

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057958.D
 Acq On : 3 Jul 2023 16:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:54:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	45601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.738	136	201788	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	145756	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	369184	20.000	ng/ul	0.00
79) Chrysene-d12	21.561	240	304326	20.000	ng/ul	0.00
88) Perylene-d12	24.716	264	376339	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	9003	6.913	ng/uL	0.00
4) Pyridine-d5	3.782	84	68599	17.351	ng/ul	0.00
7) Phenol-d5	7.095	99	81071	17.408	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	49039	17.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.466	132	55763	17.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.641	113	61132	17.397	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	29537	17.959	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	32361	18.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	63336	19.101	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	94789	18.854	ng/ul	0.00
46) Dimethylphthalate-d6	13.970	166	197651	17.187	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	227942	18.163	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	34269	16.866	ng/ul	0.00
60) Fluorene-d10	15.556	176	184148	18.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	33363	16.643	ng/ul	0.00
73) Anthracene-d10	17.407	188	310811	18.143	ng/ul	0.00
81) Pyrene-d10	19.692	212	346568	18.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.499	264	335192	17.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.412	88	11243	6.988	ng/uL	100
5) Pyridine	3.799	79	73764	18.210	ng/ul	98
6) Benzaldehyde	7.072	77	17583	11.306	ng/ul	97
8) Phenol	7.125	94	84395	17.858	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.354	93	63679	17.451	ng/ul	98
12) 2-Chlorophenol	7.501	128	59566	17.821	ng/ul	97
13) 2-Methylphenol	8.376	108	65272	17.587	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.464	45	96803	17.234	ng/ul	98
16) Acetophenone	8.758	105	103414	17.738	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.735	70	53361	17.121	ng/ul	95
18) 4-Methylphenol	8.705	108	69812	17.396	ng/ul	95
19) Hexachloroethane	9.017	117	22302	17.405	ng/ul	96
22) Nitrobenzene	9.134	77	76877	18.006	ng/ul	98
23) Isophorone	9.657	82	157285	17.265	ng/ul	98
25) 2-Nitrophenol	9.851	139	33973	18.317	ng/ul	92
26) 2,4-Dimethylphenol	9.904	107	76588	18.363	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.139	93	88716	17.281	ng/ul	98
29) 2,4-Dichlorophenol	10.386	162	61680	19.132	ng/ul	98
30) Naphthalene	10.791	128	206881	18.243	ng/ul	99
32) 4-Chloroaniline	10.897	127	97690	19.004	ng/ul	99
33) Hexachlorobutadiene	11.067	225	41024	17.974	ng/ul	93
34) Caprolactam	11.649	113	23170	17.876	ng/ul	97
35) 4-Chloro-3-methylphenol	12.019	107	75269	19.006	ng/ul	98
36) 2-Methylnaphthalene	12.395	142	140428	18.370	ng/ul	99

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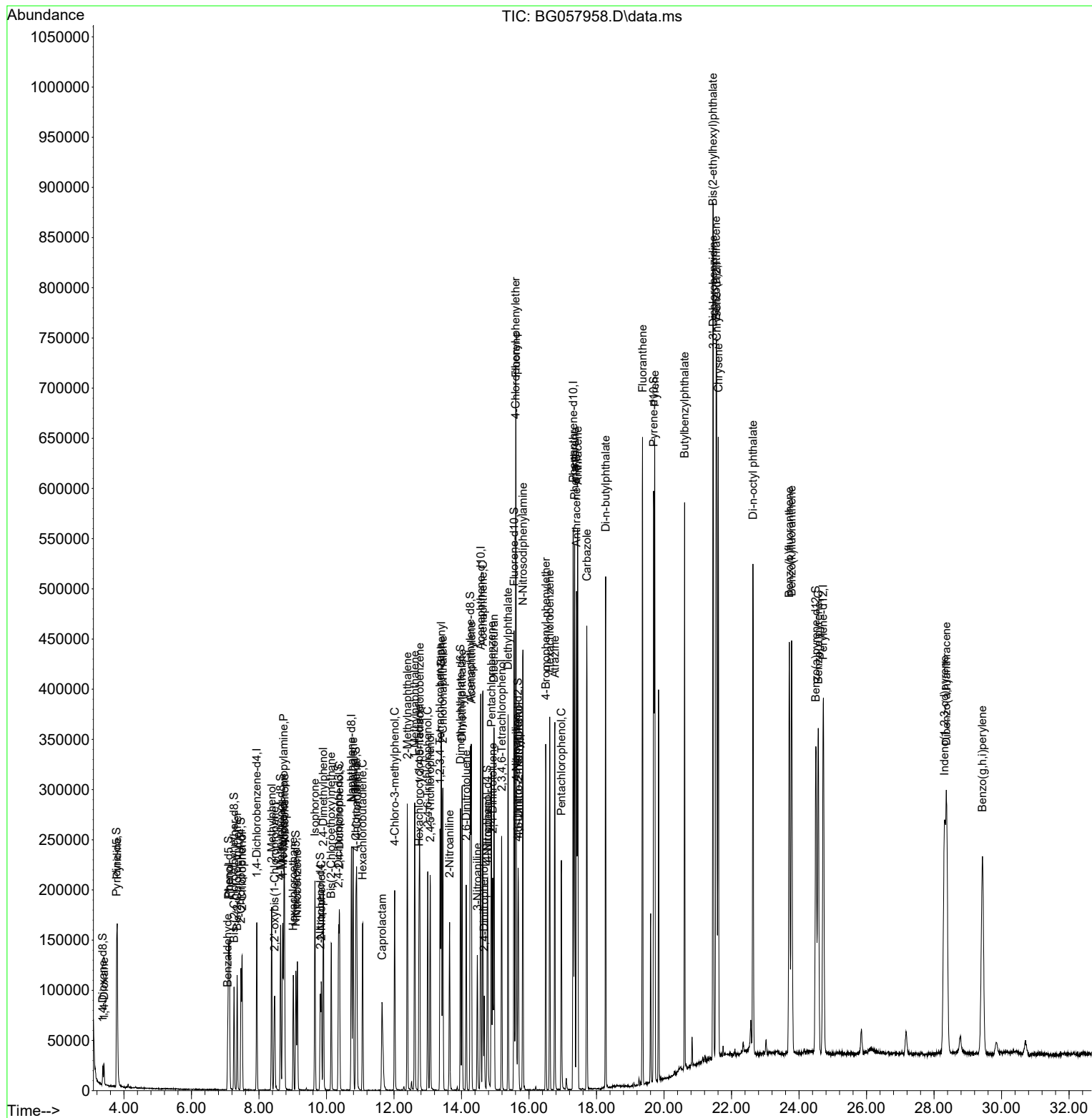
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 BNA_P
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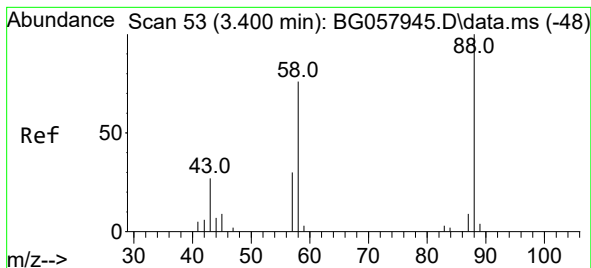
Quant Time: Jul 04 00:54:53 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	141738	18.490	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.759	216	81089	18.256	ng/ul	98
40) Hexachlorocyclopentadiene	12.742	237	45486	16.258	ng/ul	99
41) 2,4,6-Trichlorophenol	13.000	196	57005	18.935	ng/ul	99
42) 2,4,5-Trichlorophenol	13.077	196	61165	18.786	ng/ul	98
43) 1,1'-Biphenyl	13.400	154	192020	18.281	ng/ul	98
44) 2-Chloronaphthalene	13.447	162	154203	18.292	ng/ul	98
45) 2-Nitroaniline	13.647	65	54897	18.730	ng/ul	96
47) Dimethylphthalate	14.017	163	200833	17.382	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	42549	17.941	ng/ul	95
50) Acenaphthylene	14.293	152	253693	18.720	ng/ul	99
51) 3-Nitroaniline	14.469	138	34246	17.087	ng/ul	97
52) Acenaphthene	14.634	153	170331	18.316	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	20525	16.600	ng/ul	95
55) 4-Nitrophenol	14.781	109	27387	18.195	ng/ul	87
56) Dibenzofuran	14.963	168	248992	18.836	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	64765	19.274	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.192	232	58180	19.630	ng/ul#	97
59) Diethylphthalate	15.380	149	212904	17.655	ng/ul	99
61) Fluorene	15.615	166	205283	18.926	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.603	204	107243	18.686	ng/ul	99
63) 4-Nitroaniline	15.627	138	20312	11.313	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.685	198	35943	17.533	ng/ul	97
67) N-Nitrosodiphenylamine	15.821	169	177071	18.022	ng/ul	97
68) 4-Bromophenyl-phenylether	16.496	248	75312	18.584	ng/ul	97
69) Hexachlorobenzene	16.614	284	83414	18.385	ng/ul	99
70) Atrazine	16.766	200	70156	17.461	ng/ul	95
71) Pentachlorophenol	16.960	266	47963	17.608	ng/ul	97
72) Phenanthrene	17.354	178	342734	18.251	ng/ul	99
74) Anthracene	17.442	178	346536	18.235	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.365	216	86289	17.624	ng/uL	98
76) Pentachlorobenzene	14.886	250	94165	18.008	ng/uL	99
77) Carbazole	17.712	167	315760	18.372	ng/ul	99
78) Di-n-butylphthalate	18.271	149	383001	17.494	ng/ul	99
80) Fluoranthene	19.363	202	400977	18.055	ng/ul	97
82) Pyrene	19.728	202	404286	18.084	ng/ul	99
83) Butylbenzylphthalate	20.609	149	163247	18.008	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.461	252	146499	19.885	ng/ul	98
85) Benzo(a)anthracene	21.543	228	396938	18.166	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.449	149	238431	18.354	ng/ul	98
87) Chrysene	21.608	228	374313	18.274	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	418656	18.106	ng/ul	100
90) Benzo(b)fluoranthene	23.711	252	410639	17.623	ng/ul	99
91) Benzo(k)fluoranthene	23.782	252	399628	17.497	ng/ul	100
93) Benzo(a)pyrene	24.569	252	357408	17.329	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.312	276	484859	17.703	ng/ul	98
95) Dibenzo(a,h)anthracene	28.365	278	396988	17.578	ng/ul	98
96) Benzo(g,h,i)perylene	29.434	276	394018	17.614	ng/ul	98

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

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#2

1,4-Dioxane

Concen: 6.988 ng/uL

RT: 3.412 min Scan# 51

Delta R.T. 0.007 min

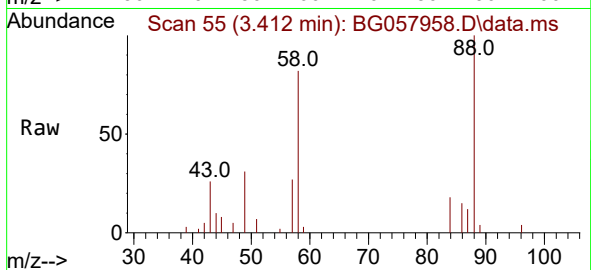
Lab File: BG057958.D

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Instrument :

BNA_P

ClientSampleId :



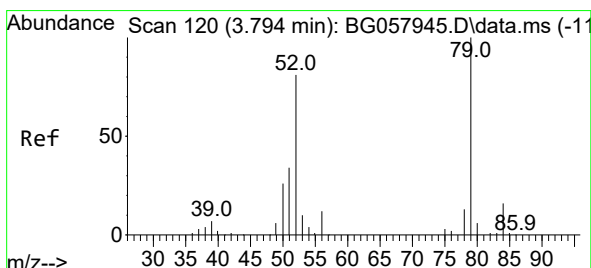
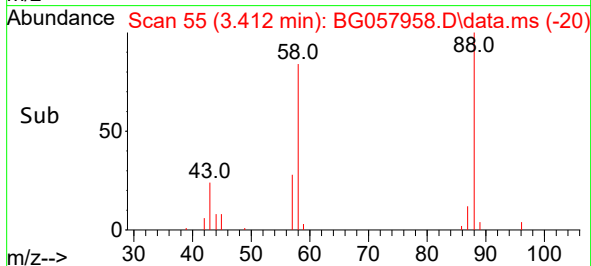
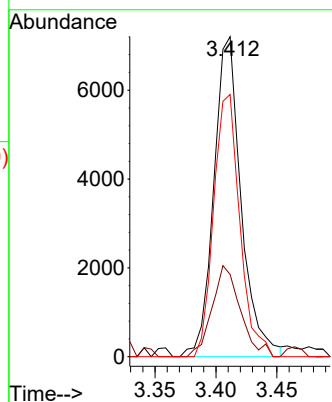
Tgt Ion: 88 Resp: 11243

Ion Ratio Lower Upper

88 100

43 25.7 20.6 30.8

58 81.9 65.5 98.3



#5

Pyridine

Concen: 18.210 ng/uL

RT: 3.799 min Scan# 121

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

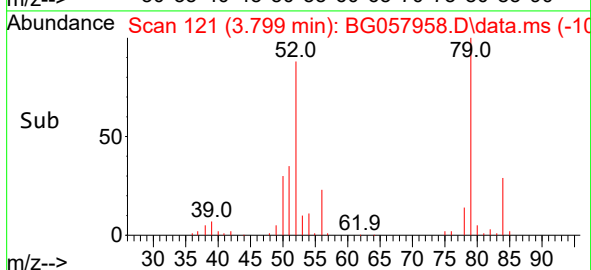
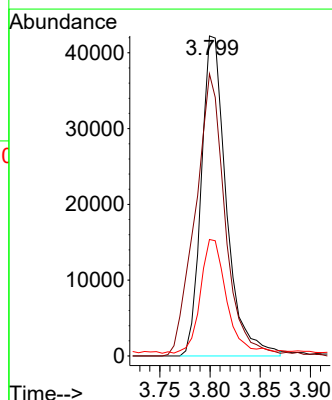
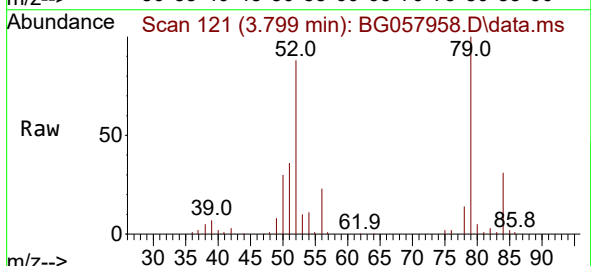
Tgt Ion: 79 Resp: 73764

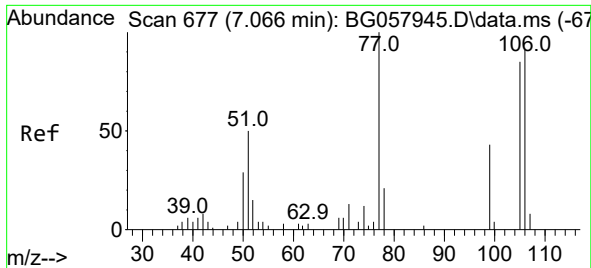
Ion Ratio Lower Upper

79 100

52 88.2 68.6 102.8

51 36.4 29.4 44.0

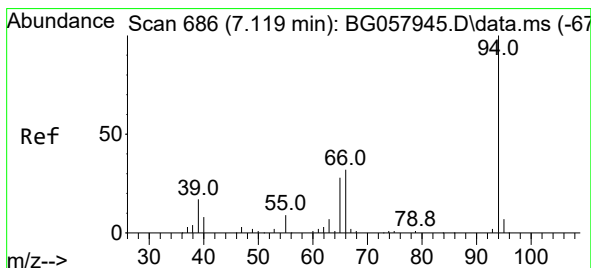
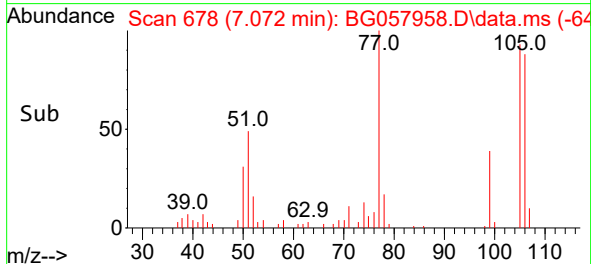
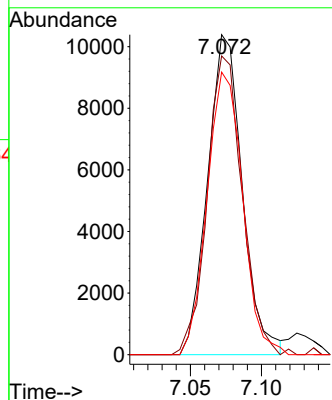
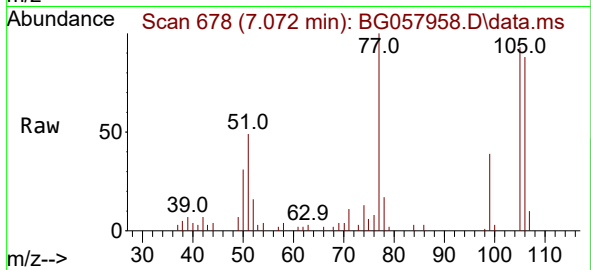




#6
Benzaldehyde
Concen: 11.306 ng/ul
RT: 7.072 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

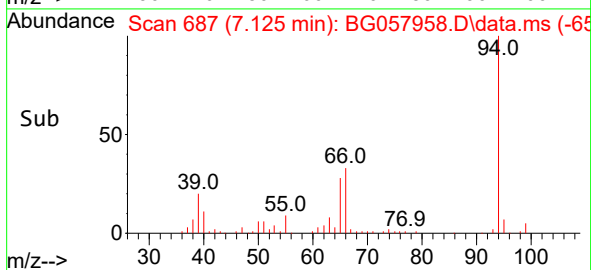
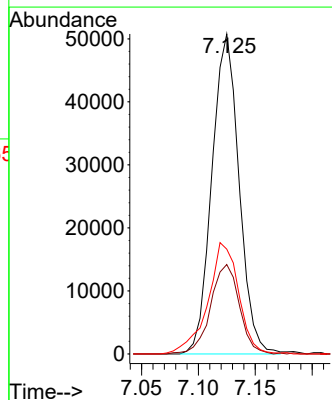
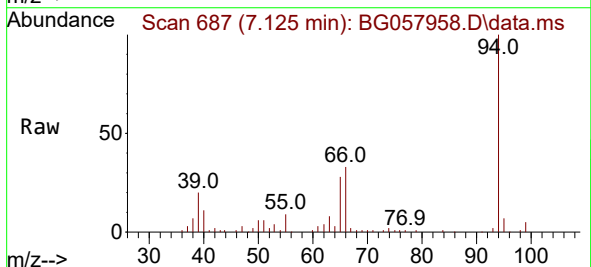
Instrument :
BNA_P
ClientSampleId :

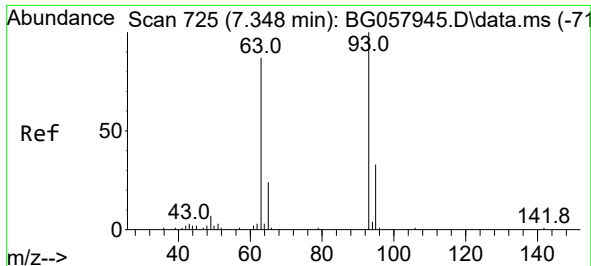
Tgt Ion: 77 Resp: 17583
Ion Ratio Lower Upper
77 100
105 93.4 74.7 112.1
106 88.3 75.9 113.9



#8
Phenol
Concen: 17.858 ng/ul
RT: 7.125 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion: 94 Resp: 84395
Ion Ratio Lower Upper
94 100
65 28.0 22.2 33.4
66 32.8 28.6 43.0

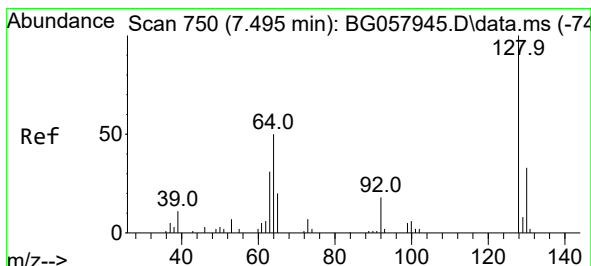
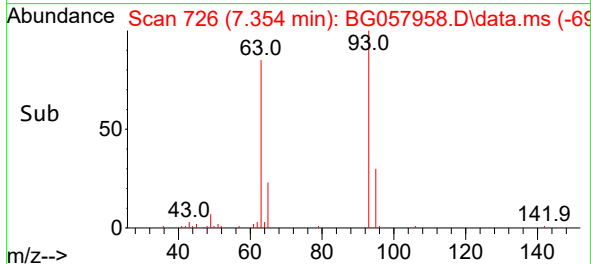
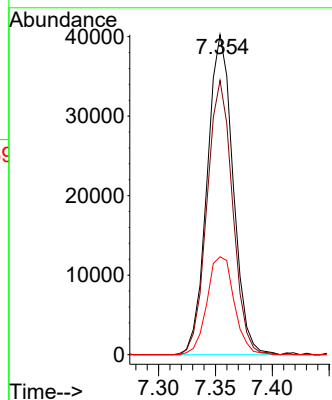
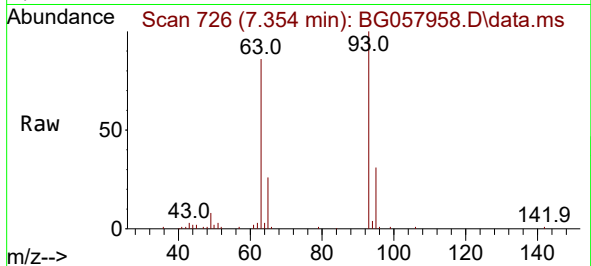




