

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059238.D
 Acq On : 28 Sep 2023 17:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJN0

Quant Time: Sep 29 00:42:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	49654	20.000	ng/ul	0.00
20) Naphthalene-d8	11.076	136	268326	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	169387	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	379299	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	351072	20.000	ng/ul	0.00
88) Perylene-d12	25.400	264	415387	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	10298	7.827	ng/uL	0.00
4) Pyridine-d5	3.966	84	83547	21.764	ng/ul	0.00
7) Phenol-d5	7.357	99	111137	22.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	72209	22.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	83306	24.934	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	85163	22.166	ng/ul	0.00
21) Nitrobenzene-d5	9.431	128	41865	22.110	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	44994	24.206	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	86270	22.593	ng/ul	0.00
31) 4-Chloroaniline-d4	11.217	131	131082	21.217	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	257531	21.029	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	320043	20.820	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	45611	21.328	ng/ul	0.00
60) Fluorene-d10	15.852	176	240320	20.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	37893	19.436	ng/ul	0.00
73) Anthracene-d10	17.715	188	359911	20.825	ng/ul	0.00
81) Pyrene-d10	19.989	212	401463	20.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.153	264	410770	20.578	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.567	88	11640	7.531	ng/uL#	78
5) Pyridine	3.984	79	84833	21.763	ng/ul#	91
6) Benzaldehyde	7.374	77	51948	23.800	ng/ul	94
8) Phenol	7.386	94	111377	22.526	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.650	93	92324	22.768	ng/ul	98
12) 2-Chlorophenol	7.785	128	84691	24.041	ng/ul	97
13) 2-Methylphenol	8.661	108	82759	22.154	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.737	45	203853	22.740	ng/ul#	97
16) Acetophenone	9.072	105	136993	23.023	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.037	70	70004	23.193	ng/ul#	95
18) 4-Methylphenol	8.990	108	92293	23.318	ng/ul	94
19) Hexachloroethane	9.313	117	32146	23.163	ng/ul	92
22) Nitrobenzene	9.472	77	98323	21.036	ng/ul	98
23) Isophorone	9.983	82	203119	20.208	ng/ul	97
25) 2-Nitrophenol	10.183	139	48639	23.749	ng/ul#	91
26) 2,4-Dimethylphenol	10.206	107	93789	21.417	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.465	93	132782	20.937	ng/ul	99
29) 2,4-Dichlorophenol	10.706	162	83976	22.124	ng/ul	98
30) Naphthalene	11.129	128	299741	20.834	ng/ul	98
32) 4-Chloroaniline	11.246	127	122702	20.769	ng/ul	89
33) Hexachlorobutadiene	11.352	225	52464	20.652	ng/ul	97
34) Caprolactam	12.022	113	28064	21.368	ng/ul	91
35) 4-Chloro-3-methylphenol	12.321	107	87205	21.532	ng/ul	99
36) 2-Methylnaphthalene	12.709	142	195277	20.719	ng/ul	100

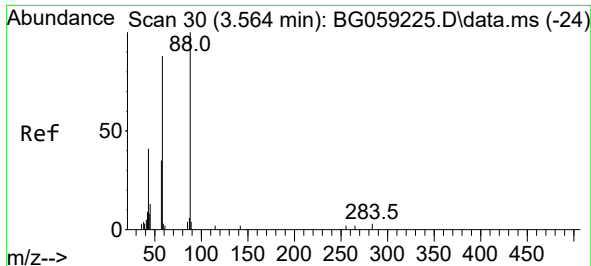
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.926	142	201383	21.053	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.056	216	102412	20.195	ng/ul	99
40) Hexachlorocyclopentadiene	13.009	237	63077	20.164	ng/ul	96
41) 2,4,6-Trichlorophenol	13.297	196	67293	21.674	ng/ul	93
42) 2,4,5-Trichlorophenol	13.373	196	70578	21.664	ng/ul	99
43) 1,1'-Biphenyl	13.702	154	282603	20.658	ng/ul	97
44) 2-Chloronaphthalene	13.755	162	209316	20.322	ng/ul	92
45) 2-Nitroaniline	13.972	65	65941	22.697	ng/ul	98
47) Dimethylphthalate	14.307	163	256179	20.423	ng/ul	97
48) 2,6-Dinitrotoluene	14.454	165	47964	22.482	ng/ul	92
50) Acenaphthylene	14.601	152	340125	20.729	ng/ul	98
51) 3-Nitroaniline	14.795	138	52828	22.938	ng/ul	96
52) Acenaphthene	14.930	153	230386	20.456	ng/ul	96
55) 4-Nitrophenol	15.071	109	31002	20.551	ng/ul	96
56) Dibenzofuran	15.265	168	310804	20.819	ng/ul	99
57) 2,4-Dinitrotoluene	15.230	165	70271	22.245	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.471	232	63442	21.511	ng/ul	95
59) Diethylphthalate	15.659	149	247945	20.446	ng/ul	95
61) Fluorene	15.911	166	258623	20.632	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.894	204	128774	20.608	ng/ul	97
63) 4-Nitroaniline	15.952	138	46681	22.024	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.982	198	42257	20.556	ng/ul#	91
67) N-Nitrosodiphenylamine	16.111	169	210237	20.794	ng/ul	97
68) 4-Bromophenyl-phenylether	16.793	248	75936	20.665	ng/ul	97
69) Hexachlorobenzene	16.881	284	86621	20.866	ng/ul	95
70) Atrazine	17.045	200	82161	21.371	ng/ul#	95
71) Pentachlorophenol	17.239	266	51957	21.747	ng/ul	91
72) Phenanthrene	17.656	178	425462	20.440	ng/ul	97
74) Anthracene	17.750	178	453003	21.076	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.661	216	107260	21.459	ng/uL	94
76) Pentachlorobenzene	15.159	250	102083	20.684	ng/uL	98
77) Carbazole	18.026	167	370087	21.126	ng/ul	97
78) Di-n-butylphthalate	18.532	149	444153	21.389	ng/ul	97
80) Fluoranthene	19.654	202	491377	20.288	ng/ul	98
82) Pyrene	20.018	202	516165	20.120	ng/ul	98
83) Butylbenzylphthalate	20.870	149	193411	21.379	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.810	252	171462	21.089	ng/ul	96
85) Benzo(a)anthracene	21.898	228	505597	20.458	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.728	149	287575	20.934	ng/ul#	99
87) Chrysene	21.969	228	477051	20.438	ng/ul	97
89) Di-n-octyl phthalate	23.026	149	496549	20.554	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	514317	20.215	ng/ul	99
91) Benzo(k)fluoranthene	24.343	252	524169	20.333	ng/ul	99
93) Benzo(a)pyrene	25.230	252	486395	20.153	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.413	276	232280	8.502	ng/ul	98
96) Benzo(g,h,i)perylene	30.694	276	276624	12.452	ng/ul	95

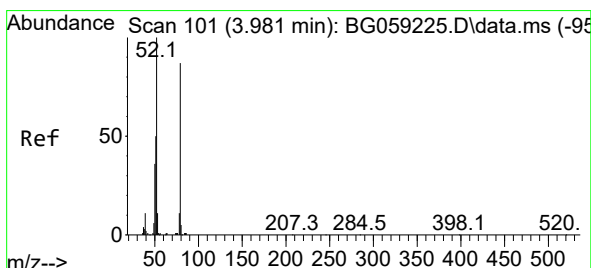
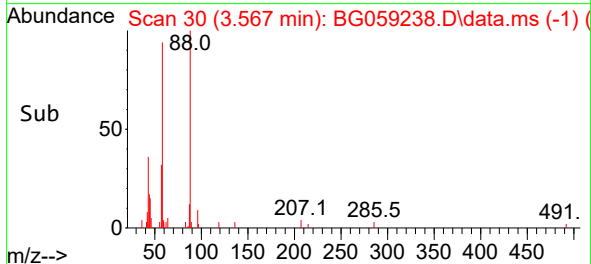
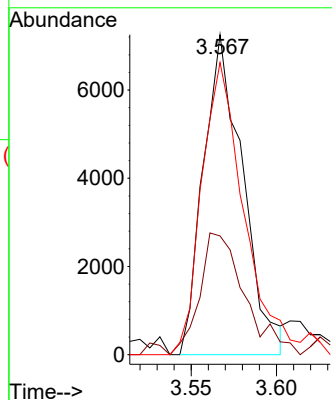
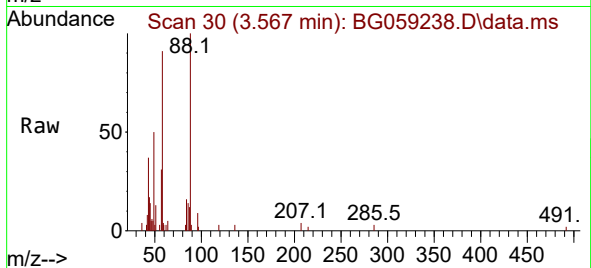
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#2
1,4-Dioxane
Concen: 7.531 ng/uL
RT: 3.567 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

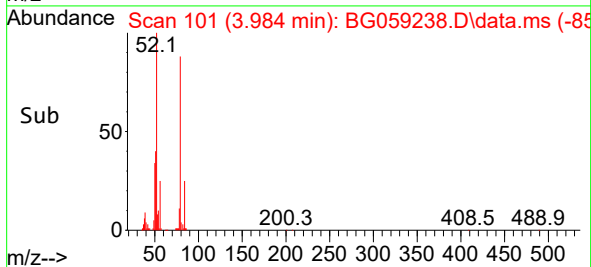
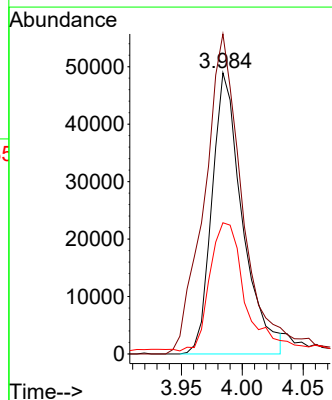
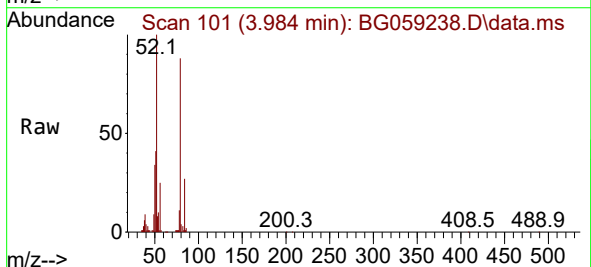
Instrument :
BNA_G
ClientSampleId :
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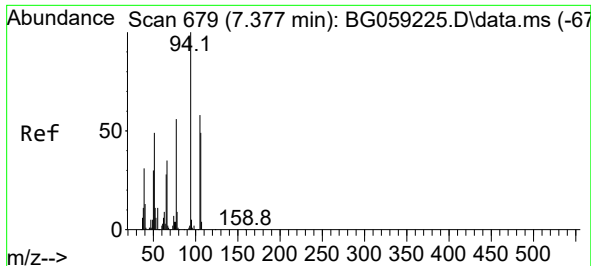
Tgt Ion: 88 Resp: 11640
Ion Ratio Lower Upper
88 100
43 37.1 34.5 51.7
58 91.3 96.6 145.0#



#5
Pyridine
Concen: 21.763 ng/uL
RT: 3.984 min Scan# 101
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion: 79 Resp: 84833
Ion Ratio Lower Upper
79 100
52 113.9 94.8 142.2
51 46.7 48.2 72.2#

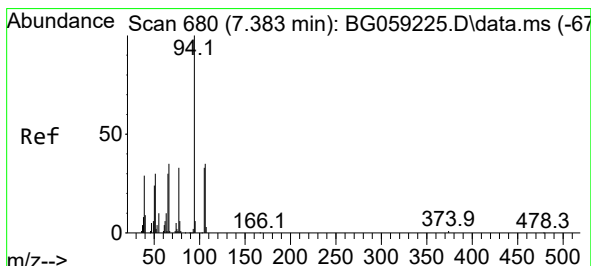
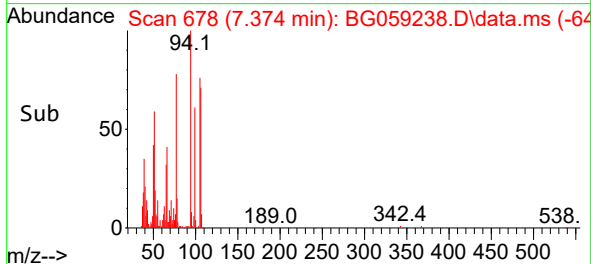
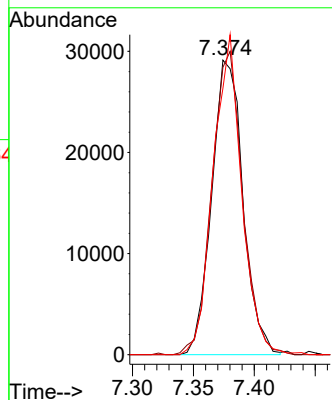
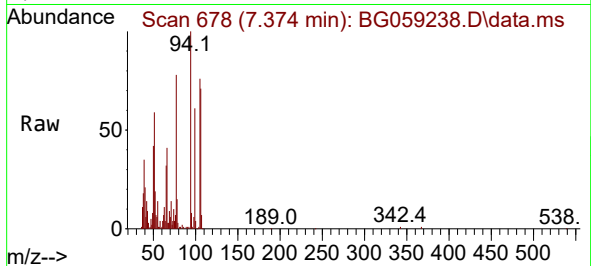




#6
Benzaldehyde
Concen: 23.800 ng/ul
RT: 7.374 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

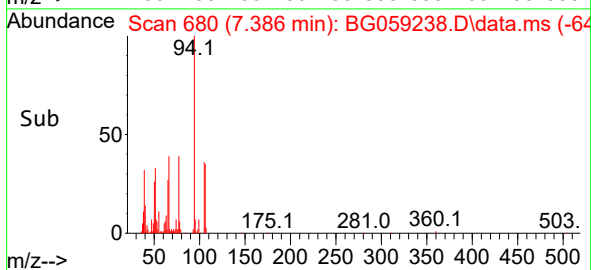
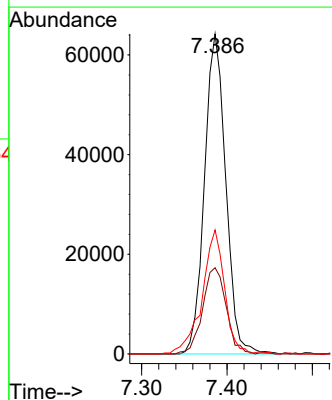
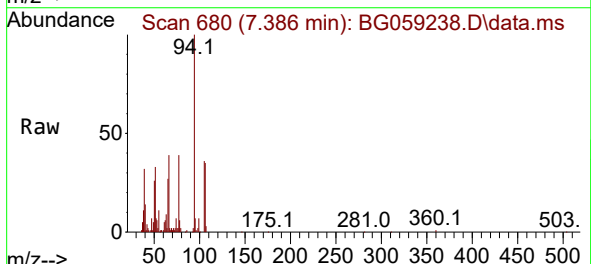
Instrument :
BNA_G
ClientSampleId :
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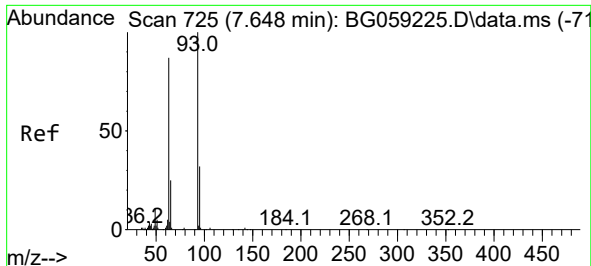
Tgt Ion: 77 Resp: 51948
Ion Ratio Lower Upper
77 100
105 97.6 81.4 122.2
106 90.4 78.3 117.5



#8
Phenol
Concen: 22.526 ng/ul
RT: 7.386 min Scan# 680
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion: 94 Resp: 111377
Ion Ratio Lower Upper
94 100
65 27.0 23.6 35.4
66 38.7 24.6 37.0#

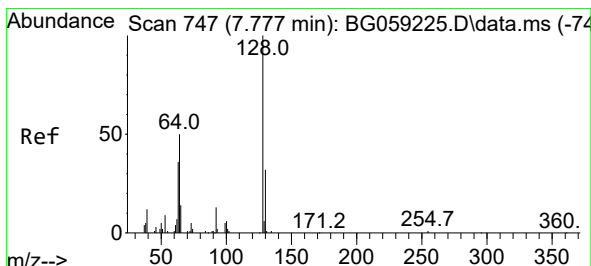
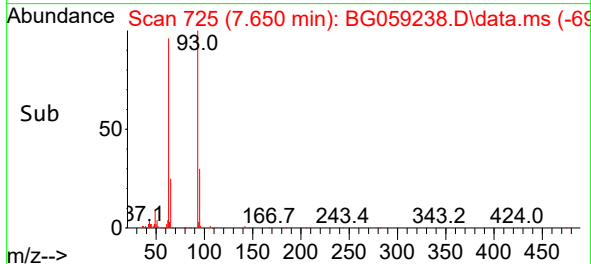
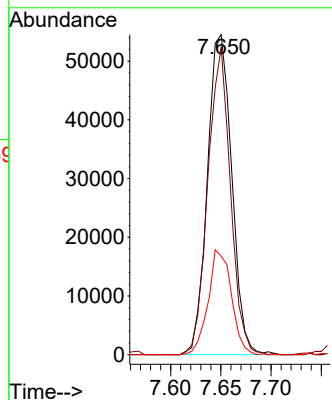
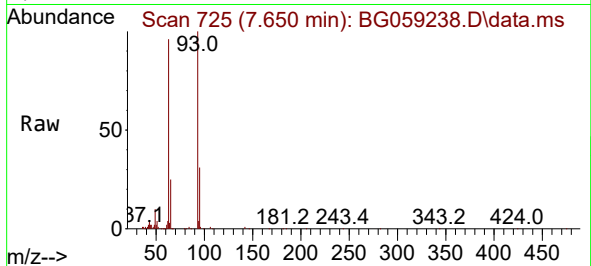




#10
Bis(2-Chloroethyl)ether
Concen: 22.768 ng/ul
RT: 7.650 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

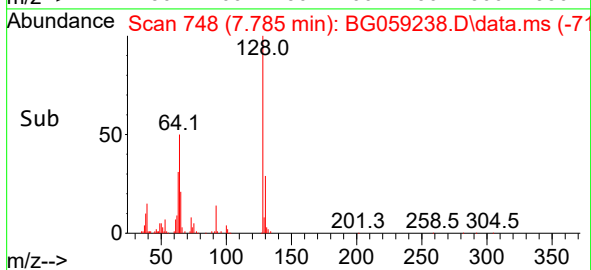
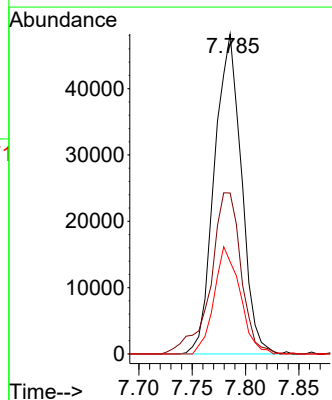
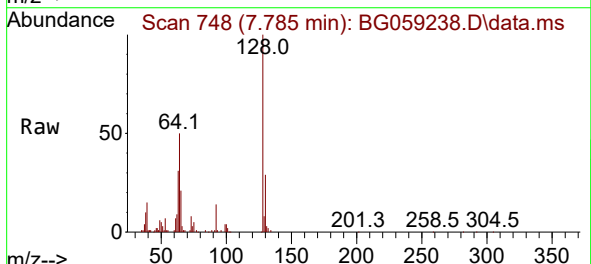
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BNA_G
ClientSampleId :
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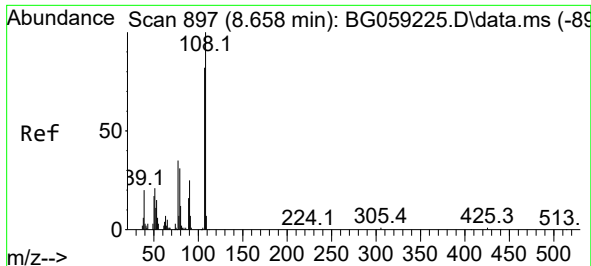
Tgt Ion: 93 Resp: 92324
Ion Ratio Lower Upper
93 100
63 96.0 76.0 114.0
95 30.8 26.6 39.8



#12
2-Chlorophenol
Concen: 24.041 ng/ul
RT: 7.785 min Scan# 748
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:128 Resp: 84691
Ion Ratio Lower Upper
128 100
64 50.3 42.6 64.0
130 28.8 23.3 34.9





