

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057821.D
 Acq On : 22 Jun 2023 23:45
 Operator : CG/JU
 Sample : 03320-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

Quant Time: Jun 23 03:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	33628	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	153973	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	116572	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	294768	20.000	ng	0.00
76) Chrysene-d12	21.554	240	258884	20.000	ng	0.00
86) Perylene-d12	24.697	264	327157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	290852	133.361	ng	0.00
7) Phenol-d6	7.083	99	404219	121.468	ng	0.00
23) Nitrobenzene-d5	9.080	82	256243	85.413	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	224481	138.241	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	600336	78.111	ng	0.00
79) Terphenyl-d14	19.915	244	1223305	88.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	32478	32.715	ng	# 34
3) Pyridine	3.804	79	85757	28.362	ng	93
4) n-Nitrosodimethylamine	3.710	42	49390	35.748	ng	92
6) Aniline	7.247	93	119202	27.975	ng	97
8) 2-Chlorophenol	7.488	128	108579	48.394	ng	97
9) Benzaldehyde	7.059	77	49506	23.659	ng	99
10) Phenol	7.112	94	145995	44.558	ng	95
11) bis(2-Chloroethyl)ether	7.341	93	105119	41.728	ng	96
12) 1,3-Dichlorobenzene	7.811	146	90786	39.760	ng	98
13) 1,4-Dichlorobenzene	7.958	146	94284	40.752	ng	96
14) 1,2-Dichlorobenzene	8.275	146	94058	42.015	ng	96
15) Benzyl Alcohol	8.158	79	114740	45.093	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	175066	36.176	ng	95
17) 2-Methylphenol	8.358	107	108857	45.171	ng	96
18) Hexachloroethane	9.004	117	32610	39.973	ng	95
19) n-Nitroso-di-n-propyla...	8.722	70	91796	39.566	ng	94
20) 3+4-Methylphenols	8.687	107	154065	46.282	ng	98
22) Acetophenone	8.745	105	182453	42.257	ng	# 96
24) Nitrobenzene	9.127	77	129060	41.334	ng	96
25) Isophorone	9.644	82	282275	41.183	ng	99
26) 2-Nitrophenol	9.832	139	57354	57.738	ng	99
27) 2,4-Dimethylphenol	9.897	122	120662	49.063	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	157808	42.753	ng	99
29) 2,4-Dichlorophenol	10.373	162	118251	50.633	ng	99
30) 1,2,4-Trichlorobenzene	10.584	180	109343	42.003	ng	97
31) Naphthalene	10.773	128	332335	40.554	ng	99
32) Benzoic acid	10.044	122	88086	48.647	ng	96
33) 4-Chloroaniline	10.884	127	60434	15.916	ng	96
34) Hexachlorobutadiene	11.060	225	63673	40.091	ng	98
35) Caprolactam	11.660	113	22813	24.072	ng	# 77
36) 4-Chloro-3-methylphenol	12.006	107	150956	49.492	ng	99
37) 2-Methylnaphthalene	12.382	142	246160	41.210	ng	98
38) 1-Methylnaphthalene	12.600	142	236295	41.906	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	132774	41.085	ng	99
41) Hexachlorocyclopentadiene	12.729	237	163527	95.311	ng	99
43) 2,4,6-Trichlorophenol	12.988	196	111087	48.007	ng	97

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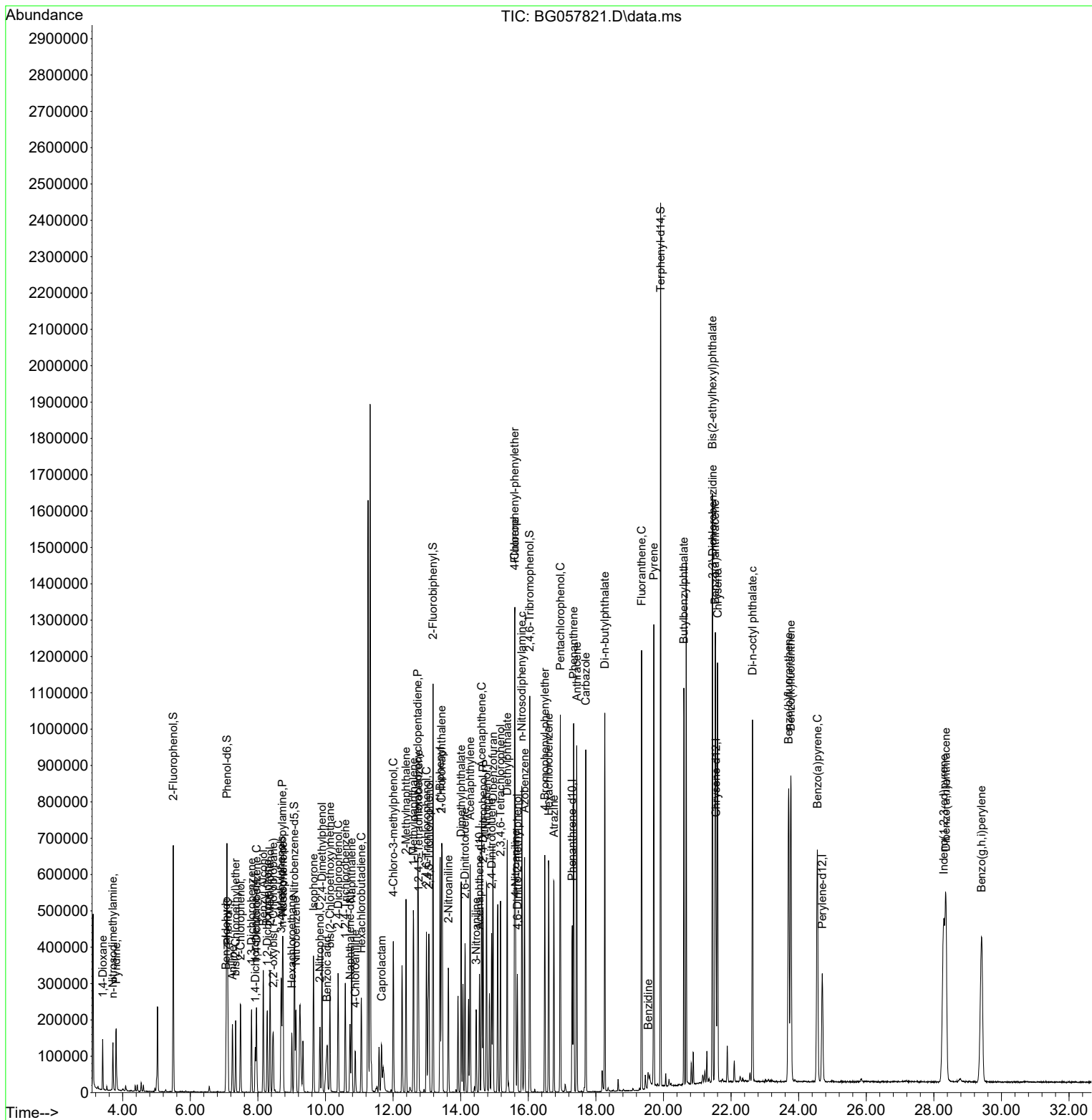
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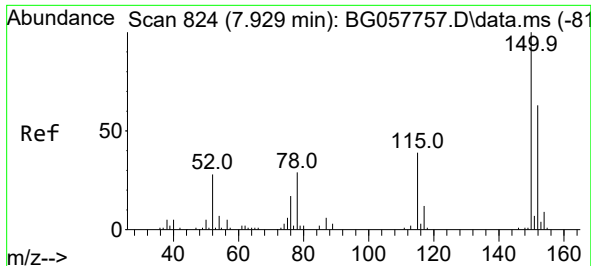
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	122807	45.530	ng	95
46) 1,1'-Biphenyl	13.393	154	342314	42.767	ng	99
47) 2-Chloronaphthalene	13.434	162	262297	42.655	ng	98
48) 2-Nitroaniline	13.634	65	108635	49.713	ng	97
49) Acenaphthylene	14.280	152	454980	43.107	ng	99
50) Dimethylphthalate	14.016	163	395719	44.198	ng	99
51) 2,6-Dinitrotoluene	14.127	165	86194	52.279	ng	92
52) Acenaphthene	14.621	154	262698	40.204	ng	97
53) 3-Nitroaniline	14.456	138	54380	29.267	ng	95
54) 2,4-Dinitrophenol	14.662	184	104162	116.101	ng	99
55) Dibenzofuran	14.956	168	451974	43.019	ng	98
56) 4-Nitrophenol	14.768	139	151127	102.346	ng	94
57) 2,4-Dinitrotoluene	14.915	165	124154	55.529	ng	94
58) Fluorene	15.602	166	367403	44.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	115163	50.099	ng	99
60) Diethylphthalate	15.379	149	408201	44.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.596	204	195736	44.263	ng	96
62) 4-Nitroaniline	15.626	138	90157	47.596	ng	98
63) Azobenzene	15.890	77	393669	41.898	ng	98
65) 4,6-Dinitro-2-methylph...	15.679	198	74199	54.043	ng	91
66) n-Nitrosodiphenylamine	15.808	169	327539	42.101	ng	98
67) 4-Bromophenyl-phenylether	16.489	248	135895	43.471	ng	94
68) Hexachlorobenzene	16.601	284	148272	46.526	ng	99
69) Atrazine	16.760	200	107934	40.416	ng	96
70) Pentachlorophenol	16.948	266	204722	86.954	ng	99
71) Phenanthrene	17.341	178	620615	43.484	ng	99
72) Anthracene	17.435	178	634171	43.515	ng	99
73) Carbazole	17.700	167	607036	45.175	ng	100
74) Di-n-butylphthalate	18.264	149	736717	46.303	ng	100
75) Fluoranthene	19.351	202	759734	44.684	ng	100
77) Benzidine	19.550	184	76544	12.613	ng	98
78) Pyrene	19.715	202	786008	42.562	ng	100
80) Butylbenzylphthalate	20.602	149	323625	46.067	ng	97
81) Benzo(a)anthracene	21.530	228	784576	44.172	ng	99
82) 3,3'-Dichlorobenzidine	21.454	252	156796	25.955	ng	98
83) Chrysene	21.601	228	732233	42.957	ng	99
84) Bis(2-ethylhexyl)phtha...	21.448	149	466317	45.718	ng	99
85) Di-n-octyl phthalate	22.635	149	829476	46.365	ng	96
87) Indeno(1,2,3-cd)pyrene	28.293	276	974767	45.571	ng	# 93
88) Benzo(b)fluoranthene	23.704	252	825693	46.056	ng	98
89) Benzo(k)fluoranthene	23.769	252	821575	44.996	ng	99
90) Benzo(a)pyrene	24.556	252	742538	42.173	ng	100
91) Dibenzo(a,h)anthracene	28.358	278	814271	45.881	ng	99
92) Benzo(g,h,i)perylene	29.409	276	800659	45.056	ng	98

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

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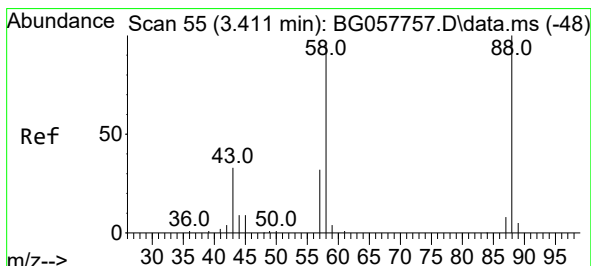
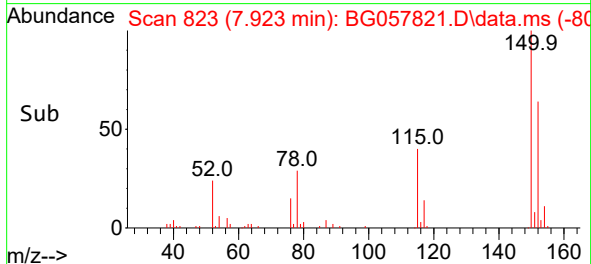
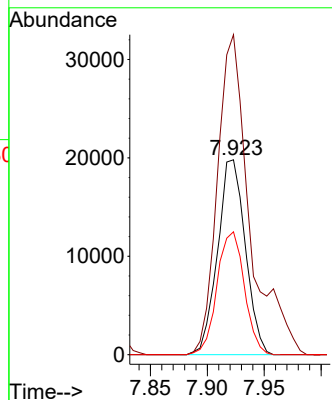
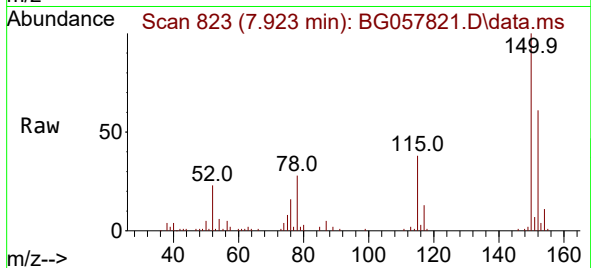




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057821.D
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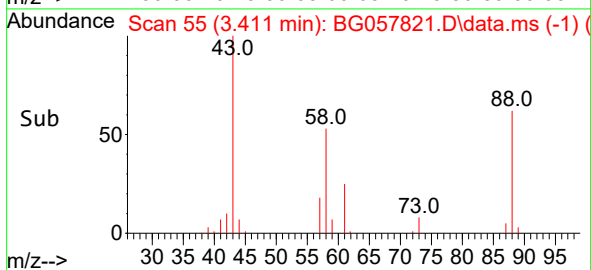
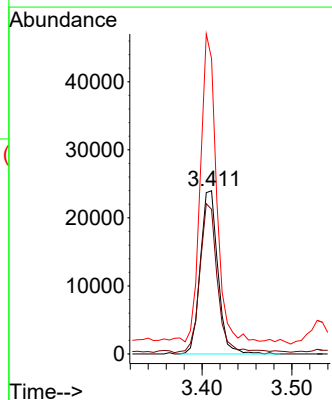
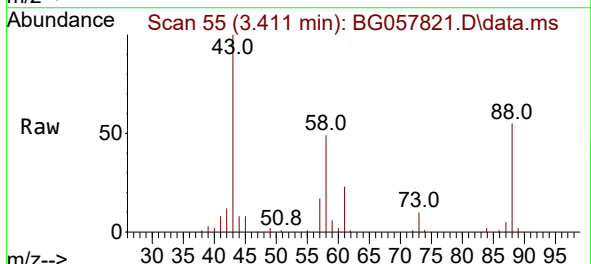
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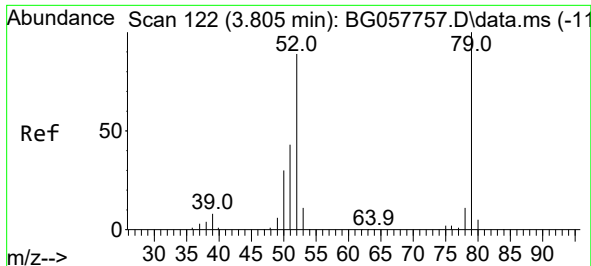
Tgt Ion:152 Resp: 33628
Ion Ratio Lower Upper
152 100
150 164.2 126.6 189.8
115 63.1 48.9 73.3



#2
1,4-Dioxane
Concen: 32.715 ng
RT: 3.411 min Scan# 55
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 88 Resp: 32478
Ion Ratio Lower Upper
88 100
58 92.0 76.2 114.4
43 171.9 26.3 39.5#

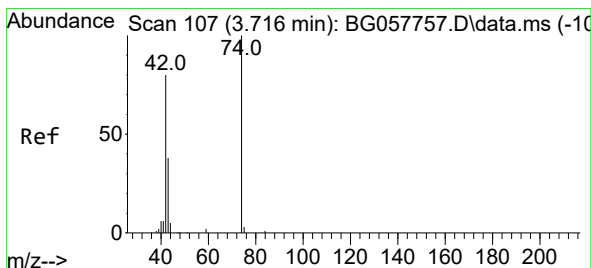
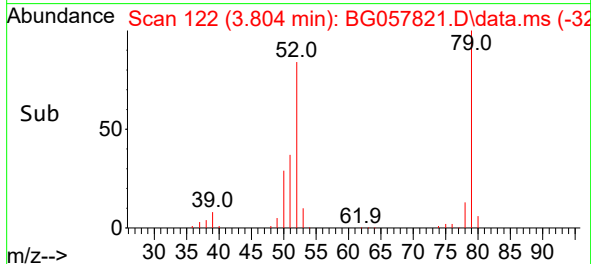
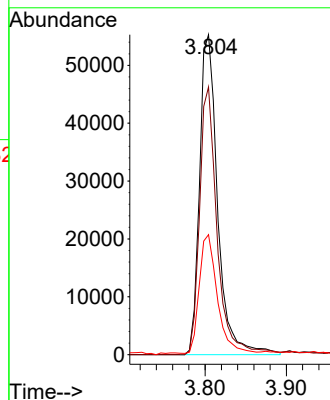
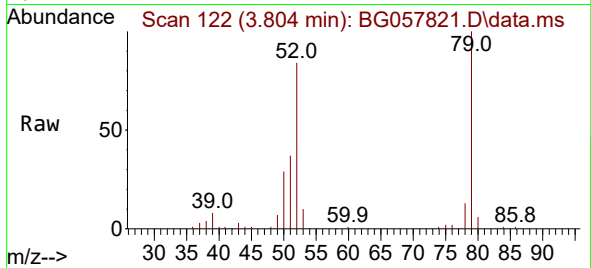




#3
Pyridine
Concen: 28.362 ng
RT: 3.804 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

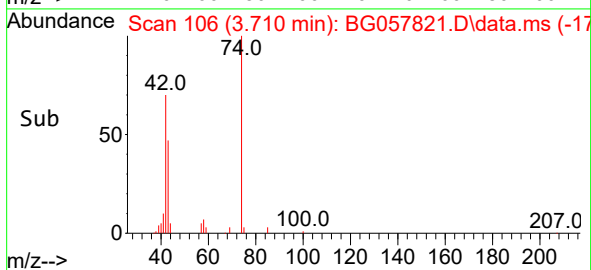
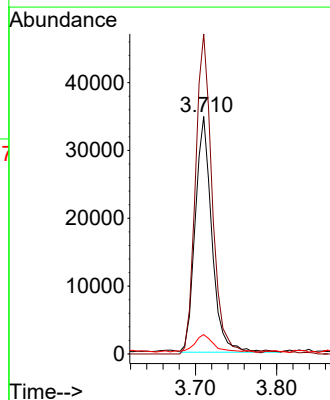
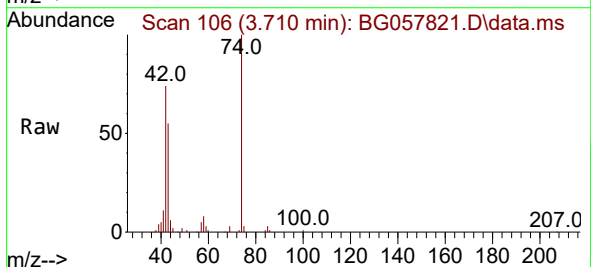
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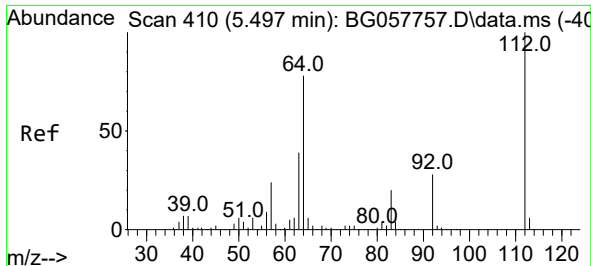
Tgt Ion: 79 Resp: 85757
Ion Ratio Lower Upper
79 100
52 83.7 71.4 107.0
51 37.5 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 35.748 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 42 Resp: 49390
Ion Ratio Lower Upper
42 100
74 134.7 99.9 149.9
44 8.1 6.0 9.0

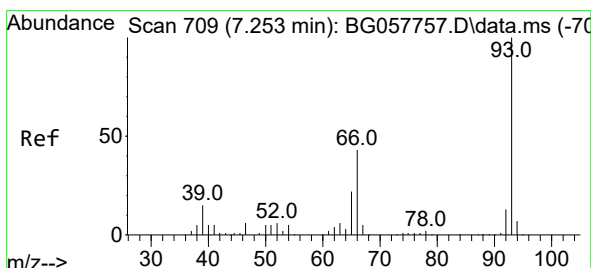
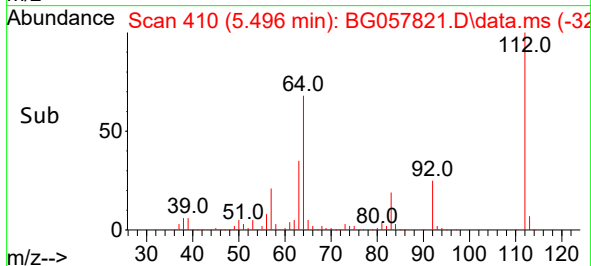
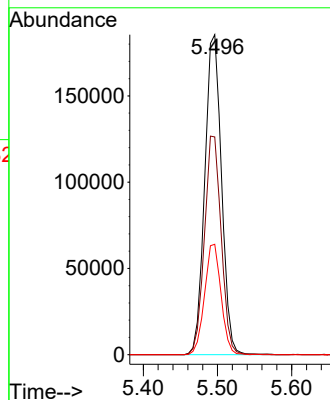
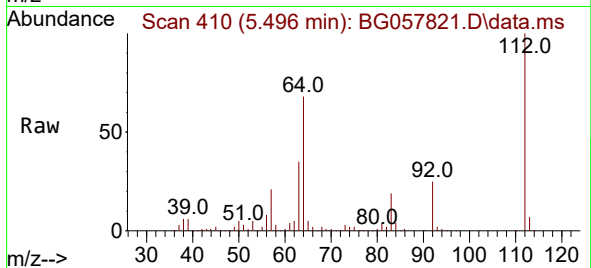




#5
2-Fluorophenol
Concen: 133.361 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

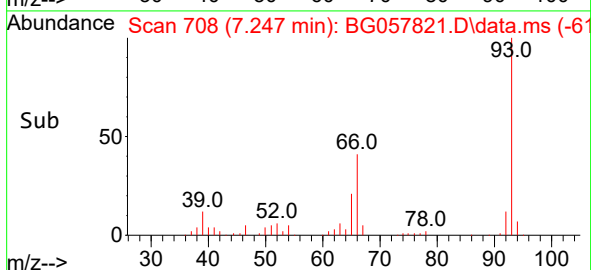
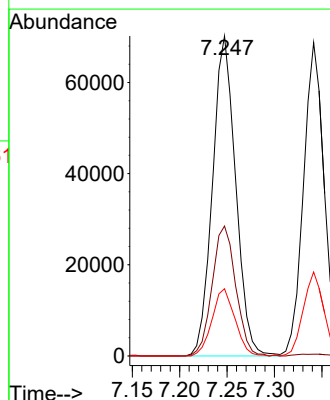
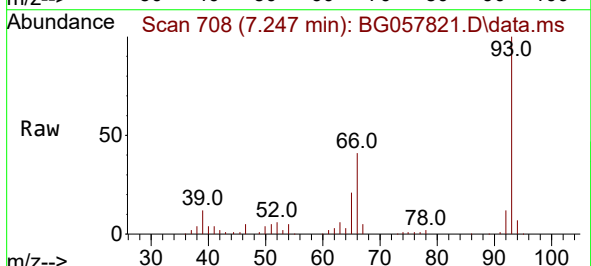
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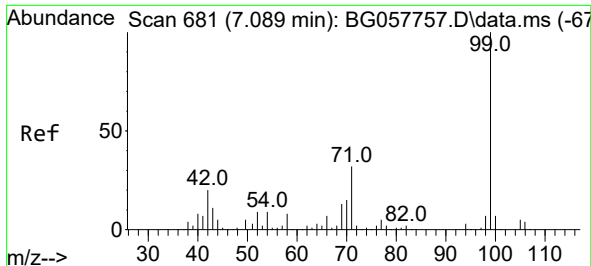
Tgt Ion:112 Resp: 290852
Ion Ratio Lower Upper
112 100
64 68.1 62.1 93.1
63 34.5 31.5 47.3



#6
Aniline
Concen: 27.975 ng
RT: 7.247 min Scan# 708
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 93 Resp: 119202
Ion Ratio Lower Upper
93 100
66 40.6 34.5 51.7
65 21.0 17.4 26.2

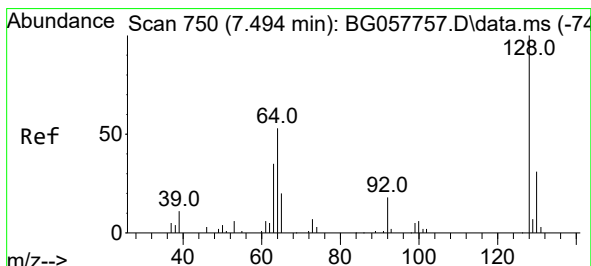
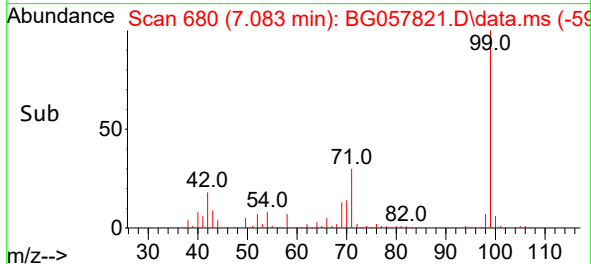
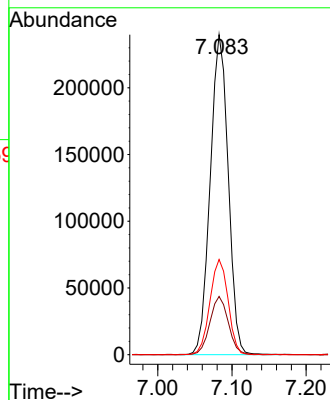
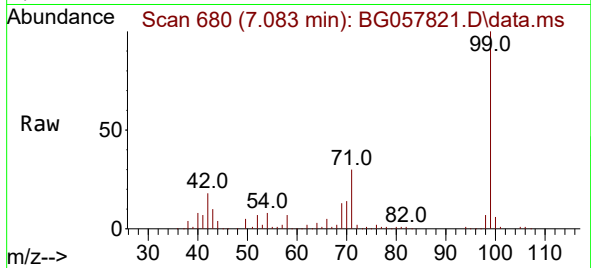




#7
Phenol-d6
Concen: 121.468 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

