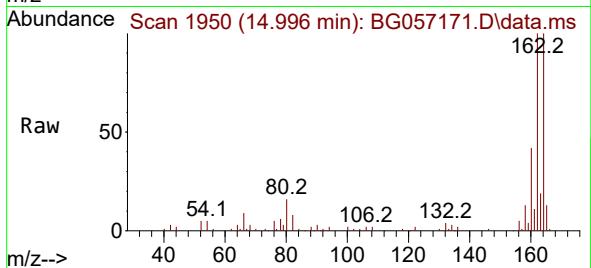
Tgt Ion:164 Resp: 58941

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

160 42.3 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.555 ng

RT: 13.210 min Scan# 1646

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Tgt Ion:216 Resp: 91778

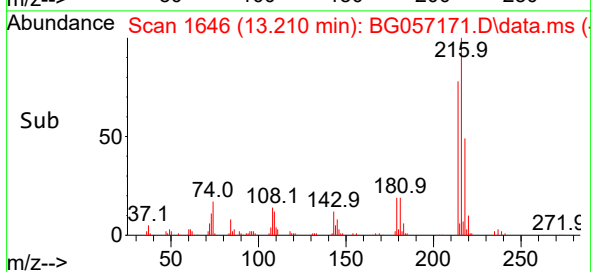
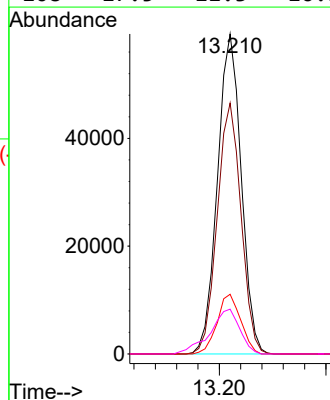
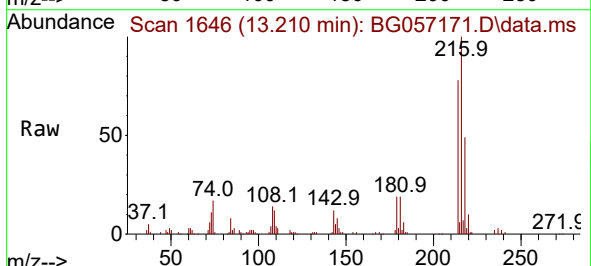
Ion Ratio Lower Upper

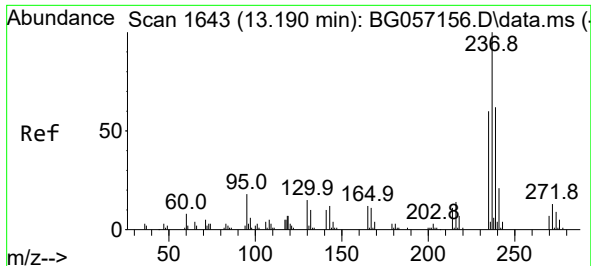
216 100

214 78.4 62.3 93.5

179 18.5 14.8 22.2

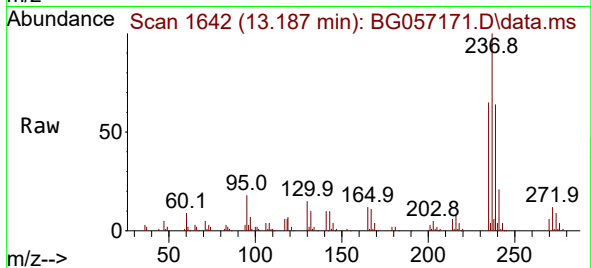
108 17.5 11.3 16.9#



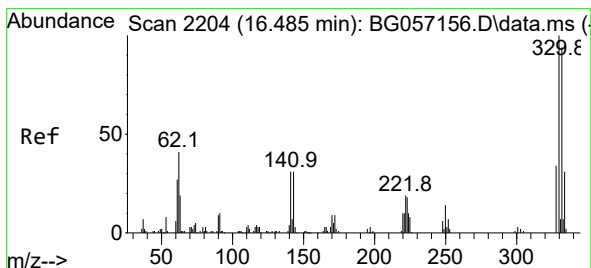
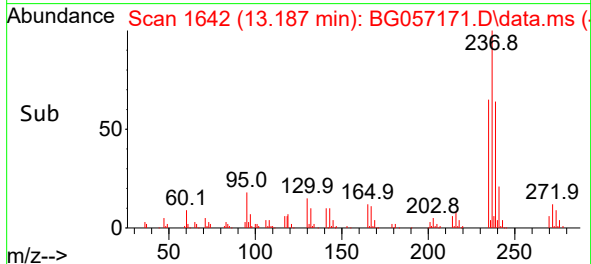
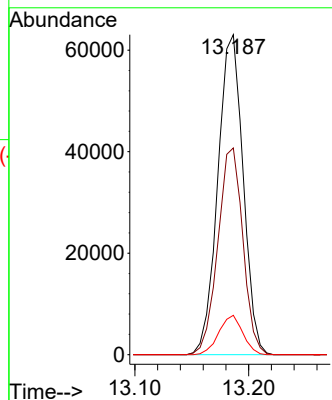


#41
Hexachlorocyclopentadiene
Concen: 104.141 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

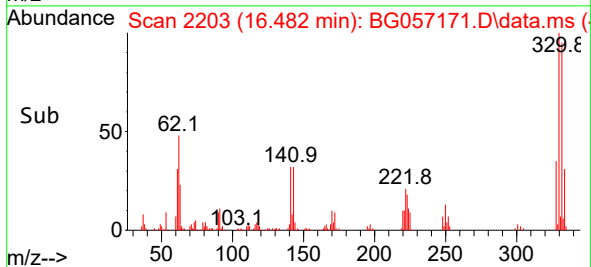
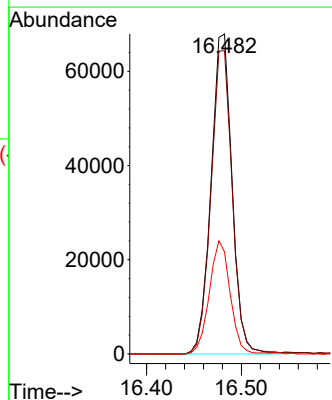
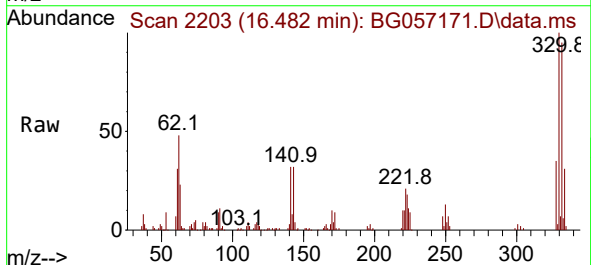


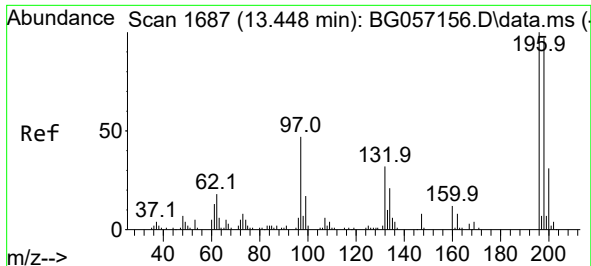
Tgt Ion:237 Resp: 97457
Ion Ratio Lower Upper
237 100
235 64.6 39.7 79.7
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 134.292 ng
RT: 16.482 min Scan# 2203
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:330 Resp: 104436
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 35.2 26.0 39.0

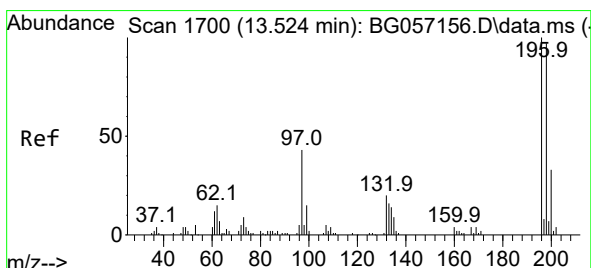
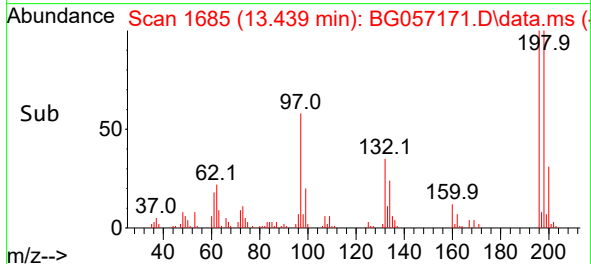
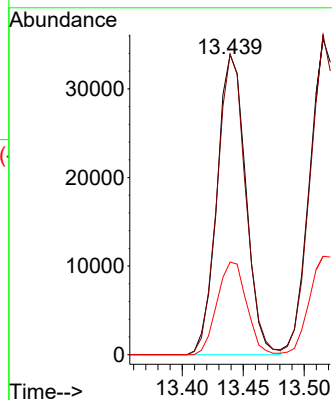
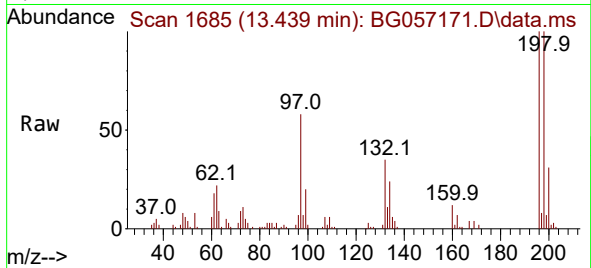




#43
2,4,6-Trichlorophenol
Concen: 47.668 ng
RT: 13.439 min Scan# 1685
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

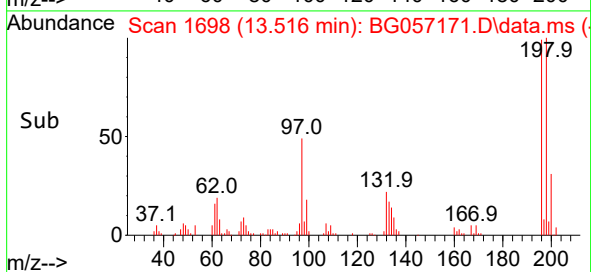
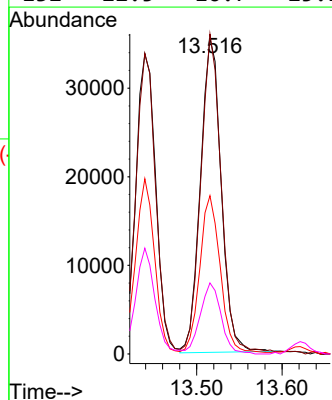
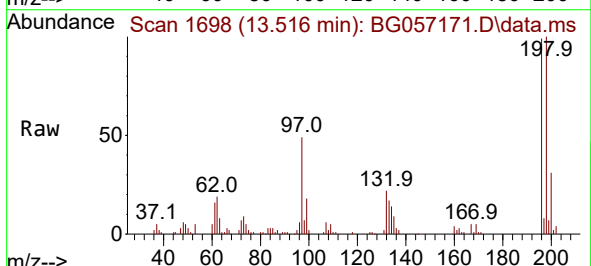
Instrument :
BNA_G
ClientSampleId :
PB152259BS

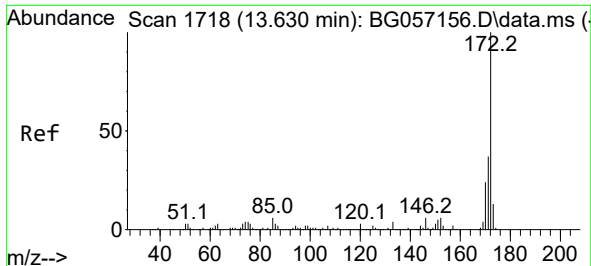
Tgt Ion:196 Resp: 55657
Ion Ratio Lower Upper
196 100
198 100.1 77.5 116.3
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 42.517 ng
RT: 13.516 min Scan# 1698
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:196 Resp: 59932
Ion Ratio Lower Upper
196 100
198 101.4 78.4 117.6
97 50.1 34.6 51.8
132 22.5 16.7 25.1





#45

2-Fluorobiphenyl

Concen: 85.178 ng

RT: 13.621 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

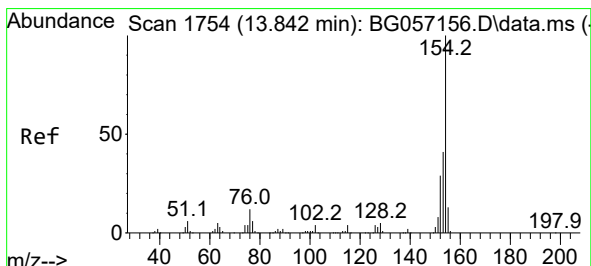
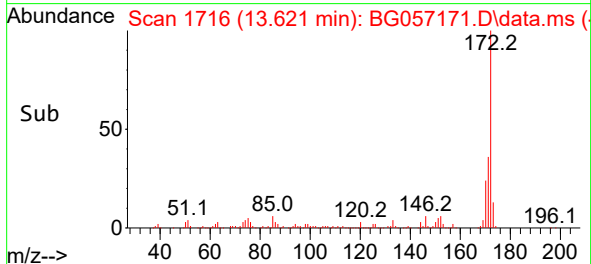
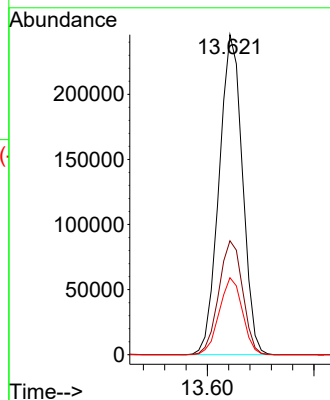
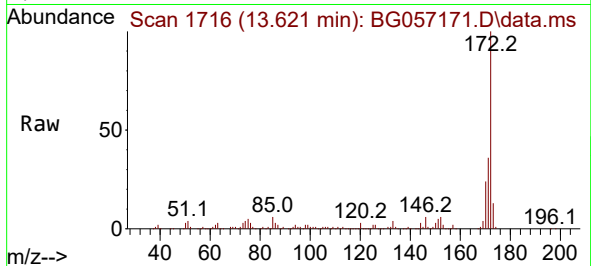
Tgt Ion:172 Resp: 373569

