

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061358.D
 Acq On : 30 May 2024 11:48
 Operator : MA/JU
 Sample : PB161157BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS157

Quant Time: May 31 02:06:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	24890	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	105207	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.516	164	78759	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	179054	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	191518	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	208410	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3202	7.199	ng/uL	0.00
4) Pyridine-d5	3.746	84	47932	30.293	ng/u1	0.00
7) Phenol-d5	7.066	99	68444	33.486	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.212	67	40534	31.551	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	53934	35.654	ng/u1	0.01
15) 4-Methylphenol-d8	8.599	113	55904	32.076	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	27511	33.963	ng/u1	0.01
24) 2-Nitrophenol-d4	9.762	143	31249	32.963	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.309	165	65852	35.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	74655	30.876	ng/u1	0.01
46) Dimethylphthalate-d6	13.922	166	192537	31.520	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	220870	34.780	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	23858	31.592	ng/u1	0.00
60) Fluorene-d10	15.509	176	173008	32.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	28421	26.244	ng/u1	0.01
73) Anthracene-d10	17.365	188	264882	33.555	ng/u1	0.00
81) Pyrene-d10	19.657	212	327924	33.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	364967	36.426	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	7068	13.240	ng/uL#	74
5) Pyridine	3.764	79	46203	29.523	ng/u1	96
6) Benzaldehyde	7.024	77	39513	36.971	ng/u1	94
8) Phenol	7.089	94	68655	32.966	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.306	93	47136	30.943	ng/u1	94
12) 2-Chlorophenol	7.453	128	53236	33.300	ng/u1	98
13) 2-Methylphenol	8.335	108	50513	31.297	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	115904	28.173	ng/u1#	95
16) Acetophenone	8.699	105	86652	29.132	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.687	70	44128	26.982	ng/u1#	93
18) 4-Methylphenol	8.664	108	56544	31.620	ng/u1	97
19) Hexachloroethane	8.957	117	23035	32.384	ng/u1	96
22) Nitrobenzene	9.081	77	69579	31.318	ng/u1	98
23) Isophorone	9.604	82	123227	27.267	ng/u1	100
25) 2-Nitrophenol	9.792	139	32904	31.978	ng/u1	97
26) 2,4-Dimethylphenol	9.862	107	49250	24.156	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.086	93	68384	30.186	ng/u1	97
29) 2,4-Dichlorophenol	10.338	162	59730	35.089	ng/u1	91
30) Naphthalene	10.726	128	180005	32.416	ng/u1	98
32) 4-Chloroaniline	10.838	127	63745	26.529	ng/u1	98
33) Hexachlorobutadiene	11.008	225	55374	33.281	ng/u1	94
34) Caprolactam	11.596	113	12523	19.229	ng/u1#	63
35) 4-Chloro-3-methylphenol	11.977	107	64829	29.461	ng/u1	95
36) 2-Methylnaphthalene	12.336	142	124643	30.952	ng/u1	94

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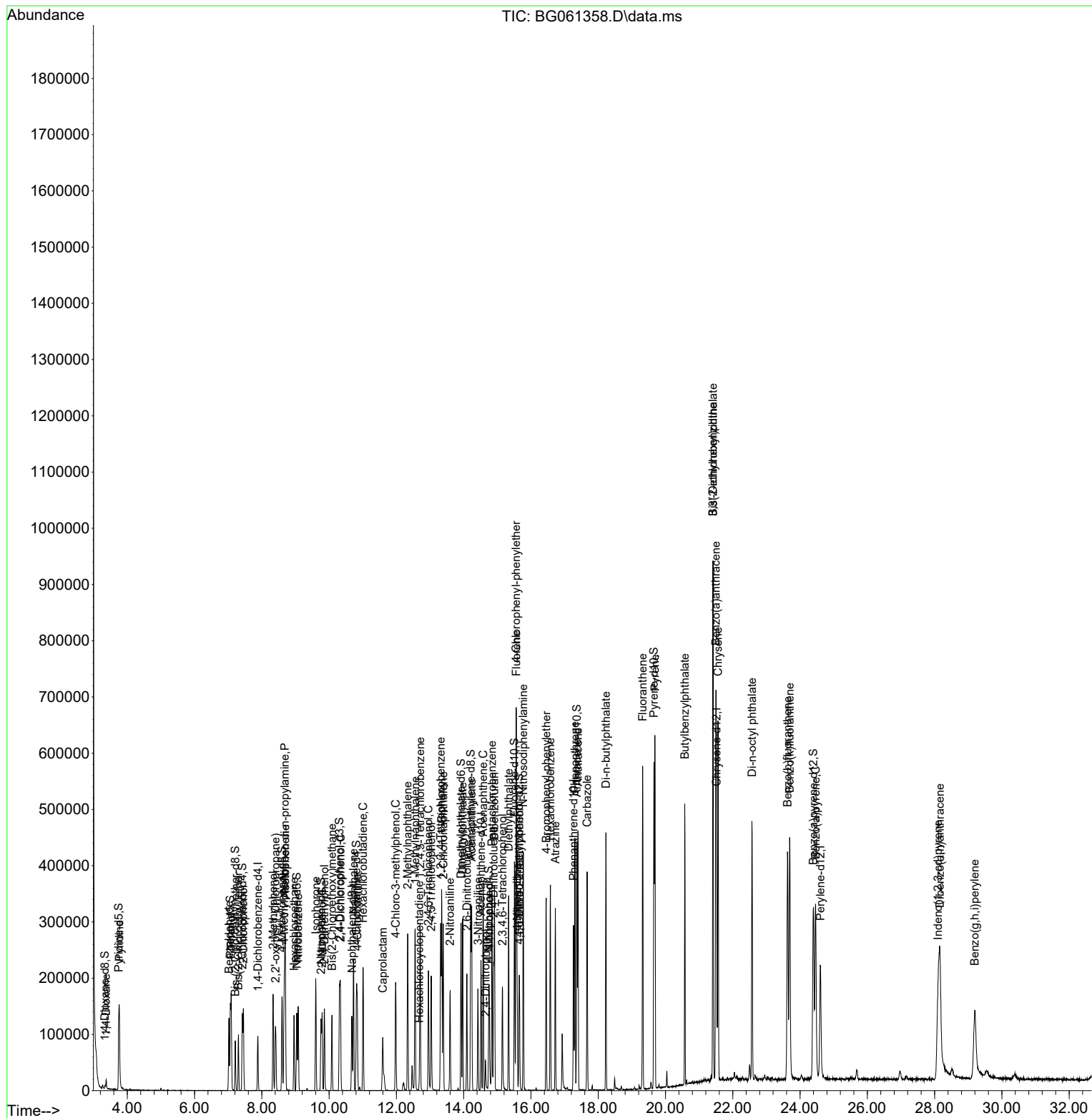
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.559	142	124430	30.108	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.706	216	100180	38.527	ng/ul	97
40) Hexachlorocyclopentadiene	12.682	237	7659	6.526	ng/ul	91
41) 2,4,6-Trichlorophenol	12.953	196	53078	36.239	ng/ul	95
42) 2,4,5-Trichlorophenol	13.035	196	58762	38.098	ng/ul	97
43) 1,1'-Biphenyl	13.346	154	178341	35.019	ng/ul	95
44) 2-Chloronaphthalene	13.393	162	141105	35.207	ng/ul	98
45) 2-Nitroaniline	13.599	65	51374	31.058	ng/ul	97
47) Dimethylphthalate	13.969	163	189811	29.814	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	39609	31.725	ng/ul	91
50) Acenaphthylene	14.239	152	226455	32.158	ng/ul	99
51) 3-Nitroaniline	14.427	138	36241	33.448	ng/ul	98
52) Acenaphthene	14.580	153	149999	32.471	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	13202	19.940	ng/ul	93
55) 4-Nitrophenol	14.762	109	26138	29.438	ng/ul	96
56) Dibenzofuran	14.915	168	216998	32.854	ng/ul	96
57) 2,4-Dinitrotoluene	14.892	165	57731	30.392	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.156	232	46843	33.299	ng/ul	93
59) Diethylphthalate	15.338	149	180013	28.633	ng/ul	99
61) Fluorene	15.567	166	180598	31.602	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.561	204	104726	31.247	ng/ul	99
63) 4-Nitroaniline	15.591	138	39056	34.608	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.661	198	29910	26.354	ng/ul	93
67) N-Nitrosodiphenylamine	15.773	169	158402	35.198	ng/ul	97
68) 4-Bromophenyl-phenylether	16.455	248	71573	33.736	ng/ul	97
69) Hexachlorobenzene	16.578	284	79815	33.846	ng/ul	97
70) Atrazine	16.725	200	58105	32.625	ng/ul	96
72) Phenanthrene	17.306	178	287205	33.048	ng/ul	98
74) Anthracene	17.400	178	283401	31.539	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	95745	40.453	ng/uL	94
76) Pentachlorobenzene	14.839	250	97758	37.358	ng/uL	95
77) Carbazole	17.671	167	247832	33.909	ng/ul	100
78) Di-n-butylphthalate	18.229	149	296859	32.416	ng/ul	100
80) Fluoranthene	19.322	202	375363	31.819	ng/ul	99
82) Pyrene	19.686	202	397580	32.469	ng/ul	100
83) Butylbenzylphthalate	20.573	149	141534	33.646	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.413	252	147044	36.171	ng/ul	99
85) Benzo(a)anthracene	21.502	228	433655	32.816	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	201273	32.325	ng/ul	99
87) Chrysene	21.560	228	406892	33.439	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	358965	34.428	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	412325	33.229	ng/ul	100
91) Benzo(k)fluoranthene	23.693	252	438057	34.775	ng/ul	97
93) Benzo(a)pyrene	24.463	252	360993	30.637	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.100	276	164402	11.538	ng/ul	98
95) Dibenzo(a,h)anthracene	28.158	278	355448	30.253	ng/ul	99
96) Benzo(g,h,i)perylene	29.193	276	276544	24.396	ng/ul	97

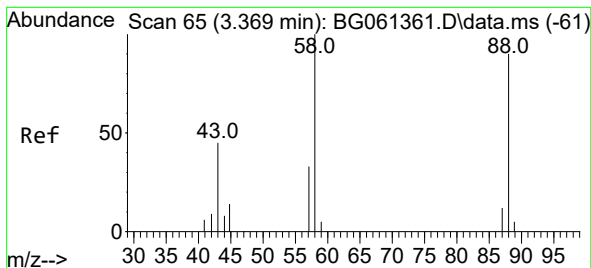
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#2

1,4-Dioxane

Concen: 13.240 ng/uL

RT: 3.370 min Scan# 61

Delta R.T. 0.001 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

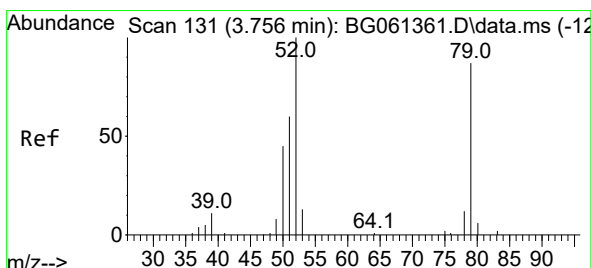
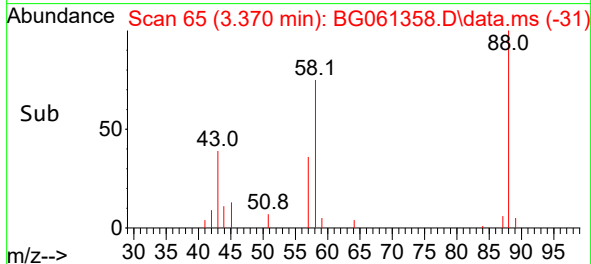
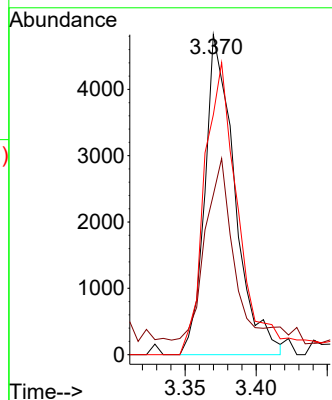
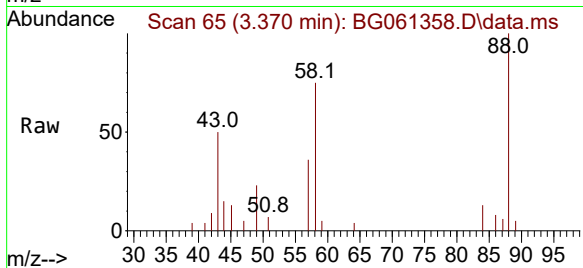
Tgt Ion: 88 Resp: 7068

Ion Ratio Lower Upper

88 100

43 49.9 44.6 67.0

58 75.0 90.3 135.5#



#5

Pyridine

Concen: 29.523 ng/uL

RT: 3.764 min Scan# 132

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

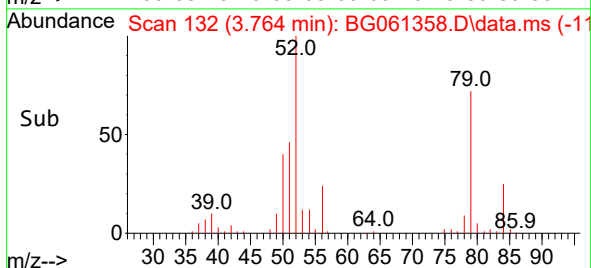
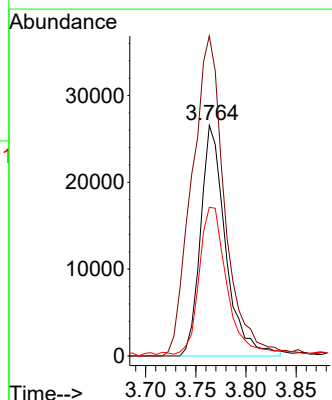
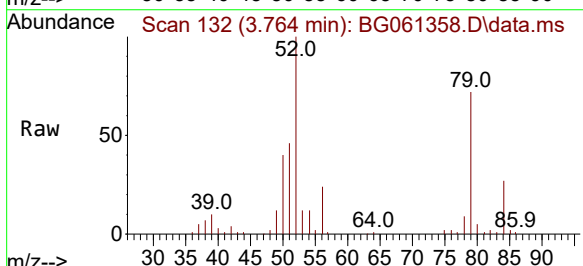
Tgt Ion: 79 Resp: 46203

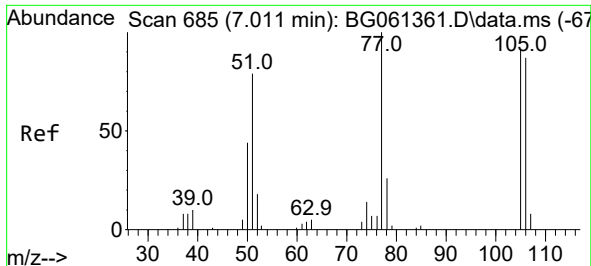
Ion Ratio Lower Upper

79 100

52 138.8 116.3 174.5

51 64.4 52.1 78.1

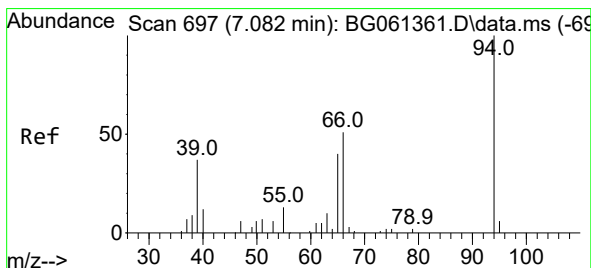
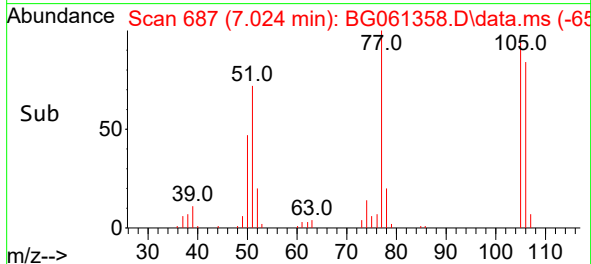
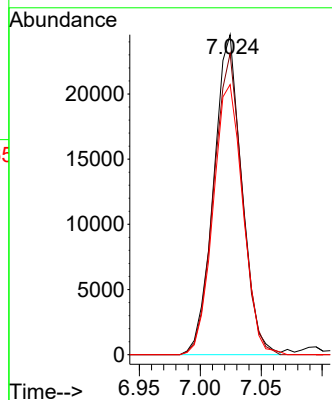
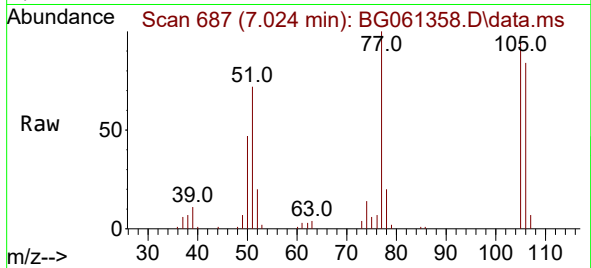




#6
Benzaldehyde
Concen: 36.971 ng/ul
RT: 7.024 min Scan# 687
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

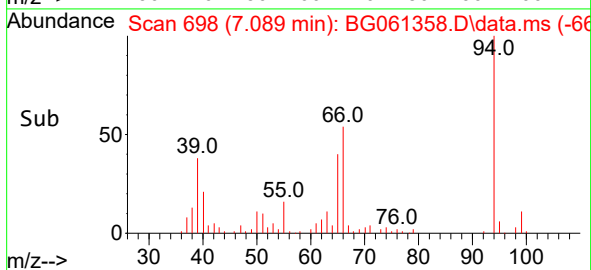
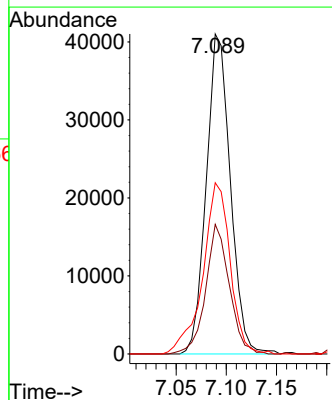
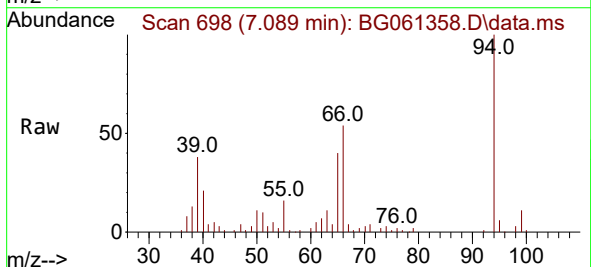
Instrument :
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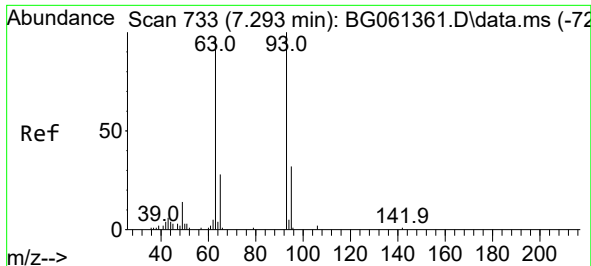
Tgt Ion: 77 Resp: 39513
Ion Ratio Lower Upper
77 100
105 94.1 71.0 106.6
106 84.4 63.4 95.2



#8
Phenol
Concen: 32.966 ng/ul
RT: 7.089 min Scan# 698
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion: 94 Resp: 68655
Ion Ratio Lower Upper
94 100
65 40.5 35.0 52.4
66 53.5 50.3 75.5

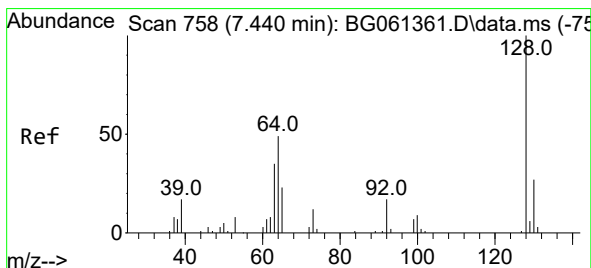
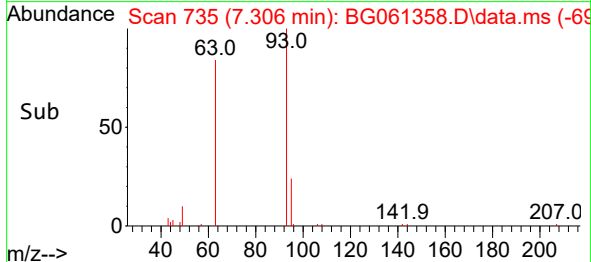
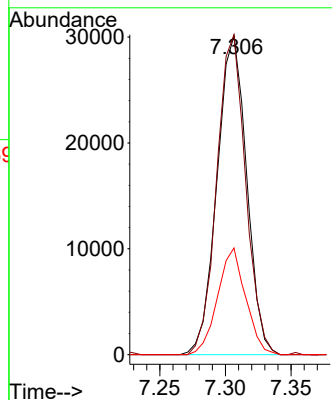
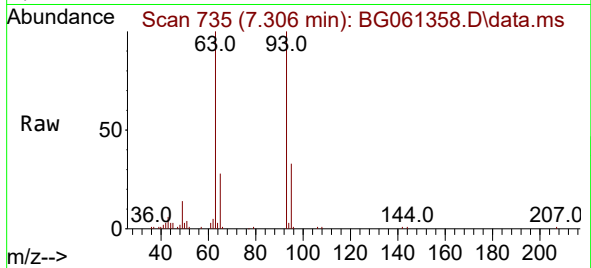




