

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
 Data File : BG059519.D
 Acq On : 28 Oct 2023 13:07
 Operator : MA/JU
 Sample : 04925-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCCW9MS

Quant Time: Oct 30 02:13:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	68250	20.000	ng/u1	0.00
20) Naphthalene-d8	11.214	136	315148	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.992	164	196592	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.741	188	435275	20.000	ng/u1	0.00
79) Chrysene-d12	22.083	240	349943	20.000	ng/u1	0.00
88) Perylene-d12	25.697	264	379643	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	6610	3.624	ng/uL	0.00
4) Pyridine-d5	4.099	84	9095	1.784	ng/u1	0.00
7) Phenol-d5	7.465	99	145729	20.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.683	67	65272	20.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.876	132	112825	19.829	ng/u1	0.00
15) 4-Methylphenol-d8	9.046	113	108751	19.545	ng/u1	0.00
21) Nitrobenzene-d5	9.563	128	48677	21.723	ng/u1	0.00
24) 2-Nitrophenol-d4	10.280	143	50034	21.750	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	113503	22.395	ng/u1	0.00
31) 4-Chloroaniline-d4	11.349	131	120956	14.497	ng/u1	0.00
46) Dimethylphthalate-d6	14.387	166	362851	20.373	ng/u1	0.00
49) Acenaphthylene-d8	14.692	160	428771	20.513	ng/u1	0.00
54) 4-Nitrophenol-d4	15.156	143	67363	22.055	ng/u1	0.00
60) Fluorene-d10	15.979	176	320233	21.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	47740	23.160	ng/u1	0.00
73) Anthracene-d10	17.841	188	493558	20.930	ng/u1	0.00
81) Pyrene-d10	20.109	212	543414	22.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.438	264	476707	21.324	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.699	88	15970	7.822	ng/uL#	88
6) Benzaldehyde	7.500	77	82700	26.179	ng/u1	90
8) Phenol	7.495	94	180752	27.338	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.777	93	118642	24.469	ng/u1	97
12) 2-Chlorophenol	7.912	128	128424	22.767	ng/u1	98
13) 2-Methylphenol	8.775	108	129315	23.461	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.881	45	106024	23.236	ng/u1#	92
16) Acetophenone	9.210	105	281785	32.127	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.169	70	98576	23.852	ng/u1#	95
18) 4-Methylphenol	9.110	108	149974	25.573	ng/u1	98
19) Hexachloroethane	9.451	117	52703	23.524	ng/u1#	86
22) Nitrobenzene	9.604	77	128057	26.476	ng/u1	95
23) Isophorone	10.115	82	293579	24.103	ng/u1	95
25) 2-Nitrophenol	10.315	139	68505	27.690	ng/u1#	85
26) 2,4-Dimethylphenol	10.332	107	85928	13.205	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.603	93	164620	24.273	ng/u1	98
29) 2,4-Dichlorophenol	10.832	162	127077	25.916	ng/u1	90
30) Naphthalene	11.267	128	479110	24.391	ng/u1	98
32) 4-Chloroaniline	11.378	127	141623	17.870	ng/u1	91
33) Hexachlorobutadiene	11.502	225	69203	23.526	ng/u1	94
34) Caprolactam	12.148	113	49247	27.454	ng/u1	91
35) 4-Chloro-3-methylphenol	12.436	107	161672	27.634	ng/u1	91
36) 2-Methylnaphthalene	12.841	142	330271	24.440	ng/u1	96
37) 1-Methylnaphthalene	13.059	142	328314	24.392	ng/u1	99

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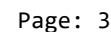
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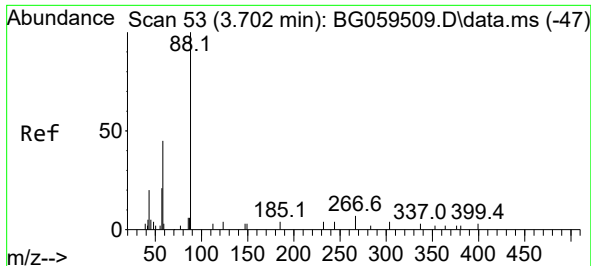
Quant Time: Oct 30 02:13:04 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.182	216	135612	23.916	ng/ul	98
40) Hexachlorocyclopentadiene	13.135	237	74895	22.658	ng/ul	99
41) 2,4,6-Trichlorophenol	13.423	196	100521	25.602	ng/ul	93
42) 2,4,5-Trichlorophenol	13.488	196	105276	24.766	ng/ul	97
43) 1,1'-Biphenyl	13.828	154	424390	23.863	ng/ul	97
44) 2-Chloronaphthalene	13.881	162	334121	24.172	ng/ul	98
45) 2-Nitroaniline	14.093	65	75596	29.393	ng/ul	92
47) Dimethylphthalate	14.439	163	421052	23.928	ng/ul#	95
48) 2,6-Dinitrotoluene	14.575	165	70999	26.747	ng/ul#	82
50) Acenaphthylene	14.721	152	573277	23.804	ng/ul	98
51) 3-Nitroaniline	14.909	138	82509	24.937	ng/ul#	72
52) Acenaphthene	15.056	153	377856	24.070	ng/ul	97
53) 2,4-Dinitrophenol	15.097	184	40036	26.545	ng/ul	92
55) 4-Nitrophenol	15.168	109	93627	27.816	ng/ul	92
56) Dibenzofuran	15.385	168	502840	24.707	ng/ul	97
57) 2,4-Dinitrotoluene	15.344	165	107705	28.846	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.591	232	88860	26.635	ng/ul#	90
59) Diethylphthalate	15.785	149	479920	25.002	ng/ul	98
61) Fluorene	16.038	166	426598	24.280	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.020	204	190749	25.404	ng/ul	91
63) 4-Nitroaniline	16.067	138	92917	26.462	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.096	198	59102	27.205	ng/ul#	84
67) N-Nitrosodiphenylamine	16.237	169	369566	24.848	ng/ul	96
68) 4-Bromophenyl-phenylether	16.919	248	109906	25.233	ng/ul	95
69) Hexachlorobenzene	17.007	284	128541	25.535	ng/ul	95
70) Atrazine	17.171	200	121155	26.288	ng/ul#	92
71) Pentachlorophenol	17.359	266	81455	28.324	ng/ul	95
72) Phenanthrene	17.788	178	709079	25.058	ng/ul	96
74) Anthracene	17.877	178	699890	24.496	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.787	216	138127	23.829	ng/uL	95
76) Pentachlorobenzene	15.280	250	124505	22.635	ng/uL	96
77) Carbazole	18.147	167	690690	28.140	ng/ul	97
78) Di-n-butylphthalate	18.670	149	885450	26.256	ng/ul	100
80) Fluoranthene	19.780	202	781384	26.353	ng/ul	98
82) Pyrene	20.139	202	804645	26.126	ng/ul	99
83) Butylbenzylphthalate	21.014	149	388476	27.930	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.966	252	117032	12.860	ng/ul#	98
85) Benzo(a)anthracene	22.060	228	737684	25.616	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.913	149	563299	27.141	ng/ul	98
87) Chrysene	22.136	228	692071	25.834	ng/ul	97
89) Di-n-octyl phthalate	23.270	149	946664	28.481	ng/ul	100
90) Benzo(b)fluoranthene	24.528	252	712870	25.904	ng/ul	98
91) Benzo(k)fluoranthene	24.604	252	708744	25.784	ng/ul	94
93) Benzo(a)pyrene	25.520	252	656194	25.229	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.880	276	382448	11.601	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.980	278	705651	25.916	ng/ul	95
96) Benzo(g,h,i)perylene	31.214	276	417951	15.490	ng/ul	97

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

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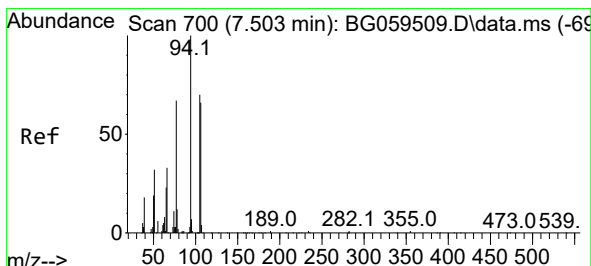
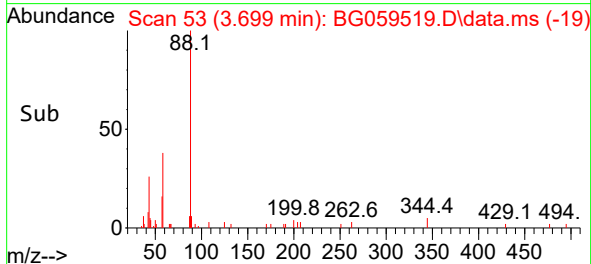
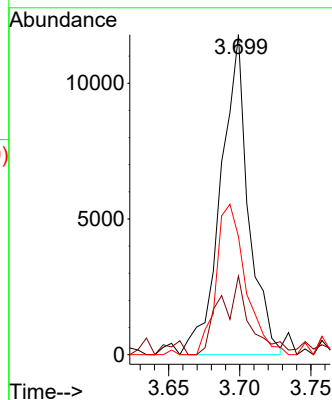
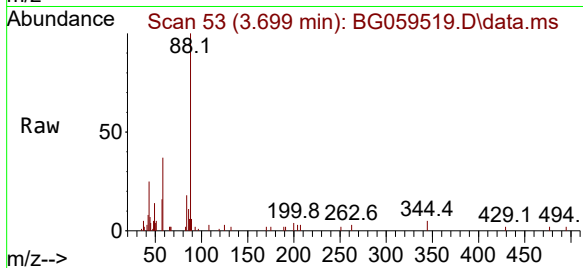




#2
1,4-Dioxane
Concen: 7.822 ng/uL
RT: 3.699 min Scan# 51
Delta R.T. -0.003 min
Lab File: BG059519.D
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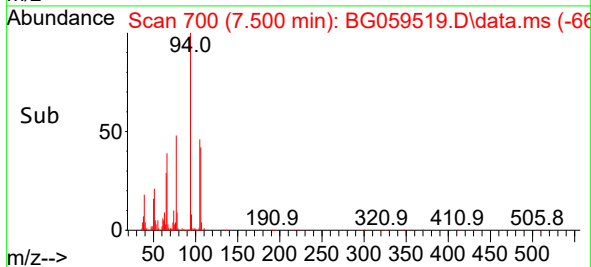
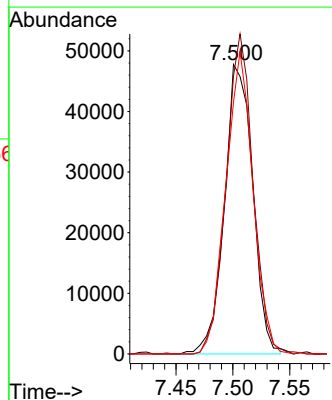
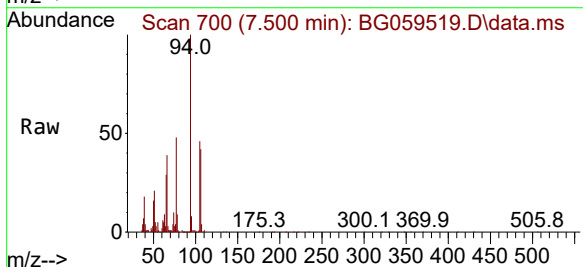
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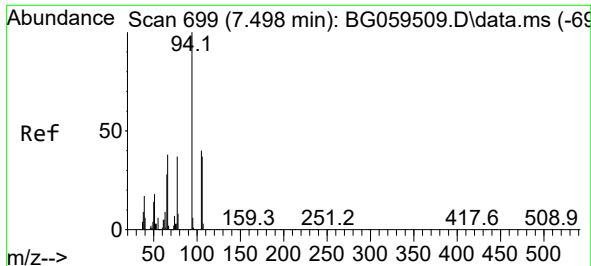
Tgt Ion: 88 Resp: 15970
Ion Ratio Lower Upper
88 100
43 24.6 15.7 23.5#
58 36.9 36.2 54.2



#6
Benzaldehyde
Concen: 26.179 ng/uL
RT: 7.500 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion: 77 Resp: 82700
Ion Ratio Lower Upper
77 100
105 96.0 83.6 125.4
106 86.9 78.6 118.0

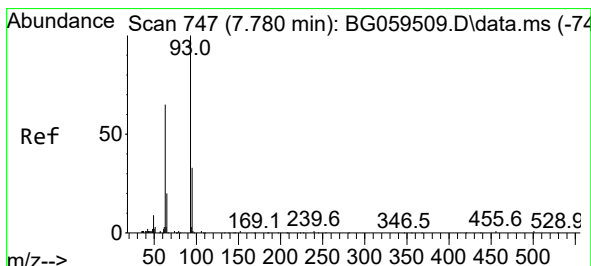
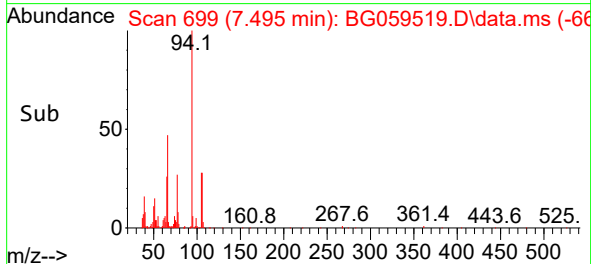
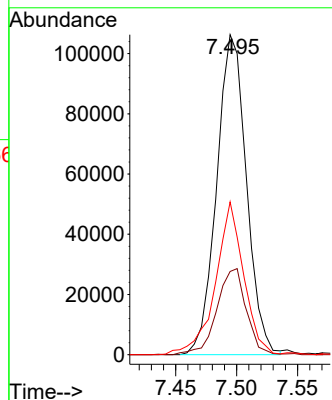
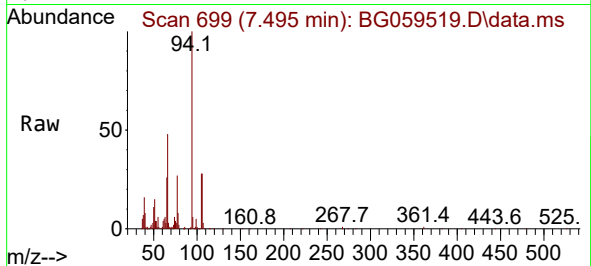