Ion Ratio Lower Upper

172 100

171 35.6 29.2 43.8

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 44.108 ng

RT: 13.833 min Scan# 1752

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

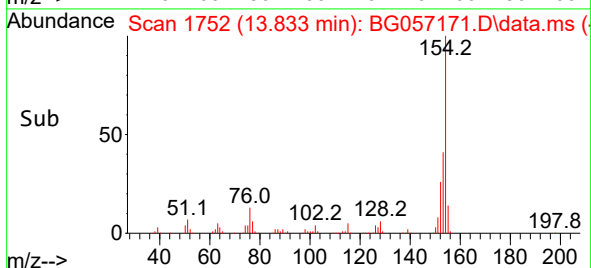
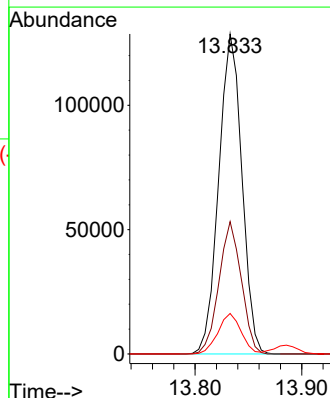
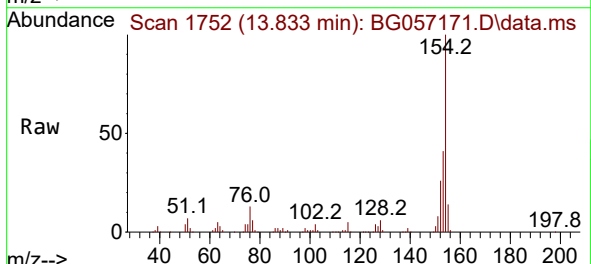
Tgt Ion:154 Resp: 193784

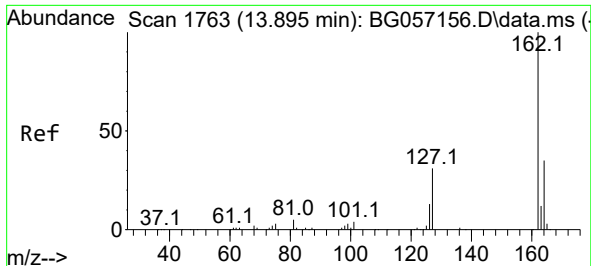
Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

76 12.7 0.0 32.3

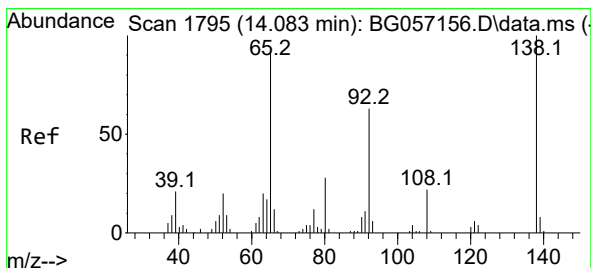
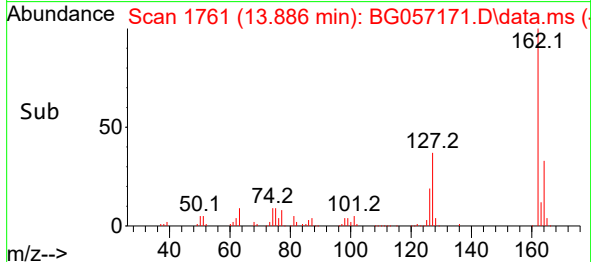
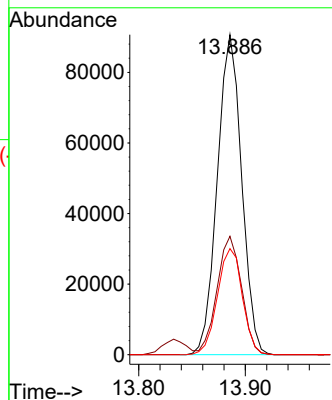
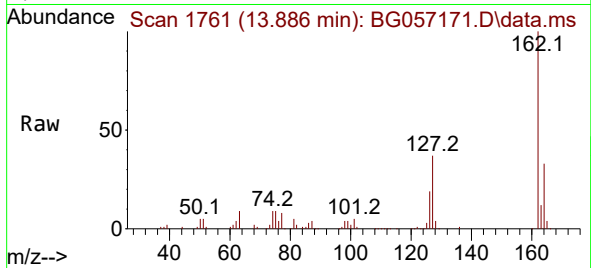




#47
2-Chloronaphthalene
Concen: 43.360 ng
RT: 13.886 min Scan# 1761
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

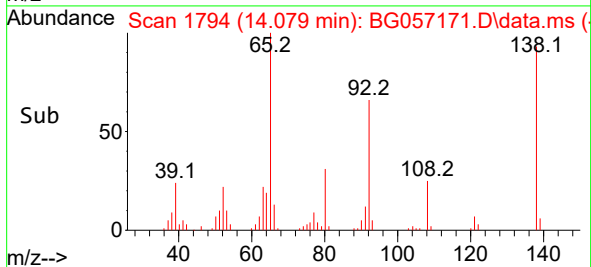
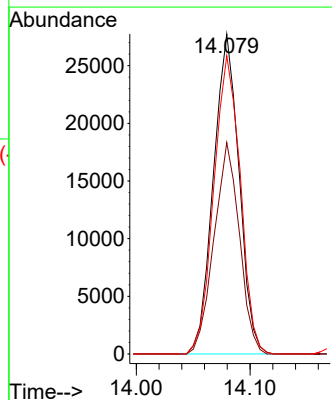
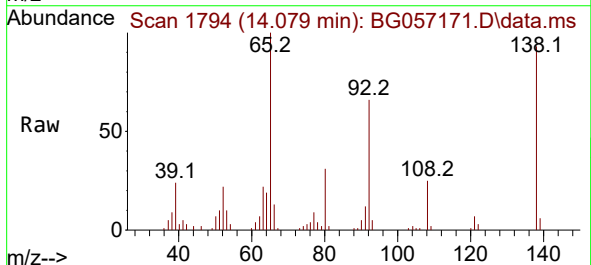
Instrument :
BNA_G
ClientSampleId :
PB152259BS

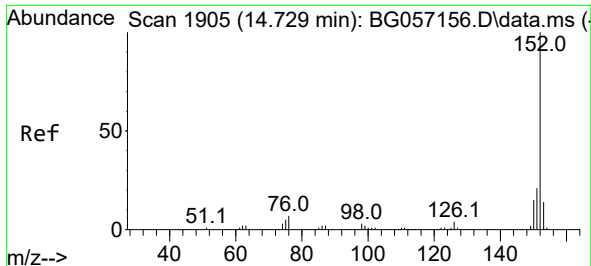
Tgt Ion:162 Resp: 143775
Ion Ratio Lower Upper
162 100
127 37.0 28.7 43.1
164 33.2 27.8 41.6



#48
2-Nitroaniline
Concen: 51.968 ng
RT: 14.079 min Scan# 1794
Delta R.T. -0.004 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 65 Resp: 43410
Ion Ratio Lower Upper
65 100
92 66.1 54.9 82.3
138 93.2 86.6 129.8

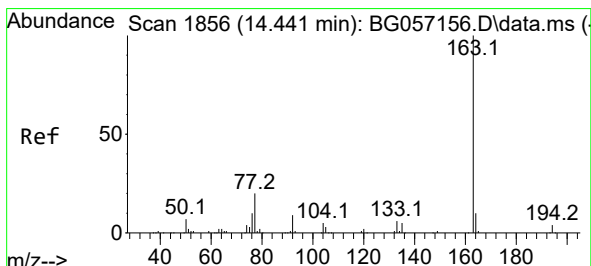
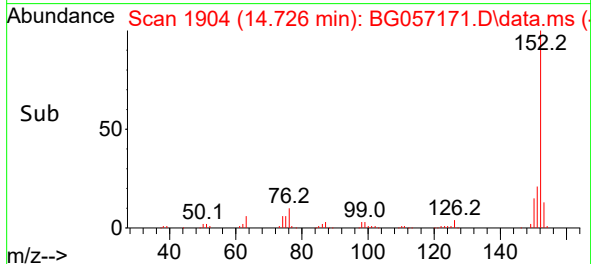
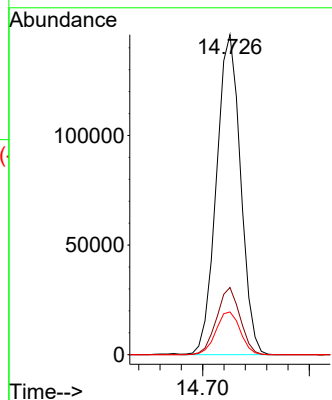
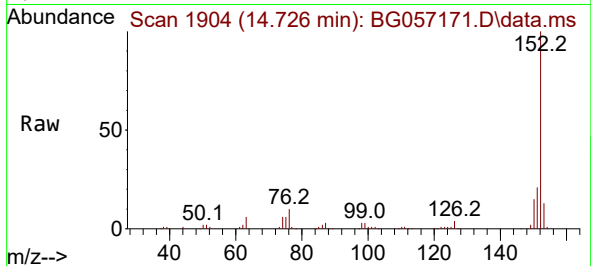




#49
Acenaphthylene
Concen: 43.589 ng
RT: 14.726 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

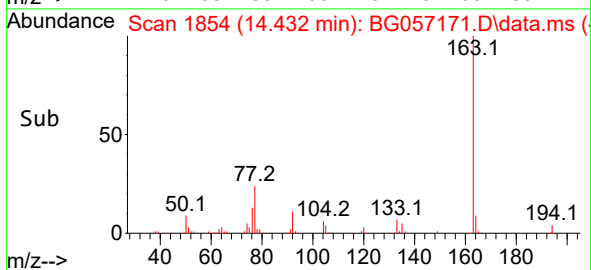
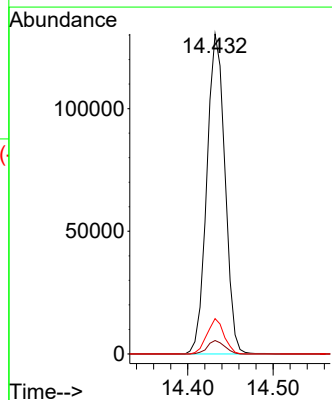
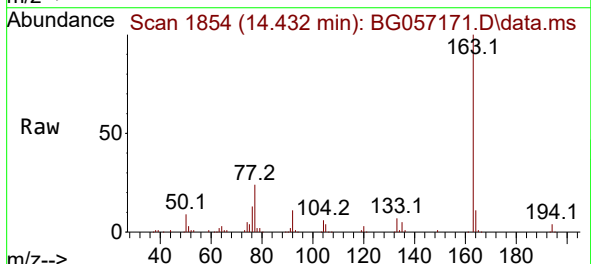
Instrument :
BNA_G
ClientSampleId :
PB152259BS

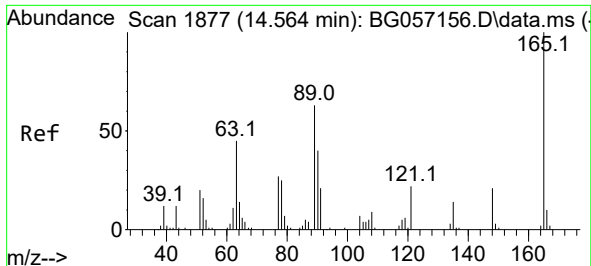
Tgt Ion:152 Resp: 229446
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.3 11.0 16.6



#50
Dimethylphthalate
Concen: 46.546 ng
RT: 14.432 min Scan# 1854
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:163 Resp: 192544
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 11.1 8.2 12.4

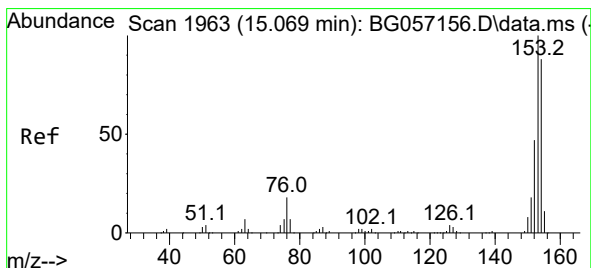
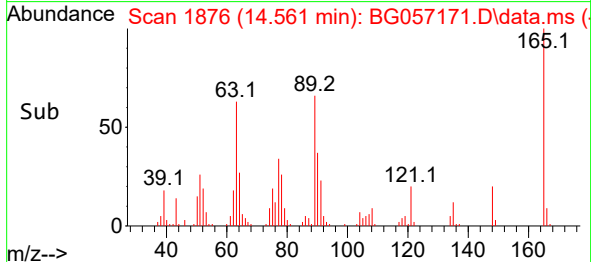
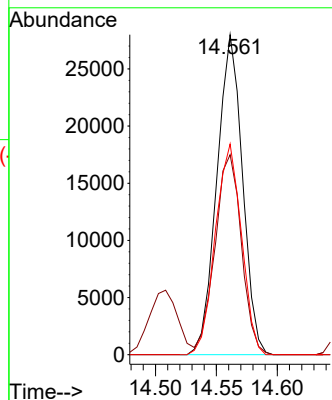
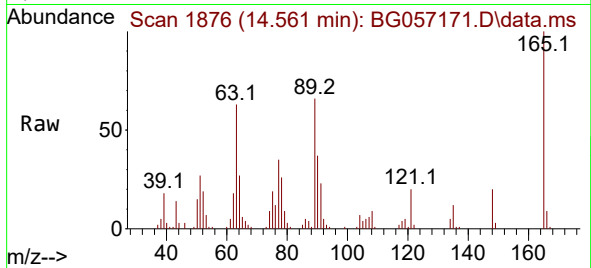




#51
2,6-Dinitrotoluene
Concen: 47.427 ng
RT: 14.561 min Scan# 1876
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

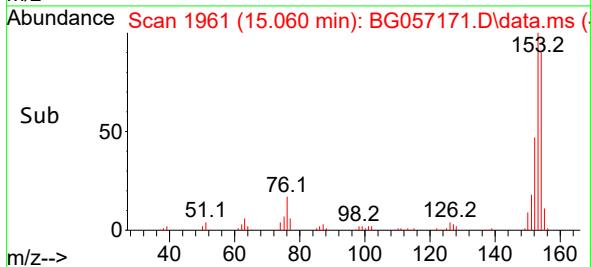
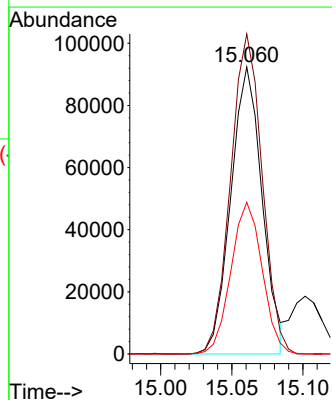
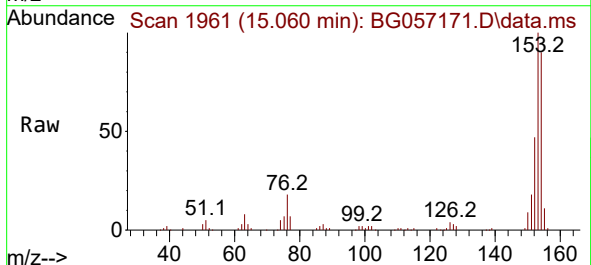
Instrument :
BNA_G
ClientSampleId :
PB152259BS

