

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059138.D
 Acq On : 21 Sep 2023 11:07
 Operator : MA/JU
 Sample : PB155516BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 01:07:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	42073	20.000	ng/u1	0.00
20) Naphthalene-d8	11.143	136	213071	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.927	164	138222	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.676	188	290979	20.000	ng/u1	0.00
79) Chrysene-d12	22.001	240	240275	20.000	ng/u1	0.00
88) Perylene-d12	25.550	264	275378	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	6284	5.846	ng/uL	0.00
4) Pyridine-d5	4.034	84	86469	27.421	ng/u1	-0.01
7) Phenol-d5	7.412	99	158050	38.204	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	90299	35.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.811	132	114332	37.450	ng/u1	0.00
15) 4-Methylphenol-d8	8.987	113	118561	35.985	ng/u1	0.00
21) Nitrobenzene-d5	9.492	128	59401	36.128	ng/u1	0.00
24) 2-Nitrophenol-d4	10.215	143	64883	39.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	121758	38.614	ng/u1	0.00
31) 4-Chloroaniline-d4	11.284	131	94017	19.103	ng/u1	0.00
46) Dimethylphthalate-d6	14.322	166	374813	35.259	ng/u1	0.00
49) Acenaphthylene-d8	14.633	160	450818	34.829	ng/u1	0.00
54) 4-Nitrophenol-d4	15.109	143	69454	35.811	ng/u1	0.01
60) Fluorene-d10	15.914	176	332911	34.213	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.025	200	65029	39.309	ng/u1	0.00
73) Anthracene-d10	17.776	188	460547	34.785	ng/u1	0.00
81) Pyrene-d10	20.050	212	515618	36.714	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.303	264	516688	38.426	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.646	88	14410	11.856	ng/uL#	72
5) Pyridine	4.057	79	94372	29.370	ng/u1	95
6) Benzaldehyde	7.441	77	59272	27.631	ng/u1	92
8) Phenol	7.441	94	167037	39.283	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.712	93	126396	37.024	ng/u1	93
12) 2-Chlorophenol	7.847	128	122664	39.381	ng/u1	90
13) 2-Methylphenol	8.716	108	120009	38.030	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.804	45	153726	21.688	ng/u1	99
16) Acetophenone	9.139	105	193094	38.067	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.110	70	97343	37.962	ng/u1	99
18) 4-Methylphenol	9.057	108	134542	39.785	ng/u1	93
19) Hexachloroethane	9.386	117	46622	38.070	ng/u1	98
22) Nitrobenzene	9.539	77	139347	37.427	ng/u1	93
23) Isophorone	10.050	82	301648	37.782	ng/u1	98
25) 2-Nitrophenol	10.250	139	73035	39.348	ng/u1	97
26) 2,4-Dimethylphenol	10.267	107	114579	33.017	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.532	93	187410	37.731	ng/u1	98
29) 2,4-Dichlorophenol	10.767	162	127139	39.887	ng/u1	91
30) Naphthalene	11.196	128	426636	37.419	ng/u1	99
32) 4-Chloroaniline	11.307	127	129251	26.679	ng/u1	94
33) Hexachlorobutadiene	11.419	225	77919	37.979	ng/u1#	84
34) Caprolactam	12.101	113	29506	25.277	ng/u1	75
35) 4-Chloro-3-methylphenol	12.383	107	135166	40.258	ng/u1	96
36) 2-Methylnaphthalene	12.776	142	287914	37.809	ng/u1	98

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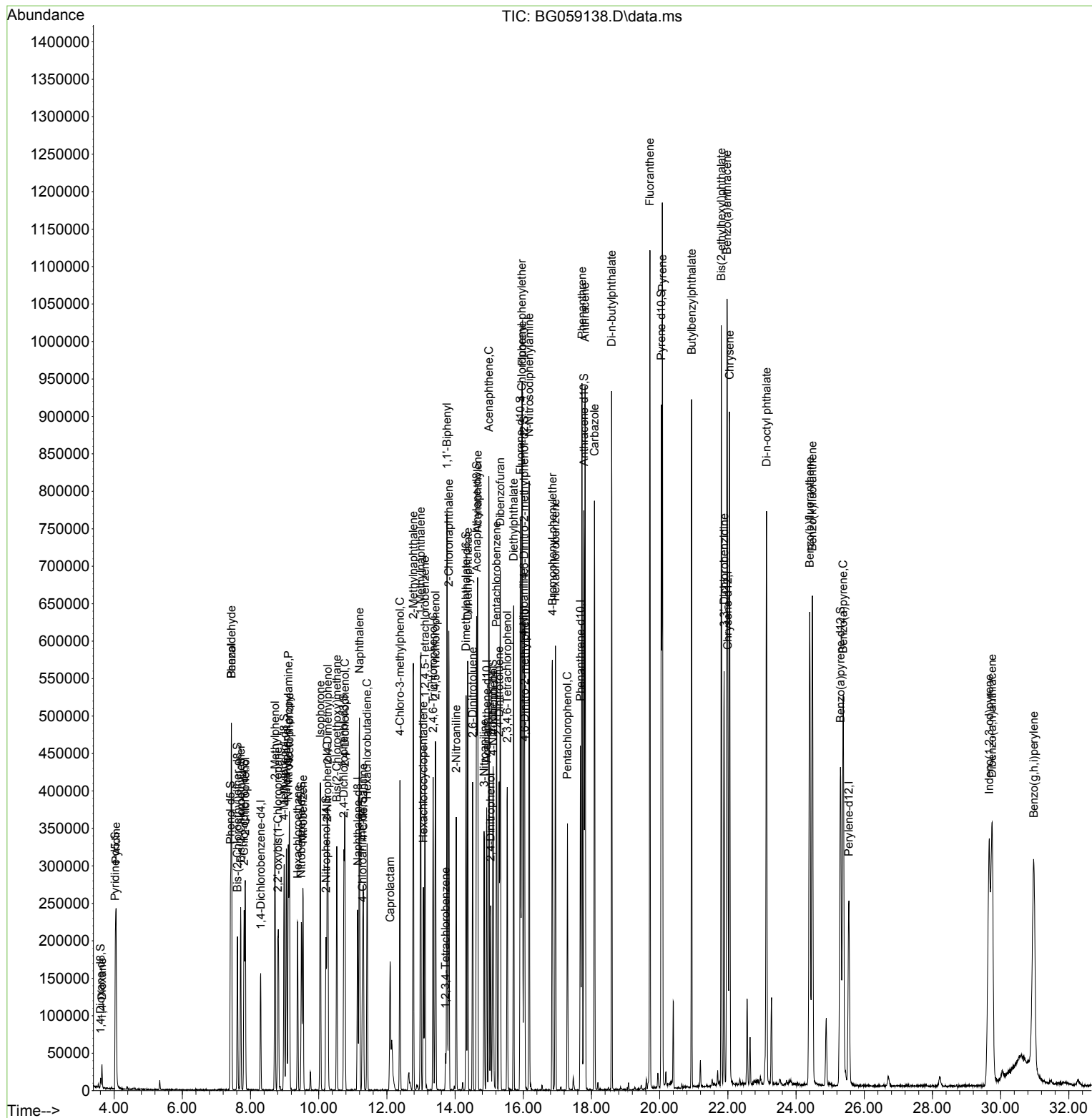
Instrument :
 BNA_G
 ClientSampleId :

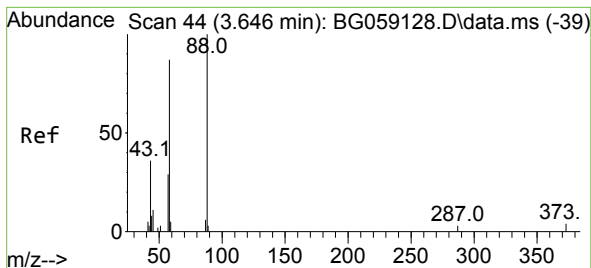
Quant Time: Sep 22 01:07:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.994	142	280372	36.449	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.117	216	150484	37.136	ng/ul	99
40) Hexachlorocyclopentadiene	13.070	237	75332	29.160	ng/ul	90
41) 2,4,6-Trichlorophenol	13.358	196	96144	36.334	ng/ul	92
42) 2,4,5-Trichlorophenol	13.428	196	106647	37.260	ng/ul	95
43) 1,1'-Biphenyl	13.763	154	424626	38.488	ng/ul	96
44) 2-Chloronaphthalene	13.816	162	315923	37.502	ng/ul	97
45) 2-Nitroaniline	14.034	65	103508	38.763	ng/ul	99
47) Dimethylphthalate	14.374	163	398146	36.670	ng/ul	99
48) 2,6-Dinitrotoluene	14.515	165	79400	39.574	ng/ul	89
50) Acenaphthylene	14.662	152	485137	35.090	ng/ul	99
51) 3-Nitroaniline	14.850	138	85379	38.567	ng/ul	97
52) Acenaphthene	14.991	153	348922	37.216	ng/ul	96
53) 2,4-Dinitrophenol	15.044	184	51444	42.553	ng/ul#	91
55) 4-Nitrophenol	15.121	109	48524	37.857	ng/ul	95
56) Dibenzofuran	15.326	168	470720	37.853	ng/ul	97
57) 2,4-Dinitrotoluene	15.291	165	113259	39.155	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.532	232	86984	32.831	ng/ul#	89
59) Diethylphthalate	15.720	149	374874	35.039	ng/ul	98
61) Fluorene	15.973	166	379701	35.759	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.955	204	191356	36.310	ng/ul	95
63) 4-Nitroaniline	16.020	138	81717	39.820	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.043	198	71153	39.905	ng/ul#	98
67) N-Nitrosodiphenylamine	16.172	169	315018	40.663	ng/ul	98
68) 4-Bromophenyl-phenylether	16.854	248	113583	40.121	ng/ul	97
69) Hexachlorobenzene	16.942	284	127195	39.225	ng/ul	91
71) Pentachlorophenol	17.294	266	67362	31.981	ng/ul	92
72) Phenanthrene	17.723	178	622502	38.229	ng/ul	99
74) Anthracene	17.812	178	617916	37.138	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.722	216	15310	3.947	ng/uL	86
76) Pentachlorobenzene	15.215	250	156856	43.714	ng/uL	95
77) Carbazole	18.088	167	530322	38.338	ng/ul	99
78) Di-n-butylphthalate	18.593	149	638455	37.466	ng/ul	99
80) Fluoranthene	19.715	202	701549	40.087	ng/ul	99
82) Pyrene	20.079	202	719413	39.409	ng/ul	99
83) Butylbenzylphthalate	20.937	149	267302	40.538	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.889	252	224457	38.658	ng/ul	99
85) Benzo(a)anthracene	21.977	228	664974	38.119	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.807	149	408679	41.424	ng/ul#	98
87) Chrysene	22.054	228	638571	39.252	ng/ul	99
89) Di-n-octyl phthalate	23.135	149	699354	41.539	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	713393	42.514	ng/ul	100
91) Benzo(k)fluoranthene	24.480	252	702554	40.382	ng/ul	100
93) Benzo(a)pyrene	25.379	252	618924	38.379	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.668	276	751919	40.997	ng/ul	96
95) Dibenzo(a,h)anthracene	29.750	278	625352	42.428	ng/ul	99
96) Benzo(g,h,i)perylene	30.973	276	596535	40.376	ng/ul	98

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

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#2

1,4-Dioxane

Concen: 11.856 ng/uL

RT: 3.646 min Scan# 44

Delta R.T. -0.006 min

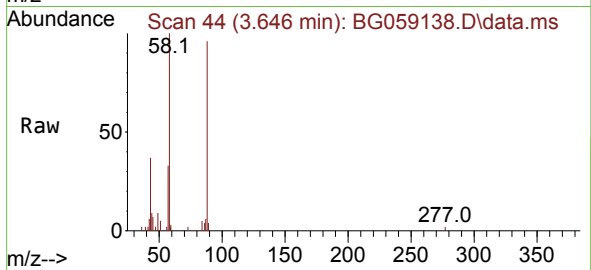
Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :



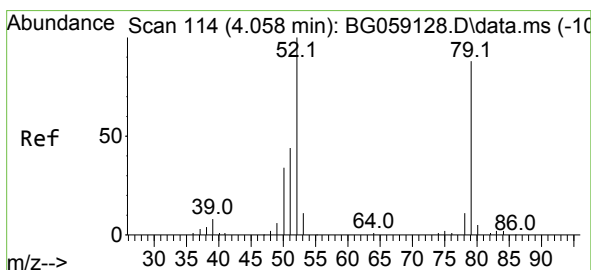
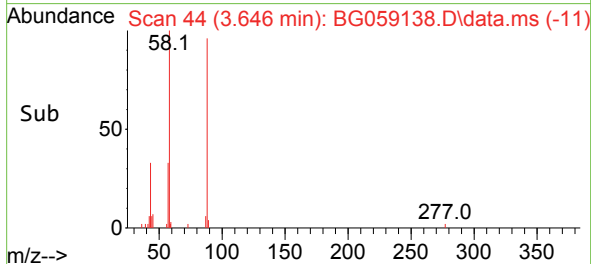
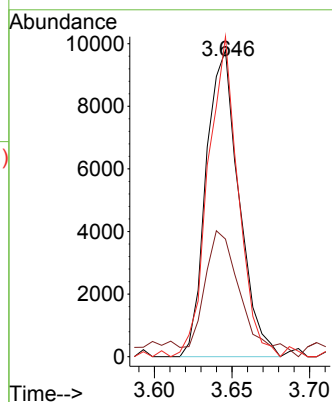
Tgt Ion: 88 Resp: 14410

Ion Ratio Lower Upper

88 100

43 38.4 24.5 36.7#

58 104.4 60.6 91.0#



#5

Pyridine

Concen: 29.370 ng/uL

RT: 4.057 min Scan# 114

Delta R.T. -0.007 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

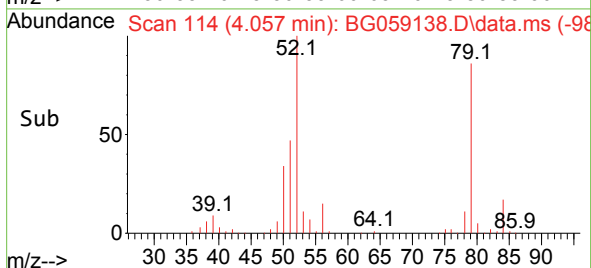
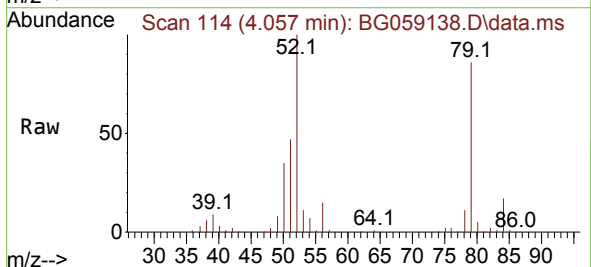
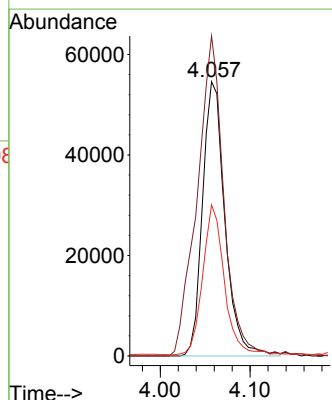
Tgt Ion: 79 Resp: 94372

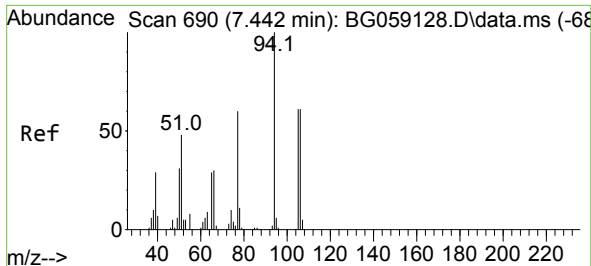
Ion Ratio Lower Upper

79 100

52 116.6 90.6 135.8

51 55.1 39.6 59.4

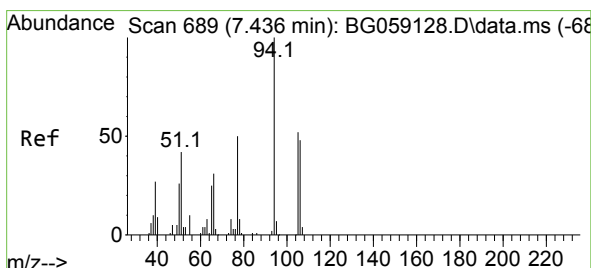
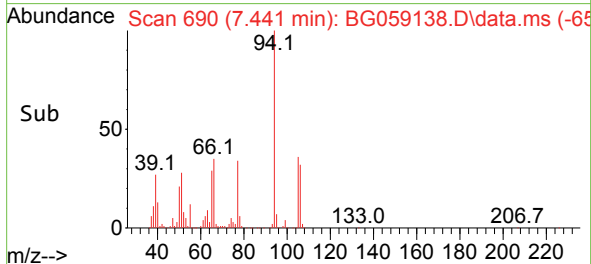
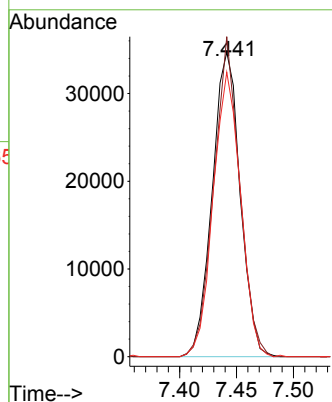
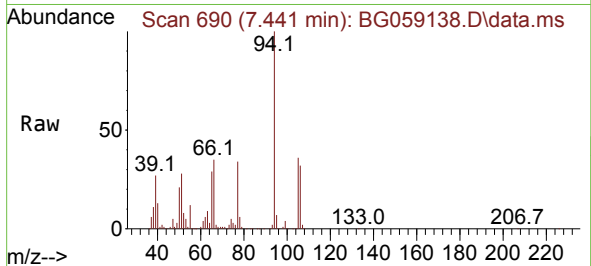




#6
Benzaldehyde
Concen: 27.631 ng/ul
RT: 7.441 min Scan# 690
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

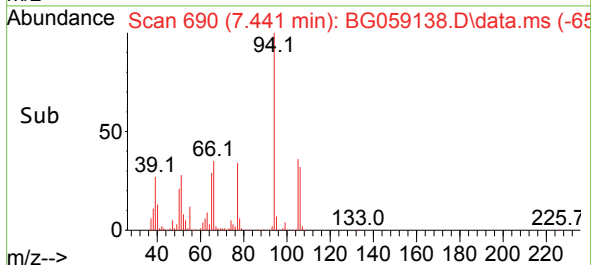
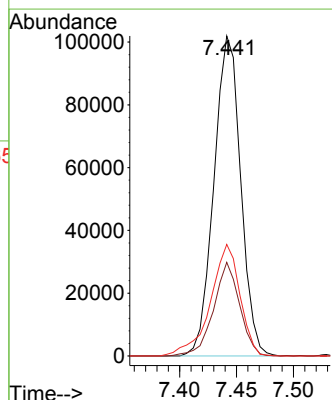
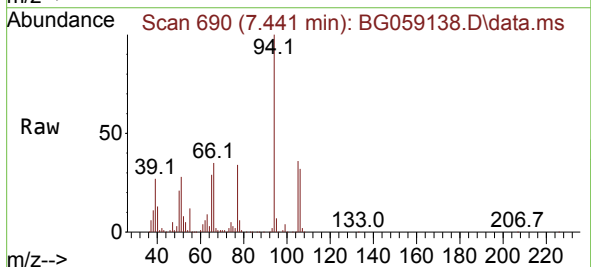
Instrument :
BNA_G
ClientSampleId :

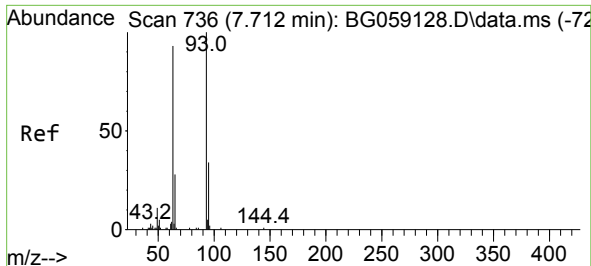
Tgt Ion: 77 Resp: 59272
Ion Ratio Lower Upper
77 100
105 105.1 76.9 115.3
106 93.4 69.4 104.0



#8
Phenol
Concen: 39.283 ng/ul
RT: 7.441 min Scan# 690
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

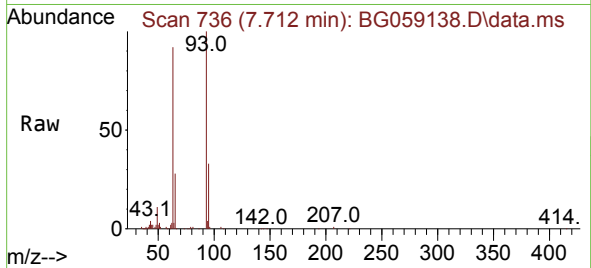
Tgt Ion: 94 Resp: 167037
Ion Ratio Lower Upper
94 100
65 29.2 24.4 36.6
66 34.8 28.4 42.6