#10
Bis(2-Chloroethyl)ether
Concen: 17.451 ng/ul
RT: 7.354 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

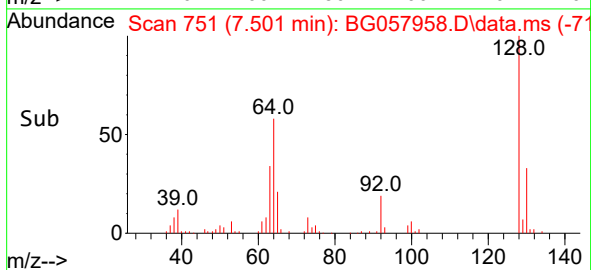
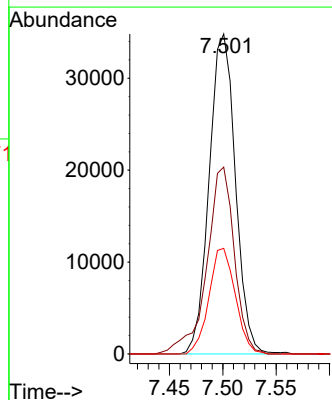
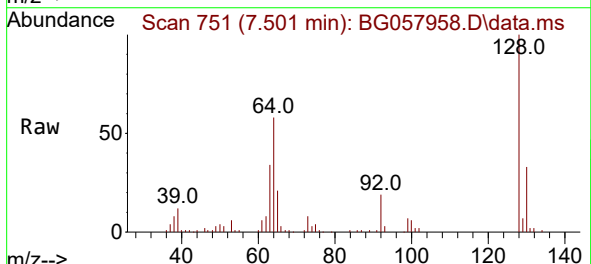
Instrument :
BNA_P
ClientSampleId :

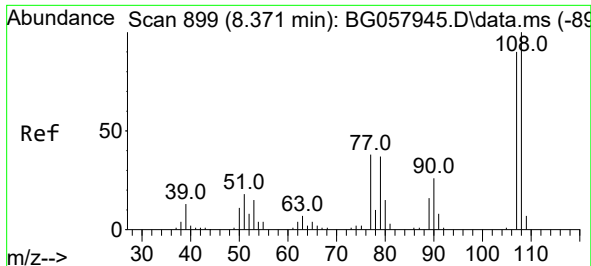
Tgt Ion: 93 Resp: 63679
Ion Ratio Lower Upper
93 100
63 85.7 69.4 104.0
95 30.6 27.0 40.6



#12
2-Chlorophenol
Concen: 17.821 ng/ul
RT: 7.501 min Scan# 751
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:128 Resp: 59566
Ion Ratio Lower Upper
128 100
64 58.4 44.3 66.5
130 33.0 27.3 40.9





#13

2-Methylphenol

Concen: 17.587 ng/ul

RT: 8.376 min Scan# 900

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

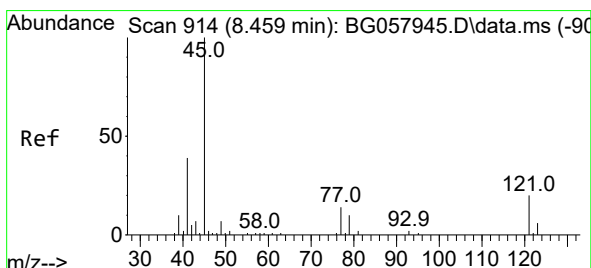
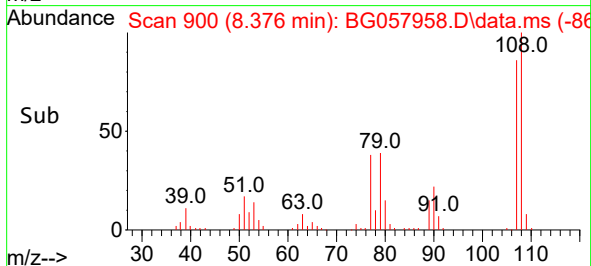
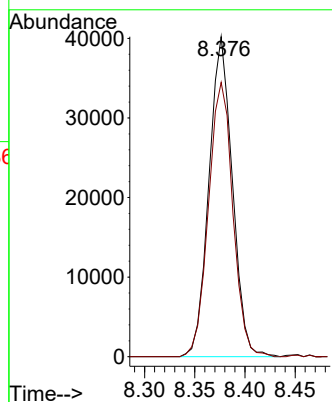
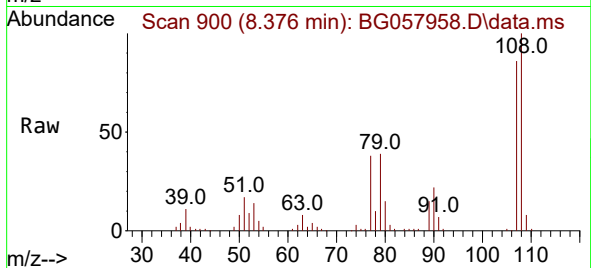
ClientSampleId :

Tgt Ion:108 Resp: 65272

Ion Ratio Lower Upper

108 100

107 85.7 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.234 ng/ul

RT: 8.464 min Scan# 915

Delta R.T. 0.006 min

Lab File: BG057958.D

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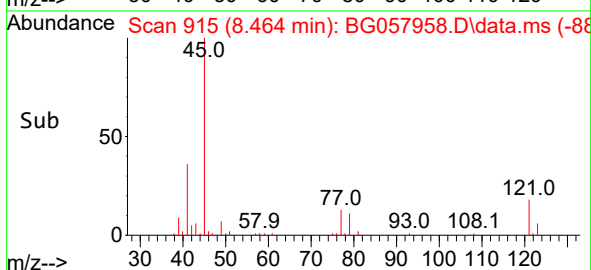
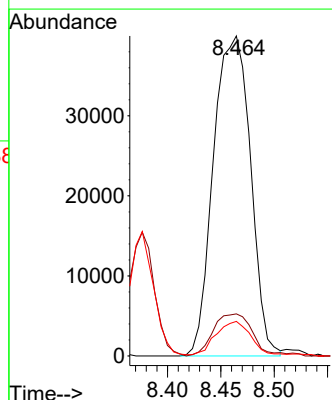
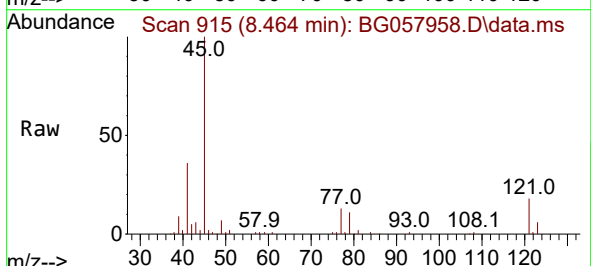
Tgt Ion: 45 Resp: 96803

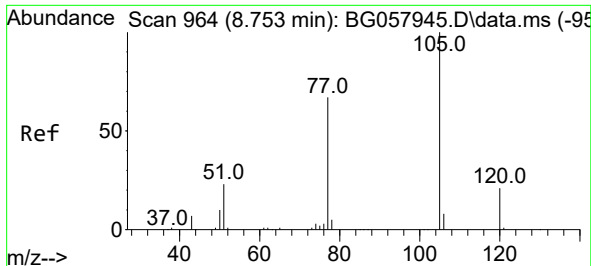
Ion Ratio Lower Upper

45 100

77 13.2 9.4 14.2

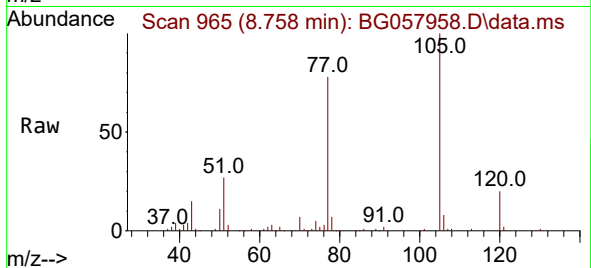
79 10.8 8.3 12.5



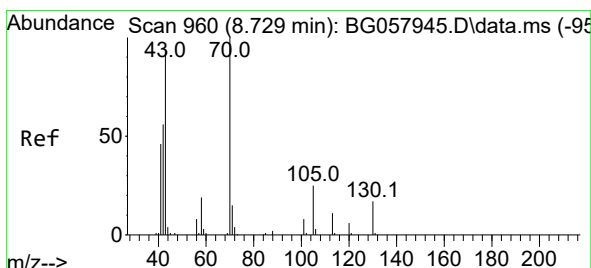
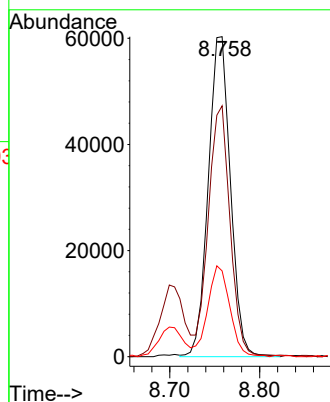
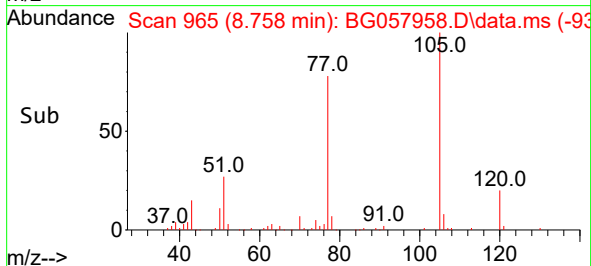


#16
Acetophenone
Concen: 17.738 ng/ul
RT: 8.758 min Scan# 965
Delta R.T. 0.006 min
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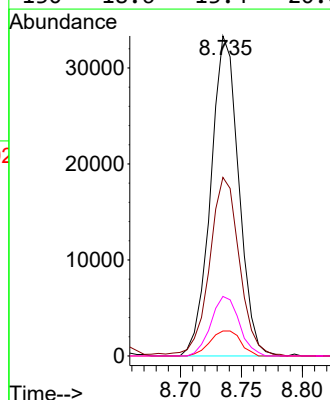
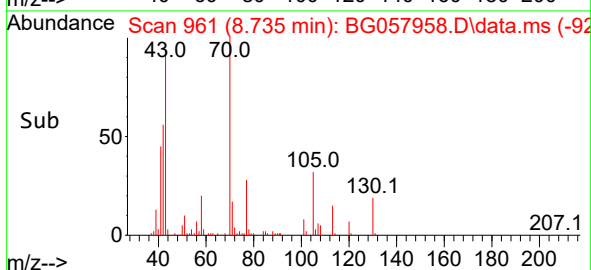
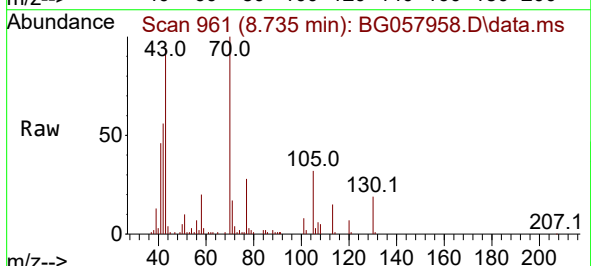


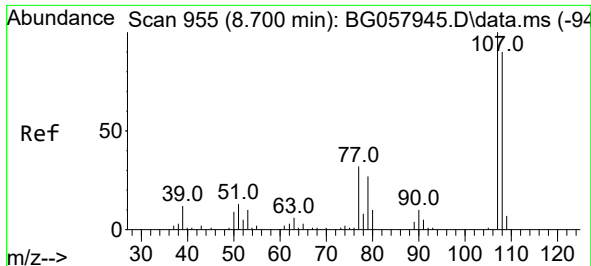
Tgt Ion:105 Resp: 103414
Ion Ratio Lower Upper
105 100
77 78.4 61.2 91.8
51 26.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 17.121 ng/ul
RT: 8.735 min Scan# 961
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion: 70 Resp: 53361
Ion Ratio Lower Upper
70 100
42 55.8 48.0 72.0
101 7.8 7.4 11.2
130 18.6 13.4 20.0

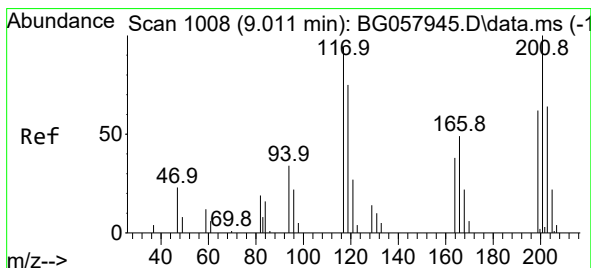
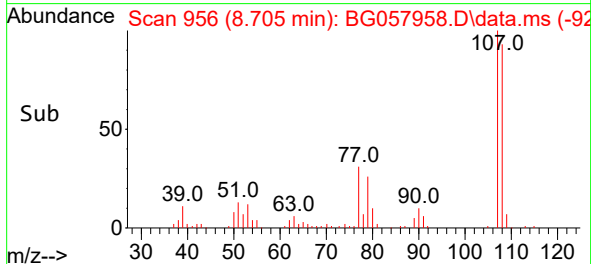
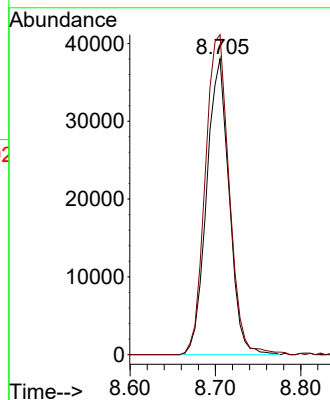
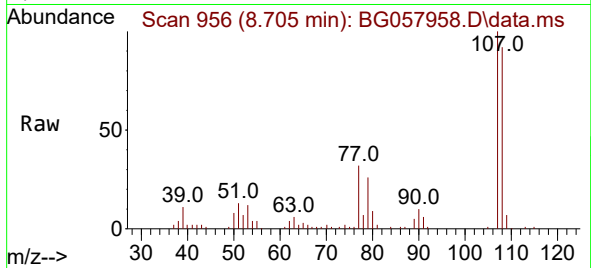




#18
4-Methylphenol
Concen: 17.396 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

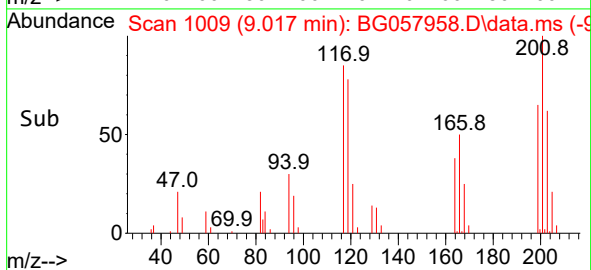
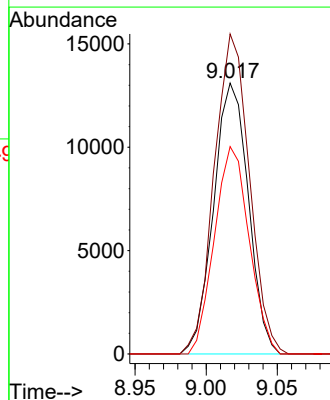
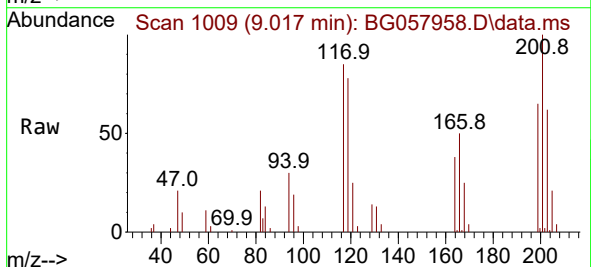
Instrument :
BNA_P
ClientSampleId :

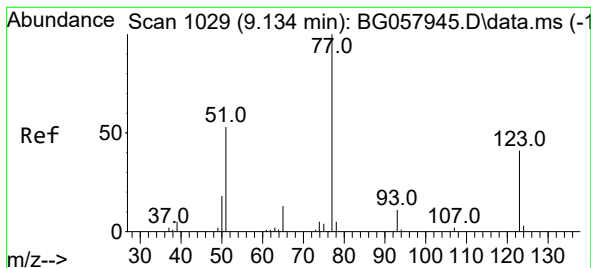
Tgt Ion:108 Resp: 69812
Ion Ratio Lower Upper
108 100
107 108.1 91.1 136.7



#19
Hexachloroethane
Concen: 17.405 ng/ul
RT: 9.017 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:117 Resp: 22302
Ion Ratio Lower Upper
117 100
201 121.1 94.0 141.0
199 78.5 59.8 89.6





#22

Nitrobenzene

Concen: 18.006 ng/ul

RT: 9.134 min Scan# 110

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

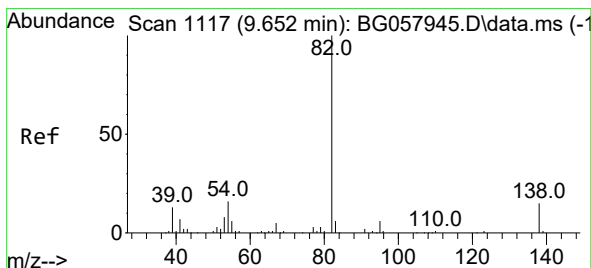
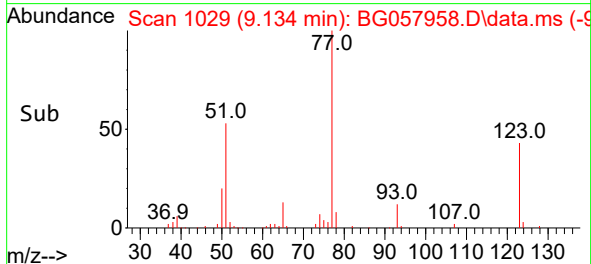
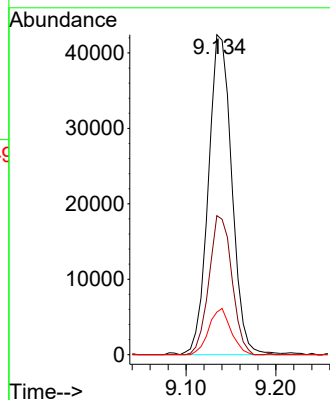
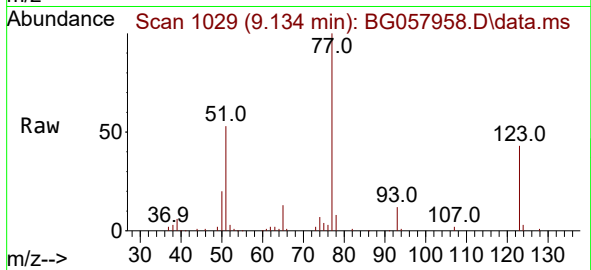
Tgt Ion: 77 Resp: 76877

Ion Ratio Lower Upper

77 100

123 43.4 33.3 49.9

65 13.3 10.4 15.6



#23

Isophorone

Concen: 17.265 ng/ul

RT: 9.657 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

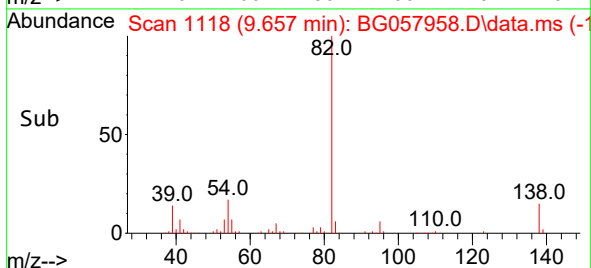
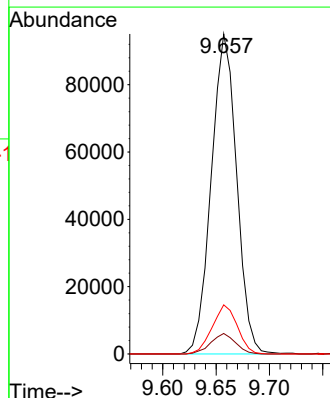
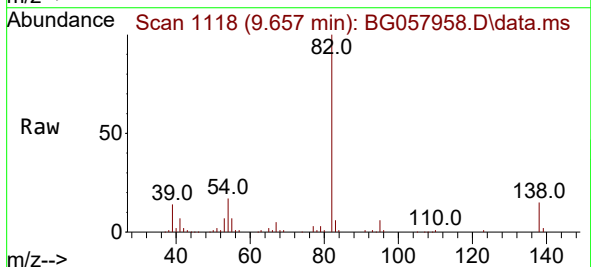
Tgt Ion: 82 Resp: 157285

