

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057957.D
 Acq On : 3 Jul 2023 16:15
 Operator : CG/JU
 Sample : PB153507BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:54:21 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	7.935	152	33641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.738	136	163349	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	119438	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	293906	20.000	ng/ul	0.00
79) Chrysene-d12	21.566	240	233631	20.000	ng/ul	0.00
88) Perylene-d12	24.721	264	289273	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	7384	7.686	ng/uL	0.00
4) Pyridine-d5	3.781	84	109203	37.441	ng/ul	0.00
7) Phenol-d5	7.095	99	143977	41.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	83601	40.379	ng/ul	0.00
11) 2-Chlorophenol-d4	7.465	132	102843	43.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	112774	43.503	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	53140	39.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.821	143	57868	41.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	113726	42.368	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	157397	38.675	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	378268	40.140	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	432510	42.058	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	72817	43.735	ng/ul	0.00
60) Fluorene-d10	15.562	176	335924	41.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	66165	41.459	ng/ul	0.01
73) Anthracene-d10	17.412	188	555684	40.745	ng/ul	0.00
81) Pyrene-d10	19.698	212	622497	42.306	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	630966	42.813	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	15512	13.070	ng/uL	93
5) Pyridine	3.799	79	101015	33.802	ng/ul	98
6) Benzaldehyde	7.071	77	70555	61.494	ng/ul	97
8) Phenol	7.124	94	136213	39.070	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.353	93	97199	36.108	ng/ul	97
12) 2-Chlorophenol	7.500	128	93639	37.976	ng/ul	99
13) 2-Methylphenol	8.376	108	104051	38.002	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.458	45	152713	36.854	ng/ul#	95
16) Acetophenone	8.758	105	158696	36.898	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.740	70	83004	36.101	ng/ul#	98
18) 4-Methylphenol	8.705	108	114688	38.738	ng/ul	96
19) Hexachloroethane	9.016	117	35340	37.386	ng/ul	98
22) Nitrobenzene	9.140	77	122566	35.463	ng/ul#	94
23) Isophorone	9.663	82	255579	34.655	ng/ul	99
25) 2-Nitrophenol	9.851	139	53967	35.943	ng/ul	94
26) 2,4-Dimethylphenol	9.909	107	118746	35.171	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.144	93	140904	33.905	ng/ul	99
29) 2,4-Dichlorophenol	10.385	162	97604	37.398	ng/ul	95
30) Naphthalene	10.791	128	326353	35.551	ng/ul	99
32) 4-Chloroaniline	10.896	127	129199	31.048	ng/ul	99
33) Hexachlorobutadiene	11.073	225	64653	34.992	ng/ul	98
34) Caprolactam	11.654	113	24052	22.923	ng/ul	93
35) 4-Chloro-3-methylphenol	12.024	107	124414	38.808	ng/ul	100
36) 2-Methylnaphthalene	12.395	142	223283	36.082	ng/ul	95

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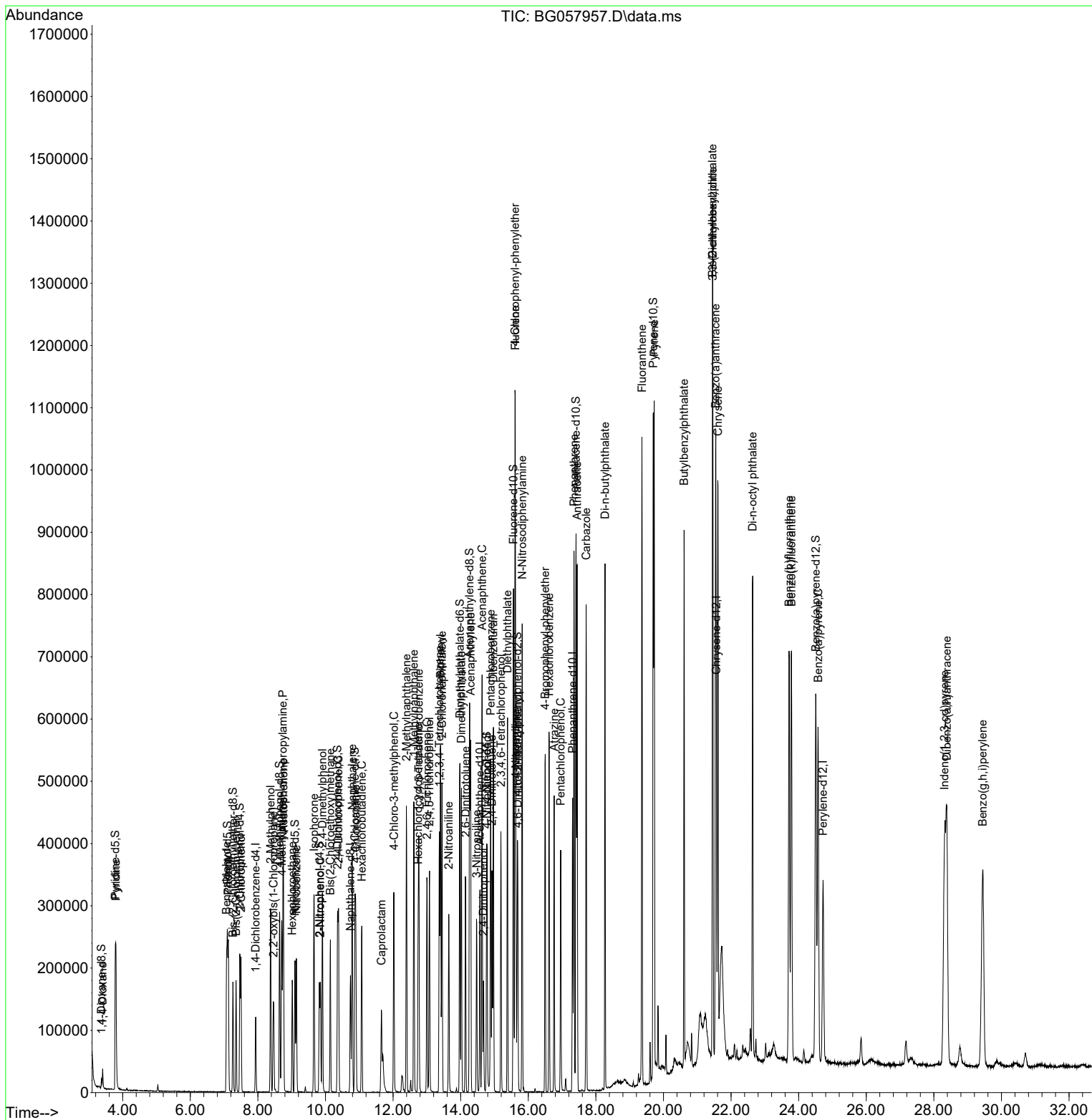
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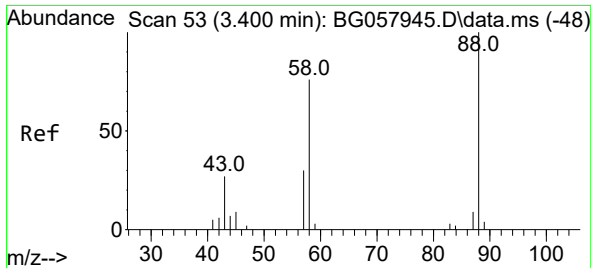
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	228308	36.792	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.765	216	131084	36.014	ng/ul	96
40) Hexachlorocyclopentadiene	12.741	237	69635	30.373	ng/ul	97
41) 2,4,6-Trichlorophenol	13.006	196	92811	37.622	ng/ul	98
42) 2,4,5-Trichlorophenol	13.076	196	102698	38.493	ng/ul	94
43) 1,1'-Biphenyl	13.405	154	306816	35.646	ng/ul	98
44) 2-Chloronaphthalene	13.446	162	245662	35.562	ng/ul	99
45) 2-Nitroaniline	13.646	65	90892	37.844	ng/ul	99
47) Dimethylphthalate	14.022	163	330892	34.949	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	72508	37.310	ng/ul	97
50) Acenaphthylene	14.292	152	404649	36.439	ng/ul	98
51) 3-Nitroaniline	14.475	138	72343	44.049	ng/ul	97
52) Acenaphthene	14.633	153	279794	36.717	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	38957	38.451	ng/ul	92
55) 4-Nitrophenol	14.780	109	46045	37.332	ng/ul	87
56) Dibenzofuran	14.968	168	397343	36.681	ng/ul	100
57) 2,4-Dinitrotoluene	14.927	165	106864	38.811	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.191	232	93497	38.496	ng/ul#	99
59) Diethylphthalate	15.385	149	352328	35.654	ng/ul	99
61) Fluorene	15.614	166	327441	36.841	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.609	204	172900	36.765	ng/ul	98
63) 4-Nitroaniline	15.632	138	72302	49.144	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.691	198	61182	37.488	ng/ul	95
67) N-Nitrosodiphenylamine	15.820	169	282245	36.084	ng/ul	98
68) 4-Bromophenyl-phenylether	16.502	248	121365	37.619	ng/ul	97
69) Hexachlorobenzene	16.619	284	137483	38.063	ng/ul	97
70) Atrazine	16.766	200	87305	27.295	ng/ul	97
71) Pentachlorophenol	16.960	266	79502	36.663	ng/ul	98
72) Phenanthrene	17.354	178	540382	36.146	ng/ul	99
74) Anthracene	17.448	178	545745	36.073	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.370	216	137846	35.364	ng/uL	97
76) Pentachlorobenzene	14.886	250	152621	36.662	ng/uL	95
77) Carbazole	17.712	167	504038	36.838	ng/ul	99
78) Di-n-butylphthalate	18.270	149	625213	35.871	ng/ul	100
80) Fluoranthene	19.363	202	633448	37.152	ng/ul	100
82) Pyrene	19.727	202	631714	36.808	ng/ul	99
83) Butylbenzylphthalate	20.609	149	267843	38.486	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.460	252	238416	42.153	ng/ul	98
85) Benzo(a)anthracene	21.543	228	622967	37.137	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.449	149	377031	37.805	ng/ul	97
87) Chrysene	21.607	228	591018	37.584	ng/ul	99
89) Di-n-octyl phthalate	22.641	149	672225	37.822	ng/ul	100
90) Benzo(b)fluoranthene	23.717	252	662800	37.005	ng/ul	100
91) Benzo(k)fluoranthene	23.787	252	629633	35.864	ng/ul	100
93) Benzo(a)pyrene	24.574	252	575766	36.319	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.317	276	788399	37.451	ng/ul	99
95) Dibenzo(a,h)anthracene	28.382	278	648701	37.369	ng/ul	98
96) Benzo(g,h,i)perylene	29.445	276	644910	37.506	ng/ul	98

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

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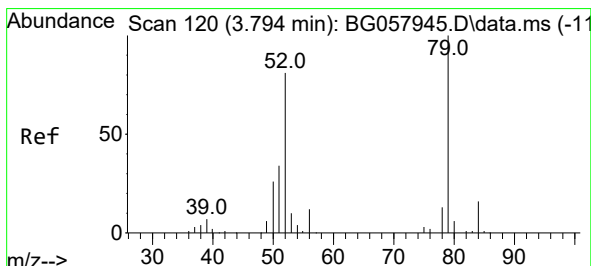
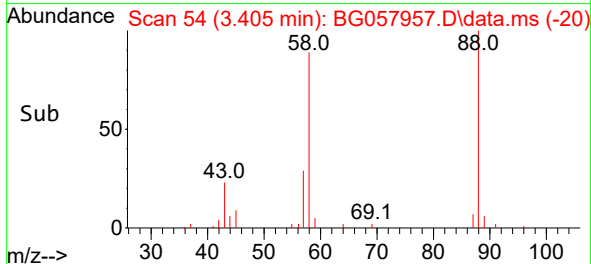
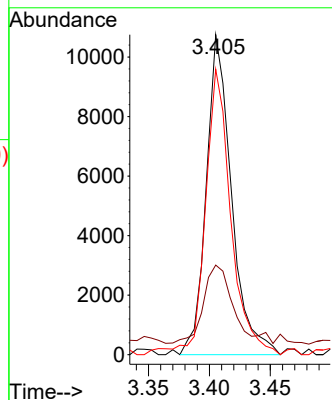
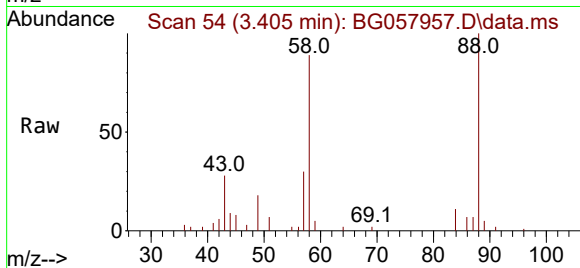




#2
1,4-Dioxane
Concen: 13.070 ng/uL
RT: 3.405 min Scan# 54
Delta R.T. 0.000 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

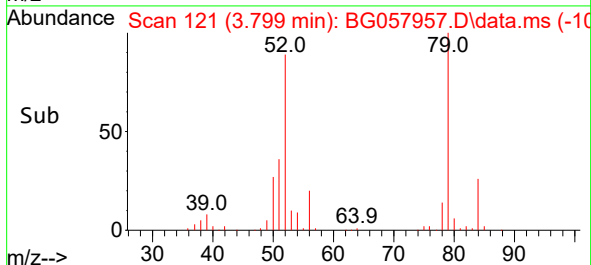
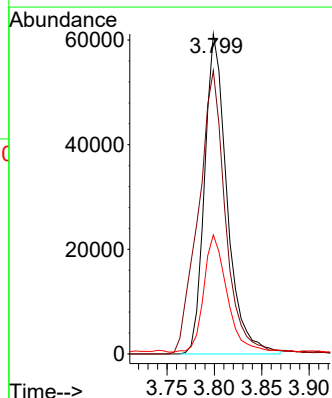
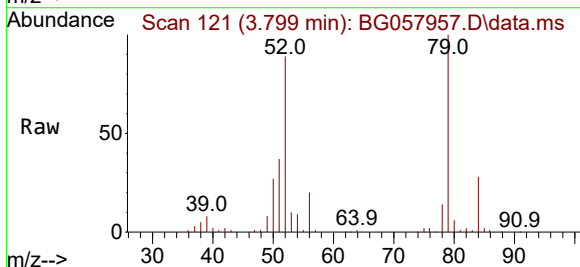
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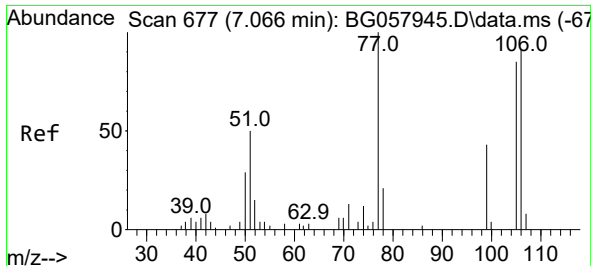
Tgt Ion: 88 Resp: 15512
Ion Ratio Lower Upper
88 100
43 28.0 20.6 30.8
58 89.2 65.5 98.3



#5
Pyridine
Concen: 33.802 ng/uL
RT: 3.799 min Scan# 121
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion: 79 Resp: 101015
Ion Ratio Lower Upper
79 100
52 88.6 68.6 102.8
51 37.2 29.4 44.0

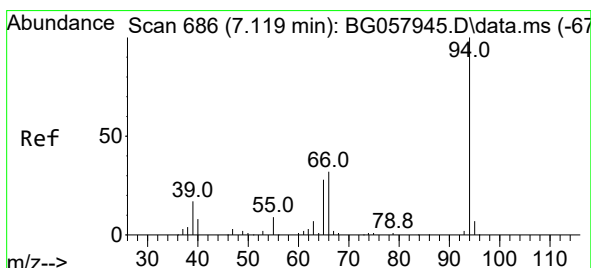
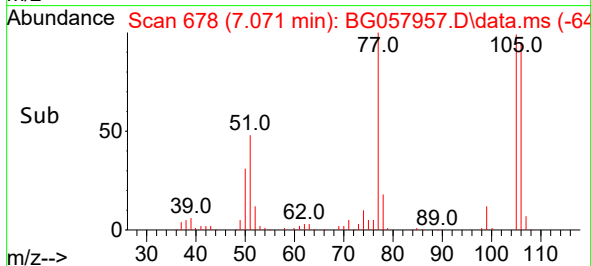
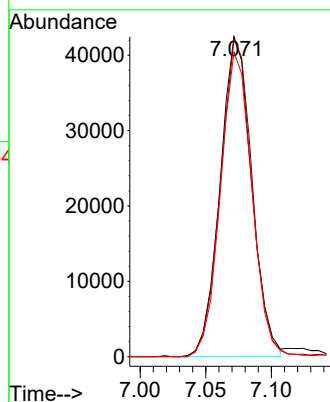
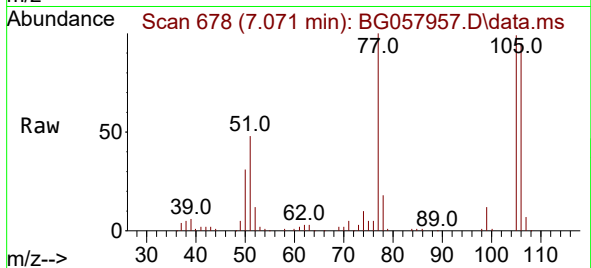




#6
Benzaldehyde
Concen: 61.494 ng/ul
RT: 7.071 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

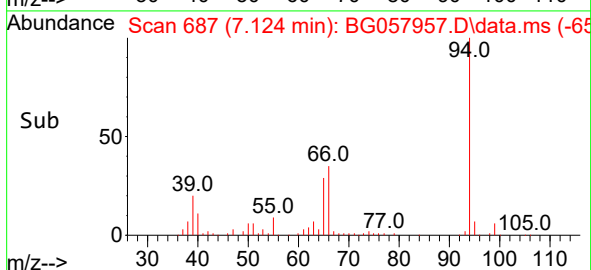
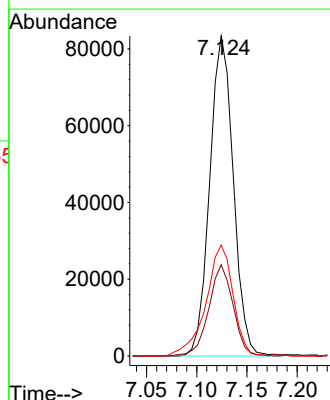
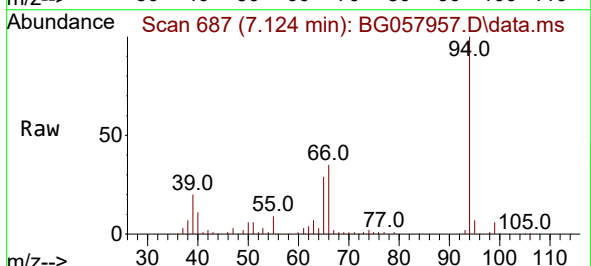
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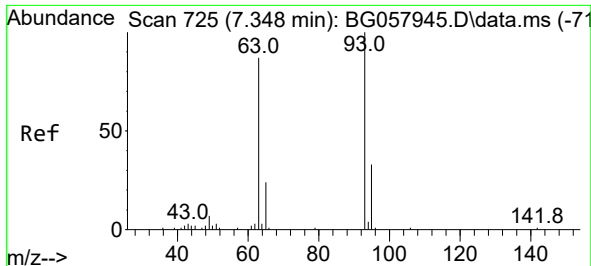
Tgt Ion: 77 Resp: 70555
Ion Ratio Lower Upper
77 100
105 99.2 74.7 112.1
106 95.1 75.9 113.9



#8
Phenol
Concen: 39.070 ng/ul
RT: 7.124 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

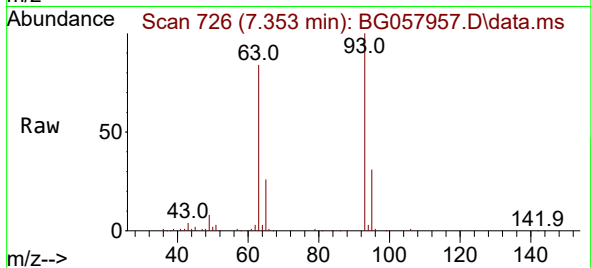
Tgt Ion: 94 Resp: 136213
Ion Ratio Lower Upper
94 100
65 28.5 22.2 33.4
66 34.6 28.6 43.0



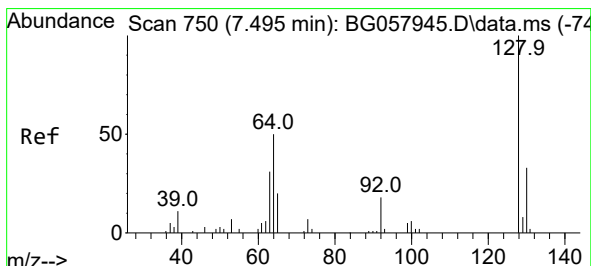
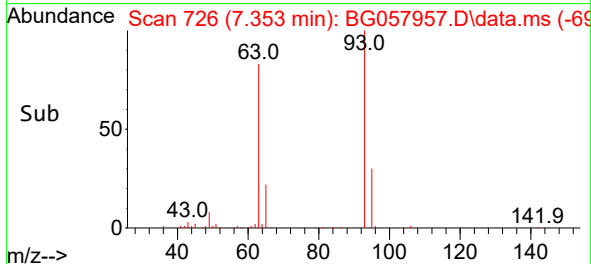
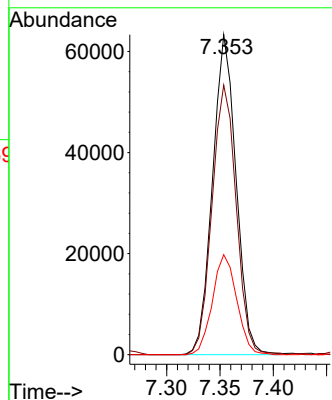