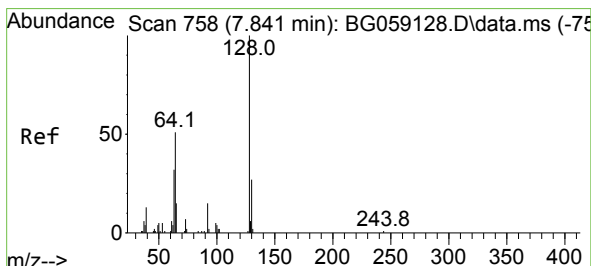
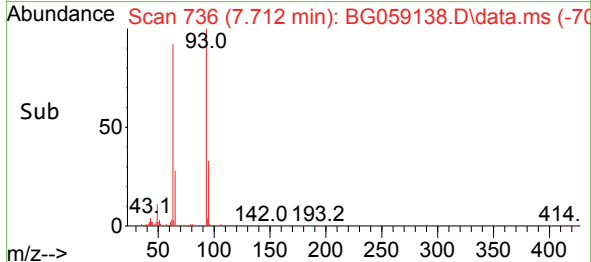
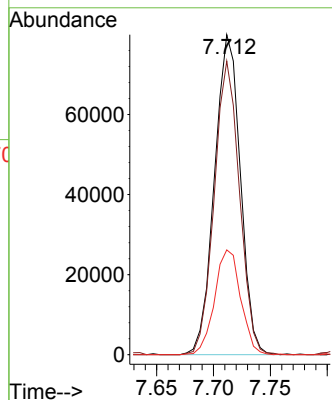


#10
Bis(2-Chloroethyl)ether
Concen: 37.024 ng/ul
RT: 7.712 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Instrument :
BNA_G
ClientSampleId :

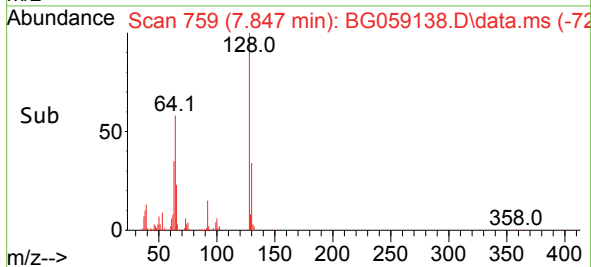
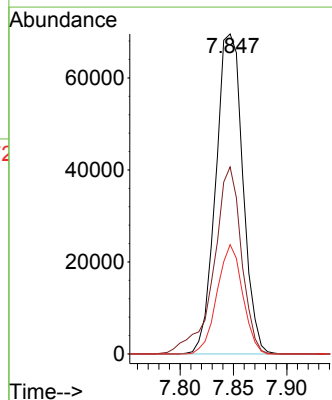
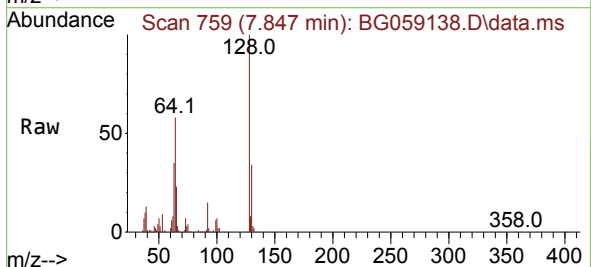


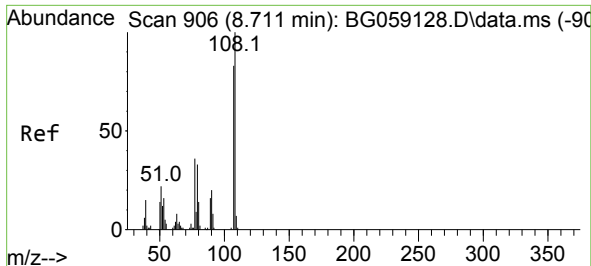
Tgt Ion: 93 Resp: 126396
Ion Ratio Lower Upper
93 100
63 91.8 68.3 102.5
95 32.8 23.8 35.8



#12
2-Chlorophenol
Concen: 39.381 ng/ul
RT: 7.847 min Scan# 759
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:128 Resp: 122664
Ion Ratio Lower Upper
128 100
64 58.4 40.3 60.5
130 34.1 24.0 36.0





#13

2-Methylphenol

Concen: 38.030 ng/ul

RT: 8.716 min Scan# 906

Delta R.T. -0.001 min

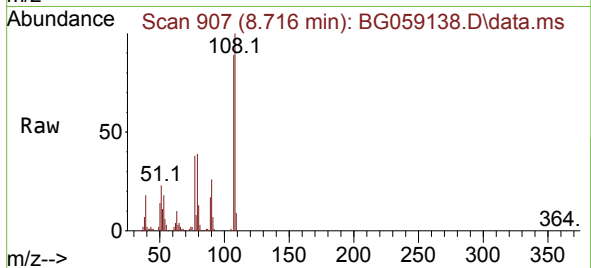
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Instrument :

BNA_G

ClientSampleId :

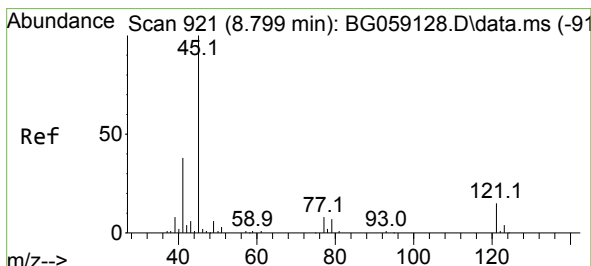
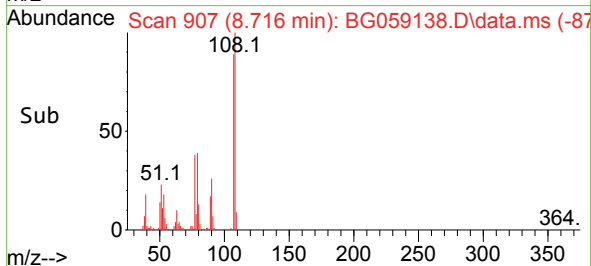
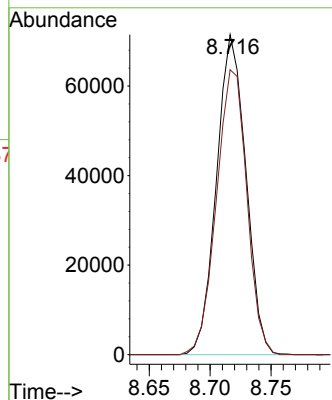


Tgt Ion:108 Resp: 120009

Ion Ratio Lower Upper

108 100

107 89.1 75.1 112.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.688 ng/ul

RT: 8.804 min Scan# 922

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

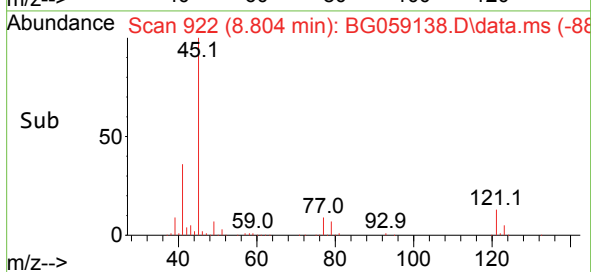
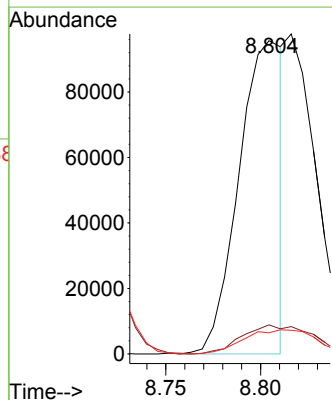
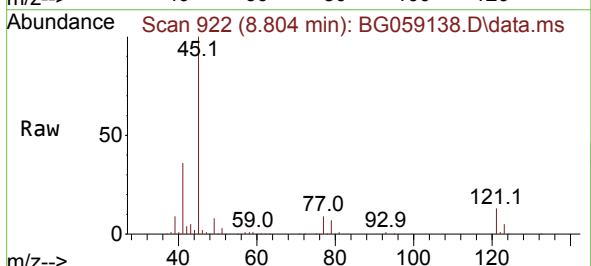
Tgt Ion: 45 Resp: 153726

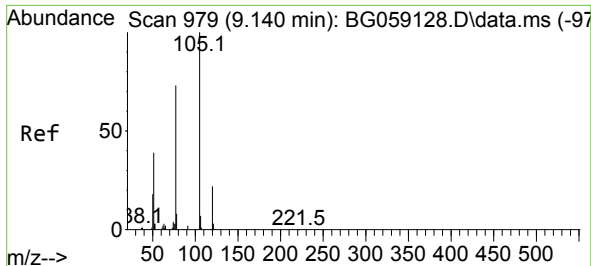
Ion Ratio Lower Upper

45 100

77 9.3 7.8 11.6

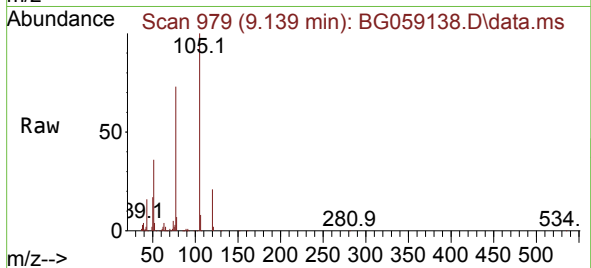
79 6.7 5.6 8.4



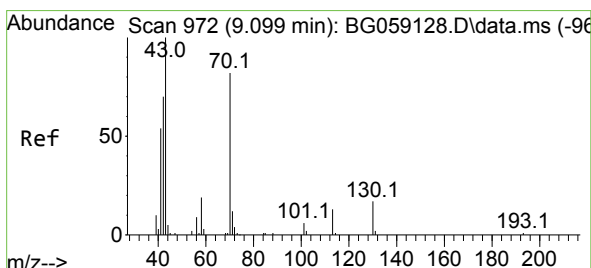
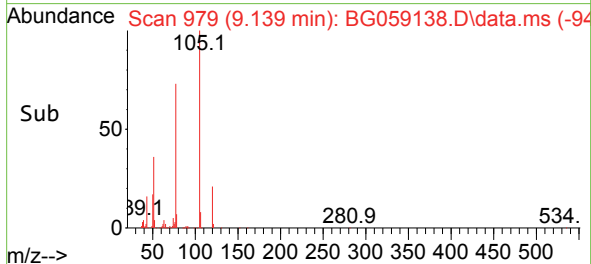
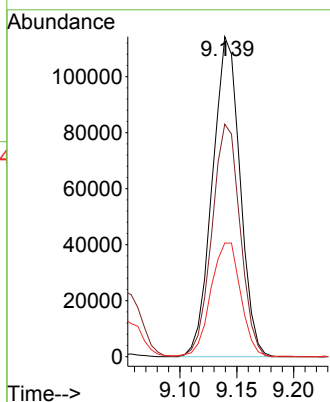


#16
Acetophenone
Concen: 38.067 ng/ul
RT: 9.139 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

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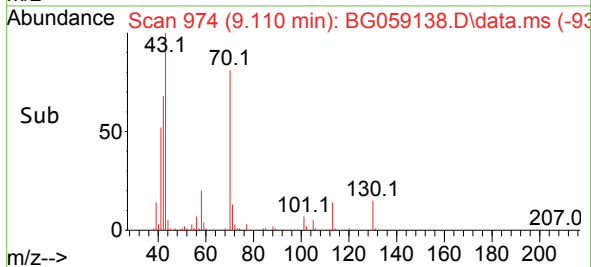
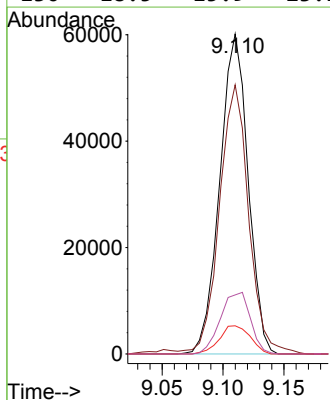
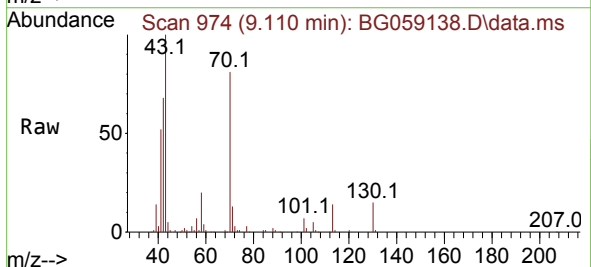


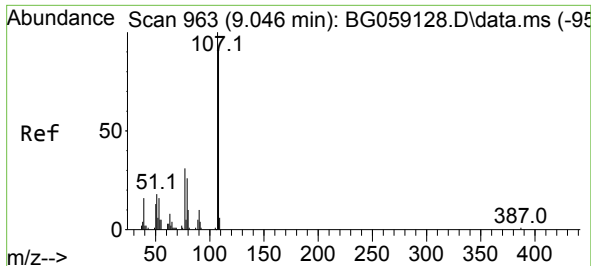
Tgt Ion:105 Resp: 193094
Ion Ratio Lower Upper
105 100
77 72.7 57.2 85.8
51 35.5 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 37.962 ng/ul
RT: 9.110 min Scan# 974
Delta R.T. 0.011 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion: 70 Resp: 97343
Ion Ratio Lower Upper
70 100
42 84.1 67.1 100.7
101 8.8 7.6 11.4
130 18.5 15.9 23.9

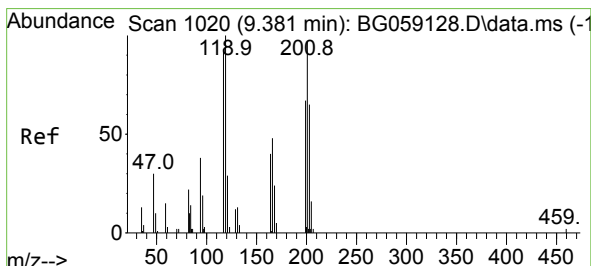
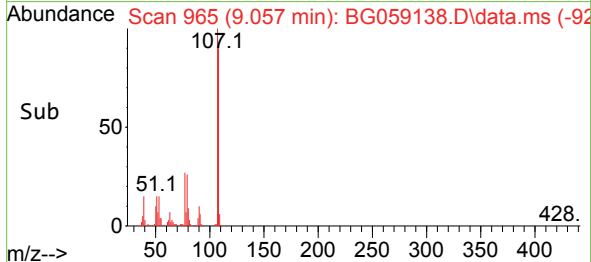
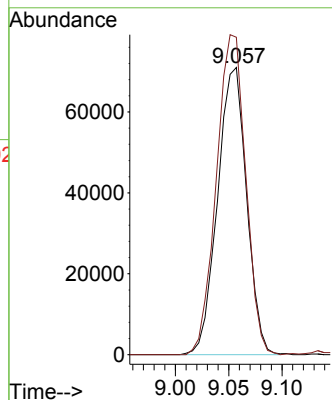
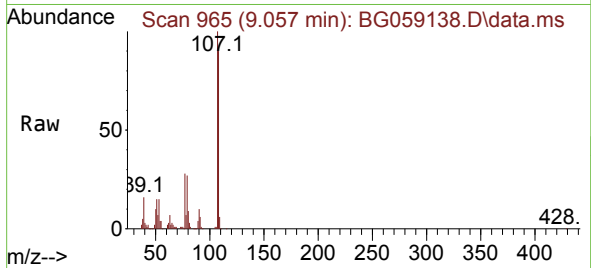




#18
4-Methylphenol
Concen: 39.785 ng/ul
RT: 9.057 min Scan# 90
Delta R.T. 0.011 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

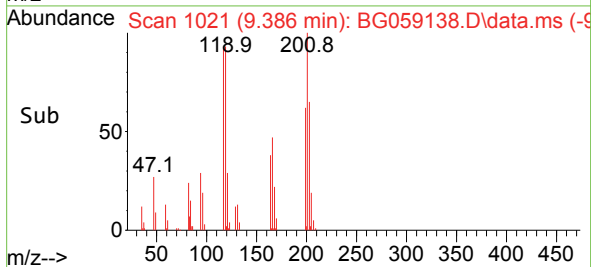
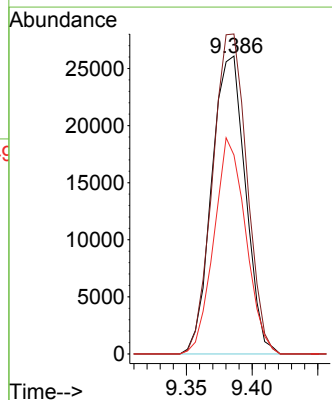
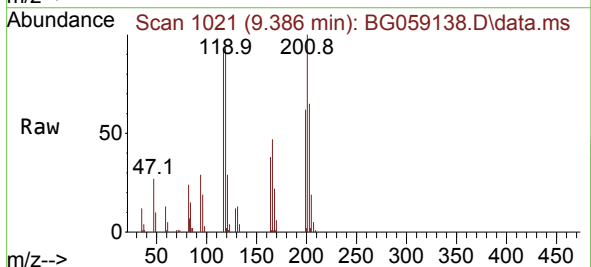
Instrument :
BNA_G
ClientSampleId :

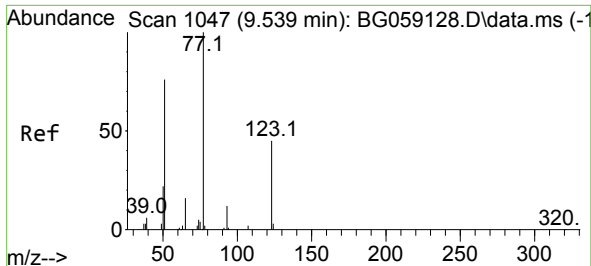
Tgt Ion:108 Resp: 134542
Ion Ratio Lower Upper
108 100
107 110.5 94.4 141.6



#19
Hexachloroethane
Concen: 38.070 ng/ul
RT: 9.386 min Scan# 1021
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

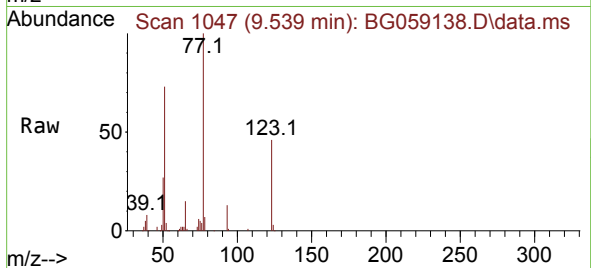
Tgt Ion:117 Resp: 46622
Ion Ratio Lower Upper
117 100
201 107.4 86.4 129.6
199 66.8 56.2 84.2



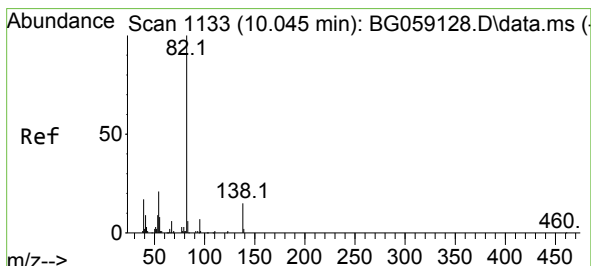
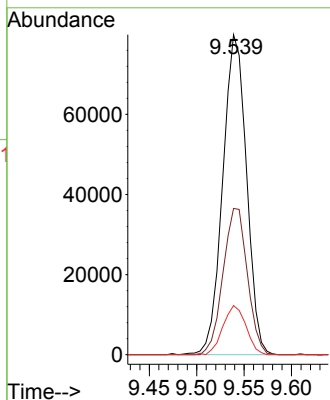
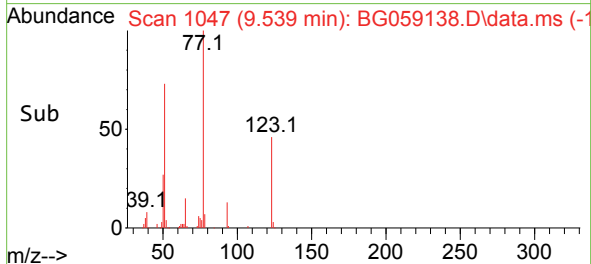


#22
Nitrobenzene
Concen: 37.427 ng/ul
RT: 9.539 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Instrument :
BNA_G
ClientSampleId :

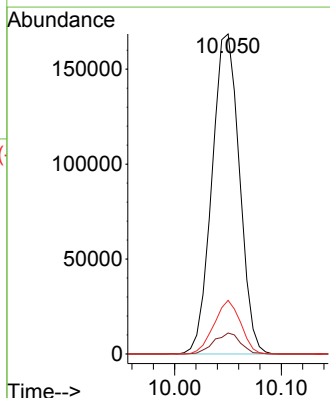
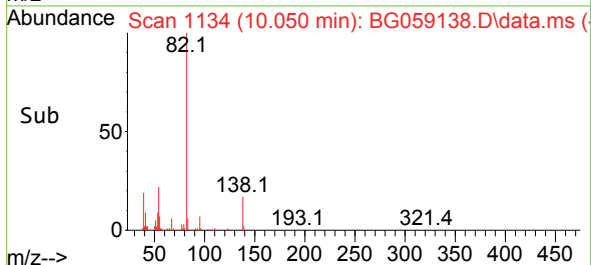
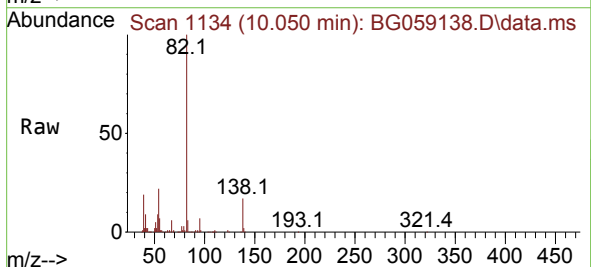


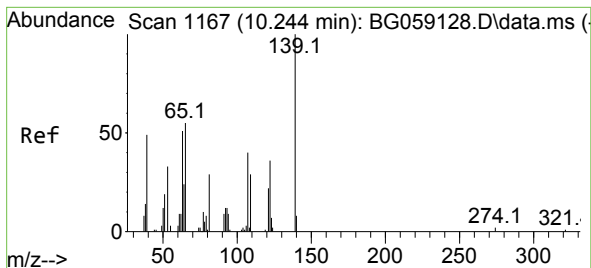
Tgt Ion: 77 Resp: 139347
Ion Ratio Lower Upper
77 100
123 45.7 41.8 62.8
65 15.4 12.3 18.5