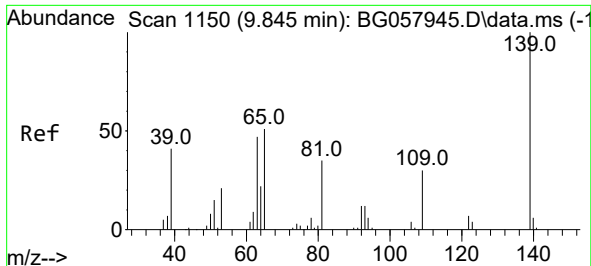
Ion Ratio Lower Upper

82 100

95 6.4 4.8 7.2

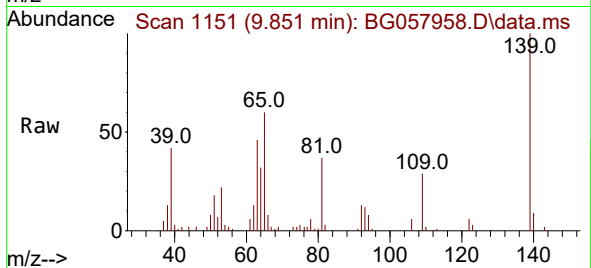
138 15.3 11.4 17.0



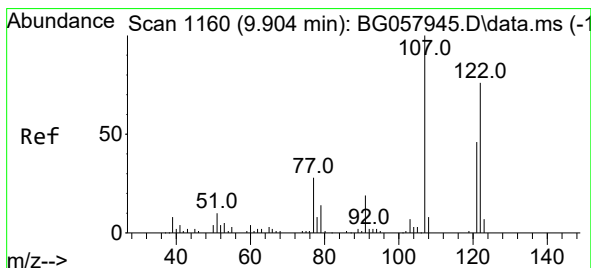
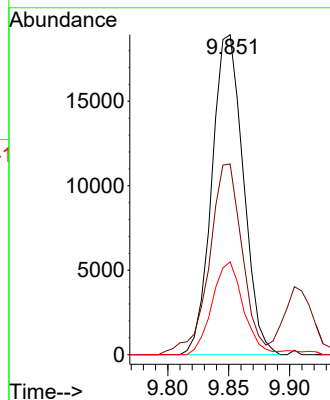
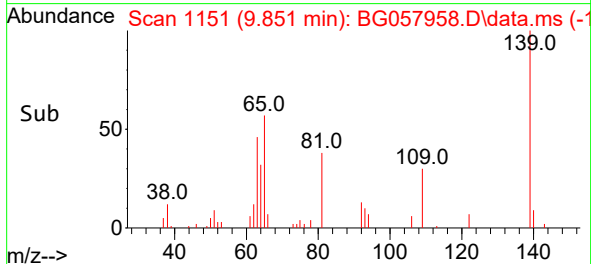


#25
2-Nitrophenol
Concen: 18.317 ng/ul
RT: 9.851 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Instrument :
BNA_P
ClientSampleId :

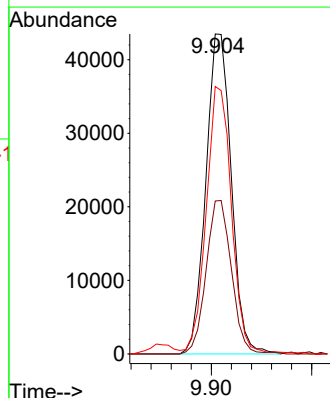
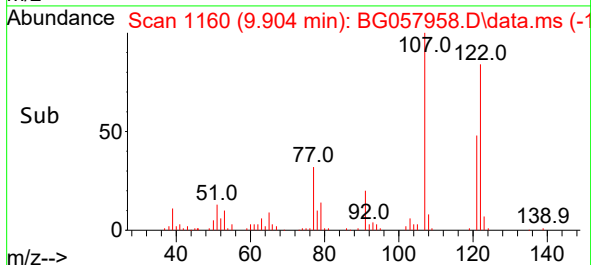
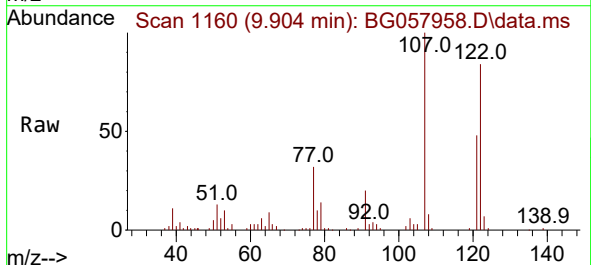


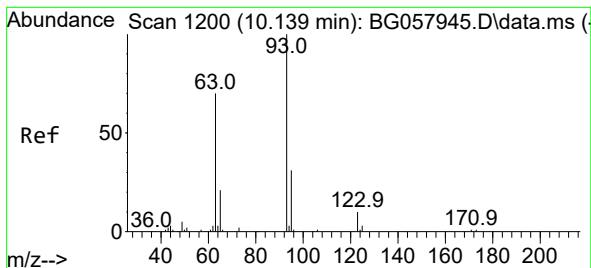
Tgt Ion:139 Resp: 33973
Ion Ratio Lower Upper
139 100
65 59.6 42.6 64.0
109 29.0 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 18.363 ng/ul
RT: 9.904 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:107 Resp: 76588
Ion Ratio Lower Upper
107 100
121 47.8 40.6 60.8
122 83.6 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 17.281 ng/ul

RT: 10.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

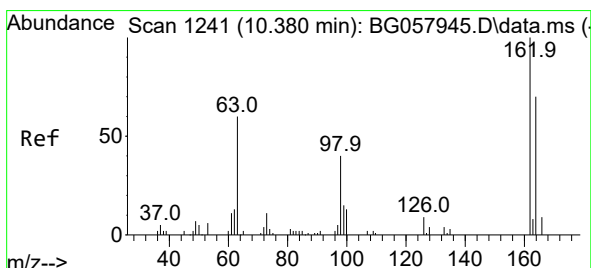
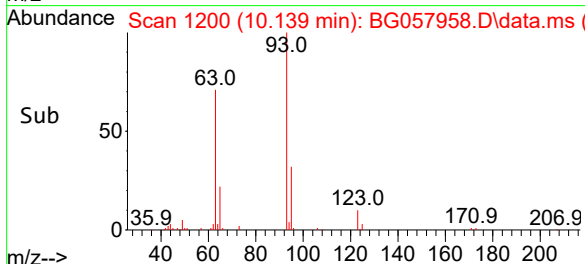
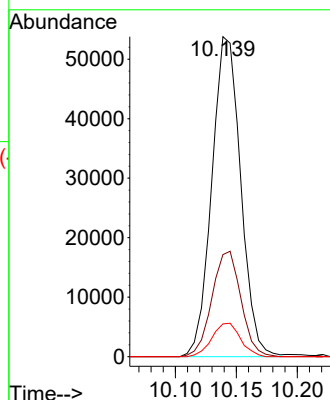
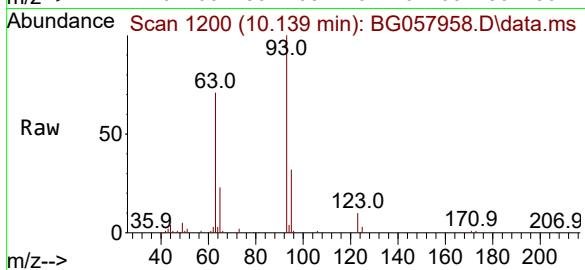
Tgt Ion: 93 Resp: 88716

Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

123 10.3 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 19.132 ng/ul

RT: 10.386 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

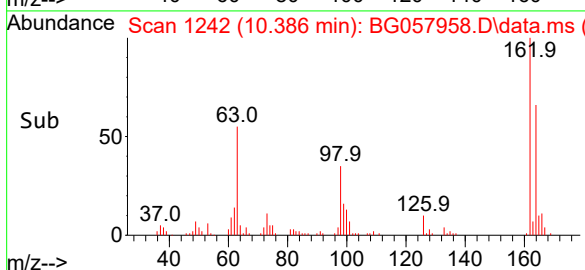
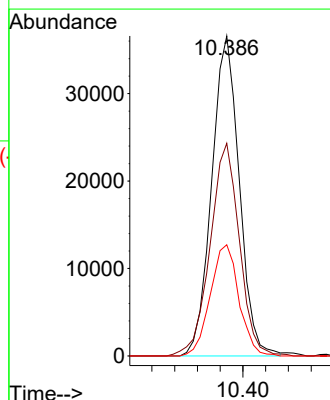
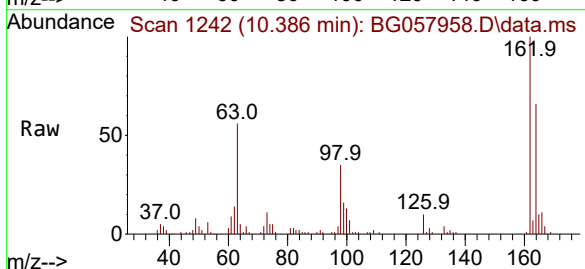
Tgt Ion:162 Resp: 61680

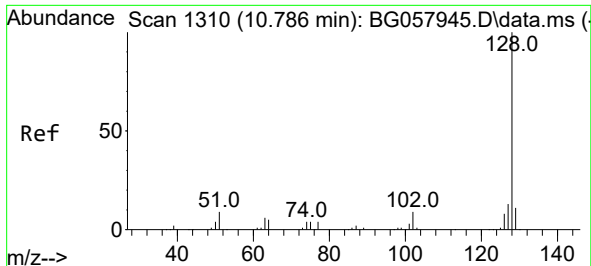
Ion Ratio Lower Upper

162 100

164 66.5 51.1 76.7

98 34.7 27.9 41.9

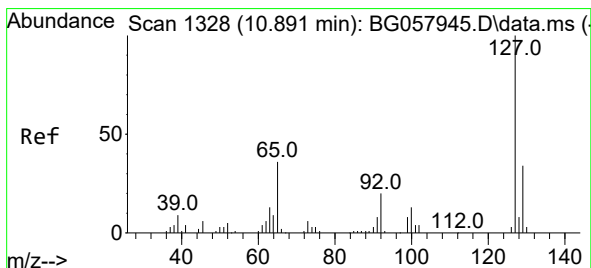
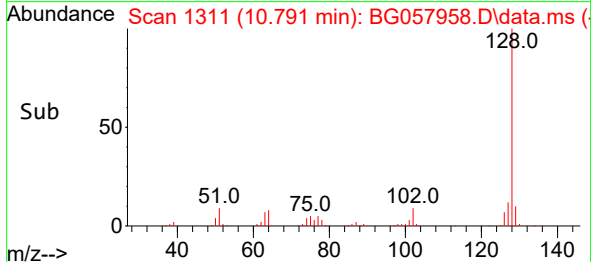
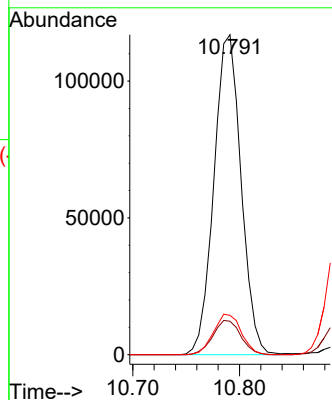
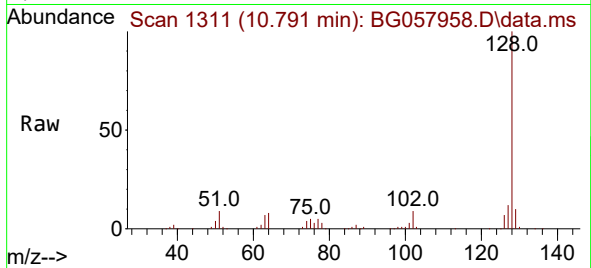




#30
Naphthalene
Concen: 18.243 ng/ul
RT: 10.791 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

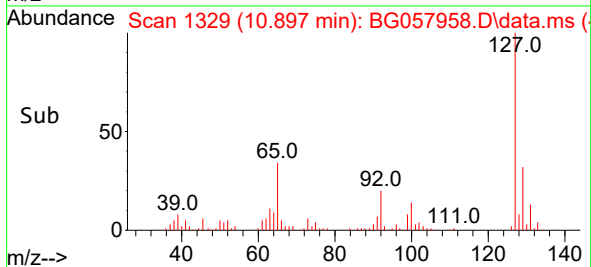
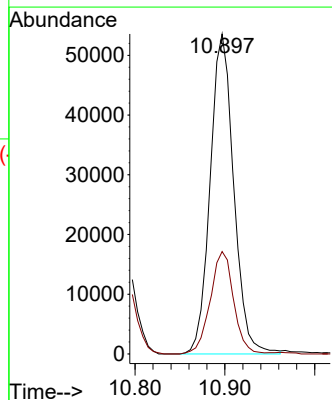
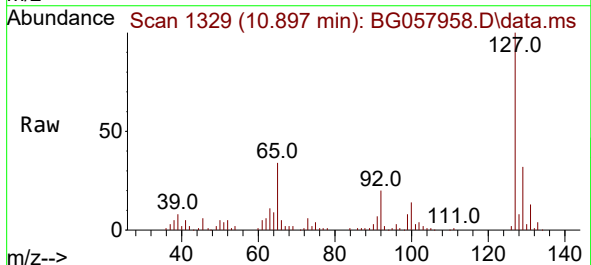
Instrument :
BNA_P
ClientSampleId :

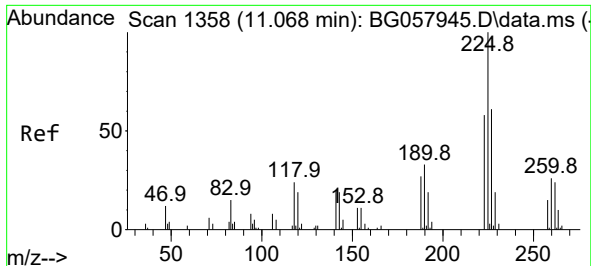
Tgt Ion:128 Resp: 206881
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.3 10.2 15.2



#32
4-Chloroaniline
Concen: 19.004 ng/ul
RT: 10.897 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:127 Resp: 97690
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0

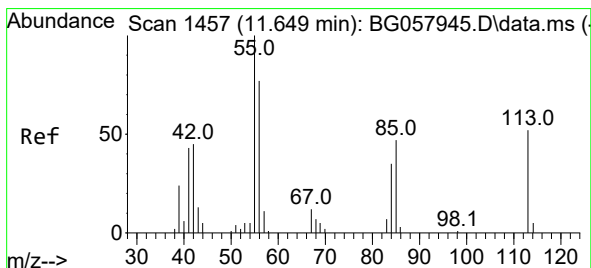
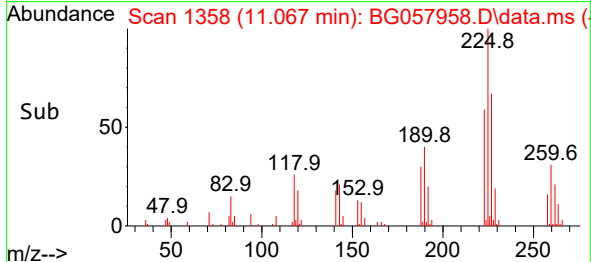
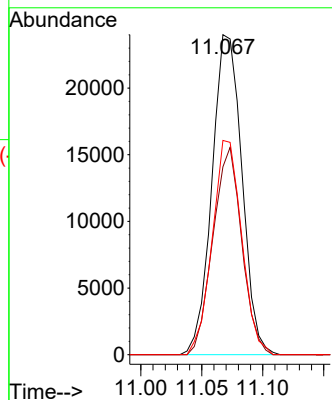
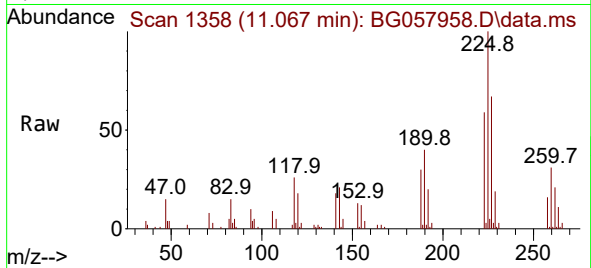




#33
Hexachlorobutadiene
Concen: 17.974 ng/ul
RT: 11.067 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

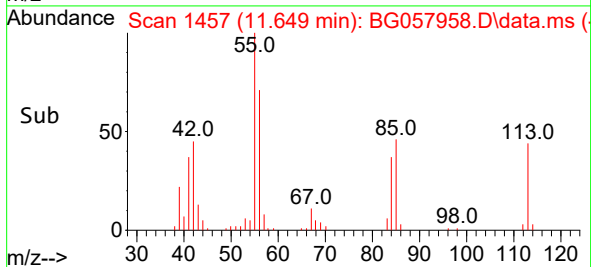
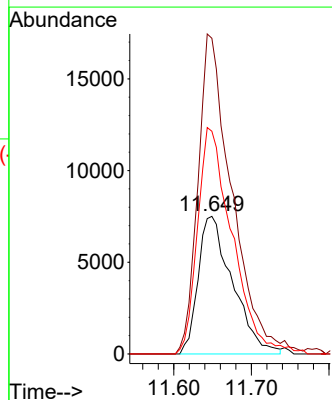
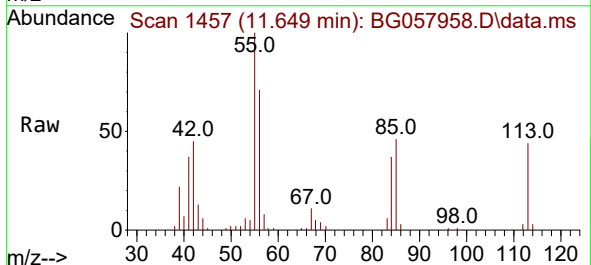
Instrument :
BNA_P
ClientSampleId :

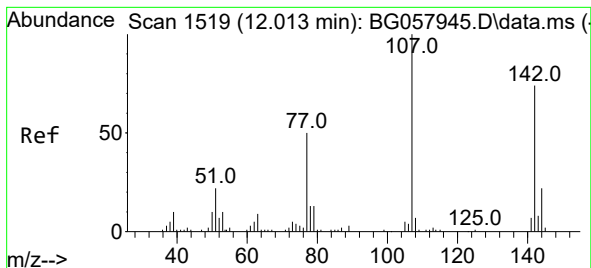
Tgt Ion:225 Resp: 41024
Ion Ratio Lower Upper
225 100
223 58.7 53.2 79.8
227 67.0 51.4 77.2



#34
Caprolactam
Concen: 17.876 ng/ul
RT: 11.649 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:113 Resp: 23170
Ion Ratio Lower Upper
113 100
55 229.5 183.4 275.2
56 161.8 123.0 184.6





#35

4-Chloro-3-methylphenol

Concen: 19.006 ng/ul

RT: 12.019 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

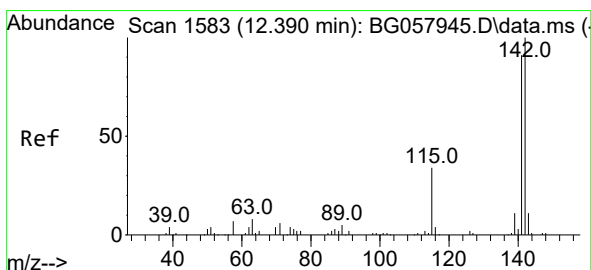
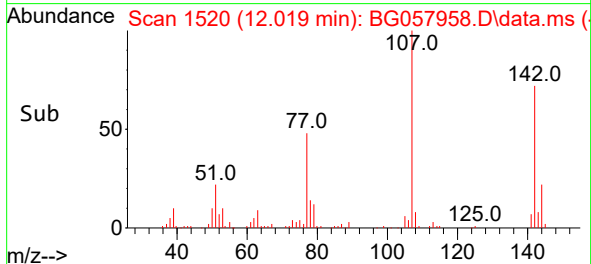
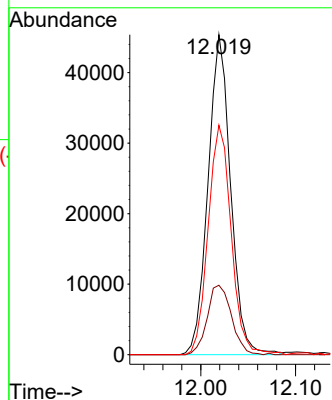
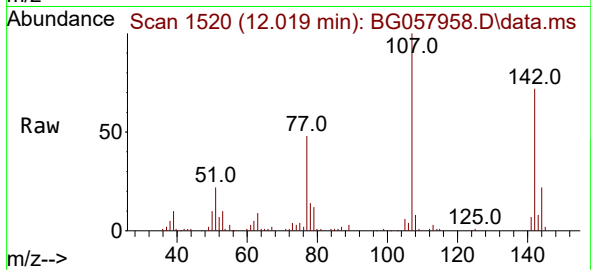
Tgt Ion:107 Resp: 75269

Ion Ratio Lower Upper

107 100

144 21.7 19.0 28.4

142 71.7 58.4 87.6



#36

2-Methylnaphthalene

Concen: 18.370 ng/ul

RT: 12.395 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BG057958.D

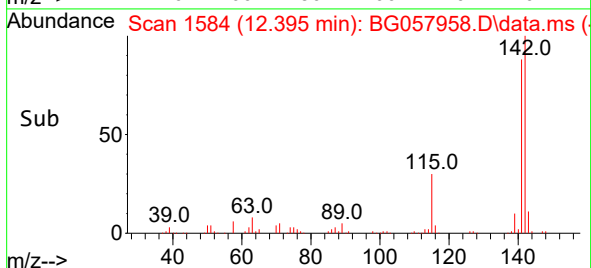
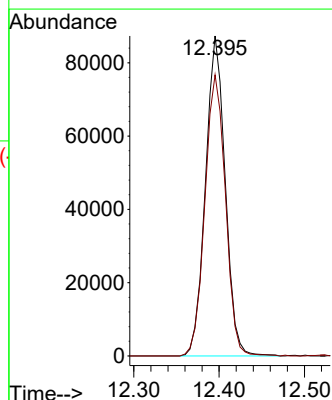
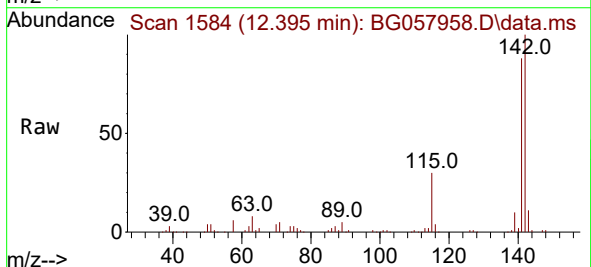
Acq: 3 Jul 2023 16:58