#10
Bis(2-Chloroethyl)ether
Concen: 36.108 ng/ul
RT: 7.353 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

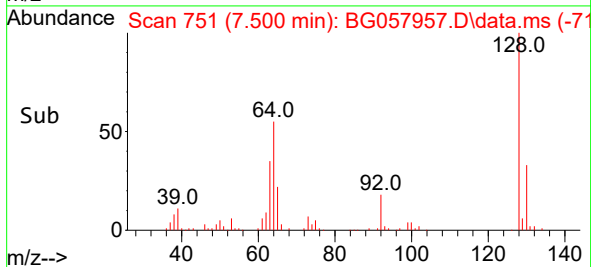
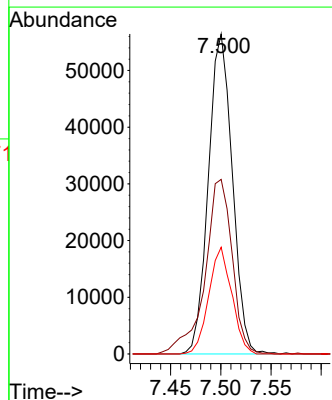
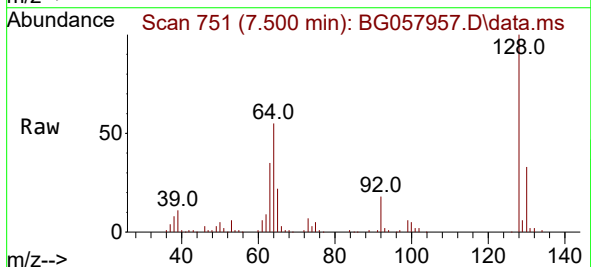


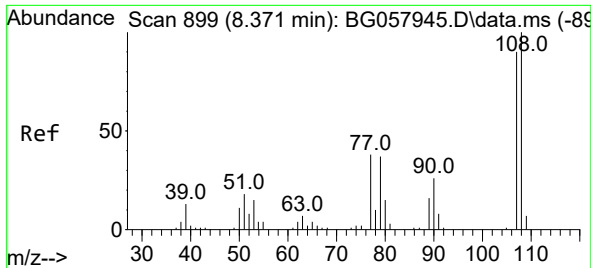
Tgt Ion: 93 Resp: 97199
Ion Ratio Lower Upper
93 100
63 84.3 69.4 104.0
95 31.2 27.0 40.6



#12
2-Chlorophenol
Concen: 37.976 ng/ul
RT: 7.500 min Scan# 751
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:128 Resp: 93639
Ion Ratio Lower Upper
128 100
64 54.6 44.3 66.5
130 33.3 27.3 40.9

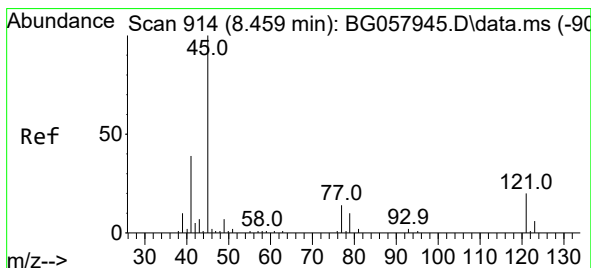
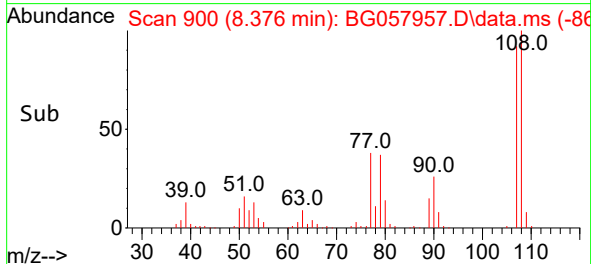
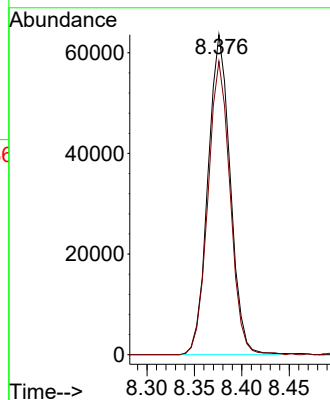
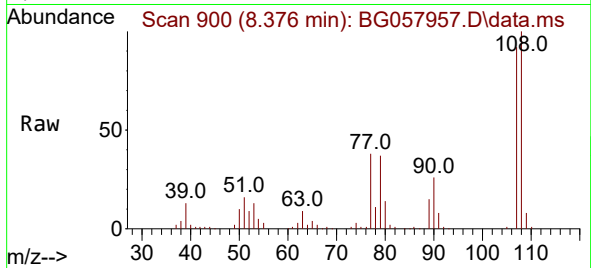




#13
2-Methylphenol
Concen: 38.002 ng/ul
RT: 8.376 min Scan# 900
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

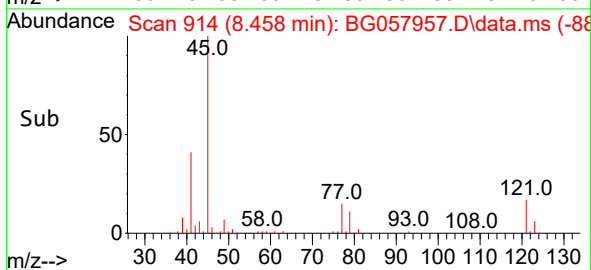
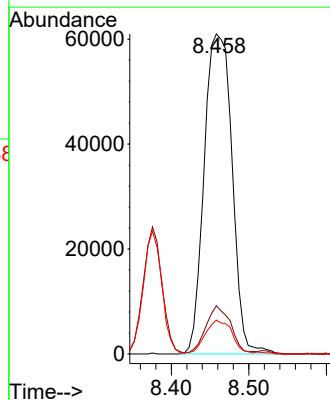
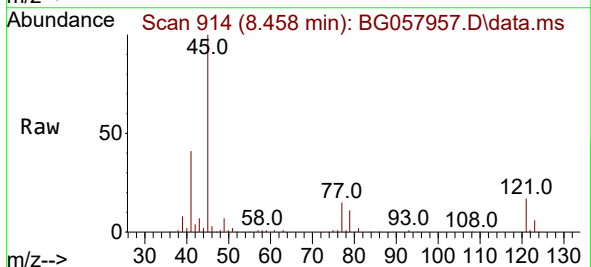
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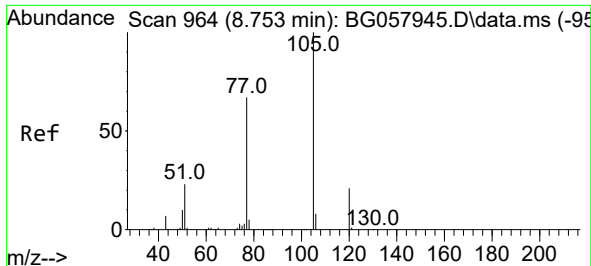
Tgt Ion:108 Resp: 104051
Ion Ratio Lower Upper
108 100
107 91.7 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.854 ng/ul
RT: 8.458 min Scan# 914
Delta R.T. -0.000 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion: 45 Resp: 152713
Ion Ratio Lower Upper
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77 15.1 9.4 14.2#
79 10.6 8.3 12.5

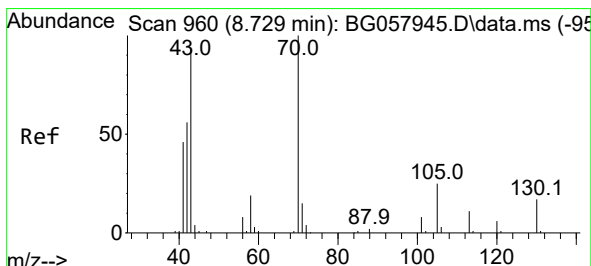
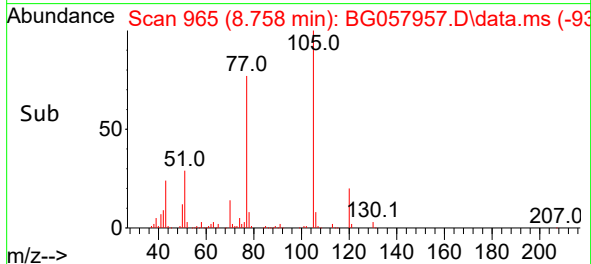
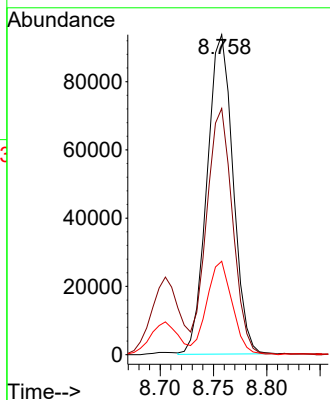
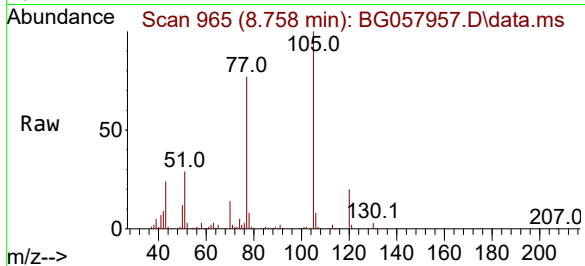




#16
Acetophenone
Concen: 36.898 ng/ul
RT: 8.758 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

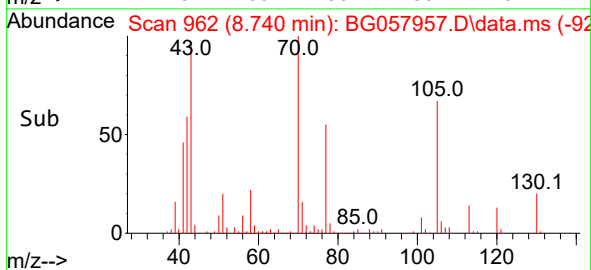
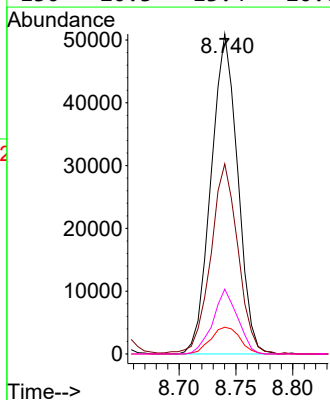
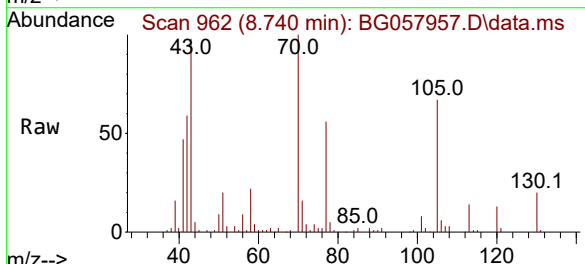
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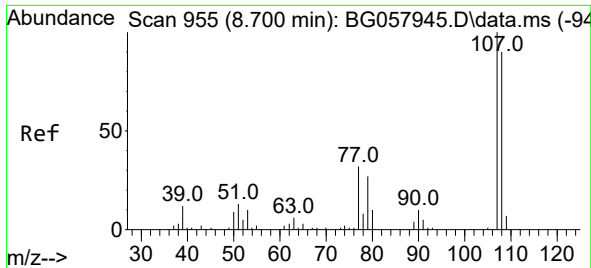
Tgt Ion:105 Resp: 158696
Ion Ratio Lower Upper
105 100
77 76.9 61.2 91.8
51 29.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 36.101 ng/ul
RT: 8.740 min Scan# 962
Delta R.T. 0.011 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion: 70 Resp: 83004
Ion Ratio Lower Upper
70 100
42 59.4 48.0 72.0
101 8.4 7.4 11.2
130 20.3 13.4 20.0#

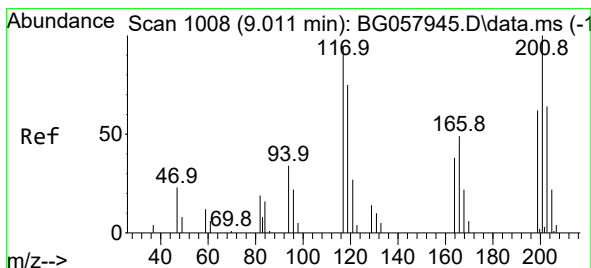
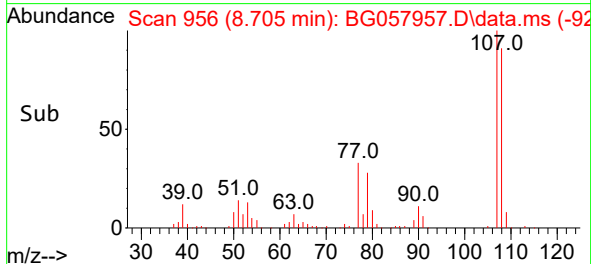
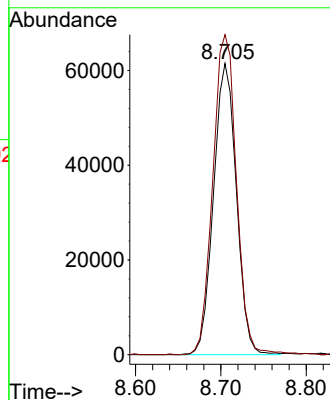
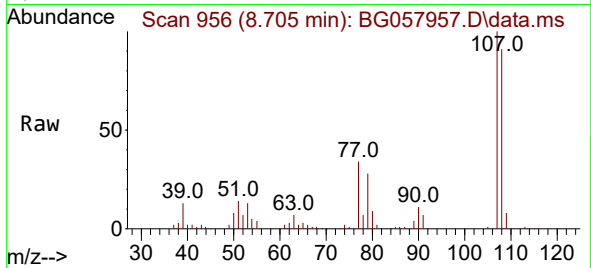




#18
4-Methylphenol
Concen: 38.738 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

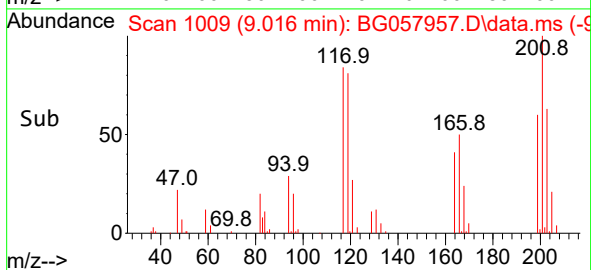
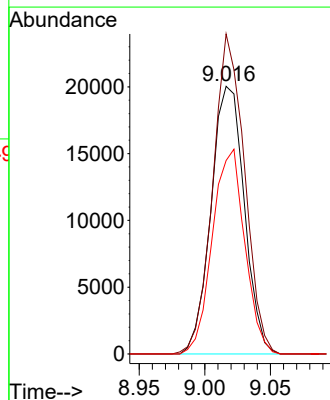
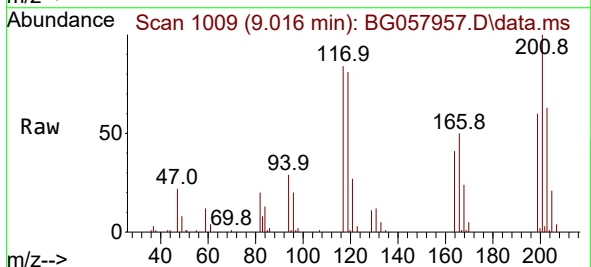
Instrument :
BNA_P
ClientSampleId :

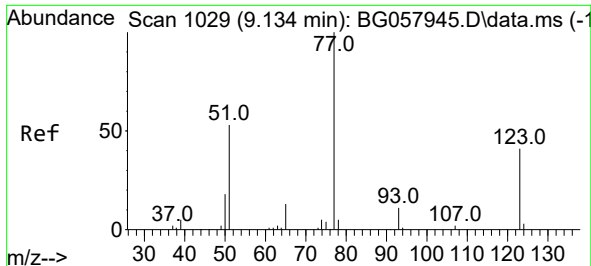
Tgt Ion:108 Resp: 114688
Ion Ratio Lower Upper
108 100
107 109.9 91.1 136.7



#19
Hexachloroethane
Concen: 37.386 ng/ul
RT: 9.016 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:117 Resp: 35340
Ion Ratio Lower Upper
117 100
201 119.6 94.0 141.0
199 72.3 59.8 89.6

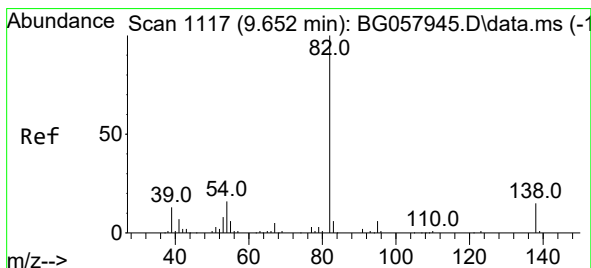
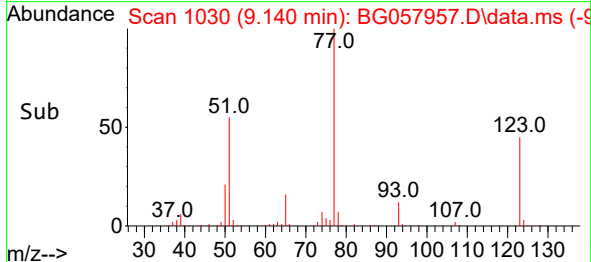
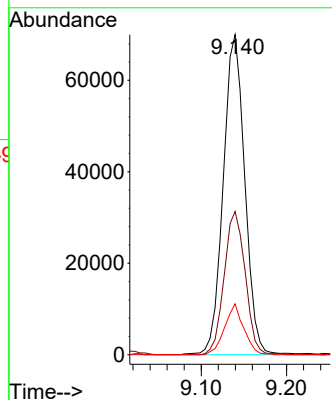
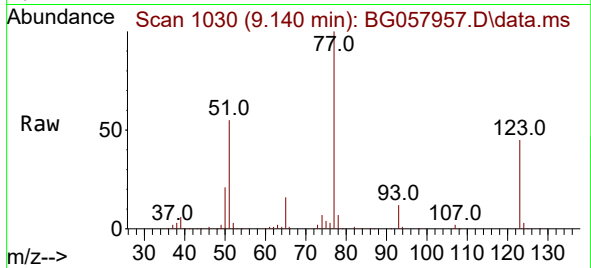




#22
Nitrobenzene
Concen: 35.463 ng/ul
RT: 9.140 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

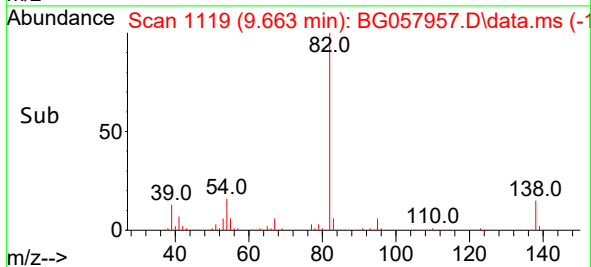
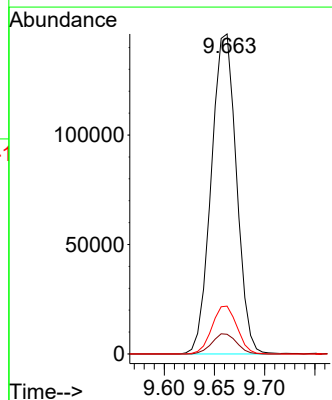
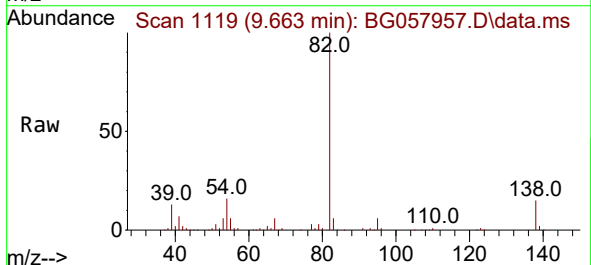
Instrument :
BNA_P
ClientSampleId :

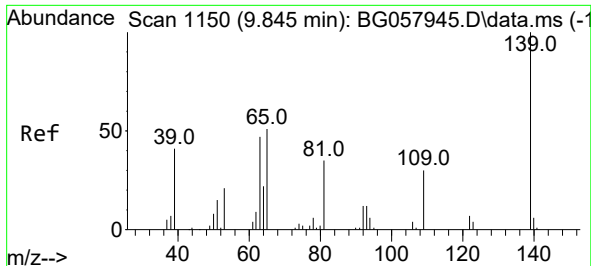
Tgt Ion: 77 Resp: 122566
Ion Ratio Lower Upper
77 100
123 44.7 33.3 49.9
65 15.9 10.4 15.6#



#23
Isophorone
Concen: 34.655 ng/ul
RT: 9.663 min Scan# 1119
Delta R.T. 0.011 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

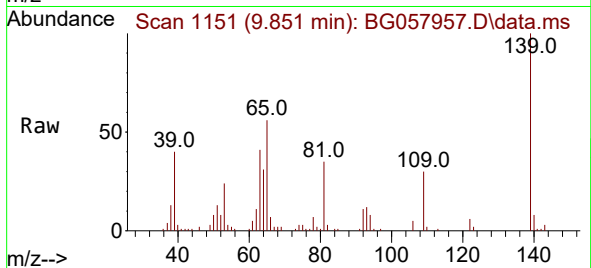
Tgt Ion: 82 Resp: 255579
Ion Ratio Lower Upper
82 100
95 6.2 4.8 7.2
138 15.0 11.4 17.0



