

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056659.D
 Acq On : 17 Feb 2023 17:04
 Operator : CG/JU
 Sample : PB150923BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

Quant Time: Feb 18 00:04:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.437	152	16075	20.000	ng	0.00
21) Naphthalene-d8	11.275	136	62043	20.000	ng	0.00
39) Acenaphthene-d10	15.041	164	46844	20.000	ng	0.00
64) Phenanthrene-d10	17.773	188	118532	20.000	ng	0.00
76) Chrysene-d12	22.092	240	117318	20.000	ng	0.00
86) Perylene-d12	25.635	264	130494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.946	112	140518	142.229	ng	0.00
7) Phenol-d6	7.562	99	194191	133.064	ng	0.00
23) Nitrobenzene-d5	9.612	82	97083	80.118	ng	0.00
42) 2,4,6-Tribromophenol	16.516	330	82196	128.161	ng	0.00
45) 2-Fluorobiphenyl	13.672	172	304415	87.019	ng	0.00
79) Terphenyl-d14	20.341	244	680035	94.838	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.754	88	17775	41.038	ng	97
3) Pyridine	4.172	79	51572	37.642	ng	98
4) n-Nitrosodimethylamine	4.083	42	28453	44.554	ng	92
6) Aniline	7.744	93	48024	23.678	ng	99
8) 2-Chlorophenol	7.991	128	42689	43.671	ng	90
9) Benzaldehyde	7.556	77	33729	43.703	ng	92
10) Phenol	7.585	94	67109	44.954	ng	97
11) bis(2-Chloroethyl)ether	7.838	93	46740	41.728	ng	98
12) 1,3-Dichlorobenzene	8.326	146	54319	46.640	ng	97
13) 1,4-Dichlorobenzene	8.472	146	55115	46.990	ng	92
14) 1,2-Dichlorobenzene	8.796	146	52519	46.584	ng	97
15) Benzyl Alcohol	8.666	79	51773	39.620	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.954	45	63947	42.524	ng	96
17) 2-Methylphenol	8.860	107	43927	41.871	ng	98
18) Hexachloroethane	9.542	117	16217	43.648	ng	97
19) n-Nitroso-di-n-propyla...	9.236	70	44893	41.090	ng	96
20) 3+4-Methylphenols	9.189	107	58406	40.527	ng	95
22) Acetophenone	9.266	105	83567	44.082	ng	# 97
24) Nitrobenzene	9.653	77	54300	39.006	ng	95
25) Isophorone	10.176	82	118226	40.089	ng	99
26) 2-Nitrophenol	10.370	139	20503	41.093	ng	# 77
27) 2,4-Dimethylphenol	10.405	122	51124	44.839	ng	94
28) bis(2-Chloroethoxy)met...	10.652	93	65947	43.879	ng	97
29) 2,4-Dichlorophenol	10.905	162	50534	44.719	ng	97
30) 1,2,4-Trichlorobenzene	11.128	180	61728	45.856	ng	97
31) Naphthalene	11.328	128	149974	43.615	ng	99
32) Benzoic acid	10.523	122	28570	38.878	ng	# 78
33) 4-Chloroaniline	11.422	127	18974	12.078	ng	# 94
34) Hexachlorobutadiene	11.604	225	42640	44.325	ng	92
35) Caprolactam	12.174	113	8507	23.406	ng	93
36) 4-Chloro-3-methylphenol	12.497	107	54491	43.727	ng	98
37) 2-Methylnaphthalene	12.897	142	112072	41.279	ng	98
38) 1-Methylnaphthalene	13.114	142	104201	41.130	ng	96
40) 1,2,4,5-Tetrachloroben...	13.255	216	78189	44.900	ng	99
41) Hexachlorocyclopentadiene	13.237	237	89256	94.500	ng	100
43) 2,4,6-Trichlorophenol	13.478	196	45317	42.891	ng	96

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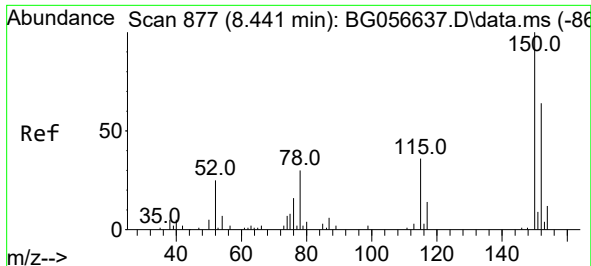
Quant Time: Feb 18 00:04:48 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.555	196	51656	40.793	ng	96
46) 1,1'-Biphenyl	13.884	154	157245	44.313	ng	97
47) 2-Chloronaphthalene	13.931	162	128165	45.642	ng	99
48) 2-Nitroaniline	14.119	65	24465	31.885	ng	91
49) Acenaphthylene	14.771	152	201587	44.182	ng	100
50) Dimethylphthalate	14.477	163	163587	42.244	ng	99
51) 2,6-Dinitrotoluene	14.601	165	29596	39.728	ng	98
52) Acenaphthene	15.106	154	133937	47.589	ng	98
53) 3-Nitroaniline	14.930	138	13545	18.019	ng #	85
54) 2,4-Dinitrophenol	15.129	184	41316	92.352	ng #	49
55) Dibenzofuran	15.435	168	206689	43.470	ng	99
56) 4-Nitrophenol	15.212	139	53977	93.723	ng	89
57) 2,4-Dinitrotoluene	15.382	165	43820	46.399	ng	96
58) Fluorene	16.081	166	165153	43.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.646	232	48010	43.259	ng	95
60) Diethylphthalate	15.829	149	164874	42.208	ng	100
61) 4-Chlorophenyl-phenyle...	16.064	204	99691	43.406	ng	99
62) 4-Nitroaniline	16.087	138	33942	43.326	ng	96
63) Azobenzene	16.351	77	167518	42.850	ng	99
65) 4,6-Dinitro-2-methylph...	16.134	198	26435	43.187	ng	91
66) n-Nitrosodiphenylamine	16.275	169	151692	43.991	ng	99
67) 4-Bromophenyl-phenylether	16.957	248	62329	40.956	ng	91
68) Hexachlorobenzene	17.080	284	73453	47.374	ng	99
69) Atrazine	17.203	200	63302	47.807	ng	98
70) Pentachlorophenol	17.415	266	82776	80.615	ng	96
71) Phenanthrene	17.820	178	293057	45.444	ng	99
72) Anthracene	17.908	178	299411	45.375	ng	98
73) Carbazole	18.167	167	267616	47.047	ng	99
74) Di-n-butylphthalate	18.702	149	278794	43.797	ng	99
75) Fluoranthene	19.800	202	388650	45.675	ng	99
77) Benzidine	19.965	184	90969	32.420	ng	97
78) Pyrene	20.165	202	401149	45.276	ng	99
80) Butylbenzylphthalate	21.028	149	100605	37.813	ng	95
81) Benzo(a)anthracene	22.074	228	393963	45.155	ng	98
82) 3,3'-Dichlorobenzidine	21.968	252	65680	23.203	ng	99
83) Chrysene	22.145	228	364037	44.633	ng	97
84) Bis(2-ethylhexyl)phtha...	21.945	149	155339	38.963	ng	96
85) Di-n-octyl phthalate	23.273	149	255962	38.627	ng	98
87) Indeno(1,2,3-cd)pyrene	29.730	276	477029	46.677	ng #	99
88) Benzo(b)fluoranthene	24.577	252	386839	45.375	ng	99
89) Benzo(k)fluoranthene	24.577	252	386839	46.142	ng	98
90) Benzo(a)pyrene	25.470	252	356865	43.548	ng	99
91) Dibenzo(a,h)anthracene	29.806	278	391534	46.257	ng	98
92) Benzo(g,h,i)perylene	31.017	276	385644	46.628	ng	96

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

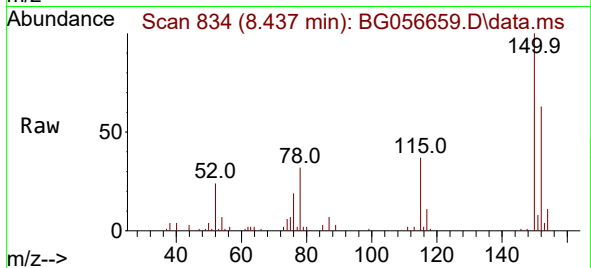
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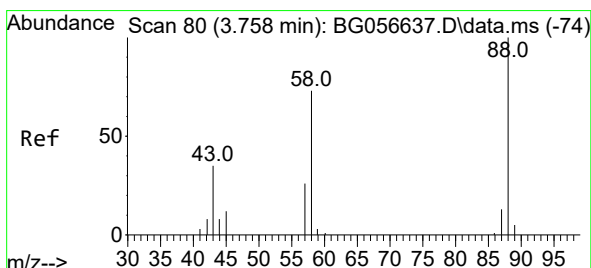
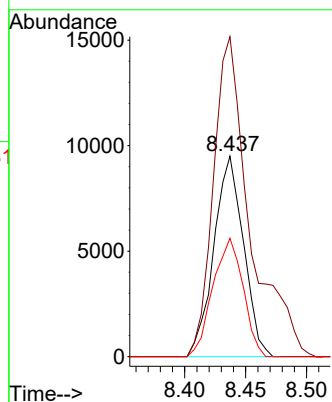
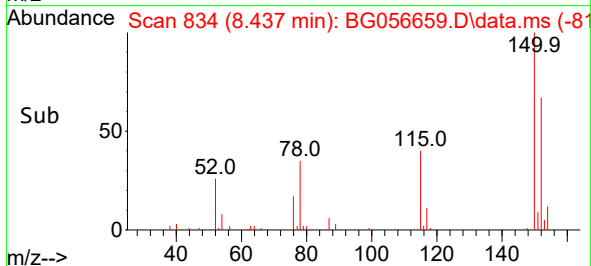


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.437 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056659.D
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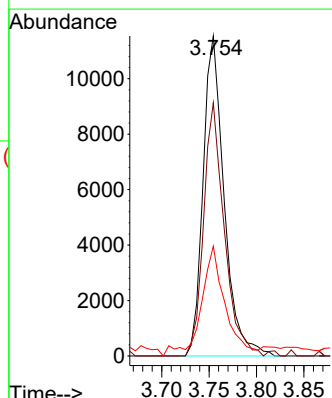
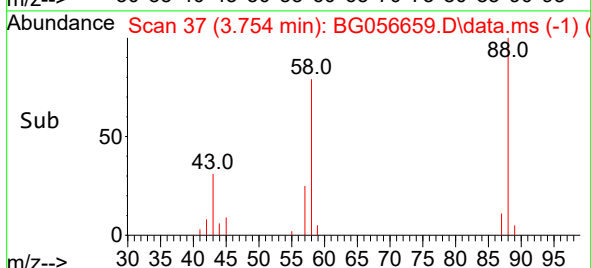
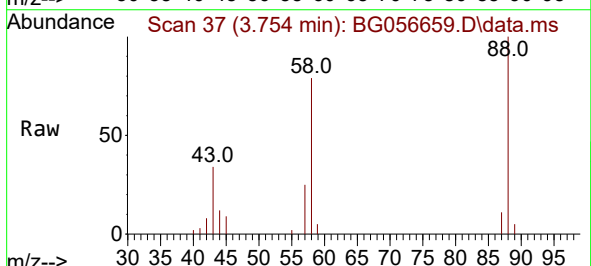


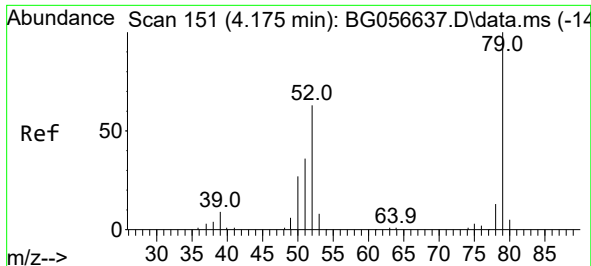
Tgt Ion:152 Resp: 16075
Ion Ratio Lower Upper
152 100
150 159.6 124.8 187.2
115 59.1 44.7 67.1



#2
1,4-Dioxane
Concen: 41.038 ng
RT: 3.754 min Scan# 37
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 88 Resp: 17775
Ion Ratio Lower Upper
88 100
58 77.7 62.2 93.2
43 39.0 26.6 40.0

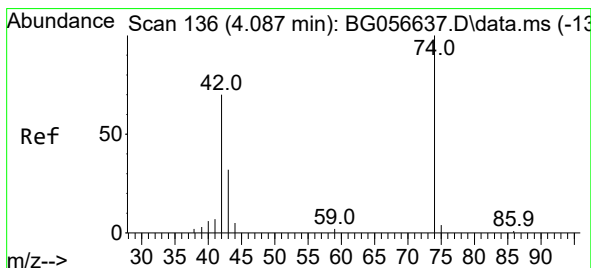
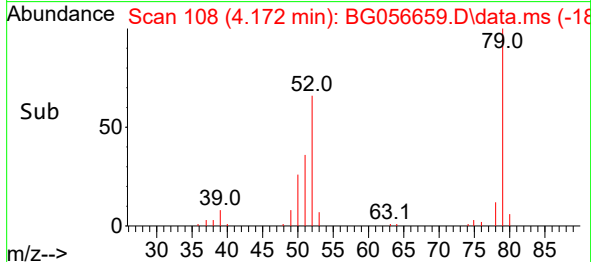
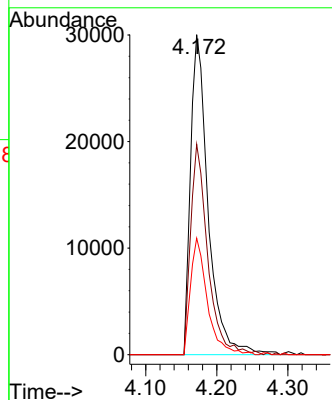
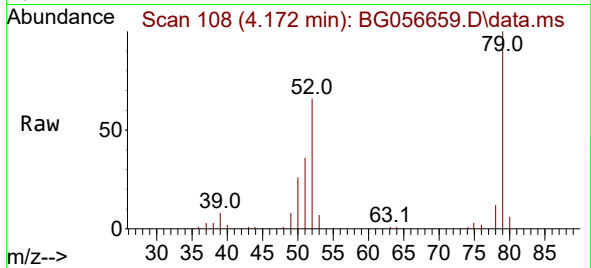




#3
Pyridine
Concen: 37.642 ng
RT: 4.172 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

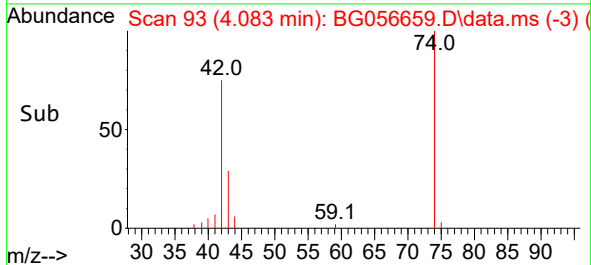
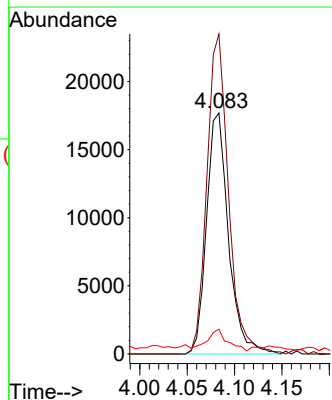
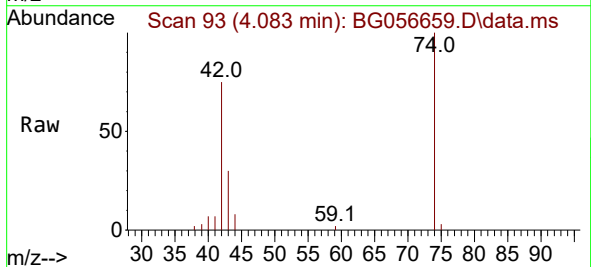
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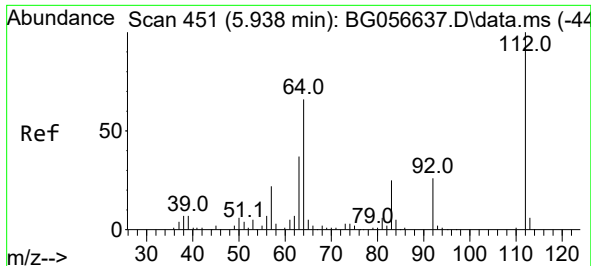
Tgt Ion: 79 Resp: 51572
Ion Ratio Lower Upper
79 100
52 65.8 50.8 76.2
51 36.4 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 44.554 ng
RT: 4.083 min Scan# 93
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 42 Resp: 28453
Ion Ratio Lower Upper
42 100
74 132.8 114.5 171.7
44 10.3 7.2 10.8

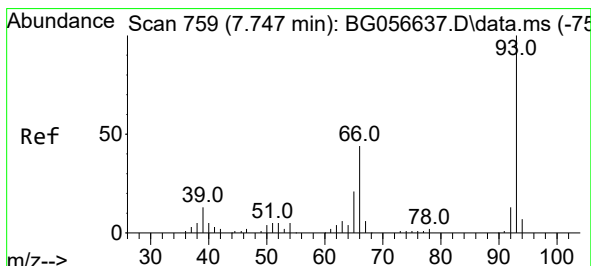
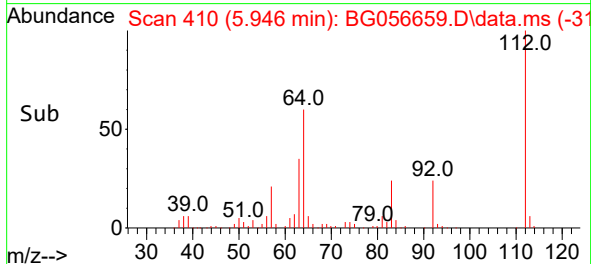
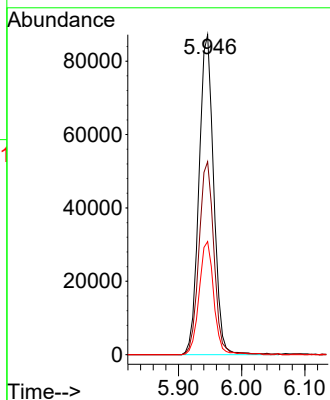
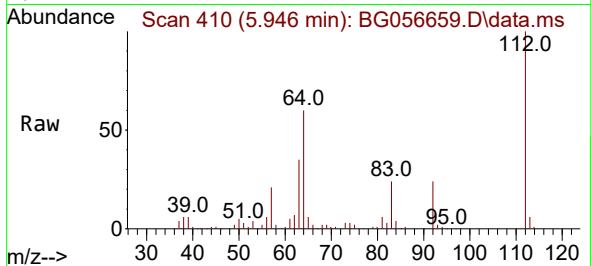




#5
2-Fluorophenol
Concen: 142.229 ng
RT: 5.946 min Scan# 410
Delta R.T. 0.008 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

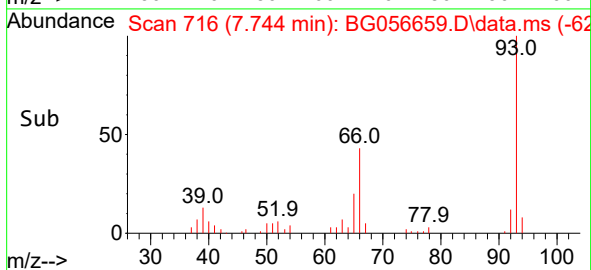
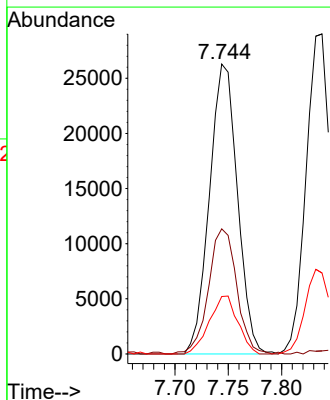
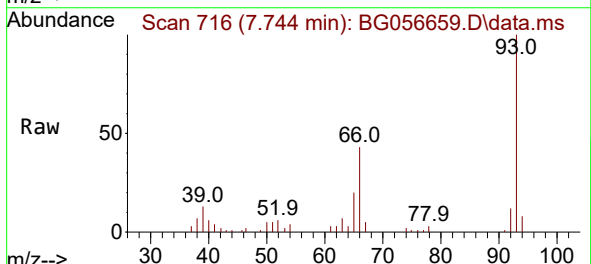
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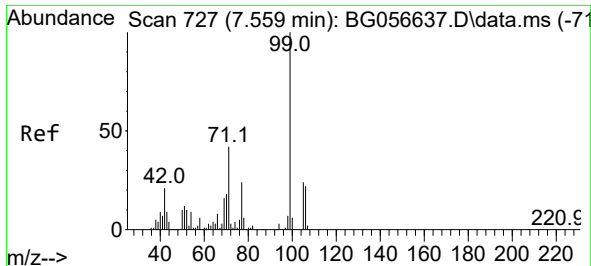
Tgt Ion:112 Resp: 140518
Ion Ratio Lower Upper
112 100
64 60.3 52.6 78.8
63 35.3 29.8 44.6



#6
Aniline
Concen: 23.678 ng
RT: 7.744 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 93 Resp: 48024
Ion Ratio Lower Upper
93 100
66 43.1 35.0 52.4
65 19.8 16.5 24.7

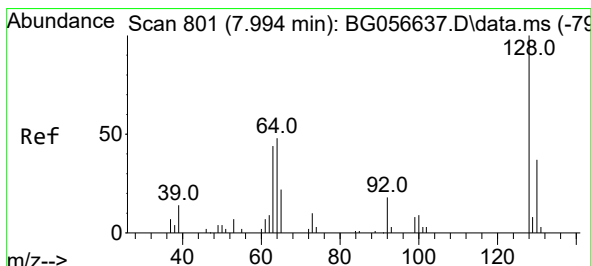
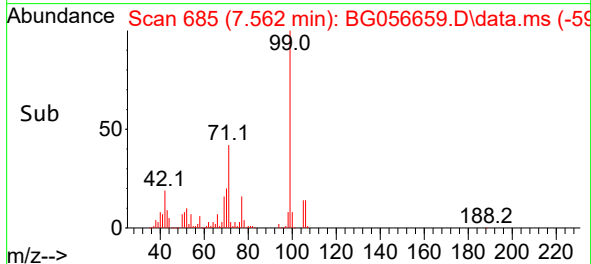
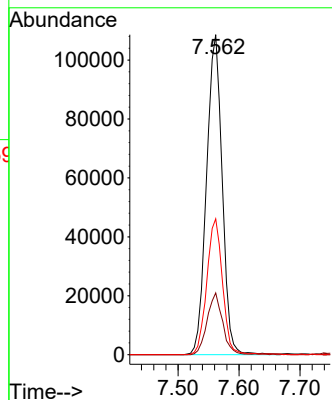
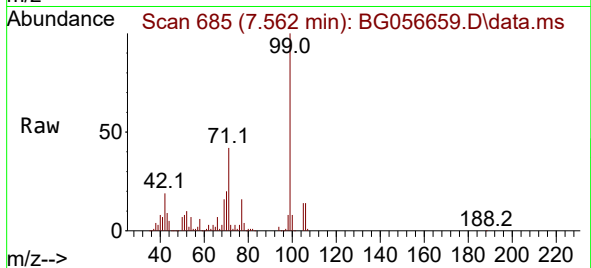




#7
Phenol-d6
Concen: 133.064 ng
RT: 7.562 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

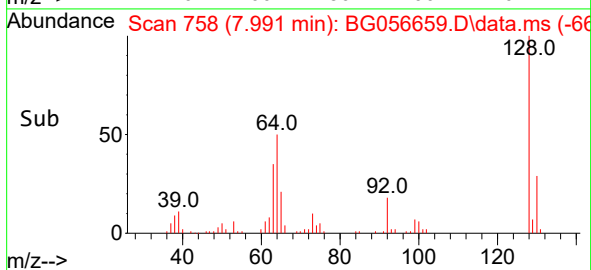
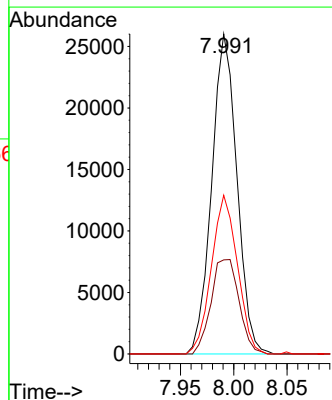
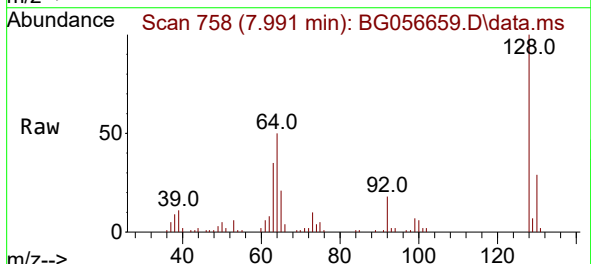
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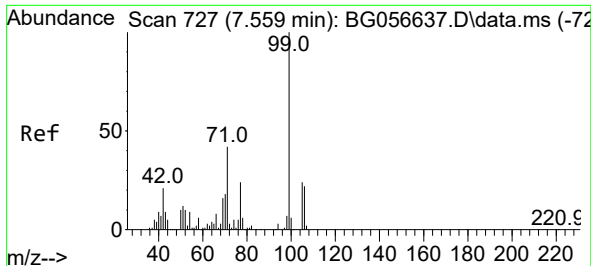
Tgt Ion: 99 Resp: 194191
Ion Ratio Lower Upper
99 100
42 19.3 16.8 25.2
71 42.4 33.9 50.9



#8
2-Chlorophenol
Concen: 43.671 ng
RT: 7.991 min Scan# 758
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 128 Resp: 42689
Ion Ratio Lower Upper
128 100
130 29.4 16.8 56.8
64 49.6 36.3 76.3

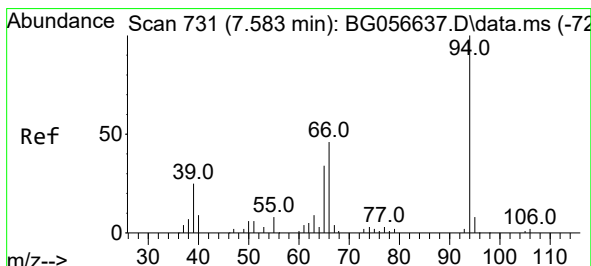
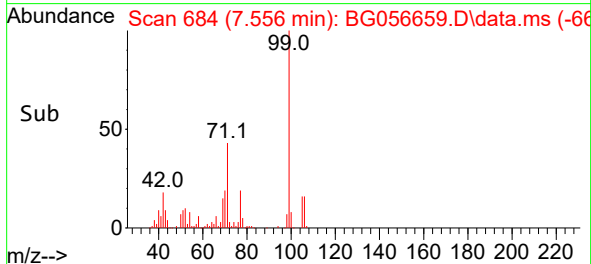
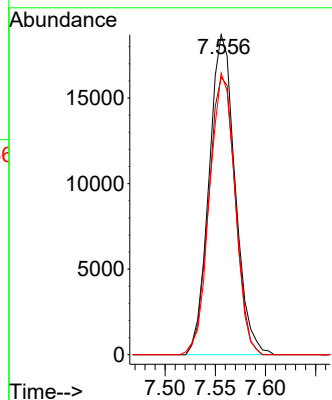
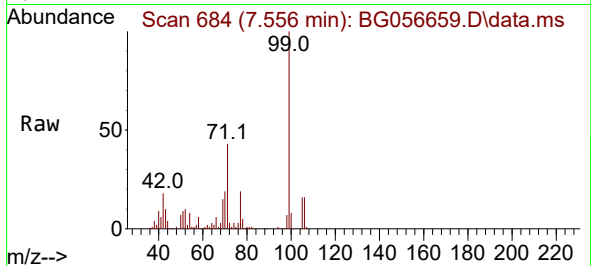