#23
Isophorone
Concen: 37.782 ng/ul
RT: 10.050 min Scan# 1134
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion: 82 Resp: 301648
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 16.8 12.7 19.1

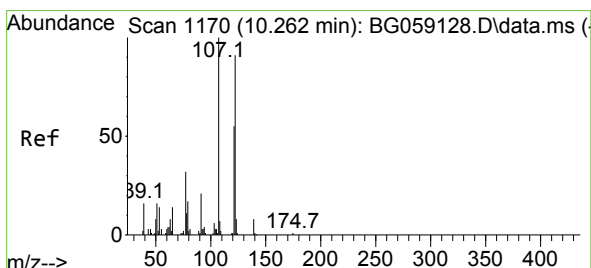
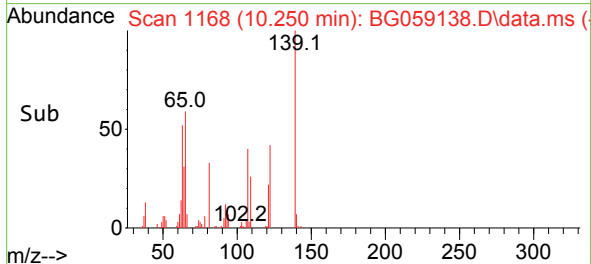
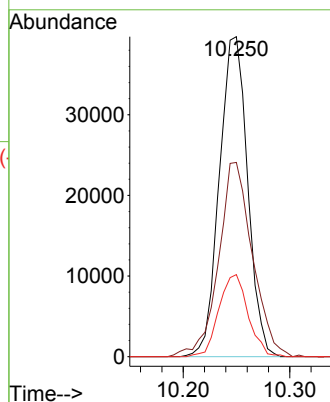
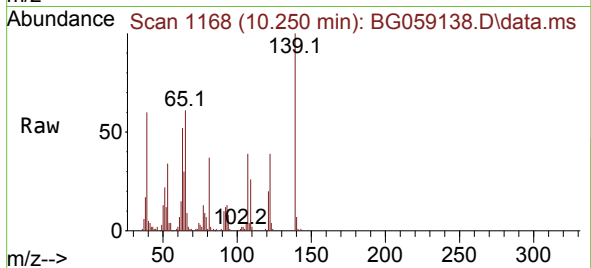




#25
2-Nitrophenol
Concen: 39.348 ng/ul
RT: 10.250 min Scan# 1168
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

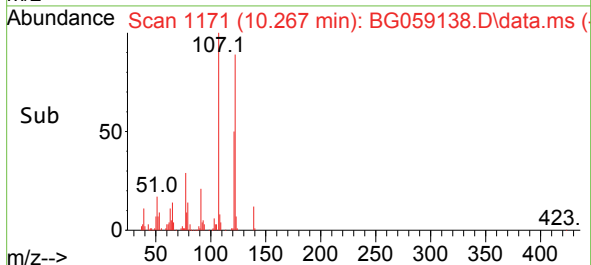
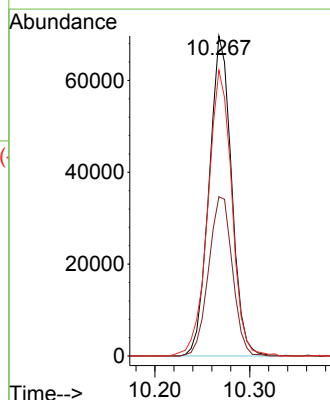
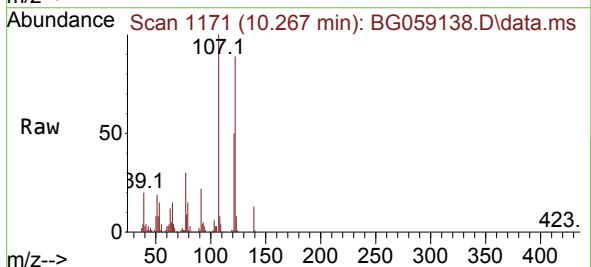
Instrument :
BNA_G
ClientSampleId :

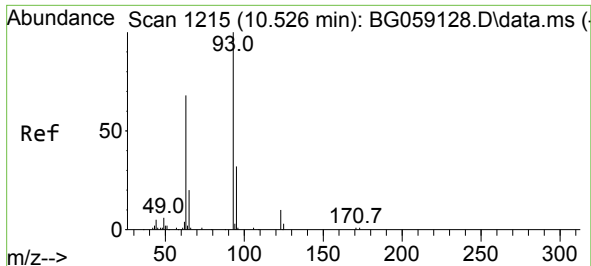
Tgt Ion:139 Resp: 73035
Ion Ratio Lower Upper
139 100
65 60.7 46.4 69.6
109 25.7 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 33.017 ng/ul
RT: 10.267 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:107 Resp: 114579
Ion Ratio Lower Upper
107 100
121 49.7 41.4 62.0
122 89.3 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 37.731 ng/ul

RT: 10.532 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

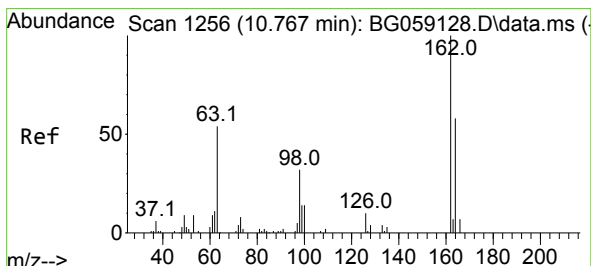
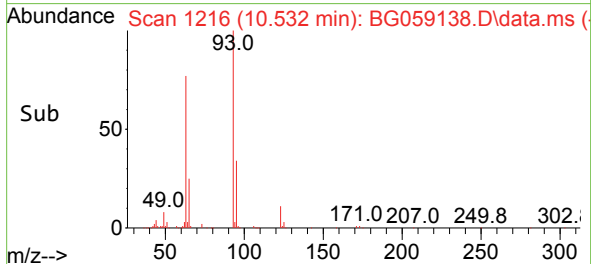
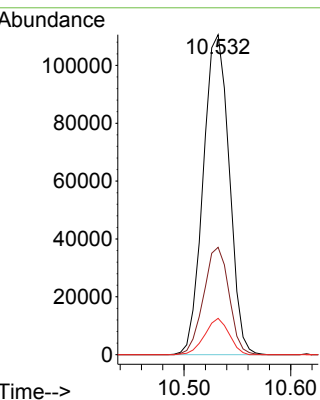
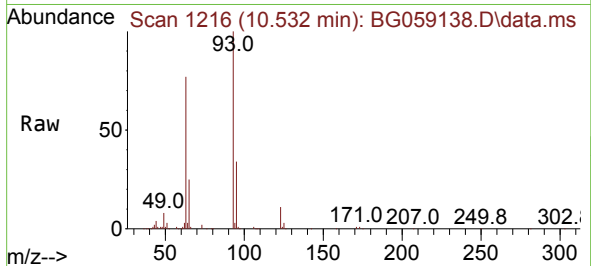
Tgt Ion: 93 Resp: 187410

Ion Ratio Lower Upper

93 100

95 33.6 26.1 39.1

123 11.3 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 39.887 ng/ul

RT: 10.767 min Scan# 1256

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

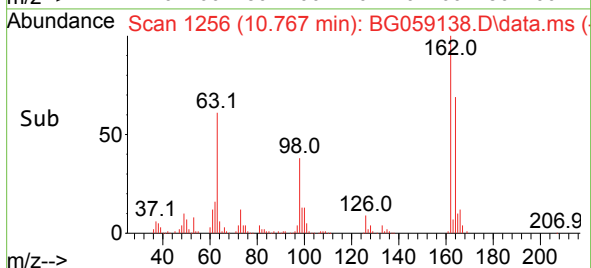
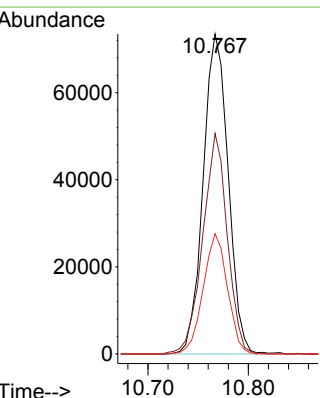
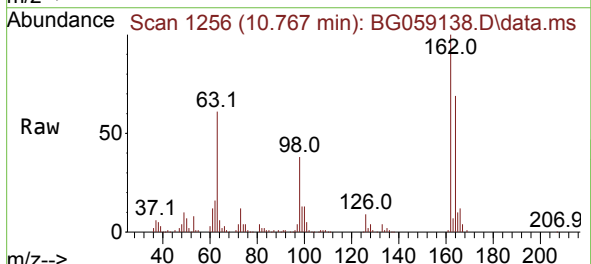
Tgt Ion:162 Resp: 127139

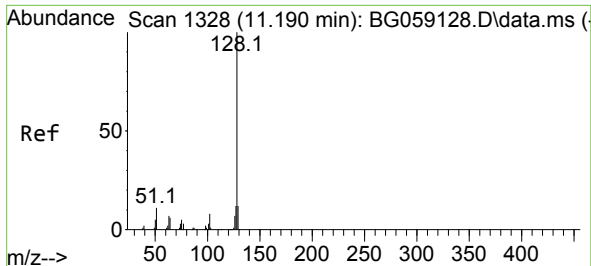
Ion Ratio Lower Upper

162 100

164 68.9 49.8 74.8

98 37.6 25.9 38.9

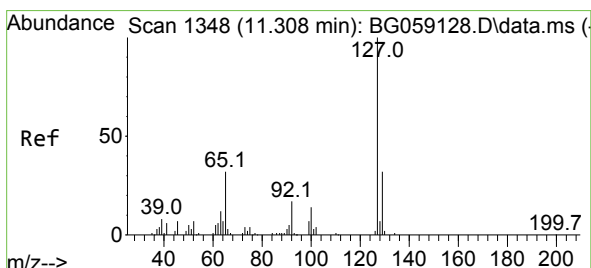
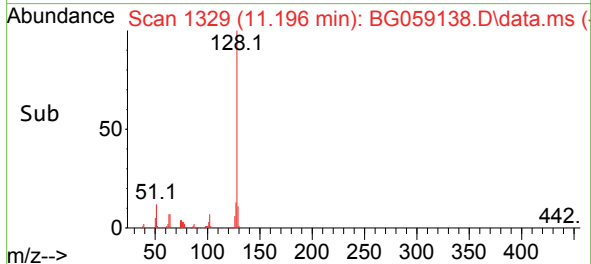
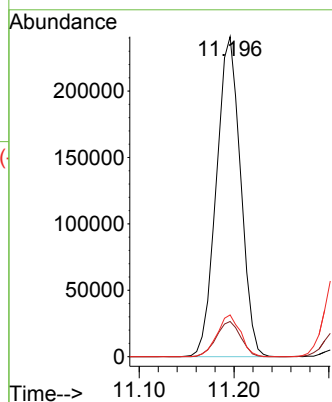
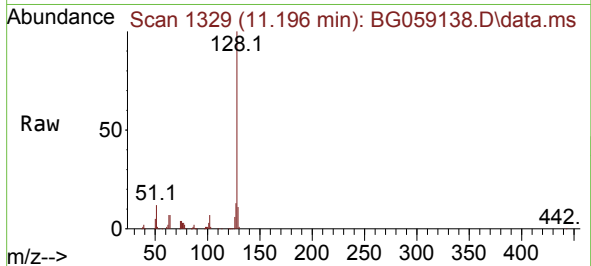




#30
Naphthalene
Concen: 37.419 ng/ul
RT: 11.196 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

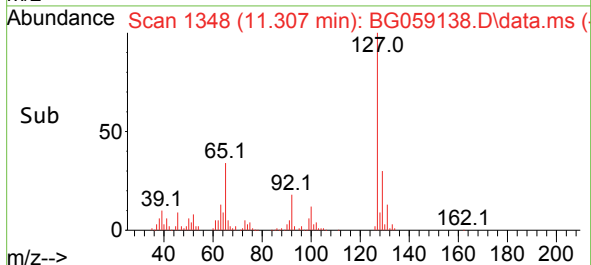
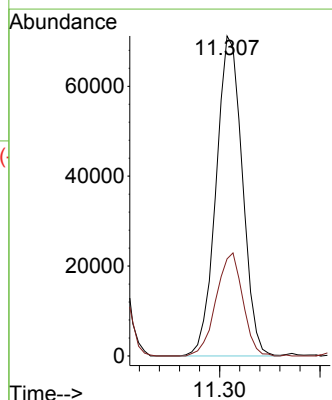
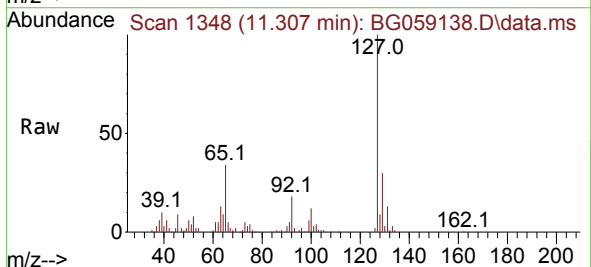
Instrument :
BNA_G
ClientSampleId :

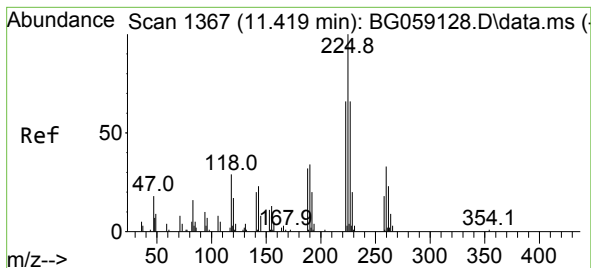
Tgt Ion:128 Resp: 426636
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 26.679 ng/ul
RT: 11.307 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:127 Resp: 129251
Ion Ratio Lower Upper
127 100
129 30.4 27.2 40.8





#33

Hexachlorobutadiene

Concen: 37.979 ng/uI

RT: 11.419 min Scan# 1

Delta R.T. -0.007 min

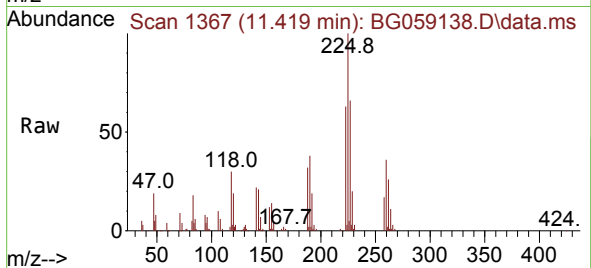
Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

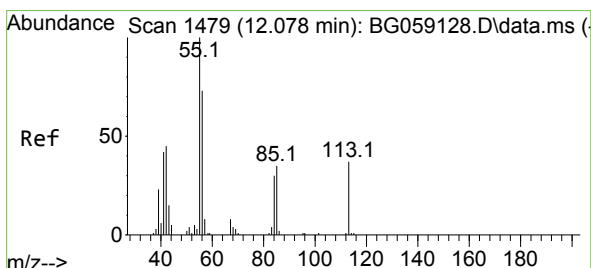
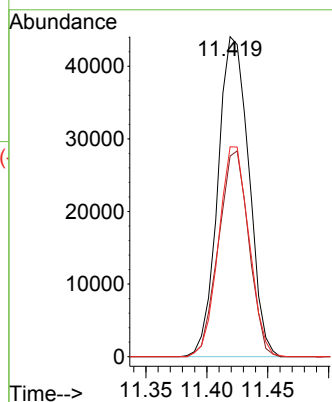
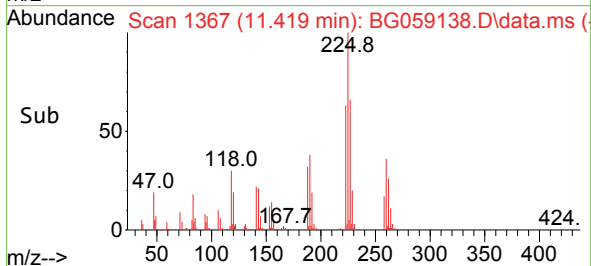
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	225	Resp:	77919
Ion Ratio	Lower	Upper	
225	100		
223	62.7	39.0	58.4#
227	65.6	45.7	68.5



#34

Caprolactam

Concen: 25.277 ng/uI

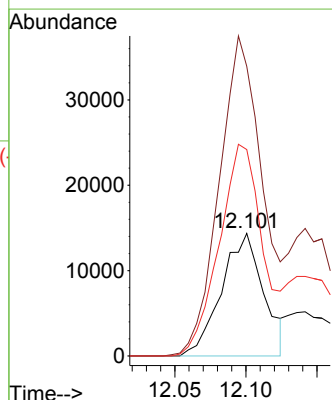
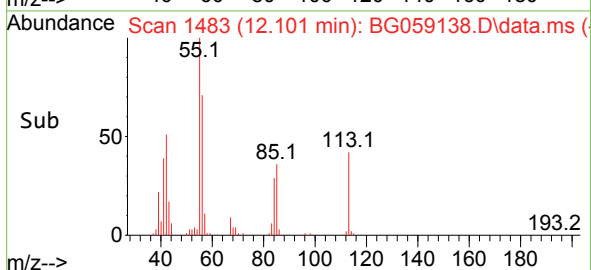
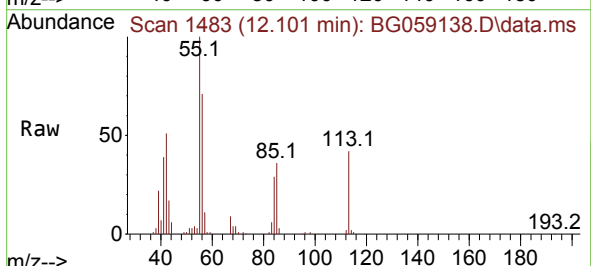
RT: 12.101 min Scan# 1483

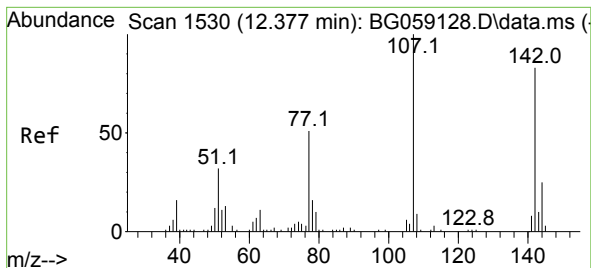
Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

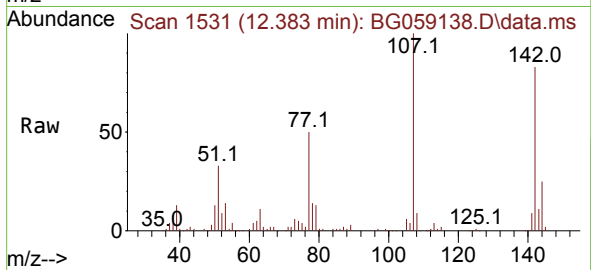
Tgt Ion:	113	Resp:	29506
Ion Ratio	Lower	Upper	
113	100		
55	236.2	157.6	236.4
56	168.4	112.3	168.5



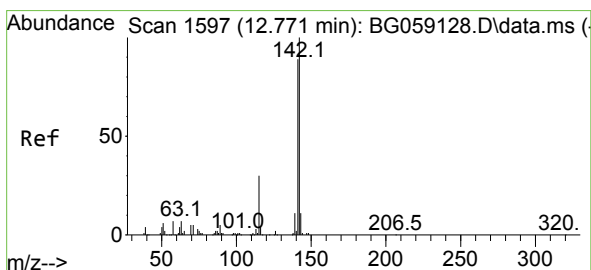
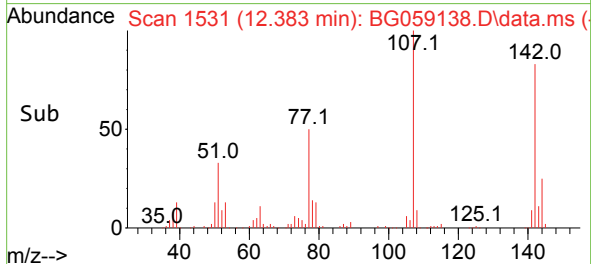
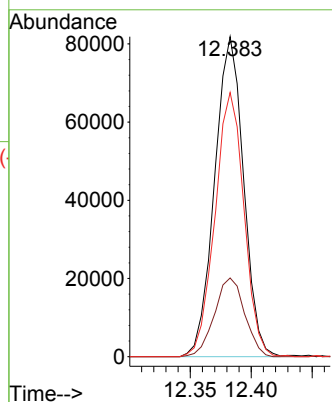


#35
4-Chloro-3-methylphenol
Concen: 40.258 ng/ul
RT: 12.383 min Scan# 1531
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Instrument :
BNA_G
ClientSampleId :

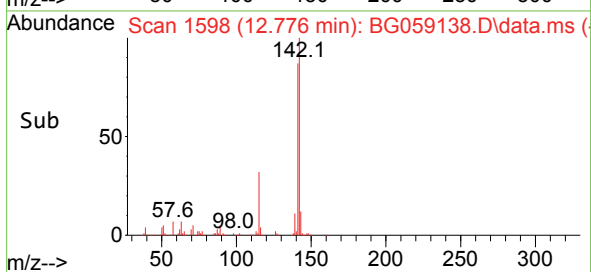
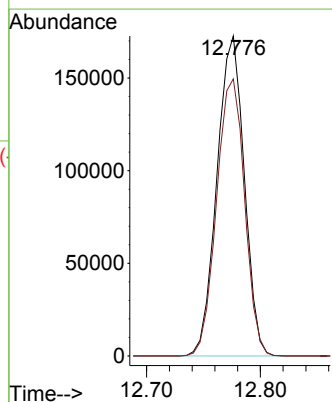
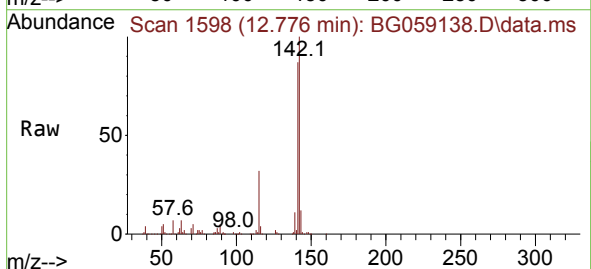