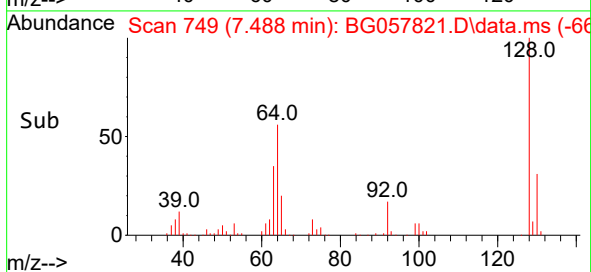
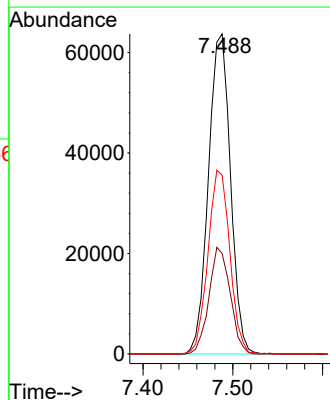
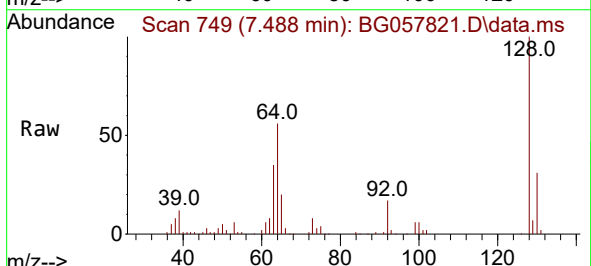
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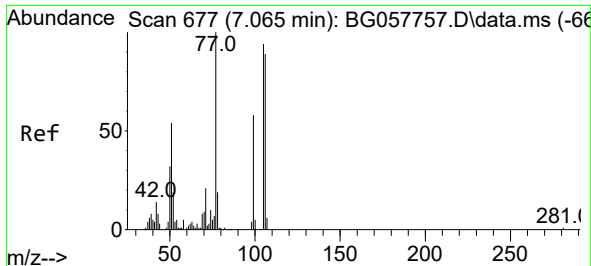
Tgt Ion: 99 Resp: 404219
Ion Ratio Lower Upper
99 100
42 18.2 16.4 24.6
71 29.8 25.8 38.6



#8
2-Chlorophenol
Concen: 48.394 ng
RT: 7.488 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:128 Resp: 108579
Ion Ratio Lower Upper
128 100
130 31.4 10.6 50.6
64 55.9 39.1 79.1

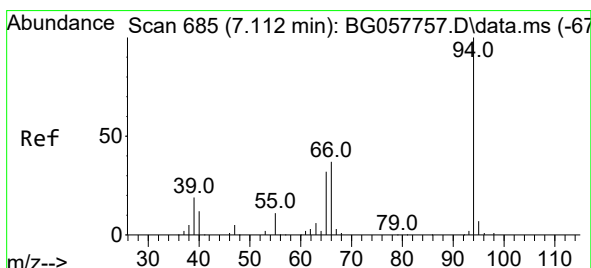
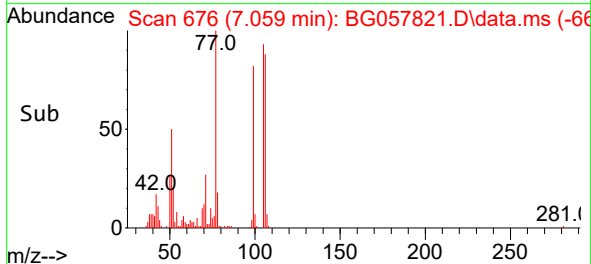
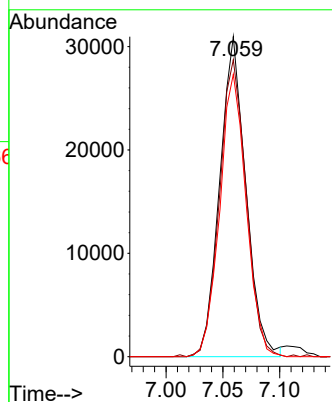
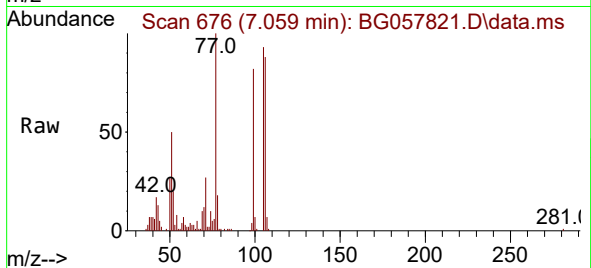




#9
Benzaldehyde
Concen: 23.659 ng
RT: 7.059 min Scan# 677
Delta R.T. -0.006 min
Lab File: BG057821.D
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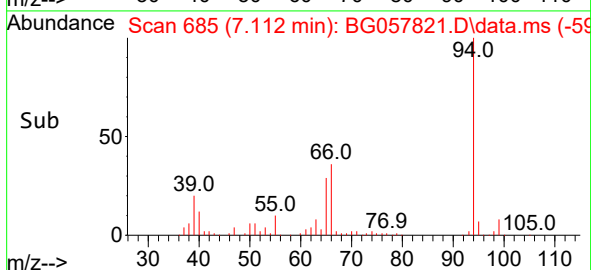
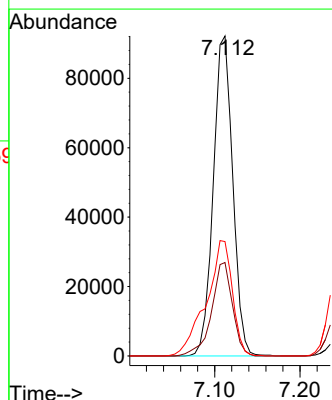
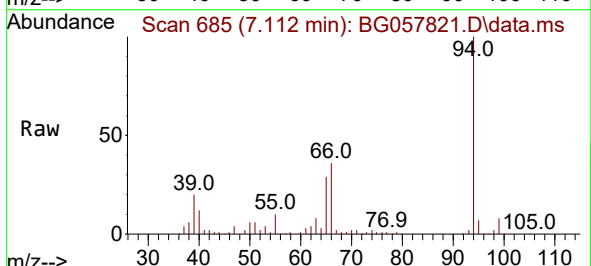
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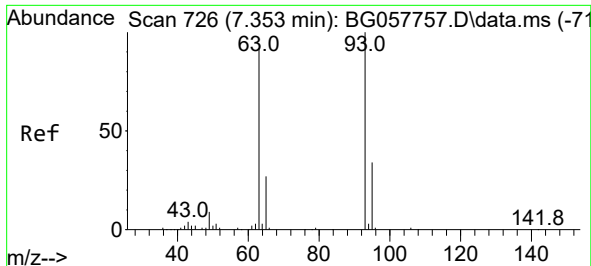
Tgt Ion: 77 Resp: 49506
Ion Ratio Lower Upper
77 100
105 92.8 73.7 113.7
106 88.2 69.0 109.0



#10
Phenol
Concen: 44.558 ng
RT: 7.112 min Scan# 685
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 94 Resp: 145995
Ion Ratio Lower Upper
94 100
65 29.2 12.2 52.2
66 35.7 18.3 58.3

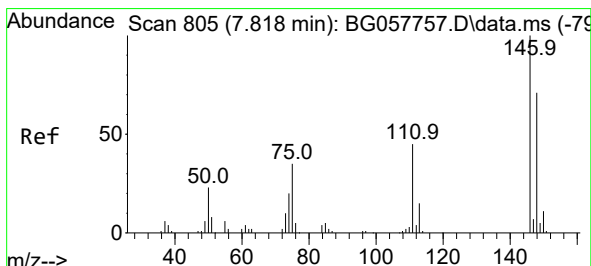
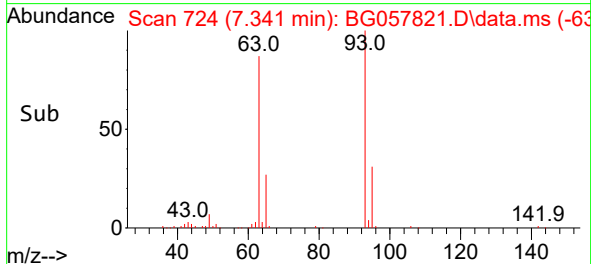
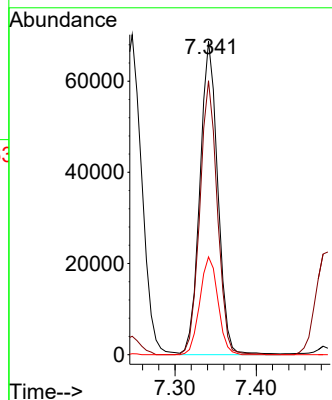
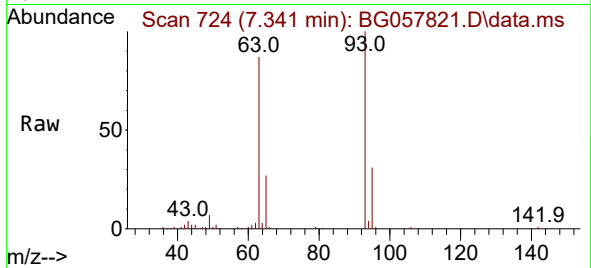




#11
bis(2-Chloroethyl)ether
Concen: 41.728 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

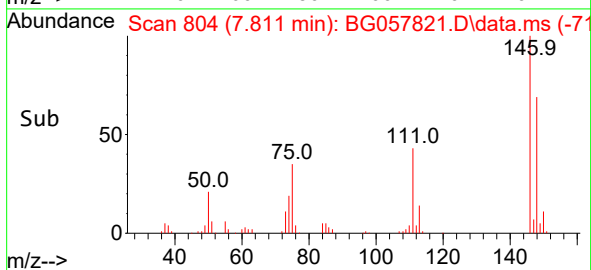
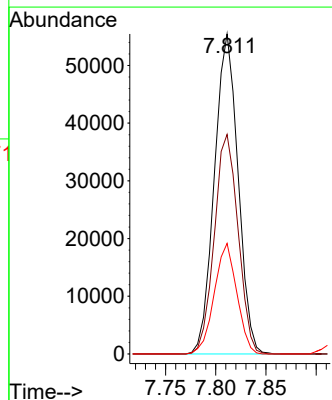
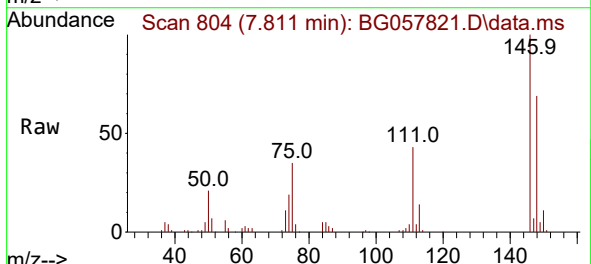
Instrument :
BNA_G
ClientSampleId :
WC-19MS

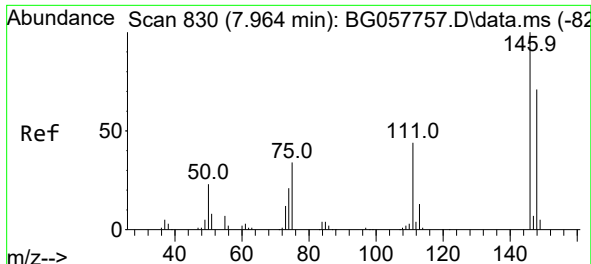
Tgt Ion: 93 Resp: 105119
Ion Ratio Lower Upper
93 100
63 87.4 71.2 111.2
95 31.2 14.2 54.2



#12
1,3-Dichlorobenzene
Concen: 39.760 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:146 Resp: 90786
Ion Ratio Lower Upper
146 100
148 68.6 57.0 85.6
75 34.6 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 40.752 ng

RT: 7.958 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

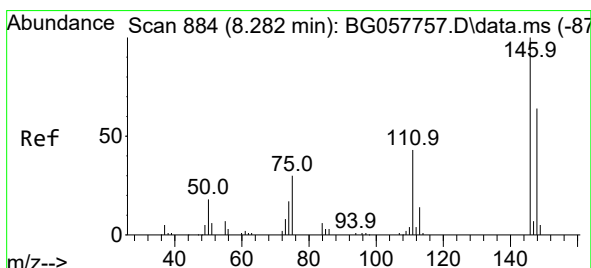
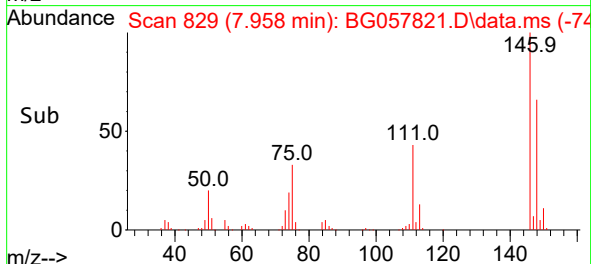
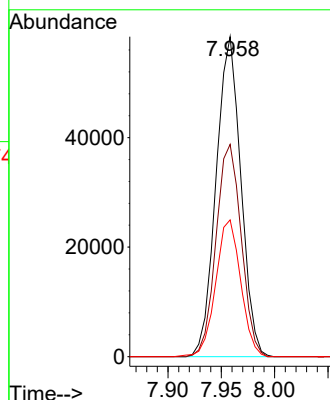
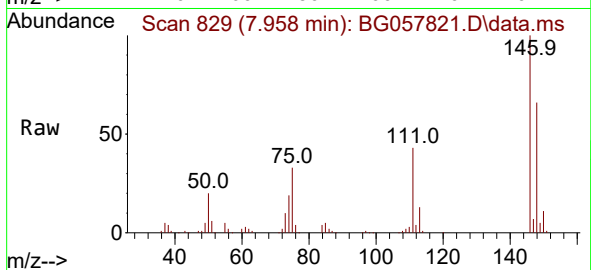
Tgt Ion:146 Resp: 94284

Ion Ratio Lower Upper

146 100

148 66.3 57.0 85.4

111 42.7 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 42.015 ng

RT: 8.275 min Scan# 883

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

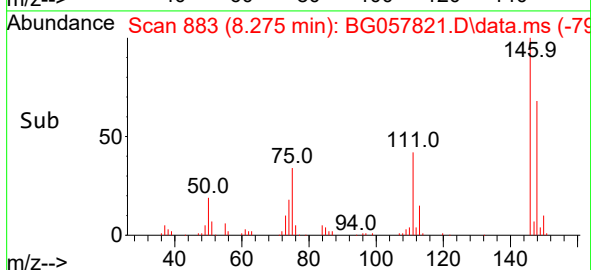
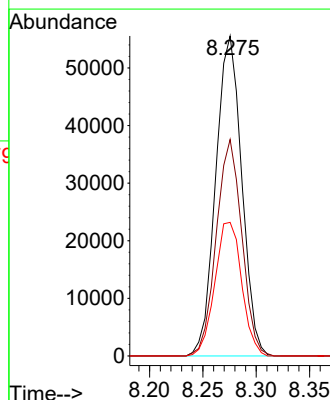
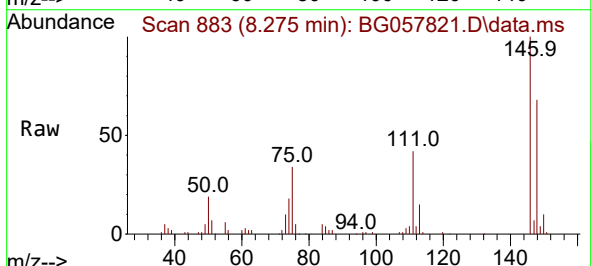
Tgt Ion:146 Resp: 94058

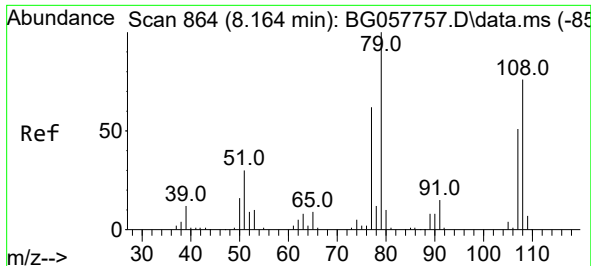
Ion Ratio Lower Upper

146 100

148 67.7 51.0 76.6

111 41.8 34.9 52.3

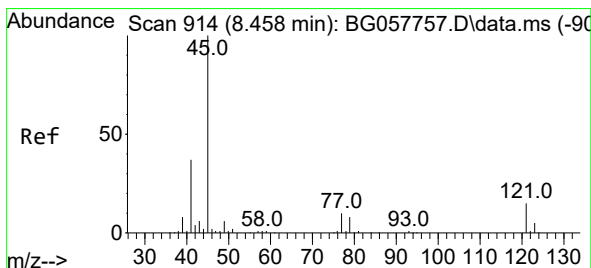
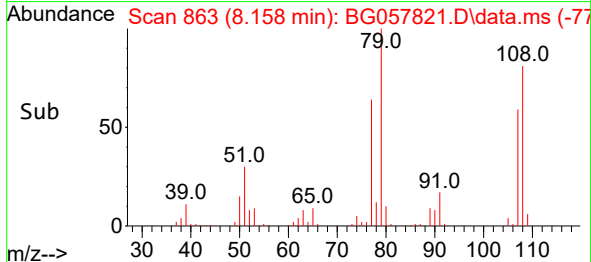
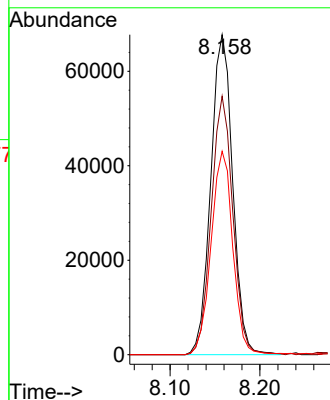
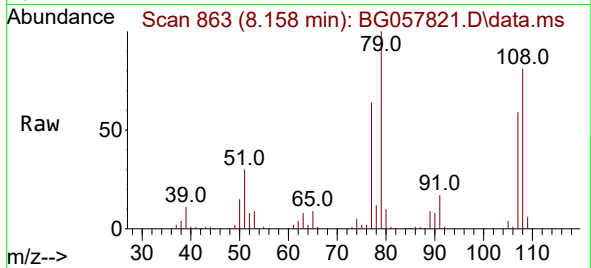




#15
Benzyl Alcohol
Concen: 45.093 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

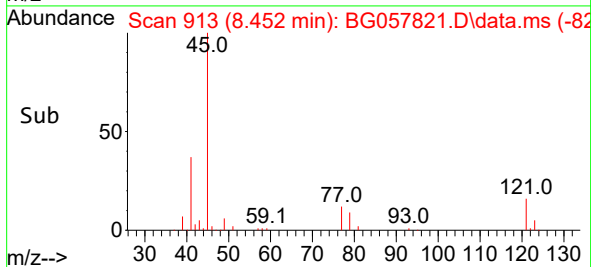
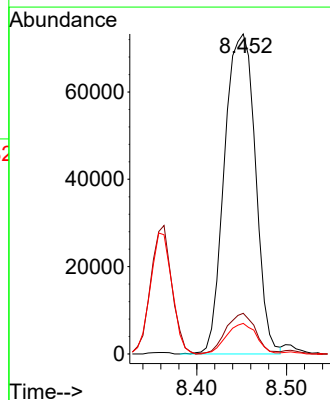
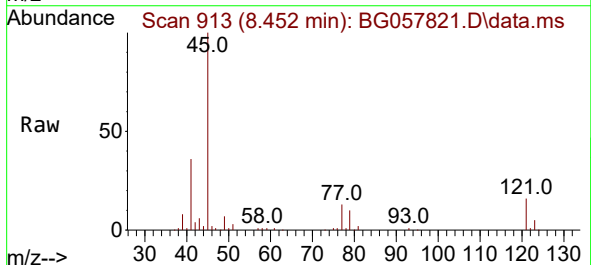
Instrument :
BNA_G
ClientSampleId :
WC-19MS

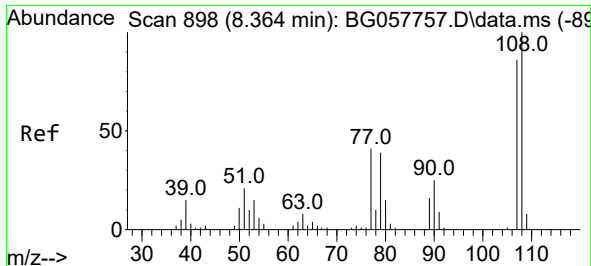
Tgt Ion: 79 Resp: 114740
Ion Ratio Lower Upper
79 100
108 80.8 60.5 90.7
77 63.5 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.176 ng
RT: 8.452 min Scan# 913
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 45 Resp: 175066
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.6
79 9.5 0.0 28.3





#17

2-Methylphenol

Concen: 45.171 ng

RT: 8.358 min Scan# 89

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion:107 Resp: 108857

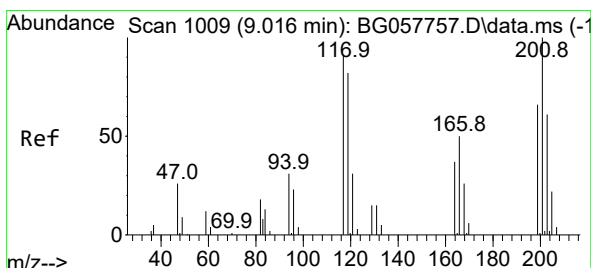
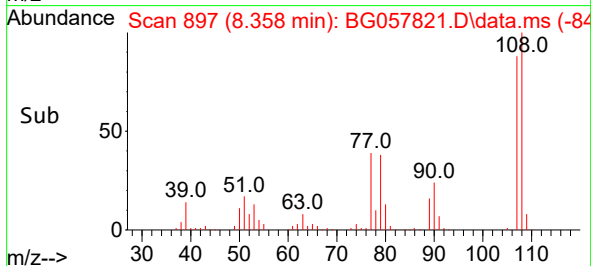
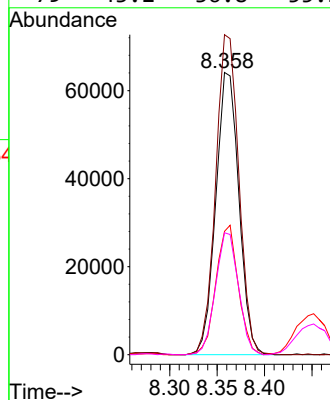
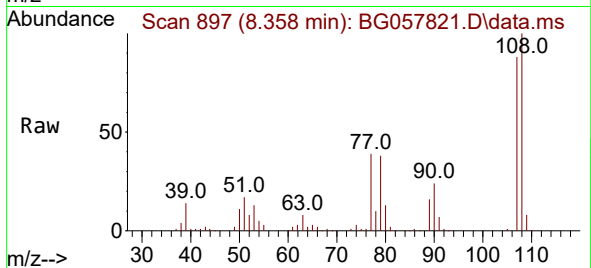
Ion Ratio Lower Upper

107 100

108 113.4 93.2 139.8

77 43.7 37.8 56.8

79 43.2 36.8 55.2



#18

Hexachloroethane

Concen: 39.973 ng

RT: 9.004 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

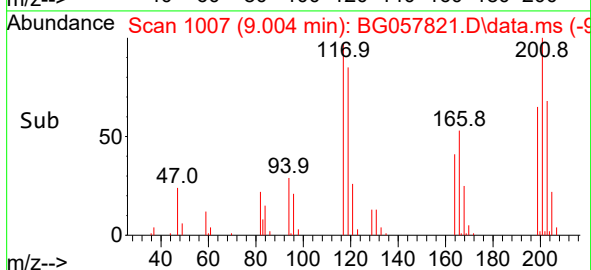
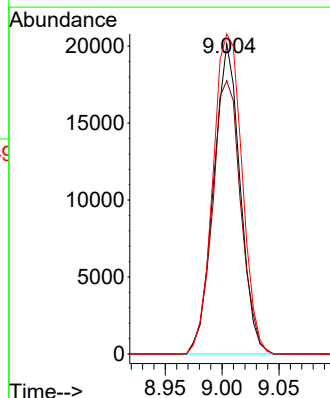
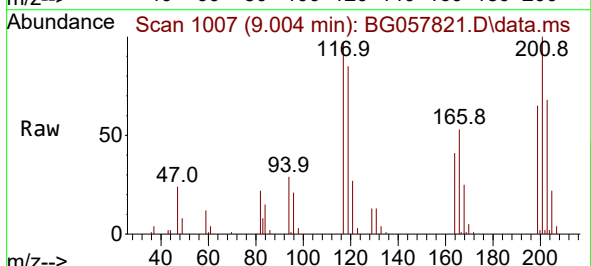
Tgt Ion:117 Resp: 32610

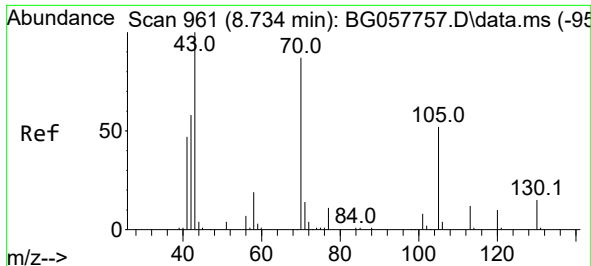
Ion Ratio Lower Upper

117 100

119 88.1 72.3 108.5

201 103.2 87.8 131.8

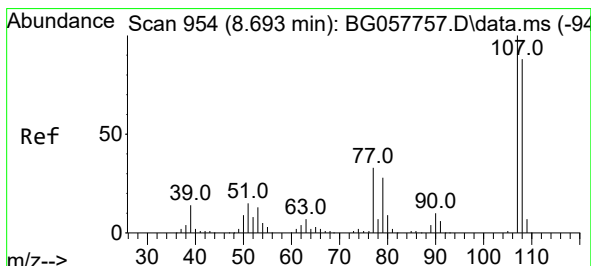
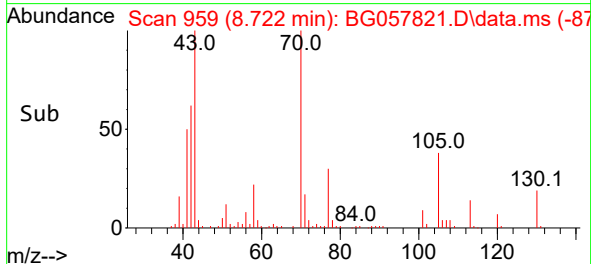
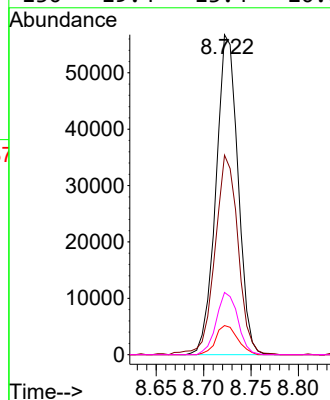
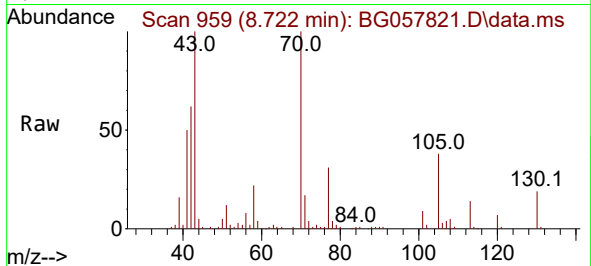




#19
n-Nitroso-di-n-propylamine
Concen: 39.566 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