#9
Benzaldehyde
Concen: 43.703 ng
RT: 7.556 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

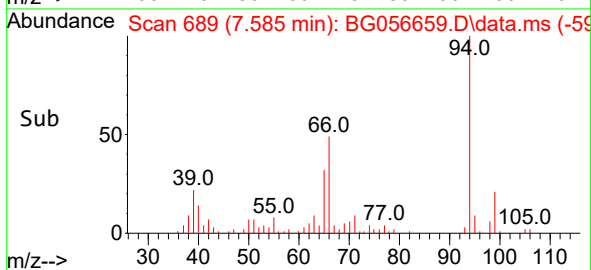
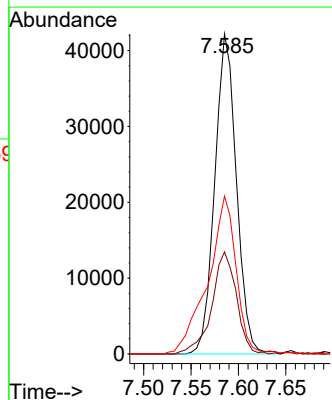
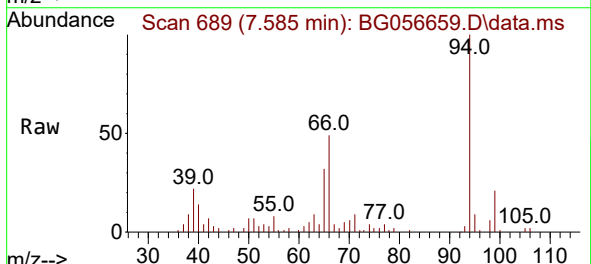
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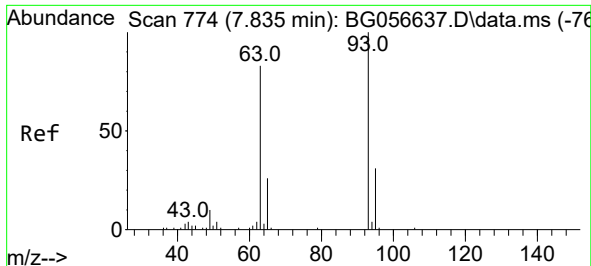
Tgt Ion: 77 Resp: 33729
Ion Ratio Lower Upper
77 100
105 86.7 78.4 118.4
106 87.9 71.3 111.3



#10
Phenol
Concen: 44.954 ng
RT: 7.585 min Scan# 689
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 94 Resp: 67109
Ion Ratio Lower Upper
94 100
65 31.9 14.2 54.2
66 49.4 27.9 67.9

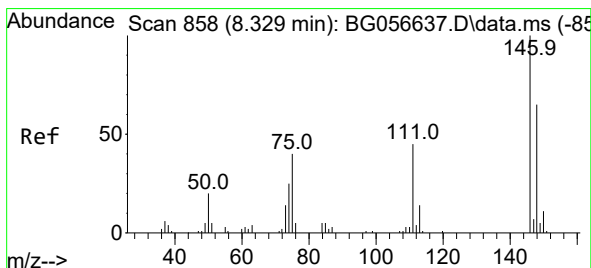
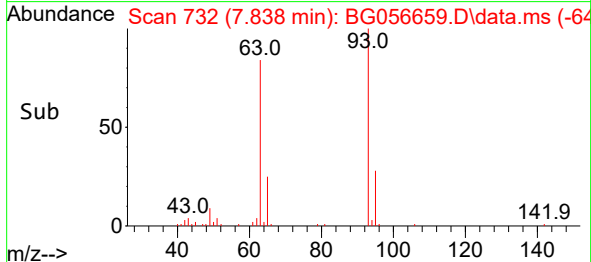
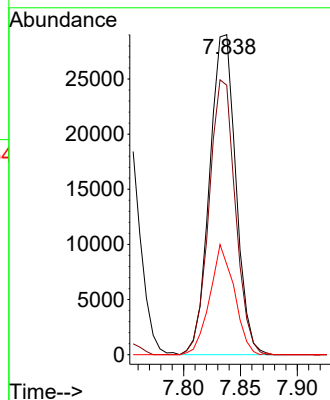
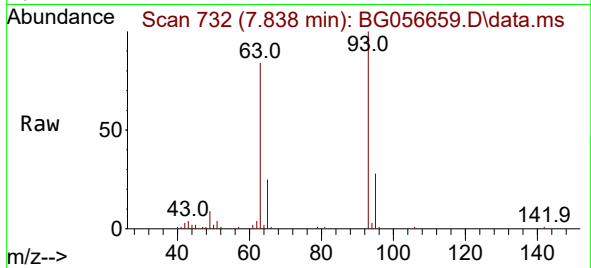




#11
bis(2-Chloroethyl)ether
Concen: 41.728 ng
RT: 7.838 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

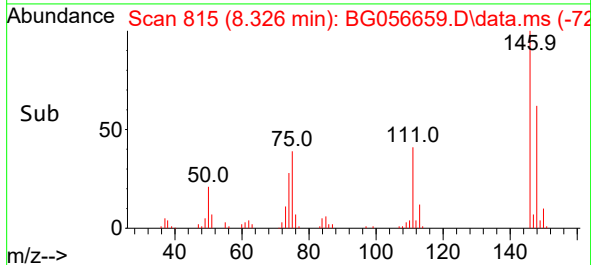
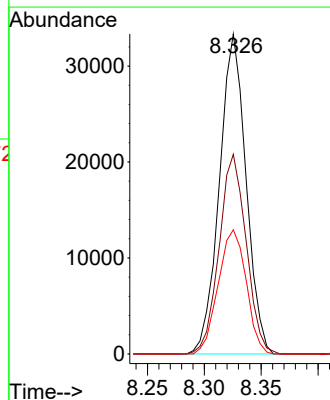
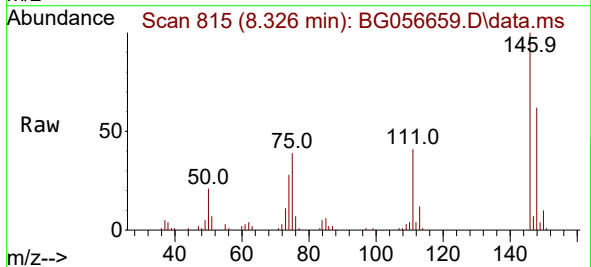
Instrument :
BNA_G
ClientSampleId :
PB150923BS

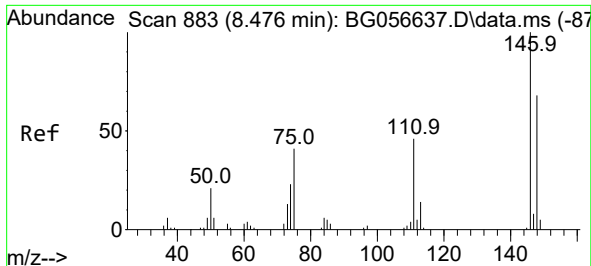
Tgt Ion: 93 Resp: 46740
Ion Ratio Lower Upper
93 100
63 84.2 62.8 102.8
95 28.2 10.8 50.8



#12
1,3-Dichlorobenzene
Concen: 46.640 ng
RT: 8.326 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 146 Resp: 54319
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
75 38.8 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 46.990 ng

RT: 8.472 min Scan# 84

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

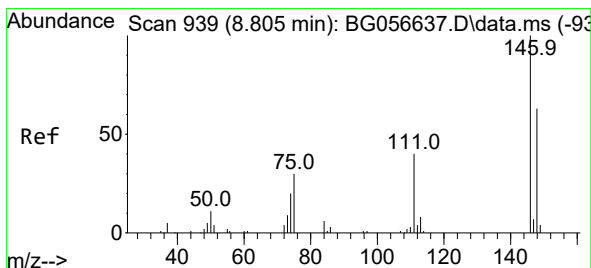
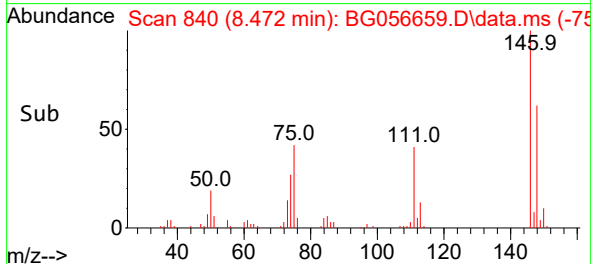
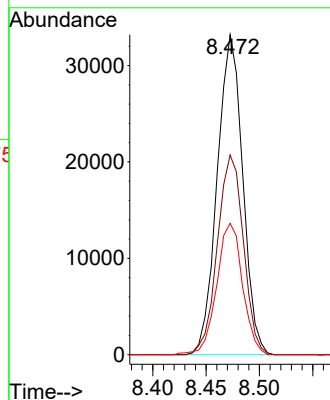
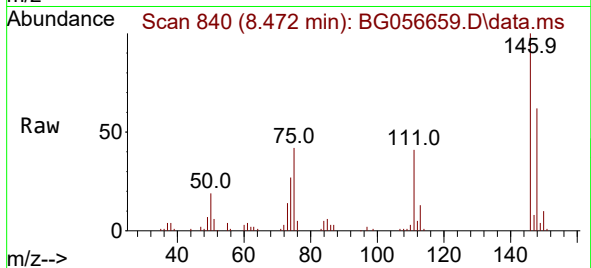
Tgt Ion:146 Resp: 55115

Ion Ratio Lower Upper

146 100

148 62.4 54.5 81.7

111 41.1 37.2 55.8



#14

1,2-Dichlorobenzene

Concen: 46.584 ng

RT: 8.796 min Scan# 895

Delta R.T. -0.009 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

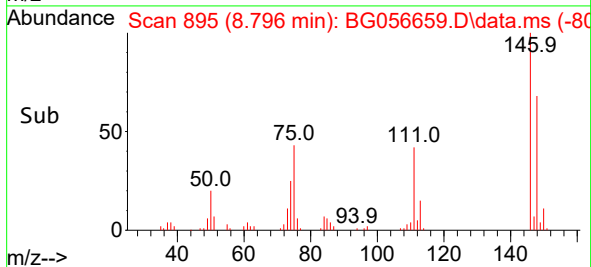
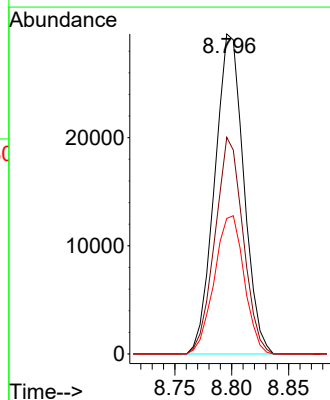
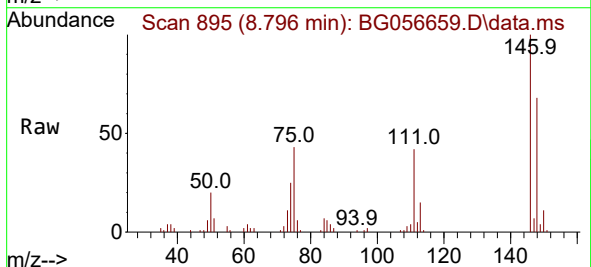
Tgt Ion:146 Resp: 52519

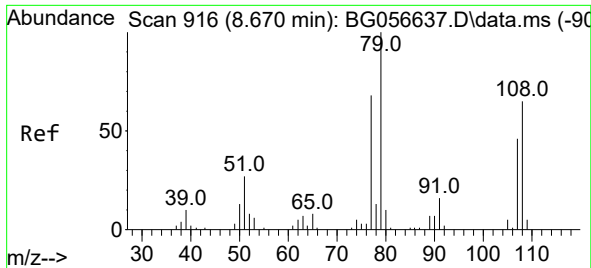
Ion Ratio Lower Upper

146 100

148 67.7 50.7 76.1

111 42.4 33.8 50.6

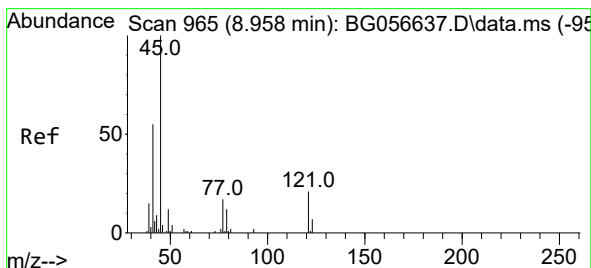
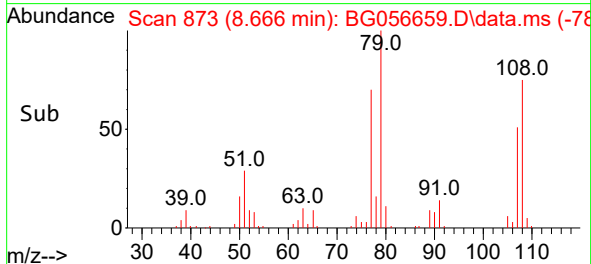
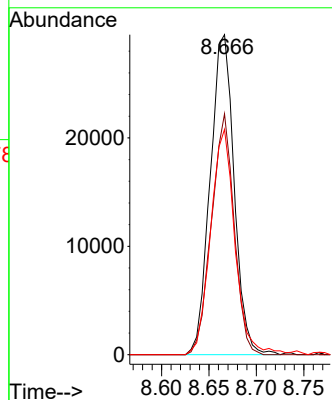
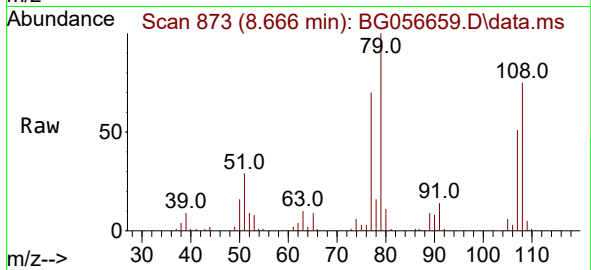




#15
Benzyl Alcohol
Concen: 39.620 ng
RT: 8.666 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

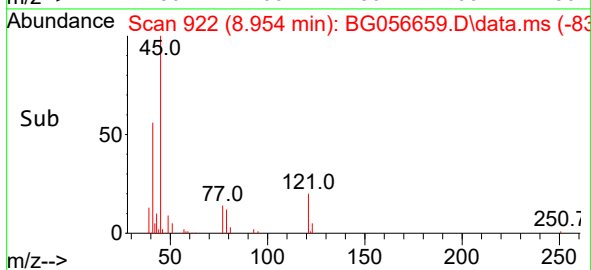
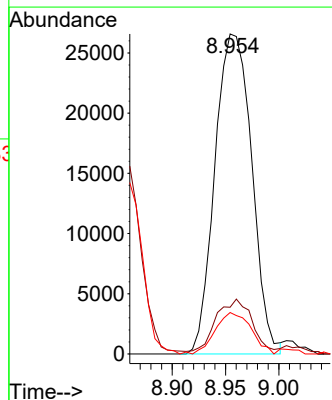
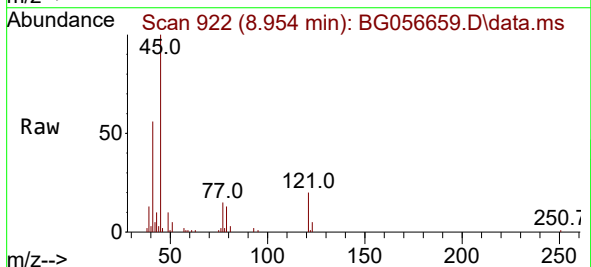
Instrument :
BNA_G
ClientSampleId :
PB150923BS

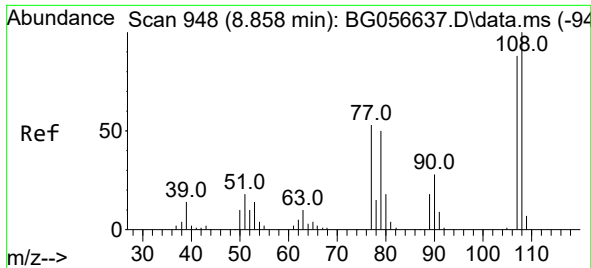
Tgt Ion: 79 Resp: 51773
Ion Ratio Lower Upper
79 100
108 75.3 52.0 78.0
77 70.4 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.524 ng
RT: 8.954 min Scan# 922
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 45 Resp: 63947
Ion Ratio Lower Upper
45 100
77 14.6 0.0 36.5
79 12.9 0.0 31.6

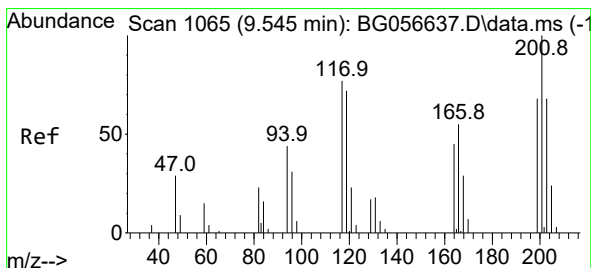
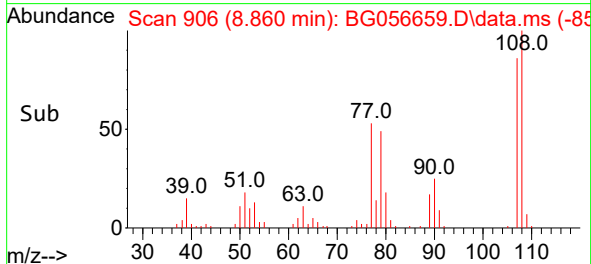
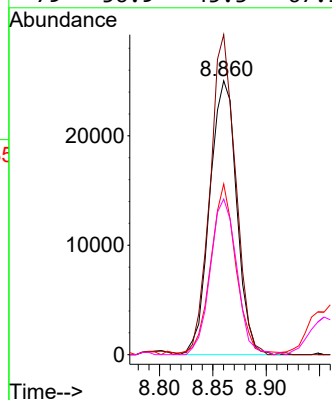
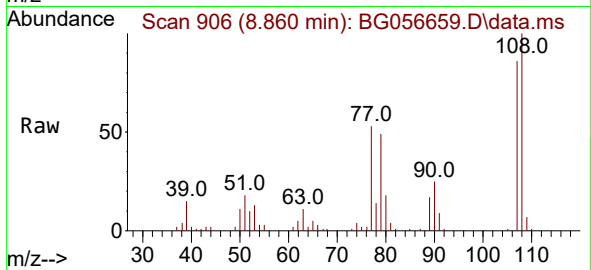




#17
2-Methylphenol
Concen: 41.871 ng
RT: 8.860 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

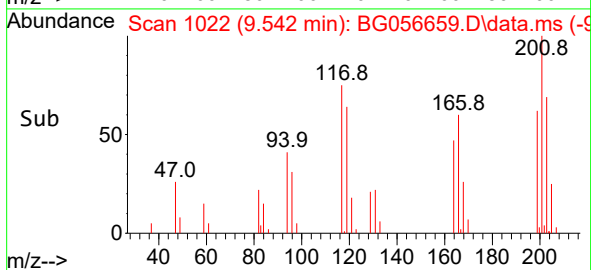
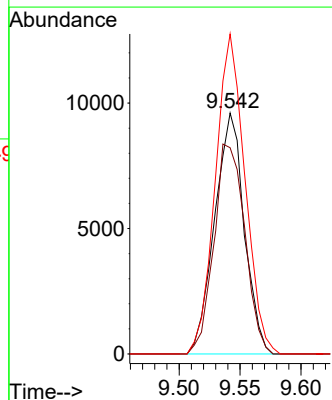
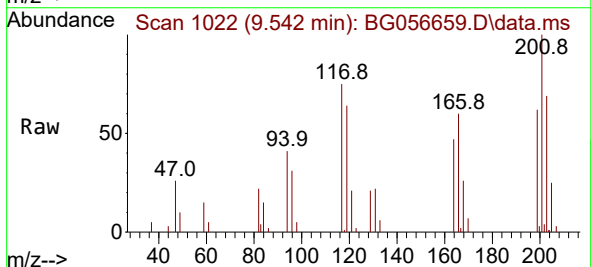
Instrument :
BNA_G
ClientSampleId :
PB150923BS

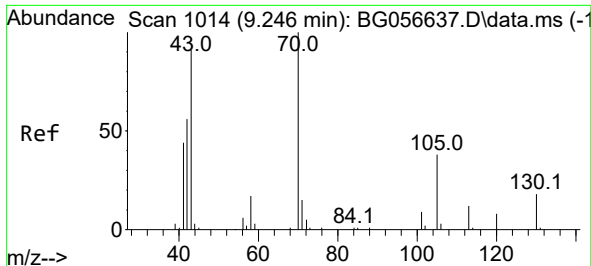
Tgt Ion:	107	Resp:	43927
Ion	Ratio	Lower	Upper
107	100		
108	116.8	91.3	136.9
77	62.3	48.5	72.7
79	56.9	45.3	67.9



#18
Hexachloroethane
Concen: 43.648 ng
RT: 9.542 min Scan# 1022
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:	117	Resp:	16217
Ion	Ratio	Lower	Upper
117	100		
119	85.6	74.1	111.1
201	132.8	106.4	159.6

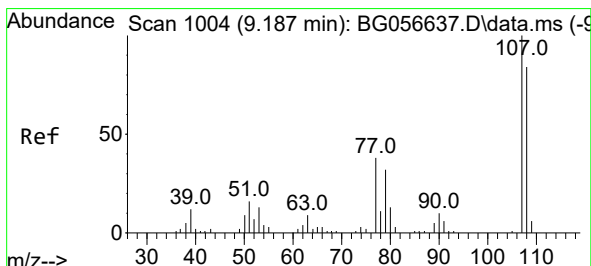
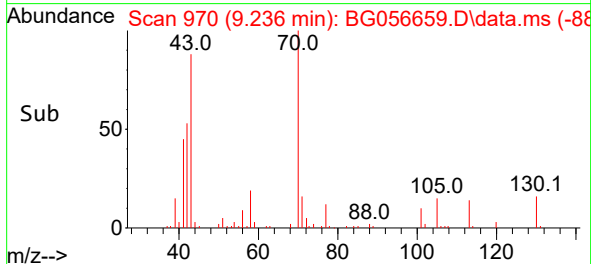
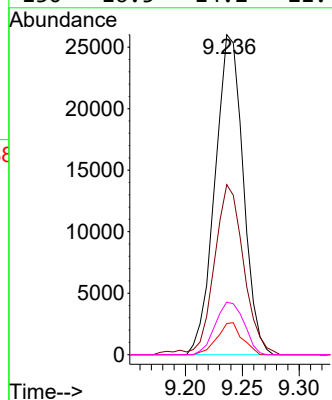
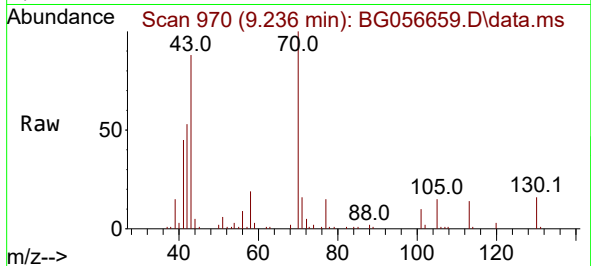




#19
n-Nitroso-di-n-propylamine
Concen: 41.090 ng
RT: 9.236 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

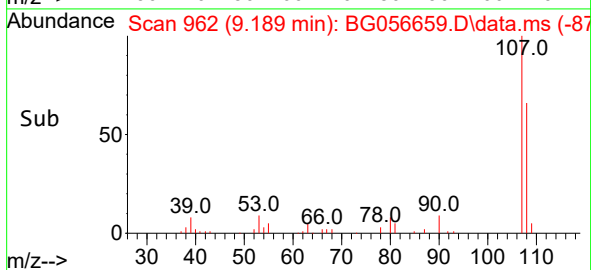
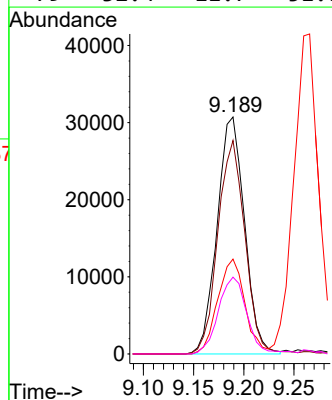
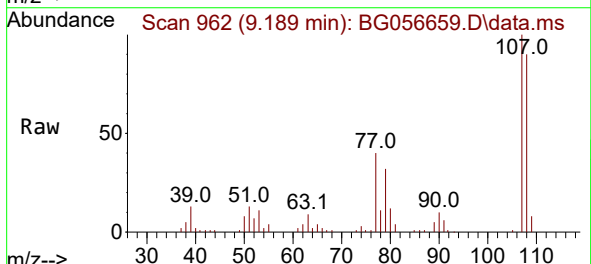
Instrument :
BNA_G
ClientSampleId :
PB150923BS

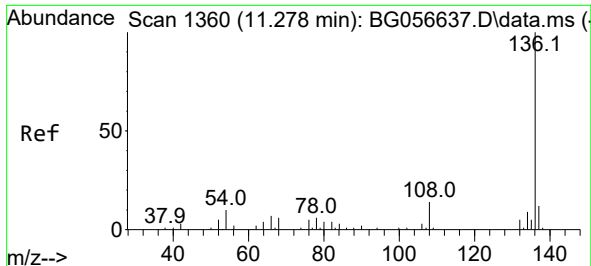
Tgt Ion: 70 Resp: 44893
Ion Ratio Lower Upper
70 100
42 53.2 45.7 68.5
101 9.8 7.4 11.0
130 16.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 40.527 ng
RT: 9.189 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:107 Resp: 58406
Ion Ratio Lower Upper
107 100
108 90.1 64.3 104.3
77 40.0 17.8 57.8
79 32.4 11.7 51.7

