

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056986.D
 Acq On : 5 Apr 2023 11:23
 Operator : CG/JU
 Sample : PB151898BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151898BS

Quant Time: Apr 06 05:06:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	12048	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	55240	20.000	ng	# 0.00
39) Acenaphthene-d10	15.034	164	46182	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	117855	20.000	ng	0.00
76) Chrysene-d12	22.095	240	91356	20.000	ng	0.00
86) Perylene-d12	25.649	264	98766	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	120042	159.463	ng	0.00
7) Phenol-d6	7.550	99	179230	159.190	ng	0.00
23) Nitrobenzene-d5	9.595	82	116818	86.530	ng	0.00
42) 2,4,6-Tribromophenol	16.515	330	108132	146.565	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	292001	85.738	ng	0.00
79) Terphenyl-d14	20.339	244	553707	102.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.726	88	10267	31.112	ng	# 89
3) Pyridine	4.149	79	31430	29.571	ng	98
4) n-Nitrosodimethylamine	4.055	42	20567	42.087	ng	88
6) Aniline	7.727	93	59664	41.452	ng	98
8) 2-Chlorophenol	7.973	128	41438	55.264	ng	94
9) Benzaldehyde	7.539	77	29247	41.416	ng	96
10) Phenol	7.580	94	59760	53.567	ng	98
11) bis(2-Chloroethyl)ether	7.815	93	38302	48.198	ng	97
12) 1,3-Dichlorobenzene	8.308	146	41085	49.589	ng	96
13) 1,4-Dichlorobenzene	8.455	146	41883	50.088	ng	95
14) 1,2-Dichlorobenzene	8.778	146	41556	51.439	ng	93
15) Benzyl Alcohol	8.649	79	49930	53.371	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.931	45	46662	48.722	ng	96
17) 2-Methylphenol	8.849	107	41248	51.824	ng	93
18) Hexachloroethane	9.518	117	15126	49.491	ng	97
19) n-Nitroso-di-n-propyla...	9.219	70	38108	47.321	ng	98
20) 3+4-Methylphenols	9.178	107	56655	50.905	ng	95
22) Acetophenone	9.248	105	72109	43.869	ng	# 96
24) Nitrobenzene	9.642	77	59198	42.889	ng	98
25) Isophorone	10.165	82	109204	42.479	ng	99
26) 2-Nitrophenol	10.358	139	24668	46.302	ng	93
27) 2,4-Dimethylphenol	10.400	122	45080	47.924	ng	98
28) bis(2-Chloroethoxy)met...	10.635	93	55964	43.482	ng	94
29) 2,4-Dichlorophenol	10.899	162	46442	45.909	ng	94
30) 1,2,4-Trichlorobenzene	11.116	180	47917	44.579	ng	96
31) Naphthalene	11.310	128	133283	44.266	ng	100
32) Benzoic acid	10.529	122	29151	45.116	ng	95
33) 4-Chloroaniline	11.404	127	45744	33.638	ng	95
34) Hexachlorobutadiene	11.586	225	34698	42.974	ng	93
35) Caprolactam	12.174	113	11217	32.152	ng	# 84
36) 4-Chloro-3-methylphenol	12.497	107	54799	48.438	ng	100
37) 2-Methylnaphthalene	12.884	142	102645	42.953	ng	97
38) 1-Methylnaphthalene	13.102	142	95115	42.388	ng	100
40) 1,2,4,5-Tetrachloroben...	13.249	216	68993	43.081	ng	99
41) Hexachlorocyclopentadiene	13.219	237	98548	111.686	ng	97
43) 2,4,6-Trichlorophenol	13.478	196	46345	45.350	ng	96

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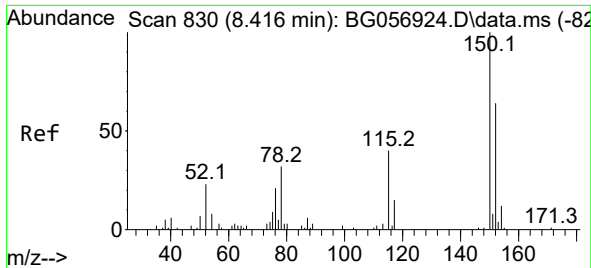
Quant Time: Apr 06 05:06:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	51480	42.522	ng	98
46) 1,1'-Biphenyl	13.871	154	151080	44.690	ng	97
47) 2-Chloronaphthalene	13.924	162	113936	45.569	ng	98
48) 2-Nitroaniline	14.112	65	40098	44.850	ng	96
49) Acenaphthylene	14.758	152	180837	44.020	ng	99
50) Dimethylphthalate	14.470	163	160712	44.166	ng	97
51) 2,6-Dinitrotoluene	14.594	165	36256	46.116	ng	98
52) Acenaphthene	15.099	154	118608	41.863	ng	99
53) 3-Nitroaniline	14.929	138	26652	34.248	ng	99
54) 2,4-Dinitrophenol	15.134	184	47896	108.234	ng	93
55) Dibenzofuran	15.428	168	190741	44.855	ng	97
56) 4-Nitrophenol	15.217	139	57383	99.718	ng	92
57) 2,4-Dinitrotoluene	15.375	165	52166	47.045	ng #	98
58) Fluorene	16.074	166	156262	44.408	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.645	232	51631	46.839	ng #	99
60) Diethylphthalate	15.816	149	165940	45.489	ng	99
61) 4-Chlorophenyl-phenyle...	16.051	204	90982	44.038	ng	98
62) 4-Nitroaniline	16.086	138	34940	43.335	ng	98
63) Azobenzene	16.344	77	159428	43.854	ng	99
65) 4,6-Dinitro-2-methylph...	16.139	198	35222	49.346	ng	94
66) n-Nitrosodiphenylamine	16.268	169	137091	43.332	ng	98
67) 4-Bromophenyl-phenylether	16.944	248	61608	42.248	ng	98
68) Hexachlorobenzene	17.079	284	68976	47.844	ng	98
69) Atrazine	17.196	200	60046	45.722	ng	94
70) Pentachlorophenol	17.419	266	83180	80.422	ng	97
71) Phenanthrene	17.813	178	260837	43.409	ng	98
72) Anthracene	17.907	178	265728	43.139	ng	100
73) Carbazole	18.171	167	235172	43.789	ng	96
74) Di-n-butylphthalate	18.688	149	266351	42.829	ng	100
75) Fluoranthene	19.804	202	299296	39.293	ng	98
77) Benzidine	19.963	184	139632	55.919	ng	97
78) Pyrene	20.163	202	299474	47.395	ng	99
80) Butylbenzylphthalate	21.020	149	101318	46.597	ng	93
81) Benzo(a)anthracene	22.072	228	277747	43.935	ng	100
82) 3,3'-Dichlorobenzidine	21.966	252	81716	38.279	ng	98
83) Chrysene	22.148	228	255867	43.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	142488	45.255	ng	95
85) Di-n-octyl phthalate	23.247	149	234432	44.184	ng	98
87) Indeno(1,2,3-cd)pyrene	29.762	276	324793	44.497	ng #	97
88) Benzo(b)fluoranthene	24.510	252	283411	45.888	ng	99
89) Benzo(k)fluoranthene	24.586	252	282798	45.865	ng	98
90) Benzo(a)pyrene	25.479	252	248575	40.958	ng	99
91) Dibenzo(a,h)anthracene	29.814	278	271278	45.214	ng	98
92) Benzo(g,h,i)perylene	31.060	276	260940	44.415	ng #	98

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

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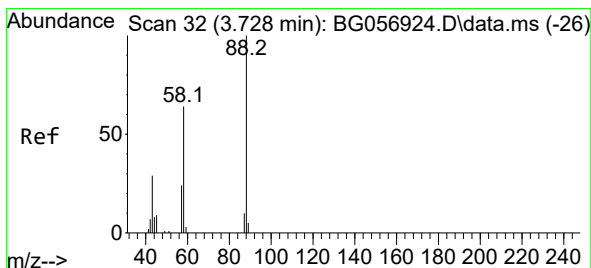
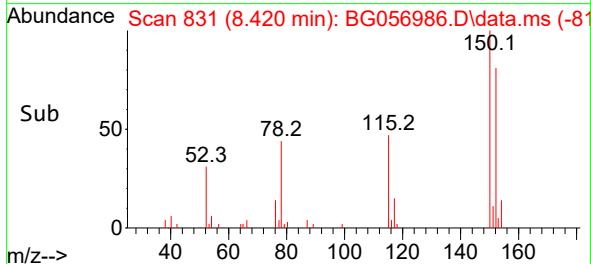
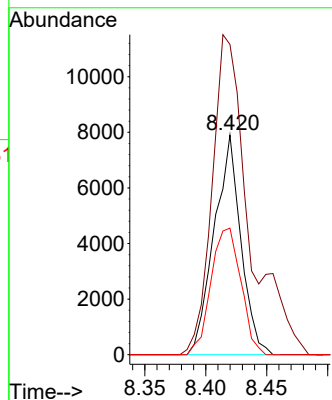
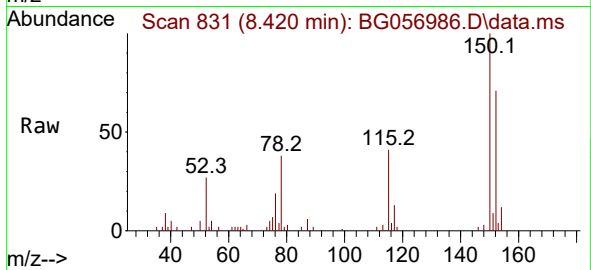




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.420 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

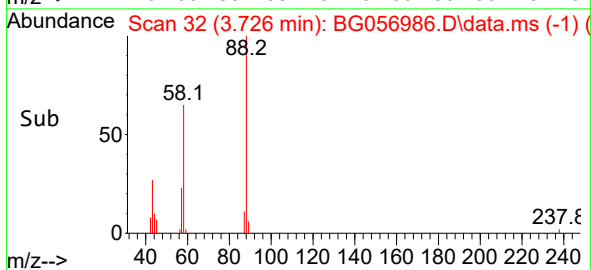
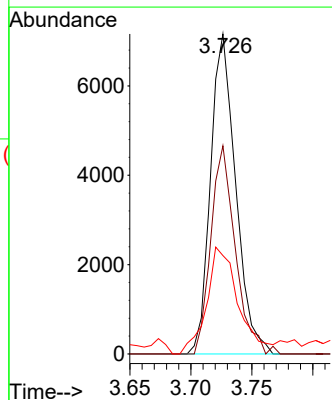
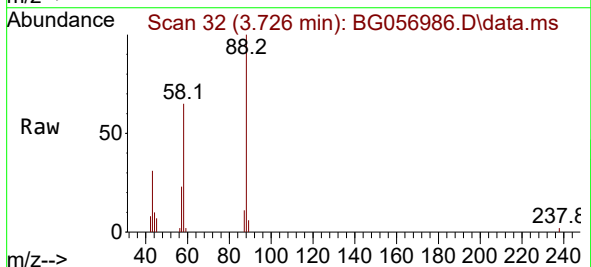
Instrument :
BNA_G
ClientSampleId :
PB151898BS

Tgt Ion:152 Resp: 12048
Ion Ratio Lower Upper
152 100
150 141.3 124.1 186.1
115 57.7 49.1 73.7



#2
1,4-Dioxane
Concen: 31.112 ng
RT: 3.726 min Scan# 32
Delta R.T. -0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 88 Resp: 10267
Ion Ratio Lower Upper
88 100
58 63.5 55.9 83.9
43 42.2 25.7 38.5#

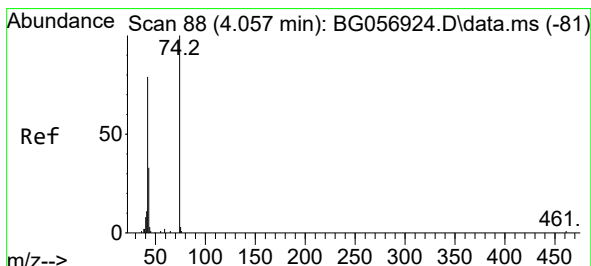
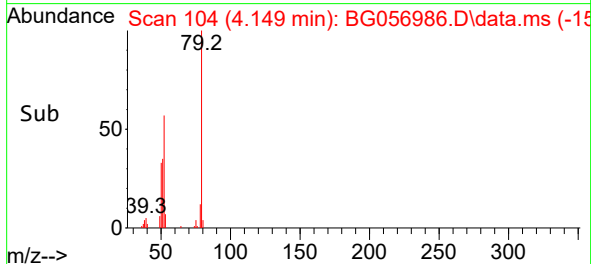
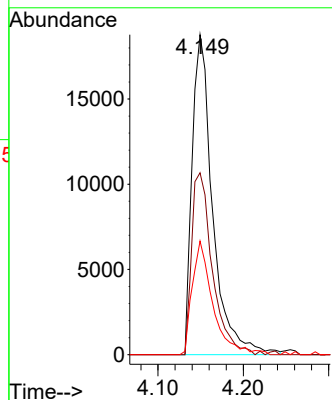
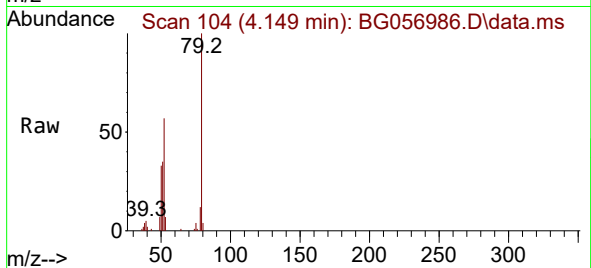




#3
 Pyridine
 Concen: 29.571 ng
 RT: 4.149 min Scan# 104
 Delta R.T. -0.006 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

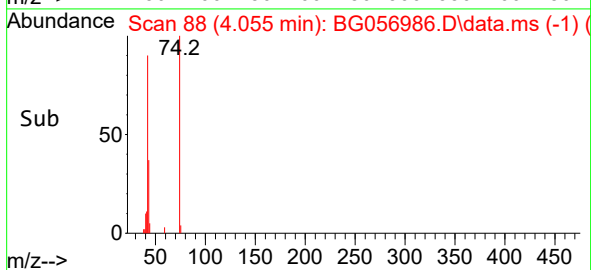
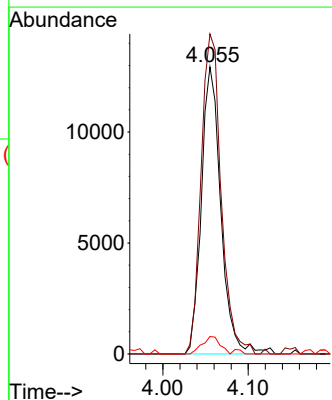
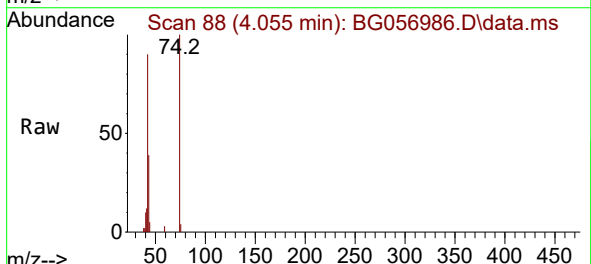
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BS

Tgt Ion: 79 Resp: 31430
 Ion Ratio Lower Upper
 79 100
 52 56.9 46.1 69.1
 51 35.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 42.087 ng
 RT: 4.055 min Scan# 88
 Delta R.T. -0.006 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

Tgt Ion: 42 Resp: 20567
 Ion Ratio Lower Upper
 42 100
 74 111.5 100.6 151.0
 44 6.1 4.6 7.0

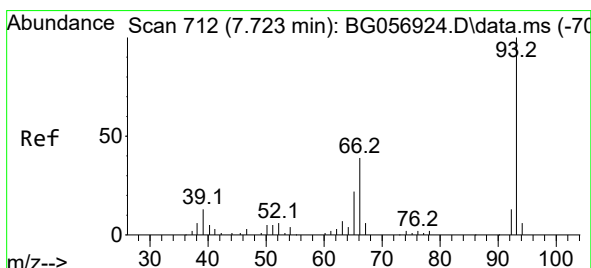
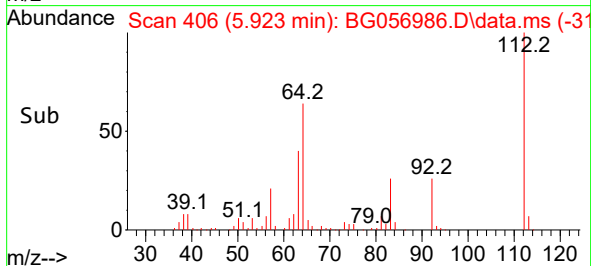
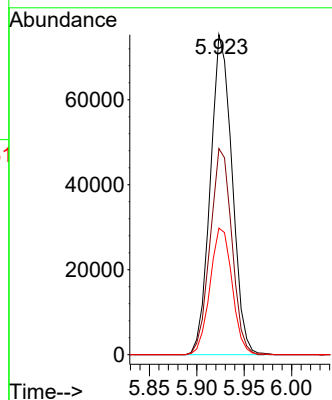
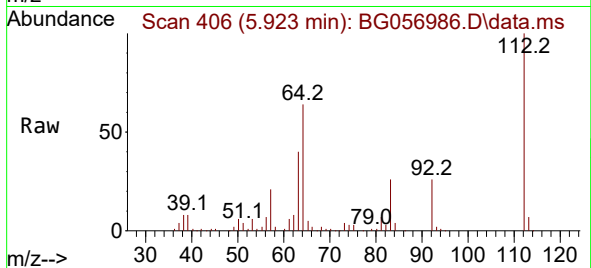




#5
2-Fluorophenol
Concen: 159.463 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

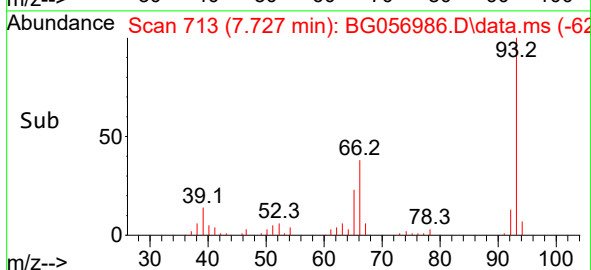
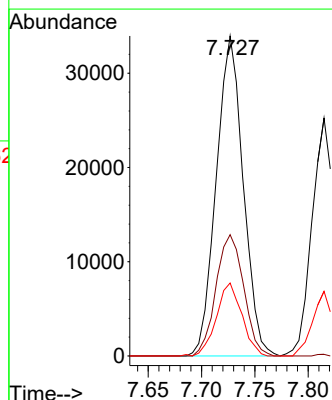
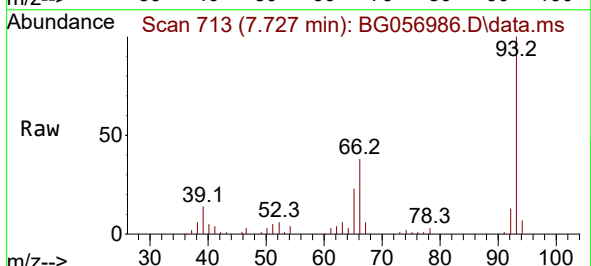
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ClientSampleId :
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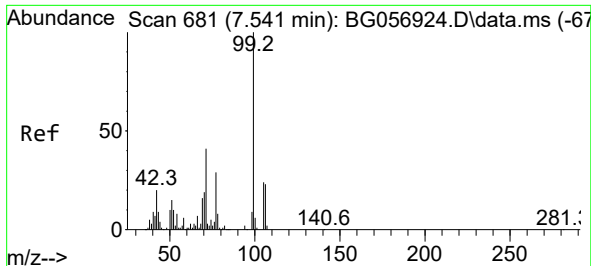
Tgt Ion:112 Resp: 120042
Ion Ratio Lower Upper
112 100
64 64.4 53.2 79.8
63 39.5 32.6 48.8



#6
Aniline
Concen: 41.452 ng
RT: 7.727 min Scan# 713
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 93 Resp: 59664
Ion Ratio Lower Upper
93 100
66 37.9 31.4 47.0
65 22.8 17.3 25.9

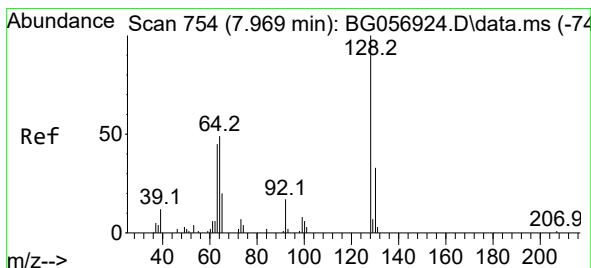
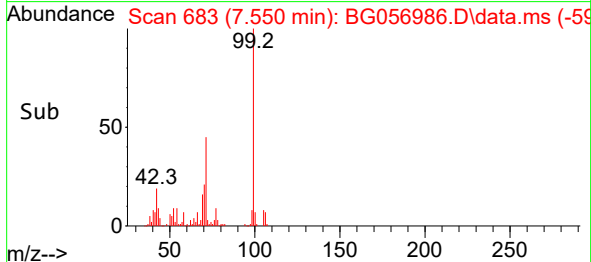
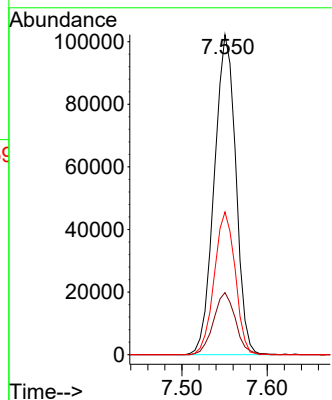
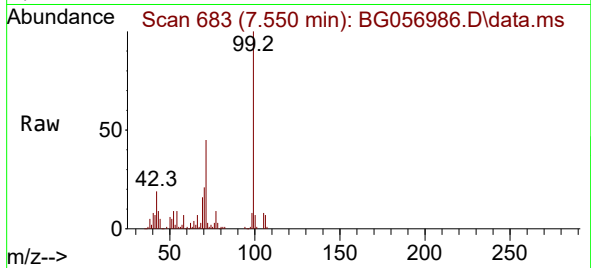




#7
Phenol-d6
Concen: 159.190 ng
RT: 7.550 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

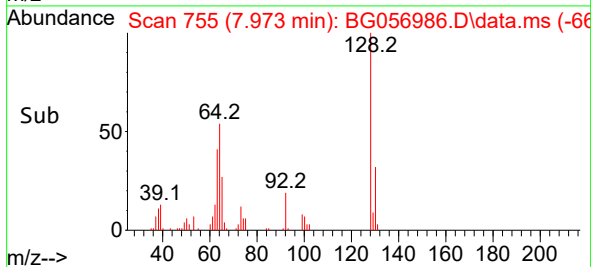
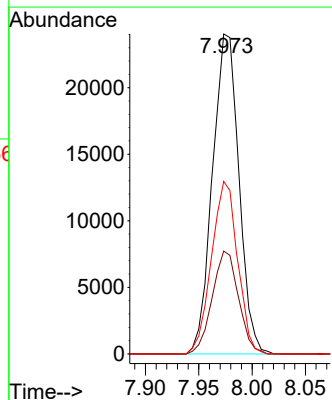
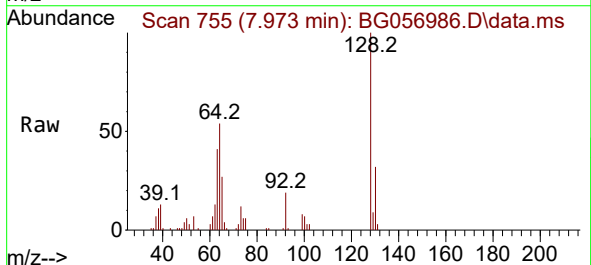
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 179230
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 44.6 32.5 48.7



#8
2-Chlorophenol
Concen: 55.264 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 128 Resp: 41438
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 53.9 40.6 80.6

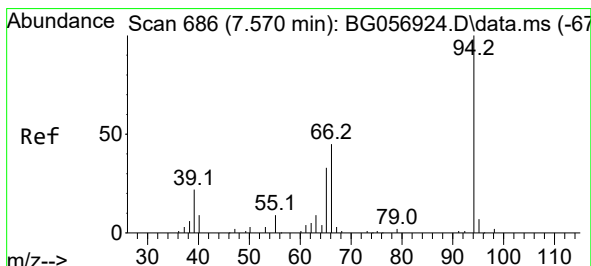
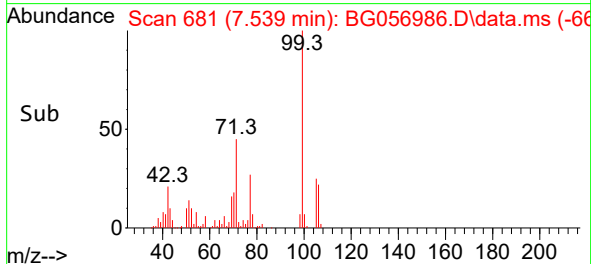
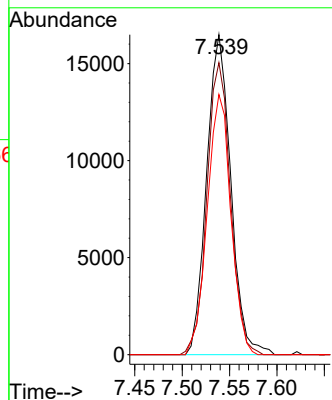
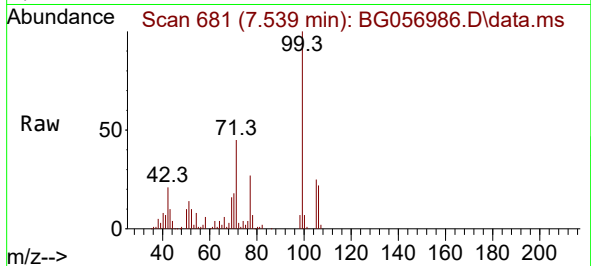




#9
Benzaldehyde
Concen: 41.416 ng
RT: 7.539 min Scan# 680
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

