

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057945.D
 Acq On : 3 Jul 2023 8:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:52:05 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	7.930	152	32087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	149768	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	112016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.307	188	294139	20.000	ng/ul	0.00
79) Chrysene-d12	21.561	240	264798	20.000	ng/ul	0.00
88) Perylene-d12	24.716	264	317475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	7550	8.239	ng/uL	0.00
4) Pyridine-d5	3.776	84	55644	20.002	ng/ul	0.00
7) Phenol-d5	7.090	99	64994	19.834	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	39921	20.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.460	132	44431	19.659	ng/ul	0.00
15) 4-Methylphenol-d8	8.635	113	49058	19.841	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	24036	19.691	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	25264	19.693	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	48445	19.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.868	131	79876	21.407	ng/ul	0.00
46) Dimethylphthalate-d6	13.970	166	174589	19.754	ng/ul	0.00
49) Acenaphthylene-d8	14.258	160	189763	19.676	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	30031	19.232	ng/ul	0.00
60) Fluorene-d10	15.556	176	152640	20.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	26335	16.488	ng/ul	0.00
73) Anthracene-d10	17.407	188	260721	19.102	ng/ul	0.00
81) Pyrene-d10	19.693	212	319236	19.142	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.499	264	301120	18.617	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.400	88	8800	7.774	ng/uL	94
5) Pyridine	3.794	79	57549	20.190	ng/ul	99
6) Benzaldehyde	7.066	77	13562	12.393	ng/ul	95
8) Phenol	7.119	94	67001	20.149	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.348	93	52014	20.258	ng/ul	99
12) 2-Chlorophenol	7.495	128	46792	19.896	ng/ul	98
13) 2-Methylphenol	8.371	108	51673	19.786	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.459	45	78984	19.984	ng/ul#	96
16) Acetophenone	8.753	105	85545	20.853	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.729	70	45027	20.532	ng/ul	97
18) 4-Methylphenol	8.700	108	57136	20.233	ng/ul	97
19) Hexachloroethane	9.011	117	18203	20.190	ng/ul	93
22) Nitrobenzene	9.134	77	63540	20.051	ng/ul	100
23) Isophorone	9.652	82	135215	19.997	ng/ul	99
25) 2-Nitrophenol	9.845	139	26879	19.525	ng/ul	97
26) 2,4-Dimethylphenol	9.904	107	62524	20.198	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.139	93	75513	19.818	ng/ul	97
29) 2,4-Dichlorophenol	10.380	162	47648	19.913	ng/ul	91
30) Naphthalene	10.786	128	168983	20.077	ng/ul	99
32) 4-Chloroaniline	10.891	127	81889	21.463	ng/ul	98
33) Hexachlorobutadiene	11.068	225	34028	20.087	ng/ul	92
34) Caprolactam	11.649	113	20766	21.586	ng/ul	87
35) 4-Chloro-3-methylphenol	12.013	107	60032	20.423	ng/ul	99
36) 2-Methylnaphthalene	12.390	142	114311	20.148	ng/ul	95

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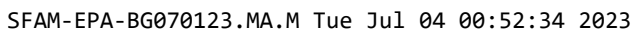
Instrument :
 BNA_P
 ClientSampleId :

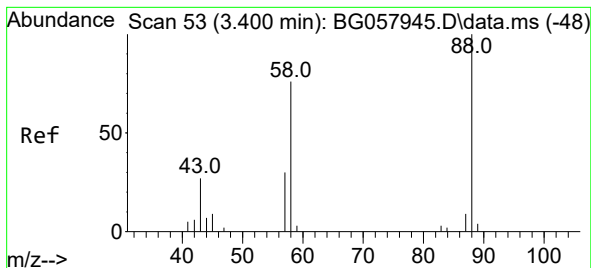
Quant Time: Jul 04 00:52:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	117248	20.608	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.760	216	66084	19.359	ng/ul	99
40) Hexachlorocyclopentadiene	12.736	237	37326	17.360	ng/ul	95
41) 2,4,6-Trichlorophenol	13.001	196	43975	19.007	ng/ul	97
42) 2,4,5-Trichlorophenol	13.071	196	49468	19.770	ng/ul	97
43) 1,1'-Biphenyl	13.400	154	157761	19.543	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	126506	19.527	ng/ul	98
45) 2-Nitroaniline	13.641	65	44588	19.795	ng/ul	96
47) Dimethylphthalate	14.017	163	178110	20.059	ng/ul	98
48) 2,6-Dinitrotoluene	14.135	165	35822	19.654	ng/ul	91
50) Acenaphthylene	14.287	152	205494	19.731	ng/ul	100
51) 3-Nitroaniline	14.464	138	25961	16.855	ng/ul	100
52) Acenaphthene	14.628	153	143028	20.013	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	15305	16.107	ng/ul	97
55) 4-Nitrophenol	14.775	109	22362	19.332	ng/ul	84
56) Dibenzofuran	14.963	168	204188	20.099	ng/ul	98
57) 2,4-Dinitrotoluene	14.922	165	52939	20.500	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.186	232	45449	19.953	ng/ul	96
59) Diethylphthalate	15.380	149	188505	20.340	ng/ul	99
61) Fluorene	15.609	166	171167	20.534	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	88925	20.162	ng/ul	99
63) 4-Nitroaniline	15.627	138	20604	14.932	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.686	198	28800	17.632	ng/ul	99
67) N-Nitrosodiphenylamine	15.815	169	145207	18.550	ng/ul	97
68) 4-Bromophenyl-phenylether	16.496	248	61016	18.898	ng/ul	97
69) Hexachlorobenzene	16.614	284	68518	18.954	ng/ul	98
70) Atrazine	16.761	200	61142	19.100	ng/ul	93
71) Pentachlorophenol	16.961	266	37697	17.370	ng/ul	100
72) Phenanthrene	17.348	178	290884	19.442	ng/ul	100
74) Anthracene	17.442	178	294603	19.458	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.365	216	69077	17.708	ng/ul	99
76) Pentachlorobenzene	14.881	250	76627	18.392	ng/ul	95
77) Carbazole	17.713	167	282489	20.630	ng/ul	99
78) Di-n-butylphthalate	18.265	149	344003	19.721	ng/ul	99
80) Fluoranthene	19.358	202	366486	18.965	ng/ul	99
82) Pyrene	19.722	202	374378	19.246	ng/ul	99
83) Butylbenzylphthalate	20.609	149	147440	18.692	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.461	252	122544	19.116	ng/ul	98
85) Benzo(a)anthracene	21.544	228	362573	19.070	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.449	149	211409	18.703	ng/ul	98
87) Chrysene	21.608	228	338607	18.998	ng/ul	98
89) Di-n-octyl phthalate	22.636	149	371637	19.052	ng/ul	100
90) Benzo(b)fluoranthene	23.712	252	377082	19.183	ng/ul	99
91) Benzo(k)fluoranthene	23.776	252	351048	18.220	ng/ul	100
93) Benzo(a)pyrene	24.563	252	327866	18.844	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.306	276	429536	18.591	ng/ul	99
95) Dibenzo(a,h)anthracene	28.365	278	358479	18.816	ng/ul	99
96) Benzo(g,h,i)perylene	29.422	276	349113	18.500	ng/ul	97

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

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#2

1,4-Dioxane

Concen: 7.774 ng/uL

RT: 3.400 min Scan# 51

Delta R.T. -0.005 min

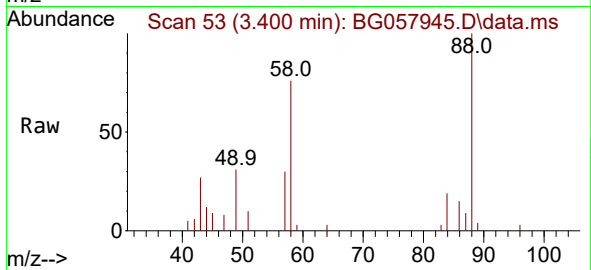
Lab File: BG057945.D

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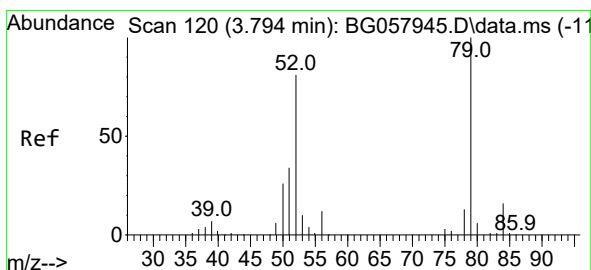
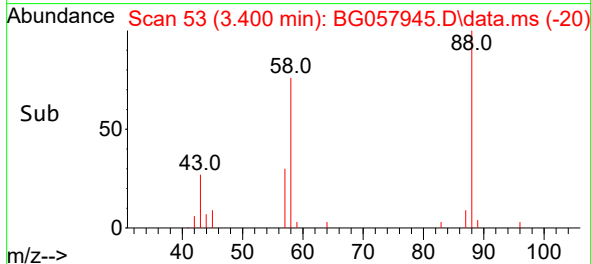
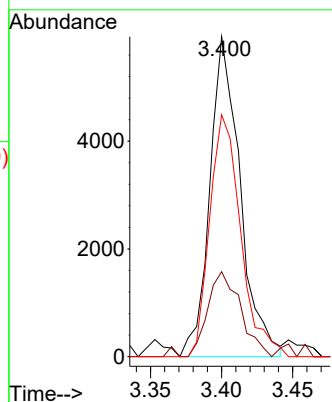
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	88	Resp:	8800
Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.6	30.8
58	75.6	65.5	98.3



#5

Pyridine

Concen: 20.190 ng/uL

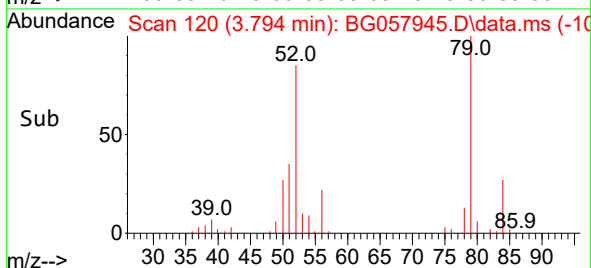
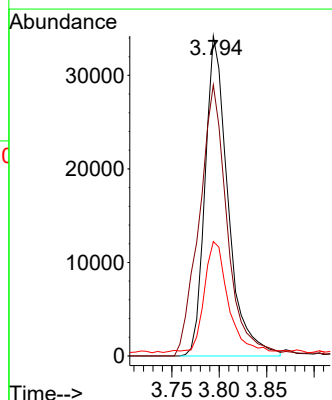
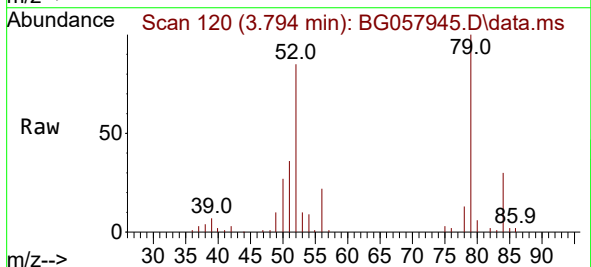
RT: 3.794 min Scan# 120

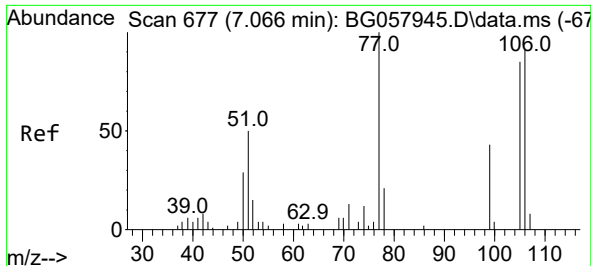
Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Tgt Ion:	79	Resp:	57549
Ion	Ratio	Lower	Upper
79	100		
52	84.7	68.6	102.8
51	35.8	29.4	44.0

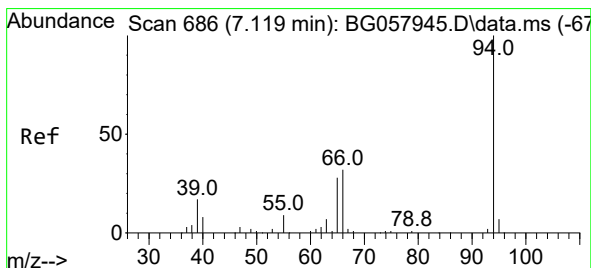
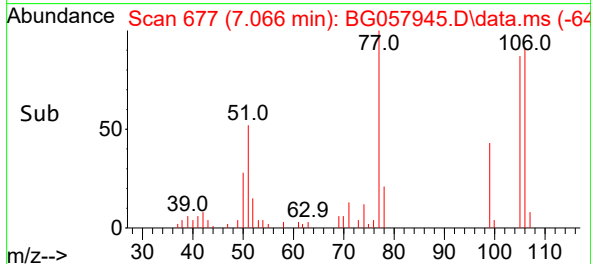
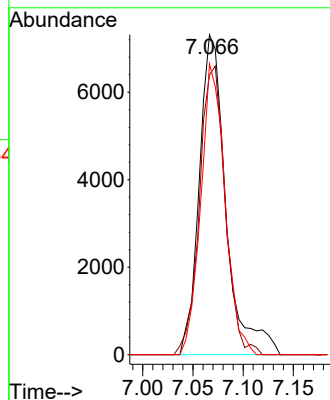
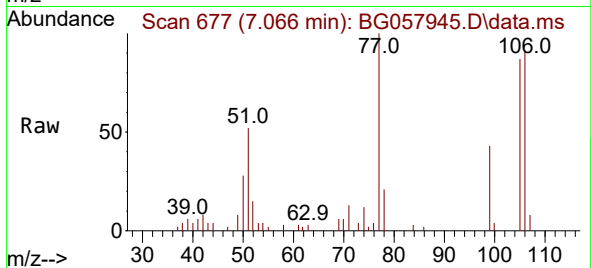




#6
Benzaldehyde
Concen: 12.393 ng/ul
RT: 7.066 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

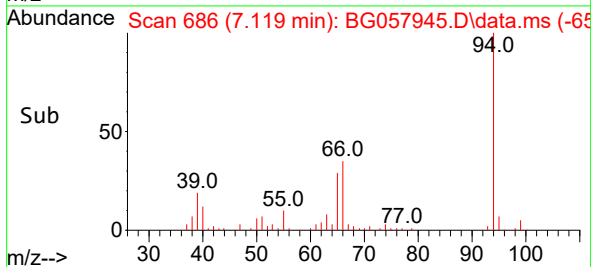
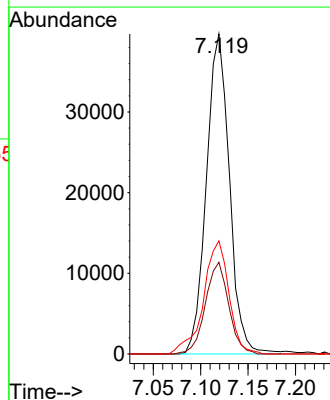
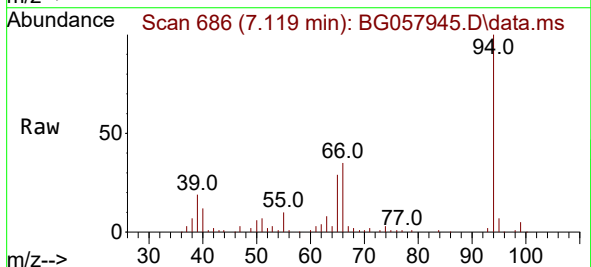
Instrument :
BNA_P
ClientSampleId :

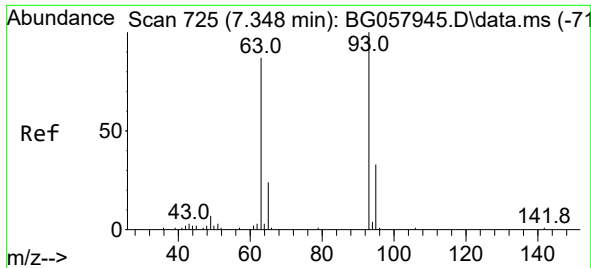
Tgt Ion: 77 Resp: 13562
Ion Ratio Lower Upper
77 100
105 87.3 74.7 112.1
106 90.9 75.9 113.9



#8
Phenol
Concen: 20.149 ng/ul
RT: 7.119 min Scan# 686
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

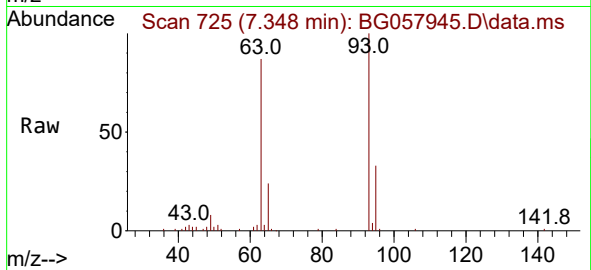
Tgt Ion: 94 Resp: 67001
Ion Ratio Lower Upper
94 100
65 28.7 22.2 33.4
66 35.3 28.6 43.0





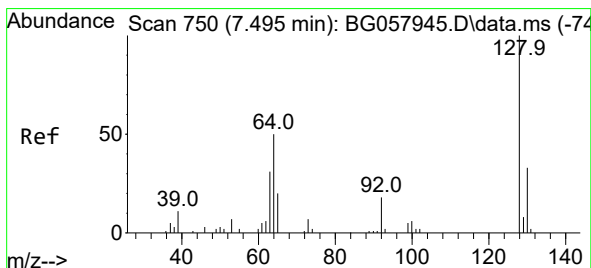
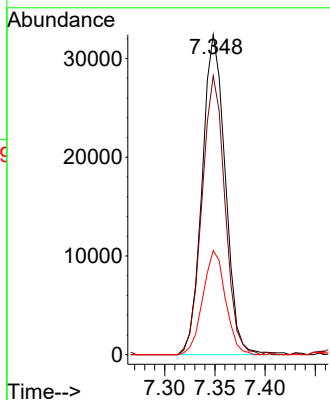
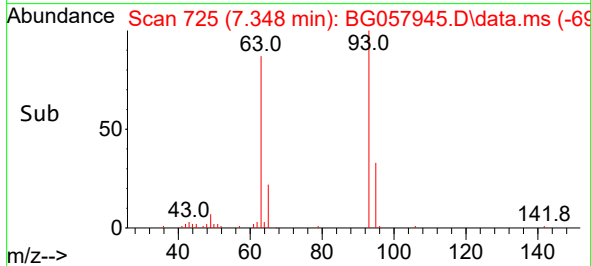
#10
Bis(2-Chloroethyl)ether
Concen: 20.258 ng/ul
RT: 7.348 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

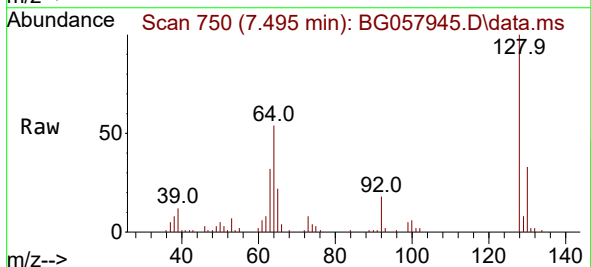


Tgt Ion: 93 Resp: 52014

Ion	Ratio	Lower	Upper
93	100		
63	87.2	69.4	104.0
95	32.6	27.0	40.6

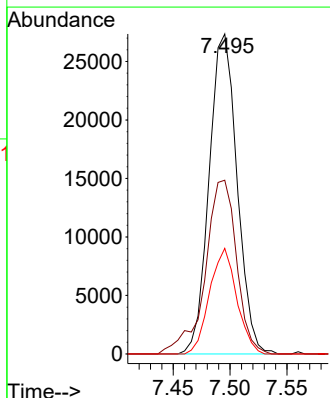
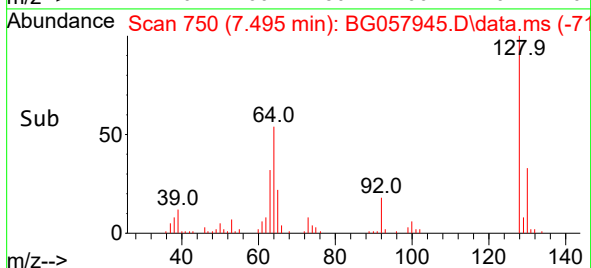


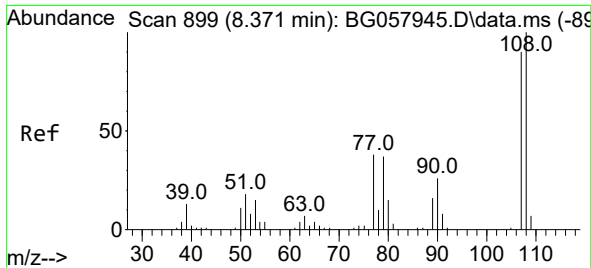
#12
2-Chlorophenol
Concen: 19.896 ng/ul
RT: 7.495 min Scan# 750
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01