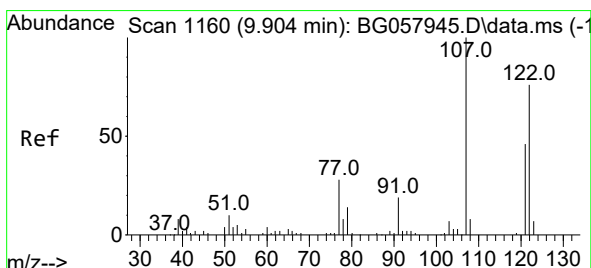
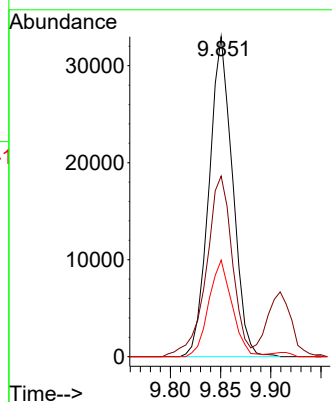
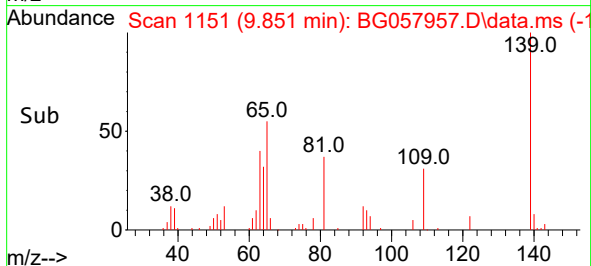


#25
2-Nitrophenol
Concen: 35.943 ng/ul
RT: 9.851 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

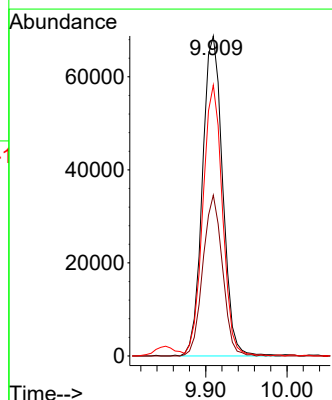
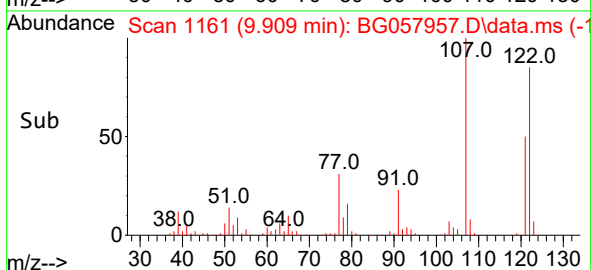
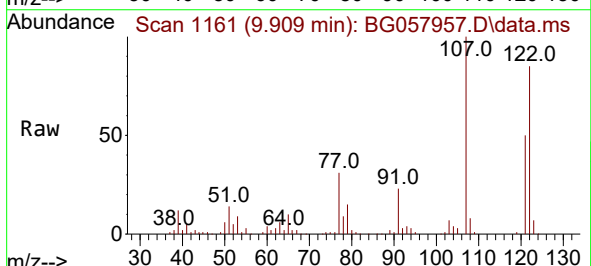


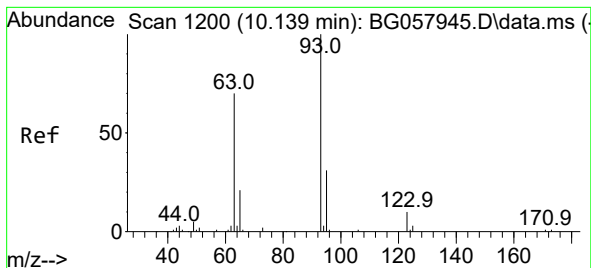
Tgt Ion:139 Resp: 53967
Ion Ratio Lower Upper
139 100
65 56.5 42.6 64.0
109 30.2 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 35.171 ng/ul
RT: 9.909 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:107 Resp: 118746
Ion Ratio Lower Upper
107 100
121 50.2 40.6 60.8
122 84.6 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 33.905 ng/ul

RT: 10.144 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

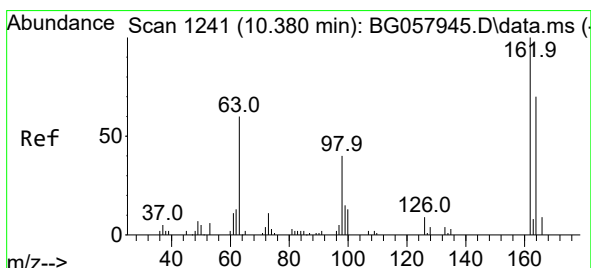
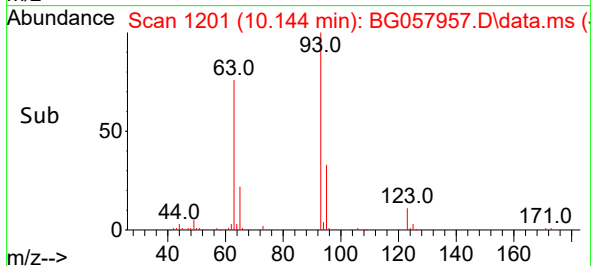
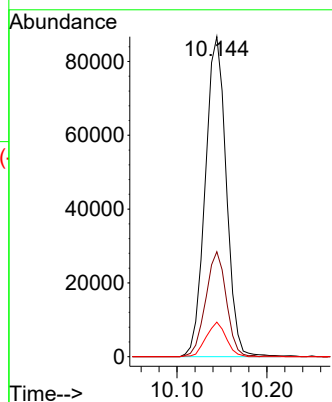
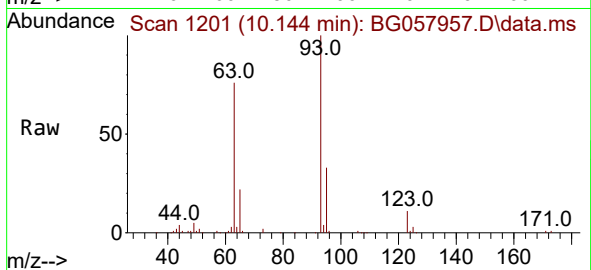
Tgt Ion: 93 Resp: 140904

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 10.8 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 37.398 ng/ul

RT: 10.385 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

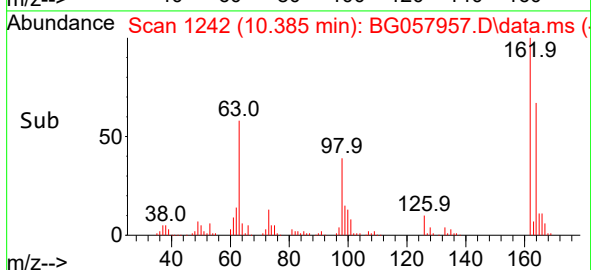
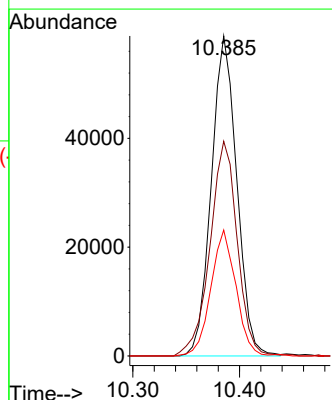
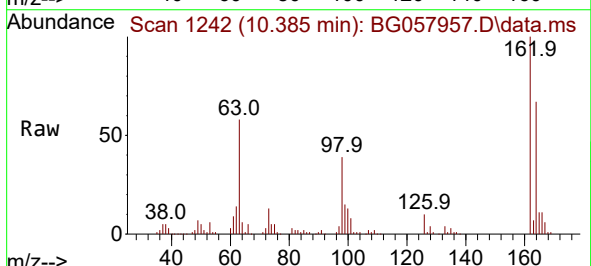
Tgt Ion:162 Resp: 97604

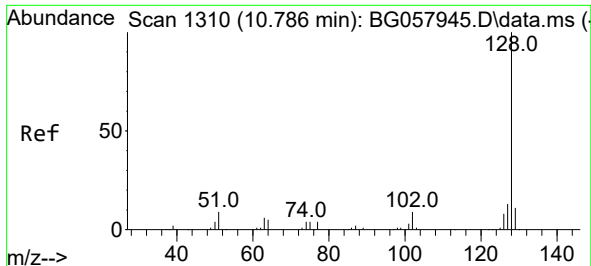
Ion Ratio Lower Upper

162 100

164 67.1 51.1 76.7

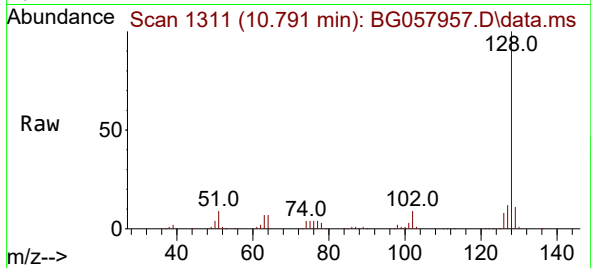
98 39.3 27.9 41.9



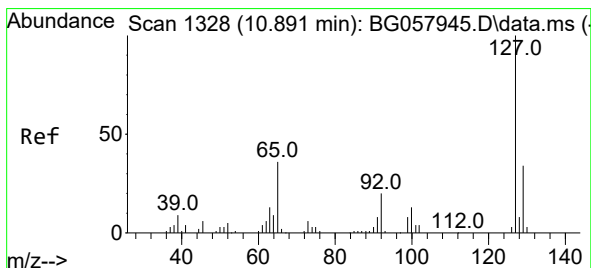
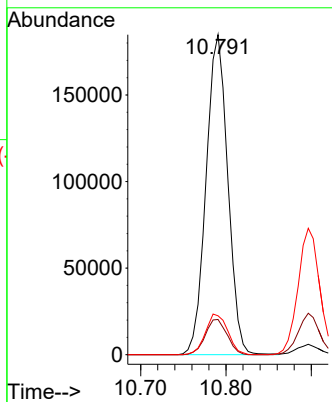
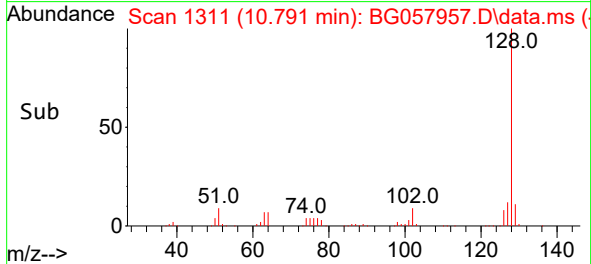


#30
Naphthalene
Concen: 35.551 ng/ul
RT: 10.791 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

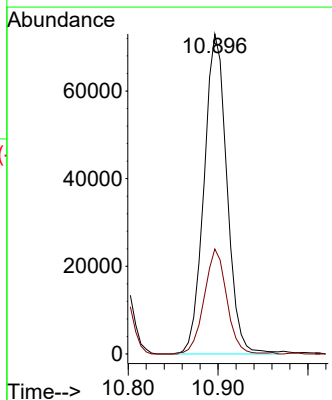
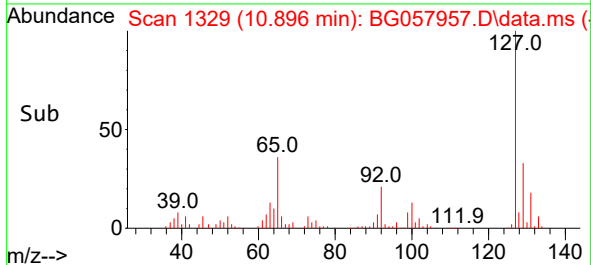
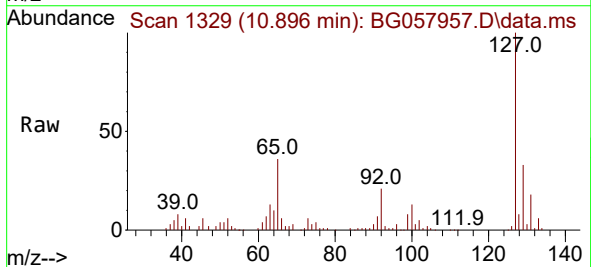


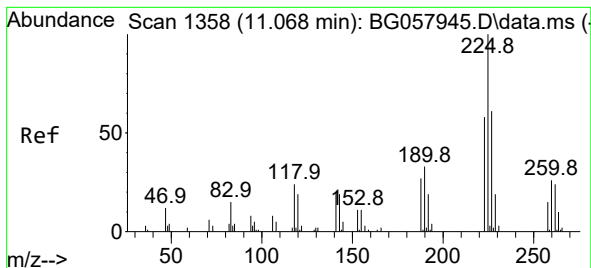
Tgt Ion:128 Resp: 326353
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.2 10.2 15.2



#32
4-Chloroaniline
Concen: 31.048 ng/ul
RT: 10.896 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:127 Resp: 129199
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0





#33

Hexachlorobutadiene

Concen: 34.992 ng/ul

RT: 11.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

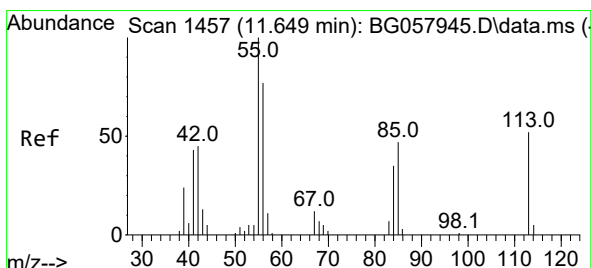
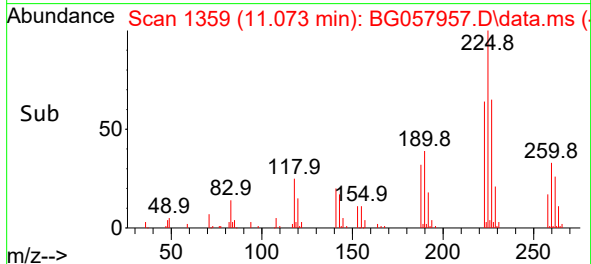
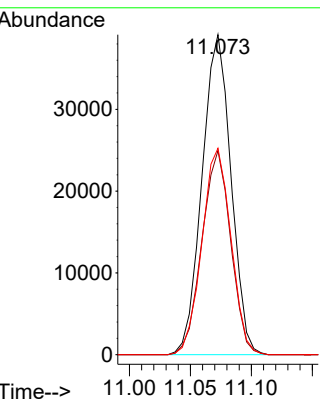
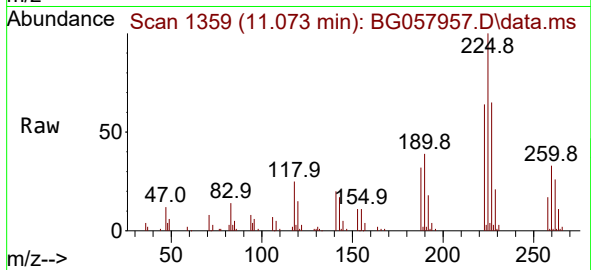
Tgt Ion:225 Resp: 64653

Ion Ratio Lower Upper

225 100

223 63.7 53.2 79.8

227 64.5 51.4 77.2



#34

Caprolactam

Concen: 22.923 ng/ul

RT: 11.654 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

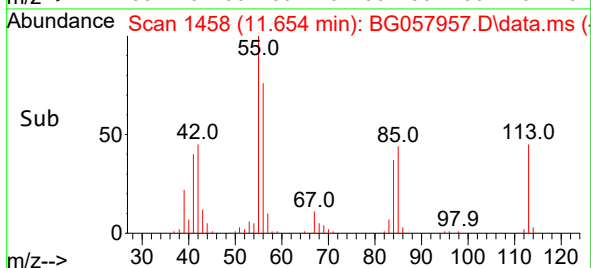
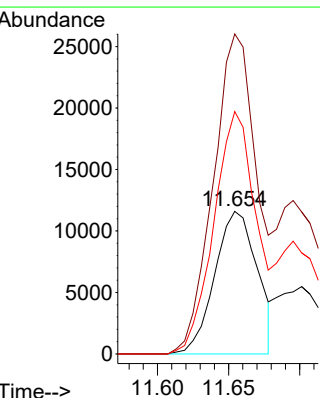
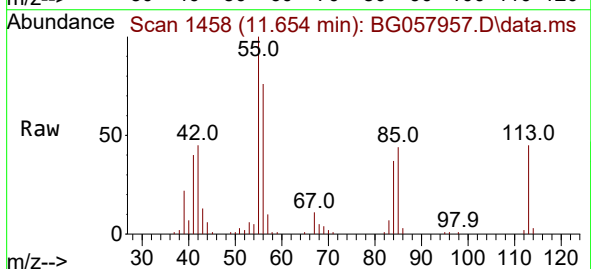
Tgt Ion:113 Resp: 24052

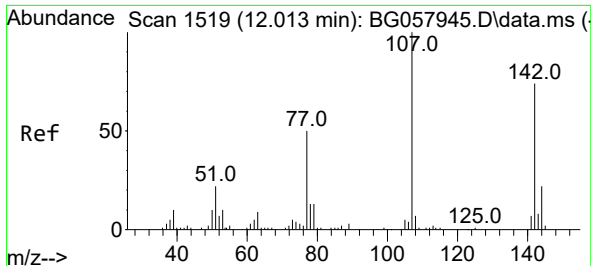
Ion Ratio Lower Upper

113 100

55 224.4 183.4 275.2

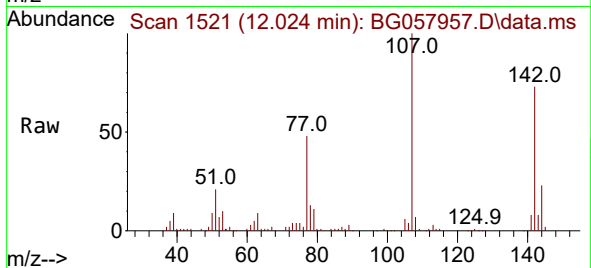
56 170.0 123.0 184.6



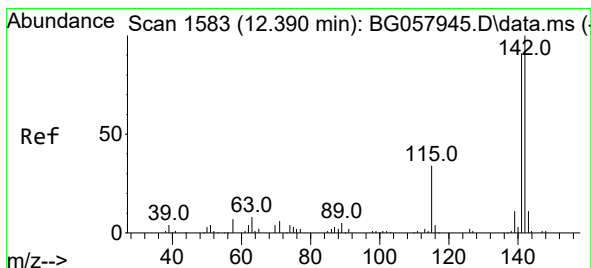
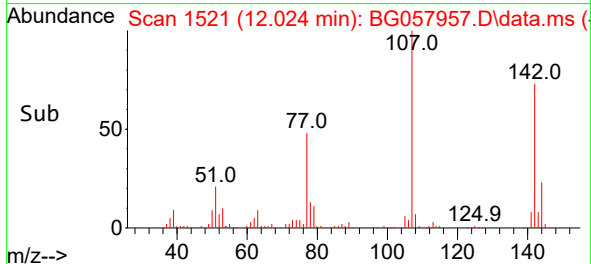
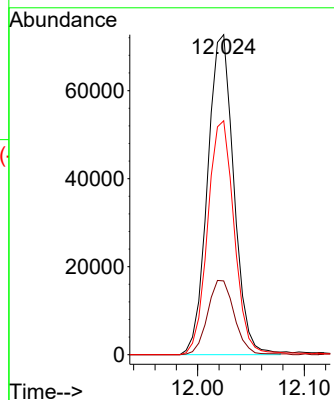


#35
4-Chloro-3-methylphenol
Concen: 38.808 ng/ul
RT: 12.024 min Scan# 1521
Delta R.T. 0.011 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

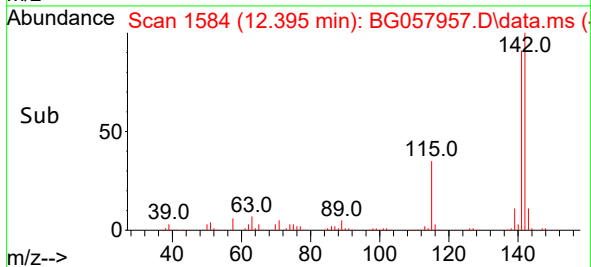
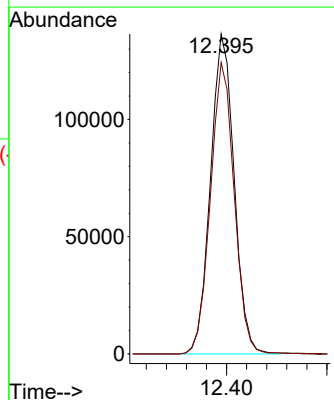
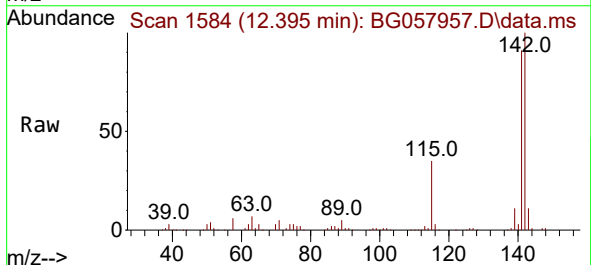


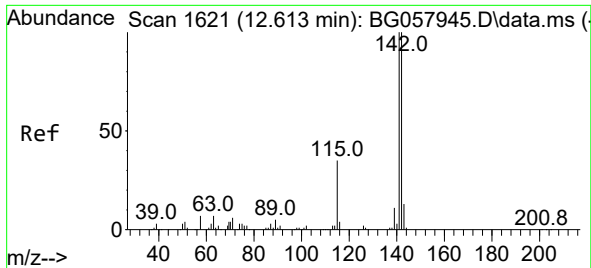
Tgt Ion:107 Resp: 124414
Ion Ratio Lower Upper
107 100
144 23.1 19.0 28.4
142 73.1 58.4 87.6