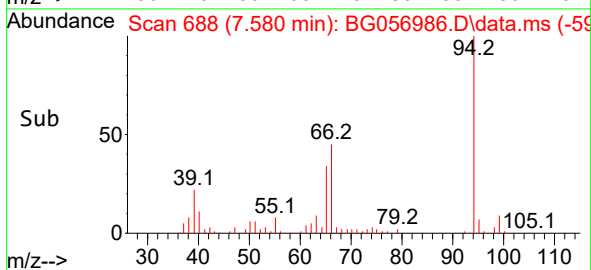
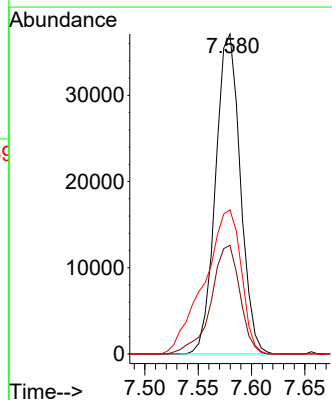
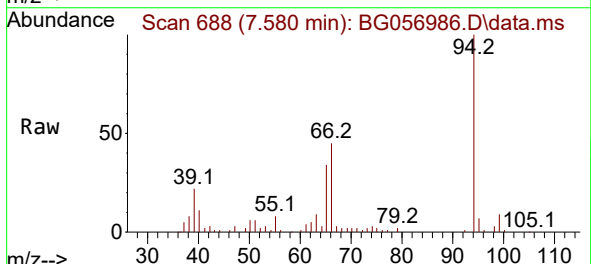
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BNA_G
ClientSampleId :
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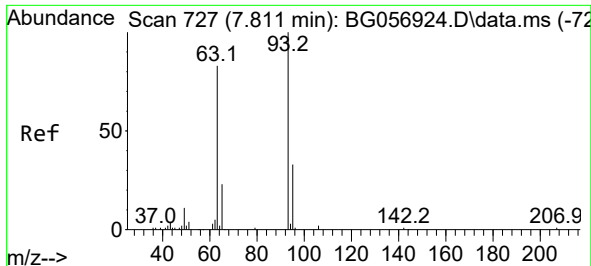
Tgt Ion: 77 Resp: 29247
Ion Ratio Lower Upper
77 100
105 91.2 73.6 113.6
106 81.3 56.7 96.7



#10
Phenol
Concen: 53.567 ng
RT: 7.580 min Scan# 688
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 94 Resp: 59760
Ion Ratio Lower Upper
94 100
65 33.9 13.3 53.3
66 45.0 26.7 66.7

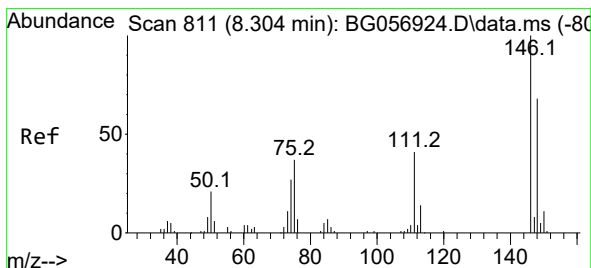
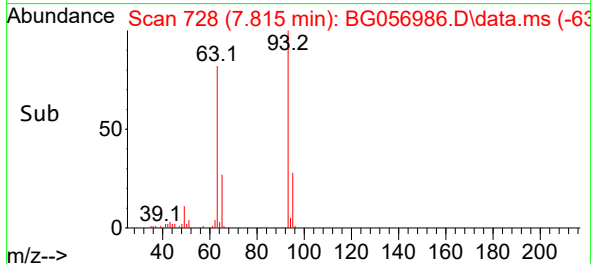
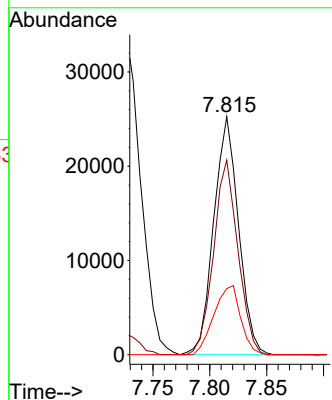
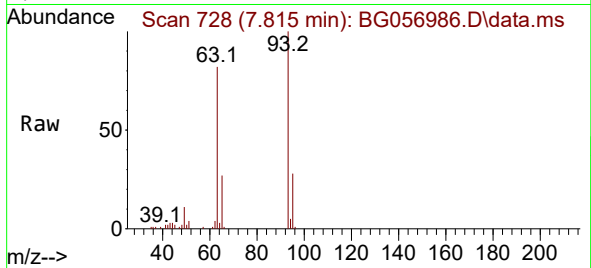




#11
bis(2-Chloroethyl)ether
Concen: 48.198 ng
RT: 7.815 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

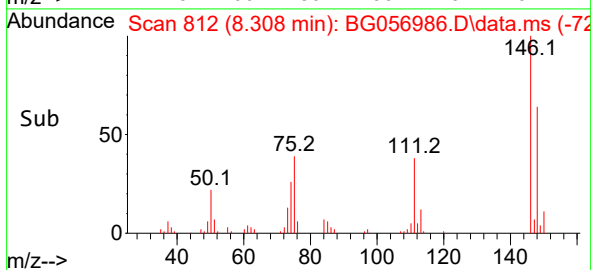
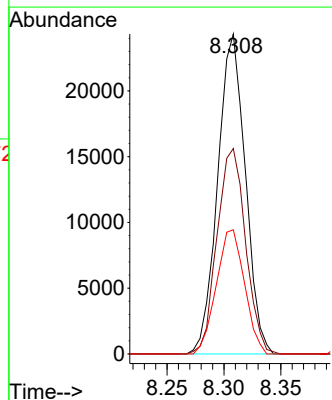
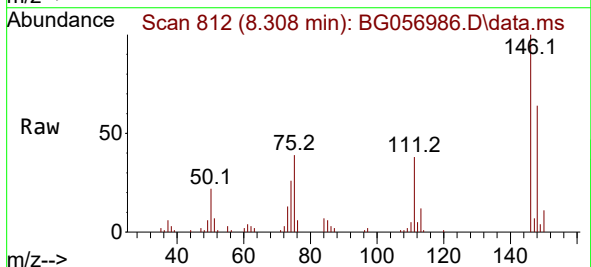
Instrument :
BNA_G
ClientSampleId :
PB151898BS

Tgt Ion: 93 Resp: 38302
Ion Ratio Lower Upper
93 100
63 81.8 62.7 102.7
95 27.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.589 ng
RT: 8.308 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 146 Resp: 41085
Ion Ratio Lower Upper
146 100
148 64.2 54.2 81.4
75 38.8 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 50.088 ng

RT: 8.455 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

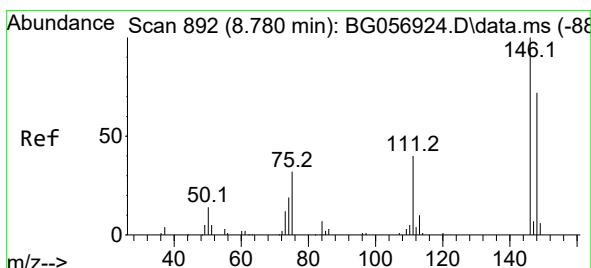
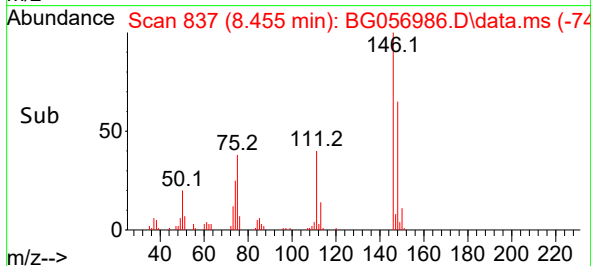
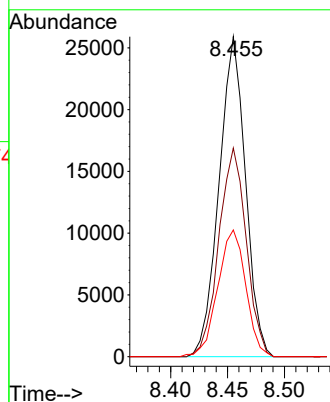
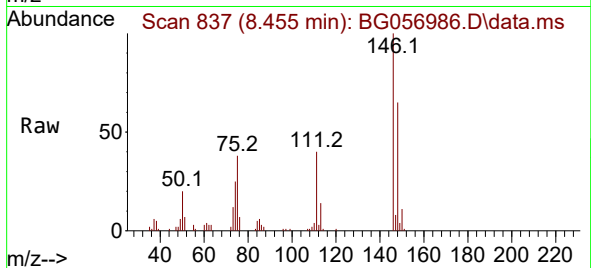
Tgt Ion:146 Resp: 41883

Ion Ratio Lower Upper

146 100

148 65.2 54.8 82.2

111 39.6 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 51.439 ng

RT: 8.778 min Scan# 892

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

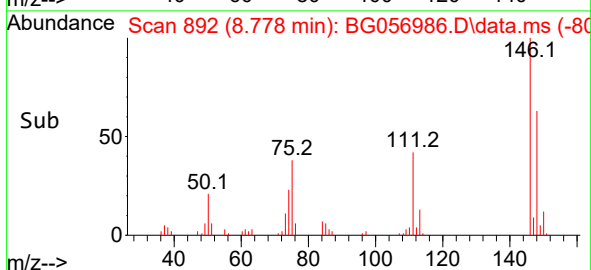
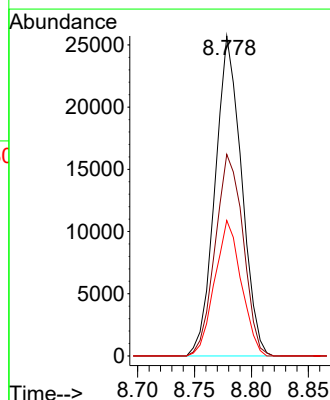
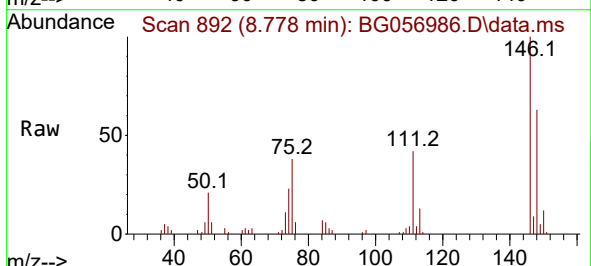
Tgt Ion:146 Resp: 41556

Ion Ratio Lower Upper

146 100

148 63.0 57.4 86.0

111 42.3 33.2 49.8

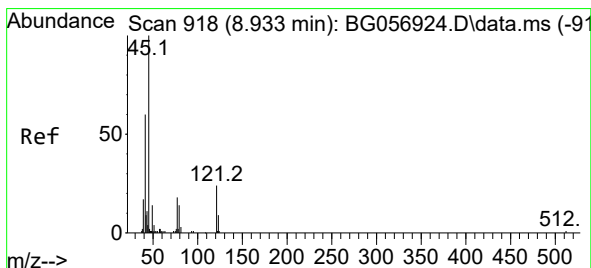
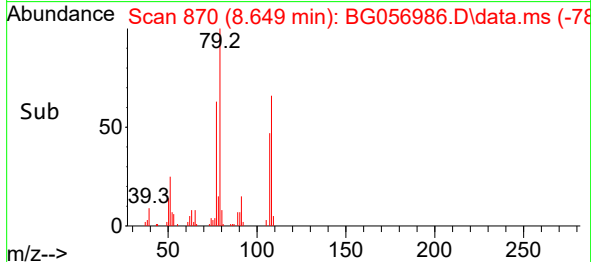
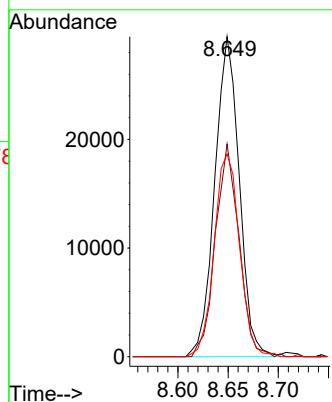
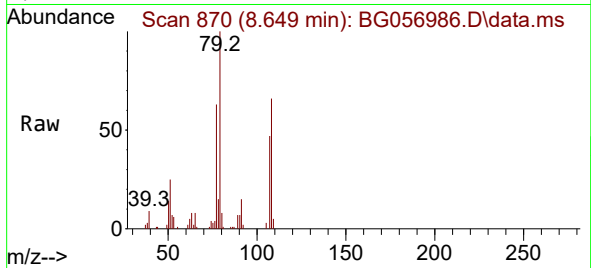




#15
Benzyl Alcohol
Concen: 53.371 ng
RT: 8.649 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

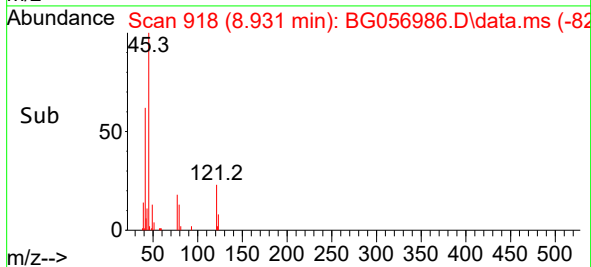
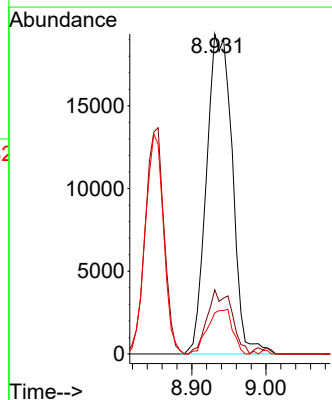
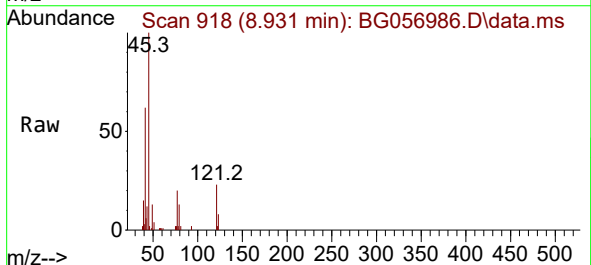
Instrument :
BNA_G
ClientSampleId :
PB151898BS

Tgt Ion: 79 Resp: 49930
Ion Ratio Lower Upper
79 100
108 66.4 51.2 76.8
77 63.4 54.4 81.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.722 ng
RT: 8.931 min Scan# 918
Delta R.T. -0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 45 Resp: 46662
Ion Ratio Lower Upper
45 100
77 20.0 0.0 38.7
79 12.9 0.0 35.1





#17

2-Methylphenol

Concen: 51.824 ng

RT: 8.849 min Scan# 903

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

Tgt Ion:107 Resp: 41248

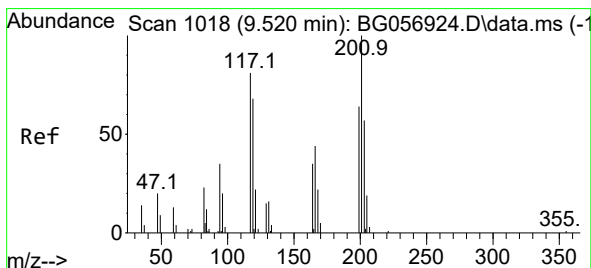
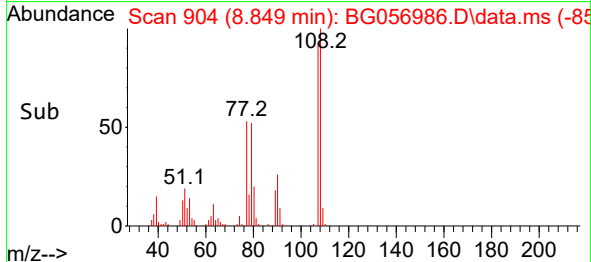
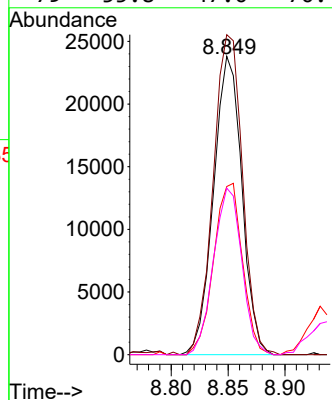
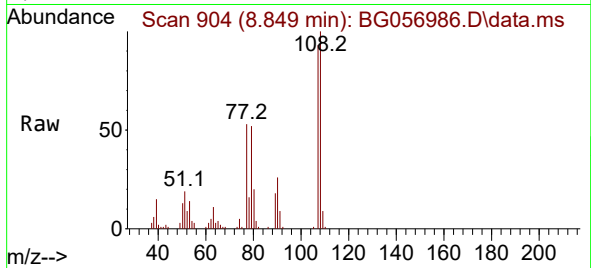
Ion Ratio Lower Upper

107 100

108 107.2 96.0 144.0

77 56.3 45.6 68.4

79 55.8 47.0 70.4



#18

Hexachloroethane

Concen: 49.491 ng

RT: 9.518 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

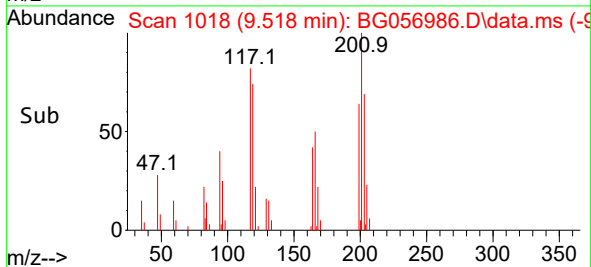
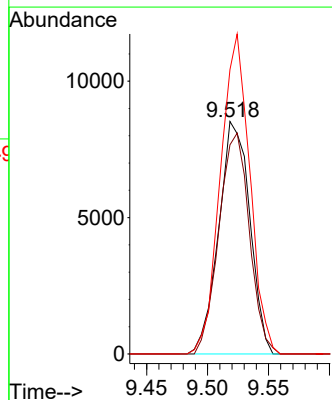
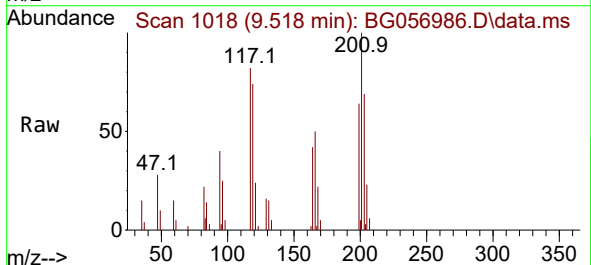
Tgt Ion:117 Resp: 15126

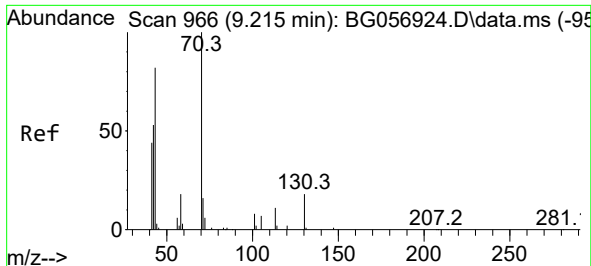
Ion Ratio Lower Upper

117 100

119 89.9 67.0 100.6

201 122.3 98.7 148.1

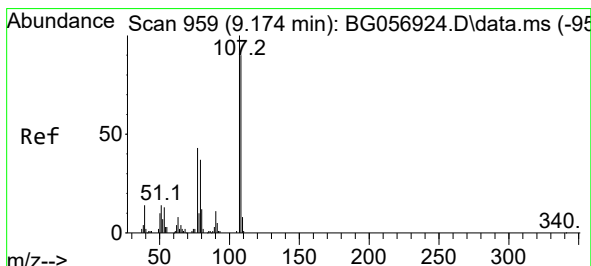
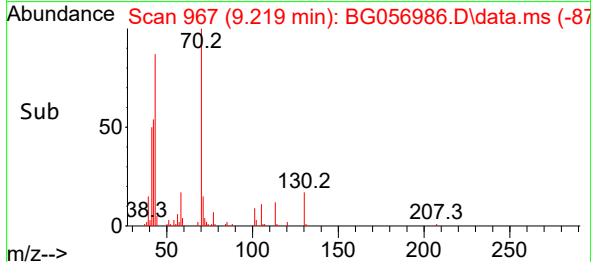
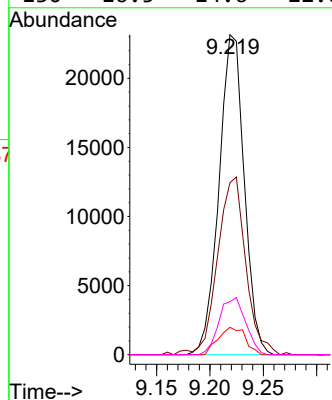
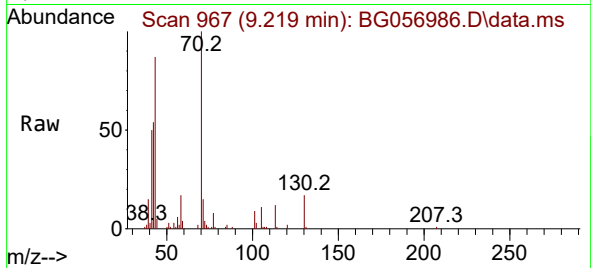




#19
n-Nitroso-di-n-propylamine
Concen: 47.321 ng
RT: 9.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

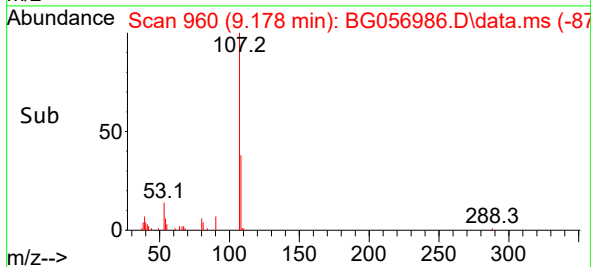
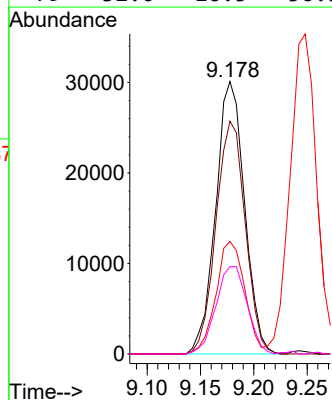
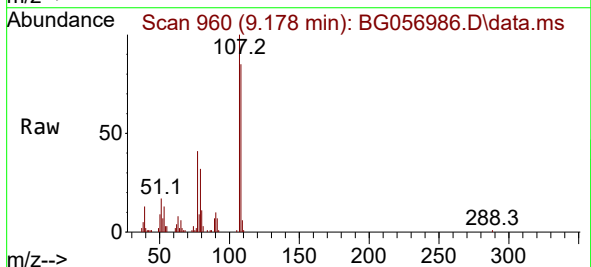
Instrument :
BNA_G
ClientSampleId :
PB151898BS

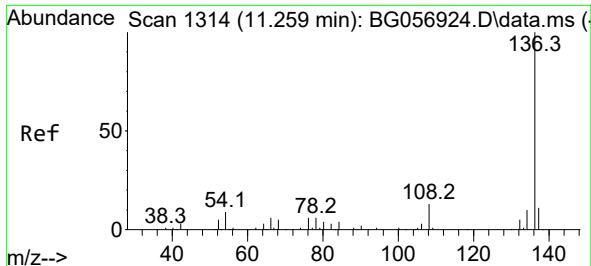
Tgt Ion: 70 Resp: 38108
Ion Ratio Lower Upper
70 100
42 53.7 43.4 65.0
101 8.6 6.2 9.2
130 16.5 14.6 22.0



#20
3+4-Methylphenols
Concen: 50.905 ng
RT: 9.178 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

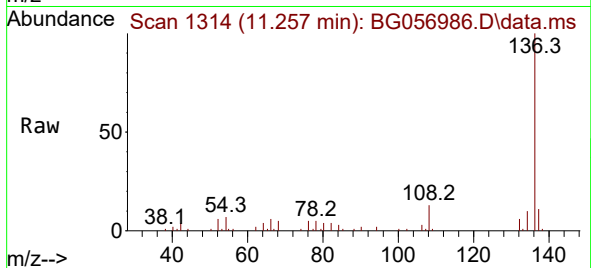
Tgt Ion: 107 Resp: 56655
Ion Ratio Lower Upper
107 100
108 85.4 69.9 109.9
77 41.3 22.7 62.7
79 32.0 16.5 56.5



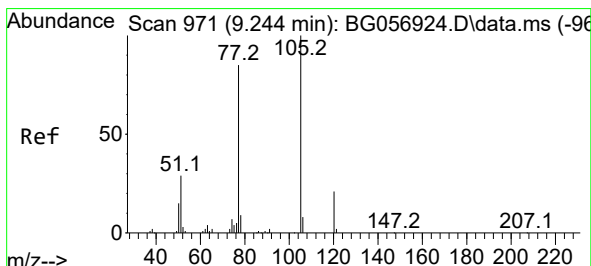
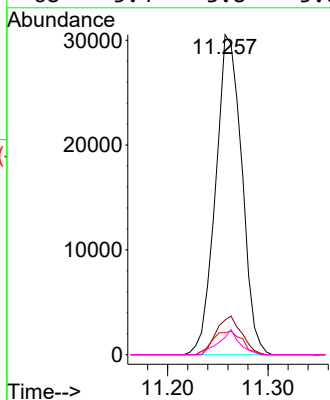
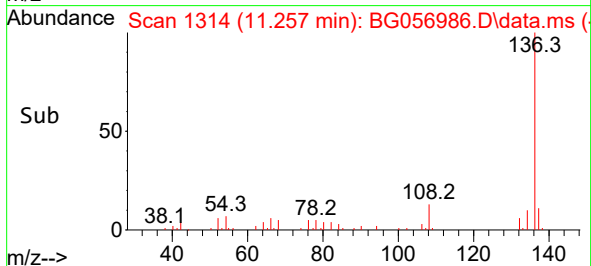