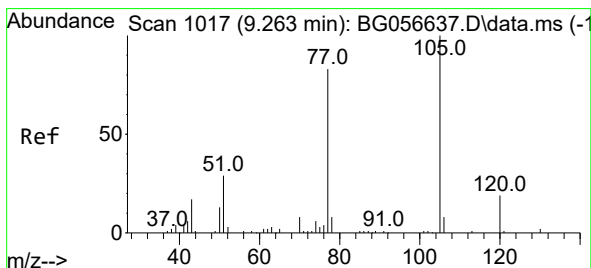
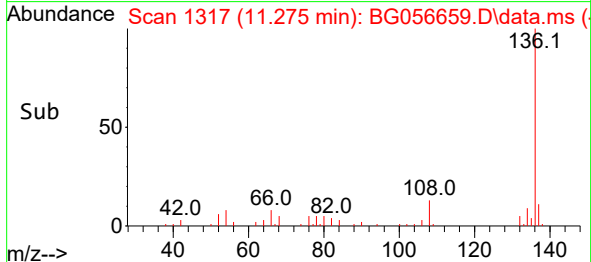
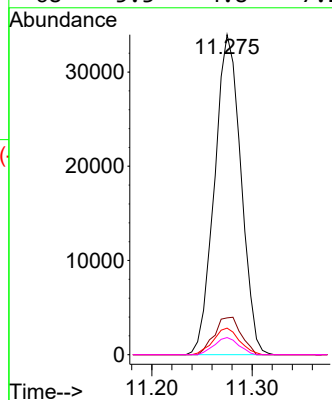
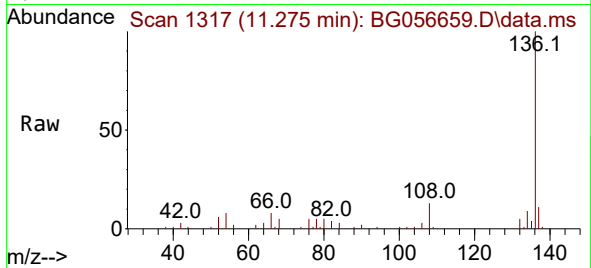




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

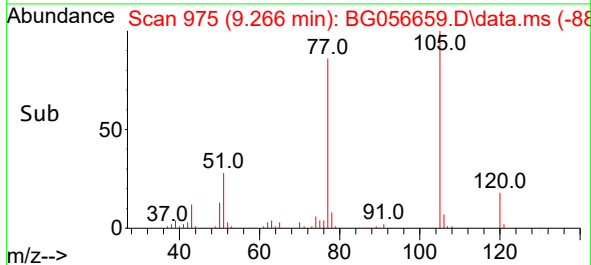
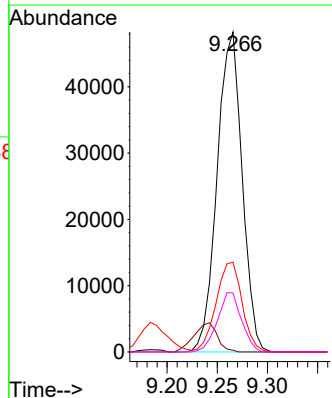
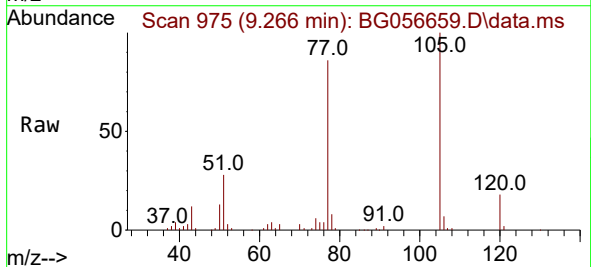
Instrument :
BNA_G
ClientSampleId :
PB150923BS

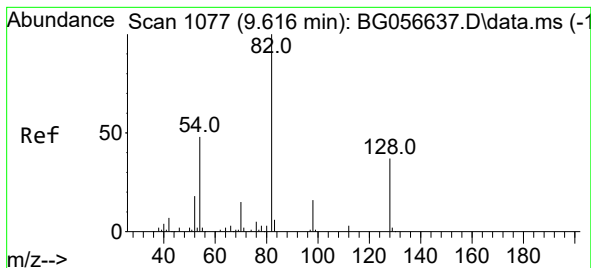
Tgt Ion:136 Resp: 62043
Ion Ratio Lower Upper
136 100
137 11.5 9.7 14.5
54 8.3 7.7 11.5
68 5.3 4.8 7.2



#22
Acetophenone
Concen: 44.082 ng
RT: 9.266 min Scan# 975
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:105 Resp: 83567
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.0#
51 28.0 23.9 35.9
120 18.4 15.1 22.7





#23

Nitrobenzene-d5

Concen: 80.118 ng

RT: 9.612 min Scan# 1077

Delta R.T. -0.004 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

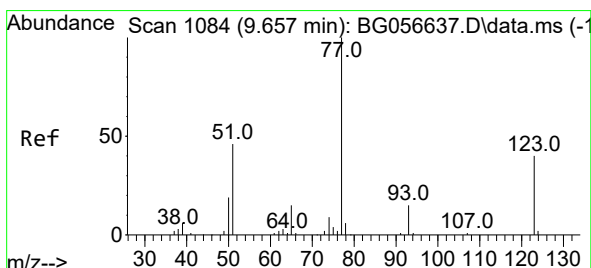
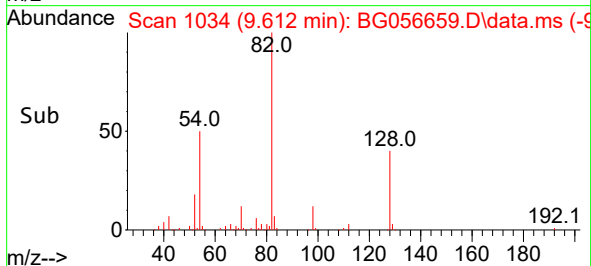
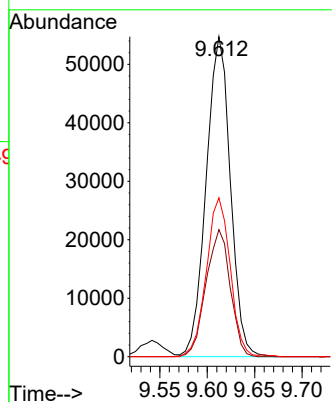
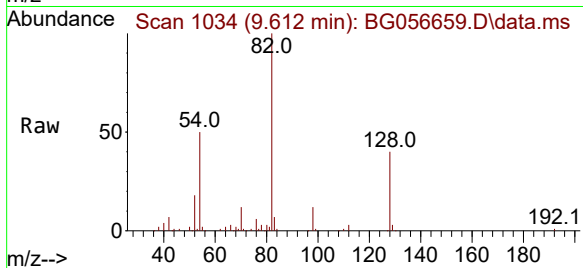
Tgt Ion: 82 Resp: 97083

Ion Ratio Lower Upper

82 100

128 39.7 29.4 44.2

54 49.6 37.8 56.6



#24

Nitrobenzene

Concen: 39.006 ng

RT: 9.653 min Scan# 1041

Delta R.T. -0.004 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

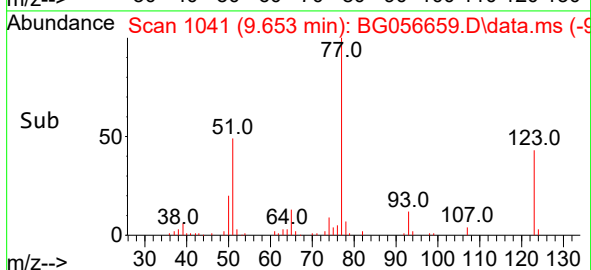
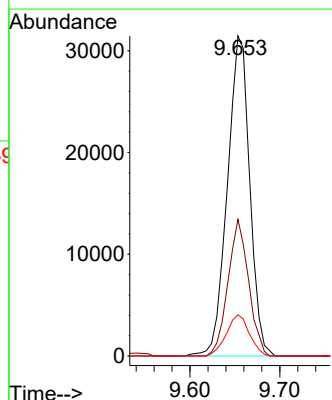
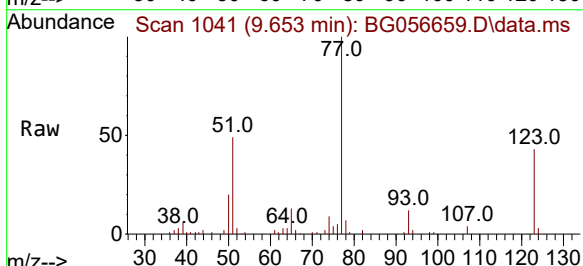
Tgt Ion: 77 Resp: 54300

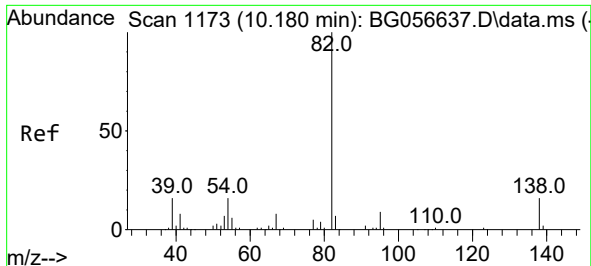
Ion Ratio Lower Upper

77 100

123 42.7 31.8 47.8

65 12.9 12.0 18.0

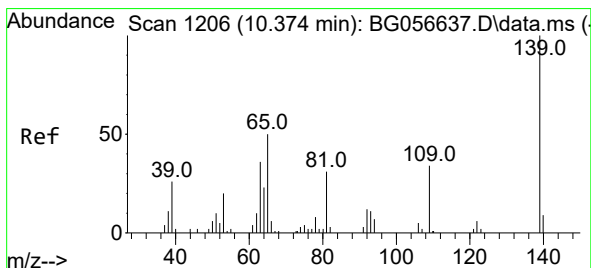
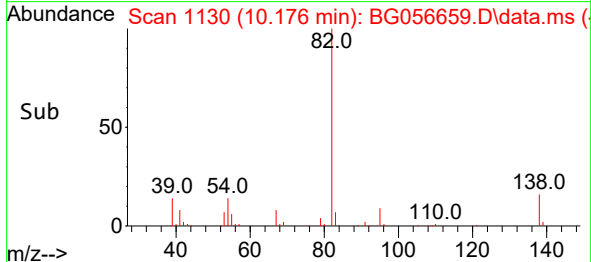
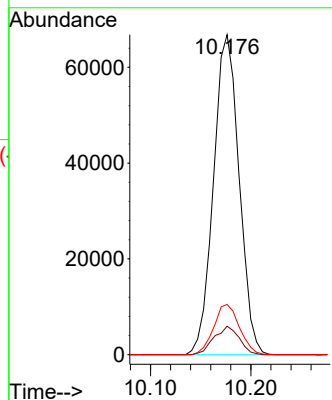
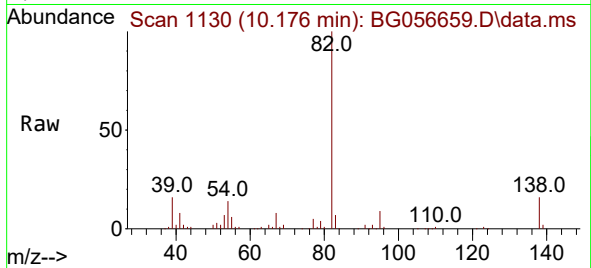




#25
Isophorone
Concen: 40.089 ng
RT: 10.176 min Scan# 1173
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

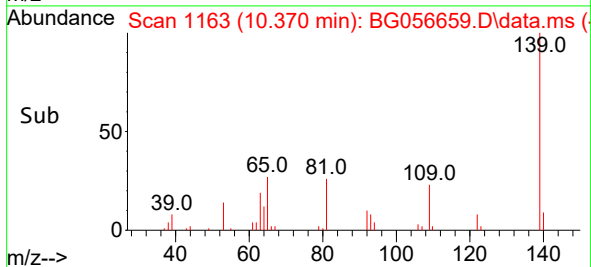
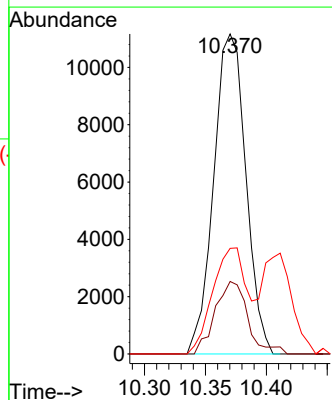
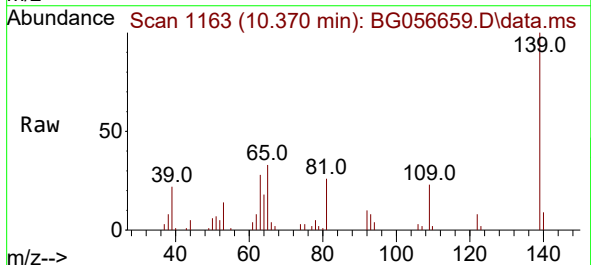
Instrument :
BNA_G
ClientSampleId :
PB150923BS

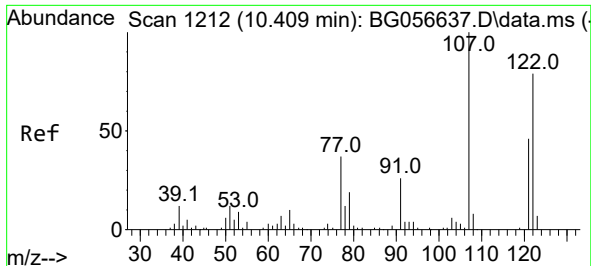
Tgt Ion: 82 Resp: 118226
Ion Ratio Lower Upper
82 100
95 8.9 7.0 10.4
138 15.7 12.9 19.3



#26
2-Nitrophenol
Concen: 41.093 ng
RT: 10.370 min Scan# 1163
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:139 Resp: 20503
Ion Ratio Lower Upper
139 100
109 22.7 27.0 40.6#
65 33.0 40.0 60.0#





#27

2,4-Dimethylphenol

Concen: 44.839 ng

RT: 10.405 min Scan# 1169

Delta R.T. -0.004 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

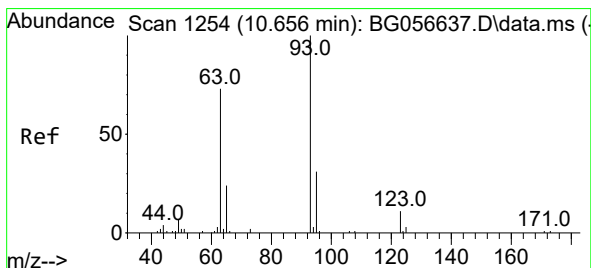
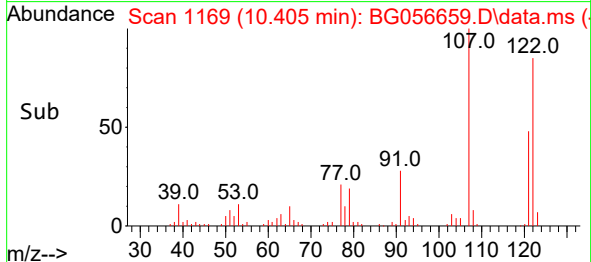
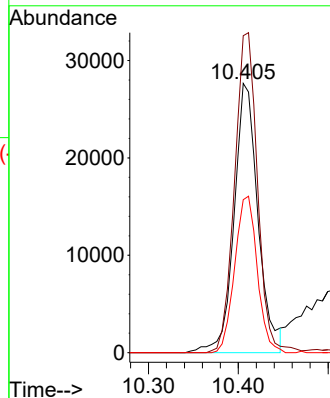
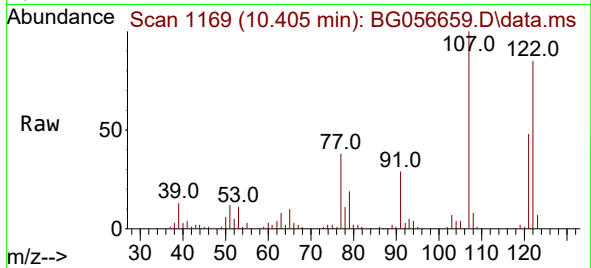
Tgt Ion:122 Resp: 51124

Ion Ratio Lower Upper

122 100

107 117.7 101.6 152.4

121 56.8 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.879 ng

RT: 10.652 min Scan# 1211

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

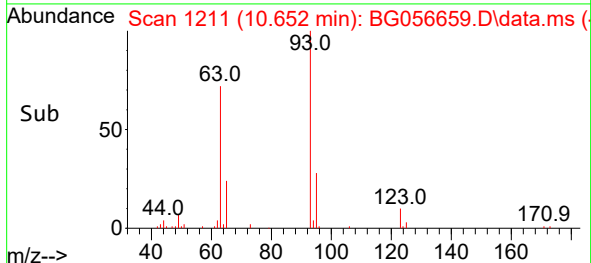
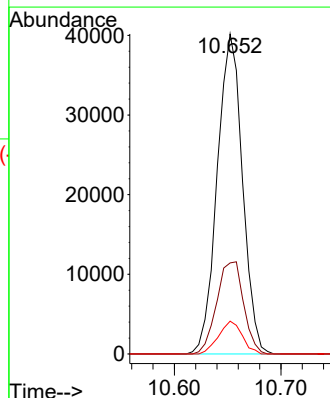
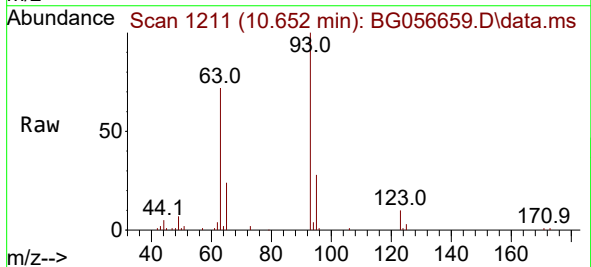
Tgt Ion: 93 Resp: 65947

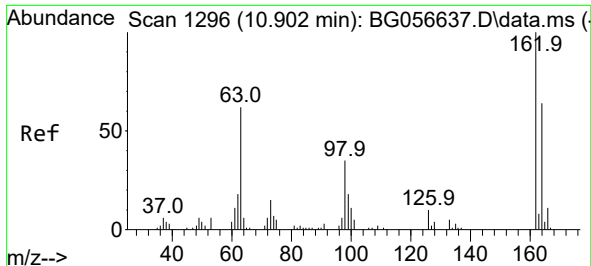
Ion Ratio Lower Upper

93 100

95 28.5 24.5 36.7

123 10.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 44.719 ng

RT: 10.905 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

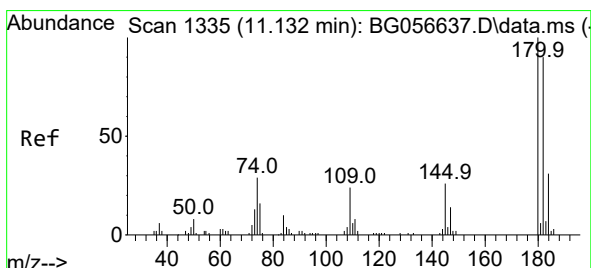
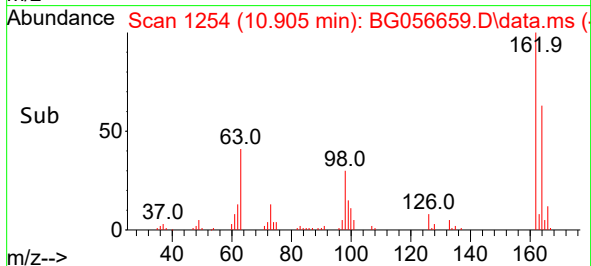
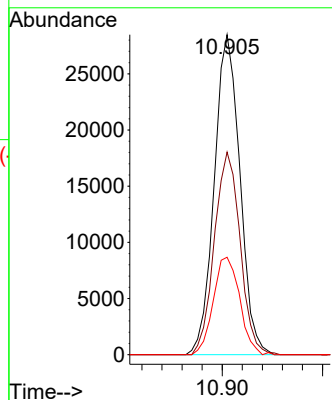
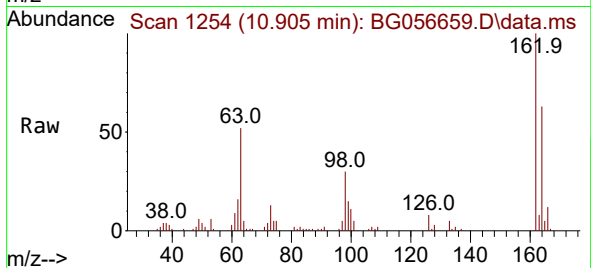
Tgt Ion:162 Resp: 50534

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

98 30.4 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 45.856 ng

RT: 11.128 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

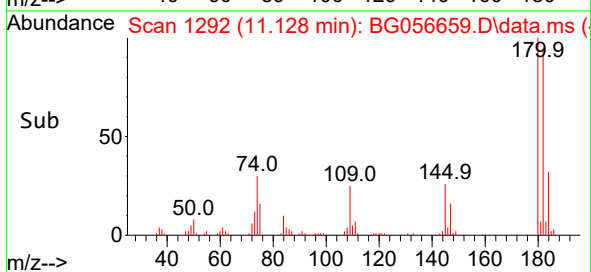
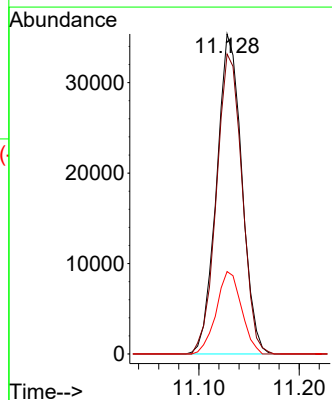
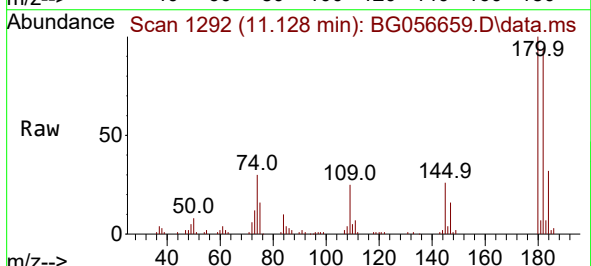
Tgt Ion:180 Resp: 61728

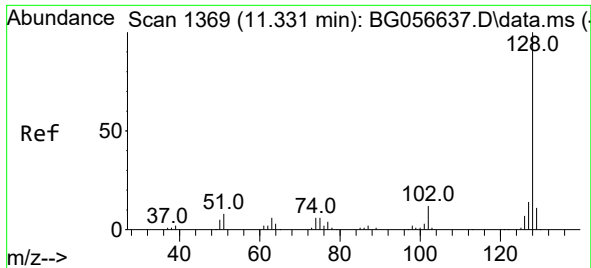
Ion Ratio Lower Upper

180 100

182 93.7 71.7 107.5

145 25.7 20.6 30.8

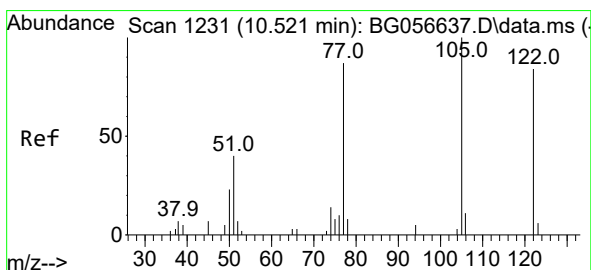
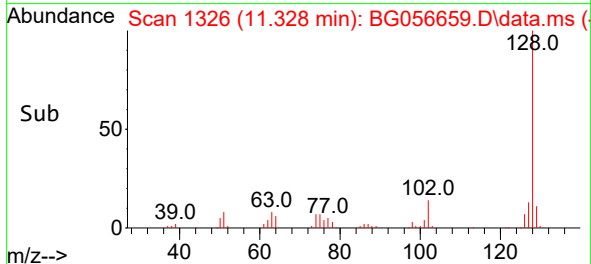
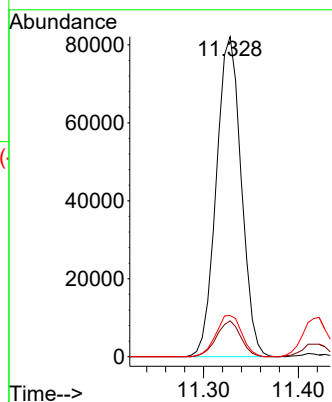
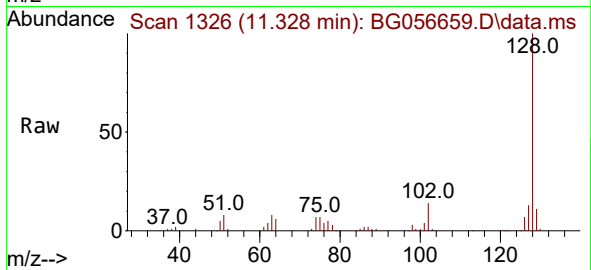




#31
Naphthalene
Concen: 43.615 ng
RT: 11.328 min Scan# 1189
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

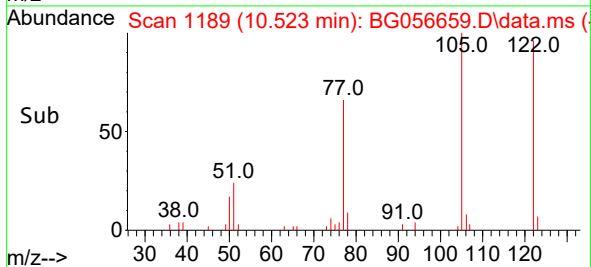
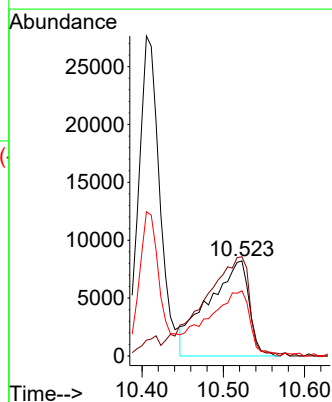
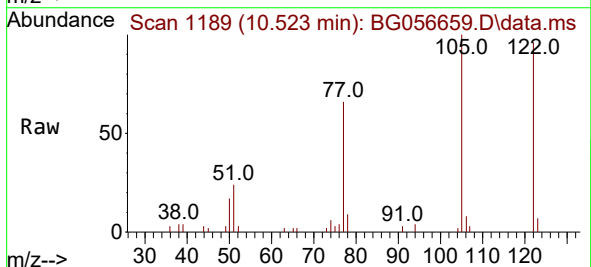
Instrument :
BNA_G
ClientSampleId :
PB150923BS

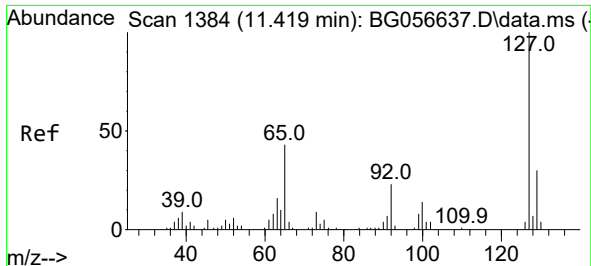
Tgt Ion:128 Resp: 149974
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 38.878 ng
RT: 10.523 min Scan# 1189
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