#13

2-Methylphenol

Concen: 22.154 ng/ul

RT: 8.661 min Scan# 897

Delta R.T. 0.001 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

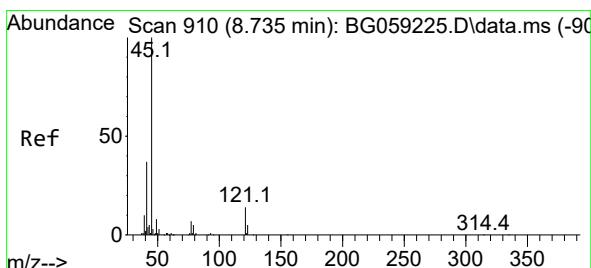
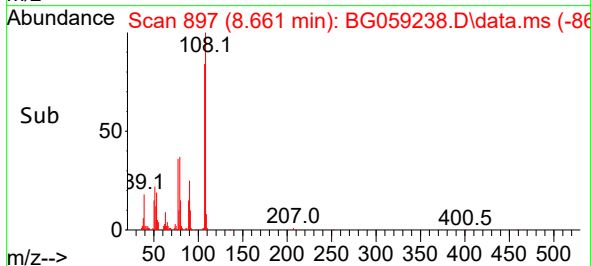
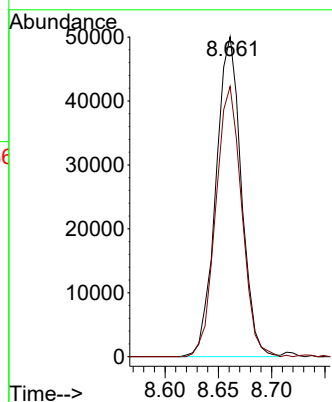
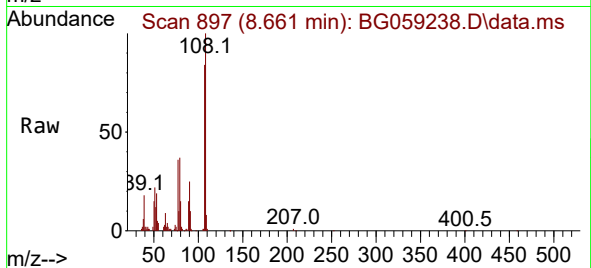
BBJN0

Tgt Ion:108 Resp: 82759

Ion Ratio Lower Upper

108 100

107 84.5 67.3 100.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.740 ng/ul

RT: 8.737 min Scan# 910

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

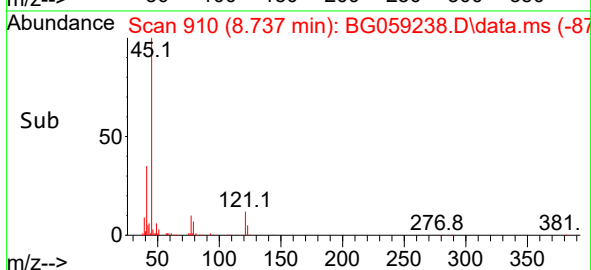
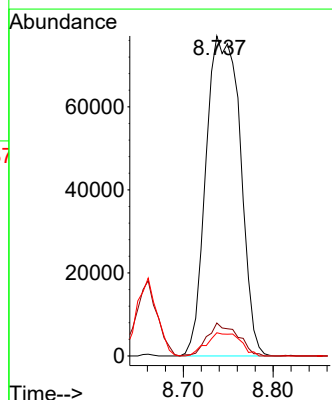
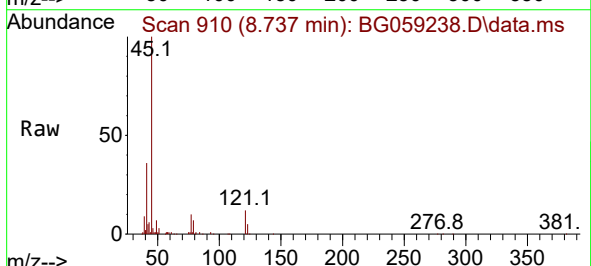
Tgt Ion: 45 Resp: 203853

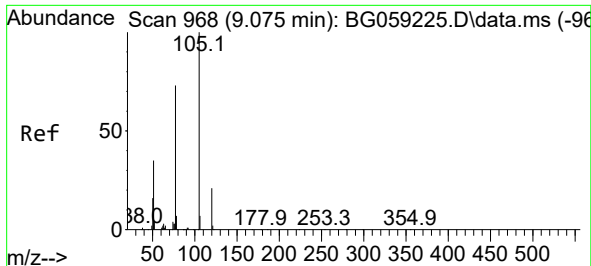
Ion Ratio Lower Upper

45 100

77 10.3 6.6 9.8#

79 7.2 5.9 8.9

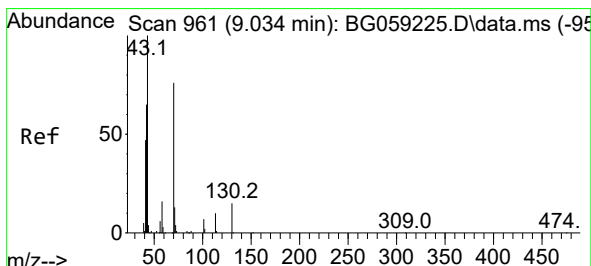
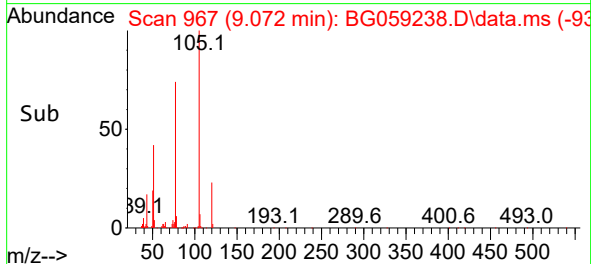
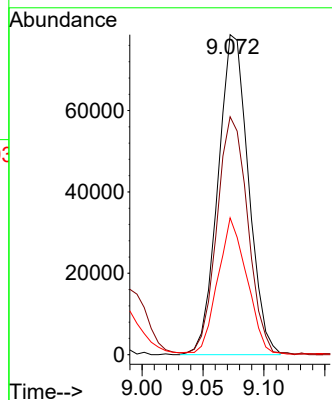
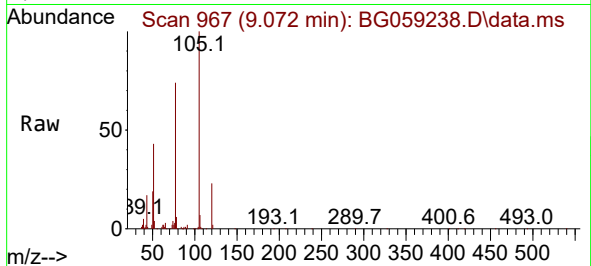




#16
Acetophenone
Concen: 23.023 ng/ul
RT: 9.072 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

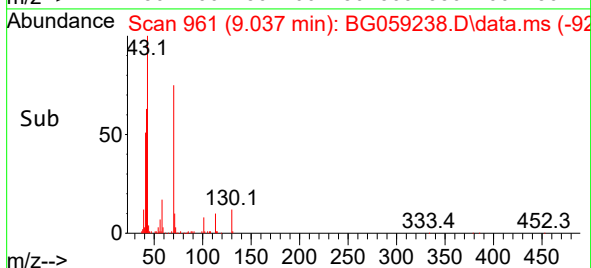
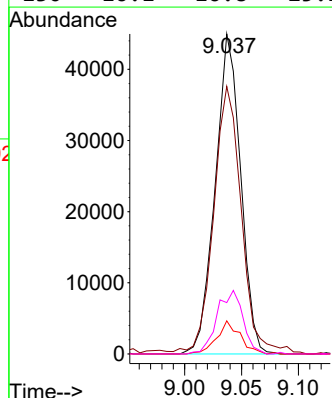
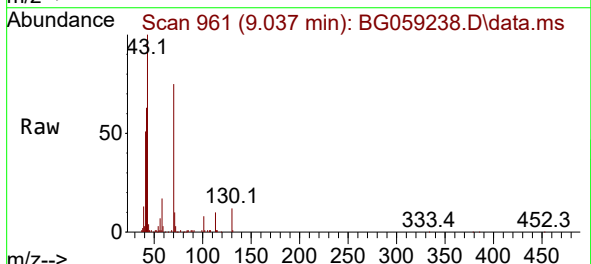
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BNA_G
ClientSampleId :
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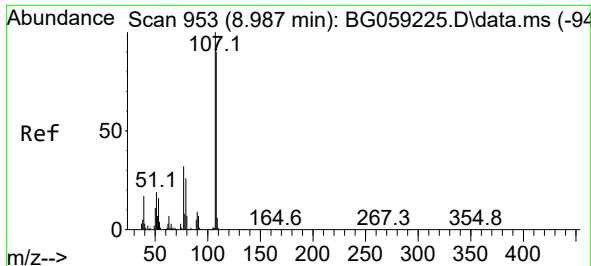
Tgt Ion:105 Resp: 136993
Ion Ratio Lower Upper
105 100
77 74.4 58.8 88.2
51 42.7 32.6 48.8



#17
N-Nitroso-di-n-propylamine
Concen: 23.193 ng/ul
RT: 9.037 min Scan# 961
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion: 70 Resp: 70004
Ion Ratio Lower Upper
70 100
42 83.6 69.6 104.4
101 10.3 6.7 10.1#
130 16.1 16.8 25.2#

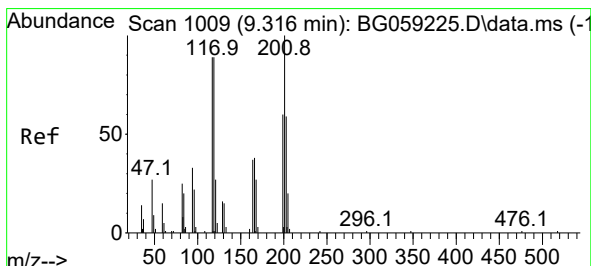
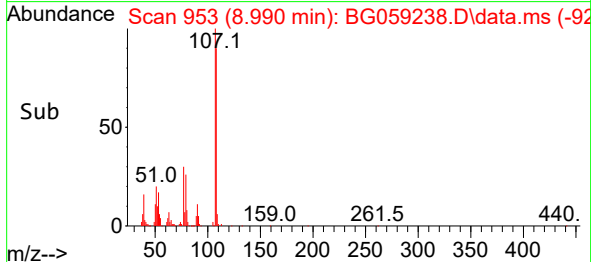
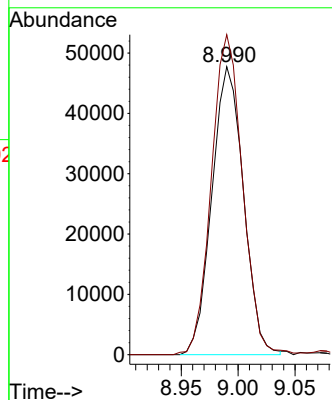
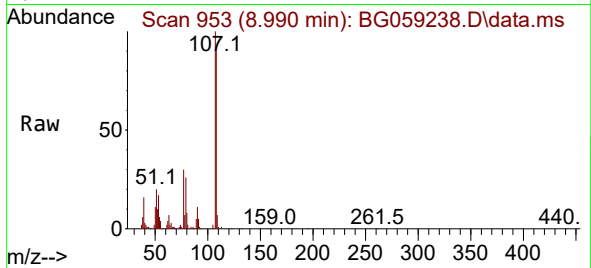




#18
4-Methylphenol
Concen: 23.318 ng/ul
RT: 8.990 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

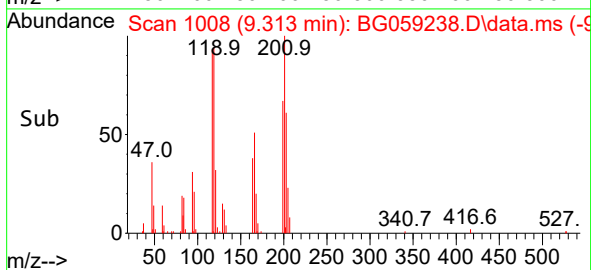
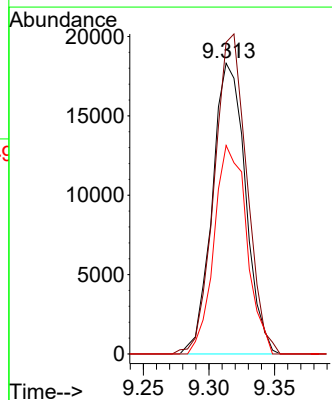
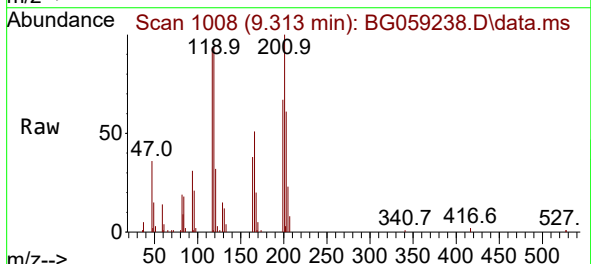
Instrument :
BNA_G
ClientSampleId :
BBJN0

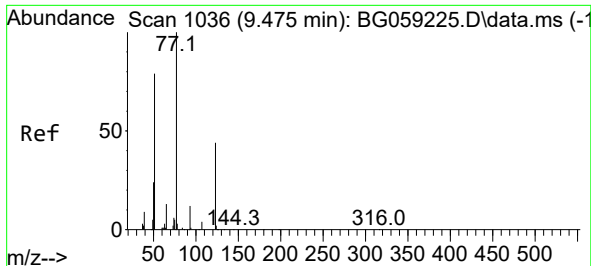
Tgt Ion:108 Resp: 92293
Ion Ratio Lower Upper
108 100
107 111.1 83.8 125.8



#19
Hexachloroethane
Concen: 23.163 ng/ul
RT: 9.313 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:117 Resp: 32146
Ion Ratio Lower Upper
117 100
201 107.2 78.2 117.4
199 71.7 53.5 80.3

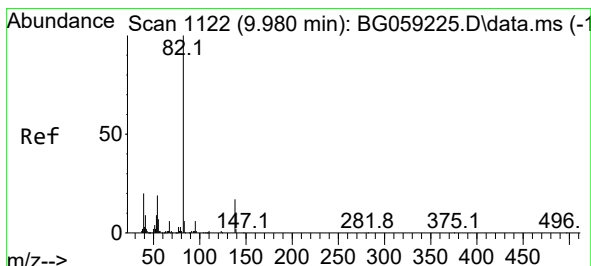
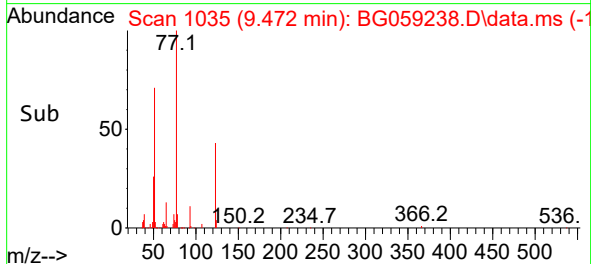
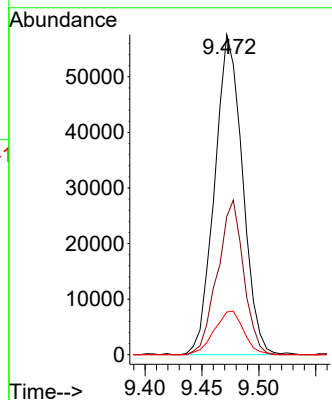
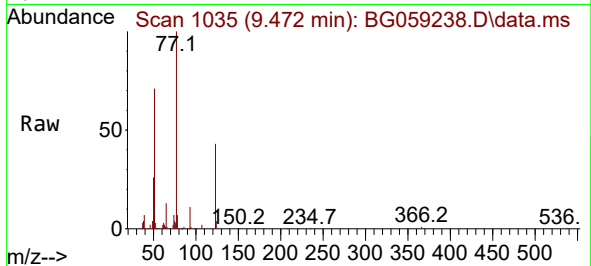




#22
Nitrobenzene
Concen: 21.036 ng/ul
RT: 9.472 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

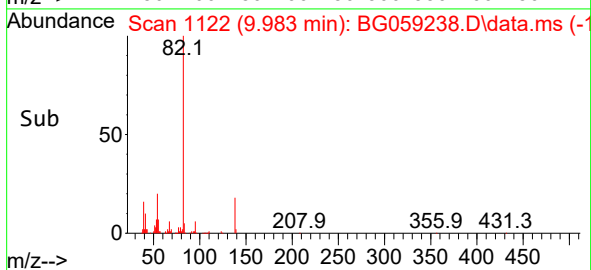
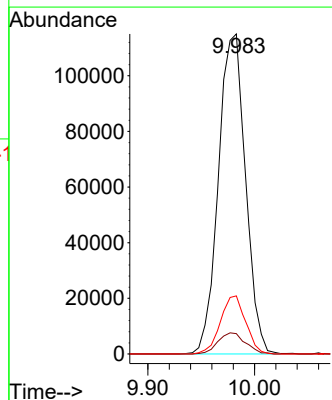
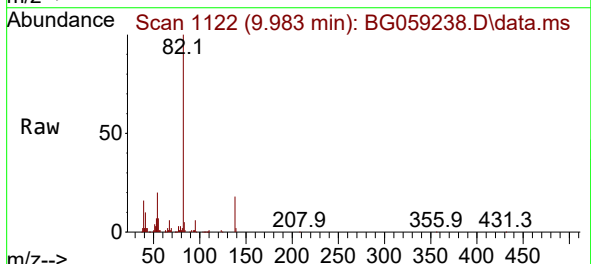
Instrument :
BNA_G
ClientSampleId :
BBJN0

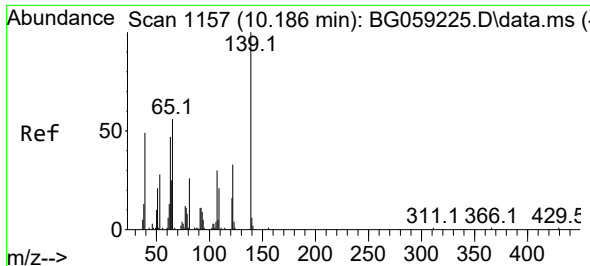
Tgt Ion: 77 Resp: 98323
Ion Ratio Lower Upper
77 100
123 43.2 34.6 52.0
65 13.3 13.0 19.4



#23
Isophorone
Concen: 20.208 ng/ul
RT: 9.983 min Scan# 1122
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion: 82 Resp: 203119
Ion Ratio Lower Upper
82 100
95 6.3 4.7 7.1
138 18.2 13.5 20.3

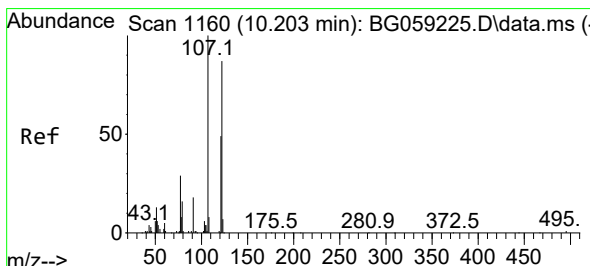
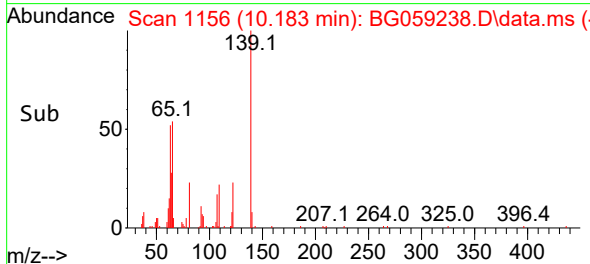
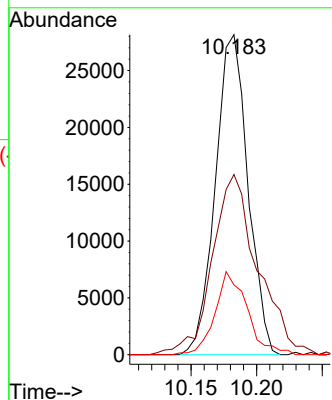
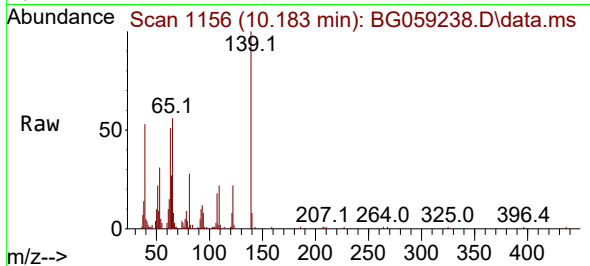




#25
2-Nitrophenol
Concen: 23.749 ng/ul
RT: 10.183 min Scan# 1156
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