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

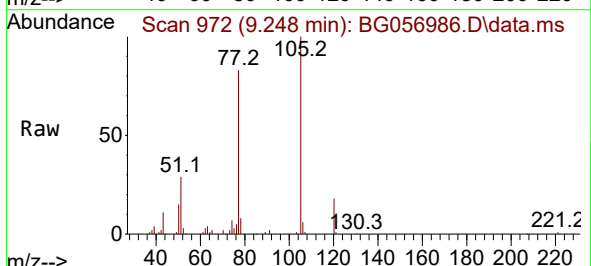
Instrument :
BNA_G
ClientSampleId :
PB151898BS



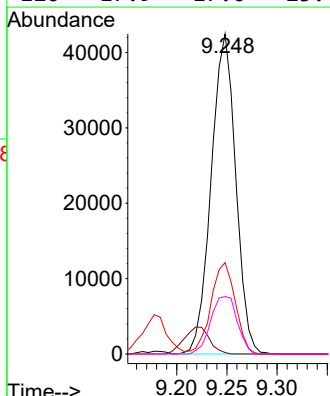
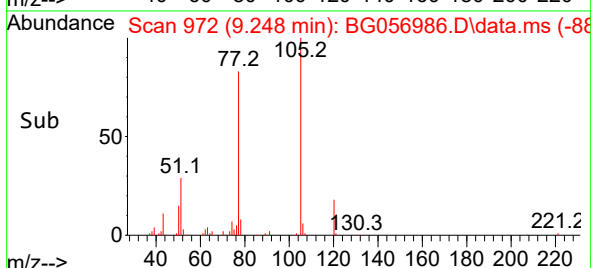
Tgt Ion:136 Resp: 55240
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 6.9 10.3#
68 5.4 3.8 5.6

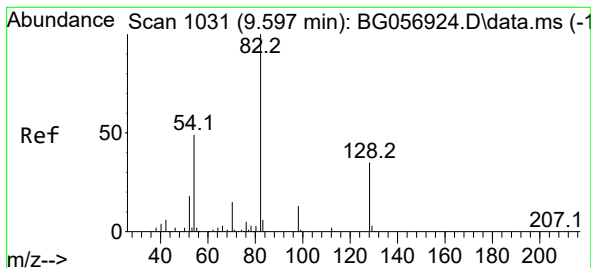


#22
Acetophenone
Concen: 43.869 ng
RT: 9.248 min Scan# 972
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23



Tgt Ion:105 Resp: 72109
Ion Ratio Lower Upper
105 100
71 0.4 0.7 1.1#
51 28.5 23.8 35.8
120 17.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 86.530 ng

RT: 9.595 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

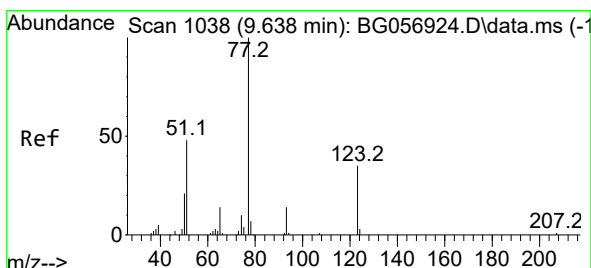
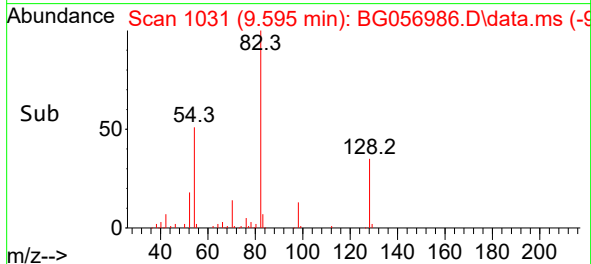
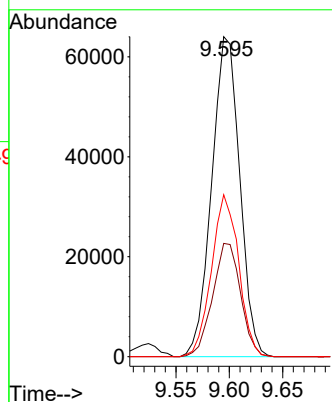
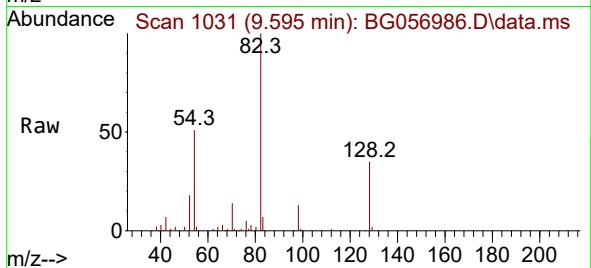
Tgt Ion: 82 Resp: 116818

Ion Ratio Lower Upper

82 100

128 35.4 27.9 41.9

54 50.6 39.4 59.2



#24

Nitrobenzene

Concen: 42.889 ng

RT: 9.642 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

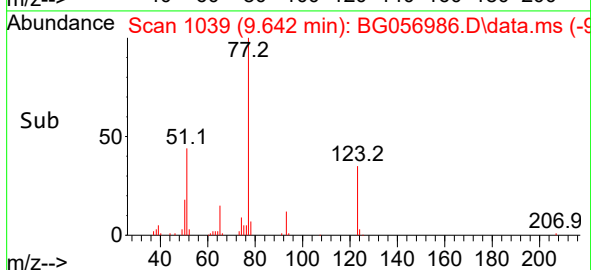
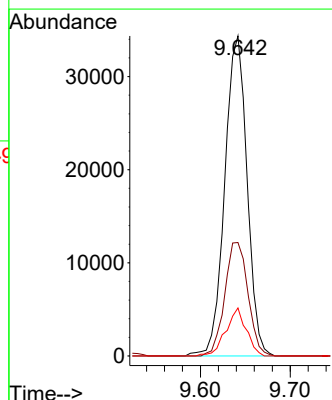
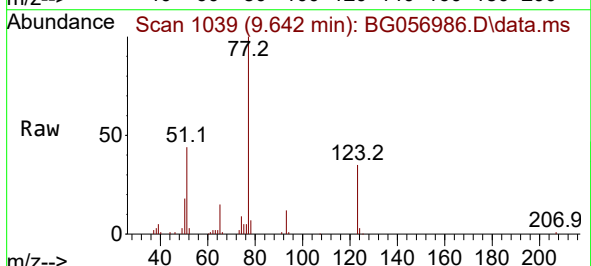
Tgt Ion: 77 Resp: 59198

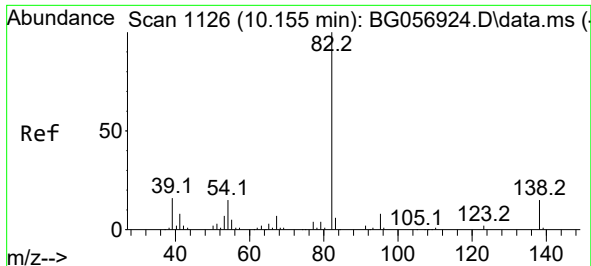
Ion Ratio Lower Upper

77 100

123 35.4 27.6 41.4

65 15.0 11.5 17.3

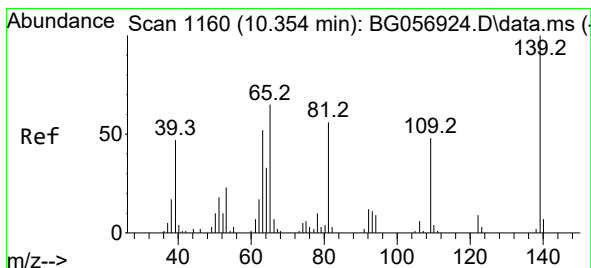
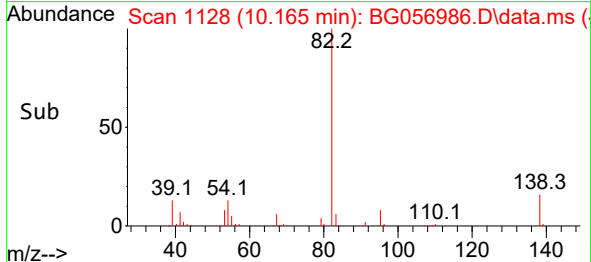
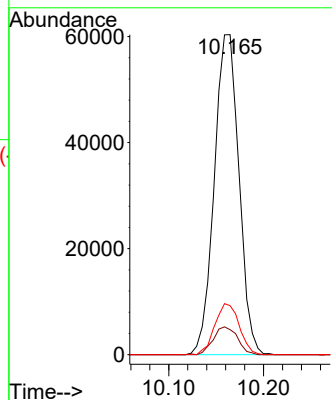
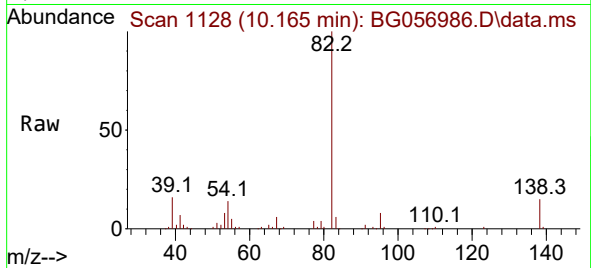




#25
Isophorone
Concen: 42.479 ng
RT: 10.165 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

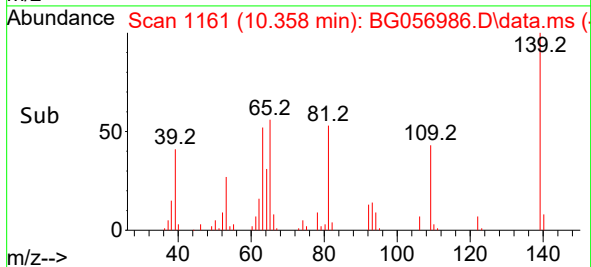
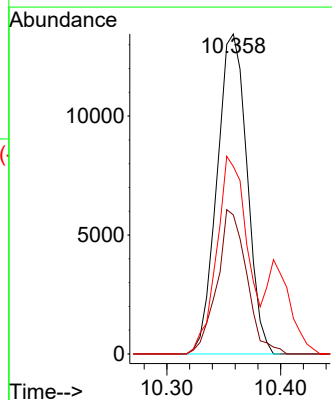
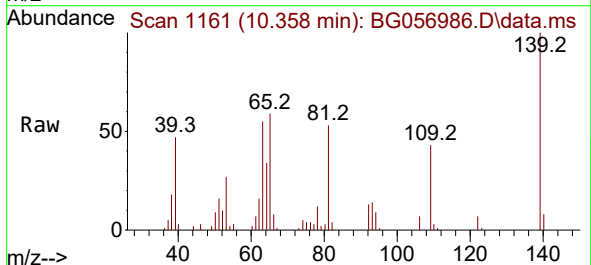
Instrument :
BNA_G
ClientSampleId :
PB151898BS

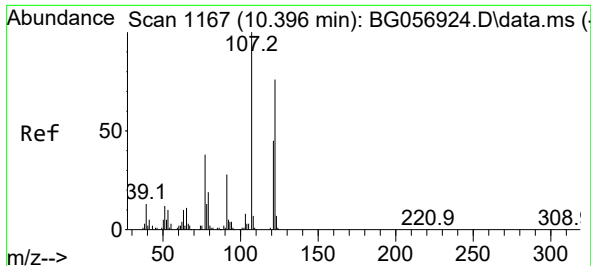
Tgt Ion: 82 Resp: 109204
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 15.3 11.8 17.8



#26
2-Nitrophenol
Concen: 46.302 ng
RT: 10.358 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:139 Resp: 24668
Ion Ratio Lower Upper
139 100
109 43.4 38.2 57.4
65 58.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 47.924 ng

RT: 10.400 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

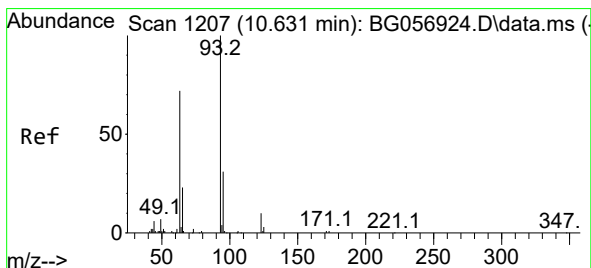
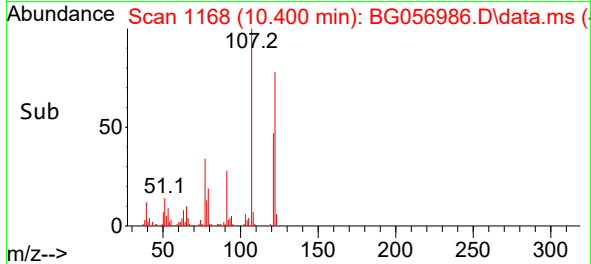
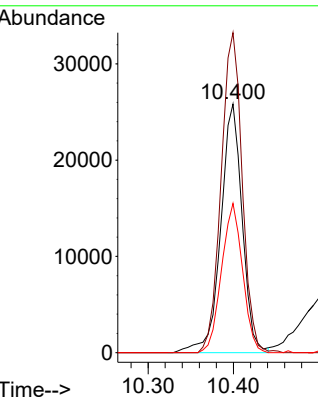
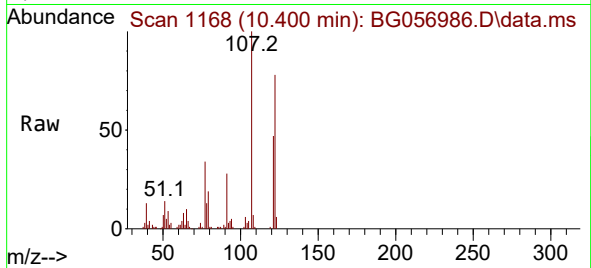
Tgt Ion:122 Resp: 45080

Ion Ratio Lower Upper

122 100

107 128.7 105.7 158.5

121 60.0 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.482 ng

RT: 10.635 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

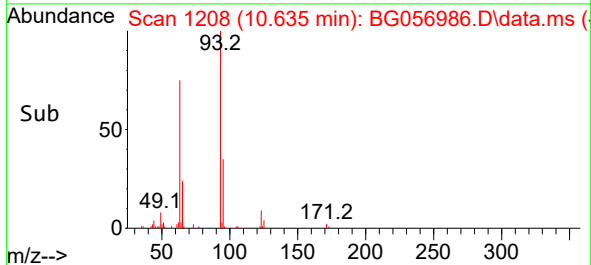
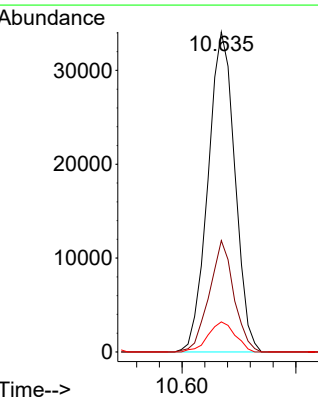
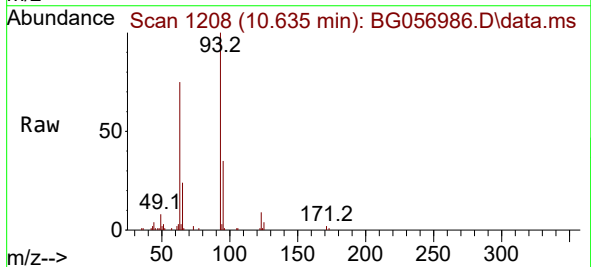
Tgt Ion: 93 Resp: 55964

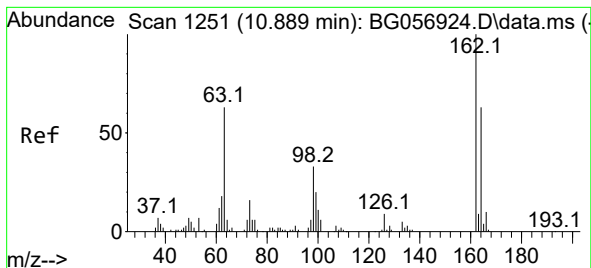
Ion Ratio Lower Upper

93 100

95 34.8 24.6 37.0

123 9.4 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 45.909 ng

RT: 10.899 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

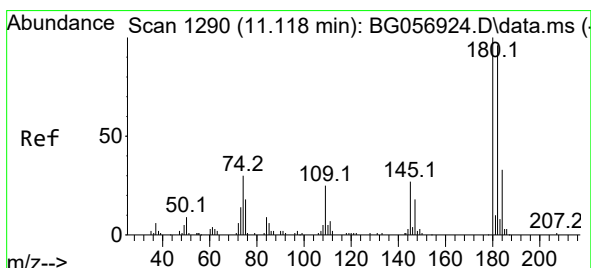
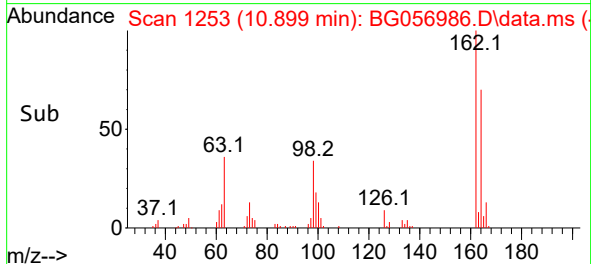
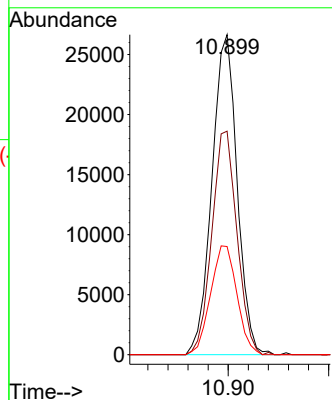
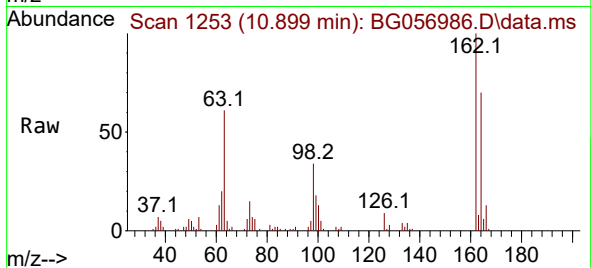
Tgt Ion:162 Resp: 46442

Ion Ratio Lower Upper

162 100

164 69.8 43.4 83.4

98 33.8 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 44.579 ng

RT: 11.116 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

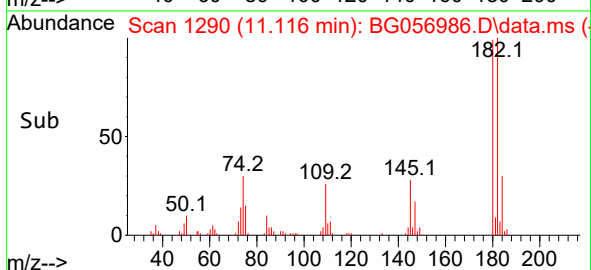
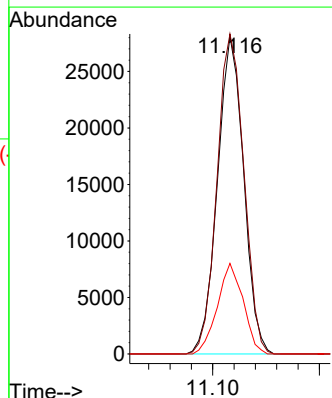
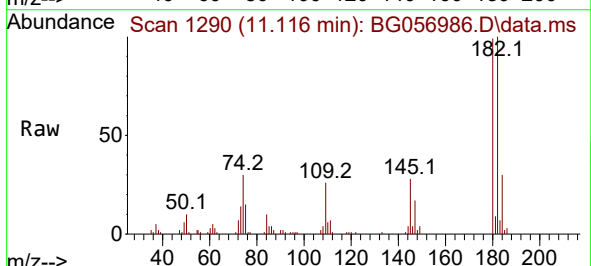
Tgt Ion:180 Resp: 47917

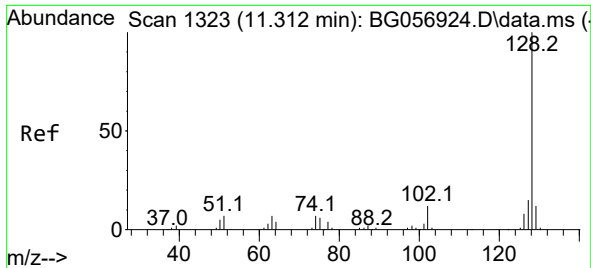
Ion Ratio Lower Upper

180 100

182 100.7 77.1 115.7

145 28.5 21.3 31.9

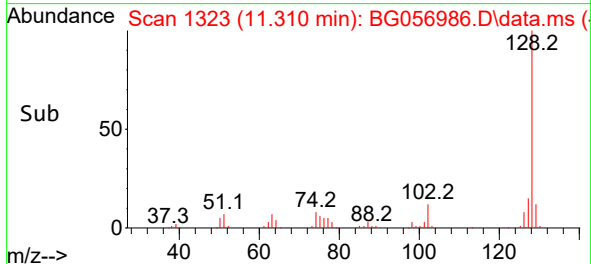
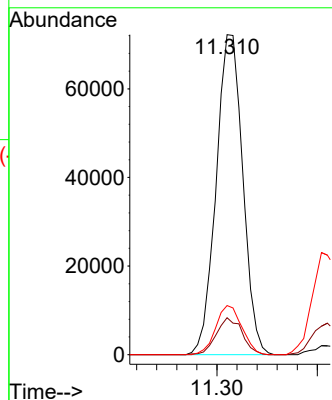
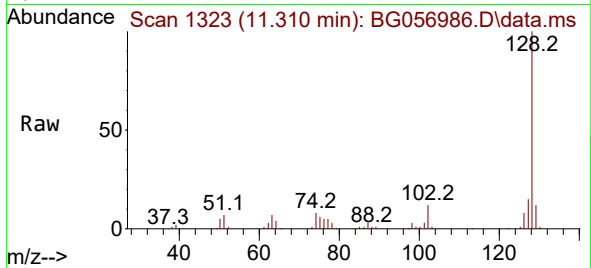




#31
Naphthalene
Concen: 44.266 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

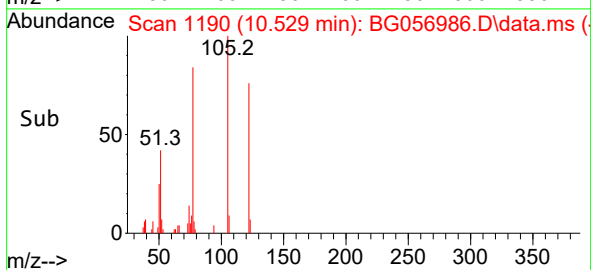
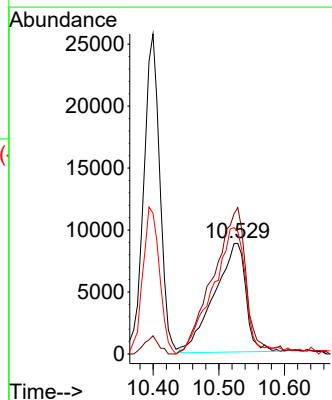
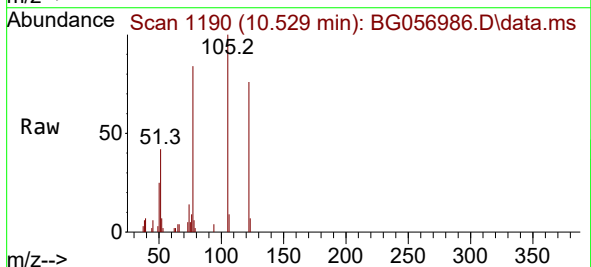
Instrument :
BNA_G
ClientSampleId :
PB151898BS

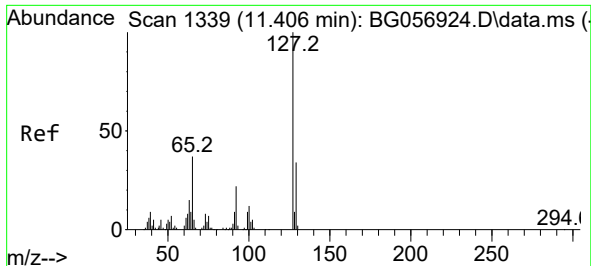
Tgt Ion:128 Resp: 133283
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 15.4 12.2 18.4



#32
Benzoic acid
Concen: 45.116 ng
RT: 10.529 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:122 Resp: 29151
Ion Ratio Lower Upper
122 100
105 132.4 105.4 145.4
77 110.9 87.4 127.4

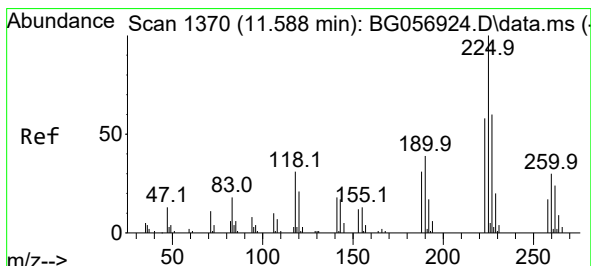
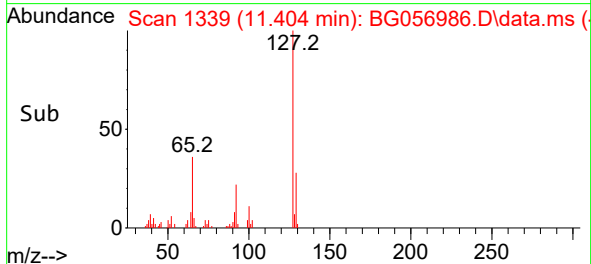
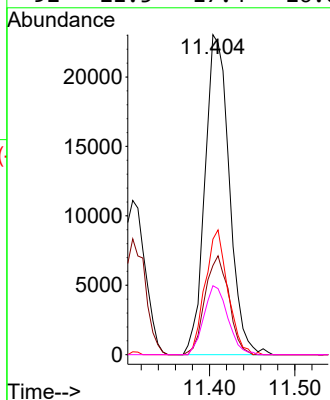
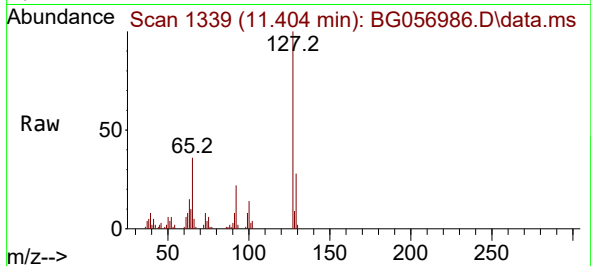