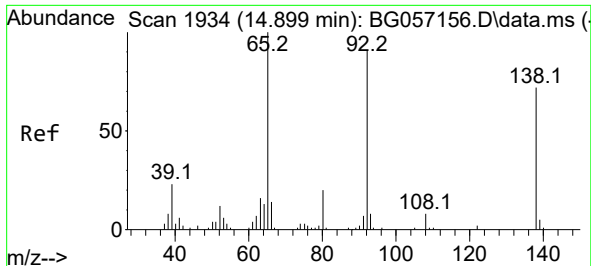
Tgt Ion:165 Resp: 40951
Ion Ratio Lower Upper
165 100
63 62.5 45.5 68.3
89 65.8 50.1 75.1



#52
Acenaphthene
Concen: 41.101 ng
RT: 15.060 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:154 Resp: 141351
Ion Ratio Lower Upper
154 100
153 111.5 91.0 136.4
152 52.8 43.0 64.6

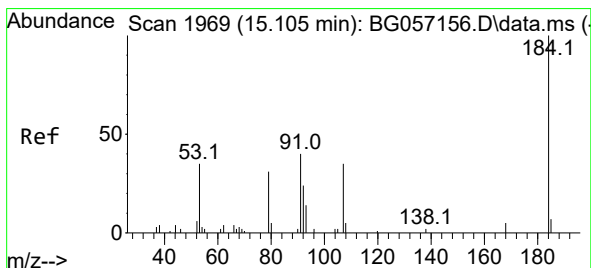
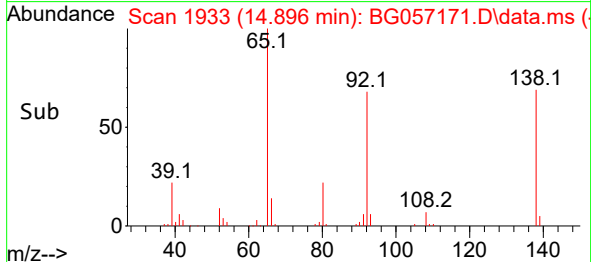
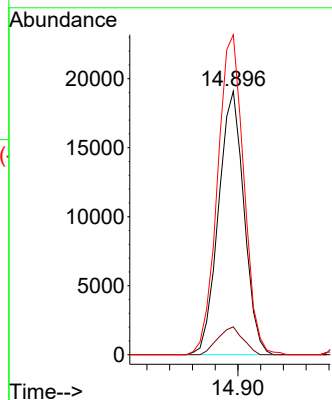
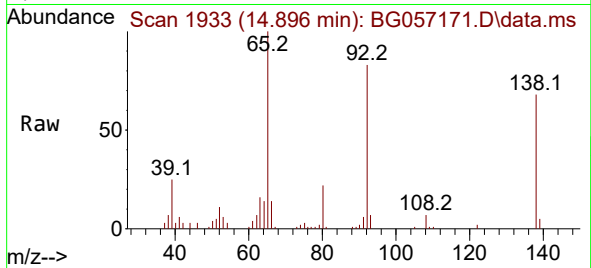




#53
3-Nitroaniline
Concen: 34.667 ng
RT: 14.896 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

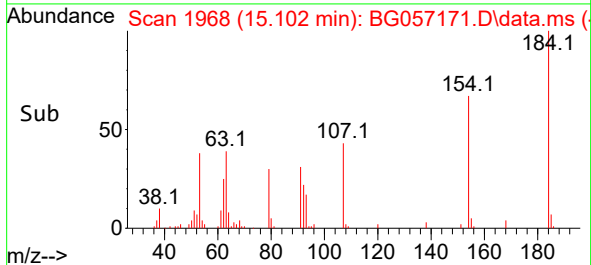
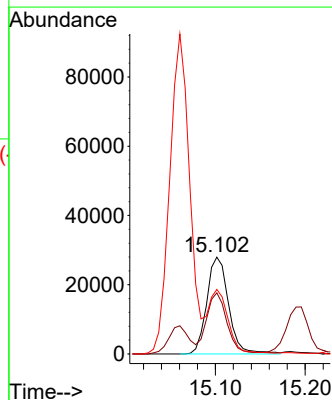
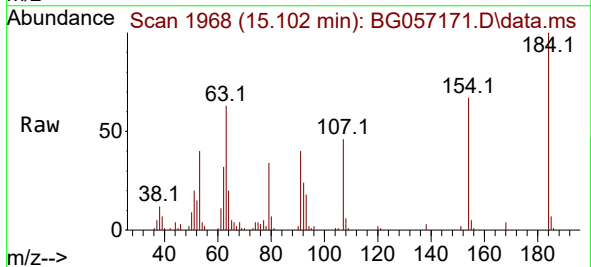
Instrument :
BNA_G
ClientSampleId :
PB152259BS

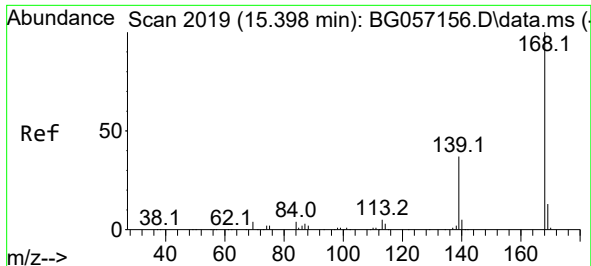
Tgt Ion:138 Resp: 29724
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 121.4 101.4 152.2



#54
2,4-Dinitrophenol
Concen: 94.905 ng
RT: 15.102 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:184 Resp: 47090
Ion Ratio Lower Upper
184 100
63 63.2 43.4 65.0
154 66.5 45.2 67.8

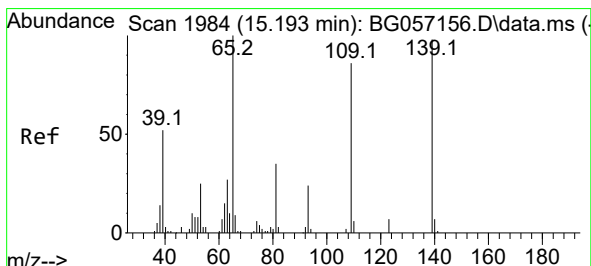
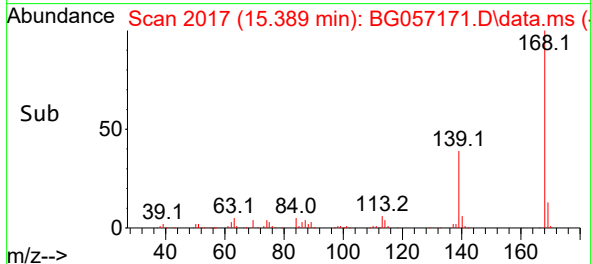
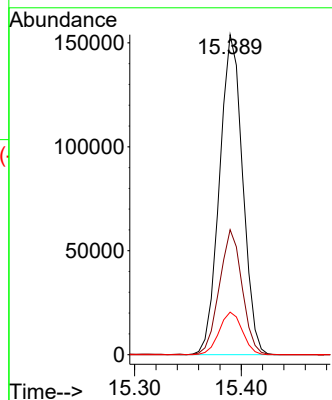
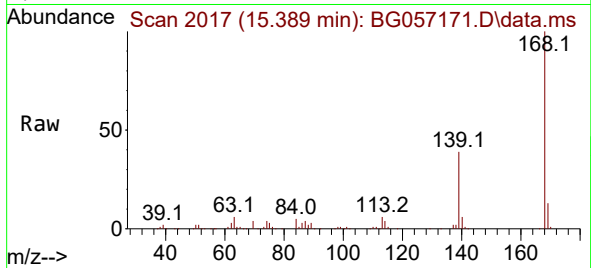




#55
Dibenzofuran
Concen: 41.632 ng
RT: 15.389 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

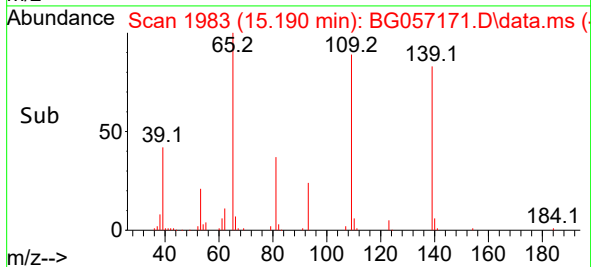
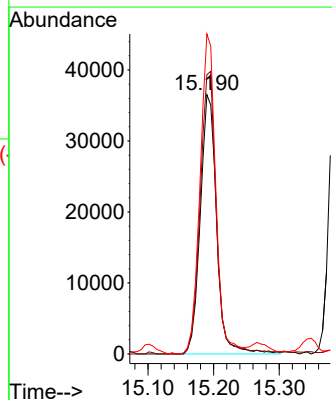
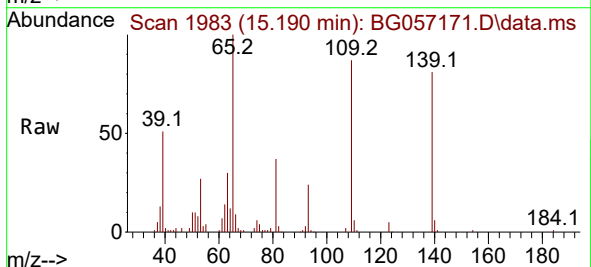
Instrument :
BNA_G
ClientSampleId :
PB152259BS

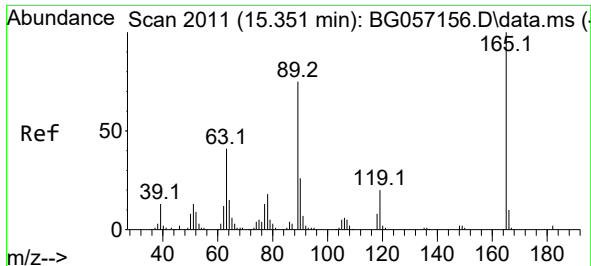
Tgt Ion:168 Resp: 231992
Ion Ratio Lower Upper
168 100
139 39.0 29.2 43.8
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 105.305 ng
RT: 15.190 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:139 Resp: 63553
Ion Ratio Lower Upper
139 100
109 107.8 67.3 107.3#
65 123.4 82.0 122.0#





#57

2,4-Dinitrotoluene

Concen: 50.205 ng

RT: 15.348 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

Tgt Ion:165 Resp: 59035

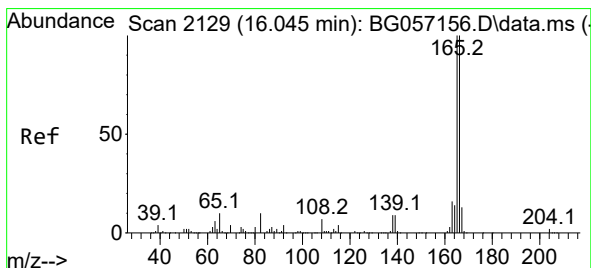
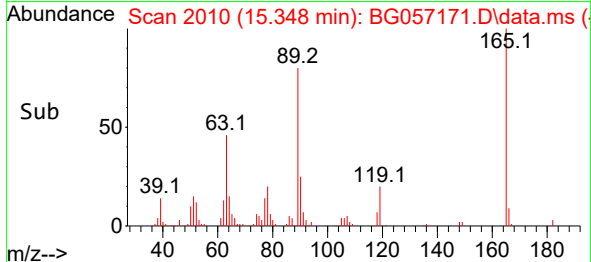
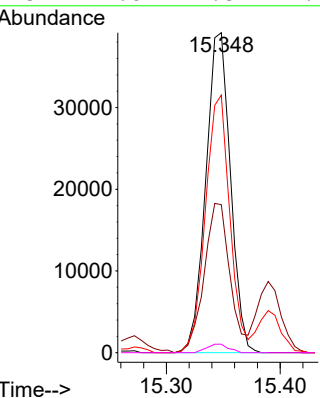
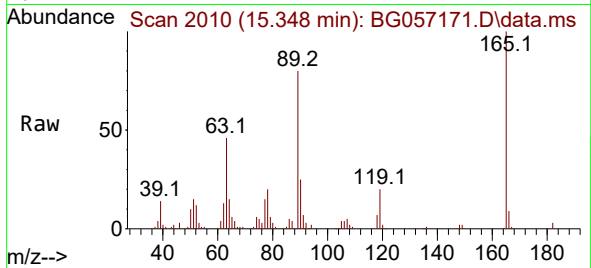
Ion Ratio Lower Upper

165 100

63 46.3 33.0 49.4

89 80.5 60.0 90.0

182 2.6 1.8 2.6#



#58

Fluorene

Concen: 43.411 ng

RT: 16.036 min Scan# 2127

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

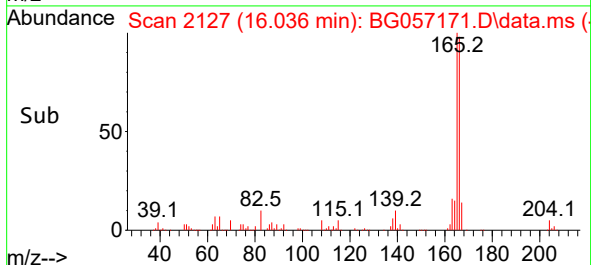
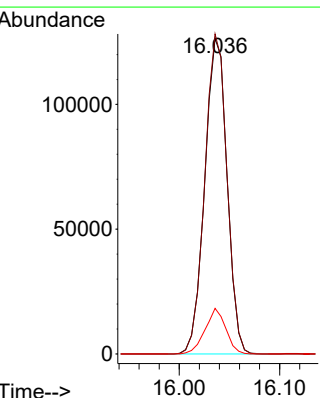
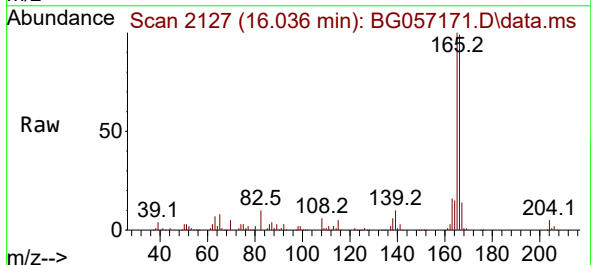
Tgt Ion:166 Resp: 194759