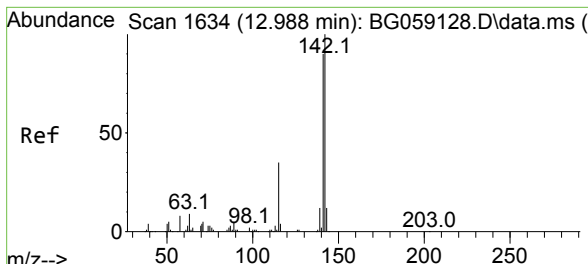
Tgt Ion:107 Resp: 135166
Ion Ratio Lower Upper
107 100
144 24.6 20.1 30.1
142 82.5 62.7 94.1



#36
2-Methylnaphthalene
Concen: 37.809 ng/ul
RT: 12.776 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:142 Resp: 287914
Ion Ratio Lower Upper
142 100
141 86.6 70.6 106.0



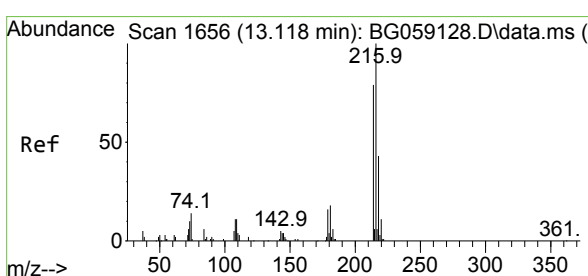
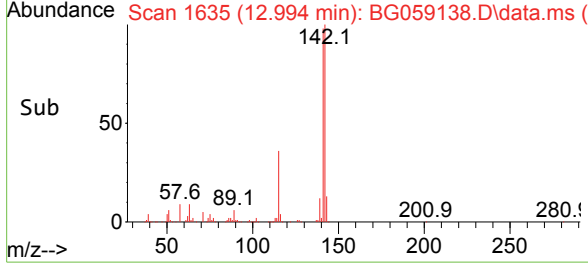
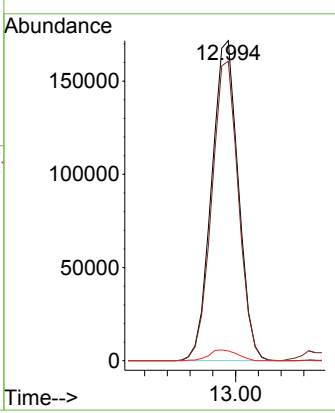
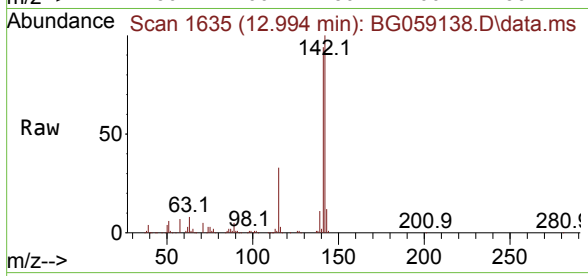


#37
 1-Methylnaphthalene
 Concen: 36.449 ng/ul
 RT: 12.994 min Scan# 1635
 Delta R.T. 0.005 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:142 Resp: 280372

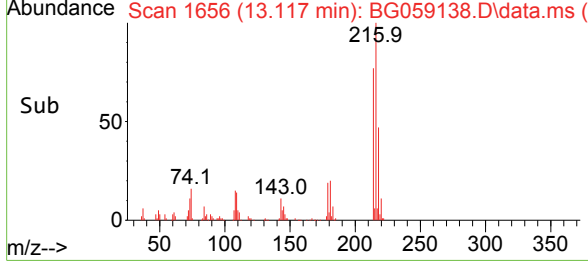
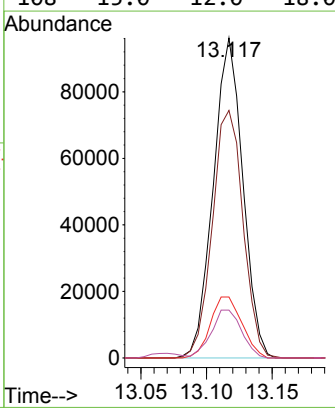
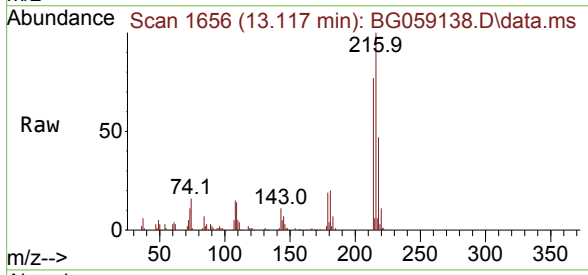
Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.0	108.0
116	3.1	2.7	4.1

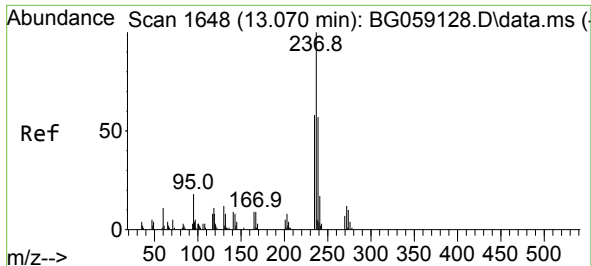


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.136 ng/ul
 RT: 13.117 min Scan# 1656
 Delta R.T. -0.001 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

Tgt Ion:216 Resp: 150484

Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.6	94.0
179	19.1	16.0	24.0
108	15.0	12.0	18.0

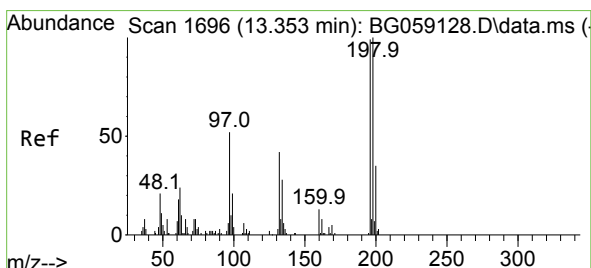
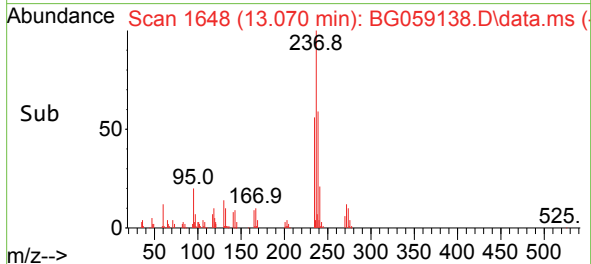
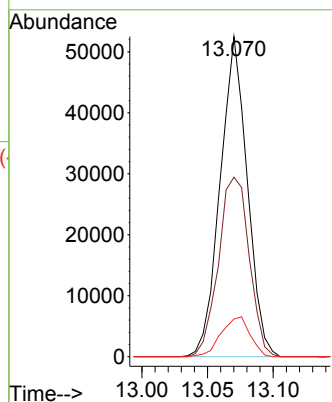
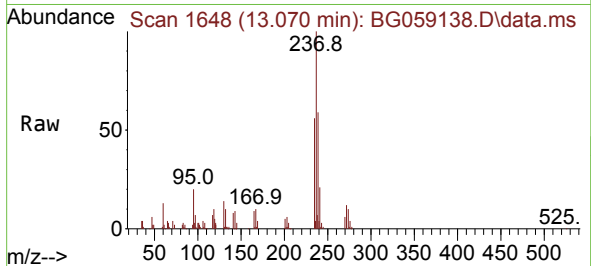




#40
Hexachlorocyclopentadiene
Concen: 29.160 ng/ul
RT: 13.070 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

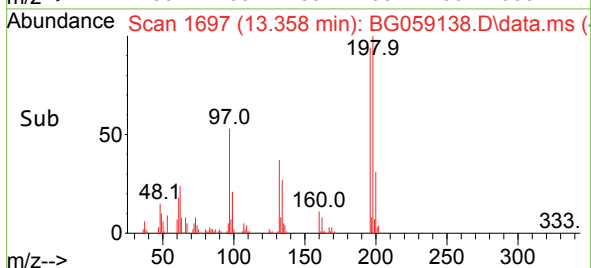
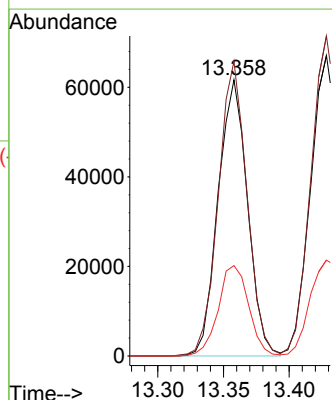
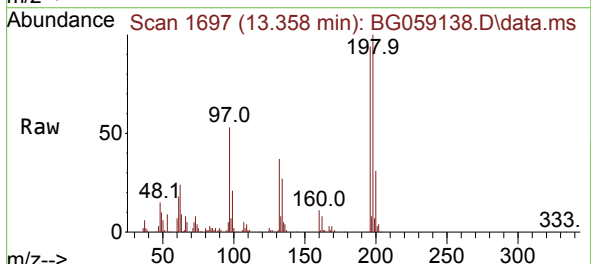
Instrument :
BNA_G
ClientSampleId :

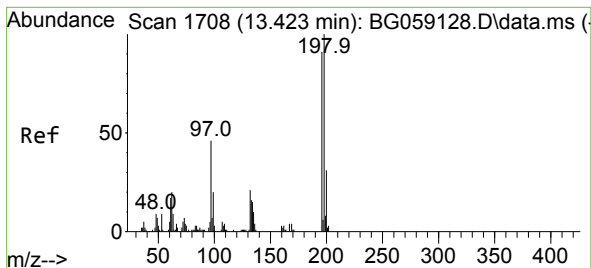
Tgt Ion	Ratio	Lower	Upper
237	100		
235	56.1	51.6	77.4
272	11.7	10.6	15.8



#41
2,4,6-Trichlorophenol
Concen: 36.334 ng/ul
RT: 13.358 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.8	78.5	117.7
200	32.7	24.4	36.6





#42

2,4,5-Trichlorophenol

Concen: 37.260 ng/ul

RT: 13.428 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

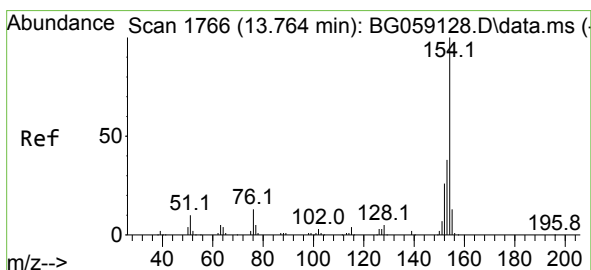
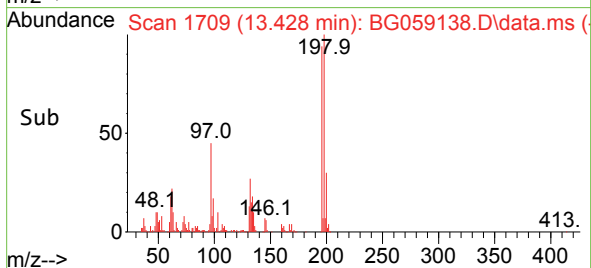
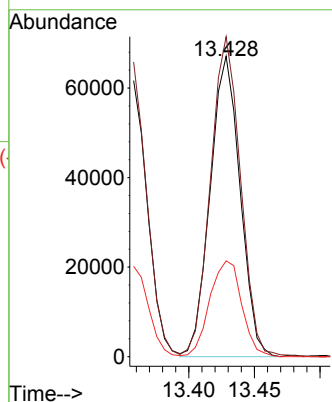
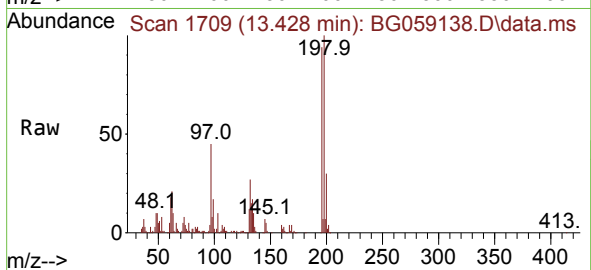
Tgt Ion:196 Resp: 106647

Ion Ratio Lower Upper

196 100

198 106.5 81.0 121.6

200 31.9 27.1 40.7



#43

1,1'-Biphenyl

Concen: 38.488 ng/ul

RT: 13.763 min Scan# 1766

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

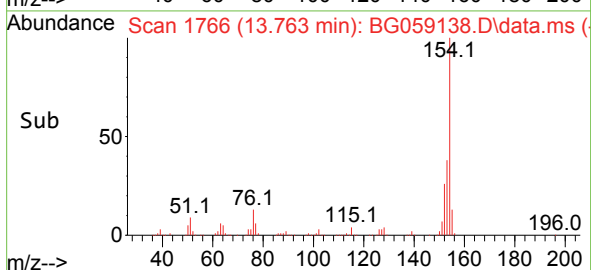
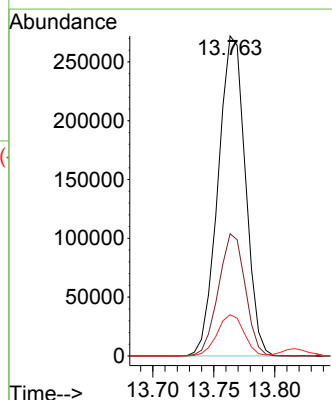
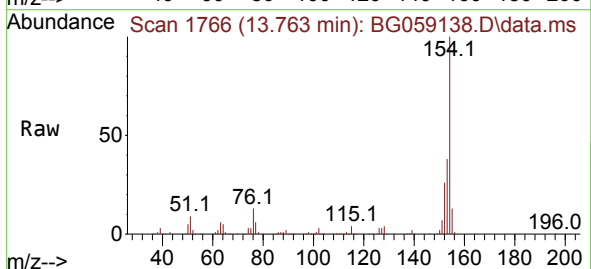
Tgt Ion:154 Resp: 424626

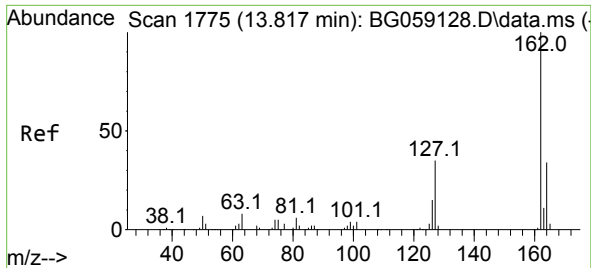
Ion Ratio Lower Upper

154 100

153 38.2 33.2 49.8

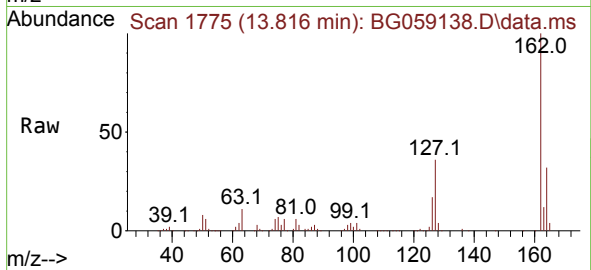
76 12.9 9.8 14.8



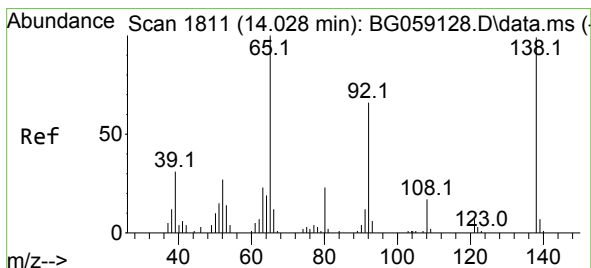
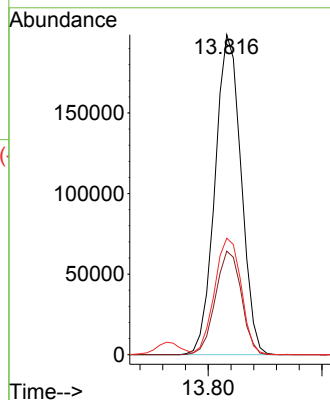
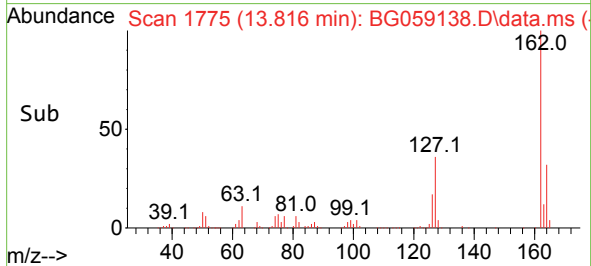


#44
2-Chloronaphthalene
Concen: 37.502 ng/ul
RT: 13.816 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

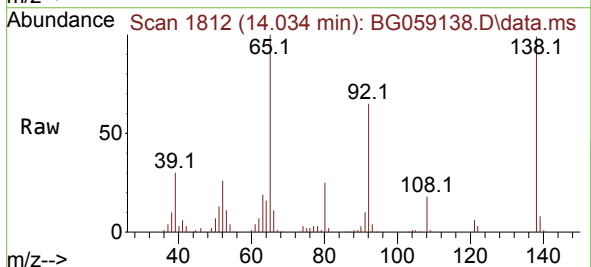
Instrument :
BNA_G
ClientSampleId :



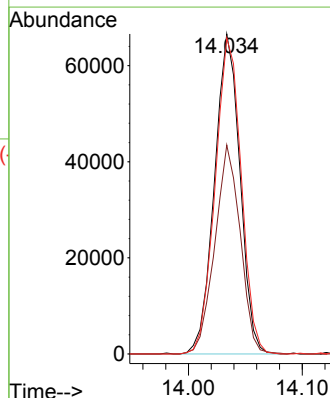
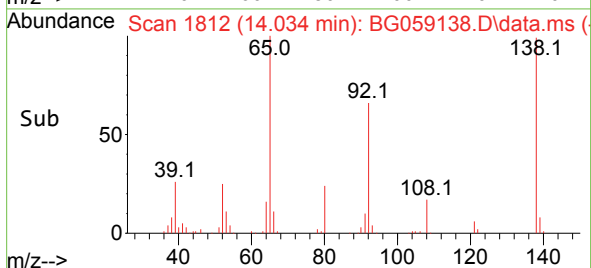
Tgt Ion:162 Resp: 315923
Ion Ratio Lower Upper
162 100
164 32.3 27.2 40.8
127 36.4 27.4 41.2

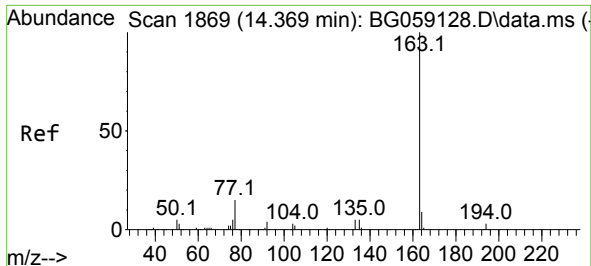


#45
2-Nitroaniline
Concen: 38.763 ng/ul
RT: 14.034 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07



Tgt Ion: 65 Resp: 103508
Ion Ratio Lower Upper
65 100
92 65.3 53.6 80.4
138 98.8 79.8 119.6





#47

Dimethylphthalate

Concen: 36.670 ng/ul

RT: 14.374 min Scan# 1870

Delta R.T. 0.005 min

Lab File: BG059138.D

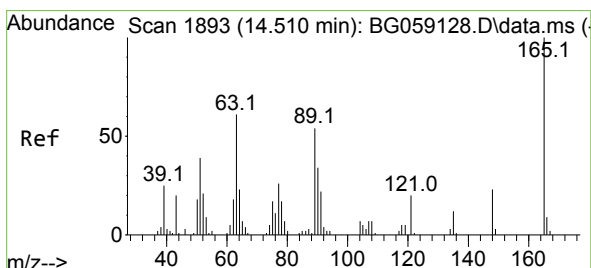
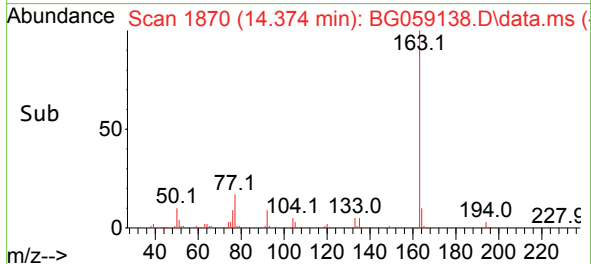
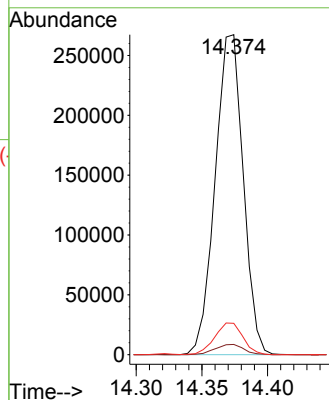
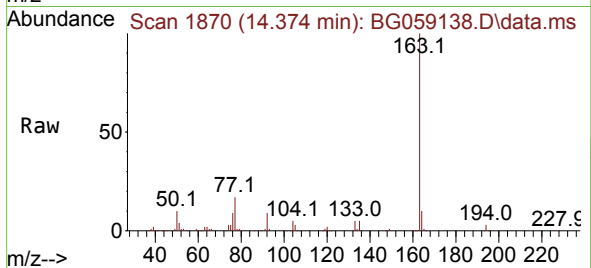
Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:163	Resp: 398146
Ion Ratio	Lower Upper
163	100
194	3.2 2.8 4.2
164	9.8 7.6 11.4