Tgt Ion: 128 Resp: 46792

Ion	Ratio	Lower	Upper
128	100		
64	54.3	44.3	66.5
130	33.0	27.3	40.9





#13

2-Methylphenol

Concen: 19.786 ng/ul

RT: 8.371 min Scan# 899

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

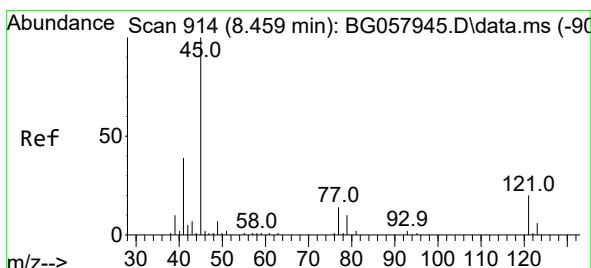
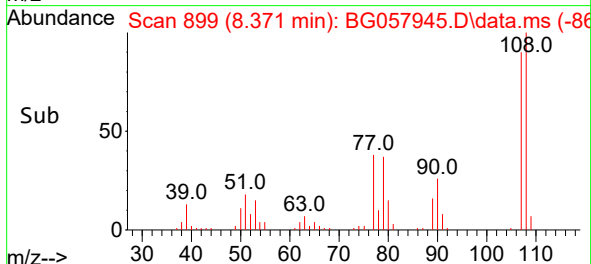
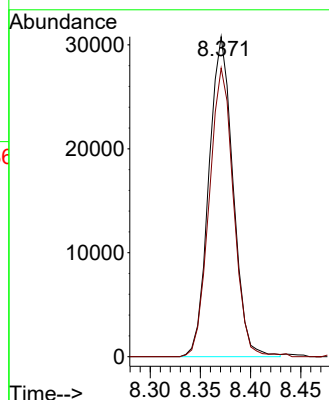
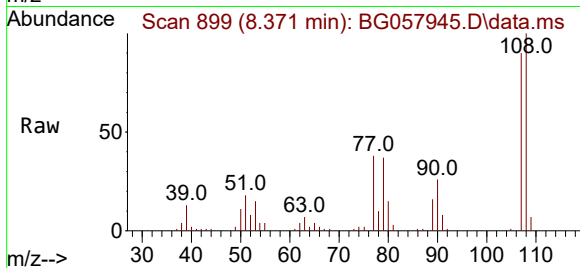
ClientSampleId :

Tgt Ion:108 Resp: 51673

Ion Ratio Lower Upper

108 100

107 90.2 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.984 ng/ul

RT: 8.459 min Scan# 914

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

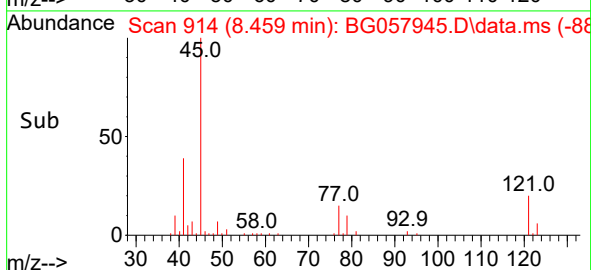
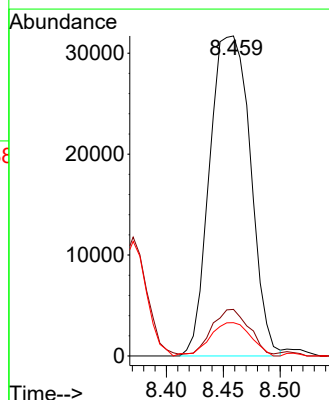
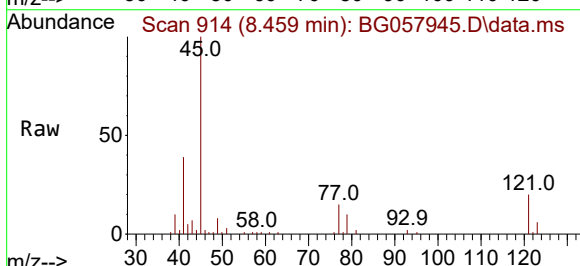
Tgt Ion: 45 Resp: 78984

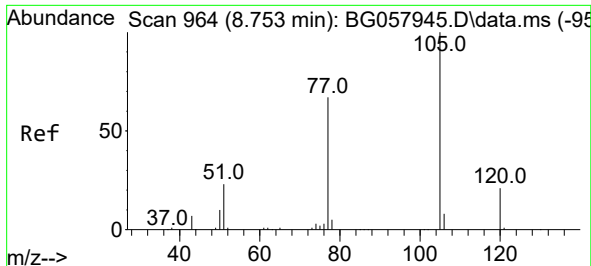
Ion Ratio Lower Upper

45 100

77 14.6 9.4 14.2#

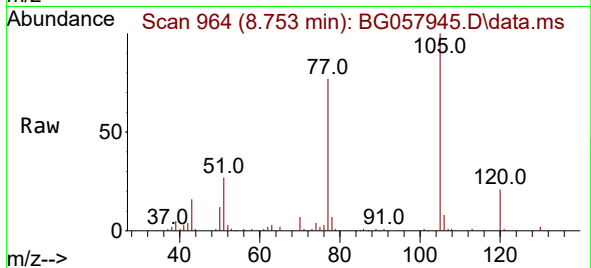
79 10.4 8.3 12.5



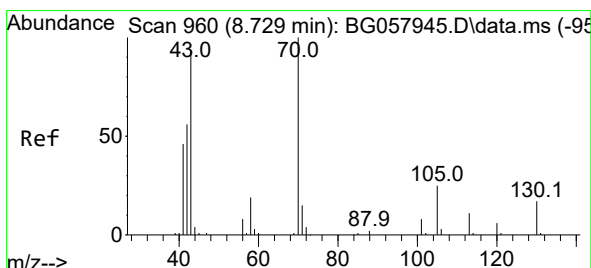
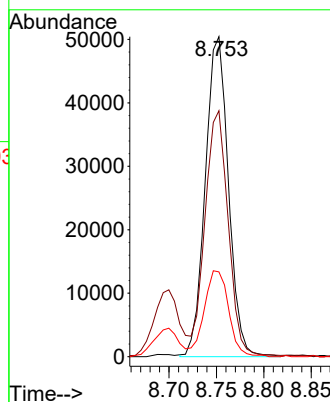
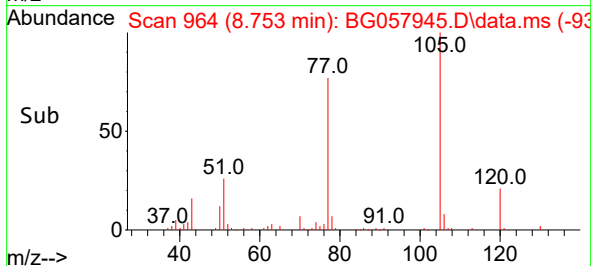


#16
Acetophenone
Concen: 20.853 ng/ul
RT: 8.753 min Scan# 964
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

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ClientSampleId :

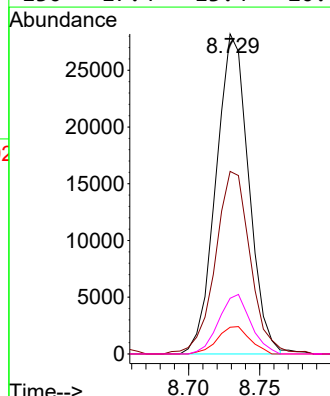
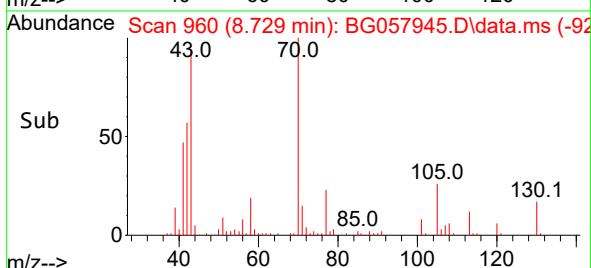
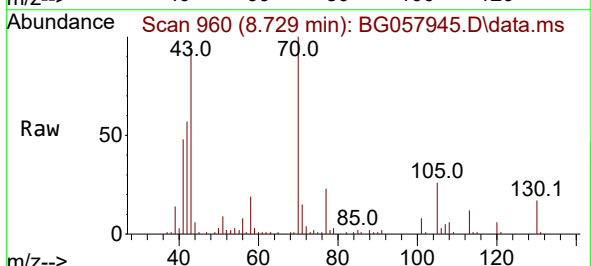


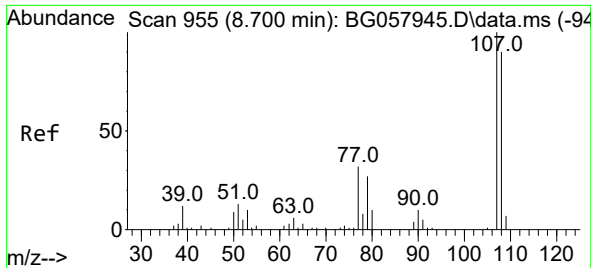
Tgt Ion:105 Resp: 85545
Ion Ratio Lower Upper
105 100
77 76.9 61.2 91.8
51 26.5 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 20.532 ng/ul
RT: 8.729 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion: 70 Resp: 45027
Ion Ratio Lower Upper
70 100
42 57.1 48.0 72.0
101 8.4 7.4 11.2
130 17.4 13.4 20.0

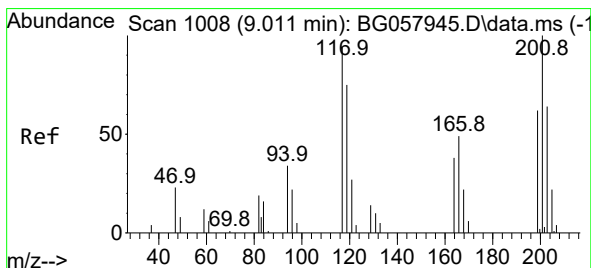
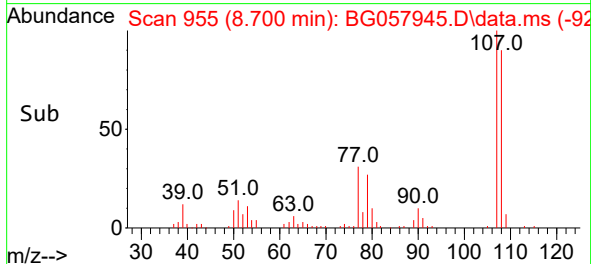
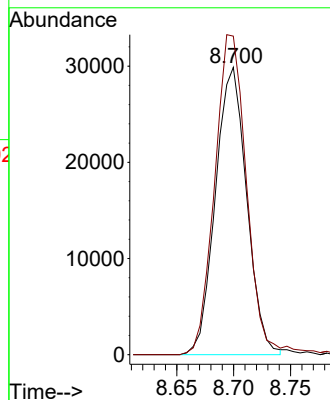
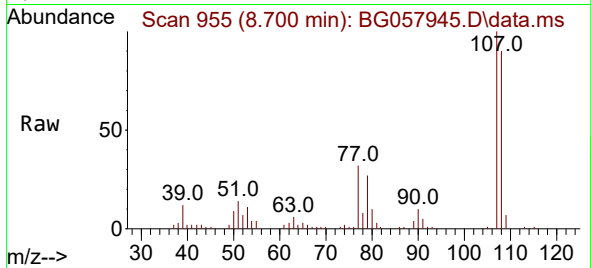




#18
4-Methylphenol
Concen: 20.233 ng/ul
RT: 8.700 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

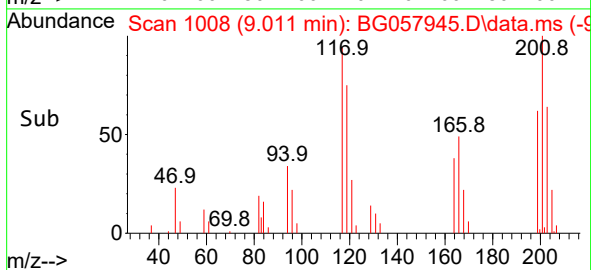
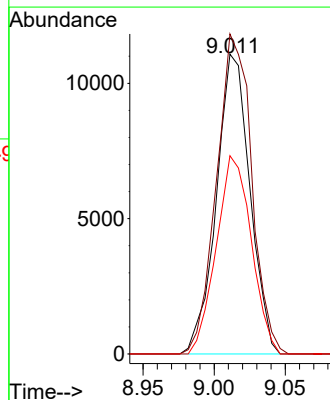
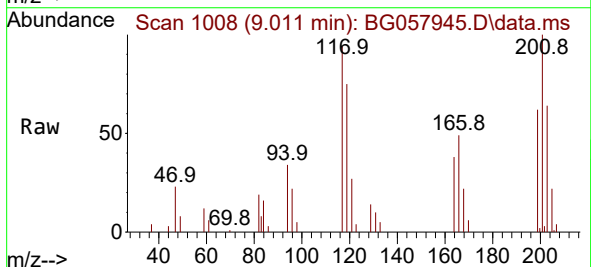
Instrument :
BNA_P
ClientSampleId :

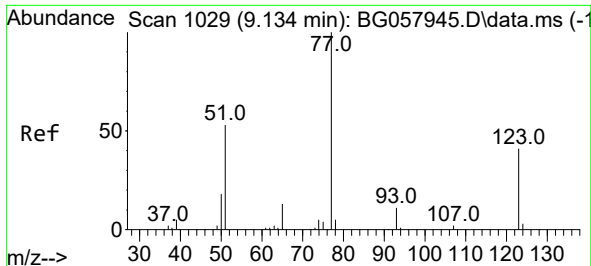
Tgt Ion:108 Resp: 57136
Ion Ratio Lower Upper
108 100
107 110.9 91.1 136.7



#19
Hexachloroethane
Concen: 20.190 ng/ul
RT: 9.011 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:117 Resp: 18203
Ion Ratio Lower Upper
117 100
201 109.6 94.0 141.0
199 68.0 59.8 89.6





#22

Nitrobenzene

Concen: 20.051 ng/ul

RT: 9.134 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BG057945.D

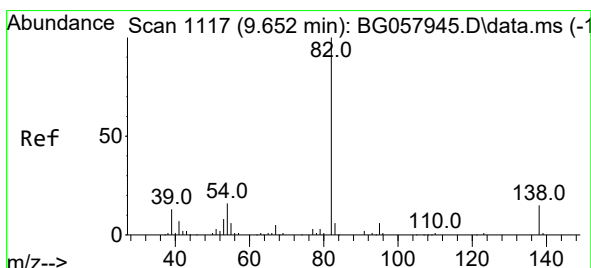
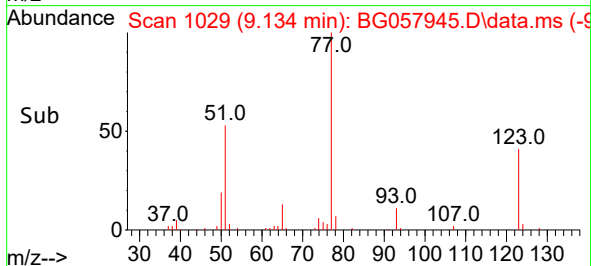
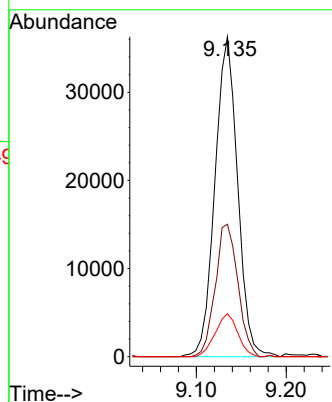
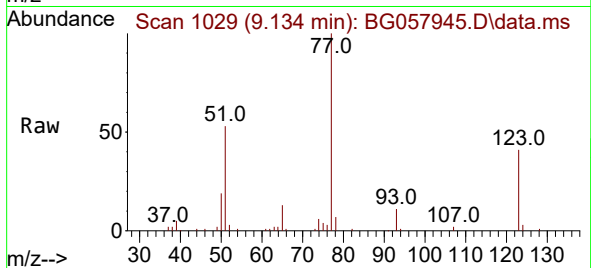
Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77	Resp: 63540
Ion Ratio	Lower Upper
77 100	
123 41.4	33.3 49.9
65 13.4	10.4 15.6



#23

Isophorone

Concen: 19.997 ng/ul

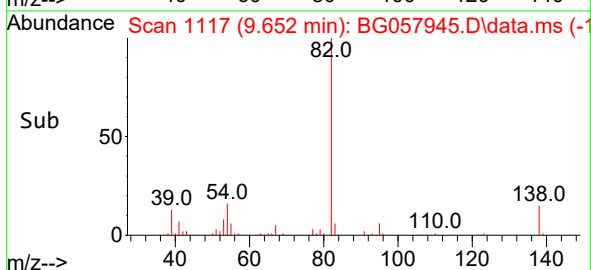
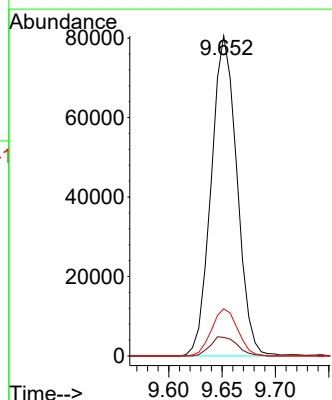
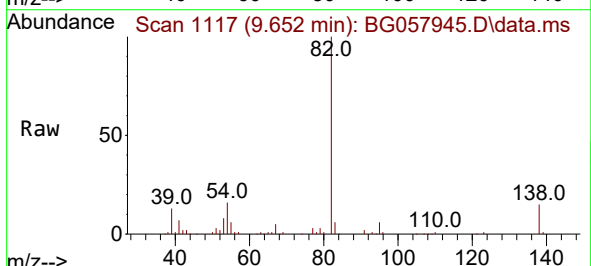
RT: 9.652 min Scan# 1117

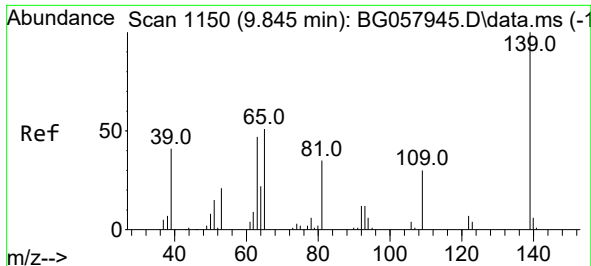
Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

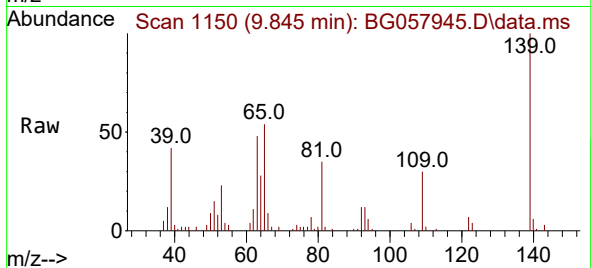
Tgt Ion: 82	Resp: 135215
Ion Ratio	Lower Upper
82 100	
95 5.8	4.8 7.2
138 14.8	11.4 17.0



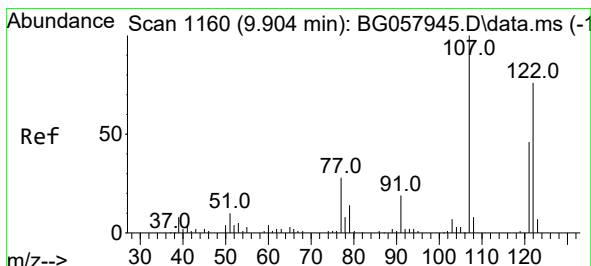
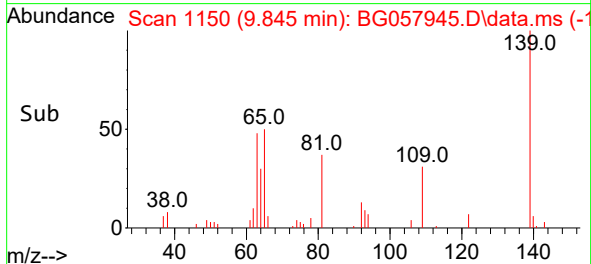
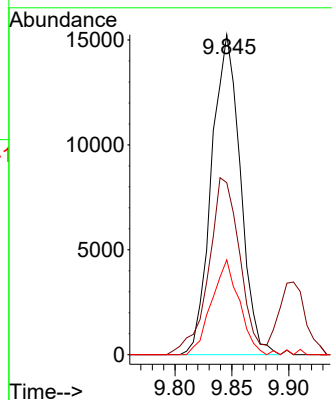


#25
2-Nitrophenol
Concen: 19.525 ng/ul
RT: 9.845 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

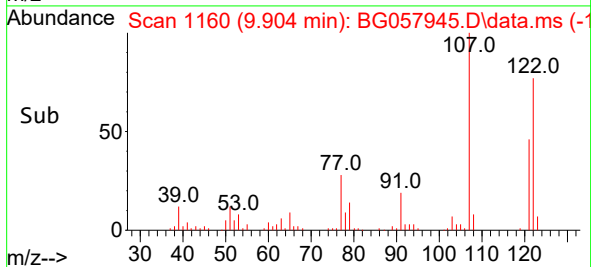
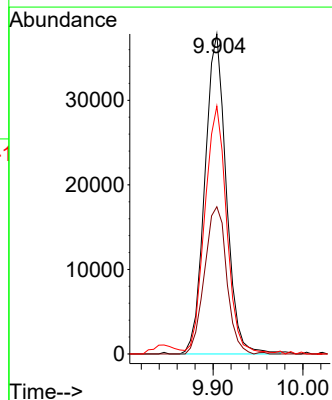
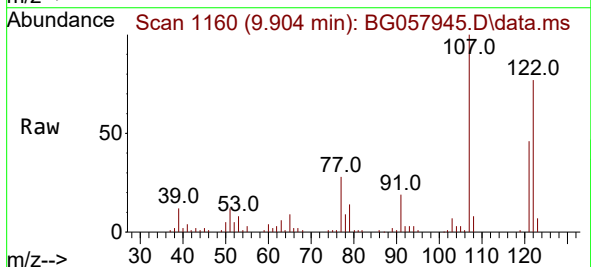