#33
4-Chloroaniline
Concen: 33.638 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

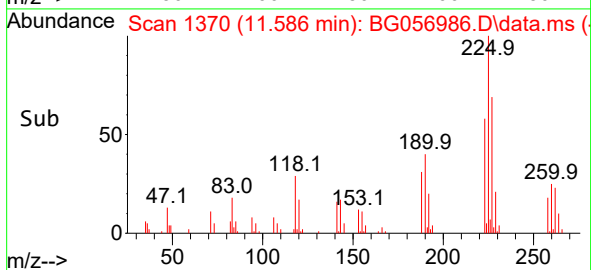
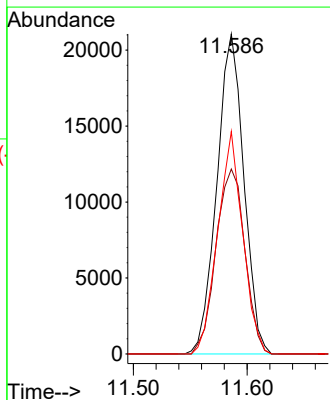
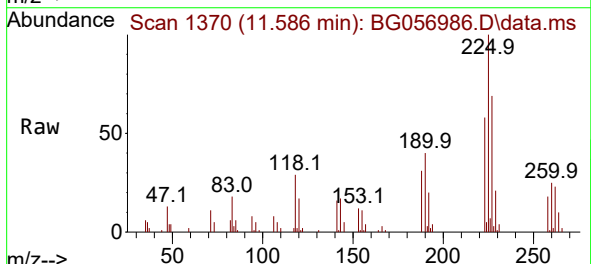
Instrument :
BNA_G
ClientSampleId :
PB151898BS

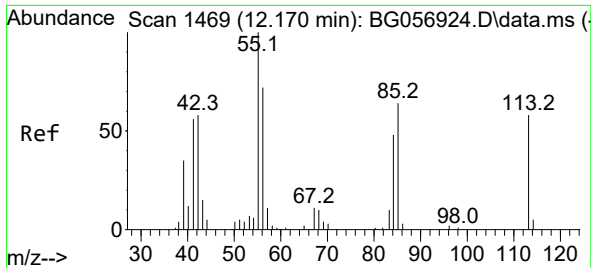
Tgt Ion:	127	Resp:	45744
Ion	Ratio	Lower	Upper
127	100		
129	27.9	27.6	41.4
65	36.1	29.8	44.8
92	21.5	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.974 ng
RT: 11.586 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:	225	Resp:	34698
Ion	Ratio	Lower	Upper
225	100		
223	57.8	46.4	69.6
227	69.5	48.0	72.0

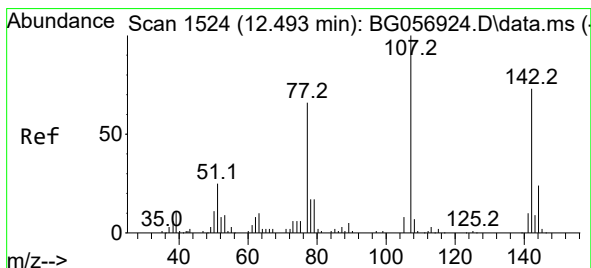
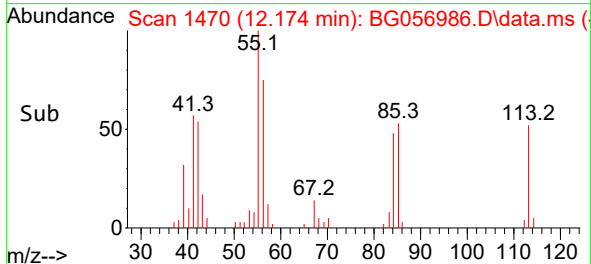
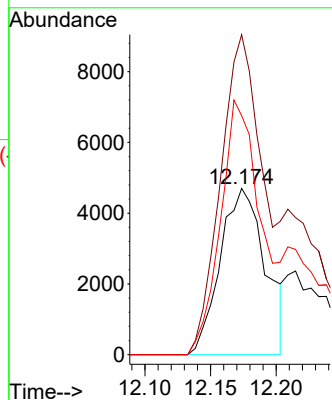
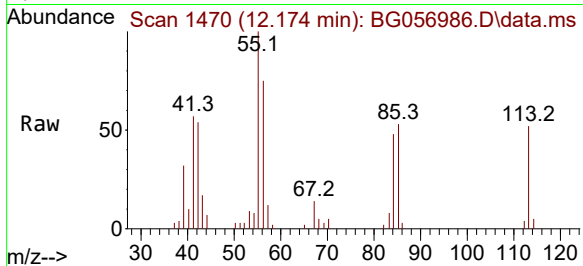




#35
Caprolactam
Concen: 32.152 ng
RT: 12.174 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

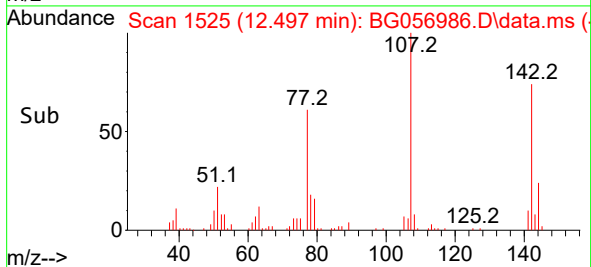
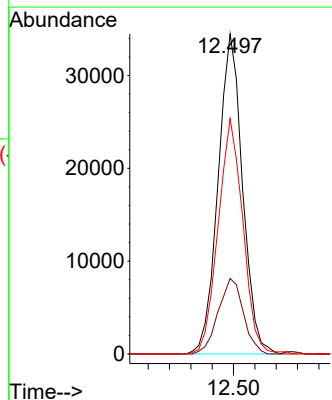
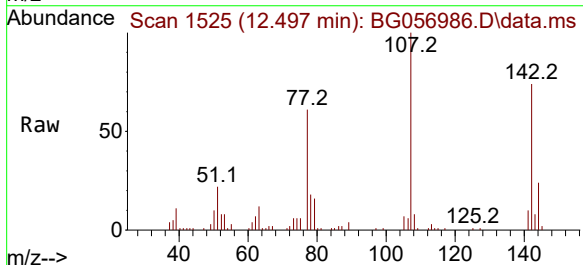
Instrument :
BNA_G
ClientSampleId :
PB151898BS

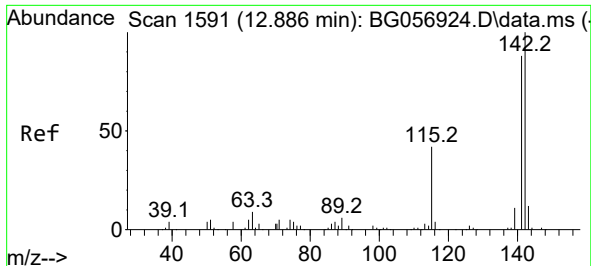
Tgt Ion:113 Resp: 11217
Ion Ratio Lower Upper
113 100
55 192.5 151.6 191.6#
56 143.8 103.7 143.7#



#36
4-Chloro-3-methylphenol
Concen: 48.438 ng
RT: 12.497 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:107 Resp: 54799
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.4
142 73.5 58.6 88.0





#37

2-Methylnaphthalene

Concen: 42.953 ng

RT: 12.884 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

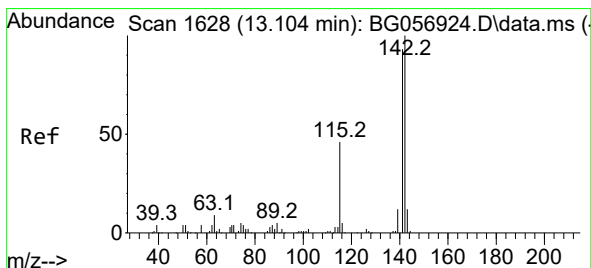
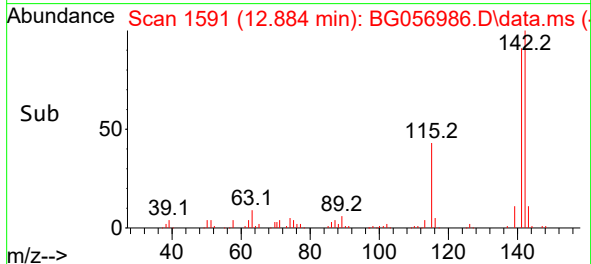
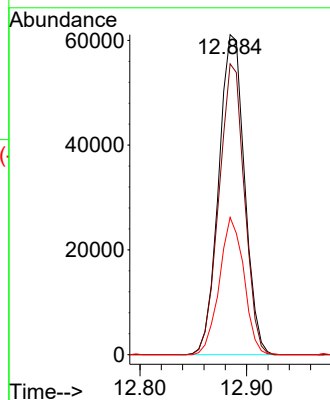
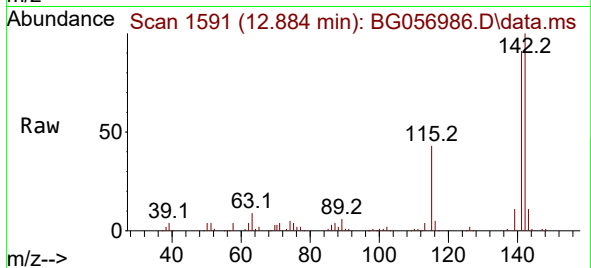
Tgt Ion:142 Resp: 102645

Ion Ratio Lower Upper

142 100

141 90.9 70.3 105.5

115 42.9 33.5 50.3



#38

1-Methylnaphthalene

Concen: 42.388 ng

RT: 13.102 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

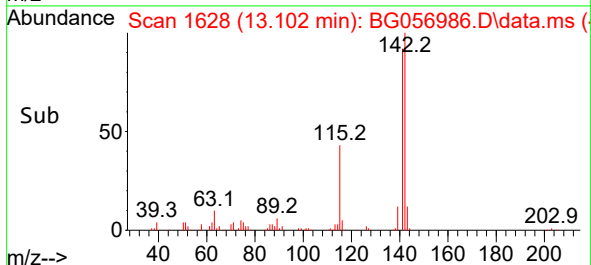
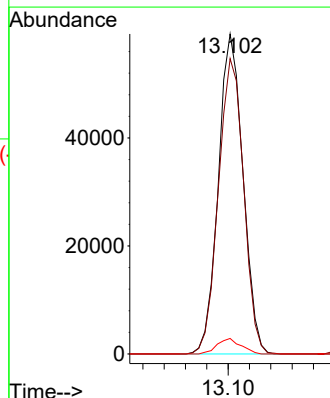
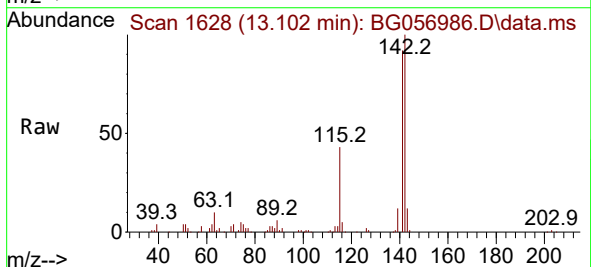
Tgt Ion:142 Resp: 95115

Ion Ratio Lower Upper

142 100

141 92.3 74.0 111.0

116 4.9 3.7 5.5

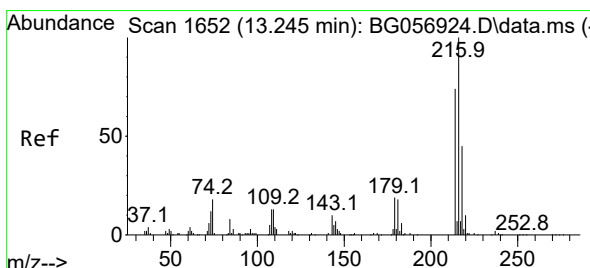
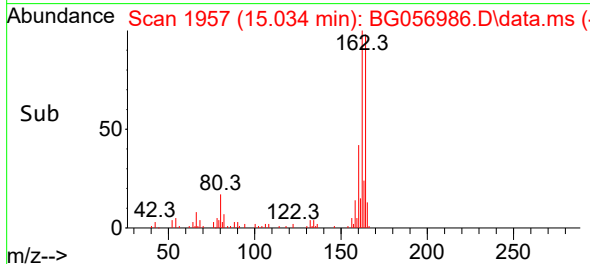
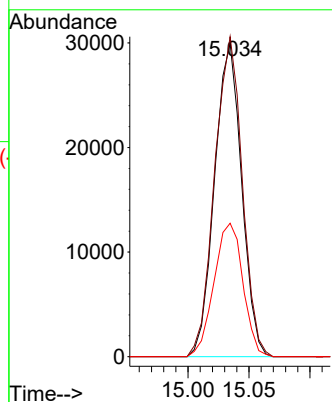
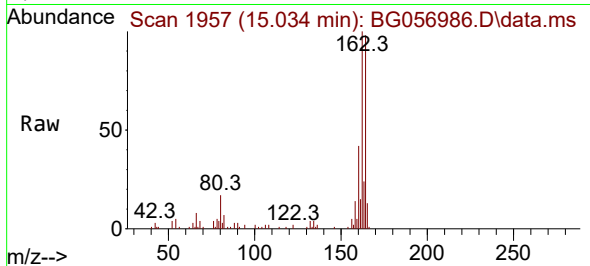




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.034 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

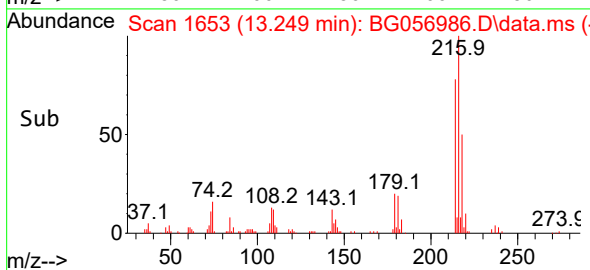
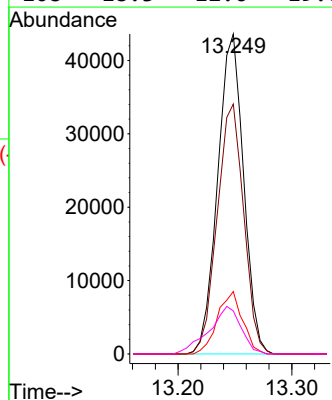
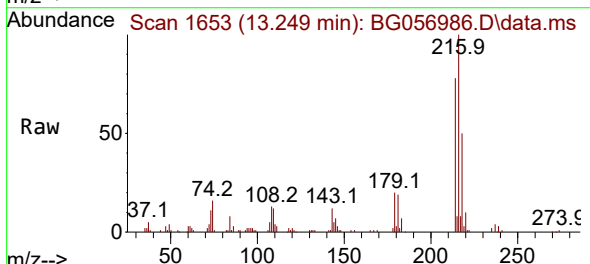
Instrument :
BNA_G
ClientSampleId :
PB151898BS

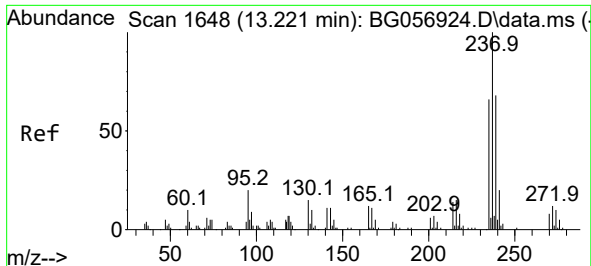
Tgt Ion:164 Resp: 46182
Ion Ratio Lower Upper
164 100
162 102.1 77.8 116.8
160 42.6 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.081 ng
RT: 13.249 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

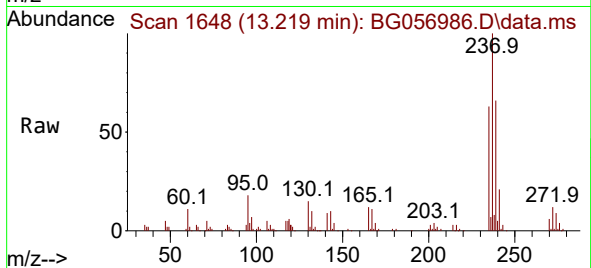
Tgt Ion:216 Resp: 68993
Ion Ratio Lower Upper
216 100
214 79.8 63.3 94.9
179 18.9 15.0 22.6
108 18.3 12.6 19.0



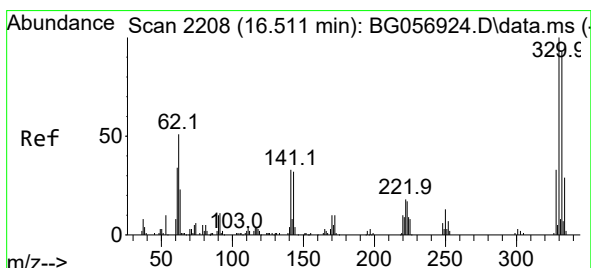
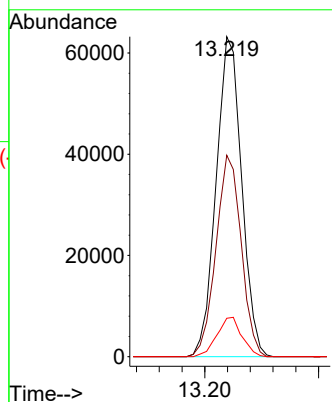
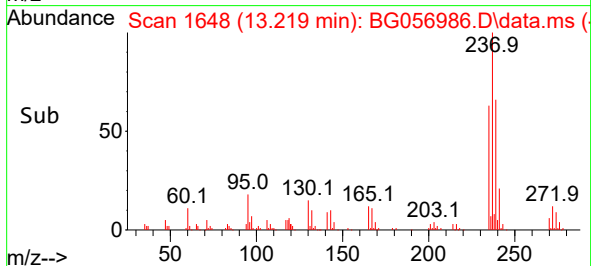


#41
Hexachlorocyclopentadiene
Concen: 111.686 ng
RT: 13.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

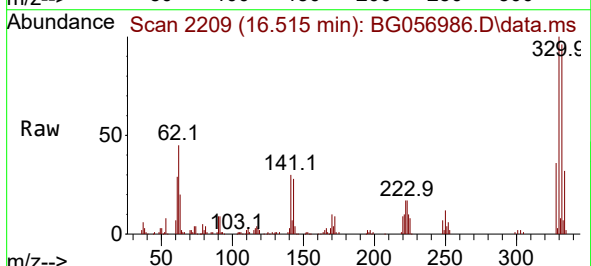
Instrument :
BNA_G
ClientSampleId :
PB151898BS



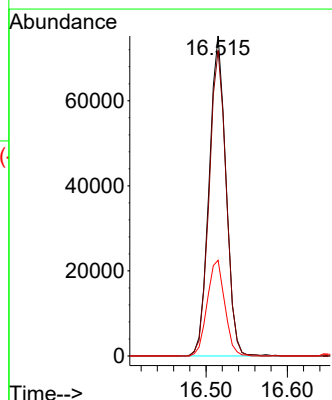
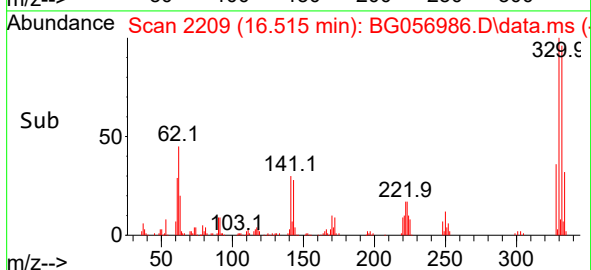
Tgt Ion:237 Resp: 98548
Ion Ratio Lower Upper
237 100
235 63.0 45.9 85.9
272 12.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 146.565 ng
RT: 16.515 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23



Tgt Ion:330 Resp: 108132
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 31.1 25.8 38.6

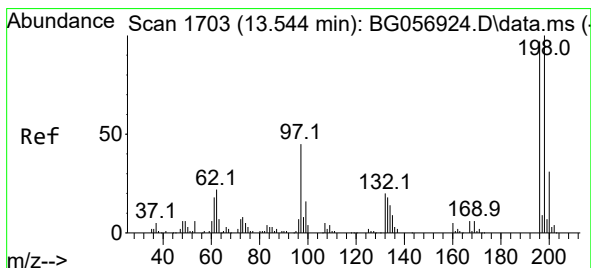
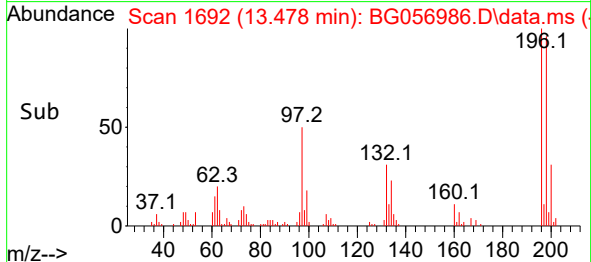
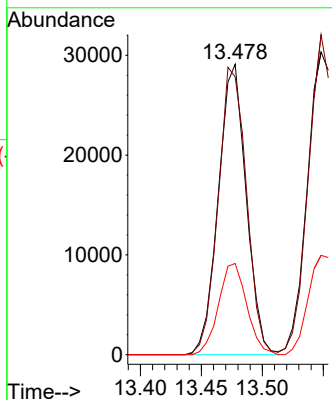
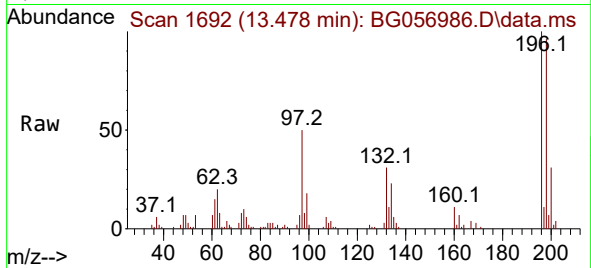




#43
 2,4,6-Trichlorophenol
 Concen: 45.350 ng
 RT: 13.478 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

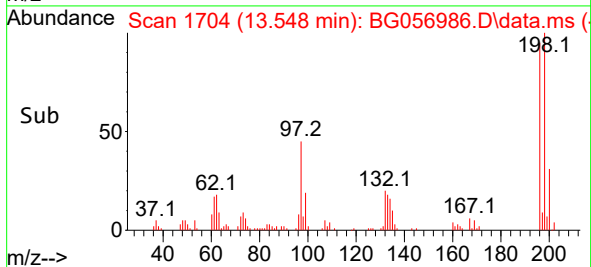
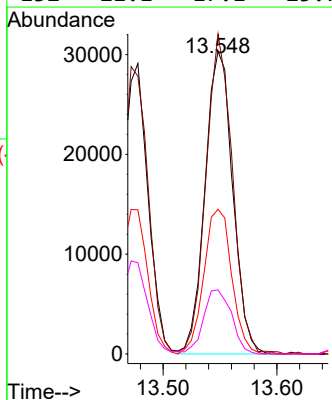
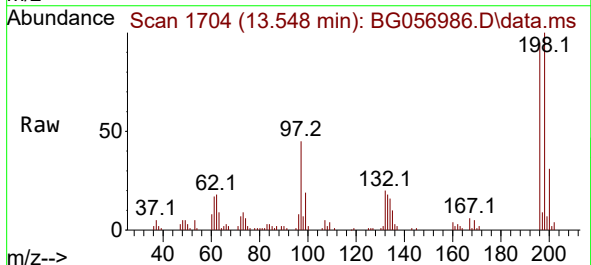
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BS

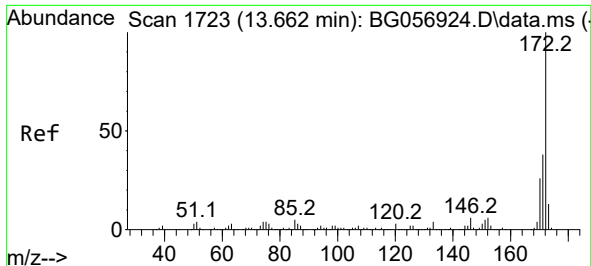
Tgt Ion:196 Resp: 46345
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.1 118.7
 200 31.4 27.2 40.8



#44
 2,4,5-Trichlorophenol
 Concen: 42.522 ng
 RT: 13.548 min Scan# 1704
 Delta R.T. 0.000 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

Tgt Ion:196 Resp: 51480
 Ion Ratio Lower Upper
 196 100
 198 105.7 82.5 123.7
 97 47.8 37.0 55.6
 132 21.1 17.1 25.7

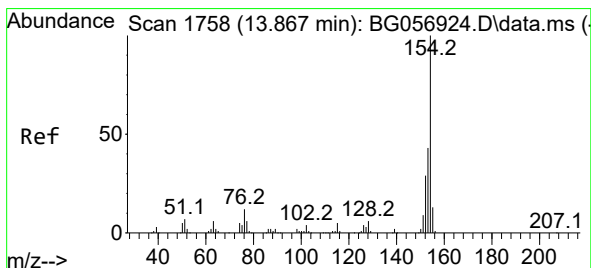
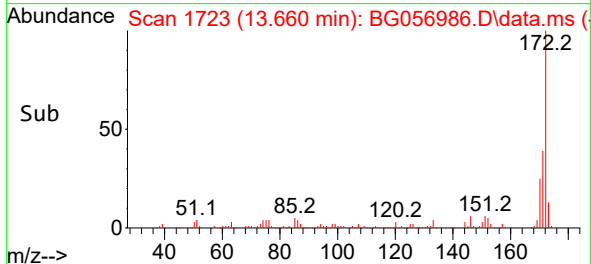
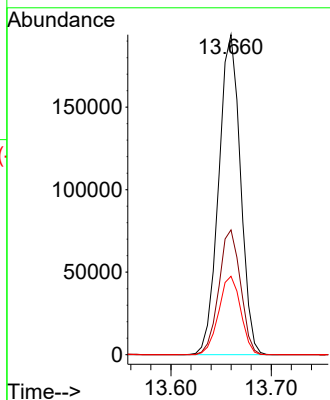
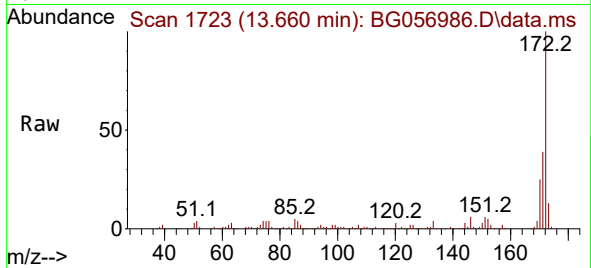