#8
Phenol
Concen: 27.338 ng/ul
RT: 7.495 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

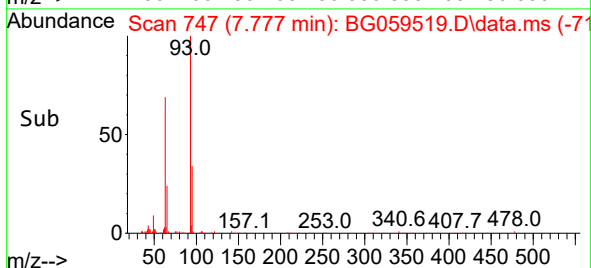
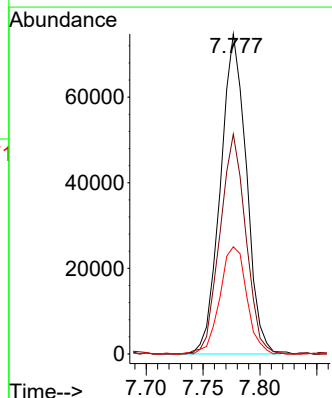
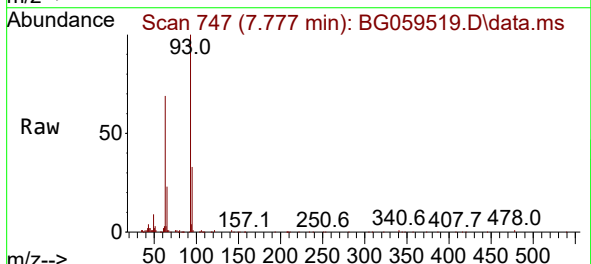
Instrument :
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ClientSampleId :
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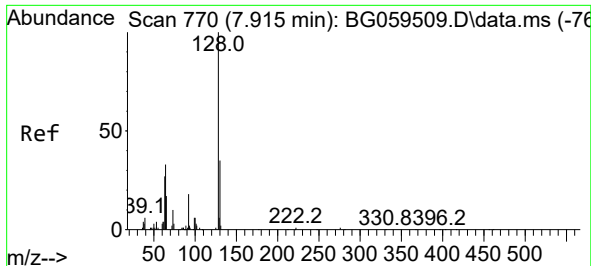
Tgt Ion: 94 Resp: 180752
Ion Ratio Lower Upper
94 100
65 26.0 22.5 33.7
66 47.8 31.1 46.7#



#10
Bis(2-Chloroethyl)ether
Concen: 24.469 ng/ul
RT: 7.777 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion: 93 Resp: 118642
Ion Ratio Lower Upper
93 100
63 68.7 52.5 78.7
95 33.5 26.5 39.7

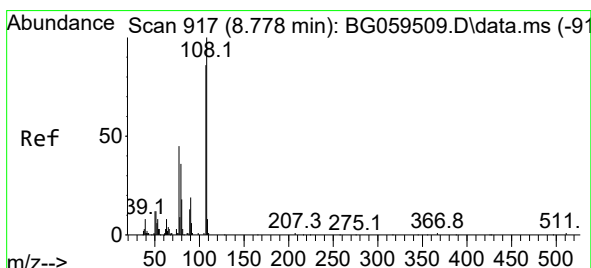
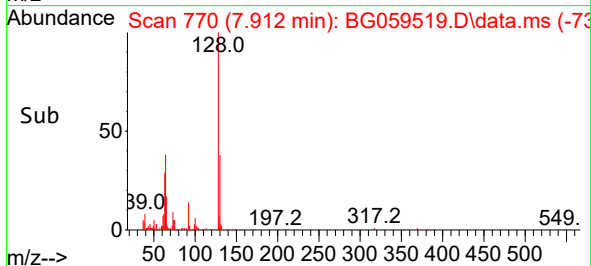
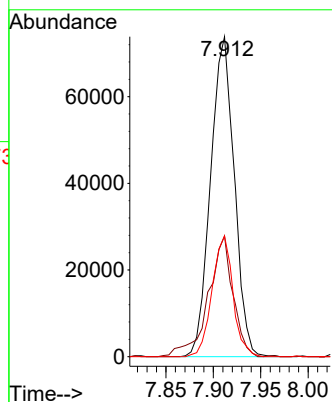
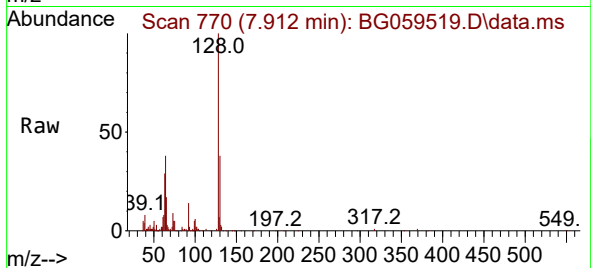




#12
2-Chlorophenol
Concen: 22.767 ng/ul
RT: 7.912 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

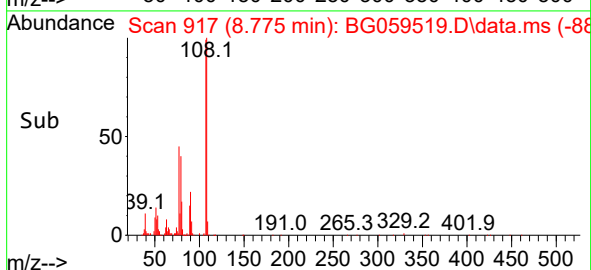
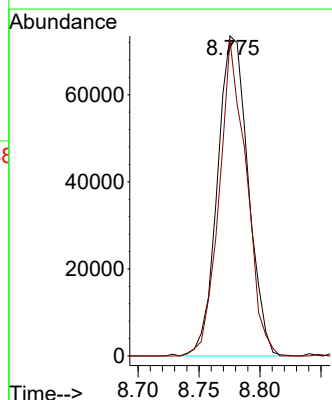
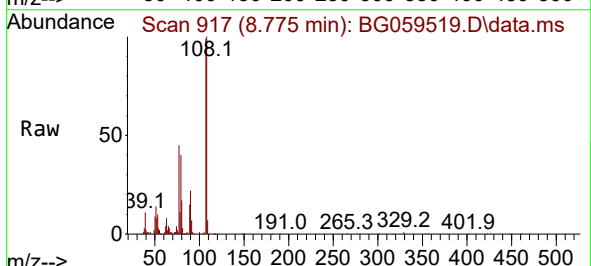
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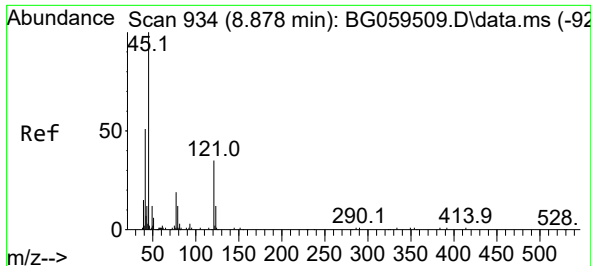
Tgt Ion:128 Resp: 128424
Ion Ratio Lower Upper
128 100
64 37.7 30.2 45.2
130 37.7 27.9 41.9



#13
2-Methylphenol
Concen: 23.461 ng/ul
RT: 8.775 min Scan# 917
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:108 Resp: 129315
Ion Ratio Lower Upper
108 100
107 98.9 68.6 102.8

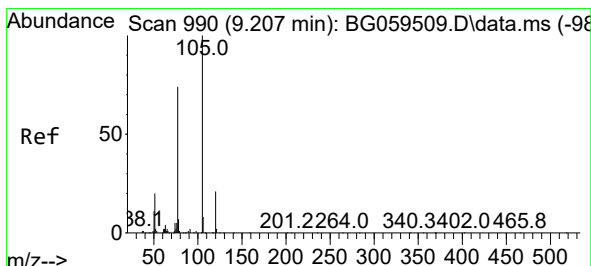
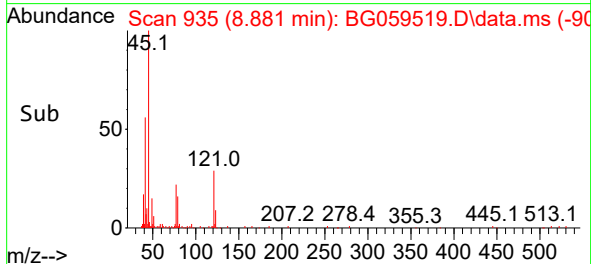
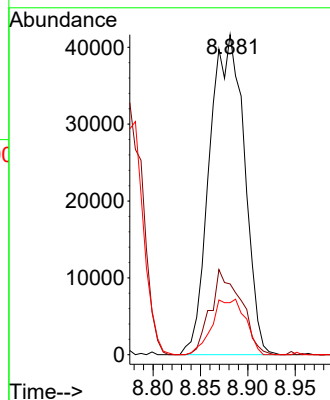
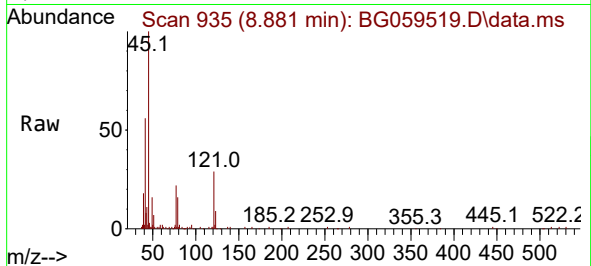




#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.236 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

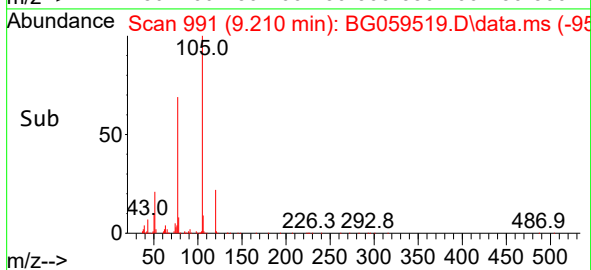
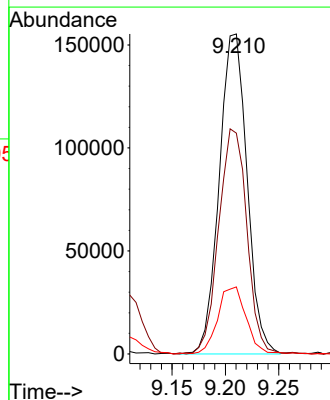
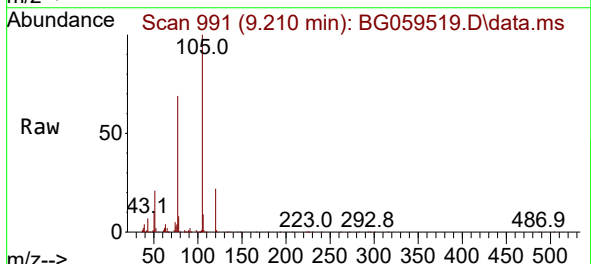
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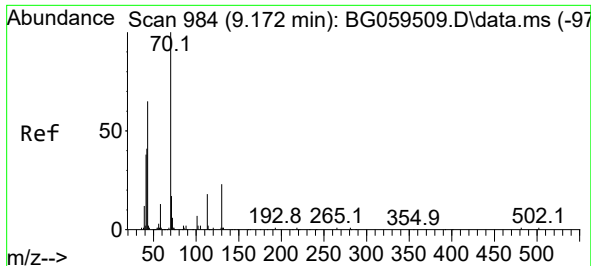
Tgt Ion: 45 Resp: 106024
Ion Ratio Lower Upper
45 100
77 22.1 15.0 22.6
79 16.2 10.0 15.0#



#16
Acetophenone
Concen: 32.127 ng/ul
RT: 9.210 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion: 105 Resp: 281785
Ion Ratio Lower Upper
105 100
77 69.0 59.6 89.4
51 20.9 16.2 24.4

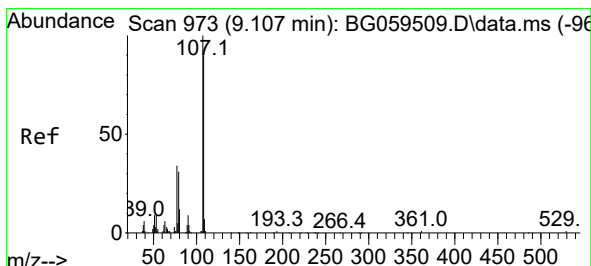
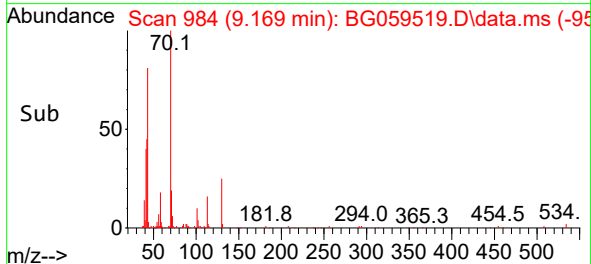
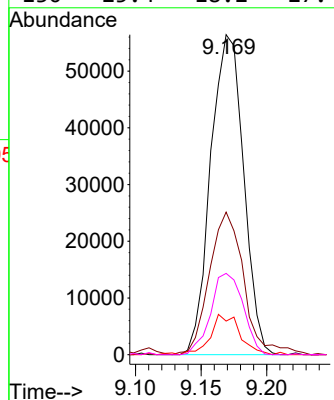
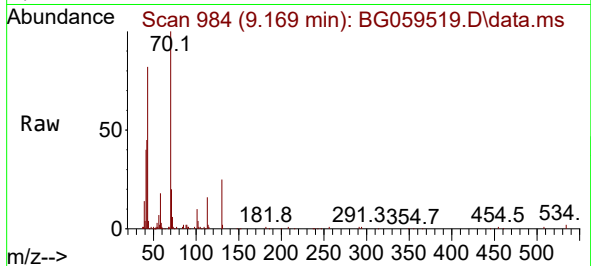