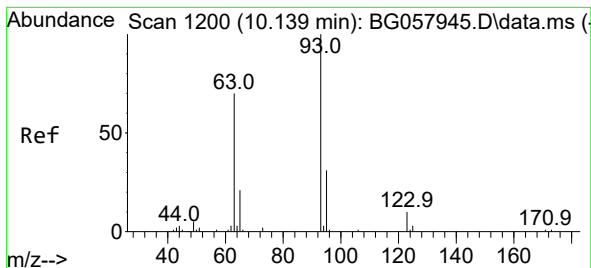
Tgt Ion:139 Resp: 26879
Ion Ratio Lower Upper
139 100
65 53.7 42.6 64.0
109 29.6 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 20.198 ng/ul
RT: 9.904 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:107 Resp: 62524
Ion Ratio Lower Upper
107 100
121 46.0 40.6 60.8
122 77.4 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 19.818 ng/ul

RT: 10.139 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

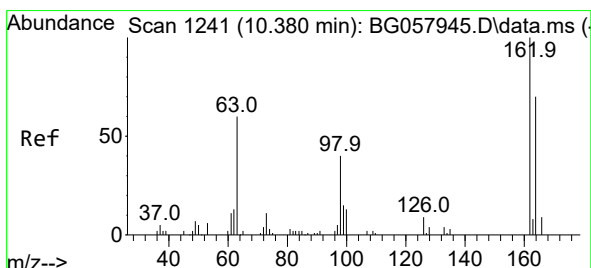
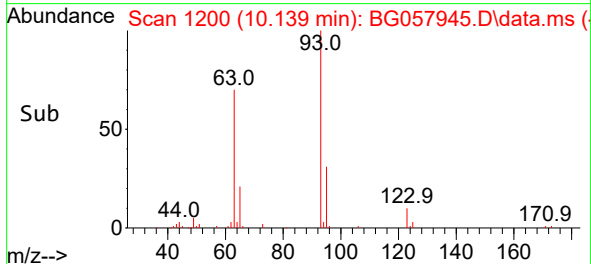
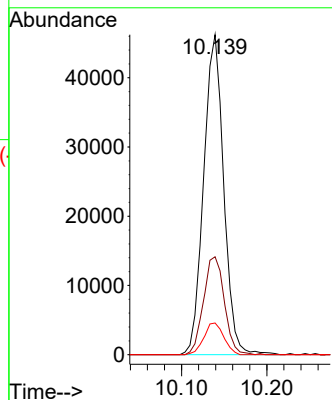
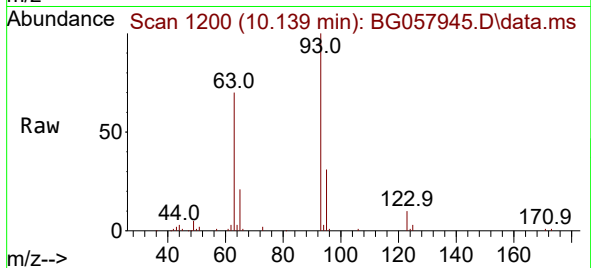
Tgt Ion: 93 Resp: 75513

Ion Ratio Lower Upper

93 100

95 30.6 26.4 39.6

123 9.9 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 19.913 ng/ul

RT: 10.380 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

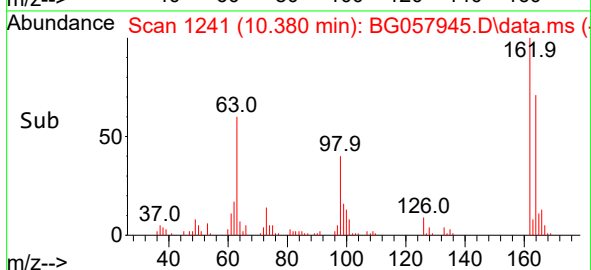
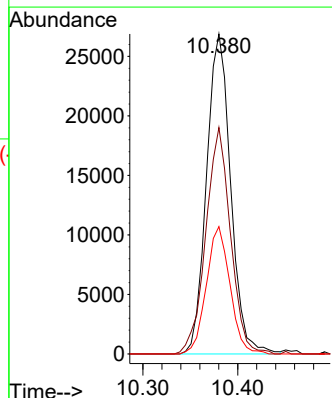
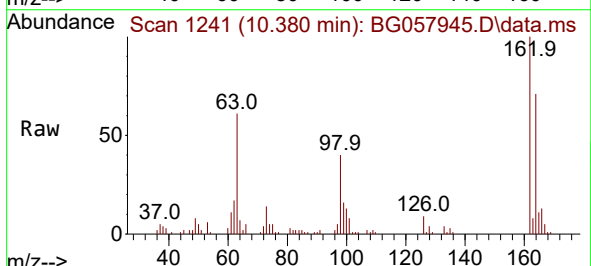
Tgt Ion:162 Resp: 47648

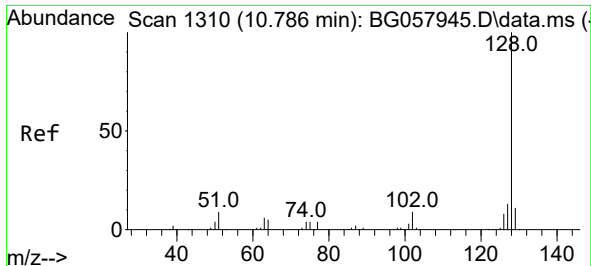
Ion Ratio Lower Upper

162 100

164 70.8 51.1 76.7

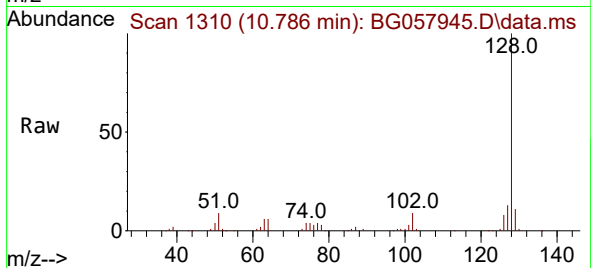
98 39.8 27.9 41.9



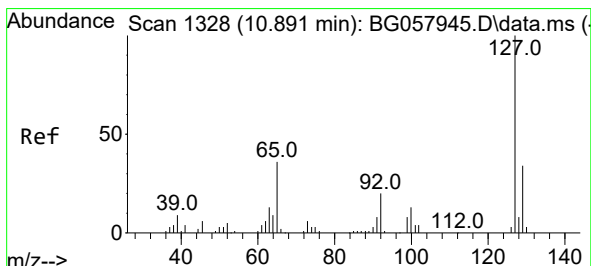
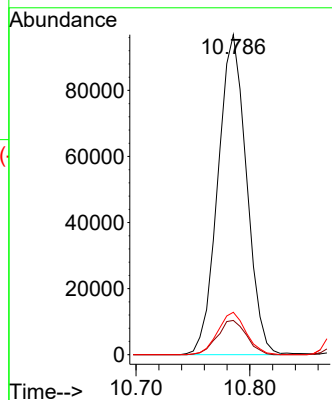
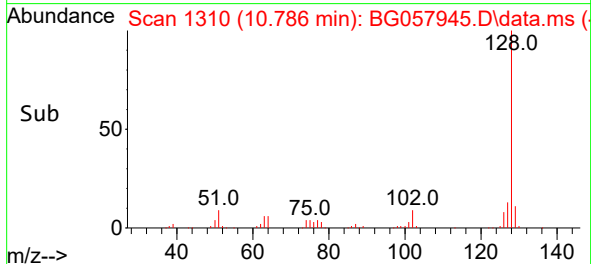


#30
Naphthalene
Concen: 20.077 ng/ul
RT: 10.786 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

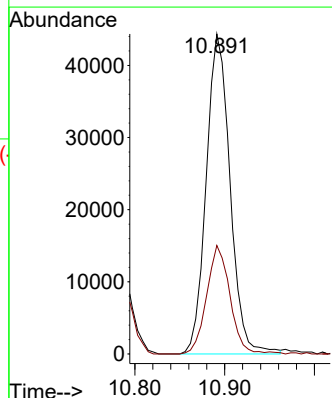
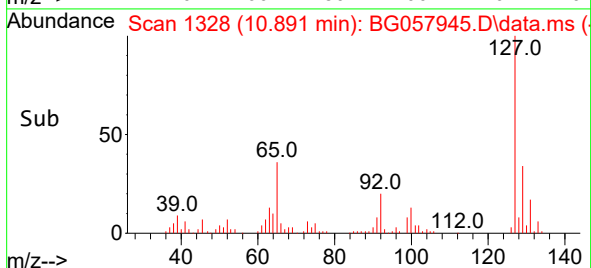
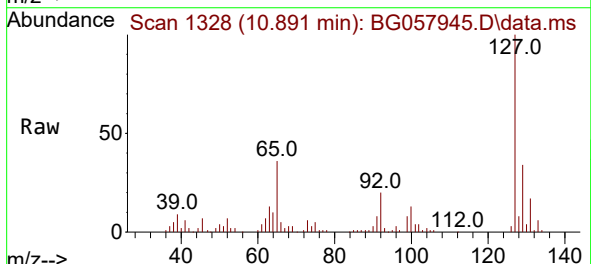


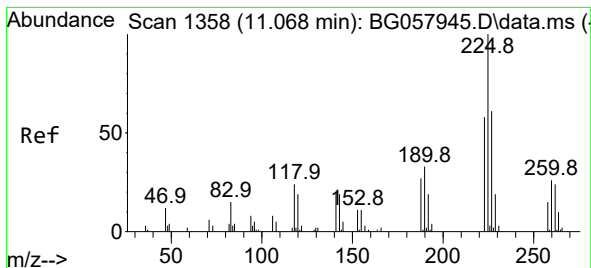
Tgt Ion:128 Resp: 168983
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.2 15.2



#32
4-Chloroaniline
Concen: 21.463 ng/ul
RT: 10.891 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:127 Resp: 81889
Ion Ratio Lower Upper
127 100
129 33.9 26.0 39.0





#33

Hexachlorobutadiene

Concen: 20.087 ng/ul

RT: 11.068 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

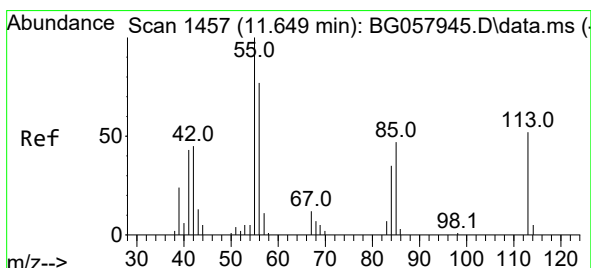
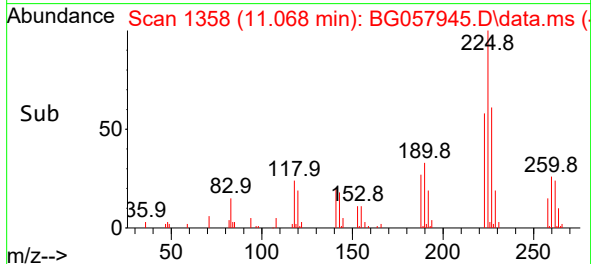
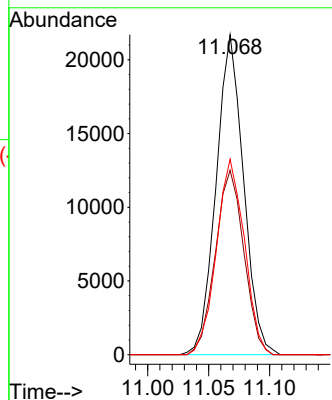
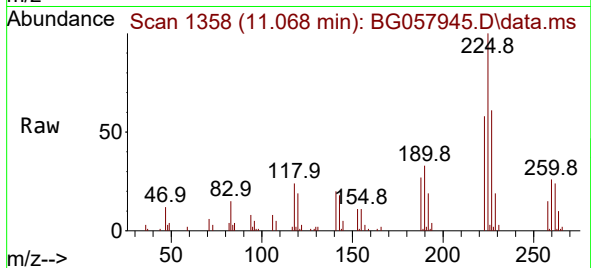
Tgt Ion:225 Resp: 34028

Ion Ratio Lower Upper

225 100

223 57.6 53.2 79.8

227 61.0 51.4 77.2



#34

Caprolactam

Concen: 21.586 ng/ul

RT: 11.649 min Scan# 1457

Delta R.T. -0.005 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

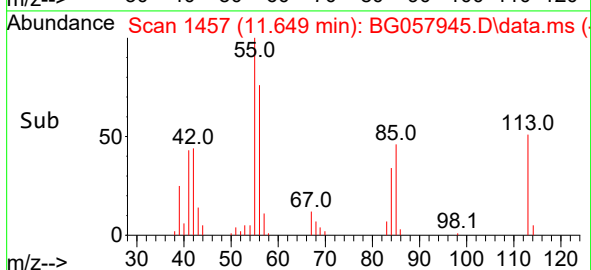
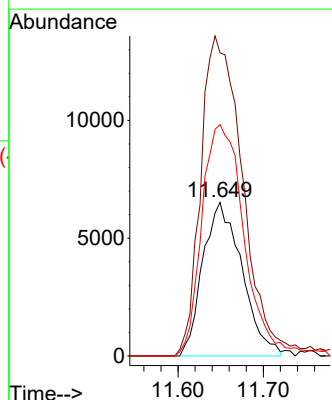
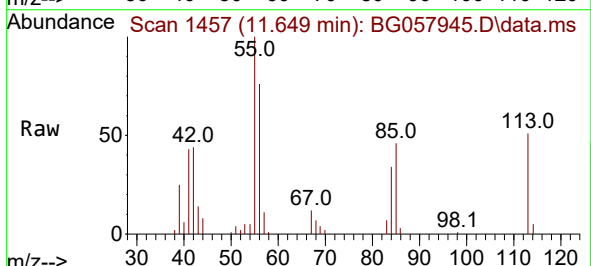
Tgt Ion:113 Resp: 20766

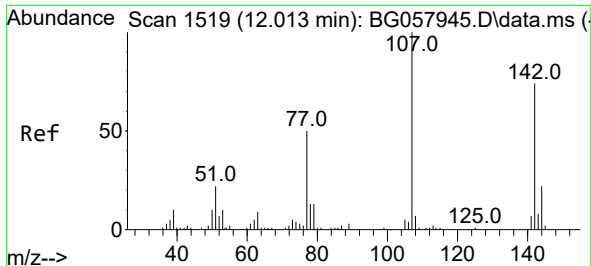
Ion Ratio Lower Upper

113 100

55 197.2 183.4 275.2

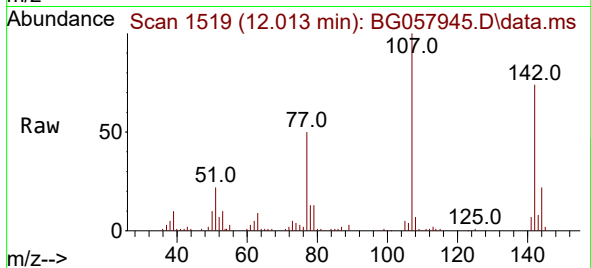
56 150.6 123.0 184.6



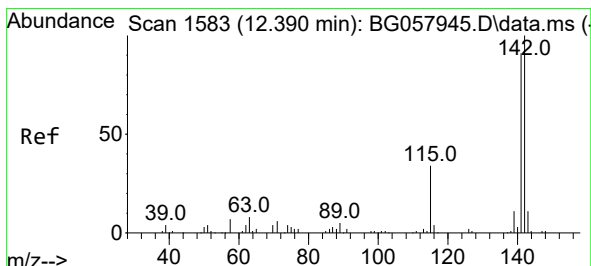
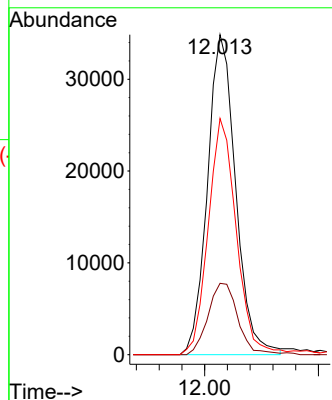
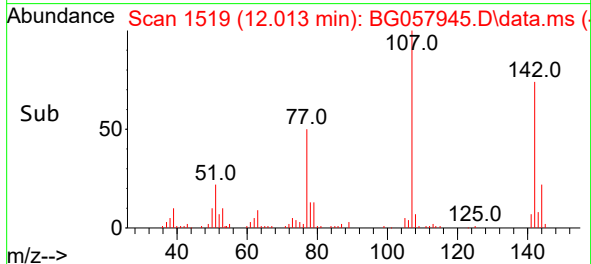


#35
 4-Chloro-3-methylphenol
 Concen: 20.423 ng/ul
 RT: 12.013 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BG057945.D
 Acq: 3 Jul 2023 8:01

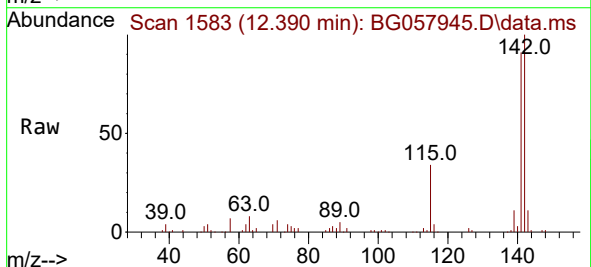
Instrument :
 BNA_P
 ClientSampleId :



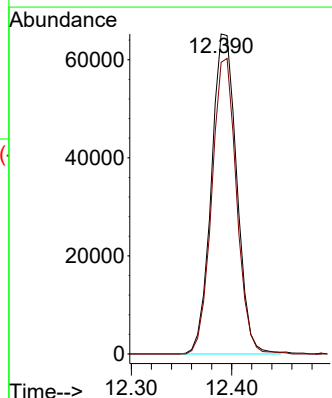
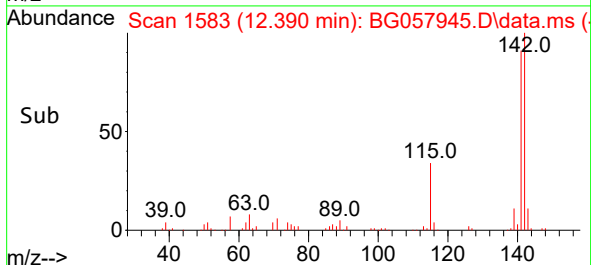
Tgt Ion:107 Resp: 60032
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.0 28.4
 142 73.8 58.4 87.6

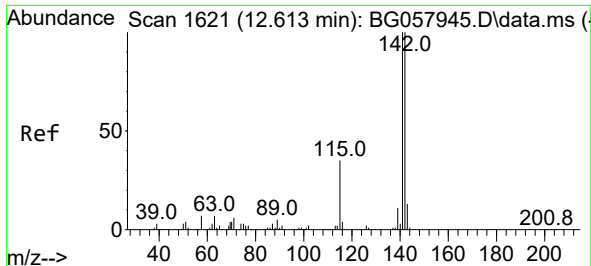


#36
 2-Methylnaphthalene
 Concen: 20.148 ng/ul
 RT: 12.390 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BG057945.D
 Acq: 3 Jul 2023 8:01



Tgt Ion:142 Resp: 114311
 Ion Ratio Lower Upper
 142 100
 141 91.1 69.4 104.2





#37

1-Methylnaphthalene

Concen: 20.608 ng/ul

RT: 12.613 min Scan# 1

Delta R.T. 0.000 min

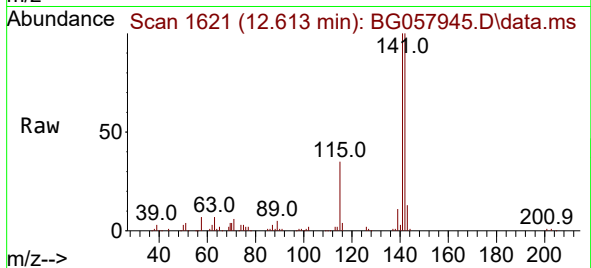
Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :



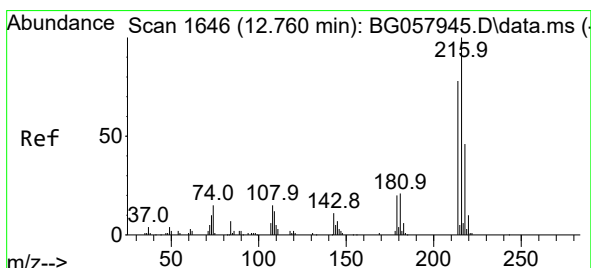
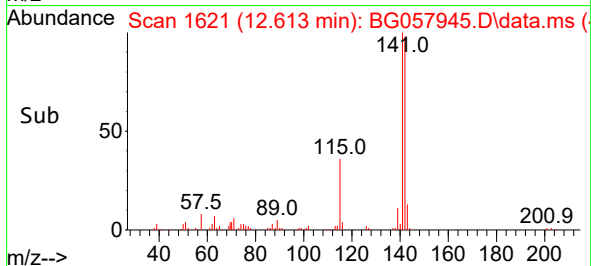
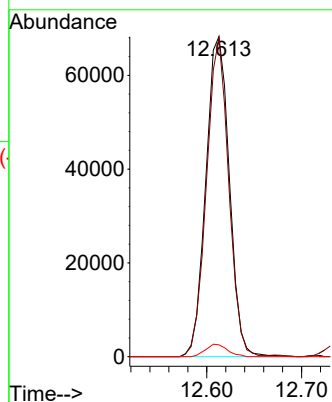
Tgt Ion:142 Resp: 117248

Ion Ratio Lower Upper

142 100

141 99.6 73.8 110.8

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.359 ng/ul

RT: 12.760 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Tgt Ion:216 Resp: 66084

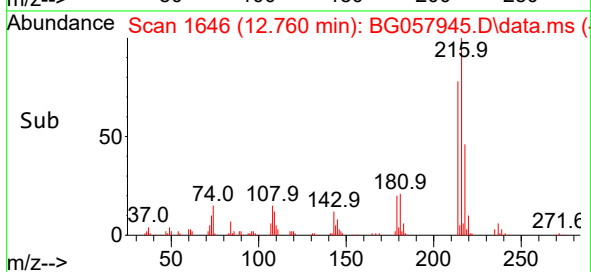
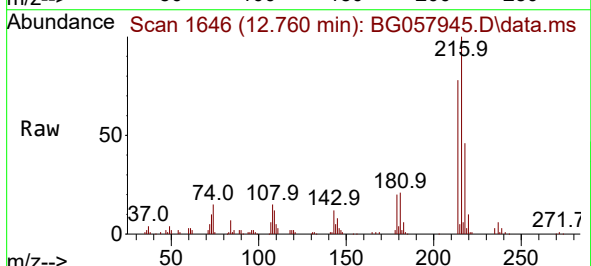
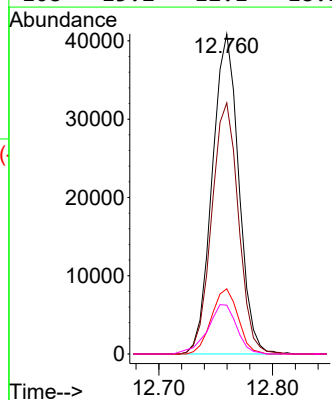
Ion Ratio Lower Upper

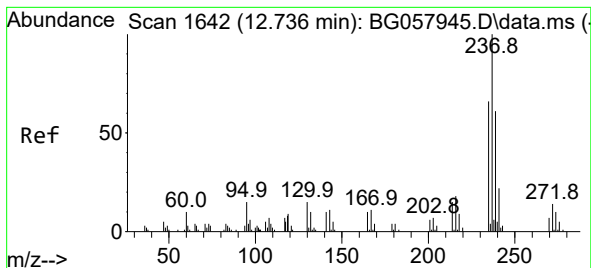
216 100

214 78.4 64.1 96.1

179 20.3 16.0 24.0

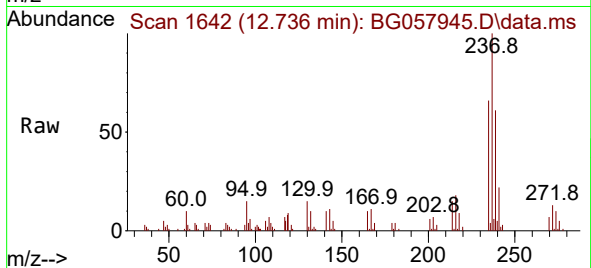
108 15.2 12.1 18.1



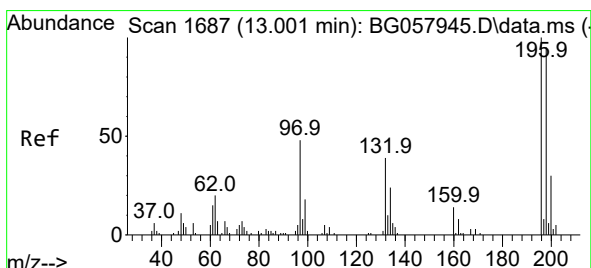
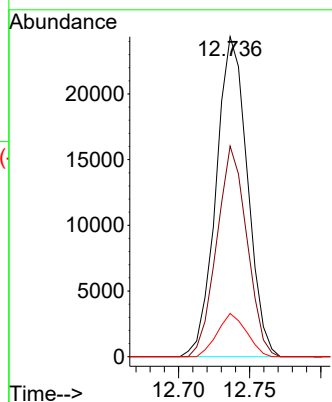
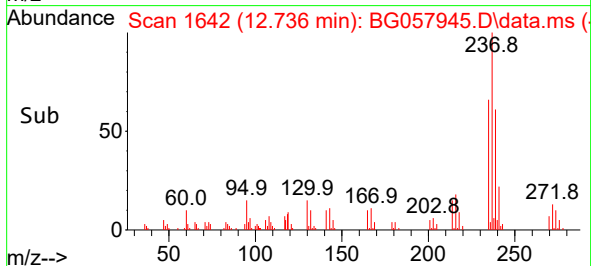


#40
Hexachlorocyclopentadiene
Concen: 17.360 ng/ul
RT: 12.736 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

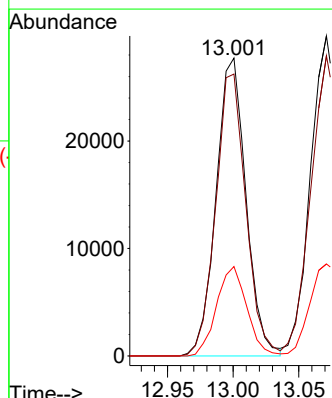
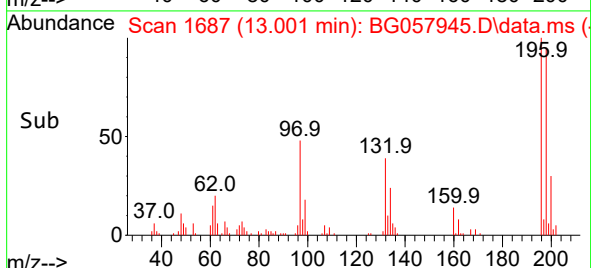
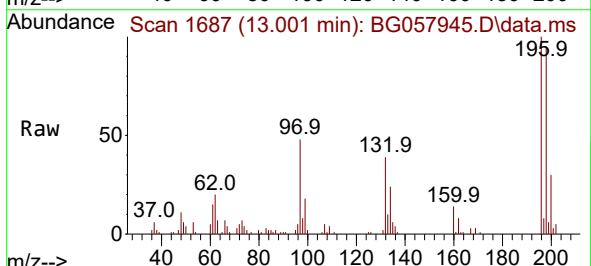


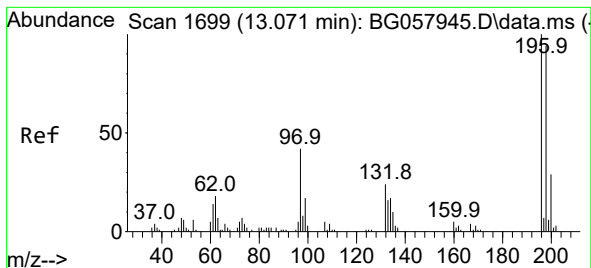
Tgt Ion:237 Resp: 37326
Ion Ratio Lower Upper
237 100
235 65.8 49.2 73.8
272 14.6 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 19.007 ng/ul
RT: 13.001 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:196 Resp: 43975
Ion Ratio Lower Upper
196 100
198 94.6 73.5 110.3
200 30.0 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 19.770 ng/ul

RT: 13.071 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

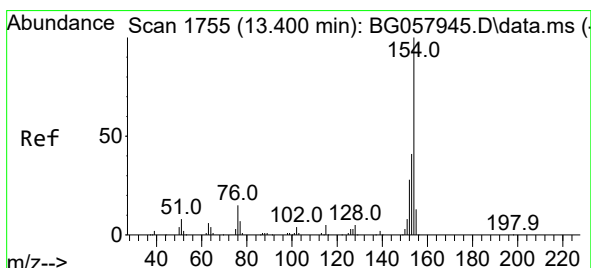
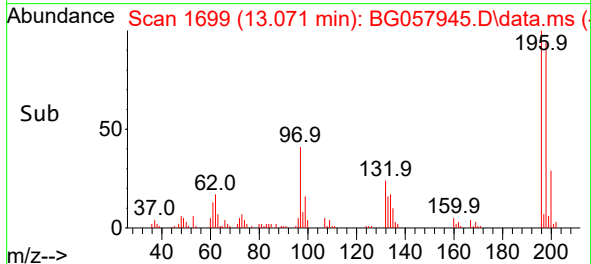
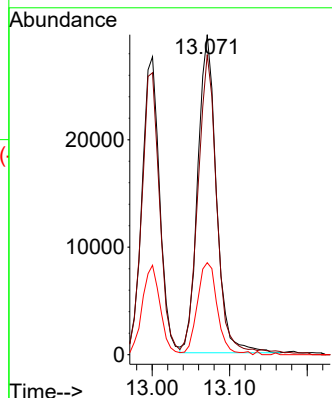
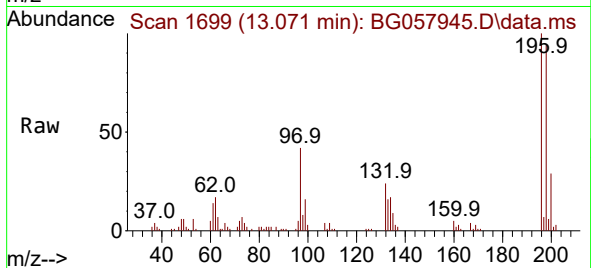
Tgt Ion:196 Resp: 49468

Ion Ratio Lower Upper

196 100

198 93.8 77.2 115.8

200 28.8 23.8 35.6



#43

1,1'-Biphenyl

Concen: 19.543 ng/ul

RT: 13.400 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

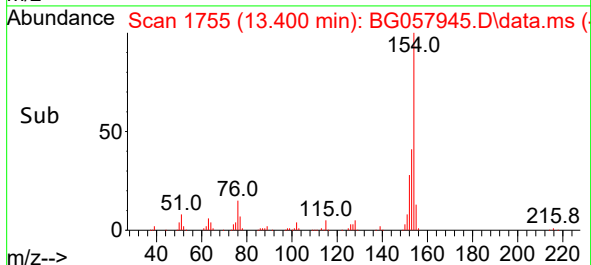
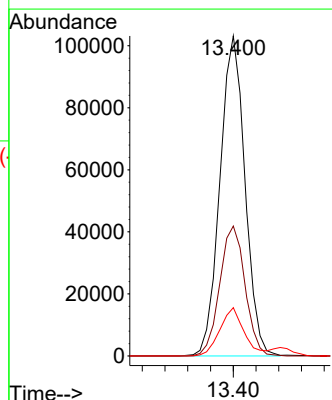
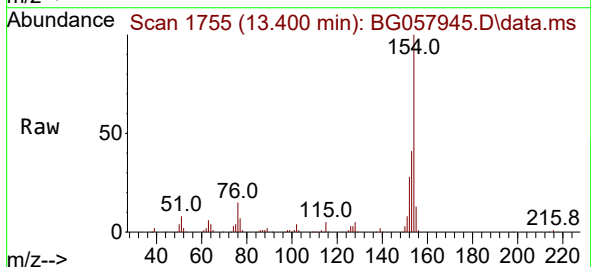
Tgt Ion:154 Resp: 157761

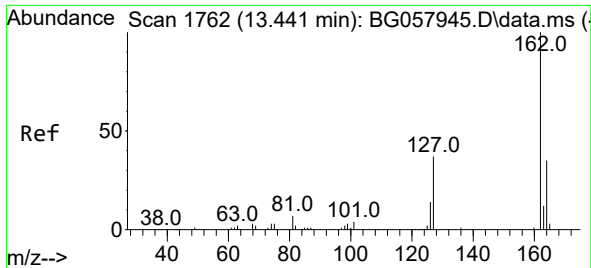
Ion Ratio Lower Upper

154 100

153 40.6 32.6 49.0

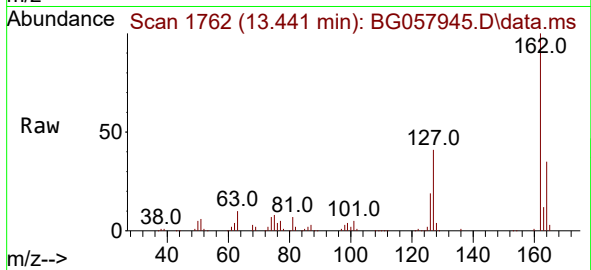
76 15.1 11.6 17.4



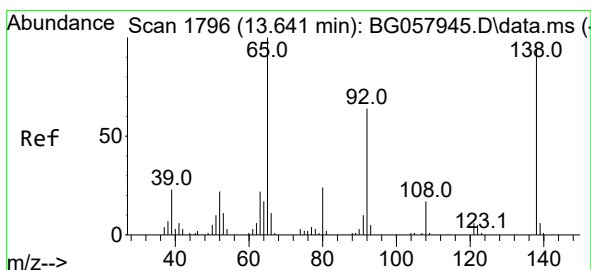
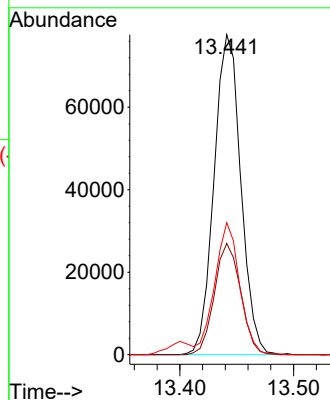
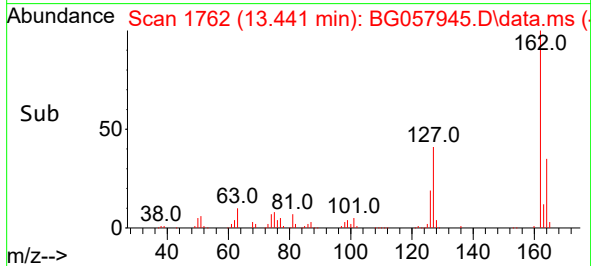


#44
2-Chloronaphthalene
Concen: 19.527 ng/ul
RT: 13.441 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

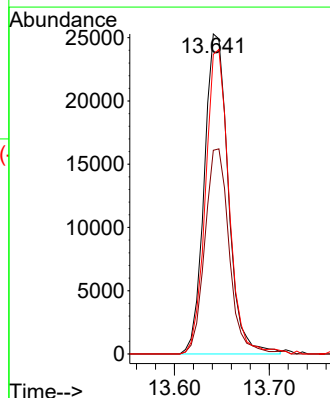
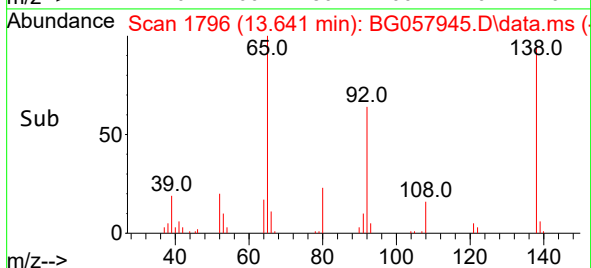
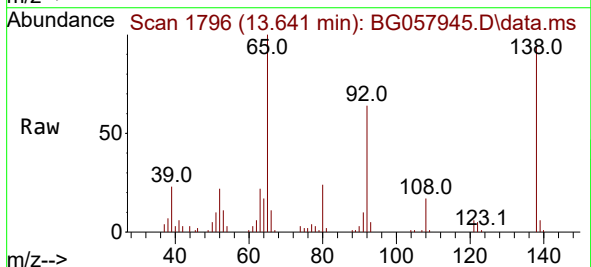


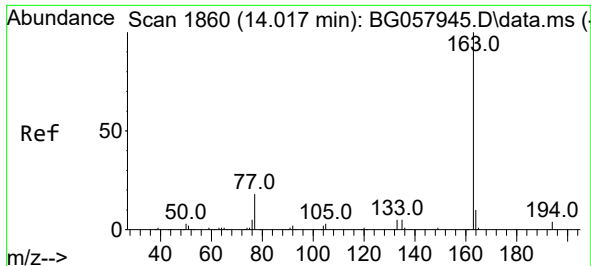
Tgt Ion:162 Resp: 126506
Ion Ratio Lower Upper
162 100
164 34.8 27.7 41.5
127 41.3 30.9 46.3



#45
2-Nitroaniline
Concen: 19.795 ng/ul
RT: 13.641 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion: 65 Resp: 44588
Ion Ratio Lower Upper
65 100
92 63.7 53.2 79.8
138 93.7 71.1 106.7





#47

Dimethylphthalate

Concen: 20.059 ng/ul

RT: 14.017 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

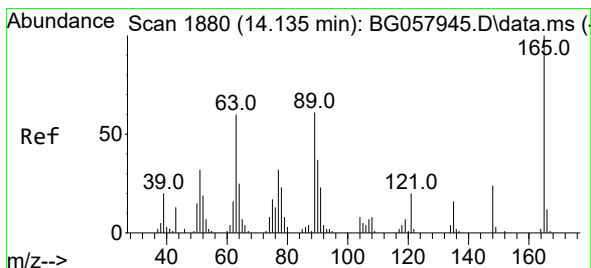
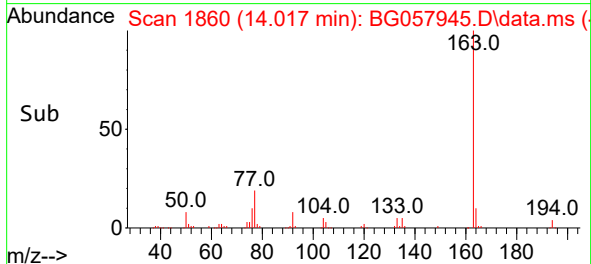
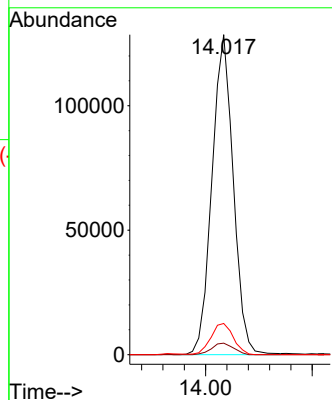
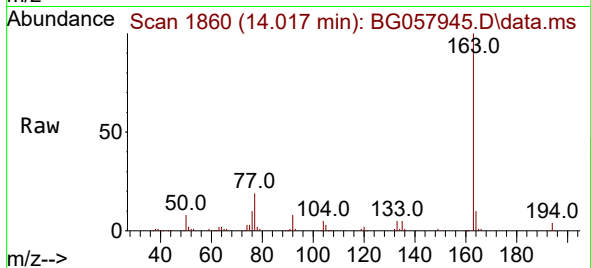
Tgt Ion:163 Resp: 178110

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 9.7 8.6 12.8



#48

2,6-Dinitrotoluene

Concen: 19.654 ng/ul

RT: 14.135 min Scan# 1880

Delta R.T. -0.005 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

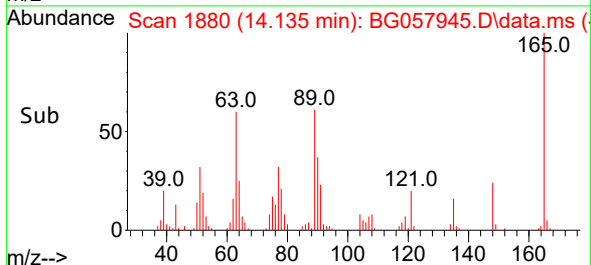
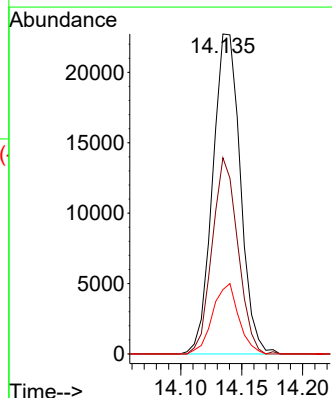
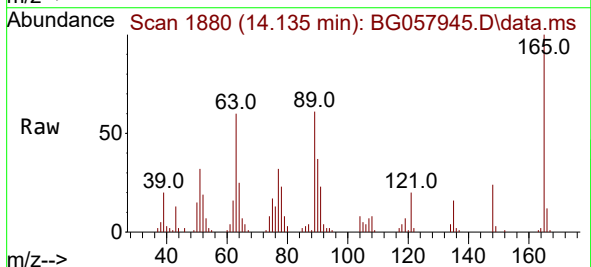
Tgt Ion:165 Resp: 35822