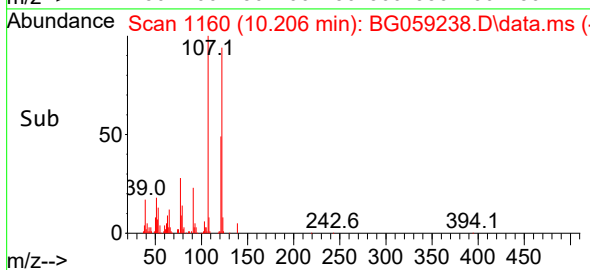
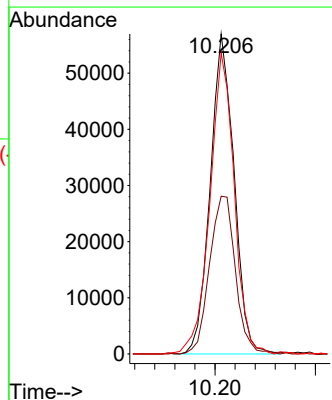
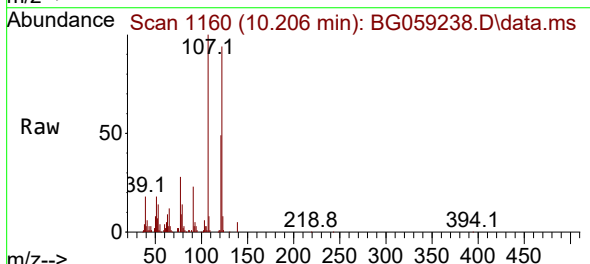
Instrument :
BNA_G
ClientSampleId :
BBJN0

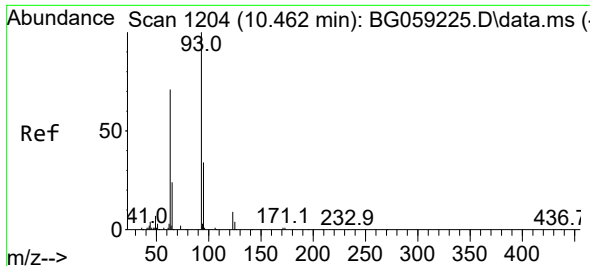
Tgt Ion:139 Resp: 48639
Ion Ratio Lower Upper
139 100
65 56.3 41.2 61.8
109 21.8 22.6 33.8#



#26
2,4-Dimethylphenol
Concen: 21.417 ng/ul
RT: 10.206 min Scan# 1160
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:107 Resp: 93789
Ion Ratio Lower Upper
107 100
121 49.3 42.3 63.5
122 94.0 75.2 112.8

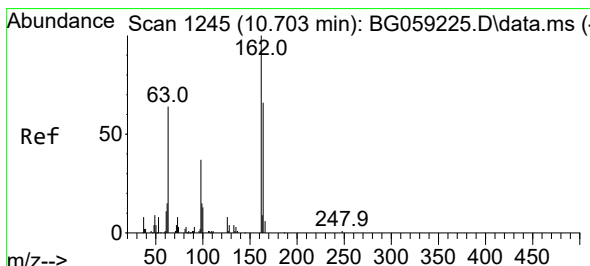
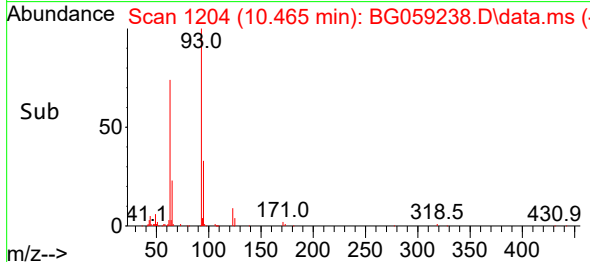
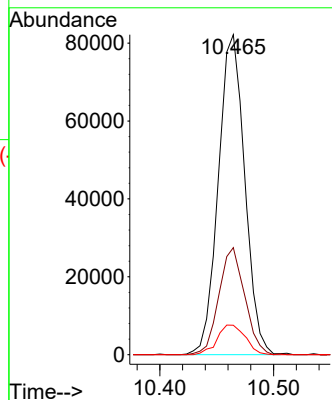
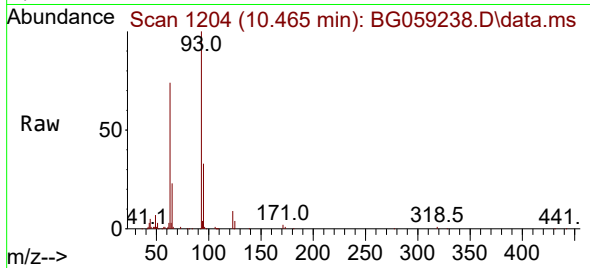




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.937 ng/ul
 RT: 10.465 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

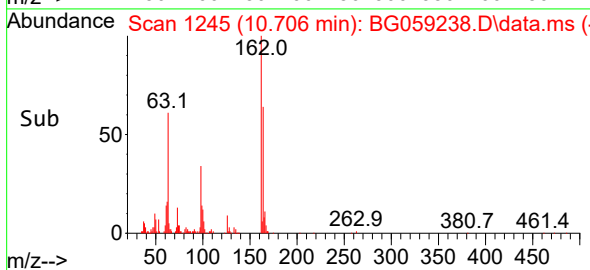
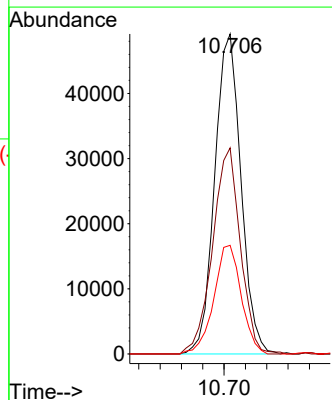
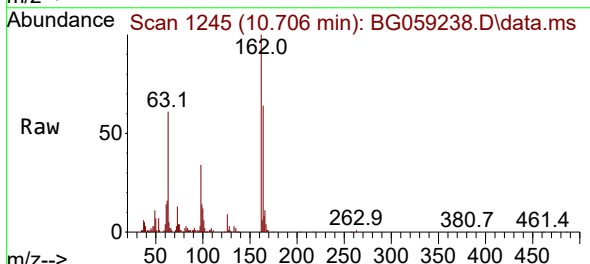
Instrument :
 BNA_G
 ClientSampleId :
 BBJN0

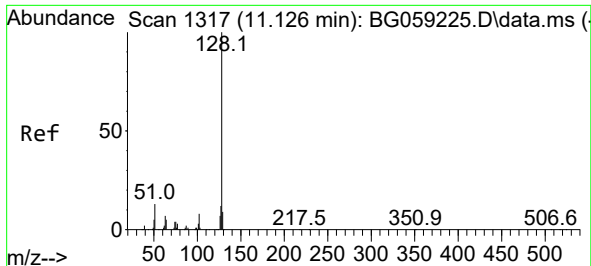
Tgt Ion: 93 Resp: 132782
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 9.2 7.3 10.9



#29
 2,4-Dichlorophenol
 Concen: 22.124 ng/ul
 RT: 10.706 min Scan# 1245
 Delta R.T. 0.001 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

Tgt Ion:162 Resp: 83976
 Ion Ratio Lower Upper
 162 100
 164 64.4 52.5 78.7
 98 33.9 28.9 43.3

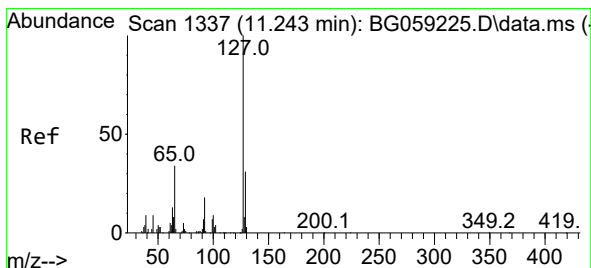
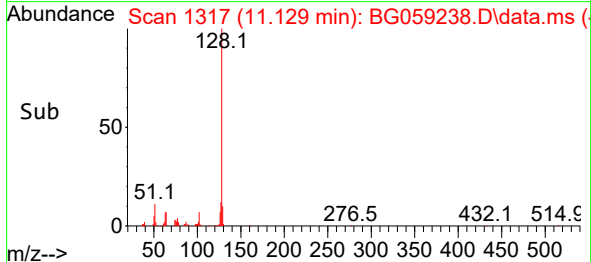
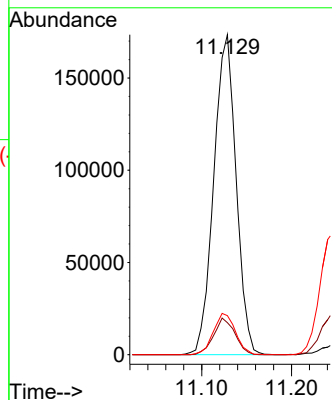
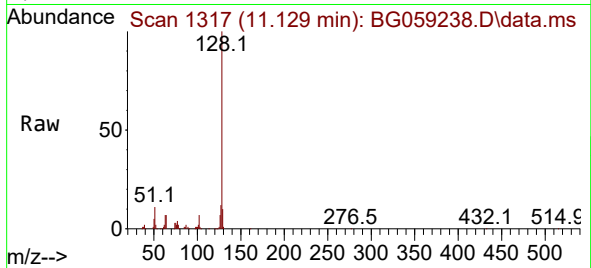




#30
Naphthalene
Concen: 20.834 ng/ul
RT: 11.129 min Scan# 11129
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

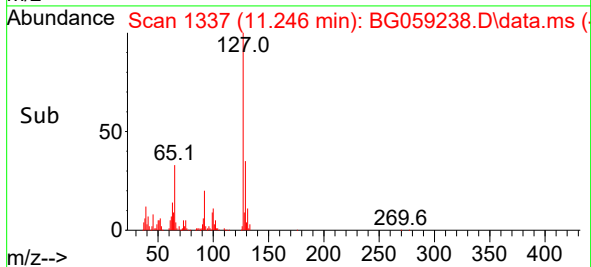
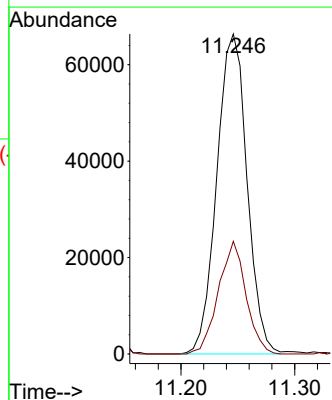
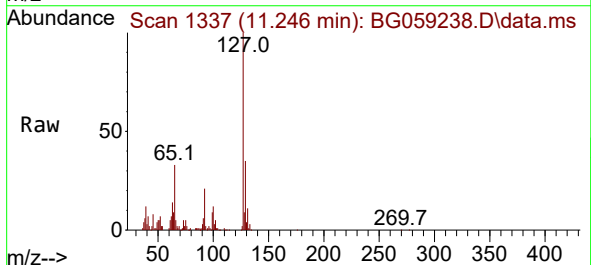
Instrument :
BNA_G
ClientSampleId :
BBJN0

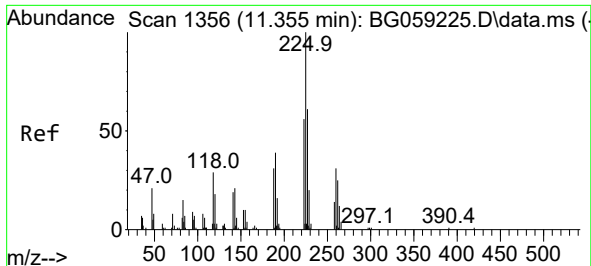
Tgt Ion:128 Resp: 299741
Ion Ratio Lower Upper
128 100
129 10.0 8.0 12.0
127 12.2 11.1 16.7



#32
4-Chloroaniline
Concen: 20.769 ng/ul
RT: 11.246 min Scan# 1337
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:127 Resp: 122702
Ion Ratio Lower Upper
127 100
129 35.2 23.6 35.4

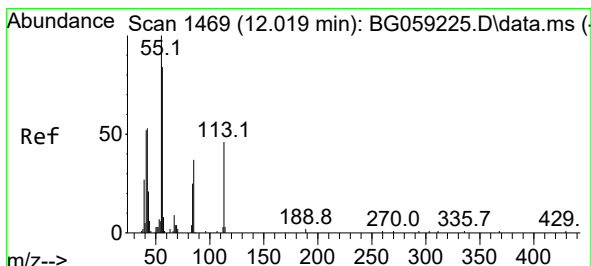
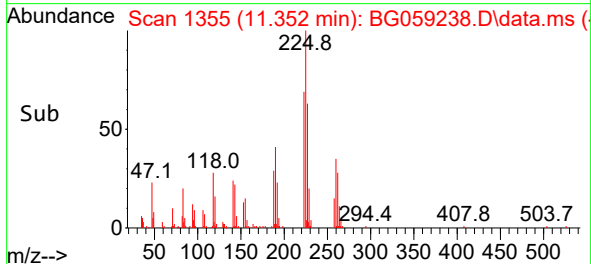
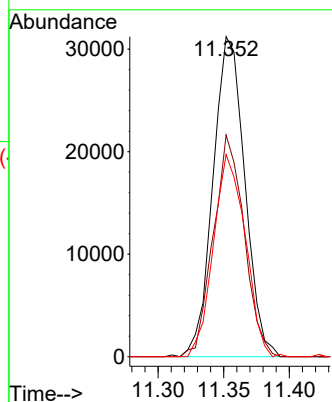
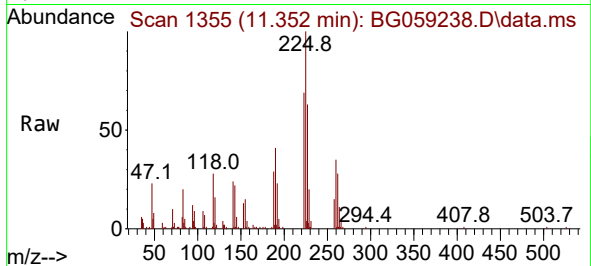




#33
Hexachlorobutadiene
Concen: 20.652 ng/ul
RT: 11.352 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

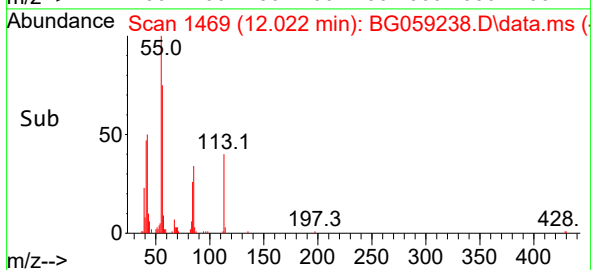
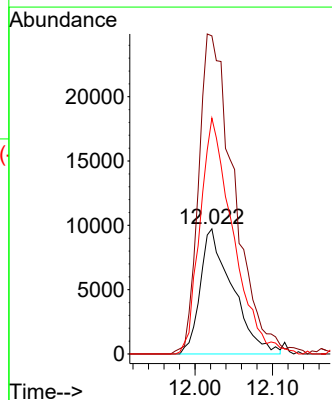
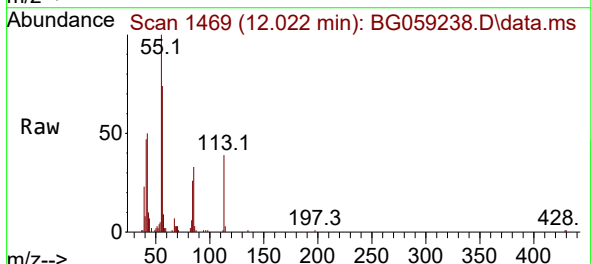
Instrument :
BNA_G
ClientSampleId :
BBJN0

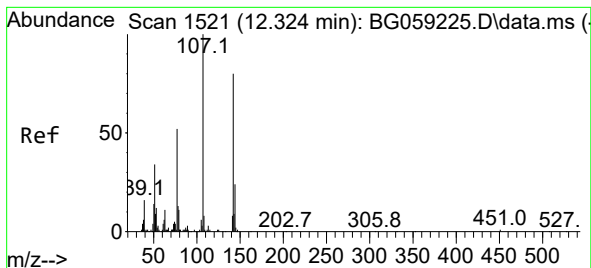
Tgt Ion:	225	Resp:	52464
Ion Ratio	Lower	Upper	
225	100		
223	69.3	54.1	81.1
227	63.2	53.5	80.3



#34
Caprolactam
Concen: 21.368 ng/ul
RT: 12.022 min Scan# 1469
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:	113	Resp:	28064
Ion Ratio	Lower	Upper	
113	100		
55	254.2	211.3	316.9
56	188.5	167.9	251.9

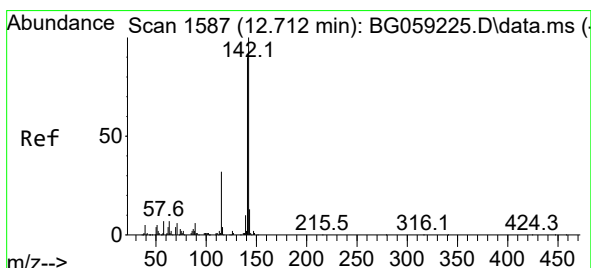
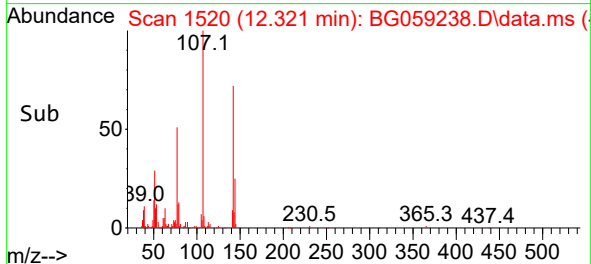
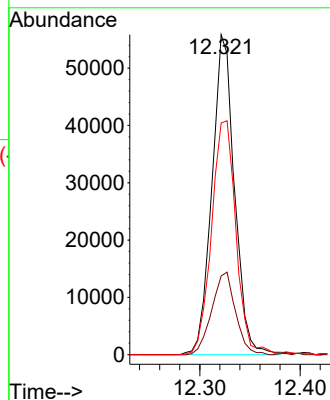
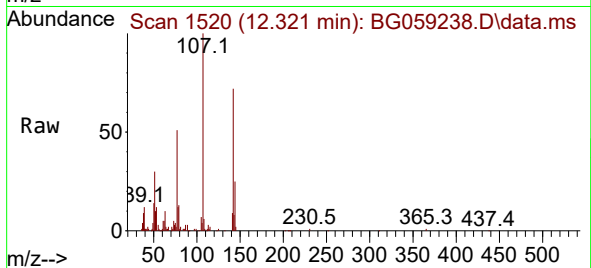




#35
4-Chloro-3-methylphenol
Concen: 21.532 ng/ul
RT: 12.321 min Scan# 1521
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

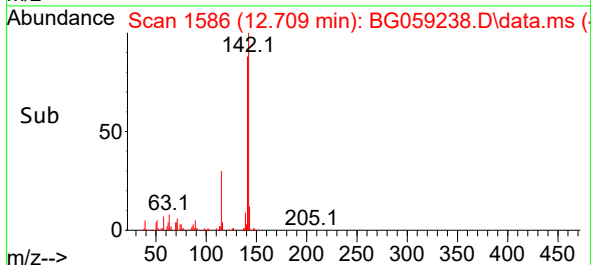
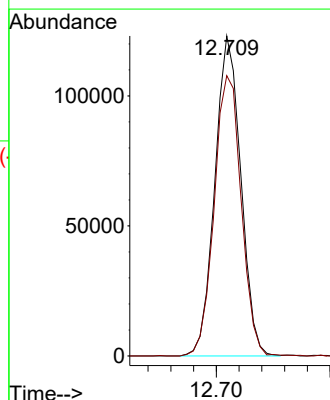
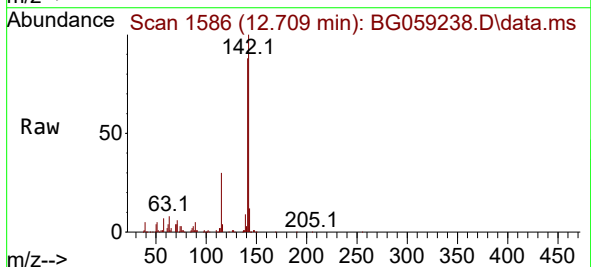
Instrument :
BNA_G
ClientSampleId :
BBJN0

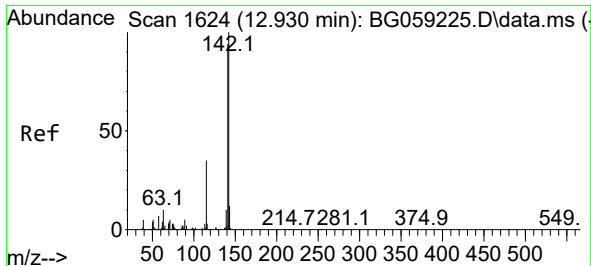
Tgt Ion:107 Resp: 87205
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.2
142 72.4 58.8 88.2



#36
2-Methylnaphthalene
Concen: 20.719 ng/ul
RT: 12.709 min Scan# 1586
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:142 Resp: 195277
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.2