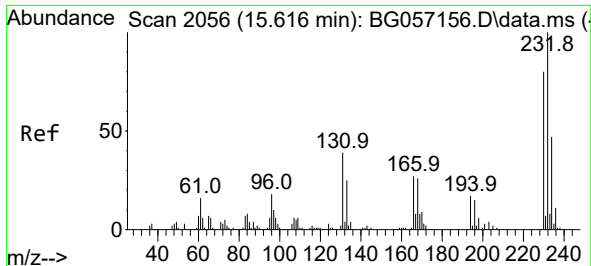
Ion Ratio Lower Upper

166 100

165 101.4 79.8 119.6

167 14.5 10.7 16.1

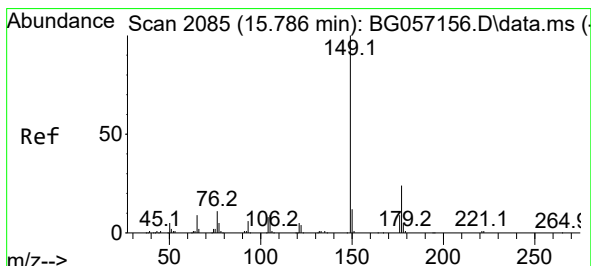
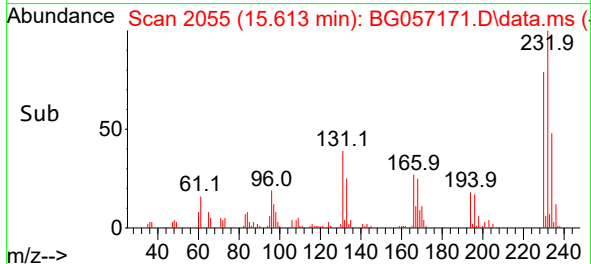
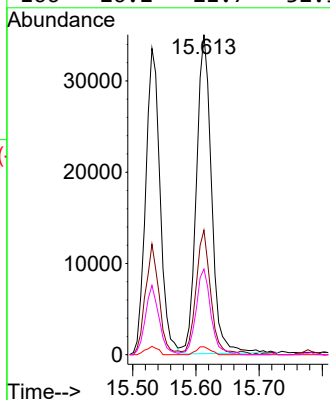
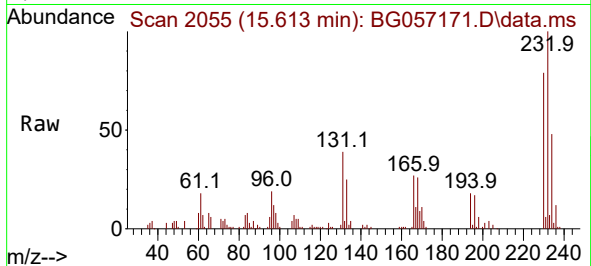




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.202 ng
RT: 15.613 min Scan# 2055
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

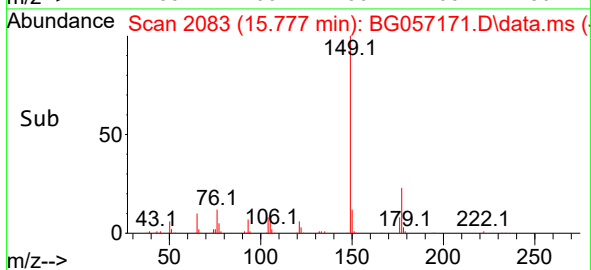
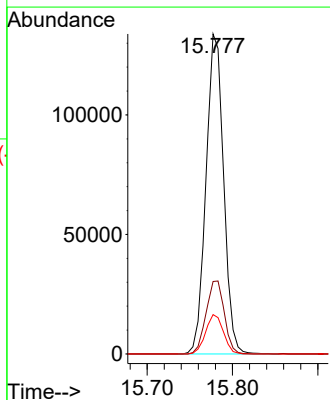
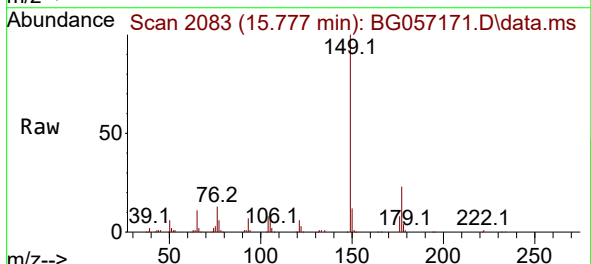
Instrument :
BNA_G
ClientSampleId :
PB152259BS

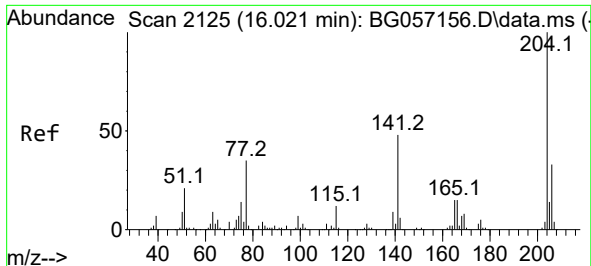
Tgt Ion:232 Resp: 58201
Ion Ratio Lower Upper
232 100
131 35.6 30.8 46.2
130 2.3 1.6 2.4
166 26.2 21.7 32.5



#60
Diethylphthalate
Concen: 48.187 ng
RT: 15.777 min Scan# 2083
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:149 Resp: 192141
Ion Ratio Lower Upper
149 100
177 22.6 19.0 28.4
150 12.3 9.8 14.8

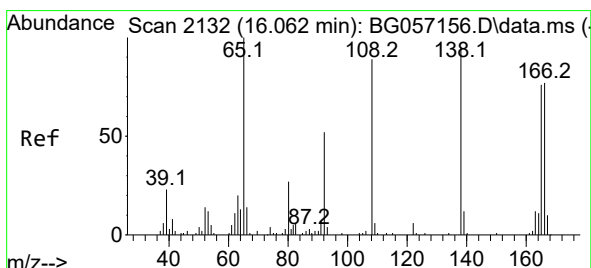
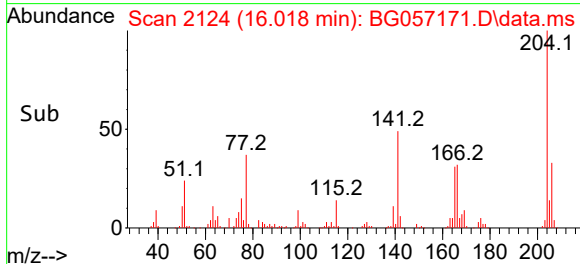
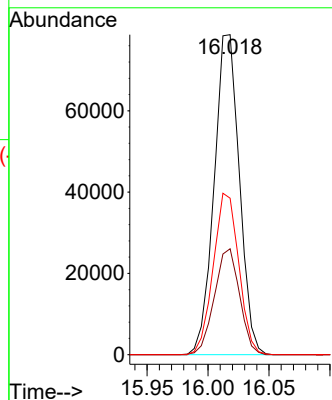
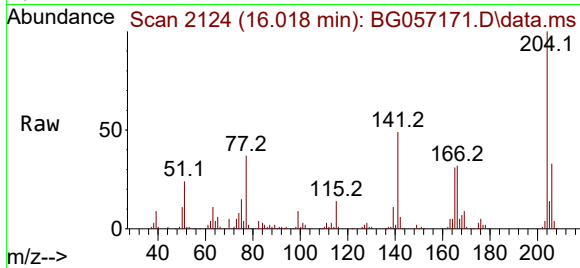




#61
4-Chlorophenyl-phenylether
Concen: 42.127 ng
RT: 16.018 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

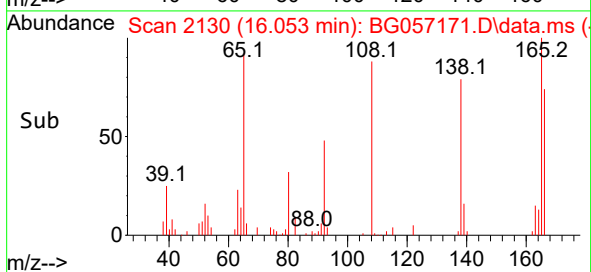
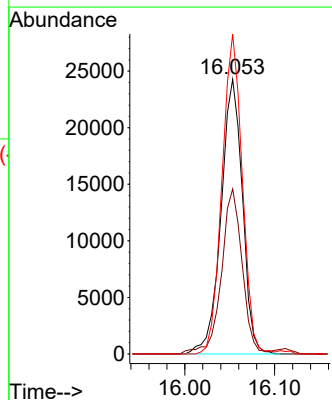
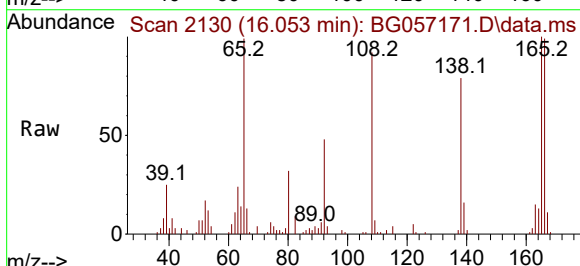
Instrument :
BNA_G
ClientSampleId :
PB152259BS

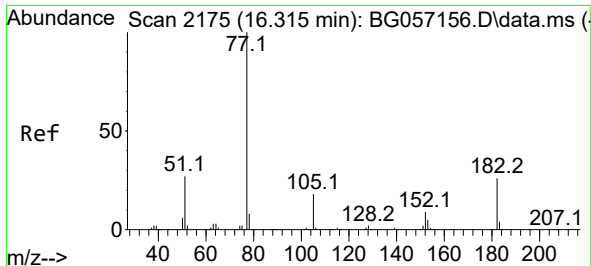
Tgt Ion:204 Resp: 113436
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 48.9 38.6 57.8



#62
4-Nitroaniline
Concen: 46.503 ng
RT: 16.053 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:138 Resp: 40149
Ion Ratio Lower Upper
138 100
92 60.1 34.9 74.9
108 116.5 73.0 113.0#

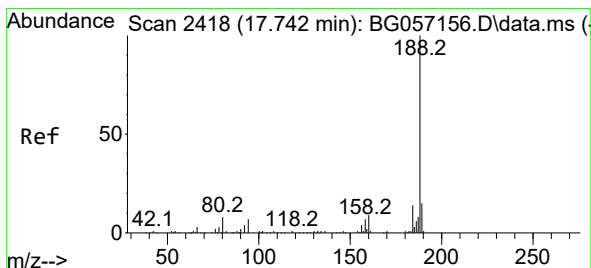
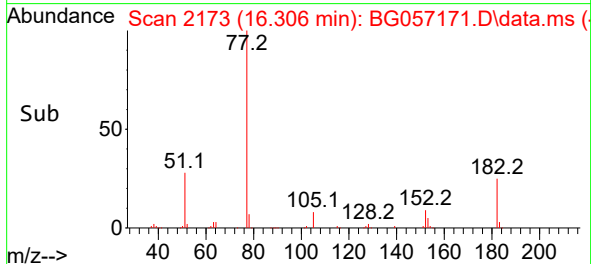
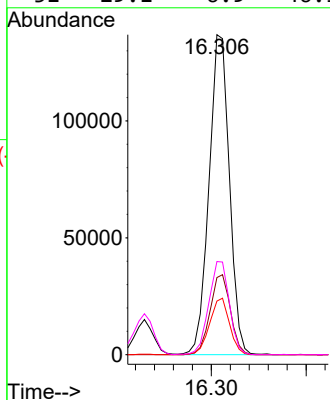
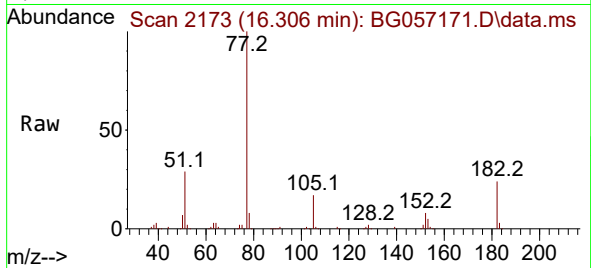




#63
Azobenzene
Concen: 48.175 ng
RT: 16.306 min Scan# 2175
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

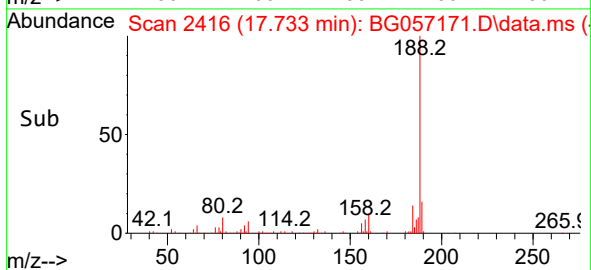
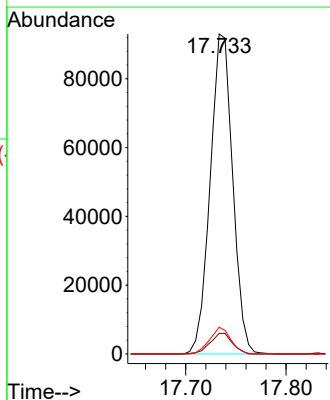
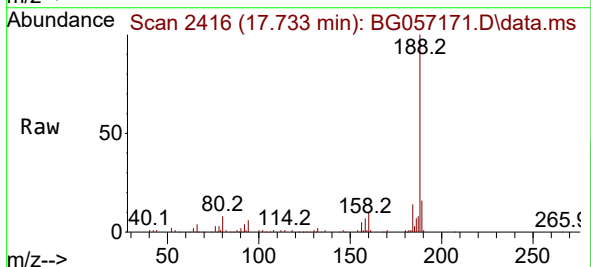
Instrument :
BNA_G
ClientSampleId :
PB152259BS

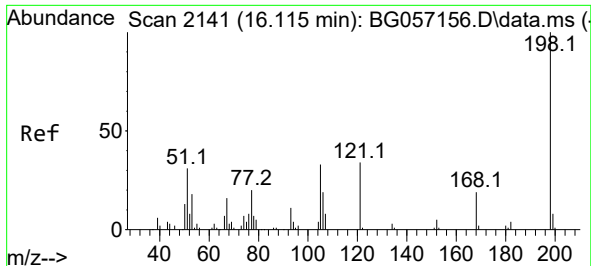
Tgt Ion: 77 Resp: 204345
Ion Ratio Lower Upper
77 100
182 24.1 6.1 46.1
105 16.8 0.0 38.4
51 29.1 6.9 46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.733 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:188 Resp: 144884
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.4 6.2 9.2

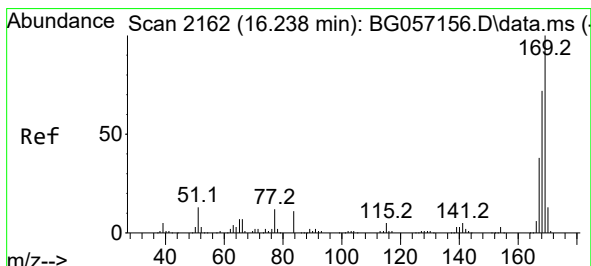
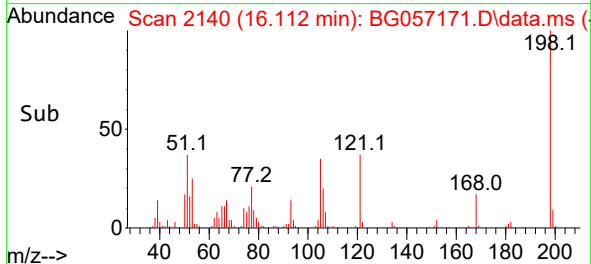
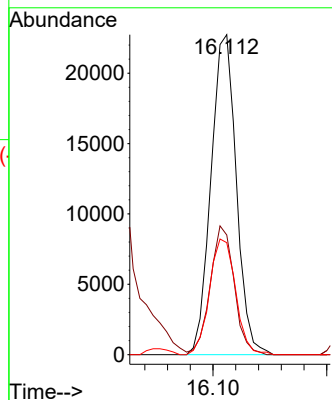
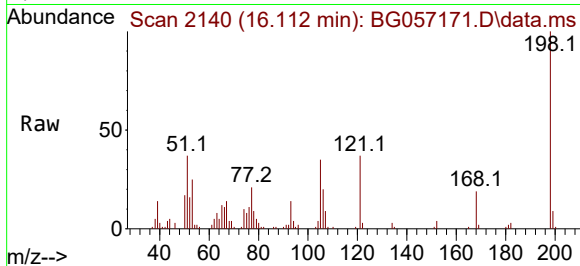