#10
Bis(2-Chloroethyl)ether
Concen: 30.943 ng/ul
RT: 7.306 min Scan# 71
Delta R.T. 0.013 min
Lab File: BG061358.D
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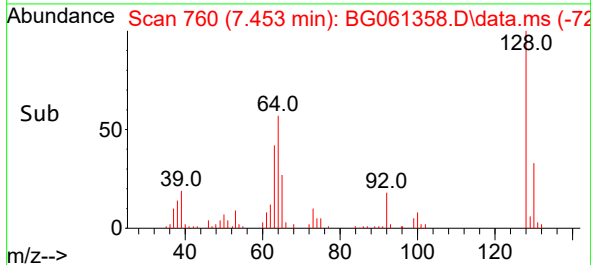
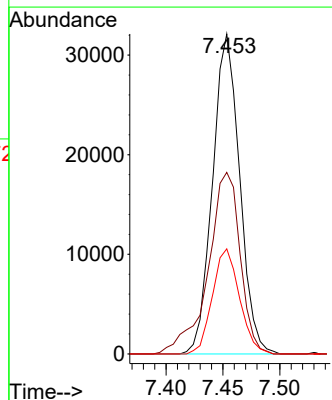
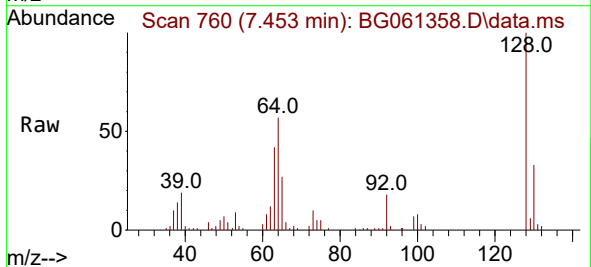
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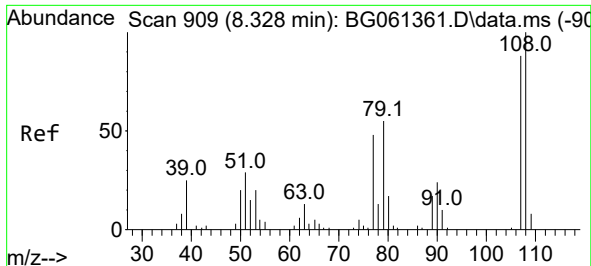
Tgt Ion: 93 Resp: 47136
Ion Ratio Lower Upper
93 100
63 100.4 86.2 129.2
95 33.5 25.8 38.8



#12
2-Chlorophenol
Concen: 33.300 ng/ul
RT: 7.453 min Scan# 760
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:128 Resp: 53236
Ion Ratio Lower Upper
128 100
64 56.7 46.9 70.3
130 32.9 25.8 38.8





#13

2-Methylphenol

Concen: 31.297 ng/ul

RT: 8.335 min Scan# 910

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

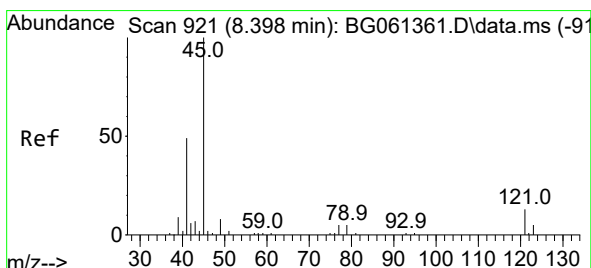
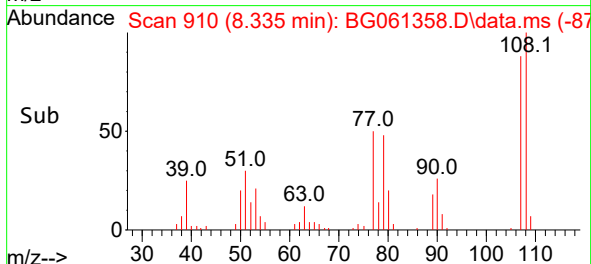
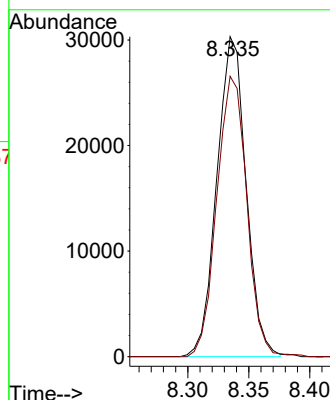
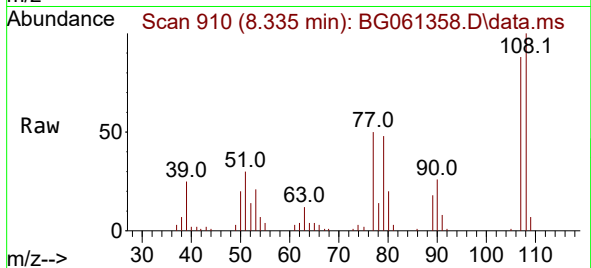
SLCS157

Tgt Ion:108 Resp: 50513

Ion Ratio Lower Upper

108 100

107 87.6 69.5 104.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.173 ng/ul

RT: 8.411 min Scan# 923

Delta R.T. 0.013 min

Lab File: BG061358.D

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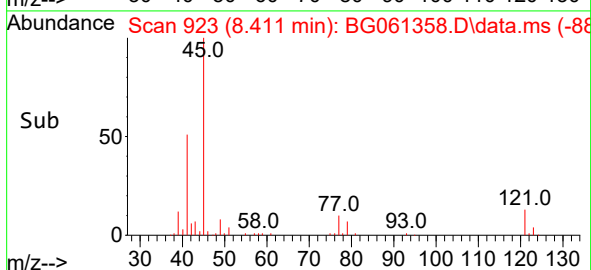
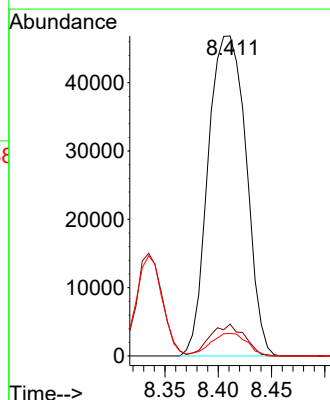
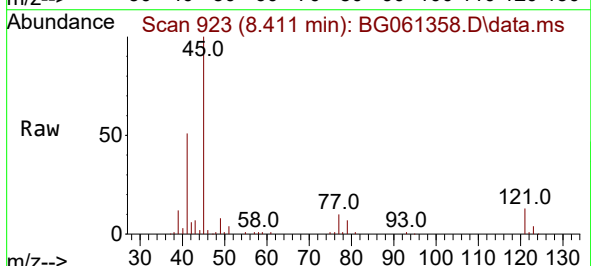
Tgt Ion: 45 Resp: 115904

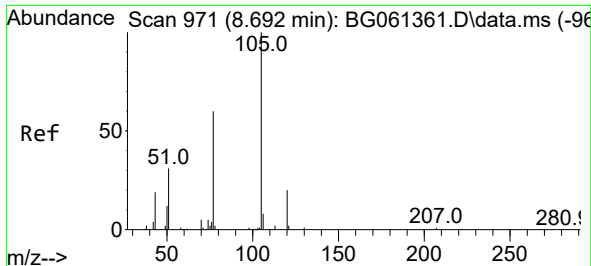
Ion Ratio Lower Upper

45 100

77 10.0 6.2 9.2#

79 7.1 4.6 7.0#

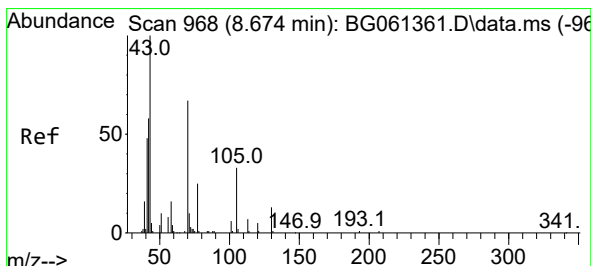
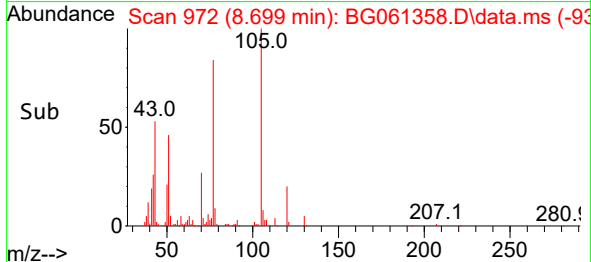
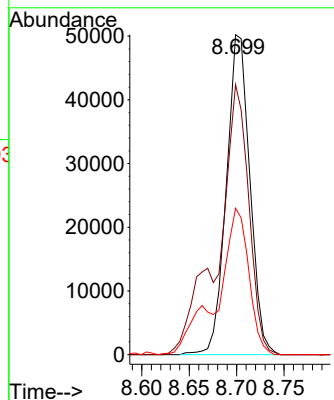
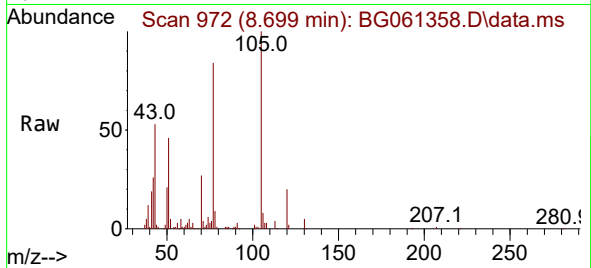




#16
Acetophenone
Concen: 29.132 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.007 min
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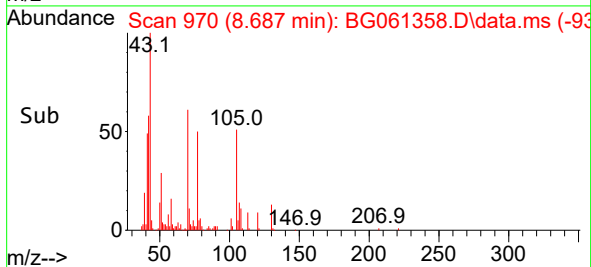
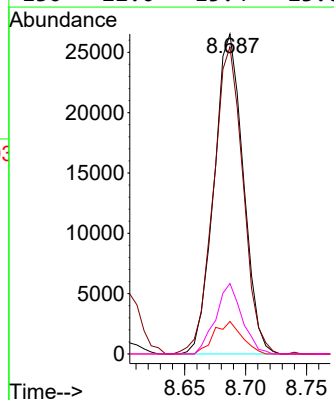
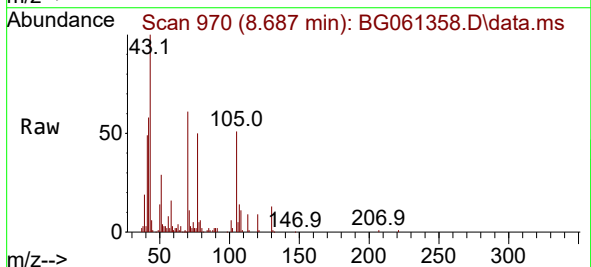
Instrument :
BNA_G
ClientSampleId :
SLCS157

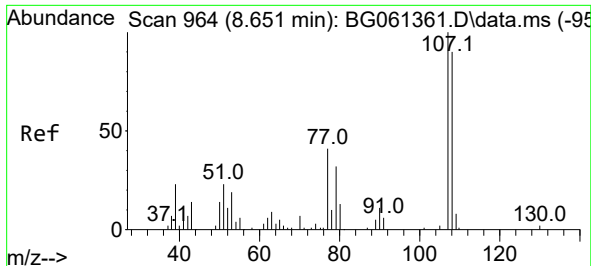
Tgt Ion:105 Resp: 86652
Ion Ratio Lower Upper
105 100
77 84.4 70.4 105.6
51 45.7 38.4 57.6



#17
N-Nitroso-di-n-propylamine
Concen: 26.982 ng/ul
RT: 8.687 min Scan# 970
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion: 70 Resp: 44128
Ion Ratio Lower Upper
70 100
42 96.0 83.2 124.8
101 10.1 6.6 9.8#
130 22.0 15.4 23.0

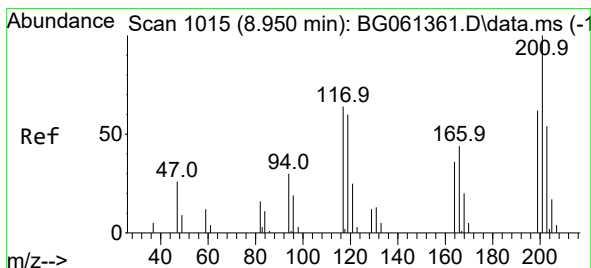
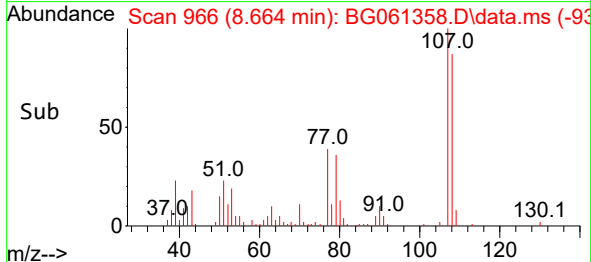
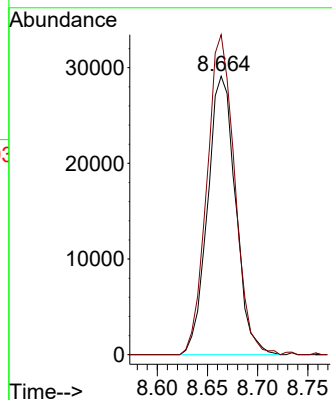
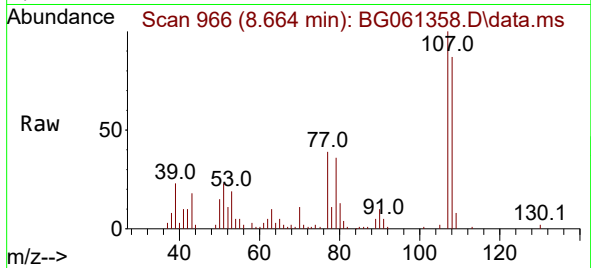




#18
4-Methylphenol
Concen: 31.620 ng/ul
RT: 8.664 min Scan# 90
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

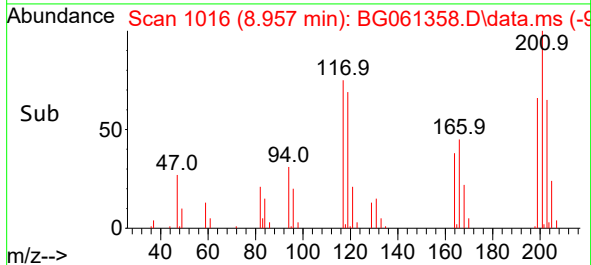
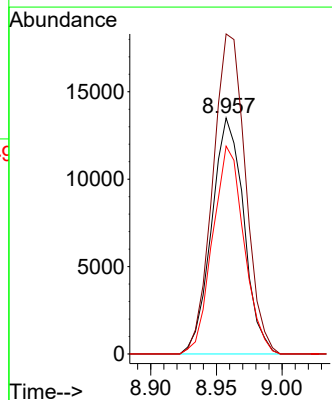
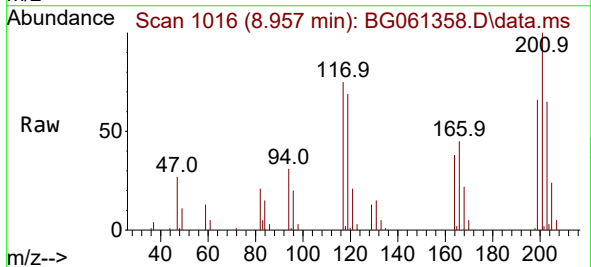
Instrument :
BNA_G
ClientSampleId :
SLCS157

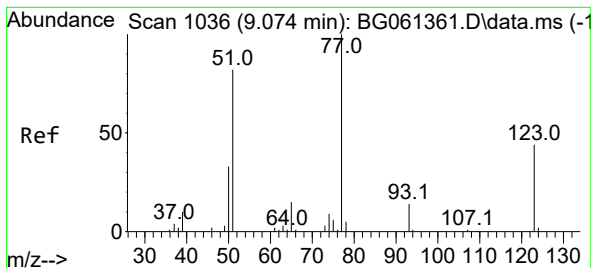
Tgt Ion:108 Resp: 56544
Ion Ratio Lower Upper
108 100
107 115.0 89.3 133.9



#19
Hexachloroethane
Concen: 32.384 ng/ul
RT: 8.957 min Scan# 1016
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:117 Resp: 23035
Ion Ratio Lower Upper
117 100
201 135.5 110.8 166.2
199 88.0 65.1 97.7





#22

Nitrobenzene

Concen: 31.318 ng/ul

RT: 9.081 min Scan# 1037

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

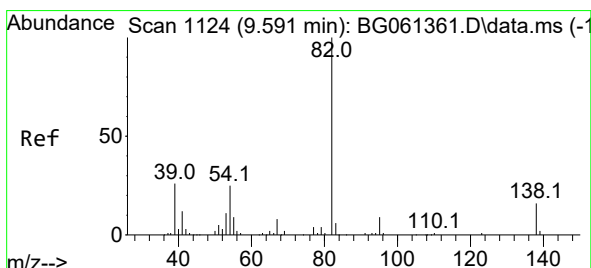
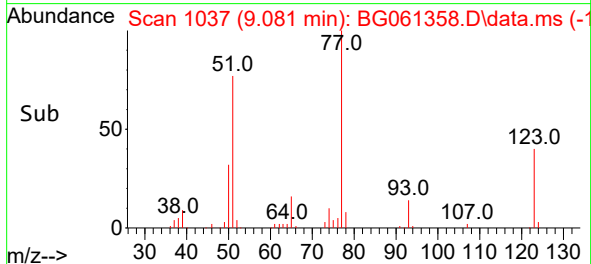
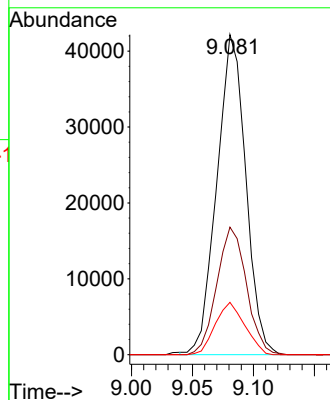
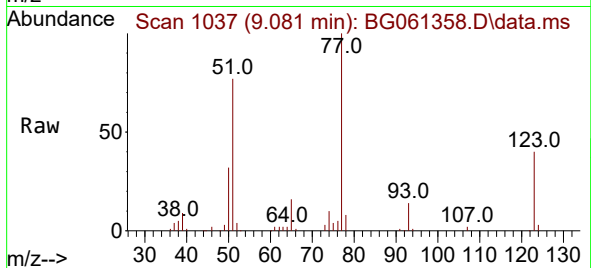
Tgt Ion: 77 Resp: 69579

Ion Ratio Lower Upper

77 100

123 39.9 32.7 49.1

65 16.4 14.2 21.2



#23

Isophorone

Concen: 27.267 ng/ul

RT: 9.604 min Scan# 1126

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

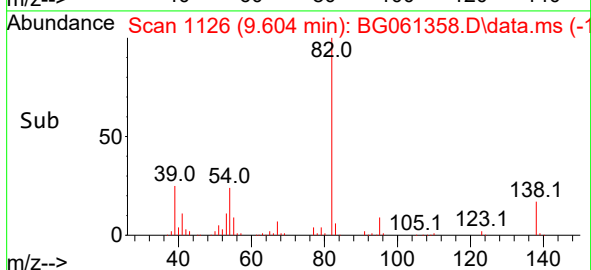
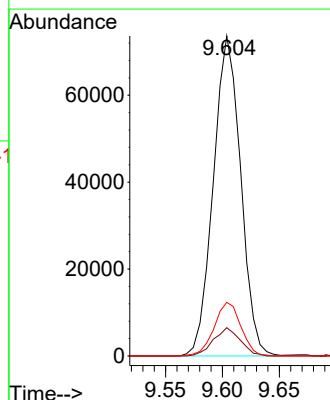
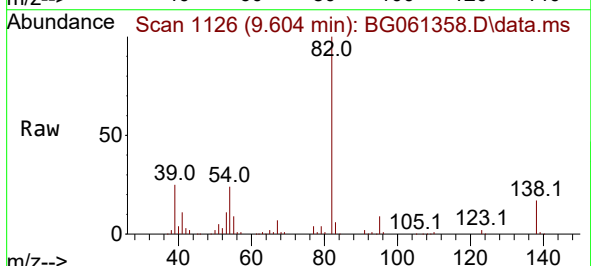
Tgt Ion: 82 Resp: 123227