#45
2-Fluorobiphenyl
Concen: 85.738 ng
RT: 13.660 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

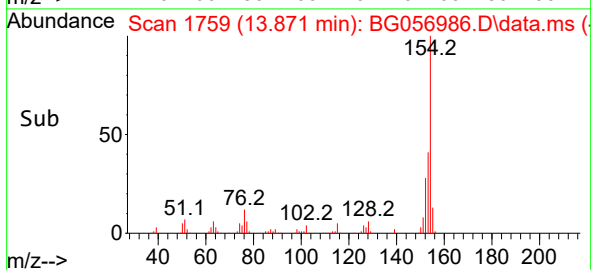
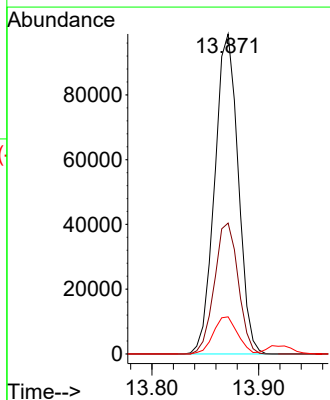
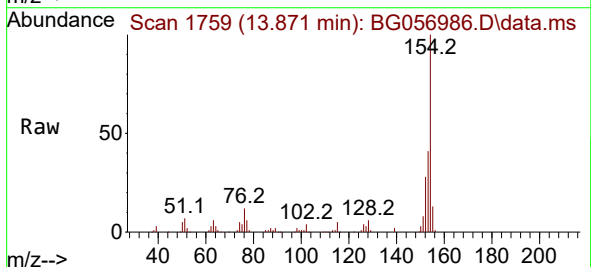
Instrument :
BNA_G
ClientSampleId :
PB151898BS

Tgt Ion:172 Resp: 292001
Ion Ratio Lower Upper
172 100
171 39.0 30.6 46.0
170 24.5 20.6 30.8



#46
1,1'-Biphenyl
Concen: 44.690 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:154 Resp: 151080
Ion Ratio Lower Upper
154 100
153 40.9 23.4 63.4
76 11.6 0.0 31.6

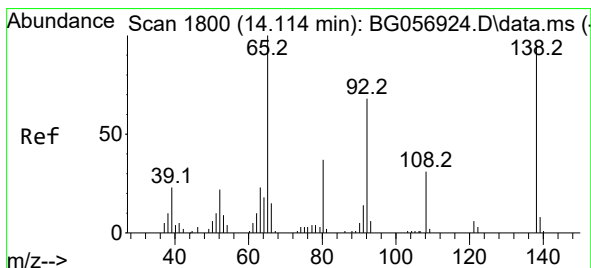
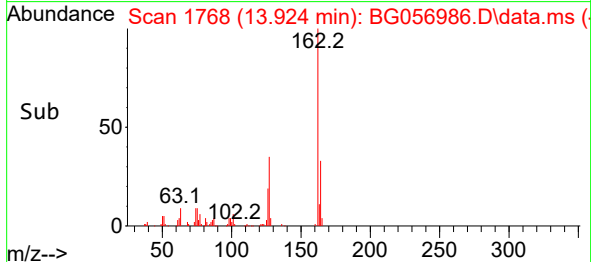
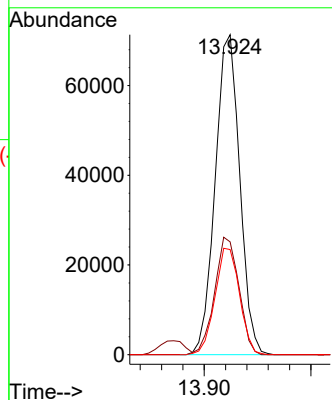
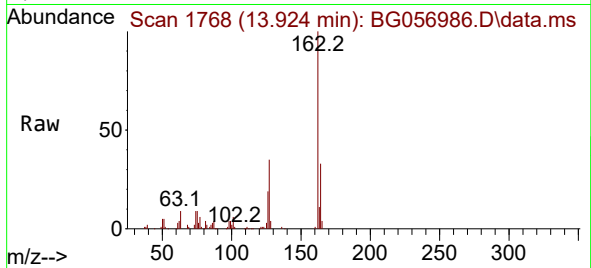




#47
2-Chloronaphthalene
Concen: 45.569 ng
RT: 13.924 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

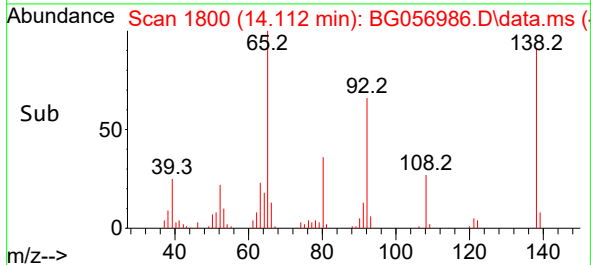
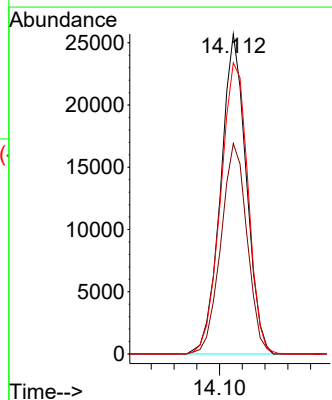
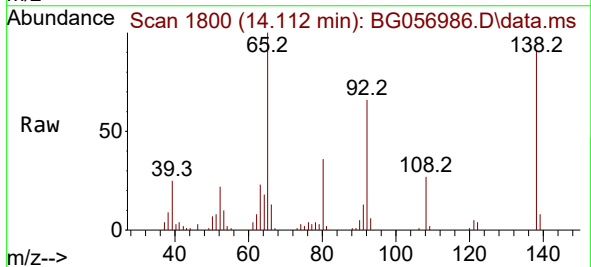
Instrument :
BNA_G
ClientSampleId :
PB151898BS

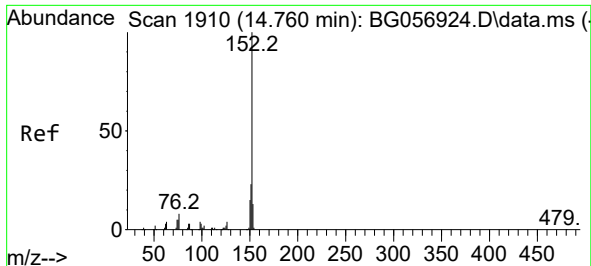
Tgt Ion:162 Resp: 113936
Ion Ratio Lower Upper
162 100
127 35.2 29.5 44.3
164 32.8 25.5 38.3



#48
2-Nitroaniline
Concen: 44.850 ng
RT: 14.112 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 65 Resp: 40098
Ion Ratio Lower Upper
65 100
92 65.7 54.3 81.5
138 91.0 76.0 114.0

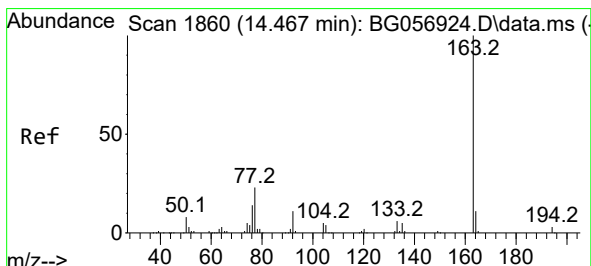
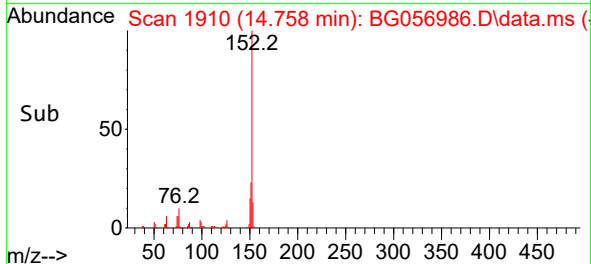
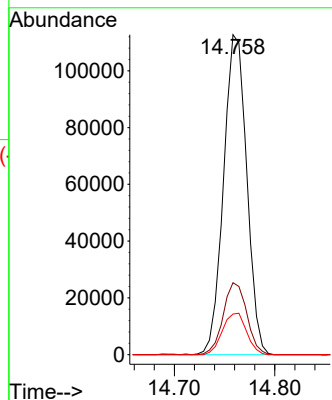
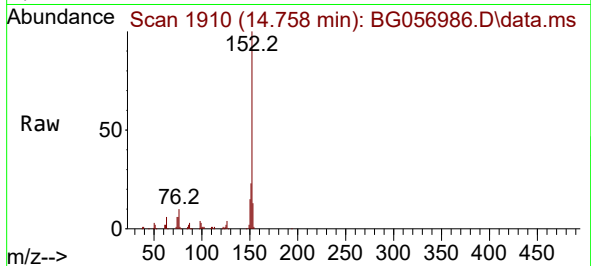




#49
Acenaphthylene
Concen: 44.020 ng
RT: 14.758 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

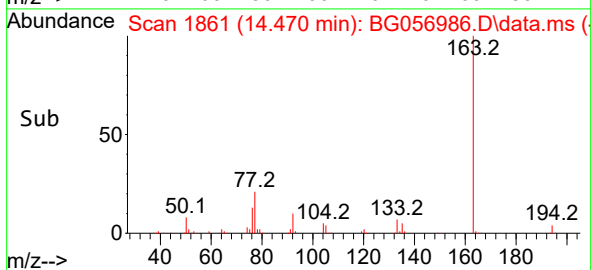
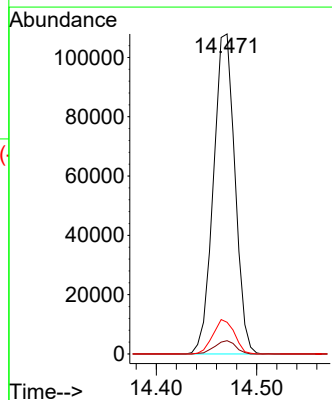
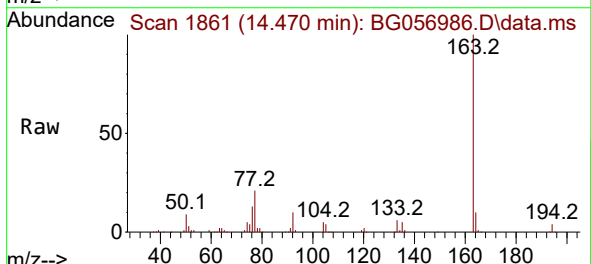
Instrument :
BNA_G
ClientSampleId :
PB151898BS

Tgt Ion:152 Resp: 180837
Ion Ratio Lower Upper
152 100
151 22.5 18.2 27.2
153 12.7 10.5 15.7



#50
Dimethylphthalate
Concen: 44.166 ng
RT: 14.470 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:163 Resp: 160712
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.9 8.8 13.2

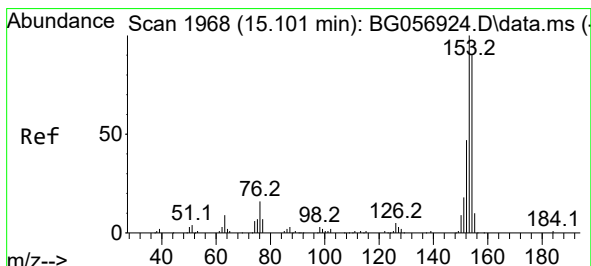
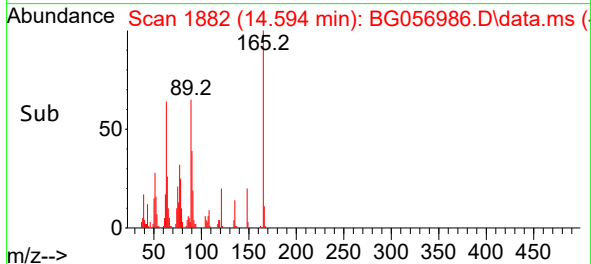
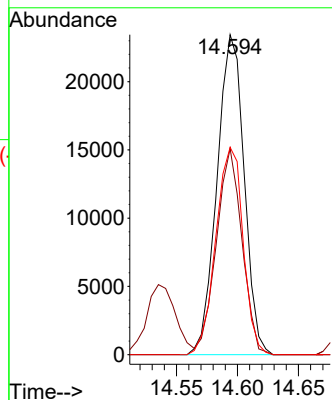
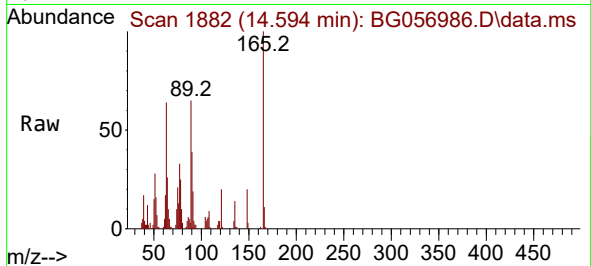




#51
2,6-Dinitrotoluene
Concen: 46.116 ng
RT: 14.594 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

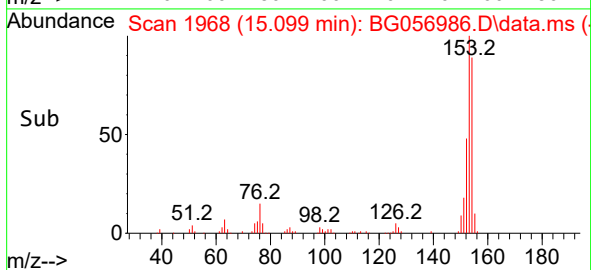
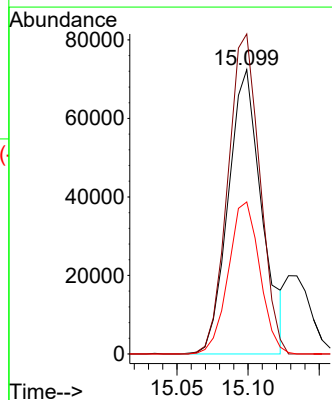
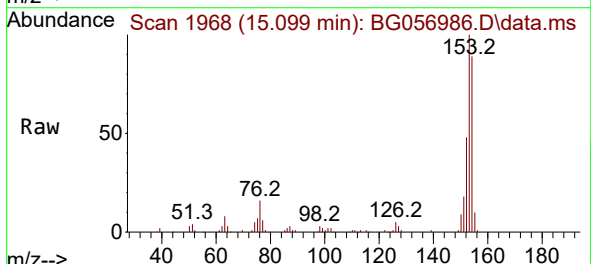
Instrument :
BNA_G
ClientSampleId :
PB151898BS

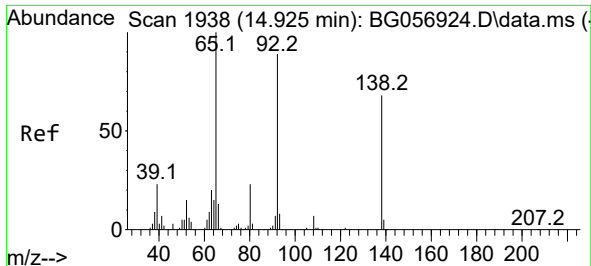
Tgt Ion:165 Resp: 36256
Ion Ratio Lower Upper
165 100
63 64.4 53.0 79.6
89 64.8 51.0 76.4



#52
Acenaphthene
Concen: 41.863 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:154 Resp: 118608
Ion Ratio Lower Upper
154 100
153 112.5 88.9 133.3
152 53.5 41.8 62.8

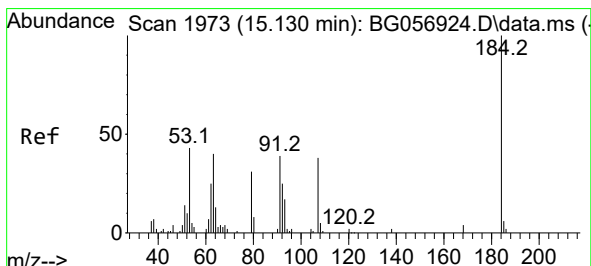
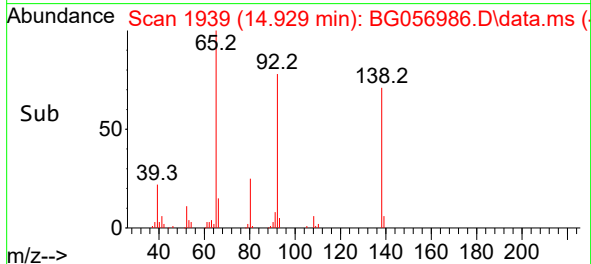
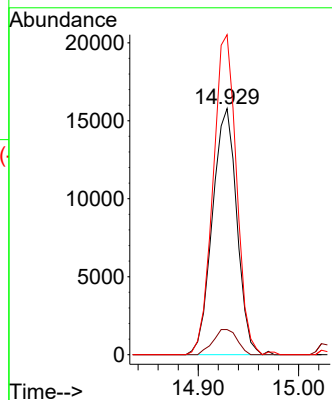
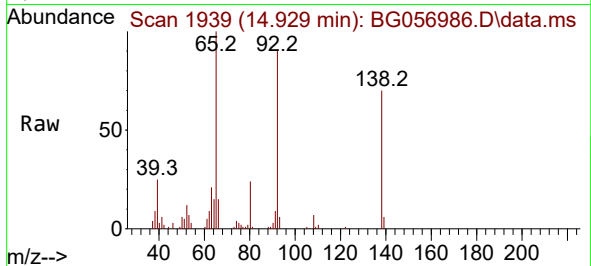




#53
3-Nitroaniline
Concen: 34.248 ng
RT: 14.929 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

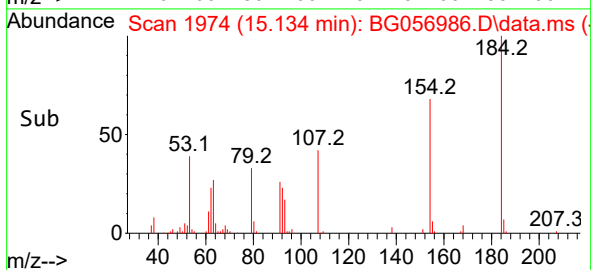
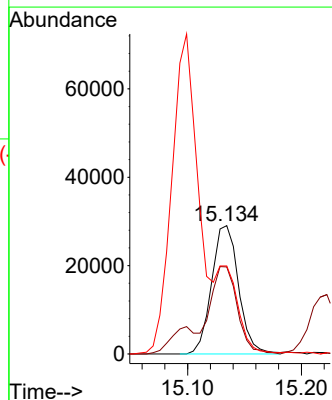
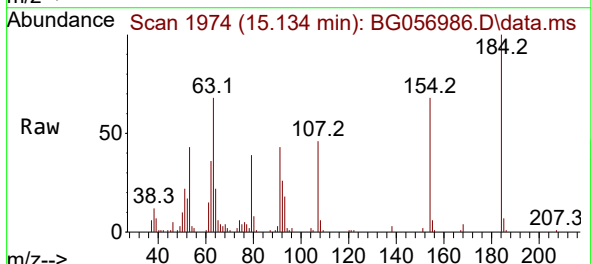
Instrument :
BNA_G
ClientSampleId :
PB151898BS

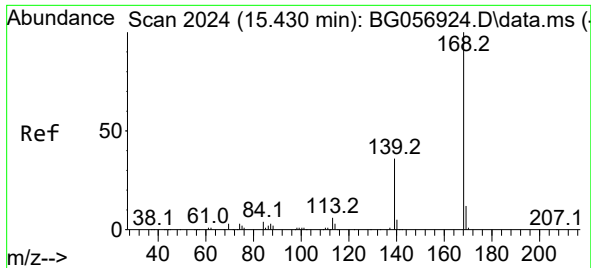
Tgt Ion:138 Resp: 26652
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 130.0 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 108.234 ng
RT: 15.134 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:184 Resp: 47896
Ion Ratio Lower Upper
184 100
63 67.8 46.5 69.7
154 68.5 53.5 80.3

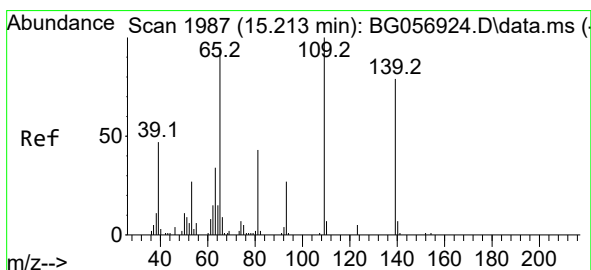
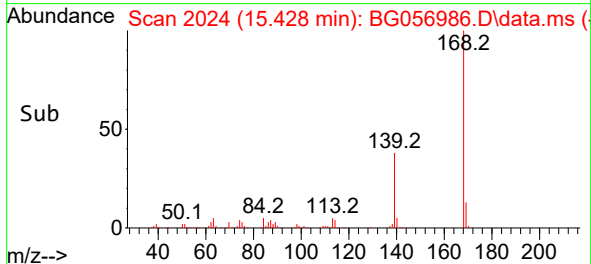
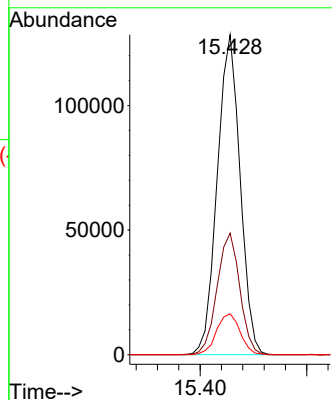
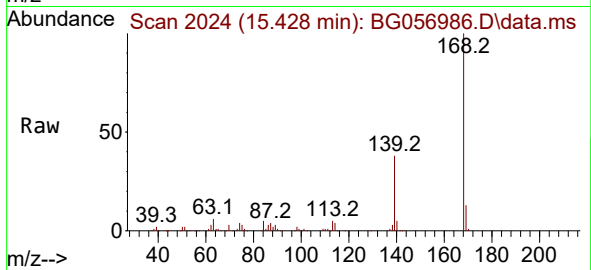




#55
Dibenzenofuran
Concen: 44.855 ng
RT: 15.428 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

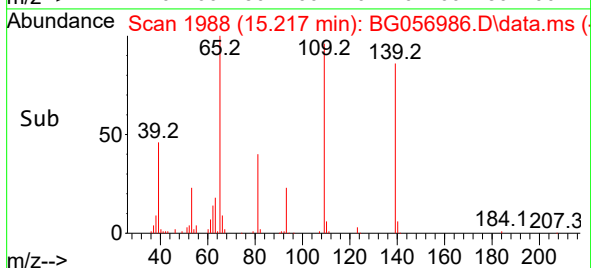
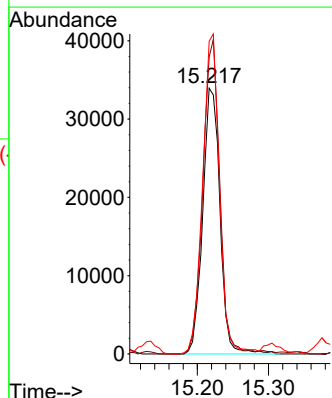
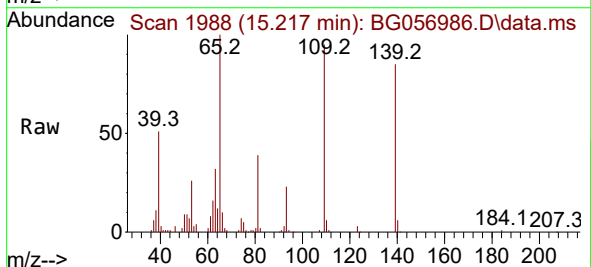
Instrument :
BNA_G
ClientSampleId :
PB151898BS

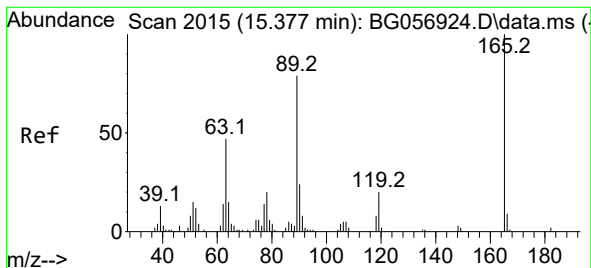
Tgt Ion:168 Resp: 190741
Ion Ratio Lower Upper
168 100
139 38.0 28.9 43.3
169 12.8 9.8 14.6



#56
4-Nitrophenol
Concen: 99.718 ng
RT: 15.217 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:139 Resp: 57383
Ion Ratio Lower Upper
139 100
109 111.7 106.7 146.7
65 117.7 100.5 140.5