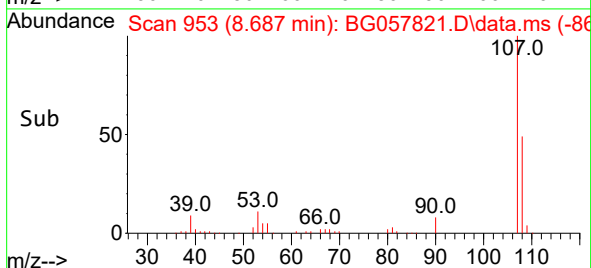
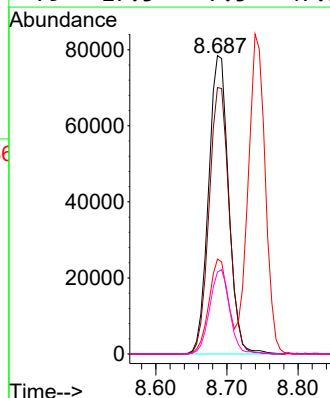
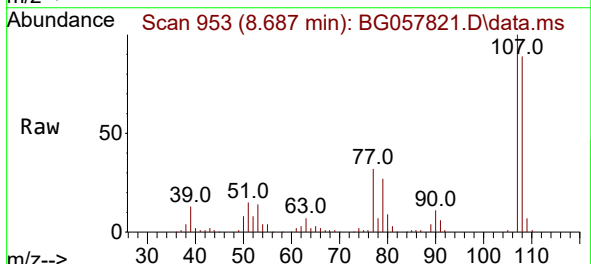
Instrument :
BNA_G
ClientSampleId :
WC-19MS

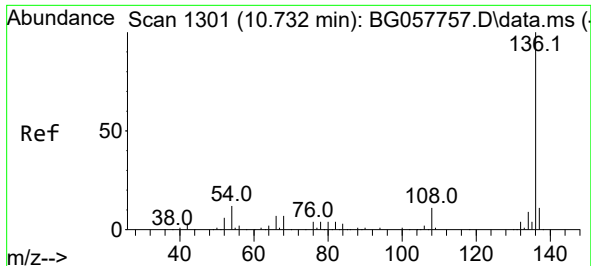
Tgt Ion: 70 Resp: 91796
Ion Ratio Lower Upper
70 100
42 62.3 54.2 81.2
101 9.1 7.4 11.0
130 19.4 13.4 20.0



#20
3+4-Methylphenols
Concen: 46.282 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 107 Resp: 154065
Ion Ratio Lower Upper
107 100
108 89.3 67.7 107.7
77 31.8 13.3 53.3
79 27.5 7.5 47.5

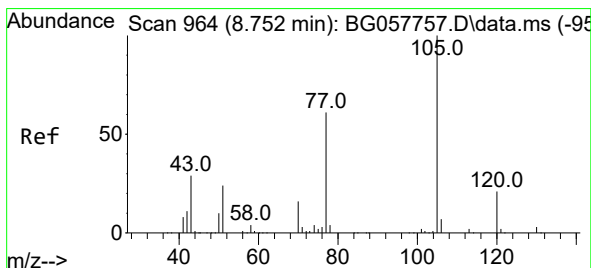
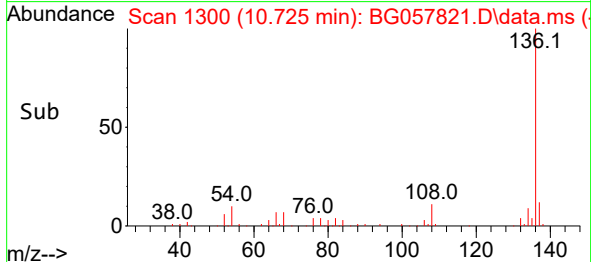
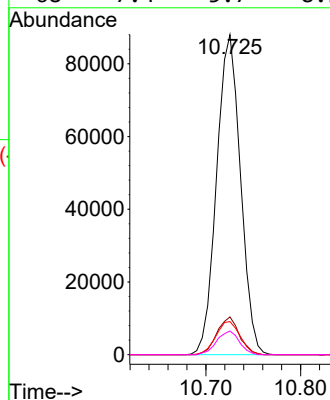
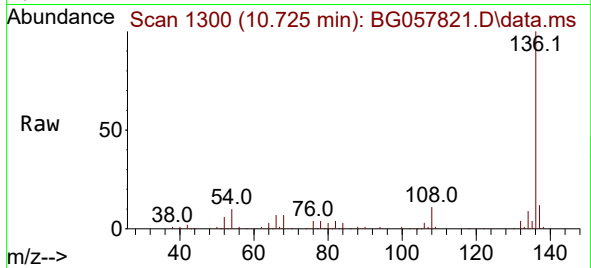




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

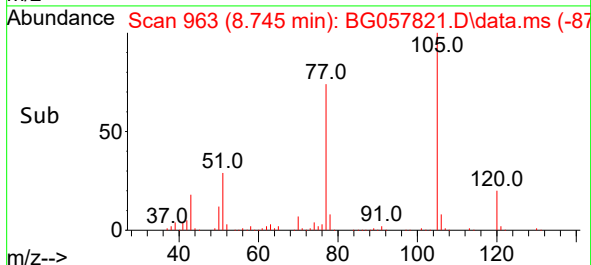
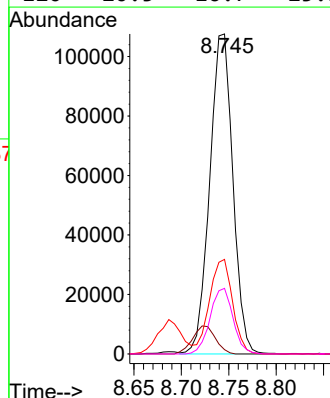
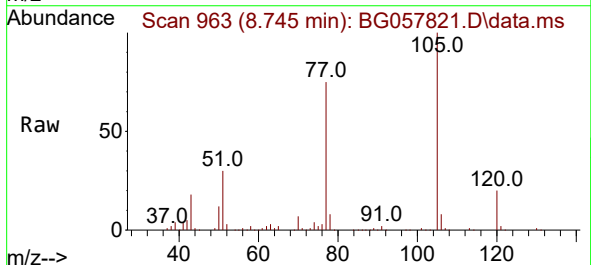
Instrument :
BNA_G
ClientSampleId :
WC-19MS

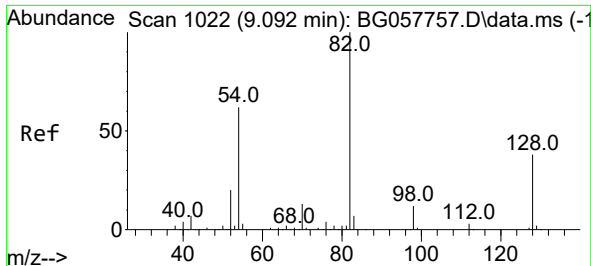
Tgt Ion:136 Resp: 153973
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 10.3 9.5 14.3
68 7.4 5.7 8.5



#22
Acetophenone
Concen: 42.257 ng
RT: 8.745 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:105 Resp: 182453
Ion Ratio Lower Upper
105 100
71 1.4 2.4 3.6#
51 29.6 25.9 38.9
120 20.5 16.7 25.1





#23

Nitrobenzene-d5

Concen: 85.413 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

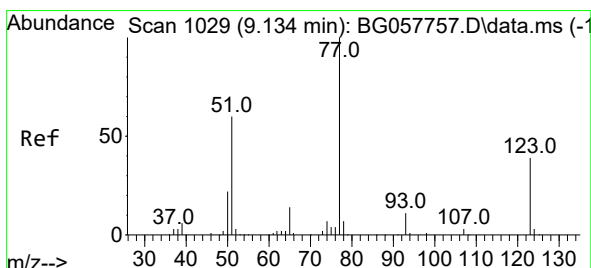
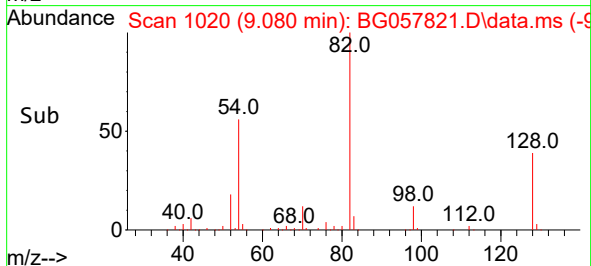
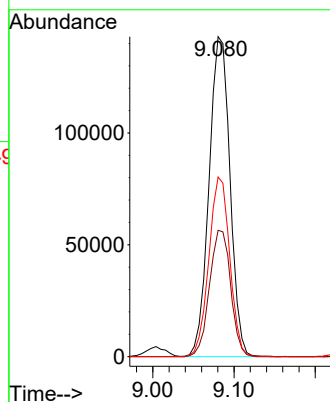
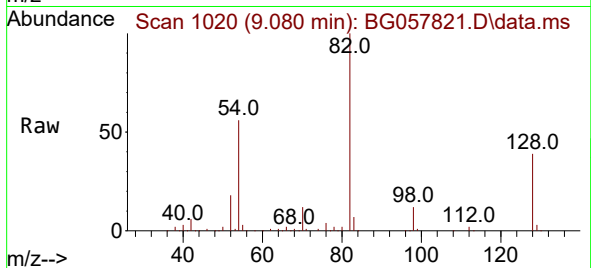
Tgt Ion: 82 Resp: 256243

Ion Ratio Lower Upper

82 100

128 39.5 30.7 46.1

54 56.2 49.6 74.4



#24

Nitrobenzene

Concen: 41.334 ng

RT: 9.127 min Scan# 1028

Delta R.T. -0.007 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

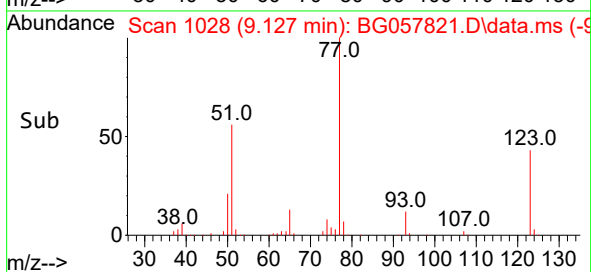
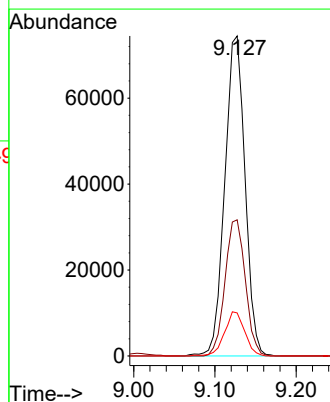
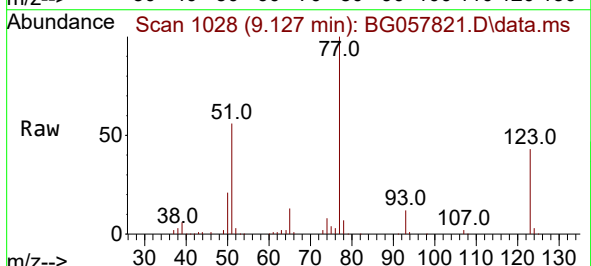
Tgt Ion: 77 Resp: 129060

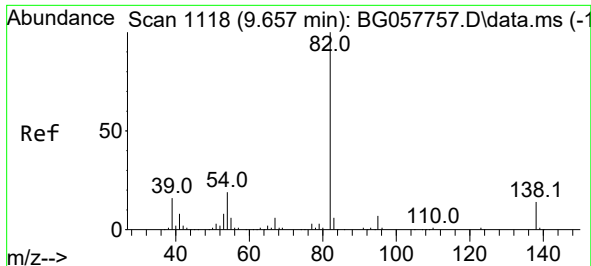
Ion Ratio Lower Upper

77 100

123 42.5 31.4 47.2

65 13.4 11.2 16.8

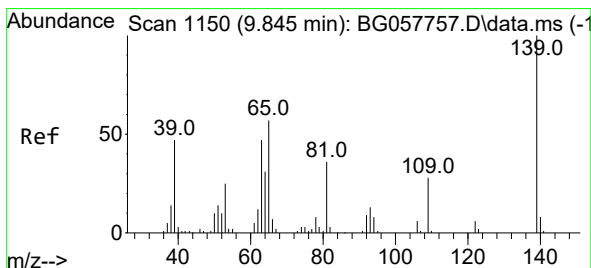
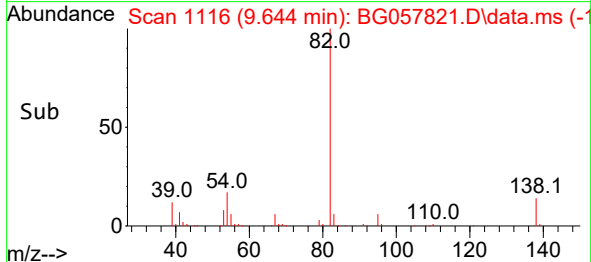
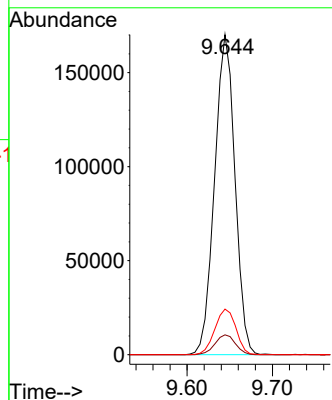
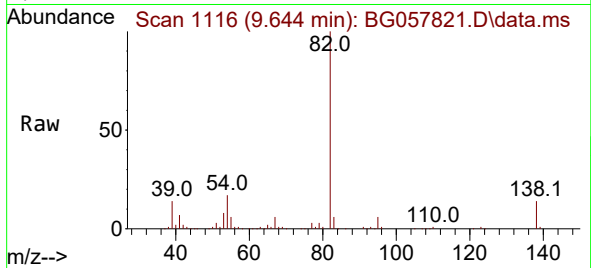




#25
Isophorone
Concen: 41.183 ng
RT: 9.644 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

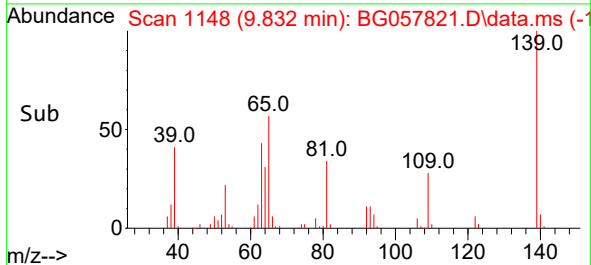
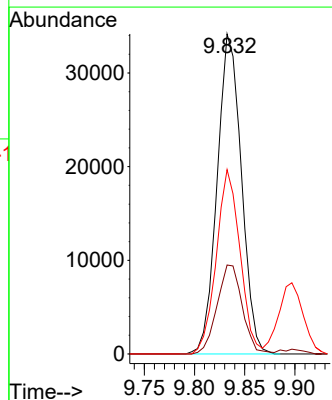
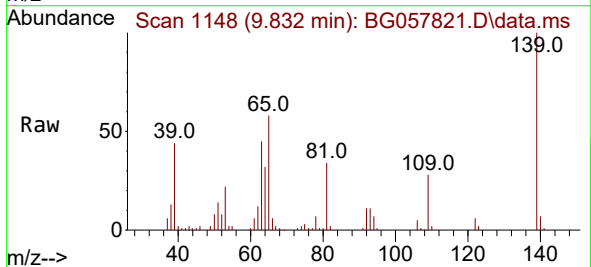
Instrument :
BNA_G
ClientSampleId :
WC-19MS

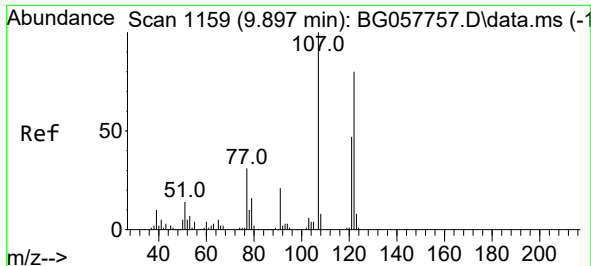
Tgt Ion: 82 Resp: 282275
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 14.3 11.1 16.7



#26
2-Nitrophenol
Concen: 57.738 ng
RT: 9.832 min Scan# 1148
Delta R.T. -0.013 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:139 Resp: 57354
Ion Ratio Lower Upper
139 100
109 27.8 22.5 33.7
65 57.6 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 49.063 ng

RT: 9.897 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

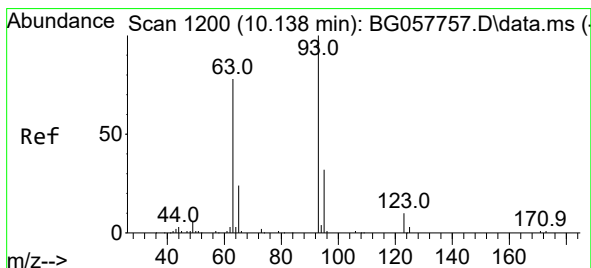
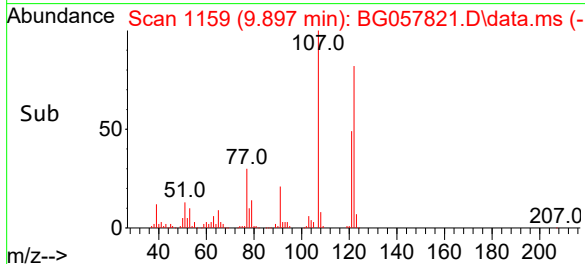
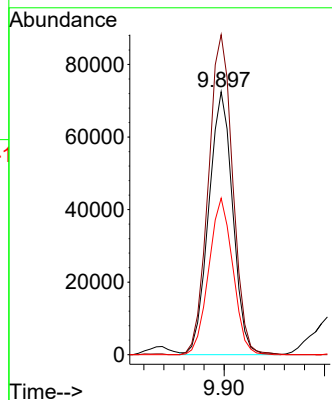
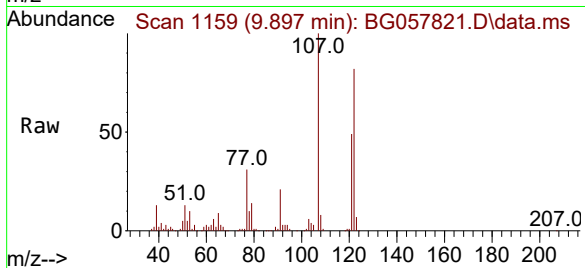
Tgt Ion:122 Resp: 120662

Ion Ratio Lower Upper

122 100

107 121.7 98.9 148.3

121 59.5 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.753 ng

RT: 10.132 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

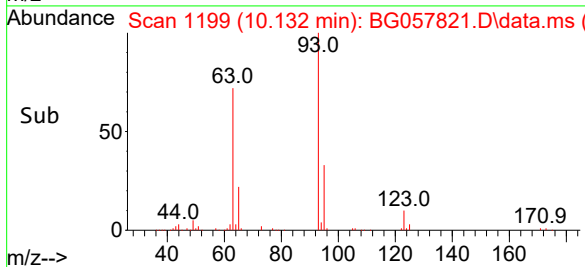
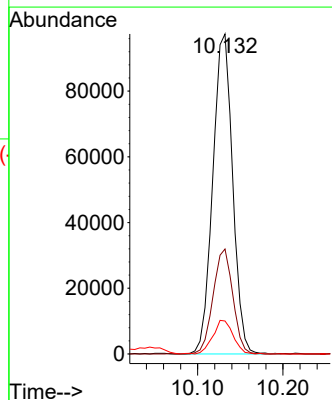
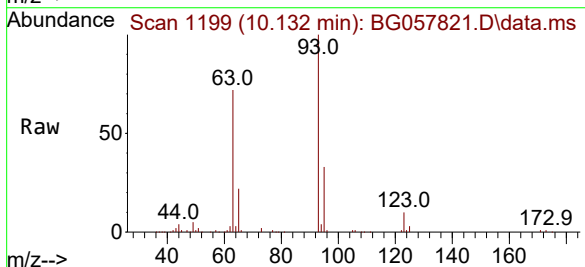
Tgt Ion: 93 Resp: 157808

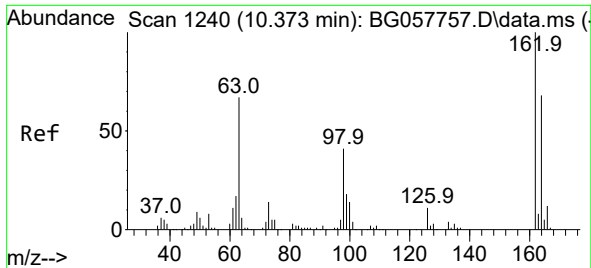
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 10.3 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 50.633 ng

RT: 10.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

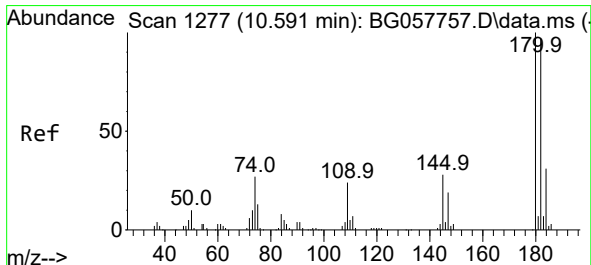
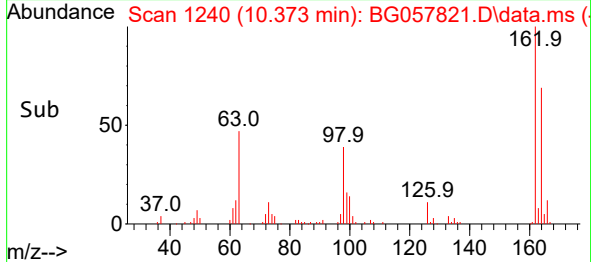
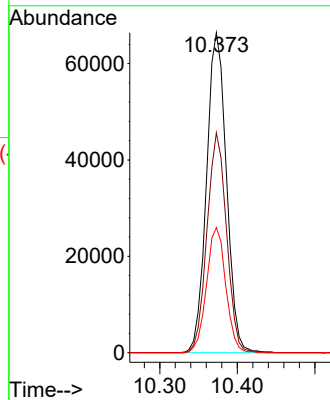
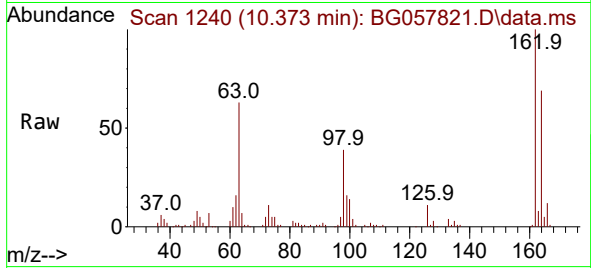
Tgt Ion:162 Resp: 118251

Ion Ratio Lower Upper

162 100

164 68.7 48.2 88.2

98 39.1 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 42.003 ng

RT: 10.584 min Scan# 1276

Delta R.T. -0.007 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

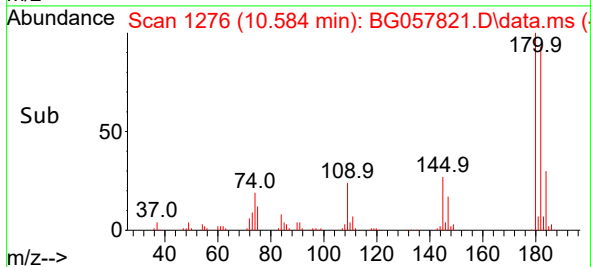
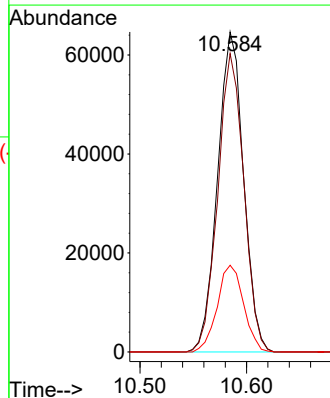
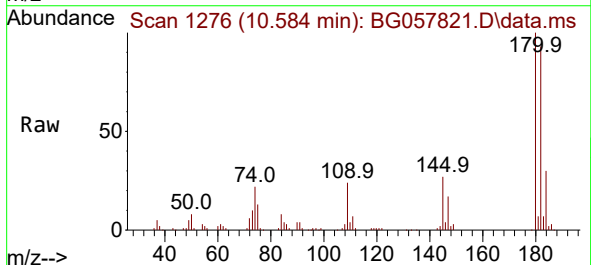
Tgt Ion:180 Resp: 109343

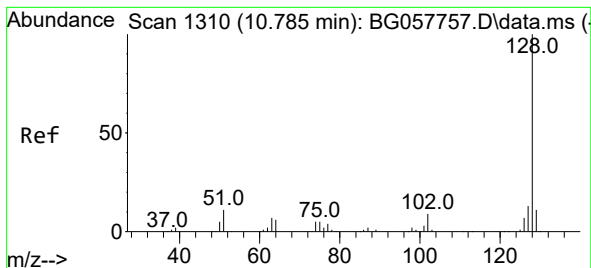
Ion Ratio Lower Upper

180 100

182 93.3 77.5 116.3

145 27.1 22.6 34.0





#31

Naphthalene

Concen: 40.554 ng

RT: 10.773 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

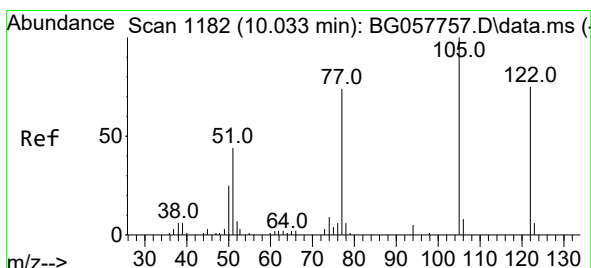
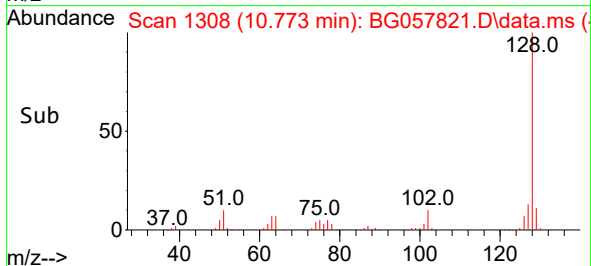
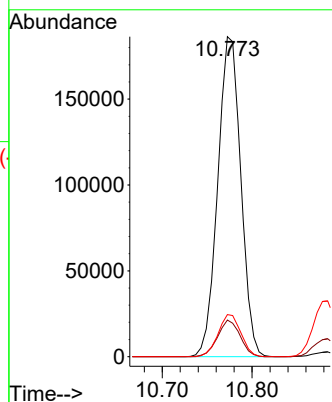
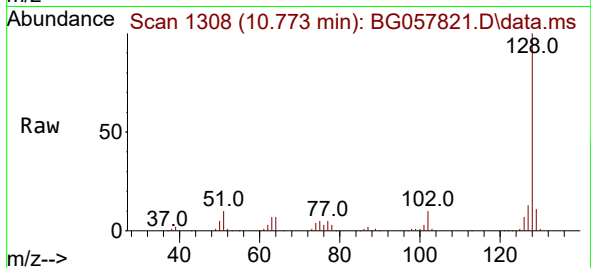
Tgt Ion:128 Resp: 332335