#48

2,6-Dinitrotoluene

Concen: 39.574 ng/ul

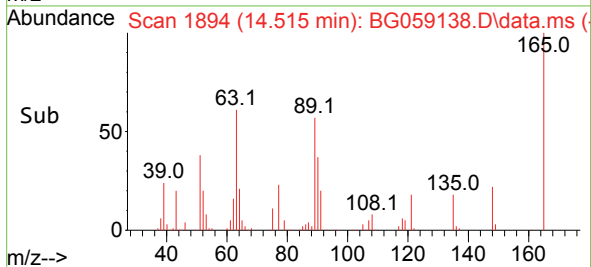
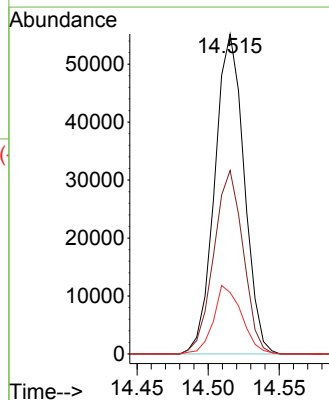
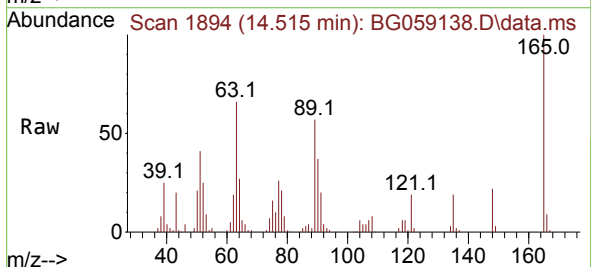
RT: 14.515 min Scan# 1894

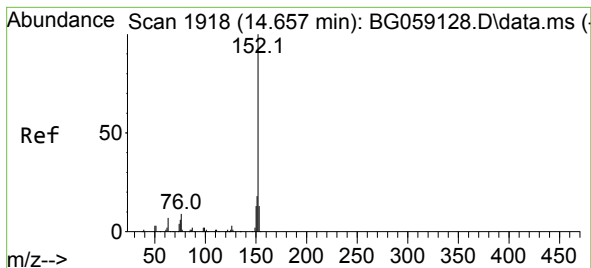
Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Tgt Ion:165	Resp: 79400
Ion Ratio	Lower Upper
165	100
89	57.4 38.7 58.1
121	19.2 13.4 20.0





#50

Acenaphthylene

Concen: 35.090 ng/ul

RT: 14.662 min Scan# 1919

Delta R.T. 0.005 min

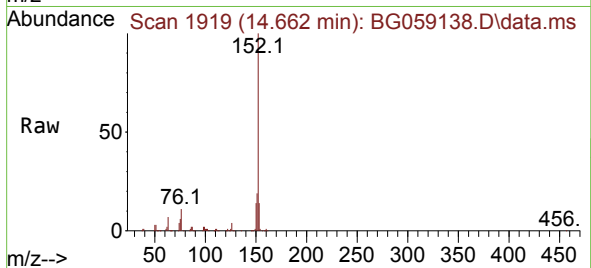
Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :



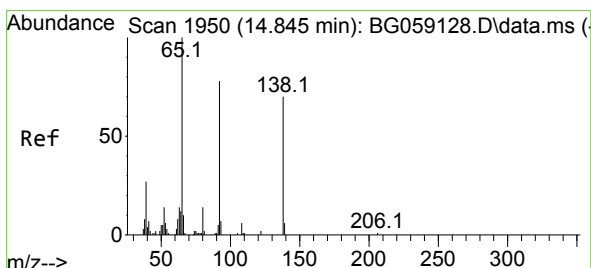
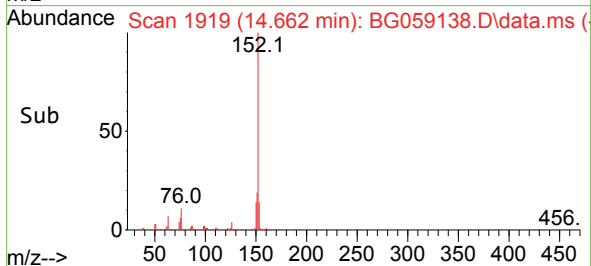
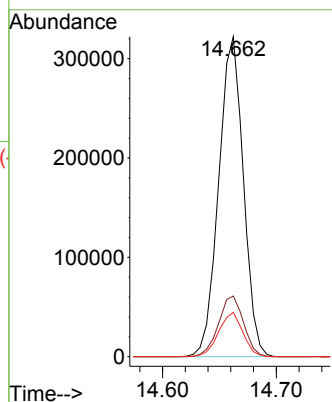
Tgt Ion:152 Resp: 485137

Ion Ratio Lower Upper

152 100

151 18.9 15.8 23.6

153 13.9 11.3 16.9



#51

3-Nitroaniline

Concen: 38.567 ng/ul

RT: 14.850 min Scan# 1951

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

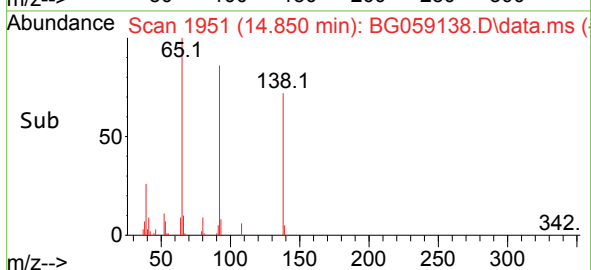
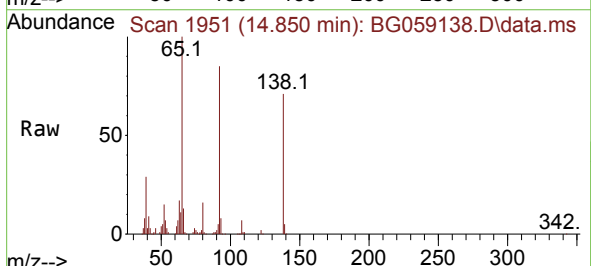
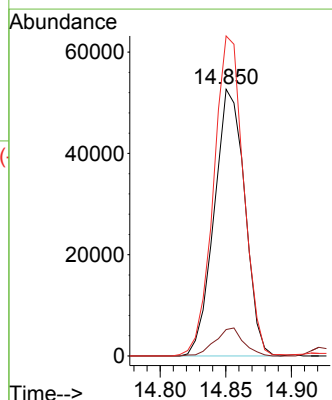
Tgt Ion:138 Resp: 85379

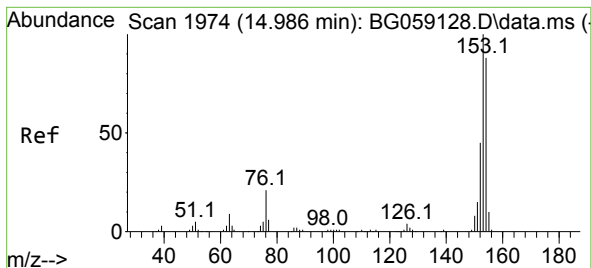
Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.2

92 120.0 93.4 140.0





#52

Acenaphthene

Concen: 37.216 ng/ul

RT: 14.991 min Scan# 1975

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

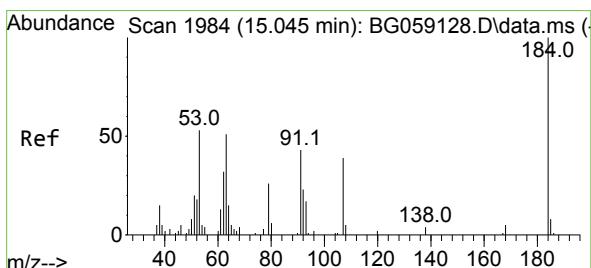
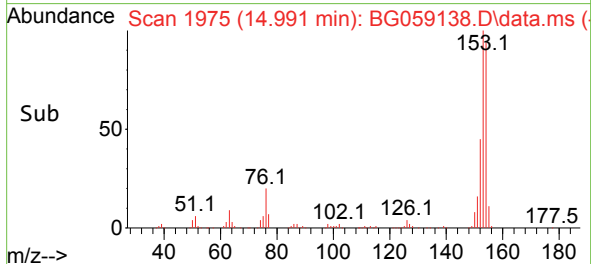
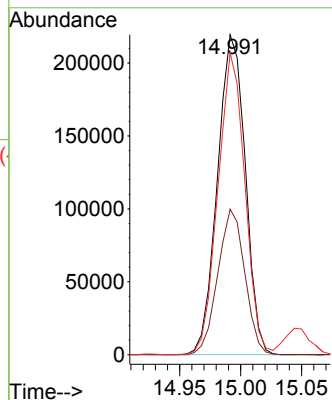
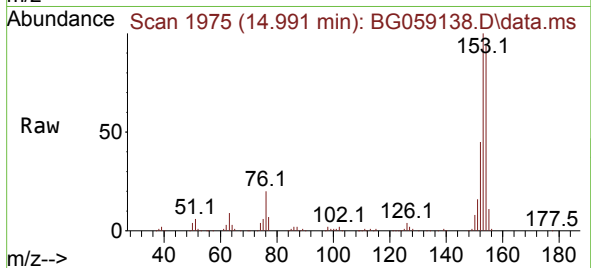
Tgt Ion:153 Resp: 348922

Ion Ratio Lower Upper

153 100

152 45.5 36.0 54.0

154 94.4 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 42.553 ng/ul

RT: 15.044 min Scan# 1984

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

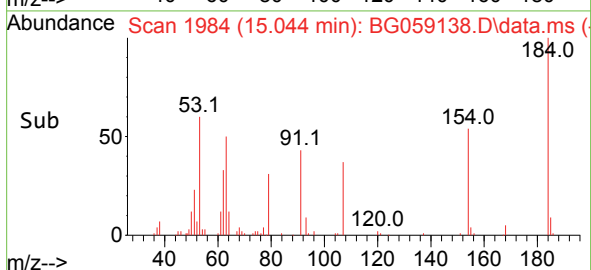
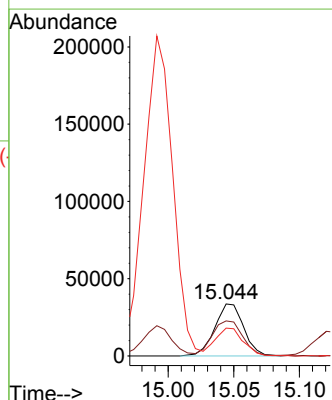
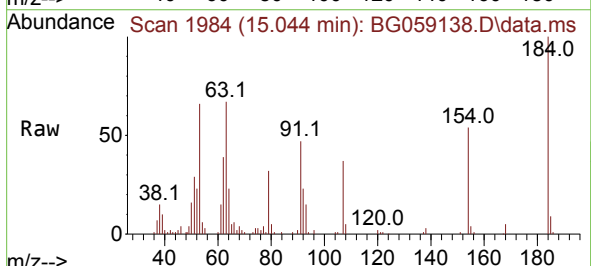
Tgt Ion:184 Resp: 51444

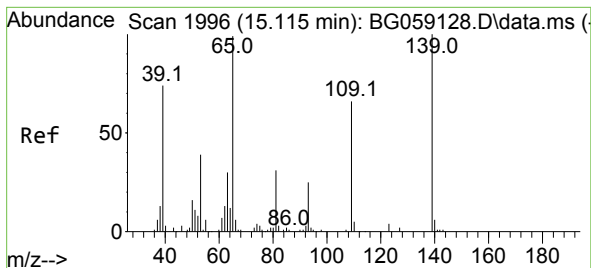
Ion Ratio Lower Upper

184 100

63 67.4 53.5 80.3

154 53.6 54.6 81.8#

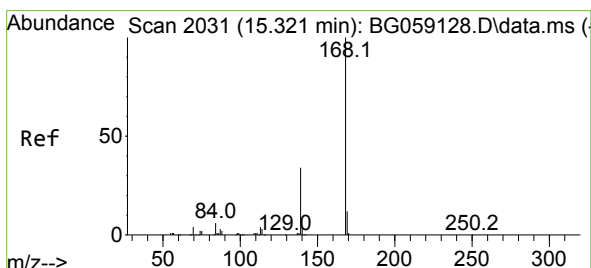
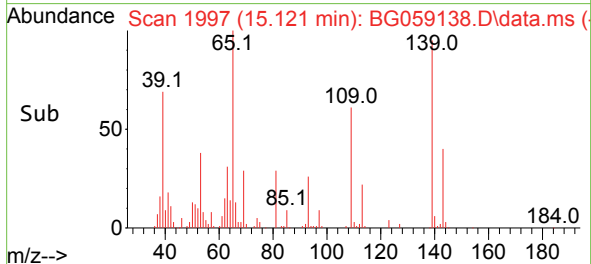
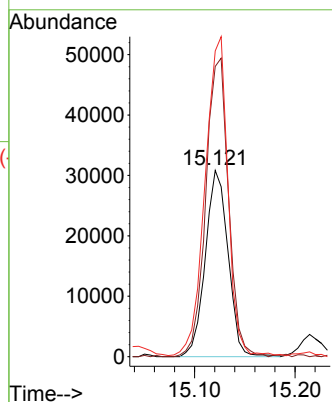
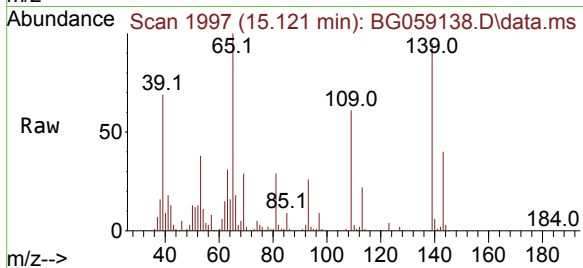




#55
4-Nitrophenol
Concen: 37.857 ng/ul
RT: 15.121 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

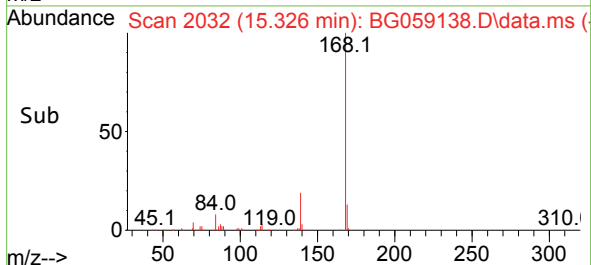
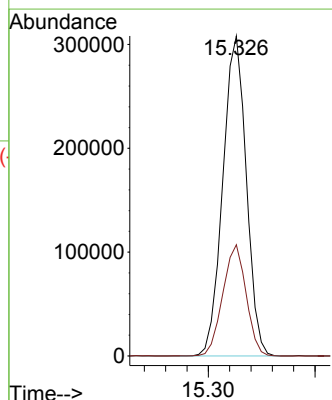
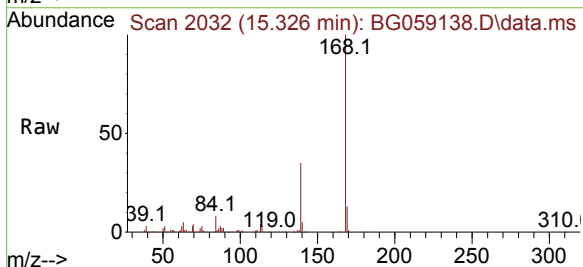
Instrument :
BNA_G
ClientSampleId :

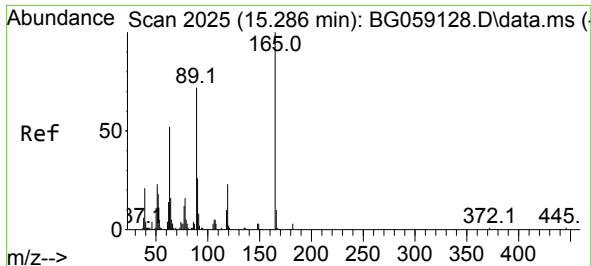
Tgt Ion:109 Resp: 48524
Ion Ratio Lower Upper
109 100
139 155.8 114.5 171.7
65 164.1 132.1 198.1



#56
Dibenzofuran
Concen: 37.853 ng/ul
RT: 15.326 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:168 Resp: 470720
Ion Ratio Lower Upper
168 100
139 34.8 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 39.155 ng/ul

RT: 15.291 min Scan# 2025

Delta R.T. 0.005 min

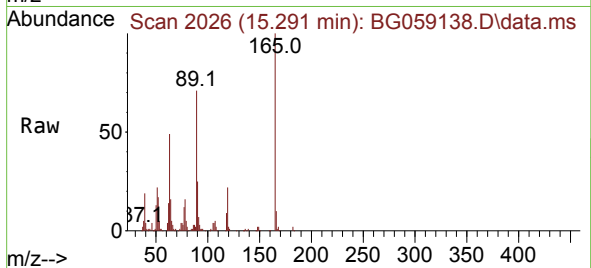
Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :



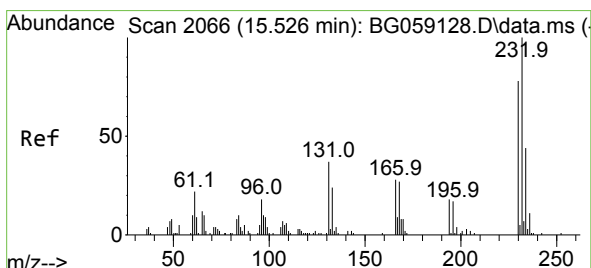
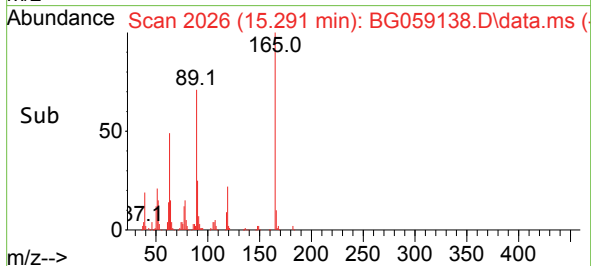
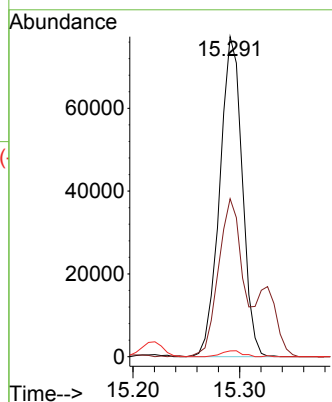
Tgt Ion:165 Resp: 113259

Ion Ratio Lower Upper

165 100

63 49.3 40.0 60.0

182 1.8 2.1 3.1#



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.831 ng/ul

RT: 15.532 min Scan# 2067

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Tgt Ion:232 Resp: 86984

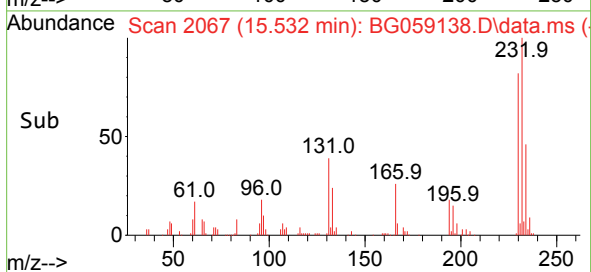
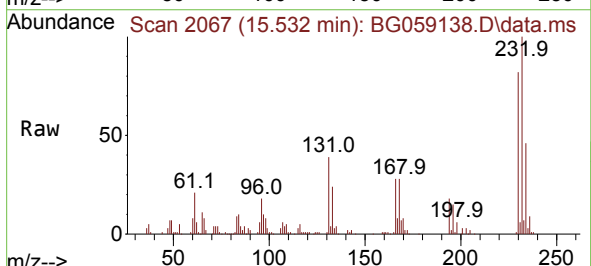
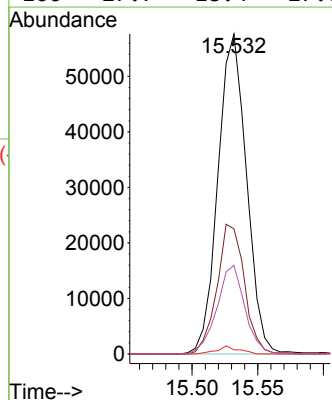
Ion Ratio Lower Upper

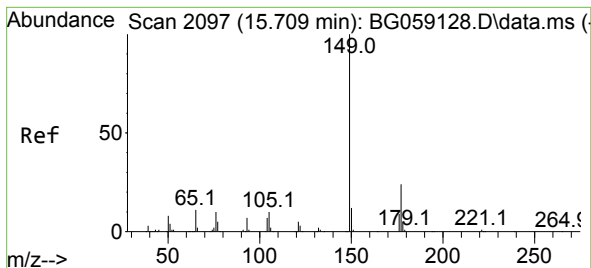
232 100

131 39.1 25.8 38.8#

130 1.3 1.8 2.6#

166 27.7 18.4 27.6#





#59

Diethylphthalate

Concen: 35.039 ng/ul

RT: 15.720 min Scan# 2099

Delta R.T. 0.005 min

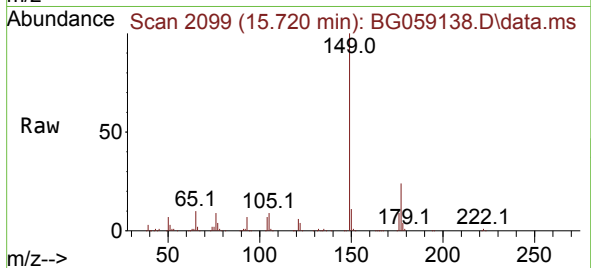
Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