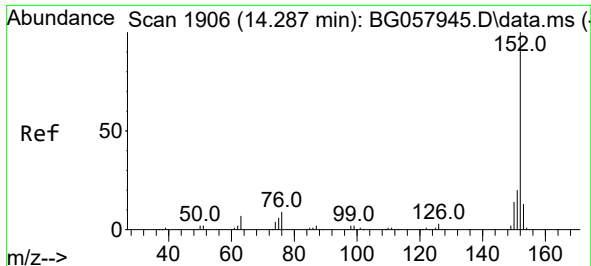
Ion Ratio Lower Upper

165 100

89 61.3 42.7 64.1

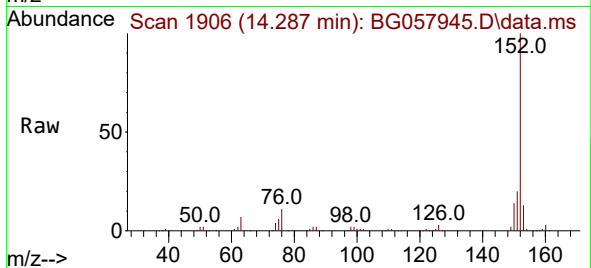
121 20.1 14.8 22.2



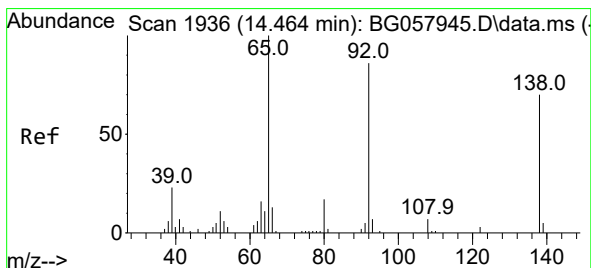
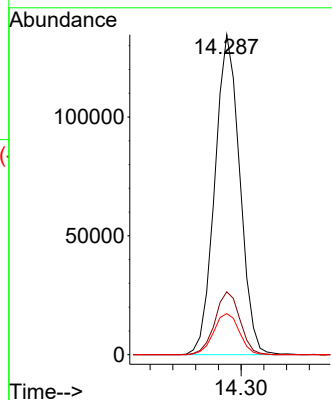
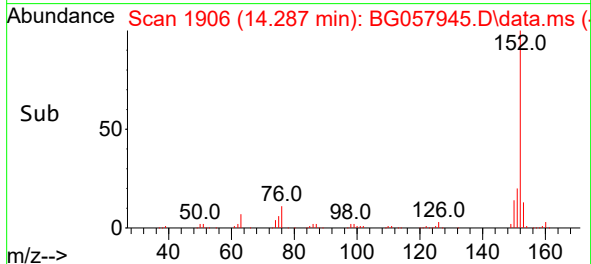


#50
Acenaphthylene
Concen: 19.731 ng/ul
RT: 14.287 min Scan# 1906
Delta R.T. 0.001 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

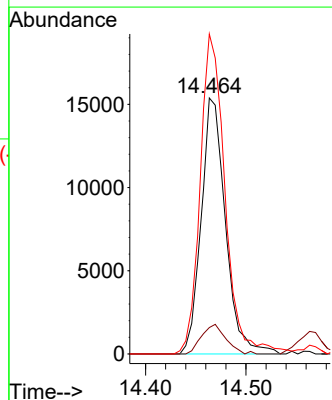
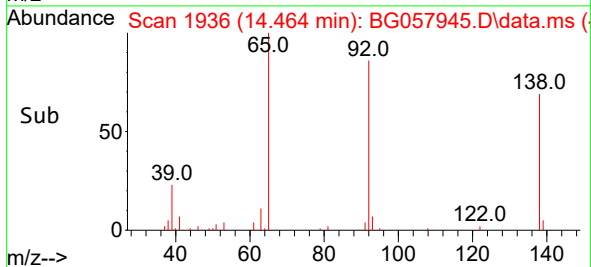
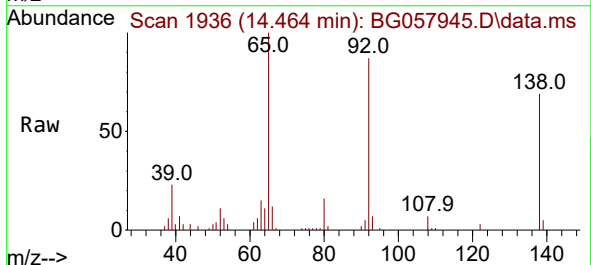


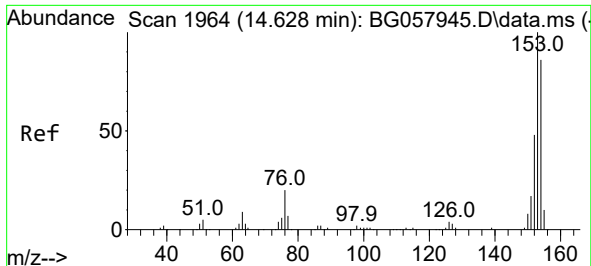
Tgt Ion:152 Resp: 205494
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.5 15.7



#51
3-Nitroaniline
Concen: 16.855 ng/ul
RT: 14.464 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

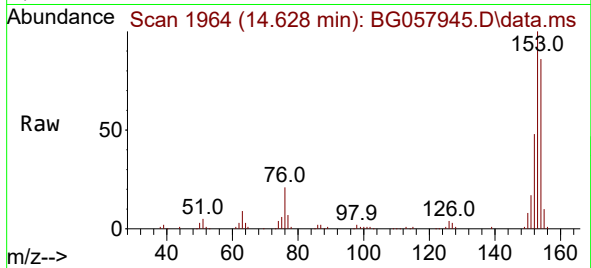
Tgt Ion:138 Resp: 25961
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 125.0 100.2 150.4



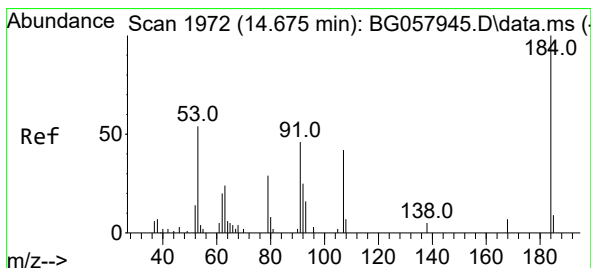
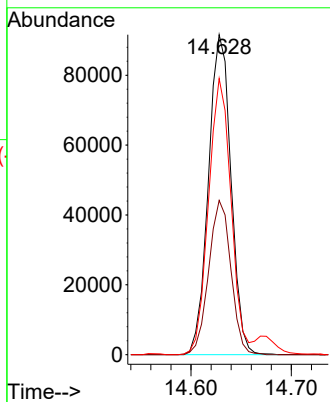
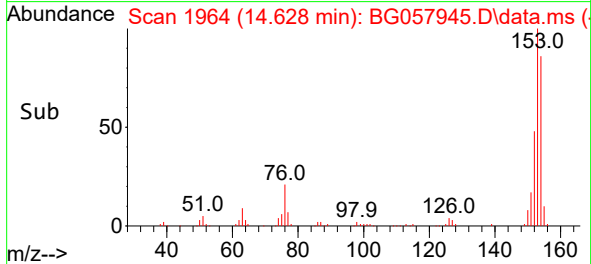


#52
Acenaphthene
Concen: 20.013 ng/ul
RT: 14.628 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

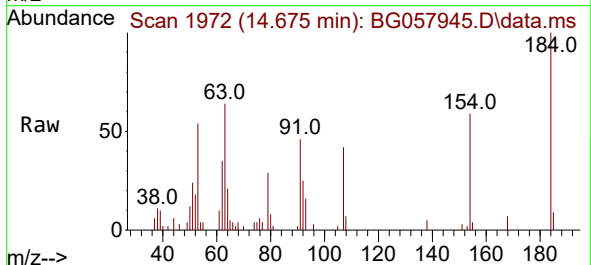
Instrument :
BNA_P
ClientSampleId :



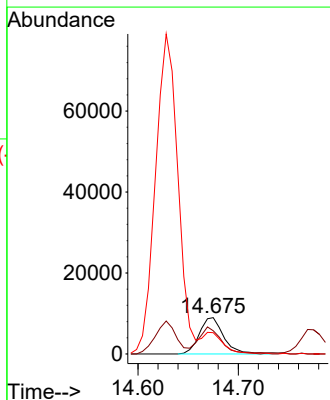
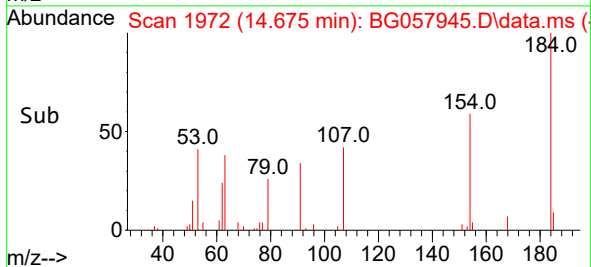
Tgt Ion:153 Resp: 143028
Ion Ratio Lower Upper
153 100
152 48.2 36.5 54.7
154 86.3 70.5 105.7

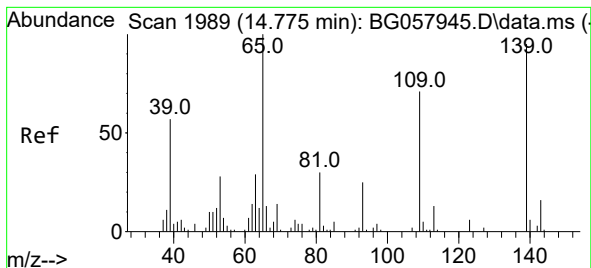


#53
2,4-Dinitrophenol
Concen: 16.107 ng/ul
RT: 14.675 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01



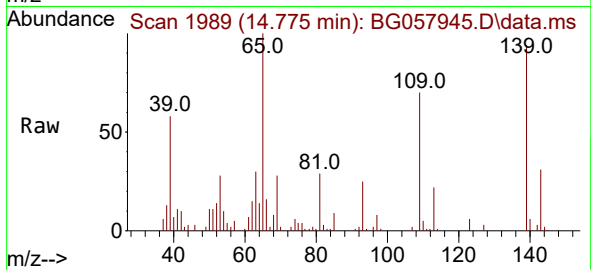
Tgt Ion:184 Resp: 15305
Ion Ratio Lower Upper
184 100
63 63.8 51.1 76.7
154 58.6 43.3 64.9



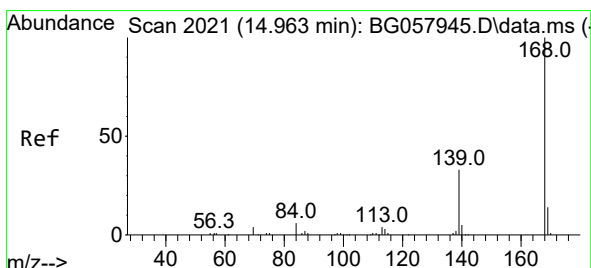
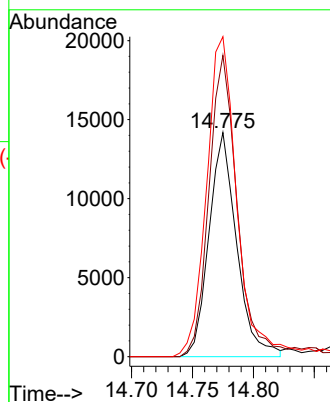
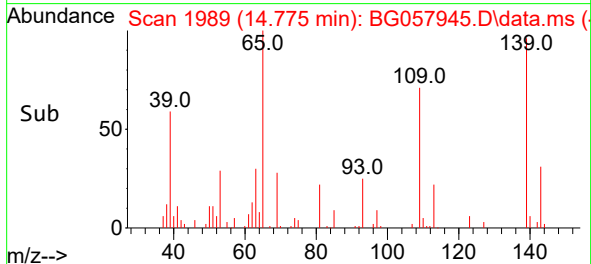


#55
4-Nitrophenol
Concen: 19.332 ng/ul
RT: 14.775 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

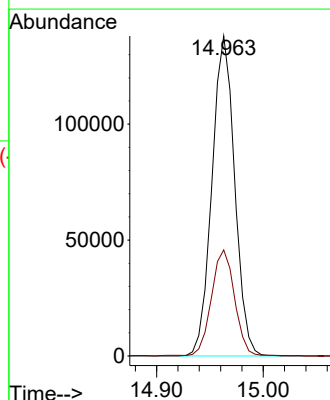
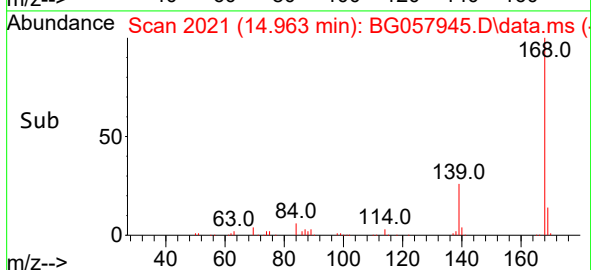
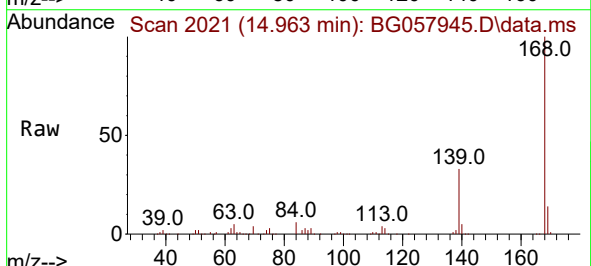


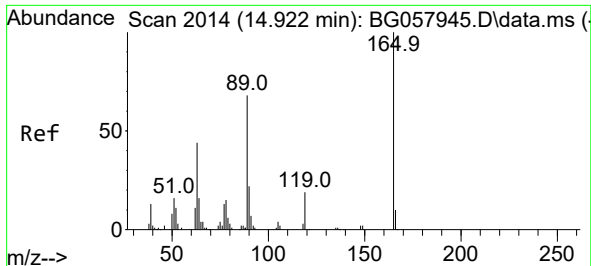
Tgt Ion:109 Resp: 22362
Ion Ratio Lower Upper
109 100
139 134.4 119.0 178.4
65 142.7 135.5 203.3



#56
Dibenzofuran
Concen: 20.099 ng/ul
RT: 14.963 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

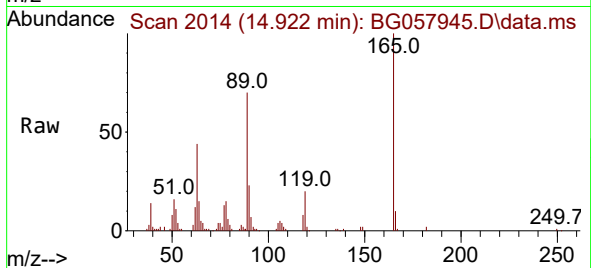
Tgt Ion:168 Resp: 204188
Ion Ratio Lower Upper
168 100
139 33.2 27.6 41.4



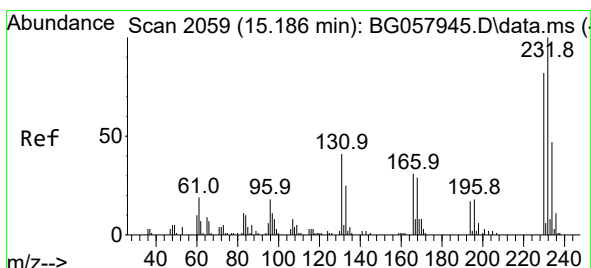
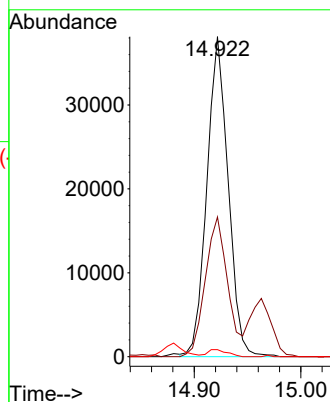
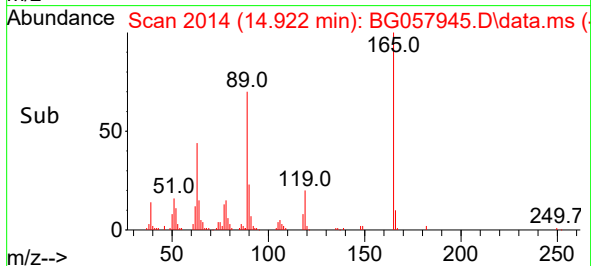


#57
2,4-Dinitrotoluene
Concen: 20.500 ng/ul
RT: 14.922 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

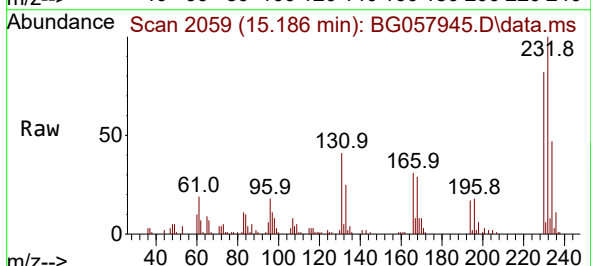
Instrument :
BNA_P
ClientSampleId :



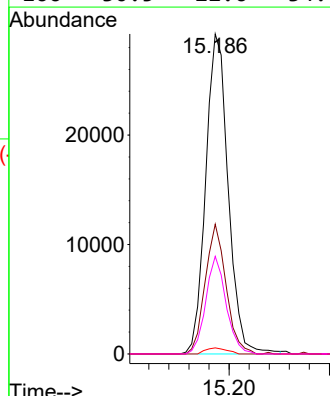
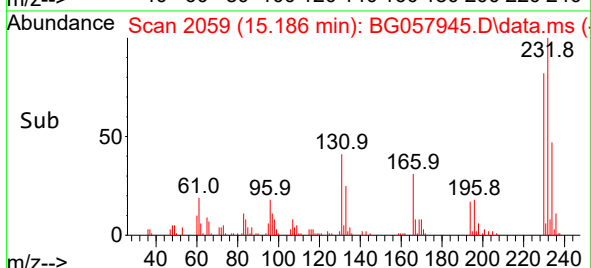
Tgt Ion:165 Resp: 52939
Ion Ratio Lower Upper
165 100
63 43.7 35.8 53.8
182 2.2 1.6 2.4

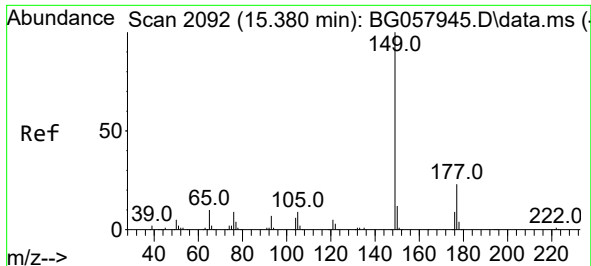


#58
2,3,4,6-Tetrachlorophenol
Concen: 19.953 ng/ul
RT: 15.186 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01



Tgt Ion:232 Resp: 45449
Ion Ratio Lower Upper
232 100
131 40.5 30.5 45.7
130 1.9 1.4 2.0
166 30.5 22.6 34.0

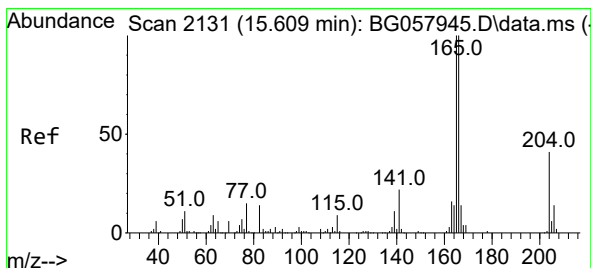
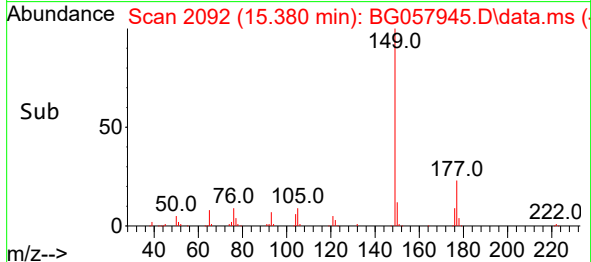
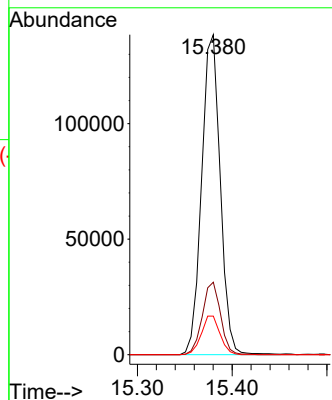
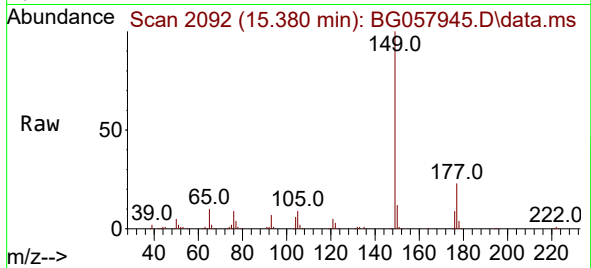




#59
Diethylphthalate
Concen: 20.340 ng/ul
RT: 15.380 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