#17
N-Nitroso-di-n-propylamine
Concen: 23.852 ng/ul
RT: 9.169 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

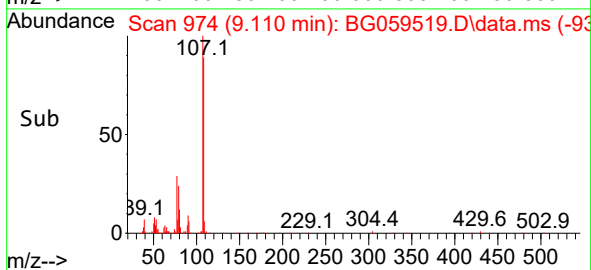
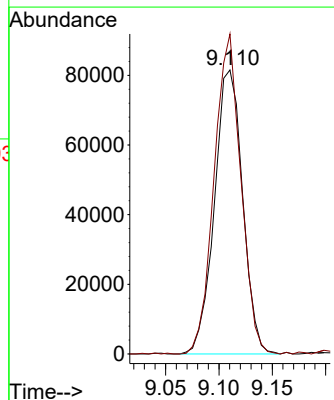
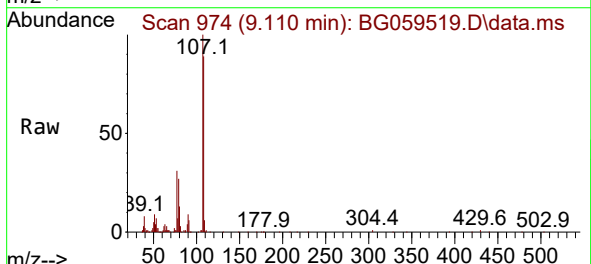
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

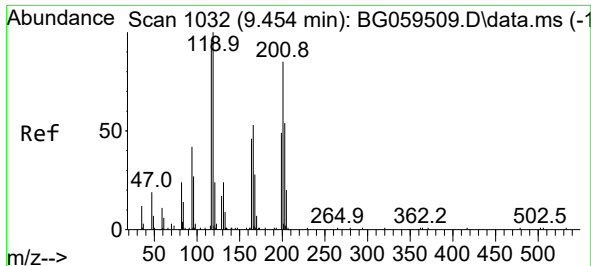
Tgt Ion: 70 Resp: 98576
Ion Ratio Lower Upper
70 100
42 44.6 33.8 50.8
101 10.5 5.4 8.0#
130 25.4 18.2 27.4



#18
4-Methylphenol
Concen: 25.573 ng/ul
RT: 9.110 min Scan# 974
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion: 108 Resp: 149974
Ion Ratio Lower Upper
108 100
107 112.7 88.9 133.3

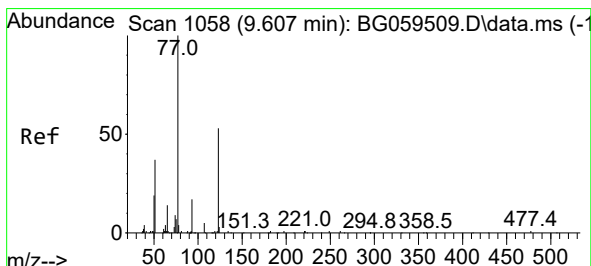
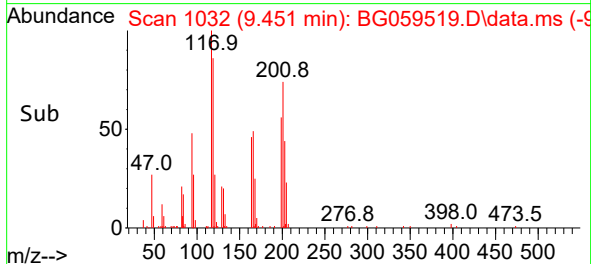
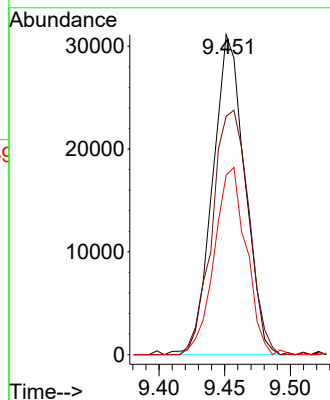
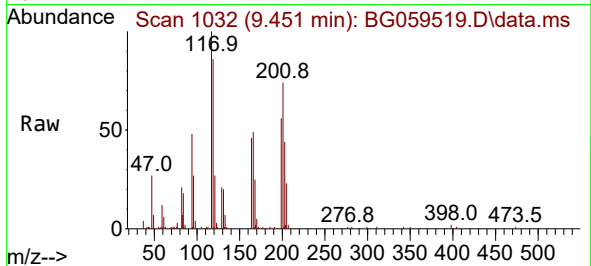




#19
Hexachloroethane
Concen: 23.524 ng/ul
RT: 9.451 min Scan# 1032
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

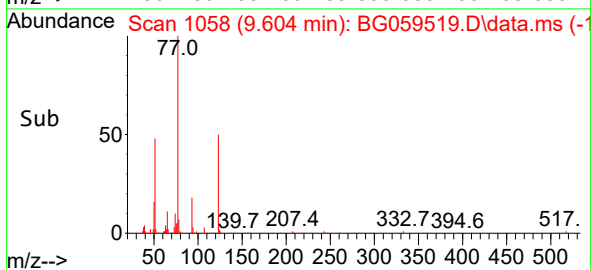
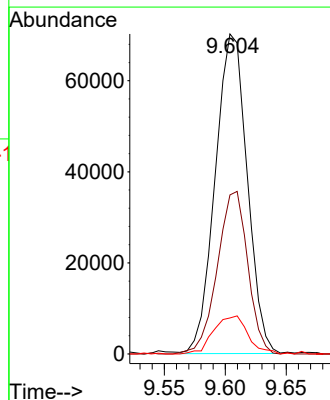
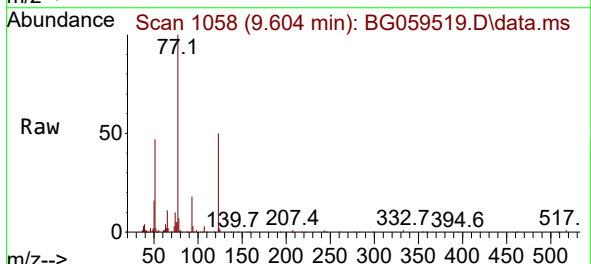
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

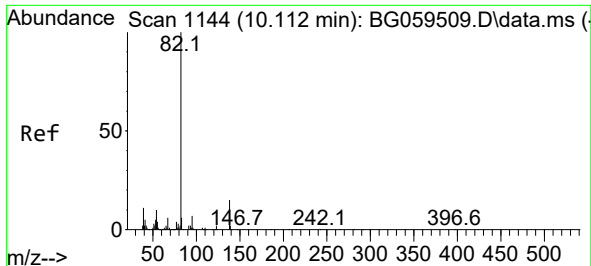
Tgt Ion:117 Resp: 52703
Ion Ratio Lower Upper
117 100
201 75.7 75.8 113.6#
199 56.1 42.3 63.5



#22
Nitrobenzene
Concen: 26.476 ng/ul
RT: 9.604 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion: 77 Resp: 128057
Ion Ratio Lower Upper
77 100
123 49.7 42.6 63.8
65 11.3 11.0 16.4

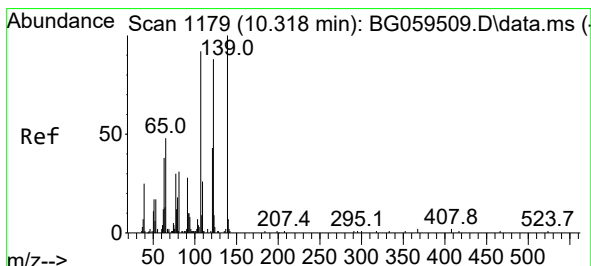
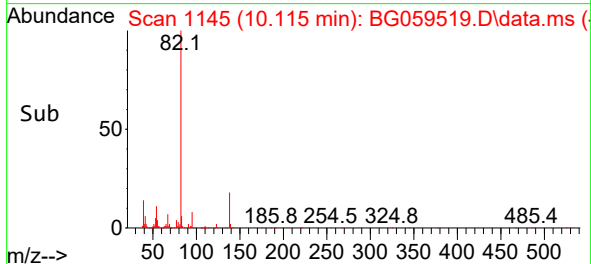
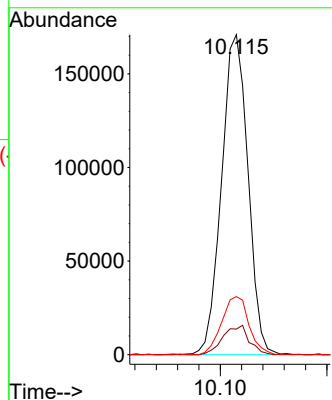
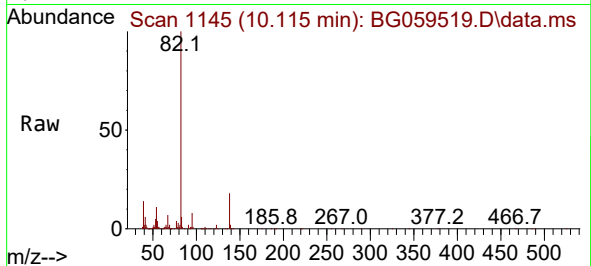




#23
Isophorone
Concen: 24.103 ng/ul
RT: 10.115 min Scan# 1144
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

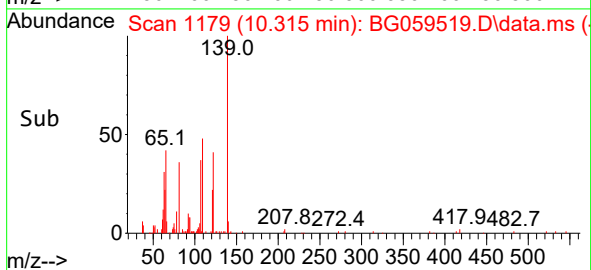
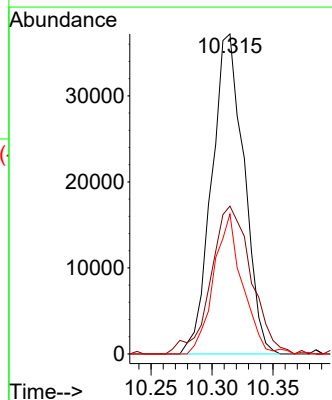
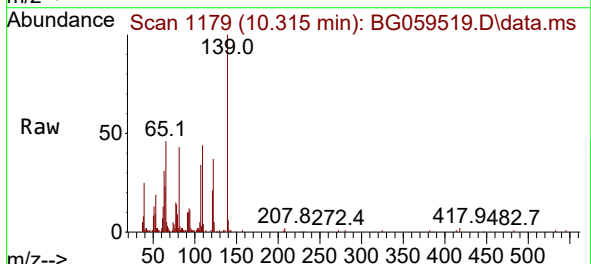
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

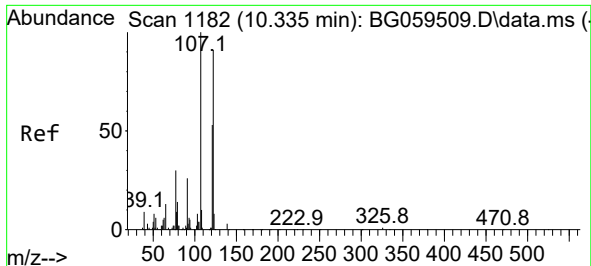
Tgt Ion: 82 Resp: 293579
Ion Ratio Lower Upper
82 100
95 8.0 5.6 8.4
138 18.1 12.3 18.5



#25
2-Nitrophenol
Concen: 27.690 ng/ul
RT: 10.315 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:139 Resp: 68505
Ion Ratio Lower Upper
139 100
65 46.2 39.7 59.5
109 43.7 21.0 31.6#

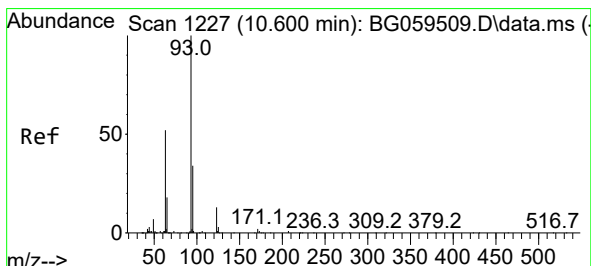
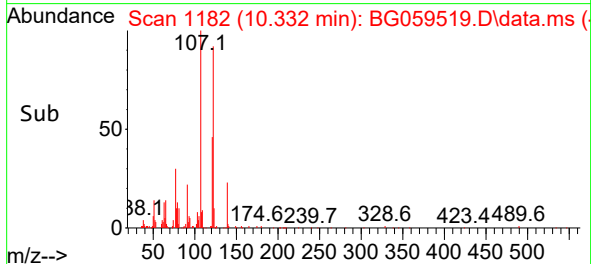
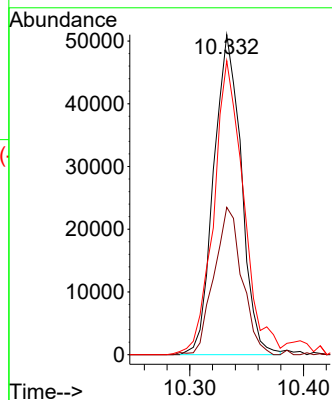
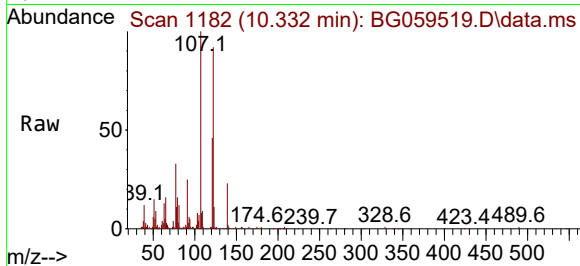