#36
2-Methylnaphthalene
Concen: 36.082 ng/ul
RT: 12.395 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:142 Resp: 223283
Ion Ratio Lower Upper
142 100
141 91.0 69.4 104.2





#37

1-Methylnaphthalene

Concen: 36.792 ng/ul

RT: 12.612 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

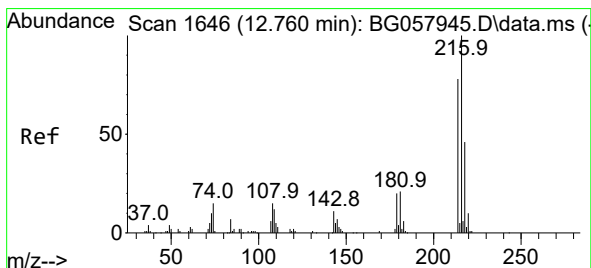
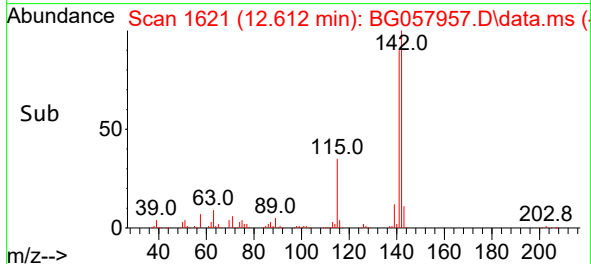
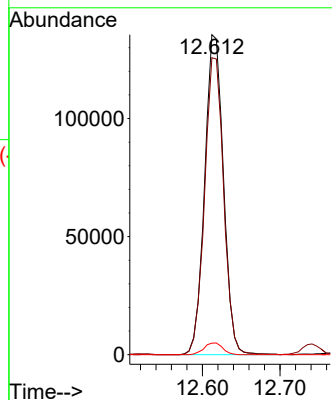
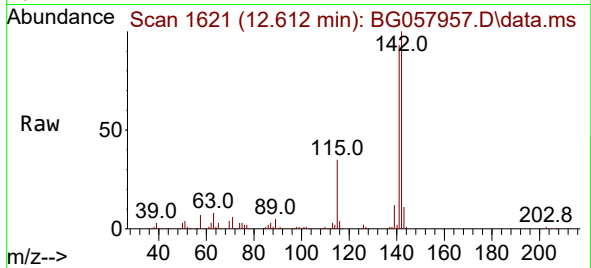
Tgt Ion:142 Resp: 228308

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.8

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.014 ng/ul

RT: 12.765 min Scan# 1647

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Tgt Ion:216 Resp: 131084

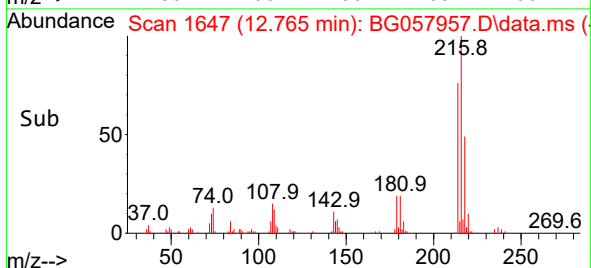
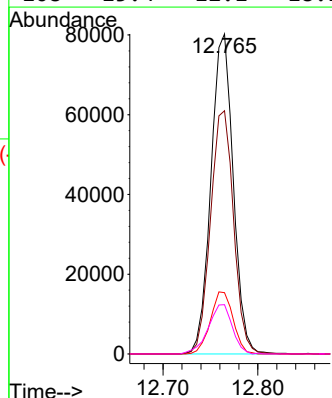
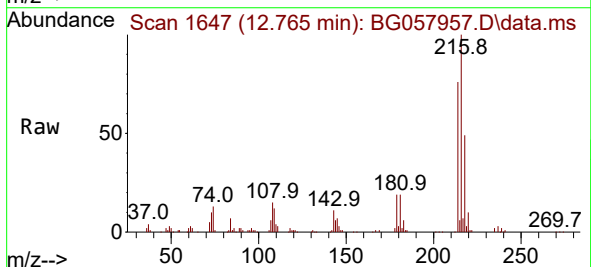
Ion Ratio Lower Upper

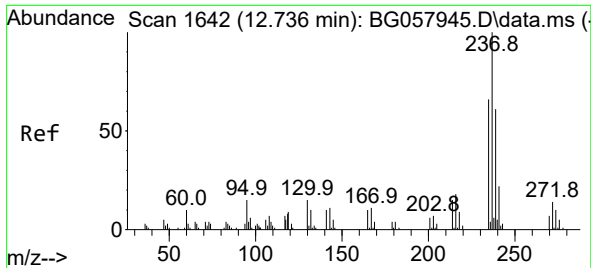
216 100

214 76.0 64.1 96.1

179 19.1 16.0 24.0

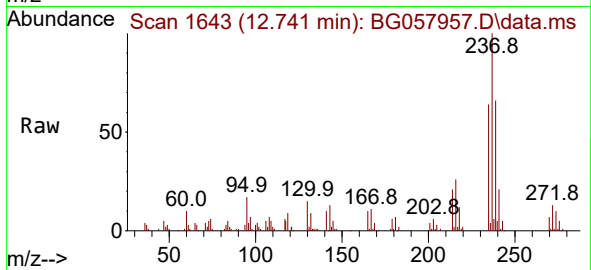
108 15.4 12.1 18.1



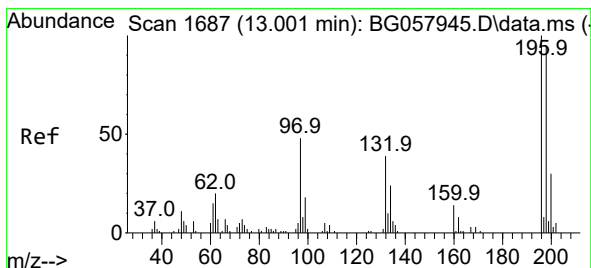
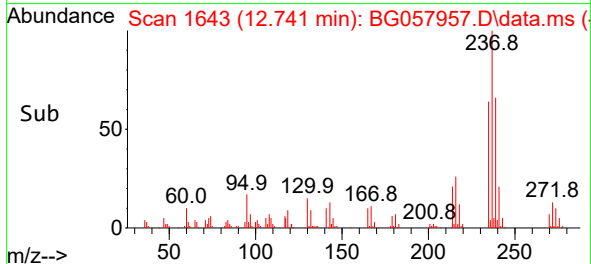
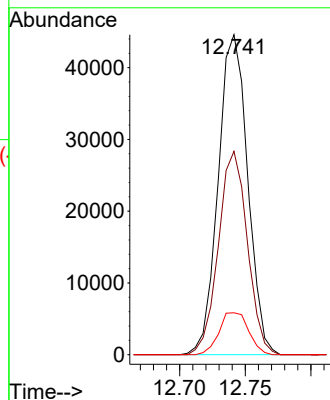


#40
Hexachlorocyclopentadiene
Concen: 30.373 ng/ul
RT: 12.741 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

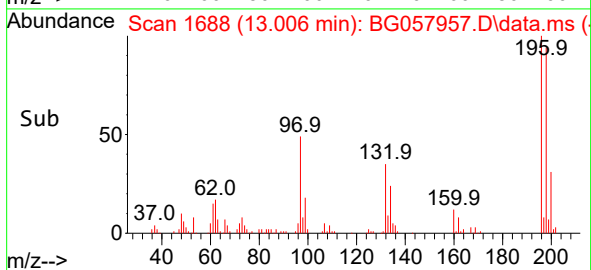
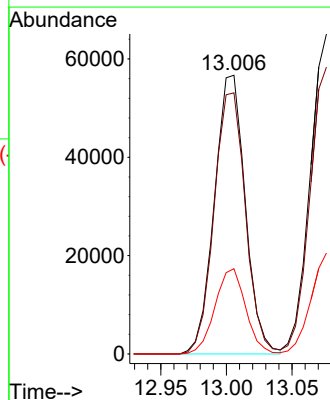
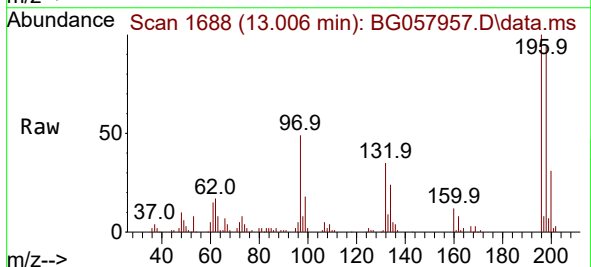


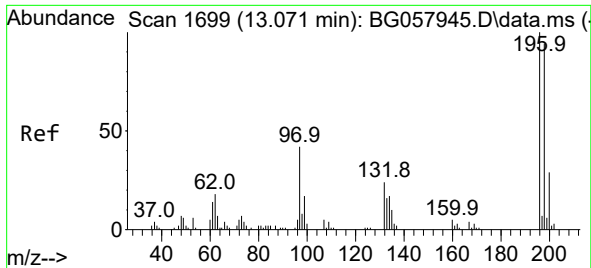
Tgt Ion:237 Resp: 69635
Ion Ratio Lower Upper
237 100
235 63.6 49.2 73.8
272 13.8 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 37.622 ng/ul
RT: 13.006 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:196 Resp: 92811
Ion Ratio Lower Upper
196 100
198 93.7 73.5 110.3
200 30.6 24.8 37.2

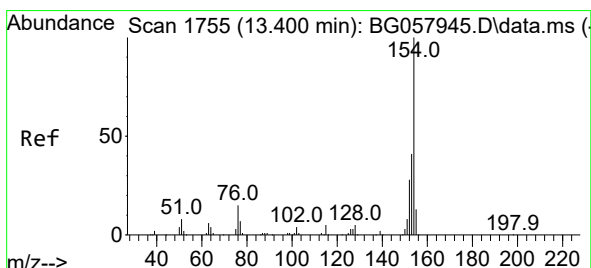
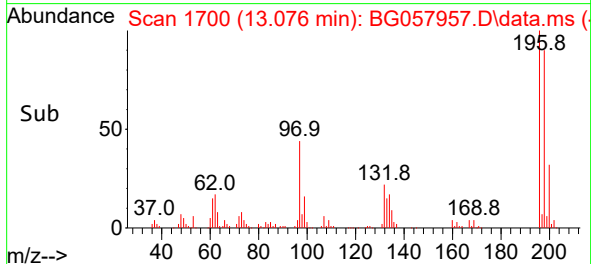
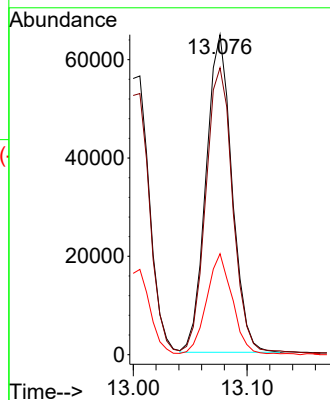
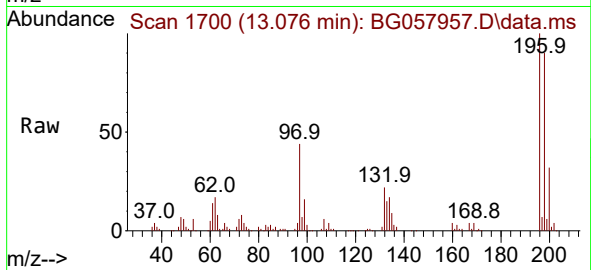




#42
2,4,5-Trichlorophenol
Concen: 38.493 ng/ul
RT: 13.076 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

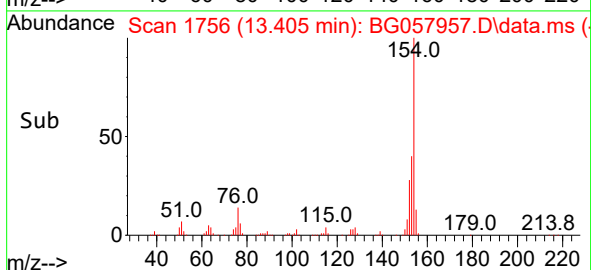
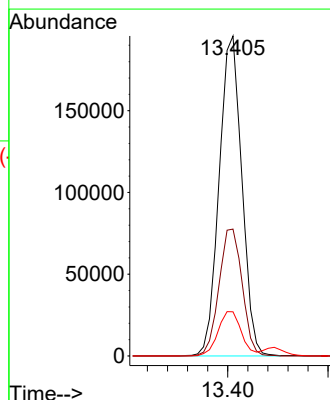
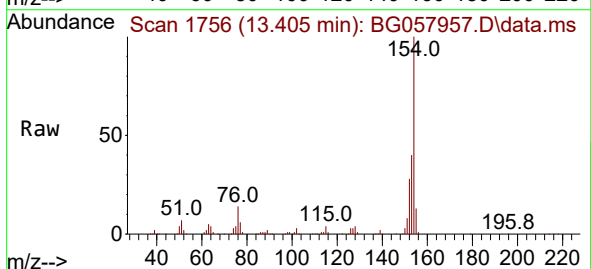
Instrument :
BNA_P
ClientSampleId :

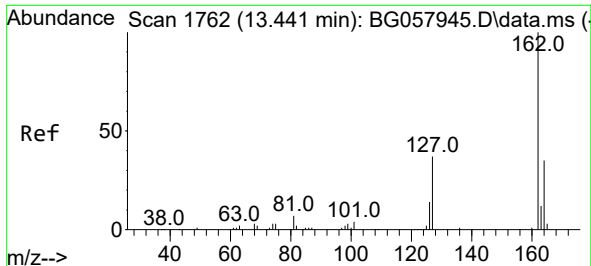
Tgt Ion:196 Resp: 102698
Ion Ratio Lower Upper
196 100
198 89.7 77.2 115.8
200 31.5 23.8 35.6



#43
1,1'-Biphenyl
Concen: 35.646 ng/ul
RT: 13.405 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

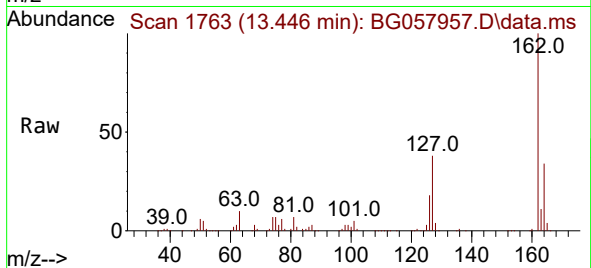
Tgt Ion:154 Resp: 306816
Ion Ratio Lower Upper
154 100
153 39.7 32.6 49.0
76 13.8 11.6 17.4



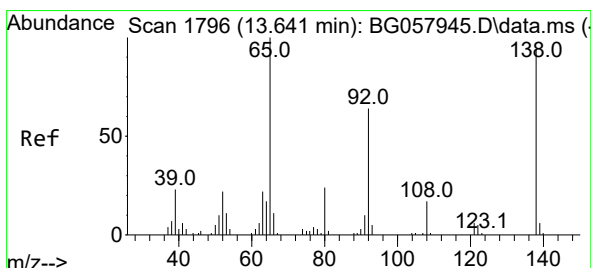
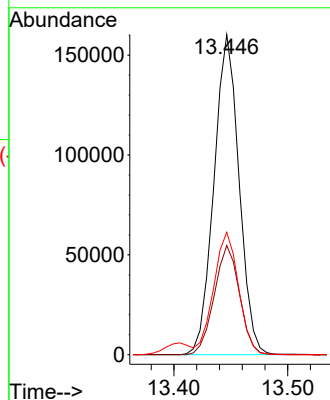
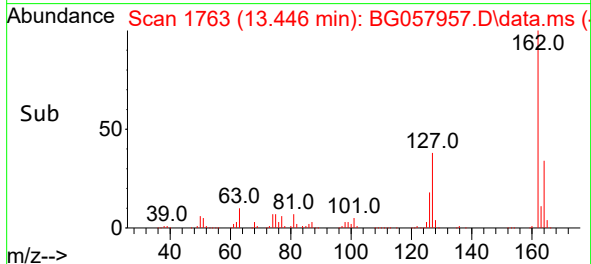


#44
2-Chloronaphthalene
Concen: 35.562 ng/ul
RT: 13.446 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

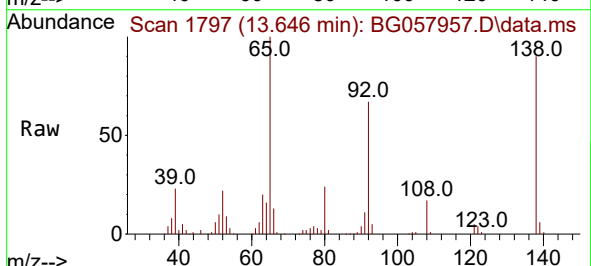
Instrument :
BNA_P
ClientSampleId :



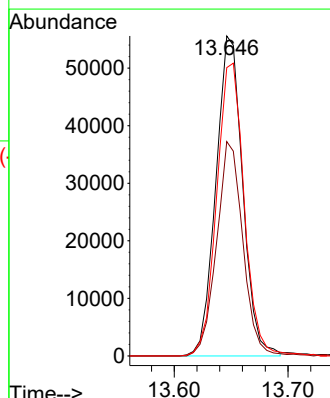
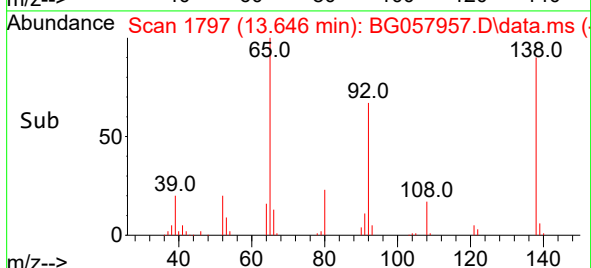
Tgt Ion:162 Resp: 245662
Ion Ratio Lower Upper
162 100
164 34.1 27.7 41.5
127 38.3 30.9 46.3

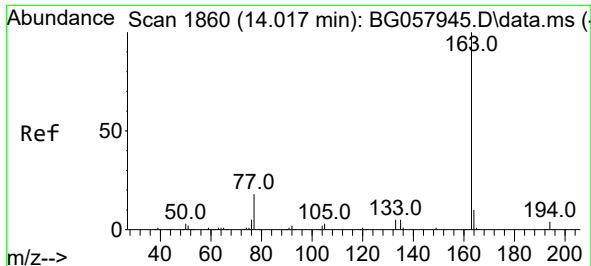


#45
2-Nitroaniline
Concen: 37.844 ng/ul
RT: 13.646 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15



Tgt Ion: 65 Resp: 90892
Ion Ratio Lower Upper
65 100
92 67.0 53.2 79.8
138 90.1 71.1 106.7

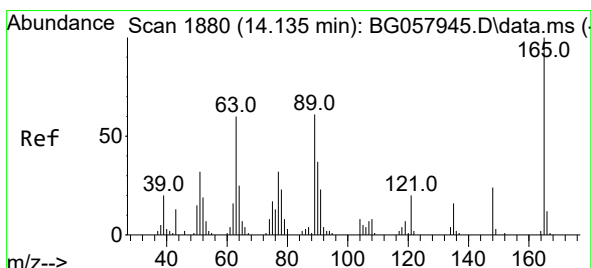
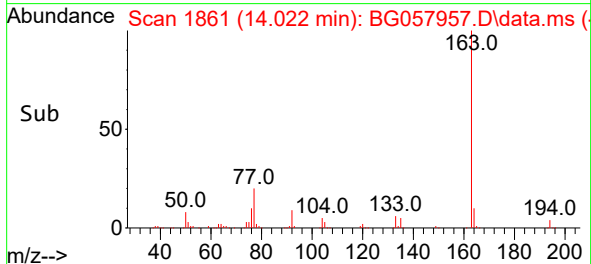
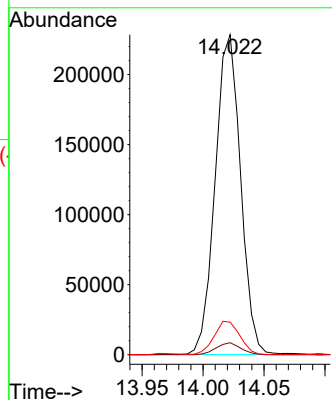
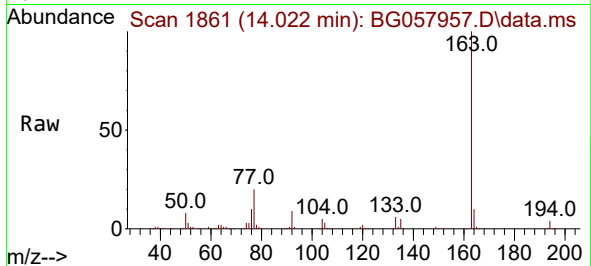




#47
Dimethylphthalate
Concen: 34.949 ng/ul
RT: 14.022 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