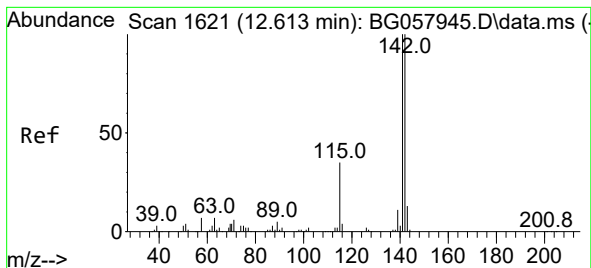
Tgt Ion:142 Resp: 140428

Ion Ratio Lower Upper

142 100

141 87.9 69.4 104.2





#37

1-Methylnaphthalene

Concen: 18.490 ng/ul

RT: 12.613 min Scan# 1

Delta R.T. 0.000 min

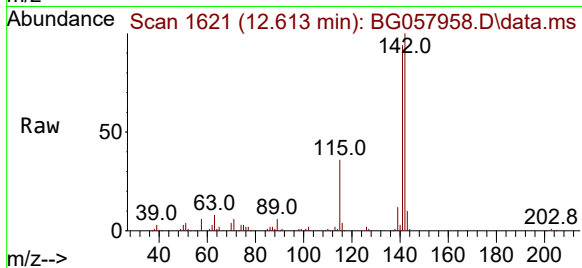
Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :



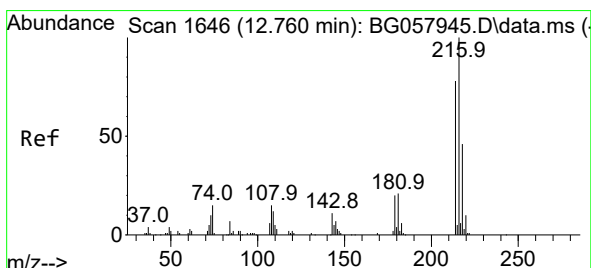
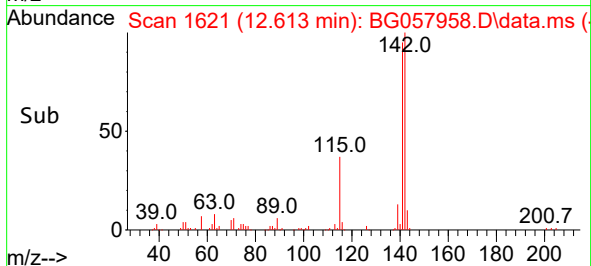
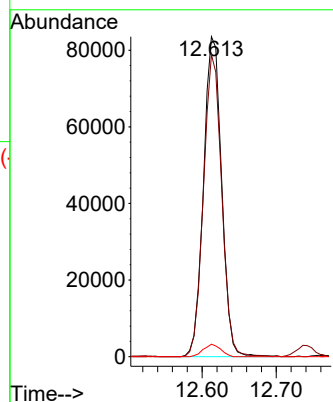
Tgt Ion:142 Resp: 141738

Ion Ratio Lower Upper

142 100

141 94.4 73.8 110.8

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.256 ng/ul

RT: 12.759 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Tgt Ion:216 Resp: 81089

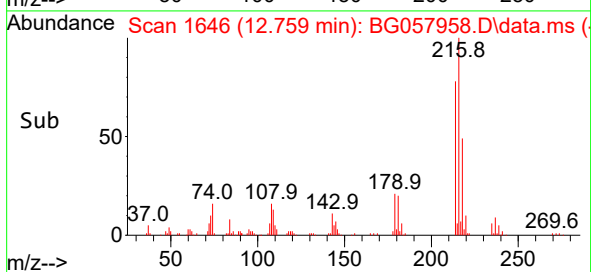
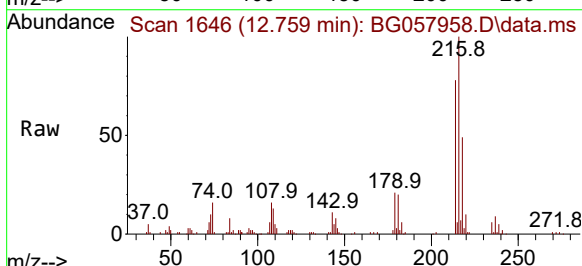
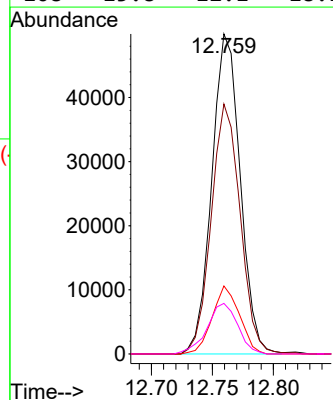
Ion Ratio Lower Upper

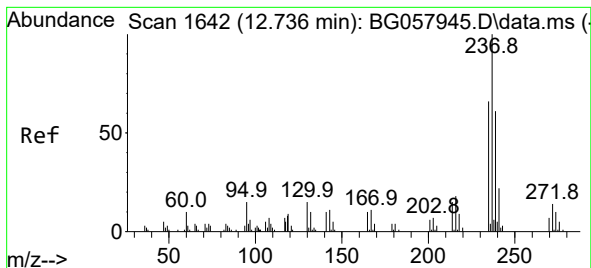
216 100

214 78.1 64.1 96.1

179 21.2 16.0 24.0

108 15.8 12.1 18.1





#40

Hexachlorocyclopentadiene

Concen: 16.258 ng/ul

RT: 12.742 min Scan# 1

Delta R.T. 0.006 min

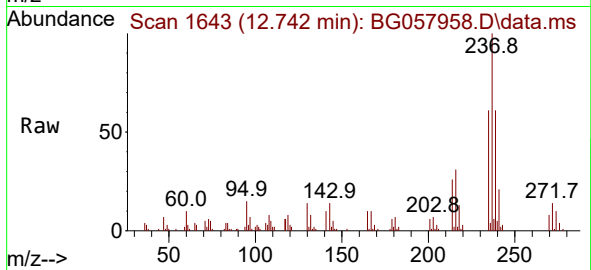
Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :



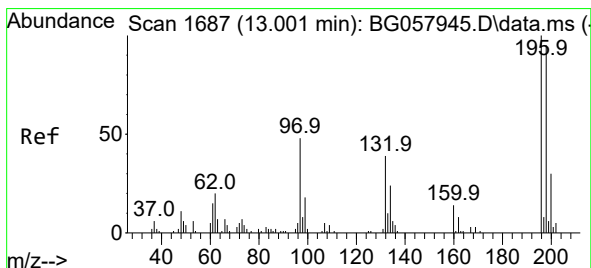
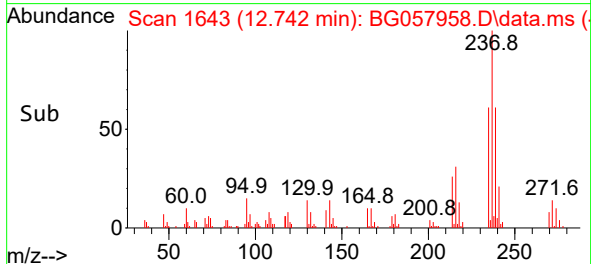
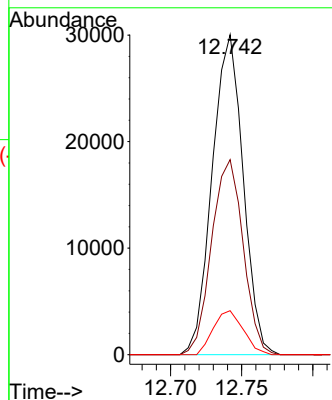
Tgt Ion:237 Resp: 45486

Ion Ratio Lower Upper

237 100

235 60.9 49.2 73.8

272 13.7 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 18.935 ng/ul

RT: 13.000 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

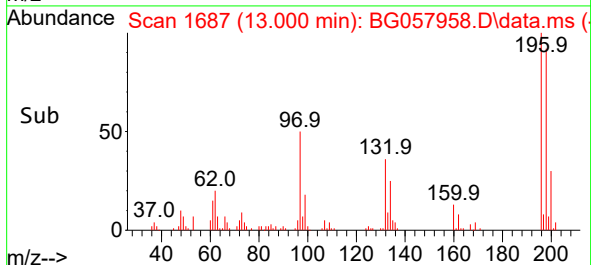
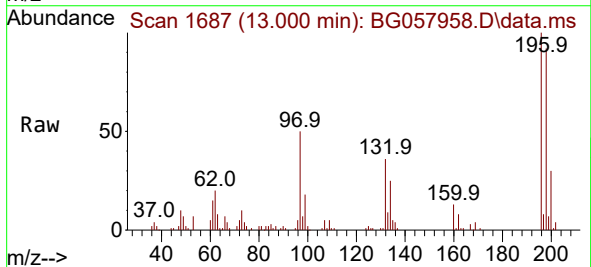
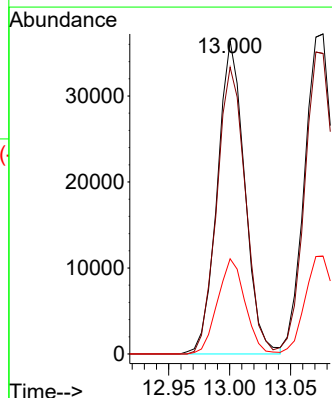
Tgt Ion:196 Resp: 57005

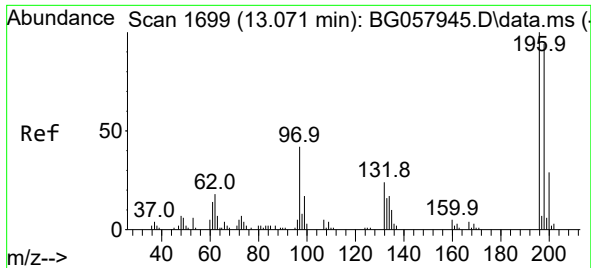
Ion Ratio Lower Upper

196 100

198 91.6 73.5 110.3

200 30.4 24.8 37.2

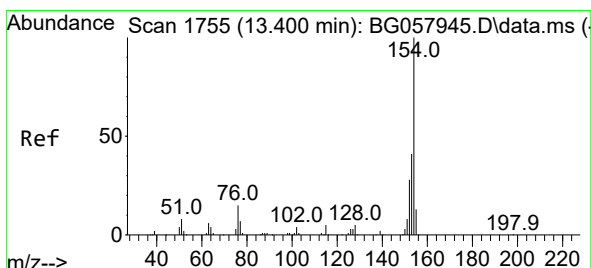
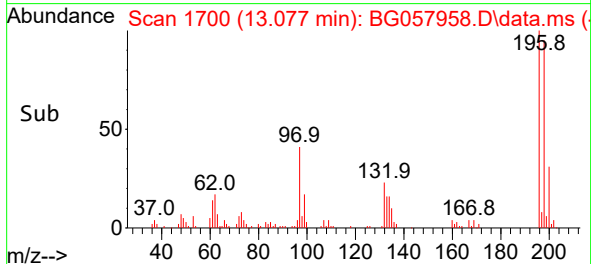
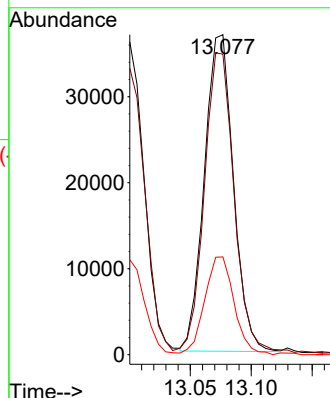
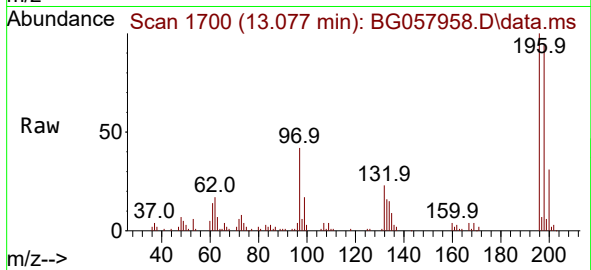




#42
2,4,5-Trichlorophenol
Concen: 18.786 ng/ul
RT: 13.077 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

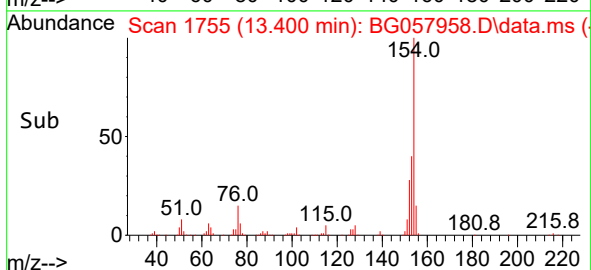
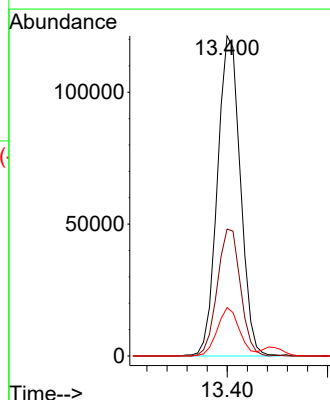
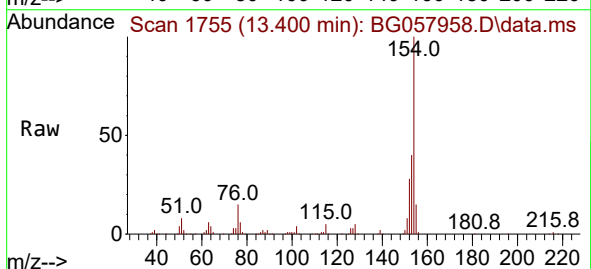
Instrument :
BNA_P
ClientSampleId :

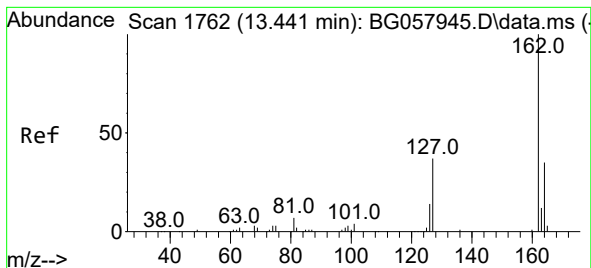
Tgt Ion:196 Resp: 61165
Ion Ratio Lower Upper
196 100
198 93.9 77.2 115.8
200 30.6 23.8 35.6



#43
1,1'-Biphenyl
Concen: 18.281 ng/ul
RT: 13.400 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:154 Resp: 192020
Ion Ratio Lower Upper
154 100
153 39.6 32.6 49.0
76 15.1 11.6 17.4





#44

2-Chloronaphthalene

Concen: 18.292 ng/ul

RT: 13.447 min Scan# 1

Delta R.T. 0.006 min

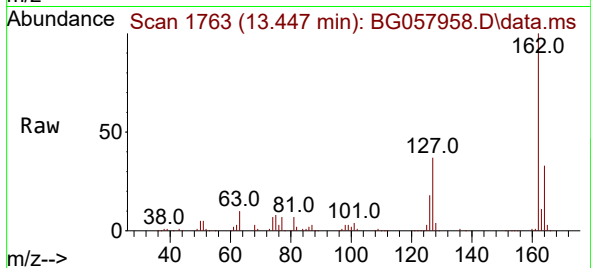
Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :



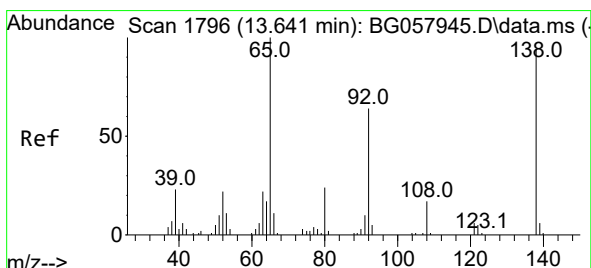
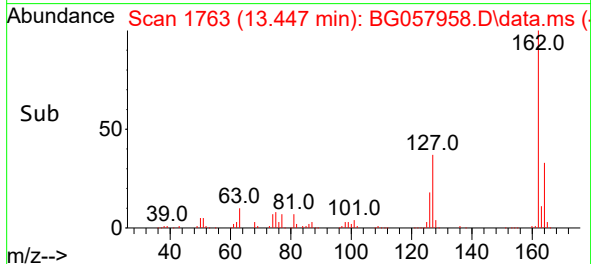
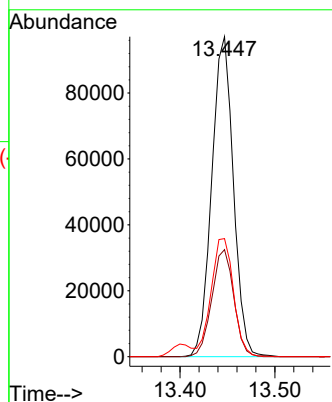
Tgt Ion:162 Resp: 154203

Ion Ratio Lower Upper

162 100

164 33.5 27.7 41.5

127 36.9 30.9 46.3



#45

2-Nitroaniline

Concen: 18.730 ng/ul

RT: 13.647 min Scan# 1797

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

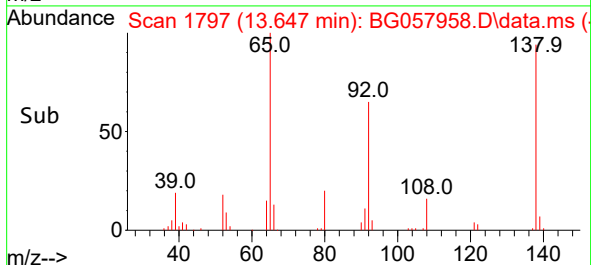
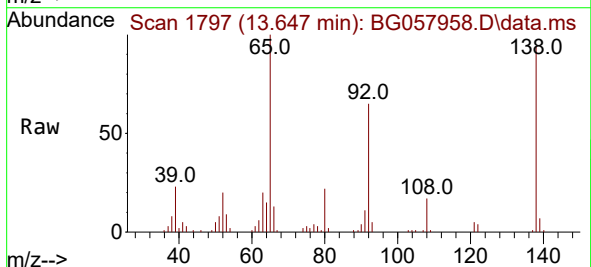
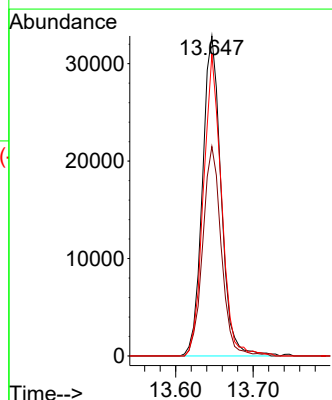
Tgt Ion: 65 Resp: 54897

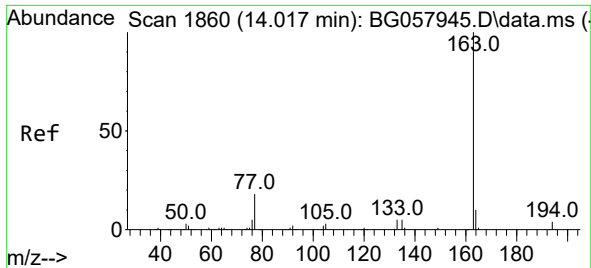
Ion Ratio Lower Upper

65 100

92 65.4 53.2 79.8

138 94.3 71.1 106.7

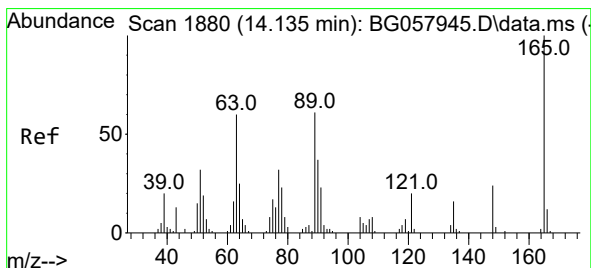
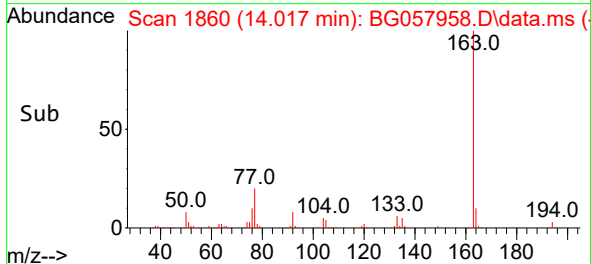
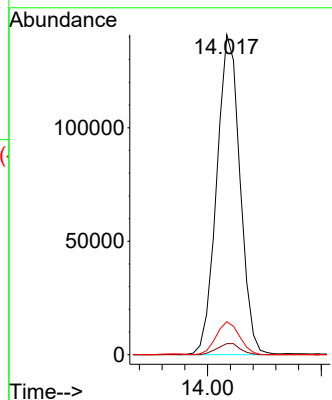
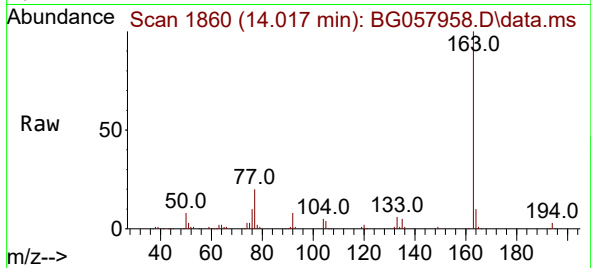




#47
Dimethylphthalate
Concen: 17.382 ng/ul
RT: 14.017 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