#26
2,4-Dimethylphenol
Concen: 13.205 ng/ul
RT: 10.332 min Scan# 1182
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

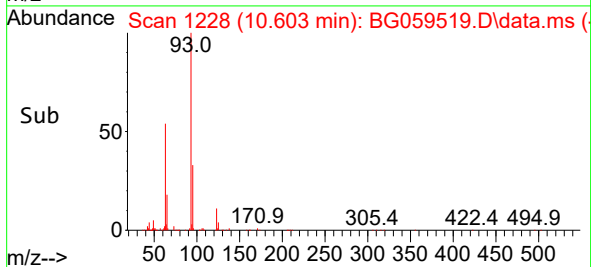
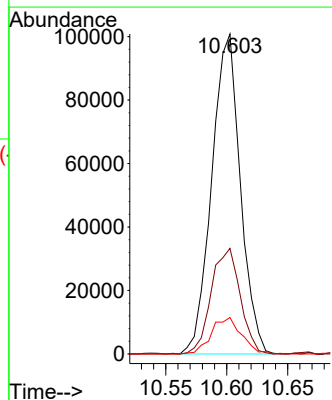
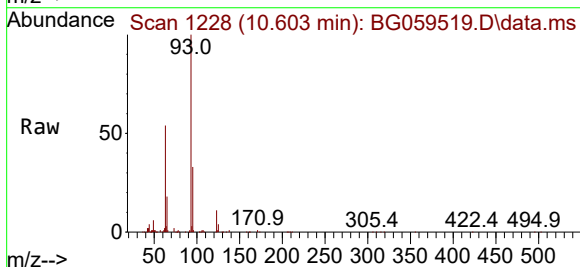
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

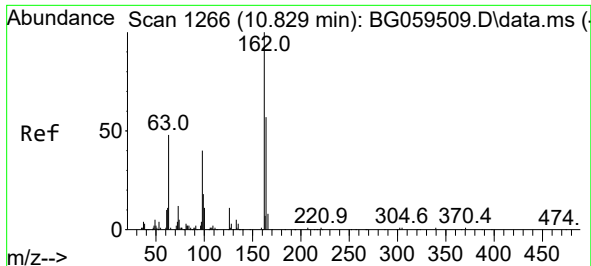
Tgt Ion:107 Resp: 85928
Ion Ratio Lower Upper
107 100
121 46.1 42.7 64.1
122 91.9 72.6 108.8



#27
Bis(2-Chloroethoxy)methane
Concen: 24.273 ng/ul
RT: 10.603 min Scan# 1228
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion: 93 Resp: 164620
Ion Ratio Lower Upper
93 100
95 33.0 27.1 40.7
123 11.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 25.916 ng/ul

RT: 10.832 min Scan# 1267

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

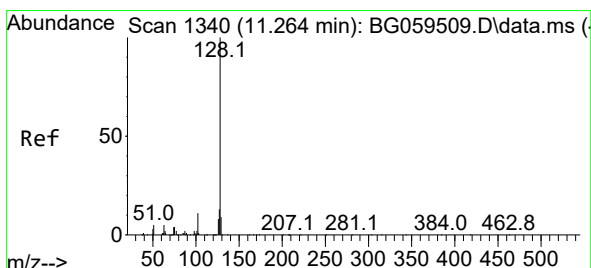
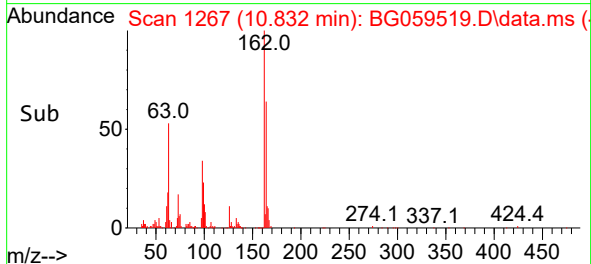
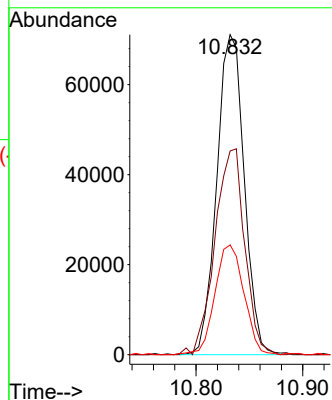
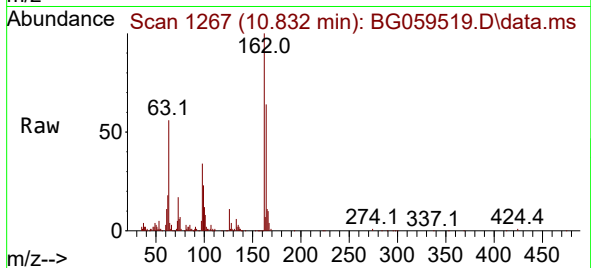
Tgt Ion:162 Resp: 127077

Ion Ratio Lower Upper

162 100

164 63.7 45.3 67.9

98 34.3 32.2 48.4



#30

Naphthalene

Concen: 24.391 ng/ul

RT: 11.267 min Scan# 1341

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

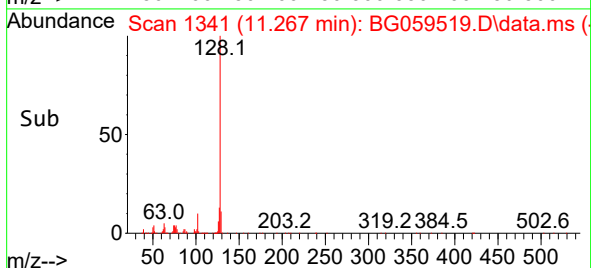
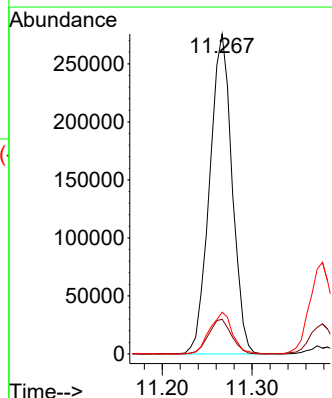
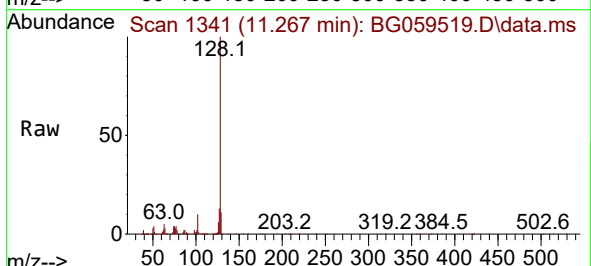
Tgt Ion:128 Resp: 479110

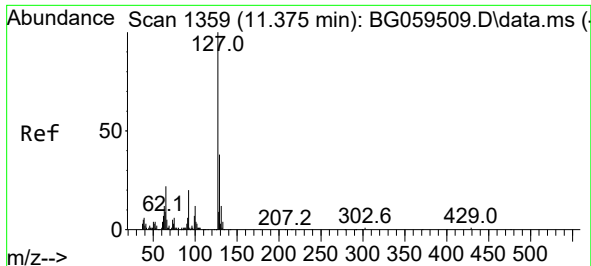
Ion Ratio Lower Upper

128 100

129 10.9 7.4 11.0

127 13.0 10.5 15.7

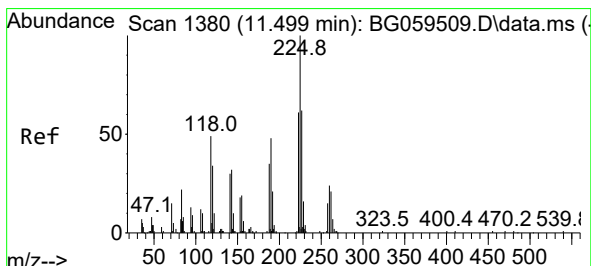
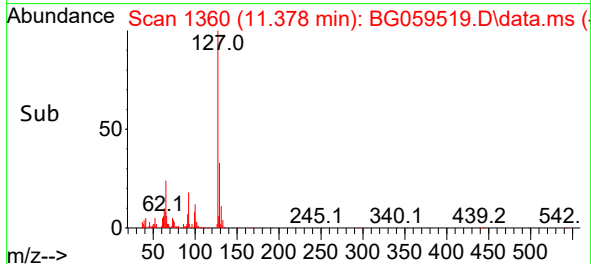
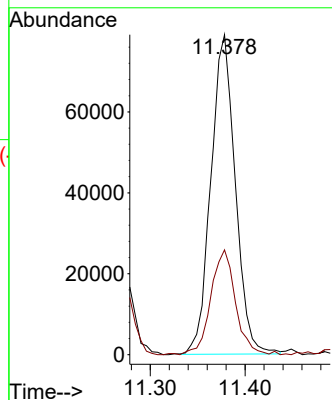
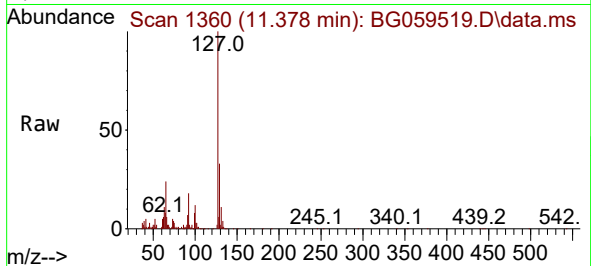




#32
4-Chloroaniline
Concen: 17.870 ng/ul
RT: 11.378 min Scan# 1359
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

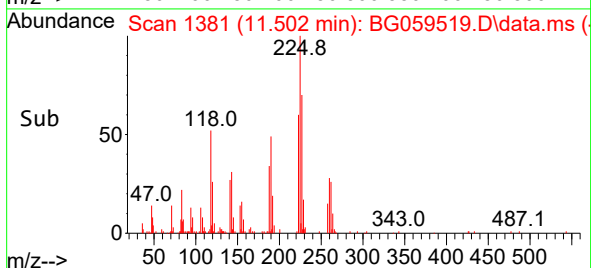
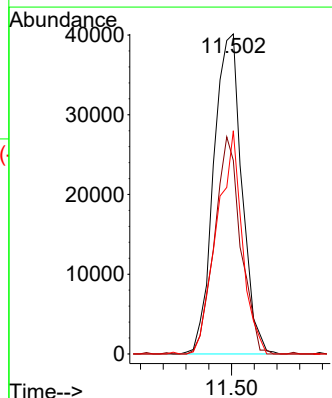
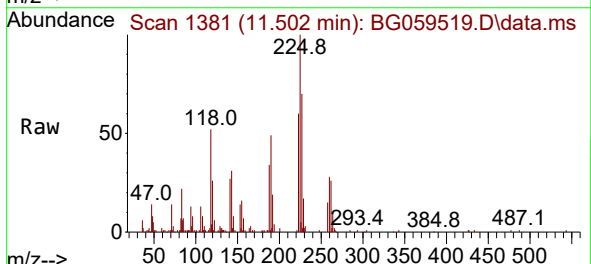
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

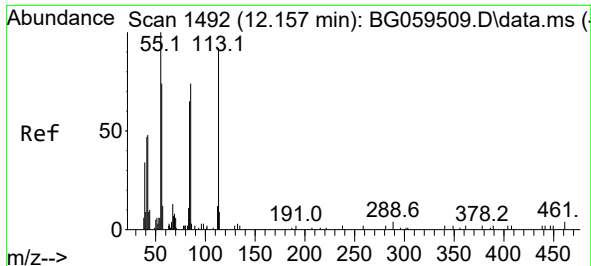
Tgt Ion:127 Resp: 141623
Ion Ratio Lower Upper
127 100
129 32.7 30.4 45.6



#33
Hexachlorobutadiene
Concen: 23.526 ng/ul
RT: 11.502 min Scan# 1381
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:225 Resp: 69203
Ion Ratio Lower Upper
225 100
223 57.7 50.8 76.2
227 66.6 49.8 74.8