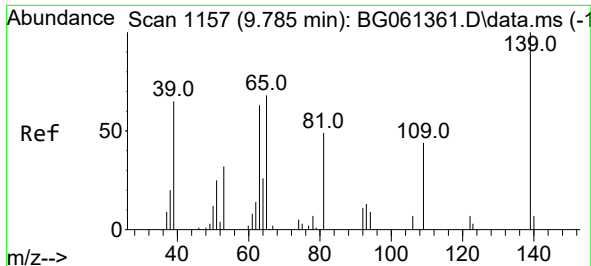
Ion Ratio Lower Upper

82 100

95 8.8 6.9 10.3

138 16.8 13.5 20.3

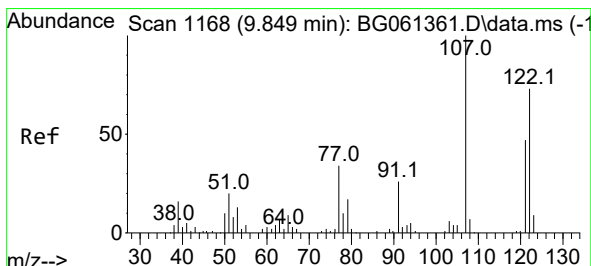
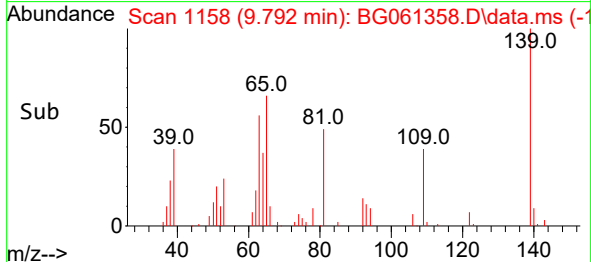
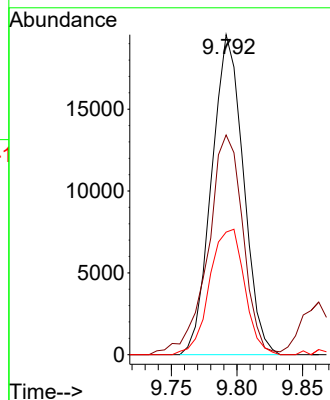
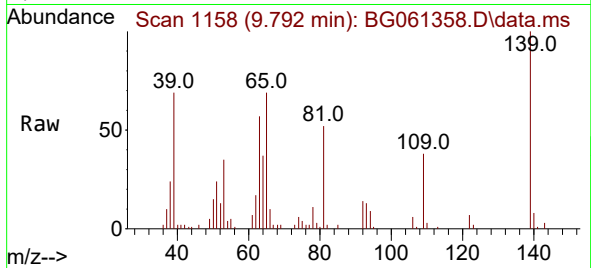




#25
2-Nitrophenol
Concen: 31.978 ng/ul
RT: 9.792 min Scan# 1157
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

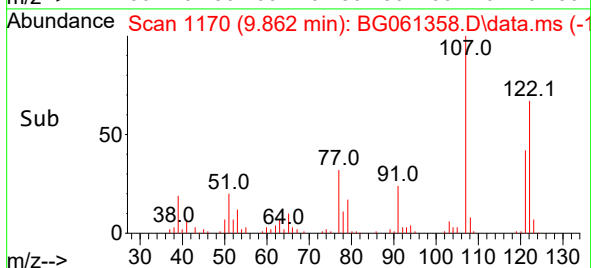
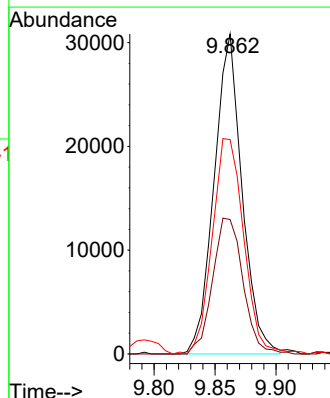
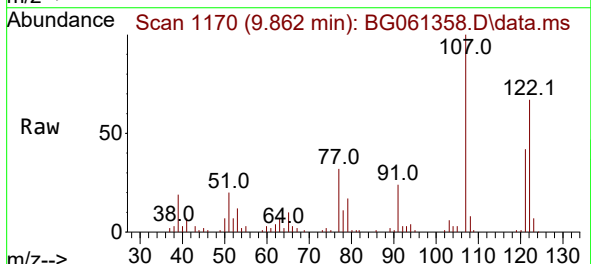
Instrument :
BNA_G
ClientSampleId :
SLCS157

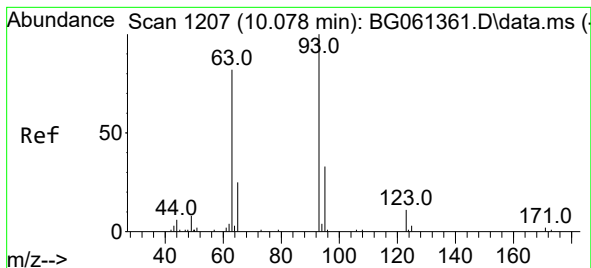
Tgt Ion:139 Resp: 32904
Ion Ratio Lower Upper
139 100
65 68.7 56.1 84.1
109 38.3 33.8 50.6



#26
2,4-Dimethylphenol
Concen: 24.156 ng/ul
RT: 9.862 min Scan# 1170
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:107 Resp: 49250
Ion Ratio Lower Upper
107 100
121 42.0 36.4 54.6
122 67.0 65.8 98.8





#27

Bis(2-Chloroethoxy)methane

Concen: 30.186 ng/ul

RT: 10.086 min Scan# 11

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

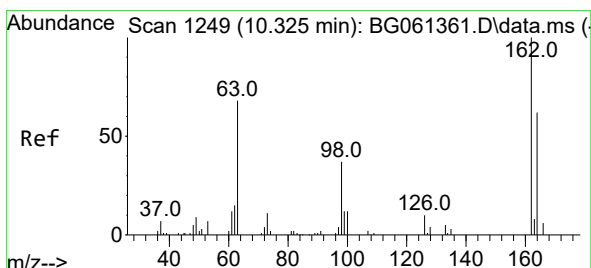
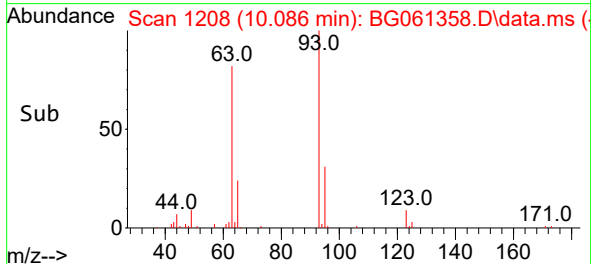
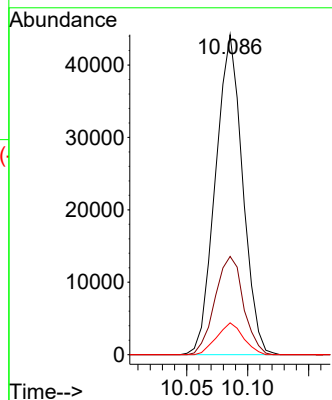
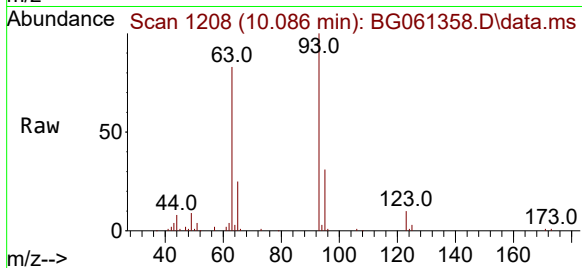
Tgt Ion: 93 Resp: 68384

Ion Ratio Lower Upper

93 100

95 30.7 25.8 38.8

123 10.0 7.2 10.8



#29

2,4-Dichlorophenol

Concen: 35.089 ng/ul

RT: 10.338 min Scan# 1251

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

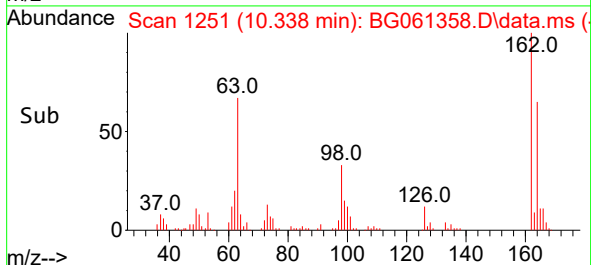
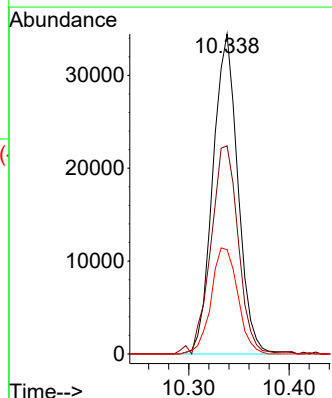
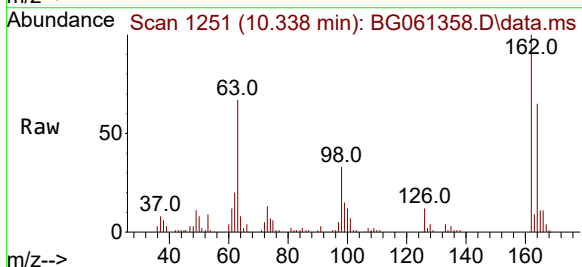
Tgt Ion:162 Resp: 59730

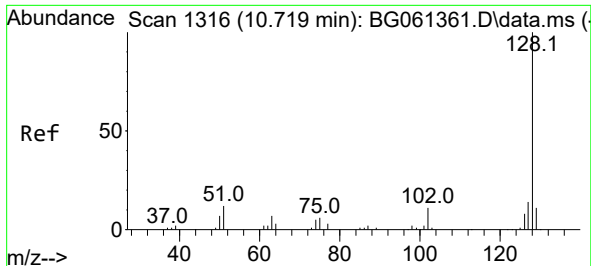
Ion Ratio Lower Upper

162 100

164 65.1 58.4 87.6

98 32.6 29.9 44.9

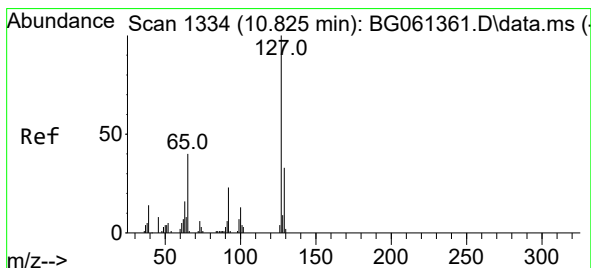
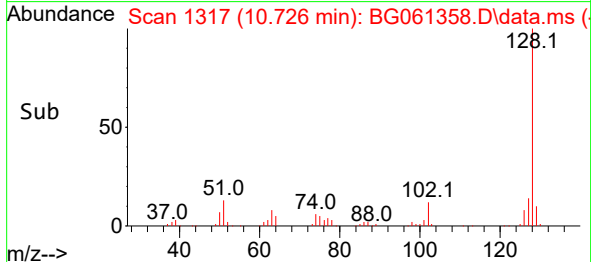
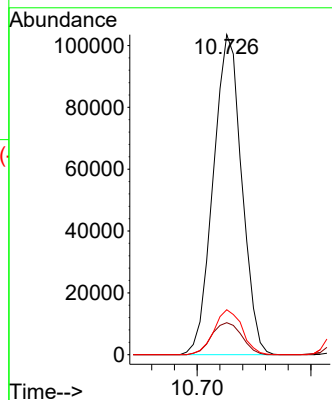
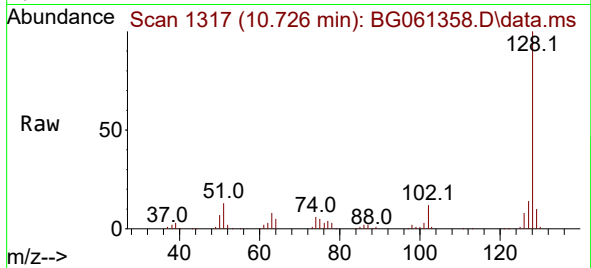




#30
Naphthalene
Concen: 32.416 ng/ul
RT: 10.726 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

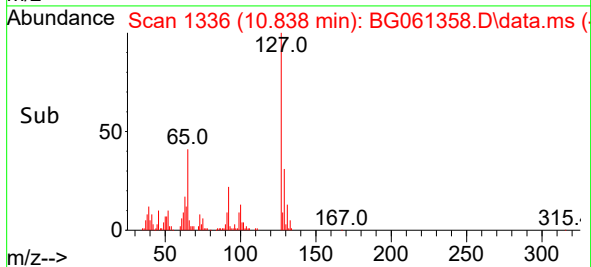
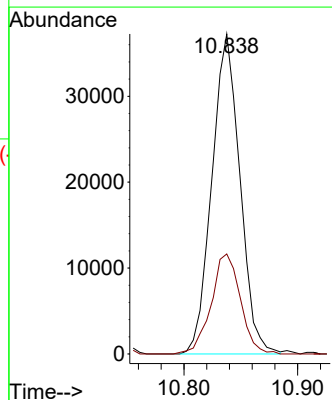
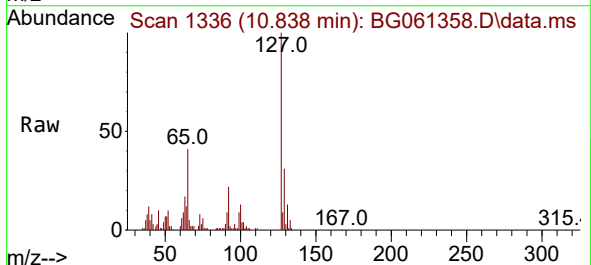
Instrument :
BNA_G
ClientSampleId :
SLCS157

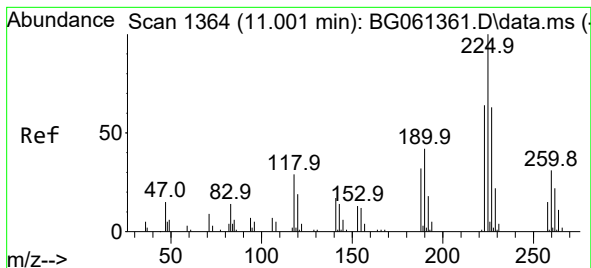
Tgt Ion:128 Resp: 180005
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 14.1 10.8 16.2



#32
4-Chloroaniline
Concen: 26.529 ng/ul
RT: 10.838 min Scan# 1336
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:127 Resp: 63745
Ion Ratio Lower Upper
127 100
129 31.2 25.9 38.9





#33

Hexachlorobutadiene

Concen: 33.281 ng/ul

RT: 11.008 min Scan# 11

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

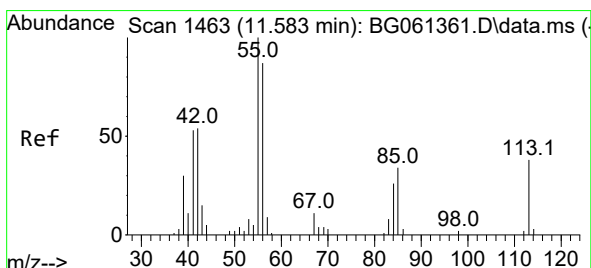
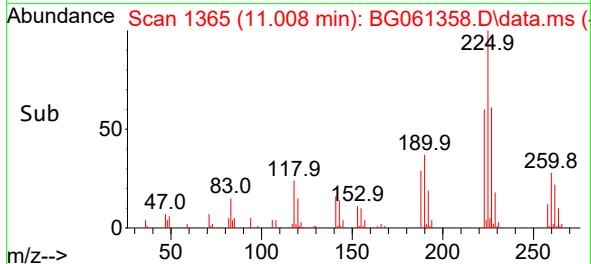
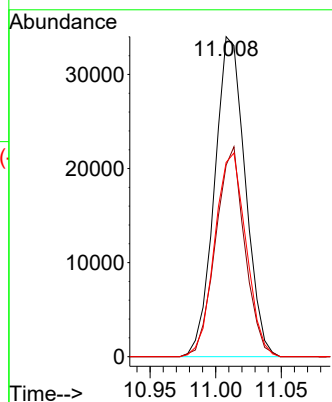
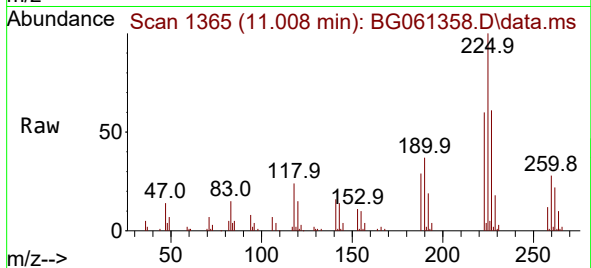
Tgt Ion:225 Resp: 55374

Ion Ratio Lower Upper

225 100

223 59.9 53.8 80.8

227 60.7 50.2 75.2



#34

Caprolactam

Concen: 19.229 ng/ul

RT: 11.596 min Scan# 1465

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

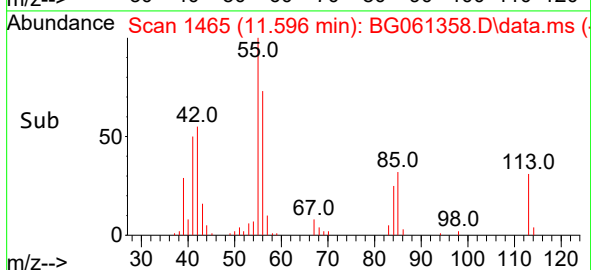
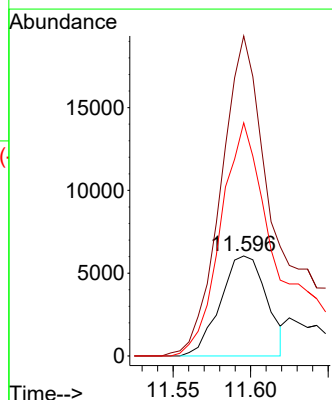
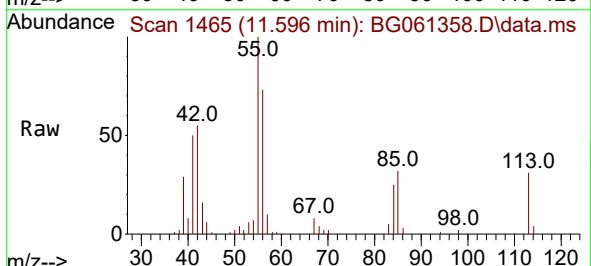
Tgt Ion:113 Resp: 12523

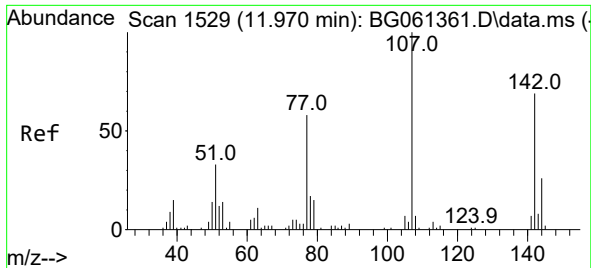
Ion Ratio Lower Upper

113 100

55 319.9 199.0 298.4#

56 233.1 150.6 226.0#

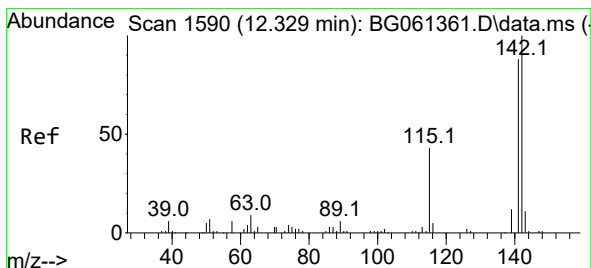
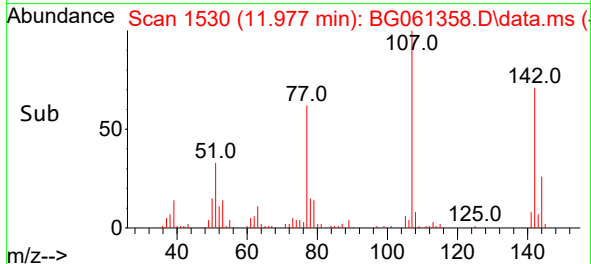
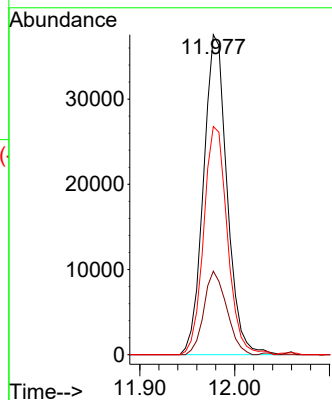
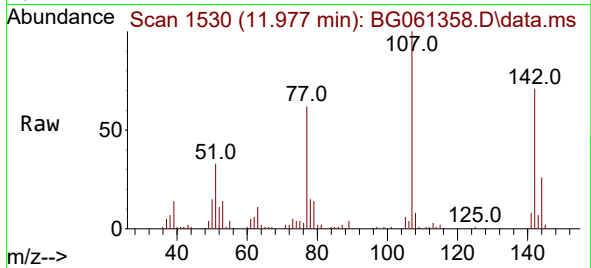




#35
 4-Chloro-3-methylphenol
 Concen: 29.461 ng/ul
 RT: 11.977 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

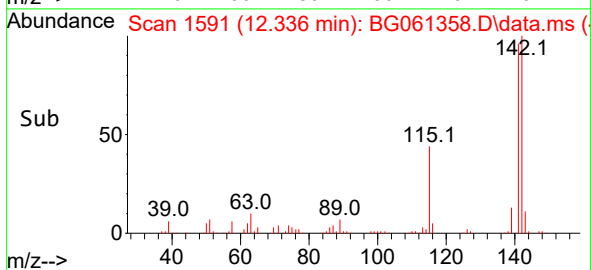
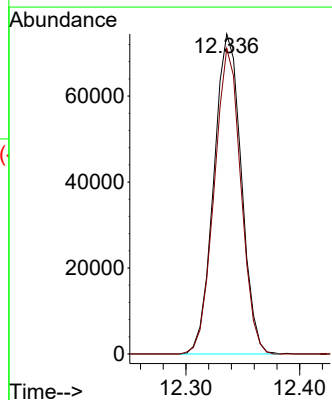
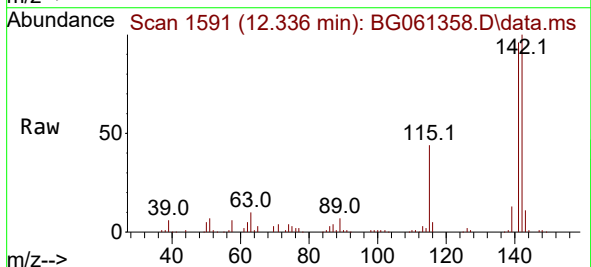
Instrument :
 BNA_G
 ClientSampleId :
 SLCS157