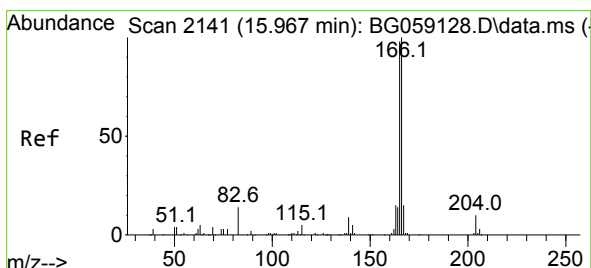
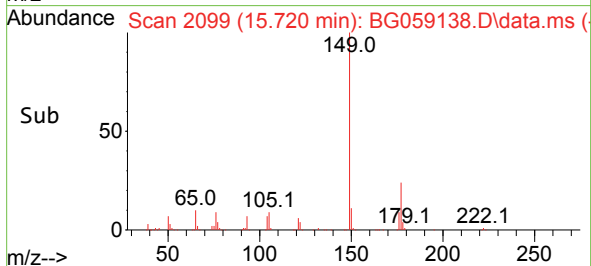
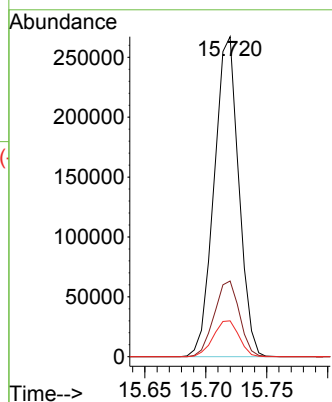
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	149	Resp:	374874
Ion Ratio	Lower	Upper	
149	100		
177	23.7	19.4	29.2
150	11.2	9.8	14.8



#61

Fluorene

Concen: 35.759 ng/ul

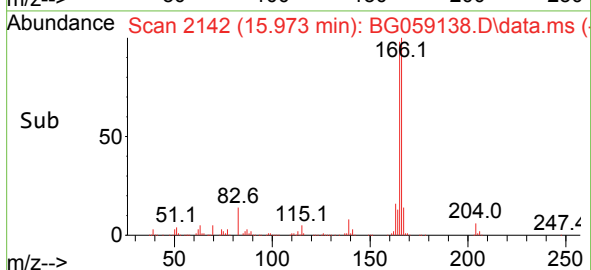
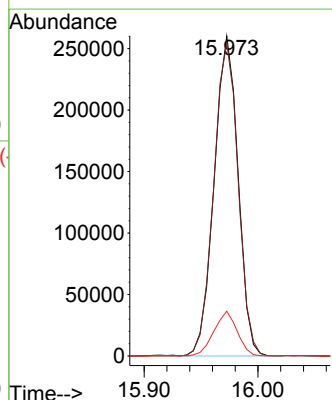
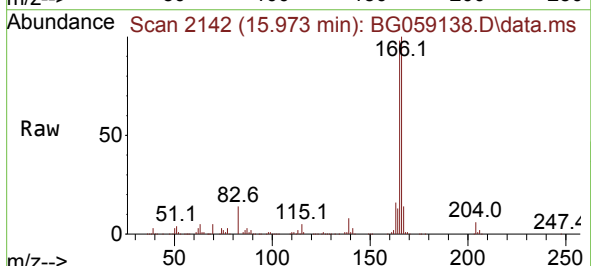
RT: 15.973 min Scan# 2142

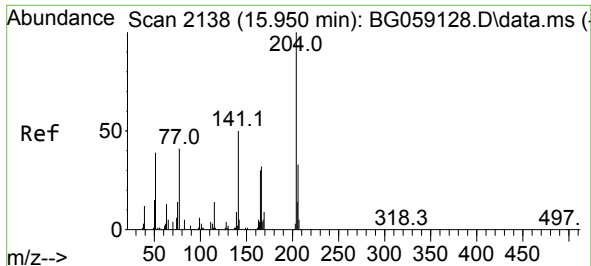
Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Tgt Ion:	166	Resp:	379701
Ion Ratio	Lower	Upper	
166	100		
165	97.8	81.6	122.4
167	14.0	12.1	18.1

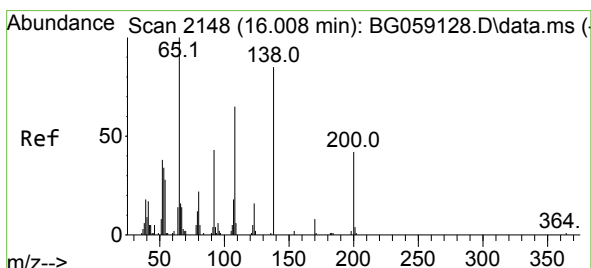
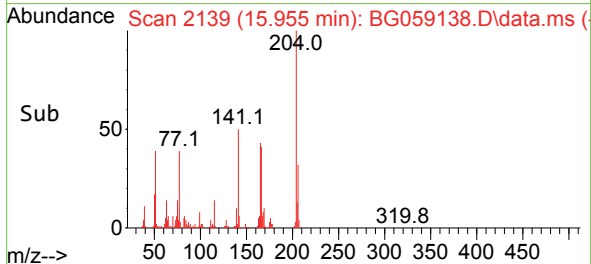
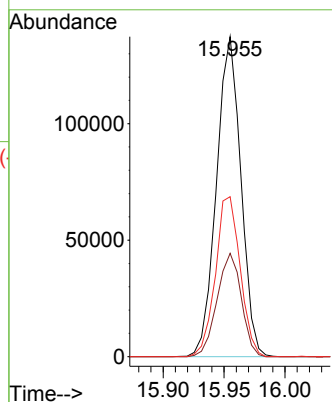
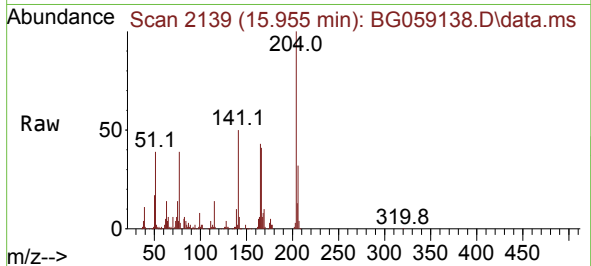




#62
4-Chlorophenyl-phenylether
Concen: 36.310 ng/ul
RT: 15.955 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

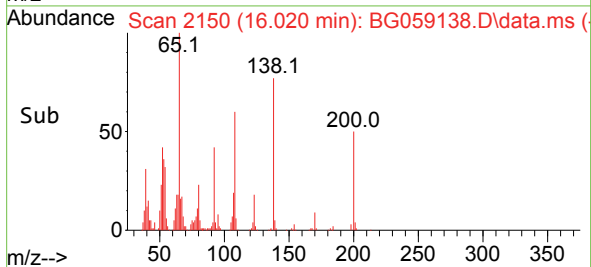
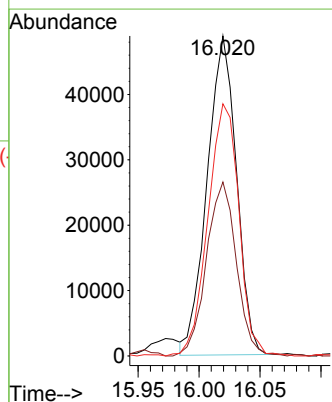
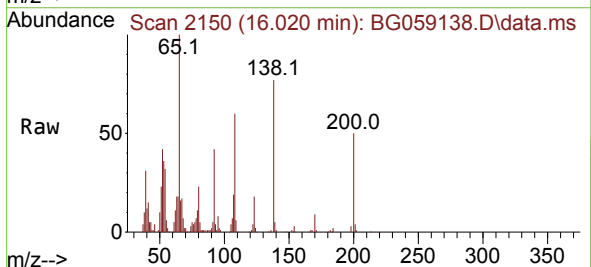
Instrument :
BNA_G
ClientSampleId :

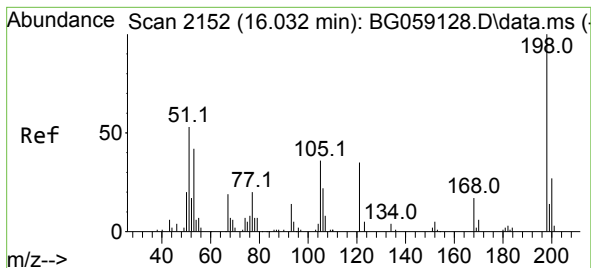
Tgt Ion:204 Resp: 191356
Ion Ratio Lower Upper
204 100
206 32.3 28.2 42.2
141 50.0 43.4 65.0



#63
4-Nitroaniline
Concen: 39.820 ng/ul
RT: 16.020 min Scan# 2150
Delta R.T. 0.011 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

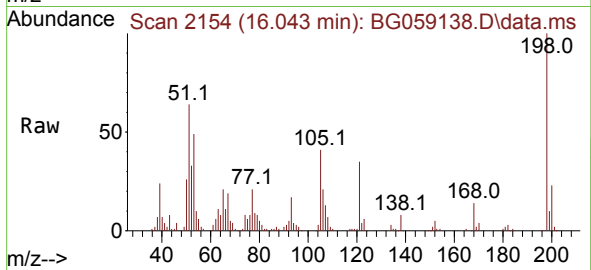
Tgt Ion:138 Resp: 81717
Ion Ratio Lower Upper
138 100
92 54.3 39.0 58.6
108 78.8 53.5 80.3



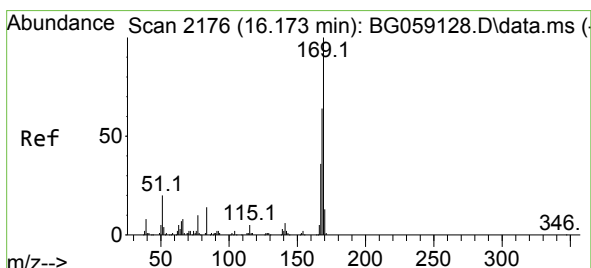
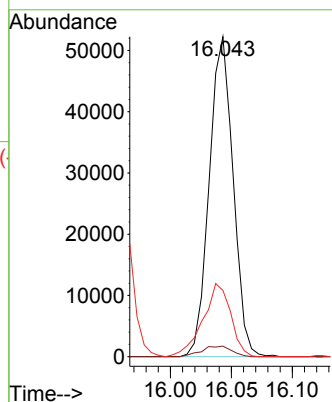
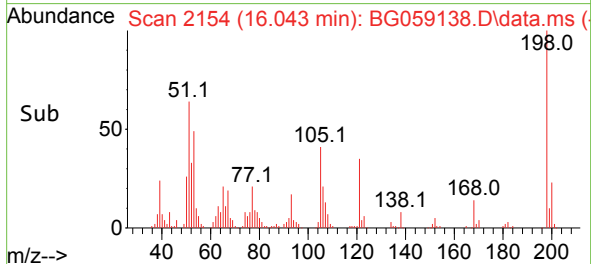


#66
 4,6-Dinitro-2-methylphenol
 Concen: 39.905 ng/ul
 RT: 16.043 min Scan# 2154
 Delta R.T. 0.005 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

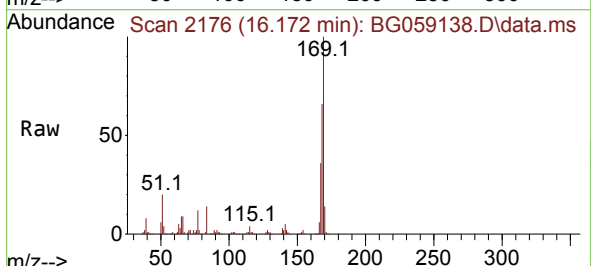
Instrument :
 BNA_G
 ClientSampleId :



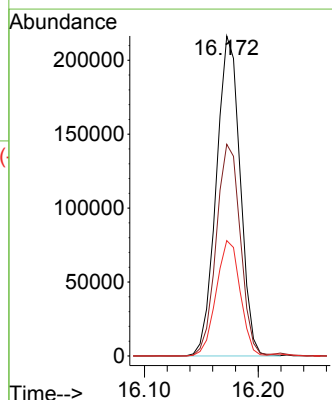
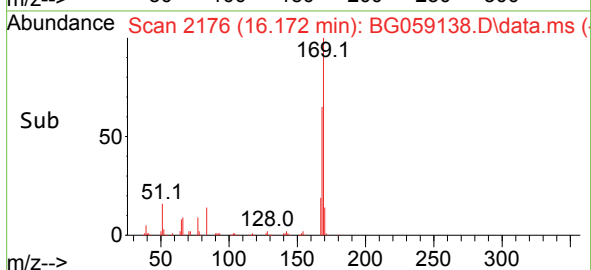
Tgt Ion:198 Resp: 71153
 Ion Ratio Lower Upper
 198 100
 182 3.3 3.5 5.3#
 77 20.7 17.3 25.9

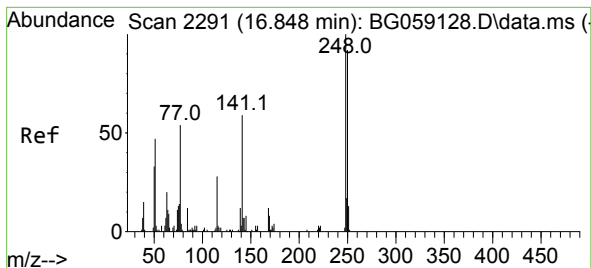


#67
 N-Nitrosodiphenylamine
 Concen: 40.663 ng/ul
 RT: 16.172 min Scan# 2176
 Delta R.T. -0.001 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07



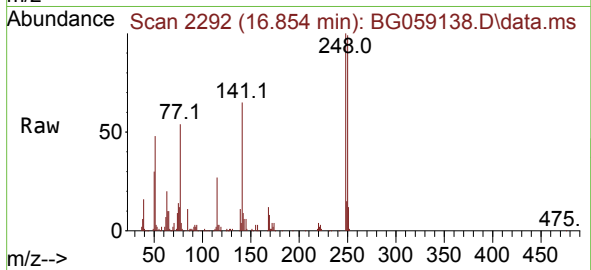
Tgt Ion:169 Resp: 315018
 Ion Ratio Lower Upper
 169 100
 168 66.1 52.1 78.1
 167 36.0 30.5 45.7



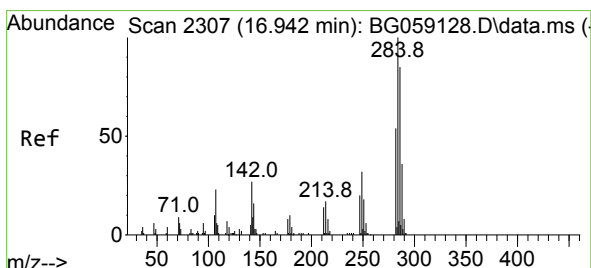
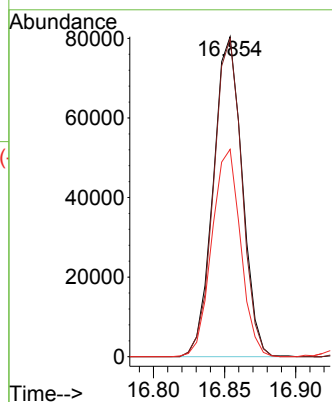
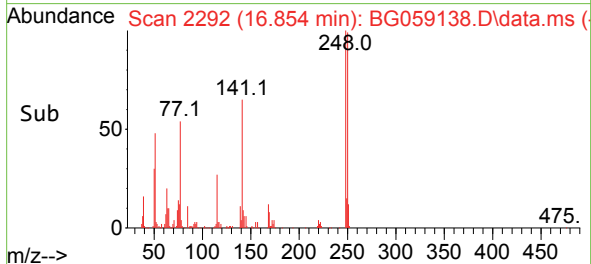


#68
4-Bromophenyl-phenylether
Concen: 40.121 ng/ul
RT: 16.854 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Instrument :
BNA_G
ClientSampleId :

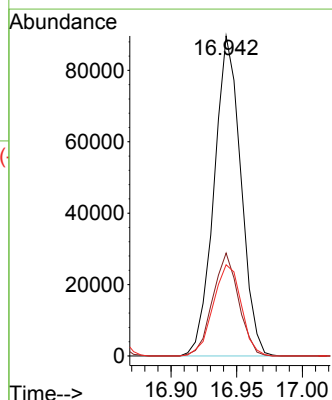
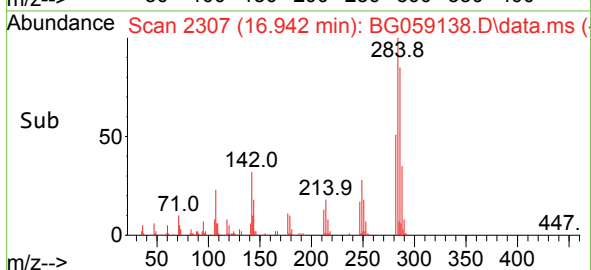
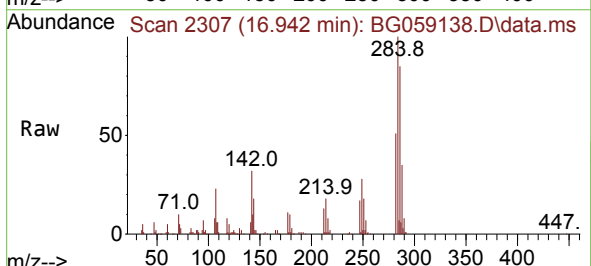


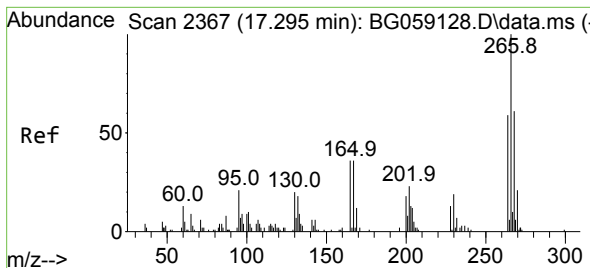
Tgt Ion:248 Resp: 113583
Ion Ratio Lower Upper
248 100
250 99.4 81.8 122.8
141 64.8 50.0 75.0



#69
Hexachlorobenzene
Concen: 39.225 ng/ul
RT: 16.942 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:284 Resp: 127195
Ion Ratio Lower Upper
284 100
142 32.2 23.2 34.8
249 28.5 27.8 41.8





#71

Pentachlorophenol

Concen: 31.981 ng/ul

RT: 17.294 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

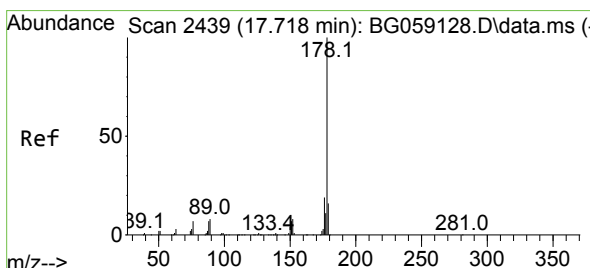
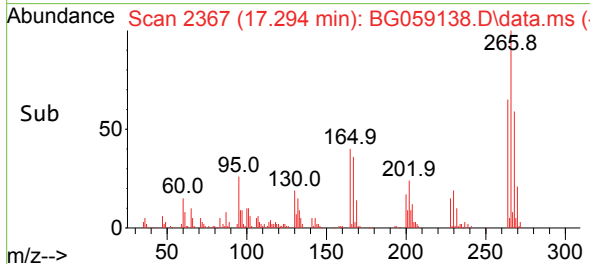
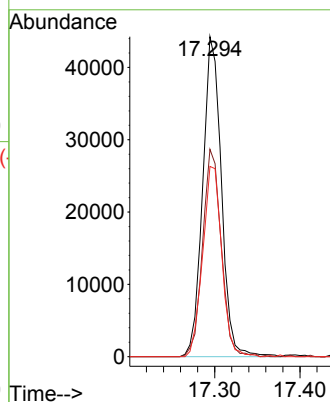
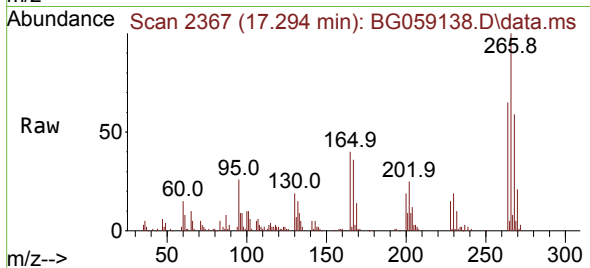
Tgt Ion:266 Resp: 67362

Ion Ratio Lower Upper

266 100

264 64.8 50.6 76.0

268 59.5 56.4 84.6



#72

Phenanthrene

Concen: 38.229 ng/ul

RT: 17.723 min Scan# 2440

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

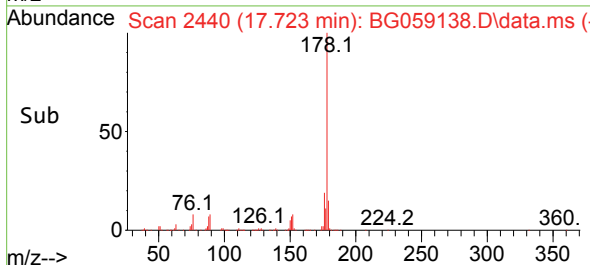
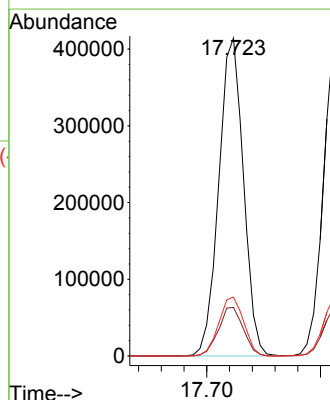
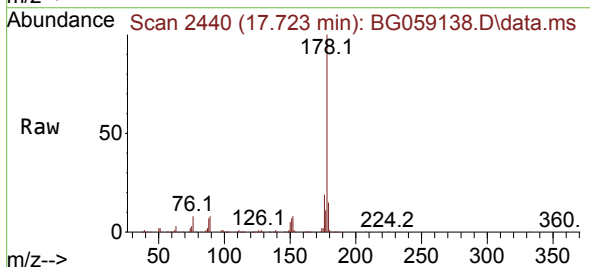
Tgt Ion:178 Resp: 622502