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 48.647 ng

RT: 10.044 min Scan# 1184

Delta R.T. 0.011 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

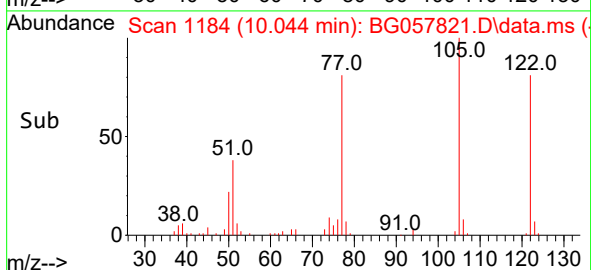
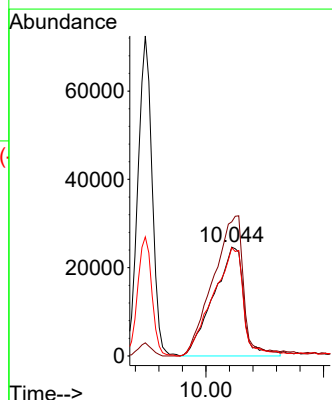
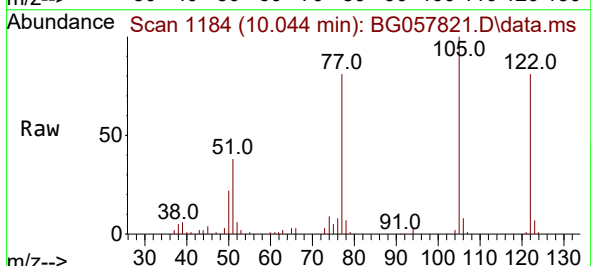
Tgt Ion:122 Resp: 88086

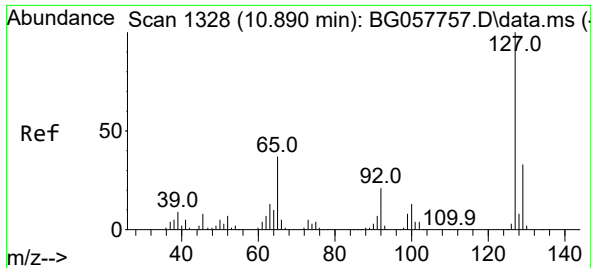
Ion Ratio Lower Upper

122 100

105 123.3 110.1 150.1

77 99.4 78.2 118.2

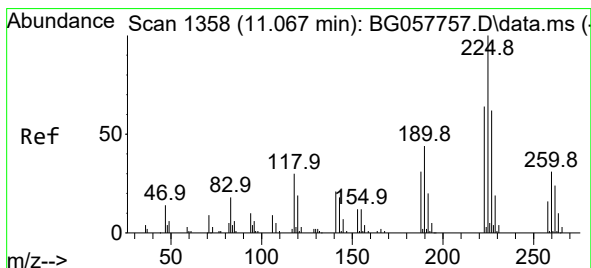
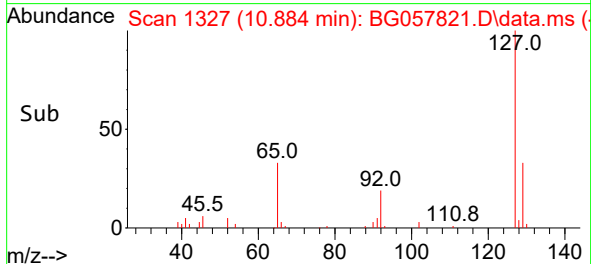
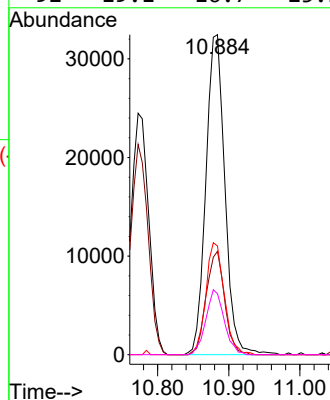
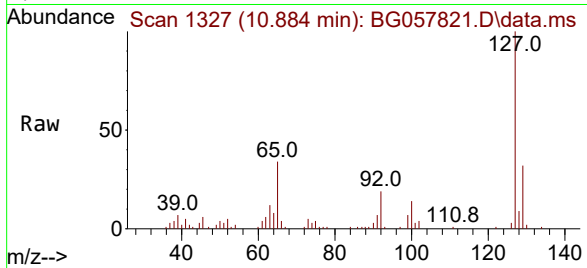




#33
4-Chloroaniline
Concen: 15.916 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

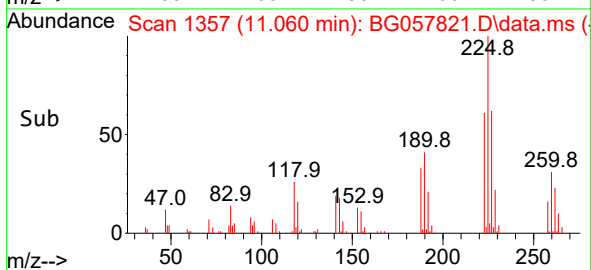
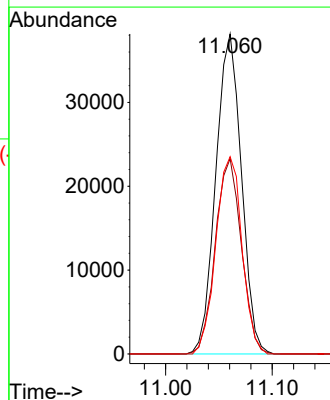
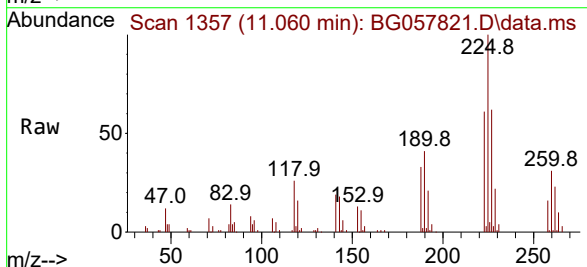
Instrument :
BNA_G
ClientSampleId :
WC-19MS

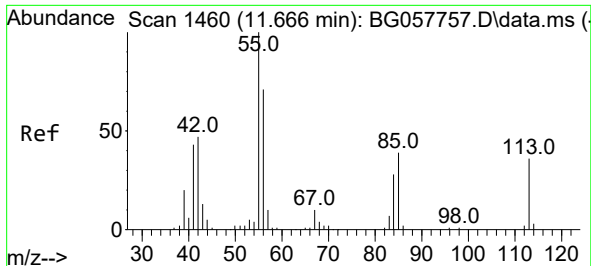
Tgt Ion:127	Resp: 60434
Ion Ratio	Lower Upper
127 100	
129 32.3	26.6 40.0
65 34.0	29.8 44.8
92 19.1	16.7 25.1



#34
Hexachlorobutadiene
Concen: 40.091 ng
RT: 11.060 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:225	Resp: 63673
Ion Ratio	Lower Upper
225 100	
223 61.0	51.4 77.0
227 61.6	49.7 74.5

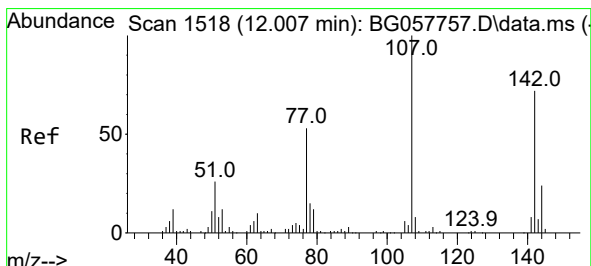
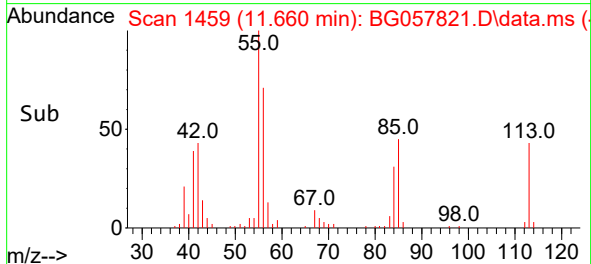
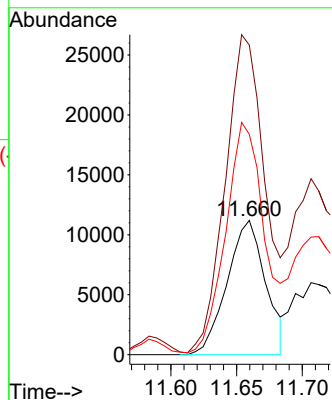
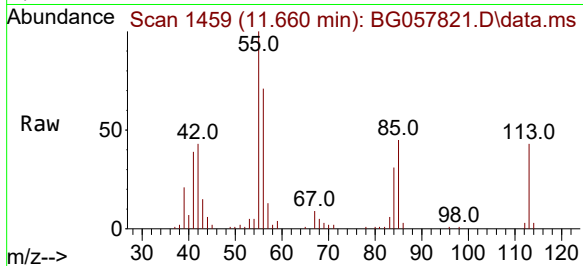




#35
 Caprolactam
 Concen: 24.072 ng
 RT: 11.660 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

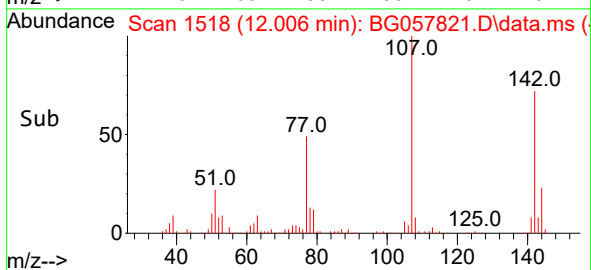
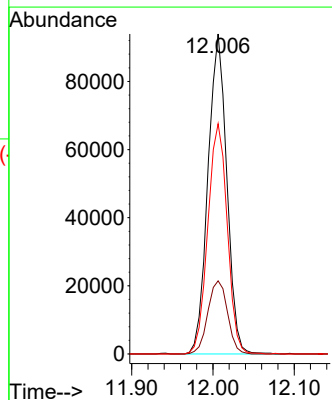
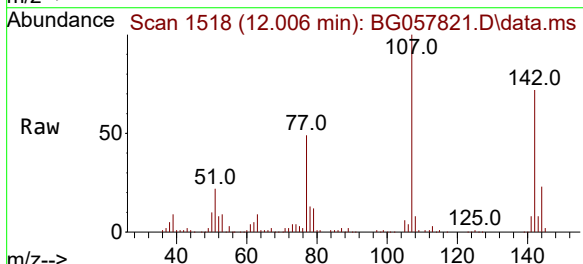
Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

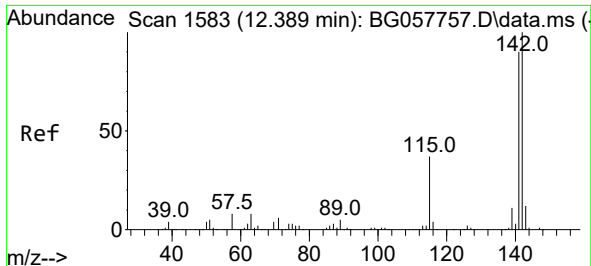
Tgt Ion:113 Resp: 22813
 Ion Ratio Lower Upper
 113 100
 55 230.6 255.7 295.7#
 56 164.2 175.2 215.2#



#36
 4-Chloro-3-methylphenol
 Concen: 49.492 ng
 RT: 12.006 min Scan# 1518
 Delta R.T. -0.000 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

Tgt Ion:107 Resp: 150956
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.5 29.3
 142 71.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.210 ng

RT: 12.382 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

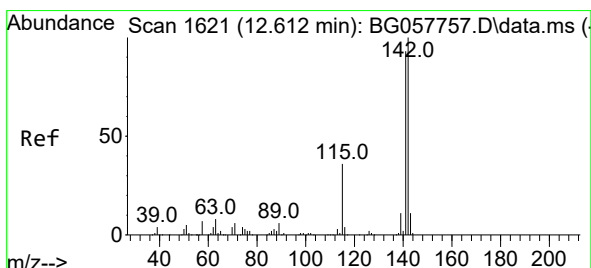
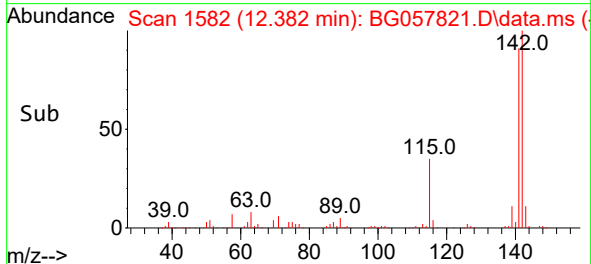
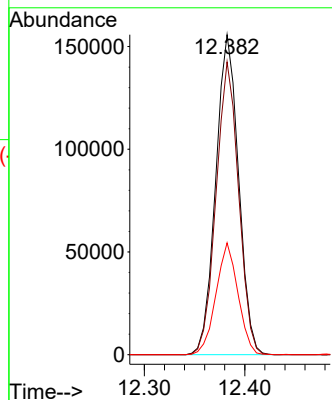
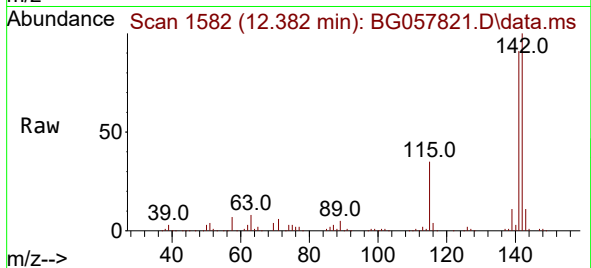
Tgt Ion:142 Resp: 246160

Ion Ratio Lower Upper

142 100

141 91.5 72.1 108.1

115 35.0 29.7 44.5



#38

1-Methylnaphthalene

Concen: 41.906 ng

RT: 12.600 min Scan# 1619

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

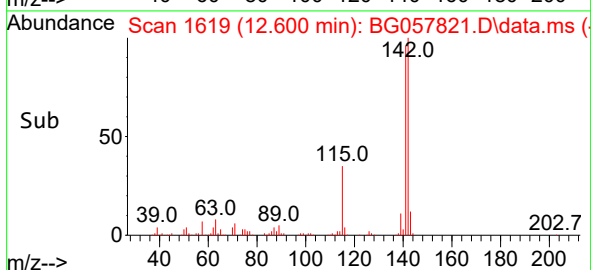
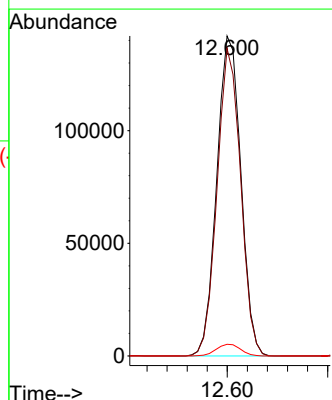
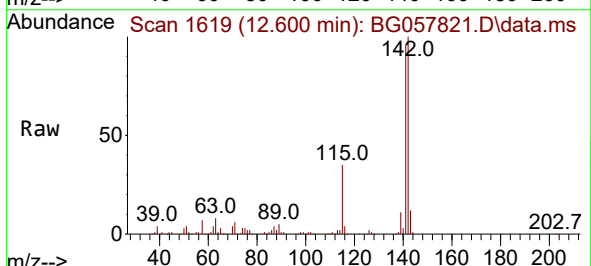
Tgt Ion:142 Resp: 236295

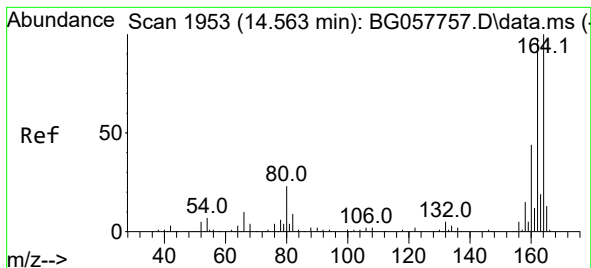
Ion Ratio Lower Upper

142 100

141 96.1 74.2 111.4

116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

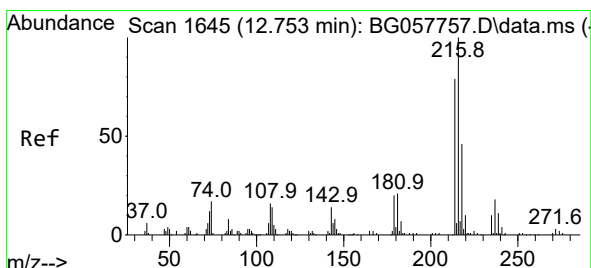
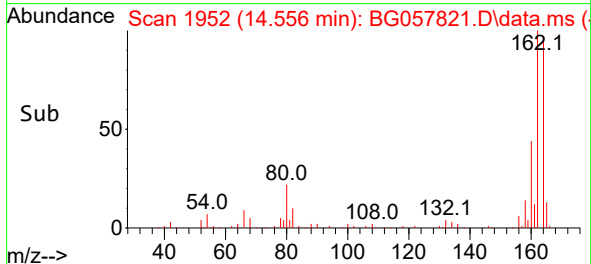
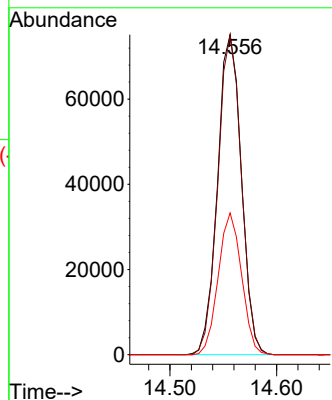
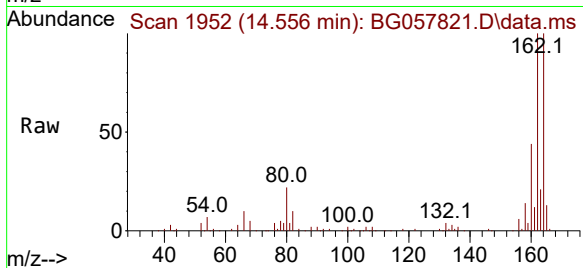
Tgt Ion:164 Resp: 116572

Ion Ratio Lower Upper

164 100

162 99.9 78.3 117.5

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.085 ng

RT: 12.753 min Scan# 1645

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion:216 Resp: 132774

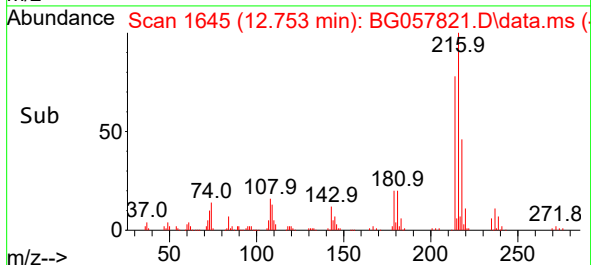
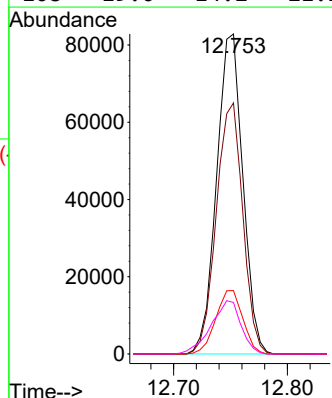
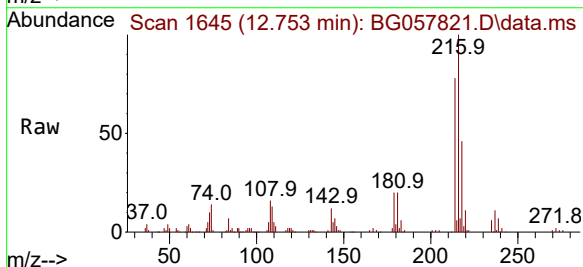
Ion Ratio Lower Upper

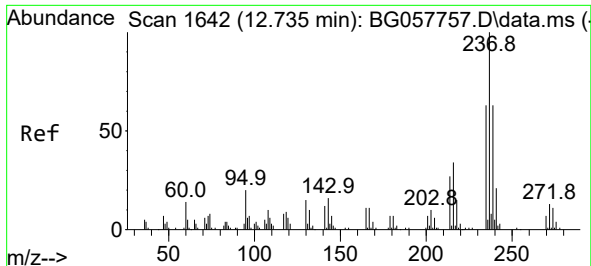
216 100

214 79.2 63.0 94.4

179 20.4 16.2 24.2

108 19.0 14.2 21.2

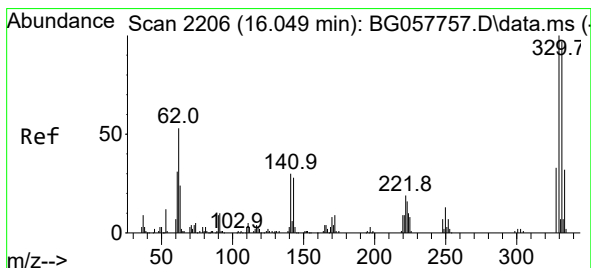
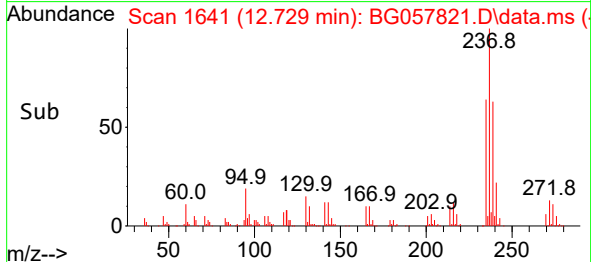
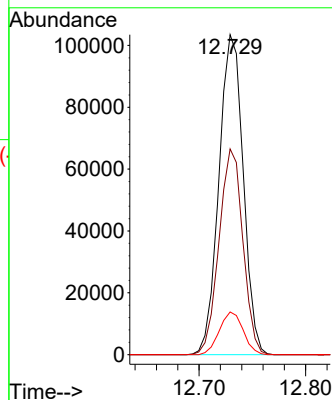
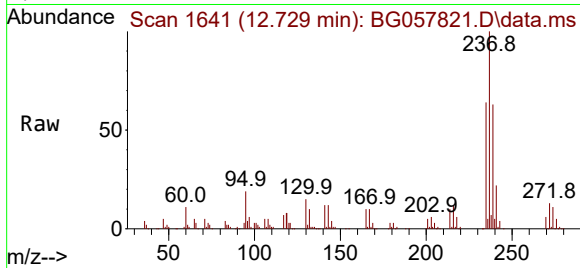




#41
Hexachlorocyclopentadiene
Concen: 95.311 ng
RT: 12.729 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

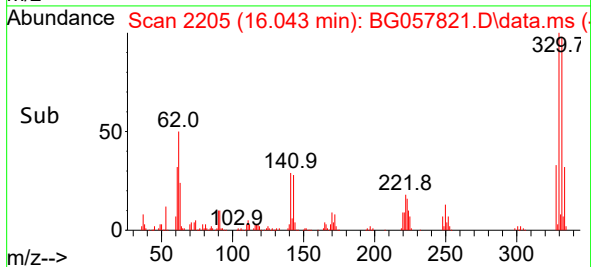
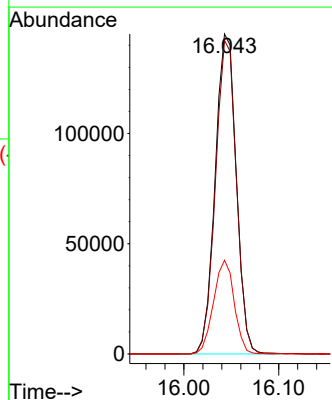
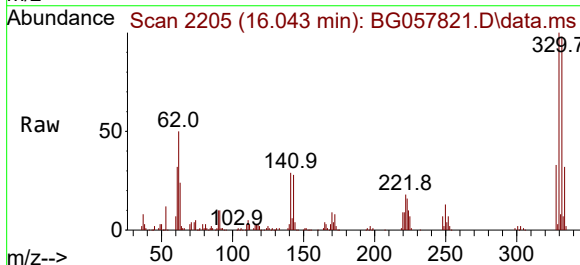
Instrument :
BNA_G
ClientSampleId :
WC-19MS

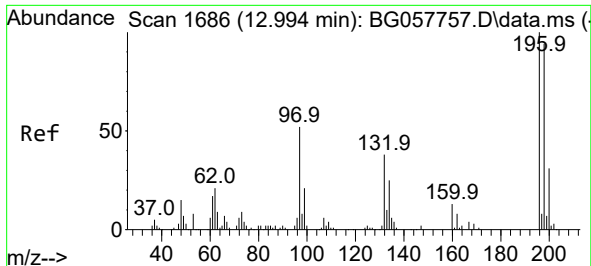
Tgt Ion:237 Resp: 163527
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 138.241 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:330 Resp: 224481
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.6 24.7 37.1

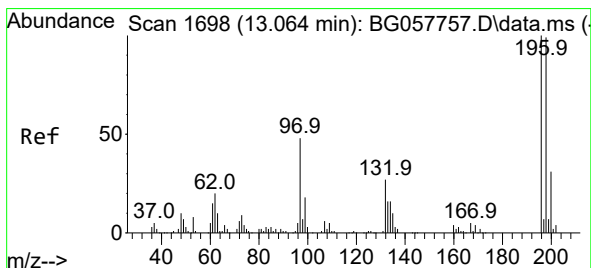
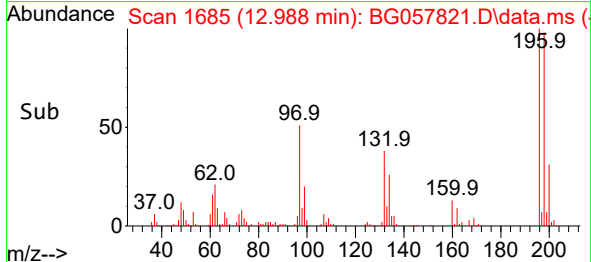
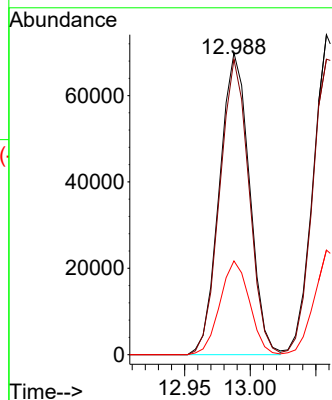
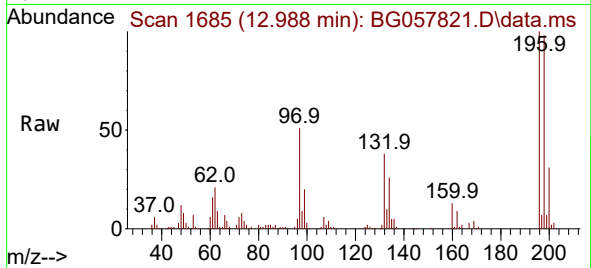