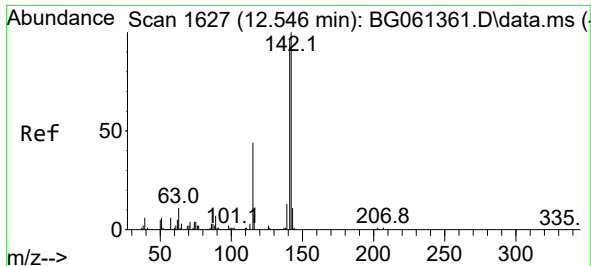
Tgt Ion:107 Resp: 64829
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.2 31.8
 142 71.3 61.6 92.4



#36
 2-Methylnaphthalene
 Concen: 30.952 ng/ul
 RT: 12.336 min Scan# 1591
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

Tgt Ion:142 Resp: 124643
 Ion Ratio Lower Upper
 142 100
 141 95.5 72.2 108.2





#37

1-Methylnaphthalene

Concen: 30.108 ng/ul

RT: 12.559 min Scan# 1

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

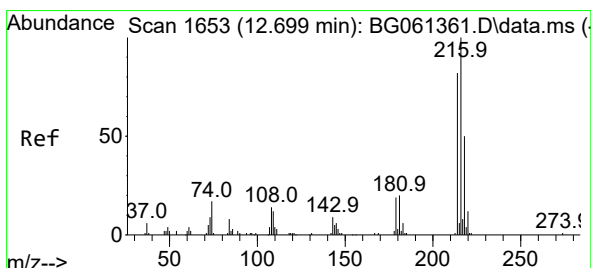
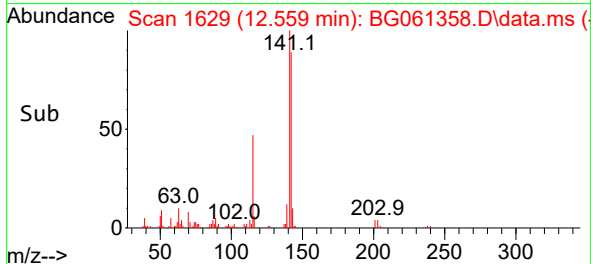
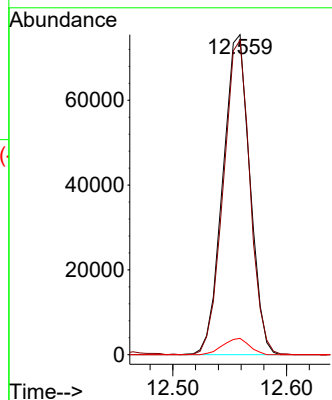
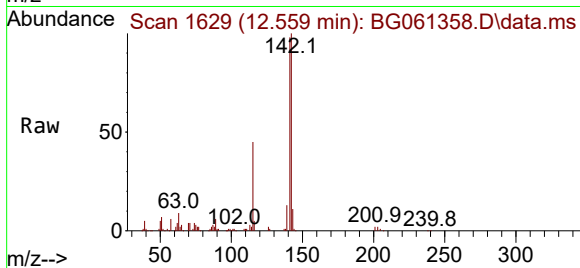
Tgt Ion:142 Resp: 124430

Ion Ratio Lower Upper

142 100

141 98.3 75.5 113.3

116 5.1 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.527 ng/ul

RT: 12.706 min Scan# 1654

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Tgt Ion:216 Resp: 100180

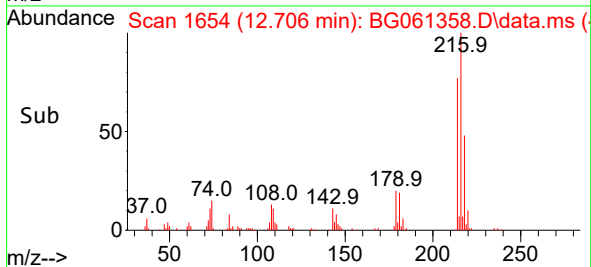
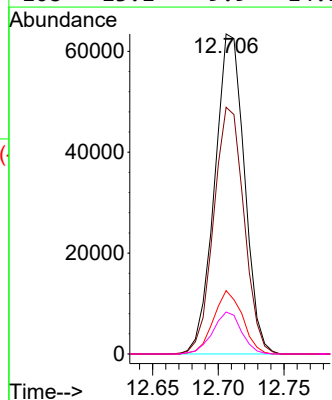
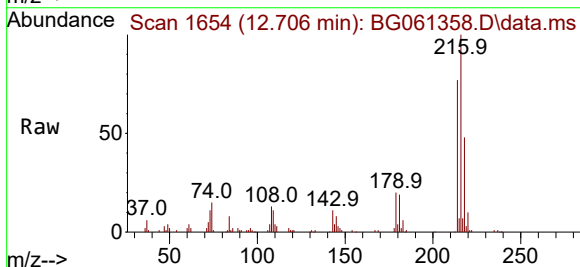
Ion Ratio Lower Upper

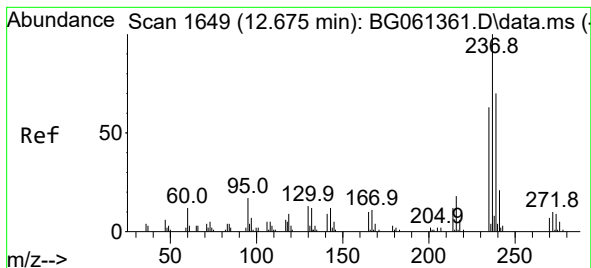
216 100

214 77.1 64.5 96.7

179 19.8 16.0 24.0

108 13.1 9.9 14.9





#40

Hexachlorocyclopentadiene

Concen: 6.526 ng/ul

RT: 12.682 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

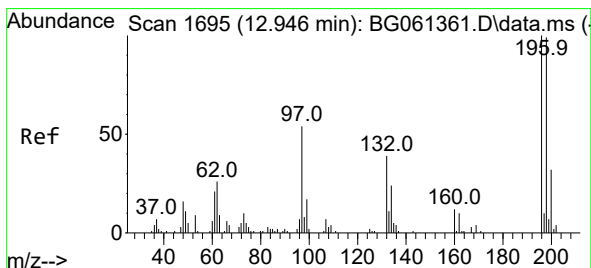
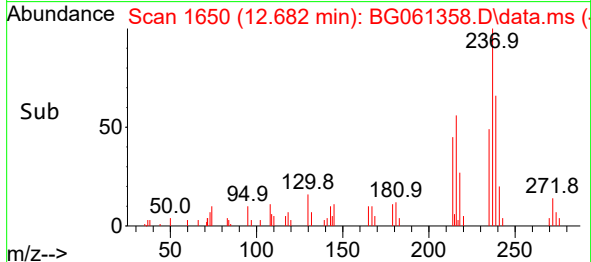
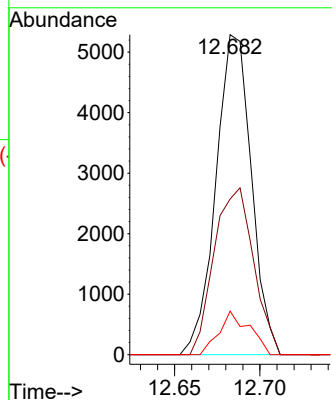
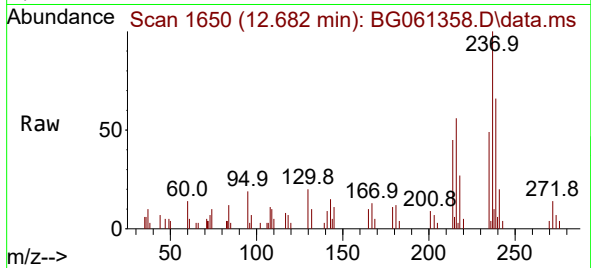
Tgt Ion:237 Resp: 7659

Ion Ratio Lower Upper

237 100

235 48.6 45.4 68.2

272 13.6 11.4 17.0



#41

2,4,6-Trichlorophenol

Concen: 36.239 ng/ul

RT: 12.953 min Scan# 1696

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

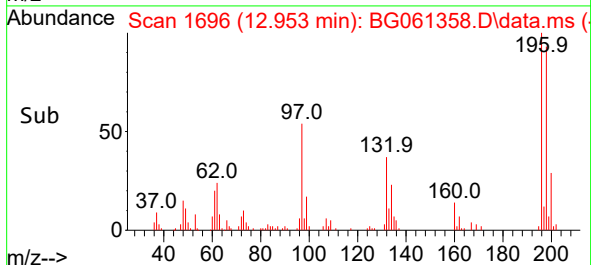
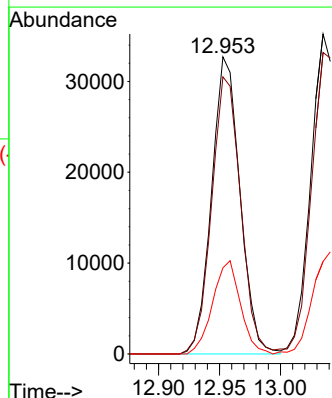
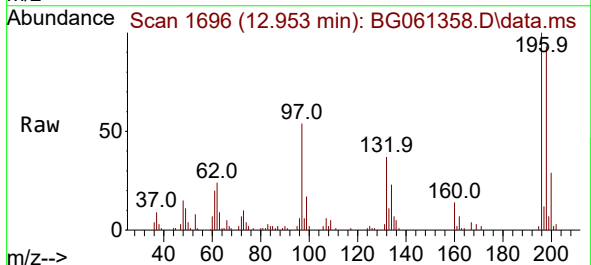
Tgt Ion:196 Resp: 53078

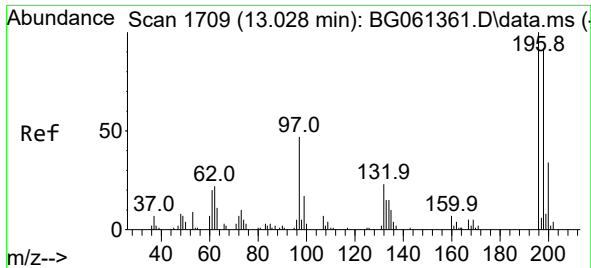
Ion Ratio Lower Upper

196 100

198 93.3 78.5 117.7

200 29.0 26.1 39.1





#42

2,4,5-Trichlorophenol

Concen: 38.098 ng/ul

RT: 13.035 min Scan# 1710

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

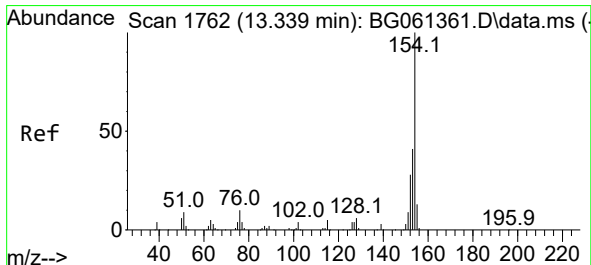
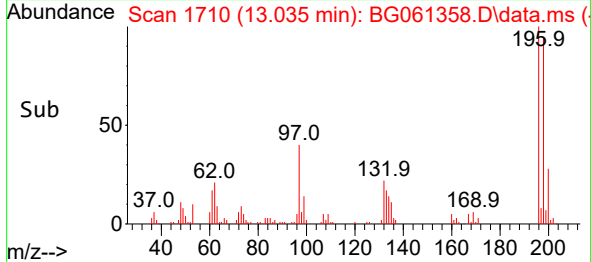
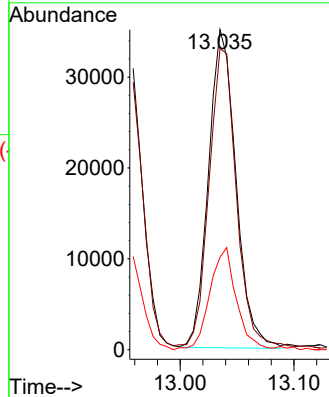
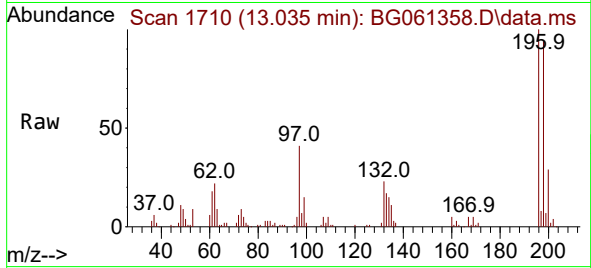
Tgt Ion:196 Resp: 58762

Ion Ratio Lower Upper

196 100

198 94.2 77.4 116.2

200 28.9 21.0 31.6



#43

1,1'-Biphenyl

Concen: 35.019 ng/ul

RT: 13.346 min Scan# 1763

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

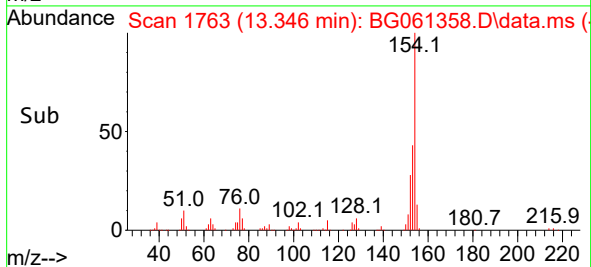
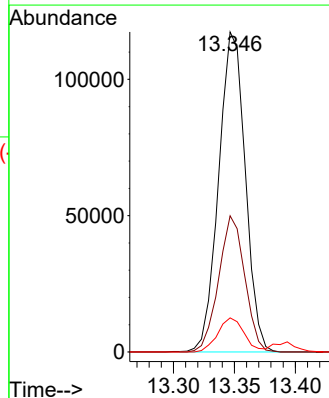
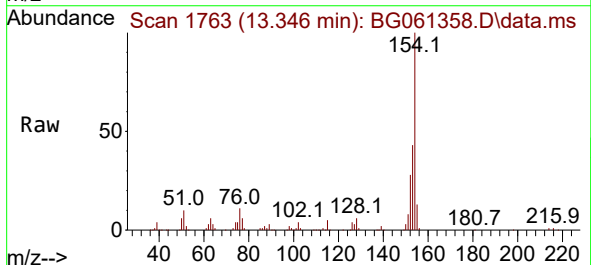
Tgt Ion:154 Resp: 178341

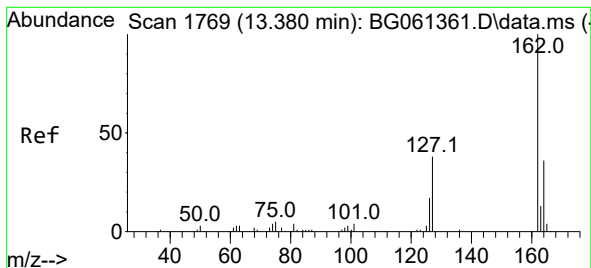
Ion Ratio Lower Upper

154 100

153 42.5 31.2 46.8

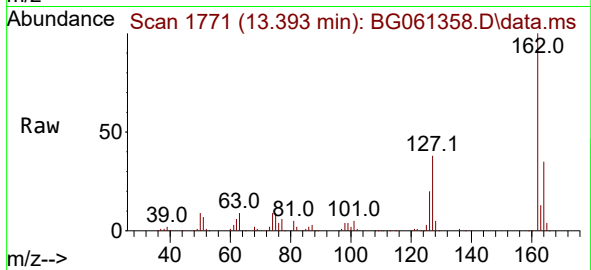
76 10.6 8.5 12.7



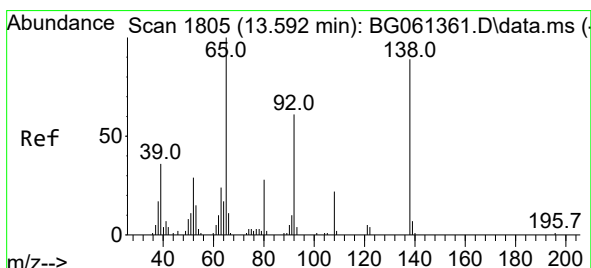
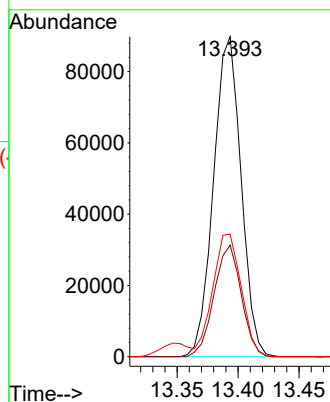
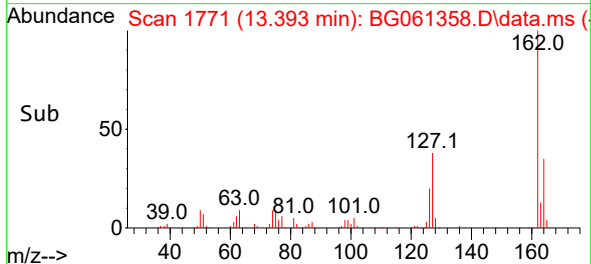


#44
2-Chloronaphthalene
Concen: 35.207 ng/ul
RT: 13.393 min Scan# 1771
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Instrument :
BNA_G
ClientSampleId :
SLCS157

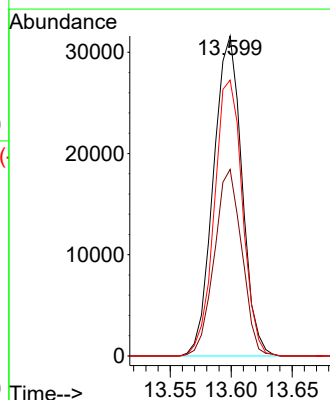
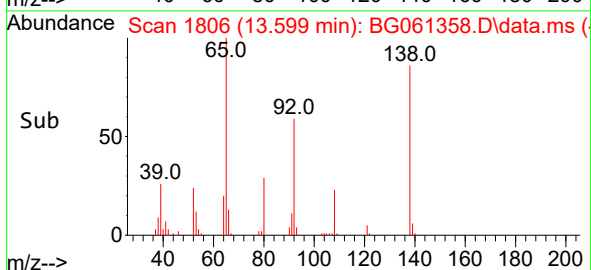
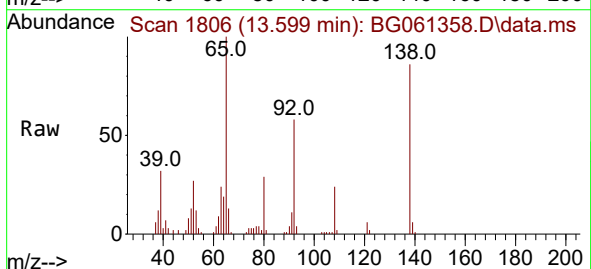


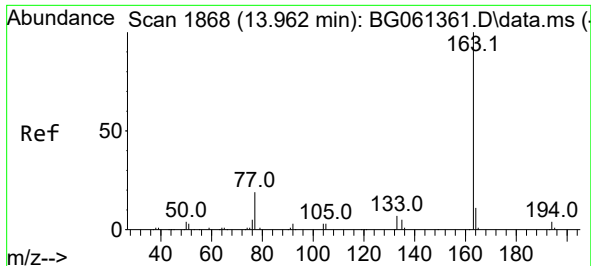
Tgt Ion:162 Resp: 141105
Ion Ratio Lower Upper
162 100
164 34.9 26.8 40.2
127 38.3 31.9 47.9



#45
2-Nitroaniline
Concen: 31.058 ng/ul
RT: 13.599 min Scan# 1806
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion: 65 Resp: 51374
Ion Ratio Lower Upper
65 100
92 58.3 46.2 69.4
138 86.2 65.0 97.6





#47

Dimethylphthalate

Concen: 29.814 ng/ul

RT: 13.969 min Scan# 1869

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

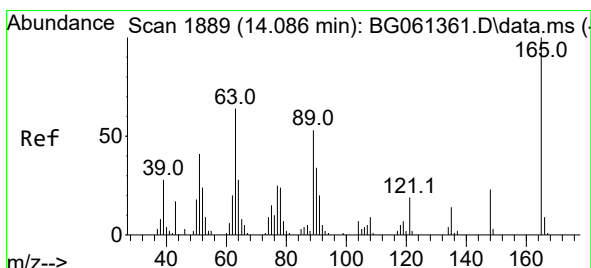
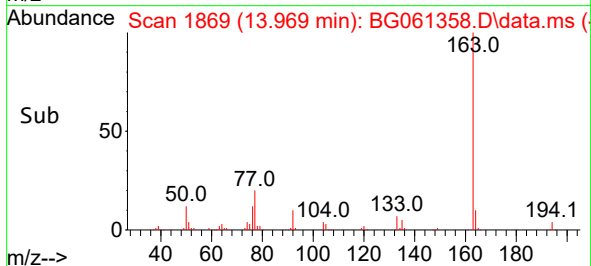
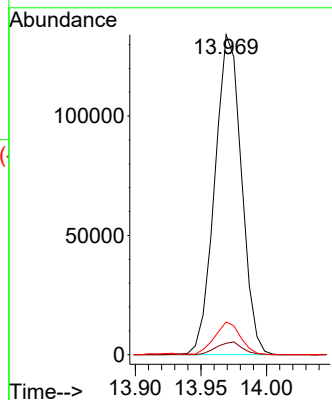
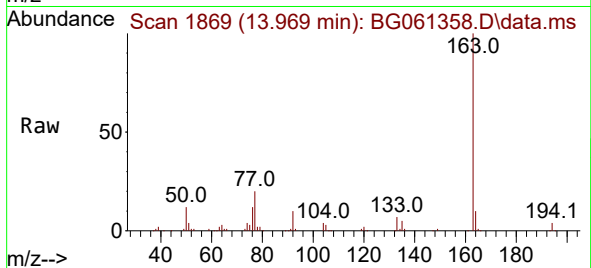
Tgt Ion:163 Resp: 189811