#65
4,6-Dinitro-2-methylphenol
Concen: 46.868 ng
RT: 16.112 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

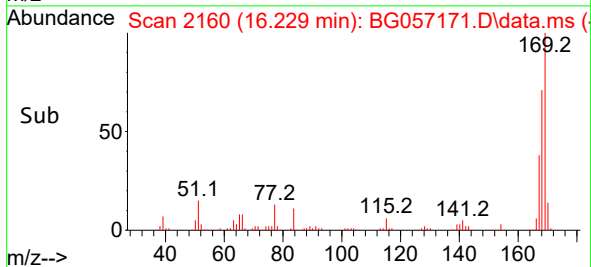
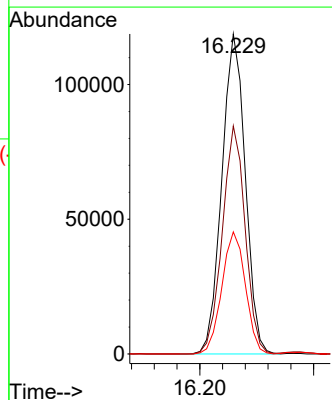
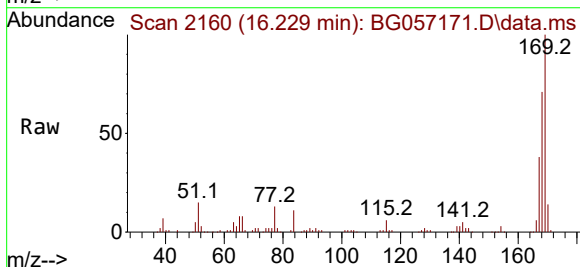
Instrument :
BNA_G
ClientSampleId :
PB152259BS

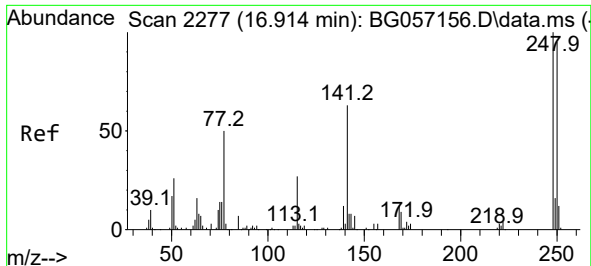
Tgt Ion:198 Resp: 35147
Ion Ratio Lower Upper
198 100
51 37.4 13.1 53.1
105 35.0 14.1 54.1



#66
n-Nitrosodiphenylamine
Concen: 44.946 ng
RT: 16.229 min Scan# 2160
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:169 Resp: 169917
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 38.1 30.5 45.7

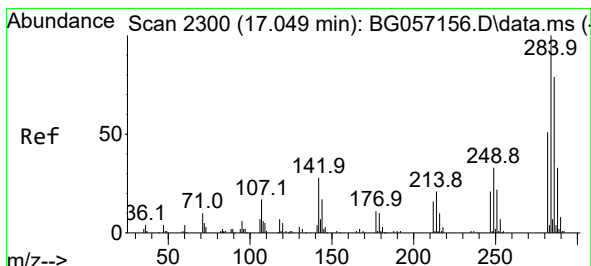
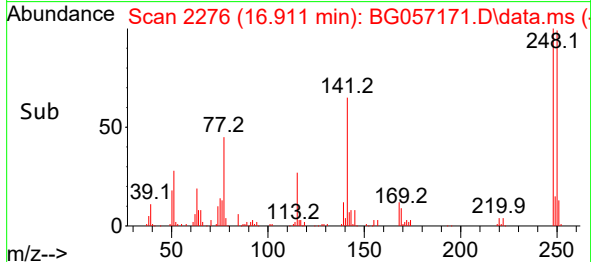
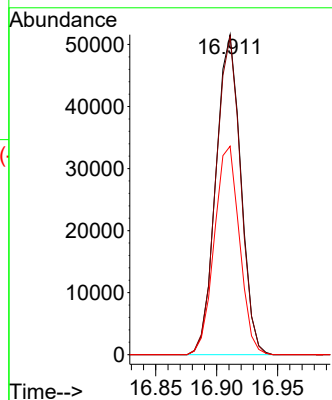
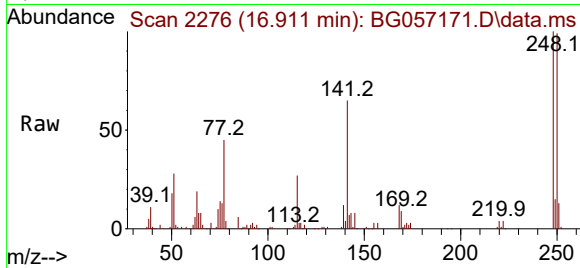




#67
4-Bromophenyl-phenylether
Concen: 42.011 ng
RT: 16.911 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

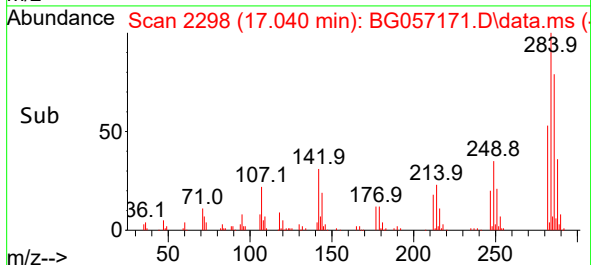
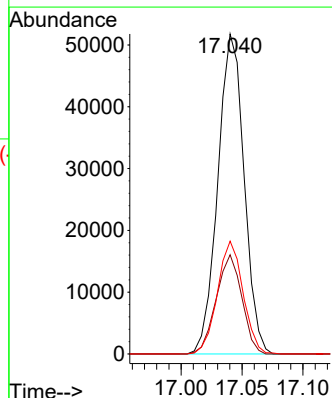
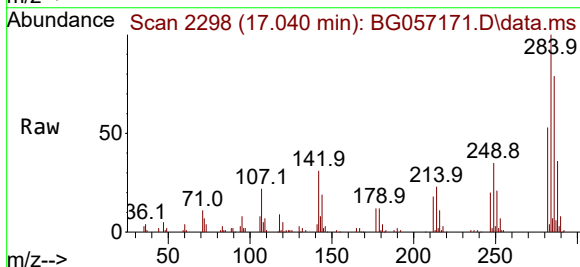
Instrument :
BNA_G
ClientSampleId :
PB152259BS

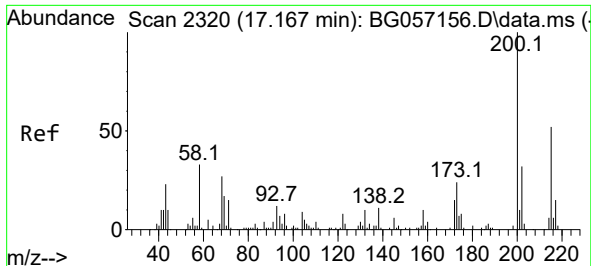
Tgt Ion:248 Resp: 73198
Ion Ratio Lower Upper
248 100
250 99.4 75.8 113.8
141 65.2 50.1 75.1



#68
Hexachlorobenzene
Concen: 43.394 ng
RT: 17.040 min Scan# 2298
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:284 Resp: 77550
Ion Ratio Lower Upper
284 100
142 31.0 22.6 33.8
249 35.2 26.6 40.0

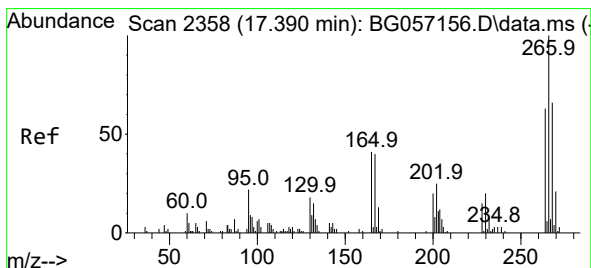
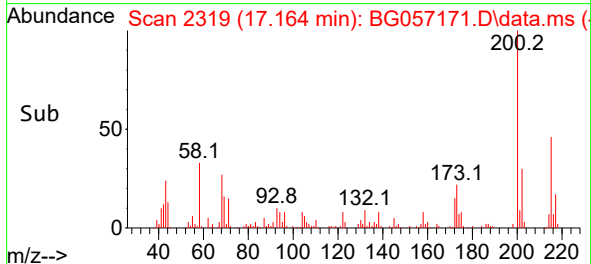
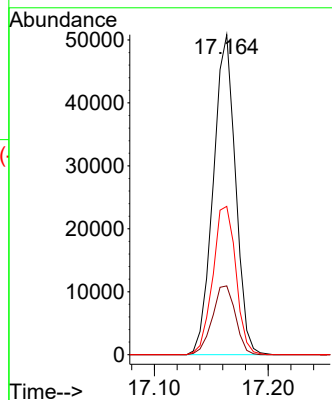
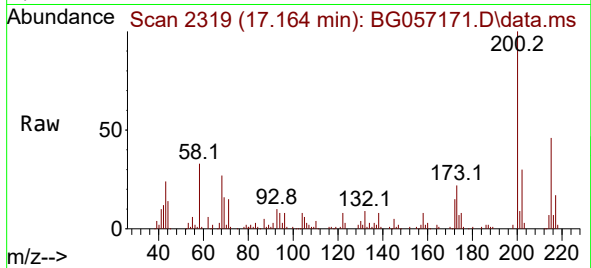




#69
 Atrazine
 Concen: 57.073 ng
 RT: 17.164 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

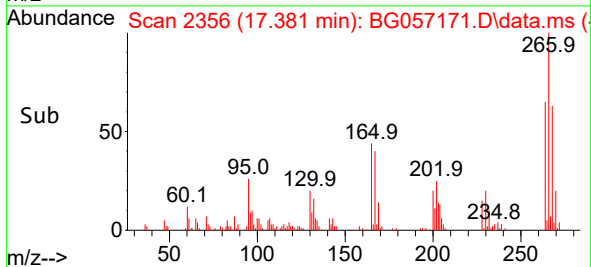
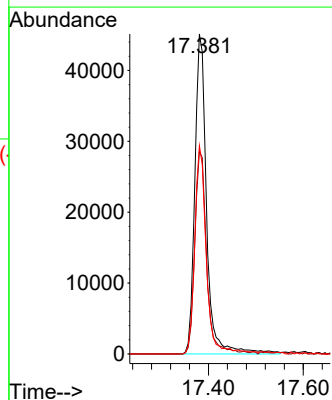
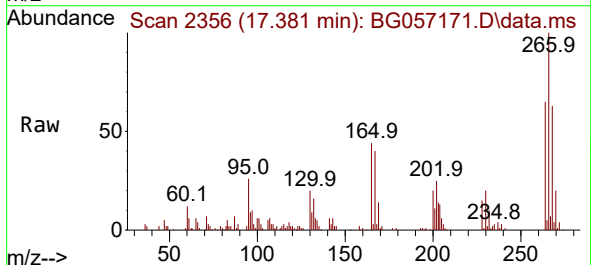
Instrument :
 BNA_G
 ClientSampleId :
 PB152259BS

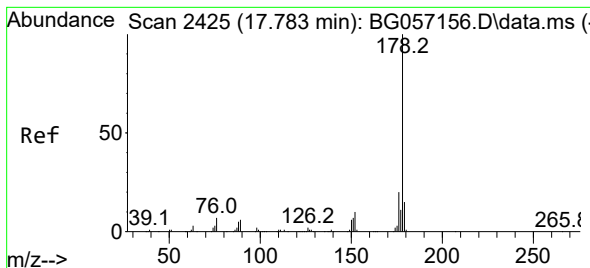
Tgt Ion:200 Resp: 68914
 Ion Ratio Lower Upper
 200 100
 173 21.5 4.2 44.2
 215 46.4 31.8 71.8



#70
 Pentachlorophenol
 Concen: 92.770 ng
 RT: 17.381 min Scan# 2356
 Delta R.T. -0.009 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

Tgt Ion:266 Resp: 77914
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.5 78.7
 264 65.1 50.7 76.1





#71

Phenanthrene

Concen: 44.149 ng

RT: 17.780 min Scan# 2425

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

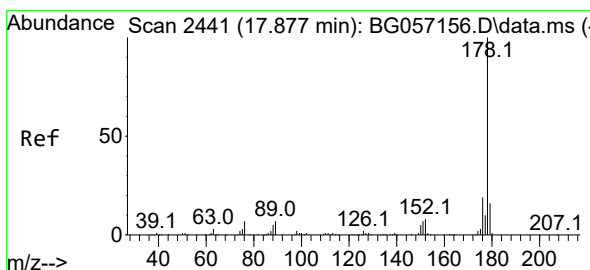
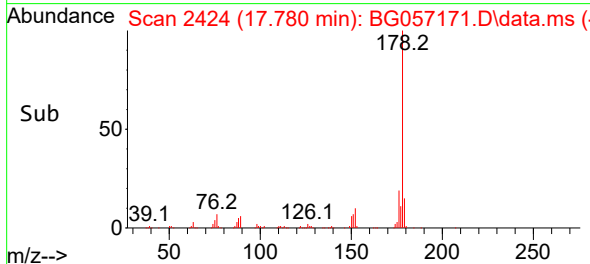
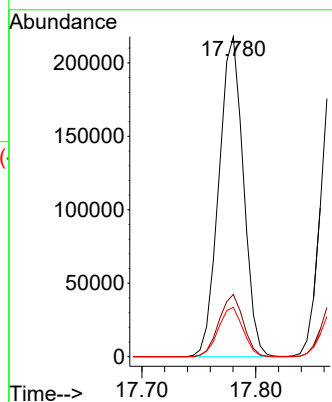
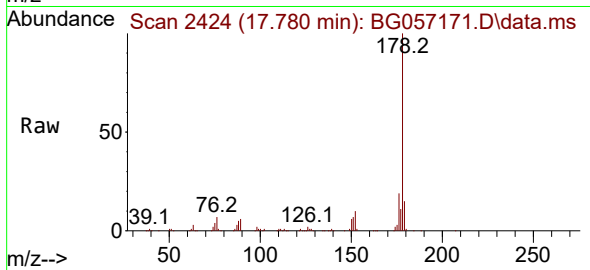
Tgt Ion:178 Resp: 326545