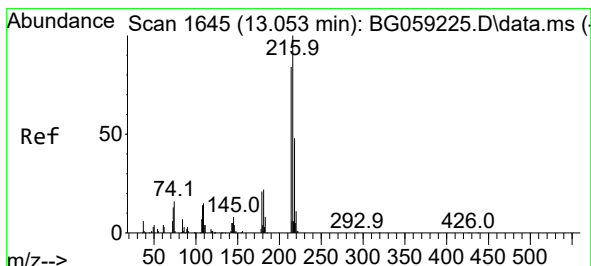
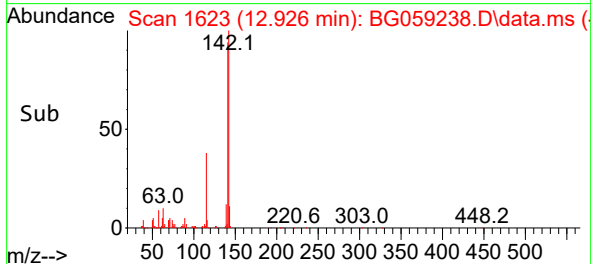
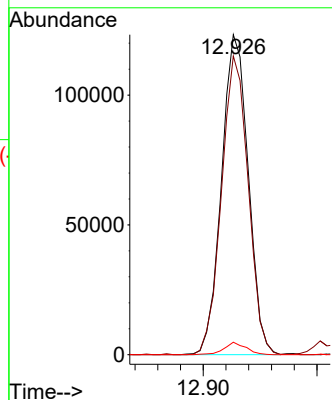
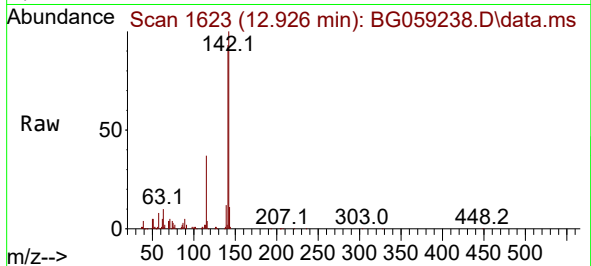




#37
1-Methylnaphthalene
Concen: 21.053 ng/ul
RT: 12.926 min Scan# 1623
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

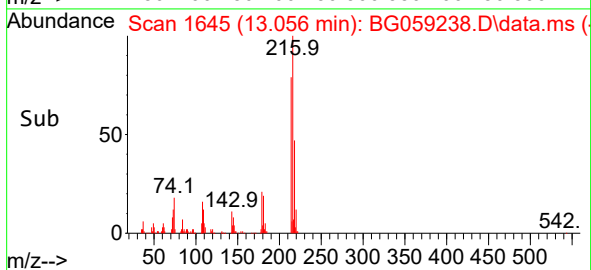
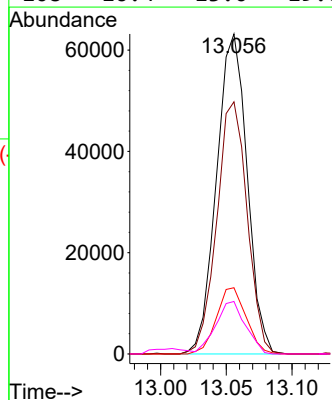
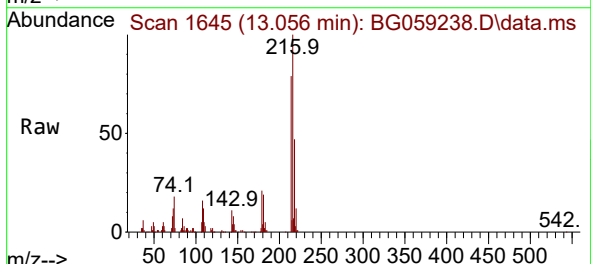
Instrument :
BNA_G
ClientSampleId :
BBJN0

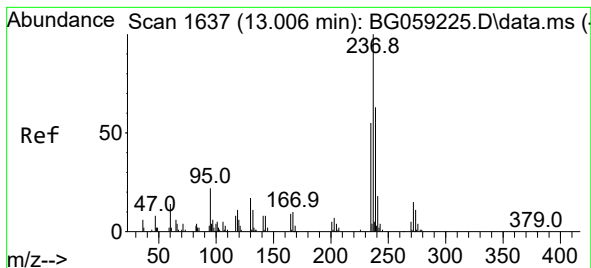
Tgt Ion:142 Resp: 201383
Ion Ratio Lower Upper
142 100
141 93.4 71.6 107.4
116 3.9 2.3 3.5#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.195 ng/ul
RT: 13.056 min Scan# 1645
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:216 Resp: 102412
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 20.7 16.3 24.5
108 16.4 13.0 19.6





#40

Hexachlorocyclopentadiene

Concen: 20.164 ng/ul

RT: 13.009 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

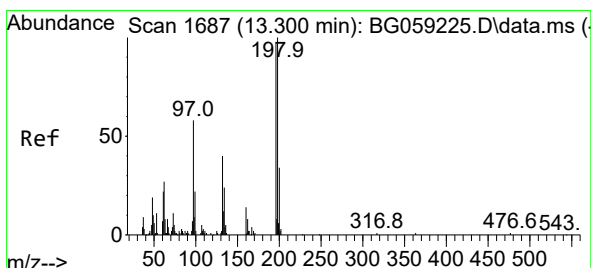
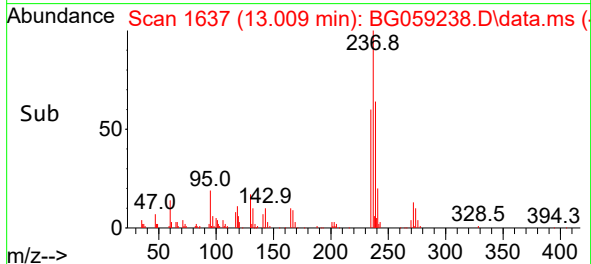
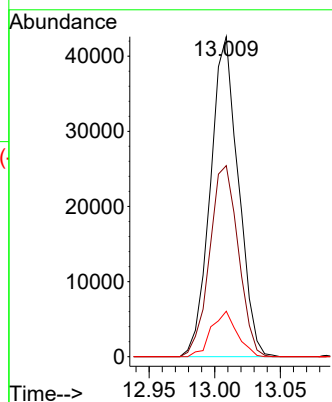
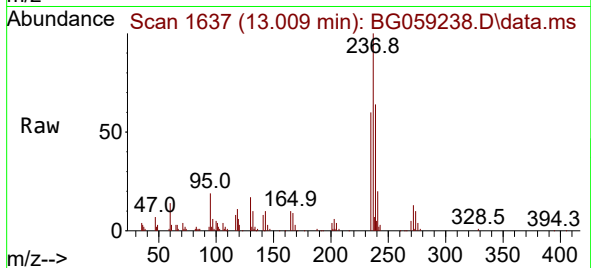
Tgt Ion:237 Resp: 63077

Ion Ratio Lower Upper

237 100

235 59.7 50.6 76.0

272 14.2 11.7 17.5



#41

2,4,6-Trichlorophenol

Concen: 21.674 ng/ul

RT: 13.297 min Scan# 1686

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

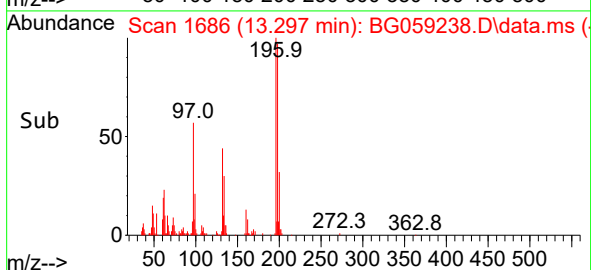
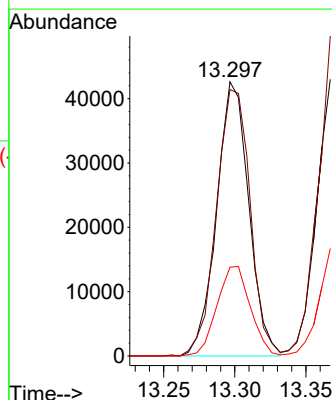
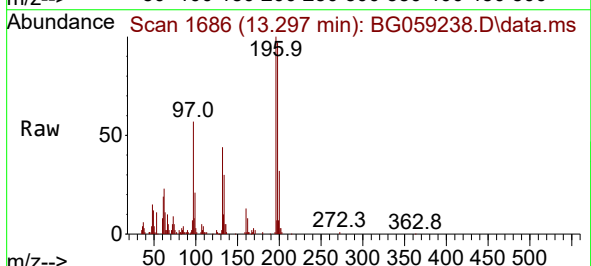
Tgt Ion:196 Resp: 67293

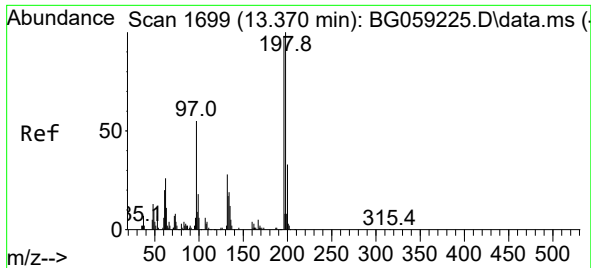
Ion Ratio Lower Upper

196 100

198 97.2 72.4 108.6

200 32.4 23.8 35.8

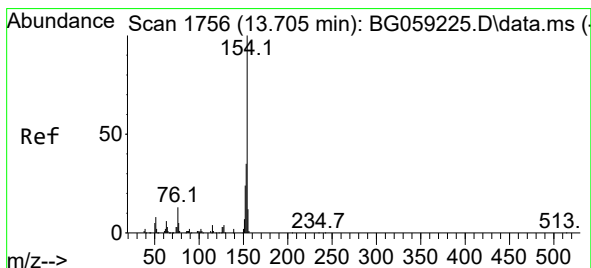
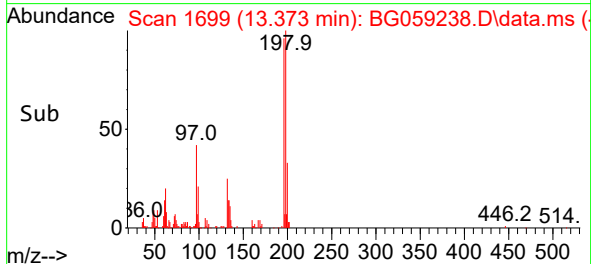
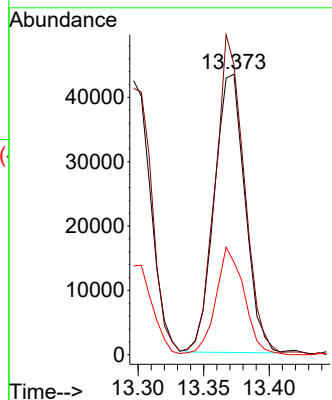
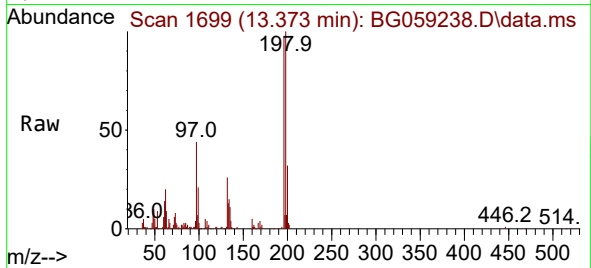




#42
2,4,5-Trichlorophenol
Concen: 21.664 ng/ul
RT: 13.373 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

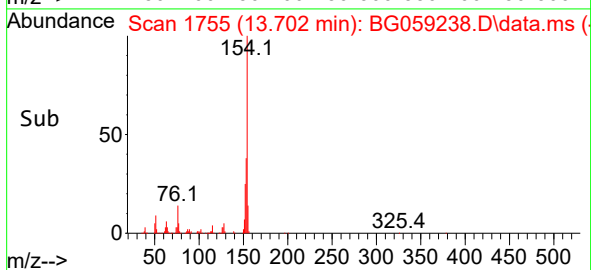
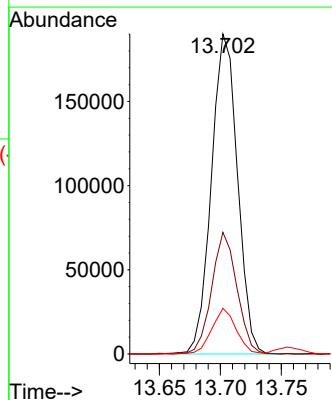
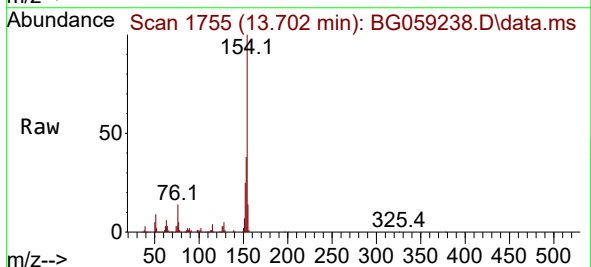
Instrument :
BNA_G
ClientSampleId :
BBJN0

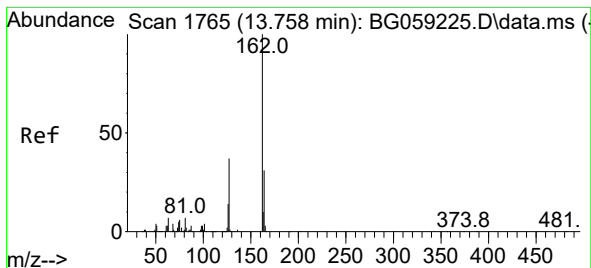
Tgt Ion:196 Resp: 70578
Ion Ratio Lower Upper
196 100
198 103.4 82.2 123.4
200 33.0 28.2 42.2



#43
1,1'-Biphenyl
Concen: 20.658 ng/ul
RT: 13.702 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:154 Resp: 282603
Ion Ratio Lower Upper
154 100
153 38.0 29.2 43.8
76 14.3 10.1 15.1





#44

2-Chloronaphthalene

Concen: 20.322 ng/ul

RT: 13.755 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

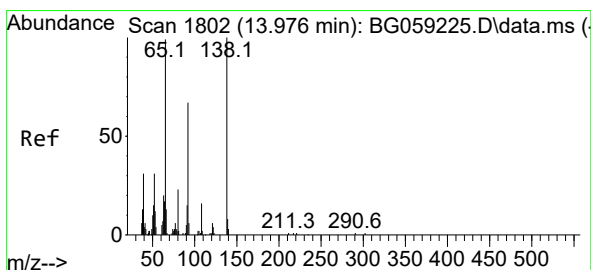
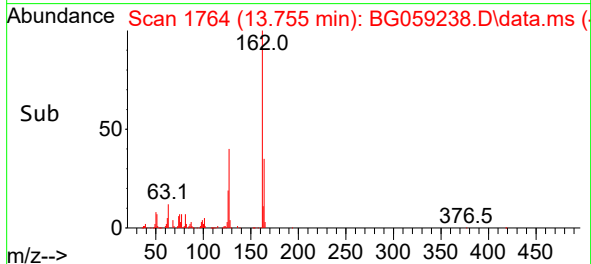
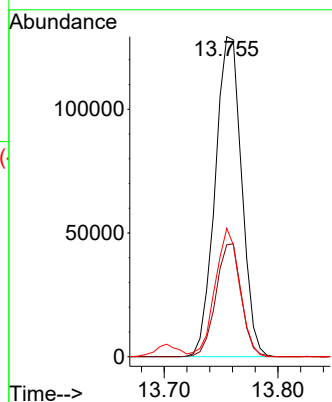
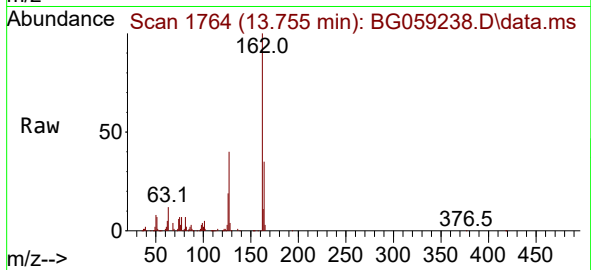
Tgt Ion:162 Resp: 209316

Ion Ratio Lower Upper

162 100

164 35.0 24.6 37.0

127 40.1 28.1 42.1



#45

2-Nitroaniline

Concen: 22.697 ng/ul

RT: 13.972 min Scan# 1801

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

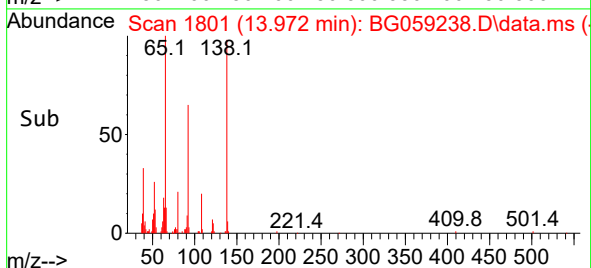
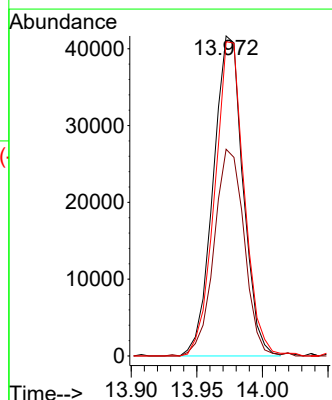
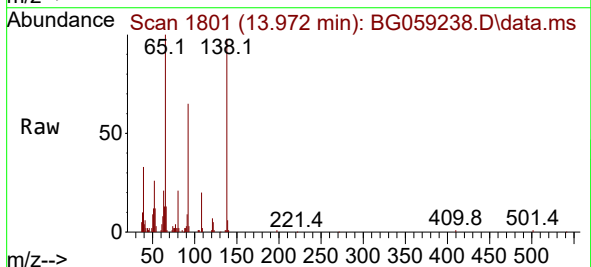
Tgt Ion: 65 Resp: 65941

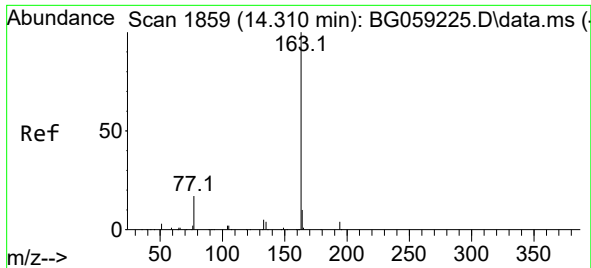
Ion Ratio Lower Upper

65 100

92 64.6 51.0 76.4

138 98.2 80.5 120.7

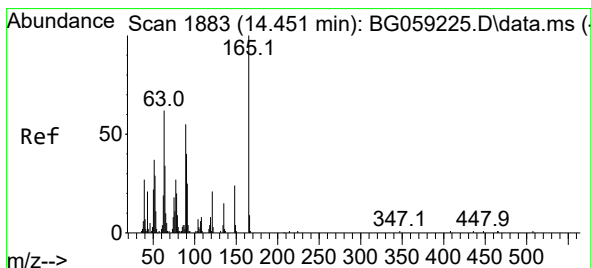
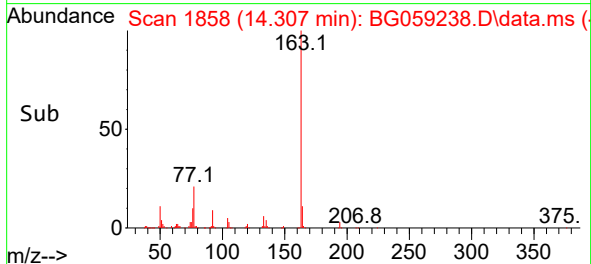
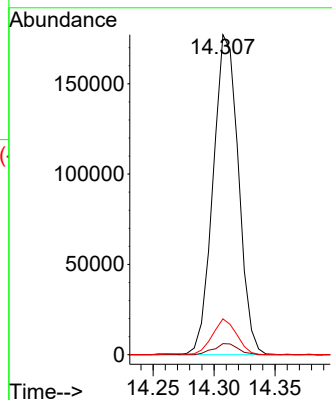
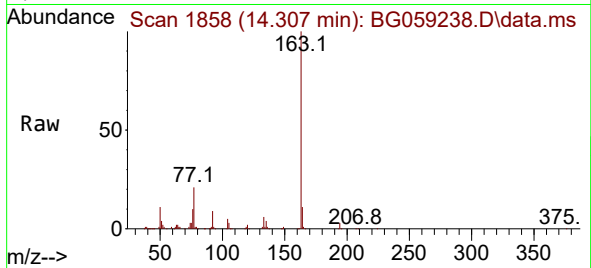




#47
Dimethylphthalate
Concen: 20.423 ng/ul
RT: 14.307 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