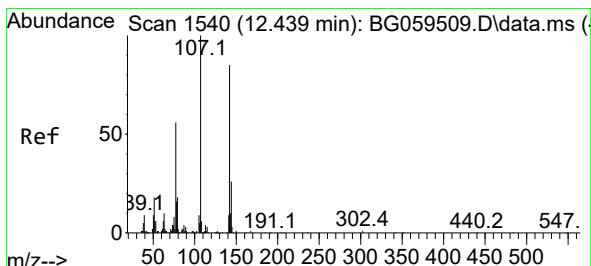
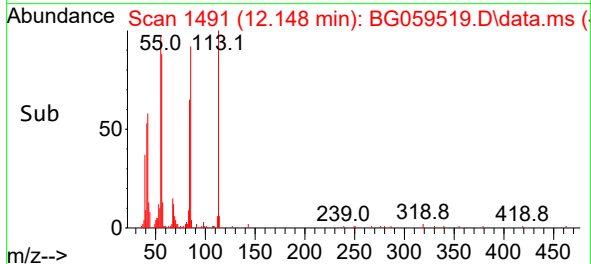
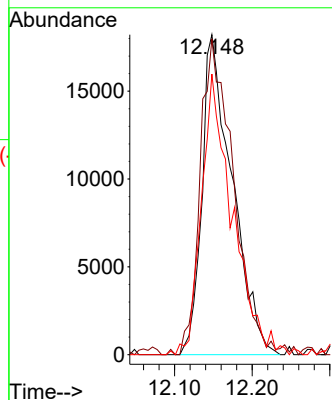
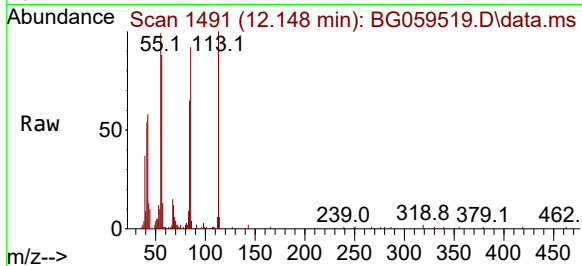




#34
Caprolactam
Concen: 27.454 ng/ul
RT: 12.148 min Scan# 1491
Delta R.T. -0.009 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

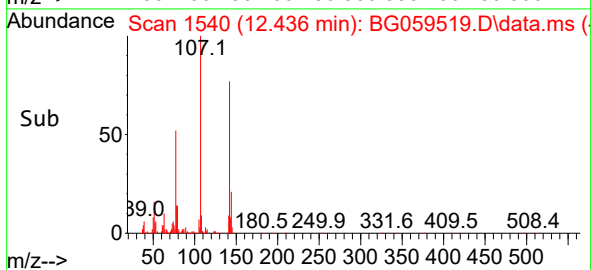
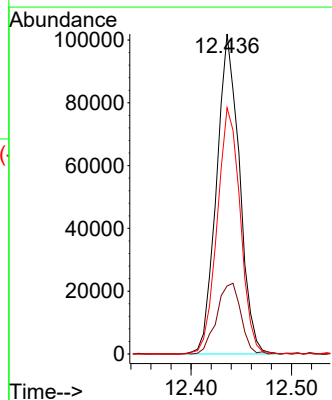
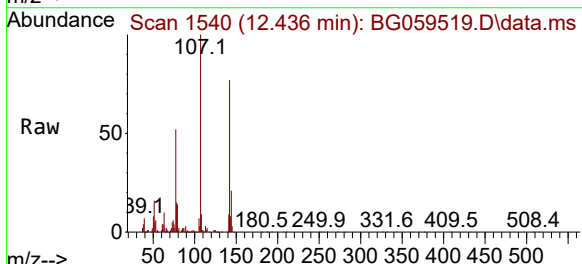
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

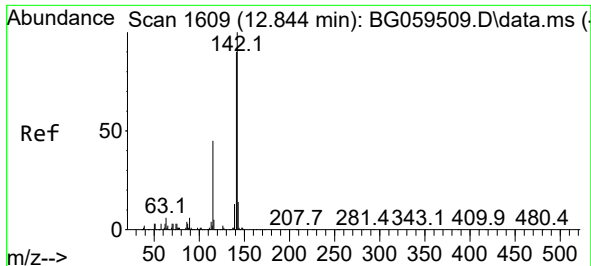
Tgt Ion:113 Resp: 49247
Ion Ratio Lower Upper
113 100
55 98.7 86.9 130.3
56 87.7 64.4 96.6



#35
4-Chloro-3-methylphenol
Concen: 27.634 ng/ul
RT: 12.436 min Scan# 1540
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:107 Resp: 161672
Ion Ratio Lower Upper
107 100
144 21.2 21.0 31.6
142 77.0 68.2 102.4

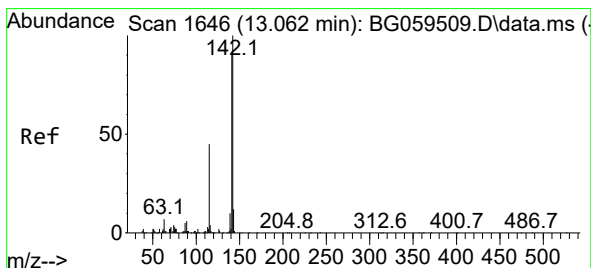
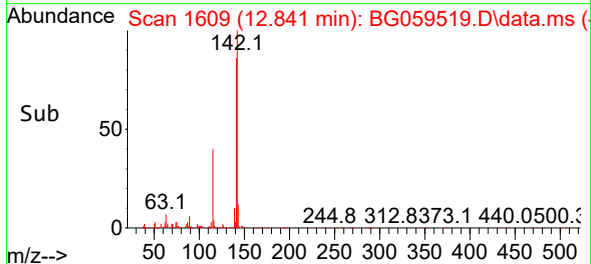
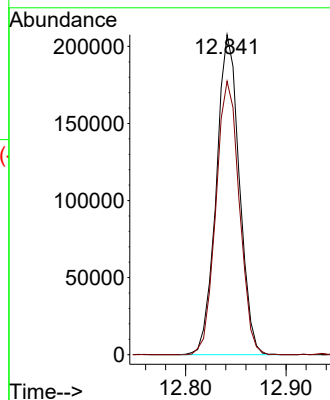
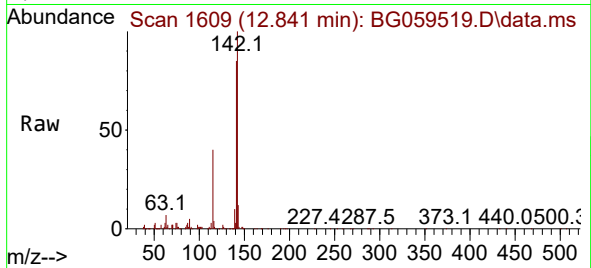




#36
2-Methylnaphthalene
Concen: 24.440 ng/ul
RT: 12.841 min Scan# 1609
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

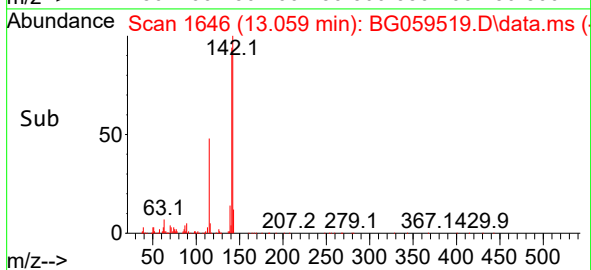
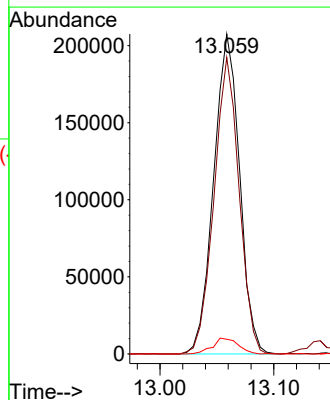
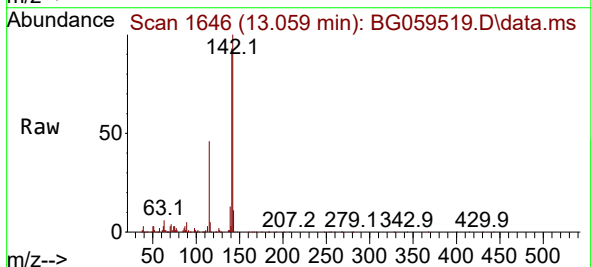
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

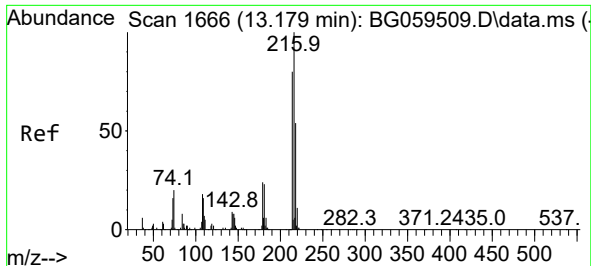
Tgt Ion:142 Resp: 330271
Ion Ratio Lower Upper
142 100
141 85.5 71.7 107.5



#37
1-Methylnaphthalene
Concen: 24.392 ng/ul
RT: 13.059 min Scan# 1646
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:142 Resp: 328314
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7
116 4.6 3.3 4.9

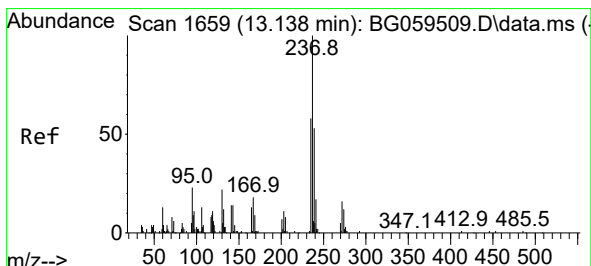
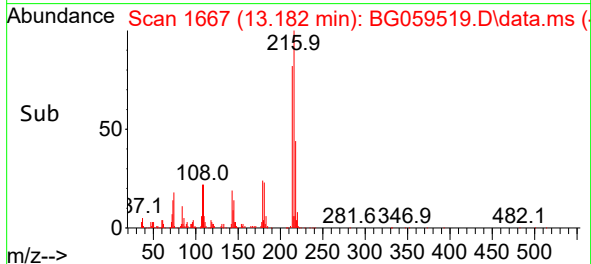
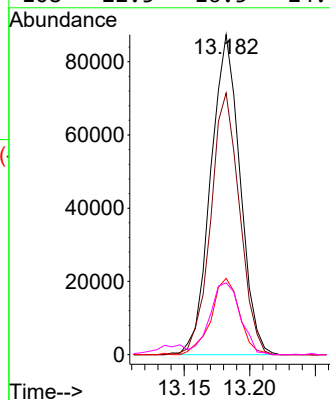
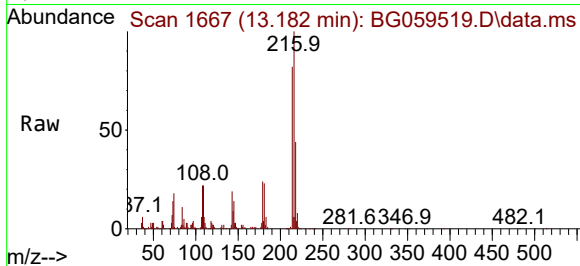




#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.916 ng/ul
RT: 13.182 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

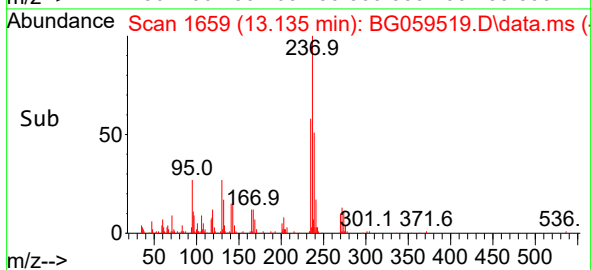
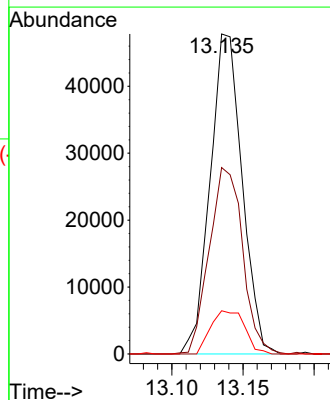
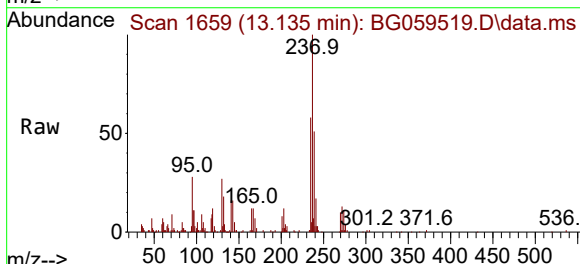
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

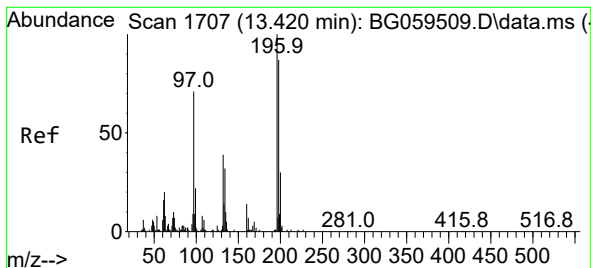
Tgt Ion:216 Resp: 135612
Ion Ratio Lower Upper
216 100
214 81.8 63.7 95.5
179 23.8 19.2 28.8
108 22.5 16.5 24.7



#40
Hexachlorocyclopentadiene
Concen: 22.658 ng/ul
RT: 13.135 min Scan# 1659
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:237 Resp: 74895
Ion Ratio Lower Upper
237 100
235 58.3 46.6 69.8
272 14.2 13.0 19.4