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

164 10.3 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 31.725 ng/ul

RT: 14.098 min Scan# 1891

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

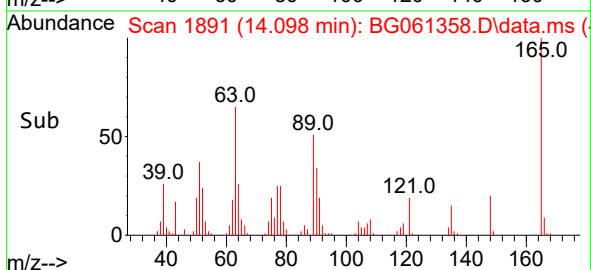
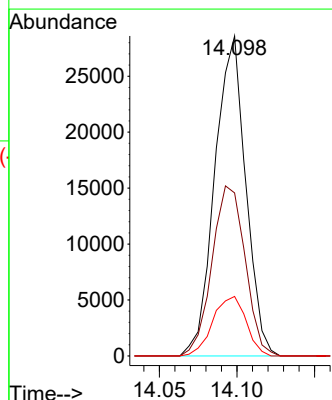
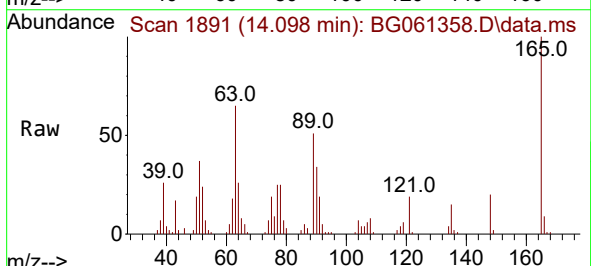
Tgt Ion:165 Resp: 39609

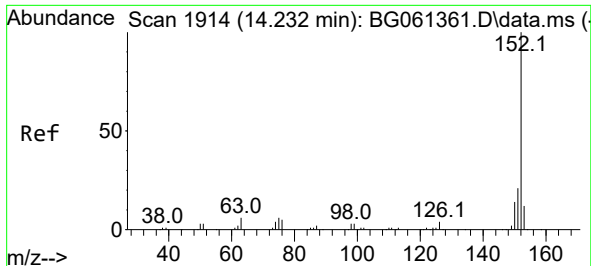
Ion Ratio Lower Upper

165 100

89 51.0 46.0 69.0

121 18.6 17.9 26.9

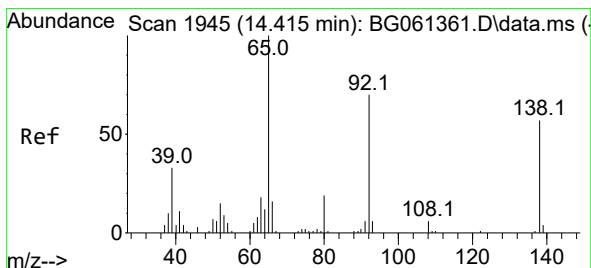
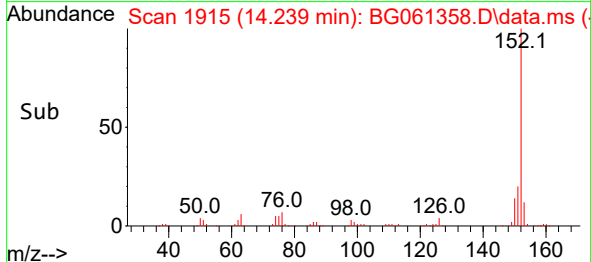
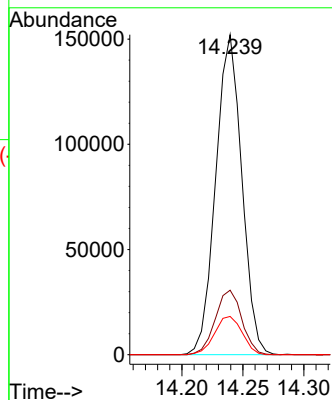
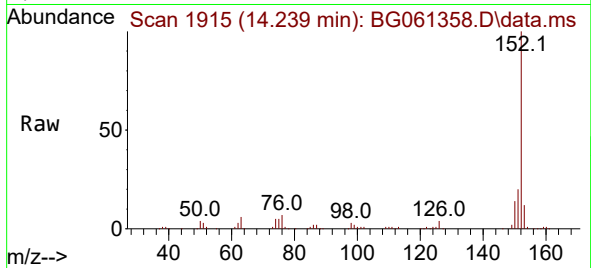




#50
Acenaphthylene
Concen: 32.158 ng/ul
RT: 14.239 min Scan# 1915
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

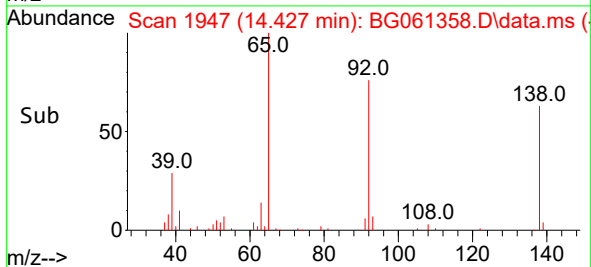
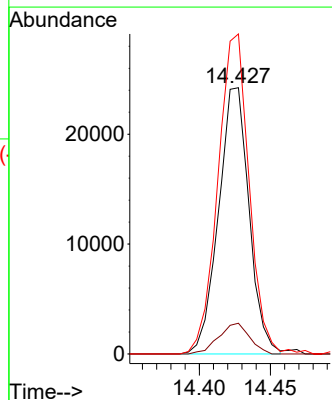
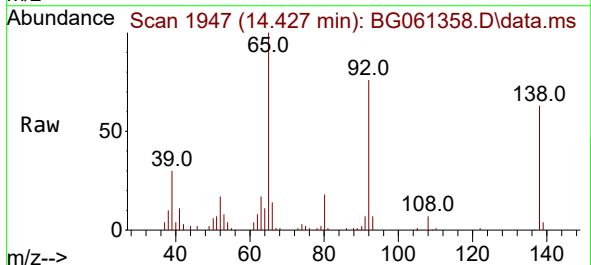
Instrument :
BNA_G
ClientSampleId :
SLCS157

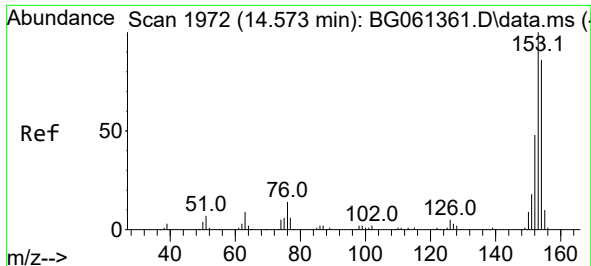
Tgt Ion:152 Resp: 226455
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 11.9 10.2 15.4



#51
3-Nitroaniline
Concen: 33.448 ng/ul
RT: 14.427 min Scan# 1947
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:138 Resp: 36241
Ion Ratio Lower Upper
138 100
108 11.5 10.1 15.1
92 120.2 97.6 146.4

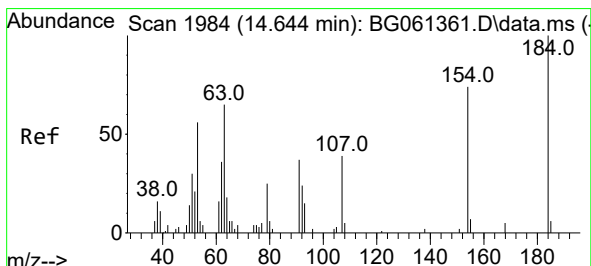
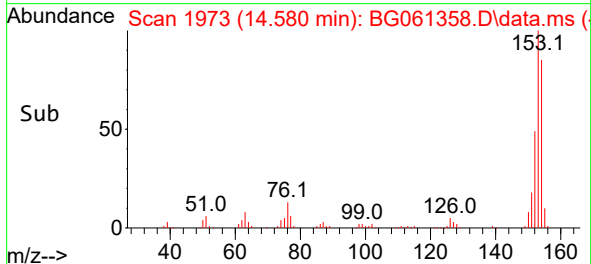
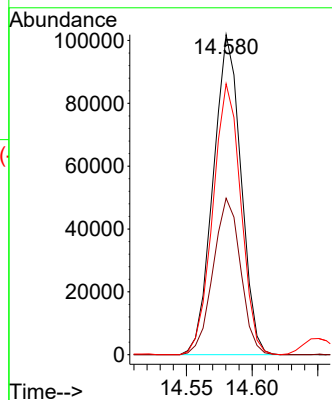
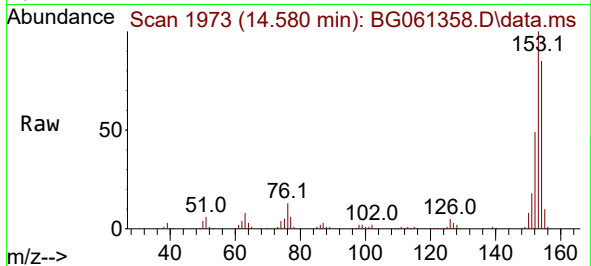




#52
Acenaphthene
Concen: 32.471 ng/ul
RT: 14.580 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

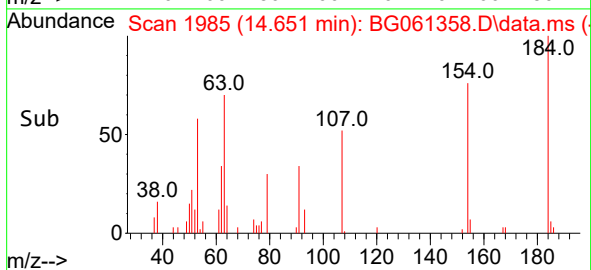
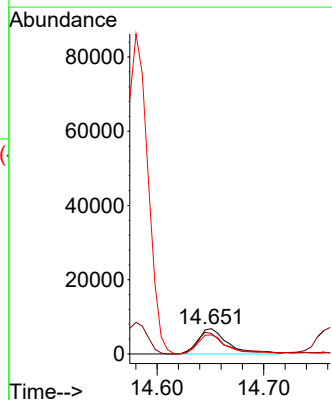
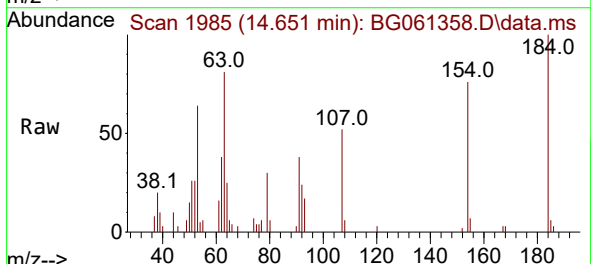
Instrument :
BNA_G
ClientSampleId :
SLCS157

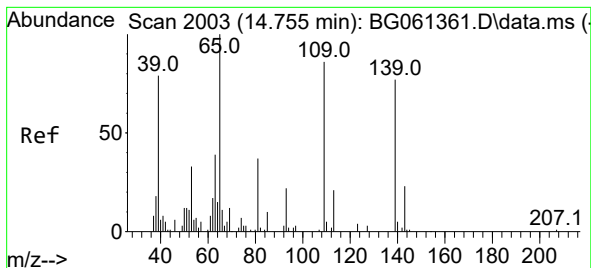
Tgt Ion:153 Resp: 149999
Ion Ratio Lower Upper
153 100
152 48.9 37.8 56.8
154 84.6 69.0 103.6



#53
2,4-Dinitrophenol
Concen: 19.940 ng/ul
RT: 14.651 min Scan# 1985
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:184 Resp: 13202
Ion Ratio Lower Upper
184 100
63 81.4 61.3 91.9
154 75.6 55.0 82.4

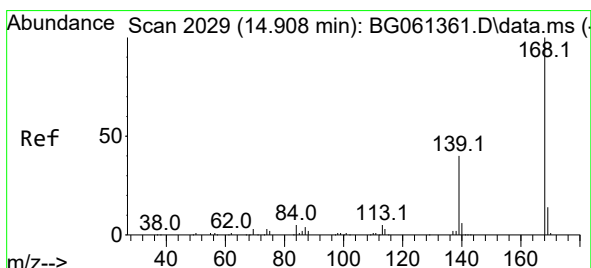
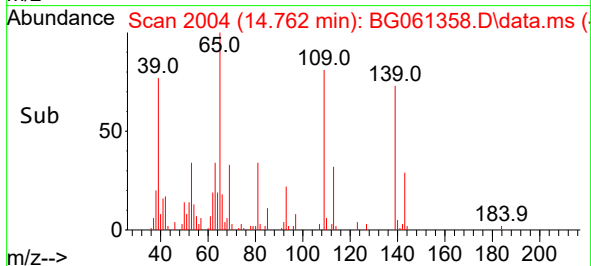
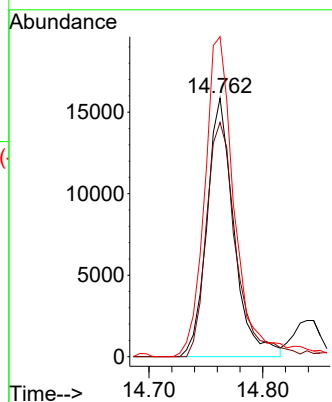
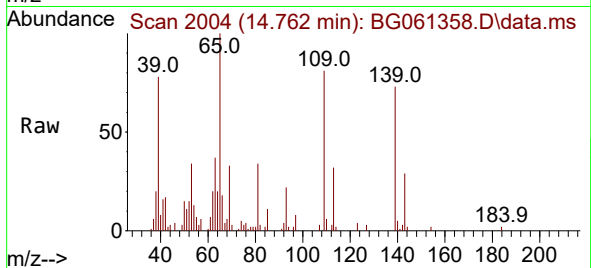




#55
4-Nitrophenol
Concen: 29.438 ng/ul
RT: 14.762 min Scan# 2004
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

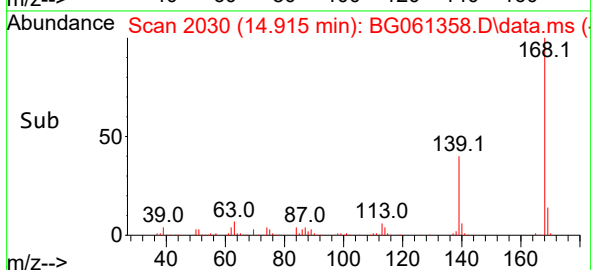
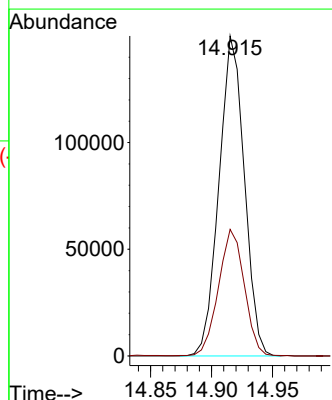
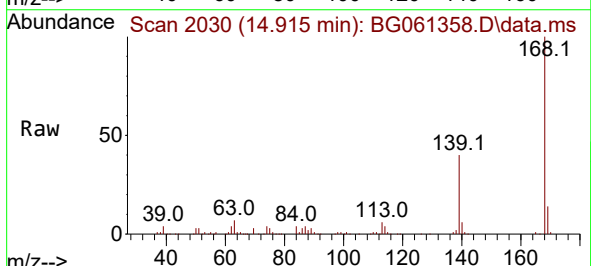
Instrument :
BNA_G
ClientSampleId :
SLCS157

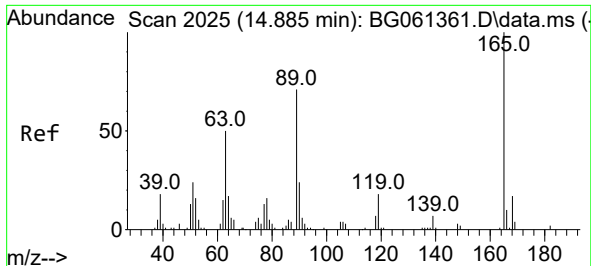
Tgt Ion:109 Resp: 26138
Ion Ratio Lower Upper
109 100
139 90.6 74.9 112.3
65 123.7 104.0 156.0



#56
Dibenzofuran
Concen: 32.854 ng/ul
RT: 14.915 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:168 Resp: 216998
Ion Ratio Lower Upper
168 100
139 39.5 33.4 50.2

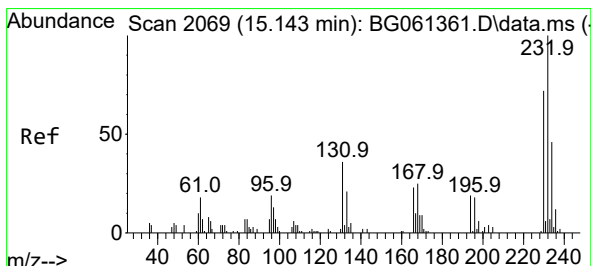
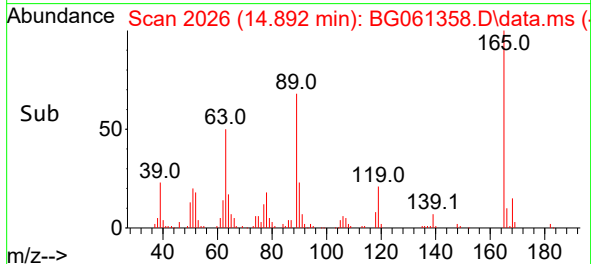
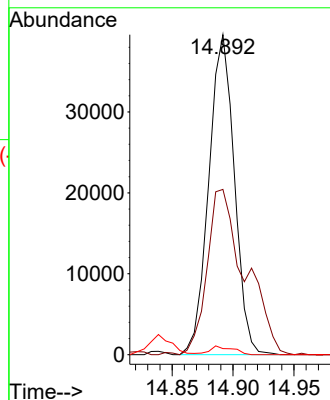
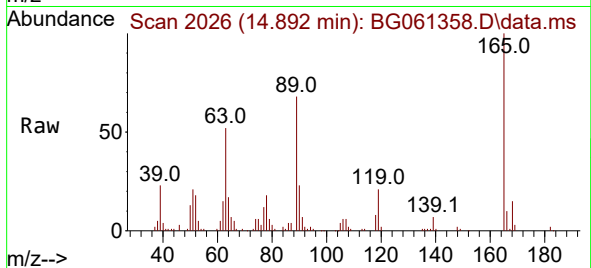




#57
2,4-Dinitrotoluene
Concen: 30.392 ng/ul
RT: 14.892 min Scan# 2071
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

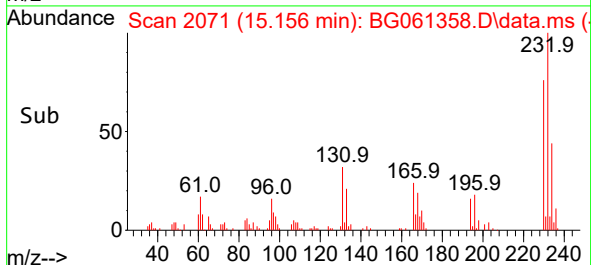
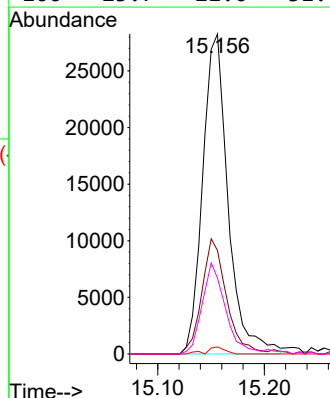
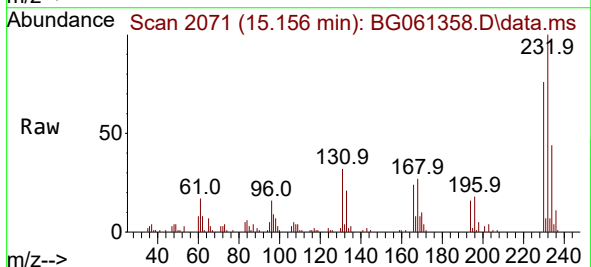
Instrument :
BNA_G
ClientSampleId :
SLCS157

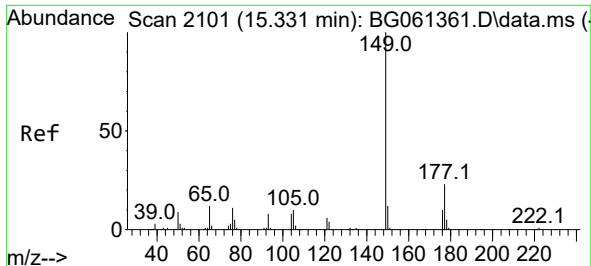
Tgt Ion:165 Resp: 57731
Ion Ratio Lower Upper
165 100
63 51.7 43.4 65.2
182 1.9 2.0 3.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.299 ng/ul
RT: 15.156 min Scan# 2071
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:232 Resp: 46843
Ion Ratio Lower Upper
232 100
131 32.4 30.2 45.2
130 2.2 1.8 2.6
166 23.7 21.0 31.6