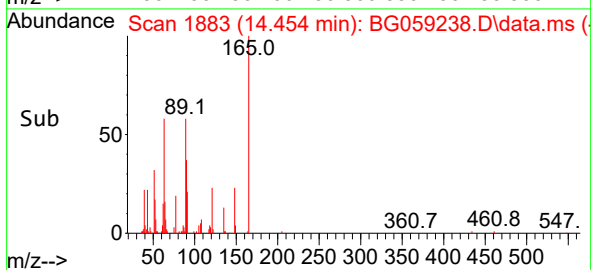
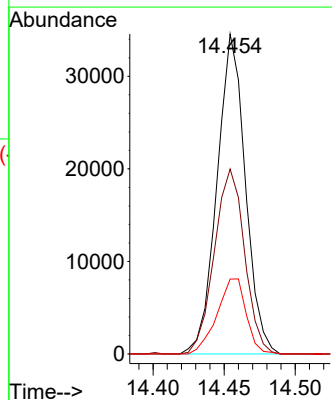
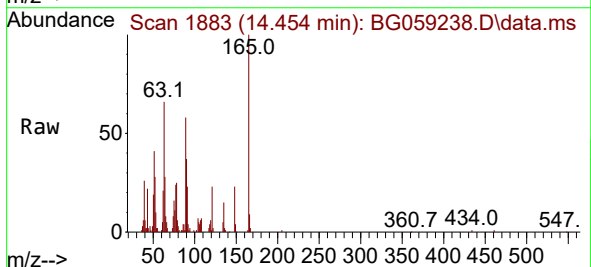
Instrument :
BNA_G
ClientSampleId :
BBJN0

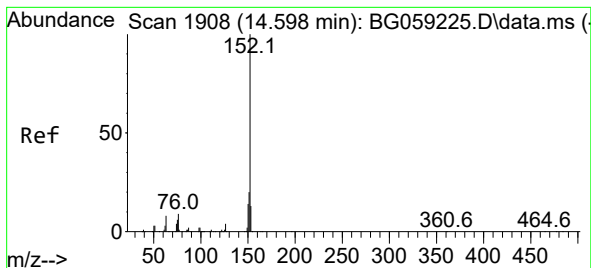
Tgt Ion:163 Resp: 256179
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 11.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 22.482 ng/ul
RT: 14.454 min Scan# 1883
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:165 Resp: 47964
Ion Ratio Lower Upper
165 100
89 57.8 53.0 79.4
121 23.4 19.2 28.8





#50

Acenaphthylene

Concen: 20.729 ng/ul

RT: 14.601 min Scan# 1908

Delta R.T. 0.001 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

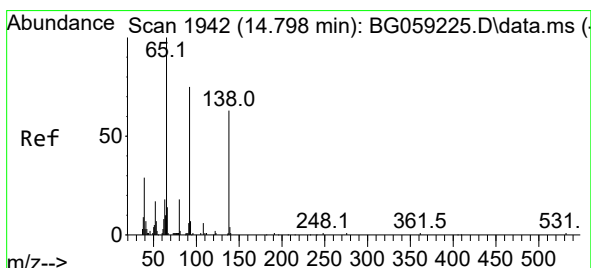
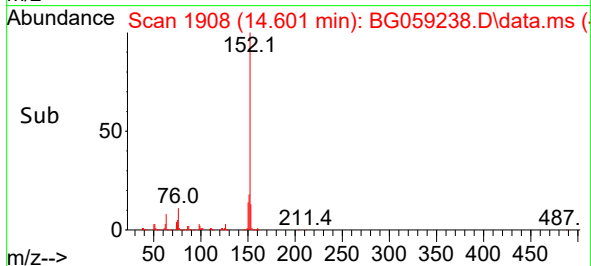
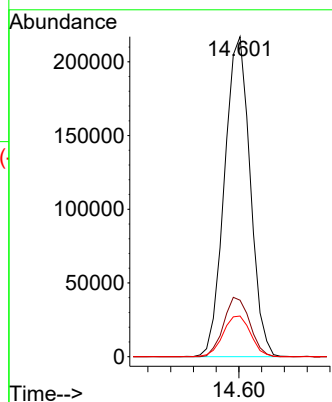
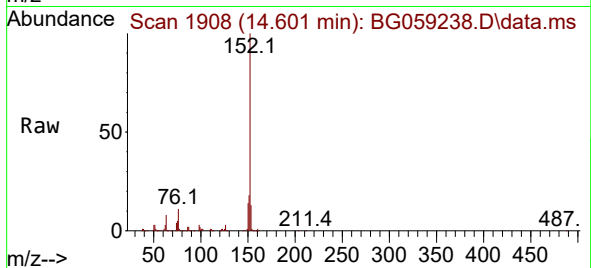
Tgt Ion:152 Resp: 340125

Ion Ratio Lower Upper

152 100

151 17.6 14.6 21.8

153 12.7 10.9 16.3



#51

3-Nitroaniline

Concen: 22.938 ng/ul

RT: 14.795 min Scan# 1941

Delta R.T. 0.001 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

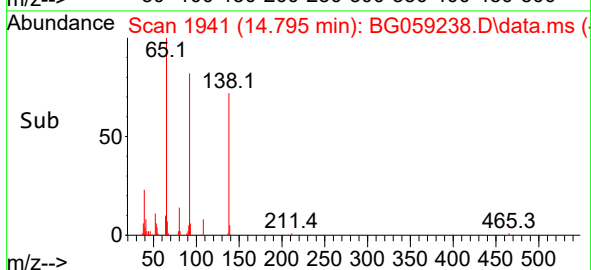
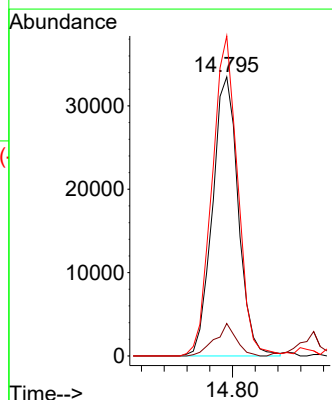
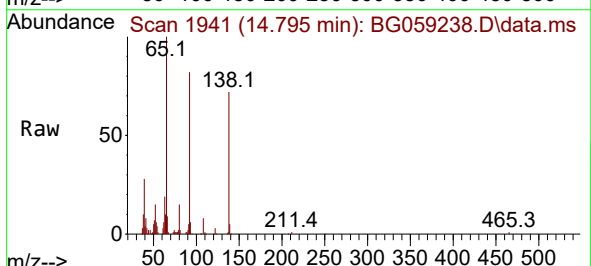
Tgt Ion:138 Resp: 52828

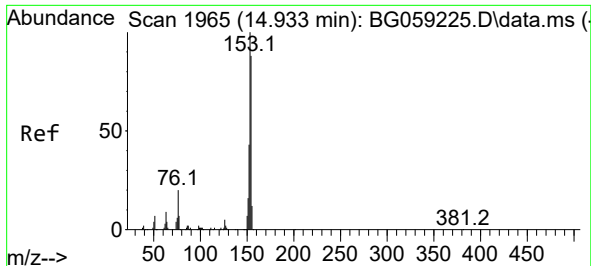
Ion Ratio Lower Upper

138 100

108 11.6 10.0 15.0

92 114.7 95.0 142.6

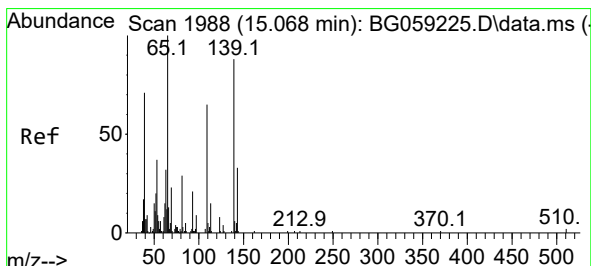
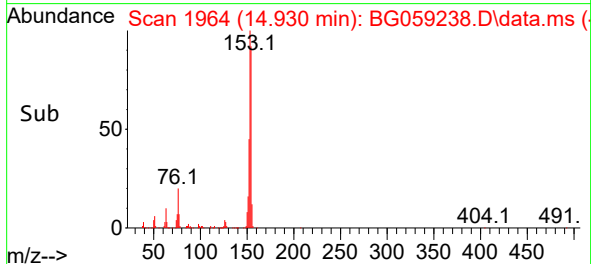
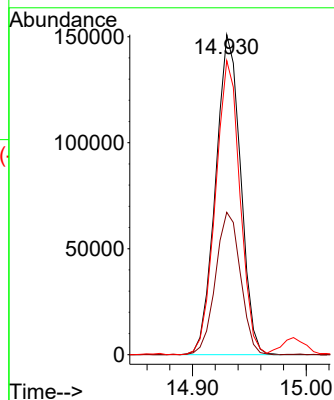
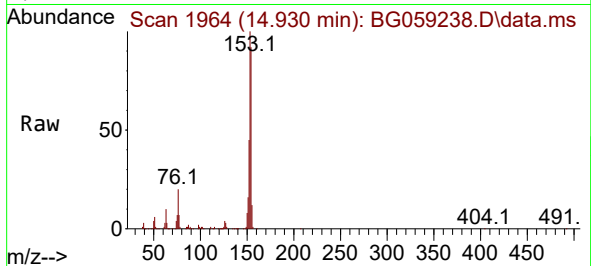




#52
Acenaphthene
Concen: 20.456 ng/ul
RT: 14.930 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

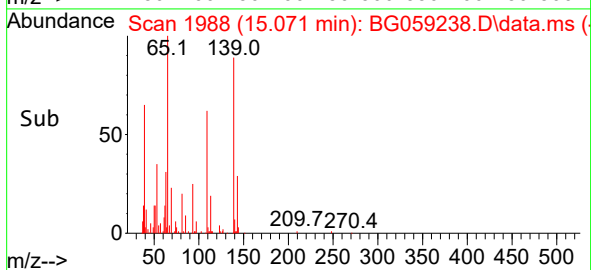
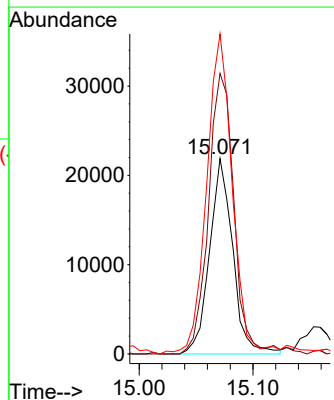
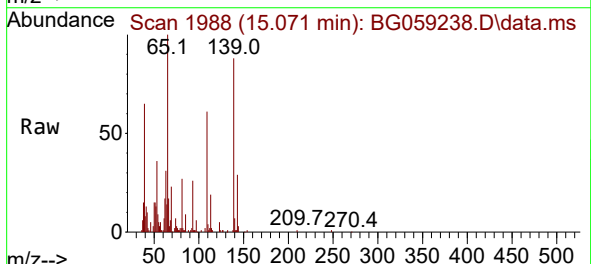
Instrument :
BNA_G
ClientSampleId :
BBJN0

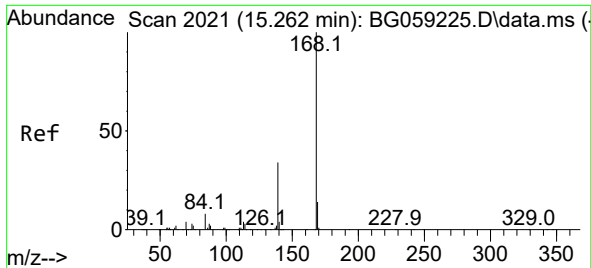
Tgt Ion:153 Resp: 230386
Ion Ratio Lower Upper
153 100
152 44.5 38.5 57.7
154 91.9 76.3 114.5



#55
4-Nitrophenol
Concen: 20.551 ng/ul
RT: 15.071 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:109 Resp: 31002
Ion Ratio Lower Upper
109 100
139 143.6 115.5 173.3
65 163.8 122.8 184.2

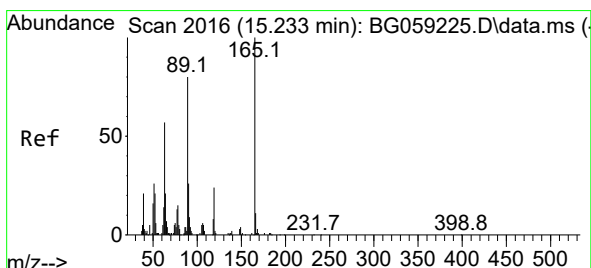
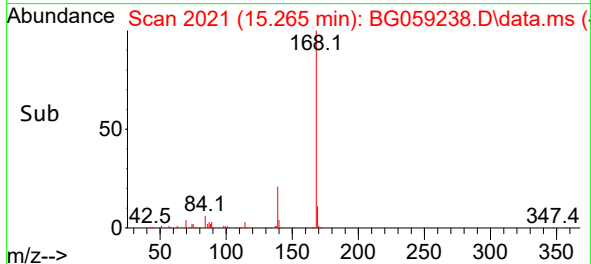
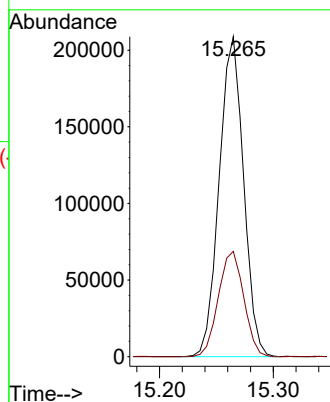
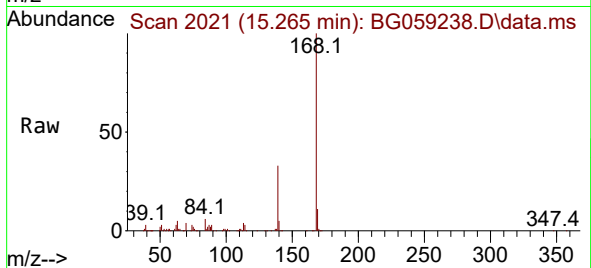




#56
Dibenzenofuran
Concen: 20.819 ng/ul
RT: 15.265 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

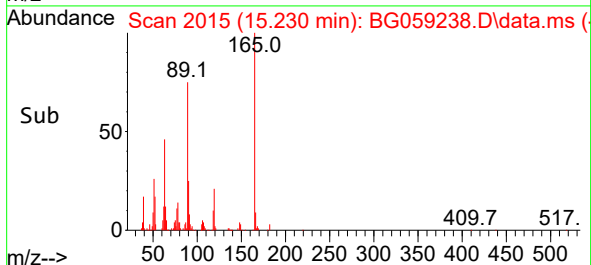
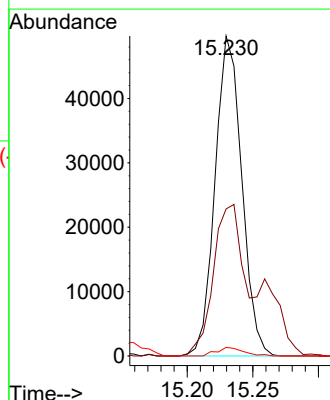
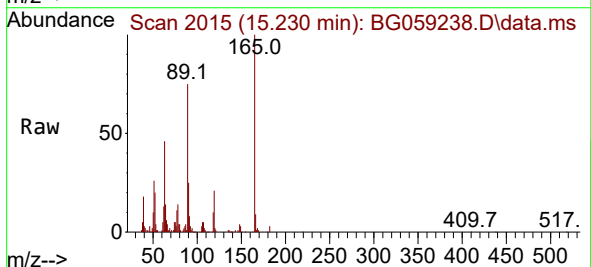
Instrument :
BNA_G
ClientSampleId :
BBJN0

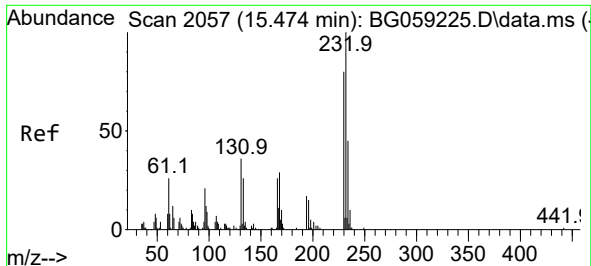
Tgt Ion:168 Resp: 310804
Ion Ratio Lower Upper
168 100
139 32.9 26.6 39.8



#57
2,4-Dinitrotoluene
Concen: 22.245 ng/ul
RT: 15.230 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:165 Resp: 70271
Ion Ratio Lower Upper
165 100
63 46.0 43.5 65.3
182 2.7 1.8 2.6#

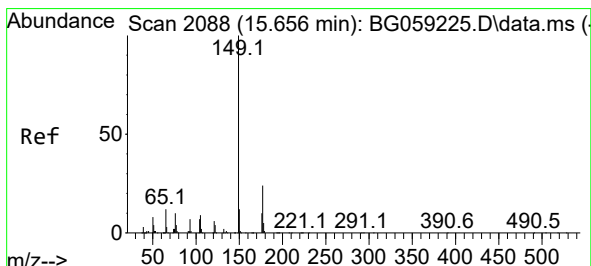
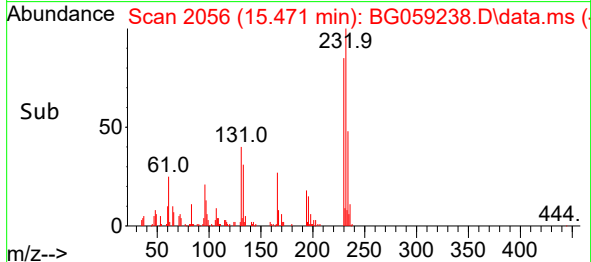
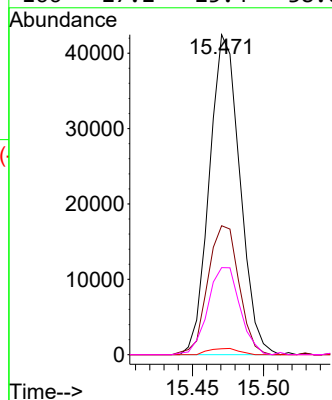
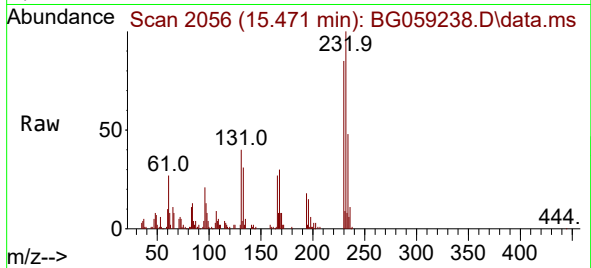




#58
2,3,4,6-Tetrachlorophenol
Concen: 21.511 ng/ul
RT: 15.471 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

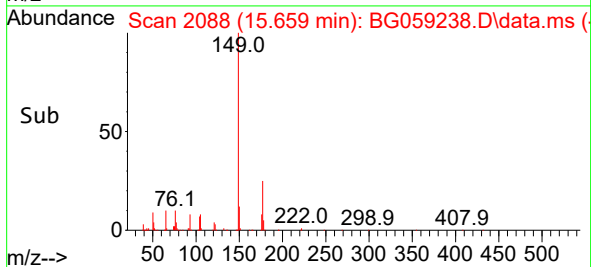
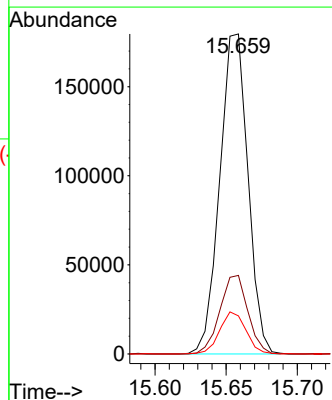
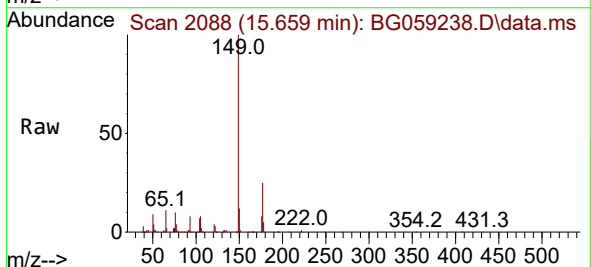
Instrument :
BNA_G
ClientSampleId :
BBJN0

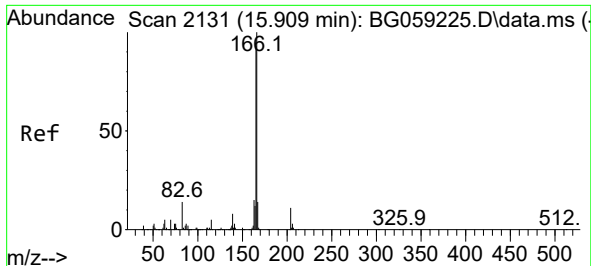
Tgt Ion:232	Resp:	63442
Ion Ratio	Lower	Upper
232	100	
131	40.3	33.9 50.9
130	1.9	1.5 2.3
166	27.2	25.4 38.0



#59
Diethylphthalate
Concen: 20.446 ng/ul
RT: 15.659 min Scan# 2088
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:149	Resp:	247945
Ion Ratio	Lower	Upper
149	100	
177	24.6	17.3 25.9
150	11.9	10.0 15.0