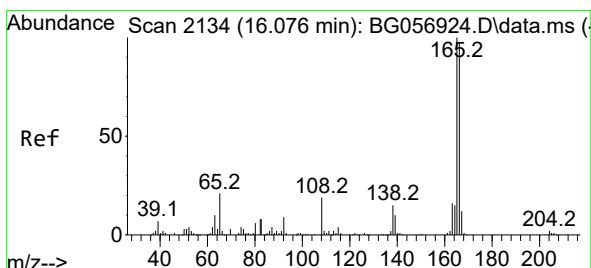
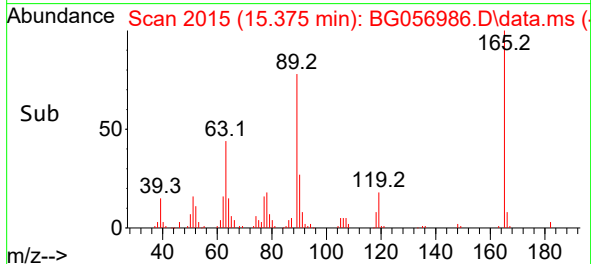
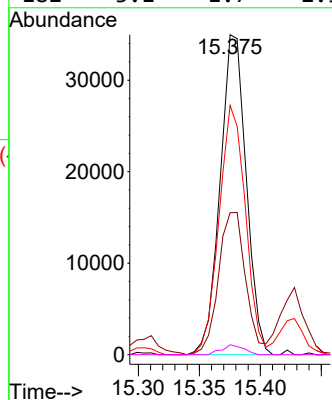
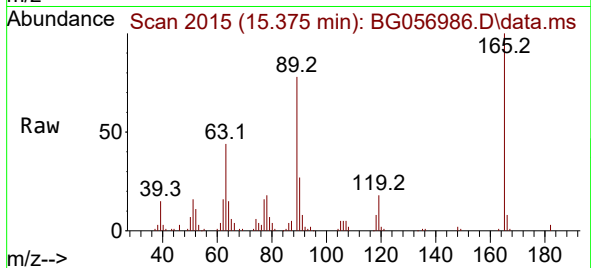




#57
2,4-Dinitrotoluene
Concen: 47.045 ng
RT: 15.375 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

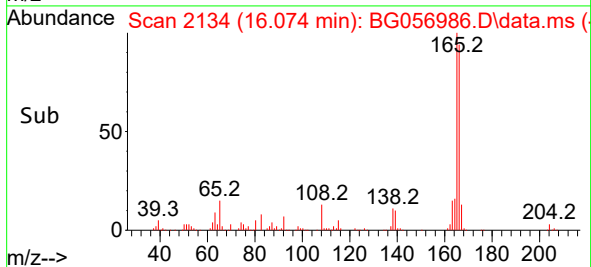
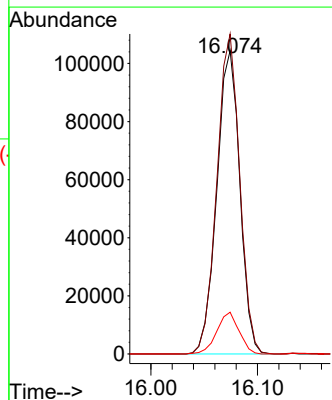
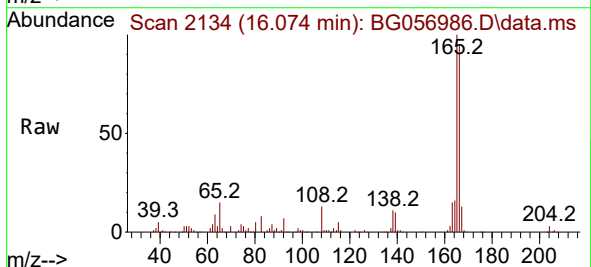
Instrument :
BNA_G
ClientSampleId :
PB151898BS

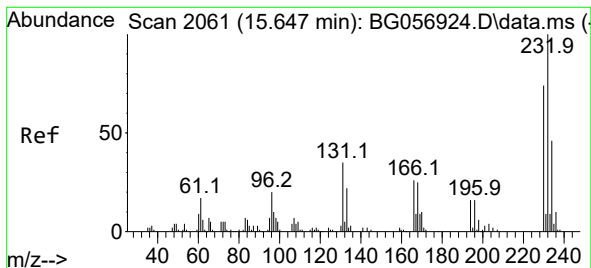
Tgt Ion:165 Resp: 52166
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 77.9 63.2 94.8
182 3.1 1.7 2.5#



#58
Fluorene
Concen: 44.408 ng
RT: 16.074 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:166 Resp: 156262
Ion Ratio Lower Upper
166 100
165 105.5 82.6 123.8
167 13.8 10.2 15.2

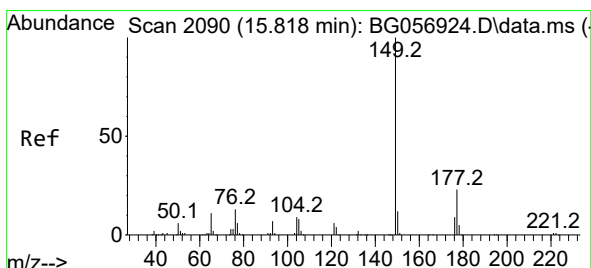
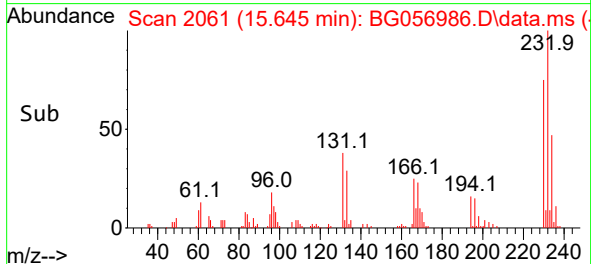
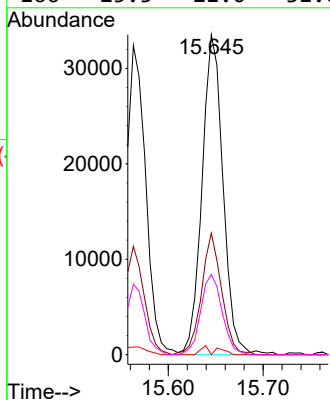
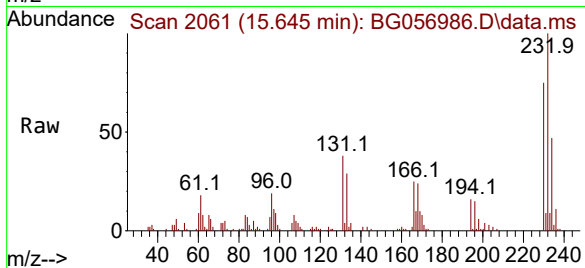




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.839 ng
RT: 15.645 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

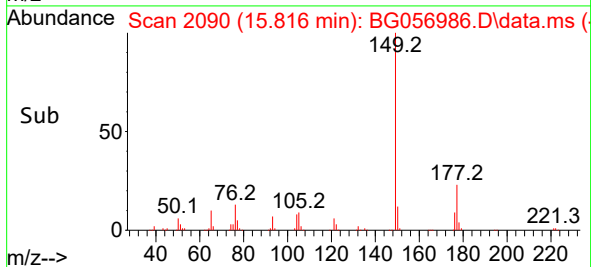
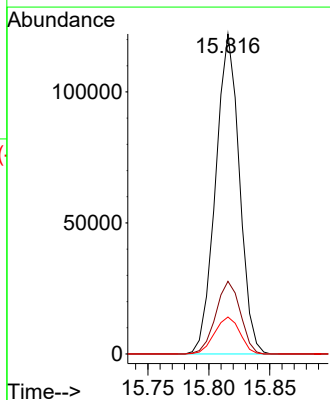
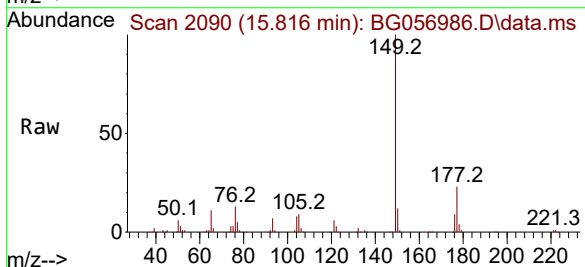
Instrument :
BNA_G
ClientSampleId :
PB151898BS

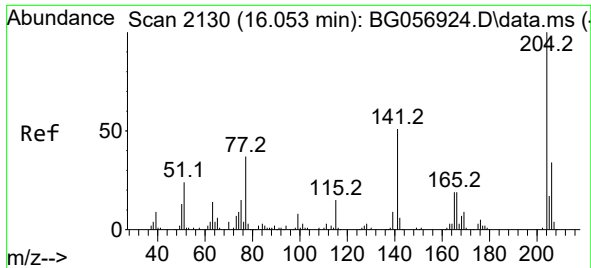
Tgt Ion:232 Resp: 51631
Ion Ratio Lower Upper
232 100
131 36.5 29.3 43.9
130 1.0 1.7 2.5#
166 25.5 21.0 31.6



#60
Diethylphthalate
Concen: 45.489 ng
RT: 15.816 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:149 Resp: 165940
Ion Ratio Lower Upper
149 100
177 22.7 18.8 28.2
150 11.5 9.4 14.2

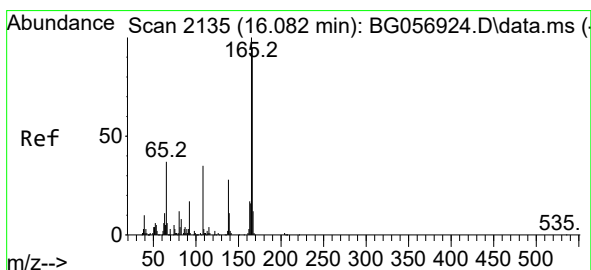
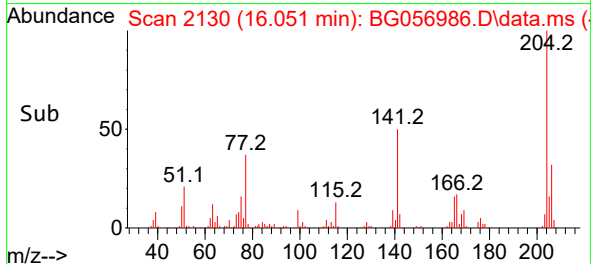
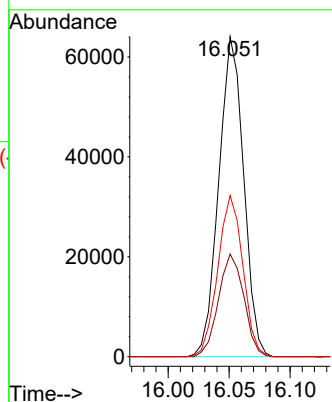
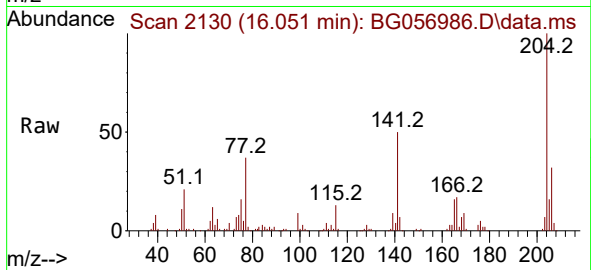




#61
4-Chlorophenyl-phenylether
Concen: 44.038 ng
RT: 16.051 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

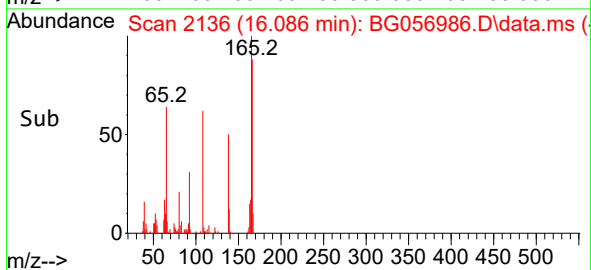
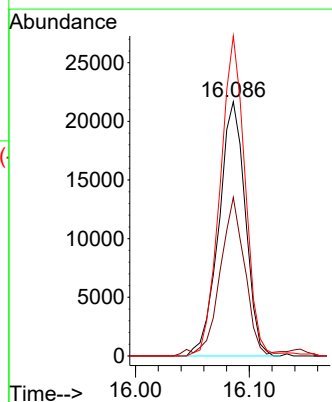
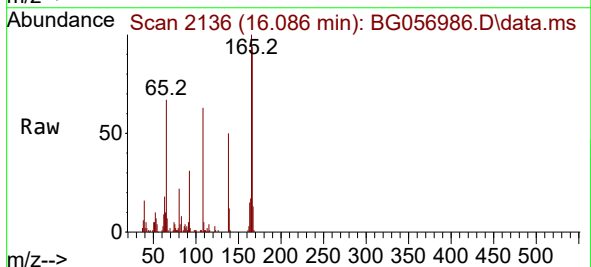
Instrument :
BNA_G
ClientSampleId :
PB151898BS

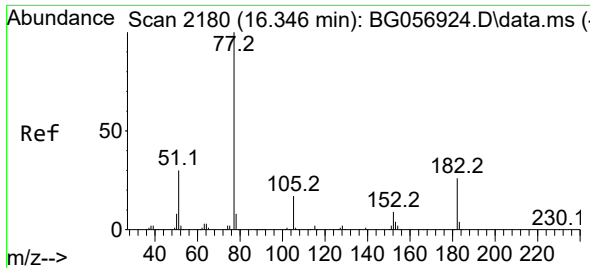
Tgt Ion:204 Resp: 90982
Ion Ratio Lower Upper
204 100
206 32.1 27.2 40.8
141 50.4 40.7 61.1



#62
4-Nitroaniline
Concen: 43.335 ng
RT: 16.086 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:138 Resp: 34940
Ion Ratio Lower Upper
138 100
92 62.3 40.9 80.9
108 125.8 104.3 144.3

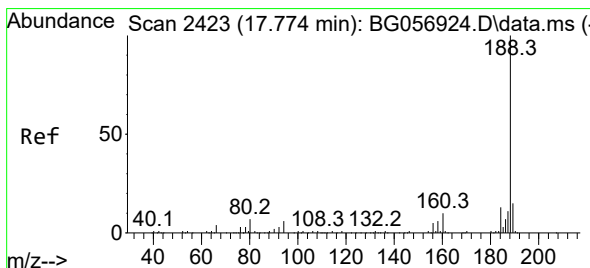
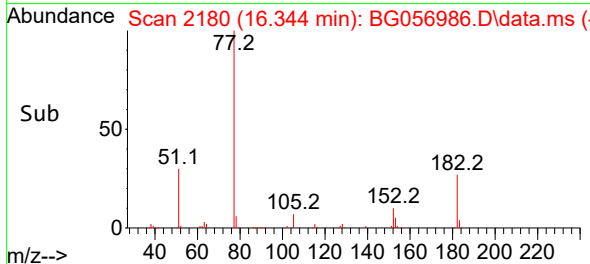
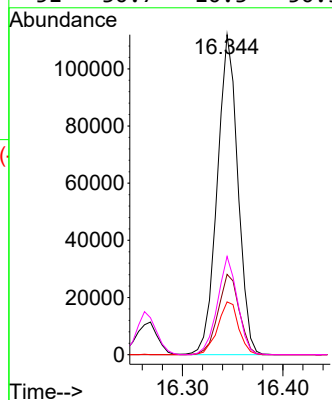
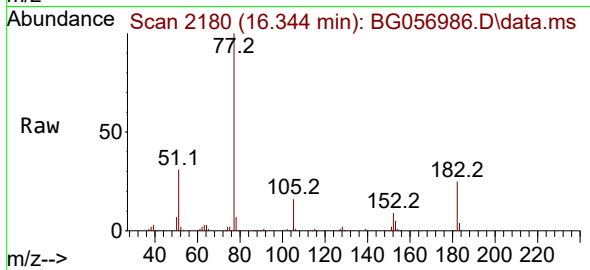




#63
Azobenzene
Concen: 43.854 ng
RT: 16.344 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

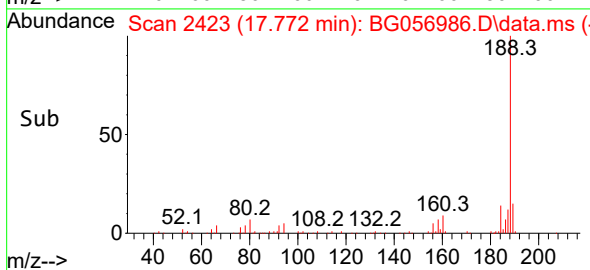
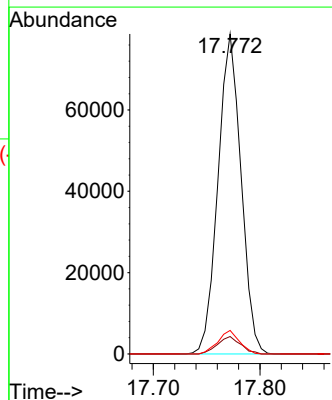
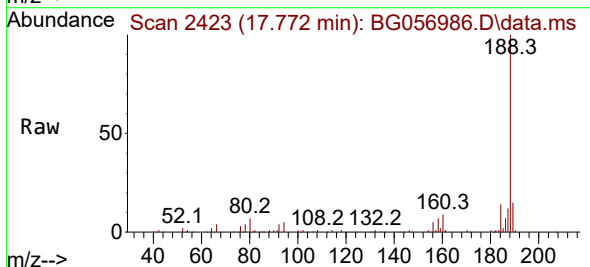
Instrument :
BNA_G
ClientSampleId :
PB151898BS

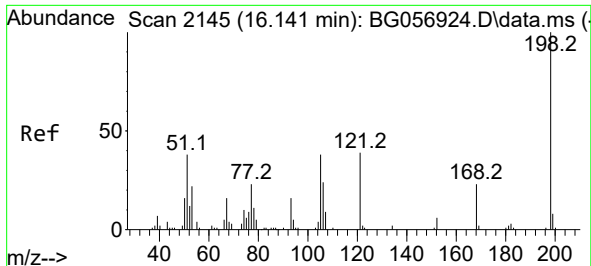
Tgt Ion: 77 Resp: 159428
Ion Ratio Lower Upper
77 100
182 25.1 5.9 45.9
105 16.5 0.0 36.8
51 30.7 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.772 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion: 188 Resp: 117855
Ion Ratio Lower Upper
188 100
94 5.5 4.6 6.8
80 7.4 5.5 8.3

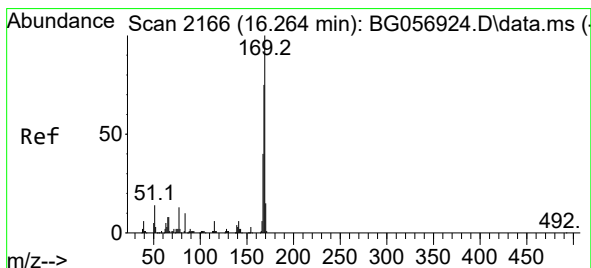
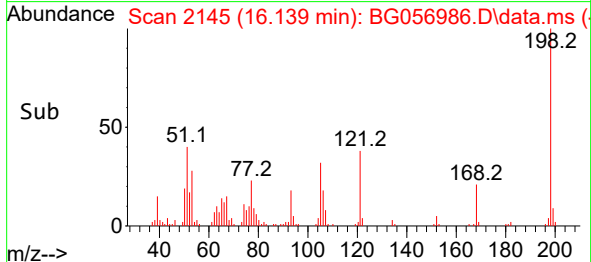
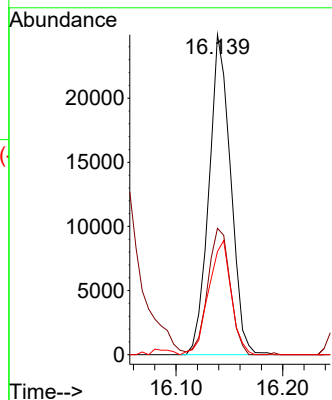
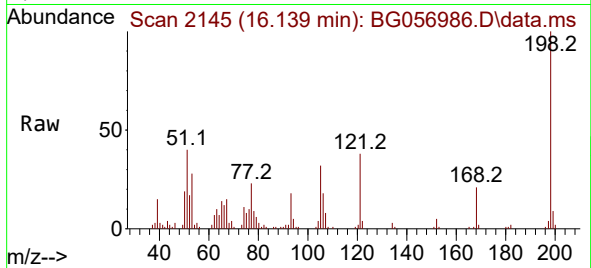




#65
4,6-Dinitro-2-methylphenol
Concen: 49.346 ng
RT: 16.139 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

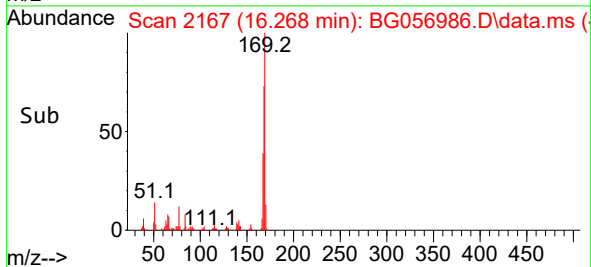
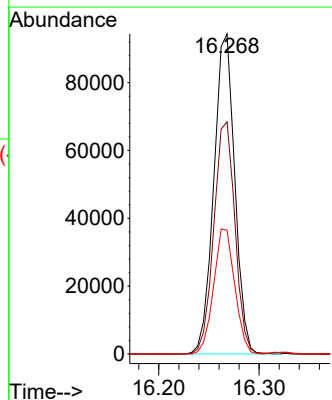
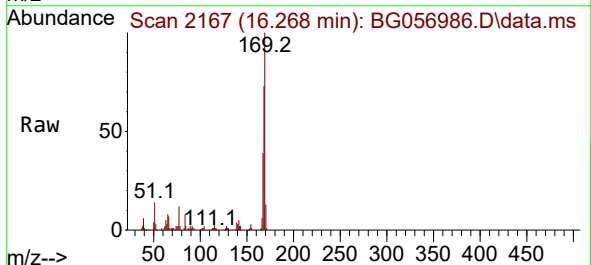
Instrument :
BNA_G
ClientSampleId :
PB151898BS

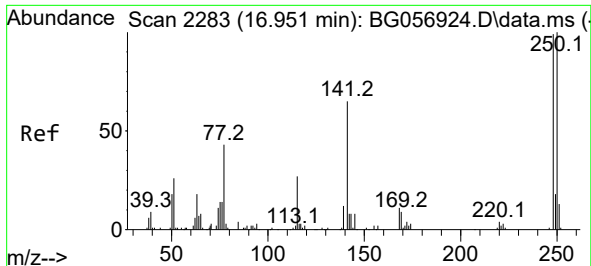
Tgt Ion:198 Resp: 35222
Ion Ratio Lower Upper
198 100
51 39.5 20.5 60.5
105 32.2 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 43.332 ng
RT: 16.268 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:169 Resp: 137091
Ion Ratio Lower Upper
169 100
168 72.6 59.6 89.4
167 38.7 31.8 47.8

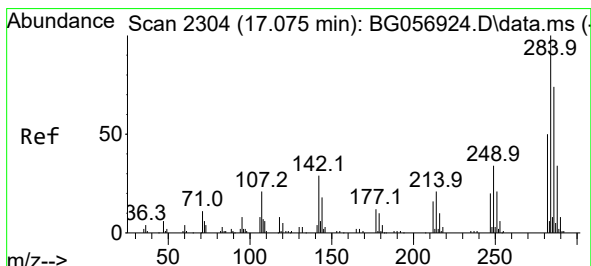
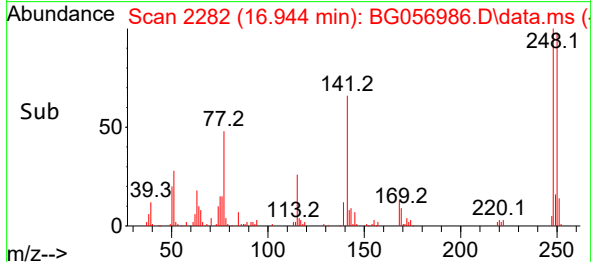
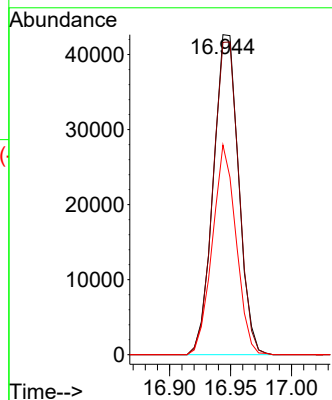
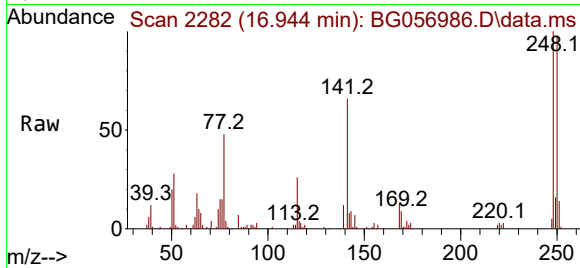




#67
4-Bromophenyl-phenylether
Concen: 42.248 ng
RT: 16.944 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

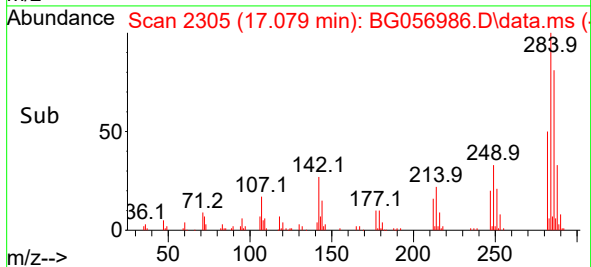
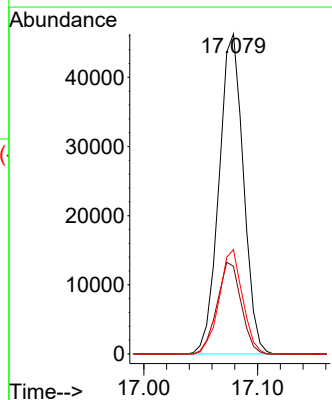
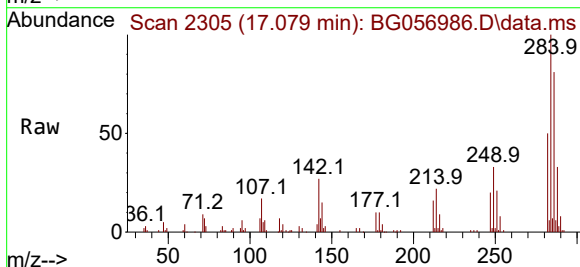
Instrument :
BNA_G
ClientSampleId :
PB151898BS

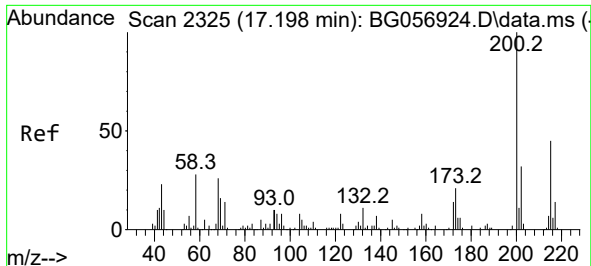
Tgt Ion:248 Resp: 61608
Ion Ratio Lower Upper
248 100
250 97.6 80.5 120.7
141 65.5 52.0 78.0