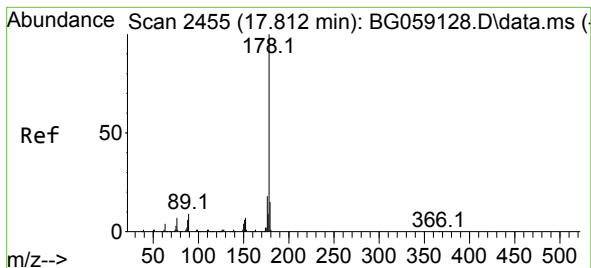
Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

176 18.5 14.6 21.8





#74

Anthracene

Concen: 37.138 ng/uI

RT: 17.812 min Scan# 2455

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

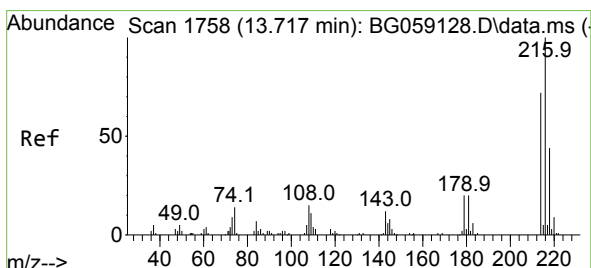
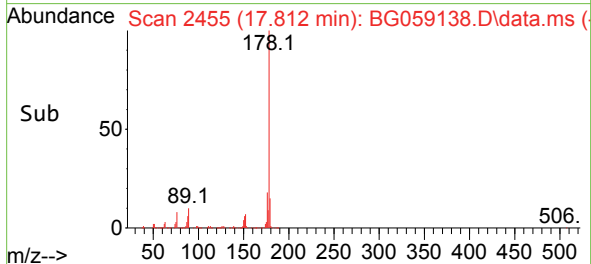
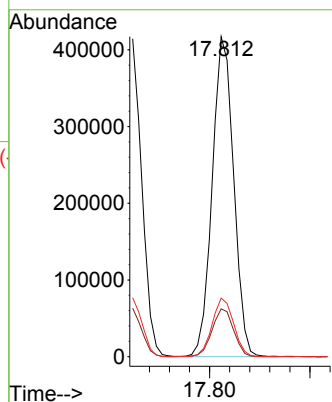
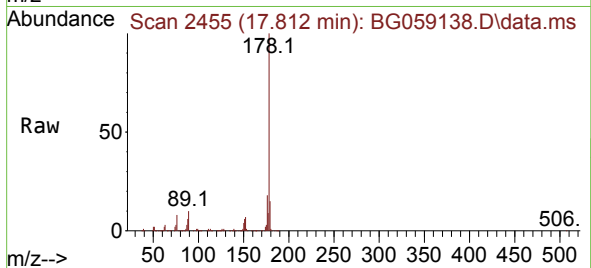
Tgt Ion:178 Resp: 617916

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

176 18.3 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.947 ng/uI

RT: 13.722 min Scan# 1759

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

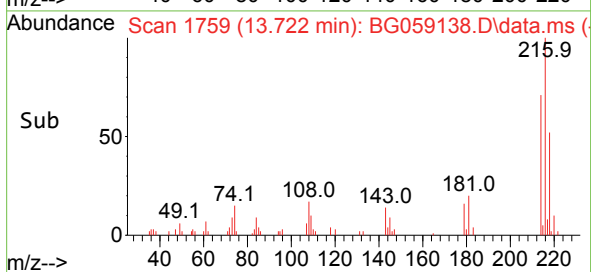
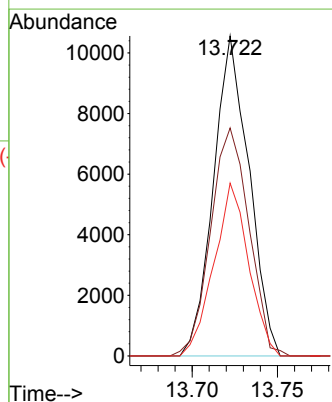
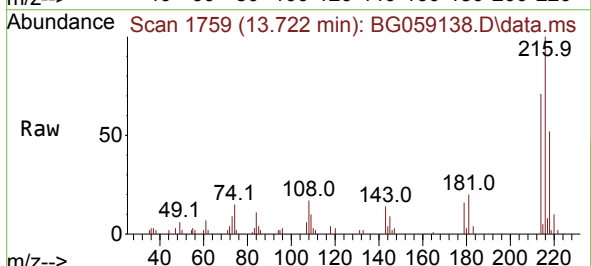
Tgt Ion:216 Resp: 15310

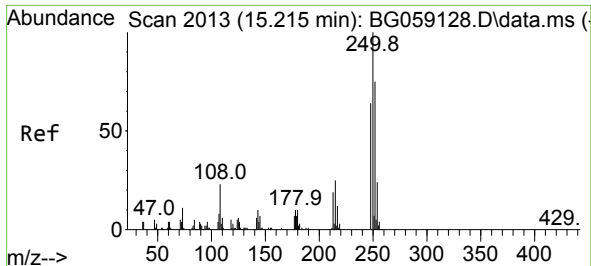
Ion Ratio Lower Upper

216 100

214 71.2 69.9 104.9

218 54.0 39.4 59.0

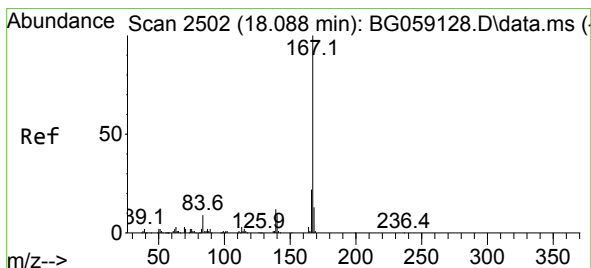
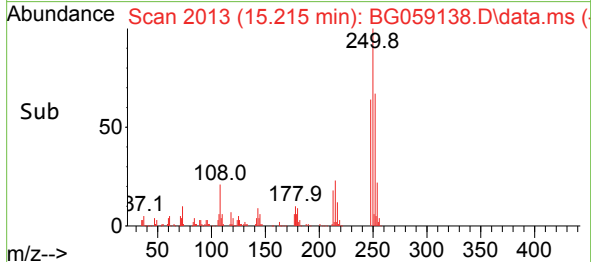
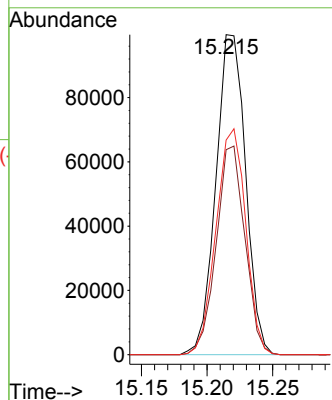
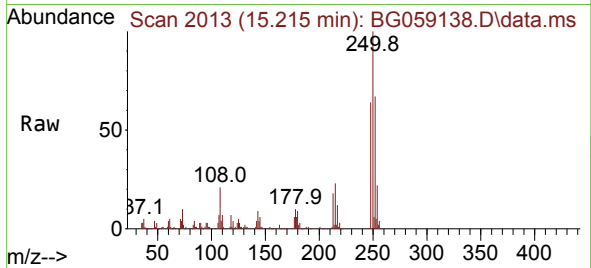




#76
 Pentachlorobenzene
 Concen: 43.714 ng/uL
 RT: 15.215 min Scan# 2013
 Delta R.T. -0.001 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

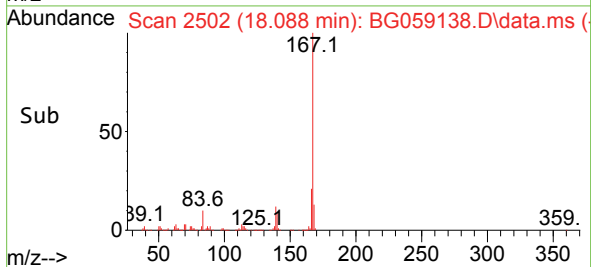
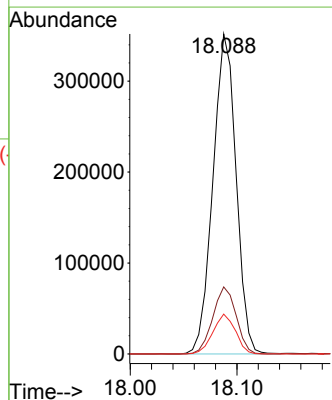
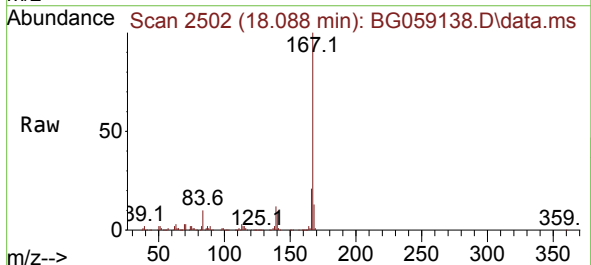
Instrument :
 BNA_G
 ClientSampleId :

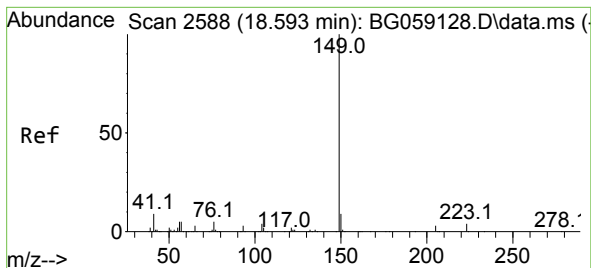
Tgt Ion:250 Resp: 156856
 Ion Ratio Lower Upper
 250 100
 248 64.0 52.5 78.7
 252 67.1 59.4 89.2



#77
 Carbazole
 Concen: 38.338 ng/uL
 RT: 18.088 min Scan# 2502
 Delta R.T. -0.001 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

Tgt Ion:167 Resp: 530322
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.7 25.1
 139 12.4 9.4 14.0





#78

Di-n-butylphthalate

Concen: 37.466 ng/ul

RT: 18.593 min Scan# 21

Delta R.T. -0.001 min

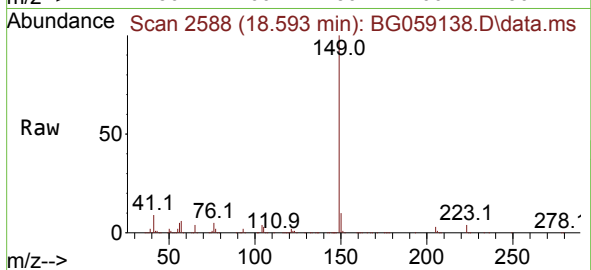
Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :



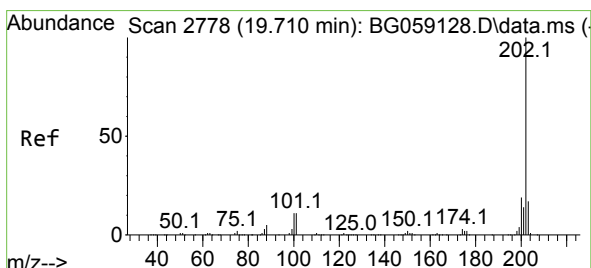
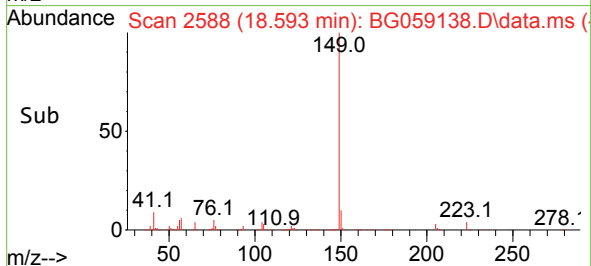
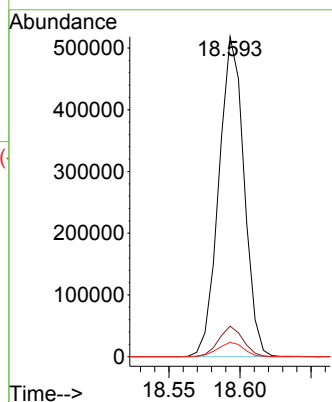
Tgt Ion:149 Resp: 638455

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.5 3.5 5.3



#80

Fluoranthene

Concen: 40.087 ng/ul

RT: 19.715 min Scan# 2779

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

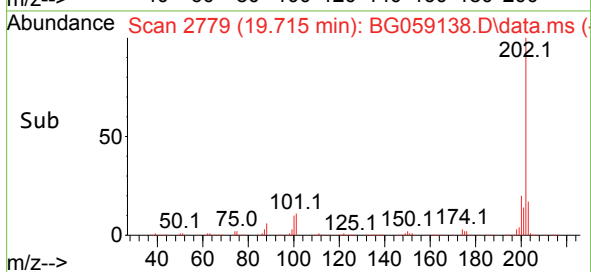
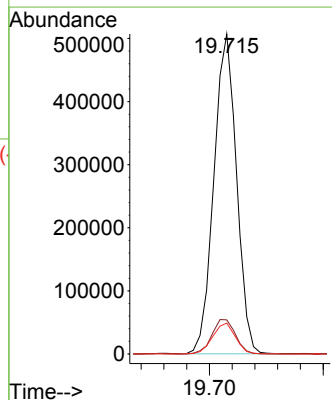
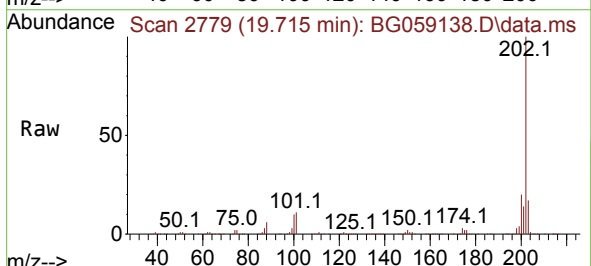
Tgt Ion:202 Resp: 701549

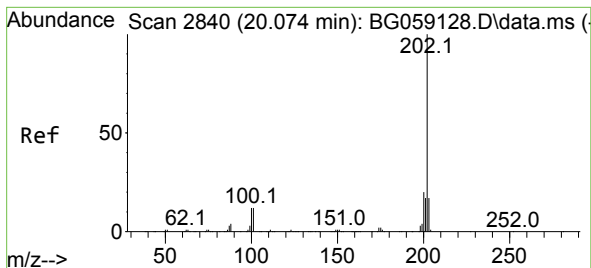
Ion Ratio Lower Upper

202 100

101 10.7 9.2 13.8

100 9.7 7.7 11.5





#82

Pyrene

Concen: 39.409 ng/ul

RT: 20.079 min Scan# 2840

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

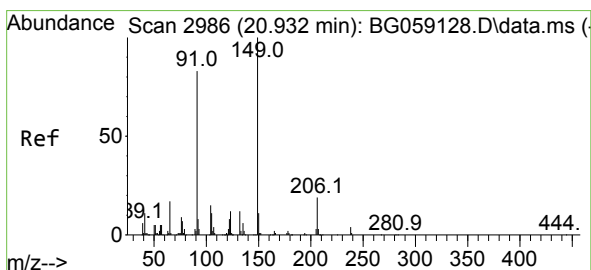
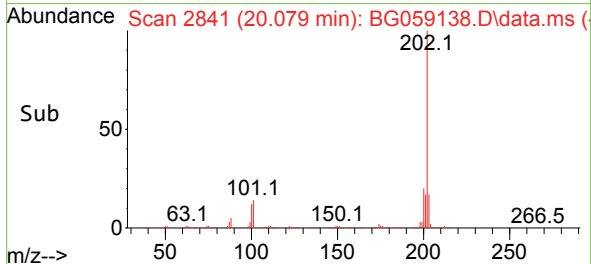
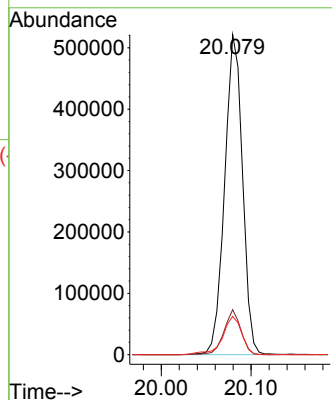
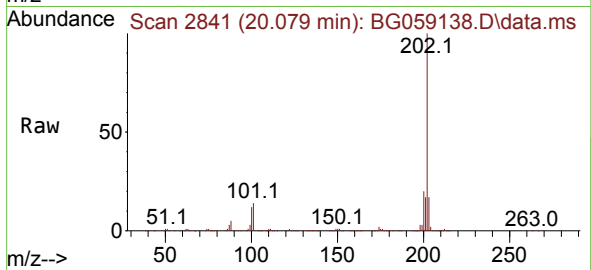
Tgt Ion:202 Resp: 719413

Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.4

100 12.0 10.1 15.1



#83

Butylbenzylphthalate

Concen: 40.538 ng/ul

RT: 20.937 min Scan# 2987

Delta R.T. -0.001 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

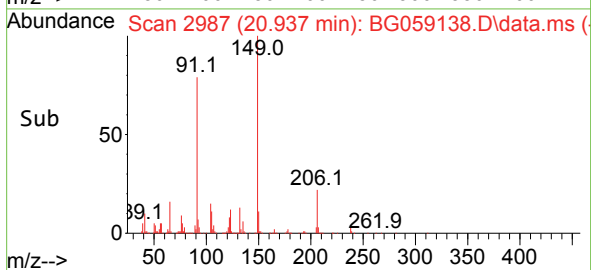
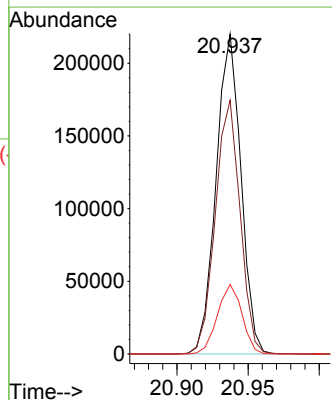
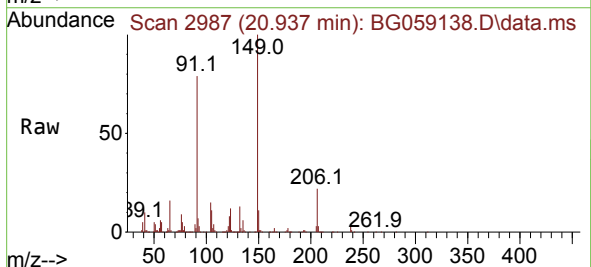
Tgt Ion:149 Resp: 267302

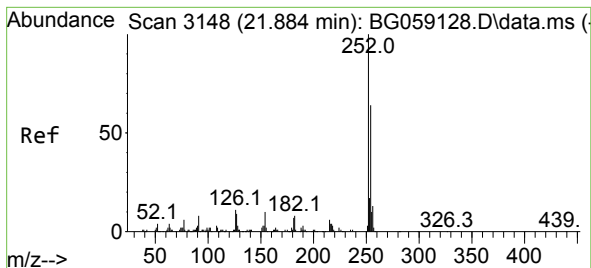
Ion Ratio Lower Upper

149 100

91 79.3 61.2 91.8

206 21.7 15.8 23.6





#84

3,3'-Dichlorobenzidine

Concen: 38.658 ng/ul

RT: 21.889 min Scan# 3148

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

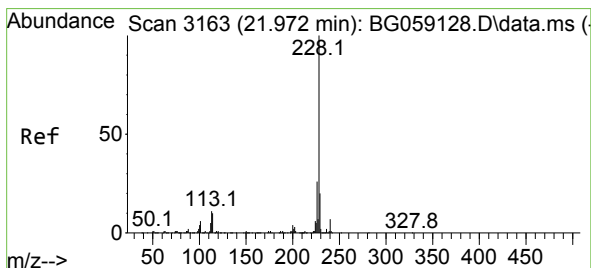
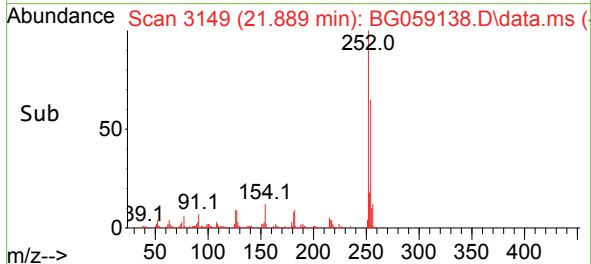
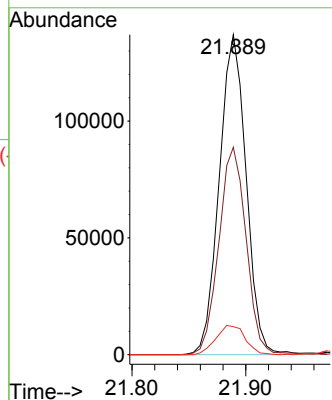
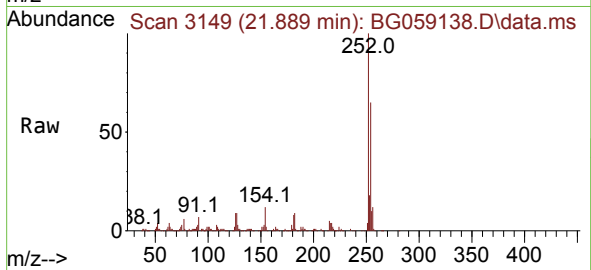
Tgt Ion:252 Resp: 224457