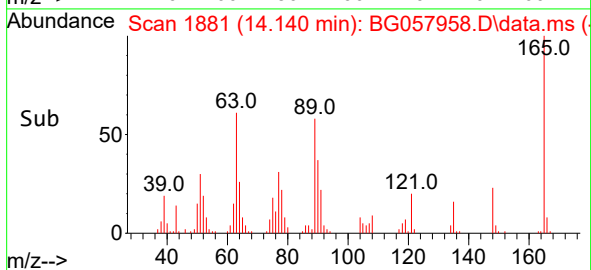
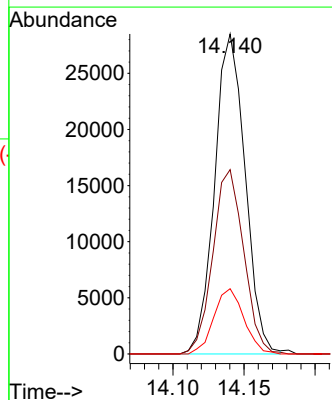
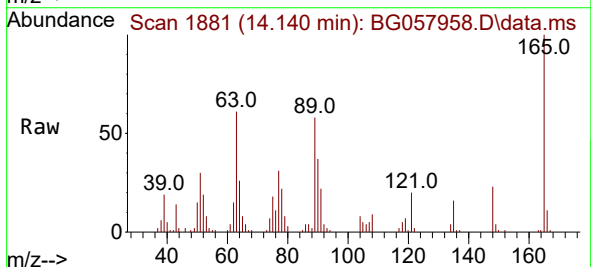
Instrument :
BNA_P
ClientSampleId :

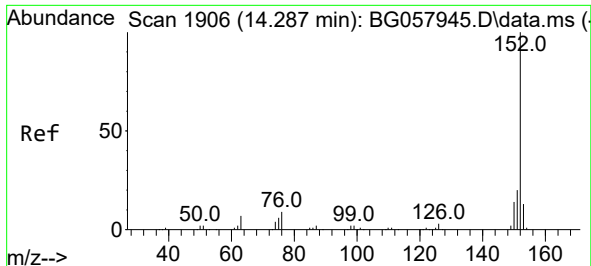
Tgt Ion:163 Resp: 200833
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 17.941 ng/ul
RT: 14.140 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

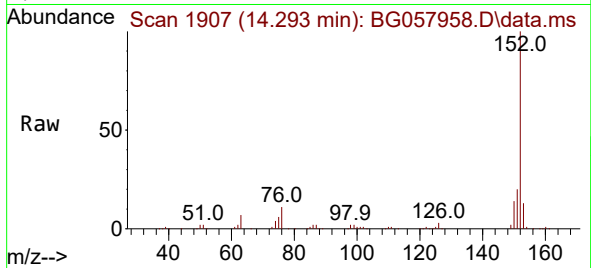
Tgt Ion:165 Resp: 42549
Ion Ratio Lower Upper
165 100
89 57.6 42.7 64.1
121 20.4 14.8 22.2



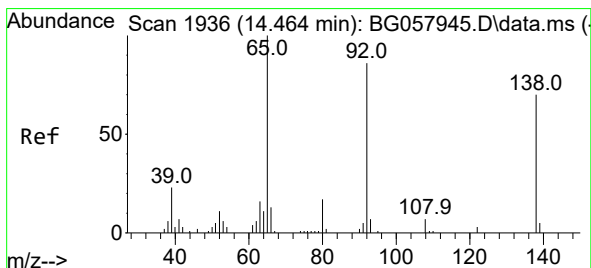
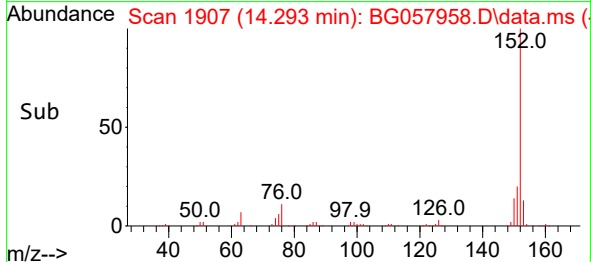
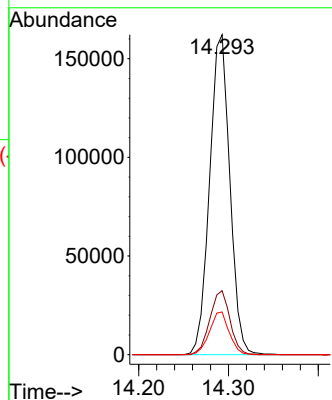


#50
Acenaphthylene
Concen: 18.720 ng/ul
RT: 14.293 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Instrument :
BNA_P
ClientSampleId :

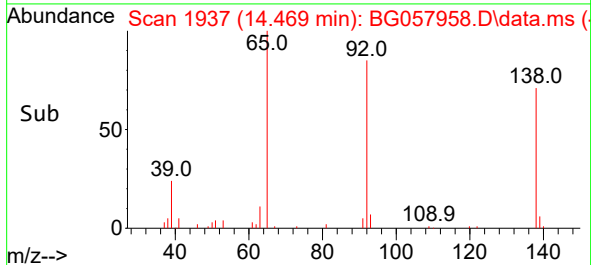
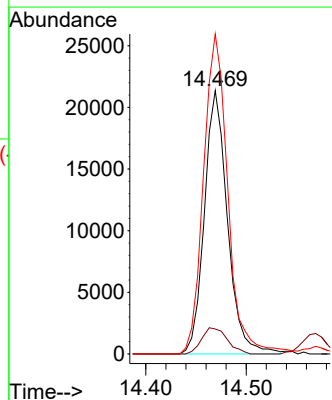
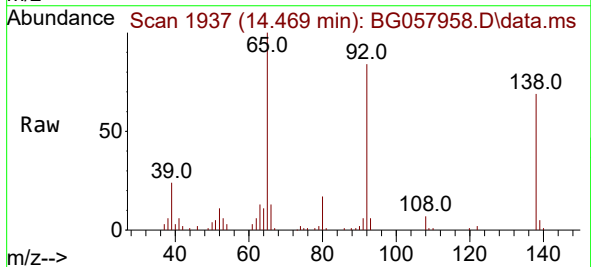


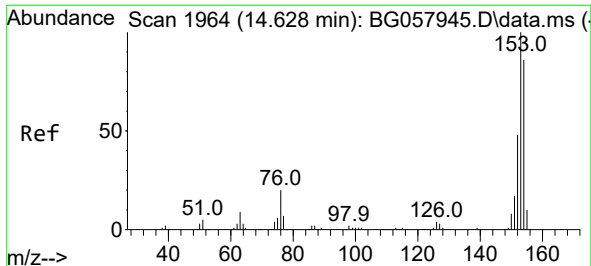
Tgt Ion:152 Resp: 253693
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.4 10.5 15.7



#51
3-Nitroaniline
Concen: 17.087 ng/ul
RT: 14.469 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

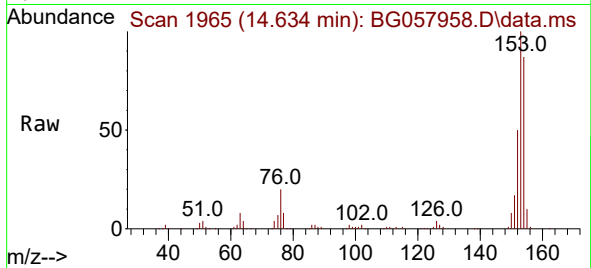
Tgt Ion:138 Resp: 34246
Ion Ratio Lower Upper
138 100
108 9.5 8.2 12.2
92 121.5 100.2 150.4



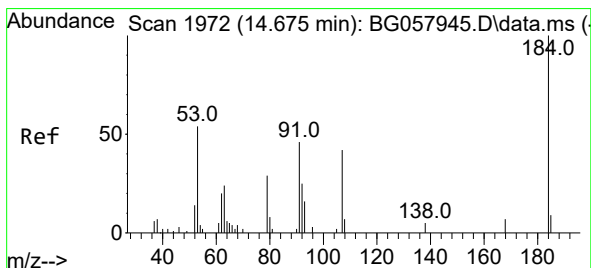
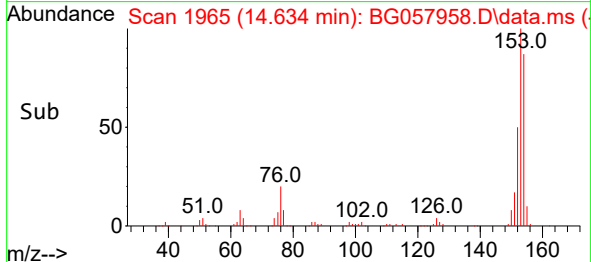
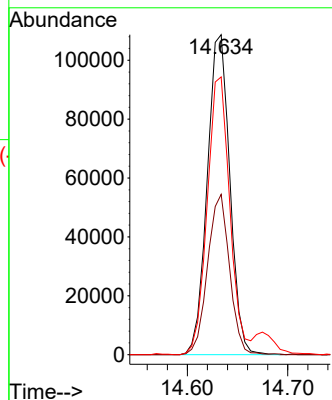


#52
Acenaphthene
Concen: 18.316 ng/ul
RT: 14.634 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Instrument :
BNA_P
ClientSampleId :

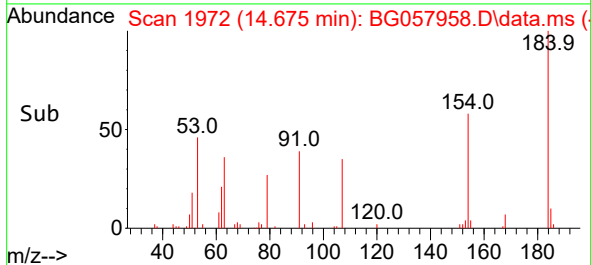
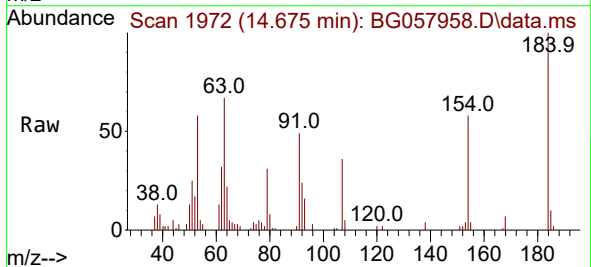
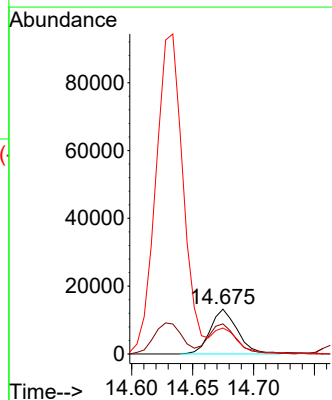


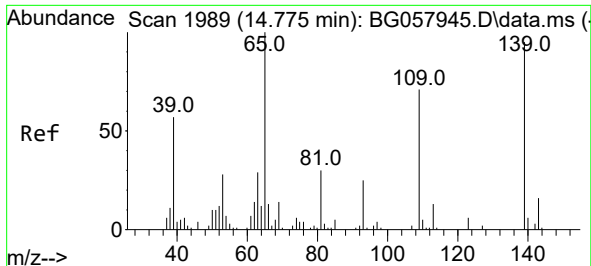
Tgt Ion:153 Resp: 170331
Ion Ratio Lower Upper
153 100
152 50.1 36.5 54.7
154 86.8 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 16.600 ng/ul
RT: 14.675 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

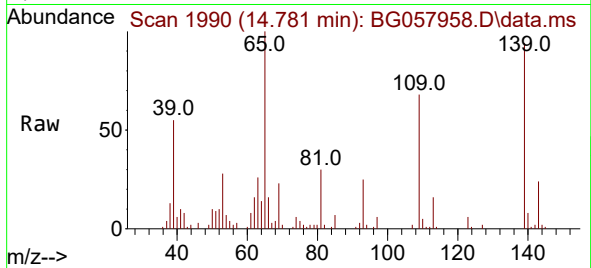
Tgt Ion:184 Resp: 20525
Ion Ratio Lower Upper
184 100
63 67.2 51.1 76.7
154 57.8 43.3 64.9



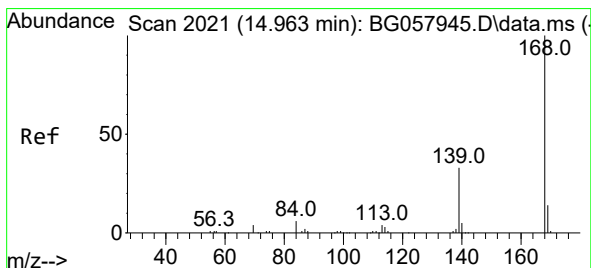
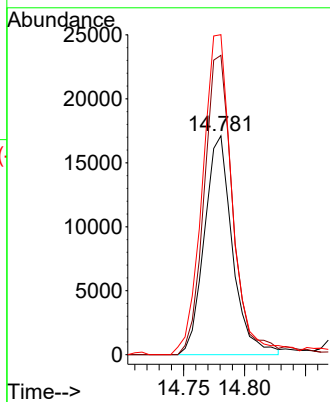
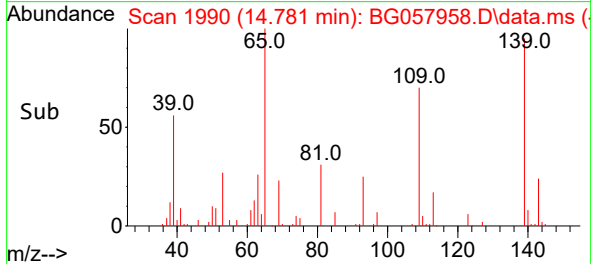


#55
4-Nitrophenol
Concen: 18.195 ng/ul
RT: 14.781 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Instrument :
BNA_P
ClientSampleId :

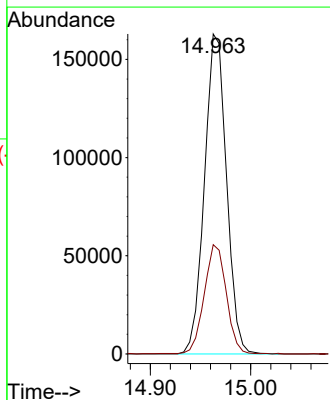
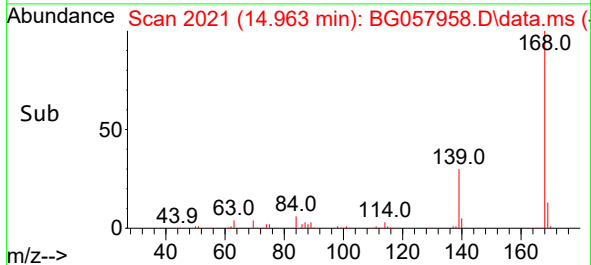
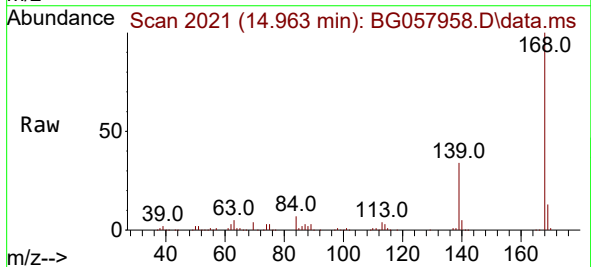


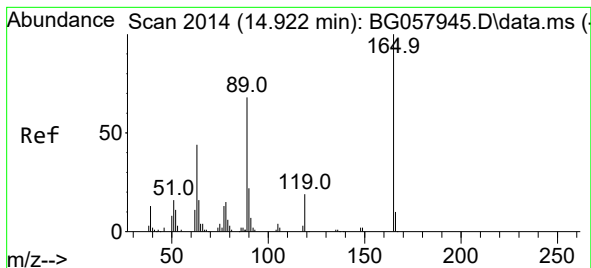
Tgt Ion:109 Resp: 27387
Ion Ratio Lower Upper
109 100
139 136.7 119.0 178.4
65 146.2 135.5 203.3



#56
Dibenzofuran
Concen: 18.836 ng/ul
RT: 14.963 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

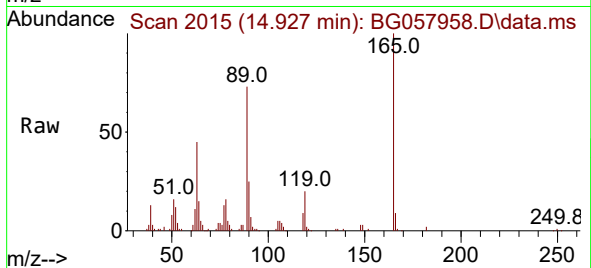
Tgt Ion:168 Resp: 248992
Ion Ratio Lower Upper
168 100
139 34.1 27.6 41.4



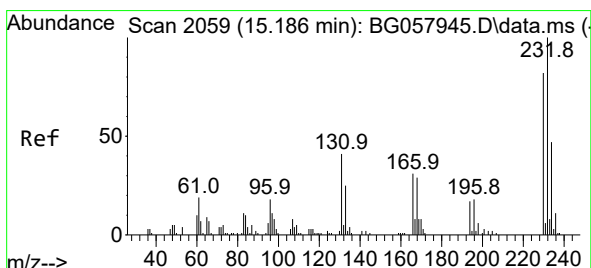
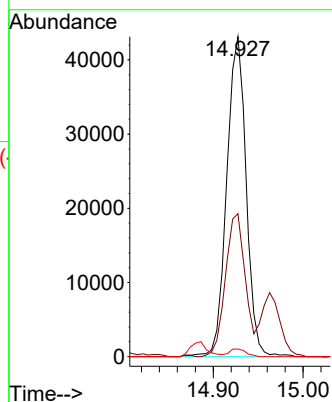
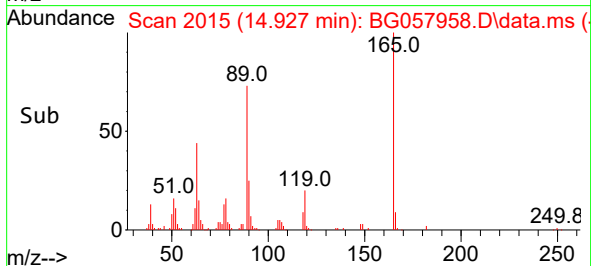


#57
2,4-Dinitrotoluene
Concen: 19.274 ng/ul
RT: 14.927 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Instrument :
BNA_P
ClientSampleId :

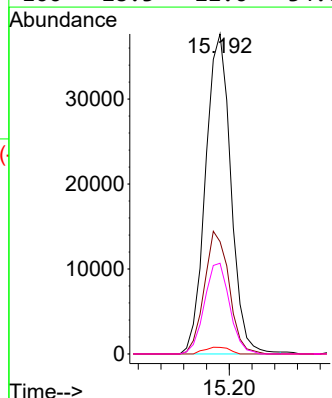
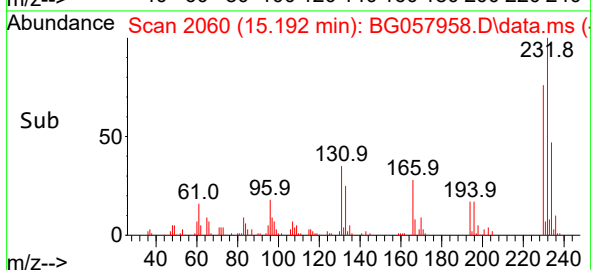
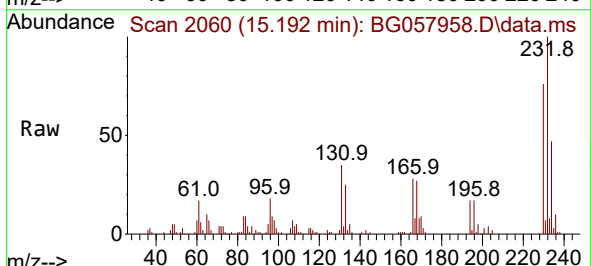


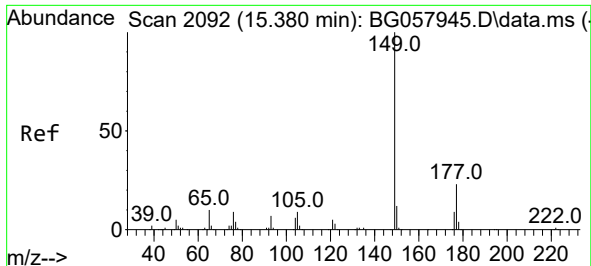
Tgt Ion:165 Resp: 64765
Ion Ratio Lower Upper
165 100
63 44.7 35.8 53.8
182 2.4 1.6 2.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.630 ng/ul
RT: 15.192 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

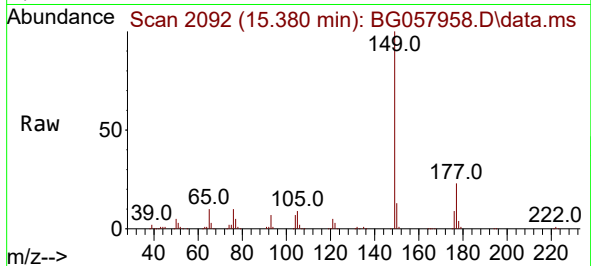
Tgt Ion:232 Resp: 58180
Ion Ratio Lower Upper
232 100
131 35.1 30.5 45.7
130 2.0 1.4 2.0#
166 28.3 22.6 34.0