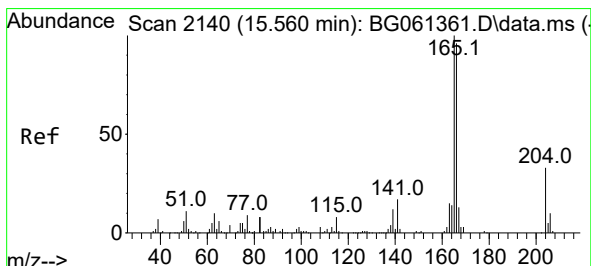
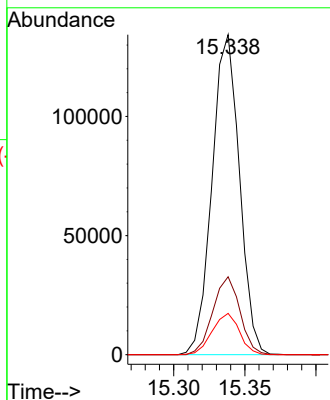
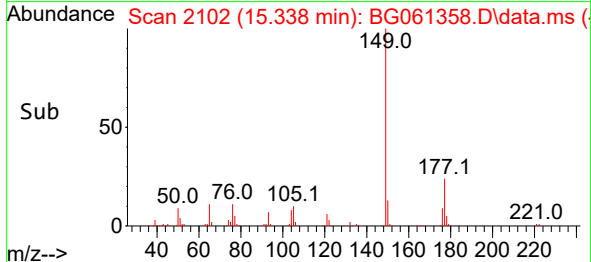
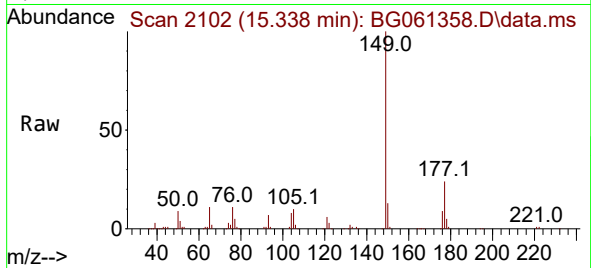




#59
Diethylphthalate
Concen: 28.633 ng/ul
RT: 15.338 min Scan# 2101
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

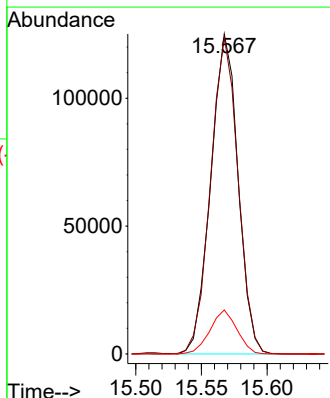
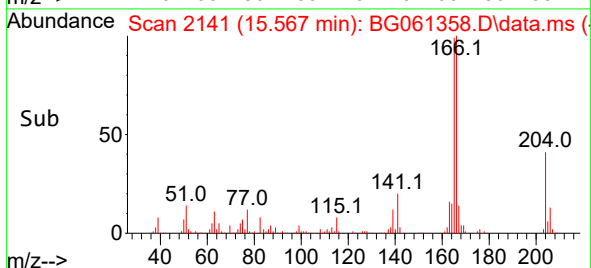
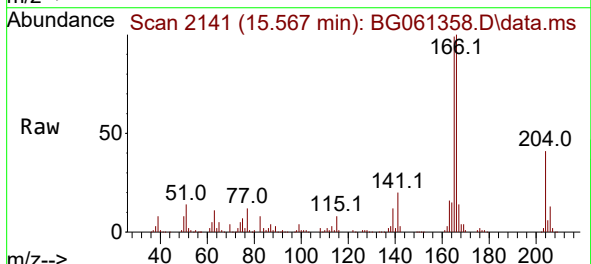
Instrument :
BNA_G
ClientSampleId :
SLCS157

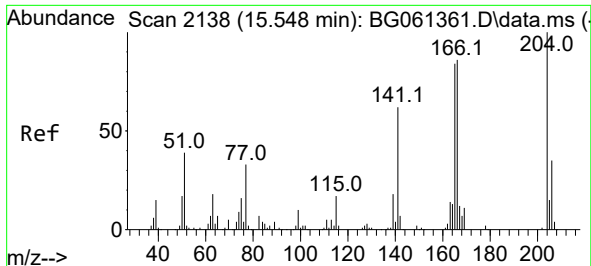
Tgt Ion:149 Resp: 180013
Ion Ratio Lower Upper
149 100
177 24.4 19.1 28.7
150 12.9 11.0 16.4



#61
Fluorene
Concen: 31.602 ng/ul
RT: 15.567 min Scan# 2141
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:166 Resp: 180598
Ion Ratio Lower Upper
166 100
165 99.1 81.8 122.8
167 13.8 10.6 16.0





#62

4-Chlorophenyl-phenylether

Concen: 31.247 ng/ul

RT: 15.561 min Scan# 2140

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

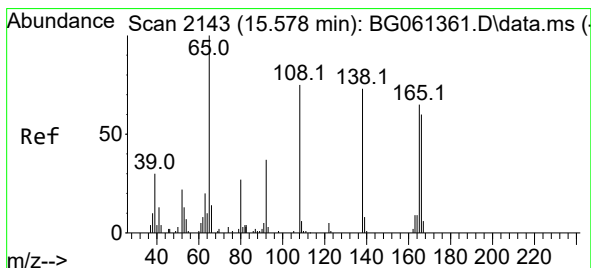
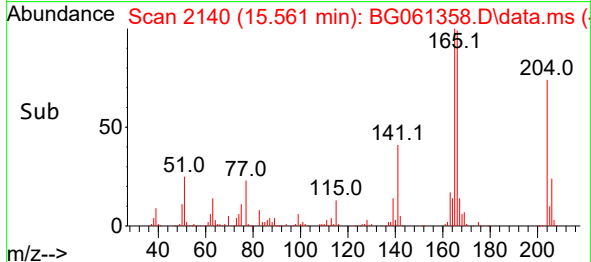
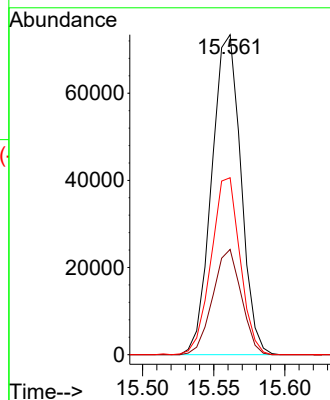
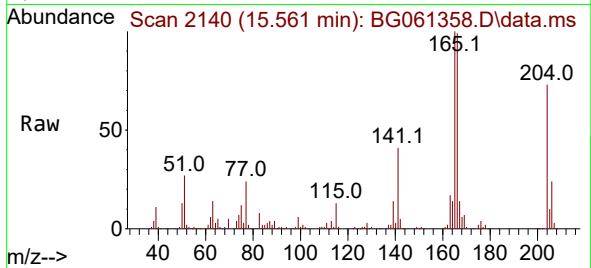
Tgt Ion:204 Resp: 104726

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

141 55.3 43.0 64.6



#63

4-Nitroaniline

Concen: 34.608 ng/ul

RT: 15.591 min Scan# 2145

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

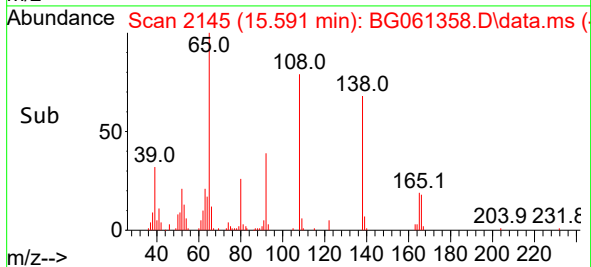
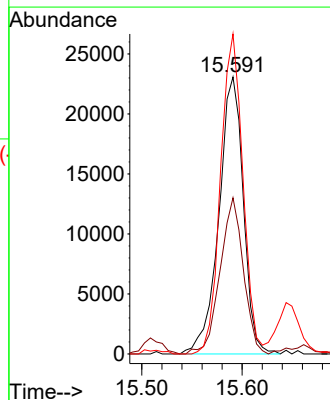
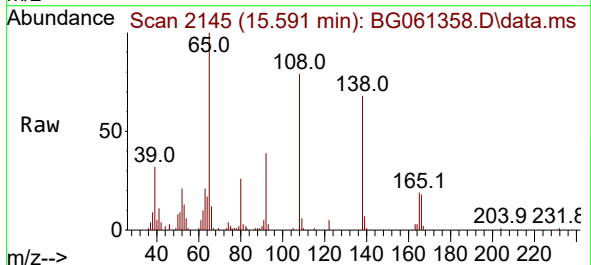
Tgt Ion:138 Resp: 39056

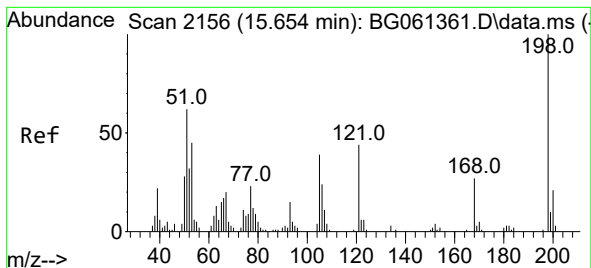
Ion Ratio Lower Upper

138 100

92 56.4 48.6 73.0

108 115.5 95.5 143.3

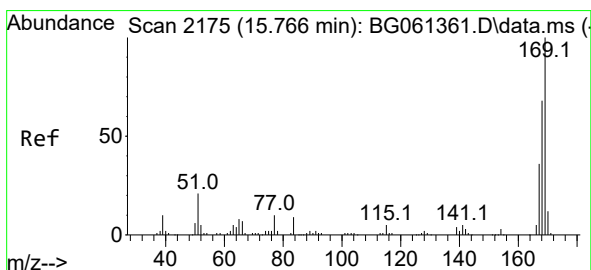
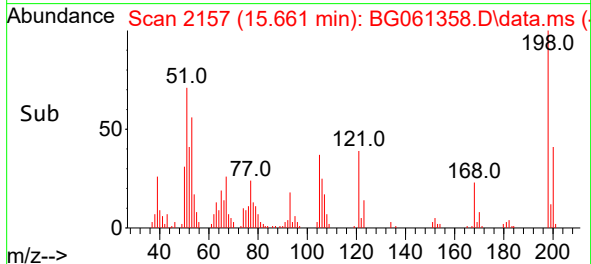
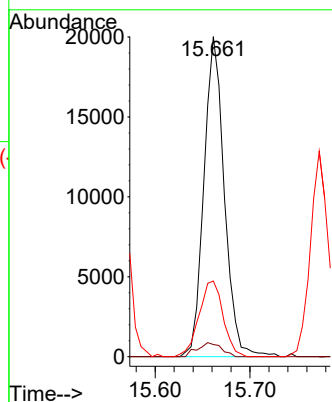
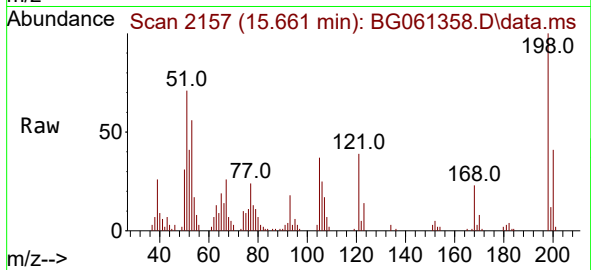




#66
 4,6-Dinitro-2-methylphenol
 Concen: 26.354 ng/ul
 RT: 15.661 min Scan# 2157
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

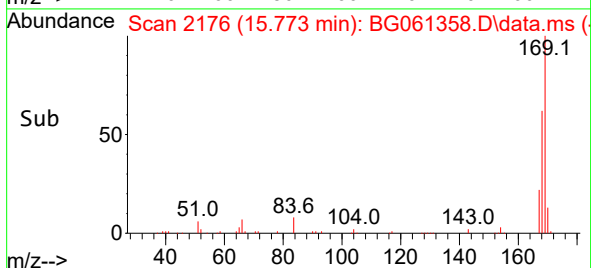
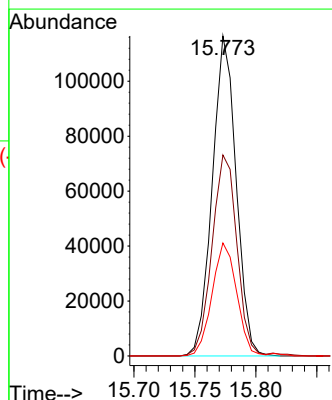
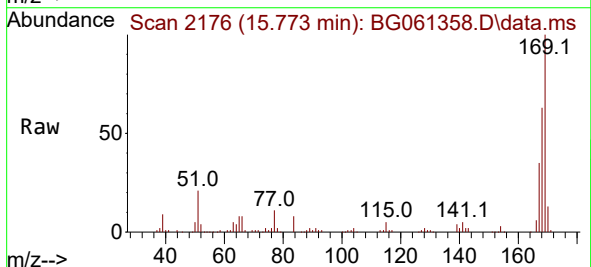
Instrument :
 BNA_G
 ClientSampleId :
 SLCS157

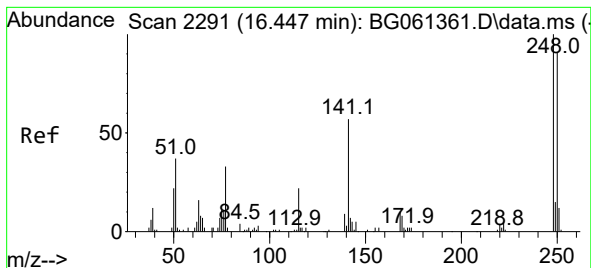
Tgt Ion:198 Resp: 29910
 Ion Ratio Lower Upper
 198 100
 182 3.8 2.9 4.3
 77 23.6 22.3 33.5



#67
 N-Nitrosodiphenylamine
 Concen: 35.198 ng/ul
 RT: 15.773 min Scan# 2176
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

Tgt Ion:169 Resp: 158402
 Ion Ratio Lower Upper
 169 100
 168 62.8 51.9 77.9
 167 35.3 29.4 44.2

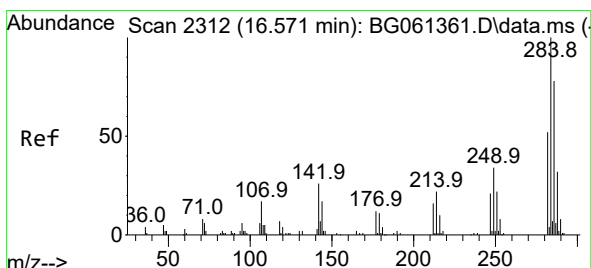
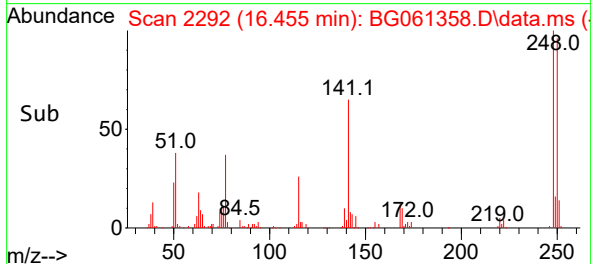
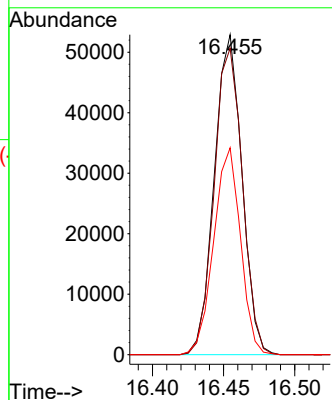
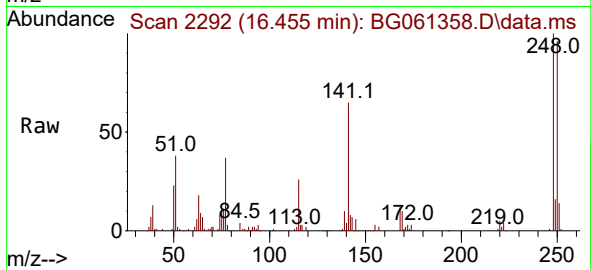




#68
4-Bromophenyl-phenylether
Concen: 33.736 ng/ul
RT: 16.455 min Scan# 211
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

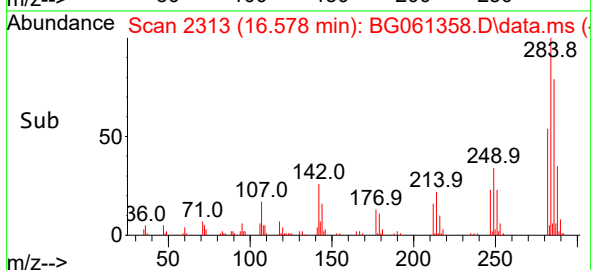
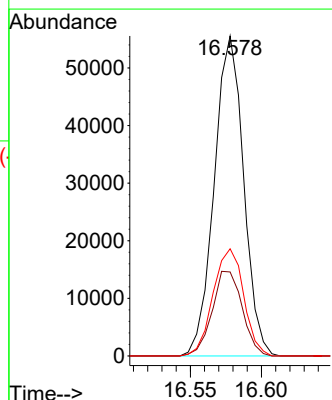
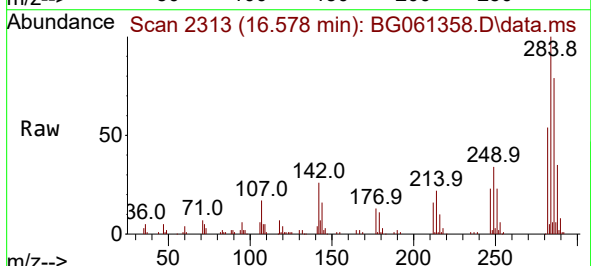
Instrument :
BNA_G
ClientSampleId :
SLCS157

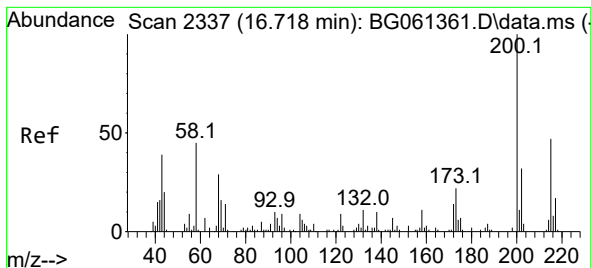
Tgt Ion:248 Resp: 71573
Ion Ratio Lower Upper
248 100
250 95.8 79.4 119.2
141 64.6 50.2 75.4



#69
Hexachlorobenzene
Concen: 33.846 ng/ul
RT: 16.578 min Scan# 2313
Delta R.T. 0.007 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:284 Resp: 79815
Ion Ratio Lower Upper
284 100
142 26.2 21.2 31.8
249 33.5 28.7 43.1





#70

Atrazine

Concen: 32.625 ng/ul

RT: 16.725 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

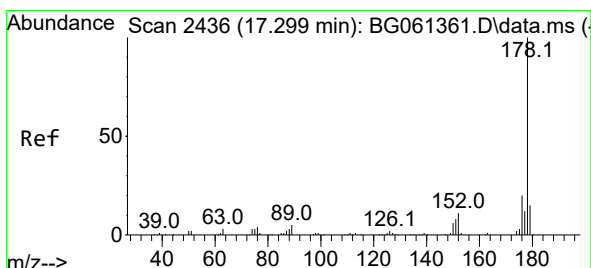
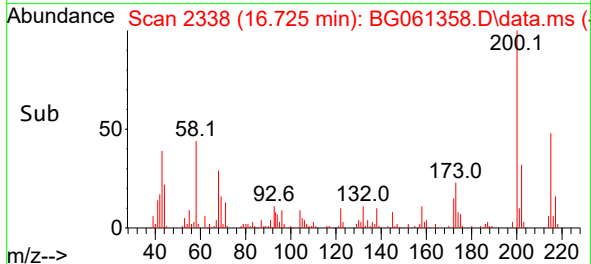
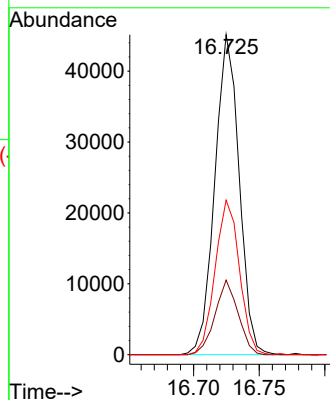
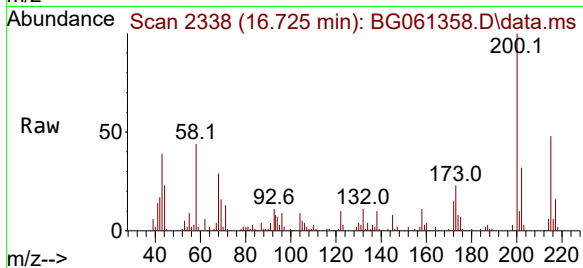
Tgt Ion:200 Resp: 58105

Ion Ratio Lower Upper

200 100

173 23.3 15.9 23.9

215 48.3 37.3 55.9



#72

Phenanthrene

Concen: 33.048 ng/ul

RT: 17.306 min Scan# 2437

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

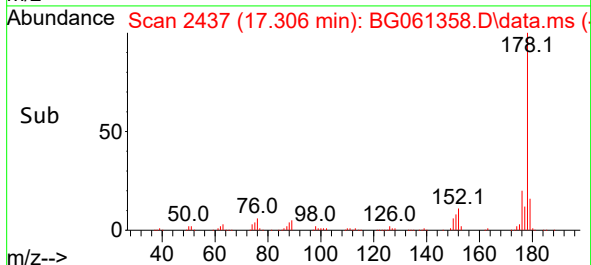
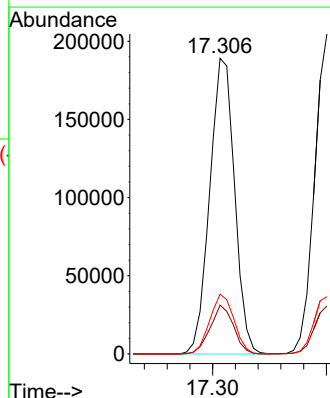
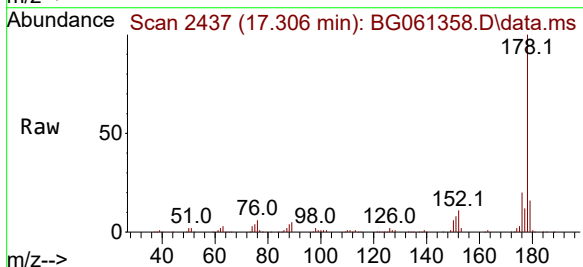
Tgt Ion:178 Resp: 287205