#43
2,4,6-Trichlorophenol
Concen: 48.007 ng
RT: 12.988 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

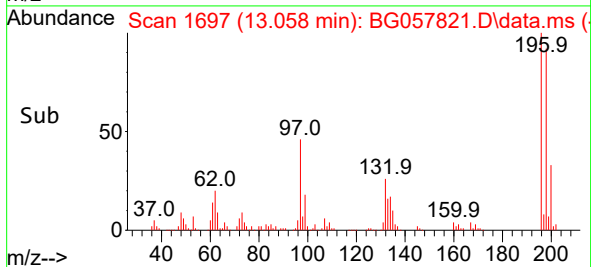
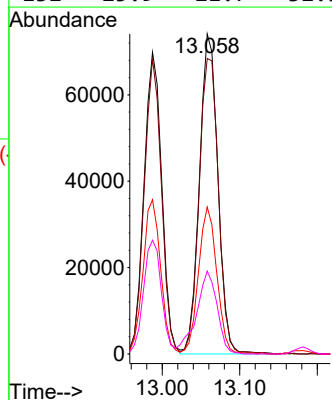
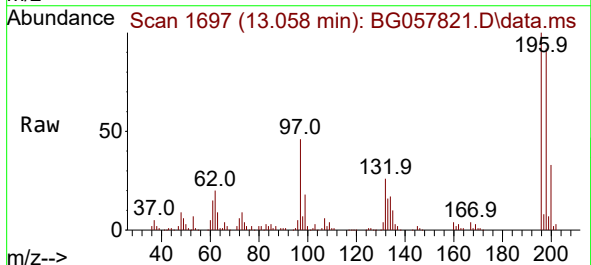
Instrument :
BNA_G
ClientSampleId :
WC-19MS

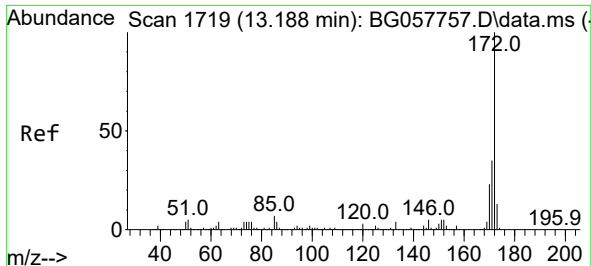
Tgt Ion:196 Resp: 111087
Ion Ratio Lower Upper
196 100
198 97.9 75.5 113.3
200 31.1 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 45.530 ng
RT: 13.058 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:196 Resp: 122807
Ion Ratio Lower Upper
196 100
198 92.4 78.9 118.3
97 45.9 38.3 57.5
132 25.9 21.7 32.5

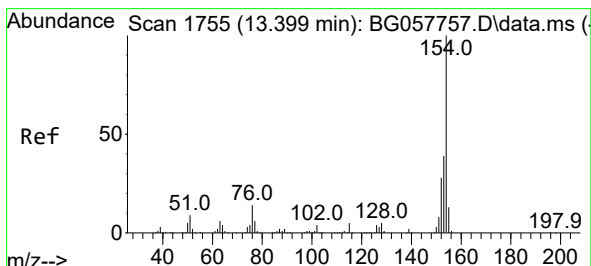
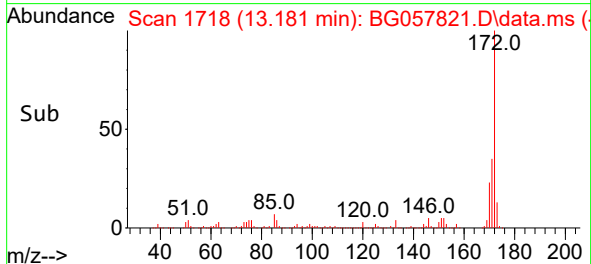
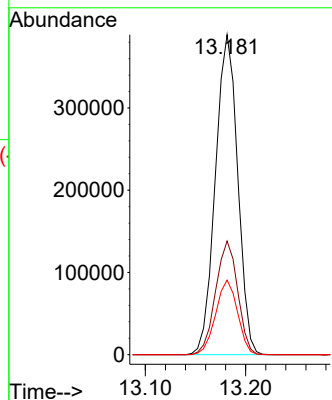
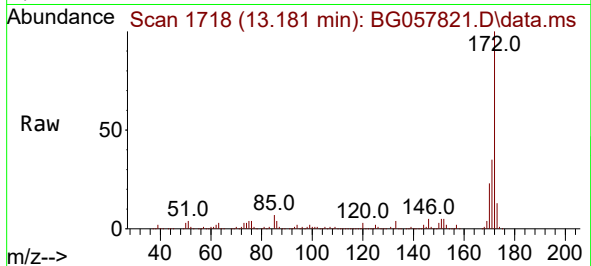




#45
2-Fluorobiphenyl
Concen: 78.111 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

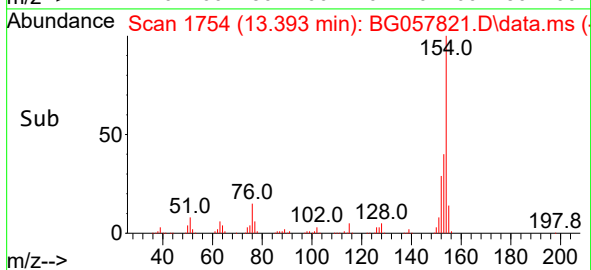
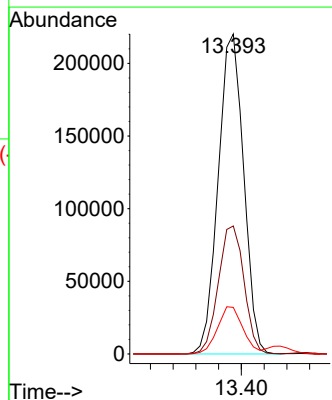
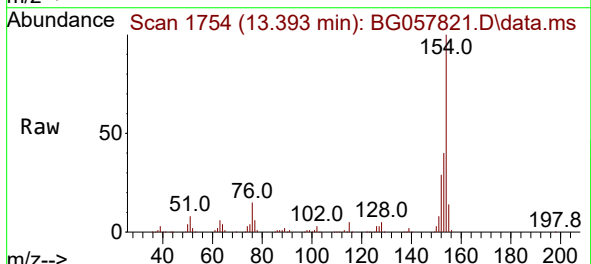
Instrument :
BNA_G
ClientSampleId :
WC-19MS

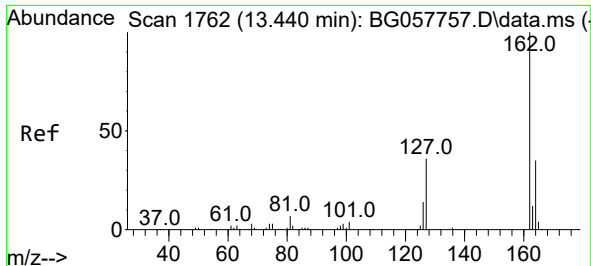
Tgt Ion:172 Resp: 600336
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 42.767 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:154 Resp: 342314
Ion Ratio Lower Upper
154 100
153 40.0 19.1 59.1
76 14.6 0.0 34.3

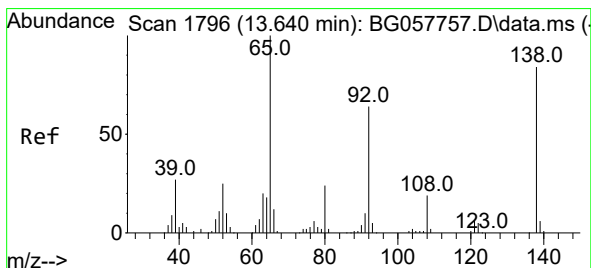
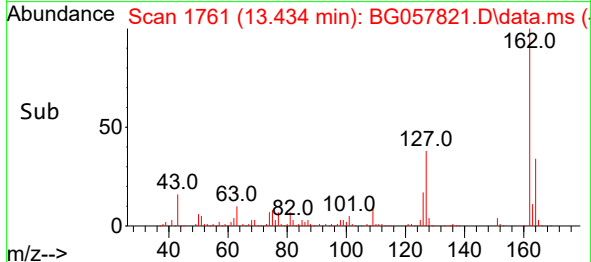
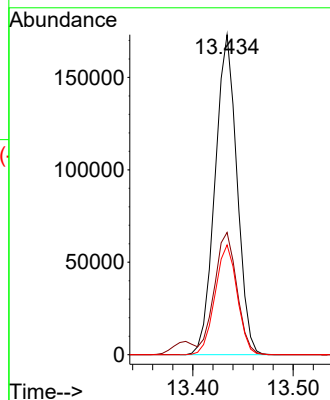
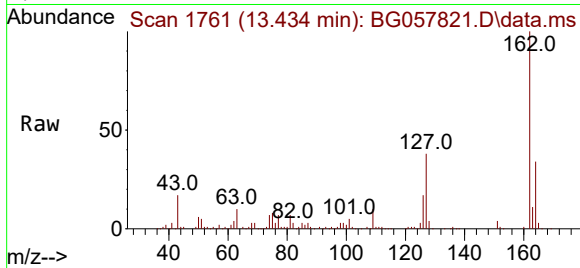




#47
2-Chloronaphthalene
Concen: 42.655 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

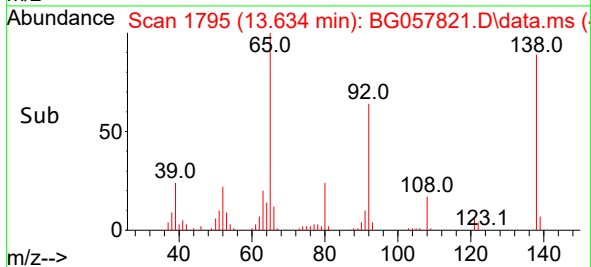
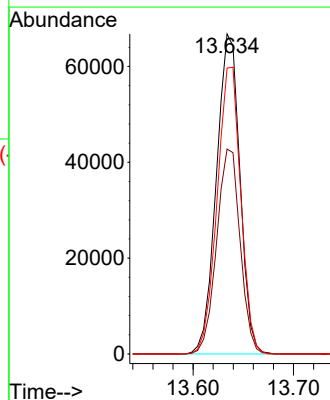
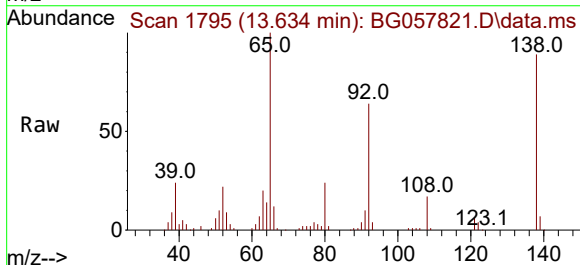
Instrument :
BNA_G
ClientSampleId :
WC-19MS

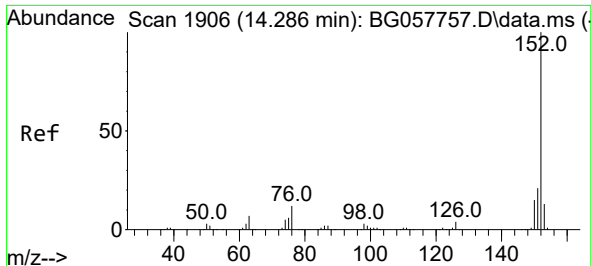
Tgt Ion:162 Resp: 262297
Ion Ratio Lower Upper
162 100
127 38.2 32.2 48.2
164 34.3 28.0 42.0



#48
2-Nitroaniline
Concen: 49.713 ng
RT: 13.634 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 65 Resp: 108635
Ion Ratio Lower Upper
65 100
92 64.0 51.2 76.8
138 89.4 67.2 100.8

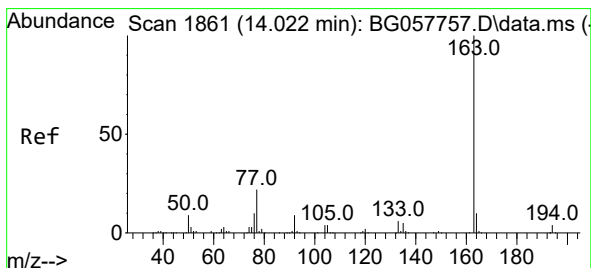
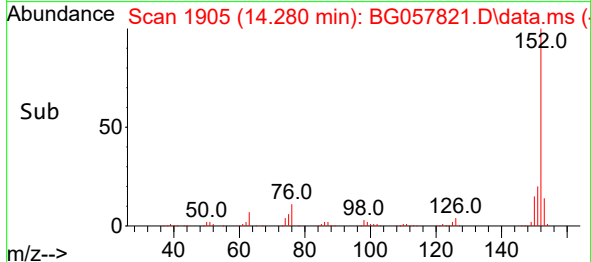
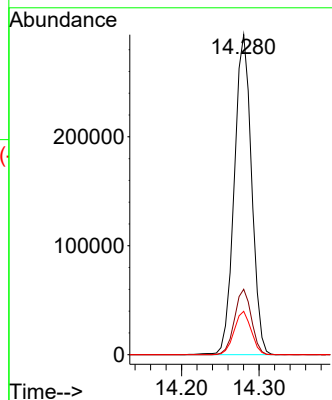
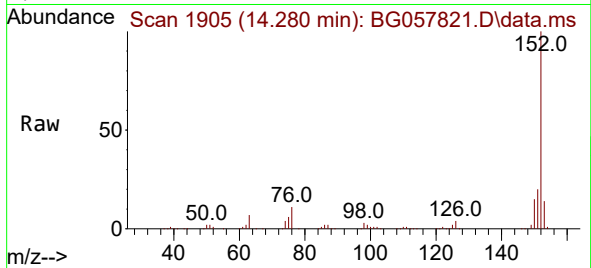




#49
Acenaphthylene
Concen: 43.107 ng
RT: 14.280 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

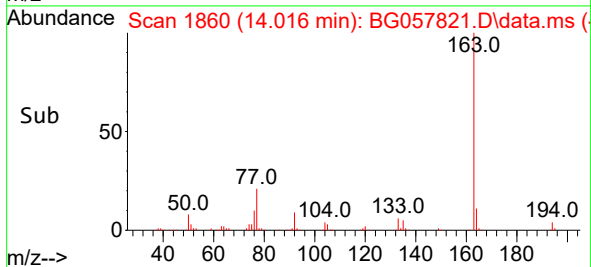
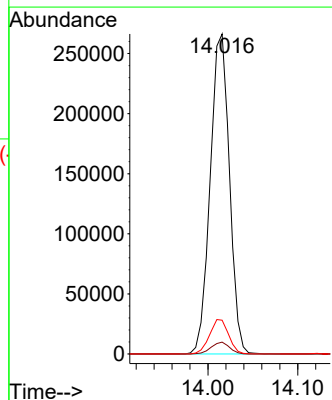
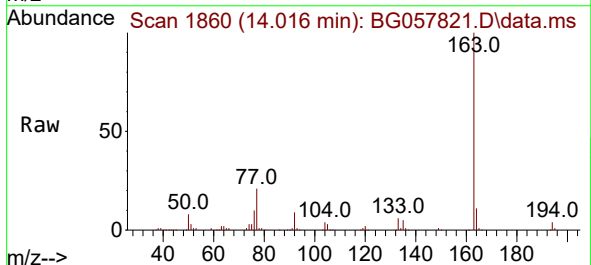
Instrument :
BNA_G
ClientSampleId :
WC-19MS

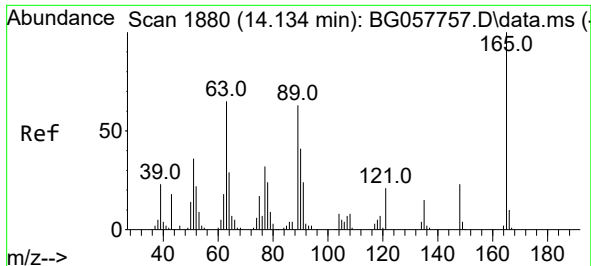
Tgt Ion:152 Resp: 454980
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.4
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 44.198 ng
RT: 14.016 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:163 Resp: 395719
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.5 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 52.279 ng

RT: 14.127 min Scan# 1880

Delta R.T. -0.007 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

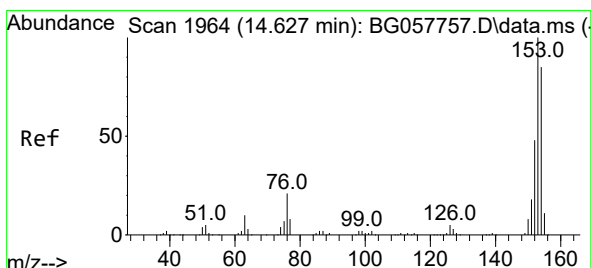
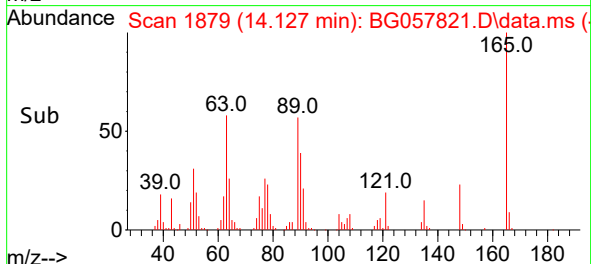
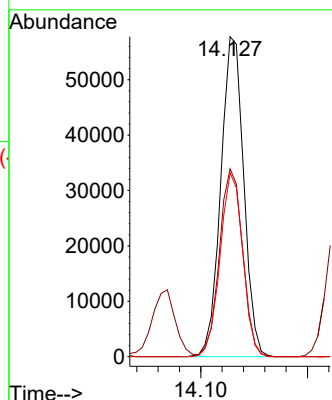
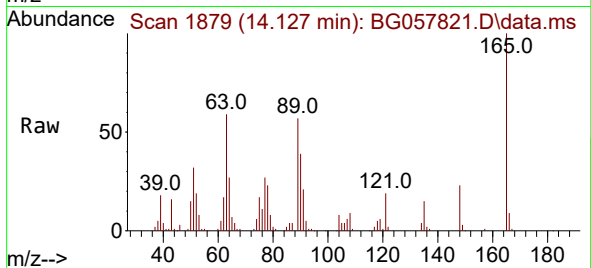
Tgt Ion:165 Resp: 86194

Ion Ratio Lower Upper

165 100

63 58.7 52.8 79.2

89 57.4 50.7 76.1



#52

Acenaphthene

Concen: 40.204 ng

RT: 14.621 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

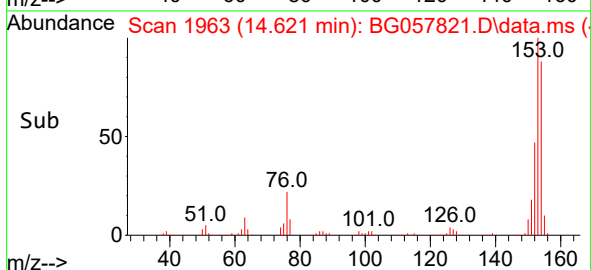
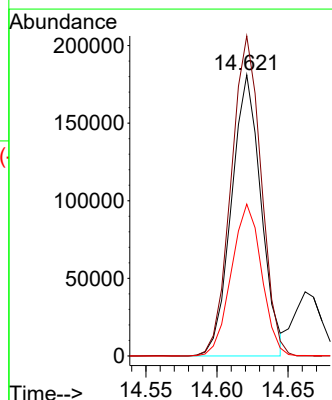
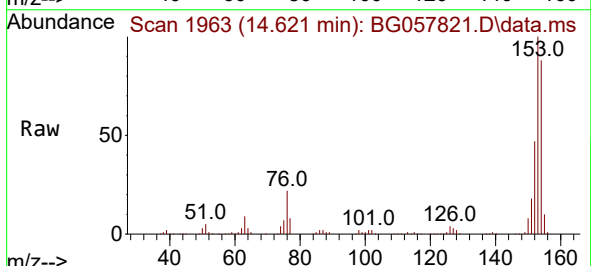
Tgt Ion:154 Resp: 262698

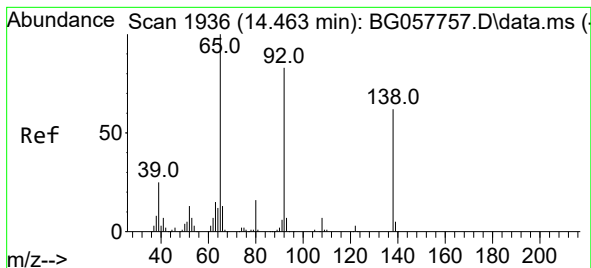
Ion Ratio Lower Upper

154 100

153 113.8 93.6 140.4

152 54.0 44.7 67.1

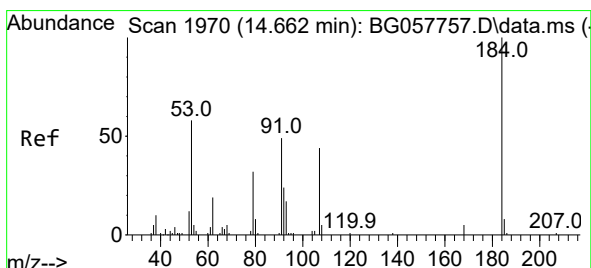
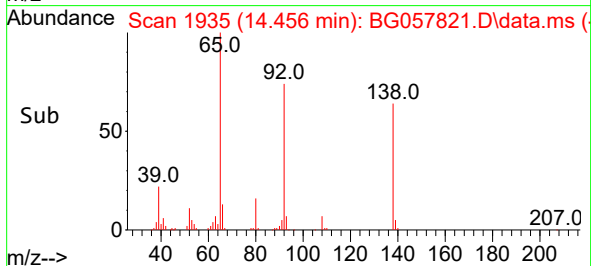
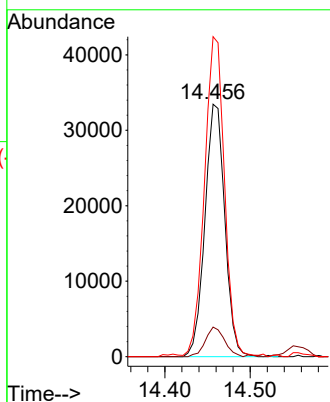
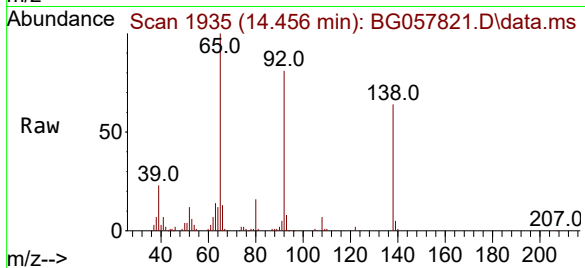




#53
3-Nitroaniline
Concen: 29.267 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

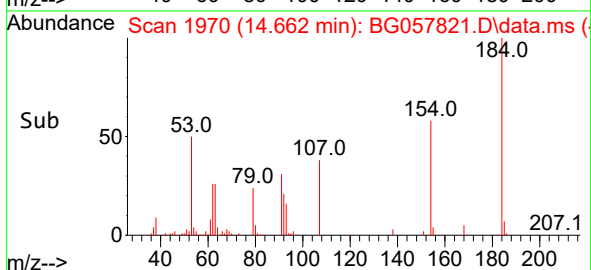
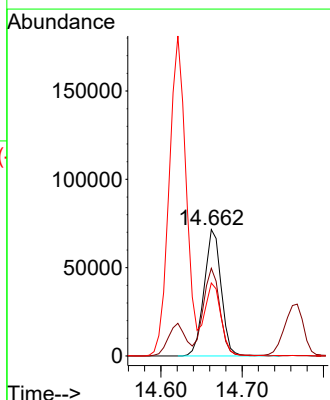
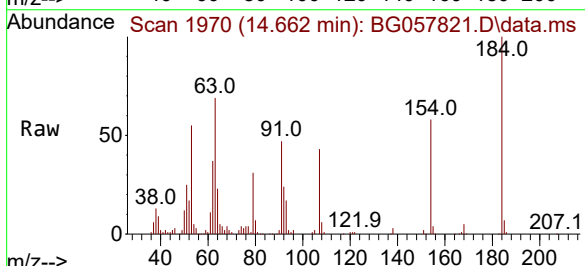
Instrument :
BNA_G
ClientSampleId :
WC-19MS

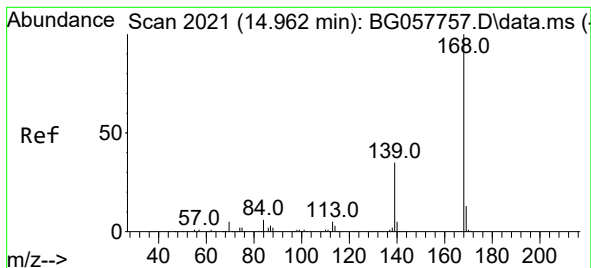
Tgt Ion:138 Resp: 54380
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 126.8 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 116.101 ng
RT: 14.662 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:184 Resp: 104162
Ion Ratio Lower Upper
184 100
63 69.3 55.2 82.8
154 57.7 47.4 71.0





#55

Dibenzofuran

Concen: 43.019 ng

RT: 14.956 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

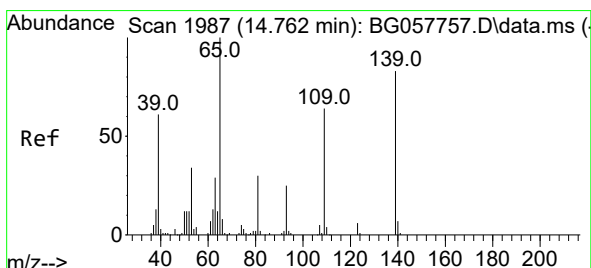
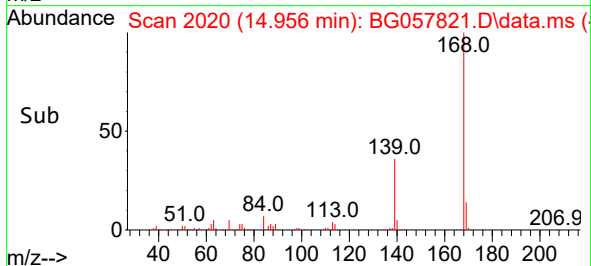
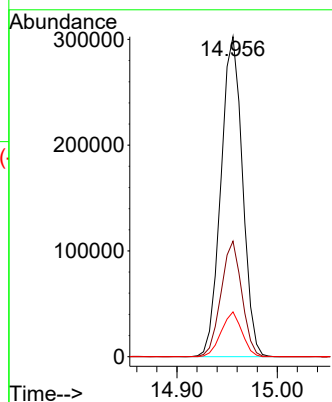
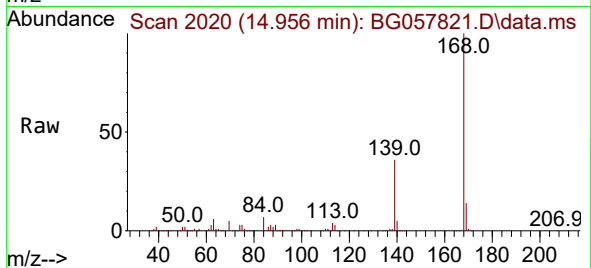
Tgt Ion:168 Resp: 451974