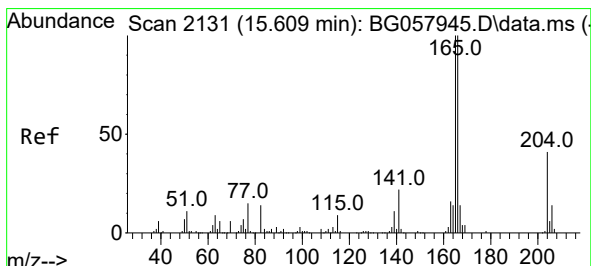
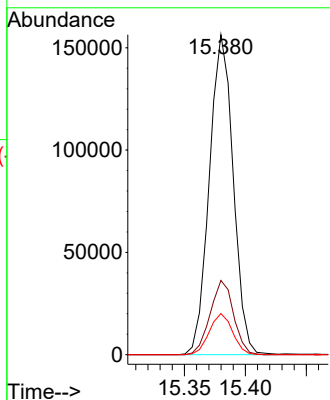
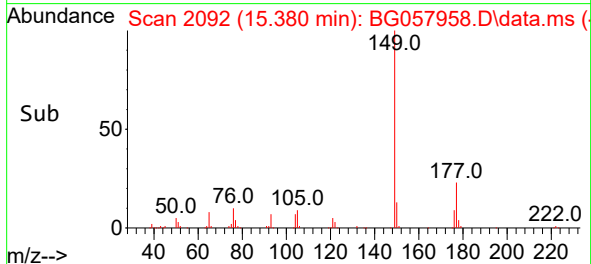


#59
Diethylphthalate
Concen: 17.655 ng/ul
RT: 15.380 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

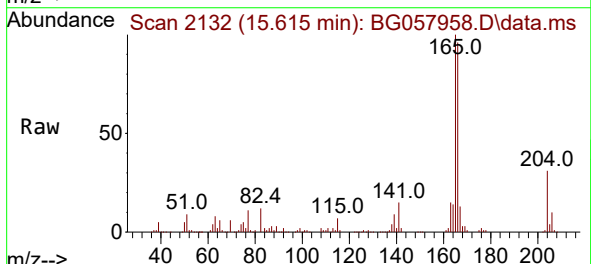
Instrument :
BNA_P
ClientSampleId :



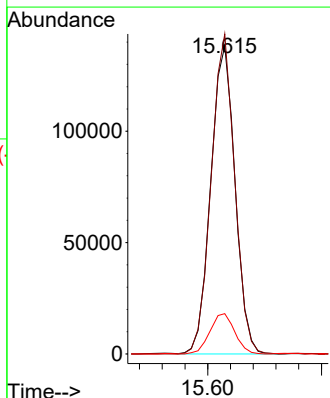
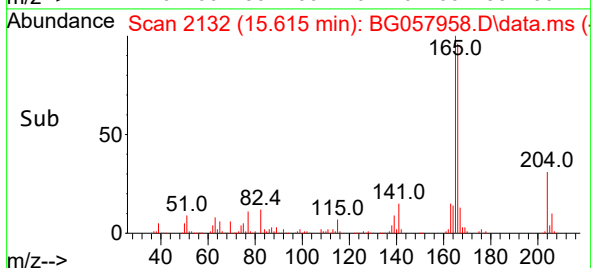
Tgt Ion:149 Resp: 212904
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.9 10.1 15.1

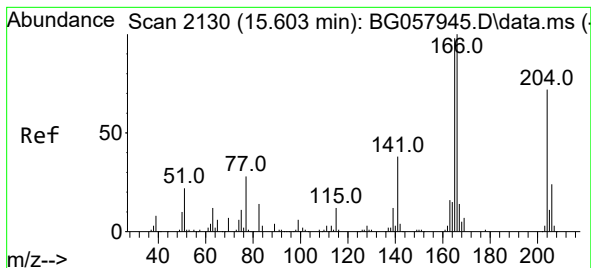


#61
Fluorene
Concen: 18.926 ng/ul
RT: 15.615 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58



Tgt Ion:166 Resp: 205283
Ion Ratio Lower Upper
166 100
165 103.9 79.1 118.7
167 13.1 10.7 16.1

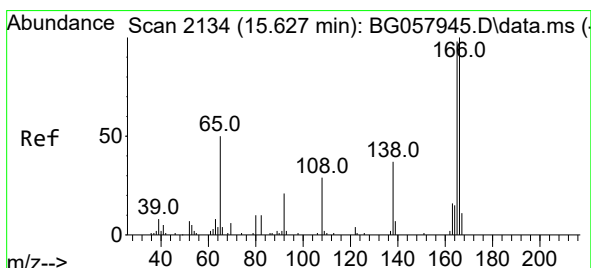
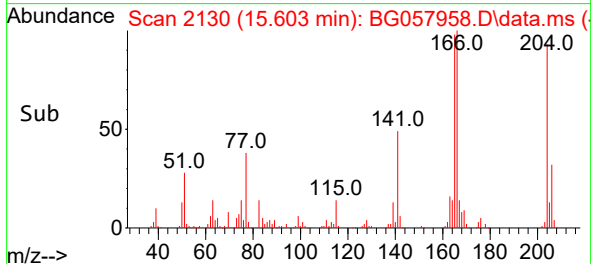
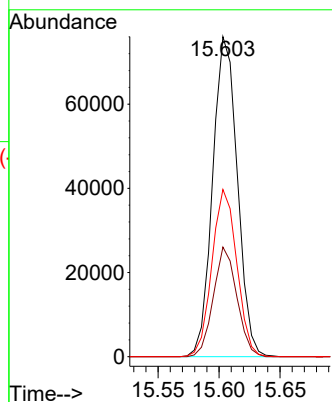
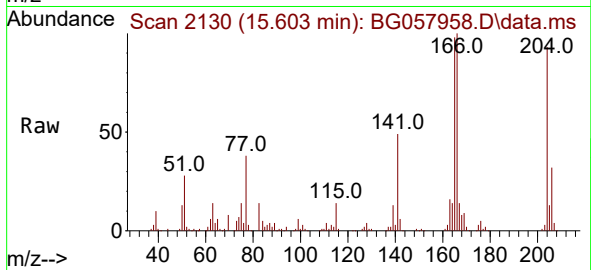




#62
4-Chlorophenyl-phenylether
Concen: 18.686 ng/ul
RT: 15.603 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

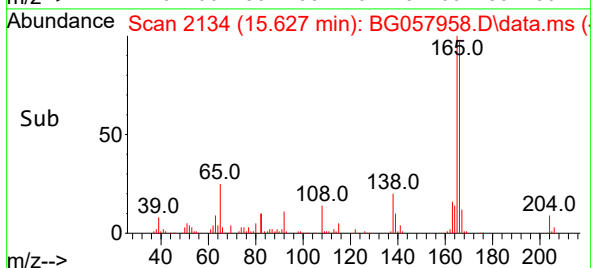
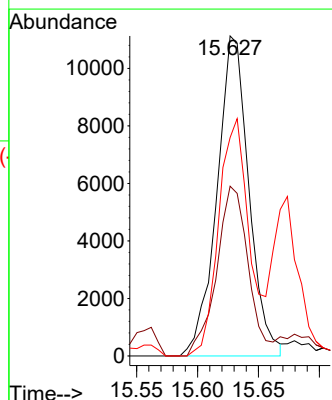
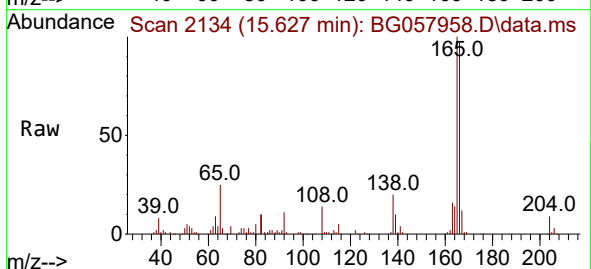
Instrument :
BNA_P
ClientSampleId :

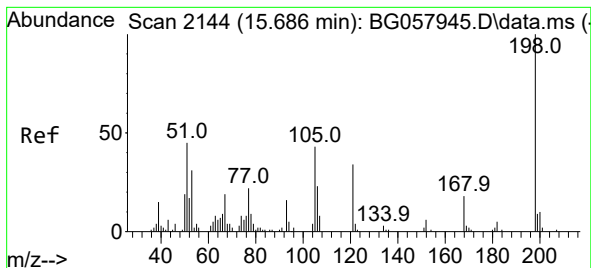
Tgt Ion:204 Resp: 107243
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 52.2 41.8 62.6



#63
4-Nitroaniline
Concen: 11.313 ng/ul
RT: 15.627 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

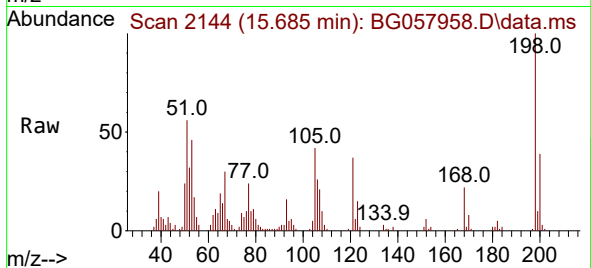
Tgt Ion:138 Resp: 20312
Ion Ratio Lower Upper
138 100
92 53.0 43.8 65.8
108 68.3 58.8 88.2



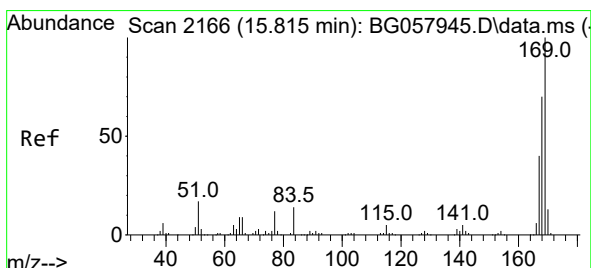
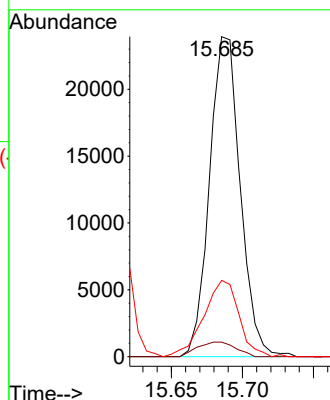
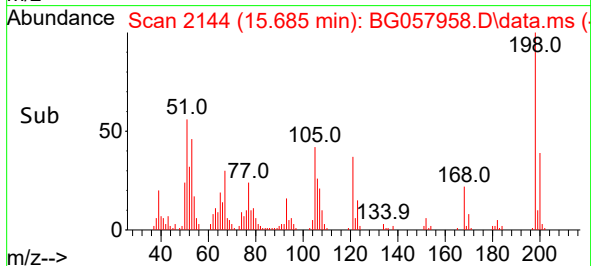


#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.533 ng/ul
 RT: 15.685 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BG057958.D
 Acq: 3 Jul 2023 16:58

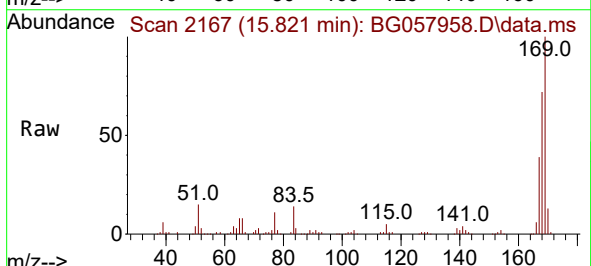
Instrument :
 BNA_P
 ClientSampleId :



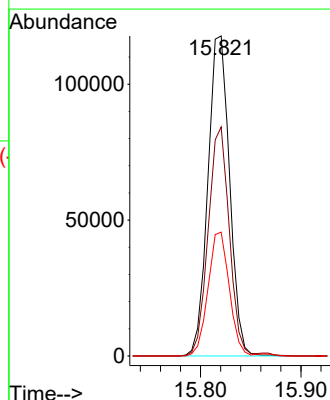
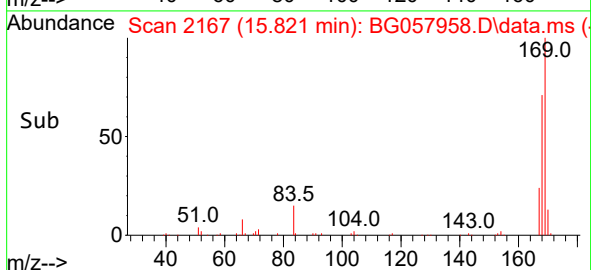
Tgt Ion:198 Resp: 35943
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.1 4.7
 77 23.9 17.9 26.9

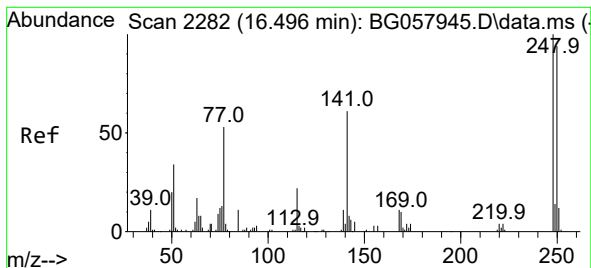


#67
 N-Nitrosodiphenylamine
 Concen: 18.022 ng/ul
 RT: 15.821 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: BG057958.D
 Acq: 3 Jul 2023 16:58



Tgt Ion:169 Resp: 177071
 Ion Ratio Lower Upper
 169 100
 168 71.6 54.2 81.2
 167 38.7 30.8 46.2

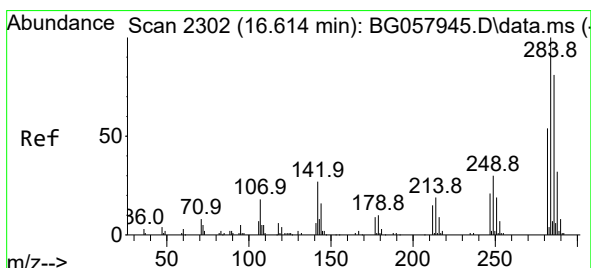
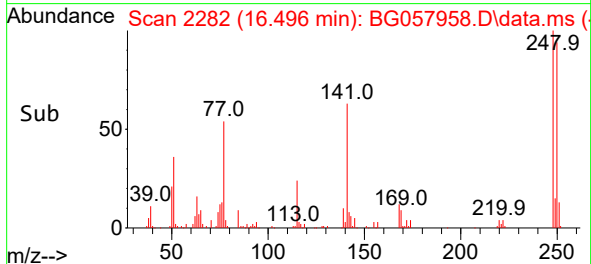
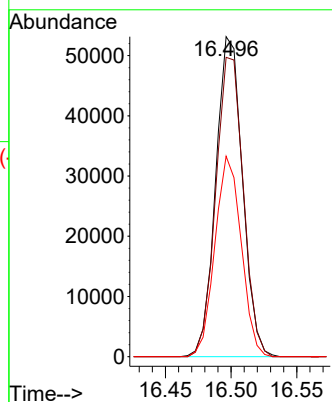
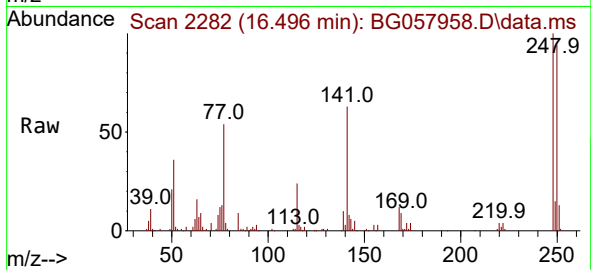




#68
4-Bromophenyl-phenylether
Concen: 18.584 ng/ul
RT: 16.496 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

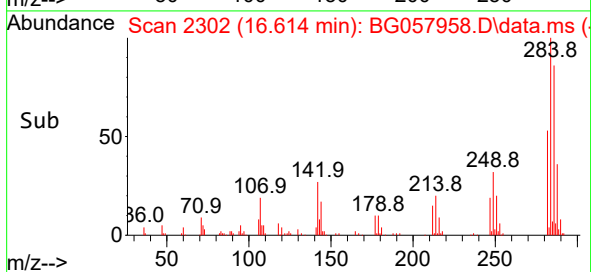
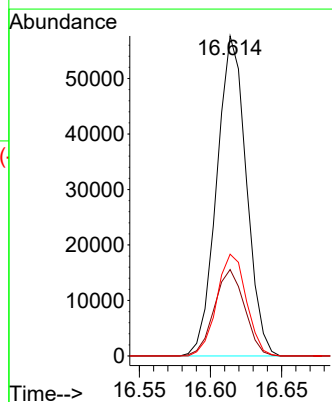
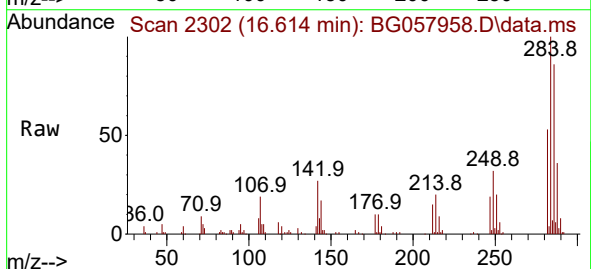
Instrument :
BNA_P
ClientSampleId :

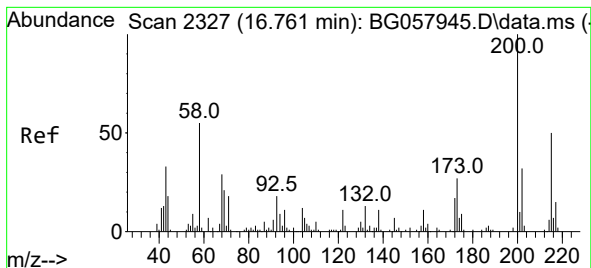
Tgt Ion:248 Resp: 75312
Ion Ratio Lower Upper
248 100
250 93.6 78.3 117.5
141 62.6 49.1 73.7



#69
Hexachlorobenzene
Concen: 18.385 ng/ul
RT: 16.614 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:284 Resp: 83414
Ion Ratio Lower Upper
284 100
142 27.0 21.9 32.9
249 31.8 25.0 37.6





#70

Atrazine

Concen: 17.461 ng/ul

RT: 16.766 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

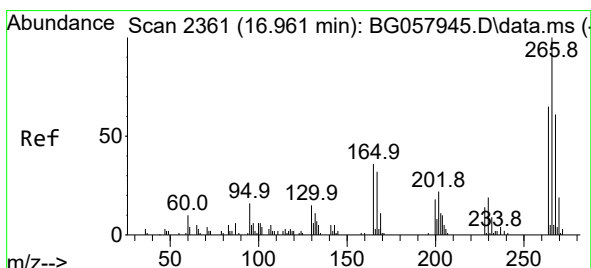
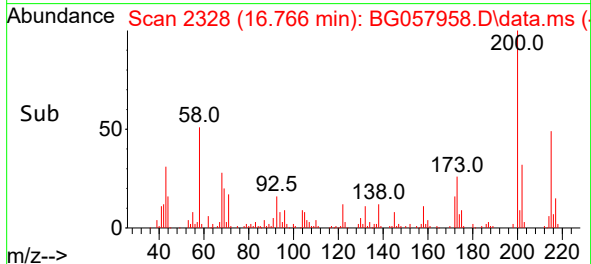
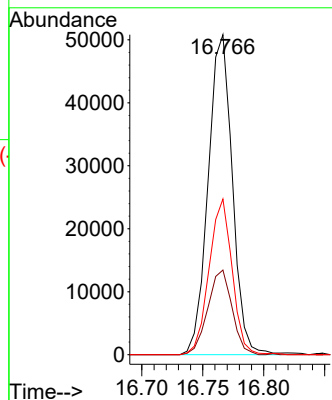
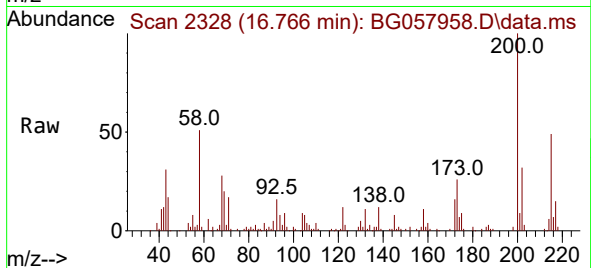
Tgt Ion:200 Resp: 70156

Ion Ratio Lower Upper

200 100

173 26.4 20.0 30.0

215 48.7 35.8 53.8



#71

Pentachlorophenol

Concen: 17.608 ng/ul

RT: 16.960 min Scan# 2361

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

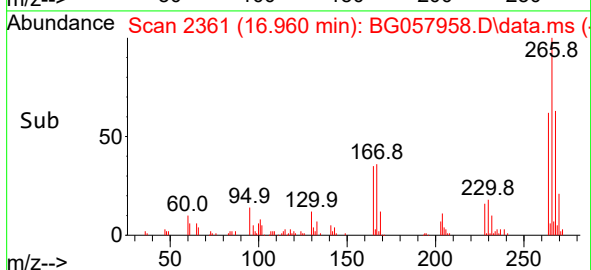
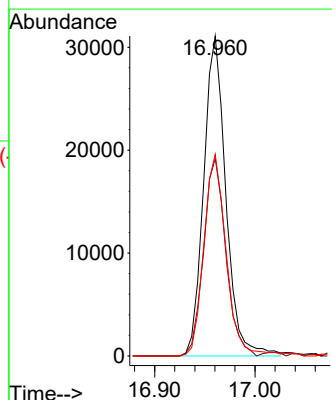
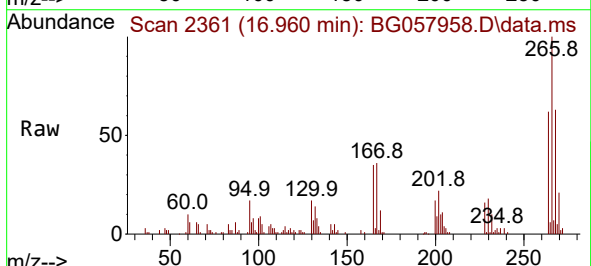
Tgt Ion:266 Resp: 47963