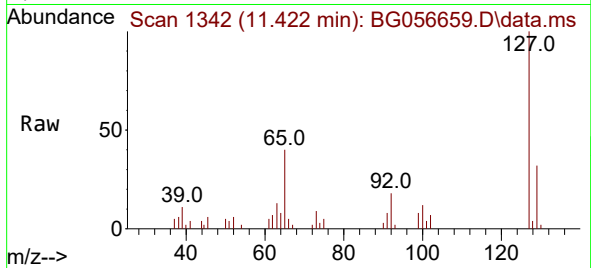
Tgt Ion:122 Resp: 28570
Ion Ratio Lower Upper
122 100
105 104.5 100.5 140.5
77 68.6 80.8 120.8#



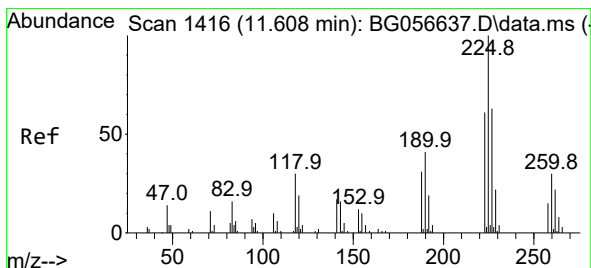
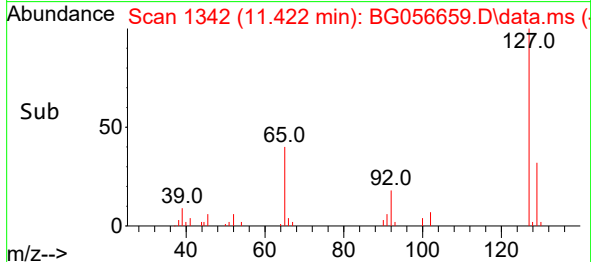
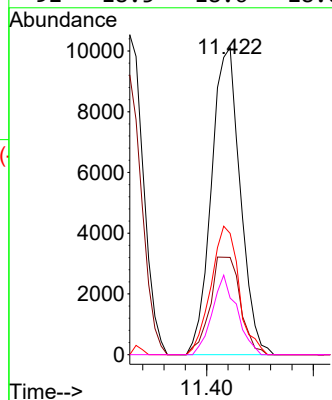


#33
4-Chloroaniline
Concen: 12.078 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Instrument :
BNA_G
ClientSampleId :
PB150923BS

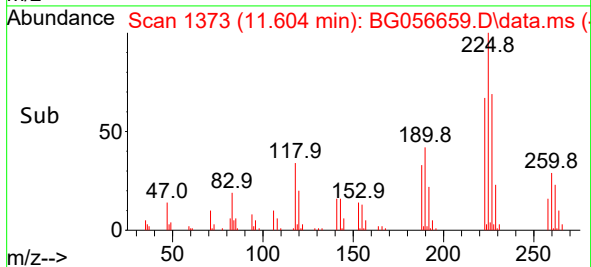
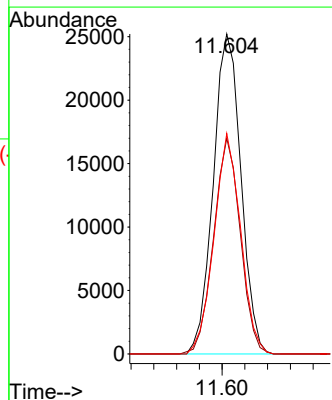
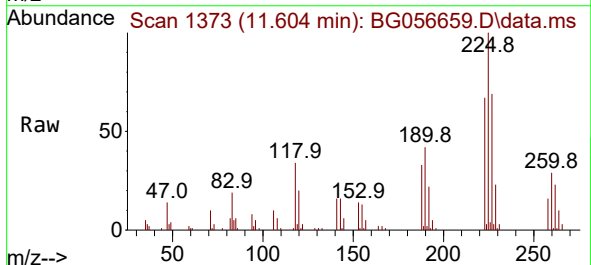


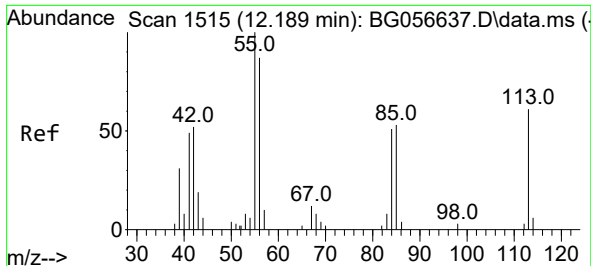
Tgt Ion:127 Resp: 18974
Ion Ratio Lower Upper
127 100
129 31.7 24.1 36.1
65 39.5 34.3 51.5
92 18.5 18.6 28.0#



#34
Hexachlorobutadiene
Concen: 44.325 ng
RT: 11.604 min Scan# 1373
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:225 Resp: 42640
Ion Ratio Lower Upper
225 100
223 67.4 48.5 72.7
227 68.9 50.2 75.4

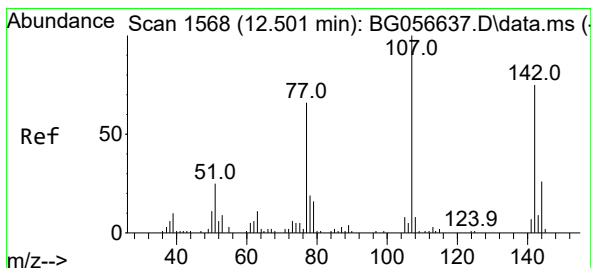
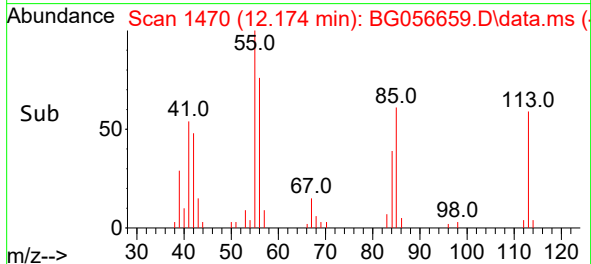
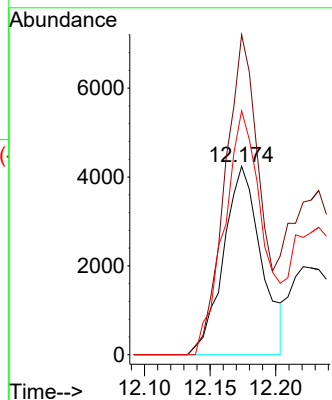
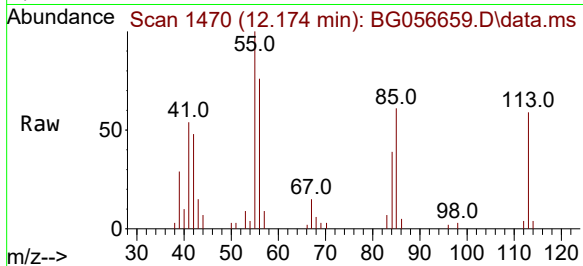




#35
 Caprolactam
 Concen: 23.406 ng
 RT: 12.174 min Scan# 14
 Delta R.T. -0.015 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

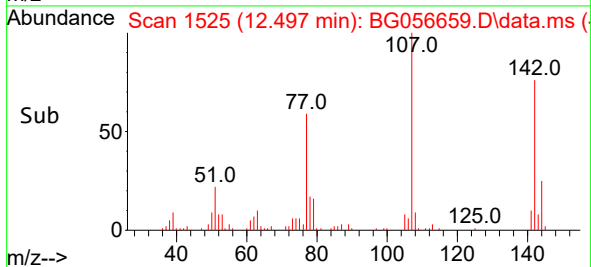
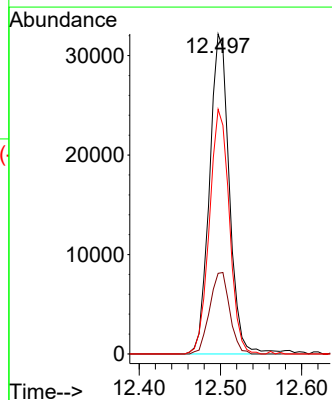
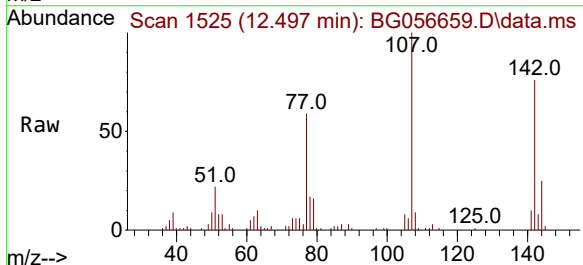
Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

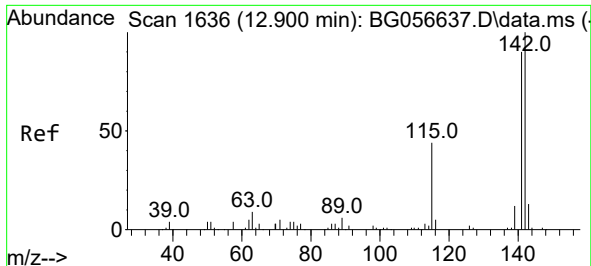
Tgt Ion:113 Resp: 8507
 Ion Ratio Lower Upper
 113 100
 55 169.9 145.0 185.0
 56 129.5 122.9 162.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.727 ng
 RT: 12.497 min Scan# 1525
 Delta R.T. -0.003 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

Tgt Ion:107 Resp: 54491
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.0 31.4
 142 76.5 60.1 90.1





#37

2-Methylnaphthalene

Concen: 41.279 ng

RT: 12.897 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

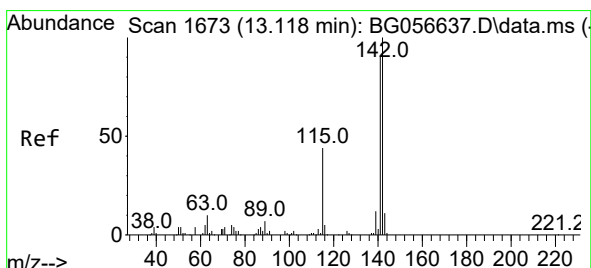
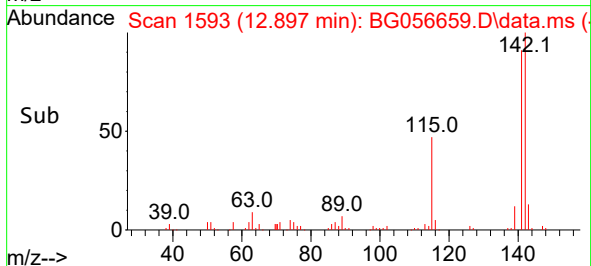
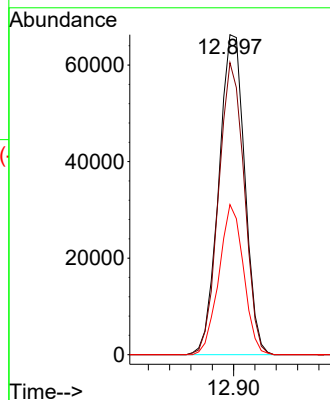
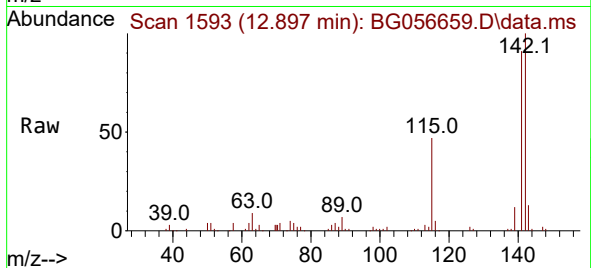
Tgt Ion:142 Resp: 112072

Ion Ratio Lower Upper

142 100

141 91.3 71.9 107.9

115 46.9 35.1 52.7



#38

1-Methylnaphthalene

Concen: 41.130 ng

RT: 13.114 min Scan# 1630

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

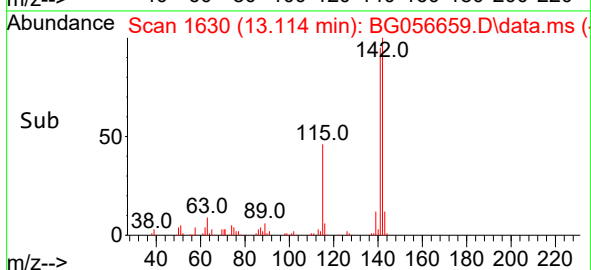
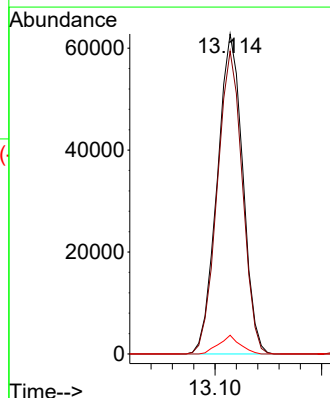
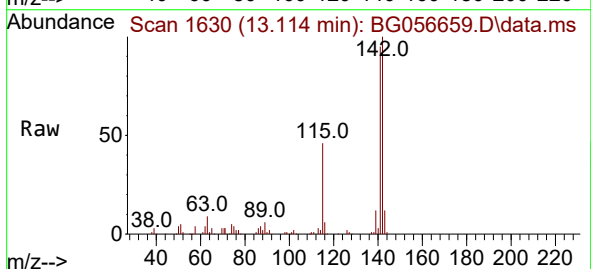
Tgt Ion:142 Resp: 104201

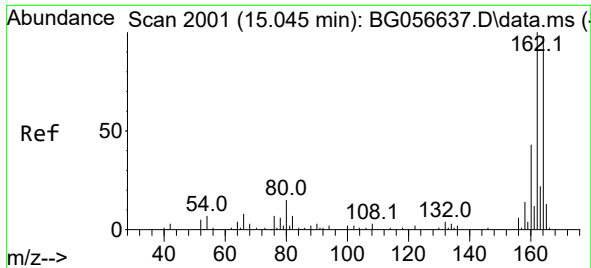
Ion Ratio Lower Upper

142 100

141 94.7 72.7 109.1

116 5.8 4.2 6.4





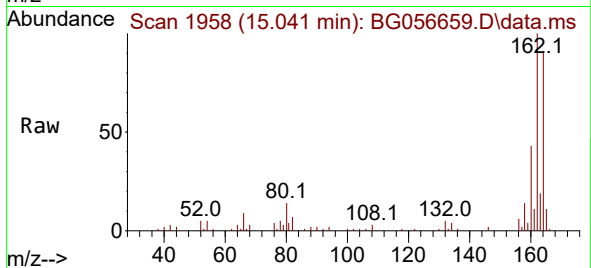
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.041 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Instrument :

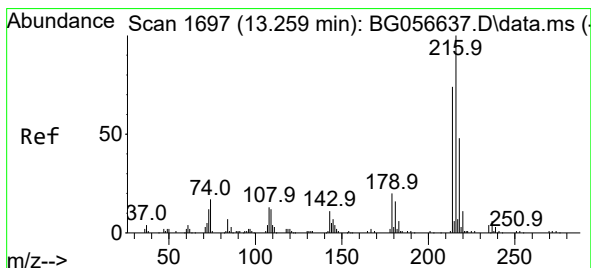
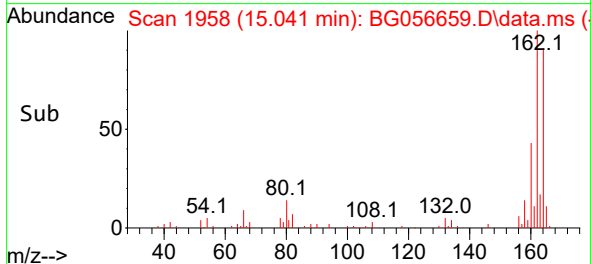
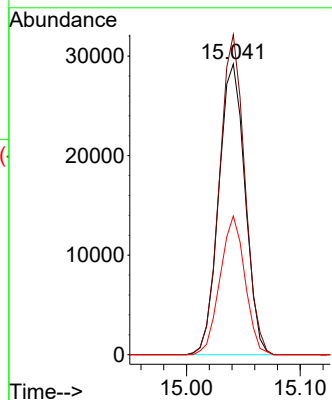
BNA_G

ClientSampleId :

PB150923BS

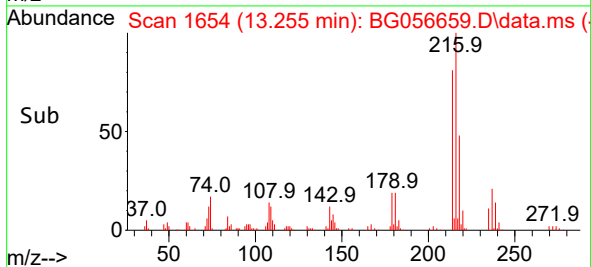
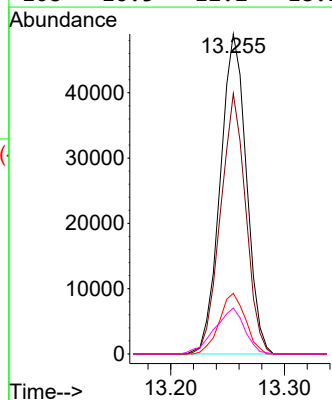
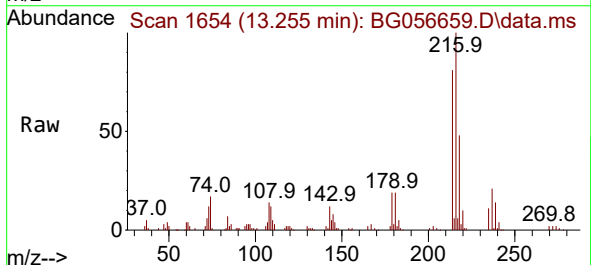


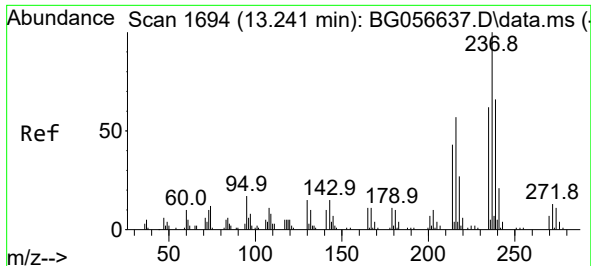
Tgt Ion:164 Resp: 46844
Ion Ratio Lower Upper
164 100
162 110.1 81.3 121.9
160 47.7 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.900 ng
RT: 13.255 min Scan# 1654
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

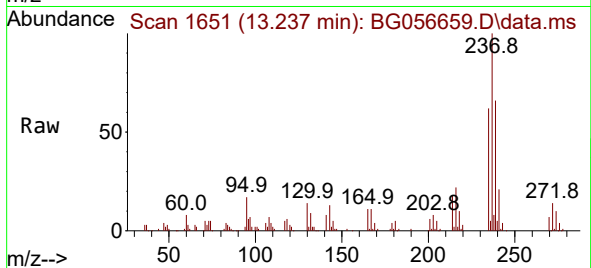
Tgt Ion:216 Resp: 78189
Ion Ratio Lower Upper
216 100
214 78.3 61.8 92.8
179 18.9 15.1 22.7
108 16.5 12.2 18.2



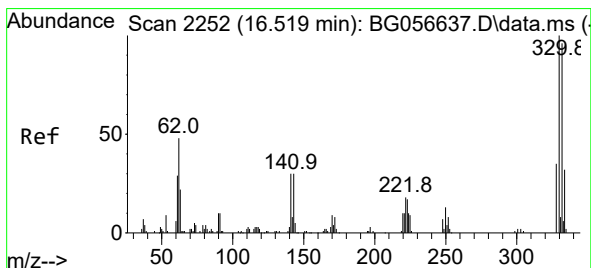
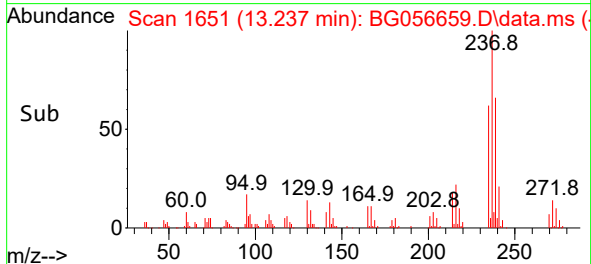
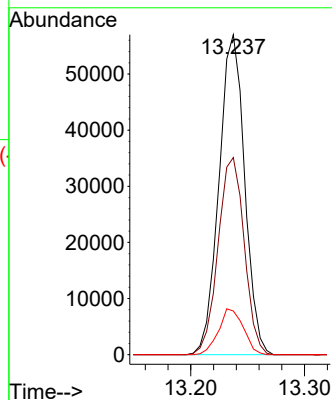


#41
Hexachlorocyclopentadiene
Concen: 94.500 ng
RT: 13.237 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Instrument :
BNA_G
ClientSampleId :
PB150923BS

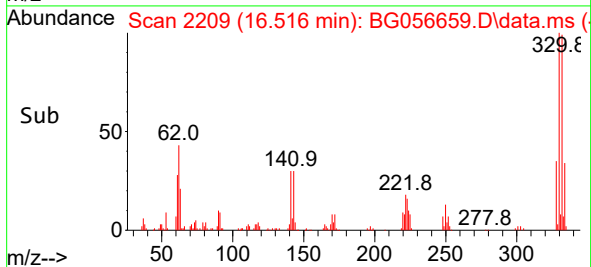
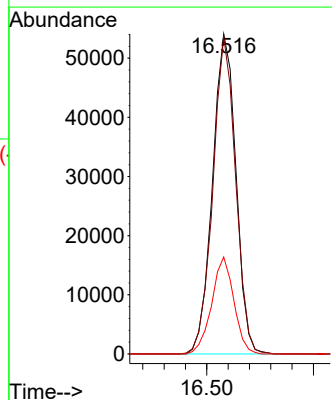
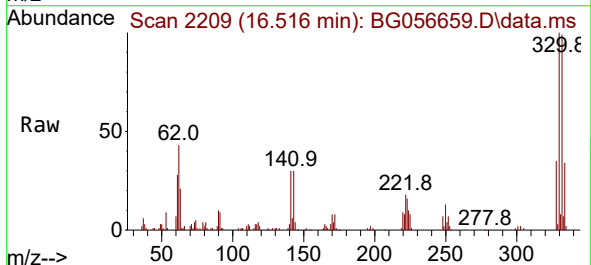


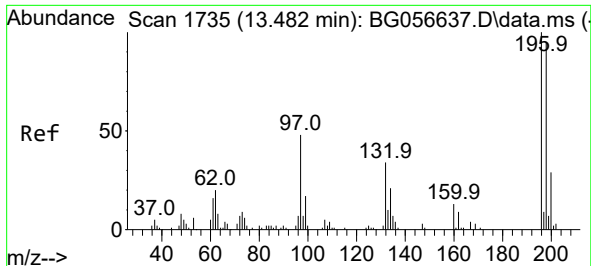
Tgt Ion:237 Resp: 89256
Ion Ratio Lower Upper
237 100
235 61.6 41.6 81.6
272 13.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 128.161 ng
RT: 16.516 min Scan# 2209
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:330 Resp: 82196
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 28.7 24.6 37.0

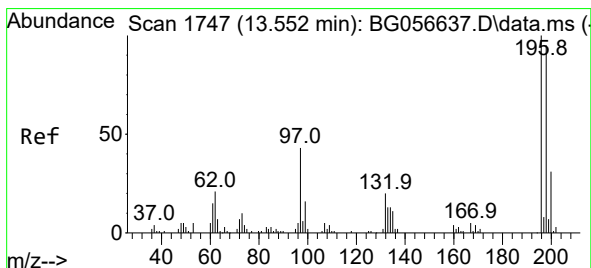
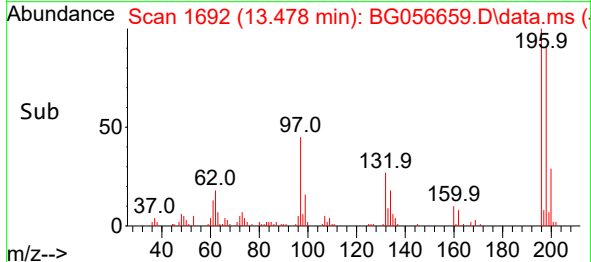
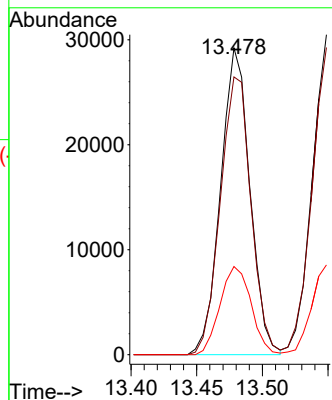
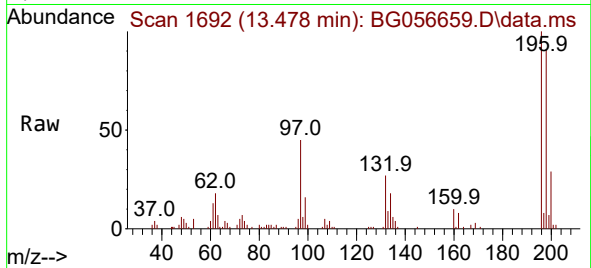




#43
 2,4,6-Trichlorophenol
 Concen: 42.891 ng
 RT: 13.478 min Scan# 1705
 Delta R.T. -0.003 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

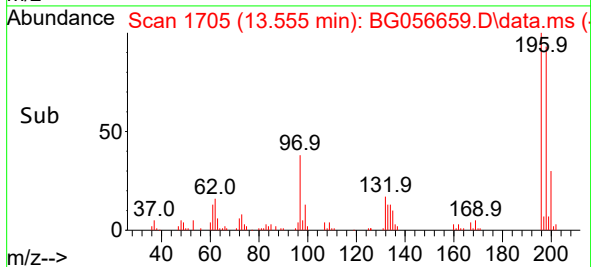
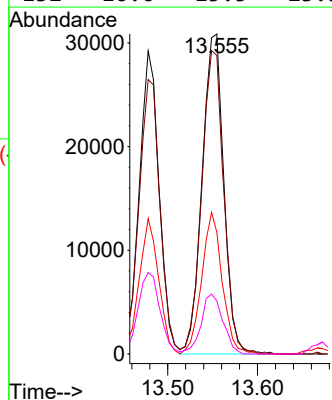
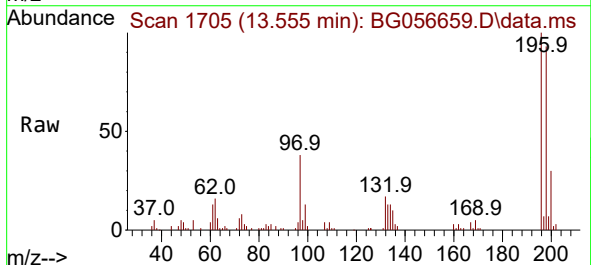
Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

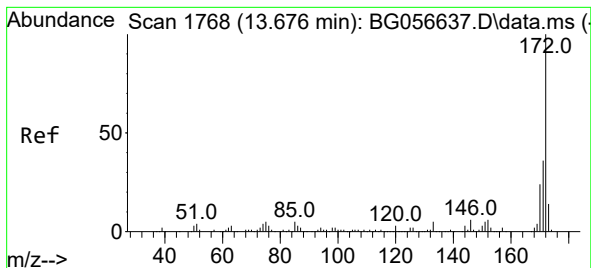
Tgt Ion:196 Resp: 45317
 Ion Ratio Lower Upper
 196 100
 198 90.6 76.2 114.2
 200 28.7 23.2 34.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.793 ng
 RT: 13.555 min Scan# 1705
 Delta R.T. 0.002 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