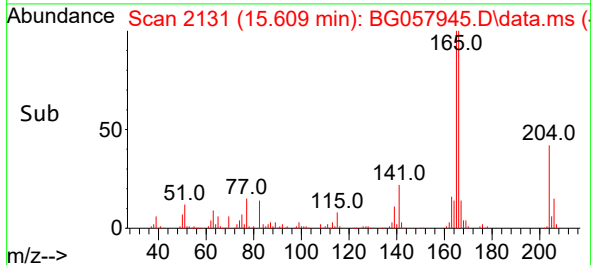
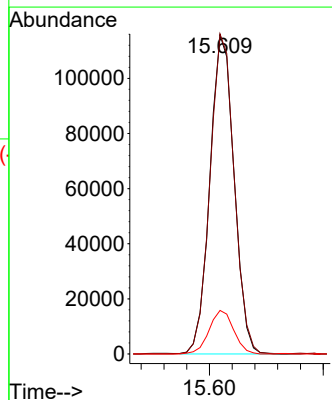
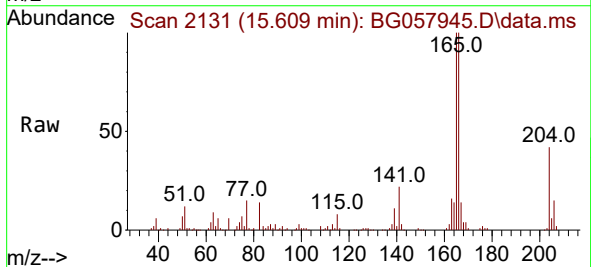
Instrument :
BNA_P
ClientSampleId :

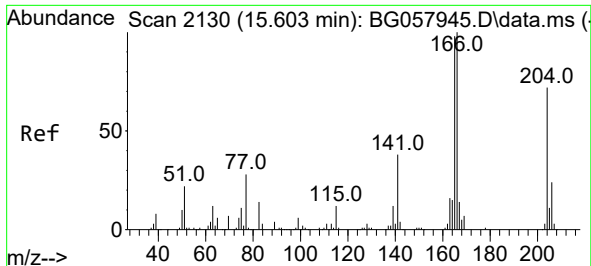
Tgt Ion:149 Resp: 188505
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.1 10.1 15.1



#61
Fluorene
Concen: 20.534 ng/ul
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:166 Resp: 171167
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 13.6 10.7 16.1

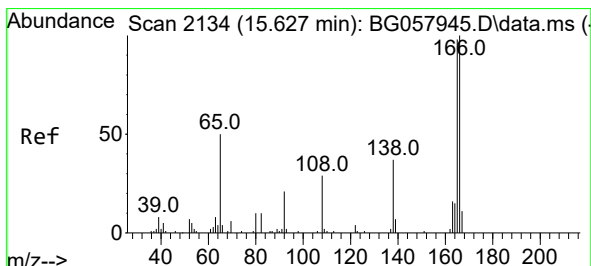
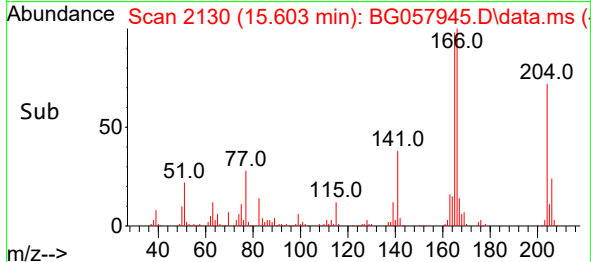
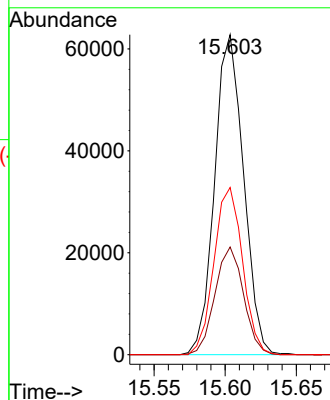
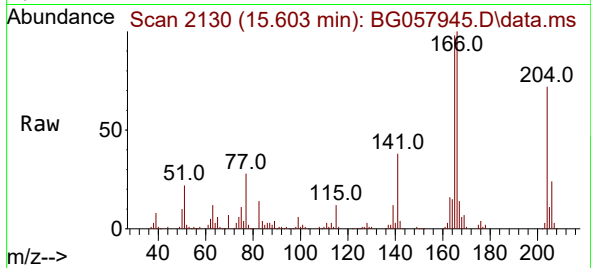




#62
4-Chlorophenyl-phenylether
Concen: 20.162 ng/ul
RT: 15.603 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

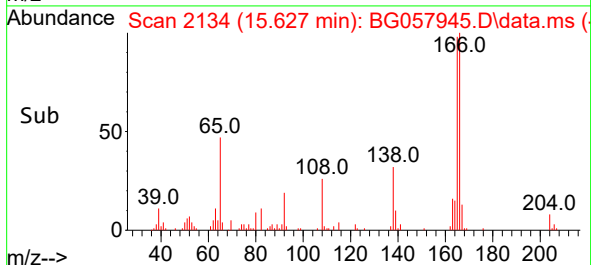
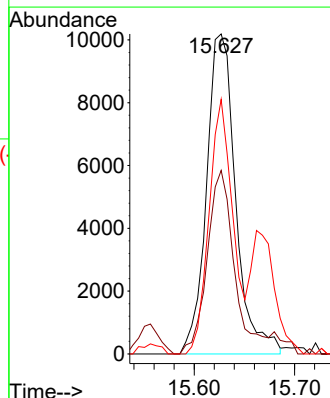
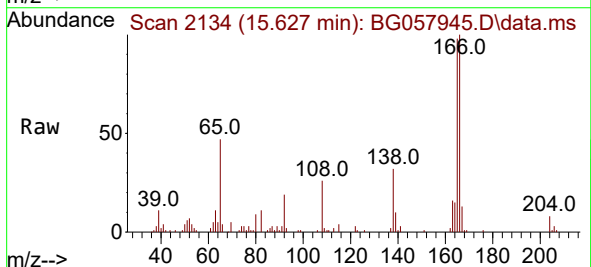
Instrument :
BNA_P
ClientSampleId :

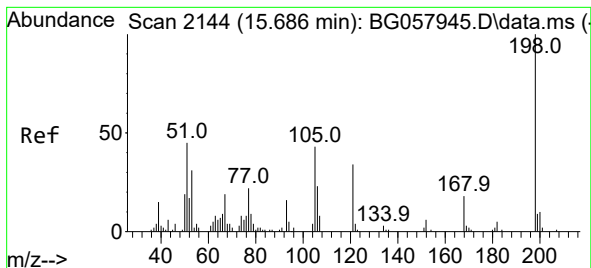
Tgt Ion:204 Resp: 88925
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 52.3 41.8 62.6



#63
4-Nitroaniline
Concen: 14.932 ng/ul
RT: 15.627 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:138 Resp: 20604
Ion Ratio Lower Upper
138 100
92 57.3 43.8 65.8
108 79.5 58.8 88.2

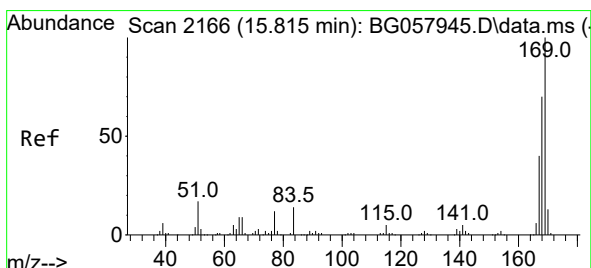
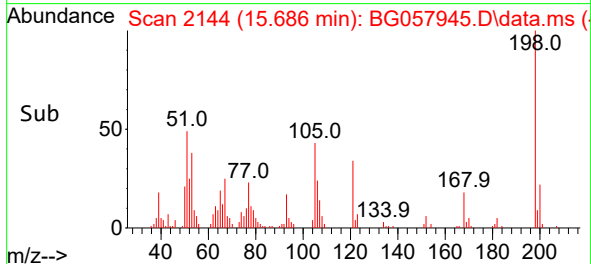
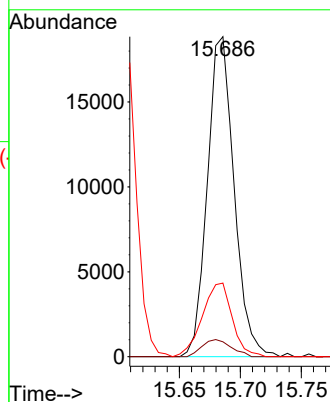
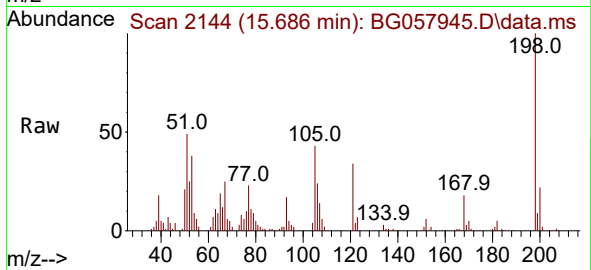




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.632 ng/ul
 RT: 15.686 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BG057945.D
 Acq: 3 Jul 2023 8:01

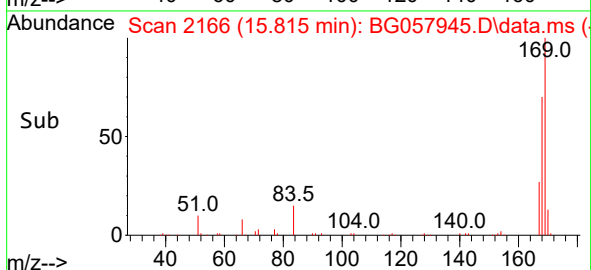
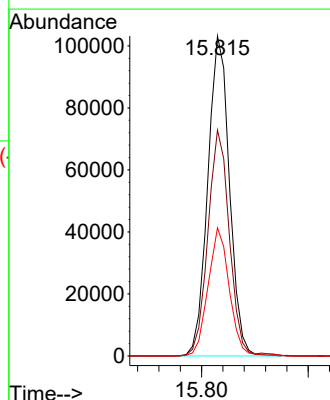
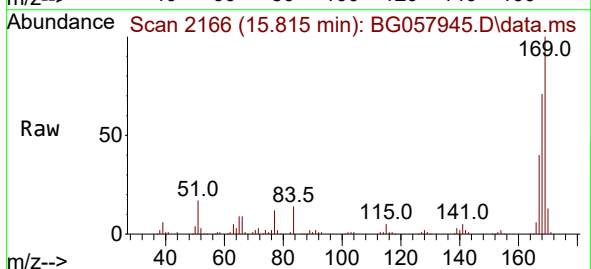
Instrument :
 BNA_P
 ClientSampleId :

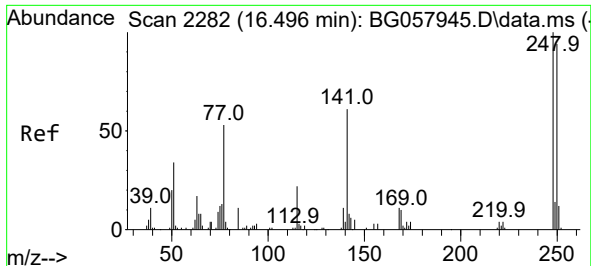
Tgt Ion:198 Resp: 28800
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.1 4.7
 77 23.0 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 18.550 ng/ul
 RT: 15.815 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: BG057945.D
 Acq: 3 Jul 2023 8:01

Tgt Ion:169 Resp: 145207
 Ion Ratio Lower Upper
 169 100
 168 70.6 54.2 81.2
 167 40.0 30.8 46.2

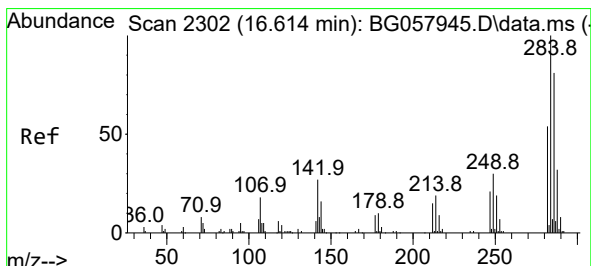
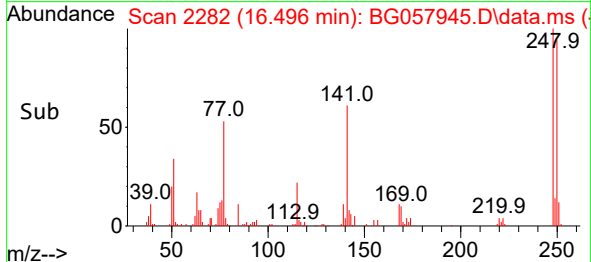
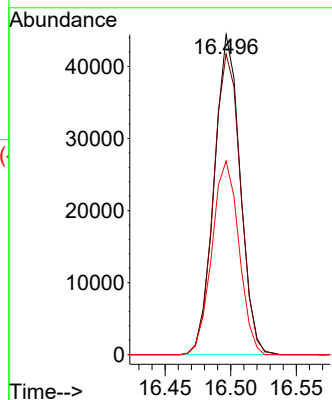
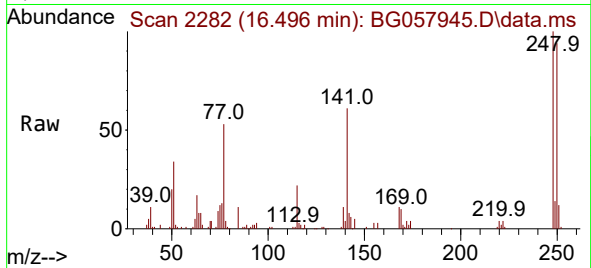




#68
 4-Bromophenyl-phenylether
 Concen: 18.898 ng/ul
 RT: 16.496 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BG057945.D
 Acq: 3 Jul 2023 8:01

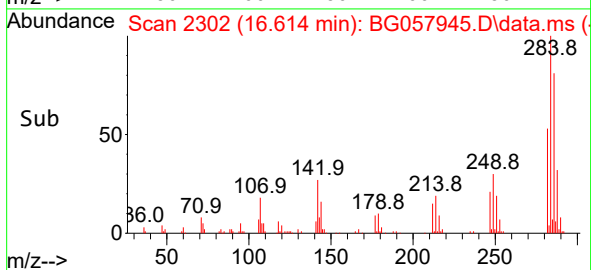
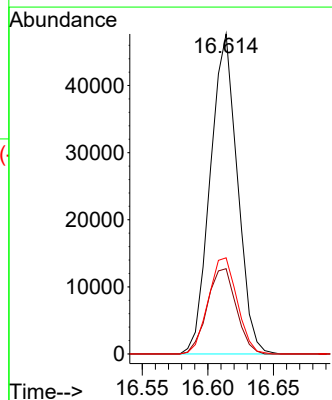
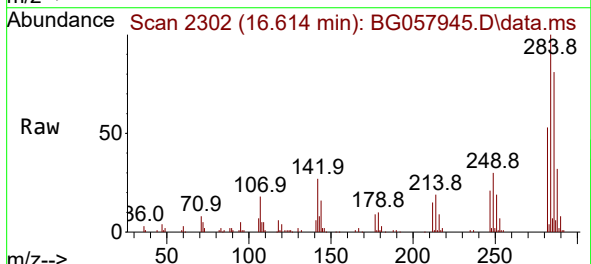
Instrument :
 BNA_P
 ClientSampleId :

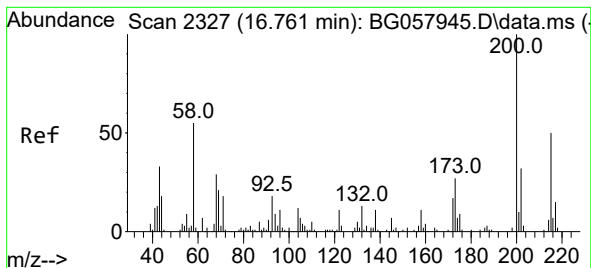
Tgt Ion:248 Resp: 61016
 Ion Ratio Lower Upper
 248 100
 250 94.0 78.3 117.5
 141 60.5 49.1 73.7



#69
 Hexachlorobenzene
 Concen: 18.954 ng/ul
 RT: 16.614 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: BG057945.D
 Acq: 3 Jul 2023 8:01

Tgt Ion:284 Resp: 68518
 Ion Ratio Lower Upper
 284 100
 142 26.6 21.9 32.9
 249 30.0 25.0 37.6





#70

Atrazine

Concen: 19.100 ng/ul

RT: 16.761 min Scan# 2327

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

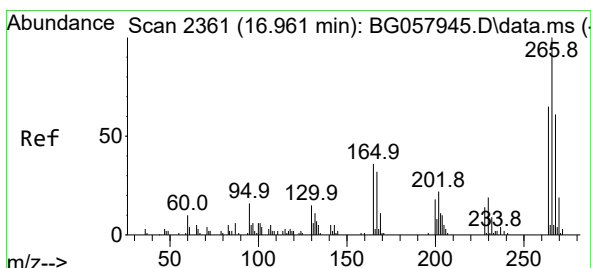
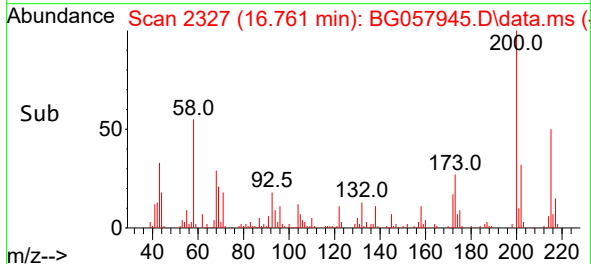
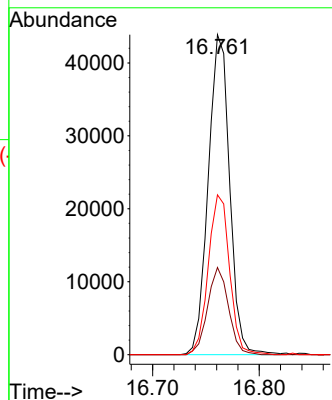
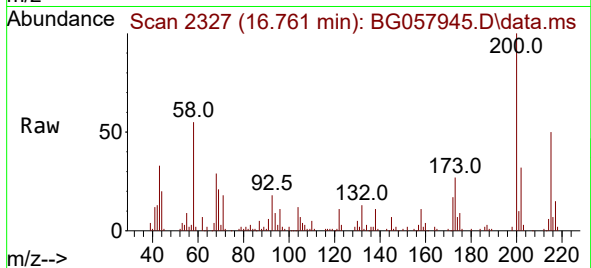
Tgt Ion:200 Resp: 61142

Ion Ratio Lower Upper

200 100

173 27.2 20.0 30.0

215 49.9 35.8 53.8



#71

Pentachlorophenol

Concen: 17.370 ng/ul

RT: 16.961 min Scan# 2361

Delta R.T. 0.006 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

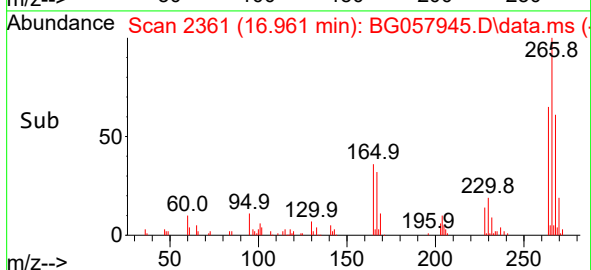
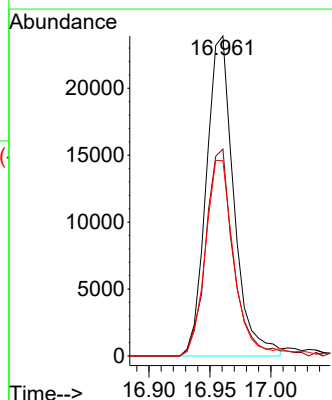
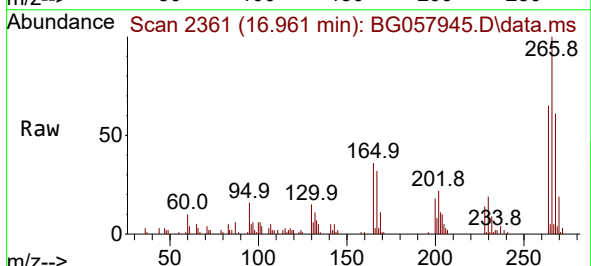
Tgt Ion:266 Resp: 37697