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.5 12.4 18.6



#72

Anthracene

Concen: 44.037 ng

RT: 17.868 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

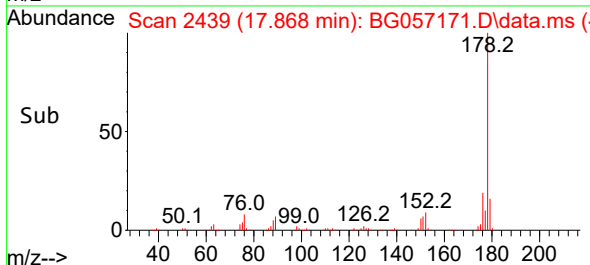
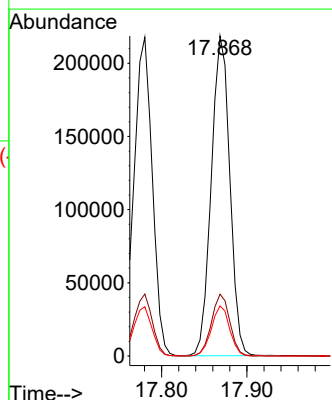
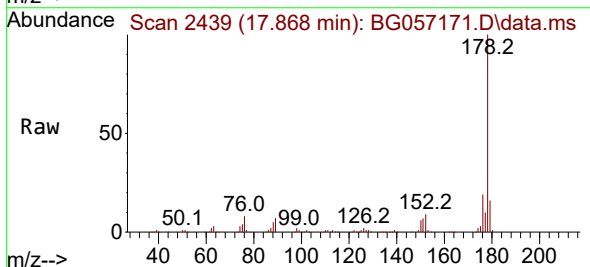
Tgt Ion:178 Resp: 329345

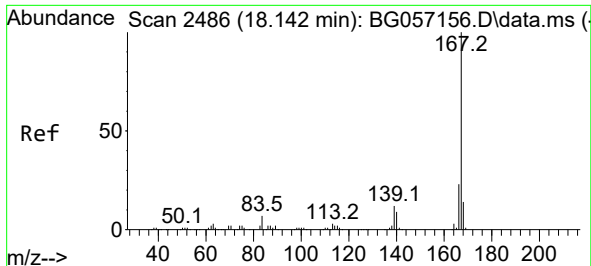
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 15.6 12.5 18.7

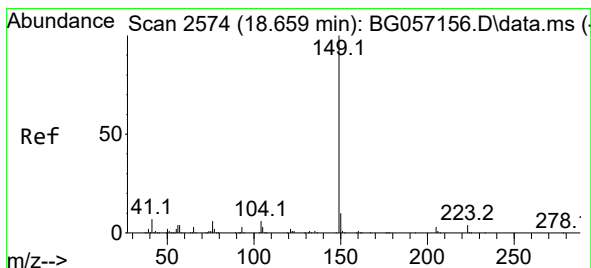
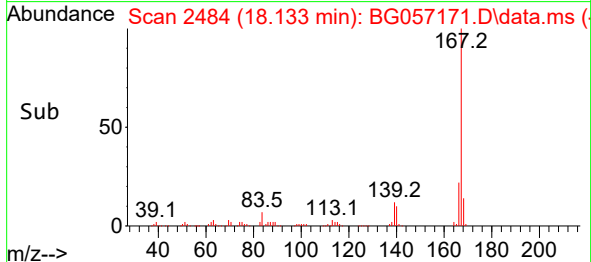
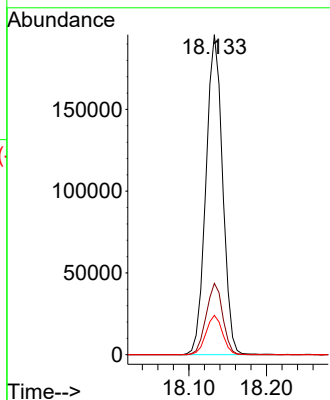
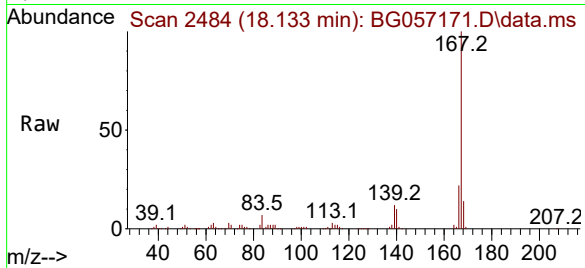




#73
Carbazole
Concen: 46.196 ng
RT: 18.133 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

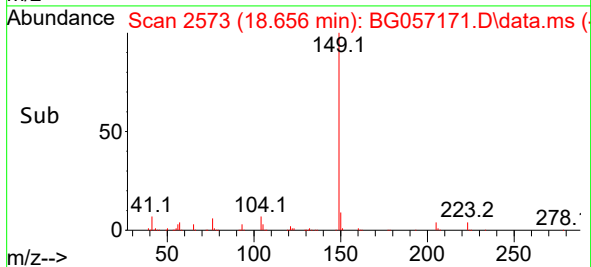
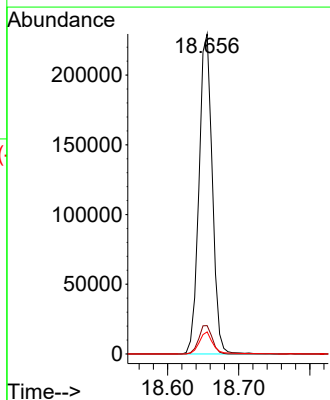
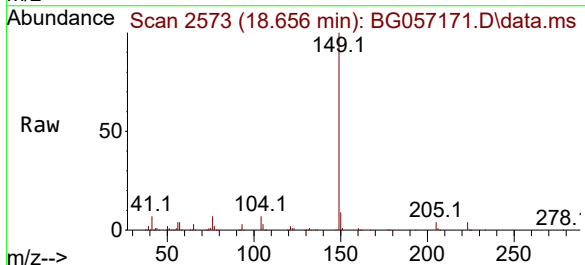
Instrument :
BNA_G
ClientSampleId :
PB152259BS

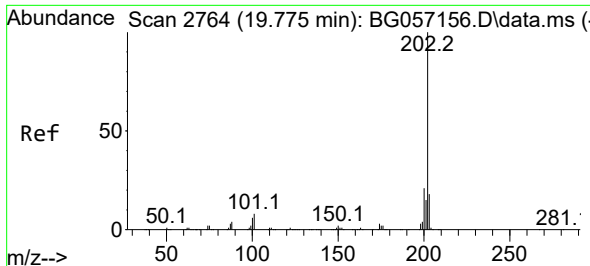
Tgt Ion:167 Resp: 291630
Ion Ratio Lower Upper
167 100
166 22.3 18.3 27.5
139 12.3 9.6 14.4



#74
Di-n-butylphthalate
Concen: 50.863 ng
RT: 18.656 min Scan# 2573
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:149 Resp: 298677
Ion Ratio Lower Upper
149 100
150 8.8 7.6 11.4
104 6.9 4.7 7.1

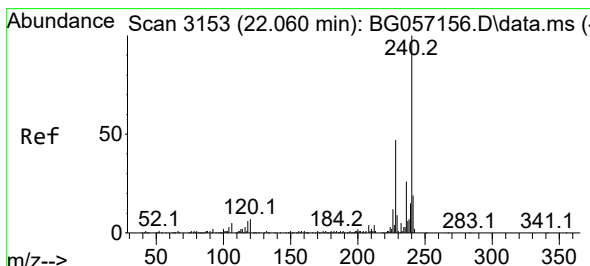
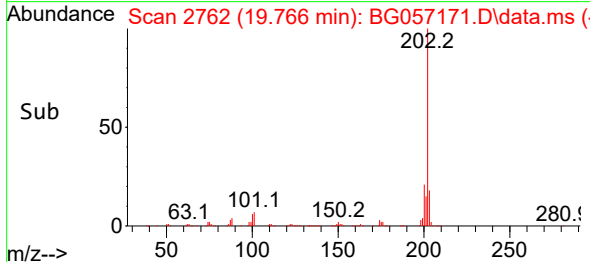
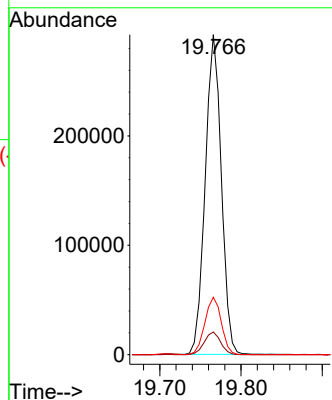
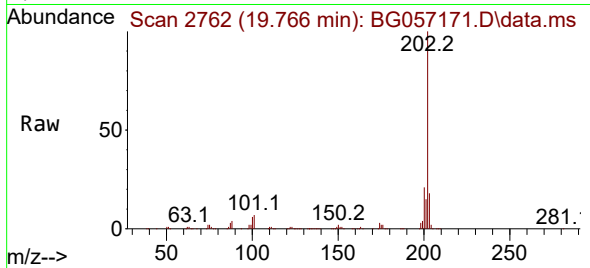




#75
Fluoranthene
Concen: 43.787 ng
RT: 19.766 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

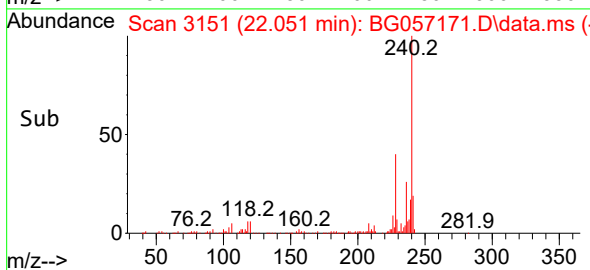
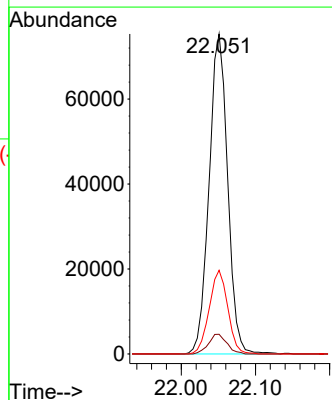
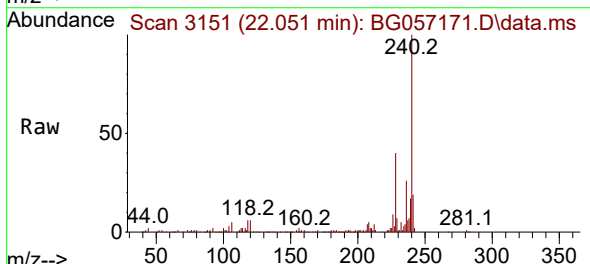
Instrument :
BNA_G
ClientSampleId :
PB152259BS

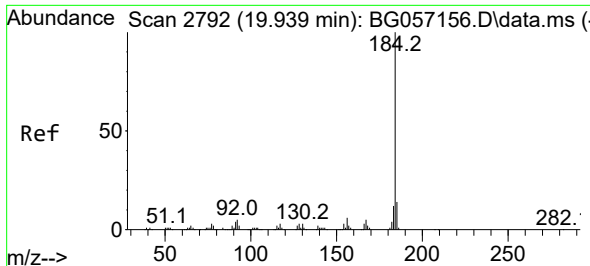
Tgt Ion:202 Resp: 402369
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.6
203 18.0 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:240 Resp: 130763
Ion Ratio Lower Upper
240 100
120 6.2 5.5 8.3
236 26.2 20.8 31.2

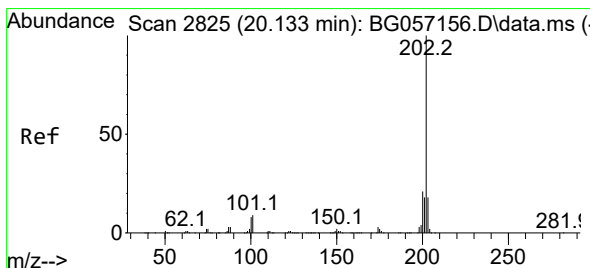
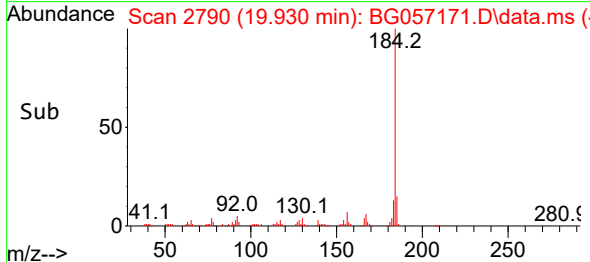
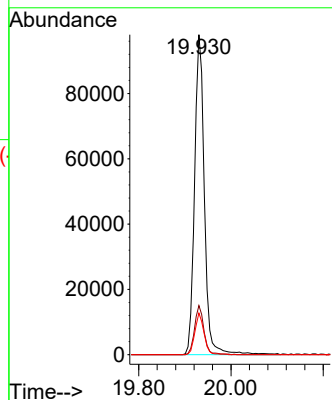
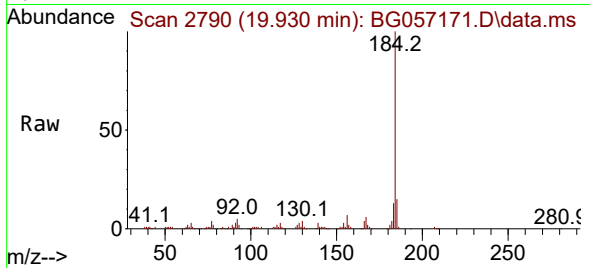




#77
Benzidine
Concen: 73.388 ng
RT: 19.930 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

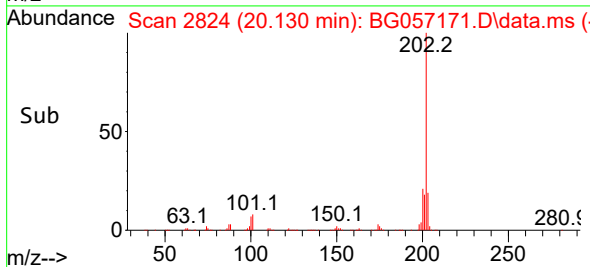
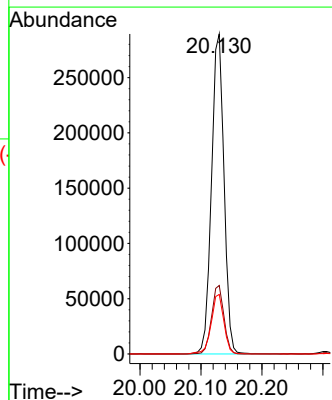
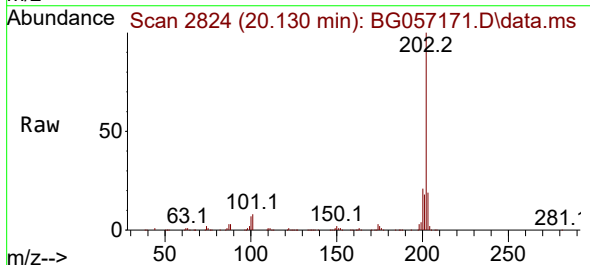
Instrument :
BNA_G
ClientSampleId :
PB152259BS

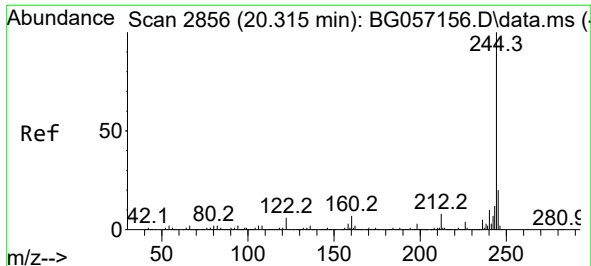
Tgt Ion:184 Resp: 144605
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 13.0 9.4 14.0