Tgt Ion:196 Resp: 51656
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.4
 97 38.1 34.9 52.3
 132 16.6 15.5 23.3





#45

2-Fluorobiphenyl

Concen: 87.019 ng

RT: 13.672 min Scan# 1761

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

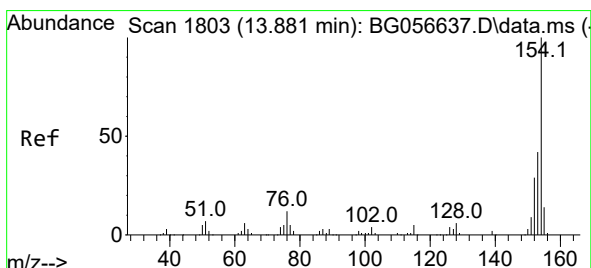
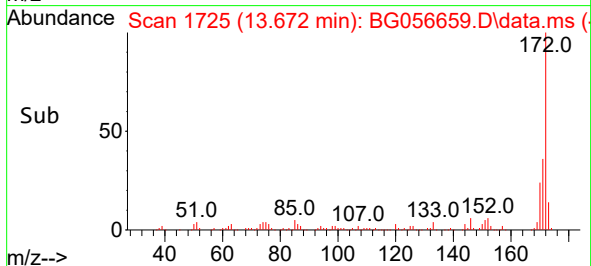
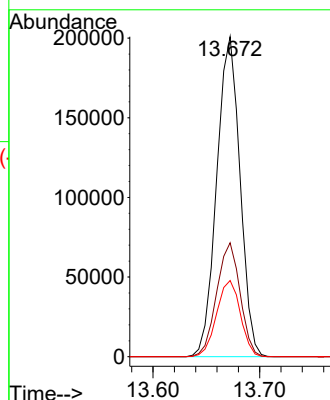
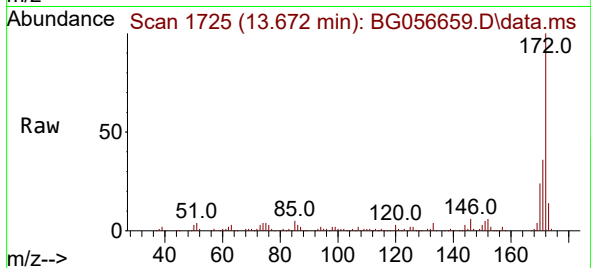
Tgt Ion:172 Resp: 304415

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 44.313 ng

RT: 13.884 min Scan# 1761

Delta R.T. 0.002 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

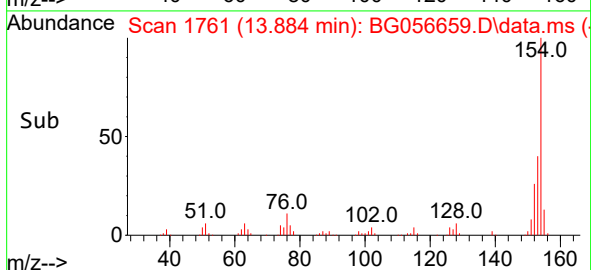
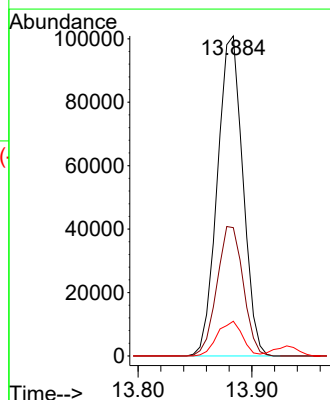
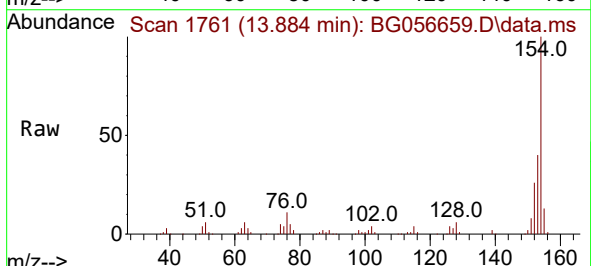
Tgt Ion:154 Resp: 157245

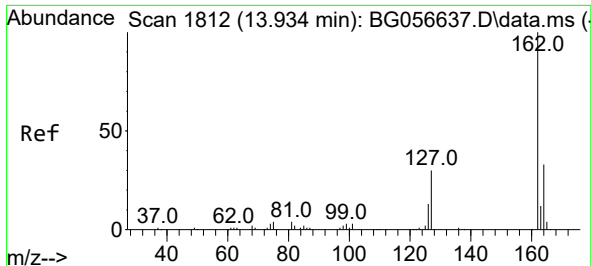
Ion Ratio Lower Upper

154 100

153 40.1 21.9 61.9

76 10.8 0.0 31.9

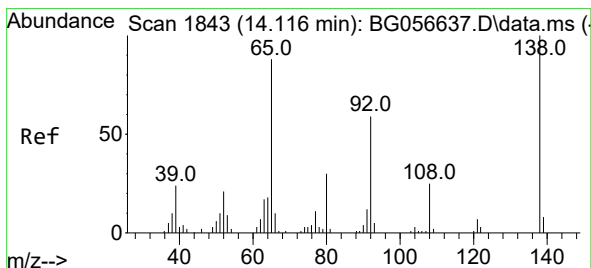
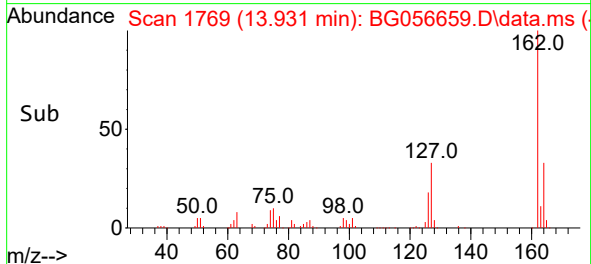
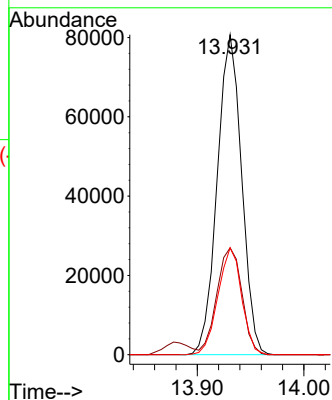
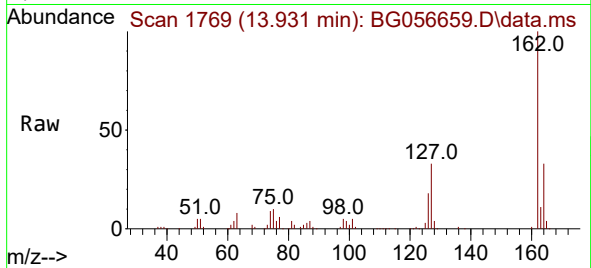




#47
2-Chloronaphthalene
Concen: 45.642 ng
RT: 13.931 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

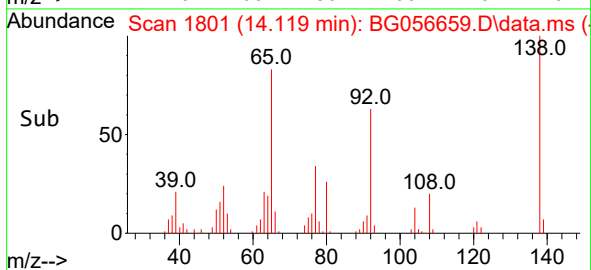
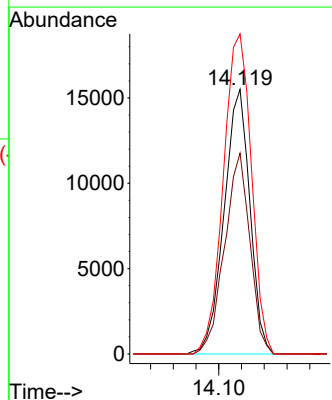
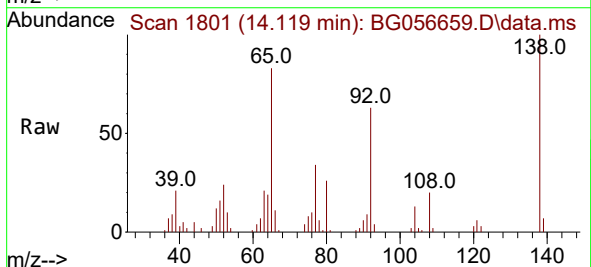
Instrument :
BNA_G
ClientSampleId :
PB150923BS

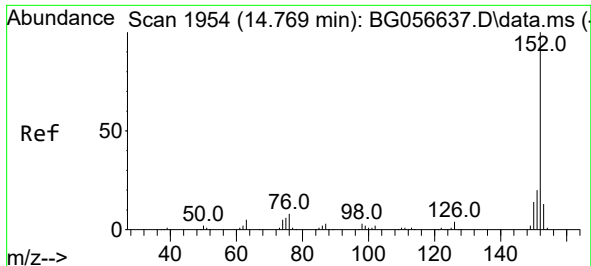
Tgt Ion:162 Resp: 128165
Ion Ratio Lower Upper
162 100
127 33.4 27.5 41.3
164 33.4 26.5 39.7



#48
2-Nitroaniline
Concen: 31.885 ng
RT: 14.119 min Scan# 1801
Delta R.T. 0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 65 Resp: 24465
Ion Ratio Lower Upper
65 100
92 75.9 53.8 80.6
138 120.9 90.6 135.8

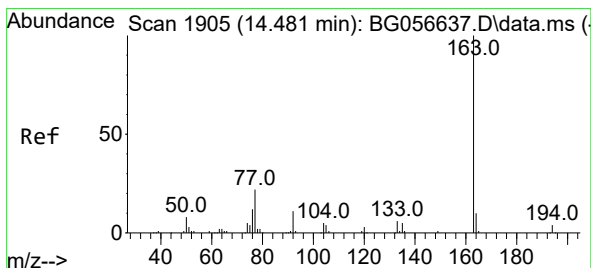
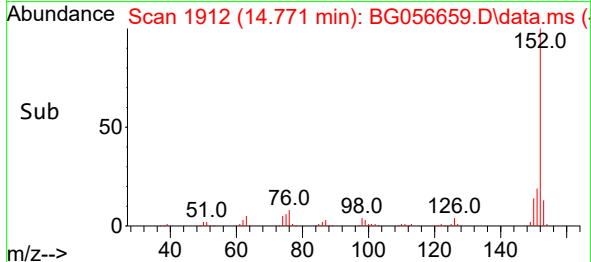
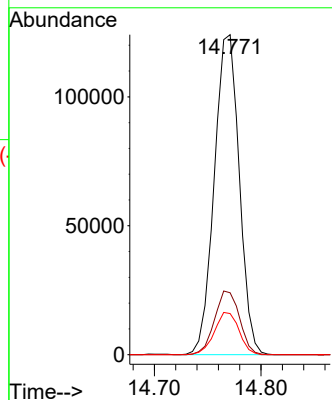
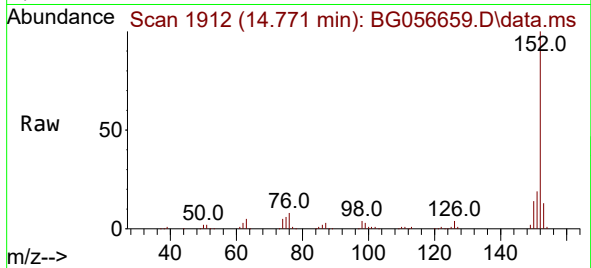




#49
Acenaphthylene
Concen: 44.182 ng
RT: 14.771 min Scan# 1862
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

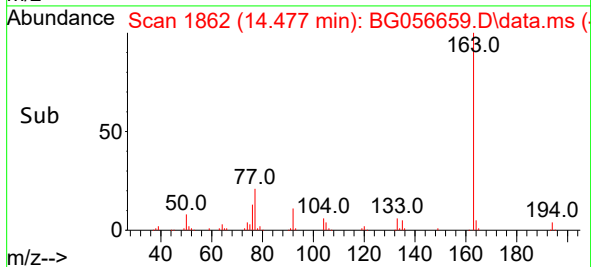
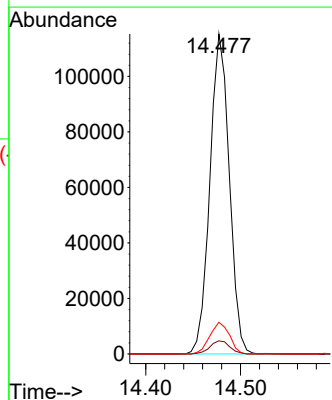
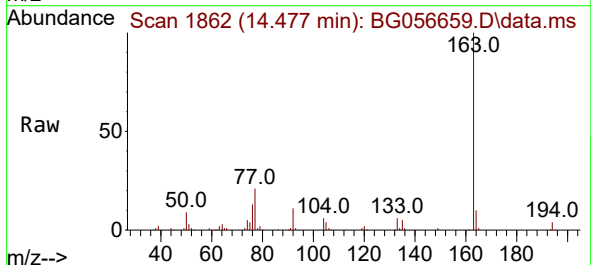
Instrument :
BNA_G
ClientSampleId :
PB150923BS

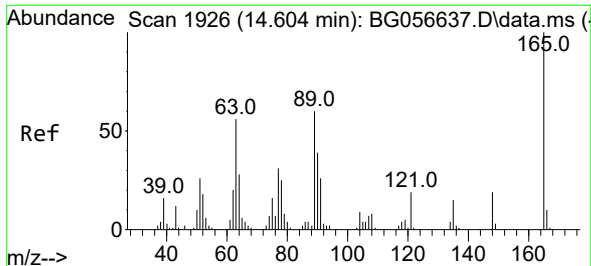
Tgt Ion:152 Resp: 201587
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 12.8 10.3 15.5



#50
Dimethylphthalate
Concen: 42.244 ng
RT: 14.477 min Scan# 1862
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:163 Resp: 163587
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.2 12.2

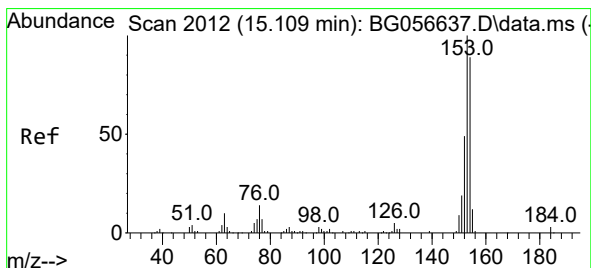
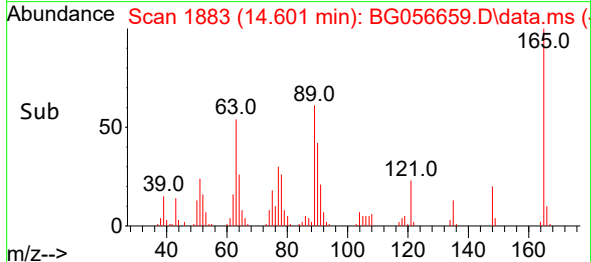
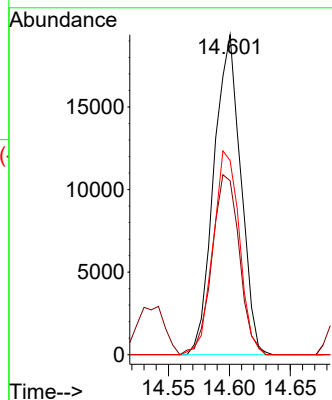
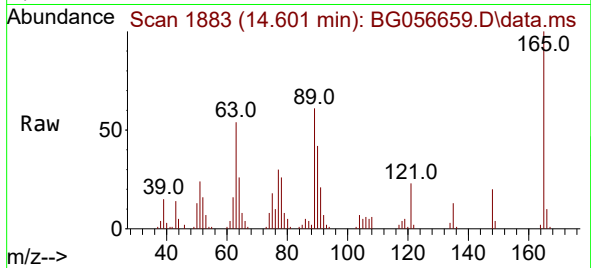




#51
2,6-Dinitrotoluene
Concen: 39.728 ng
RT: 14.601 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

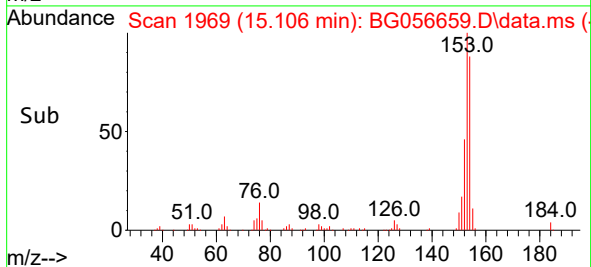
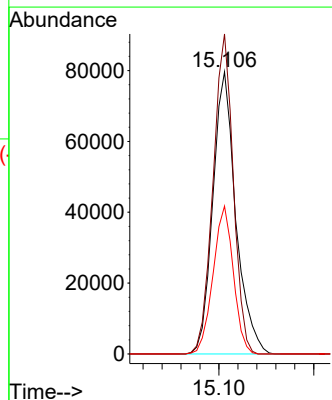
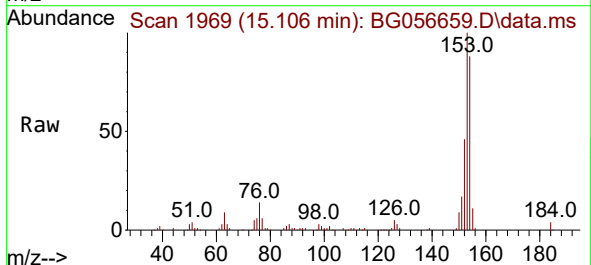
Instrument :
BNA_G
ClientSampleId :
PB150923BS

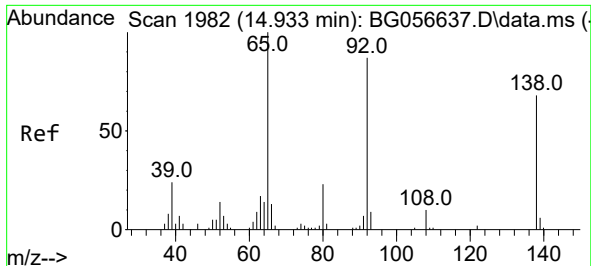
Tgt Ion:165 Resp: 29596
Ion Ratio Lower Upper
165 100
63 54.4 45.8 68.8
89 60.7 48.2 72.2



#52
Acenaphthene
Concen: 47.589 ng
RT: 15.106 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:154 Resp: 133937
Ion Ratio Lower Upper
154 100
153 113.4 89.5 134.3
152 52.4 43.7 65.5

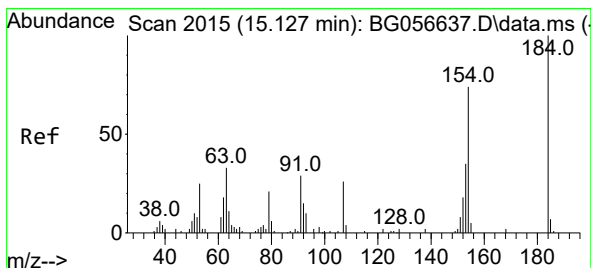
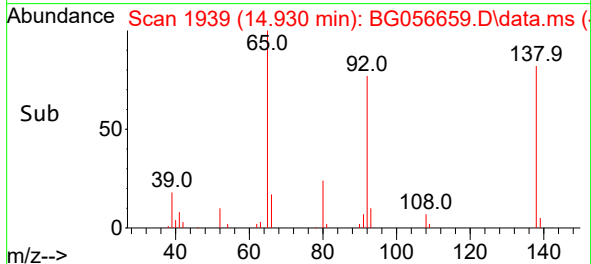
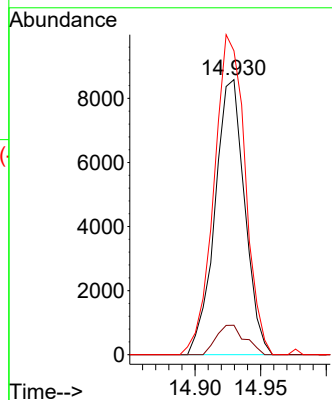
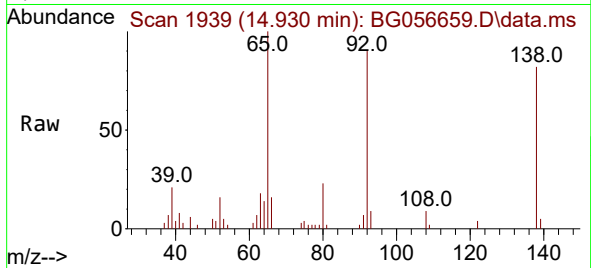




#53
3-Nitroaniline
Concen: 18.019 ng
RT: 14.930 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

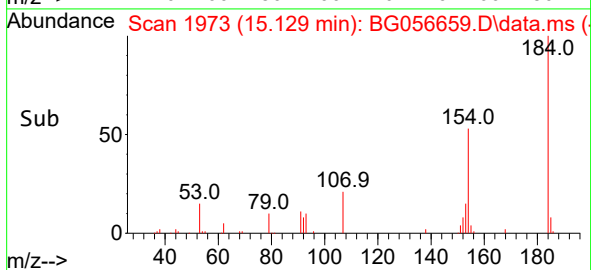
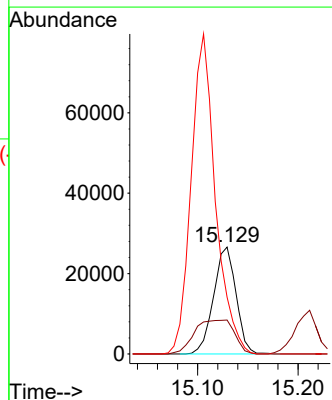
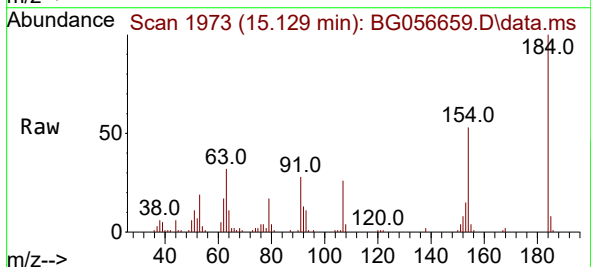
Instrument :
BNA_G
ClientSampleId :
PB150923BS

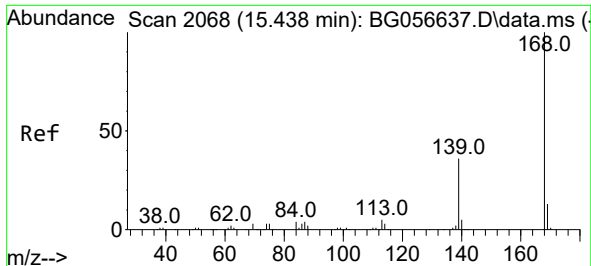
Tgt Ion:138 Resp: 13545
Ion Ratio Lower Upper
138 100
108 10.7 11.4 17.2#
92 110.5 103.1 154.7



#54
2,4-Dinitrophenol
Concen: 92.352 ng
RT: 15.129 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:184 Resp: 41316
Ion Ratio Lower Upper
184 100
63 31.7 31.0 46.6
154 53.2 99.8 149.8#

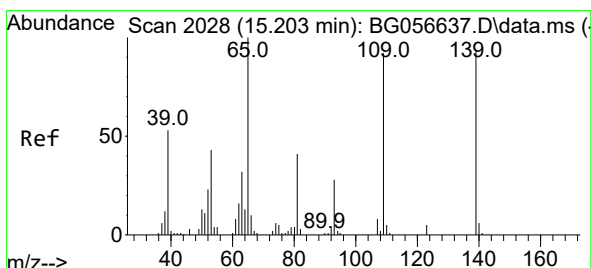
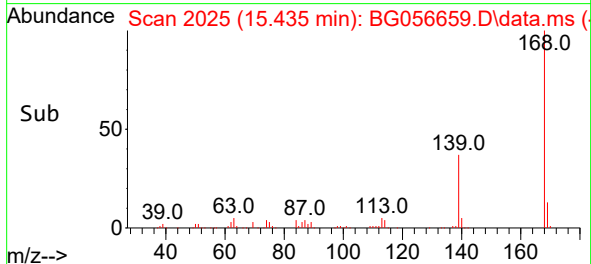
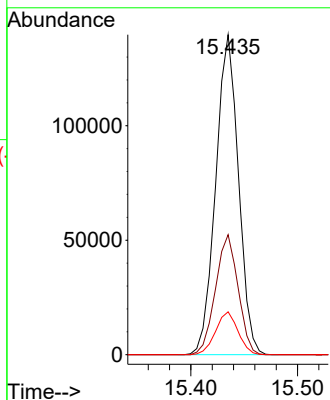
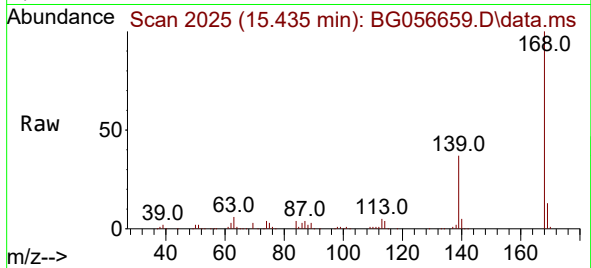




#55
Dibenzenofuran
Concen: 43.470 ng
RT: 15.435 min Scan# 2066
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

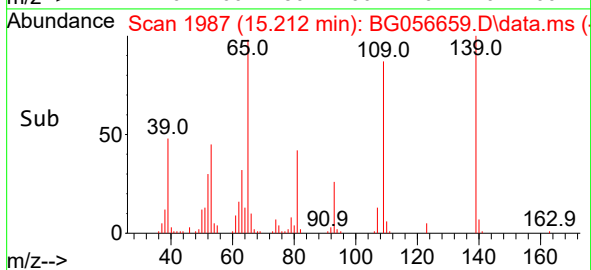
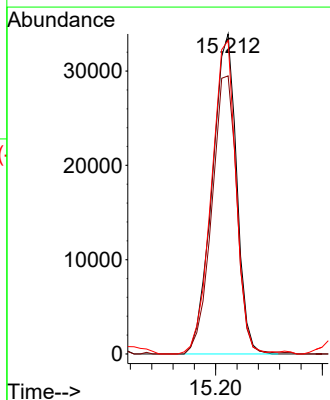
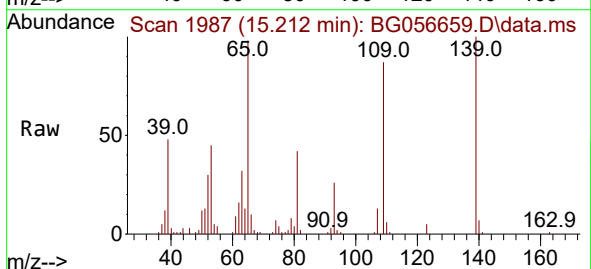
Instrument :
BNA_G
ClientSampleId :
PB150923BS