#41

2,4,6-Trichlorophenol

Concen: 25.602 ng/ul

RT: 13.423 min Scan# 1707

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

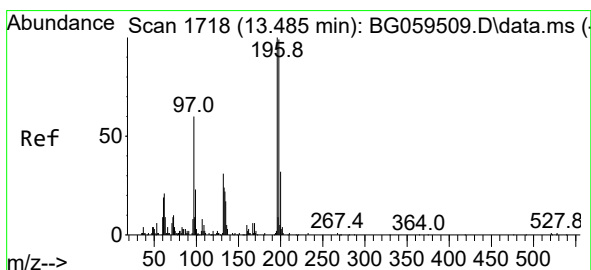
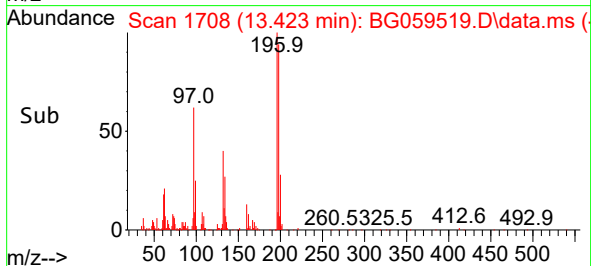
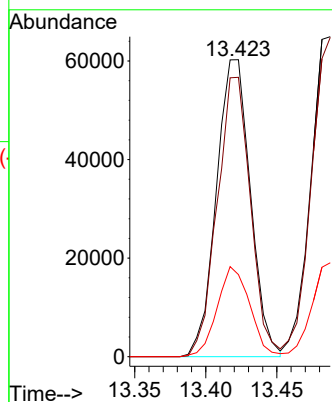
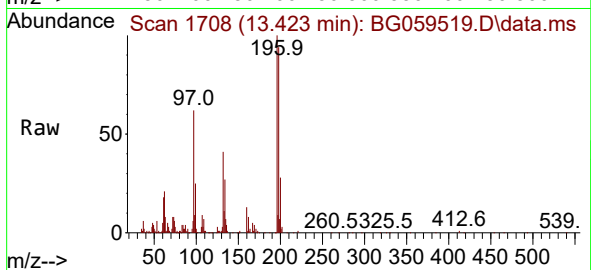
Tgt Ion:196 Resp: 100521

Ion Ratio Lower Upper

196 100

198 94.1 69.6 104.4

200 27.7 23.8 35.8



#42

2,4,5-Trichlorophenol

Concen: 24.766 ng/ul

RT: 13.488 min Scan# 1719

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

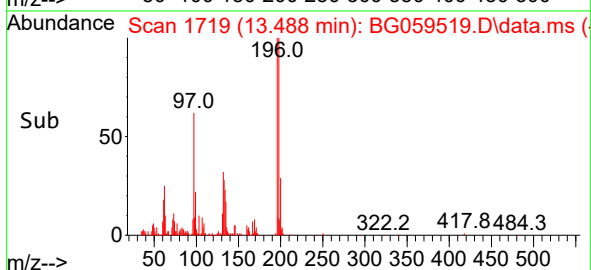
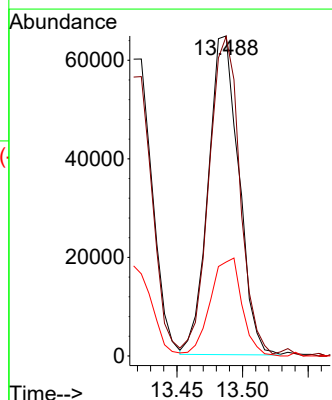
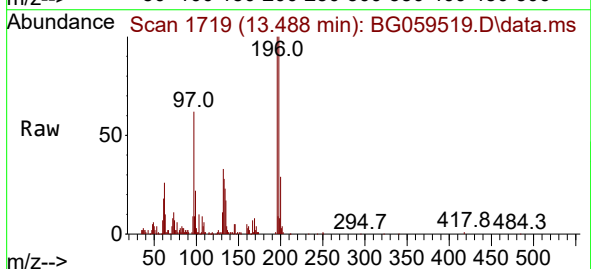
Tgt Ion:196 Resp: 105276

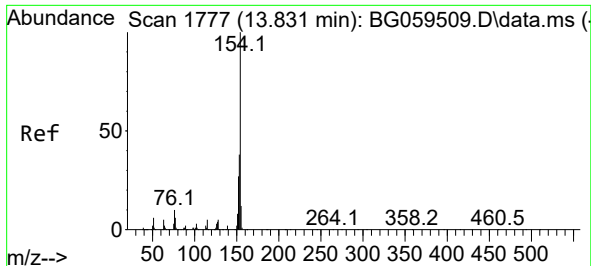
Ion Ratio Lower Upper

196 100

198 99.8 79.8 119.6

200 29.4 28.0 42.0

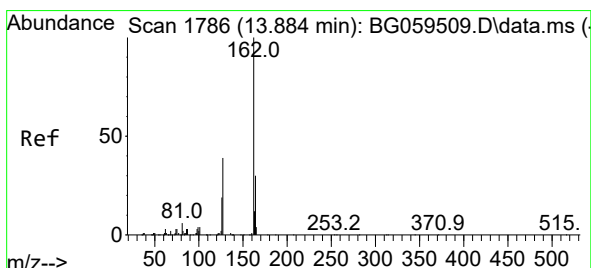
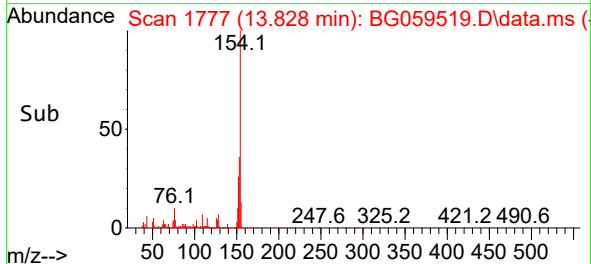
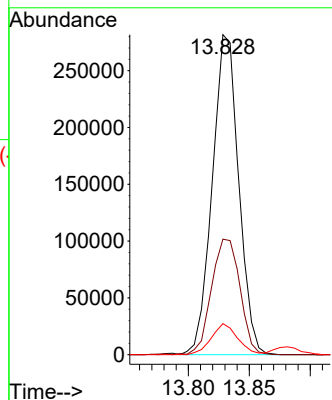
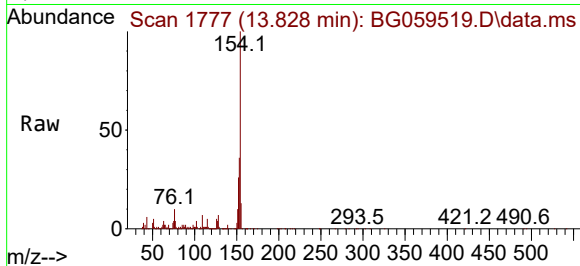




#43
1,1'-Biphenyl
Concen: 23.863 ng/ul
RT: 13.828 min Scan# 1777
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

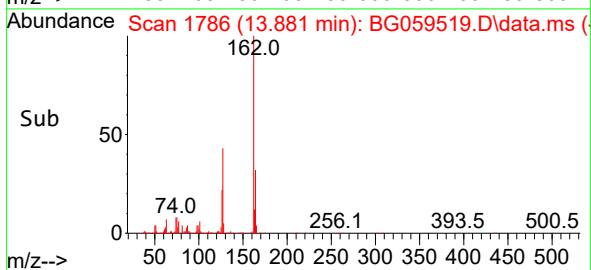
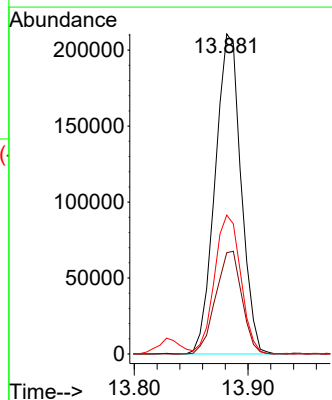
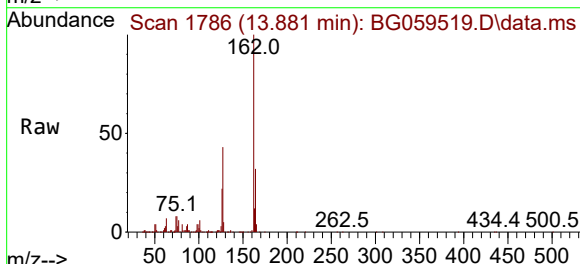
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

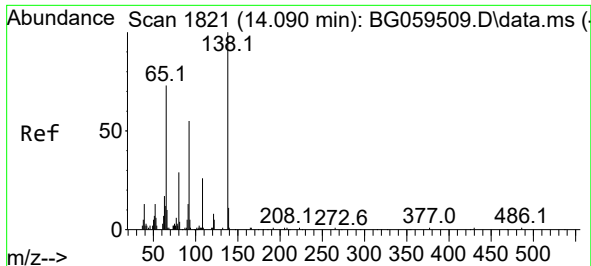
Tgt Ion:154 Resp: 424390
Ion Ratio Lower Upper
154 100
153 36.1 30.7 46.1
76 9.7 8.2 12.4



#44
2-Chloronaphthalene
Concen: 24.172 ng/ul
RT: 13.881 min Scan# 1786
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:162 Resp: 334121
Ion Ratio Lower Upper
162 100
164 31.6 23.9 35.9
127 43.4 35.3 52.9

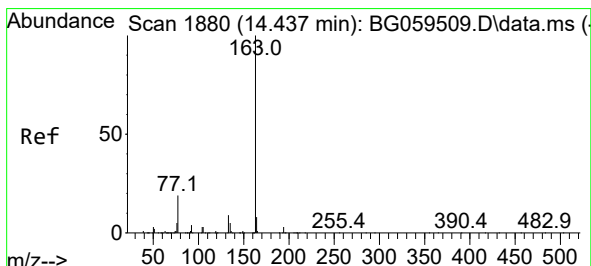
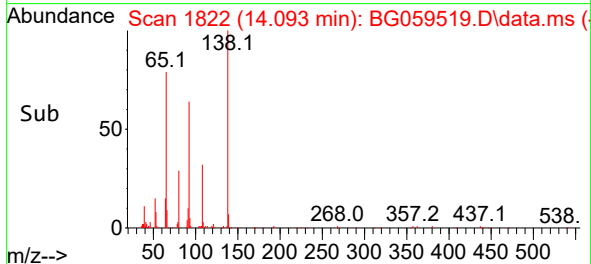
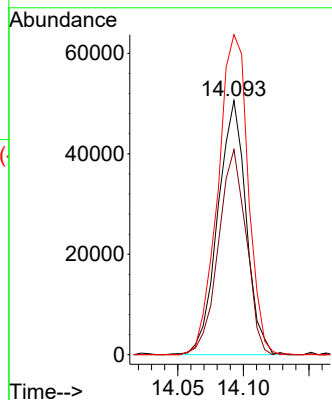
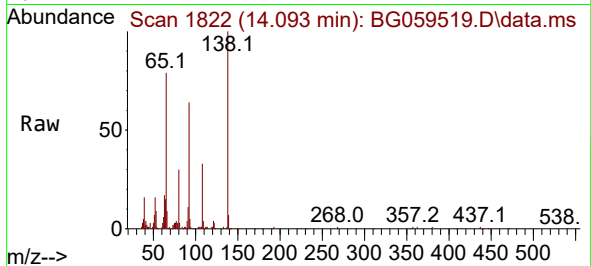




#45
2-Nitroaniline
Concen: 29.393 ng/ul
RT: 14.093 min Scan# 1821
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

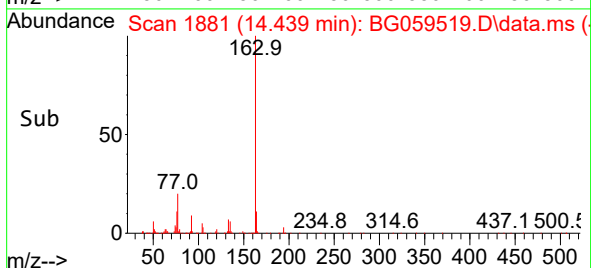
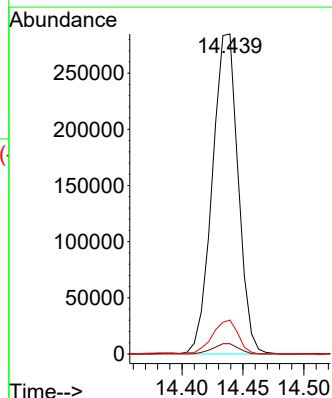
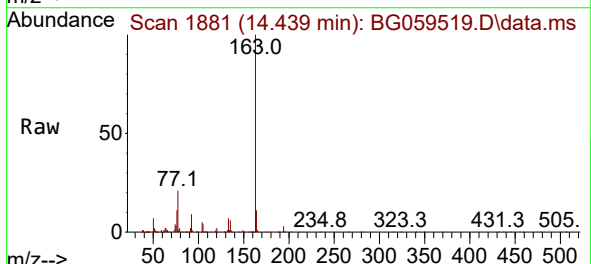
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

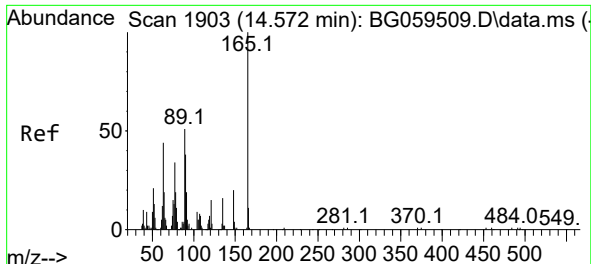
Tgt Ion: 65 Resp: 75596
Ion Ratio Lower Upper
65 100
92 80.7 59.6 89.4
138 125.9 109.0 163.6



#47
Dimethylphthalate
Concen: 23.928 ng/ul
RT: 14.439 min Scan# 1881
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:163 Resp: 421052
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.6 6.6 10.0#