#78
Pyrene
Concen: 46.475 ng
RT: 20.130 min Scan# 2824
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:202 Resp: 412613
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.6 14.7 22.1

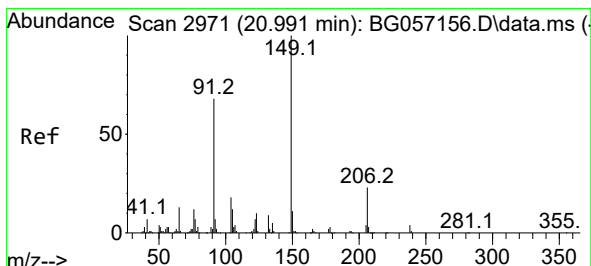
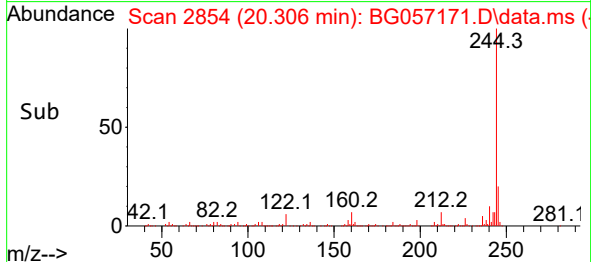
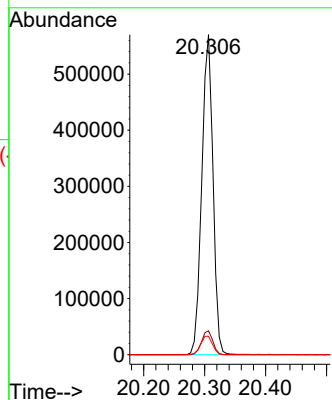
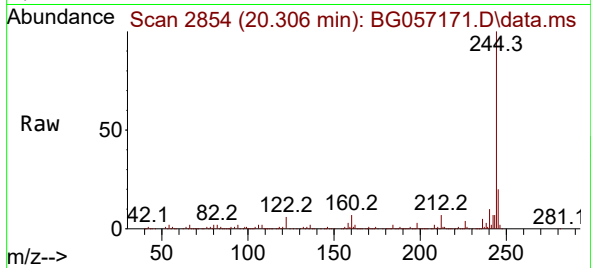




#79
 Terphenyl-d14
 Concen: 96.928 ng
 RT: 20.306 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

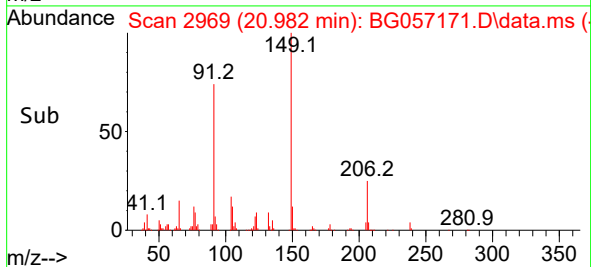
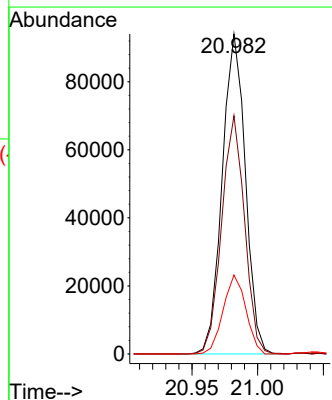
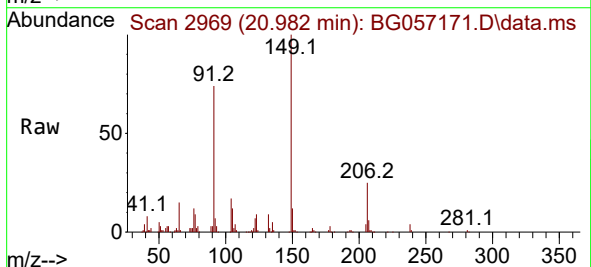
Instrument :
 BNA_G
 ClientSampleId :
 PB152259BS

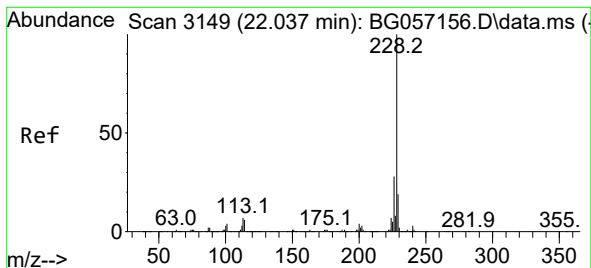
Tgt Ion:244 Resp: 724633
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.8 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 49.683 ng
 RT: 20.982 min Scan# 2969
 Delta R.T. -0.009 min
 Lab File: BG057171.D
 Acq: 25 Apr 2023 11:10

Tgt Ion:149 Resp: 115171
 Ion Ratio Lower Upper
 149 100
 91 74.4 54.1 81.1
 206 24.7 18.2 27.2





#81

Benzo(a)anthracene

Concen: 45.770 ng

RT: 22.028 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

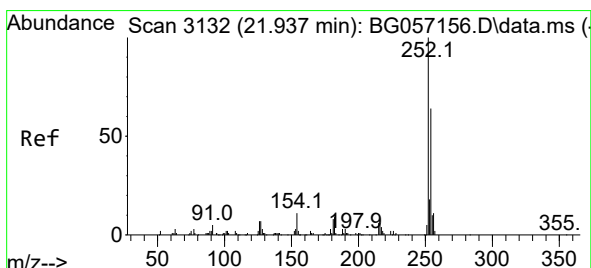
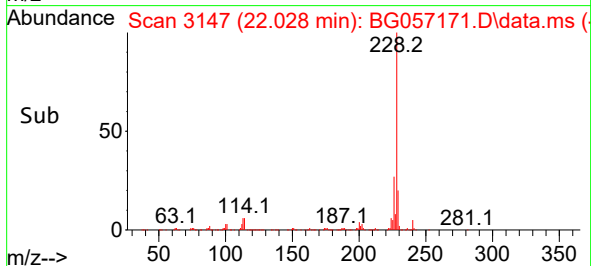
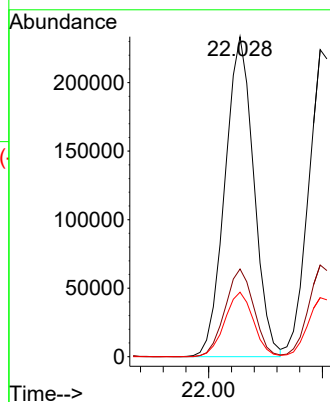
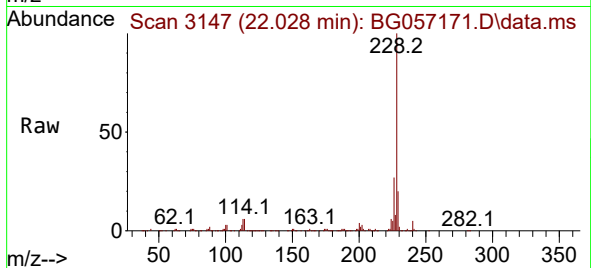
Tgt Ion:228 Resp: 411503

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 45.178 ng

RT: 21.928 min Scan# 3130

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

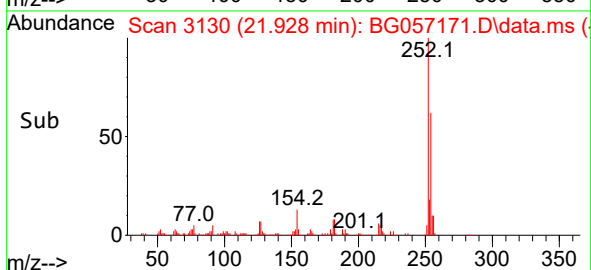
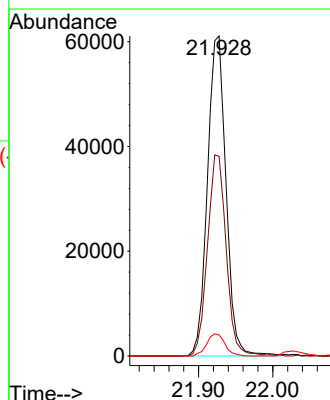
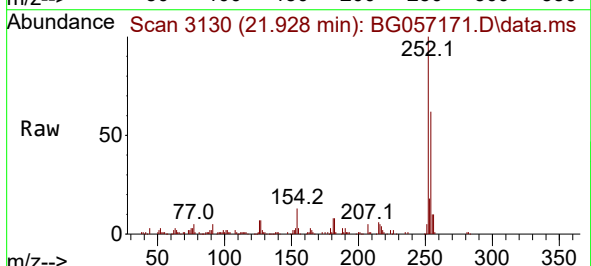
Tgt Ion:252 Resp: 106309

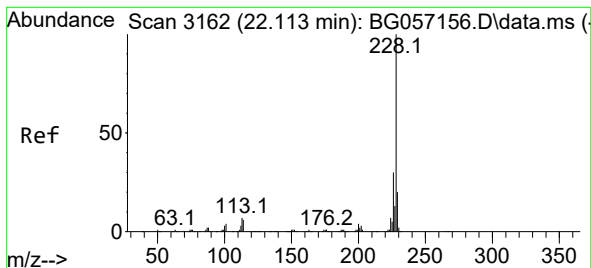
Ion Ratio Lower Upper

252 100

254 62.4 50.9 76.3

126 6.6 5.9 8.9





#83

Chrysene

Concen: 44.122 ng

RT: 22.098 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

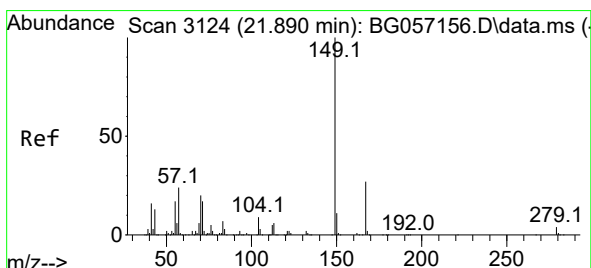
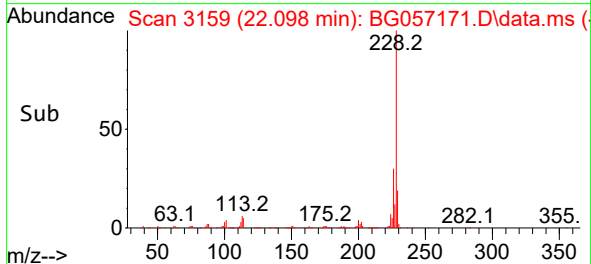
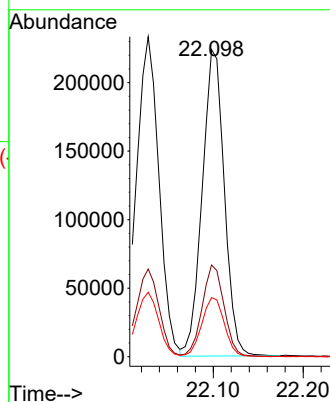
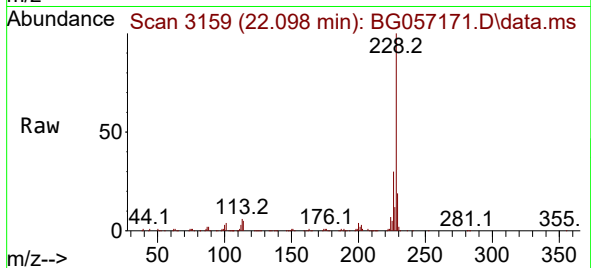
Tgt Ion:228 Resp: 382550

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.124 ng

RT: 21.875 min Scan# 3121

Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

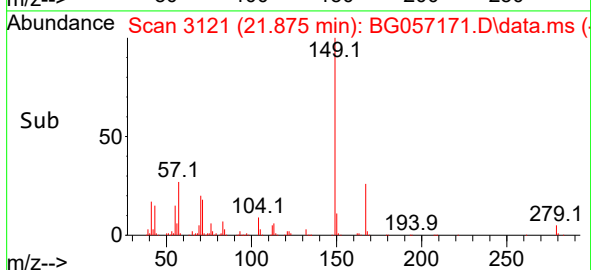
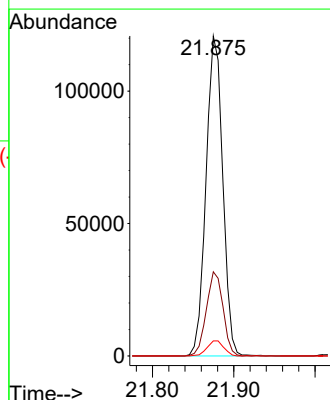
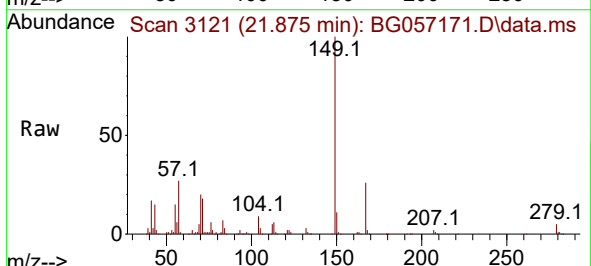
Tgt Ion:149 Resp: 172391

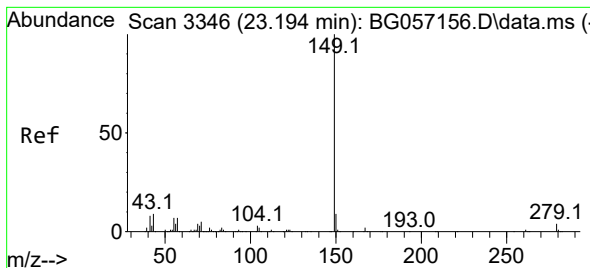
Ion Ratio Lower Upper

149 100

167 26.3 21.9 32.9

279 4.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.257 ng

RT: 23.179 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

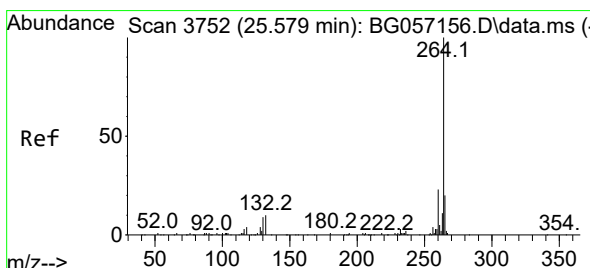
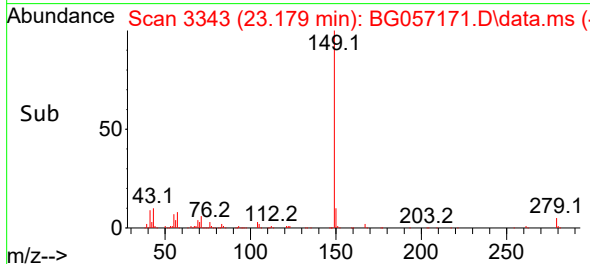
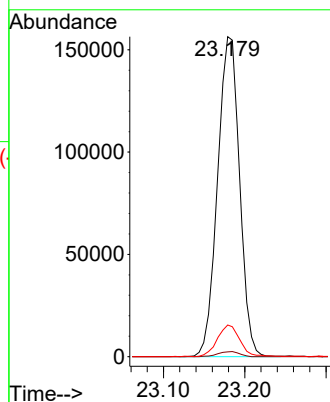
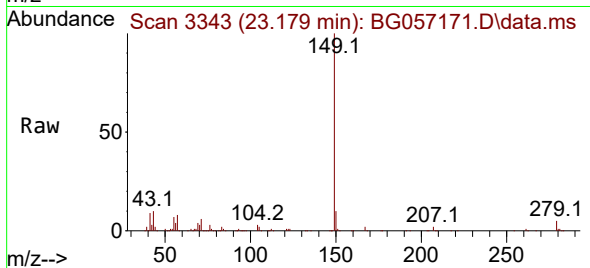
Tgt Ion:149 Resp: 294742