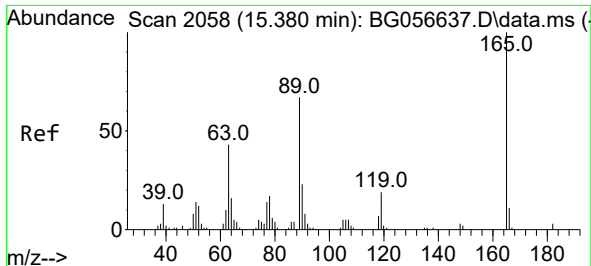
Tgt Ion:168 Resp: 206689
Ion Ratio Lower Upper
168 100
139 37.5 29.0 43.6
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 93.723 ng
RT: 15.212 min Scan# 1987
Delta R.T. 0.008 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:139 Resp: 53977
Ion Ratio Lower Upper
139 100
109 86.9 79.3 119.3
65 97.9 87.6 127.6

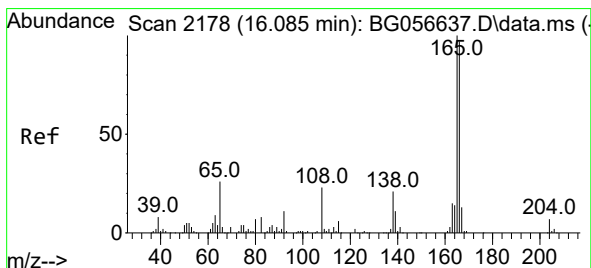
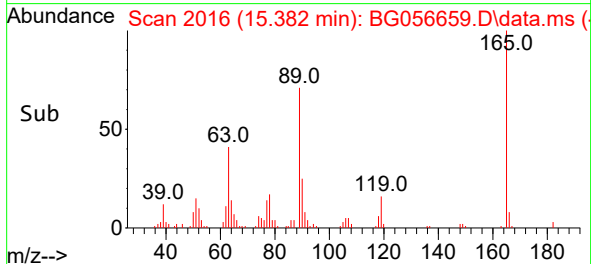
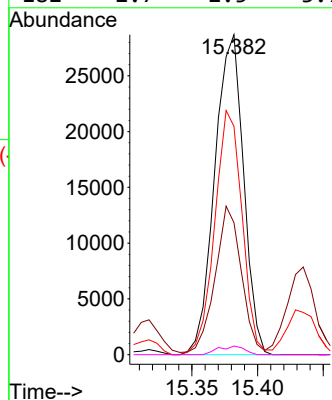
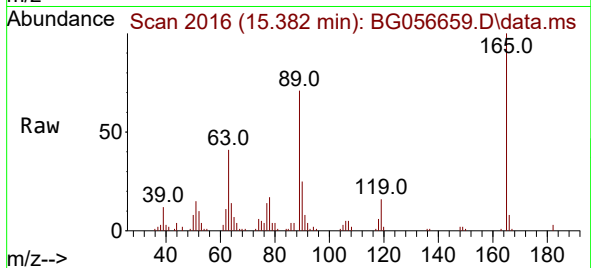




#57
2,4-Dinitrotoluene
Concen: 46.399 ng
RT: 15.382 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

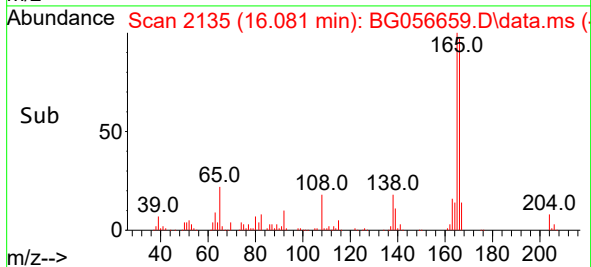
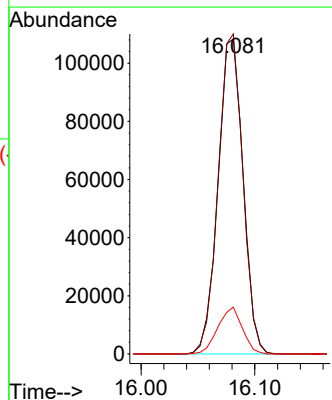
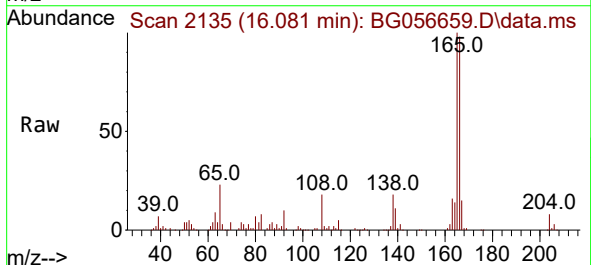
Instrument :
BNA_G
ClientSampleId :
PB150923BS

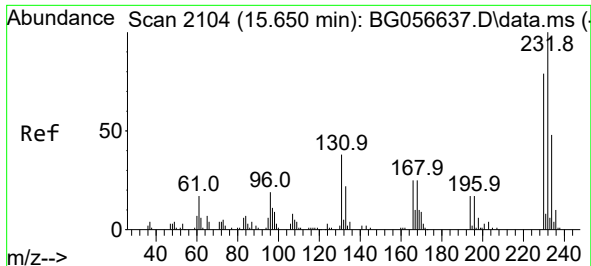
Tgt Ion:165 Resp: 43820
Ion Ratio Lower Upper
165 100
63 41.2 34.6 52.0
89 71.3 53.8 80.8
182 2.7 2.5 3.7



#58
Fluorene
Concen: 43.930 ng
RT: 16.081 min Scan# 2135
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:166 Resp: 165153
Ion Ratio Lower Upper
166 100
165 101.6 82.9 124.3
167 14.9 11.1 16.7

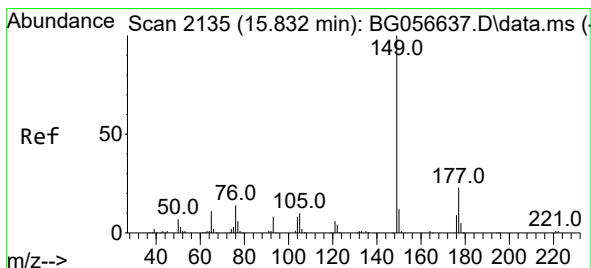
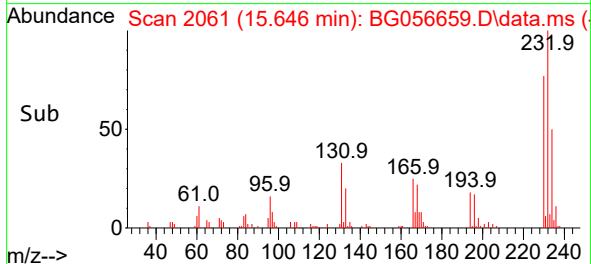
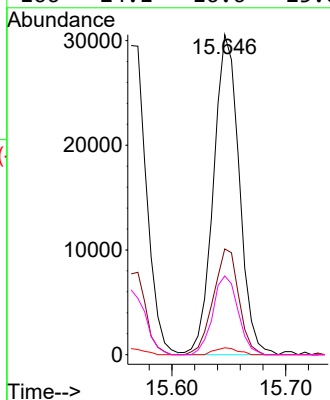
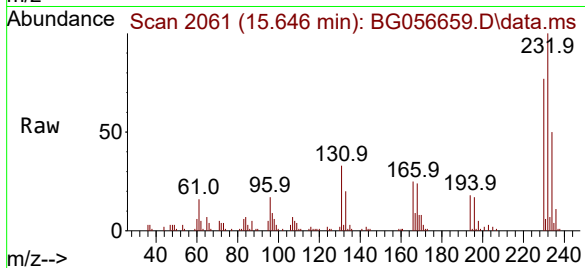




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.259 ng
RT: 15.646 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

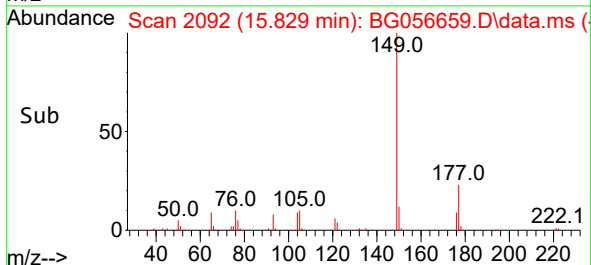
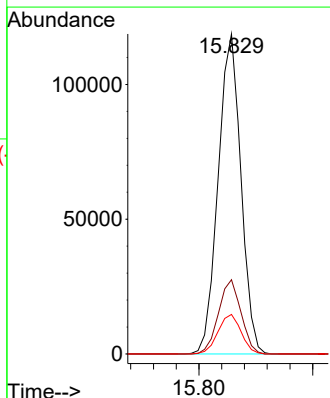
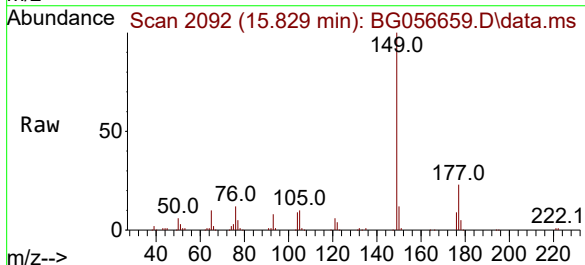
Instrument :
BNA_G
ClientSampleId :
PB150923BS

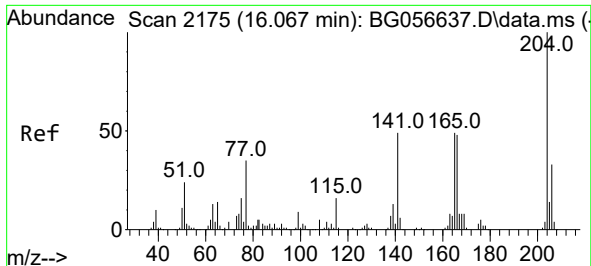
Tgt Ion:232 Resp: 48010
Ion Ratio Lower Upper
232 100
131 32.8 24.7 37.1
130 1.9 1.4 2.2
166 24.1 16.6 25.0



#60
Diethylphthalate
Concen: 42.208 ng
RT: 15.829 min Scan# 2092
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:149 Resp: 164874
Ion Ratio Lower Upper
149 100
177 23.2 18.7 28.1
150 12.4 9.9 14.9

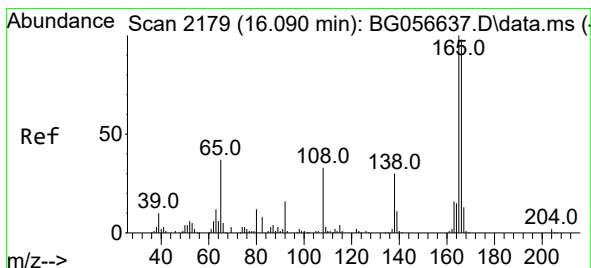
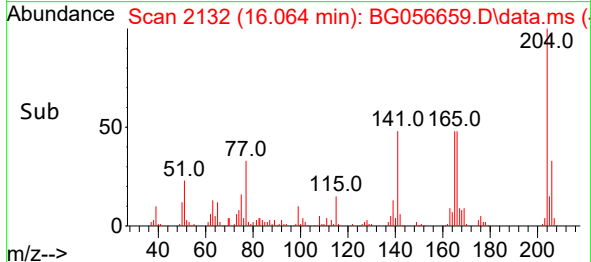
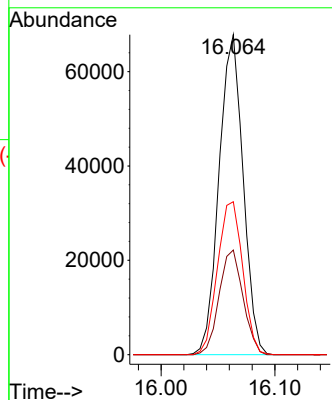
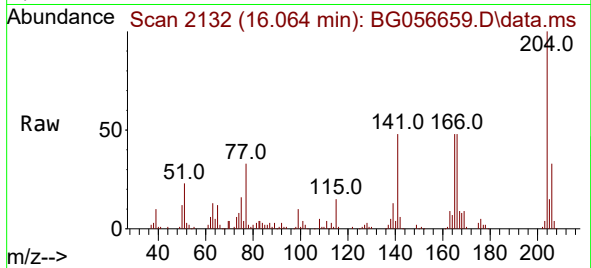




#61
4-Chlorophenyl-phenylether
Concen: 43.406 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

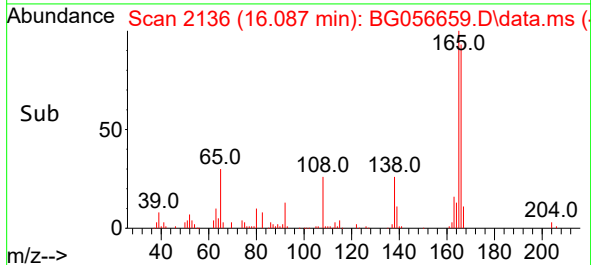
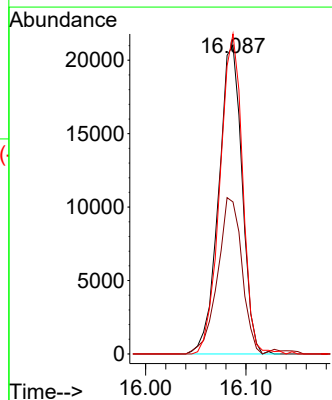
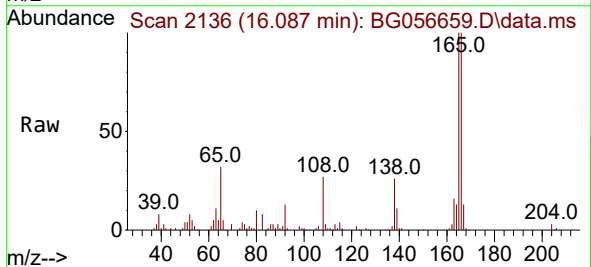
Instrument :
BNA_G
ClientSampleId :
PB150923BS

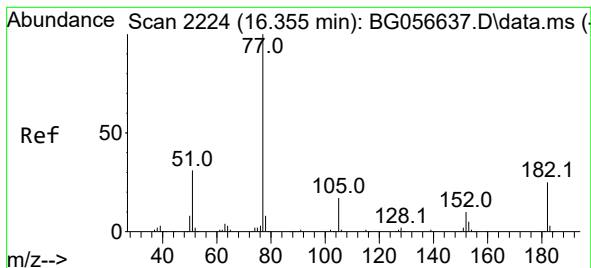
Tgt Ion:204 Resp: 99691
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 47.8 38.9 58.3



#62
4-Nitroaniline
Concen: 43.326 ng
RT: 16.087 min Scan# 2136
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:138 Resp: 33942
Ion Ratio Lower Upper
138 100
92 49.2 31.5 71.5
108 103.7 88.6 128.6





#63

Azobenzene

Concen: 42.850 ng

RT: 16.351 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

Tgt Ion: 77 Resp: 167518

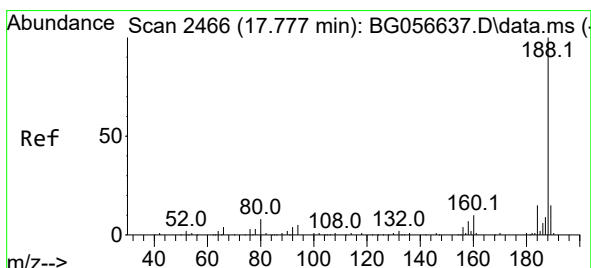
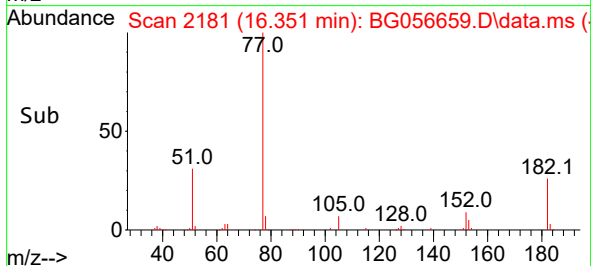
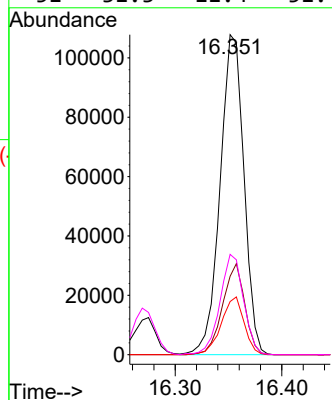
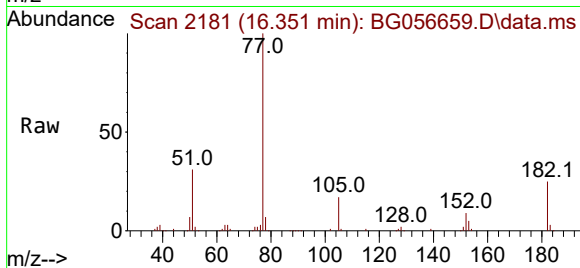
Ion Ratio Lower Upper

77 100

182 24.5 5.2 45.2

105 16.6 0.0 37.3

51 31.3 11.4 51.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.773 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

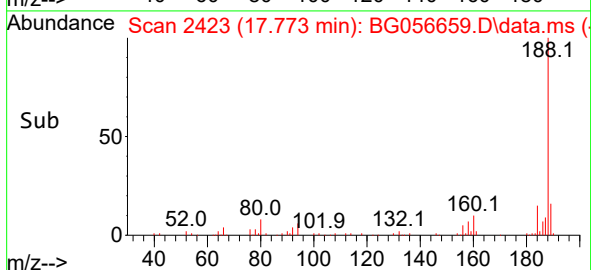
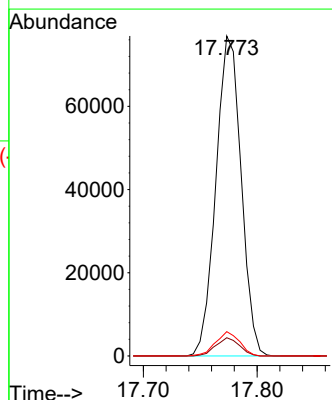
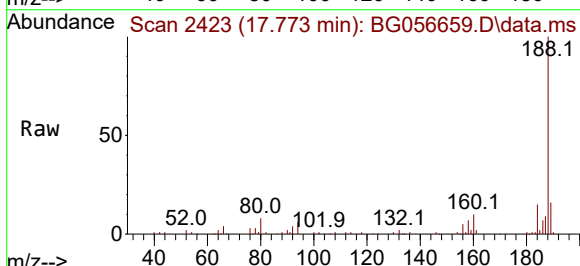
Tgt Ion:188 Resp: 118532

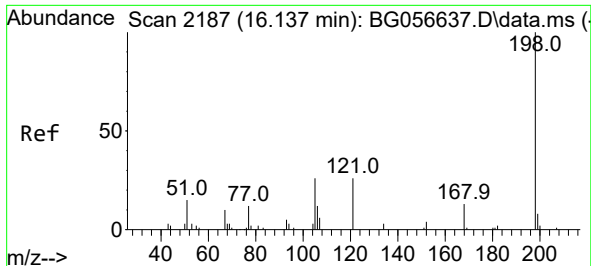
Ion Ratio Lower Upper

188 100

94 5.7 4.0 6.0

80 7.6 6.3 9.5

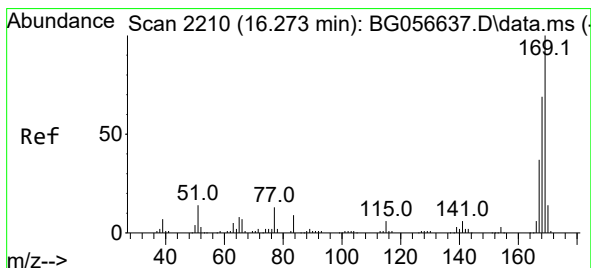
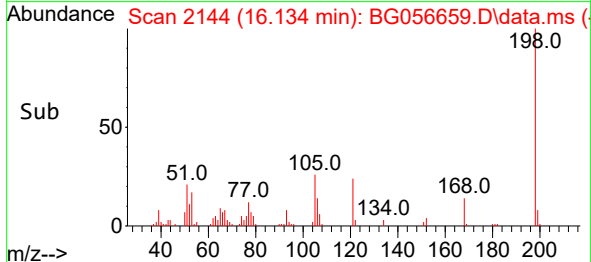
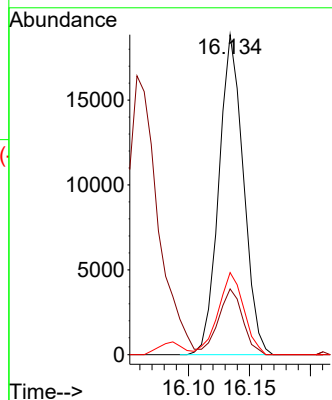
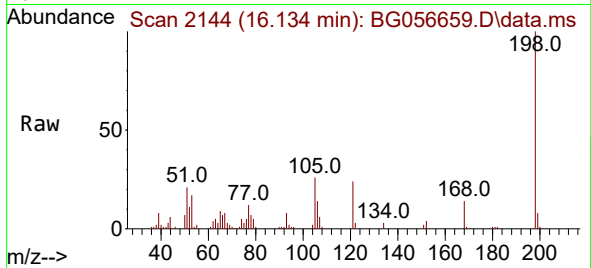




#65
4,6-Dinitro-2-methylphenol
Concen: 43.187 ng
RT: 16.134 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

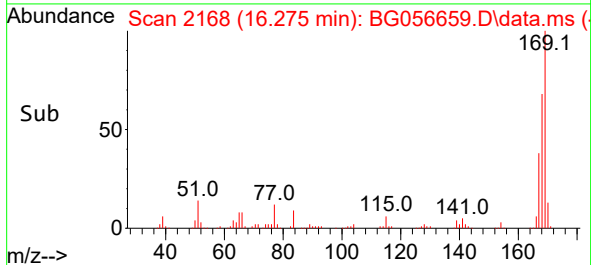
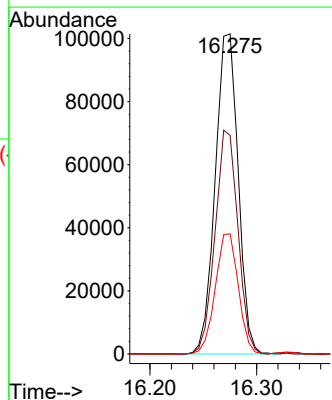
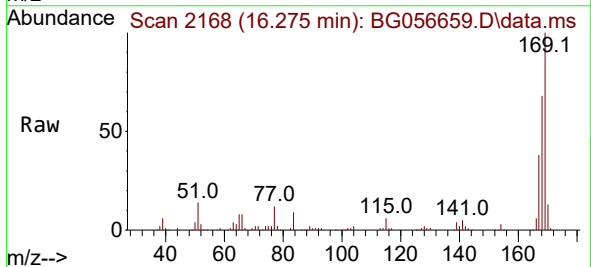
Instrument :
BNA_G
ClientSampleId :
PB150923BS

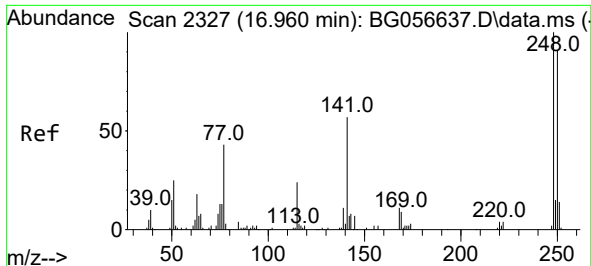
Tgt Ion:198 Resp: 26435
Ion Ratio Lower Upper
198 100
51 20.6 7.4 47.4
105 25.7 8.2 48.2



#66
n-Nitrosodiphenylamine
Concen: 43.991 ng
RT: 16.275 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:169 Resp: 151692
Ion Ratio Lower Upper
169 100
168 68.3 55.5 83.3
167 37.6 29.5 44.3

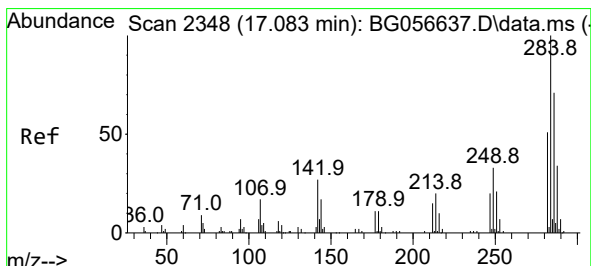
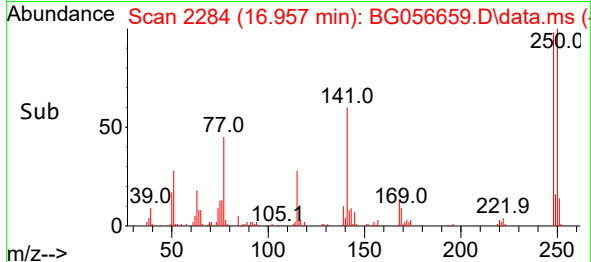
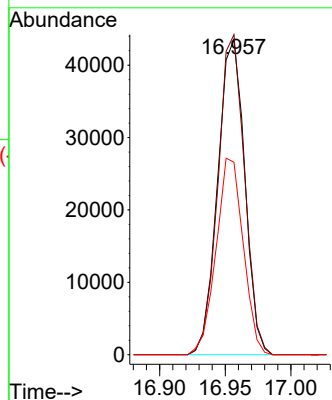
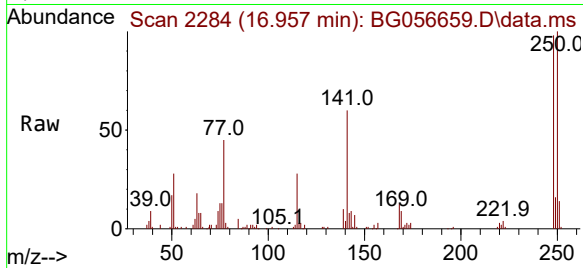




#67
4-Bromophenyl-phenylether
Concen: 40.956 ng
RT: 16.957 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

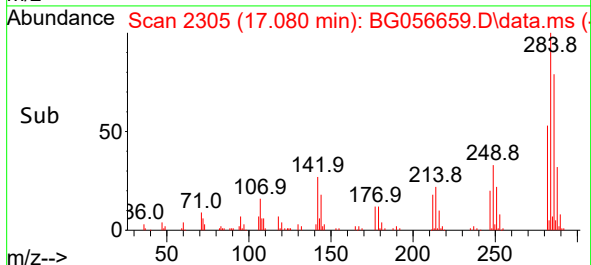
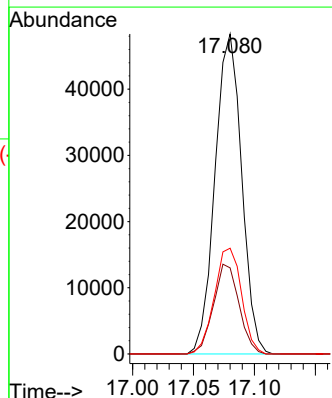
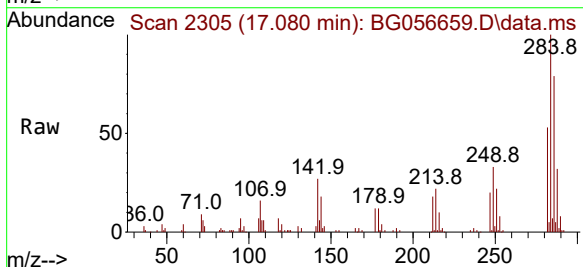
Instrument :
BNA_G
ClientSampleId :
PB150923BS