#68
Hexachlorobenzene
Concen: 47.844 ng
RT: 17.079 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:284 Resp: 68976
Ion Ratio Lower Upper
284 100
142 27.4 23.0 34.4
249 32.6 27.1 40.7

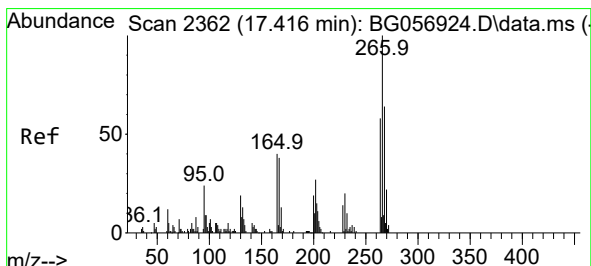
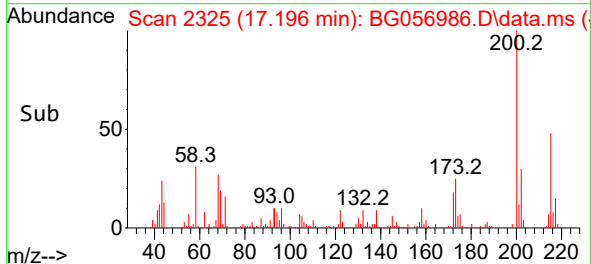
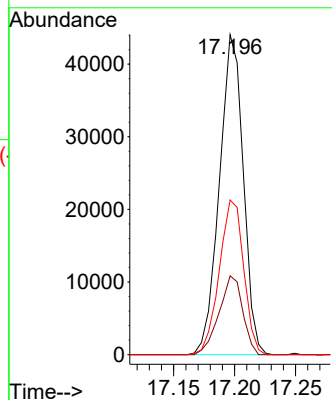
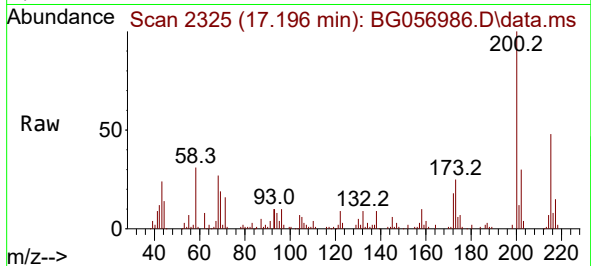




#69
 Atrazine
 Concen: 45.722 ng
 RT: 17.196 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

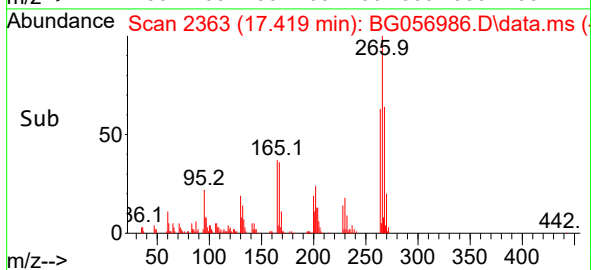
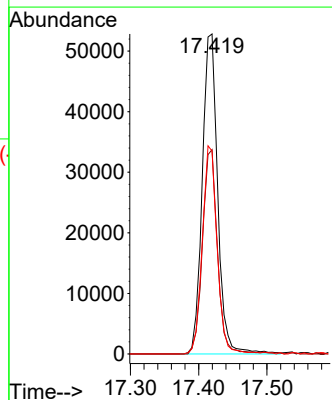
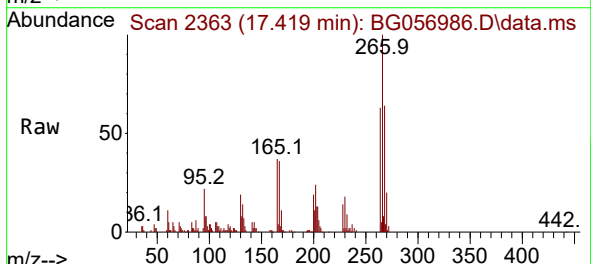
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BS

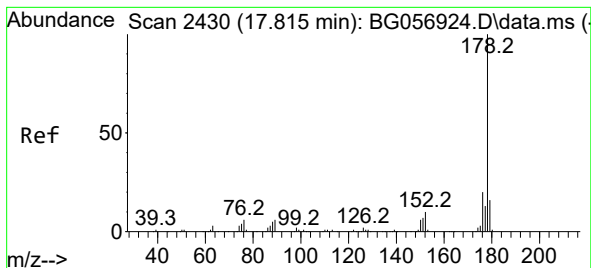
Tgt Ion:200 Resp: 60046
 Ion Ratio Lower Upper
 200 100
 173 24.7 1.0 41.0
 215 48.3 25.0 65.0



#70
 Pentachlorophenol
 Concen: 80.422 ng
 RT: 17.419 min Scan# 2363
 Delta R.T. 0.006 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

Tgt Ion:266 Resp: 83180
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.6
 264 63.4 46.8 70.2





#71

Phenanthrene

Concen: 43.409 ng

RT: 17.813 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

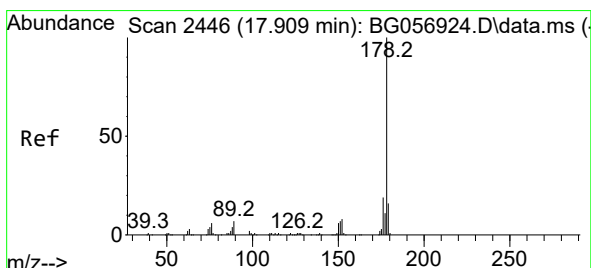
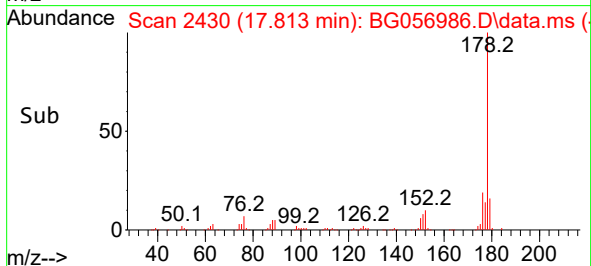
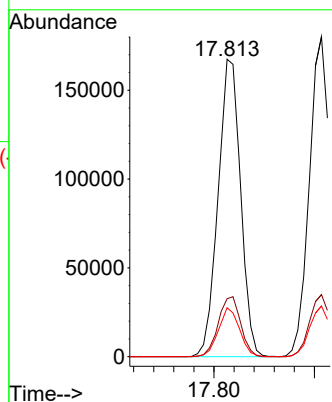
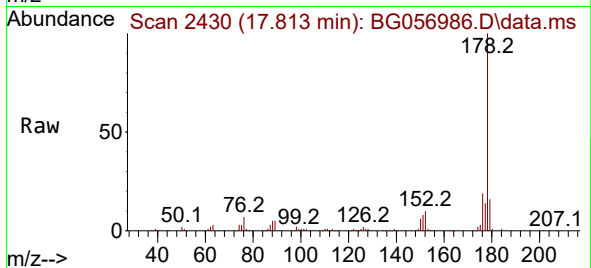
Tgt Ion:178 Resp: 260837

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.2

179 16.5 12.5 18.7



#72

Anthracene

Concen: 43.139 ng

RT: 17.907 min Scan# 2446

Delta R.T. 0.006 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

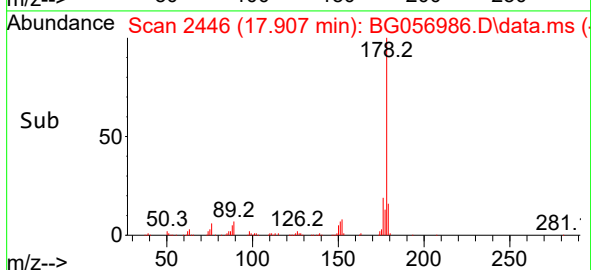
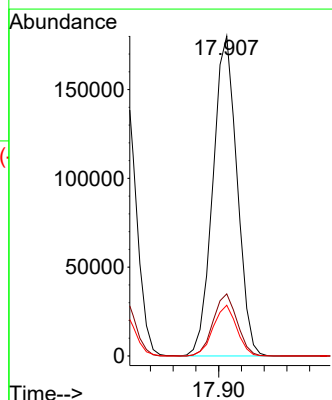
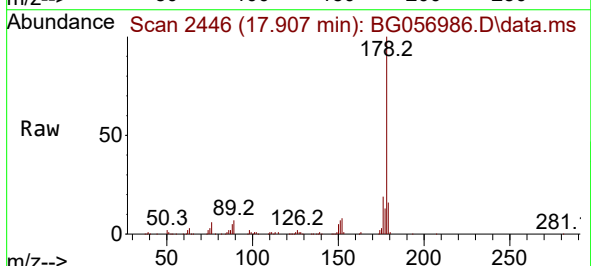
Tgt Ion:178 Resp: 265728

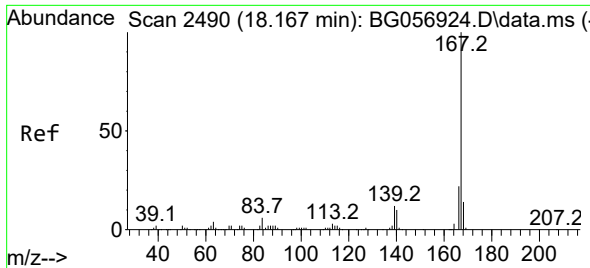
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.8 12.4 18.6

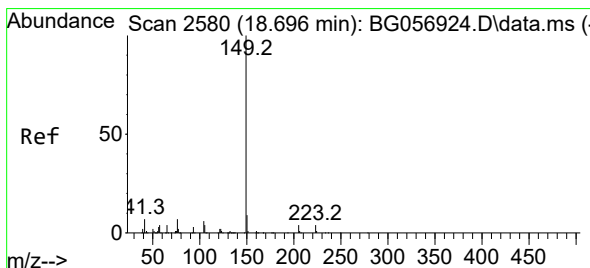
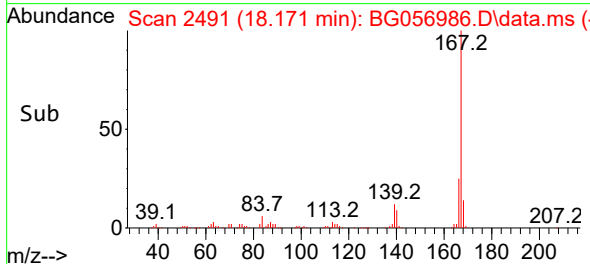
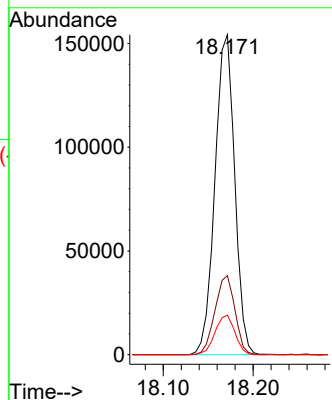
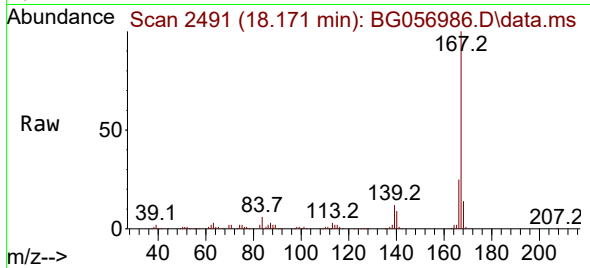




#73
Carbazole
Concen: 43.789 ng
RT: 18.171 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

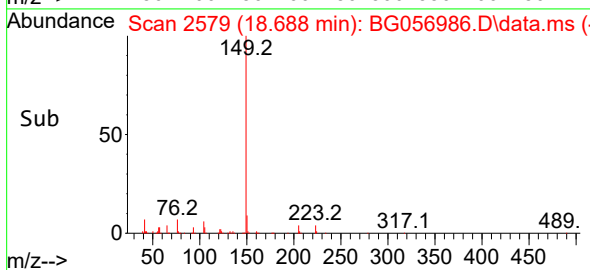
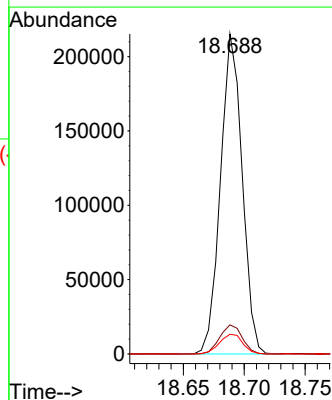
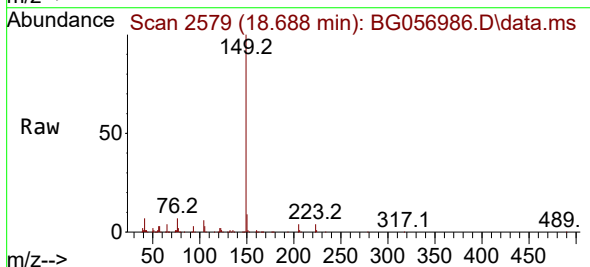
Instrument :
BNA_G
ClientSampleId :
PB151898BS

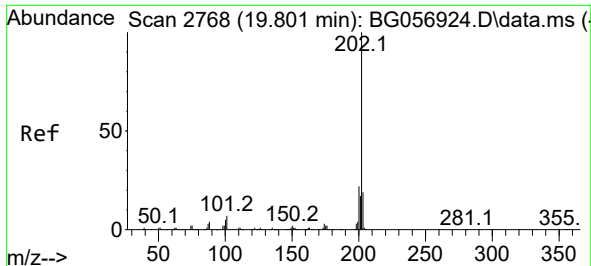
Tgt Ion:167 Resp: 235172
Ion Ratio Lower Upper
167 100
166 24.7 17.9 26.9
139 12.4 9.5 14.3



#74
Di-n-butylphthalate
Concen: 42.829 ng
RT: 18.688 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:149 Resp: 266351
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 6.2 4.9 7.3

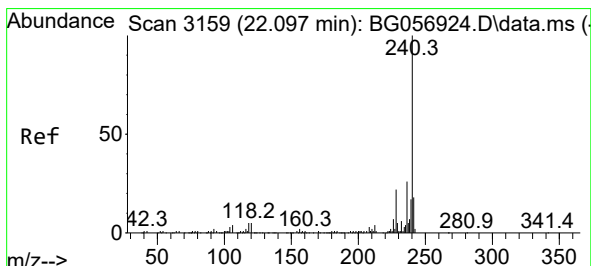
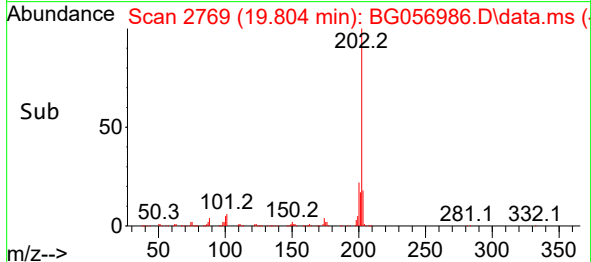
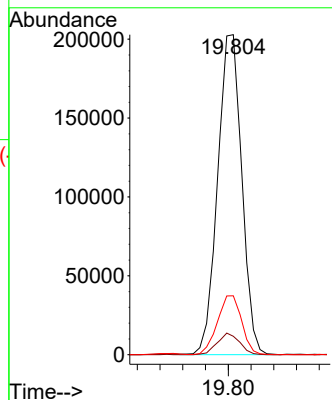
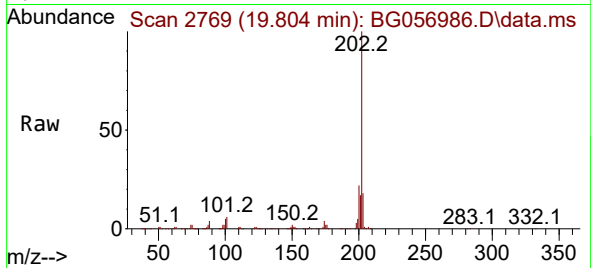




#75
Fluoranthene
Concen: 39.293 ng
RT: 19.804 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

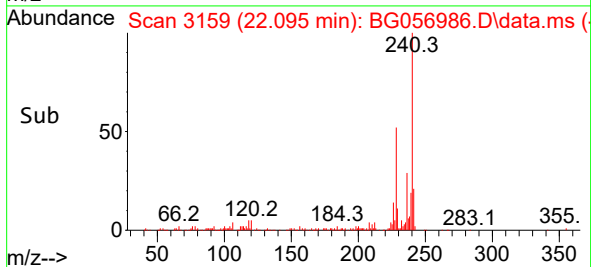
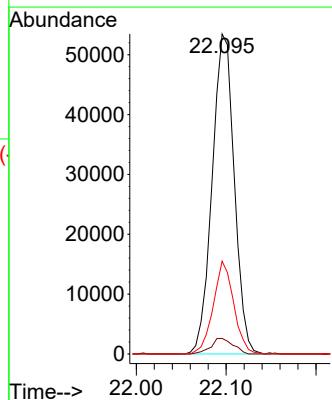
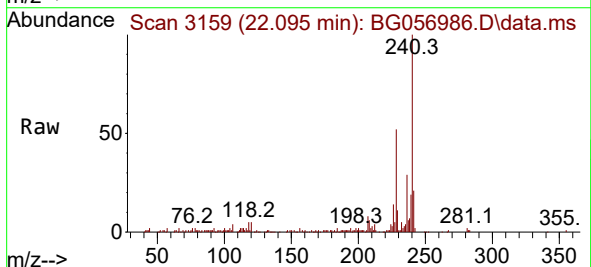
Instrument :
BNA_G
ClientSampleId :
PB151898BS

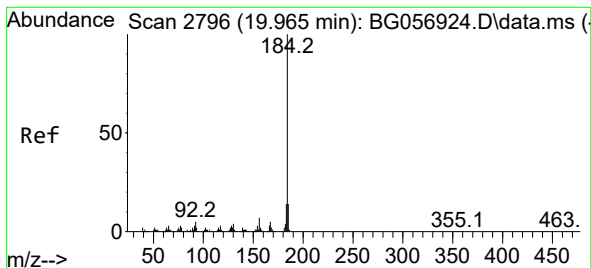
Tgt Ion:202 Resp: 299296
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.7
203 18.4 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:240 Resp: 91356
Ion Ratio Lower Upper
240 100
120 4.9 3.8 5.6
236 29.0 21.0 31.6





#77

Benzidine

Concen: 55.919 ng

RT: 19.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

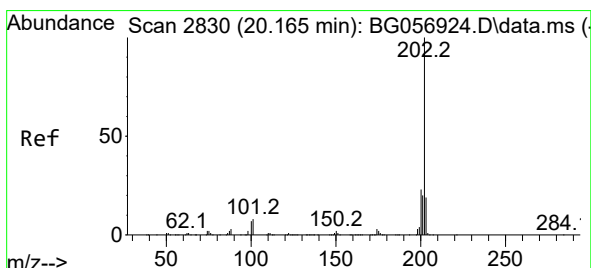
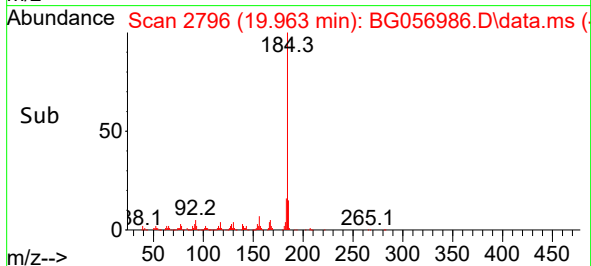
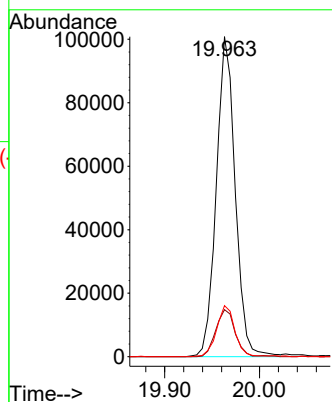
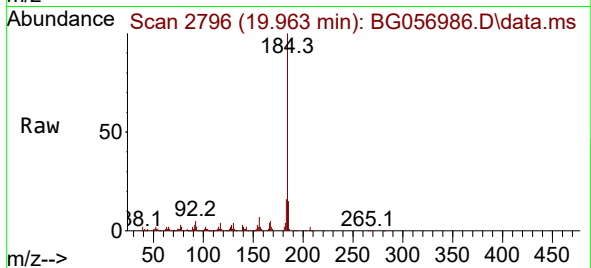
Tgt Ion:184 Resp: 139632

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

183 15.9 11.4 17.0



#78

Pyrene

Concen: 47.395 ng

RT: 20.163 min Scan# 2830

Delta R.T. 0.006 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

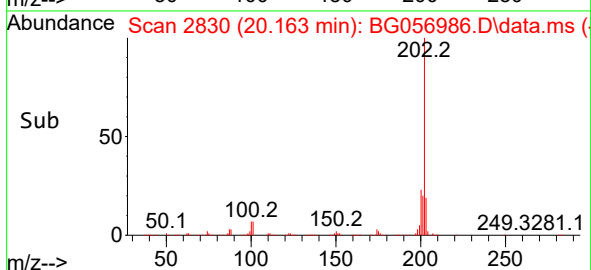
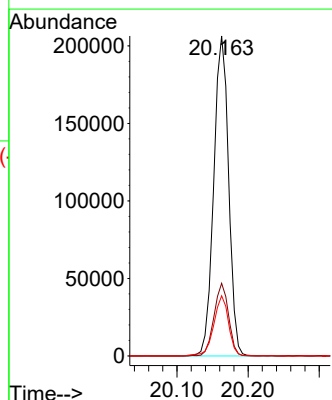
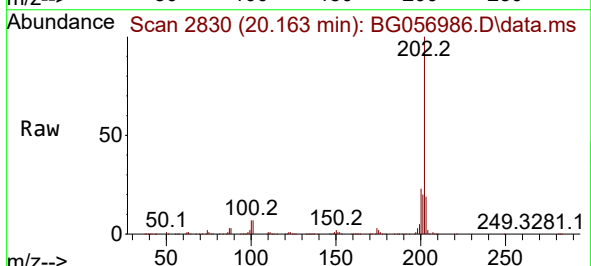
Tgt Ion:202 Resp: 299474

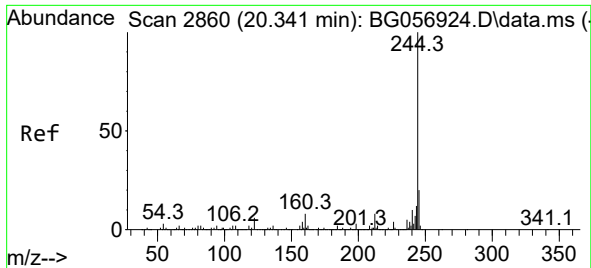
Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

203 18.8 15.4 23.2

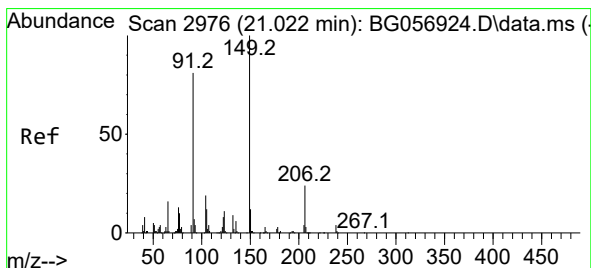
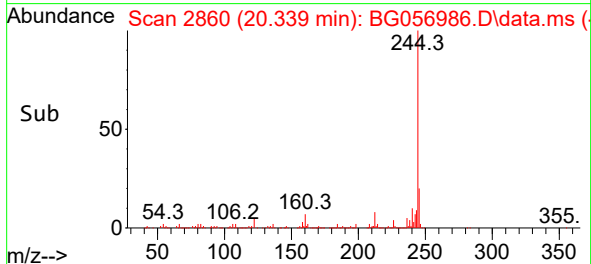
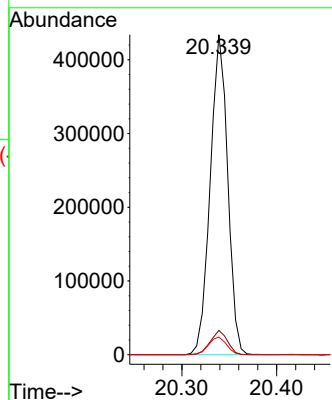
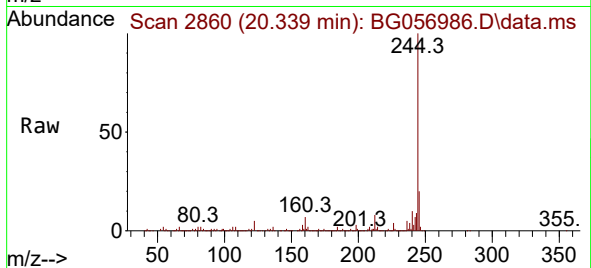




#79
 Terphenyl-d14
 Concen: 102.562 ng
 RT: 20.339 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

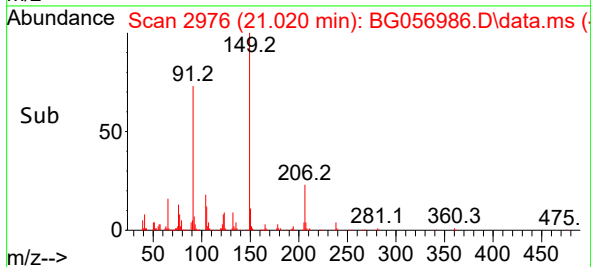
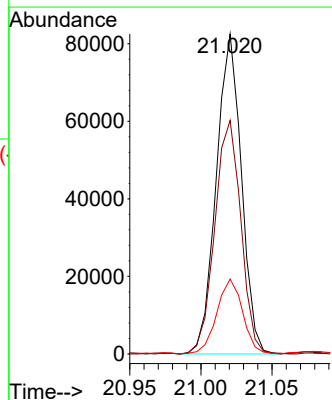
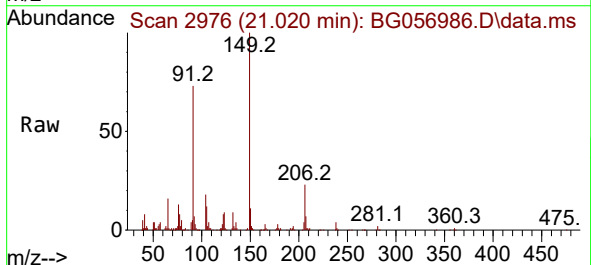
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BS