Ion Ratio Lower Upper

168 100

139 36.1 28.1 42.1

169 14.0 10.7 16.1



#56

4-Nitrophenol

Concen: 102.346 ng

RT: 14.768 min Scan# 1988

Delta R.T. 0.005 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

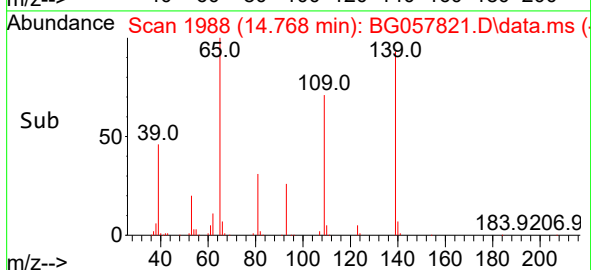
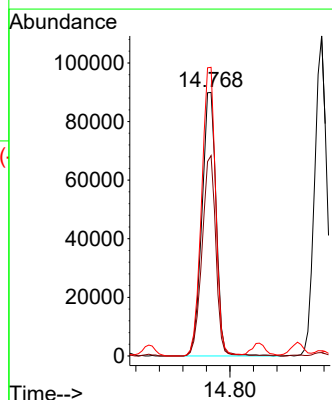
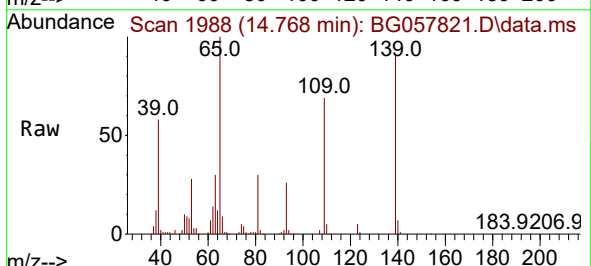
Tgt Ion:139 Resp: 151127

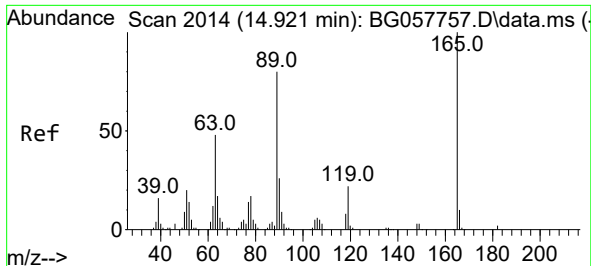
Ion Ratio Lower Upper

139 100

109 76.0 57.3 97.3

65 109.5 100.0 140.0





#57

2,4-Dinitrotoluene

Concen: 55.529 ng

RT: 14.915 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion:165 Resp: 124154

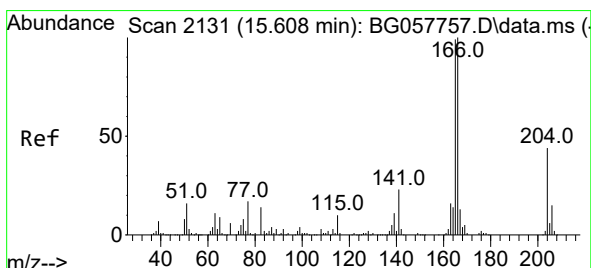
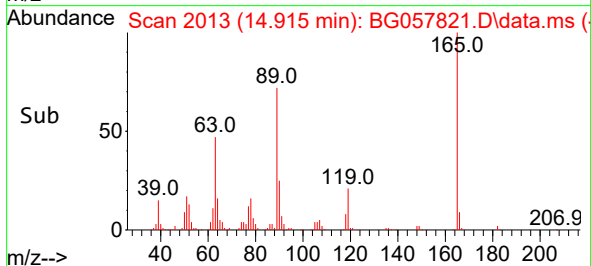
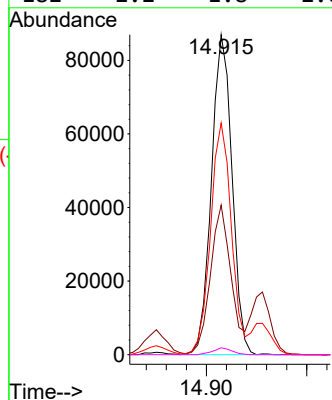
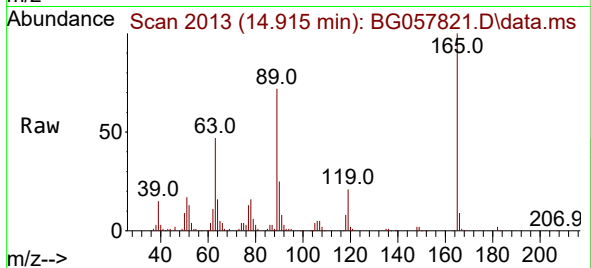
Ion Ratio Lower Upper

165 100

63 46.8 38.6 58.0

89 72.4 63.7 95.5

182 2.2 1.8 2.6



#58

Fluorene

Concen: 44.177 ng

RT: 15.602 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

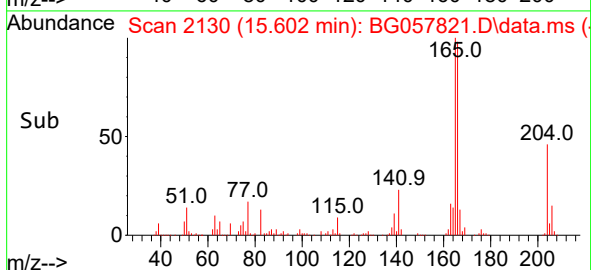
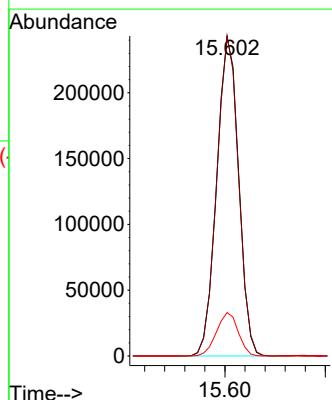
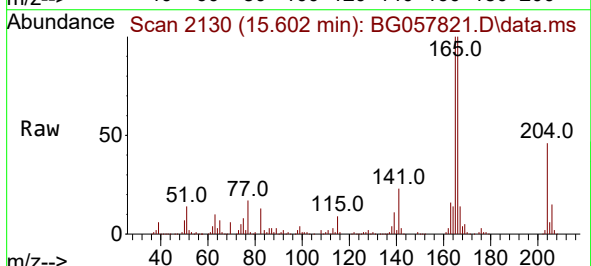
Tgt Ion:166 Resp: 367403

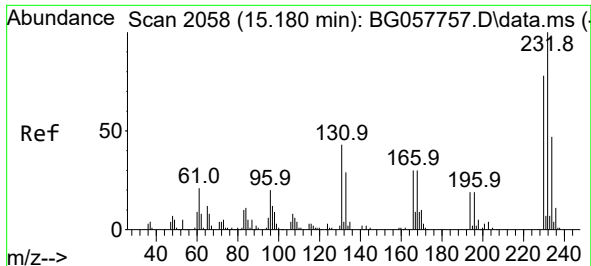
Ion Ratio Lower Upper

166 100

165 100.3 79.5 119.3

167 13.6 10.6 16.0

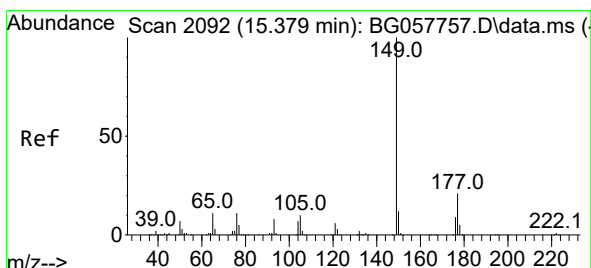
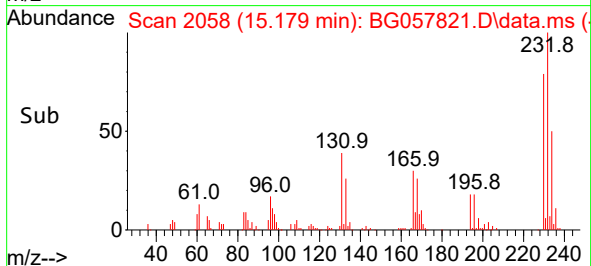
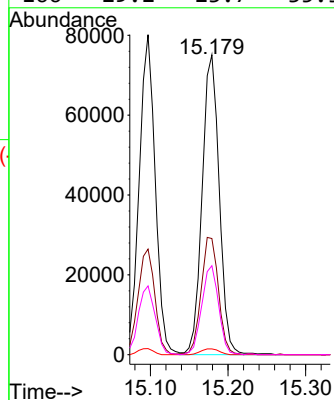
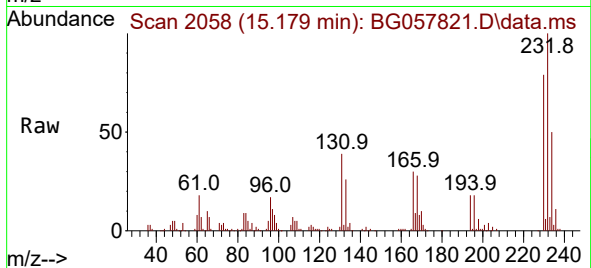




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.099 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

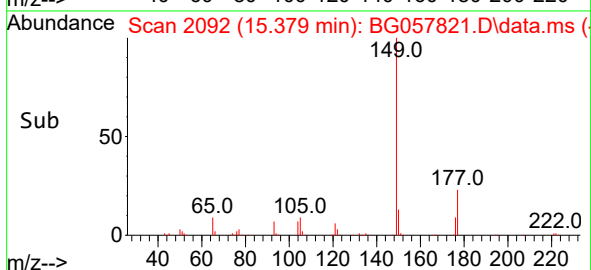
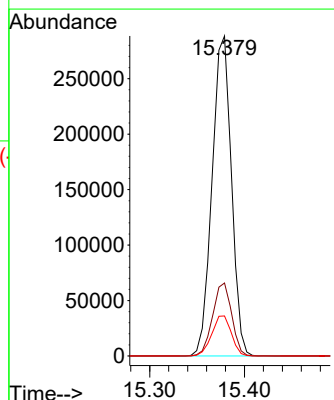
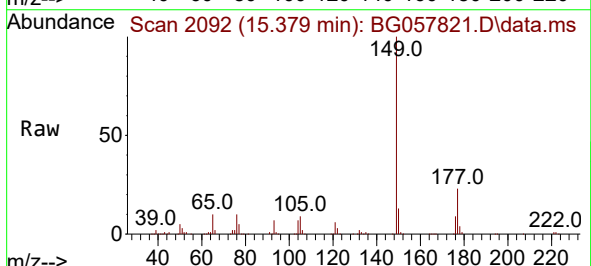
Instrument :
BNA_G
ClientSampleId :
WC-19MS

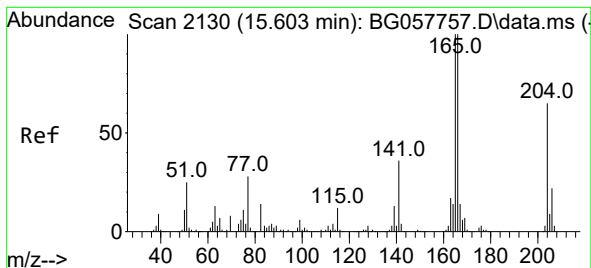
Tgt Ion:232 Resp: 115163
Ion Ratio Lower Upper
232 100
131 39.6 31.9 47.9
130 2.1 1.6 2.4
166 29.2 23.7 35.5



#60
Diethylphthalate
Concen: 44.440 ng
RT: 15.379 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:149 Resp: 408201
Ion Ratio Lower Upper
149 100
177 22.8 17.0 25.6
150 12.5 10.0 15.0

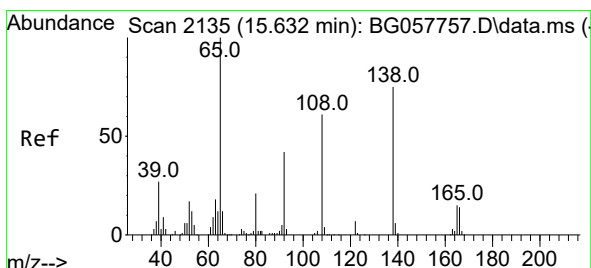
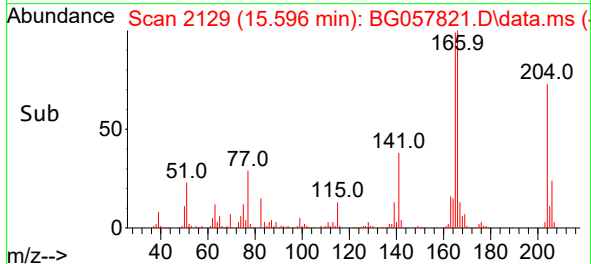
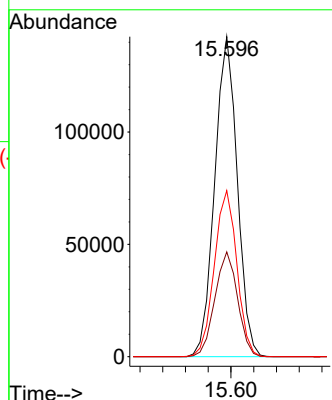
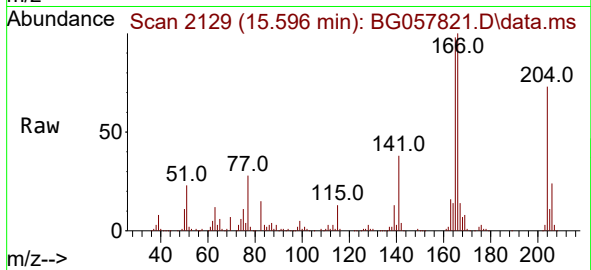




#61
4-Chlorophenyl-phenylether
Concen: 44.263 ng
RT: 15.596 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

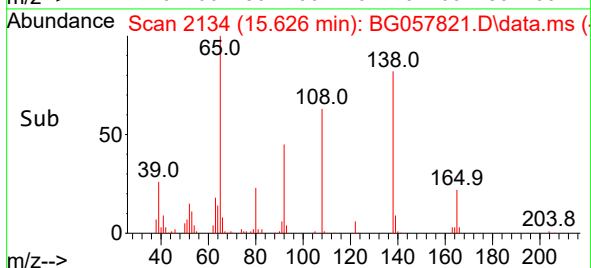
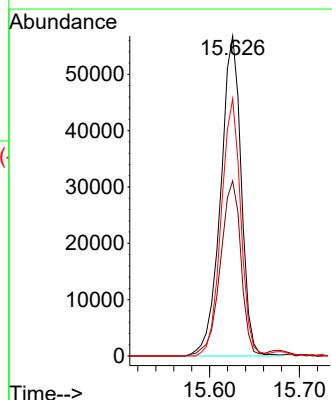
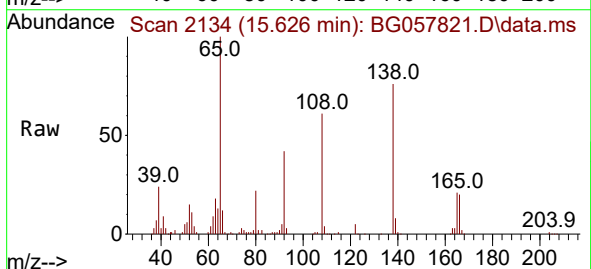
Instrument :
BNA_G
ClientSampleId :
WC-19MS

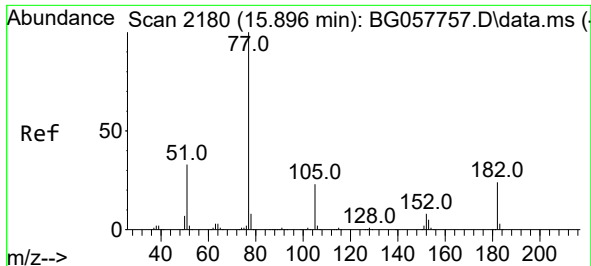
Tgt Ion:204 Resp: 195736
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 51.9 44.3 66.5



#62
4-Nitroaniline
Concen: 47.596 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:138 Resp: 90157
Ion Ratio Lower Upper
138 100
92 54.7 35.9 75.9
108 80.3 62.1 102.1

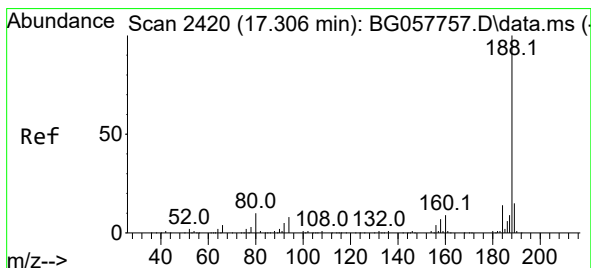
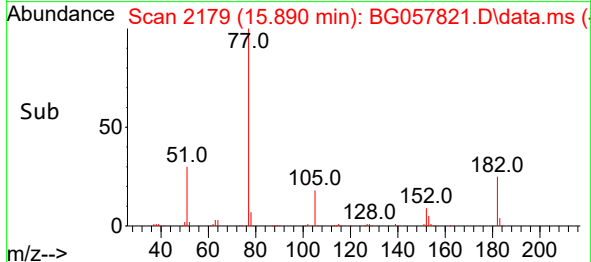
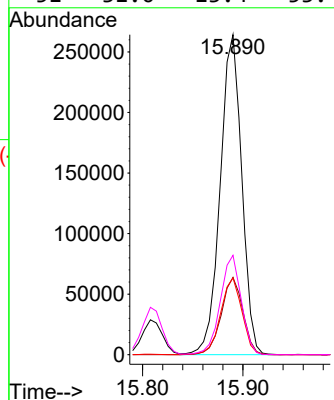
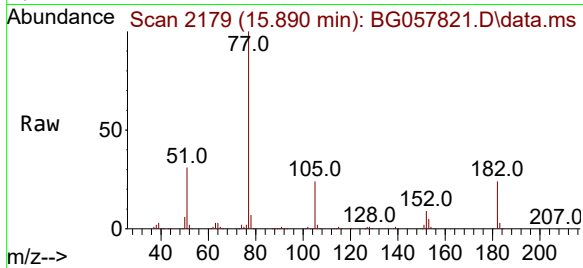




#63
 Azobenzene
 Concen: 41.898 ng
 RT: 15.890 min Scan# 2180
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

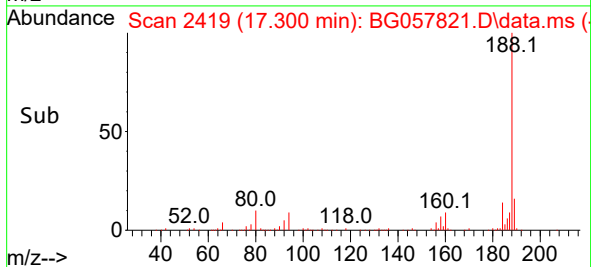
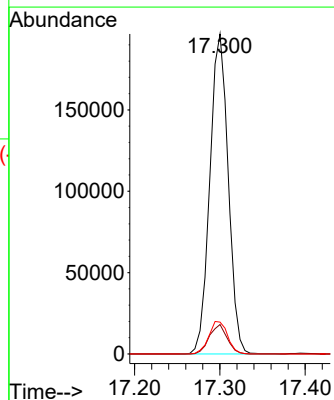
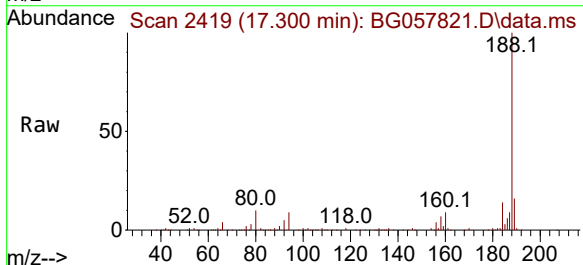
Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

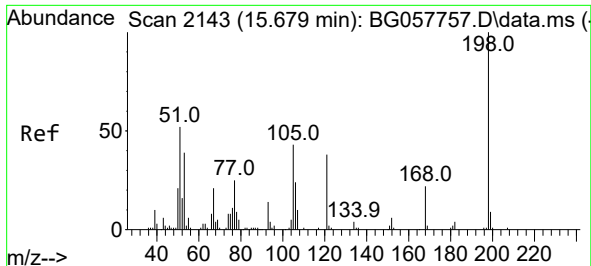
Tgt Ion:	77	Resp:	393669
Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.1	44.1
105	24.0	3.3	43.3
51	31.0	13.4	53.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.300 min Scan# 2419
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

Tgt Ion:	188	Resp:	294768
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	9.8
80	9.9	7.6	11.4

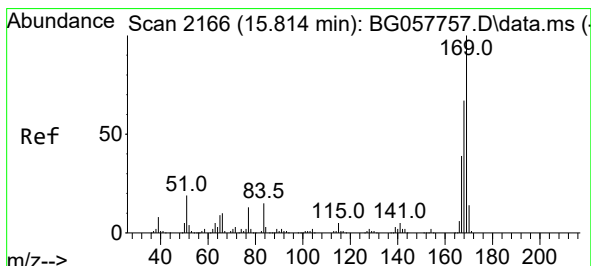
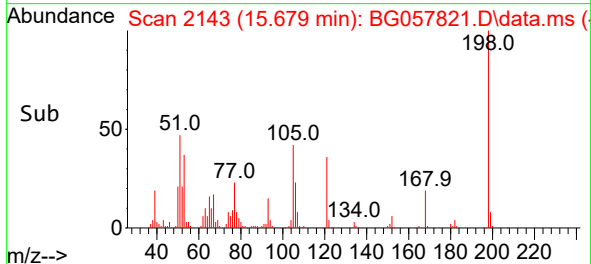
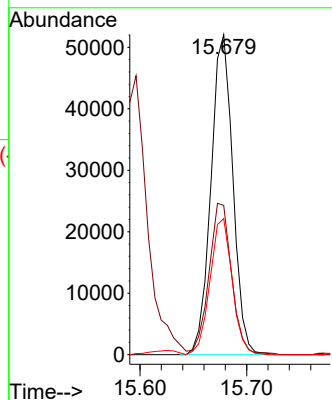
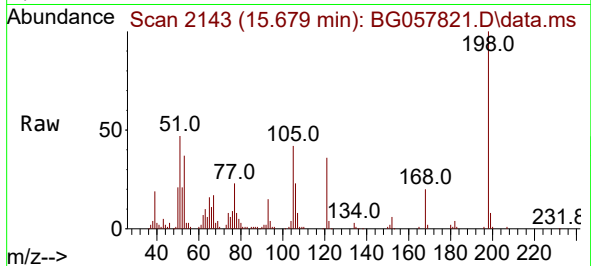




#65
4,6-Dinitro-2-methylphenol
Concen: 54.043 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.001 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

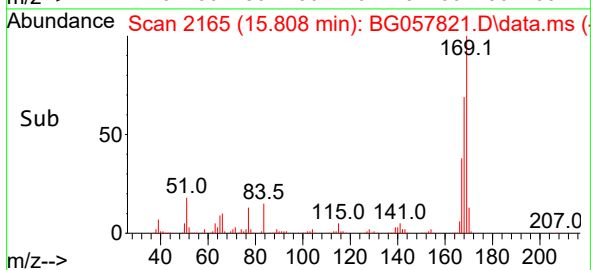
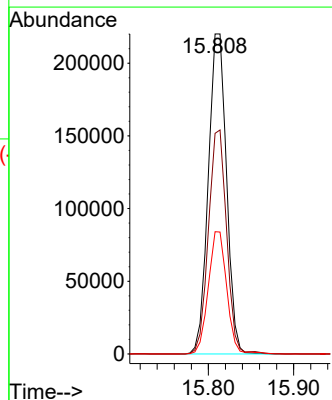
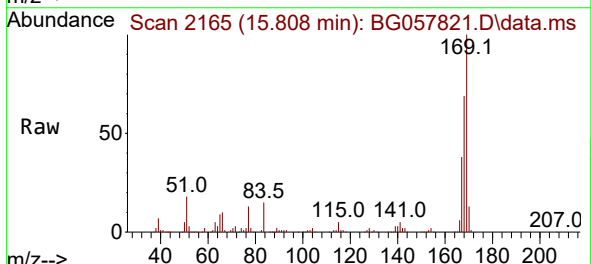
Instrument :
BNA_G
ClientSampleId :
WC-19MS

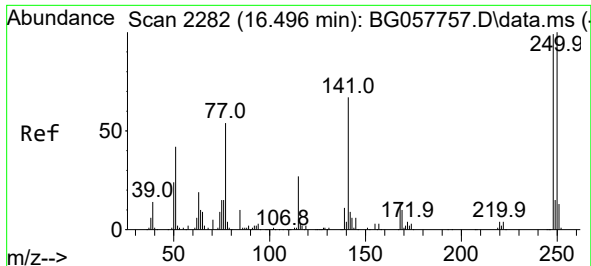
Tgt Ion:198 Resp: 74199
Ion Ratio Lower Upper
198 100
51 46.7 36.6 76.6
105 42.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 42.101 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:169 Resp: 327539
Ion Ratio Lower Upper
169 100
168 68.9 53.4 80.2
167 38.2 31.2 46.8

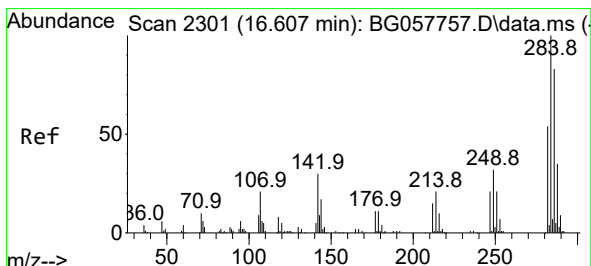
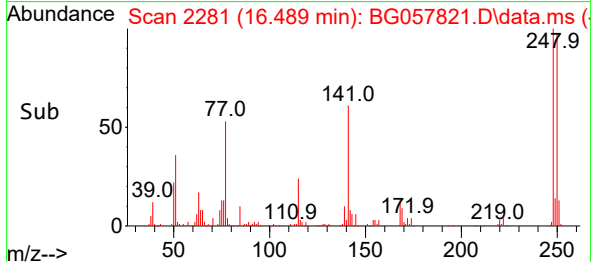
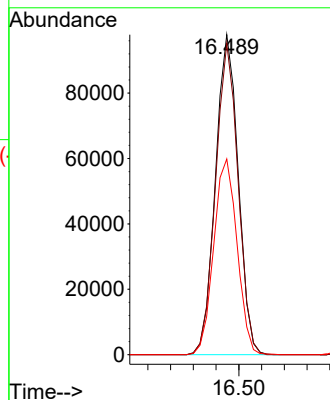
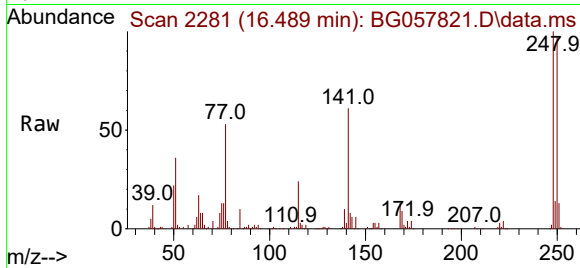