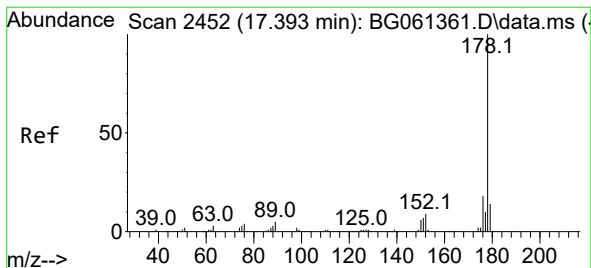
Ion Ratio Lower Upper

178 100

179 16.5 12.7 19.1

176 20.2 15.5 23.3





#74

Anthracene

Concen: 31.539 ng/uI

RT: 17.400 min Scan# 24

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

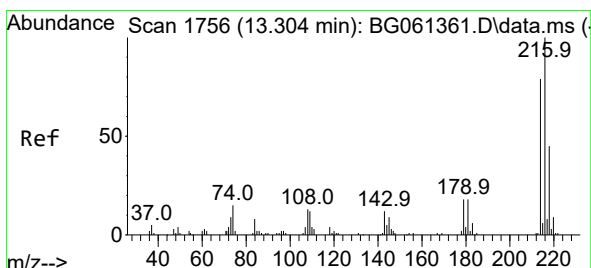
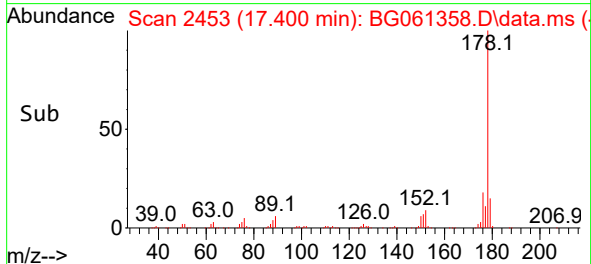
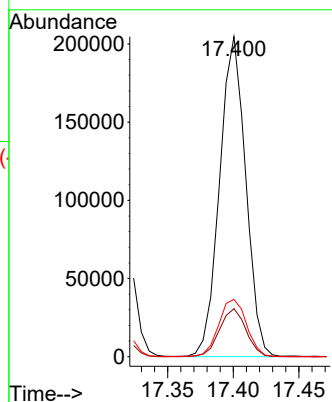
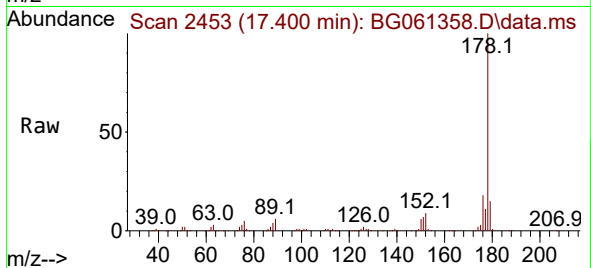
Tgt Ion:178 Resp: 283401

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.6

176 17.9 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.453 ng/uI

RT: 13.317 min Scan# 1758

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

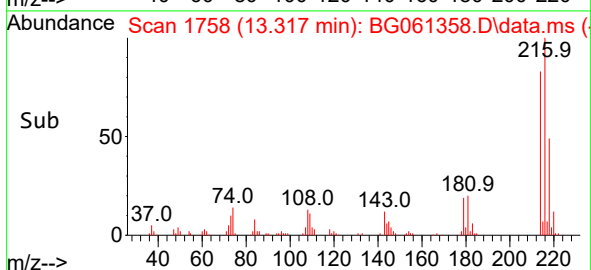
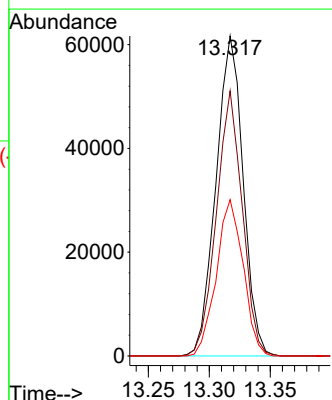
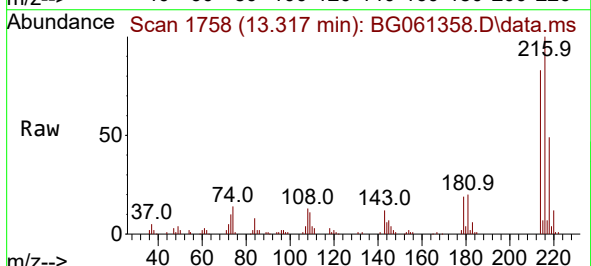
Tgt Ion:216 Resp: 95745

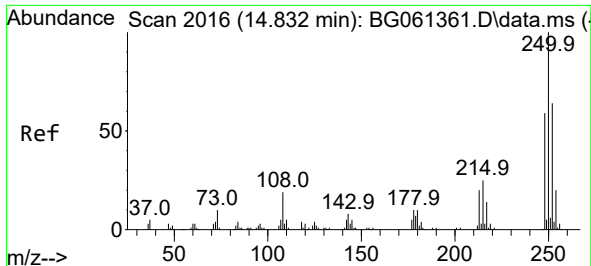
Ion Ratio Lower Upper

216 100

214 82.8 60.0 90.0

218 48.8 38.5 57.7

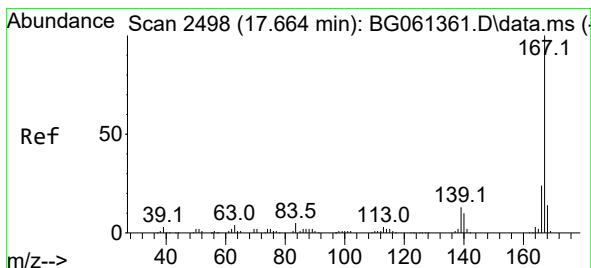
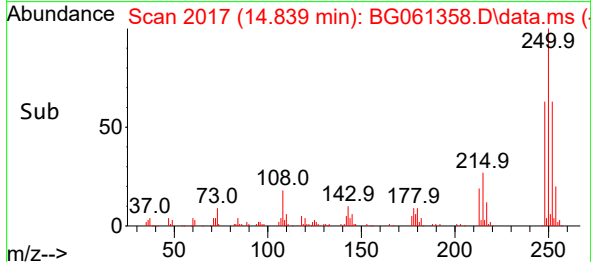
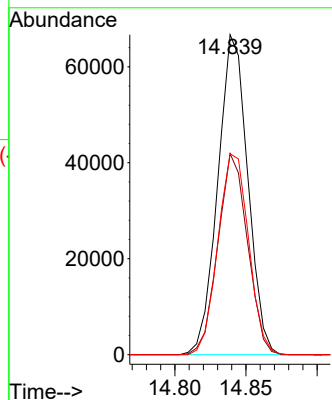
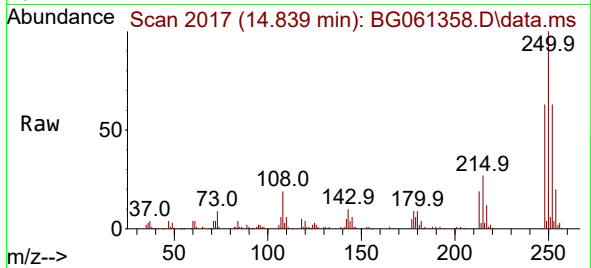




#76
 Pentachlorobenzene
 Concen: 37.358 ng/uL
 RT: 14.839 min Scan# 2016
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

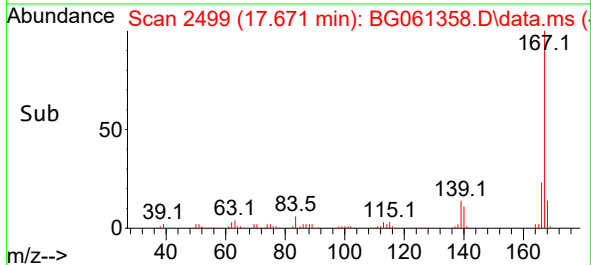
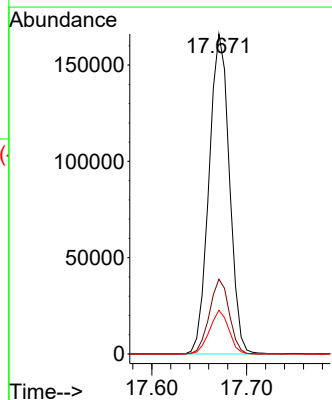
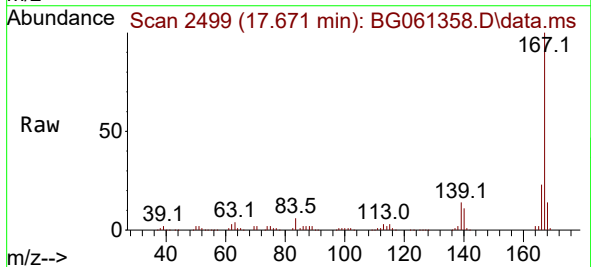
Instrument :
 BNA_G
 ClientSampleId :
 SLCS157

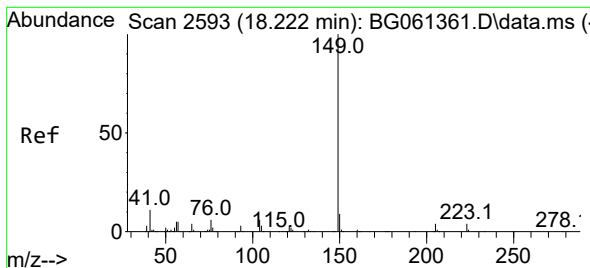
Tgt Ion:250 Resp: 97758
 Ion Ratio Lower Upper
 250 100
 248 62.8 52.6 79.0
 252 62.8 54.7 82.1



#77
 Carbazole
 Concen: 33.909 ng/uL
 RT: 17.671 min Scan# 2499
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

Tgt Ion:167 Resp: 247832
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 28.0
 139 13.7 10.6 15.8





#78

Di-n-butylphthalate

Concen: 32.416 ng/ul

RT: 18.229 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

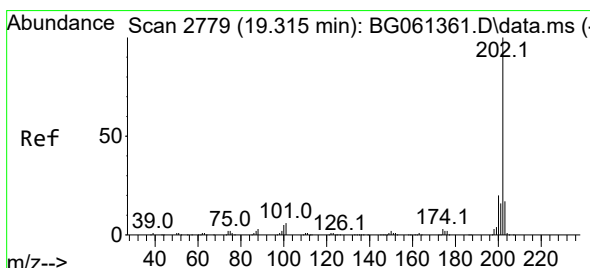
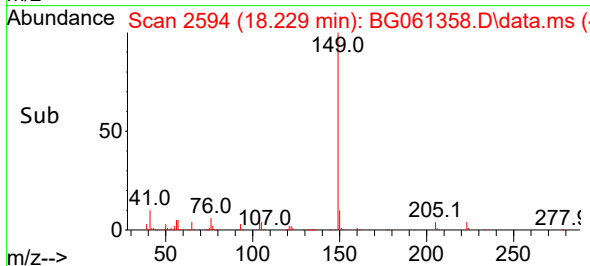
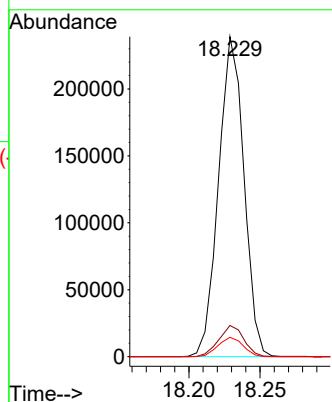
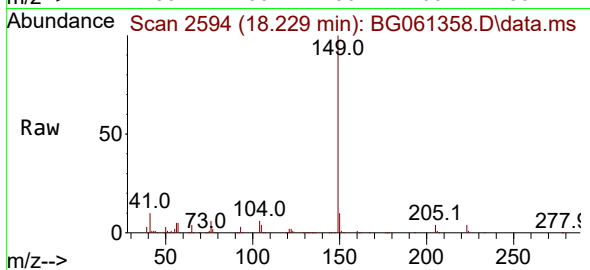
Tgt Ion:149 Resp: 296859

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 6.0 4.8 7.2



#80

Fluoranthene

Concen: 31.819 ng/ul

RT: 19.322 min Scan# 2780

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

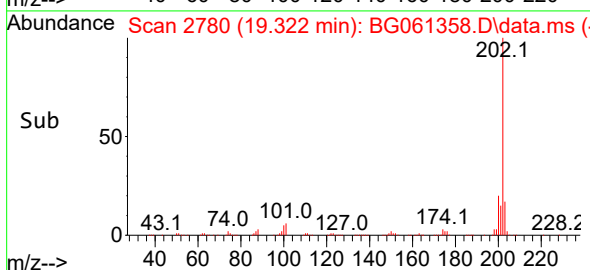
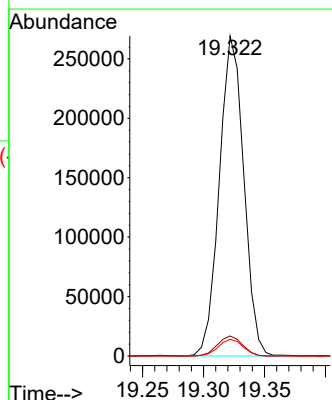
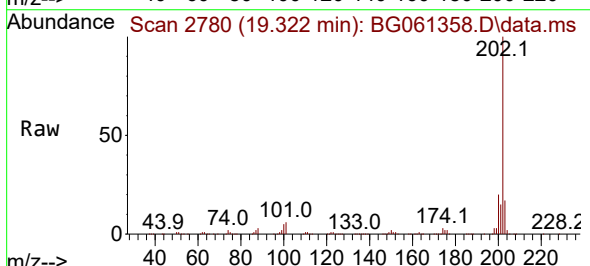
Tgt Ion:202 Resp: 375363

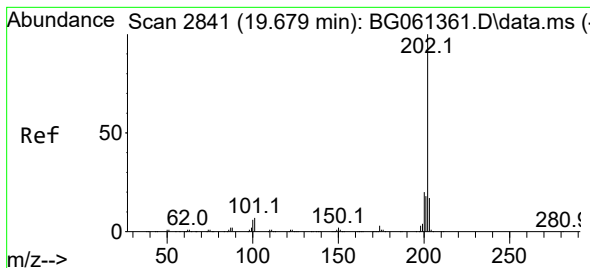
Ion Ratio Lower Upper

202 100

101 6.3 4.8 7.2

100 5.2 4.1 6.1





#82

Pyrene

Concen: 32.469 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

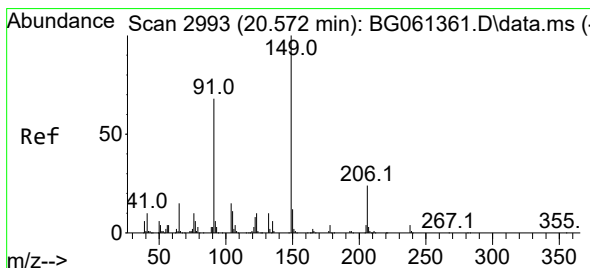
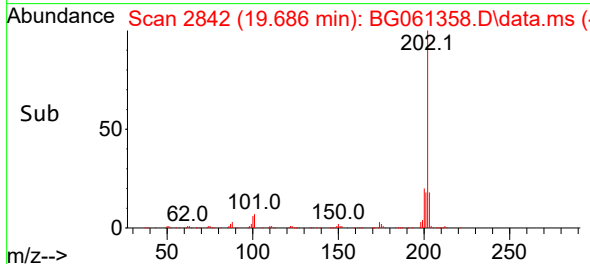
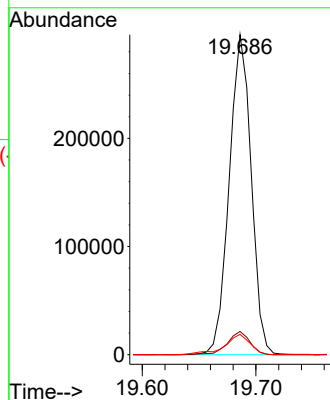
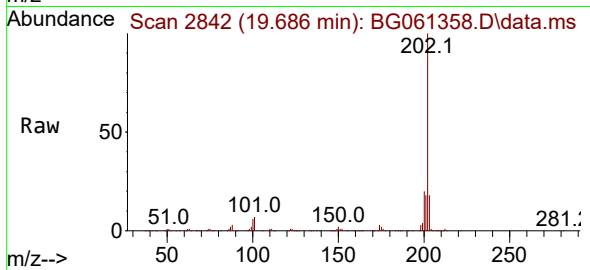
Tgt Ion:202 Resp: 397580

Ion Ratio Lower Upper

202 100

101 7.2 5.7 8.5

100 6.3 5.1 7.7



#83

Butylbenzylphthalate

Concen: 33.646 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. 0.001 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

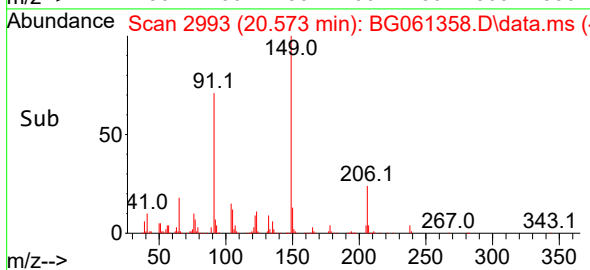
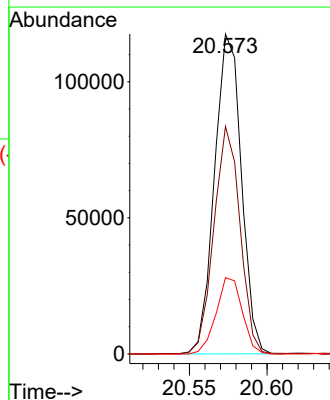
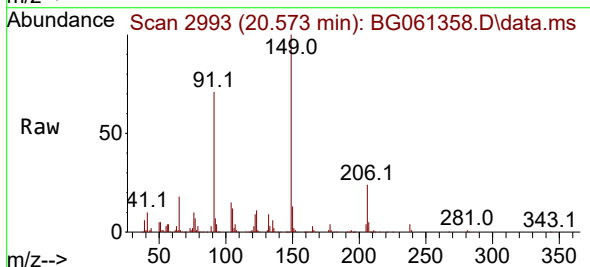
Tgt Ion:149 Resp: 141534

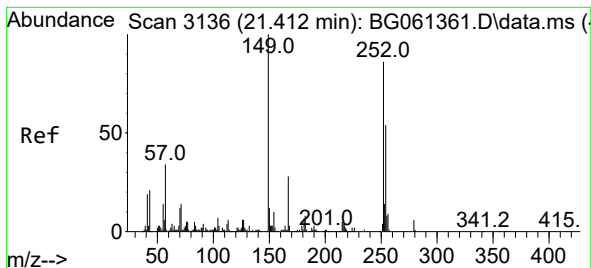
Ion Ratio Lower Upper

149 100

91 71.1 54.8 82.2

206 23.9 19.4 29.0





#84

3,3'-Dichlorobenzidine

Concen: 36.171 ng/ul

RT: 21.413 min Scan# 3136

Delta R.T. 0.001 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

Instrument :

BNA_G

ClientSampleId :

SLCS157

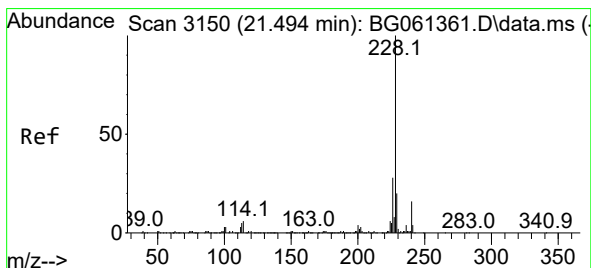
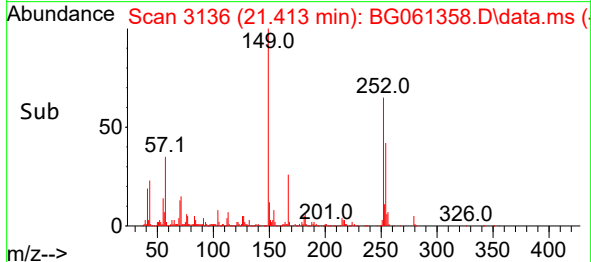
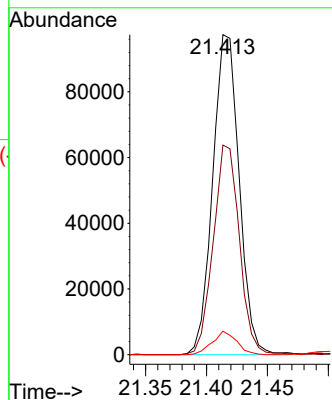
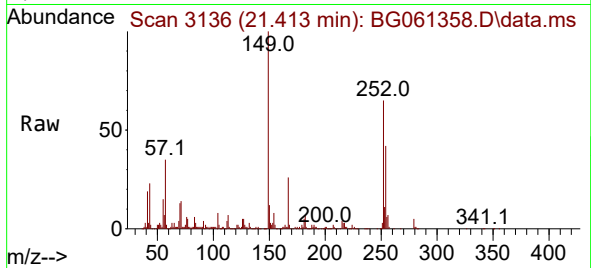
Tgt Ion:252 Resp: 147044