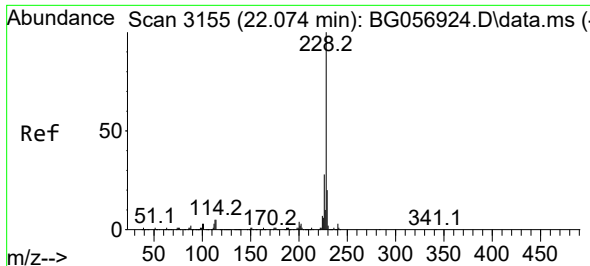
Tgt Ion:244 Resp: 553707
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 5.5 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 46.597 ng
 RT: 21.020 min Scan# 2976
 Delta R.T. 0.006 min
 Lab File: BG056986.D
 Acq: 5 Apr 2023 11:23

Tgt Ion:149 Resp: 101318
 Ion Ratio Lower Upper
 149 100
 91 73.0 64.4 96.6
 206 23.4 18.9 28.3

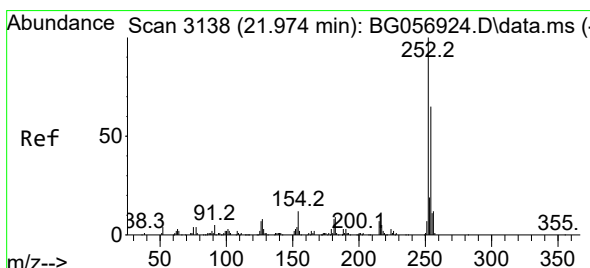
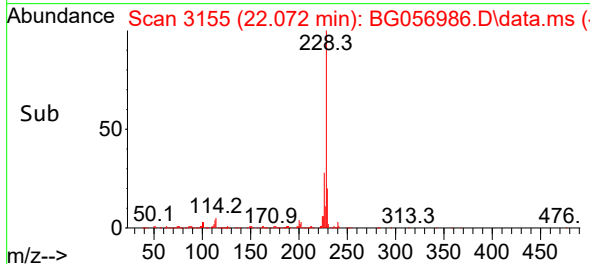
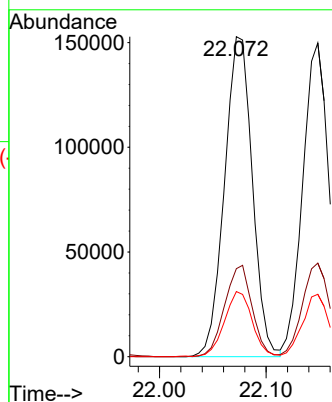
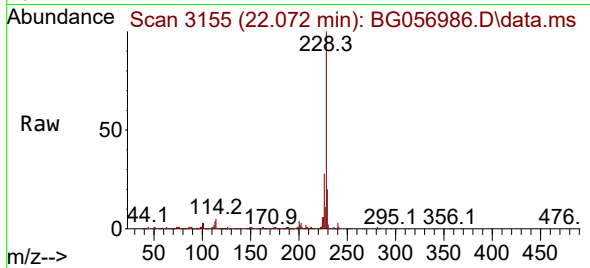




#81
Benzo(a)anthracene
Concen: 43.935 ng
RT: 22.072 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

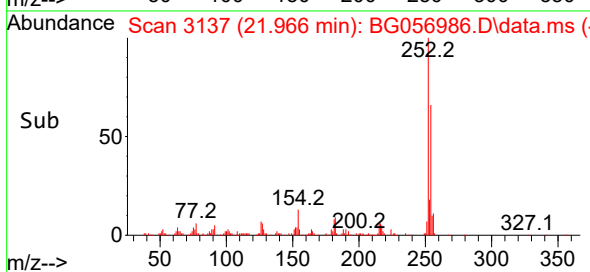
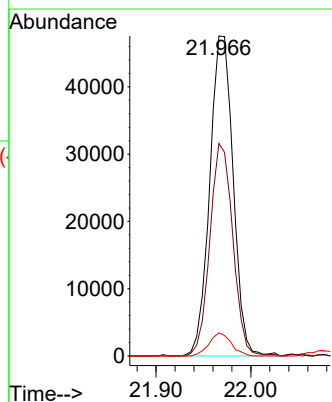
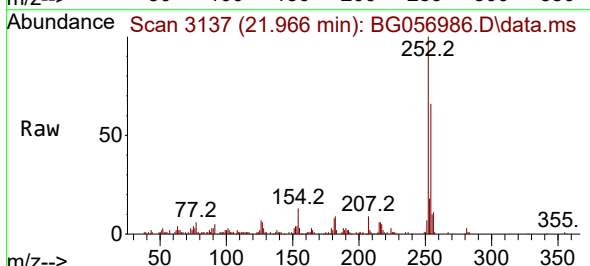
Instrument :
BNA_G
ClientSampleId :
PB151898BS

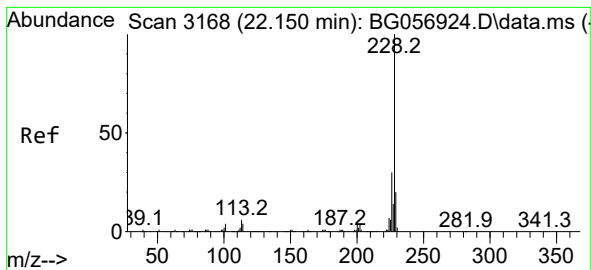
Tgt Ion:228 Resp: 277747
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.279 ng
RT: 21.966 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:252 Resp: 81716
Ion Ratio Lower Upper
252 100
254 66.4 51.7 77.5
126 7.2 5.6 8.4





#83

Chrysene

Concen: 43.226 ng

RT: 22.148 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

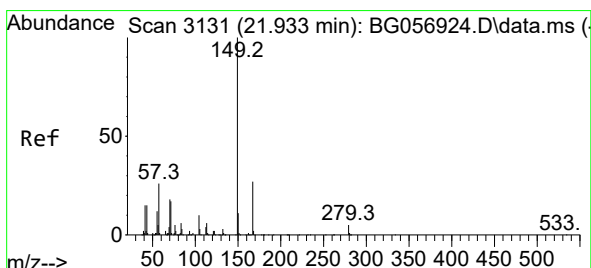
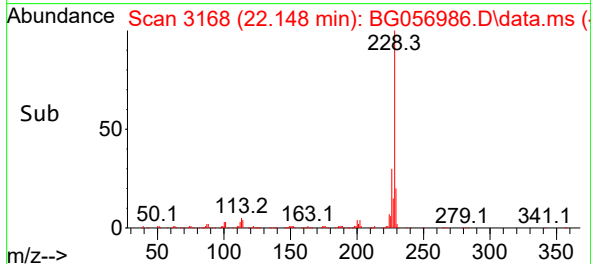
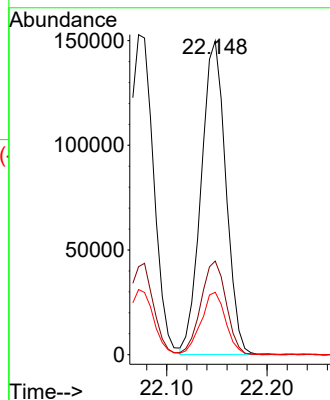
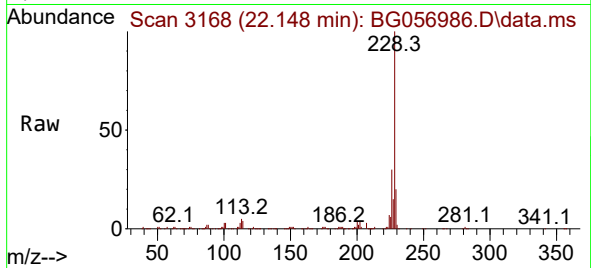
Tgt Ion:228 Resp: 255867

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.255 ng

RT: 21.925 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

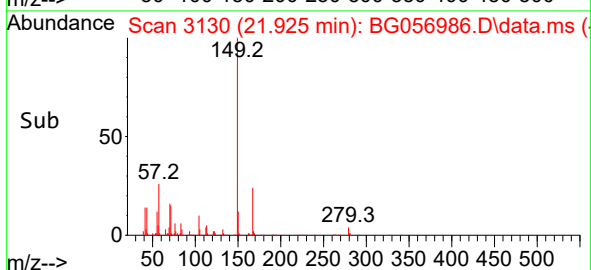
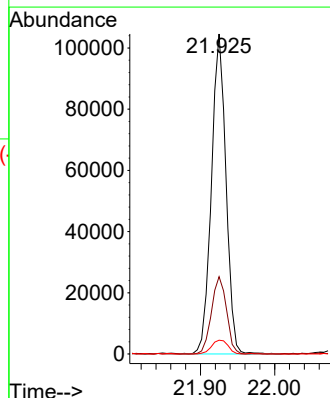
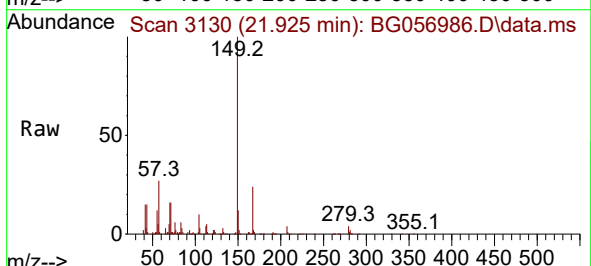
Tgt Ion:149 Resp: 142488

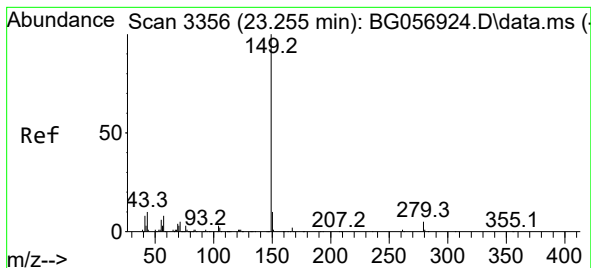
Ion Ratio Lower Upper

149 100

167 24.1 21.4 32.2

279 4.3 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.184 ng

RT: 23.247 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

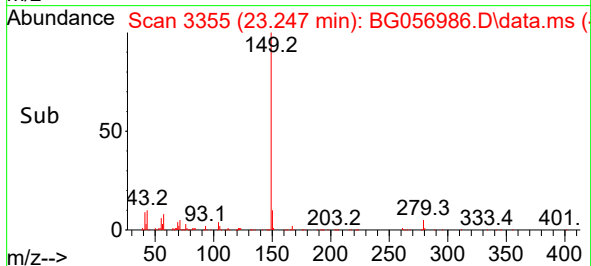
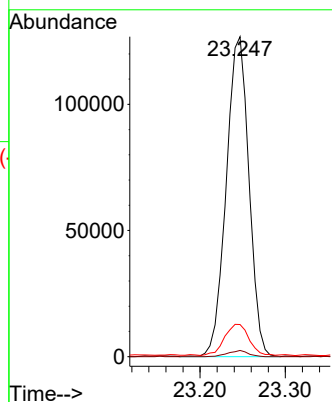
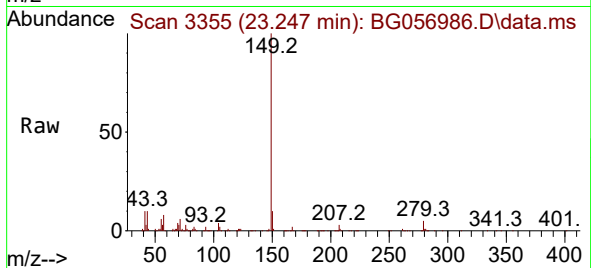
Tgt Ion:149 Resp: 234432

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.649 min Scan# 3764

Delta R.T. 0.018 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

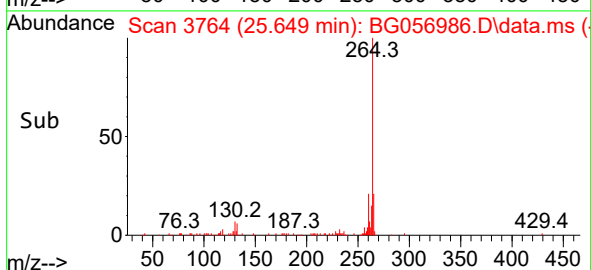
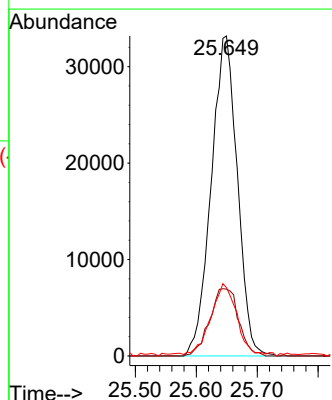
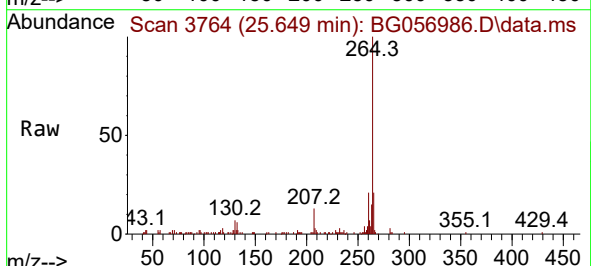
Tgt Ion:264 Resp: 98766

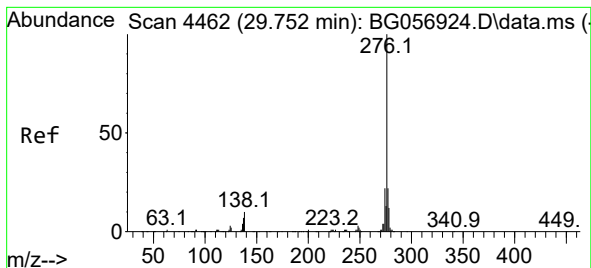
Ion Ratio Lower Upper

264 100

260 20.9 19.0 28.4

265 21.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.497 ng

RT: 29.762 min Scan# 4462

Delta R.T. 0.024 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

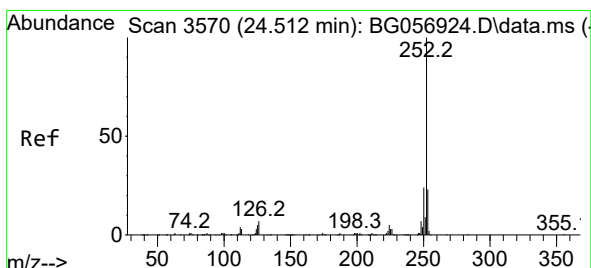
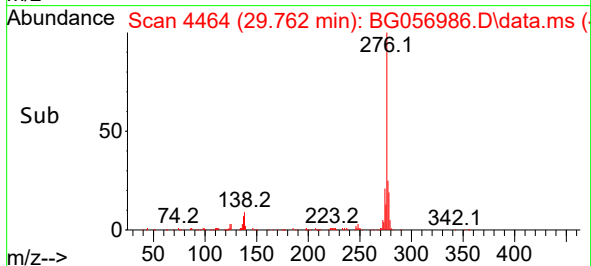
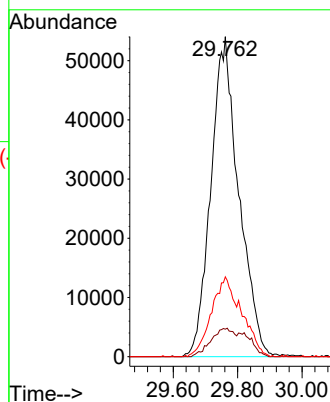
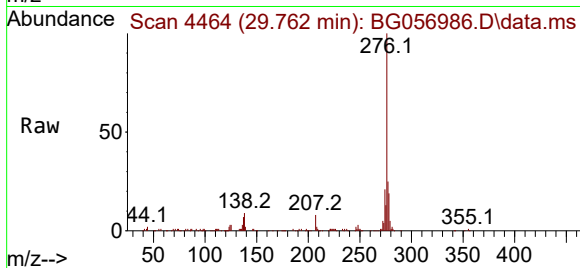
Tgt Ion:276 Resp: 324793

Ion Ratio Lower Upper

276 100

138 7.5 7.7 11.5#

277 26.9 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 45.888 ng

RT: 24.510 min Scan# 3570

Delta R.T. 0.006 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

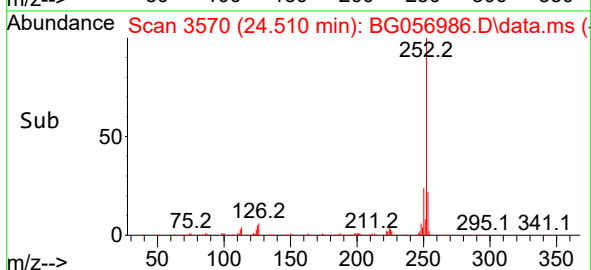
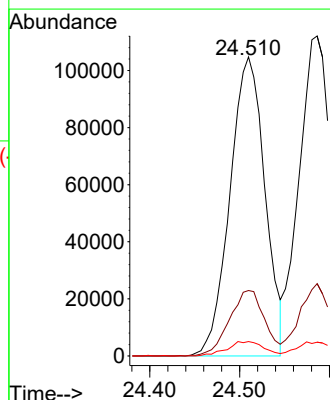
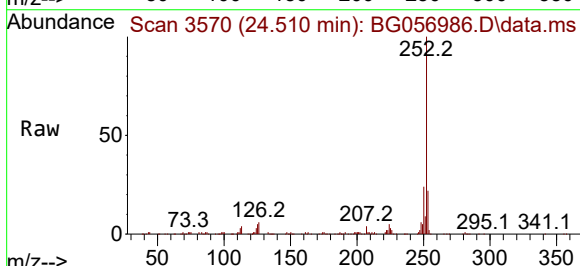
Tgt Ion:252 Resp: 283411

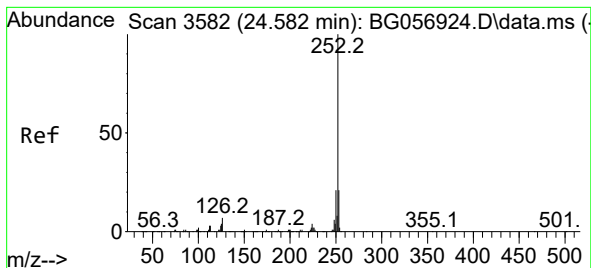
Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 4.8 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 45.865 ng

RT: 24.586 min Scan# 3

Delta R.T. 0.012 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

Instrument :

BNA_G

ClientSampleId :

PB151898BS

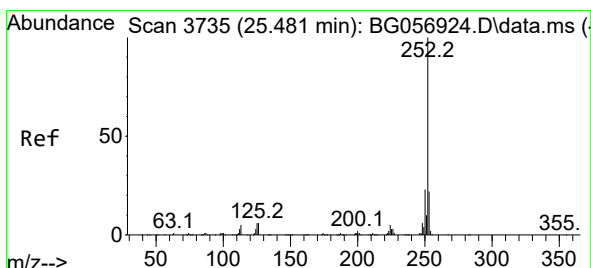
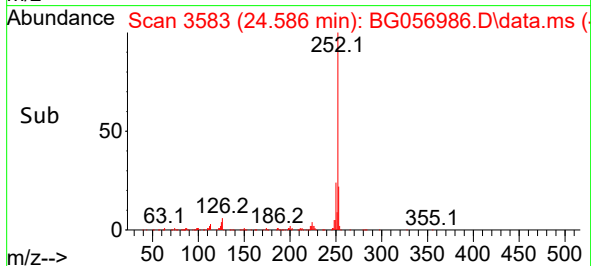
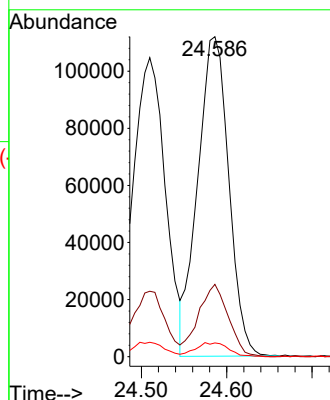
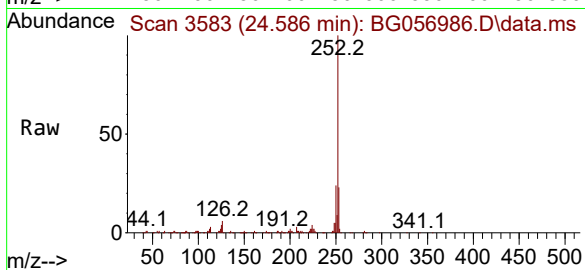
Tgt Ion:252 Resp: 282798

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 4.3 3.8 5.6



#90

Benzo(a)pyrene

Concen: 40.958 ng

RT: 25.479 min Scan# 3735

Delta R.T. 0.012 min

Lab File: BG056986.D

Acq: 5 Apr 2023 11:23

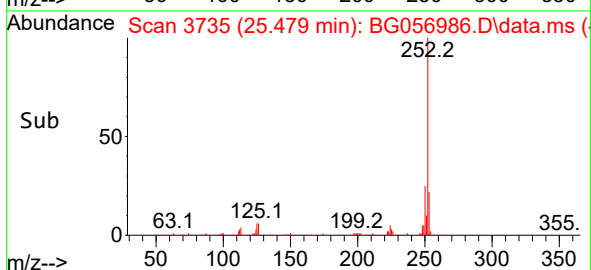
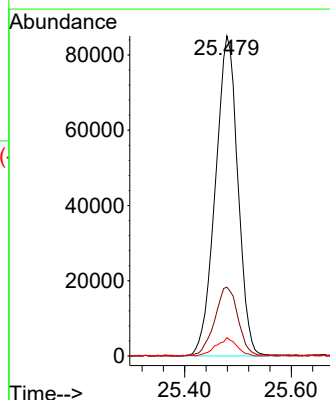
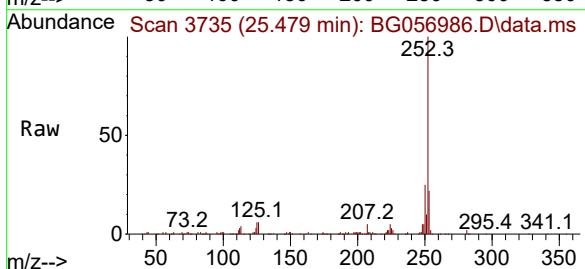
Tgt Ion:252 Resp: 248575

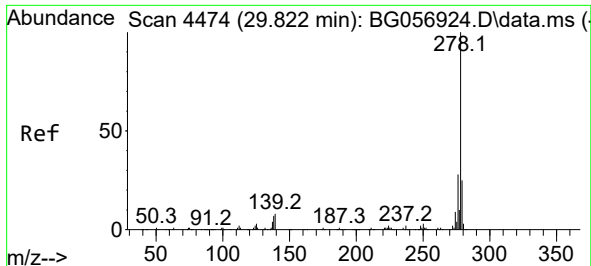
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 5.7 4.5 6.7

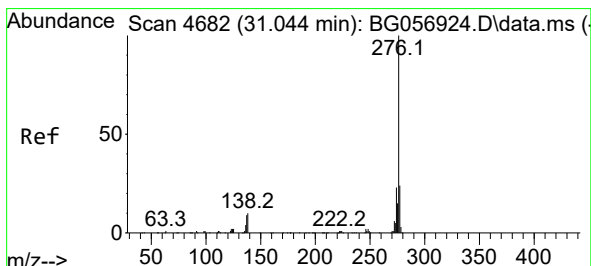
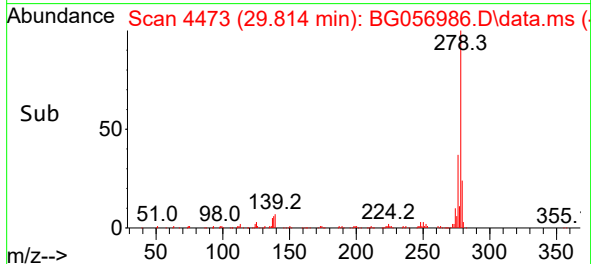
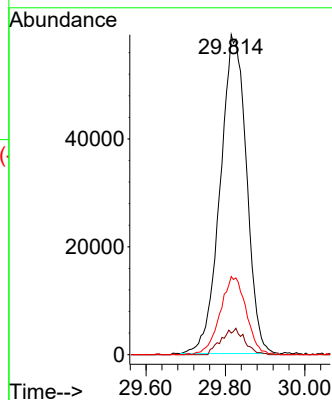
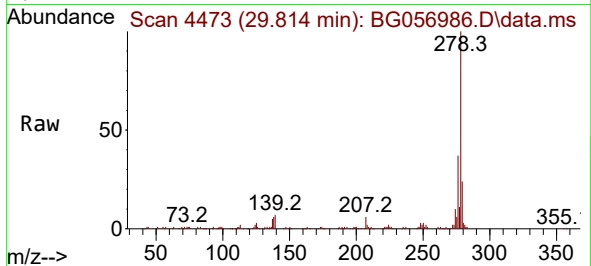




#91
Dibenzo(a,h)anthracene
Concen: 45.214 ng
RT: 29.814 min Scan# 4474
Delta R.T. 0.006 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Instrument :
BNA_G
ClientSampleId :
PB151898BS

Tgt Ion:278 Resp: 271278
Ion Ratio Lower Upper
278 100
139 6.8 6.4 9.6
279 24.4 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 44.415 ng
RT: 31.060 min Scan# 4685
Delta R.T. 0.030 min
Lab File: BG056986.D
Acq: 5 Apr 2023 11:23

Tgt Ion:276 Resp: 260940
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 8.0 8.2 12.2#