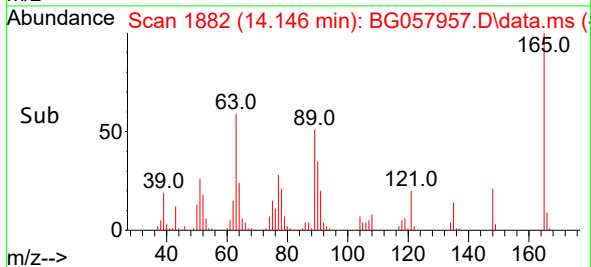
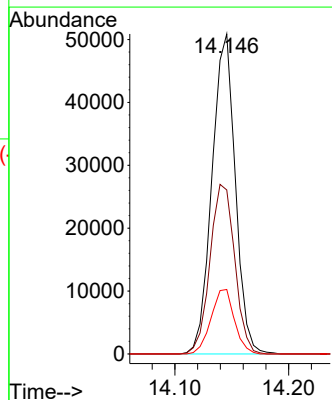
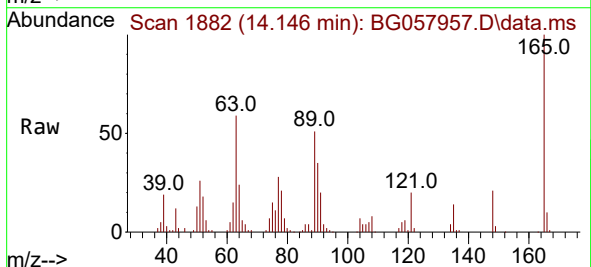
Instrument :
BNA_P
ClientSampleId :

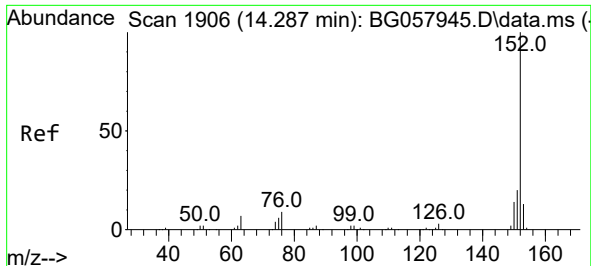
Tgt Ion:163 Resp: 330892
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 37.310 ng/ul
RT: 14.146 min Scan# 1882
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

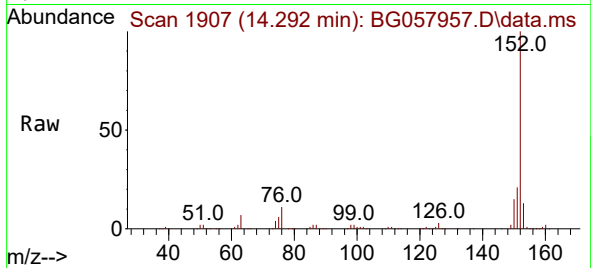
Tgt Ion:165 Resp: 72508
Ion Ratio Lower Upper
165 100
89 51.3 42.7 64.1
121 20.2 14.8 22.2



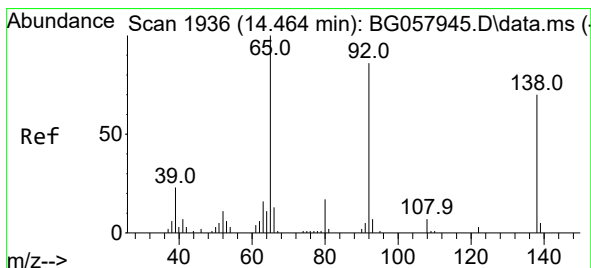
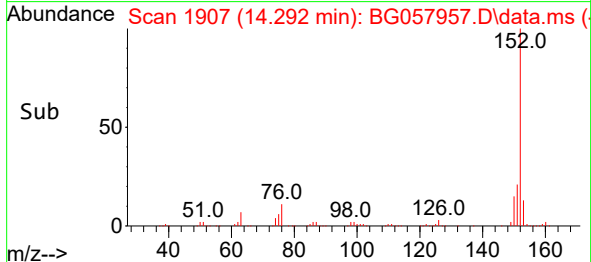
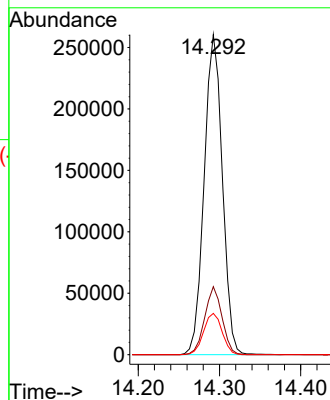


#50
Acenaphthylene
Concen: 36.439 ng/ul
RT: 14.292 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

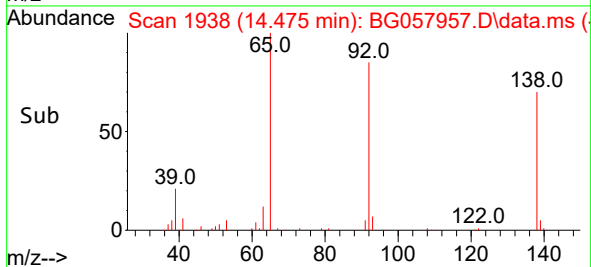
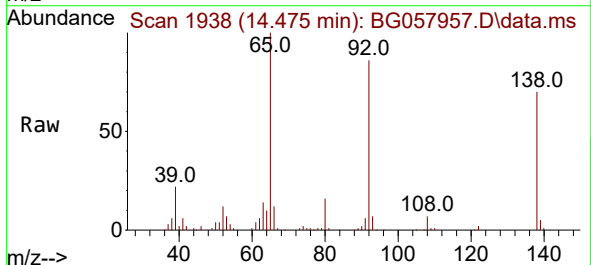
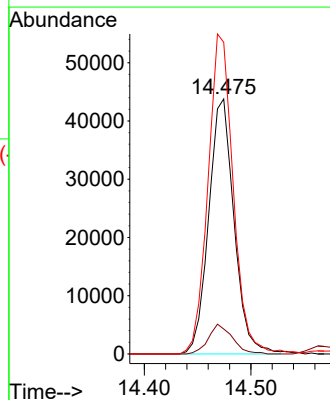


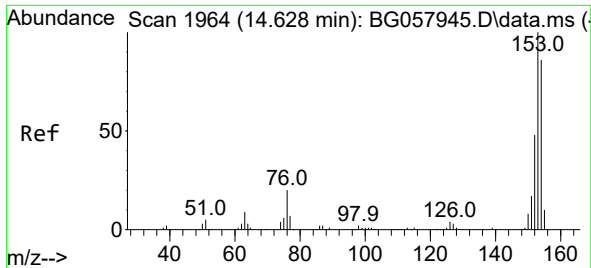
Tgt Ion:152 Resp: 404649
Ion Ratio Lower Upper
152 100
151 21.2 15.6 23.4
153 12.9 10.5 15.7



#51
3-Nitroaniline
Concen: 44.049 ng/ul
RT: 14.475 min Scan# 1938
Delta R.T. 0.011 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

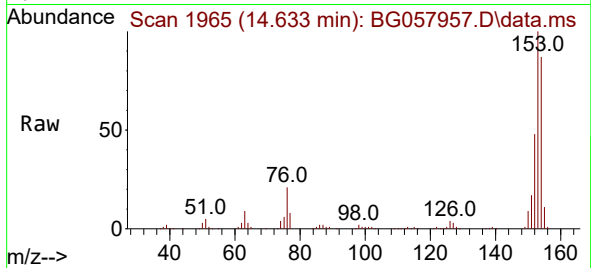
Tgt Ion:138 Resp: 72343
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 122.2 100.2 150.4



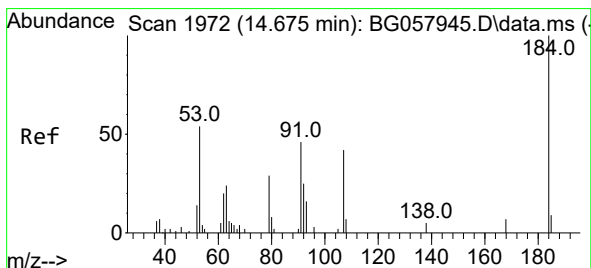
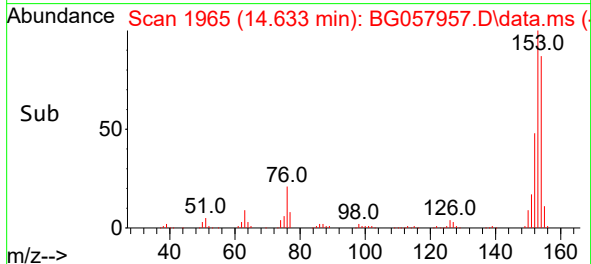
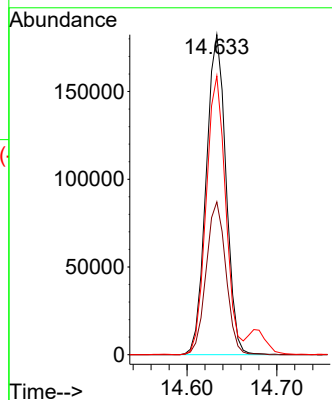


#52
Acenaphthene
Concen: 36.717 ng/ul
RT: 14.633 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

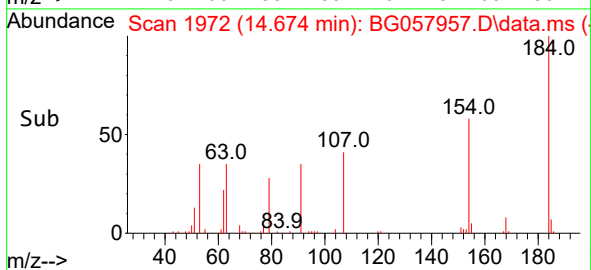
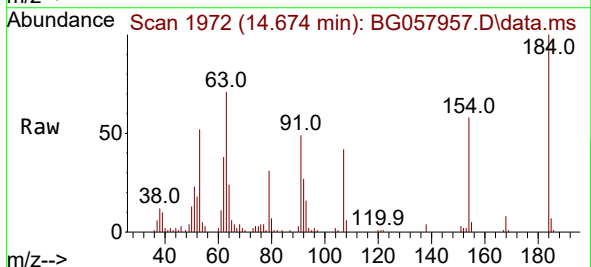
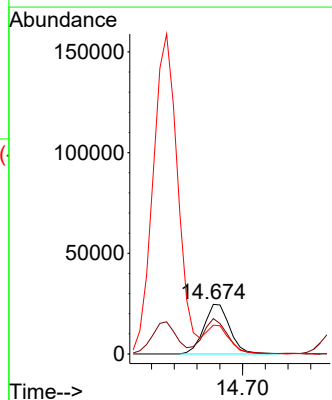


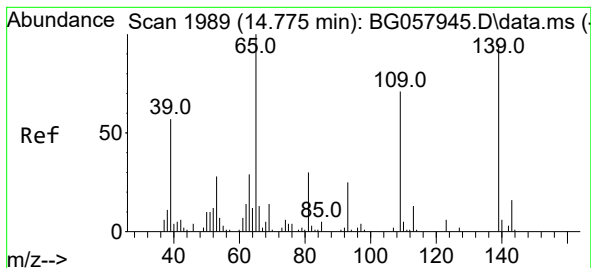
Tgt Ion:153 Resp: 279794
Ion Ratio Lower Upper
153 100
152 47.7 36.5 54.7
154 87.1 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 38.451 ng/ul
RT: 14.674 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:184 Resp: 38957
Ion Ratio Lower Upper
184 100
63 71.1 51.1 76.7
154 58.0 43.3 64.9

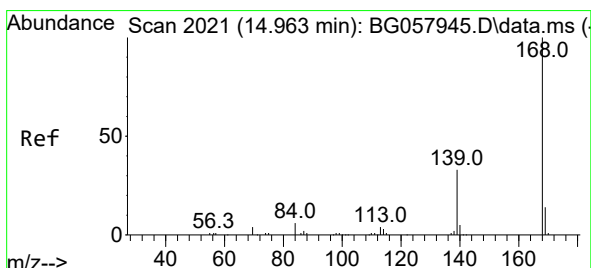
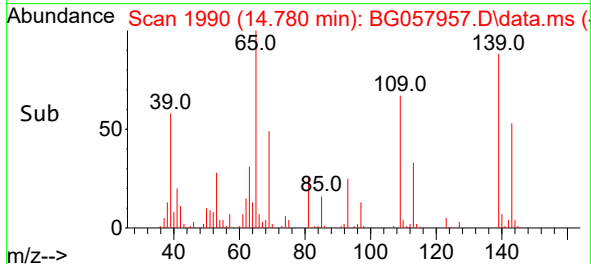
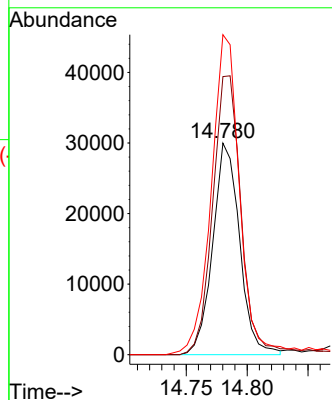
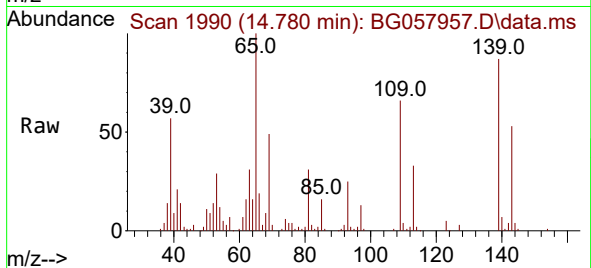




#55
4-Nitrophenol
Concen: 37.332 ng/ul
RT: 14.780 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

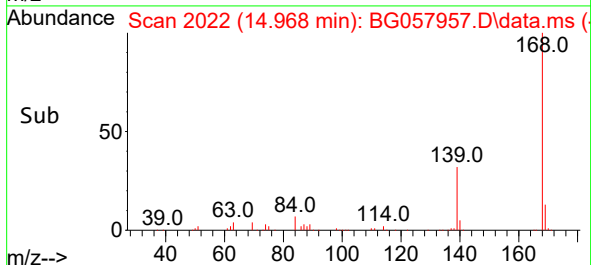
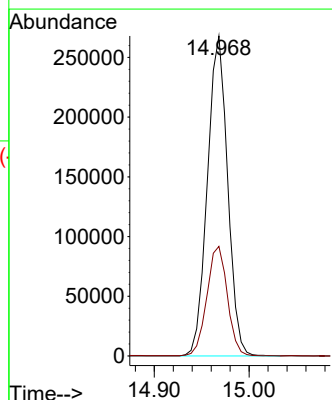
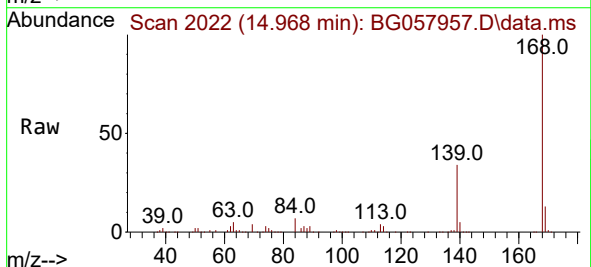
Instrument :
BNA_P
ClientSampleId :

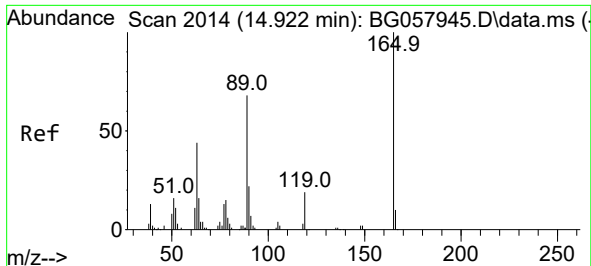
Tgt Ion:109 Resp: 46045
Ion Ratio Lower Upper
109 100
139 131.5 119.0 178.4
65 151.3 135.5 203.3



#56
Dibenzofuran
Concen: 36.681 ng/ul
RT: 14.968 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:168 Resp: 397343
Ion Ratio Lower Upper
168 100
139 34.2 27.6 41.4





#57

2,4-Dinitrotoluene

Concen: 38.811 ng/ul

RT: 14.927 min Scan# 20

Delta R.T. 0.006 min

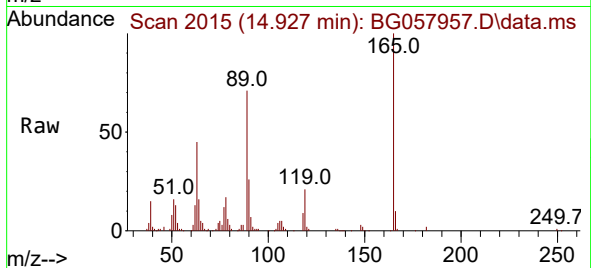
Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :



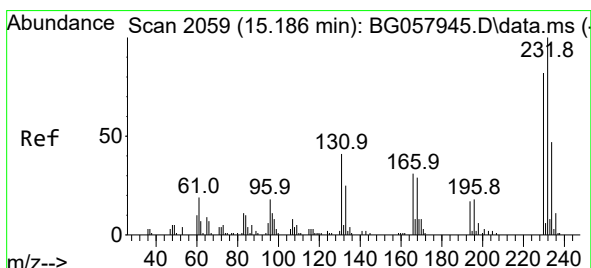
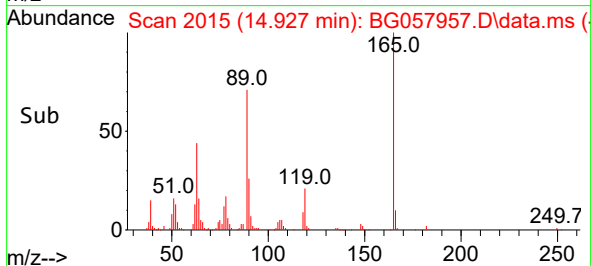
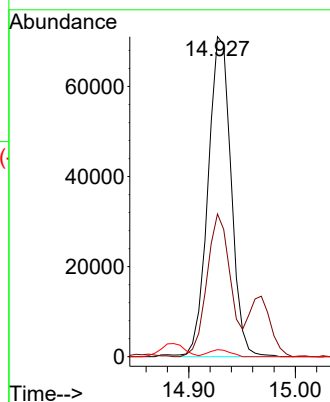
Tgt Ion:165 Resp: 106864

Ion Ratio Lower Upper

165 100

63 44.6 35.8 53.8

182 2.2 1.6 2.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.496 ng/ul

RT: 15.191 min Scan# 2060

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Tgt Ion:232 Resp: 93497

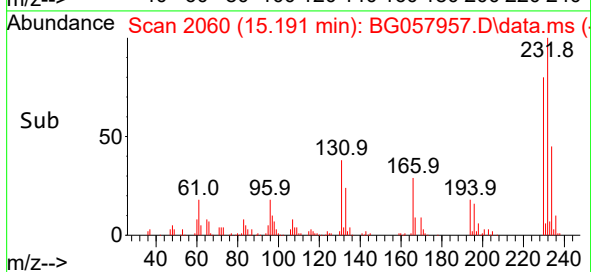
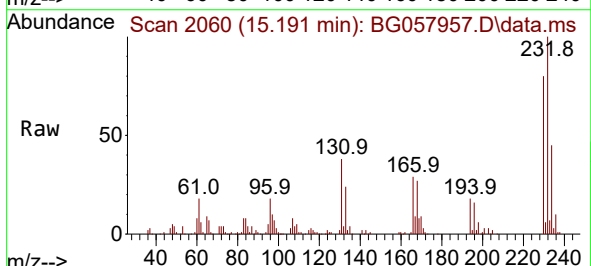
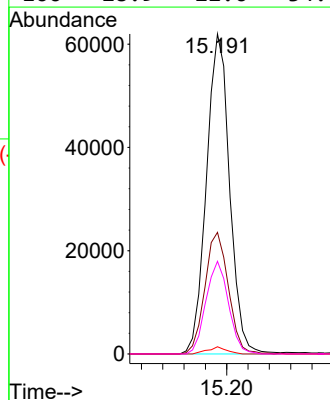
Ion Ratio Lower Upper

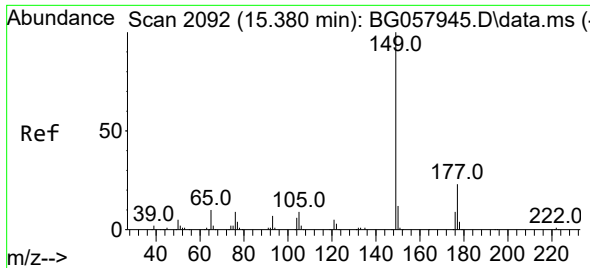
232 100

131 38.0 30.5 45.7

130 2.3 1.4 2.0#

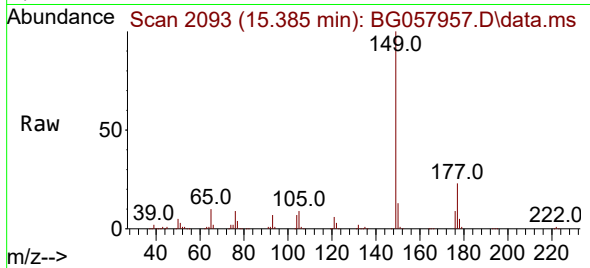
166 28.9 22.6 34.0



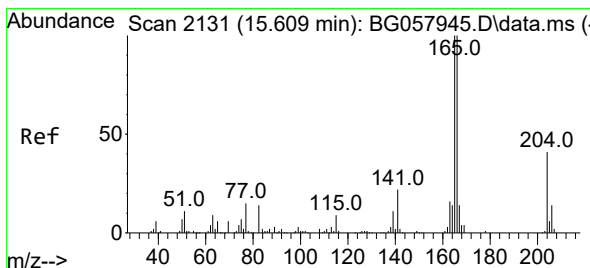
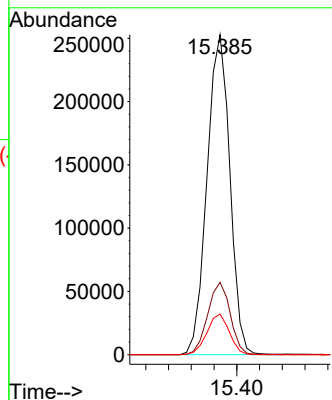
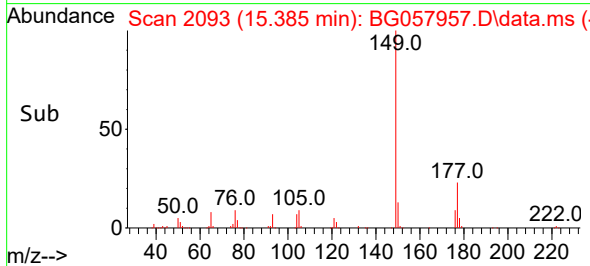