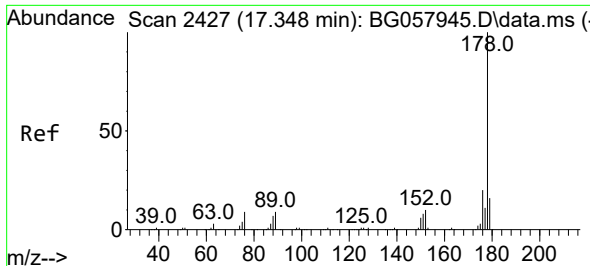
Ion Ratio Lower Upper

266 100

264 64.7 51.5 77.3

268 61.0 49.0 73.4

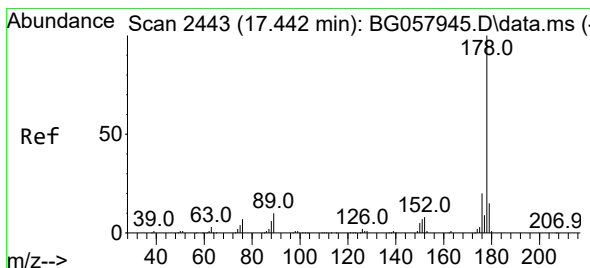
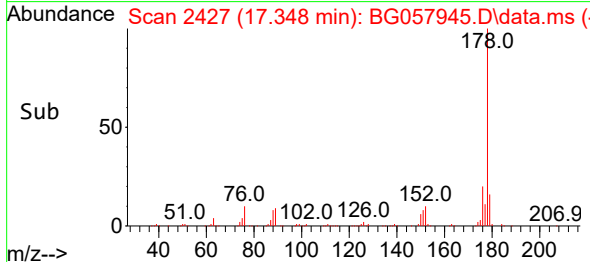
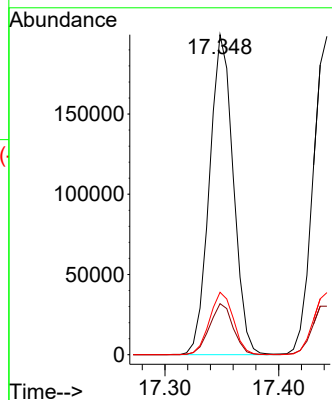
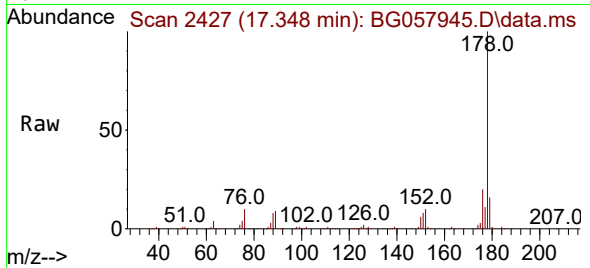




#72
Phenanthrene
Concen: 19.442 ng/ul
RT: 17.348 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

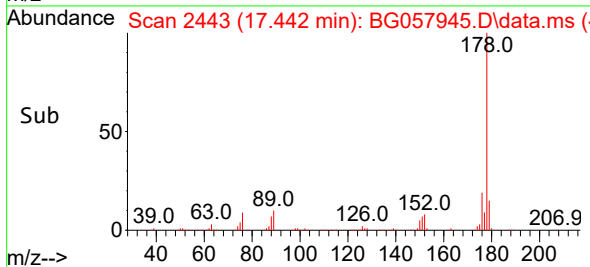
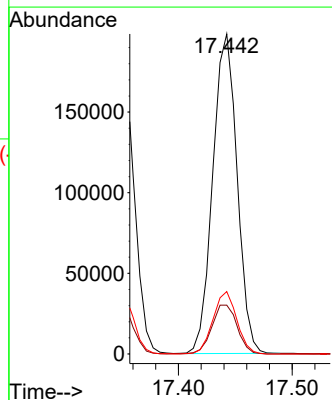
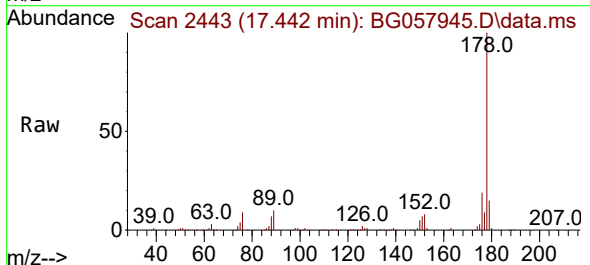
Instrument :
BNA_P
ClientSampleId :

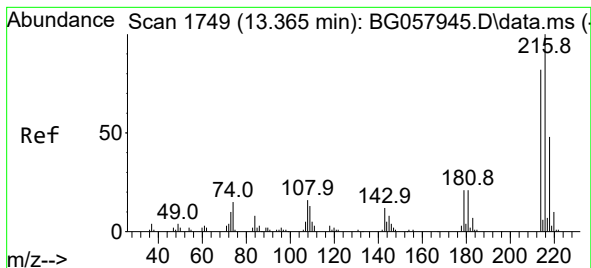
Tgt Ion:178 Resp: 290884
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.5 15.7 23.5



#74
Anthracene
Concen: 19.458 ng/ul
RT: 17.442 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

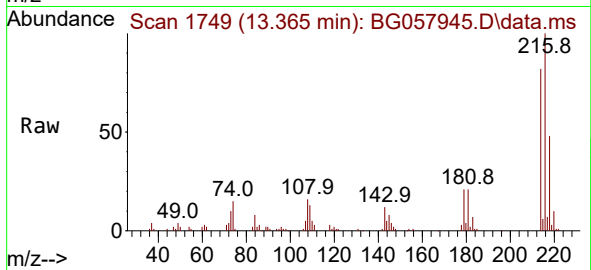
Tgt Ion:178 Resp: 294603
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.5 15.4 23.2



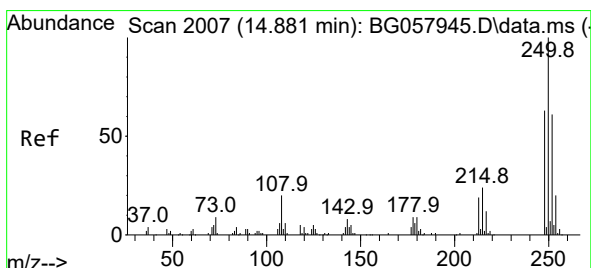
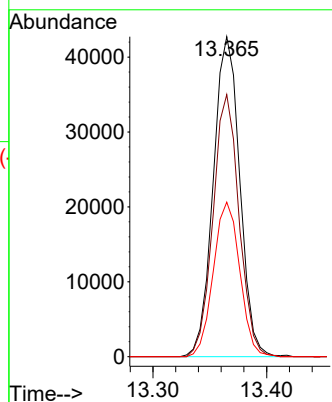
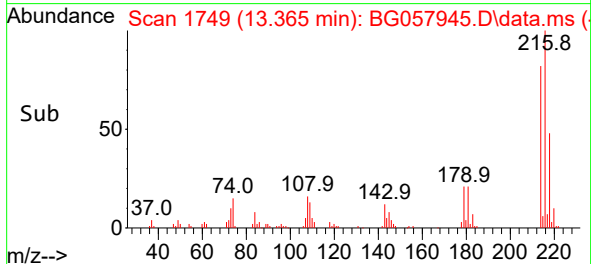


#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.708 ng/uL
RT: 13.365 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

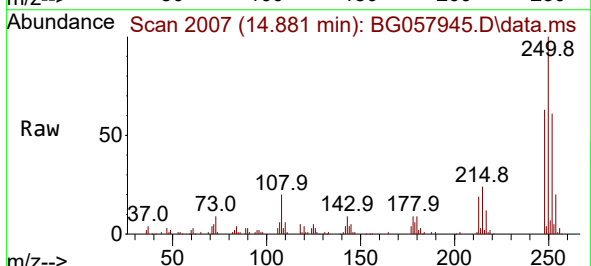
Instrument :
BNA_P
ClientSampleId :



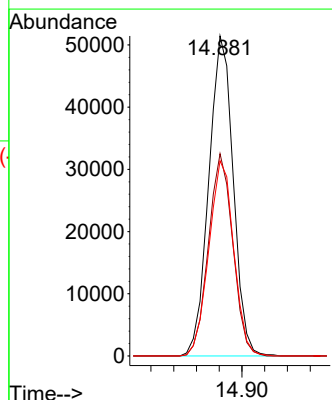
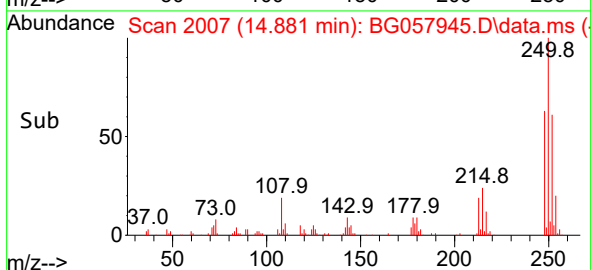
Tgt Ion:216 Resp: 69077
Ion Ratio Lower Upper
216 100
214 81.9 64.8 97.2
218 48.3 39.1 58.7

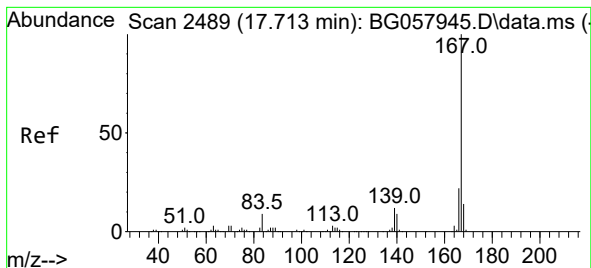


#76
Pentachlorobenzene
Concen: 18.392 ng/uL
RT: 14.881 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01



Tgt Ion:250 Resp: 76627
Ion Ratio Lower Upper
250 100
248 63.2 52.8 79.2
252 61.0 52.4 78.6





#77

Carbazole

Concen: 20.630 ng/ul

RT: 17.713 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

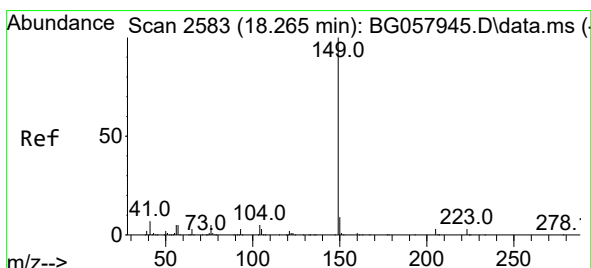
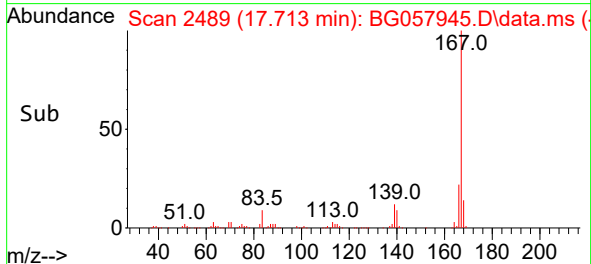
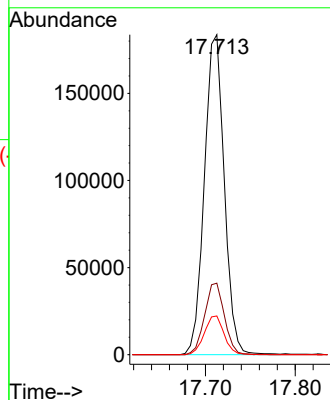
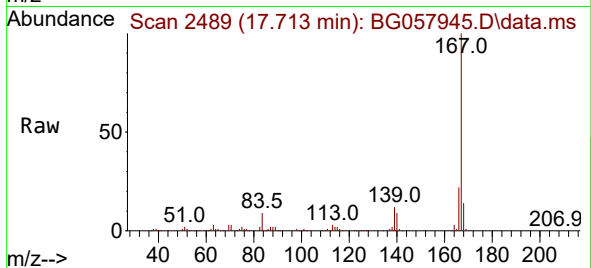
Tgt Ion:167 Resp: 282489

Ion Ratio Lower Upper

167 100

166 22.4 17.5 26.3

139 12.1 9.5 14.3



#78

Di-n-butylphthalate

Concen: 19.721 ng/ul

RT: 18.265 min Scan# 2583

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

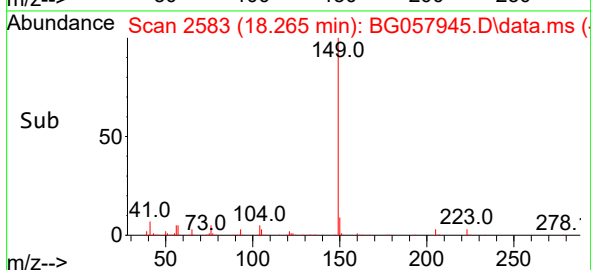
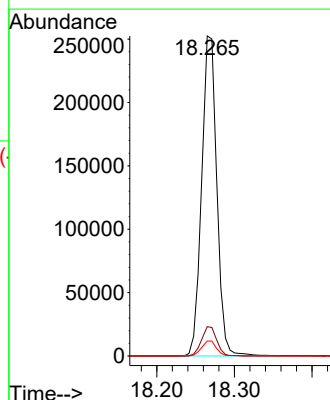
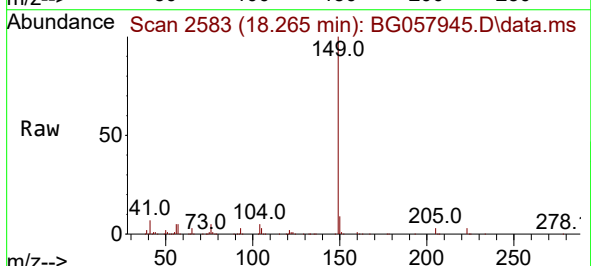
Tgt Ion:149 Resp: 344003

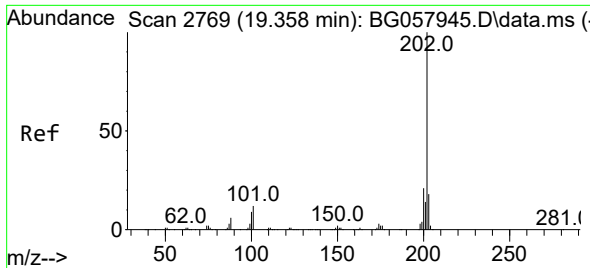
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

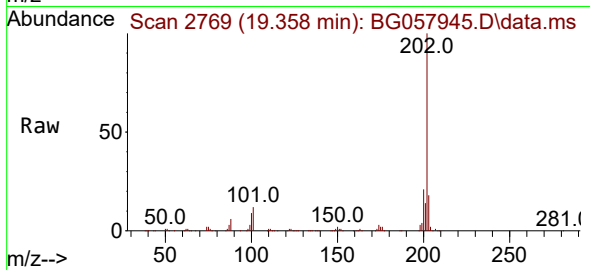
104 4.6 3.9 5.9



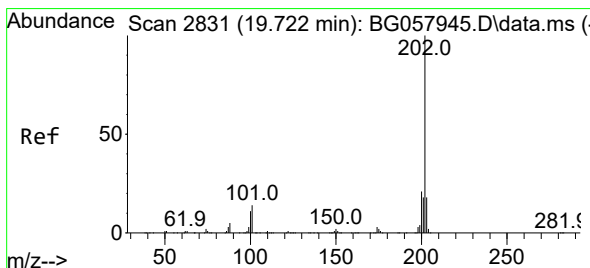
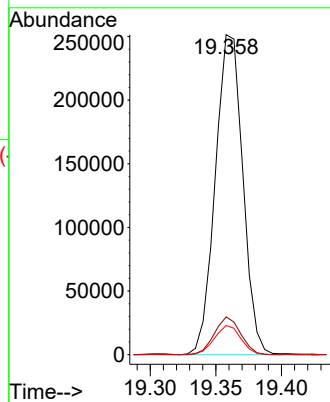
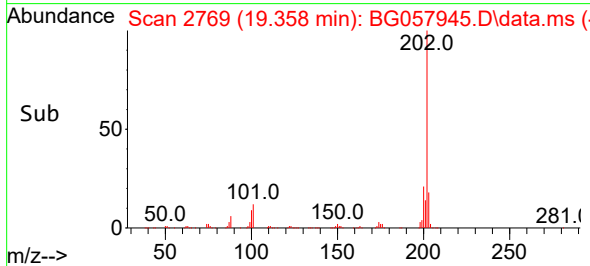


#80
Fluoranthene
Concen: 18.965 ng/u1
RT: 19.358 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Instrument :
BNA_P
ClientSampleId :

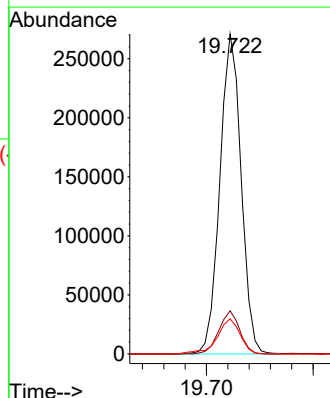
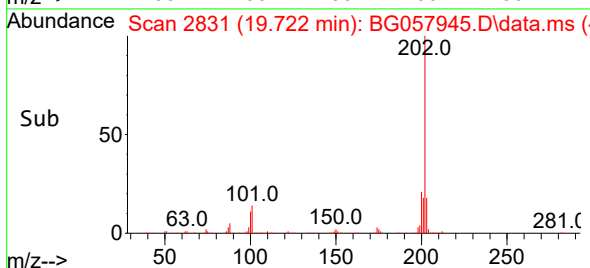
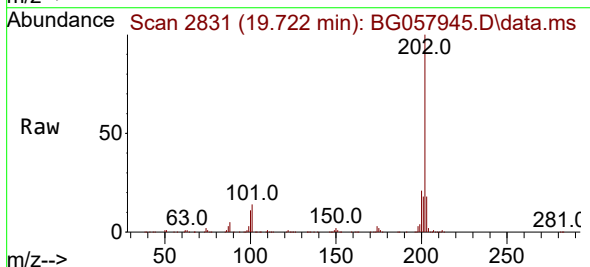


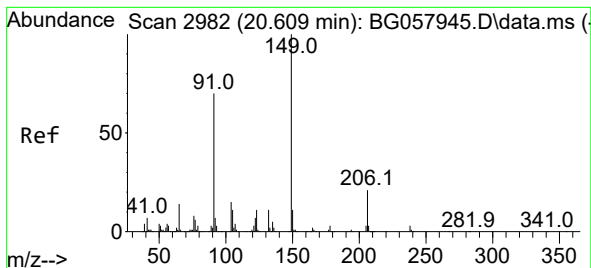
Tgt Ion:202 Resp: 366486
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
100 9.1 7.1 10.7



#82
Pyrene
Concen: 19.246 ng/u1
RT: 19.722 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:202 Resp: 374378
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 11.0 8.9 13.3





#83

Butylbenzylphthalate

Concen: 18.692 ng/ul

RT: 20.609 min Scan# 2982

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

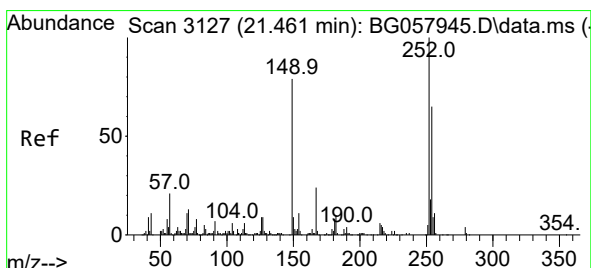
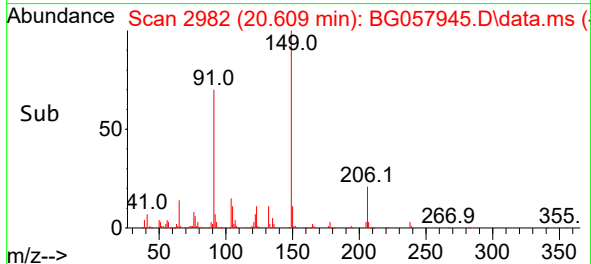
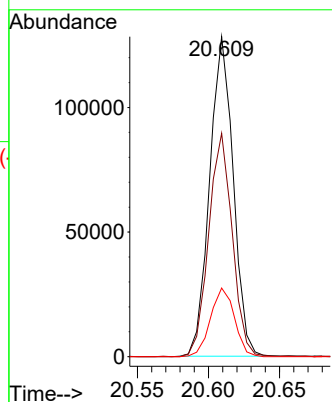
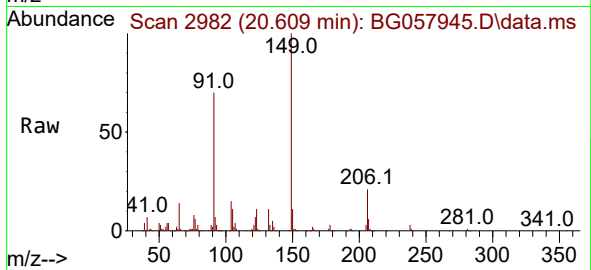
Tgt Ion:149 Resp: 147440

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: 19.116 ng/ul

RT: 21.461 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

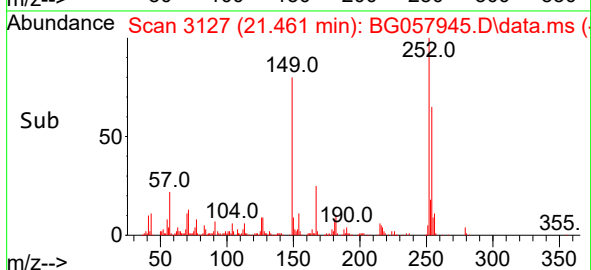
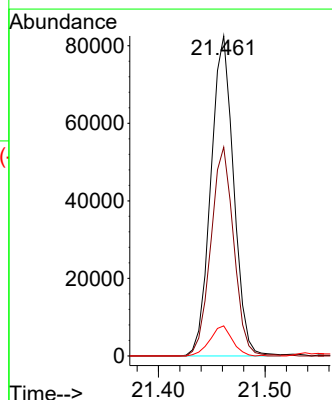
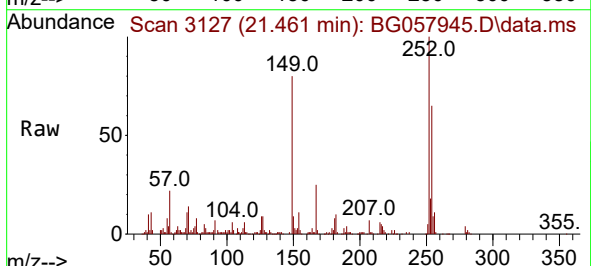
Tgt Ion:252 Resp: 122544