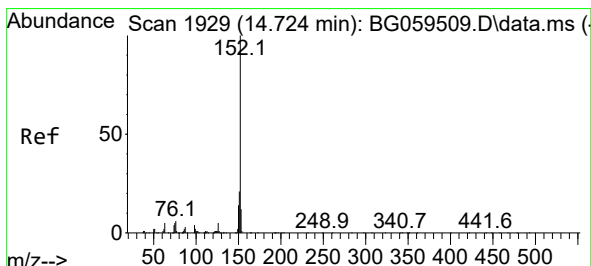
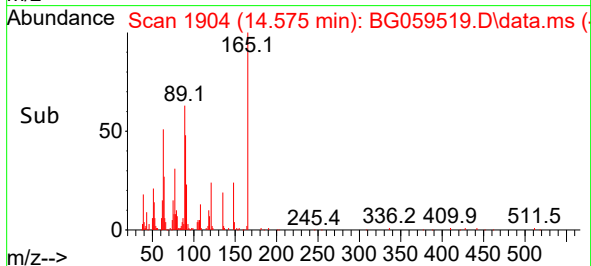
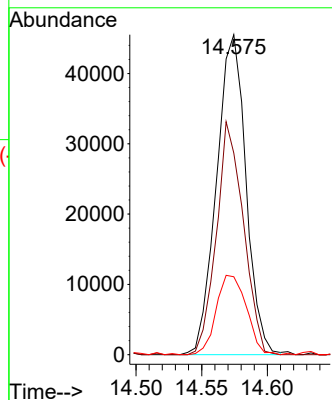
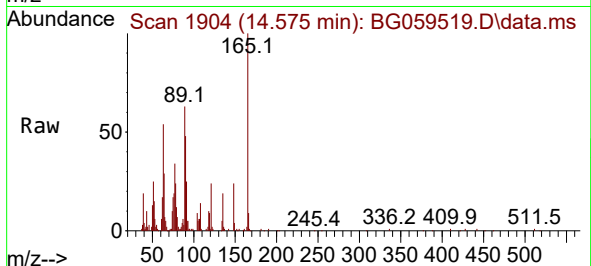




#48
2,6-Dinitrotoluene
Concen: 26.747 ng/ul
RT: 14.575 min Scan# 1903
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

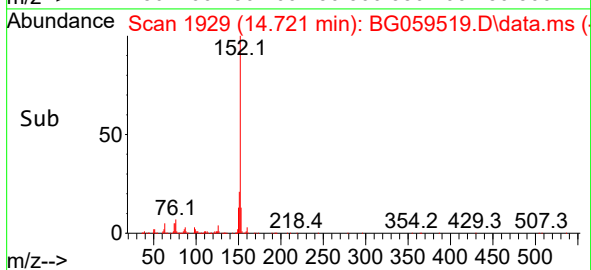
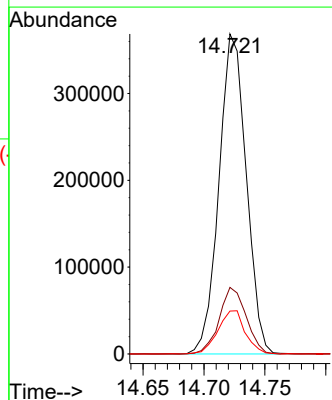
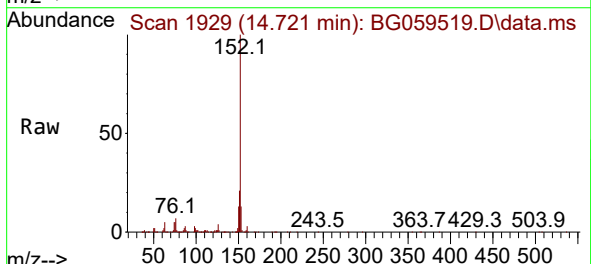
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

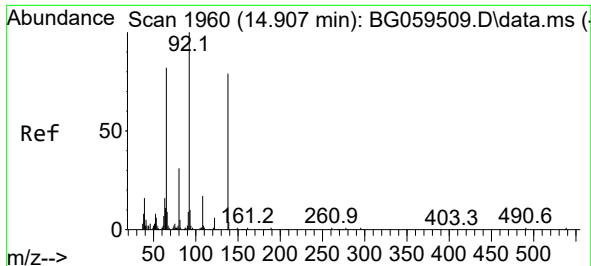
Tgt Ion:165 Resp: 70999
Ion Ratio Lower Upper
165 100
89 63.0 41.0 61.4#
121 24.3 12.3 18.5#



#50
Acenaphthylene
Concen: 23.804 ng/ul
RT: 14.721 min Scan# 1929
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:152 Resp: 573277
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.4 9.4 14.2

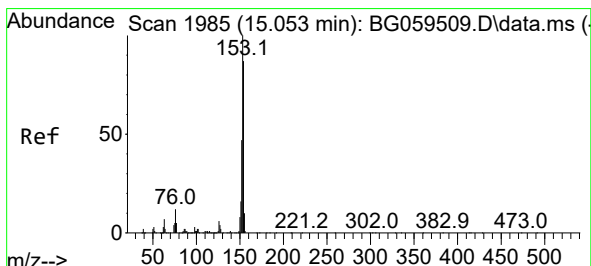
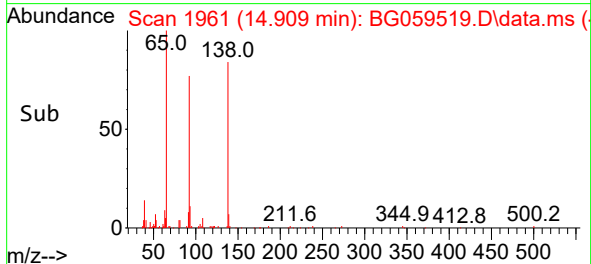
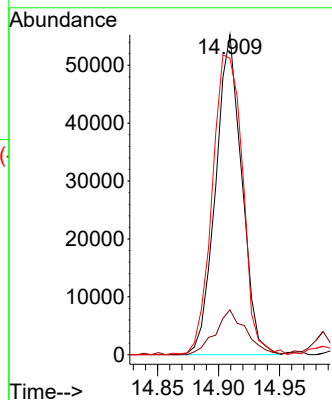
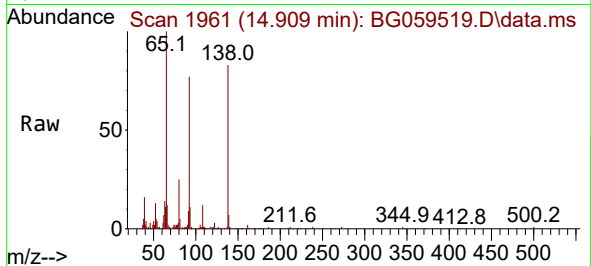




#51
3-Nitroaniline
Concen: 24.937 ng/ul
RT: 14.909 min Scan# 1961
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

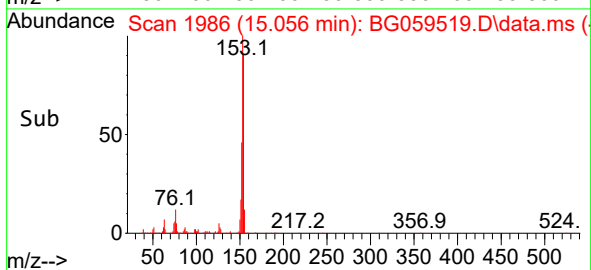
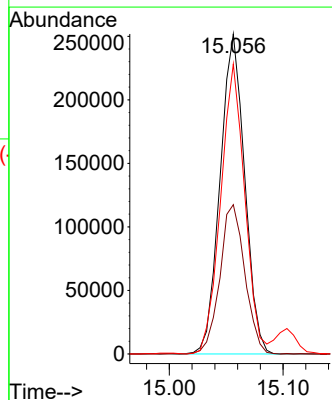
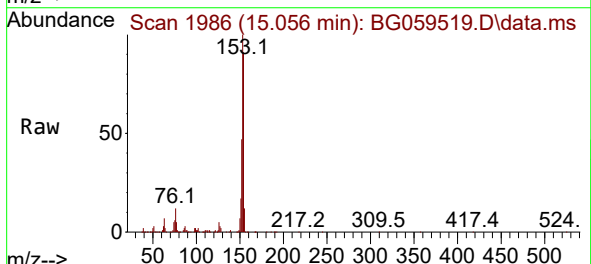
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

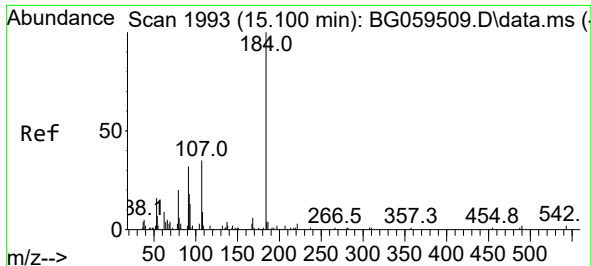
Tgt Ion:138 Resp: 82509
Ion Ratio Lower Upper
138 100
108 14.0 17.1 25.7#
92 92.6 101.8 152.8#



#52
Acenaphthene
Concen: 24.070 ng/ul
RT: 15.056 min Scan# 1986
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:153 Resp: 377856
Ion Ratio Lower Upper
153 100
152 46.7 37.6 56.4
154 90.6 69.4 104.0

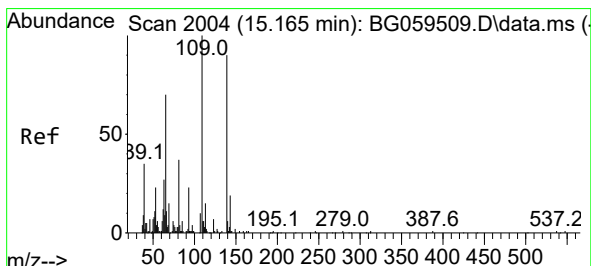
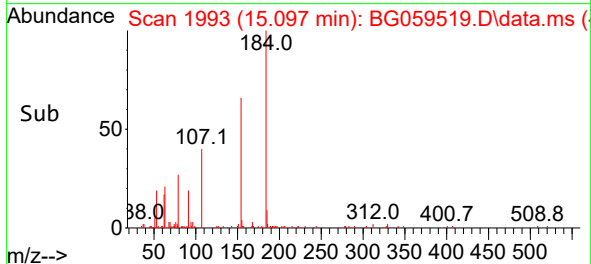
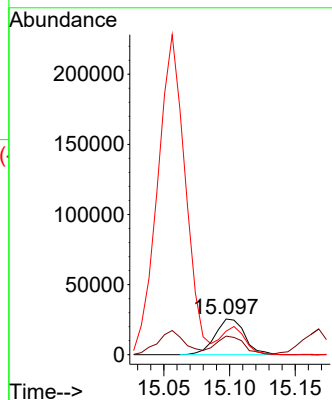
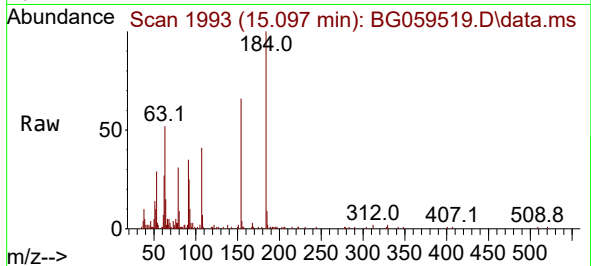




#53
2,4-Dinitrophenol
Concen: 26.545 ng/ul
RT: 15.097 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

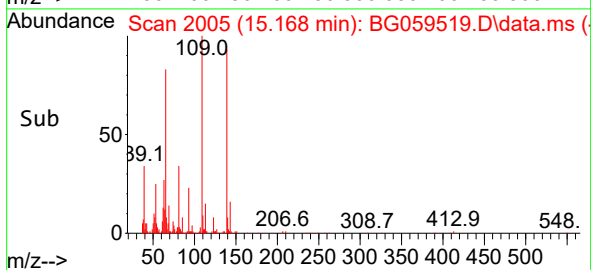
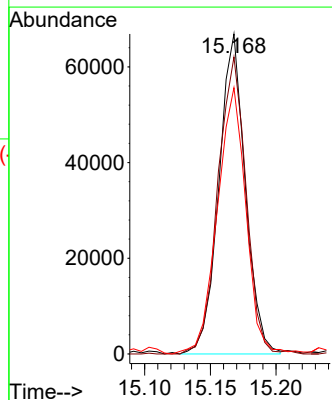
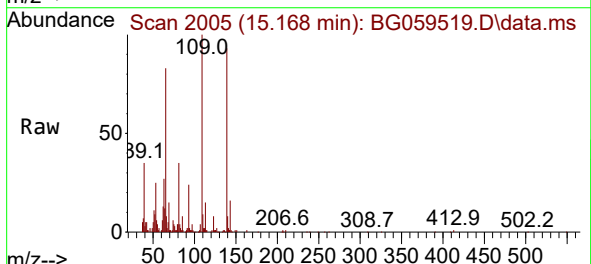
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

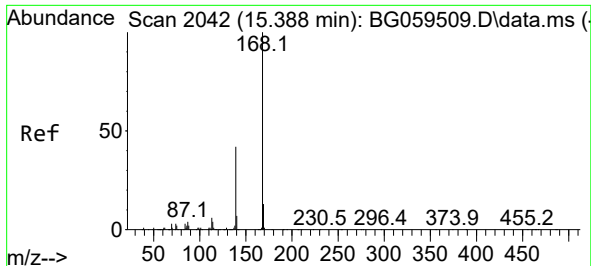
Tgt Ion:184 Resp: 40036
Ion Ratio Lower Upper
184 100
63 52.1 35.0 52.6
154 65.8 49.8 74.8



#55
4-Nitrophenol
Concen: 27.816 ng/ul
RT: 15.168 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:109 Resp: 93627
Ion Ratio Lower Upper
109 100
139 92.8 72.2 108.2
65 83.2 57.3 85.9