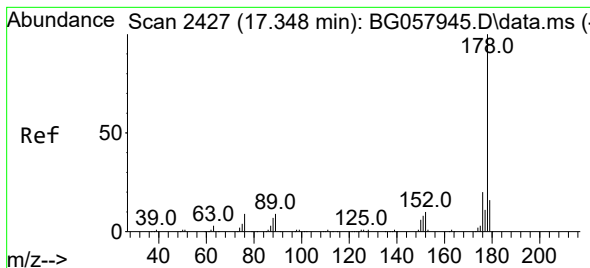
Ion Ratio Lower Upper

266 100

264 61.7 51.5 77.3

268 63.0 49.0 73.4





#72

Phenanthrene

Concen: 18.251 ng/ul

RT: 17.354 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

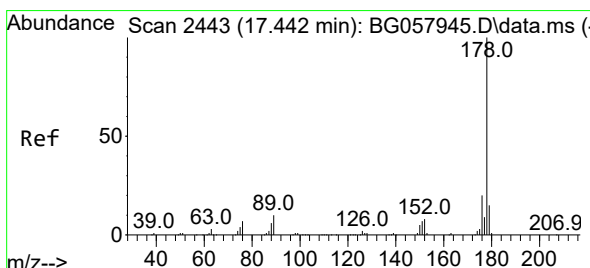
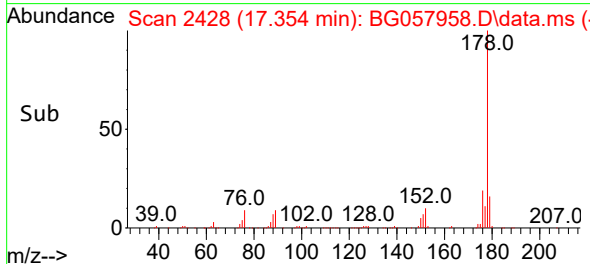
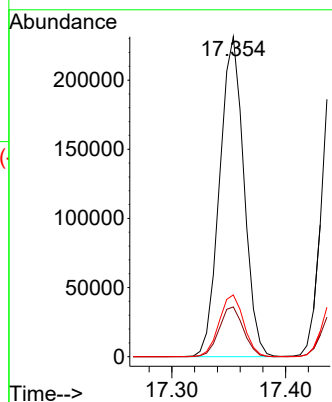
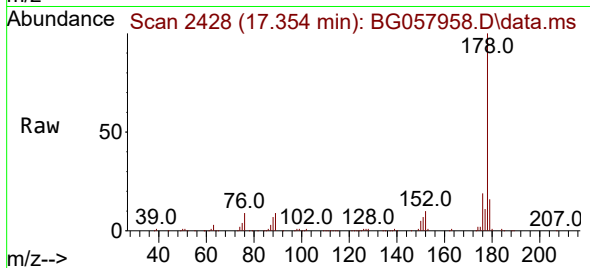
Tgt Ion:178 Resp: 342734

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.3 15.7 23.5



#74

Anthracene

Concen: 18.235 ng/ul

RT: 17.442 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

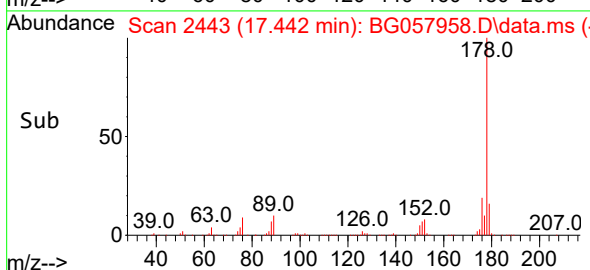
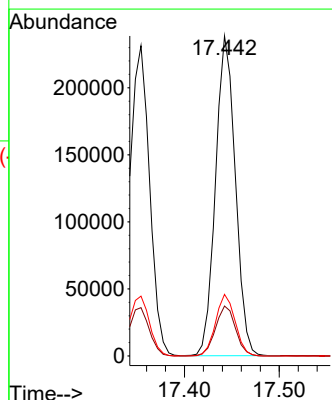
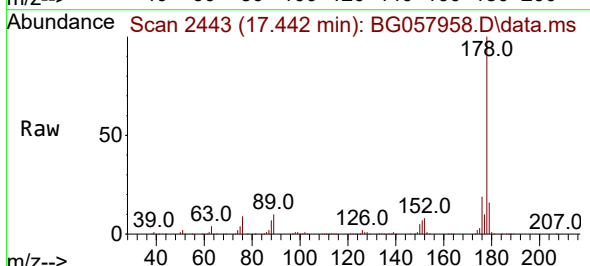
Tgt Ion:178 Resp: 346536

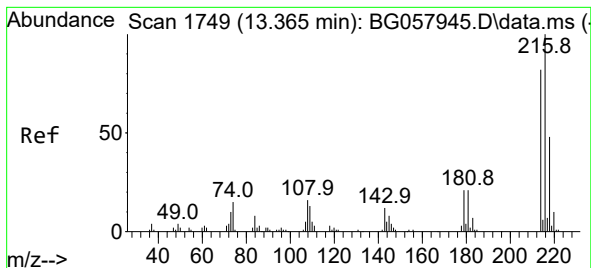
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.2 15.4 23.2

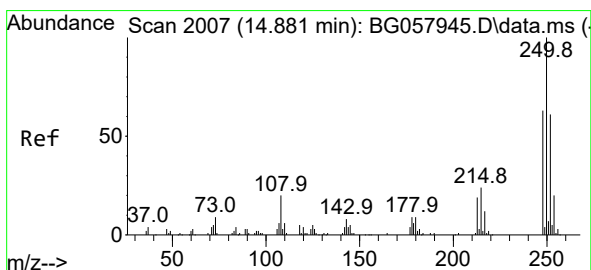
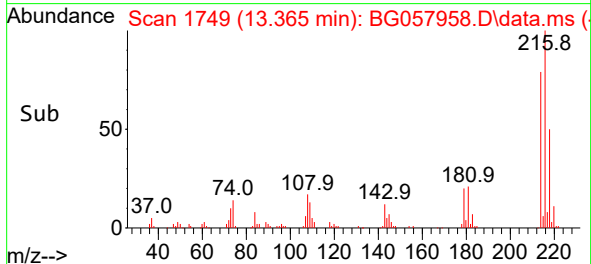
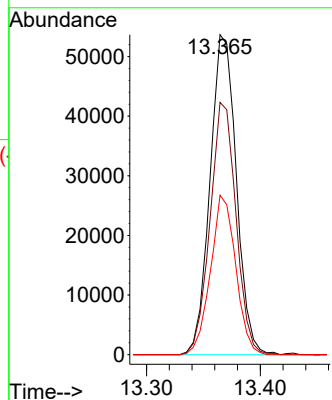
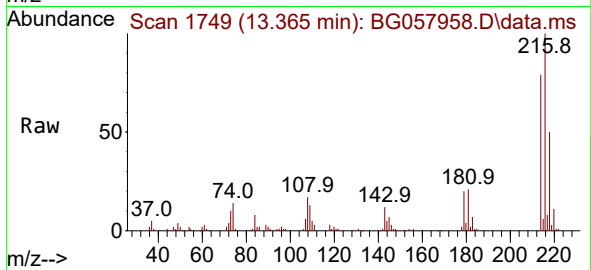




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.624 ng/uL
RT: 13.365 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

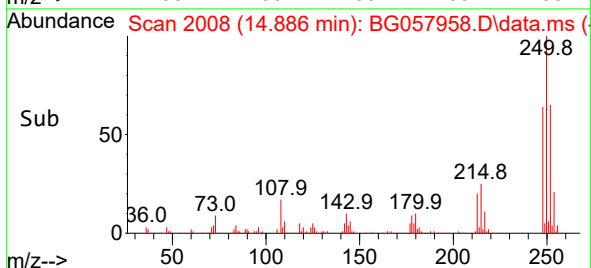
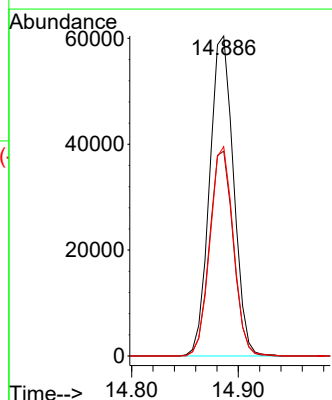
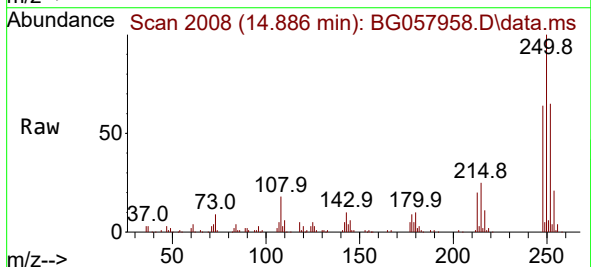
Instrument :
BNA_P
ClientSampleId :

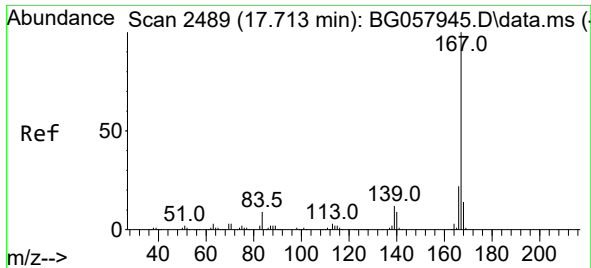
Tgt Ion:216 Resp: 86289
Ion Ratio Lower Upper
216 100
214 78.9 64.8 97.2
218 49.8 39.1 58.7



#76
Pentachlorobenzene
Concen: 18.008 ng/uL
RT: 14.886 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

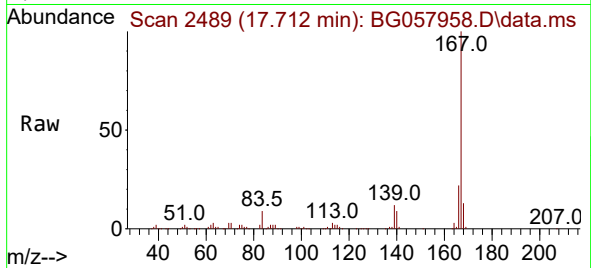
Tgt Ion:250 Resp: 94165
Ion Ratio Lower Upper
250 100
248 64.0 52.8 79.2
252 65.4 52.4 78.6





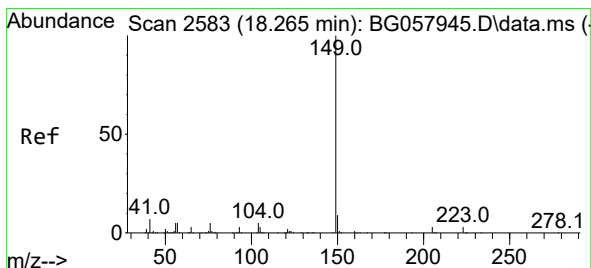
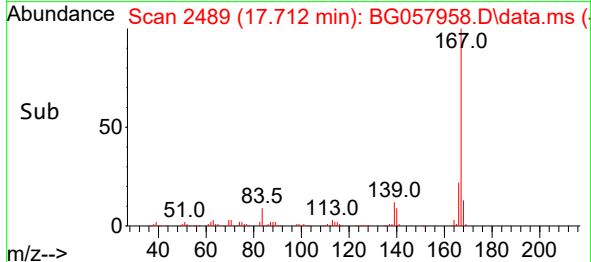
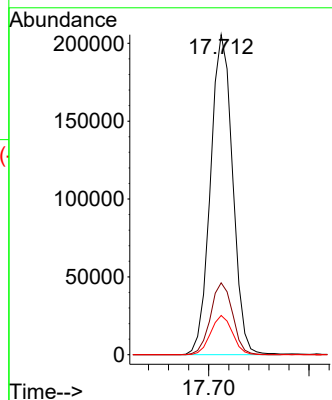
#77
 Carbazole
 Concen: 18.372 ng/ul
 RT: 17.712 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BG057958.D
 Acq: 3 Jul 2023 16:58

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:167 Resp: 315760

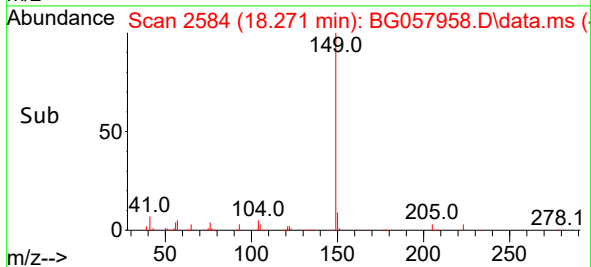
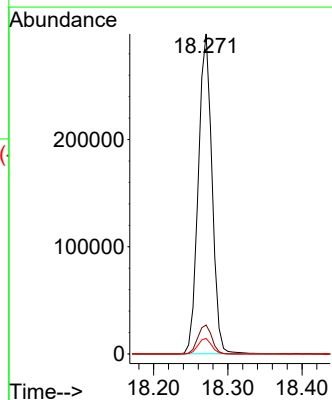
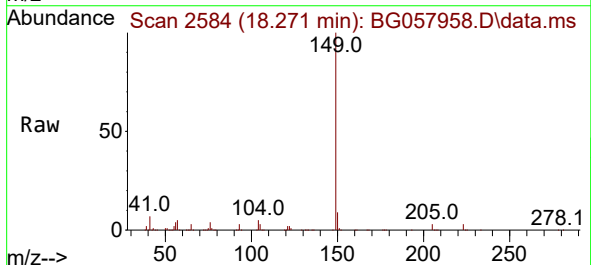
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	12.3	9.5	14.3

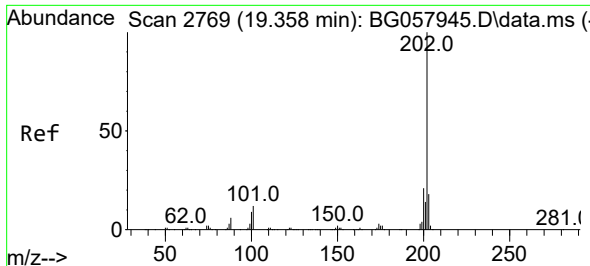


#78
 Di-n-butylphthalate
 Concen: 17.494 ng/ul
 RT: 18.271 min Scan# 2584
 Delta R.T. 0.006 min
 Lab File: BG057958.D
 Acq: 3 Jul 2023 16:58

Tgt Ion:149 Resp: 383001

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.8	3.9	5.9

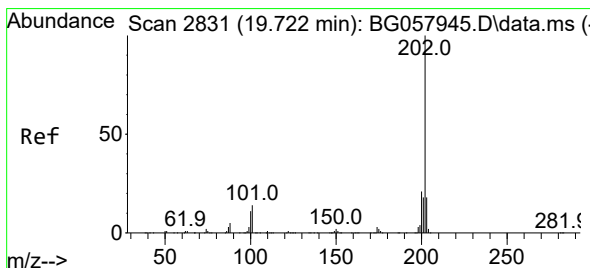
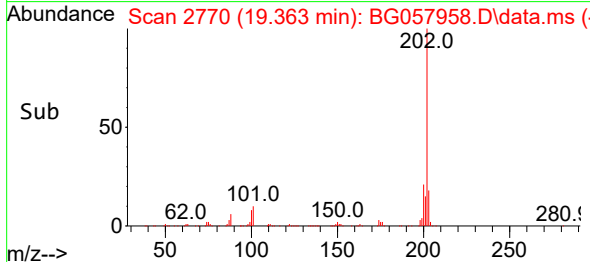
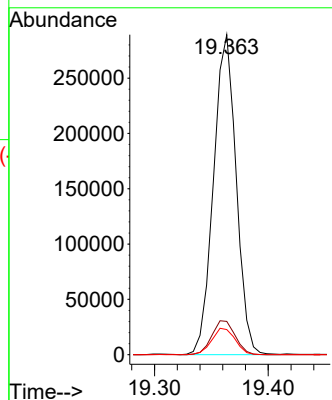
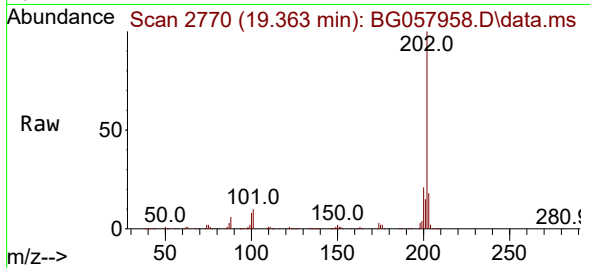




#80
Fluoranthene
Concen: 18.055 ng/u1
RT: 19.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

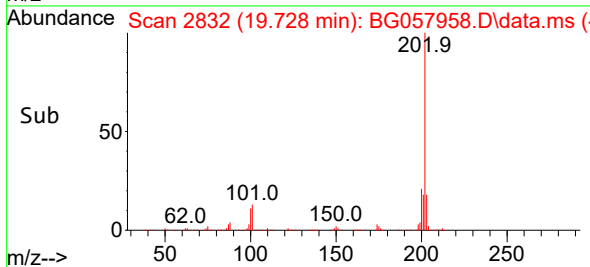
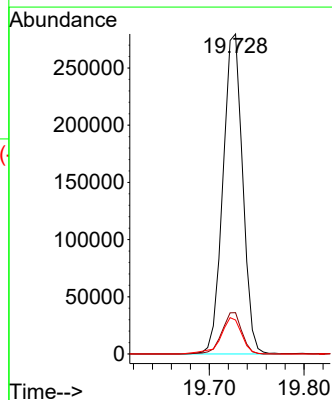
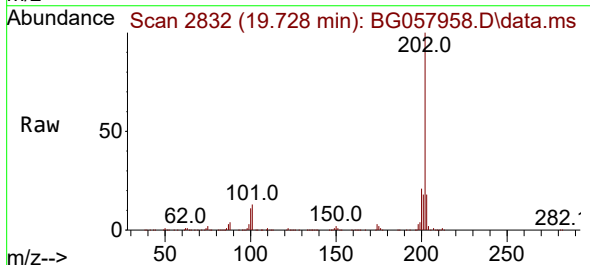
Instrument :
BNA_P
ClientSampleId :

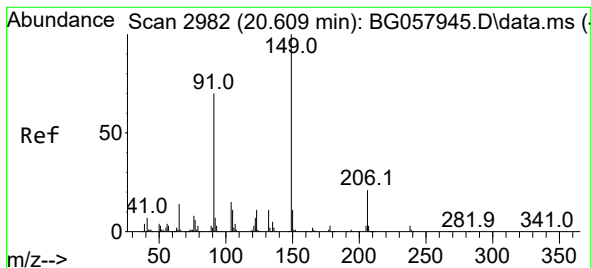
Tgt Ion:202 Resp: 400977
Ion Ratio Lower Upper
202 100
101 10.4 9.1 13.7
100 7.8 7.1 10.7



#82
Pyrene
Concen: 18.084 ng/u1
RT: 19.728 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BG057958.D
Acq: 3 Jul 2023 16:58

Tgt Ion:202 Resp: 404286
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 10.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 18.008 ng/ul

RT: 20.609 min Scan# 2982

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

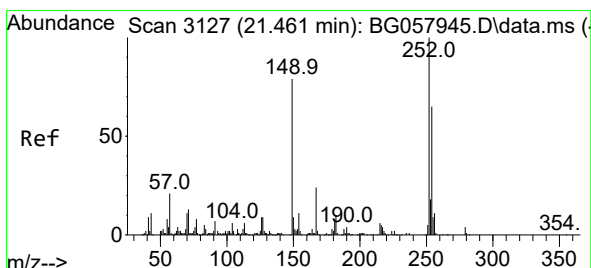
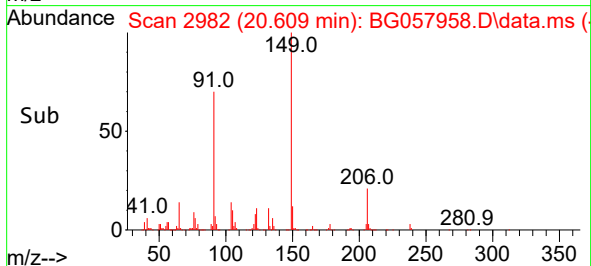
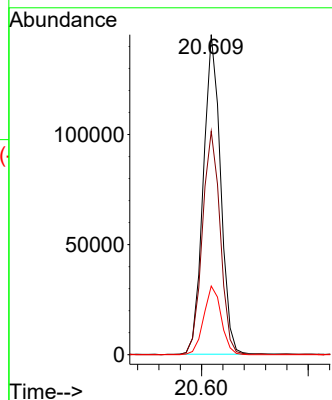
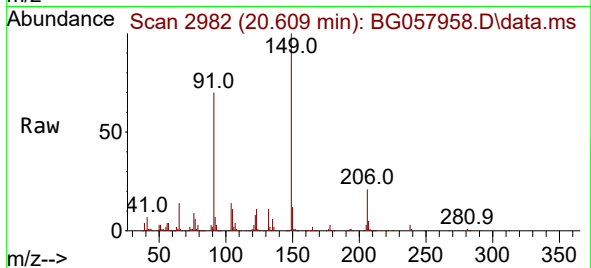
Tgt Ion:149 Resp: 163247

Ion Ratio Lower Upper

149 100

91 69.8 56.5 84.7

206 21.4 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 19.885 ng/ul

RT: 21.461 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

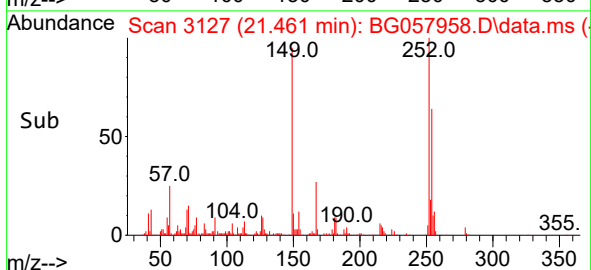
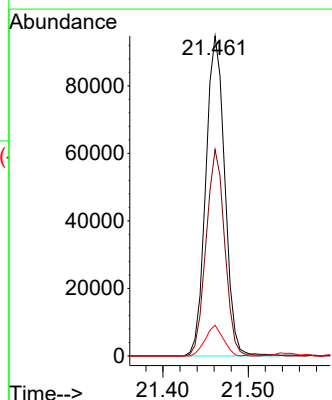
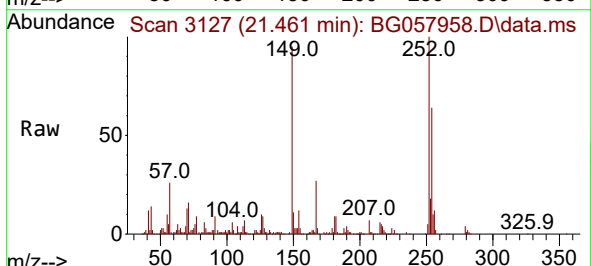
Tgt Ion:252 Resp: 146499