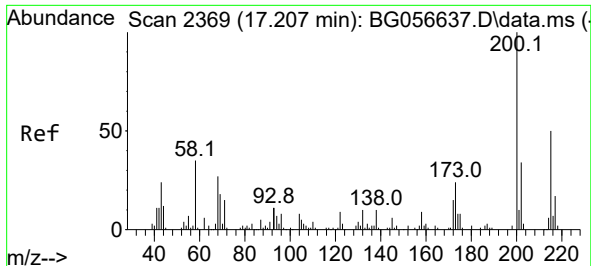
Tgt Ion:248 Resp: 62329
Ion Ratio Lower Upper
248 100
250 101.5 73.0 109.6
141 61.1 45.6 68.4



#68
Hexachlorobenzene
Concen: 47.374 ng
RT: 17.080 min Scan# 2305
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:284 Resp: 73453
Ion Ratio Lower Upper
284 100
142 26.9 21.4 32.2
249 33.0 26.1 39.1

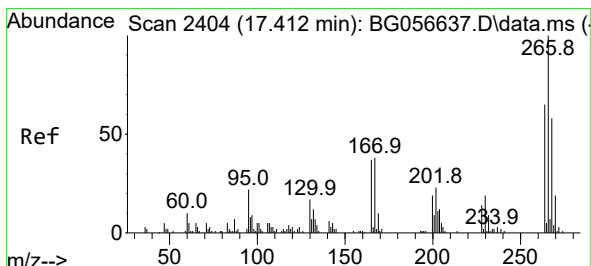
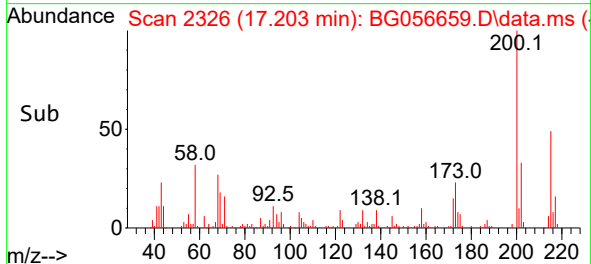
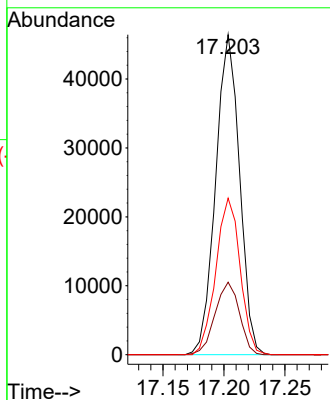
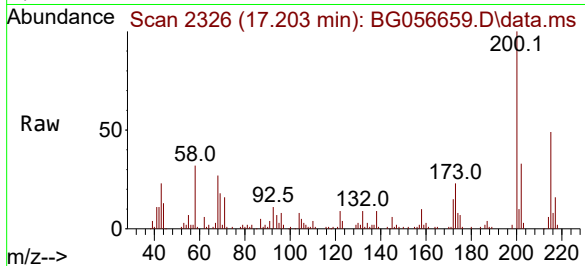




#69
 Atrazine
 Concen: 47.807 ng
 RT: 17.203 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

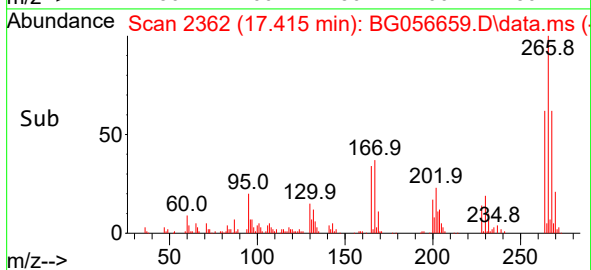
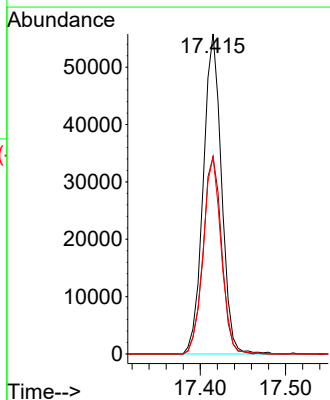
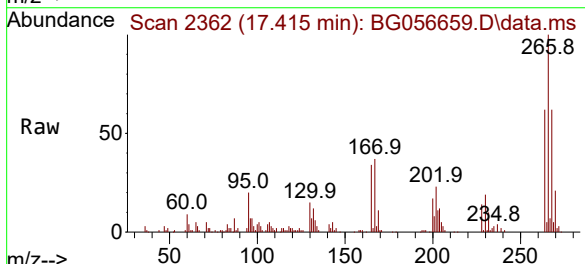
Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

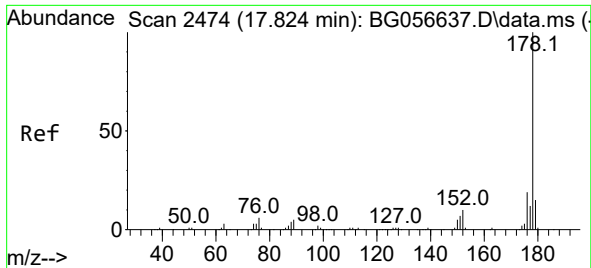
Tgt Ion:200 Resp: 63302
 Ion Ratio Lower Upper
 200 100
 173 22.7 4.4 44.4
 215 48.9 29.6 69.6



#70
 Pentachlorophenol
 Concen: 80.615 ng
 RT: 17.415 min Scan# 2362
 Delta R.T. 0.002 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

Tgt Ion:266 Resp: 82776
 Ion Ratio Lower Upper
 266 100
 268 61.7 46.7 70.1
 264 61.6 51.8 77.6

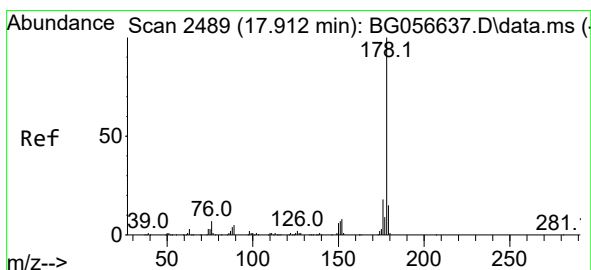
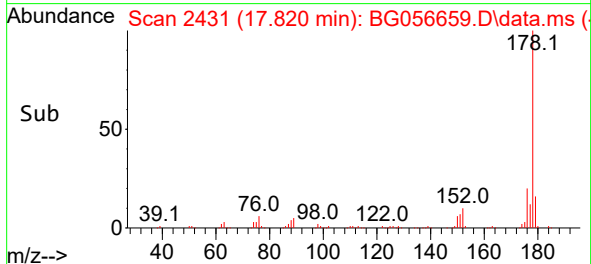
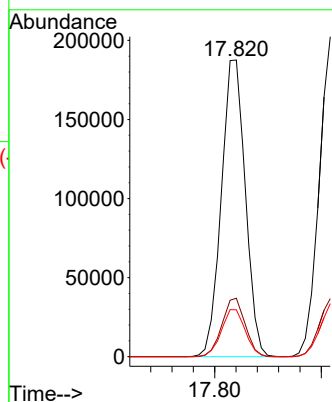
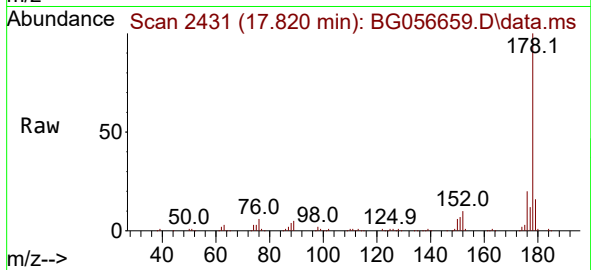




#71
Phenanthrene
Concen: 45.444 ng
RT: 17.820 min Scan# 2474
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

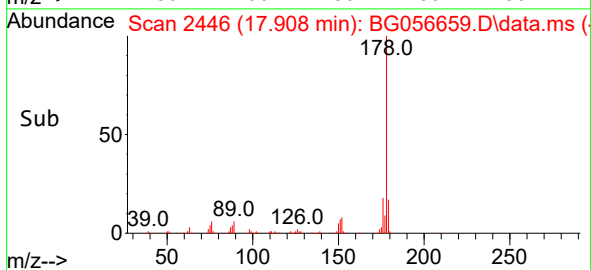
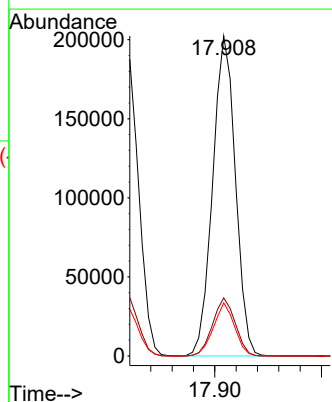
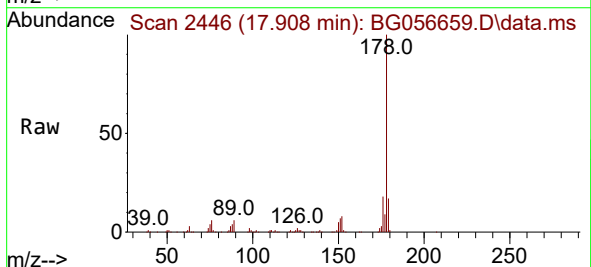
Instrument :
BNA_G
ClientSampleId :
PB150923BS

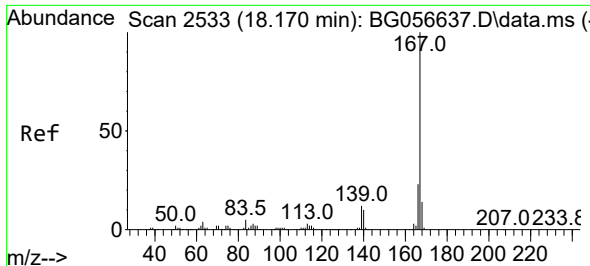
Tgt Ion:178 Resp: 293057
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.8 12.2 18.4



#72
Anthracene
Concen: 45.375 ng
RT: 17.908 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:178 Resp: 299411
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 16.6 12.2 18.4

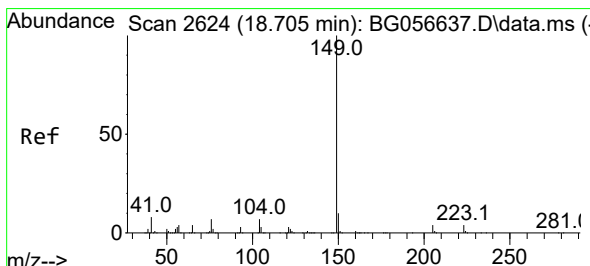
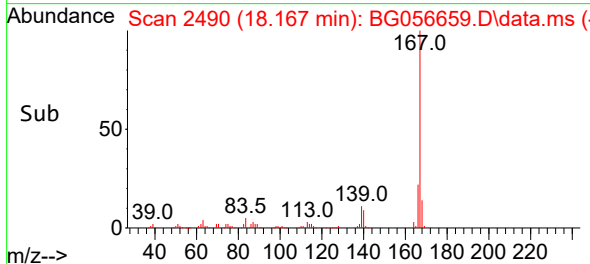
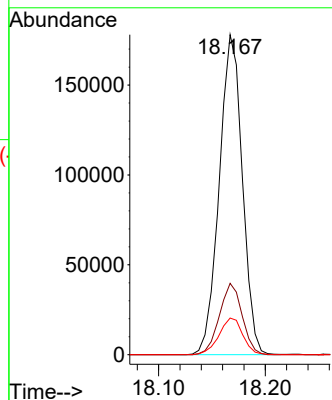
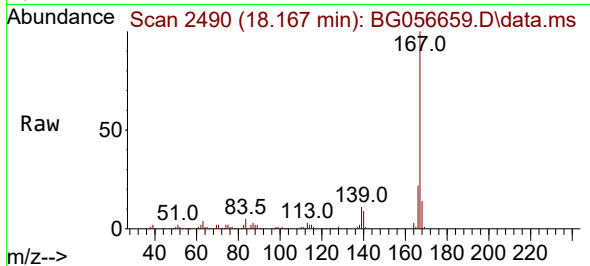




#73
 Carbazole
 Concen: 47.047 ng
 RT: 18.167 min Scan# 2490
 Delta R.T. -0.003 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

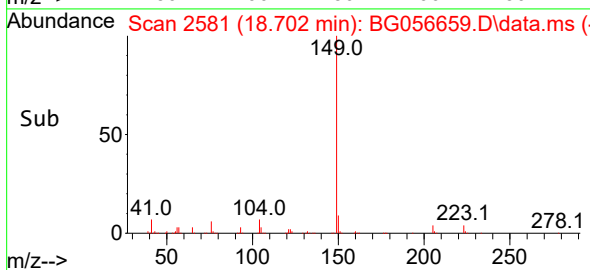
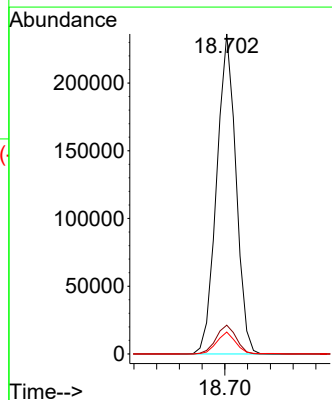
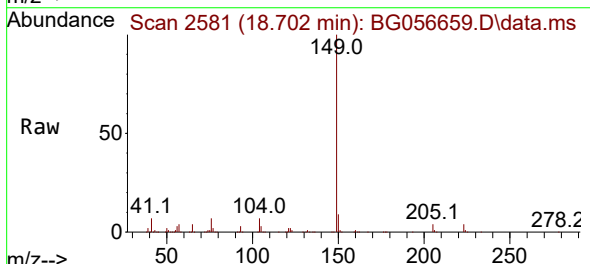
Instrument :
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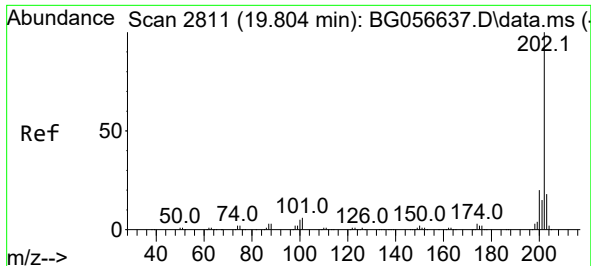
Tgt Ion:167 Resp: 267616
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 11.4 9.4 14.0



#74
 Di-n-butylphthalate
 Concen: 43.797 ng
 RT: 18.702 min Scan# 2581
 Delta R.T. -0.003 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

Tgt Ion:149 Resp: 278794
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 6.9 5.4 8.0

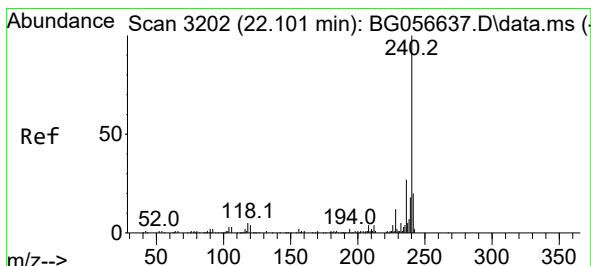
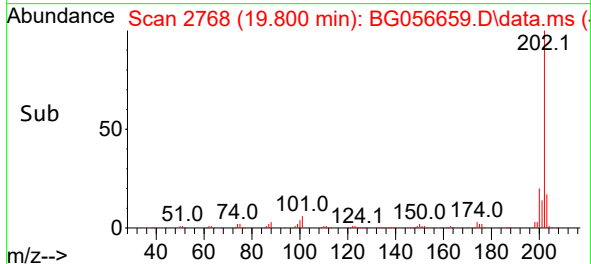
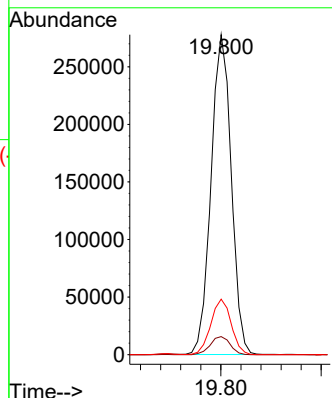
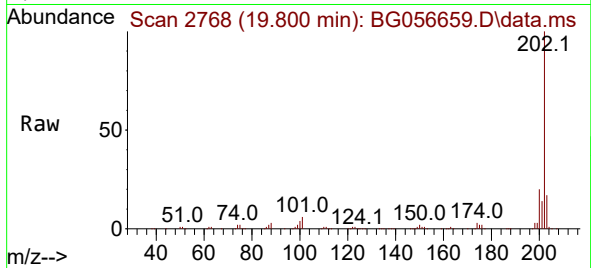




#75
Fluoranthene
Concen: 45.675 ng
RT: 19.800 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

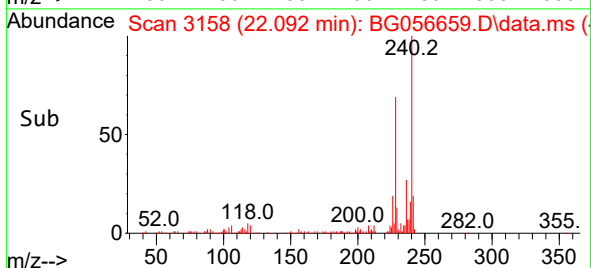
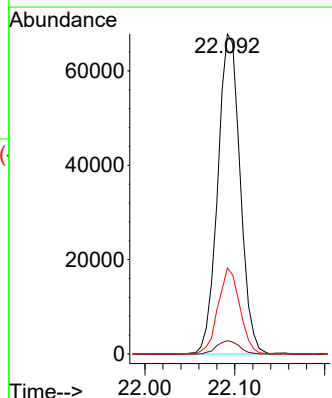
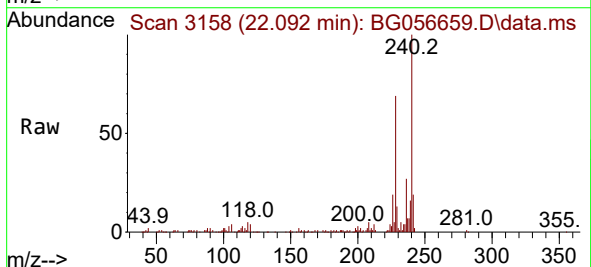
Instrument :
BNA_G
ClientSampleId :
PB150923BS

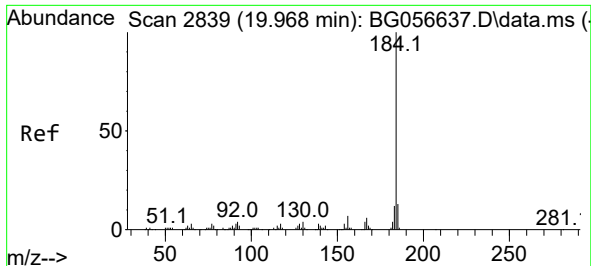
Tgt Ion:202 Resp: 388650
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.8
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.092 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:240 Resp: 117318
Ion Ratio Lower Upper
240 100
120 4.2 3.5 5.3
236 26.9 21.5 32.3

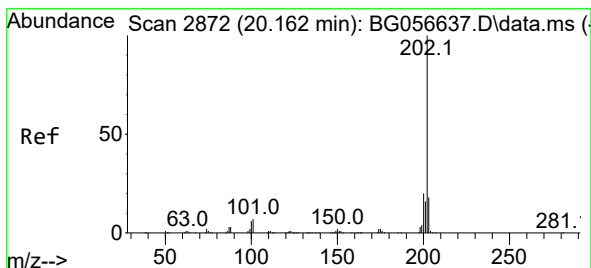
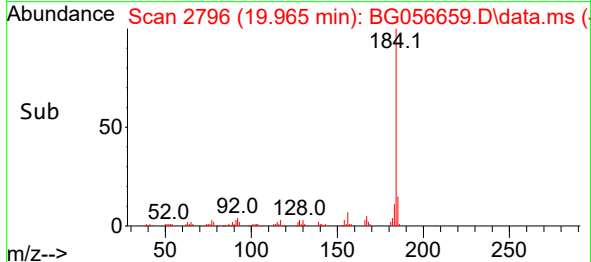
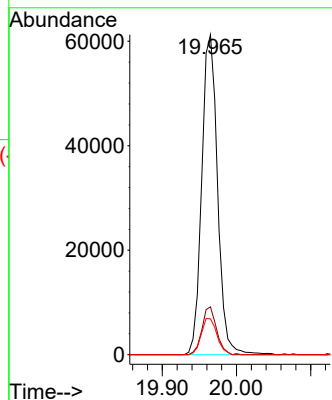
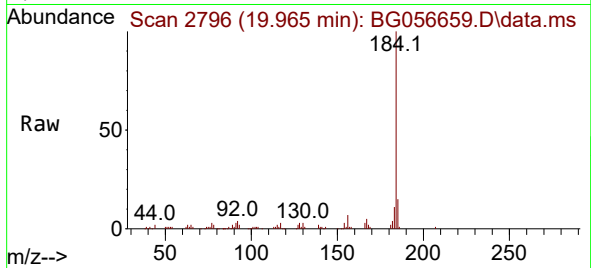




#77
Benzidine
Concen: 32.420 ng
RT: 19.965 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

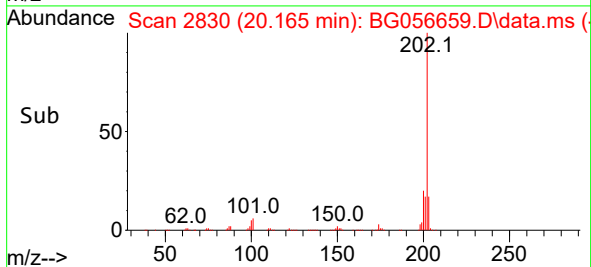
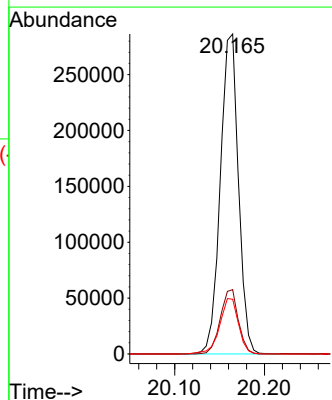
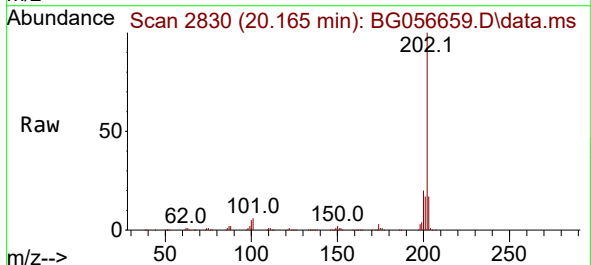
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ClientSampleId :
PB150923BS

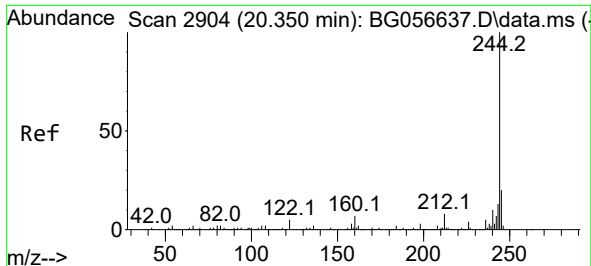
Tgt Ion:184 Resp: 90969
Ion Ratio Lower Upper
184 100
185 15.0 10.6 15.8
183 11.2 9.4 14.0



#78
Pyrene
Concen: 45.276 ng
RT: 20.165 min Scan# 2830
Delta R.T. 0.002 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:202 Resp: 401149
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.1 14.2 21.4

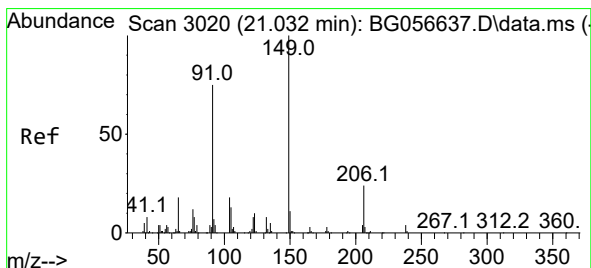
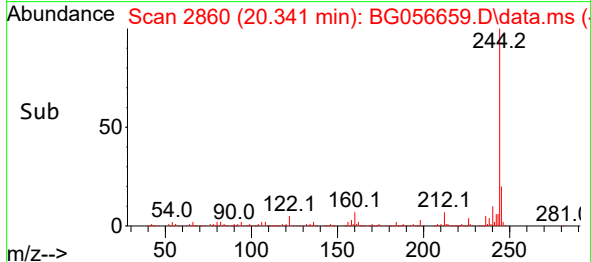
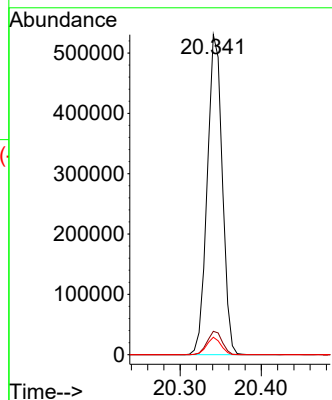
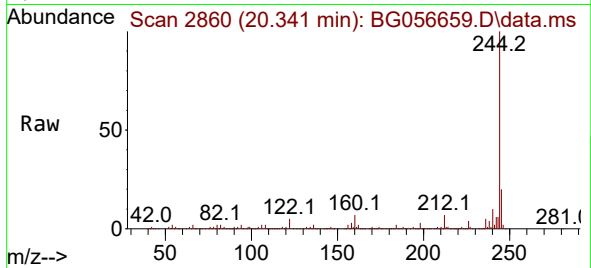




#79
 Terphenyl-d14
 Concen: 94.838 ng
 RT: 20.341 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