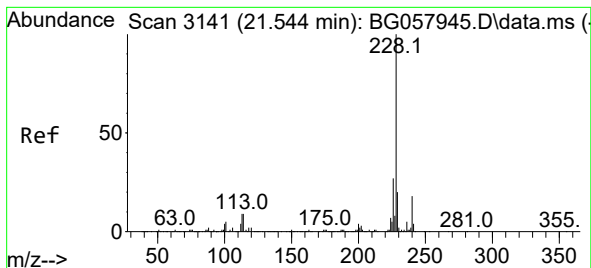
Ion Ratio Lower Upper

252 100

254 65.3 50.7 76.1

126 9.4 6.6 10.0





#85

Benzo(a)anthracene

Concen: 19.070 ng/ul

RT: 21.544 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

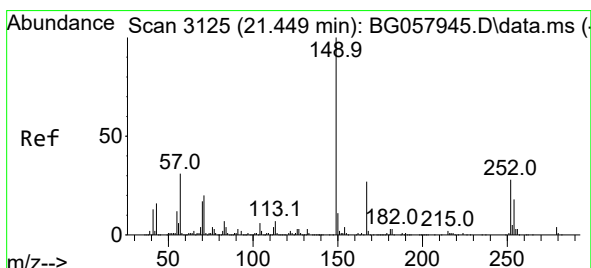
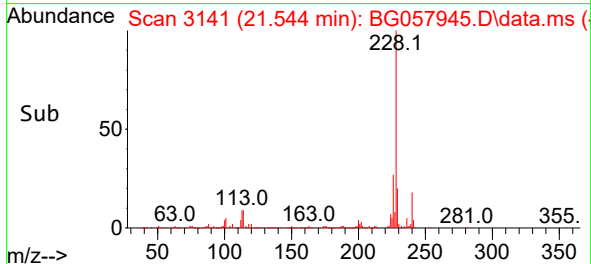
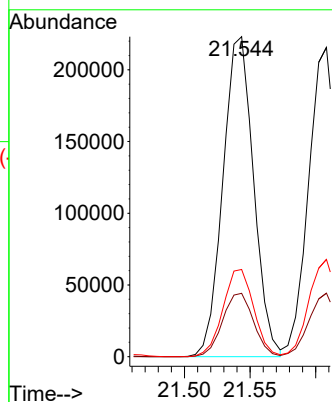
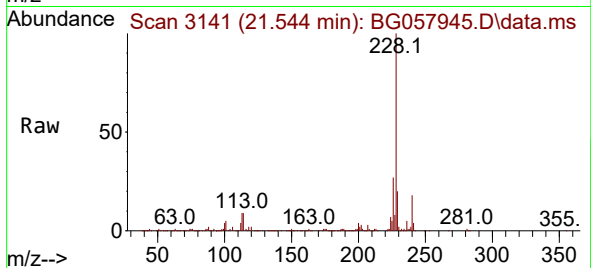
Tgt Ion:228 Resp: 362573

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

226 27.3 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.703 ng/ul

RT: 21.449 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

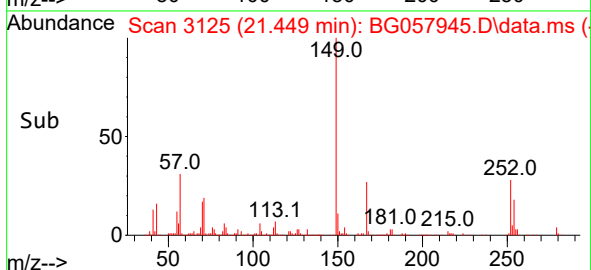
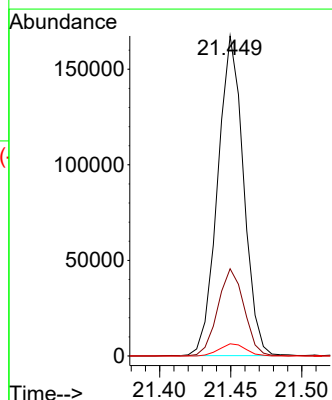
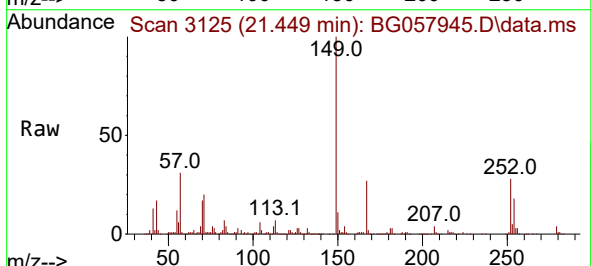
Tgt Ion:149 Resp: 211409

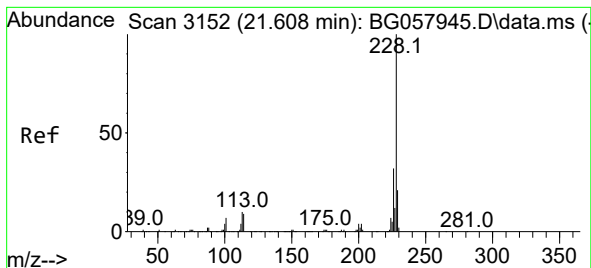
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 3.8 3.1 4.7





#87

Chrysene

Concen: 18.998 ng/ul

RT: 21.608 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

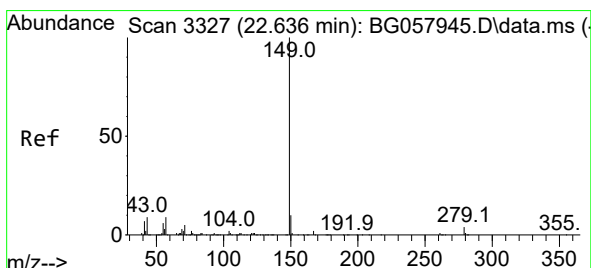
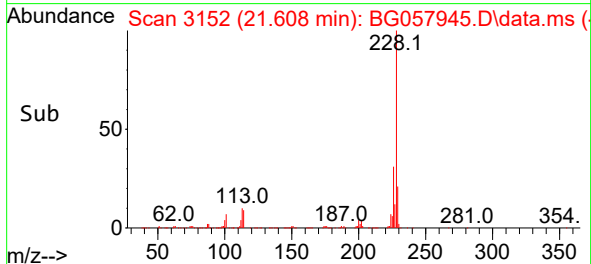
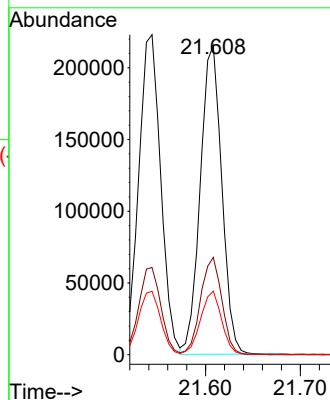
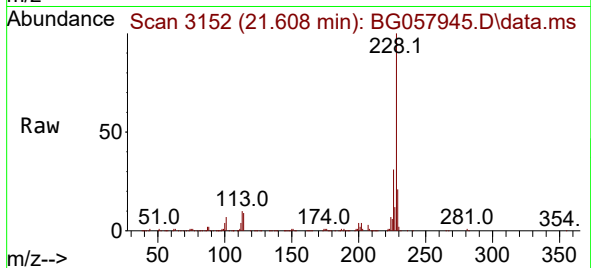
Tgt Ion:228 Resp: 338607

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 20.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 19.052 ng/ul

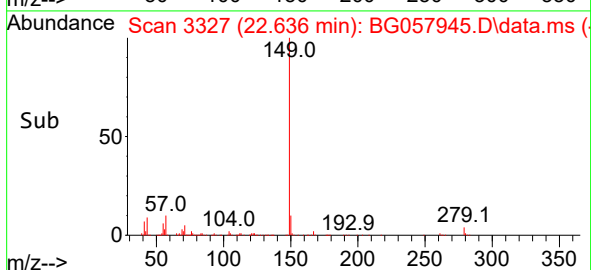
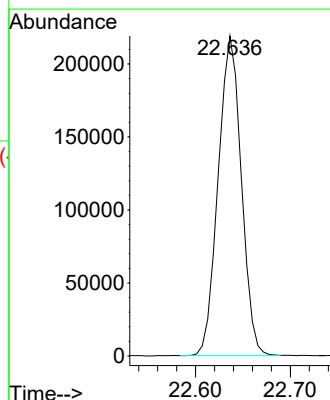
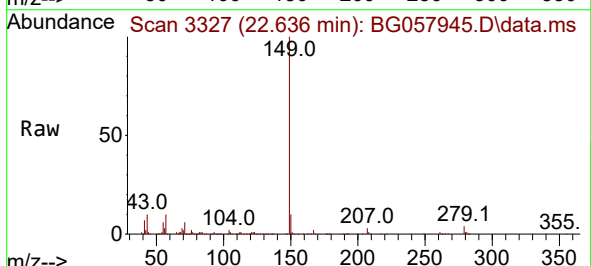
RT: 22.636 min Scan# 3327

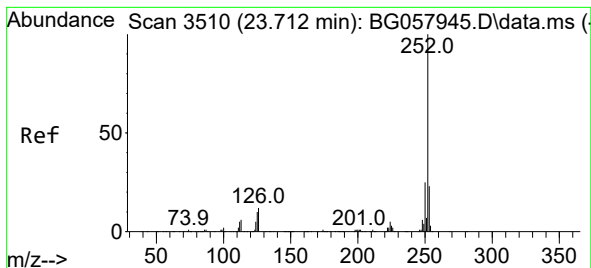
Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Tgt Ion:149 Resp: 371637





#90

Benzo(b)fluoranthene

Concen: 19.183 ng/ul

RT: 23.712 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

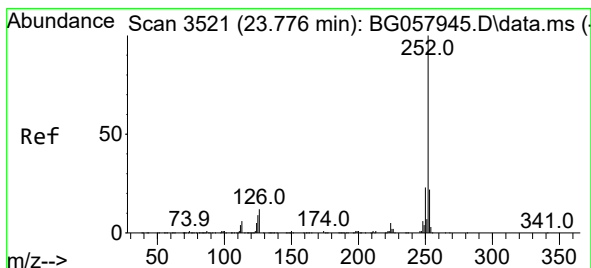
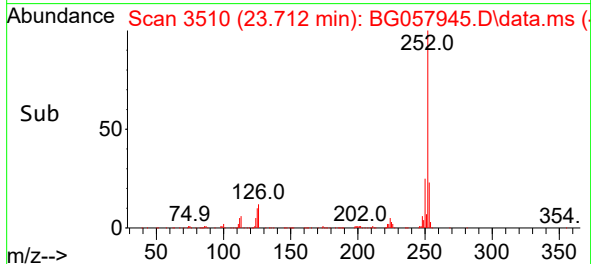
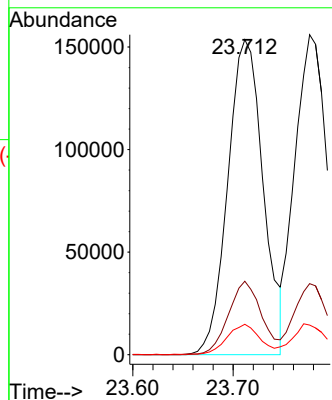
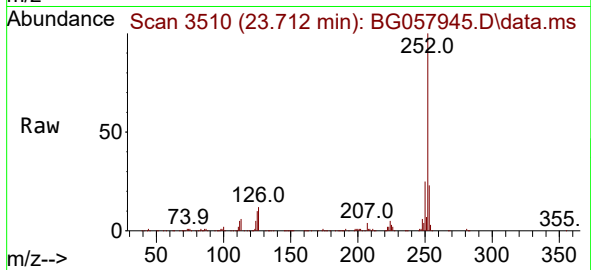
Tgt Ion:252 Resp: 377082

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 9.7 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 18.220 ng/ul

RT: 23.776 min Scan# 3521

Delta R.T. 0.000 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

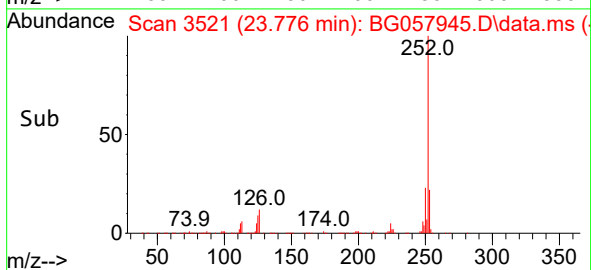
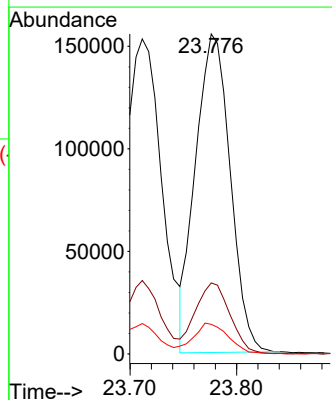
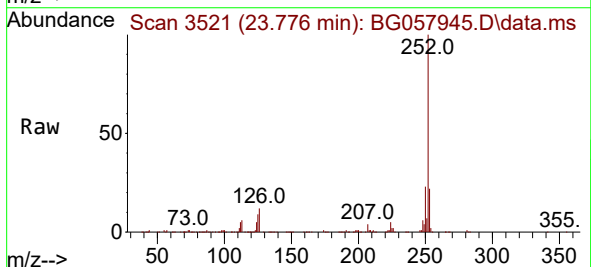
Tgt Ion:252 Resp: 351048

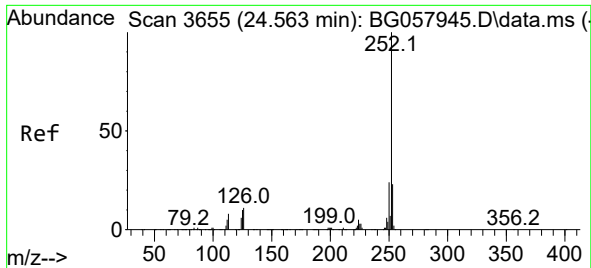
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.3 7.4 11.2

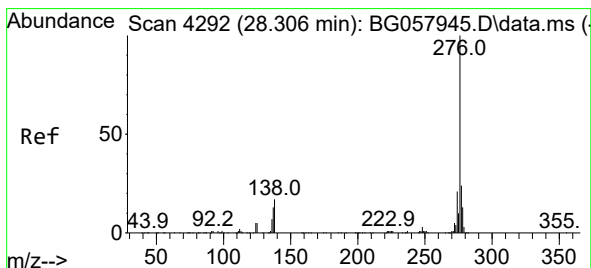
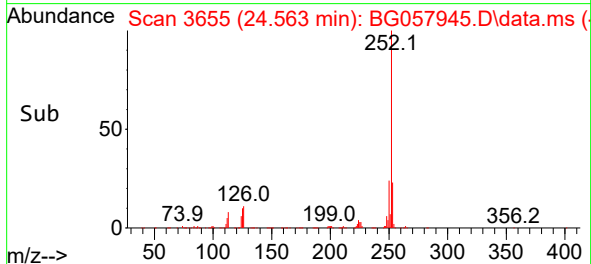
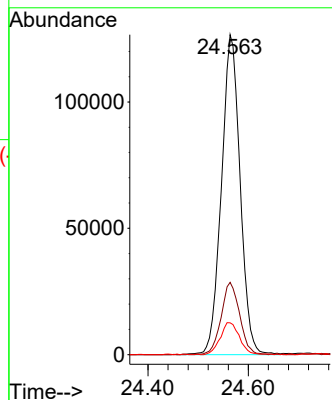
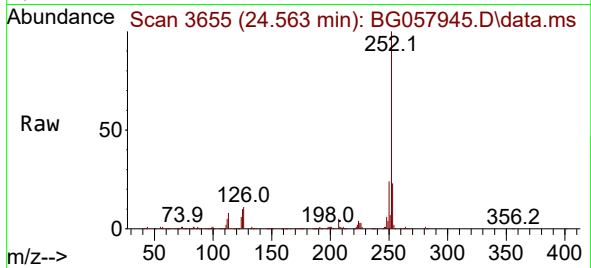




#93
Benzo(a)pyrene
Concen: 18.844 ng/ul
RT: 24.563 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

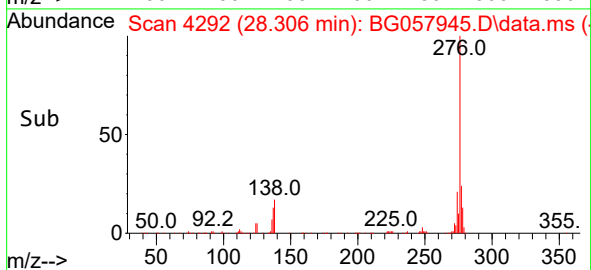
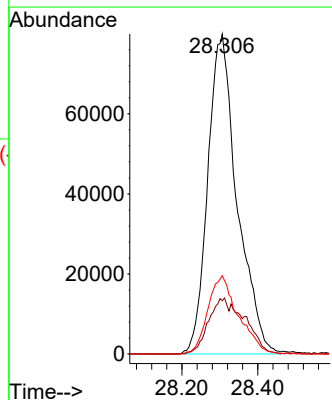
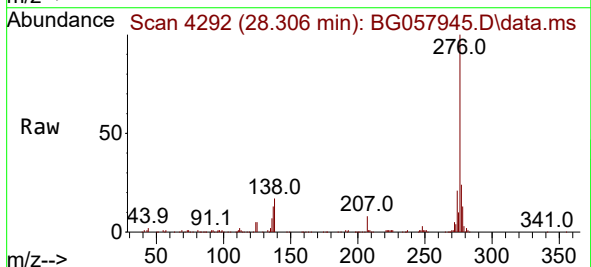
Instrument :
BNA_P
ClientSampleId :

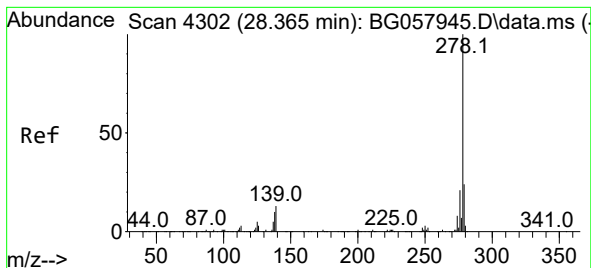
Tgt Ion:252 Resp: 327866
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.9 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.591 ng/ul
RT: 28.306 min Scan# 4292
Delta R.T. 0.000 min
Lab File: BG057945.D
Acq: 3 Jul 2023 8:01

Tgt Ion:276 Resp: 429536
Ion Ratio Lower Upper
276 100
138 16.7 14.0 21.0
277 24.4 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 18.816 ng/ul

RT: 28.365 min Scan# 4302

Delta R.T. -0.005 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Instrument :

BNA_P

ClientSampleId :

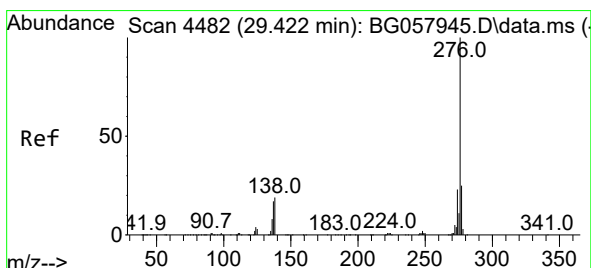
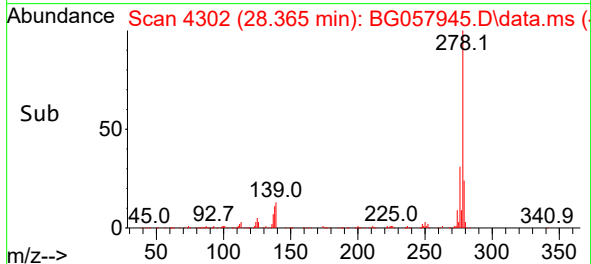
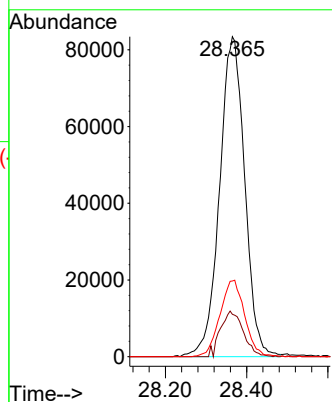
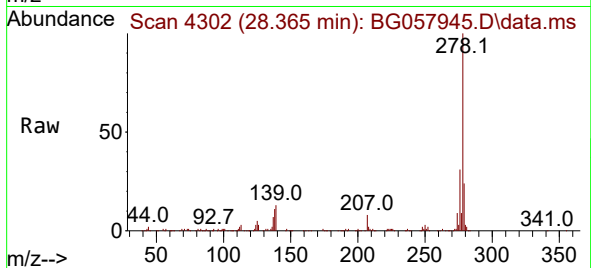
Tgt Ion:278 Resp: 358479

Ion Ratio Lower Upper

278 100

139 13.2 11.3 16.9

279 23.7 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 18.500 ng/ul

RT: 29.422 min Scan# 4482

Delta R.T. -0.005 min

Lab File: BG057945.D

Acq: 3 Jul 2023 8:01

Tgt Ion:276 Resp: 349113

Ion Ratio Lower Upper

276 100

138 18.9 14.2 21.2

277 24.8 18.6 27.8