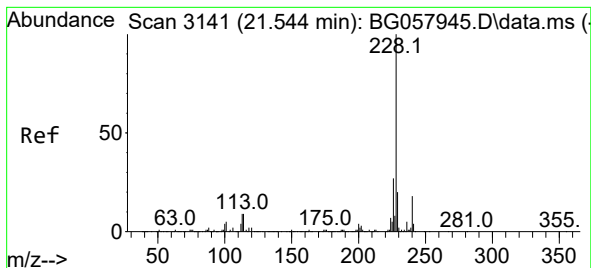
Ion Ratio Lower Upper

252 100

254 64.5 50.7 76.1

126 9.6 6.6 10.0





#85

Benzo(a)anthracene

Concen: 18.166 ng/ul

RT: 21.543 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

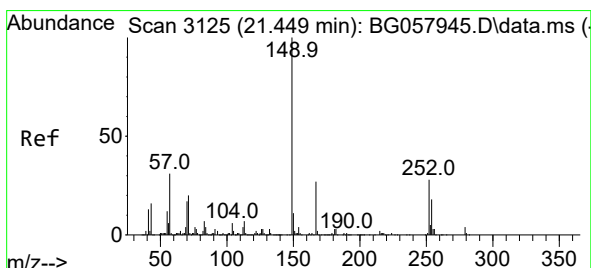
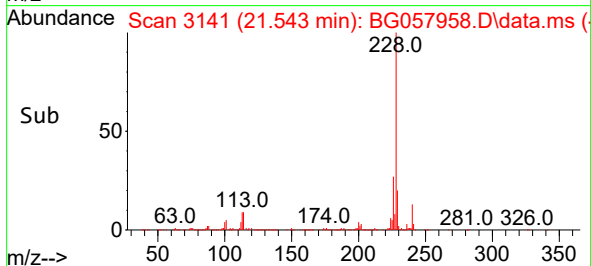
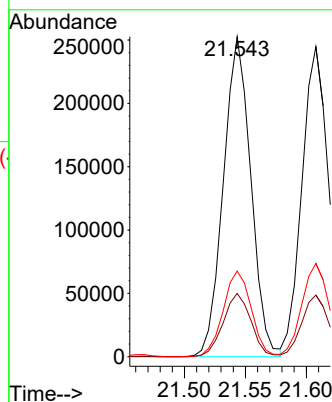
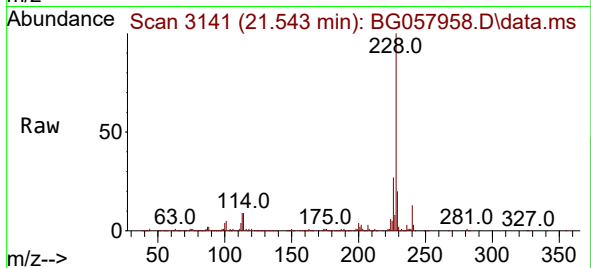
Tgt Ion:228 Resp: 396938

Ion Ratio Lower Upper

228 100

229 19.7 16.0 24.0

226 26.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.354 ng/ul

RT: 21.449 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

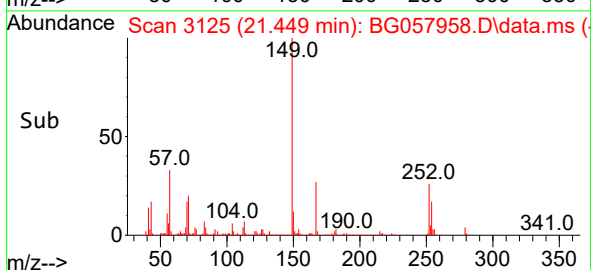
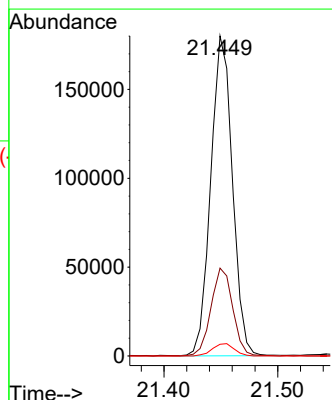
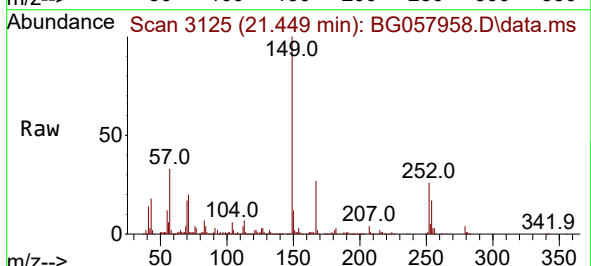
Tgt Ion:149 Resp: 238431

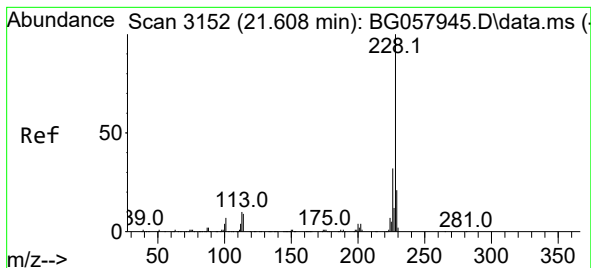
Ion Ratio Lower Upper

149 100

167 27.5 20.9 31.3

279 3.7 3.1 4.7





#87

Chrysene

Concen: 18.274 ng/ul

RT: 21.608 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

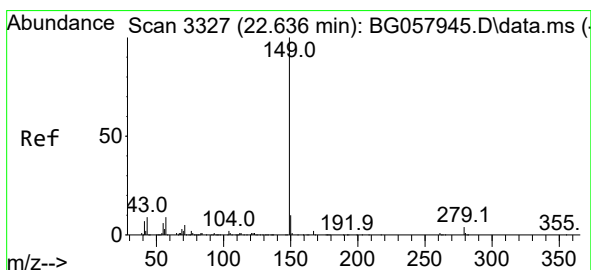
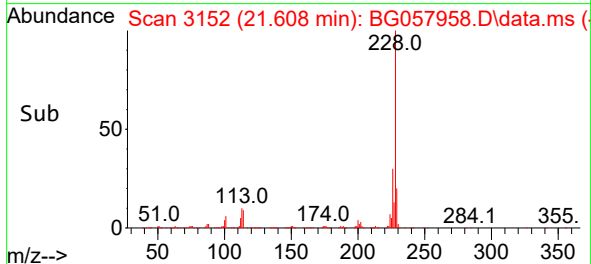
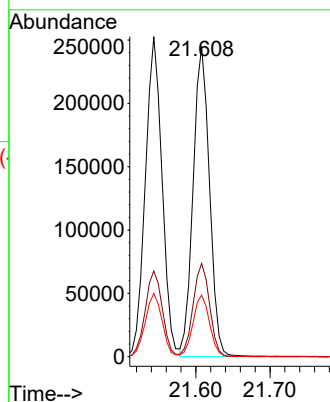
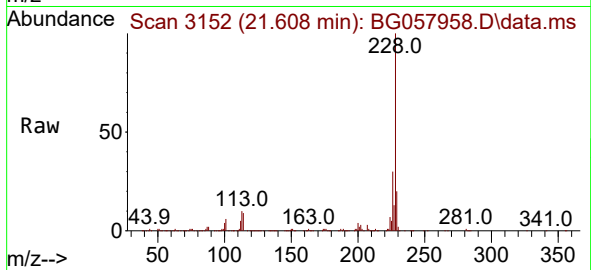
Tgt Ion:228 Resp: 374313

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.106 ng/ul

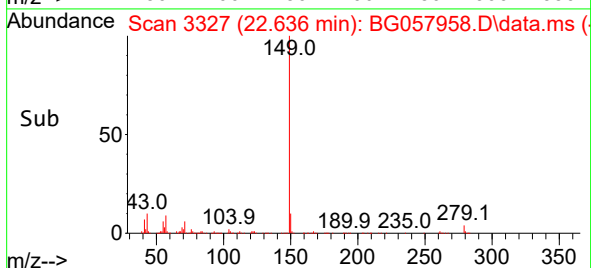
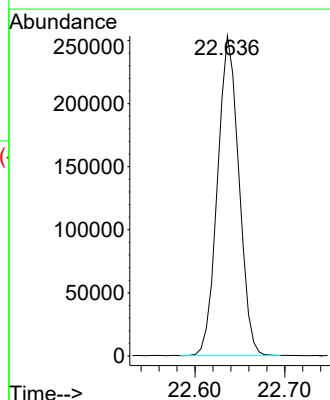
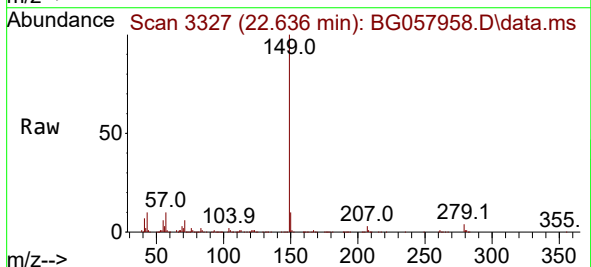
RT: 22.636 min Scan# 3327

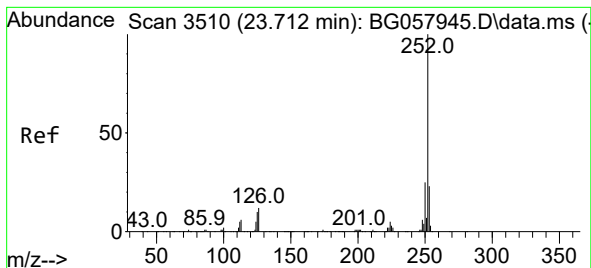
Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Tgt Ion:149 Resp: 418656





#90

Benzo(b)fluoranthene

Concen: 17.623 ng/ul

RT: 23.711 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

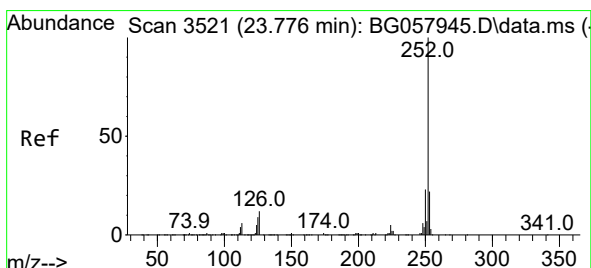
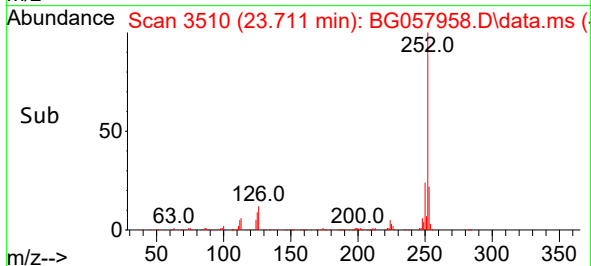
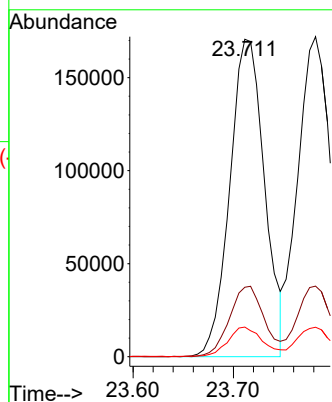
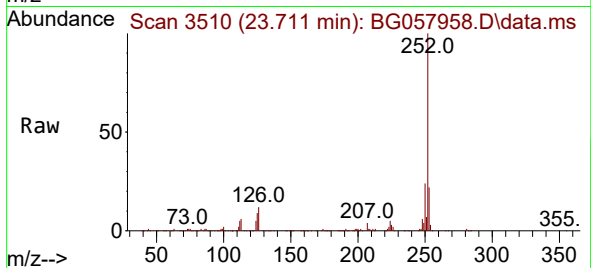
Tgt Ion:252 Resp: 410639

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 9.3 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 17.497 ng/ul

RT: 23.782 min Scan# 3522

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

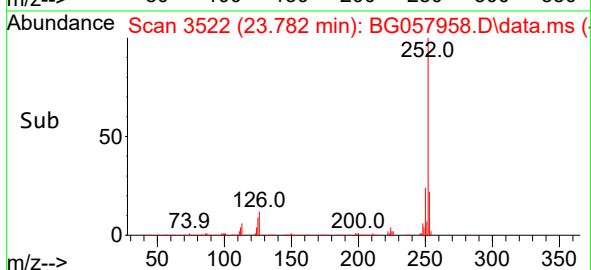
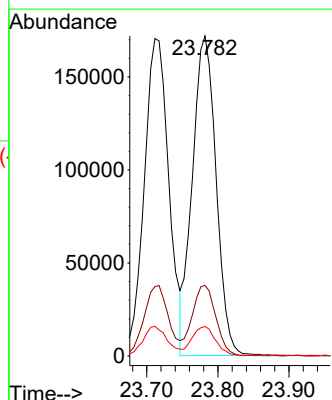
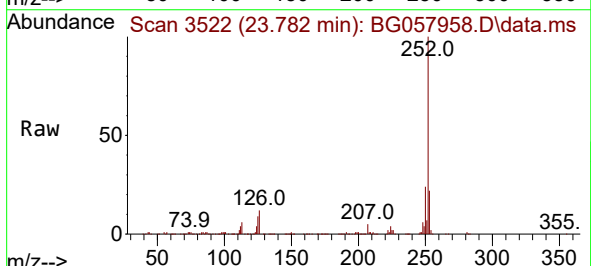
Tgt Ion:252 Resp: 399628

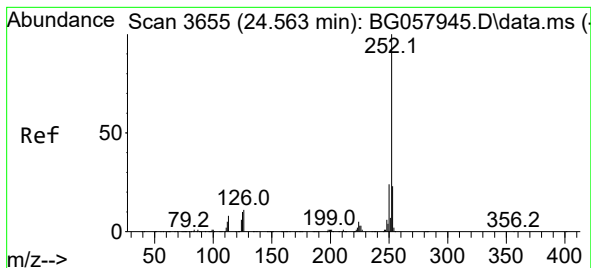
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 17.329 ng/ul

RT: 24.569 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

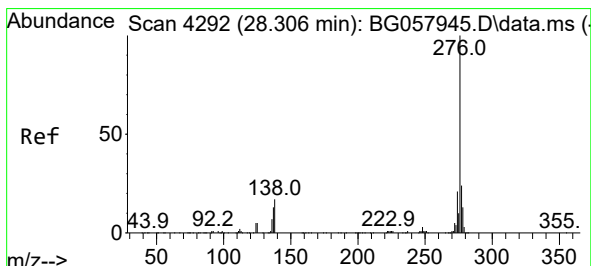
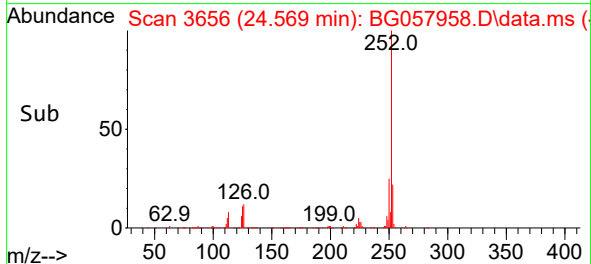
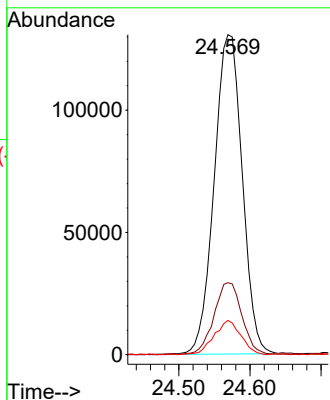
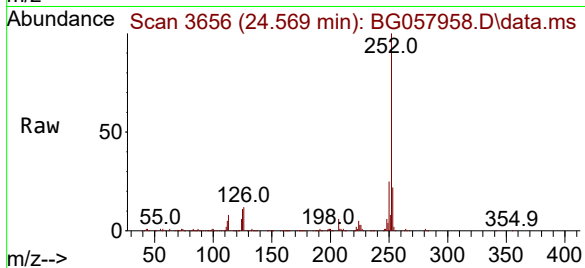
Tgt Ion:252 Resp: 357408

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 10.7 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.703 ng/ul

RT: 28.312 min Scan# 4293

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

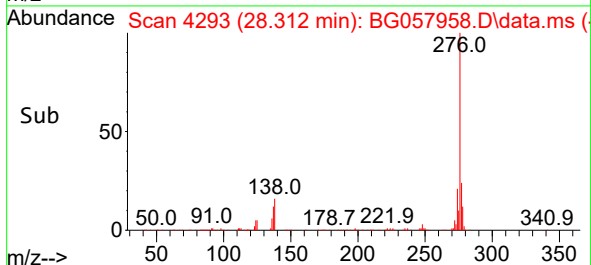
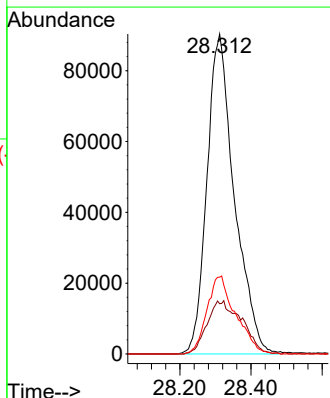
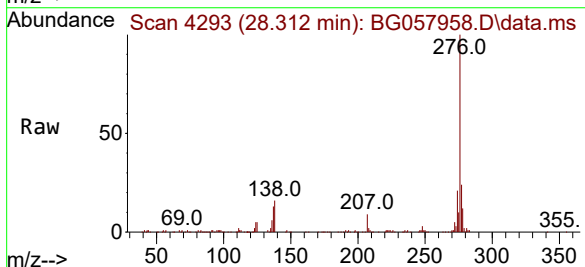
Tgt Ion:276 Resp: 484859

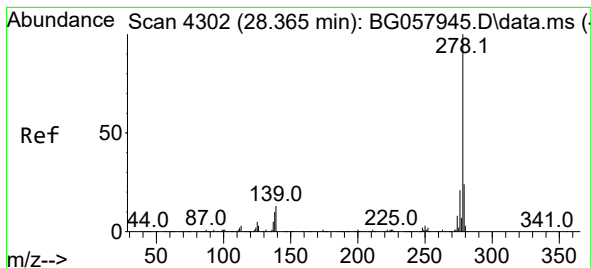
Ion Ratio Lower Upper

276 100

138 15.7 14.0 21.0

277 24.0 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 17.578 ng/ul

RT: 28.365 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Instrument :

BNA_P

ClientSampleId :

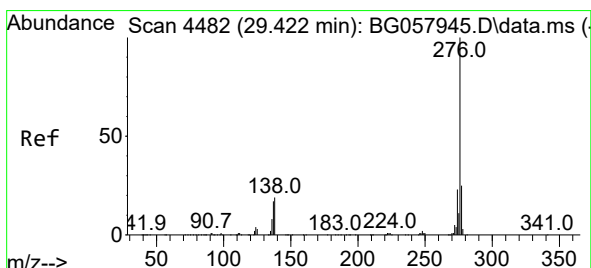
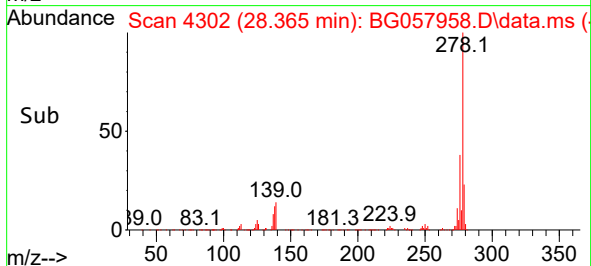
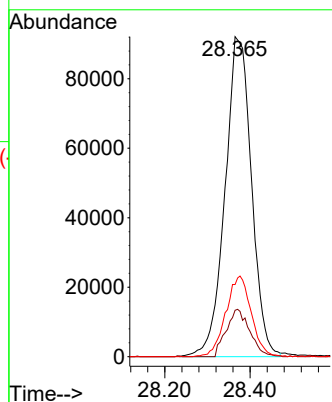
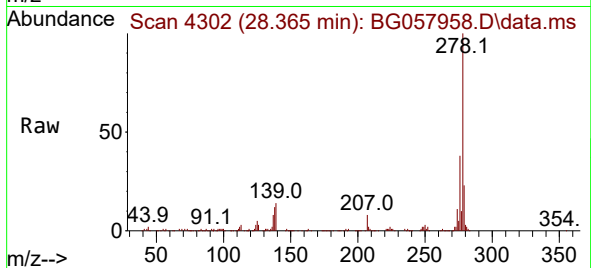
Tgt Ion:278 Resp: 396988

Ion Ratio Lower Upper

278 100

139 14.5 11.3 16.9

279 22.6 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 17.614 ng/ul

RT: 29.434 min Scan# 4484

Delta R.T. 0.006 min

Lab File: BG057958.D

Acq: 3 Jul 2023 16:58

Tgt Ion:276 Resp: 394018

Ion Ratio Lower Upper

276 100

138 18.6 14.2 21.2

277 22.6 18.6 27.8