#67
4-Bromophenyl-phenylether
Concen: 43.471 ng
RT: 16.489 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

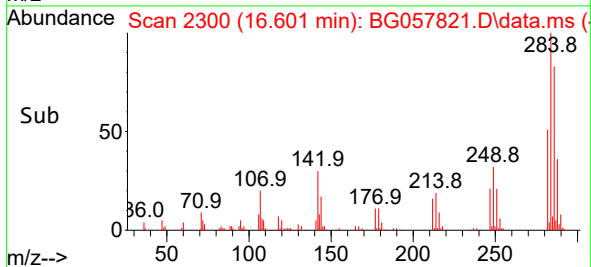
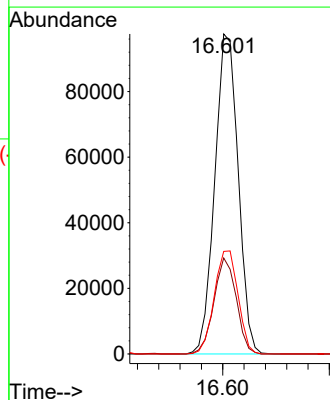
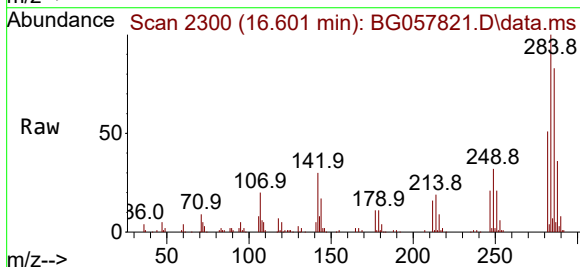
Instrument :
BNA_G
ClientSampleId :
WC-19MS

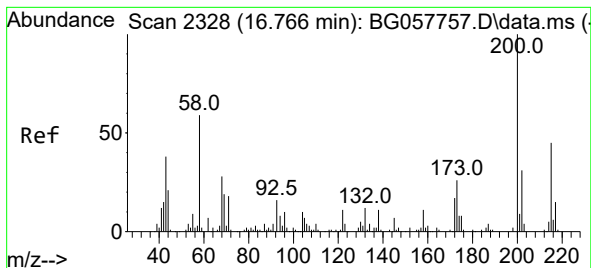
Tgt Ion:248 Resp: 135895
Ion Ratio Lower Upper
248 100
250 97.2 81.1 121.7
141 61.1 54.6 81.8



#68
Hexachlorobenzene
Concen: 46.526 ng
RT: 16.601 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:284 Resp: 148272
Ion Ratio Lower Upper
284 100
142 30.0 24.2 36.4
249 32.0 25.9 38.9





#69

Atrazine

Concen: 40.416 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

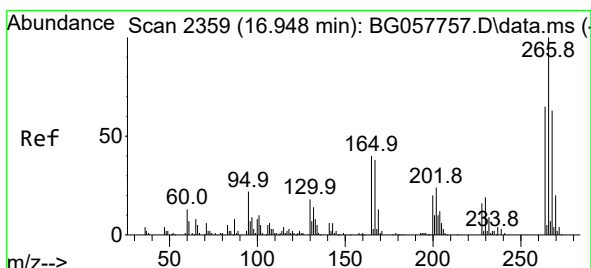
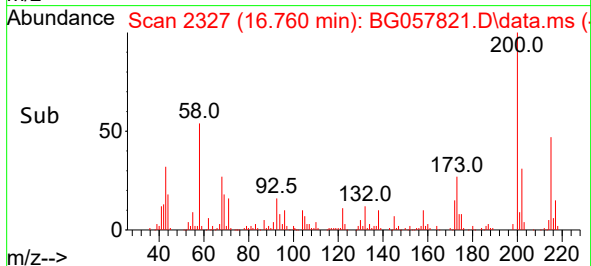
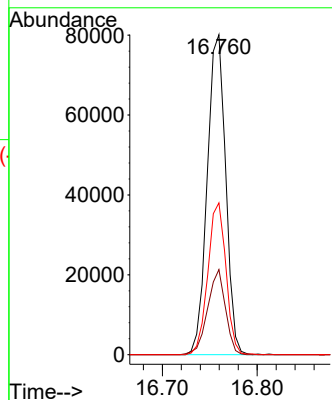
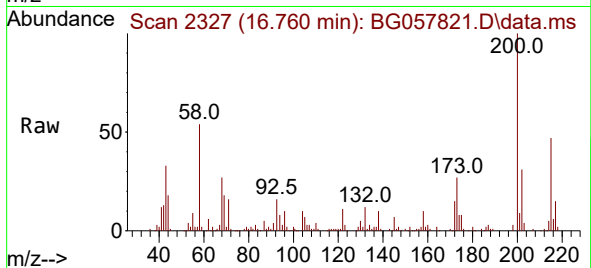
Tgt Ion:200 Resp: 107934

Ion Ratio Lower Upper

200 100

173 26.6 5.6 45.6

215 47.5 24.6 64.6



#70

Pentachlorophenol

Concen: 86.954 ng

RT: 16.948 min Scan# 2359

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

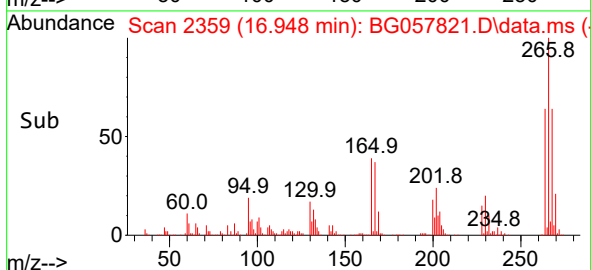
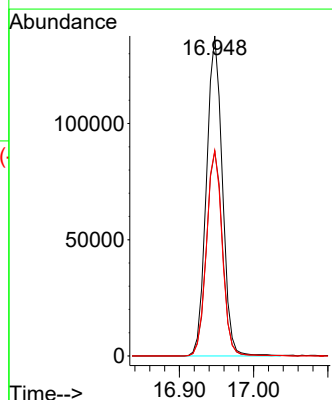
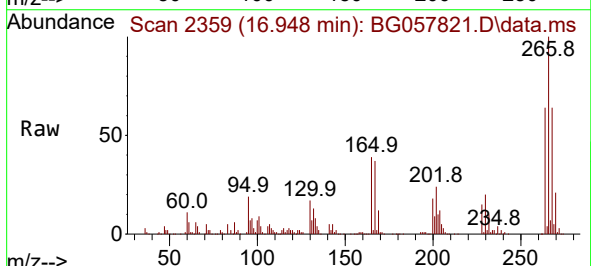
Tgt Ion:266 Resp: 204722

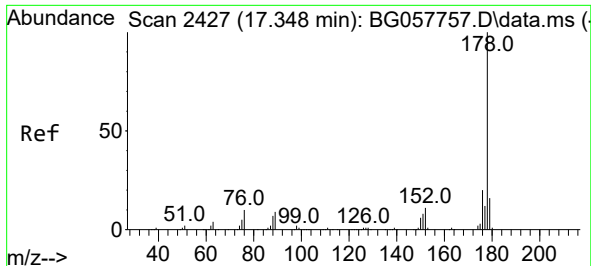
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 64.2 51.8 77.6

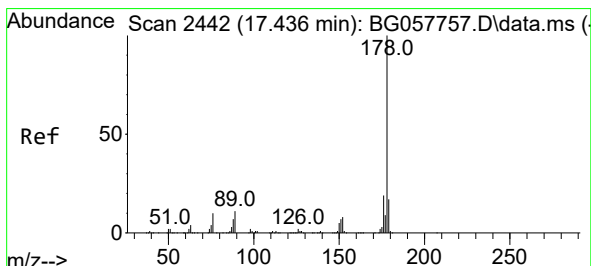
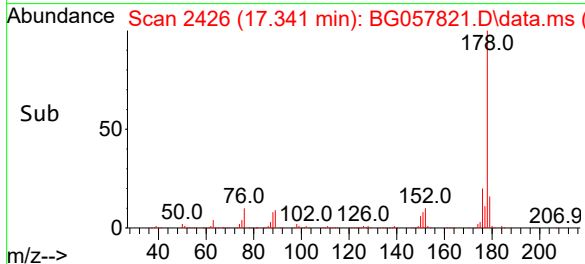
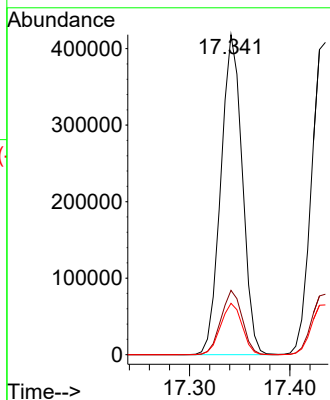
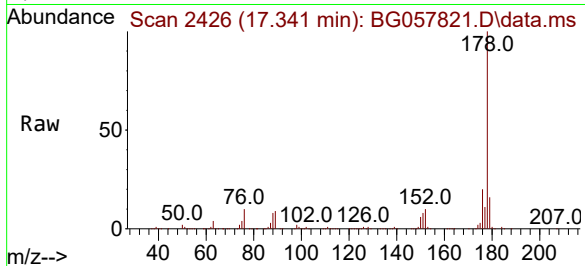




#71
Phenanthrene
Concen: 43.484 ng
RT: 17.341 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

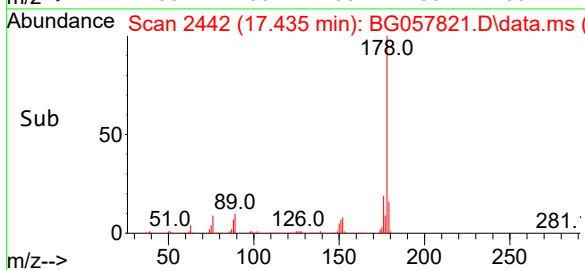
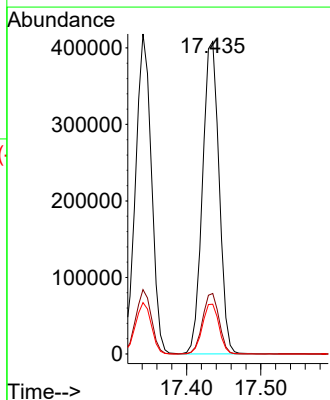
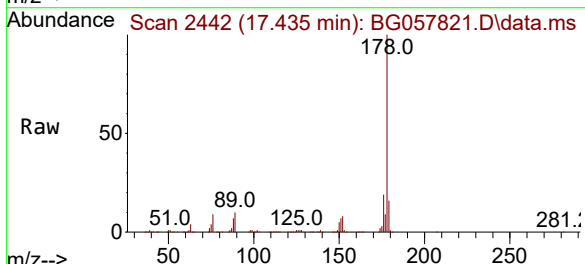
Instrument :
BNA_G
ClientSampleId :
WC-19MS

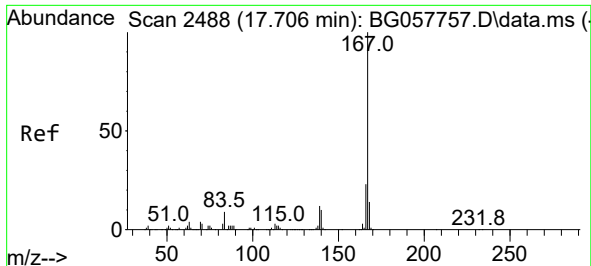
Tgt Ion:178 Resp: 620615
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.1 13.0 19.6



#72
Anthracene
Concen: 43.515 ng
RT: 17.435 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:178 Resp: 634171
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 13.3 19.9

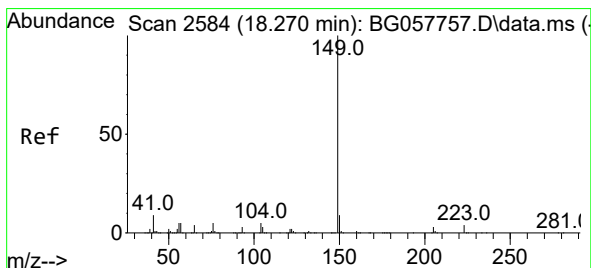
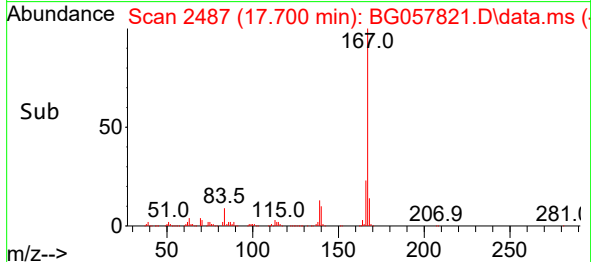
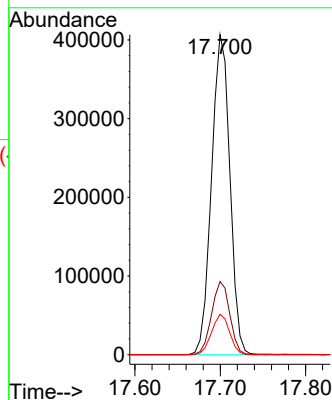
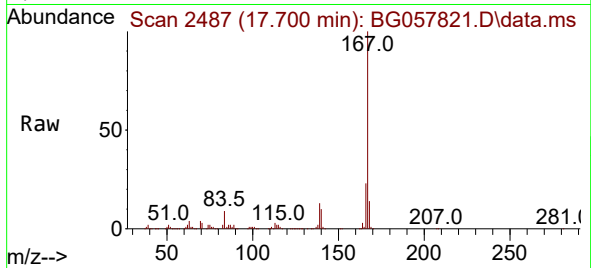




#73
 Carbazole
 Concen: 45.175 ng
 RT: 17.700 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

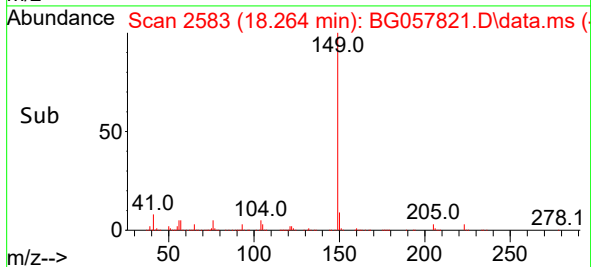
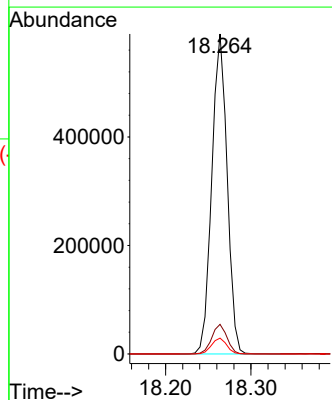
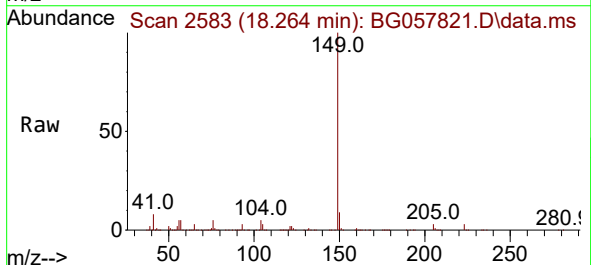
Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

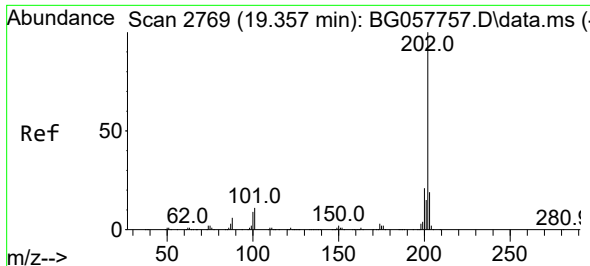
Tgt Ion:167 Resp: 607036
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.6 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 46.303 ng
 RT: 18.264 min Scan# 2583
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

Tgt Ion:149 Resp: 736717
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.1 6.1

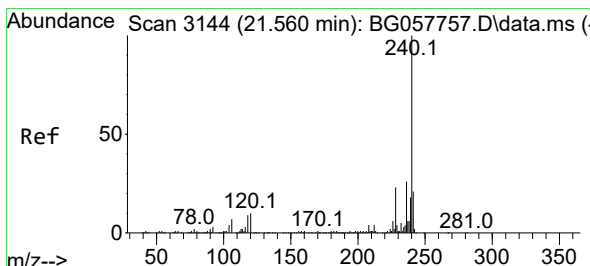
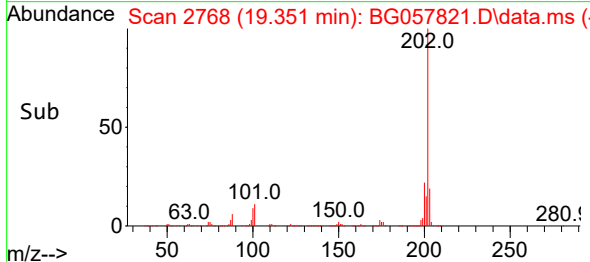
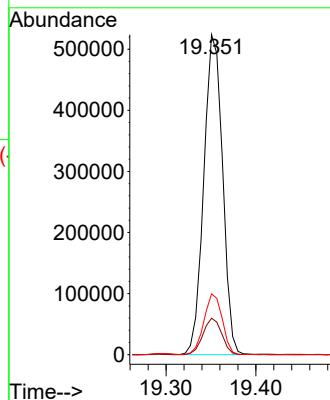
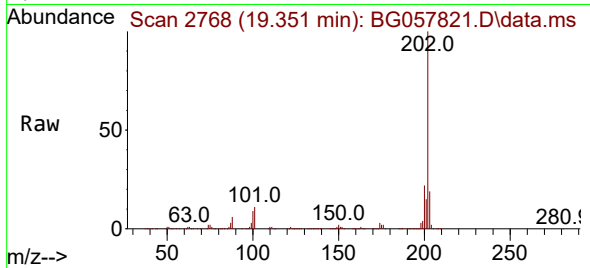




#75
Fluoranthene
Concen: 44.684 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

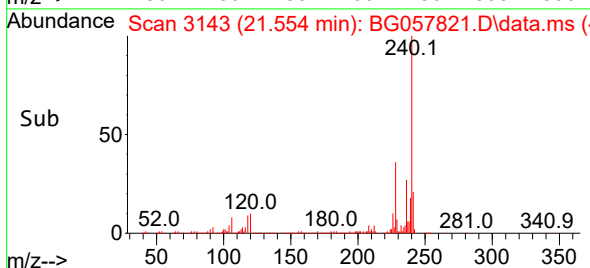
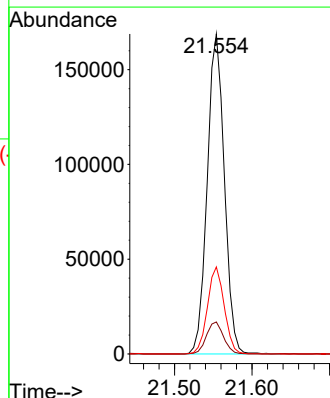
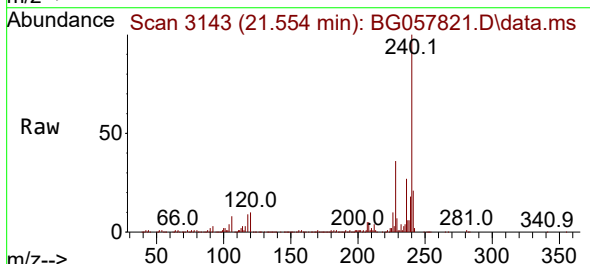
Instrument :
BNA_G
ClientSampleId :
WC-19MS

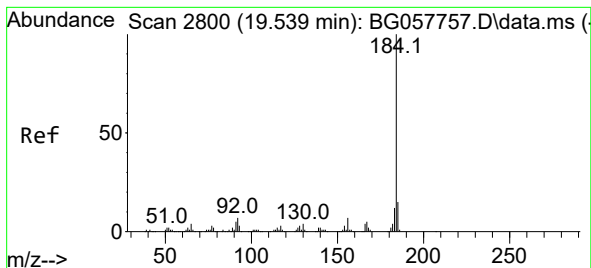
Tgt Ion:202 Resp: 759734
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 19.0 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:240 Resp: 258884
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 27.2 20.6 30.8





#77

Benzidine

Concen: 12.613 ng

RT: 19.550 min Scan# 2802

Delta R.T. 0.011 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

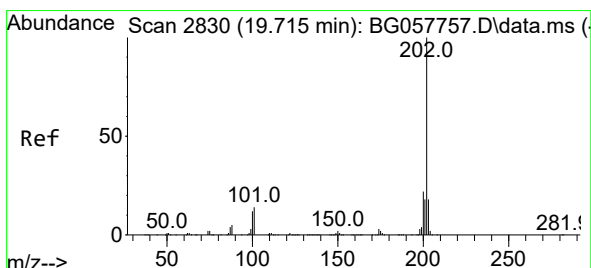
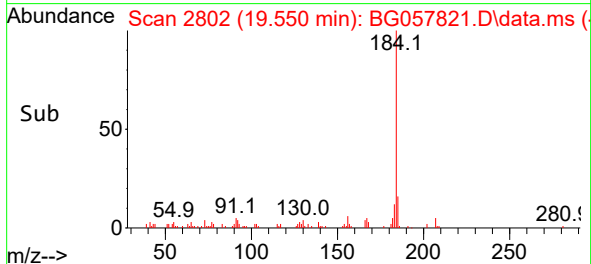
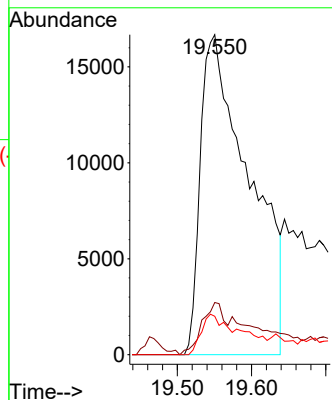
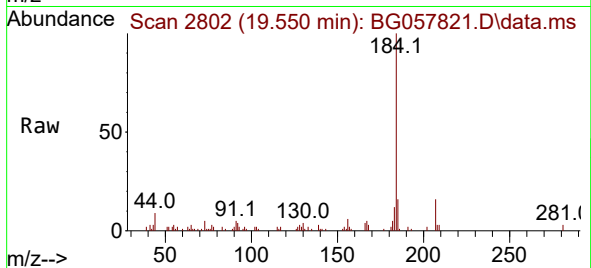
Tgt Ion:184 Resp: 76544

Ion Ratio Lower Upper

184 100

185 16.3 12.0 18.0

183 12.0 9.4 14.0



#78

Pyrene

Concen: 42.562 ng

RT: 19.715 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

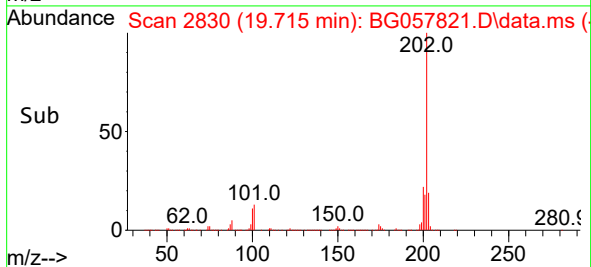
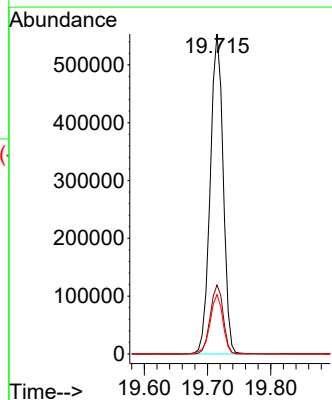
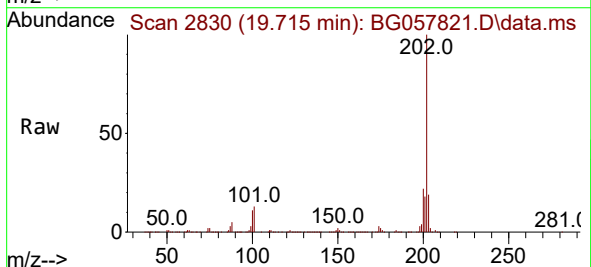
Tgt Ion:202 Resp: 786008

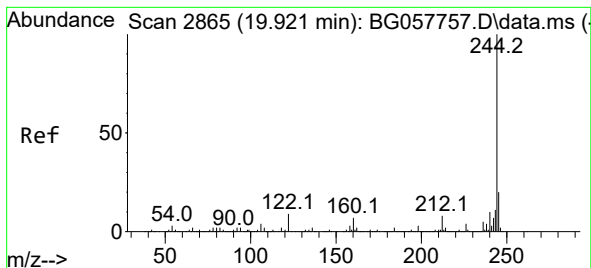
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

203 18.5 14.6 22.0





#79

Terphenyl-d14

Concen: 88.111 ng

RT: 19.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

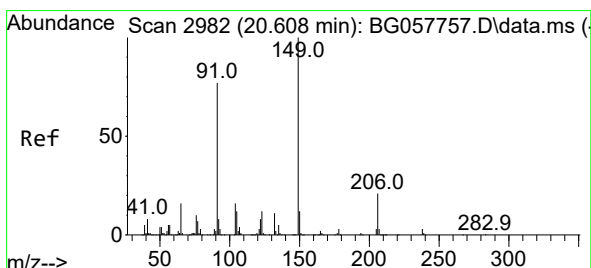
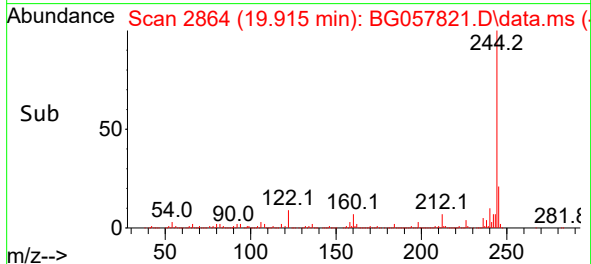
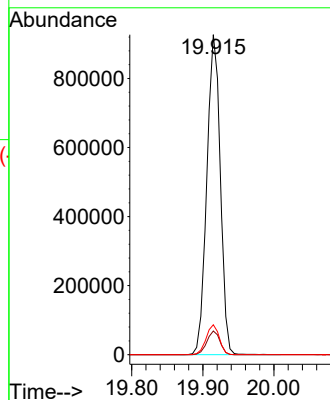
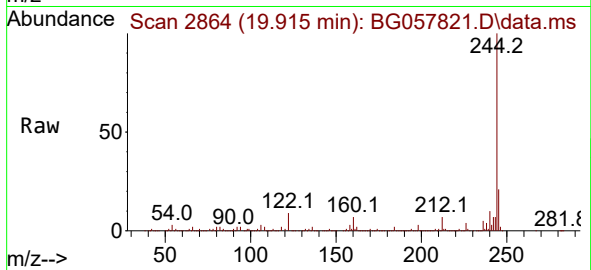
Tgt Ion:244 Resp: 1223305