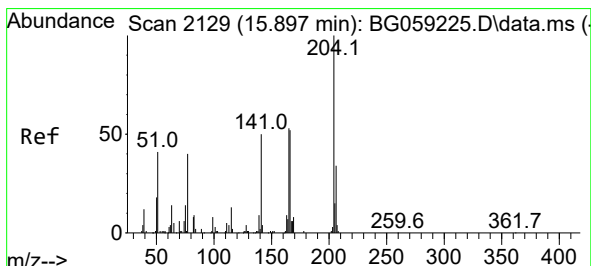
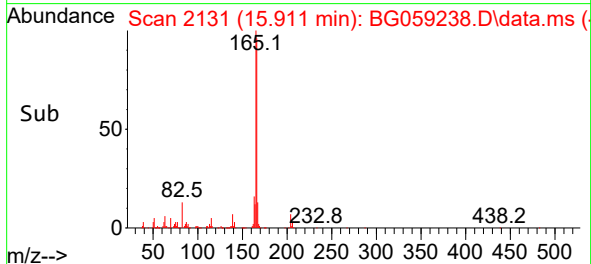
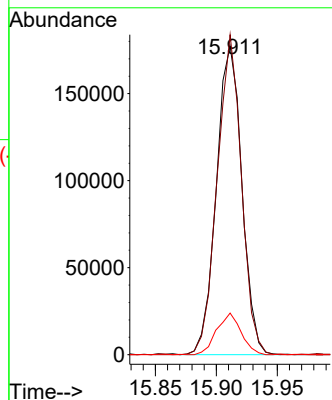
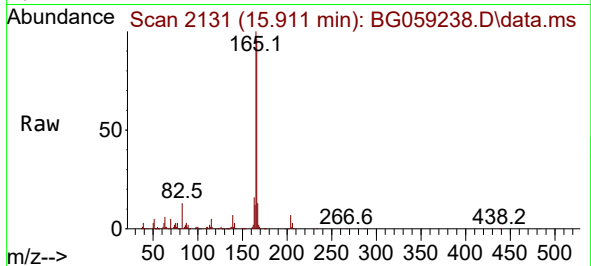




#61
Fluorene
Concen: 20.632 ng/ul
RT: 15.911 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

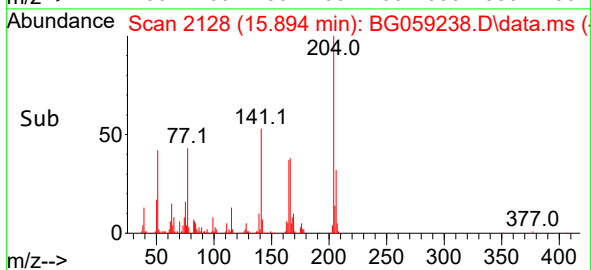
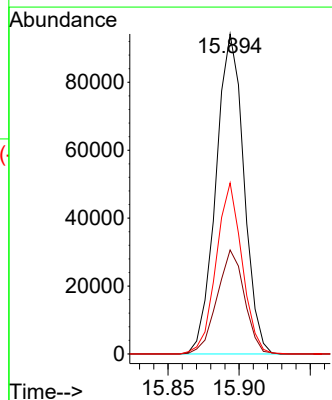
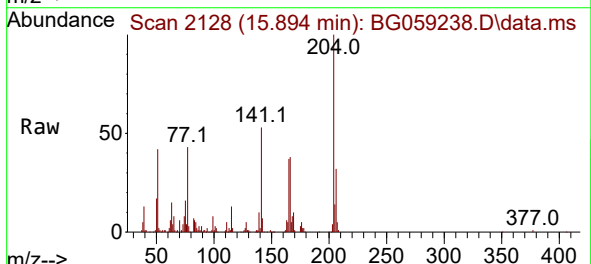
Instrument :
BNA_G
ClientSampleId :
BBJN0

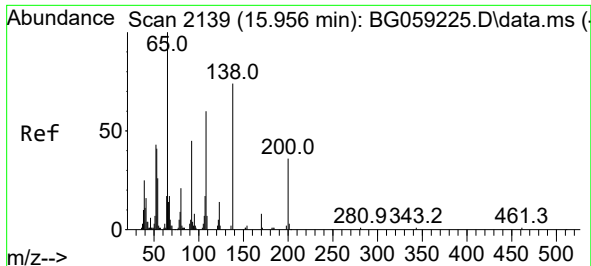
Tgt Ion:166 Resp: 258623
Ion Ratio Lower Upper
166 100
165 103.7 78.6 118.0
167 13.5 11.8 17.8



#62
4-Chlorophenyl-phenylether
Concen: 20.608 ng/ul
RT: 15.894 min Scan# 2128
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:204 Resp: 128774
Ion Ratio Lower Upper
204 100
206 32.5 23.7 35.5
141 53.5 41.6 62.4

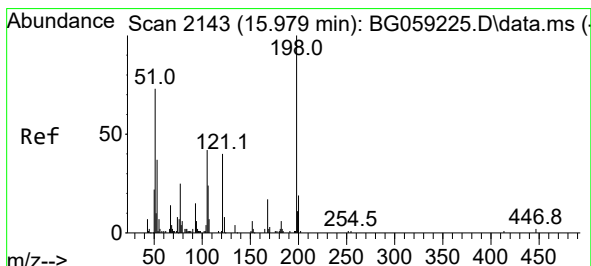
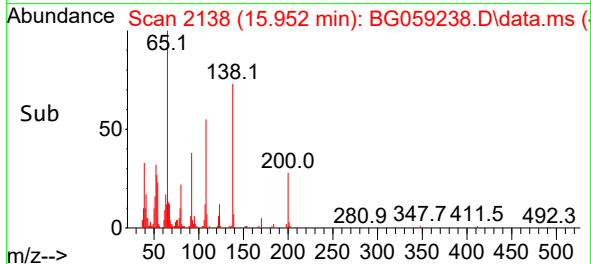
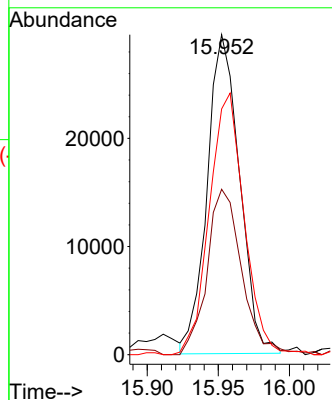
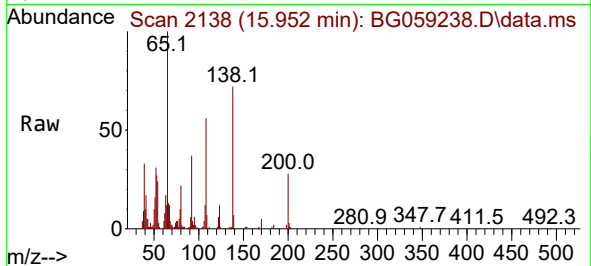




#63
4-Nitroaniline
Concen: 22.024 ng/ul
RT: 15.952 min Scan# 2138
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

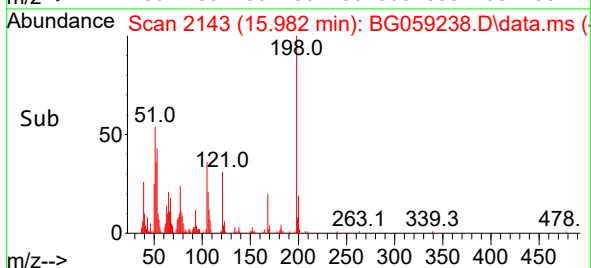
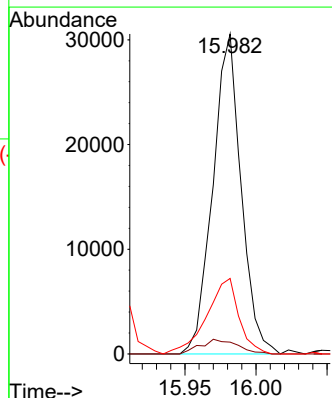
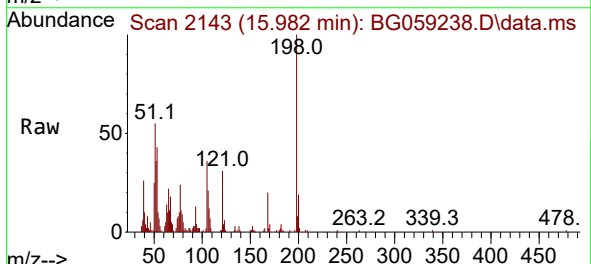
Instrument :
BNA_G
ClientSampleId :
BBJN0

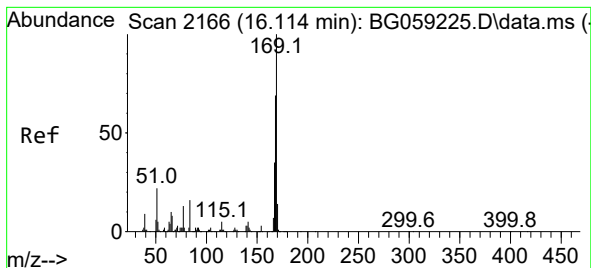
Tgt Ion:138 Resp: 46681
Ion Ratio Lower Upper
138 100
92 51.7 41.0 61.6
108 76.8 57.0 85.4



#66
4,6-Dinitro-2-methylphenol
Concen: 20.556 ng/ul
RT: 15.982 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:198 Resp: 42257
Ion Ratio Lower Upper
198 100
182 3.7 4.4 6.6#
77 23.6 23.2 34.8





#67

N-Nitrosodiphenylamine

Concen: 20.794 ng/ul

RT: 16.111 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

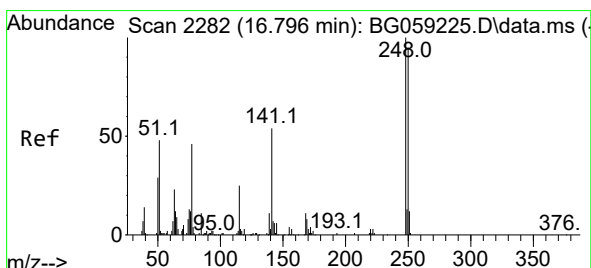
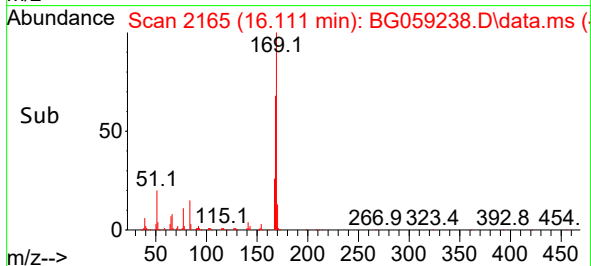
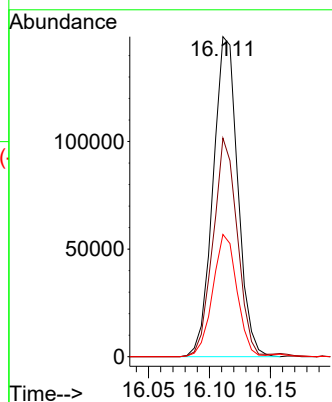
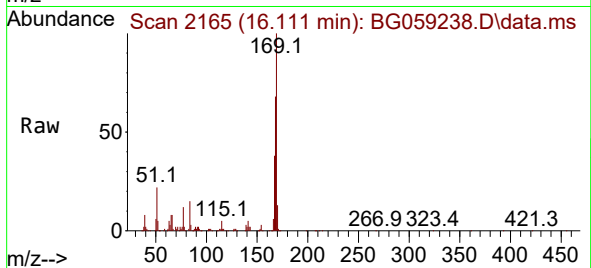
Tgt Ion:169 Resp: 210237

Ion Ratio Lower Upper

169 100

168 68.3 57.0 85.6

167 38.2 29.8 44.6



#68

4-Bromophenyl-phenylether

Concen: 20.665 ng/ul

RT: 16.793 min Scan# 2281

Delta R.T. 0.001 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

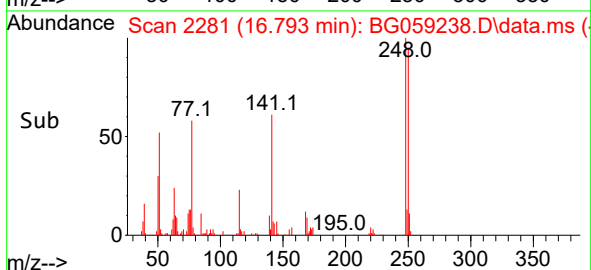
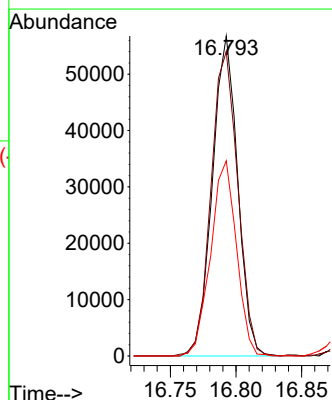
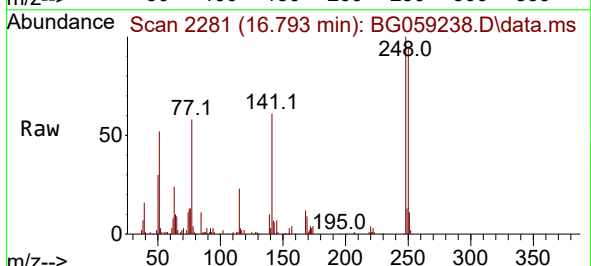
Tgt Ion:248 Resp: 75936

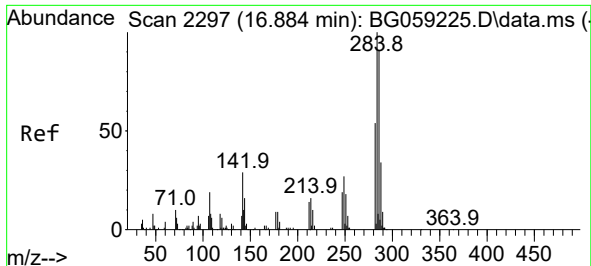
Ion Ratio Lower Upper

248 100

250 95.2 78.9 118.3

141 61.0 49.6 74.4

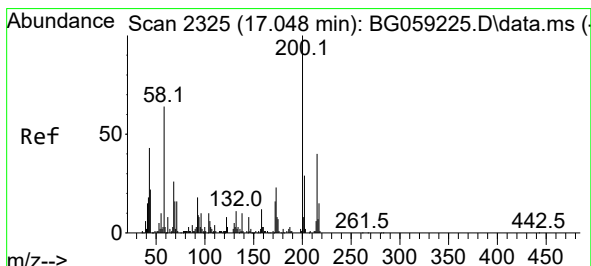
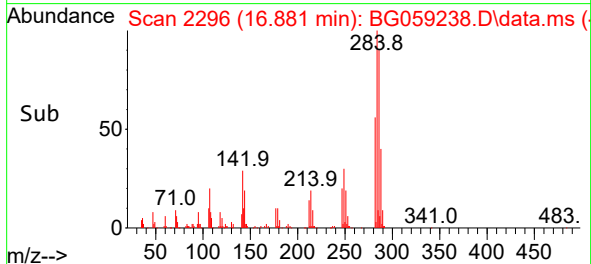
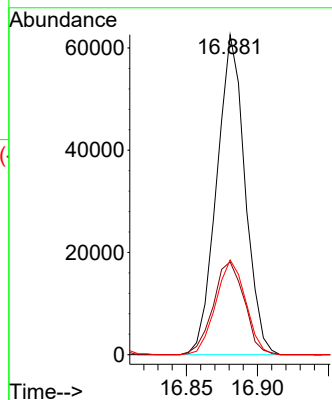
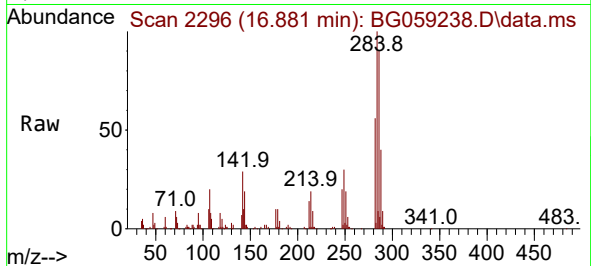




#69
Hexachlorobenzene
Concen: 20.866 ng/ul
RT: 16.881 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

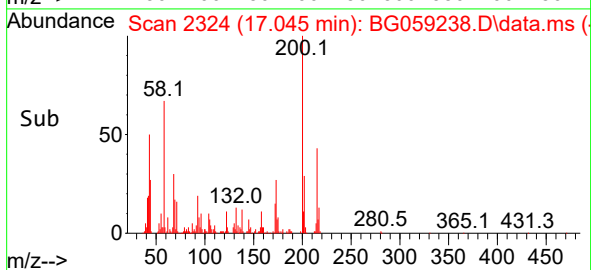
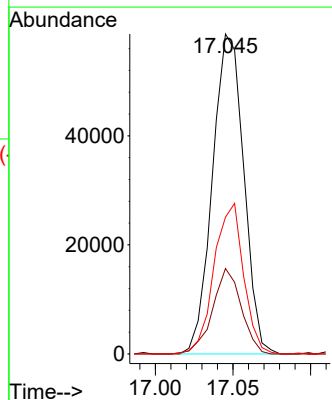
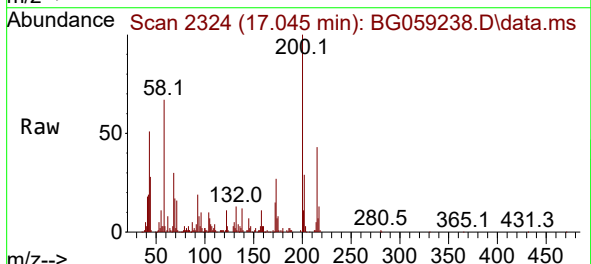
Instrument :
BNA_G
ClientSampleId :
BBJN0

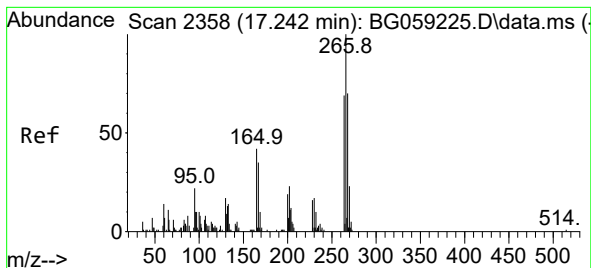
Tgt Ion:284 Resp: 86621
Ion Ratio Lower Upper
284 100
142 29.0 26.8 40.2
249 29.6 24.2 36.4



#70
Atrazine
Concen: 21.371 ng/ul
RT: 17.045 min Scan# 2324
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:200 Resp: 82161
Ion Ratio Lower Upper
200 100
173 26.7 17.4 26.0#
215 42.8 35.8 53.6





#71

Pentachlorophenol

Concen: 21.747 ng/ul

RT: 17.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

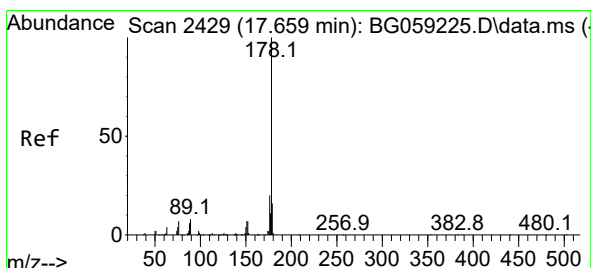
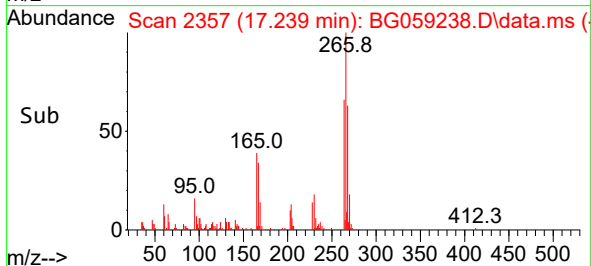
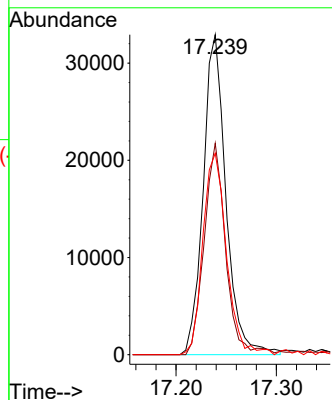
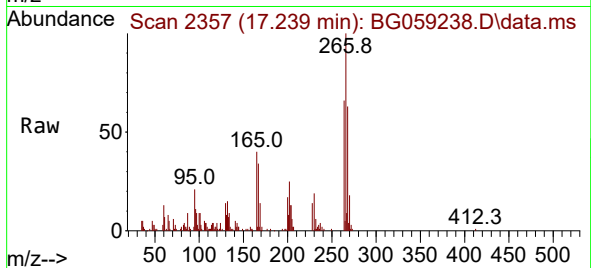
Tgt Ion:266 Resp: 51957