#59
Diethylphthalate
Concen: 35.654 ng/ul
RT: 15.385 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Instrument :
BNA_P
ClientSampleId :

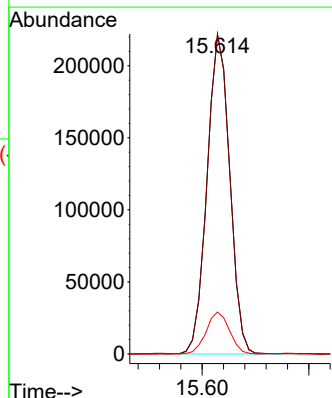
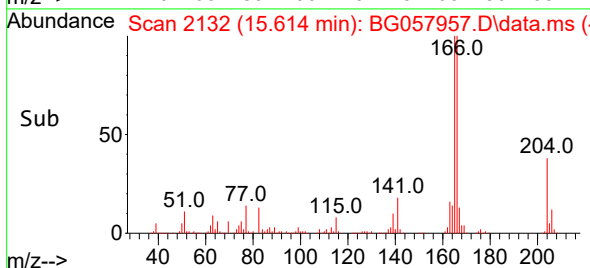
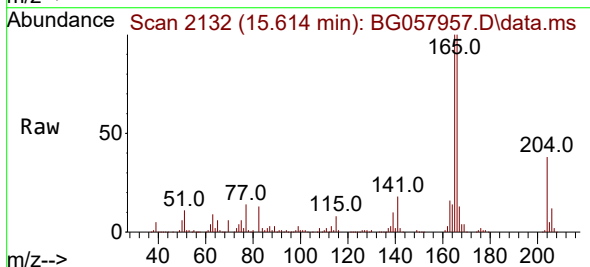


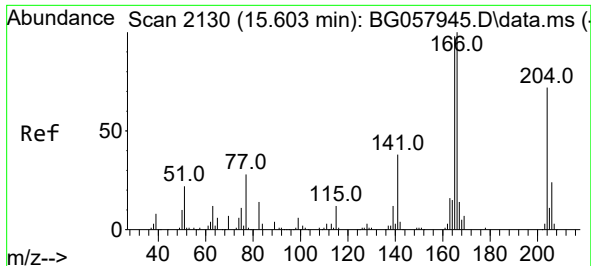
Tgt Ion:149 Resp: 352328
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.7 10.1 15.1



#61
Fluorene
Concen: 36.841 ng/ul
RT: 15.614 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:166 Resp: 327441
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 13.1 10.7 16.1





#62

4-Chlorophenyl-phenylether

Concen: 36.765 ng/ul

RT: 15.609 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

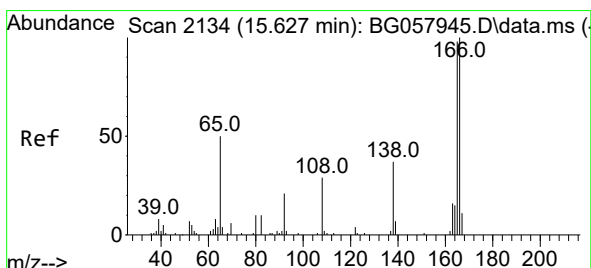
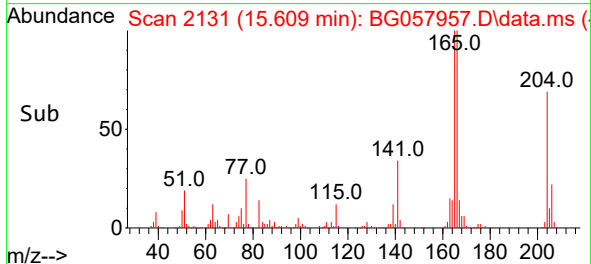
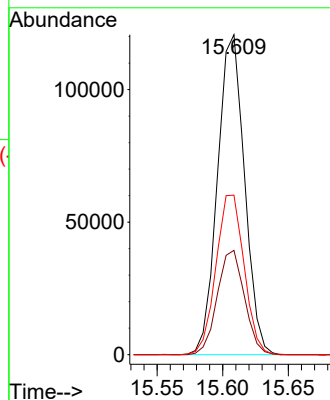
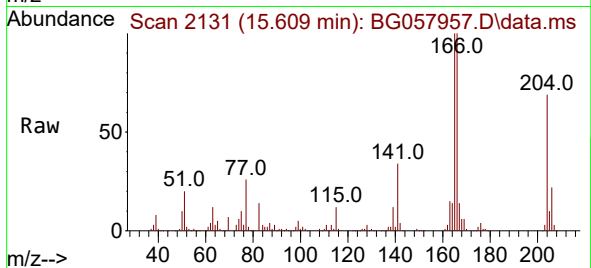
Tgt Ion:204 Resp: 172900

Ion Ratio Lower Upper

204 100

206 32.6 25.8 38.6

141 49.9 41.8 62.6



#63

4-Nitroaniline

Concen: 49.144 ng/ul

RT: 15.632 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

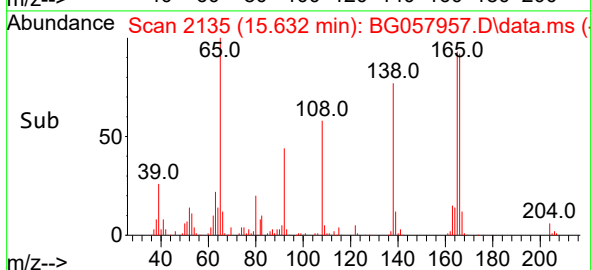
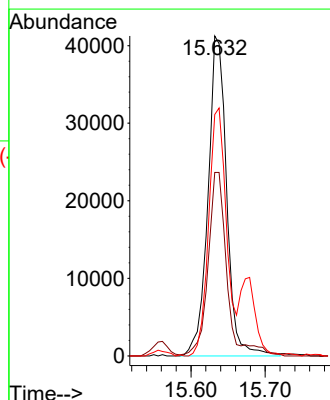
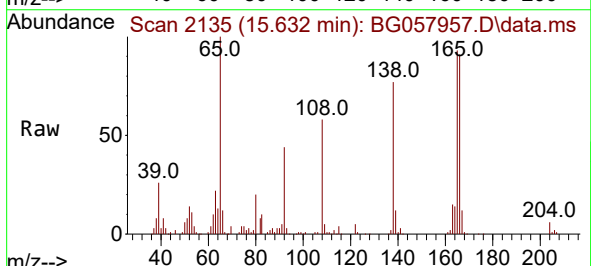
Tgt Ion:138 Resp: 72302

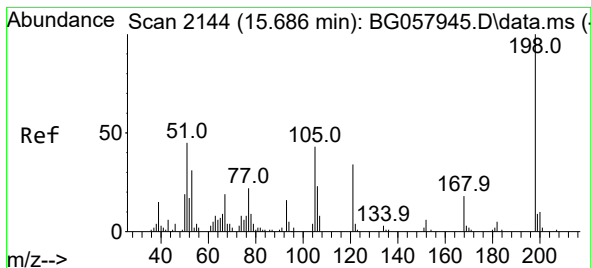
Ion Ratio Lower Upper

138 100

92 57.3 43.8 65.8

108 75.5 58.8 88.2

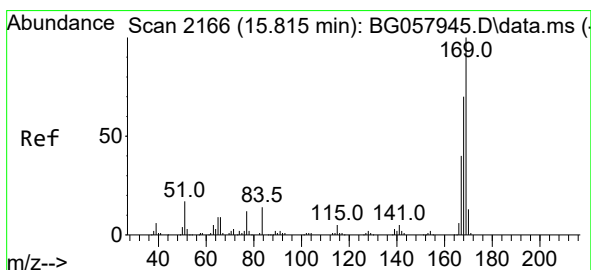
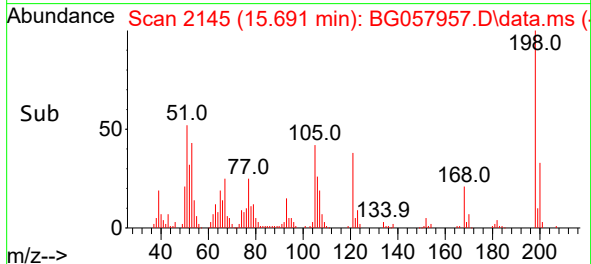
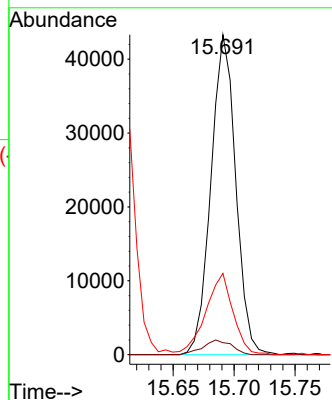
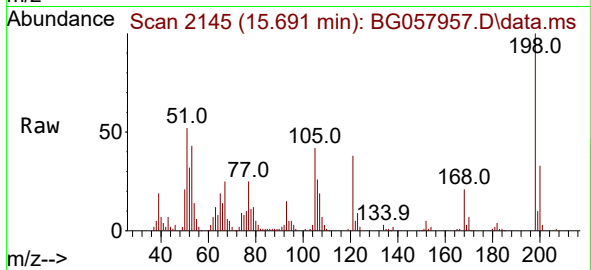




#66
4,6-Dinitro-2-methylphenol
Concen: 37.488 ng/ul
RT: 15.691 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

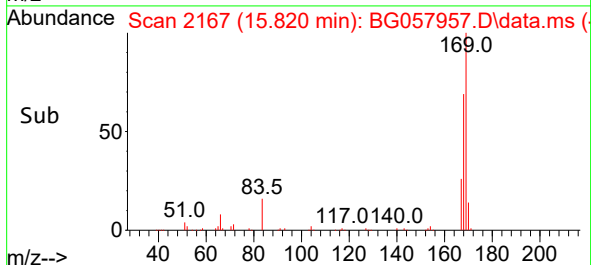
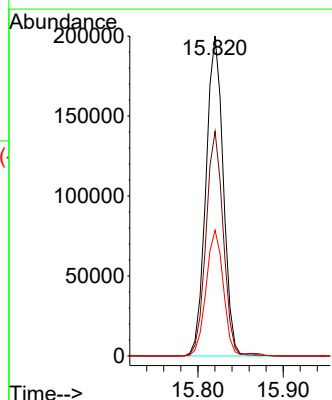
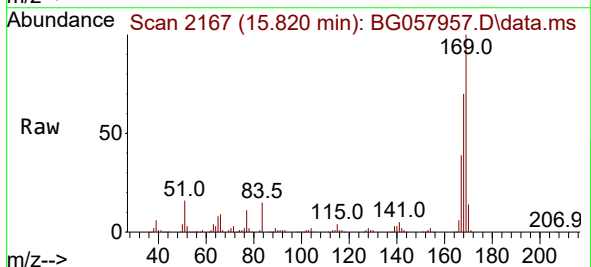
Instrument :
BNA_P
ClientSampleId :

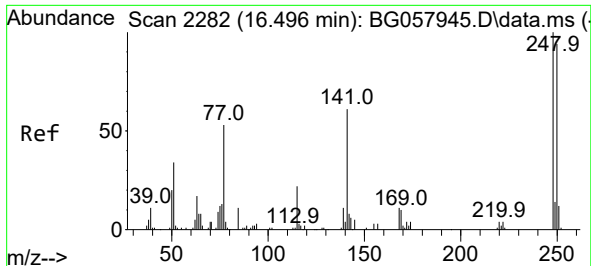
Tgt Ion:198 Resp: 61182
Ion Ratio Lower Upper
198 100
182 3.8 3.1 4.7
77 25.4 17.9 26.9



#67
N-Nitrosodiphenylamine
Concen: 36.084 ng/ul
RT: 15.820 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:169 Resp: 282245
Ion Ratio Lower Upper
169 100
168 70.2 54.2 81.2
167 39.3 30.8 46.2

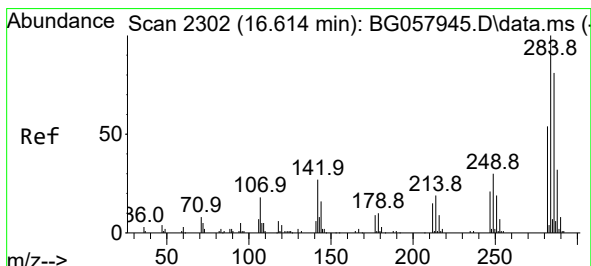
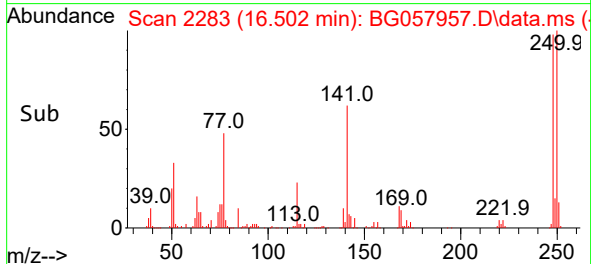
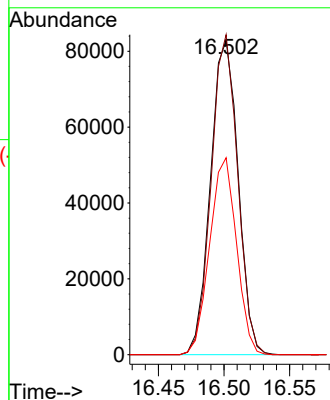
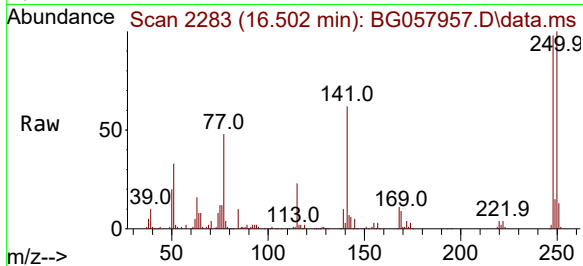




#68
4-Bromophenyl-phenylether
Concen: 37.619 ng/ul
RT: 16.502 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

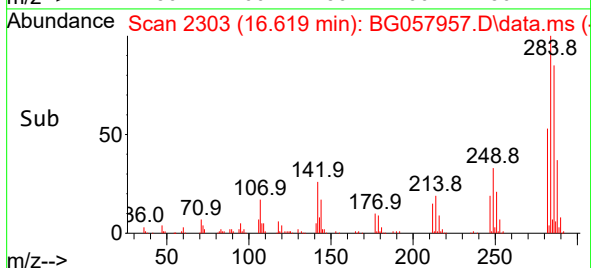
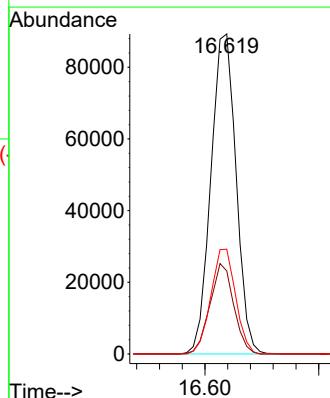
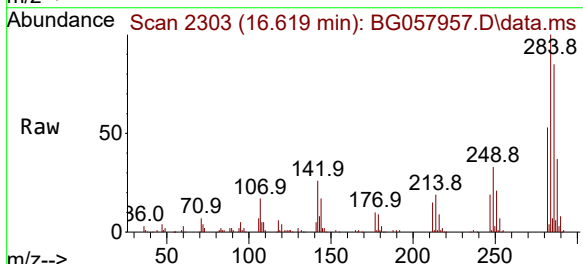
Instrument :
BNA_P
ClientSampleId :

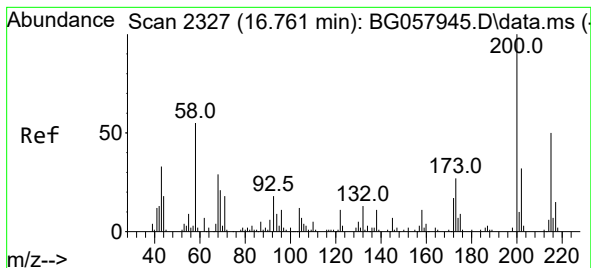
Tgt Ion:248 Resp: 121365
Ion Ratio Lower Upper
248 100
250 101.9 78.3 117.5
141 62.7 49.1 73.7



#69
Hexachlorobenzene
Concen: 38.063 ng/ul
RT: 16.619 min Scan# 2303
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:284 Resp: 137483
Ion Ratio Lower Upper
284 100
142 26.0 21.9 32.9
249 32.7 25.0 37.6





#70

Atrazine

Concen: 27.295 ng/ul

RT: 16.766 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

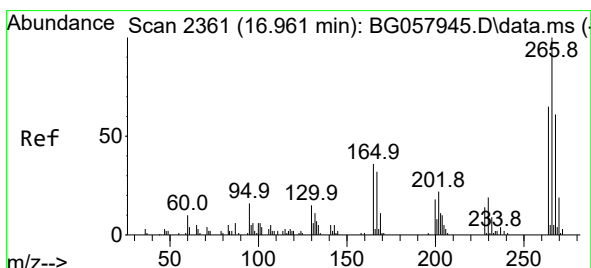
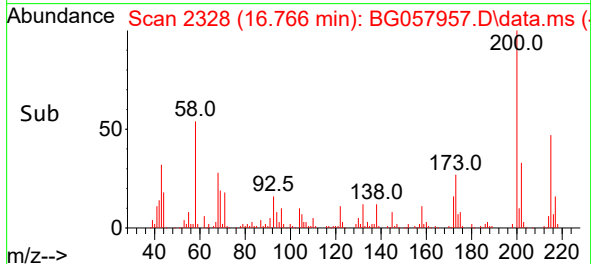
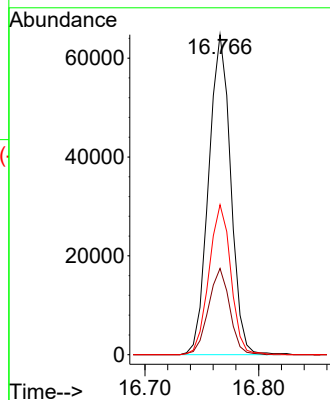
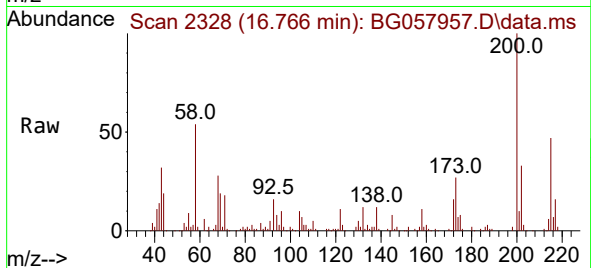
Tgt Ion:200 Resp: 87305

Ion Ratio Lower Upper

200 100

173 27.0 20.0 30.0

215 46.8 35.8 53.8



#71

Pentachlorophenol

Concen: 36.663 ng/ul

RT: 16.960 min Scan# 2361

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

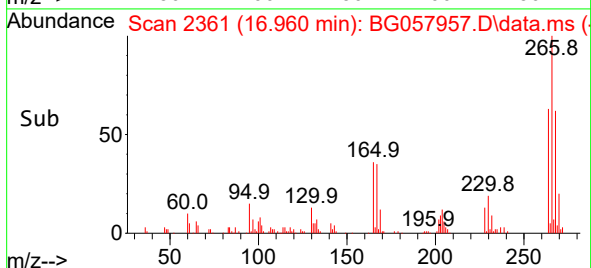
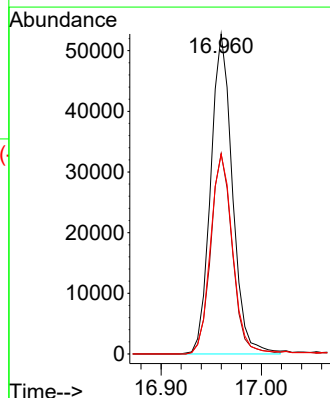
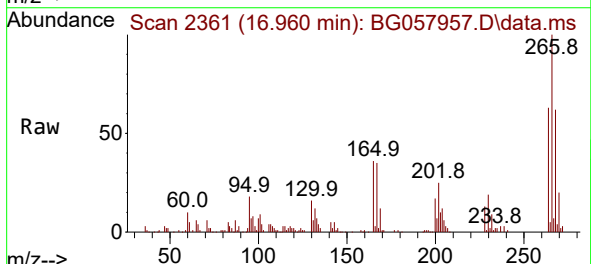
Tgt Ion:266 Resp: 79502