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.4 7.6 11.4



#80

Butylbenzylphthalate

Concen: 46.067 ng

RT: 20.602 min Scan# 2981

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

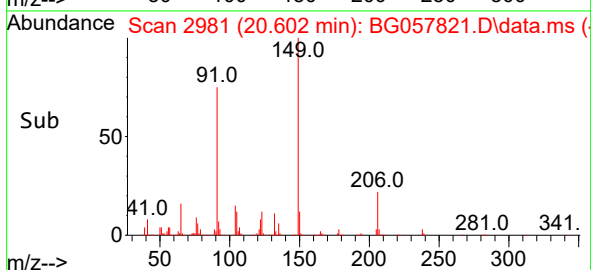
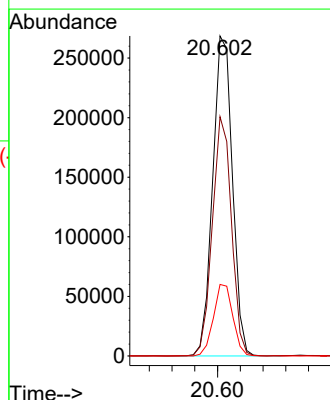
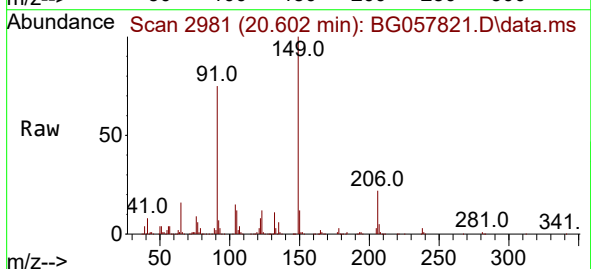
Tgt Ion:149 Resp: 323625

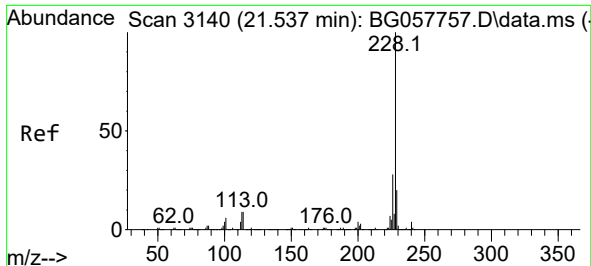
Ion Ratio Lower Upper

149 100

91 74.7 61.7 92.5

206 22.4 16.6 24.8

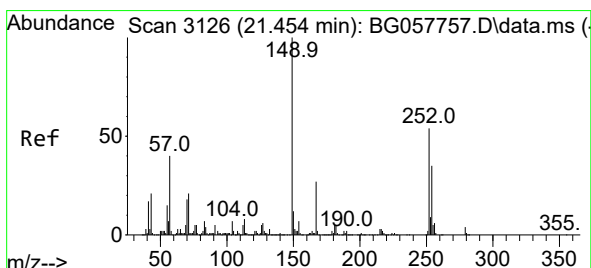
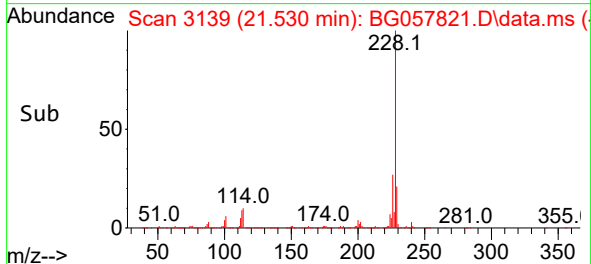
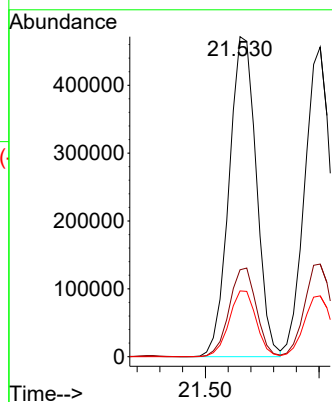
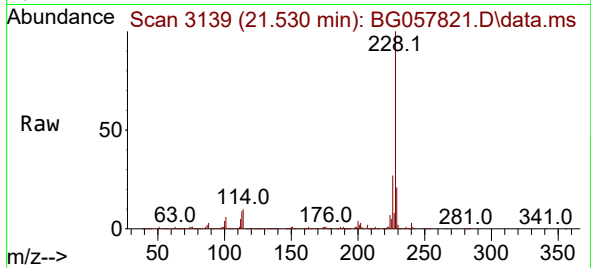




#81
Benzo(a)anthracene
Concen: 44.172 ng
RT: 21.530 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

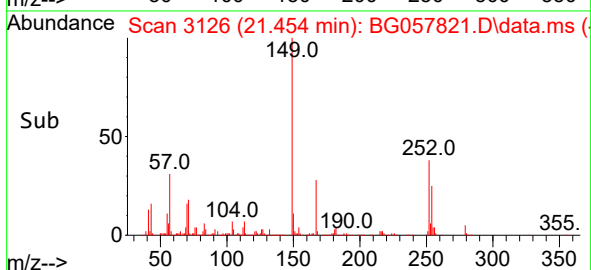
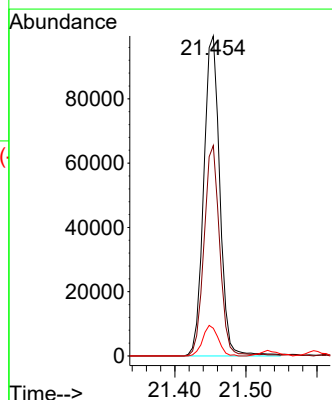
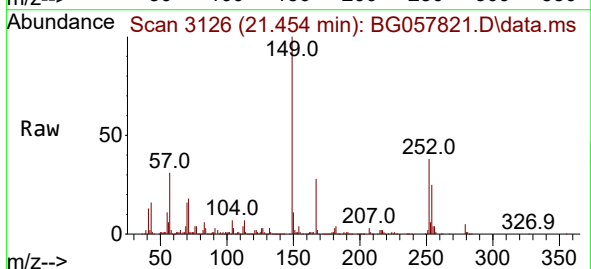
Instrument :
BNA_G
ClientSampleId :
WC-19MS

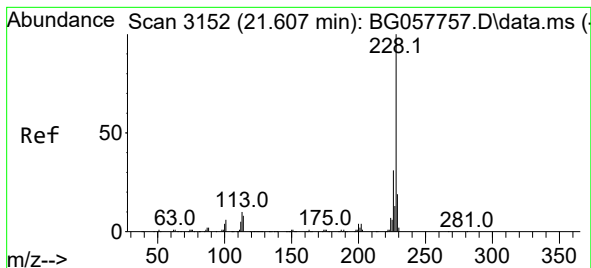
Tgt Ion:228 Resp: 784576
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 25.955 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:252 Resp: 156796
Ion Ratio Lower Upper
252 100
254 65.7 51.0 76.6
126 8.6 7.0 10.6





#83

Chrysene

Concen: 42.957 ng

RT: 21.601 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

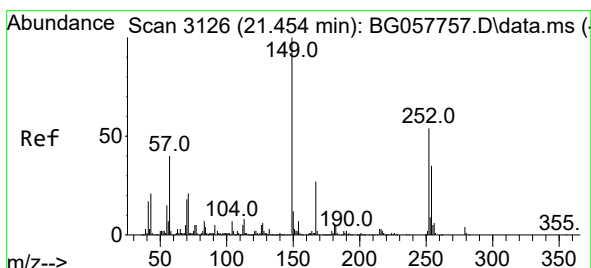
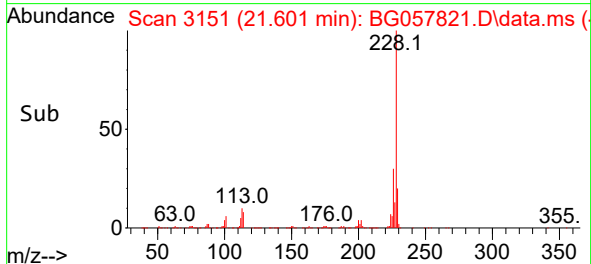
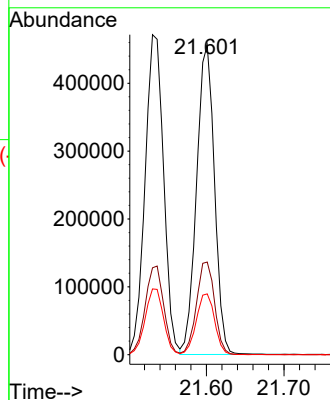
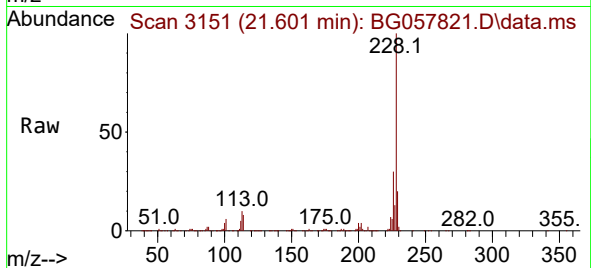
Tgt Ion:228 Resp: 732233

Ion Ratio Lower Upper

228 100

226 29.9 24.8 37.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.718 ng

RT: 21.448 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

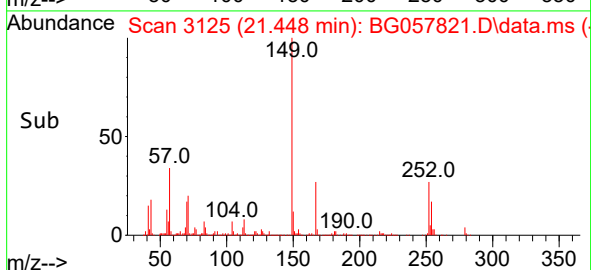
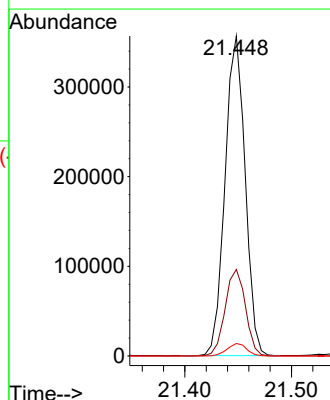
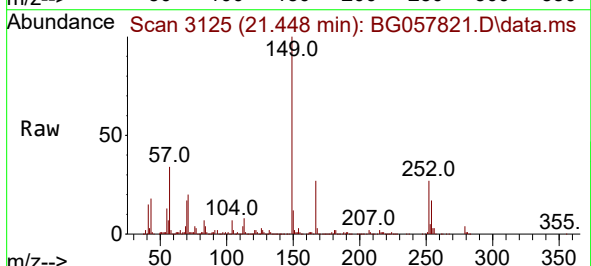
Tgt Ion:149 Resp: 466317

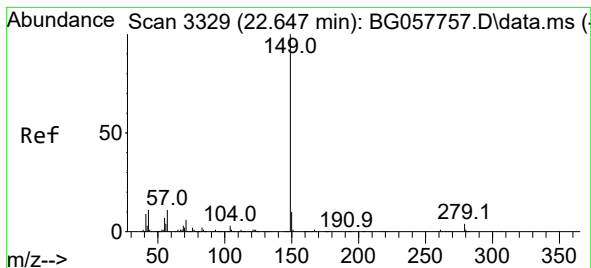
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.365 ng

RT: 22.635 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

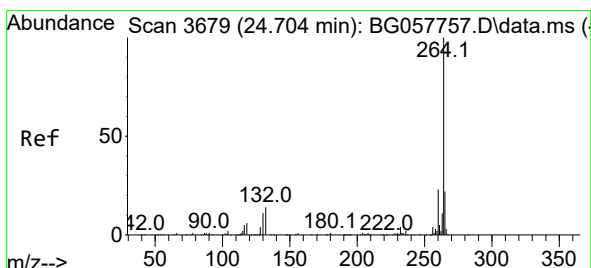
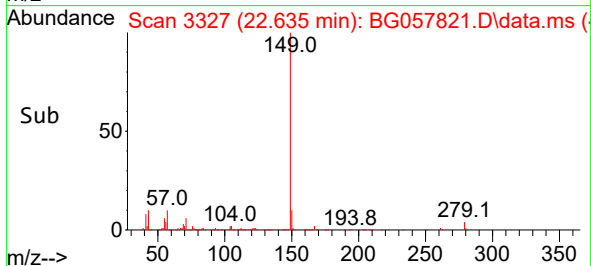
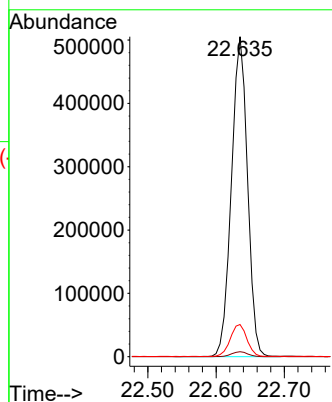
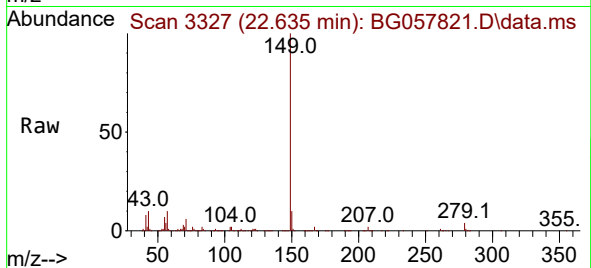
Tgt Ion:149 Resp: 829476

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.697 min Scan# 3678

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

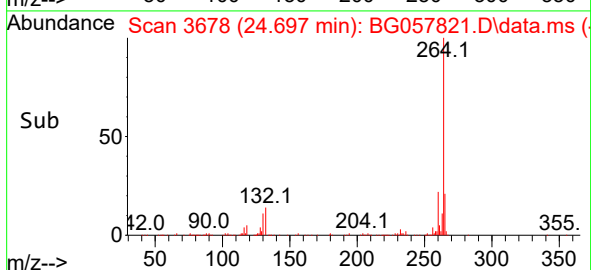
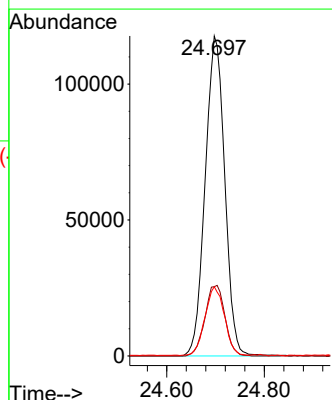
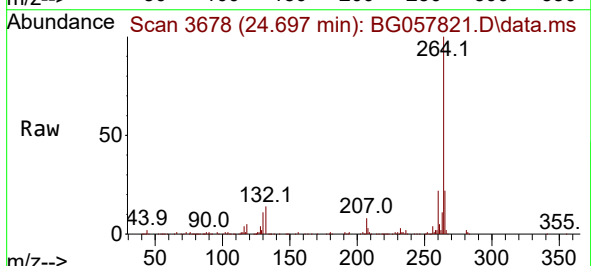
Tgt Ion:264 Resp: 327157

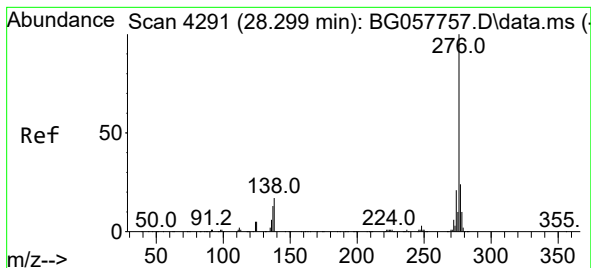
Ion Ratio Lower Upper

264 100

260 21.6 18.5 27.7

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.571 ng

RT: 28.293 min Scan# 4291

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

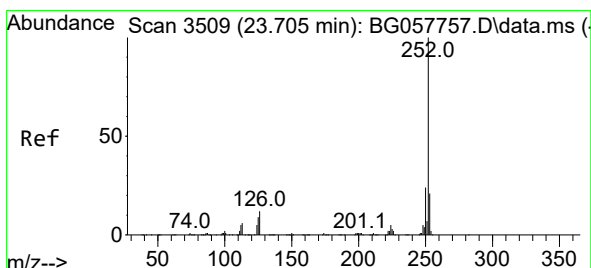
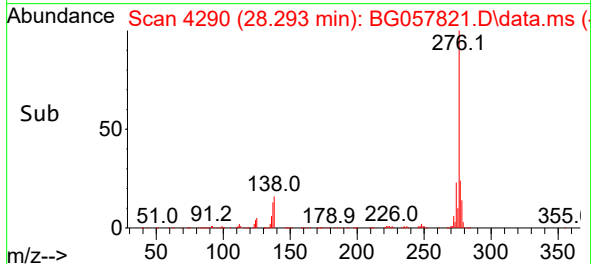
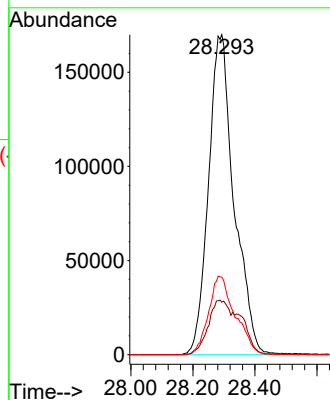
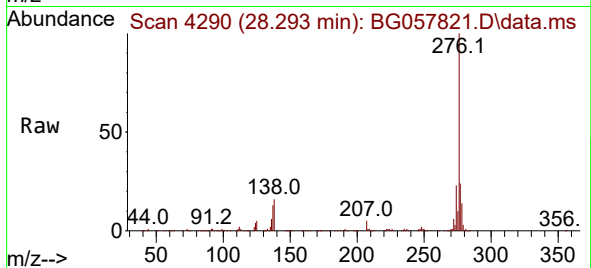
Tgt Ion:276 Resp: 974767

Ion Ratio Lower Upper

276 100

138 21.6 11.3 16.9#

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.056 ng

RT: 23.704 min Scan# 3509

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

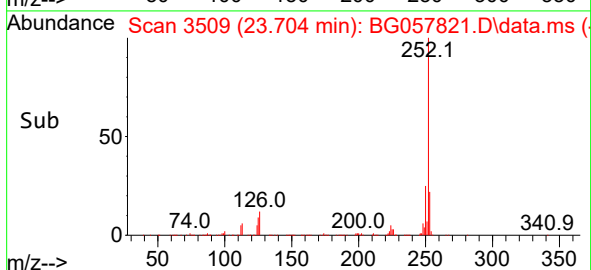
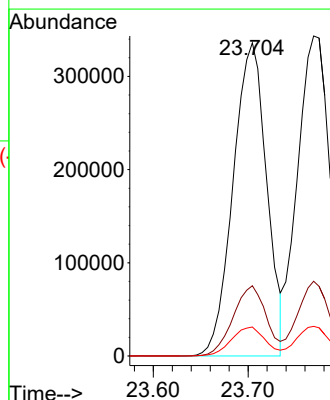
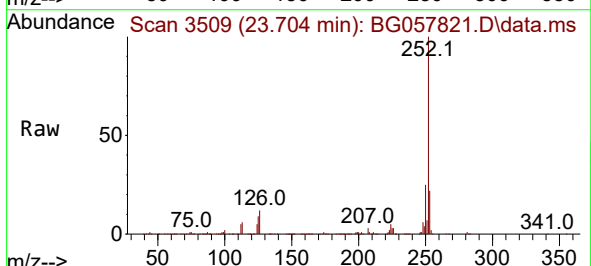
Tgt Ion:252 Resp: 825693

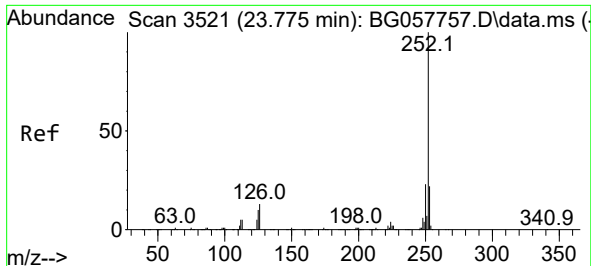
Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.996 ng

RT: 23.769 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

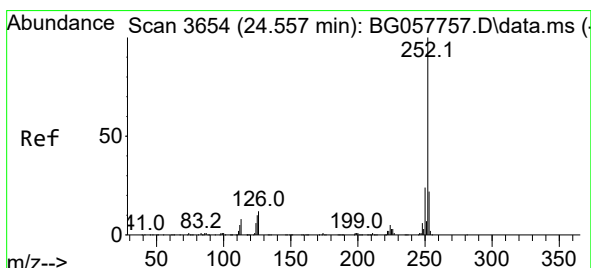
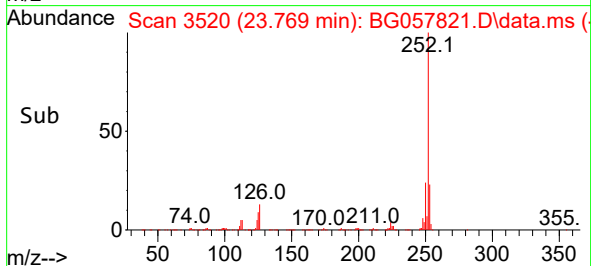
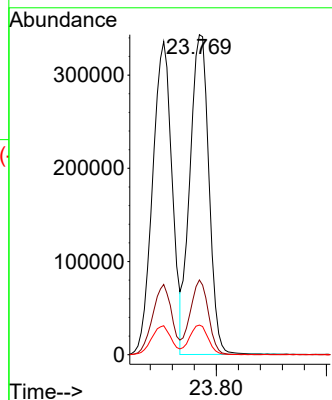
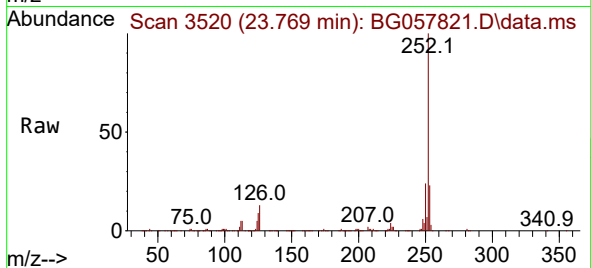
Tgt Ion:252 Resp: 821575

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 9.2 7.6 11.4



#90

Benzo(a)pyrene

Concen: 42.173 ng

RT: 24.556 min Scan# 3654

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

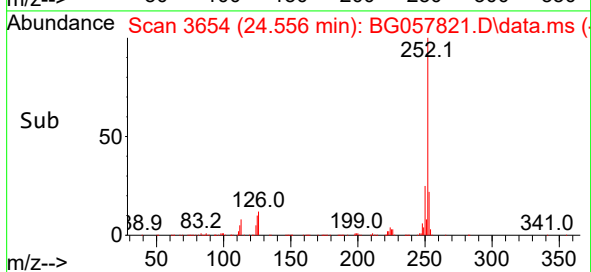
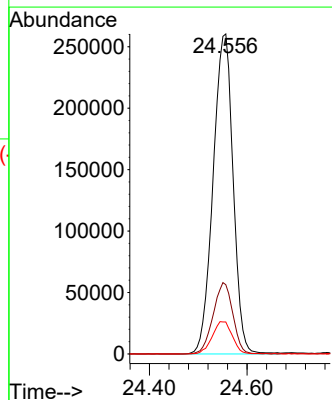
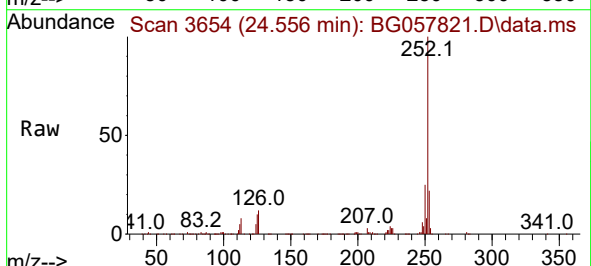
Tgt Ion:252 Resp: 742538

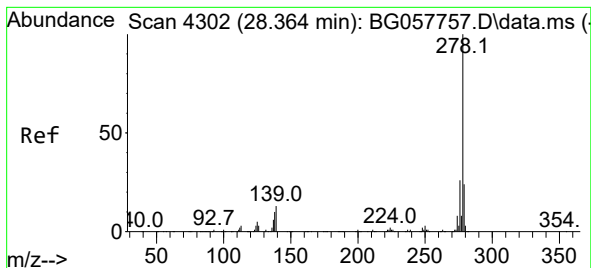
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.0 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.881 ng

RT: 28.358 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

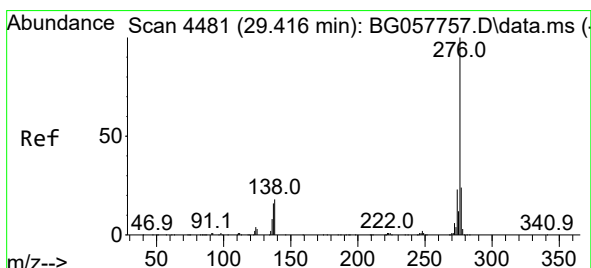
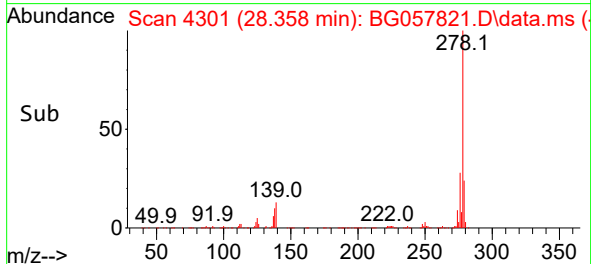
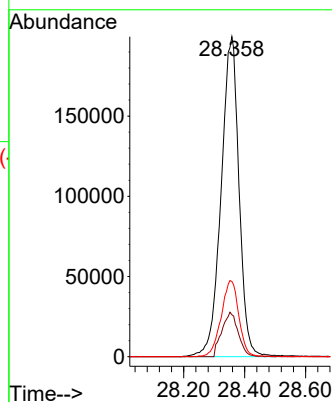
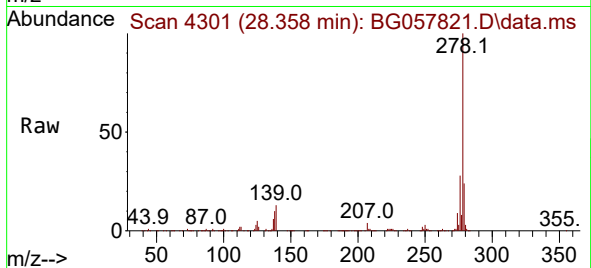
Tgt Ion:278 Resp: 814271

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 45.056 ng

RT: 29.409 min Scan# 4480

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion:276 Resp: 800659

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 18.5 14.2 21.4