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.564 min Scan# 3749

Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

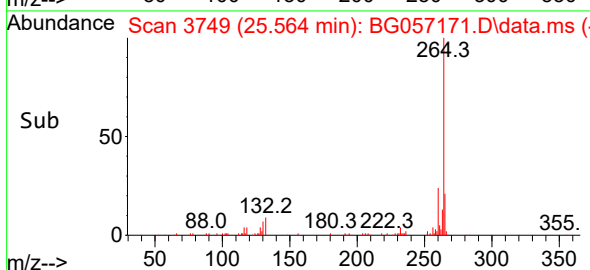
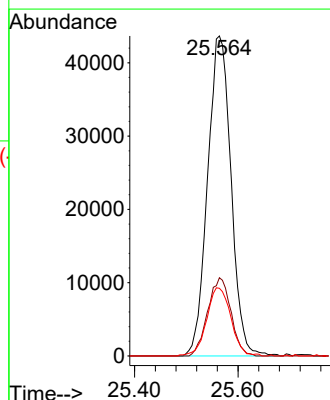
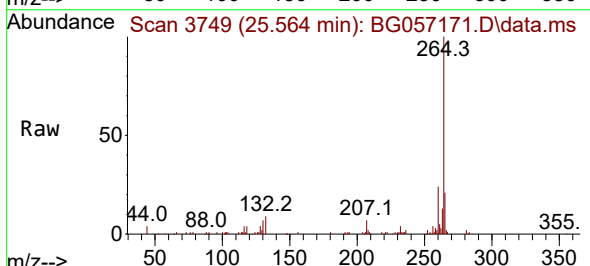
Tgt Ion:264 Resp: 137343

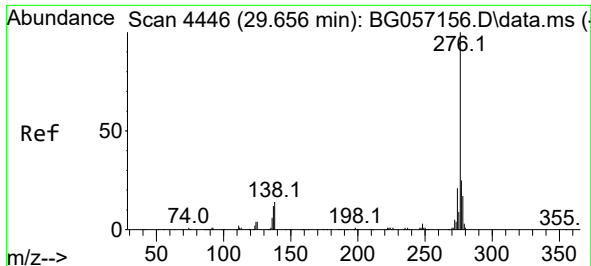
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.1 16.4 24.6

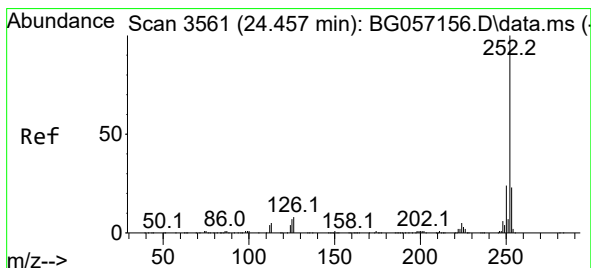
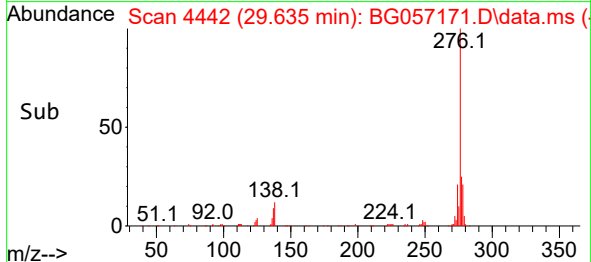
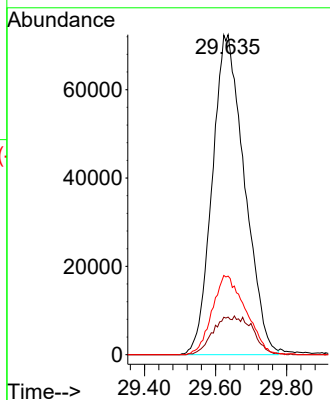
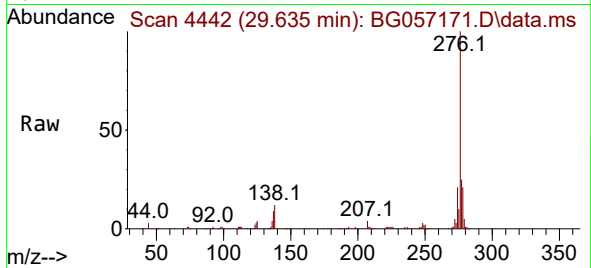




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.375 ng
RT: 29.635 min Scan# 4442
Delta R.T. -0.021 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

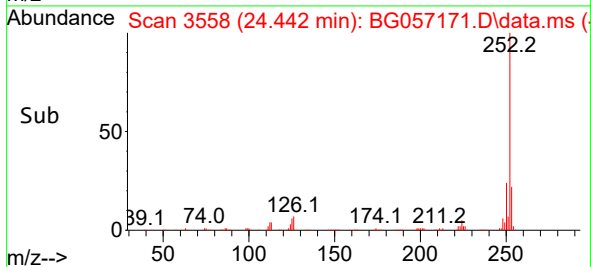
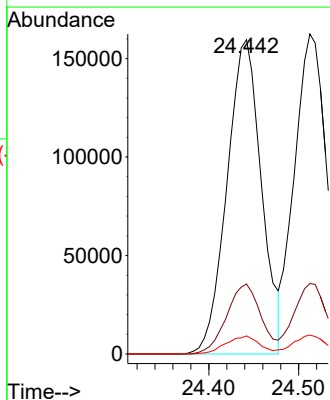
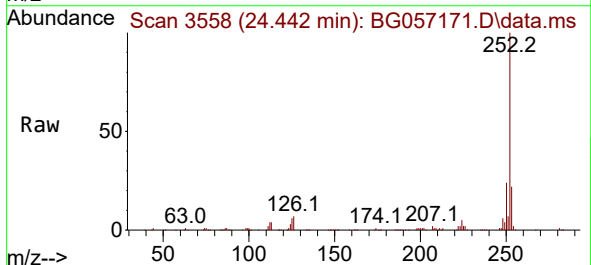
Instrument :
BNA_G
ClientSampleId :
PB152259BS

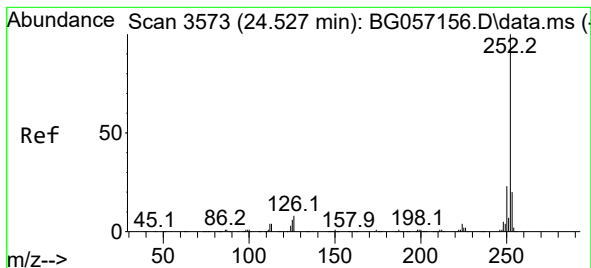
Tgt Ion:276 Resp: 456237
Ion Ratio Lower Upper
276 100
138 7.3 13.8 20.6#
277 25.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 49.372 ng
RT: 24.442 min Scan# 3558
Delta R.T. -0.015 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:252 Resp: 425063
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 5.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.188 ng

RT: 24.512 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

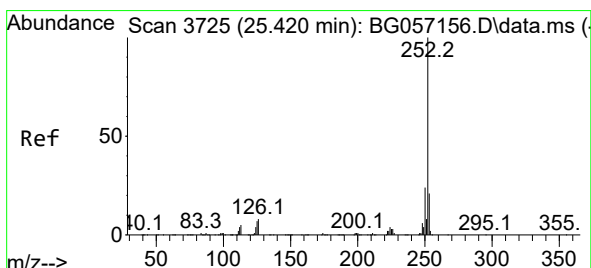
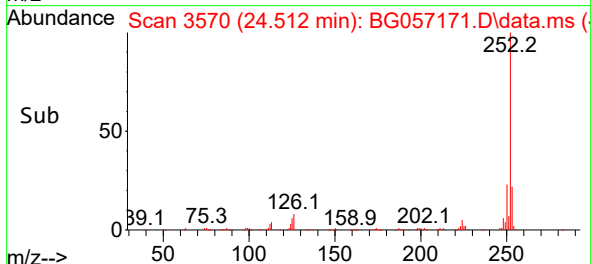
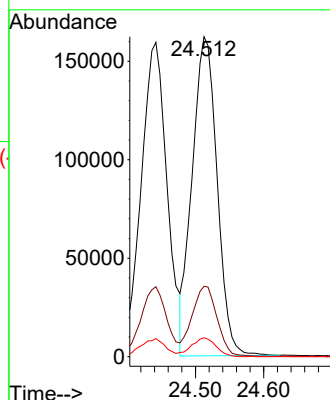
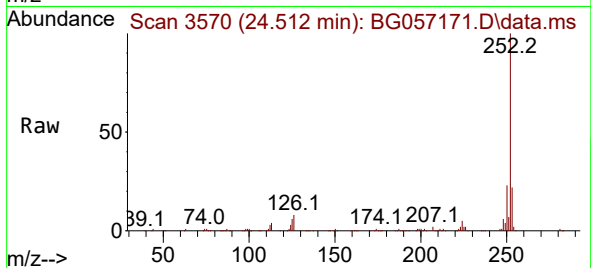
Tgt Ion:252 Resp: 411321

Ion Ratio Lower Upper

252 100

253 22.0 16.7 25.1

125 5.9 5.0 7.6



#90

Benzo(a)pyrene

Concen: 43.836 ng

RT: 25.399 min Scan# 3721

Delta R.T. -0.021 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

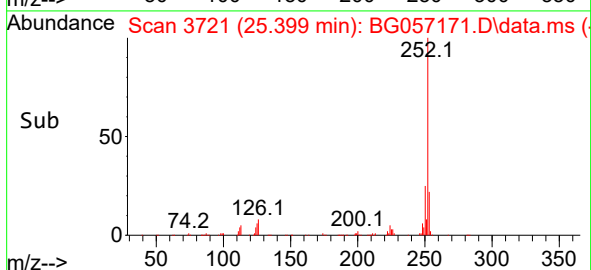
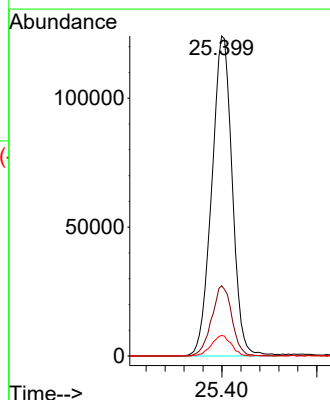
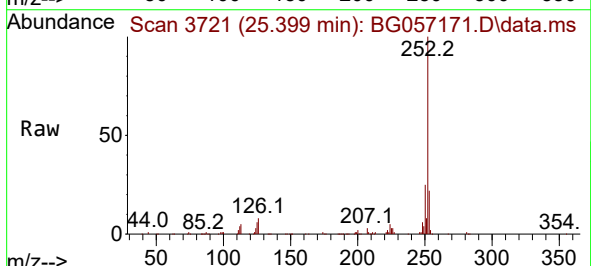
Tgt Ion:252 Resp: 371715

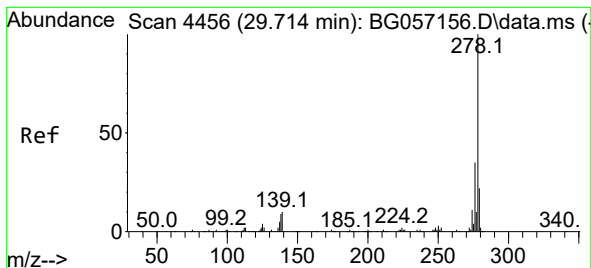
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 6.4 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 46.353 ng

RT: 29.694 min Scan# 4452

Delta R.T. -0.021 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

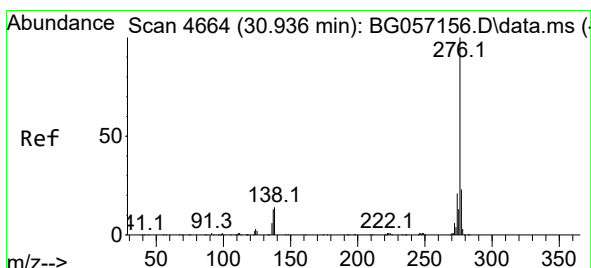
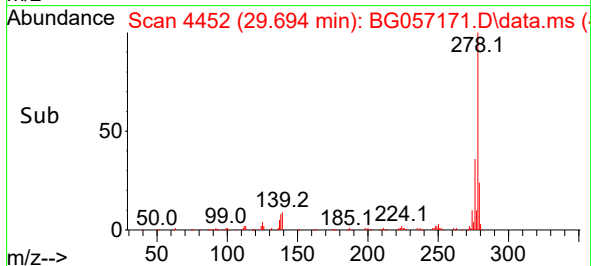
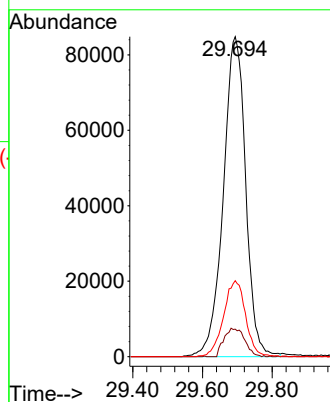
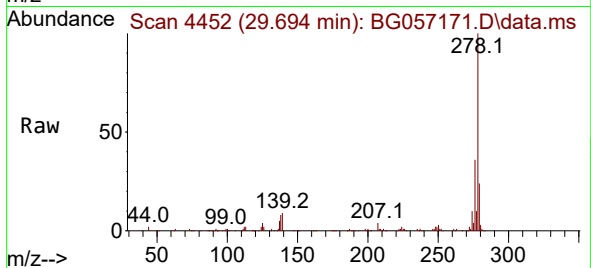
Tgt Ion:278 Resp: 378644

Ion Ratio Lower Upper

278 100

139 8.6 7.9 11.9

279 23.8 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 45.522 ng

RT: 30.915 min Scan# 4660

Delta R.T. -0.021 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Tgt Ion:276 Resp: 367921

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 12.7 11.5 17.3