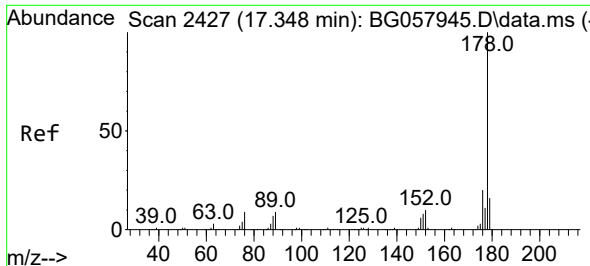
Ion Ratio Lower Upper

266 100

264 62.6 51.5 77.3

268 62.4 49.0 73.4

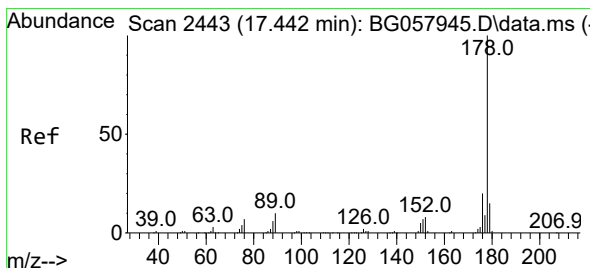
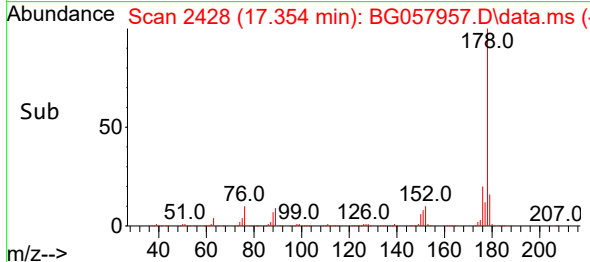
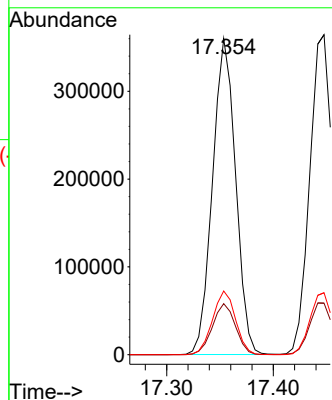
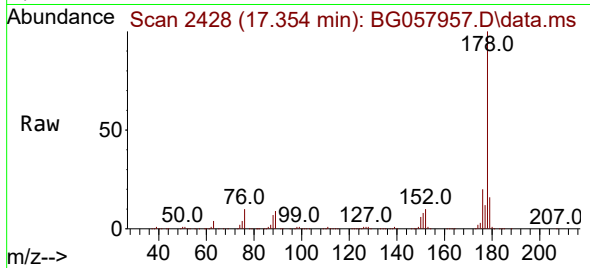




#72
Phenanthrene
Concen: 36.146 ng/ul
RT: 17.354 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

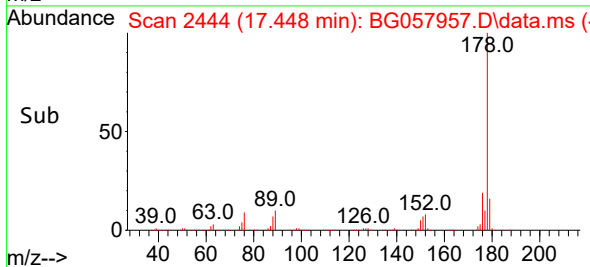
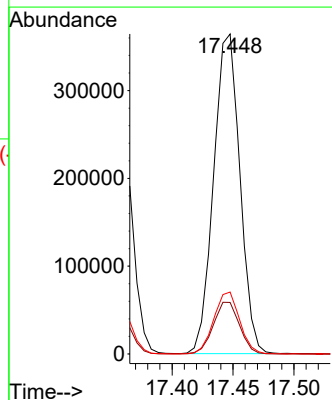
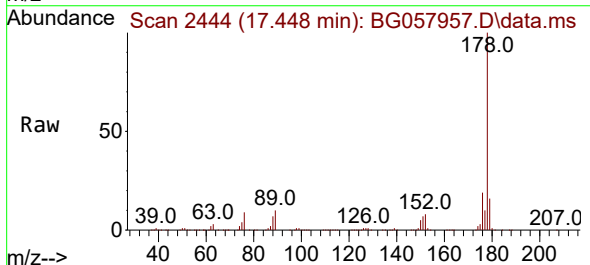
Instrument :
BNA_P
ClientSampleId :

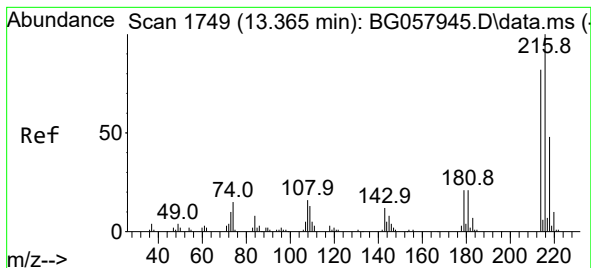
Tgt Ion:178 Resp: 540382
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.1 15.7 23.5



#74
Anthracene
Concen: 36.073 ng/ul
RT: 17.448 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:178 Resp: 545745
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.4 15.4 23.2

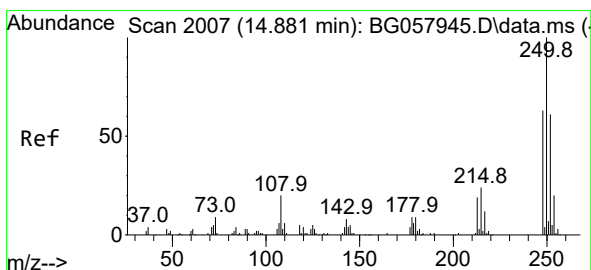
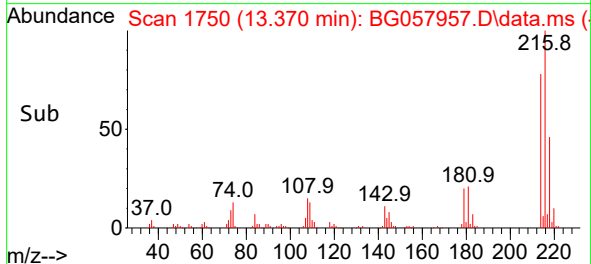
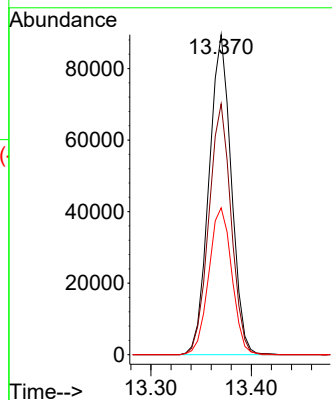
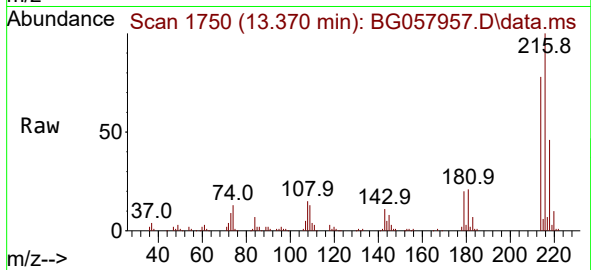




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.364 ng/uL
RT: 13.370 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

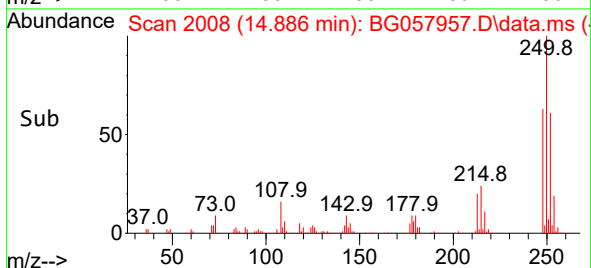
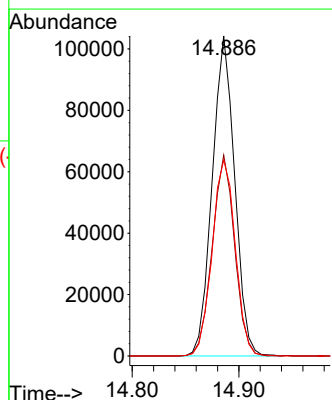
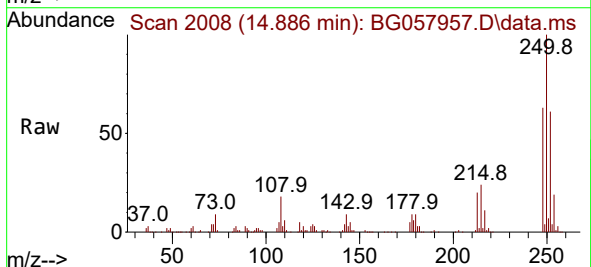
Instrument :
BNA_P
ClientSampleId :

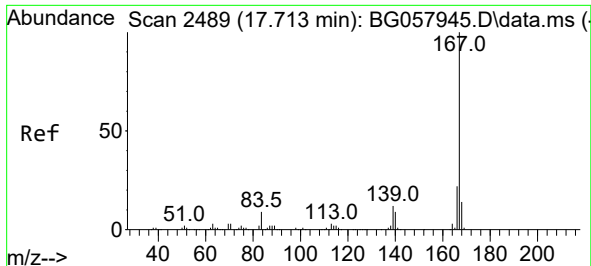
Tgt Ion:216 Resp: 137846
Ion Ratio Lower Upper
216 100
214 78.4 64.8 97.2
218 45.9 39.1 58.7



#76
Pentachlorobenzene
Concen: 36.662 ng/uL
RT: 14.886 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

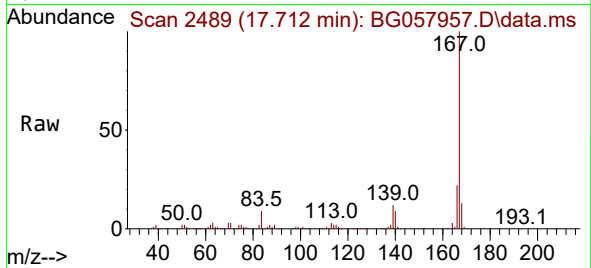
Tgt Ion:250 Resp: 152621
Ion Ratio Lower Upper
250 100
248 62.7 52.8 79.2
252 61.2 52.4 78.6



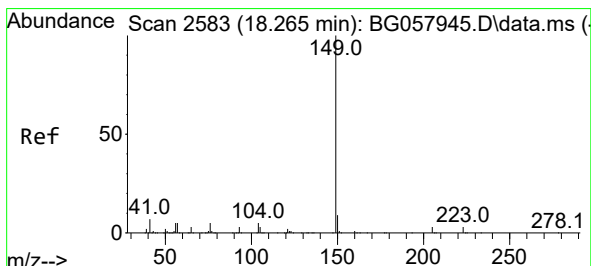
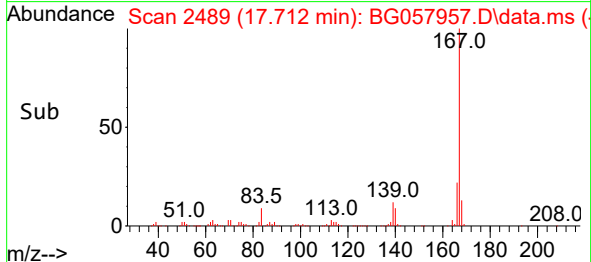
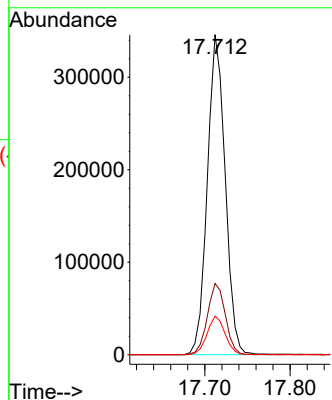


#77
 Carbazole
 Concen: 36.838 ng/ul
 RT: 17.712 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BG057957.D
 Acq: 3 Jul 2023 16:15

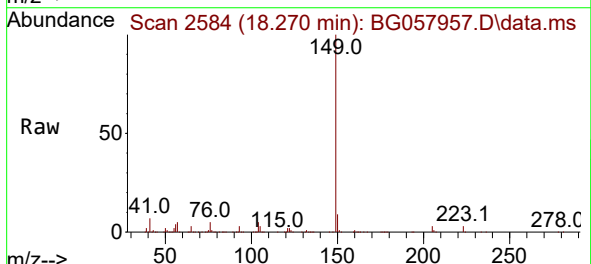
Instrument :
 BNA_P
 ClientSampleId :



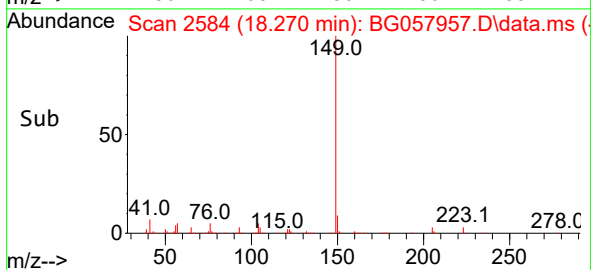
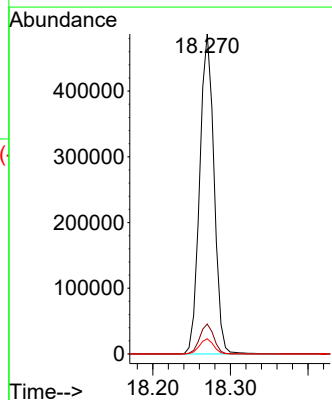
Tgt Ion:167 Resp: 504038
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 12.0 9.5 14.3

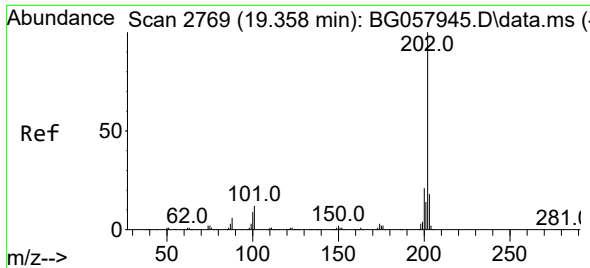


#78
 Di-n-butylphthalate
 Concen: 35.871 ng/ul
 RT: 18.270 min Scan# 2584
 Delta R.T. 0.006 min
 Lab File: BG057957.D
 Acq: 3 Jul 2023 16:15



Tgt Ion:149 Resp: 625213
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.9 5.9

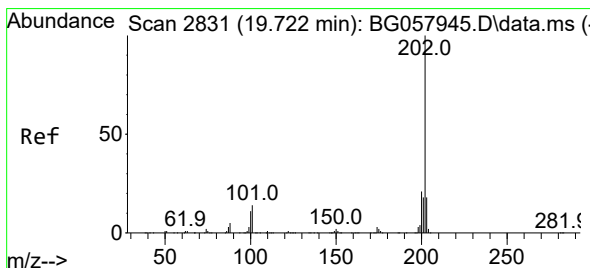
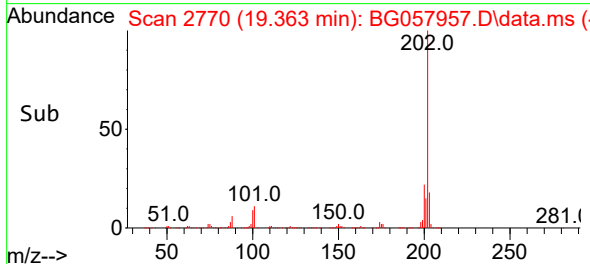
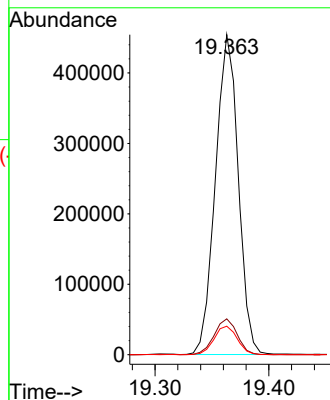
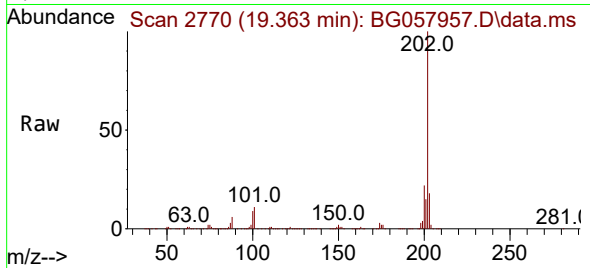




#80
Fluoranthene
Concen: 37.152 ng/ul
RT: 19.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

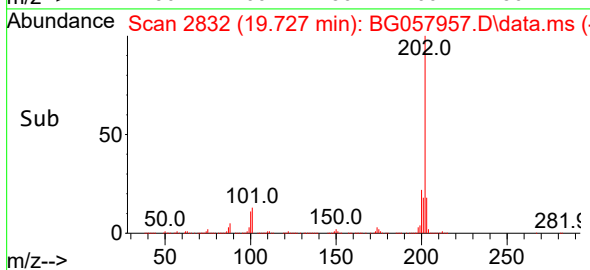
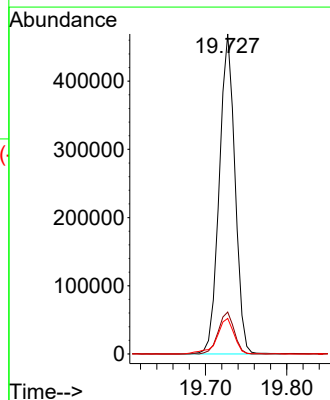
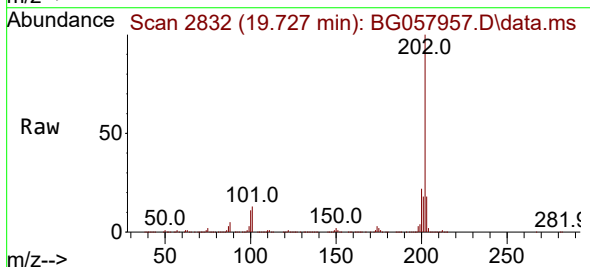
Instrument :
BNA_P
ClientSampleId :

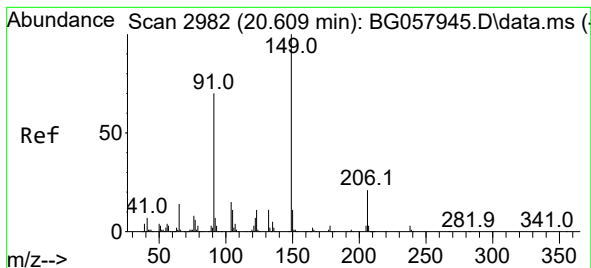
Tgt Ion:202 Resp: 633448
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.9 7.1 10.7



#82
Pyrene
Concen: 36.808 ng/ul
RT: 19.727 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:202 Resp: 631714
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 11.1 8.9 13.3





#83

Butylbenzylphthalate

Concen: 38.486 ng/ul

RT: 20.609 min Scan# 2982

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

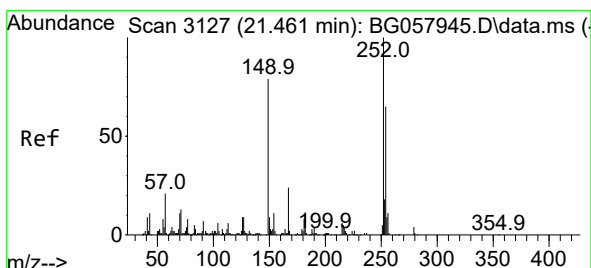
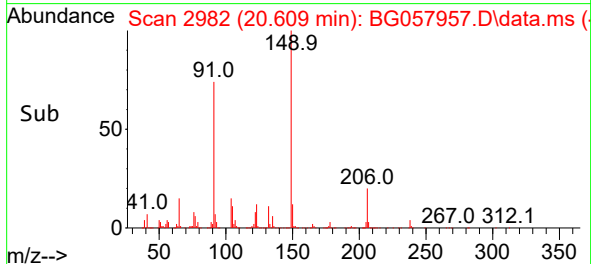
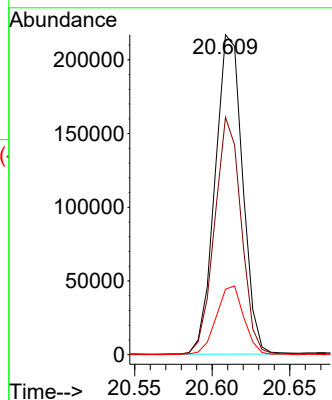
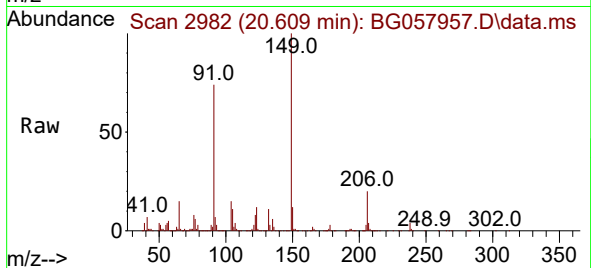
Tgt Ion:149 Resp: 267843

Ion Ratio Lower Upper

149 100

91 74.2 56.5 84.7

206 20.5 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 42.153 ng/ul

RT: 21.460 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

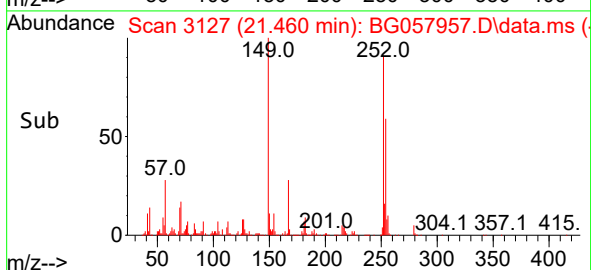
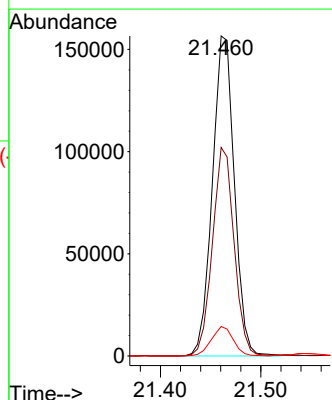
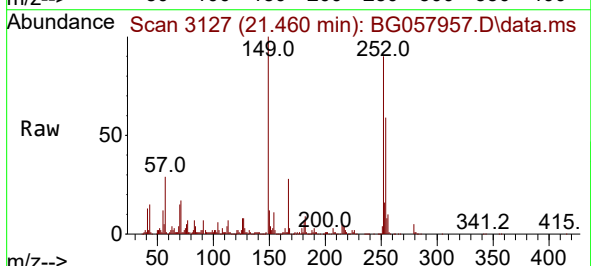
Tgt Ion:252 Resp: 238416