Ion Ratio Lower Upper

252 100

254 65.5 52.7 79.1

126 7.4 5.0 7.6



#85

Benzo(a)anthracene

Concen: 32.816 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

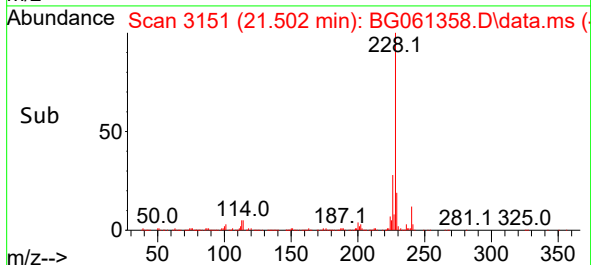
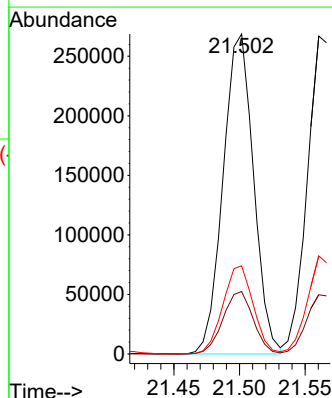
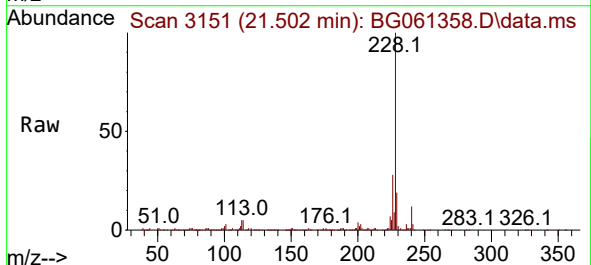
Tgt Ion:228 Resp: 433655

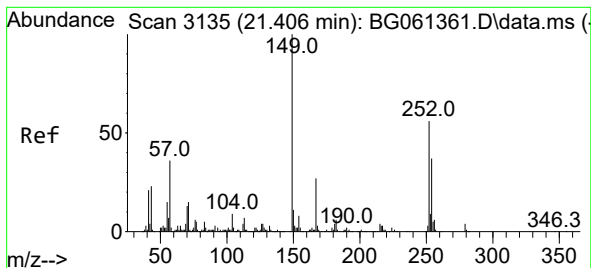
Ion Ratio Lower Upper

228 100

229 19.5 15.2 22.8

226 27.6 21.4 32.2

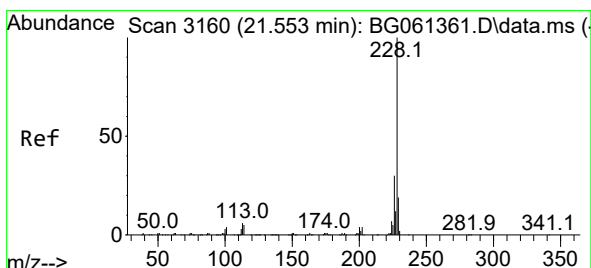
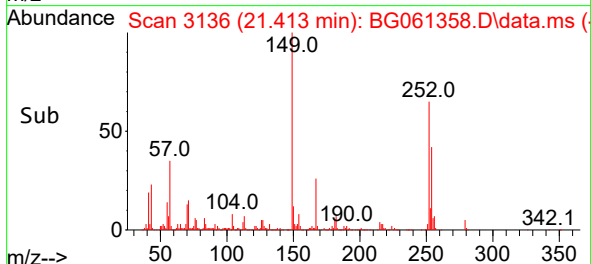
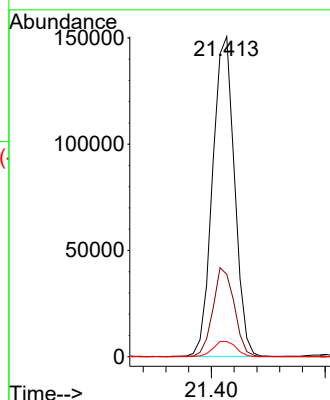
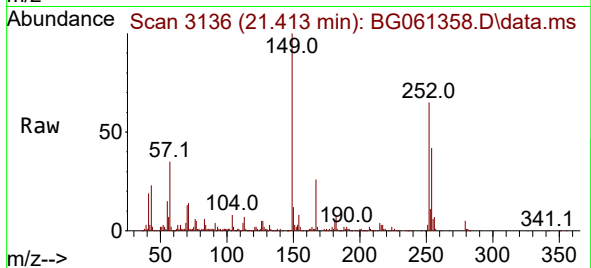




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 32.325 ng/ul
 RT: 21.413 min Scan# 3136
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

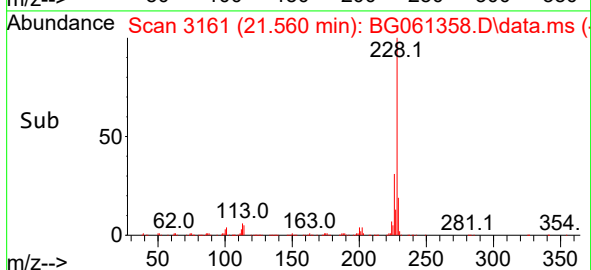
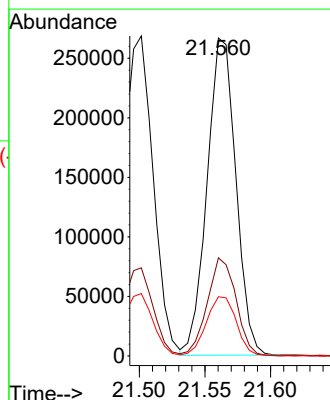
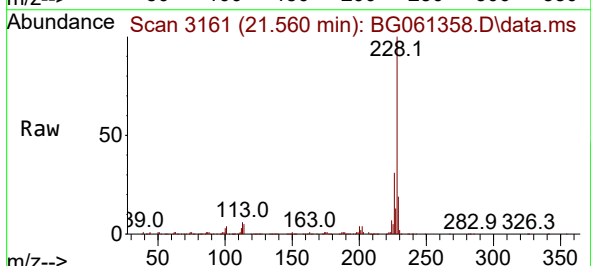
Instrument :
 BNA_G
 ClientSampleId :
 SLCS157

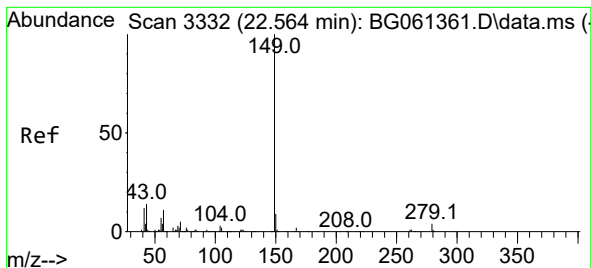
Tgt Ion:149 Resp: 201273
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.1 31.7
 279 4.7 3.3 4.9



#87
 Chrysene
 Concen: 33.439 ng/ul
 RT: 21.560 min Scan# 3161
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

Tgt Ion:228 Resp: 406892
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.4 35.0
 229 18.6 15.4 23.2





#89

Di-n-octyl phthalate

Concen: 34.428 ng/ul

RT: 22.571 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

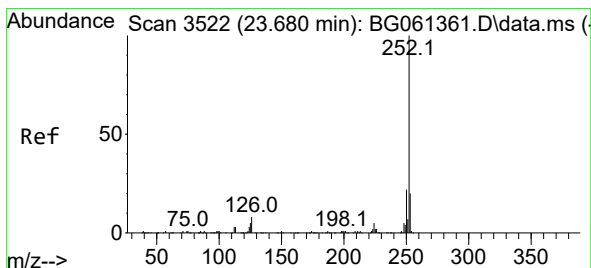
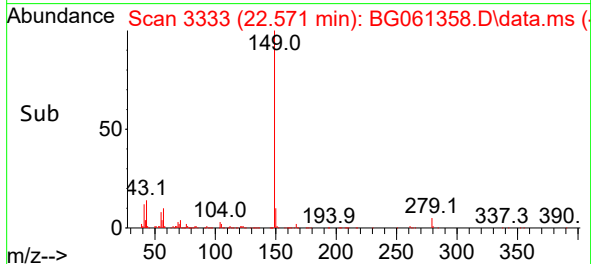
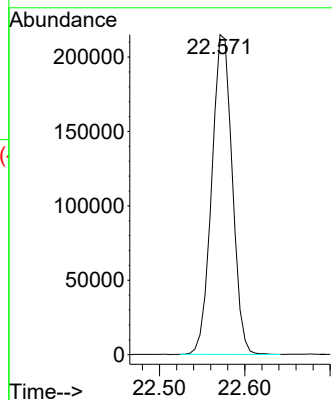
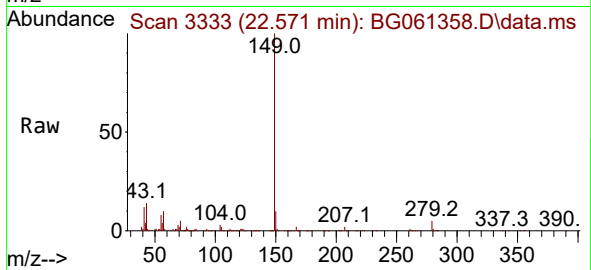
Instrument :

BNA_G

ClientSampleId :

SLCS157

Tgt Ion:149 Resp: 358965



#90

Benzo(b)fluoranthene

Concen: 33.229 ng/ul

RT: 23.628 min Scan# 3513

Delta R.T. 0.013 min

Lab File: BG061358.D

Acq: 30 May 2024 11:48

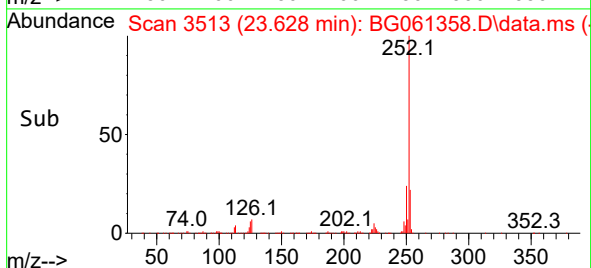
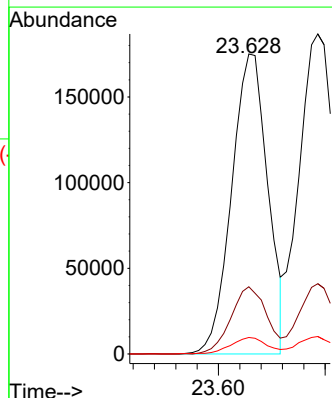
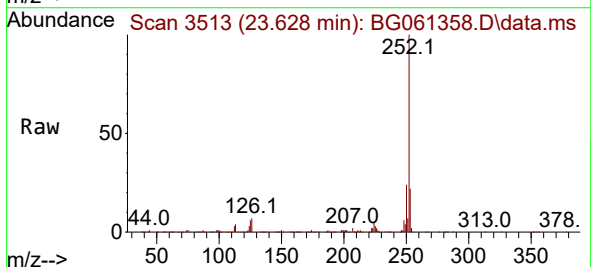
Tgt Ion:252 Resp: 412325

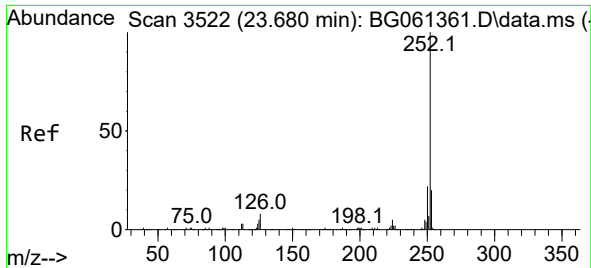
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 5.5 4.6 6.8

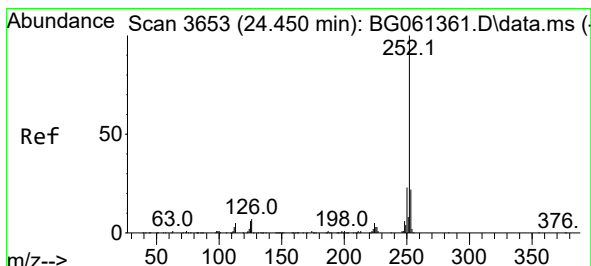
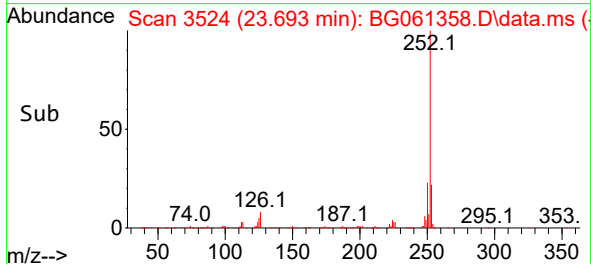
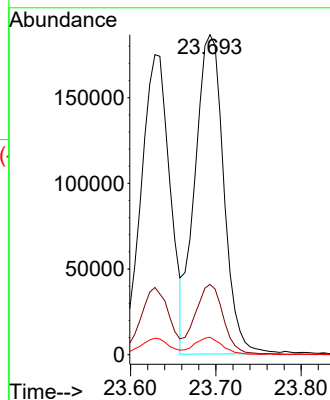
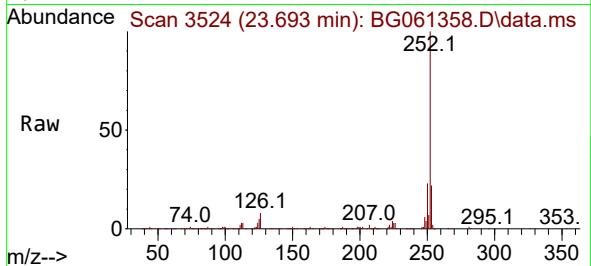




#91
Benzo(k)fluoranthene
Concen: 34.775 ng/ul
RT: 23.693 min Scan# 3524
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

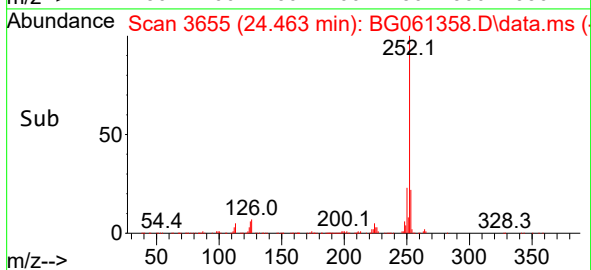
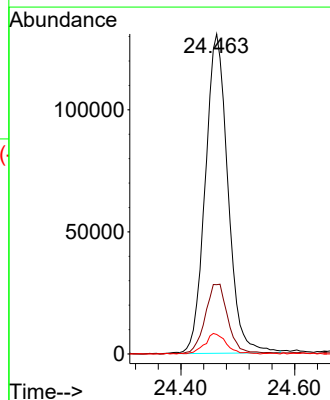
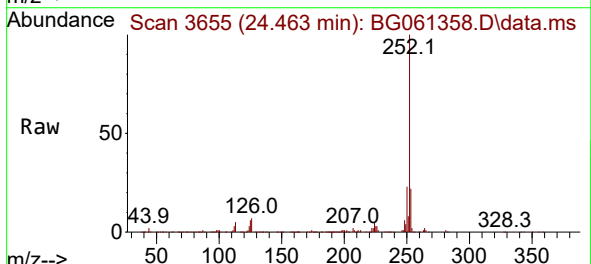
Instrument :
BNA_G
ClientSampleId :
SLCS157

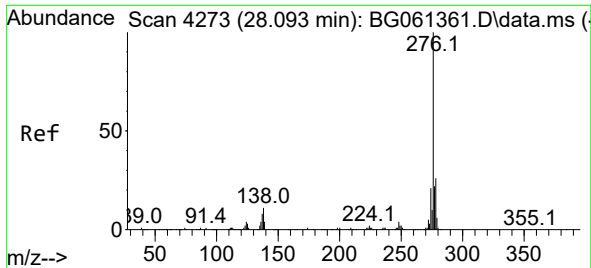
Tgt Ion:252 Resp: 438057
Ion Ratio Lower Upper
252 100
253 21.9 16.0 24.0
125 5.5 4.3 6.5



#93
Benzo(a)pyrene
Concen: 30.637 ng/ul
RT: 24.463 min Scan# 3655
Delta R.T. 0.013 min
Lab File: BG061358.D
Acq: 30 May 2024 11:48

Tgt Ion:252 Resp: 360993
Ion Ratio Lower Upper
252 100
253 21.7 16.4 24.6
125 6.1 4.3 6.5

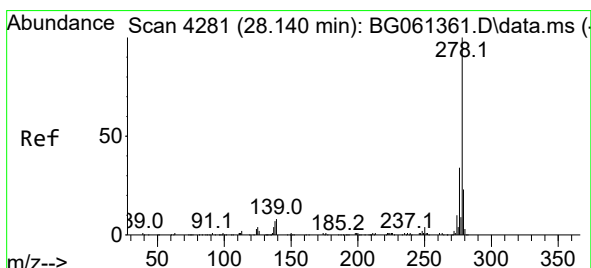
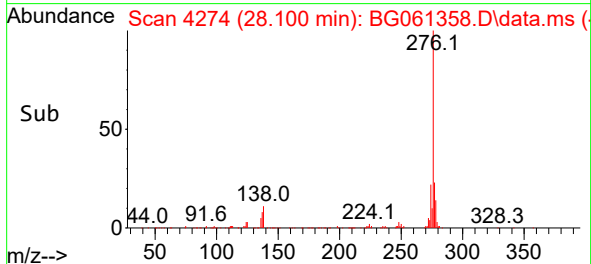
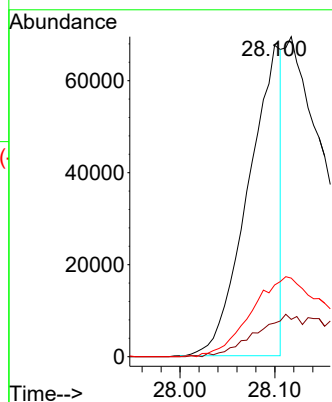
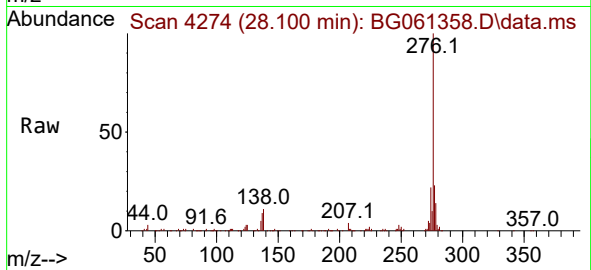




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 11.538 ng/ul
 RT: 28.100 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

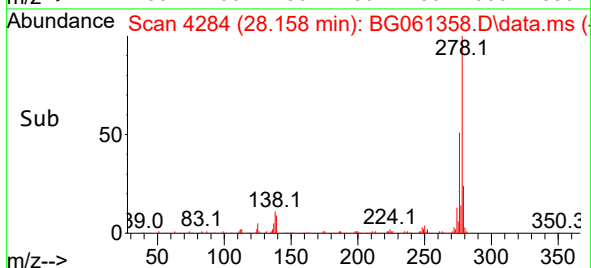
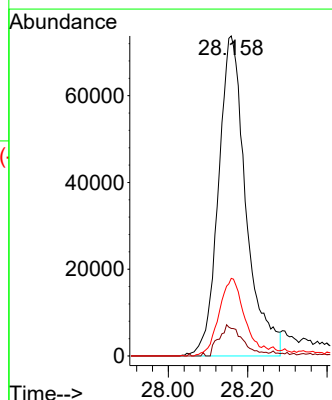
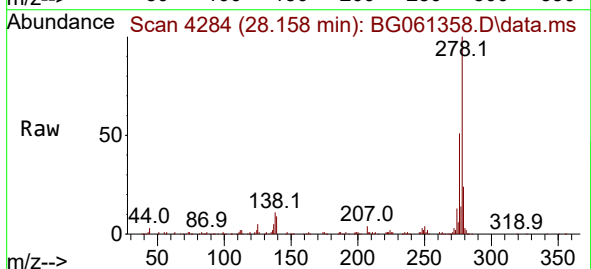
Instrument :
 BNA_G
 ClientSampleId :
 SLCS157

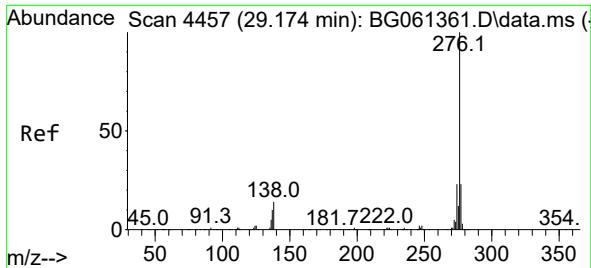
Tgt Ion:276 Resp: 164402
 Ion Ratio Lower Upper
 276 100
 138 10.8 8.6 13.0
 277 23.0 19.7 29.5



#95
 Dibenzo(a,h)anthracene
 Concen: 30.253 ng/ul
 RT: 28.158 min Scan# 4284
 Delta R.T. 0.019 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

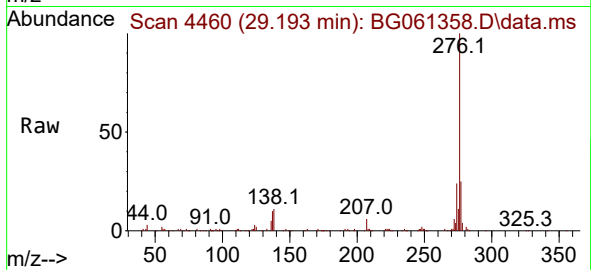
Tgt Ion:278 Resp: 355448
 Ion Ratio Lower Upper
 278 100
 139 8.6 6.4 9.6
 279 24.3 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 24.396 ng/ul
 RT: 29.193 min Scan# 44
 Delta R.T. 0.019 min
 Lab File: BG061358.D
 Acq: 30 May 2024 11:48

Instrument :
 BNA_G
 ClientSampleId :
 SLCS157



Tgt Ion:276 Resp: 276544
 Ion Ratio Lower Upper
 276 100
 138 10.9 8.7 13.1
 277 25.2 18.2 27.2