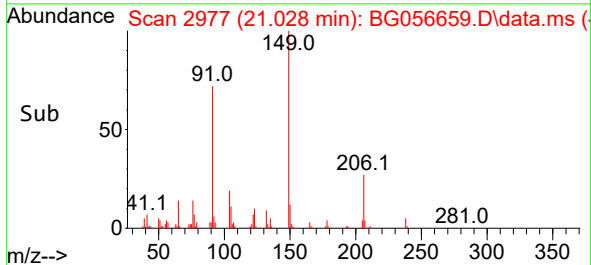
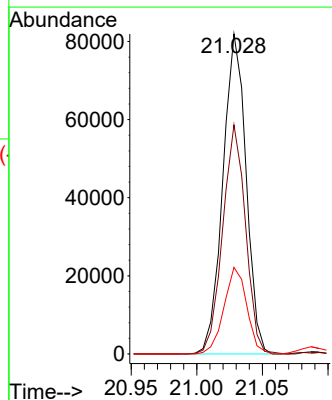
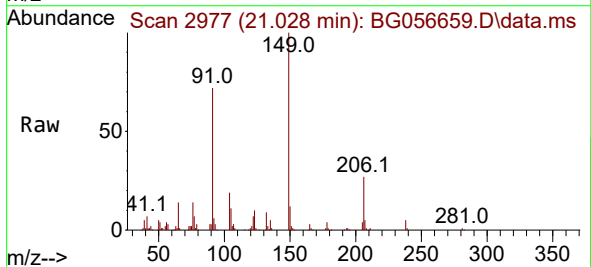
Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

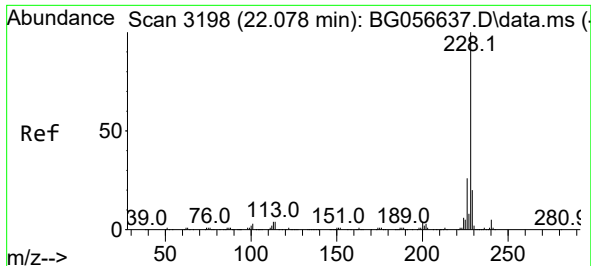
Tgt Ion:244 Resp: 680035
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 5.5 3.8 5.8



#80
 Butylbenzylphthalate
 Concen: 37.813 ng
 RT: 21.028 min Scan# 2977
 Delta R.T. -0.003 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

Tgt Ion:149 Resp: 100605
 Ion Ratio Lower Upper
 149 100
 91 71.6 60.3 90.5
 206 27.1 19.0 28.6

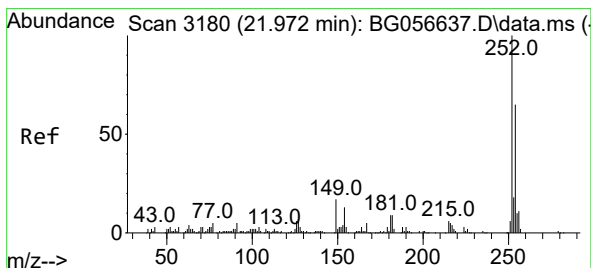
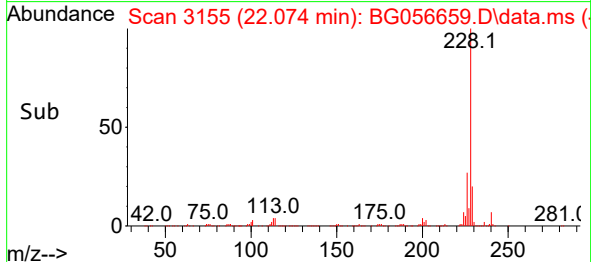
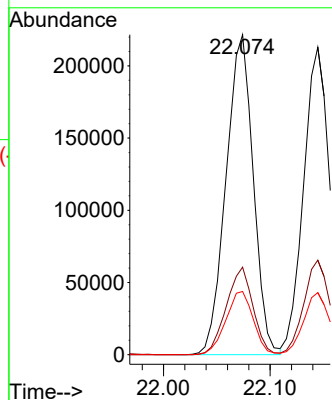
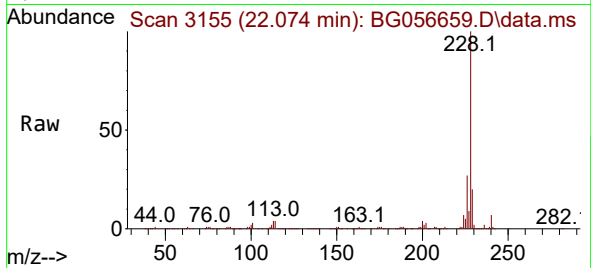




#81
Benzo(a)anthracene
Concen: 45.155 ng
RT: 22.074 min Scan# 3198
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

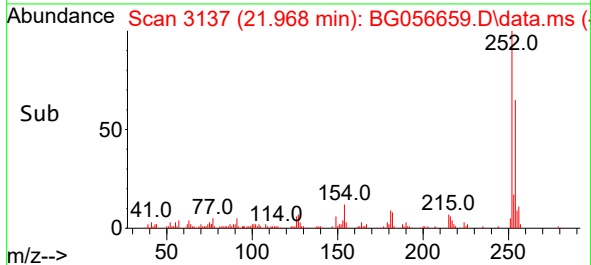
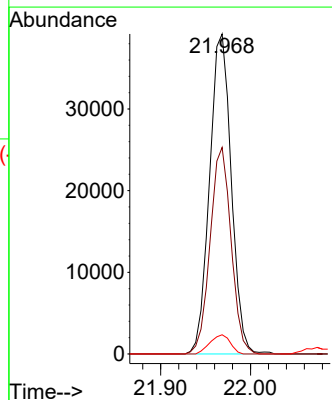
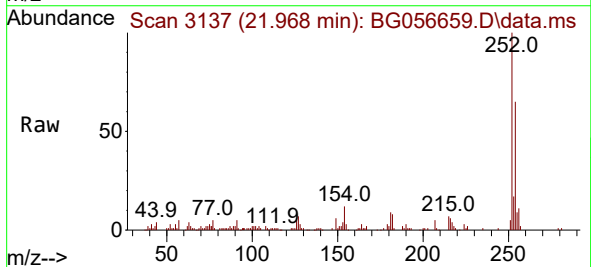
Instrument :
BNA_G
ClientSampleId :
PB150923BS

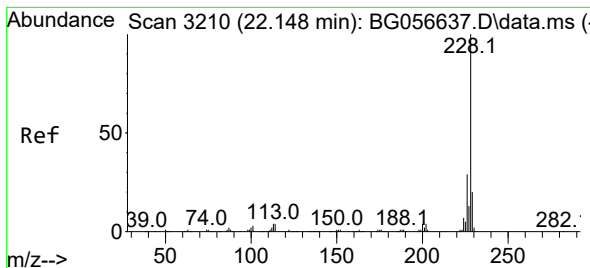
Tgt Ion:228 Resp: 393963
Ion Ratio Lower Upper
228 100
226 27.4 20.4 30.6
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 23.203 ng
RT: 21.968 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:252 Resp: 65680
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.2
126 6.0 4.9 7.3





#83

Chrysene

Concen: 44.633 ng

RT: 22.145 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

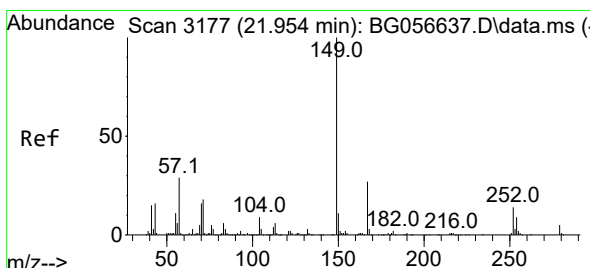
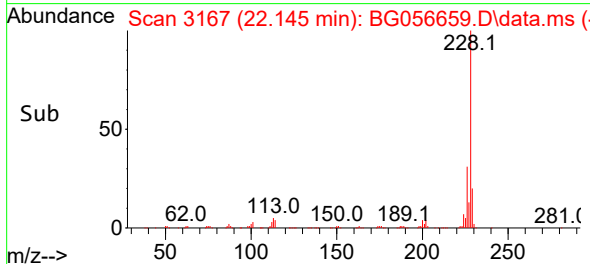
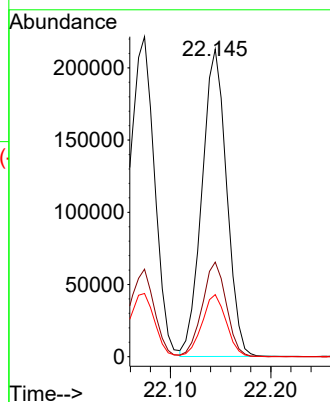
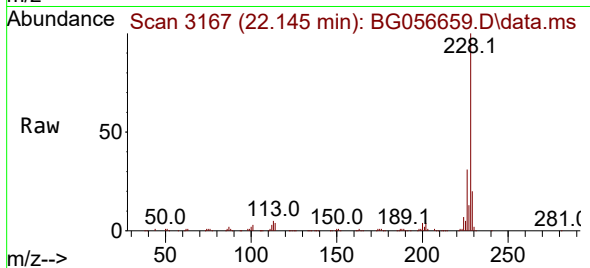
Tgt Ion:228 Resp: 364037

Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.6

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.963 ng

RT: 21.945 min Scan# 3133

Delta R.T. -0.009 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

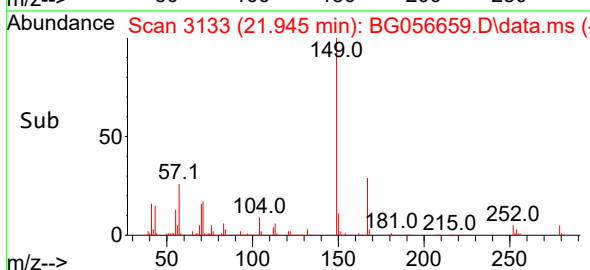
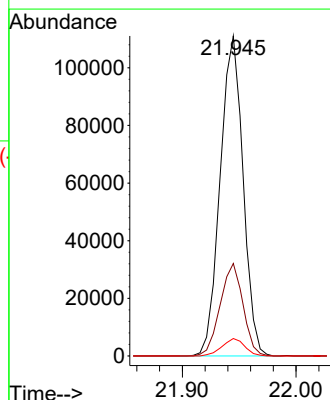
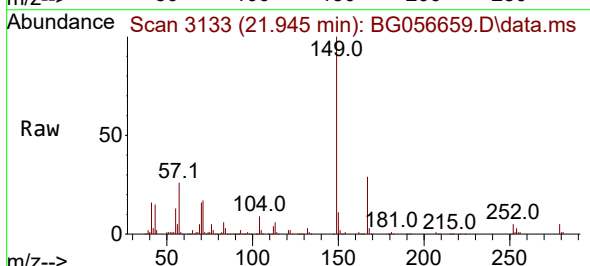
Tgt Ion:149 Resp: 155339

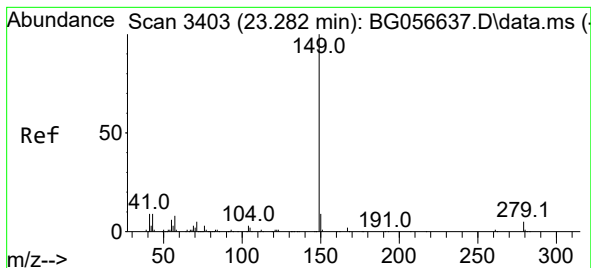
Ion Ratio Lower Upper

149 100

167 28.9 21.4 32.0

279 5.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 38.627 ng

RT: 23.273 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

Instrument :

BNA_G

ClientSampleId :

PB150923BS

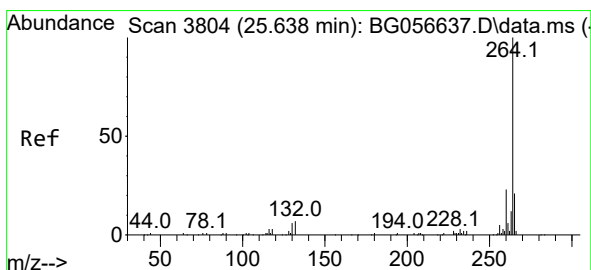
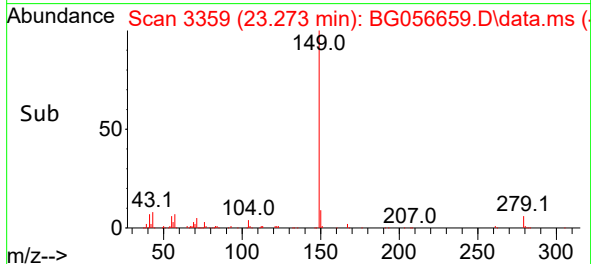
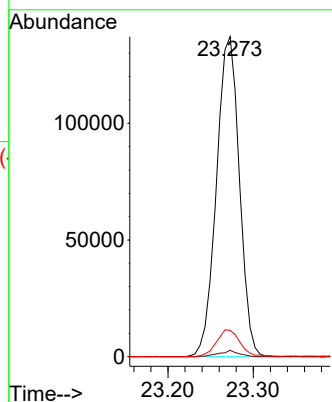
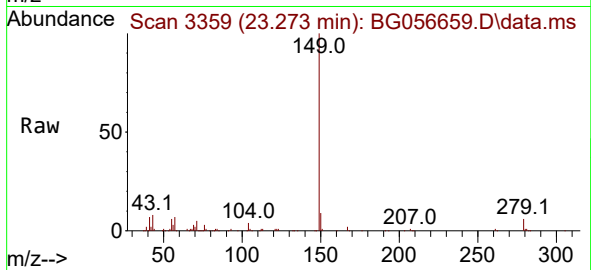
Tgt Ion:149 Resp: 255962

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.635 min Scan# 3761

Delta R.T. -0.003 min

Lab File: BG056659.D

Acq: 17 Feb 2023 17:04

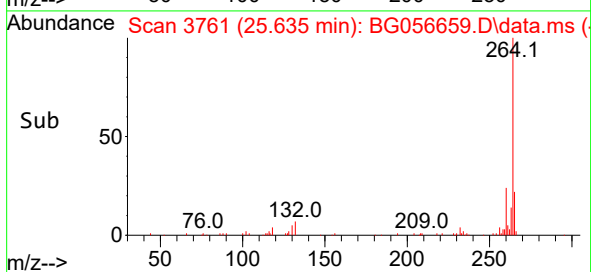
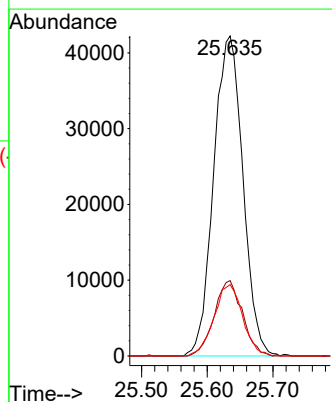
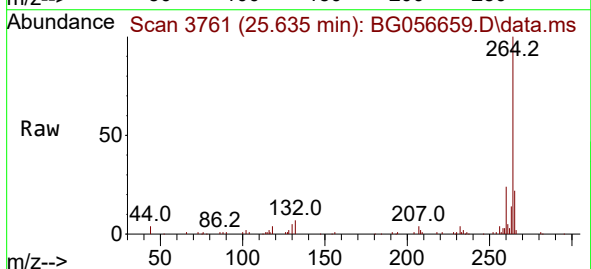
Tgt Ion:264 Resp: 130494

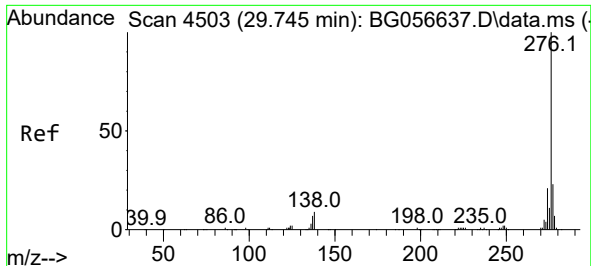
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.3 17.0 25.4

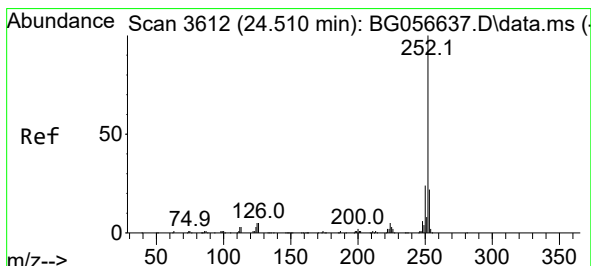
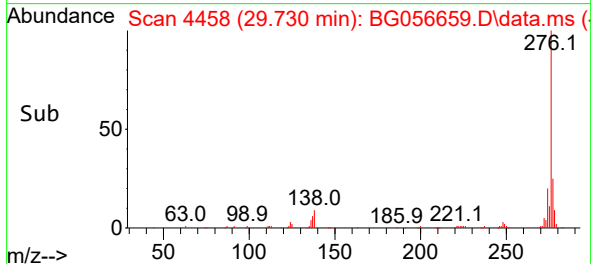
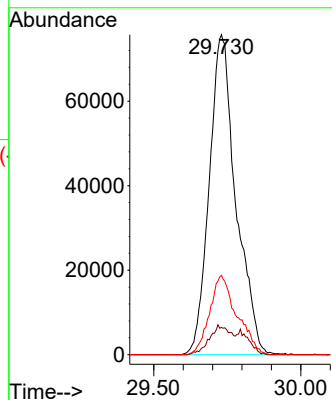
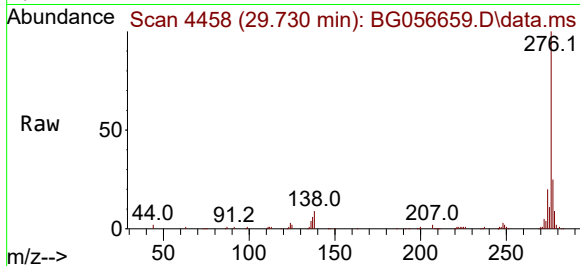




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.677 ng
 RT: 29.730 min Scan# 4458
 Delta R.T. -0.015 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

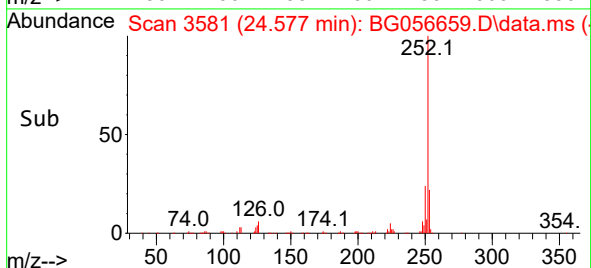
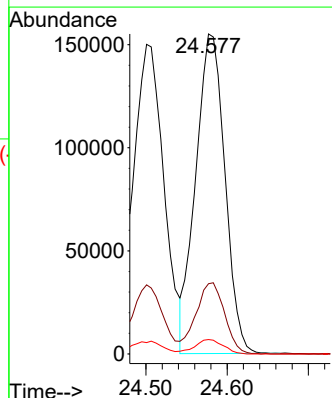
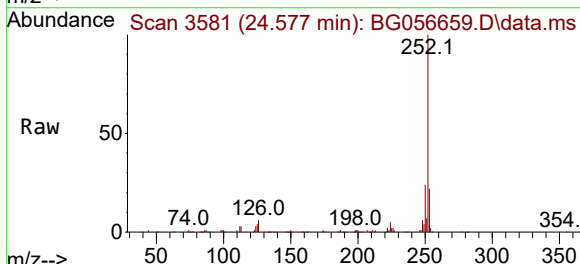
Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

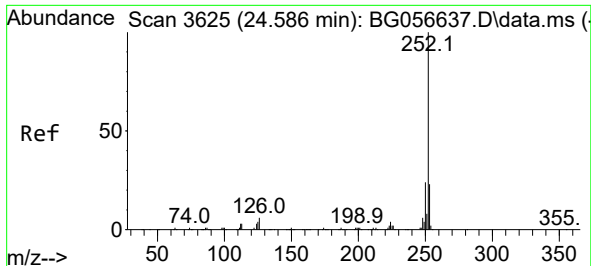
Tgt Ion:276 Resp: 477029
 Ion Ratio Lower Upper
 276 100
 138 7.5 3.8 5.8#
 277 25.3 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 45.375 ng
 RT: 24.577 min Scan# 3581
 Delta R.T. 0.067 min
 Lab File: BG056659.D
 Acq: 17 Feb 2023 17:04

Tgt Ion:252 Resp: 386839
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 4.5 3.7 5.5

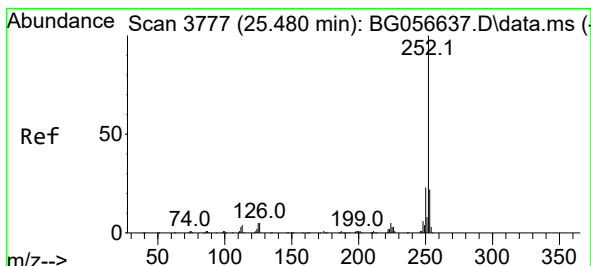
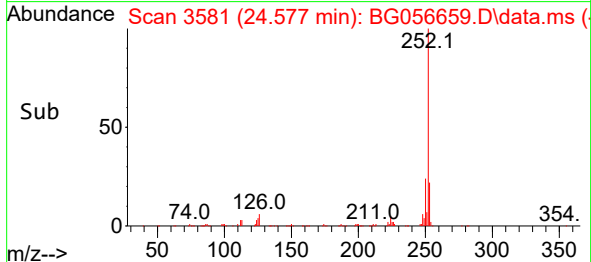
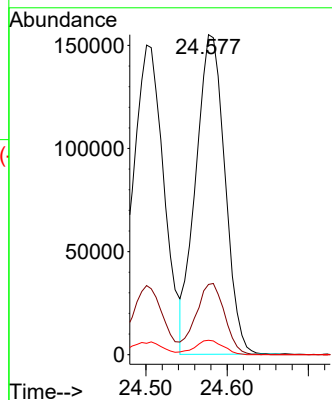
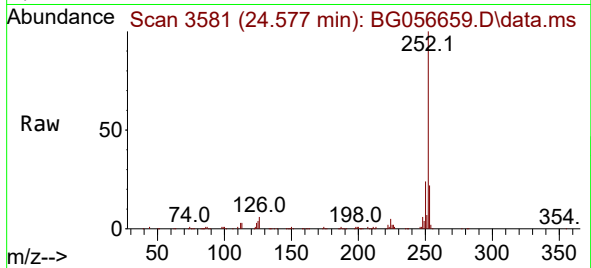




#89
Benzo(k)fluoranthene
Concen: 46.142 ng
RT: 24.577 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

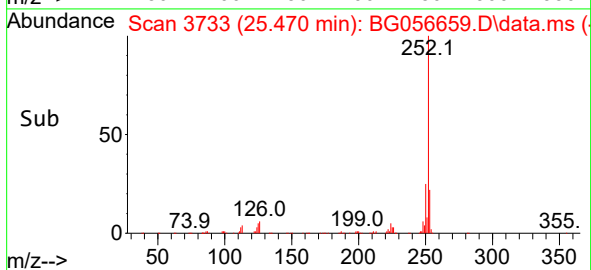
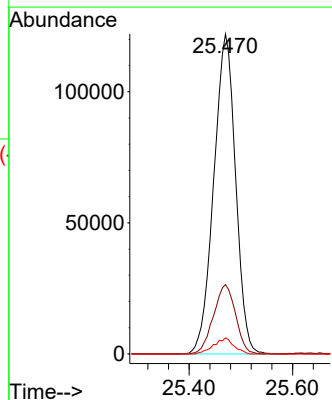
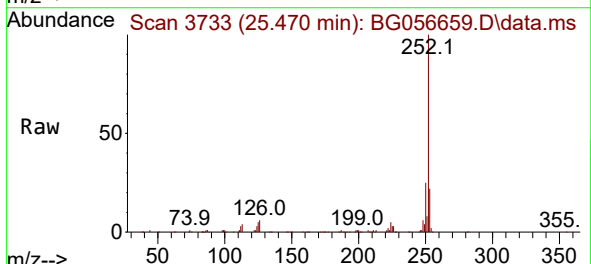
Instrument :
BNA_G
ClientSampleId :
PB150923BS

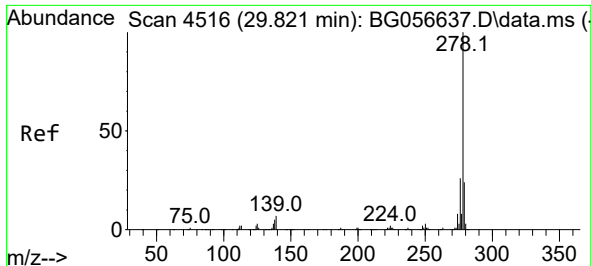
Tgt Ion:252 Resp: 386839
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 4.5 3.4 5.0



#90
Benzo(a)pyrene
Concen: 43.548 ng
RT: 25.470 min Scan# 3733
Delta R.T. -0.009 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:252 Resp: 356865
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 5.1 4.0 6.0

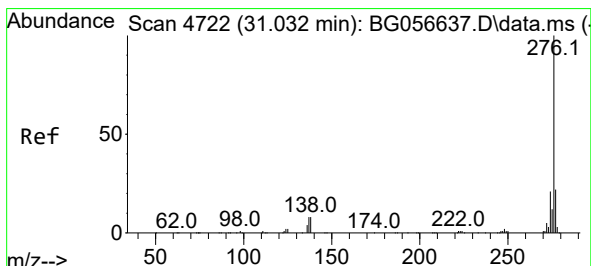
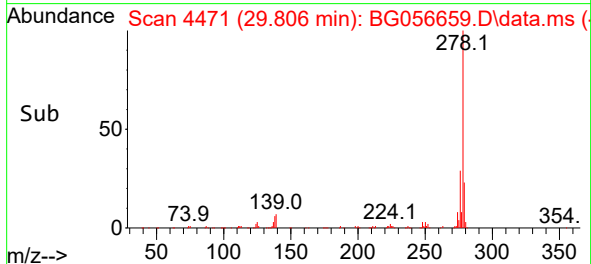
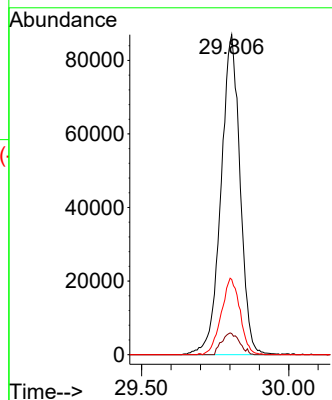
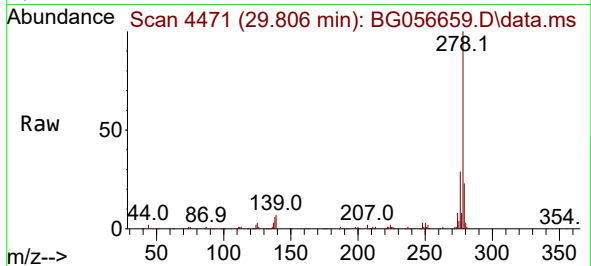




#91
Dibenzo(a,h)anthracene
Concen: 46.257 ng
RT: 29.806 min Scan# 44
Delta R.T. -0.015 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Instrument :
BNA_G
ClientSampleId :
PB150923BS

Tgt Ion:278 Resp: 391534
Ion Ratio Lower Upper
278 100
139 6.6 5.8 8.8
279 23.5 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 46.628 ng
RT: 31.017 min Scan# 4677
Delta R.T. -0.015 min
Lab File: BG056659.D
Acq: 17 Feb 2023 17:04

Tgt Ion:276 Resp: 385644
Ion Ratio Lower Upper
276 100
277 24.3 17.5 26.3
138 7.8 6.4 9.6