Ion Ratio Lower Upper

266 100

264 66.1 46.4 69.6

268 62.9 46.0 69.0



#72

Phenanthrene

Concen: 20.440 ng/ul

RT: 17.656 min Scan# 2428

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

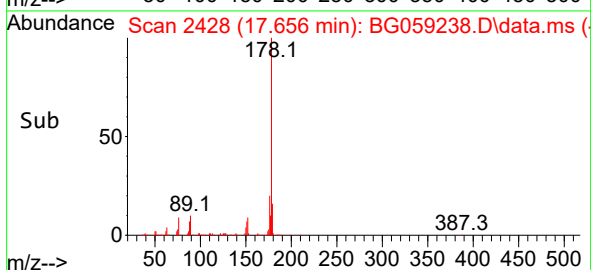
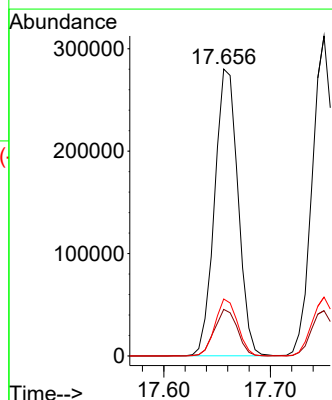
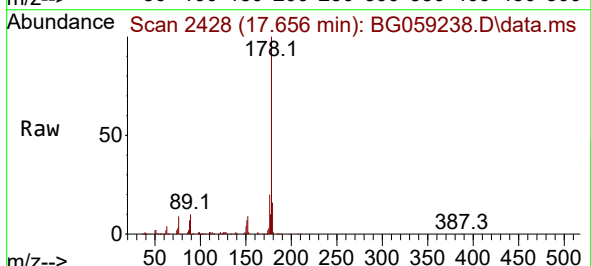
Tgt Ion:178 Resp: 425462

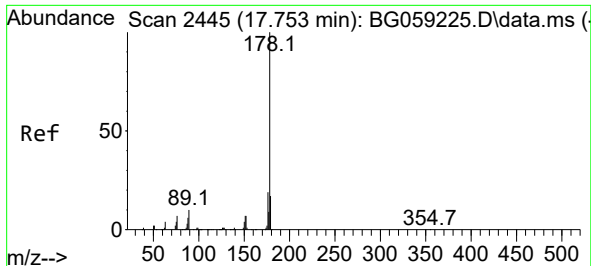
Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

176 19.9 14.6 21.8

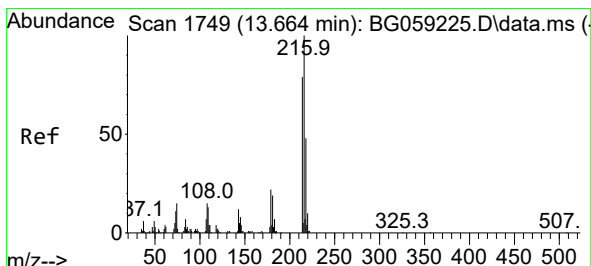
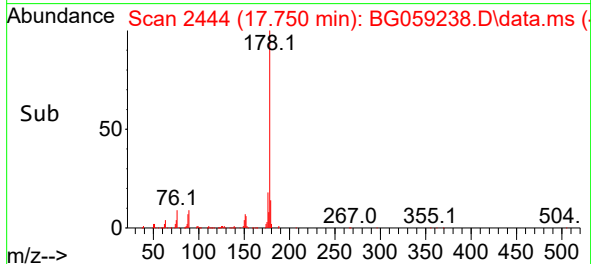
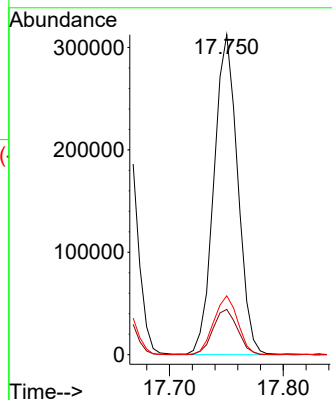
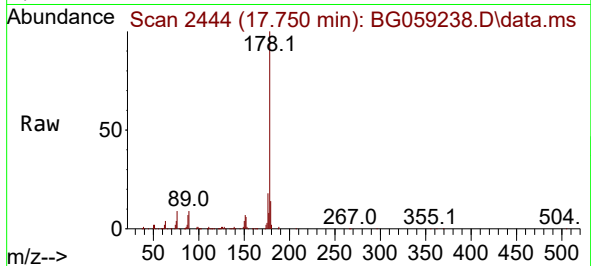




#74
 Anthracene
 Concen: 21.076 ng/uI
 RT: 17.750 min Scan# 2444
 Delta R.T. -0.005 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

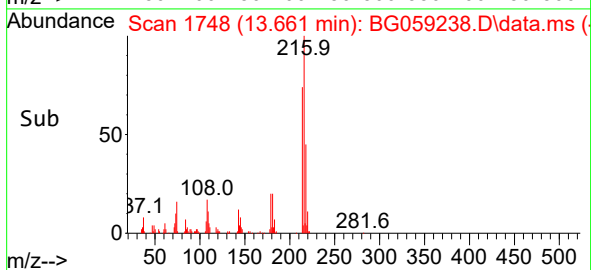
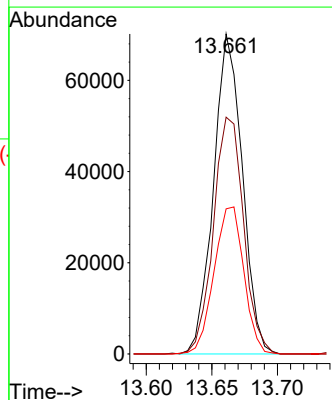
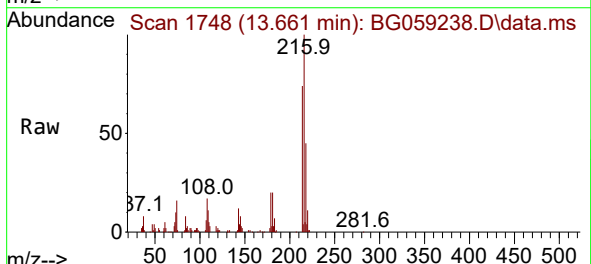
Instrument :
 BNA_G
 ClientSampleId :
 BBJN0

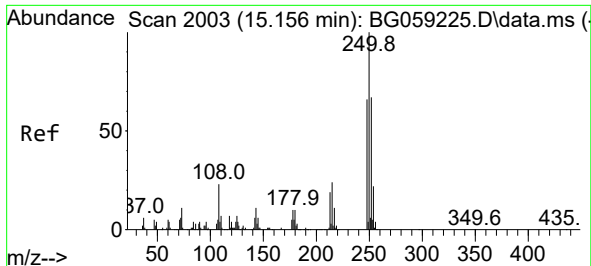
Tgt Ion:178 Resp: 453003
 Ion Ratio Lower Upper
 178 100
 179 14.1 12.0 18.0
 176 18.4 14.5 21.7



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.459 ng/uI
 RT: 13.661 min Scan# 1748
 Delta R.T. -0.005 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

Tgt Ion:216 Resp: 107260
 Ion Ratio Lower Upper
 216 100
 214 74.0 64.3 96.5
 218 45.3 38.6 57.8

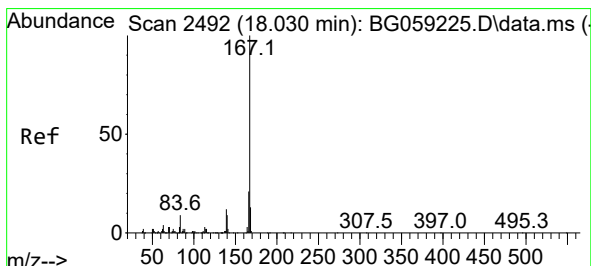
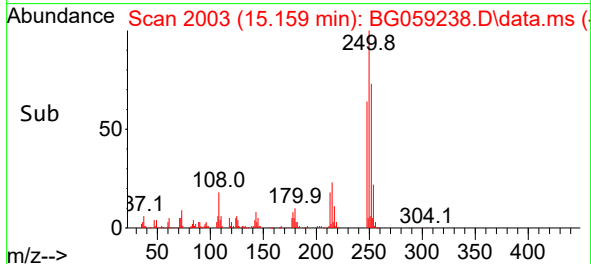
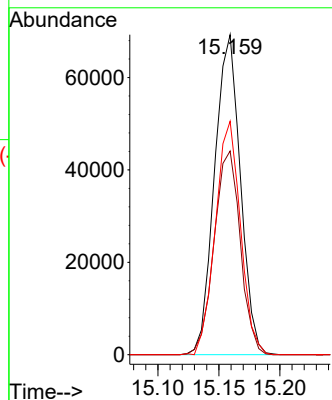
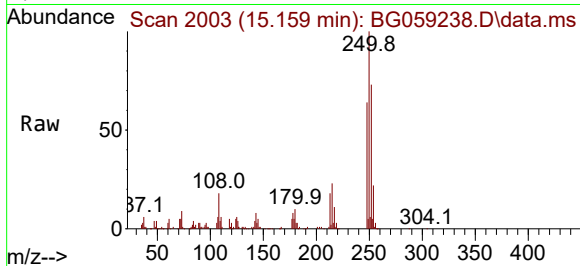




#76
 Pentachlorobenzene
 Concen: 20.684 ng/uL
 RT: 15.159 min Scan# 2003
 Delta R.T. 0.001 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

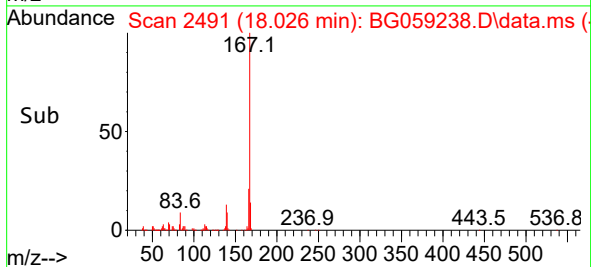
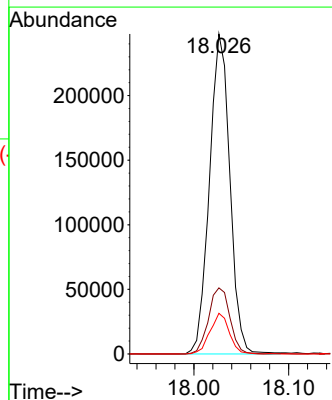
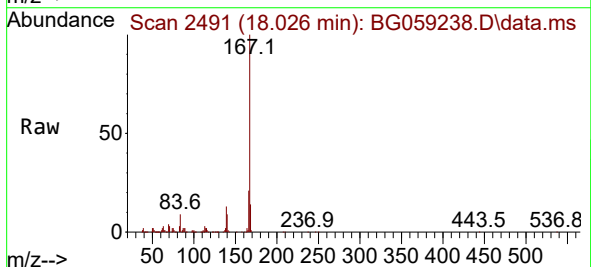
Instrument :
 BNA_G
 ClientSampleId :
 BBJN0

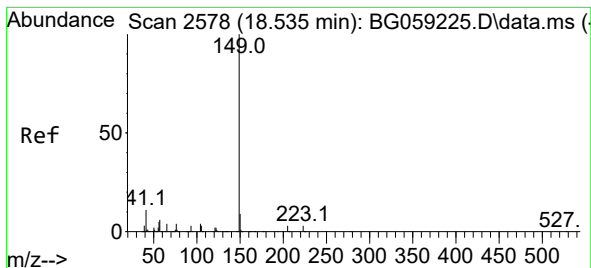
Tgt Ion:250 Resp: 102083
 Ion Ratio Lower Upper
 250 100
 248 63.6 50.4 75.6
 252 72.9 55.8 83.6



#77
 Carbazole
 Concen: 21.126 ng/uL
 RT: 18.026 min Scan# 2491
 Delta R.T. -0.005 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

Tgt Ion:167 Resp: 370087
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 12.7 9.0 13.4





#78

Di-n-butylphthalate

Concen: 21.389 ng/ul

RT: 18.532 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

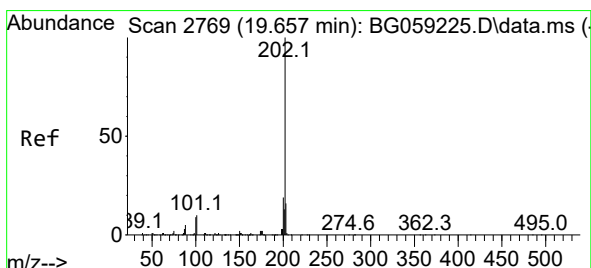
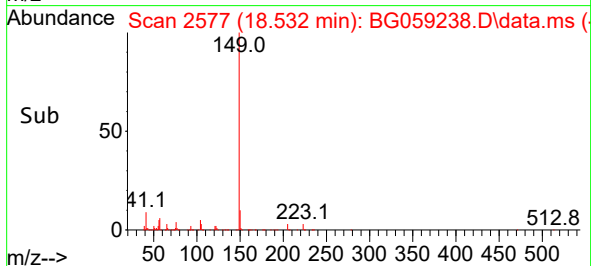
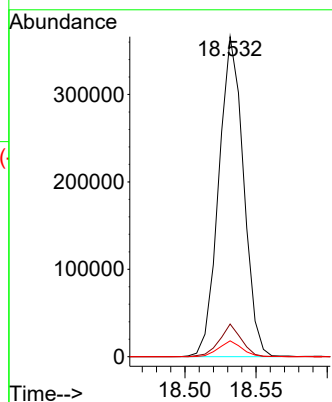
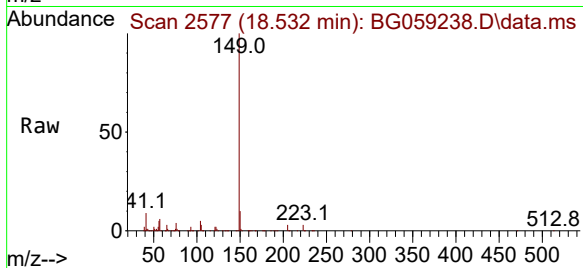
Tgt Ion:149 Resp: 444153

Ion Ratio Lower Upper

149 100

150 10.2 7.2 10.8

104 5.0 3.6 5.4



#80

Fluoranthene

Concen: 20.288 ng/ul

RT: 19.654 min Scan# 2768

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

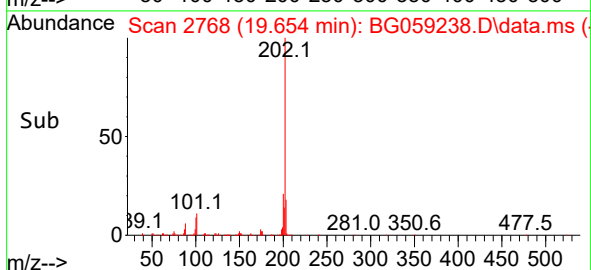
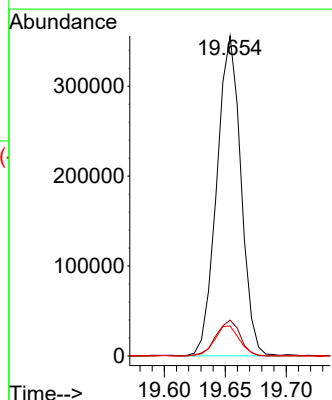
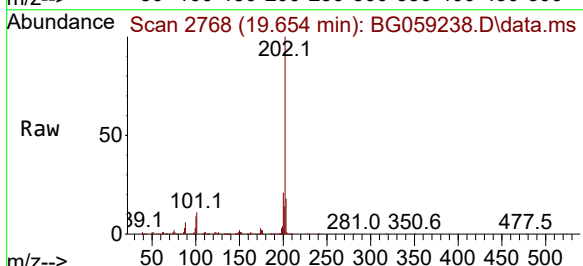
Tgt Ion:202 Resp: 491377

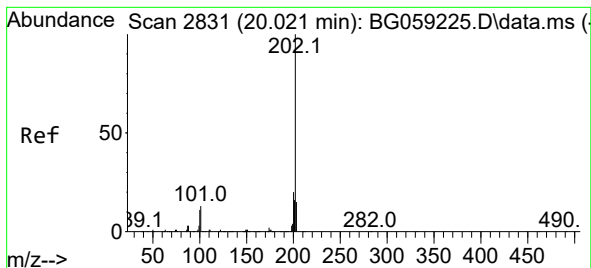
Ion Ratio Lower Upper

202 100

101 11.2 8.2 12.4

100 9.4 8.2 12.2





#82

Pyrene

Concen: 20.120 ng/ul

RT: 20.018 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

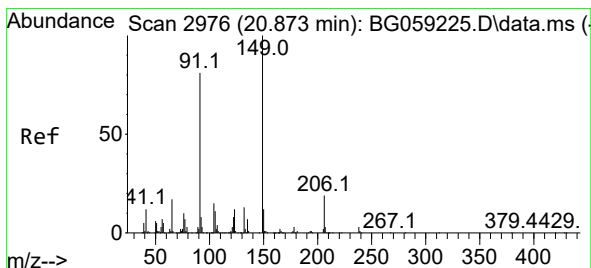
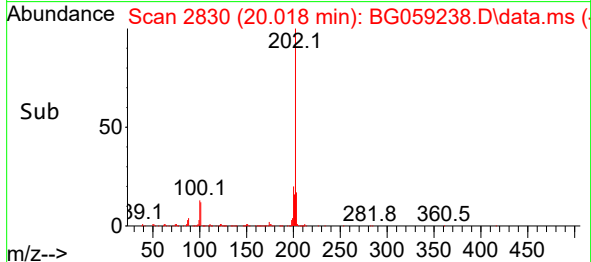
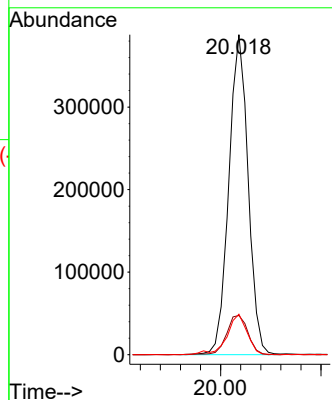
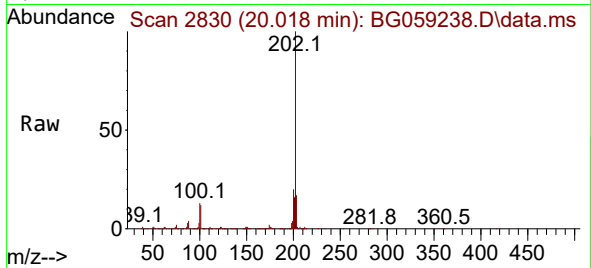
Tgt Ion:202 Resp: 516165

Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.4

100 12.7 9.6 14.4



#83

Butylbenzylphthalate

Concen: 21.379 ng/ul

RT: 20.870 min Scan# 2975

Delta R.T. -0.005 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

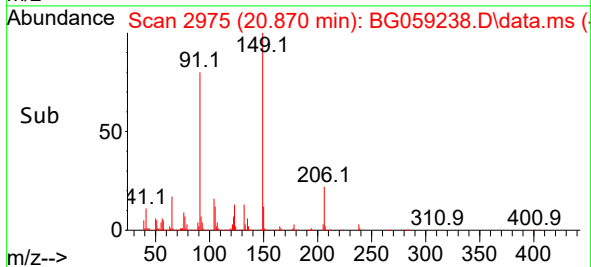
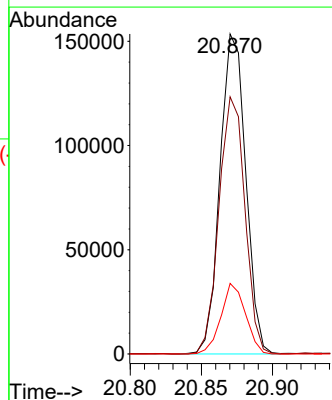
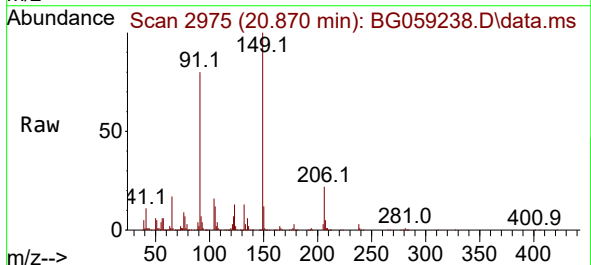
Tgt Ion:149 Resp: 193411