Ion Ratio Lower Upper

252 100

254 64.8 52.4 78.6

126 8.8 8.2 12.2



#85

Benzo(a)anthracene

Concen: 38.119 ng/ul

RT: 21.977 min Scan# 3164

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

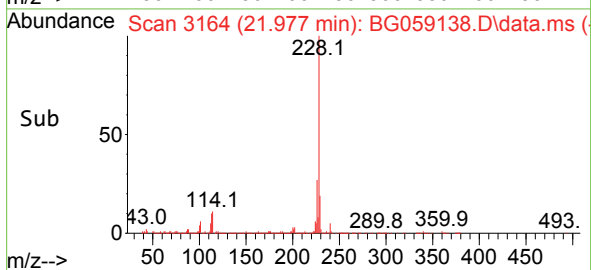
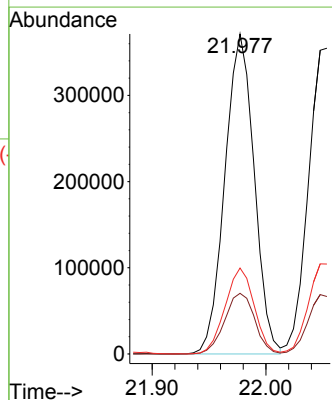
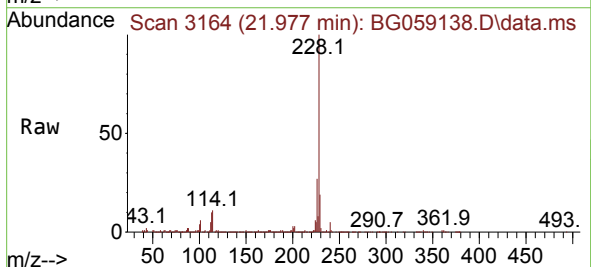
Tgt Ion:228 Resp: 664974

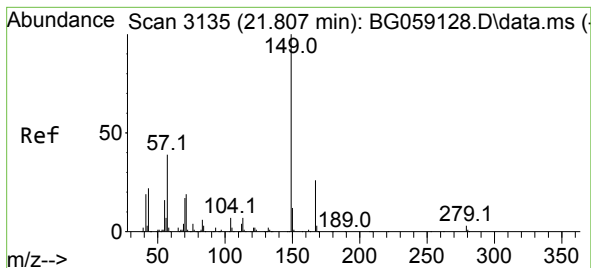
Ion Ratio Lower Upper

228 100

229 18.9 16.1 24.1

226 26.9 20.6 30.8

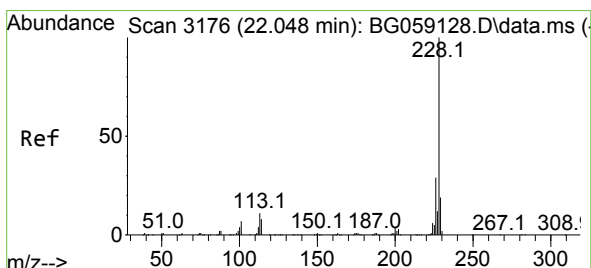
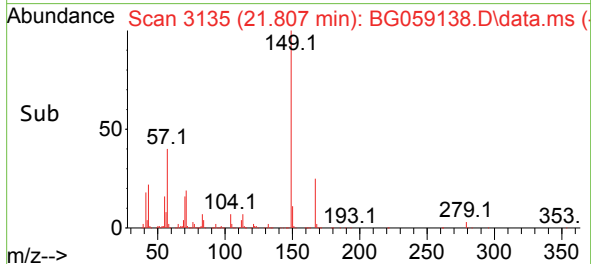
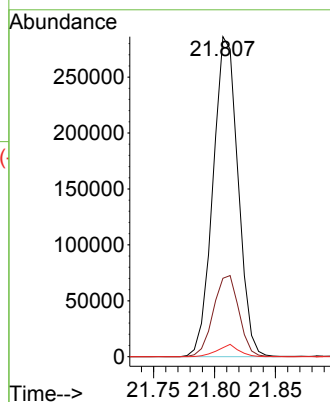
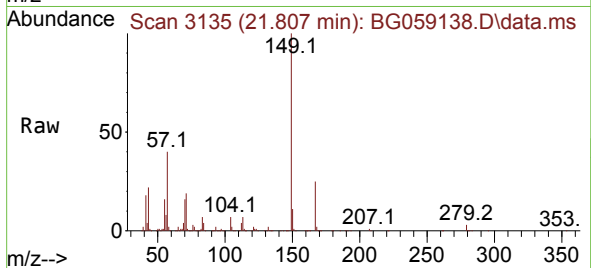




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 41.424 ng/ul
 RT: 21.807 min Scan# 3135
 Delta R.T. -0.007 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

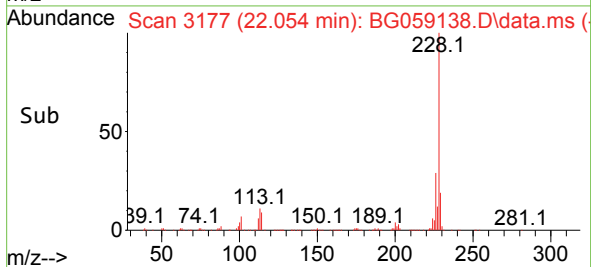
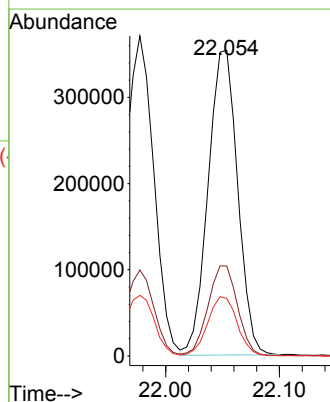
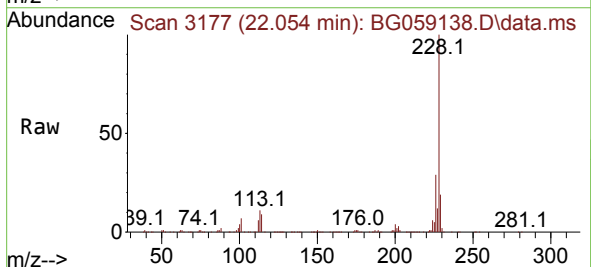
Instrument :
 BNA_G
 ClientSampleId :

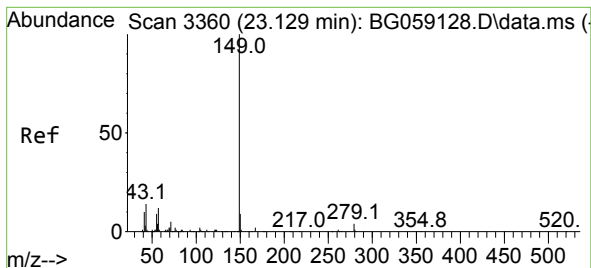
Tgt Ion:149 Resp: 408679
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.2 30.4
 279 2.8 3.2 4.8#



#87
 Chrysene
 Concen: 39.252 ng/ul
 RT: 22.054 min Scan# 3177
 Delta R.T. 0.005 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

Tgt Ion:228 Resp: 638571
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.3 34.9
 229 18.8 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 41.539 ng/ul

RT: 23.135 min Scan# 3361

Delta R.T. -0.001 min

Lab File: BG059138.D

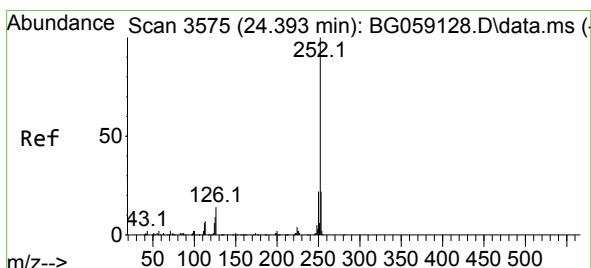
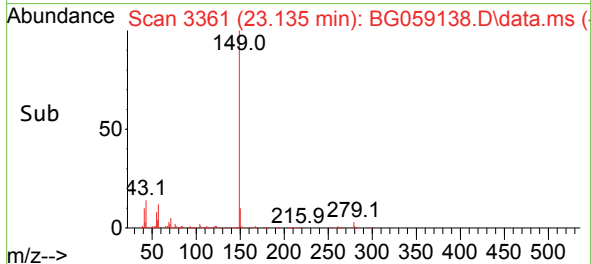
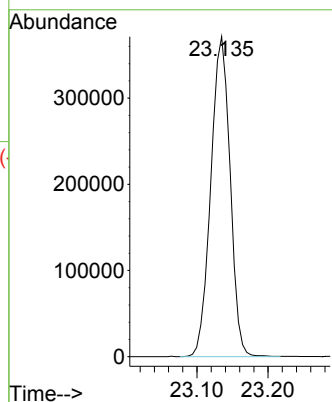
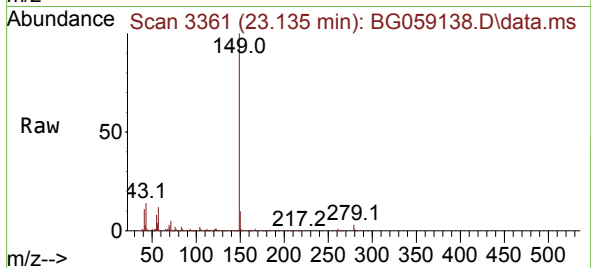
Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 699354



#90

Benzo(b)fluoranthene

Concen: 42.514 ng/ul

RT: 24.398 min Scan# 3576

Delta R.T. 0.005 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

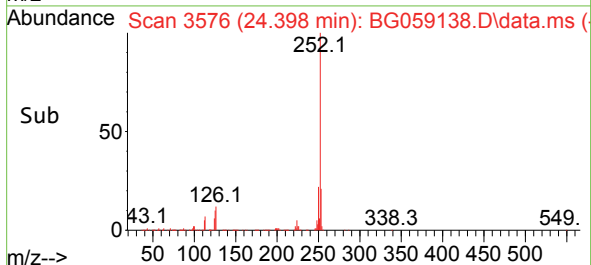
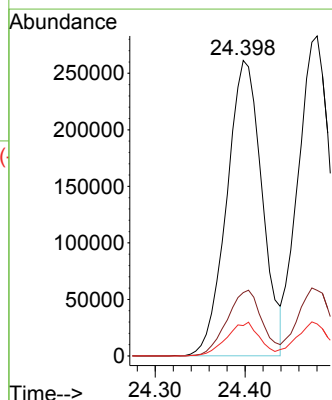
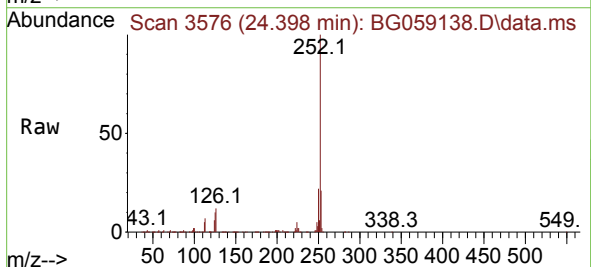
Tgt Ion:252 Resp: 713393

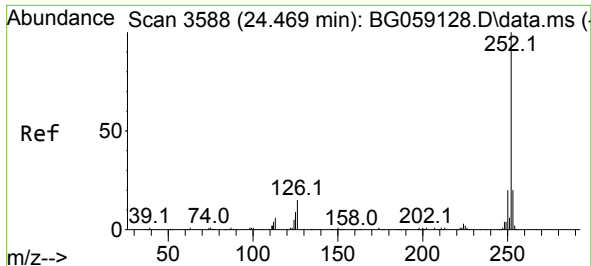
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

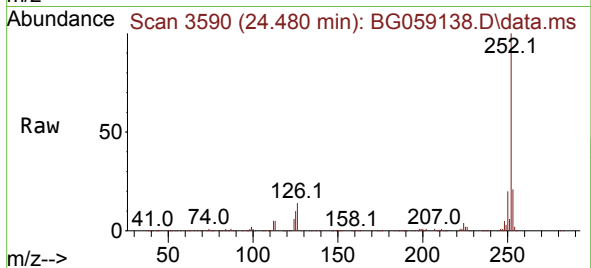
125 10.3 8.6 13.0



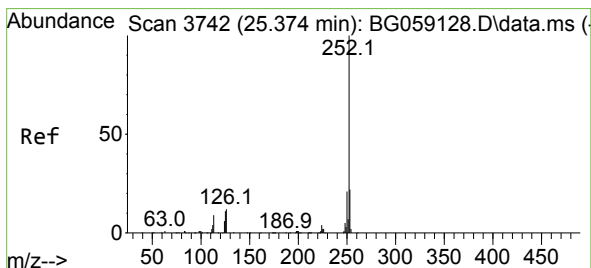
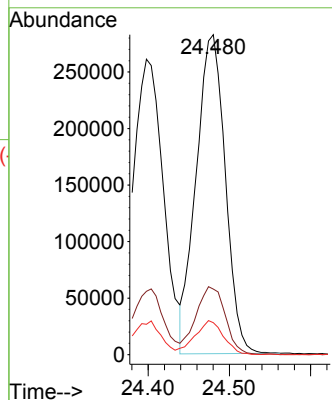


#91
Benzo(k)fluoranthene
Concen: 40.382 ng/ul
RT: 24.480 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Instrument :
BNA_G
ClientSampleId :

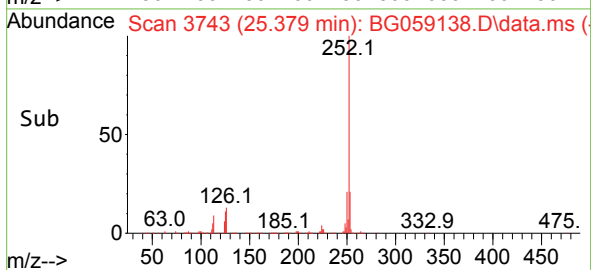
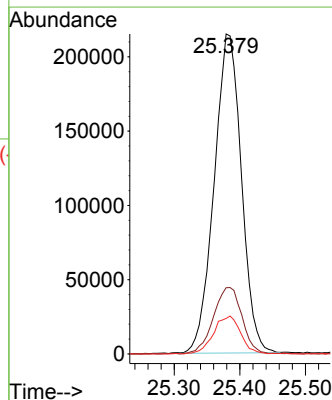
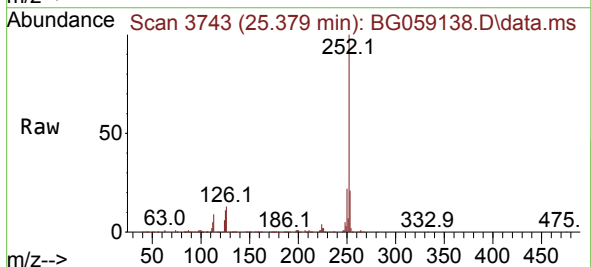


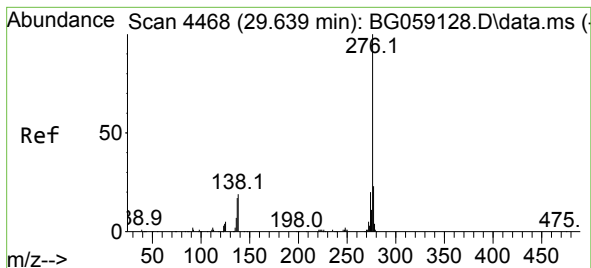
Tgt Ion:252 Resp: 702554
Ion Ratio Lower Upper
252 100
253 20.5 16.5 24.7
125 10.0 7.9 11.9



#93
Benzo(a)pyrene
Concen: 38.379 ng/ul
RT: 25.379 min Scan# 3743
Delta R.T. 0.005 min
Lab File: BG059138.D
Acq: 21 Sep 2023 11:07

Tgt Ion:252 Resp: 618924
Ion Ratio Lower Upper
252 100
253 20.7 17.6 26.4
125 11.1 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 40.997 ng/ul

RT: 29.668 min Scan# 4473

Delta R.T. 0.029 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

Instrument :

BNA_G

ClientSampleId :

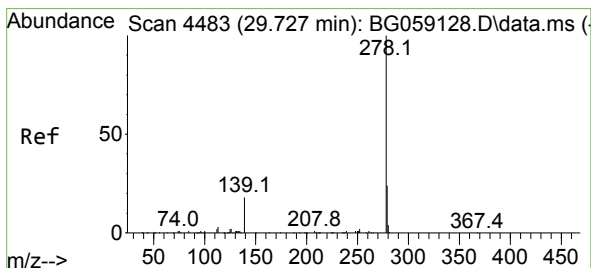
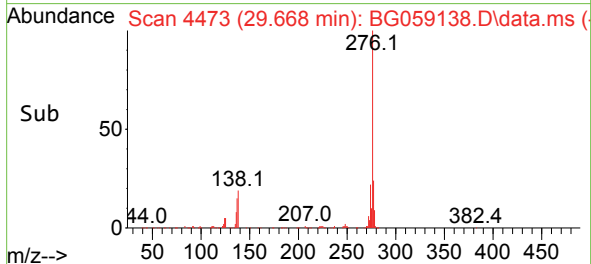
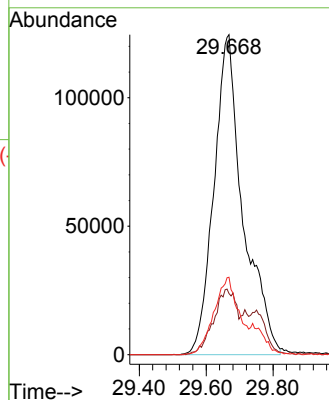
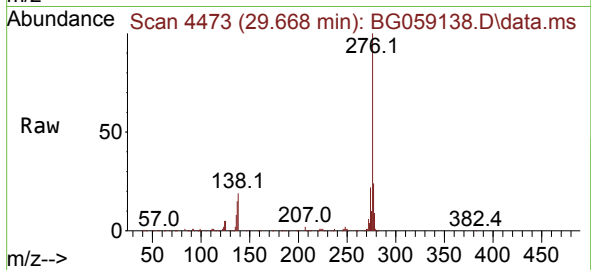
Tgt Ion:276 Resp: 751919

Ion Ratio Lower Upper

276 100

138 19.1 17.1 25.7

277 24.2 20.4 30.6



#95

Dibenzo(a,h)anthracene

Concen: 42.428 ng/ul

RT: 29.750 min Scan# 4487

Delta R.T. 0.017 min

Lab File: BG059138.D

Acq: 21 Sep 2023 11:07

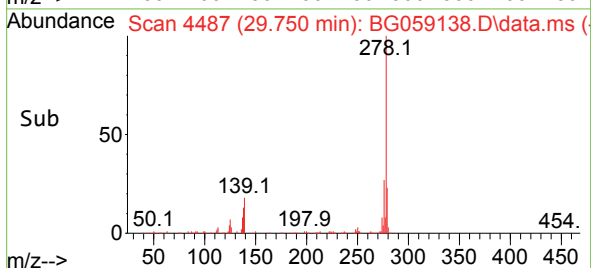
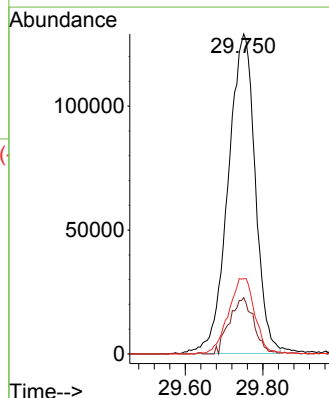
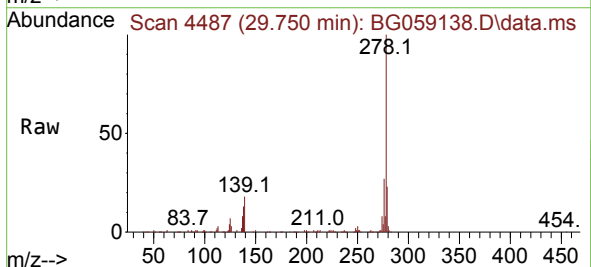
Tgt Ion:278 Resp: 625352

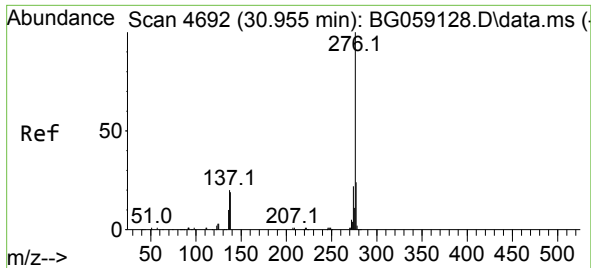
Ion Ratio Lower Upper

278 100

139 17.6 13.8 20.6

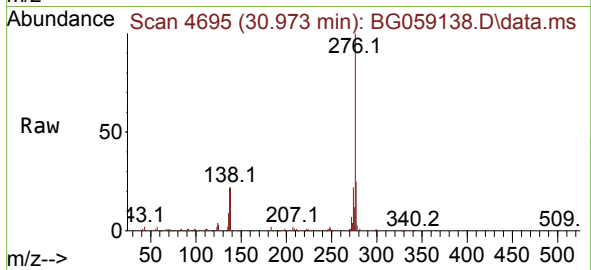
279 23.5 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 40.376 ng/ul
 RT: 30.973 min Scan# 40
 Delta R.T. 0.011 min
 Lab File: BG059138.D
 Acq: 21 Sep 2023 11:07

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:276 Resp: 596535
 Ion Ratio Lower Upper
 276 100
 138 22.1 16.9 25.3
 277 24.7 19.3 28.9