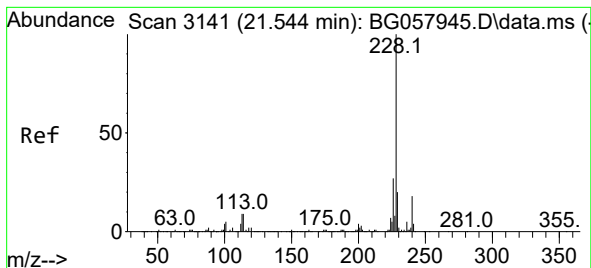
Ion Ratio Lower Upper

252 100

254 65.2 50.7 76.1

126 9.2 6.6 10.0





#85

Benzo(a)anthracene

Concen: 37.137 ng/ul

RT: 21.543 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

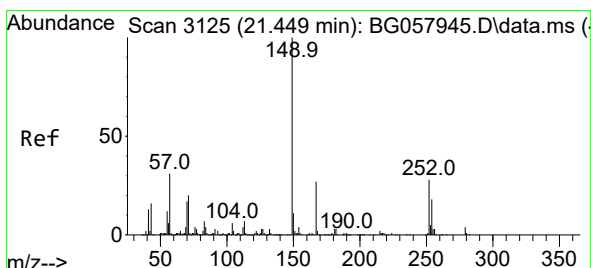
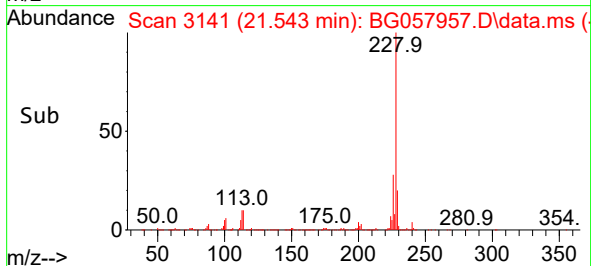
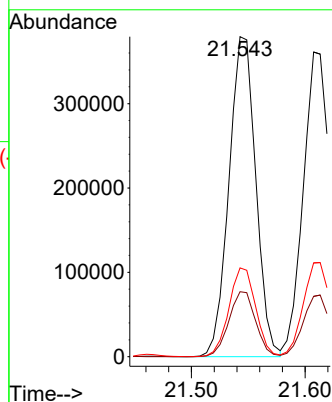
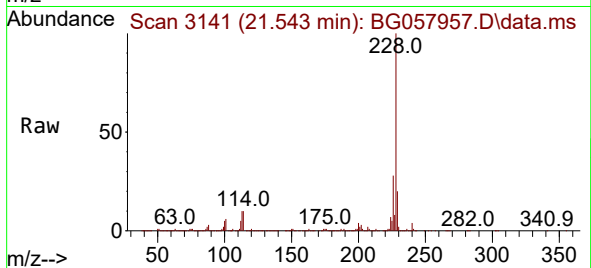
Tgt Ion:228 Resp: 622967

Ion Ratio Lower Upper

228 100

229 20.3 16.0 24.0

226 27.8 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.805 ng/ul

RT: 21.449 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

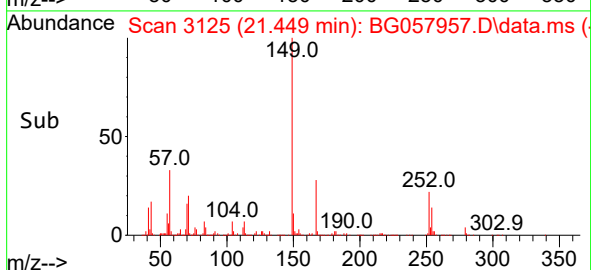
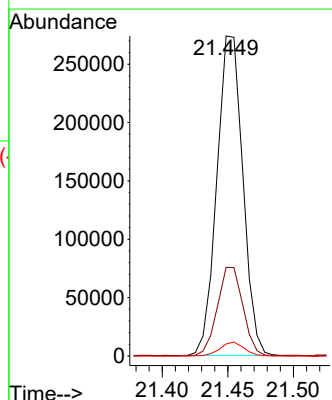
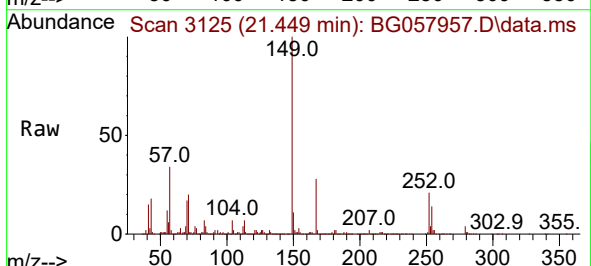
Tgt Ion:149 Resp: 377031

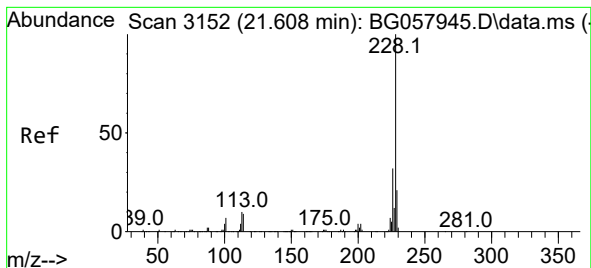
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 3.8 3.1 4.7





#87

Chrysene

Concen: 37.584 ng/ul

RT: 21.607 min Scan# 3152

Delta R.T. -0.000 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

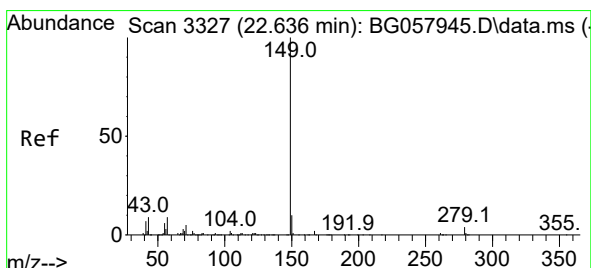
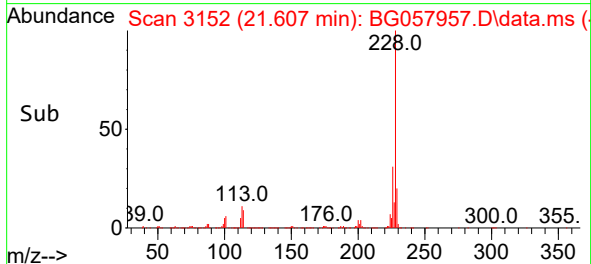
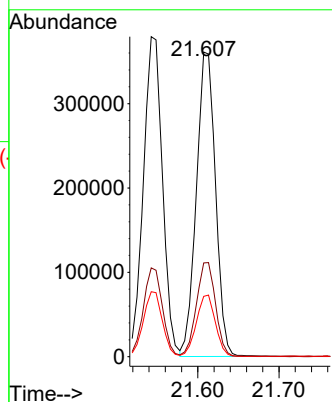
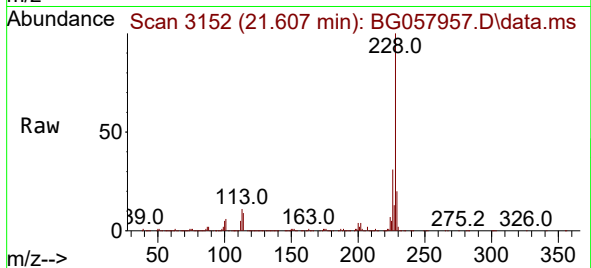
Tgt Ion:228 Resp: 591018

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 37.822 ng/ul

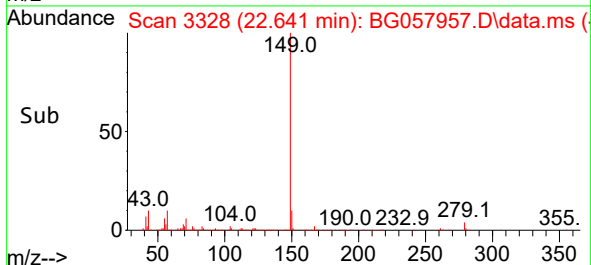
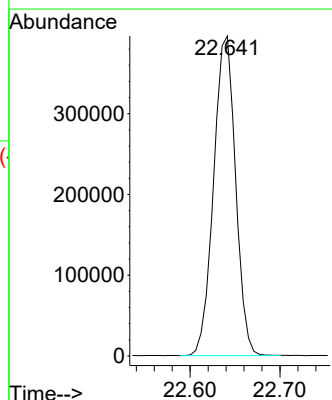
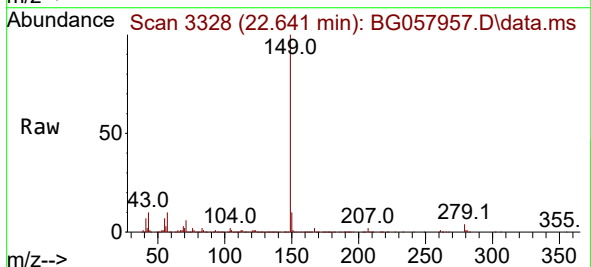
RT: 22.641 min Scan# 3328

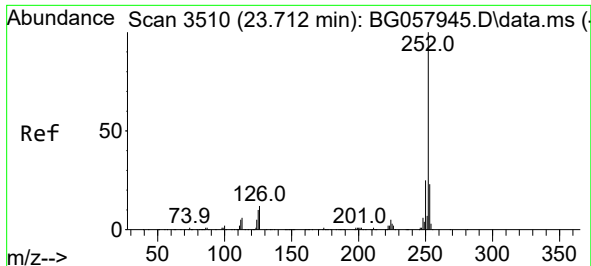
Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Tgt Ion:149 Resp: 672225

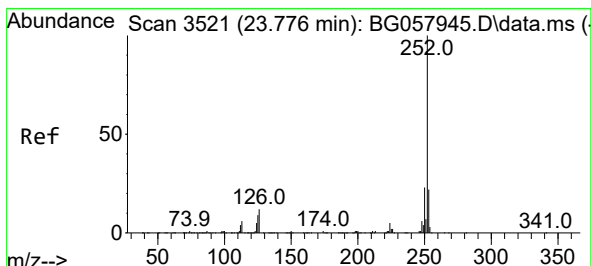
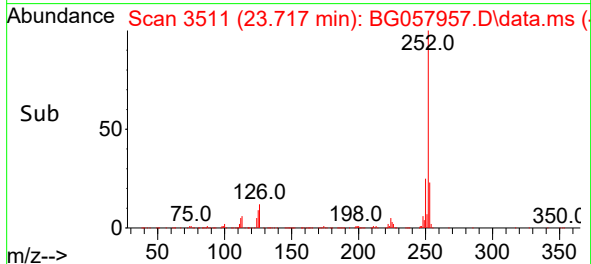
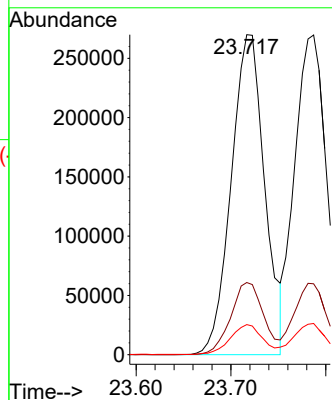
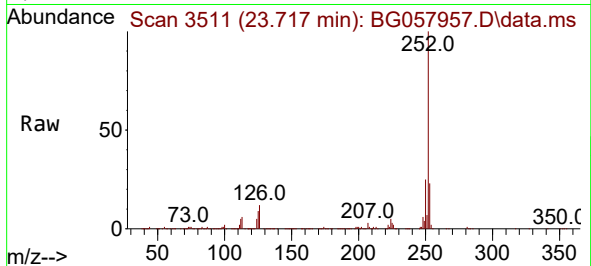




#90
Benzo(b)fluoranthene
Concen: 37.005 ng/u1
RT: 23.717 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

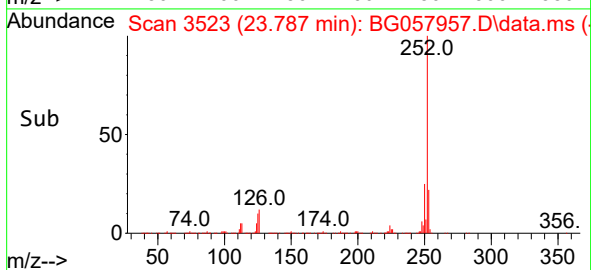
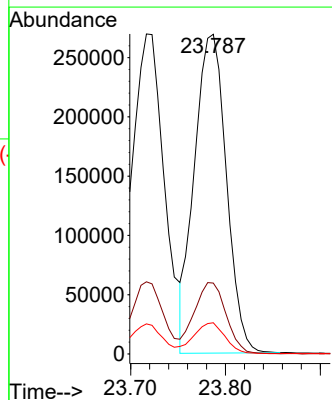
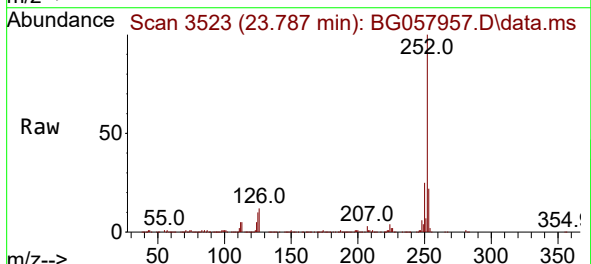
Instrument :
BNA_P
ClientSampleId :

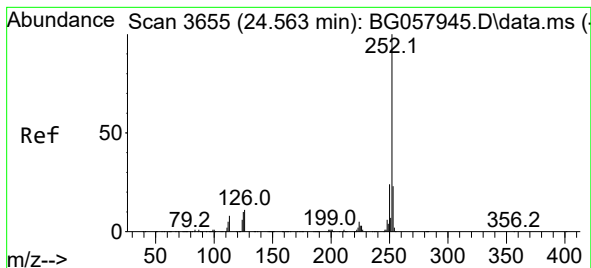
Tgt Ion:252 Resp: 662800
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.4 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 35.864 ng/u1
RT: 23.787 min Scan# 3523
Delta R.T. 0.011 min
Lab File: BG057957.D
Acq: 3 Jul 2023 16:15

Tgt Ion:252 Resp: 629633
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.7 7.4 11.2





#93

Benzo(a)pyrene

Concen: 36.319 ng/ul

RT: 24.574 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

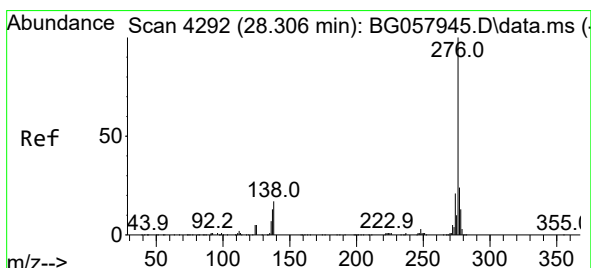
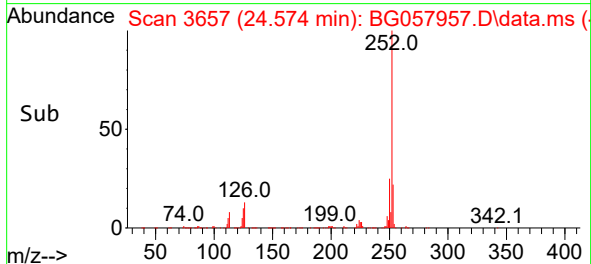
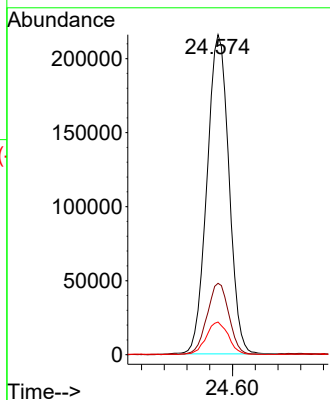
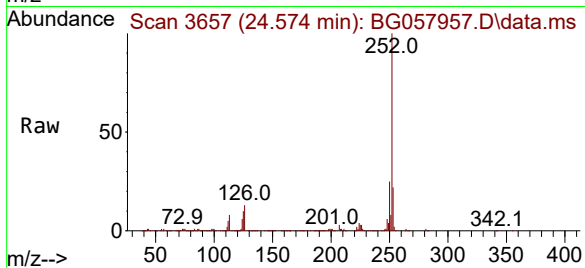
Tgt Ion:252 Resp: 575766

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.2 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.451 ng/ul

RT: 28.317 min Scan# 4294

Delta R.T. 0.011 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

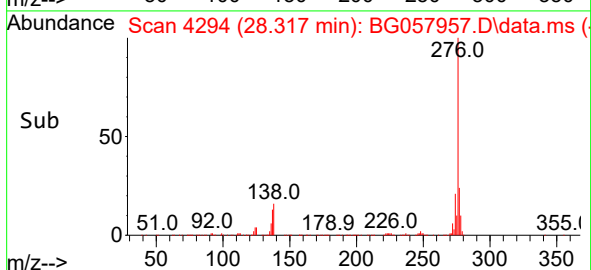
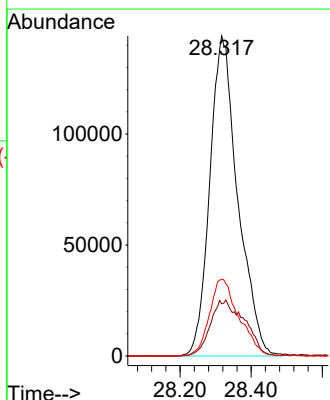
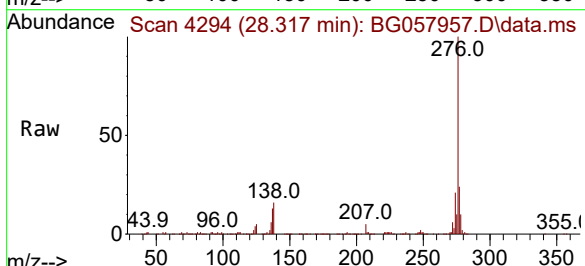
Tgt Ion:276 Resp: 788399

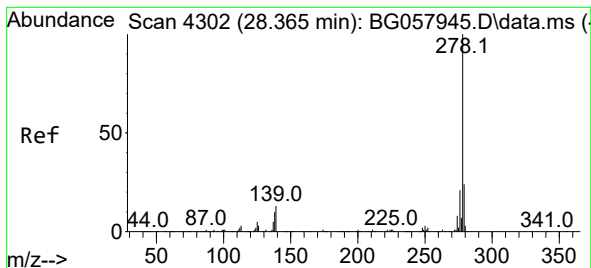
Ion Ratio Lower Upper

276 100

138 16.3 14.0 21.0

277 24.0 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 37.369 ng/ul

RT: 28.382 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Instrument :

BNA_P

ClientSampleId :

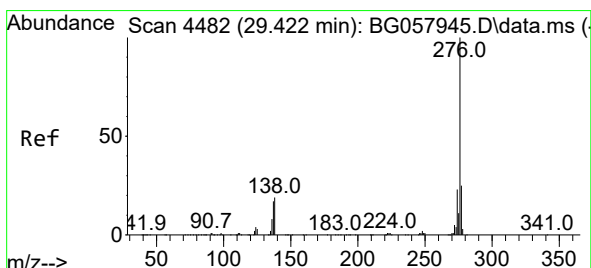
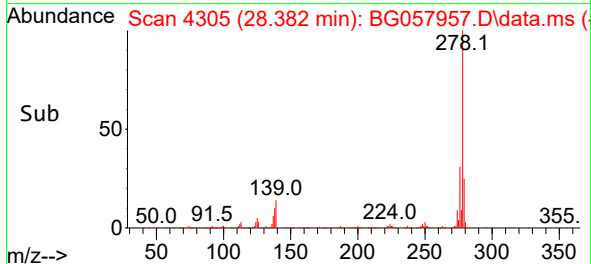
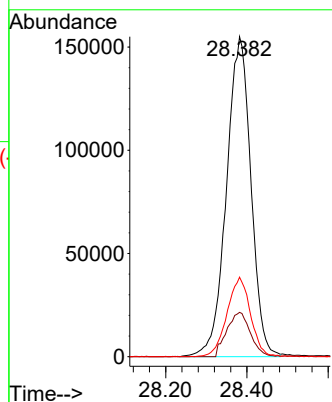
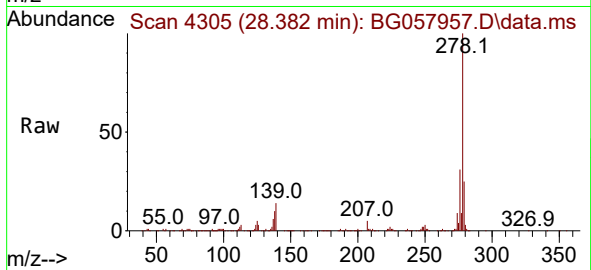
Tgt Ion:278 Resp: 648701

Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

279 24.9 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 37.506 ng/ul

RT: 29.445 min Scan# 4486

Delta R.T. 0.017 min

Lab File: BG057957.D

Acq: 3 Jul 2023 16:15

Tgt Ion:276 Resp: 644910

Ion Ratio Lower Upper

276 100

138 17.9 14.2 21.2

277 24.7 18.6 27.8