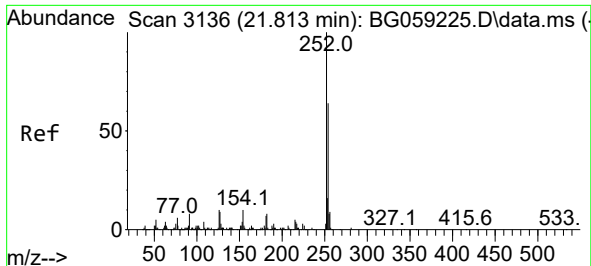
Ion Ratio Lower Upper

149 100

91 80.3 64.5 96.7

206 22.1 17.0 25.6

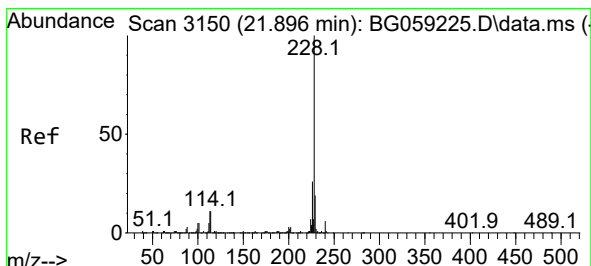
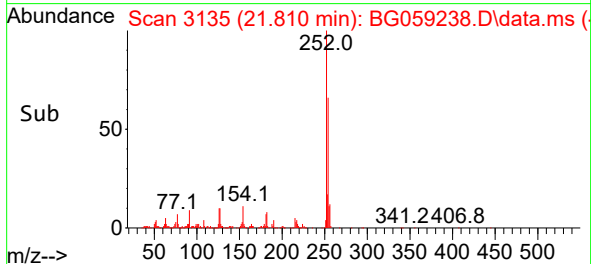
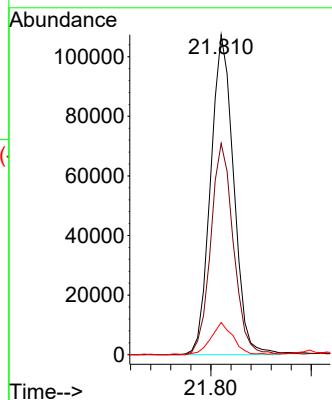
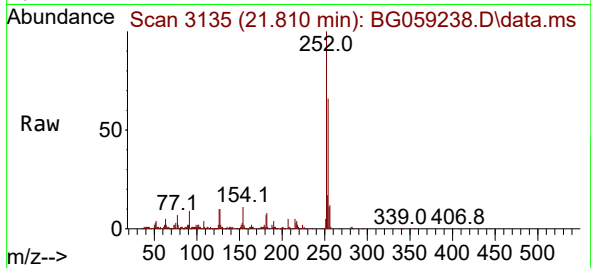




#84
3,3'-Dichlorobenzidine
Concen: 21.089 ng/ul
RT: 21.810 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

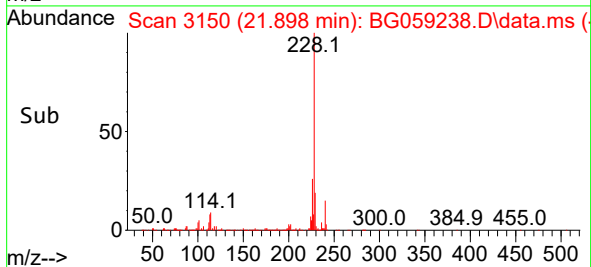
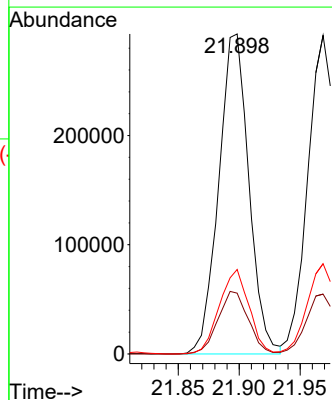
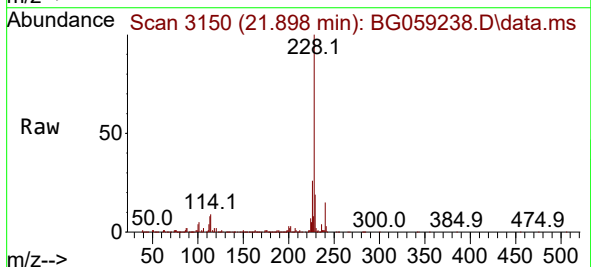
Instrument :
BNA_G
ClientSampleId :
BBJN0

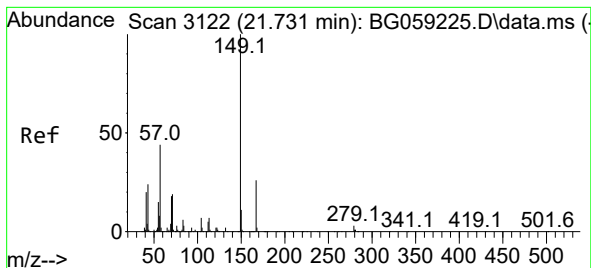
Tgt Ion:252 Resp: 171462
Ion Ratio Lower Upper
252 100
254 66.0 50.2 75.2
126 10.1 7.9 11.9



#85
Benzo(a)anthracene
Concen: 20.458 ng/ul
RT: 21.898 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:228 Resp: 505597
Ion Ratio Lower Upper
228 100
229 19.0 15.5 23.3
226 26.4 21.4 32.2

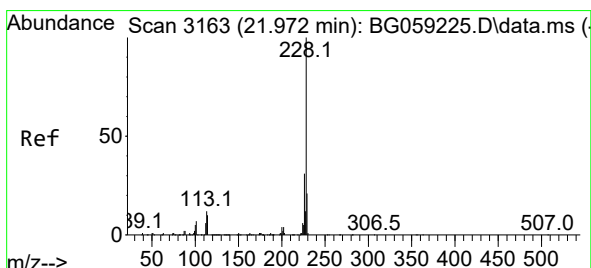
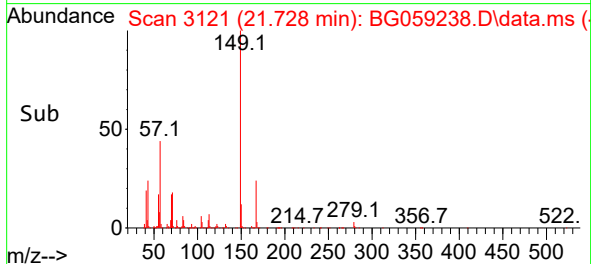
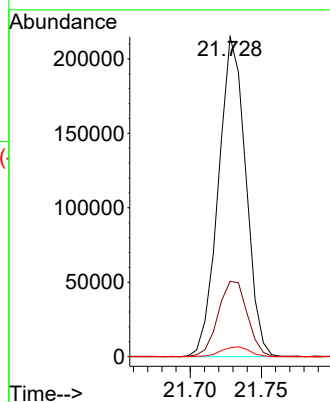
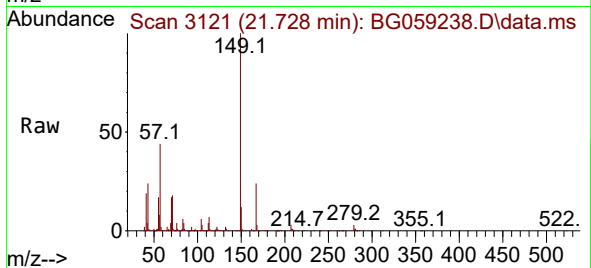




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 20.934 ng/ul
 RT: 21.728 min Scan# 3121
 Delta R.T. -0.011 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

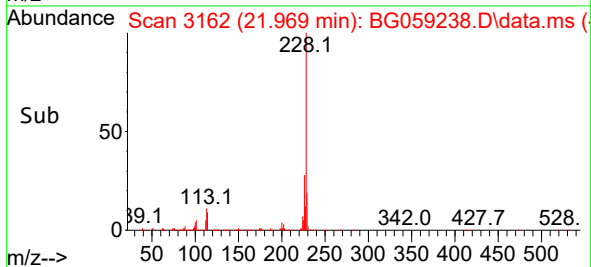
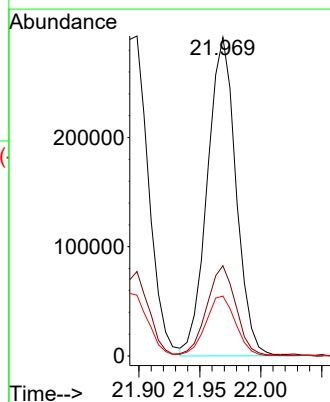
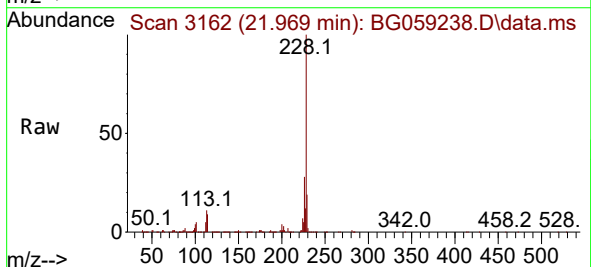
Instrument :
 BNA_G
 ClientSampleId :
 BBJN0

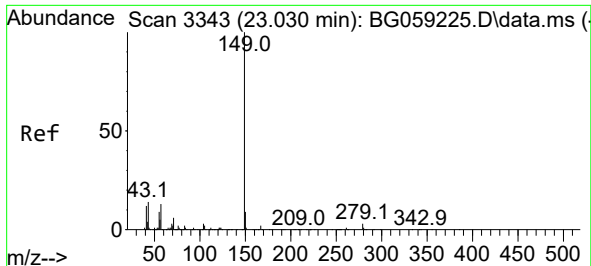
Tgt Ion:149 Resp: 287575
 Ion Ratio Lower Upper
 149 100
 167 23.6 19.1 28.7
 279 2.8 2.9 4.3#



#87
 Chrysene
 Concen: 20.438 ng/ul
 RT: 21.969 min Scan# 3162
 Delta R.T. -0.005 min
 Lab File: BG059238.D
 Acq: 28 Sep 2023 17:40

Tgt Ion:228 Resp: 477051
 Ion Ratio Lower Upper
 228 100
 226 28.3 24.2 36.4
 229 18.8 16.2 24.2

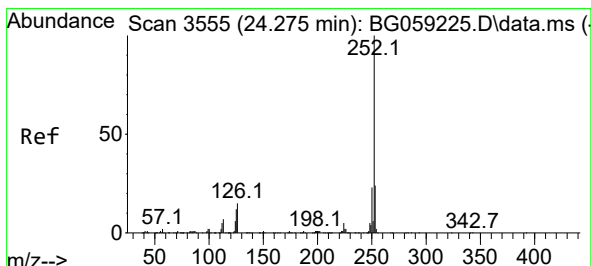
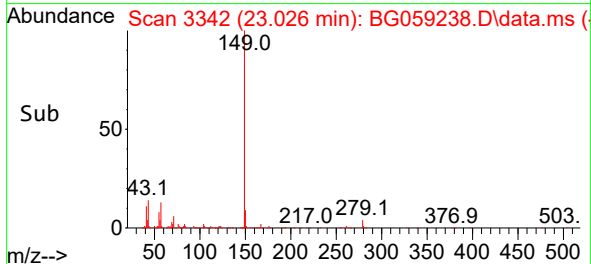
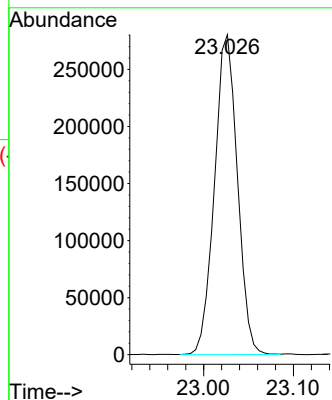
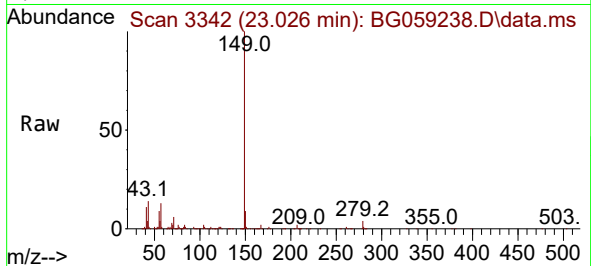




#89
Di-n-octyl phthalate
Concen: 20.554 ng/ul
RT: 23.026 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

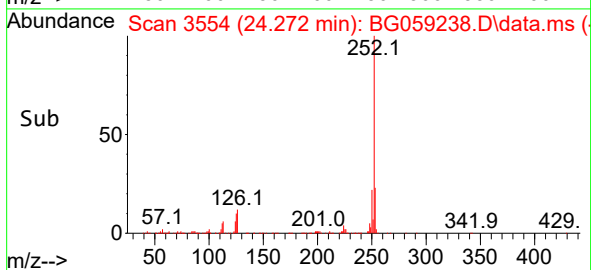
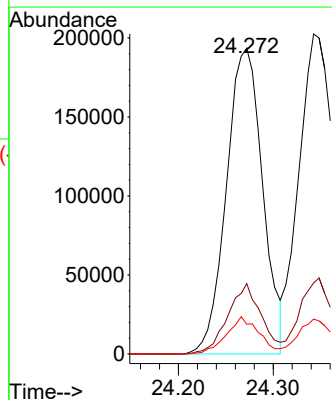
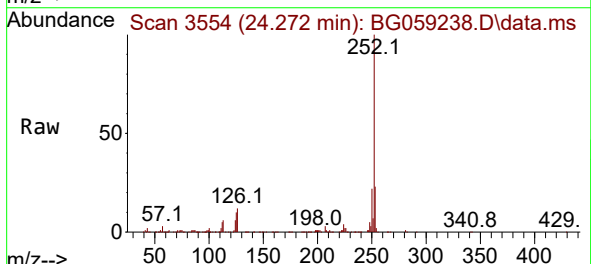
Instrument :
BNA_G
ClientSampleId :
BBJN0

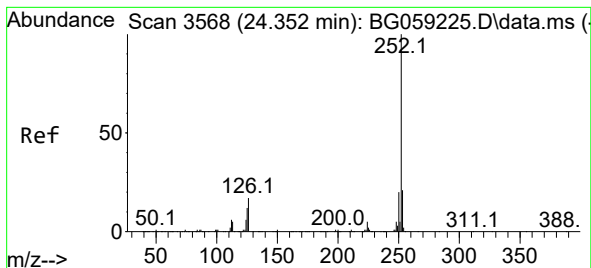
Tgt Ion:149 Resp: 496549



#90
Benzo(b)fluoranthene
Concen: 20.215 ng/ul
RT: 24.272 min Scan# 3554
Delta R.T. -0.011 min
Lab File: BG059238.D
Acq: 28 Sep 2023 17:40

Tgt Ion:252 Resp: 514317
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 9.8 8.1 12.1





#91

Benzo(k)fluoranthene

Concen: 20.333 ng/ul

RT: 24.343 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

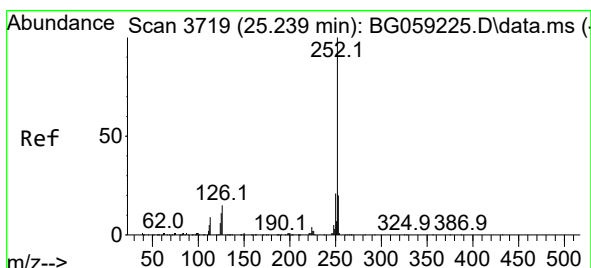
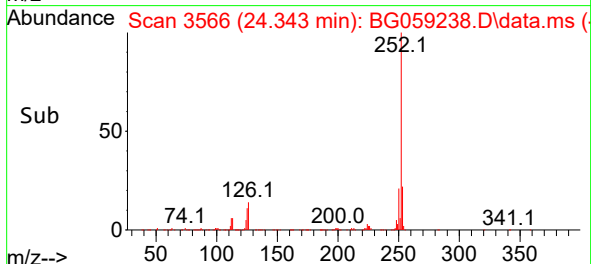
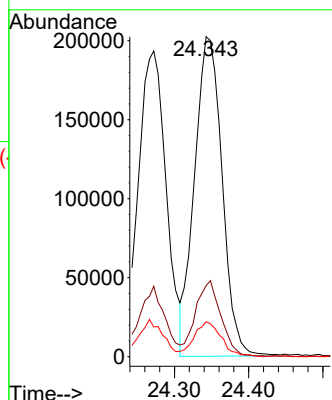
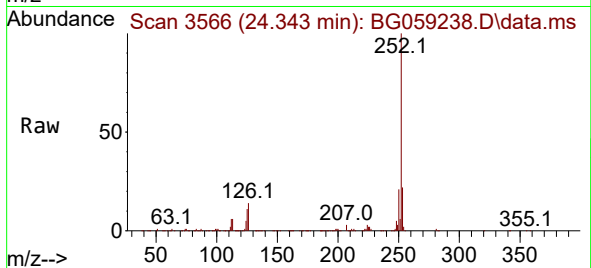
Tgt Ion:252 Resp: 524169

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.9 8.1 12.1



#93

Benzo(a)pyrene

Concen: 20.153 ng/ul

RT: 25.230 min Scan# 3717

Delta R.T. -0.011 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

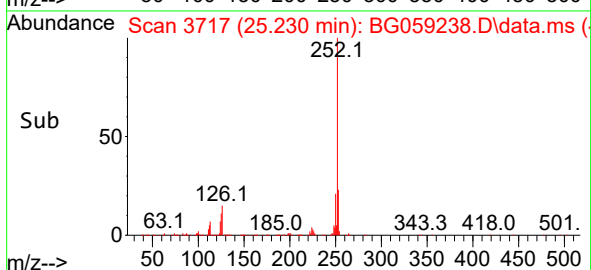
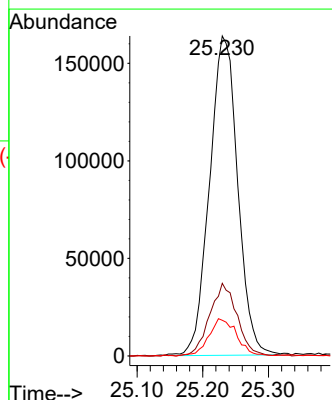
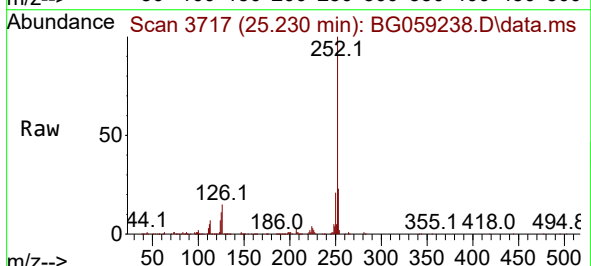
Tgt Ion:252 Resp: 486395

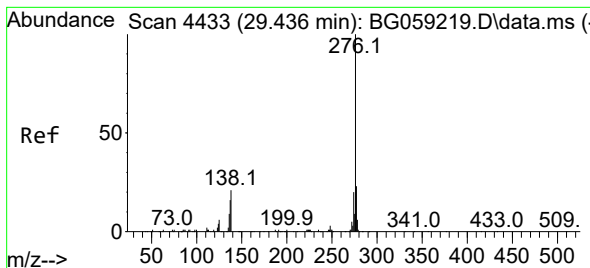
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 11.1 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.502 ng/ul

RT: 29.413 min Scan# 4433

Delta R.T. -0.023 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Instrument :

BNA_G

ClientSampleId :

BBJN0

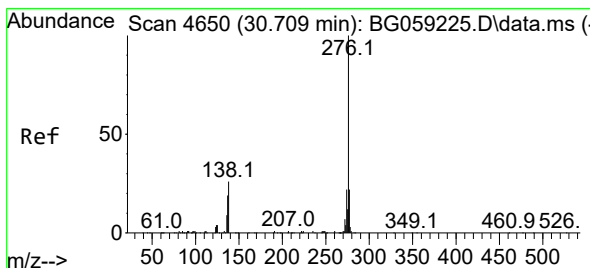
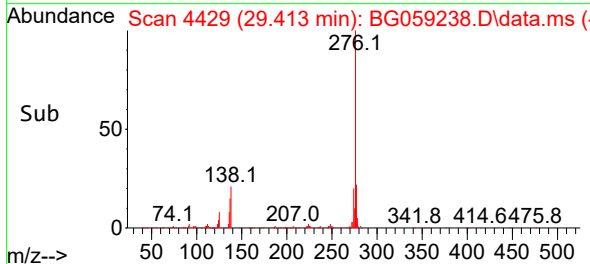
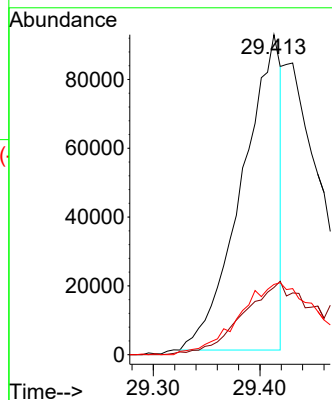
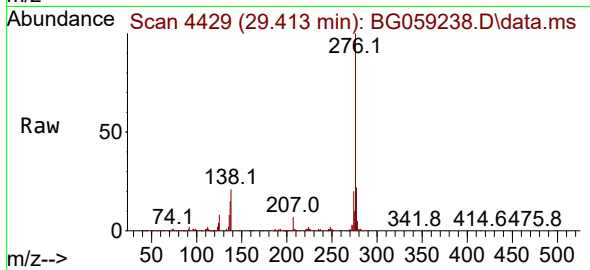
Tgt Ion:276 Resp: 232280

Ion Ratio Lower Upper

276 100

138 21.0 17.0 25.6

277 21.9 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 12.452 ng/ul

RT: 30.694 min Scan# 4647

Delta R.T. -0.017 min

Lab File: BG059238.D

Acq: 28 Sep 2023 17:40

Tgt Ion:276 Resp: 276624

Ion Ratio Lower Upper

276 100

138 21.9 16.6 25.0

277 21.7 20.0 30.0