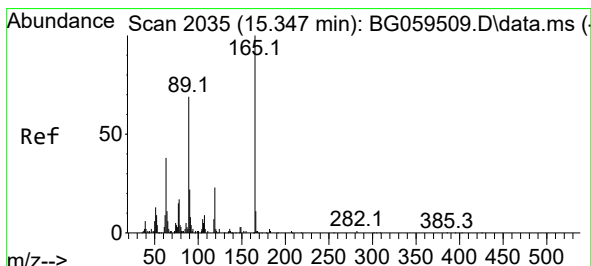
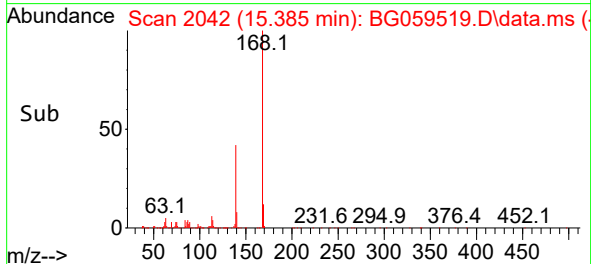
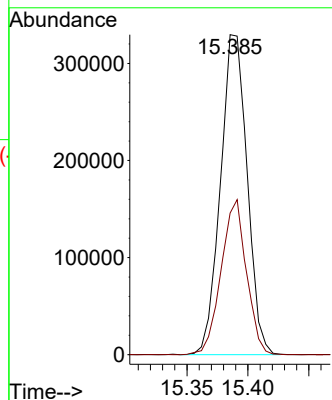
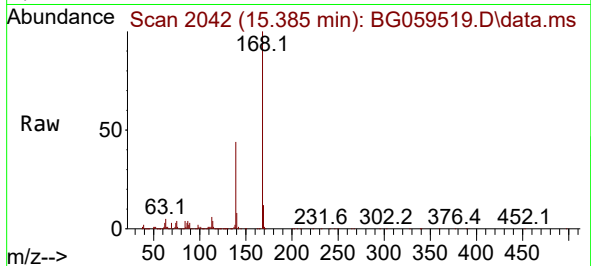




#56
Dibenzofuran
Concen: 24.707 ng/ul
RT: 15.385 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

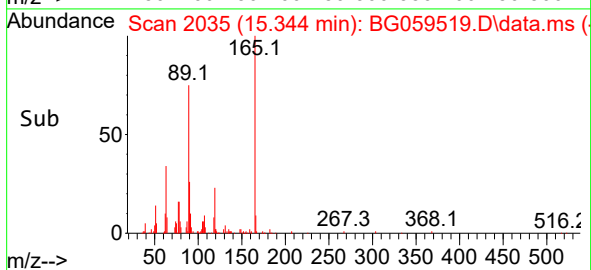
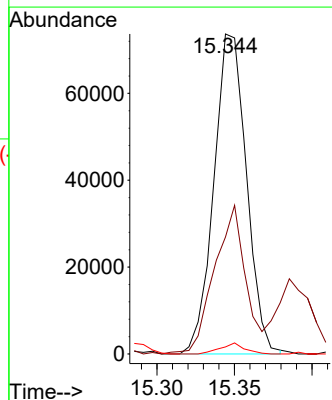
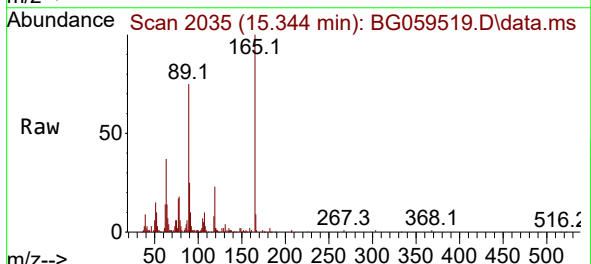
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

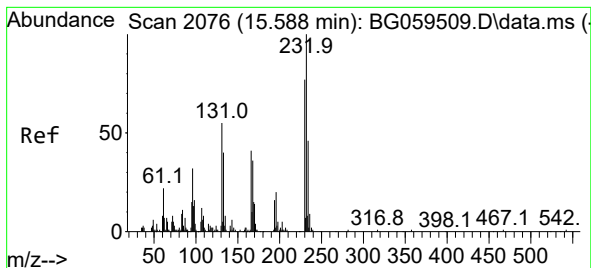
Tgt Ion:168 Resp: 502840
Ion Ratio Lower Upper
168 100
139 44.3 33.8 50.8



#57
2,4-Dinitrotoluene
Concen: 28.846 ng/ul
RT: 15.344 min Scan# 2035
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:165 Resp: 107705
Ion Ratio Lower Upper
165 100
63 36.6 30.9 46.3
182 2.2 1.8 2.6

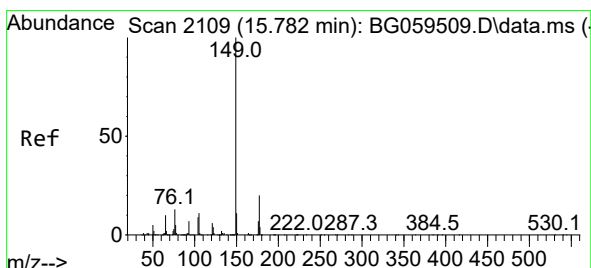
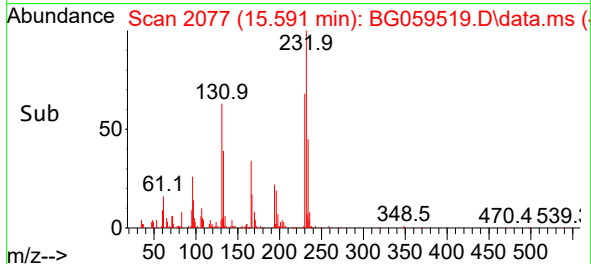
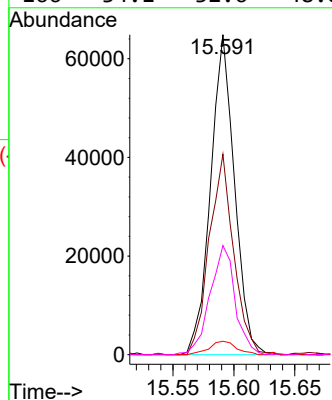
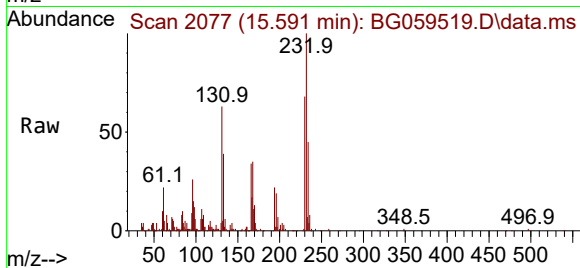




#58
2,3,4,6-Tetrachlorophenol
Concen: 26.635 ng/ul
RT: 15.591 min Scan# 2076
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

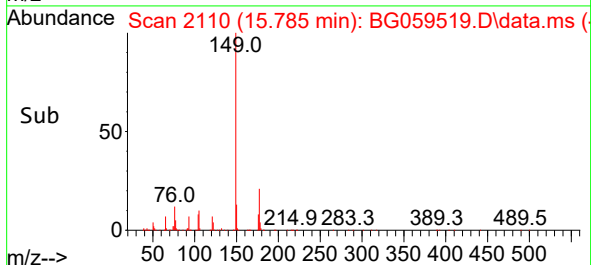
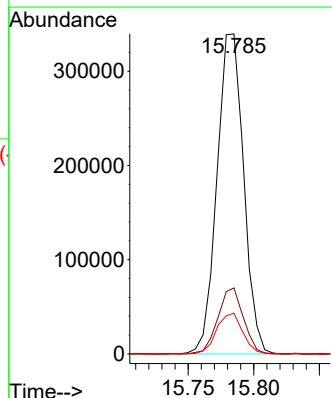
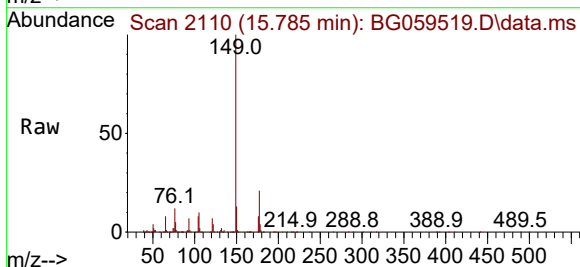
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

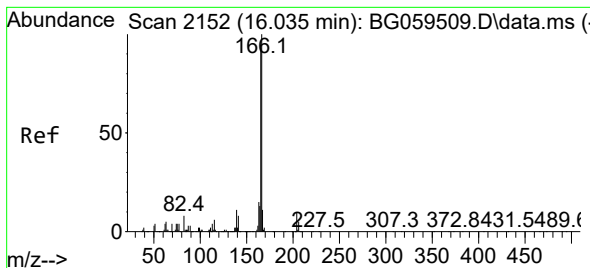
Tgt Ion:232	Resp:	88860
Ion Ratio	Lower	Upper
232	100	
131	62.7	44.2 66.2
130	4.2	2.3 3.5#
166	34.1	32.6 48.8



#59
Diethylphthalate
Concen: 25.002 ng/ul
RT: 15.785 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:149	Resp:	479920
Ion Ratio	Lower	Upper
149	100	
177	20.7	16.3 24.5
150	12.8	9.1 13.7





#61

Fluorene

Concen: 24.280 ng/ul

RT: 16.038 min Scan# 2152

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

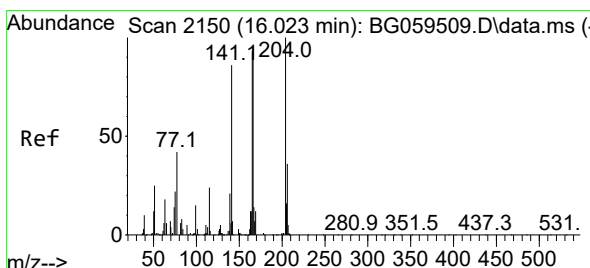
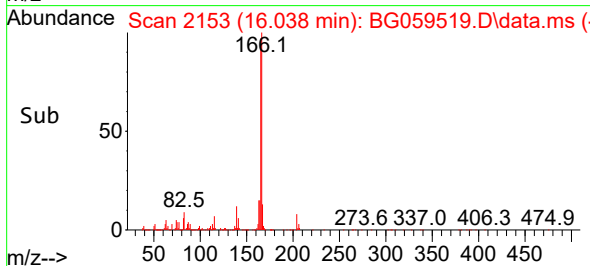
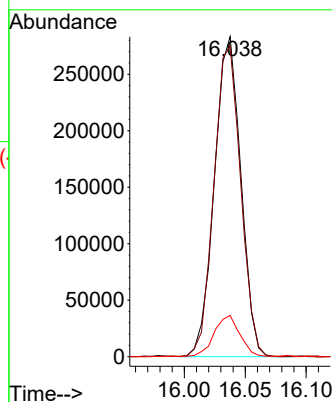
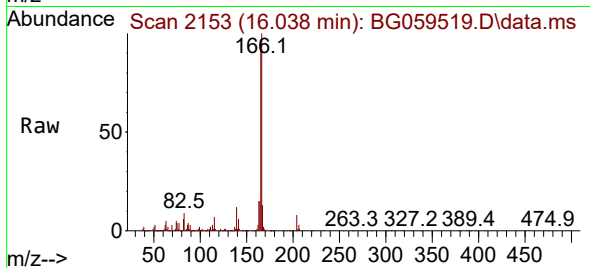
Tgt Ion:166 Resp: 426598

Ion Ratio Lower Upper

166 100

165 97.1 74.4 111.6

167 12.9 9.1 13.7



#62

4-Chlorophenyl-phenylether

Concen: 25.404 ng/ul

RT: 16.020 min Scan# 2150

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

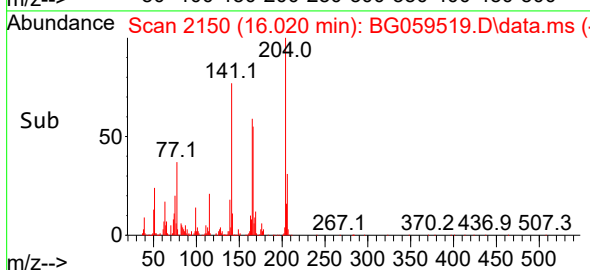
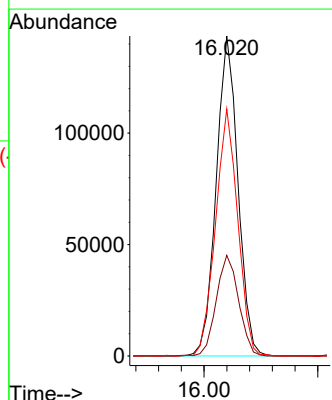
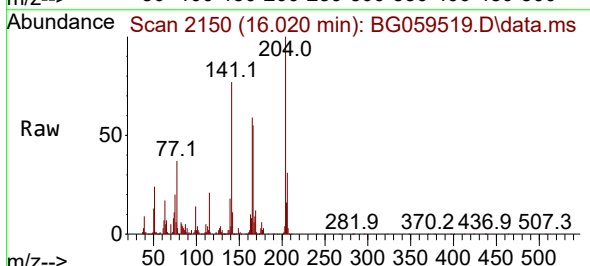
Tgt Ion:204 Resp: 190749

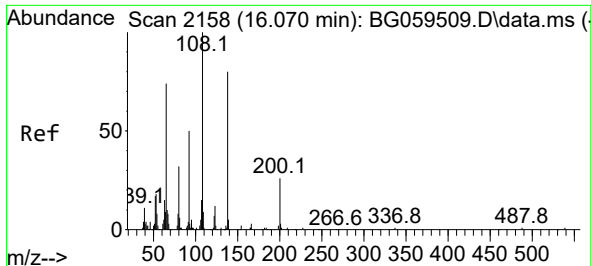
Ion Ratio Lower Upper

204 100

206 31.5 28.8 43.2

141 77.2 68.6 103.0

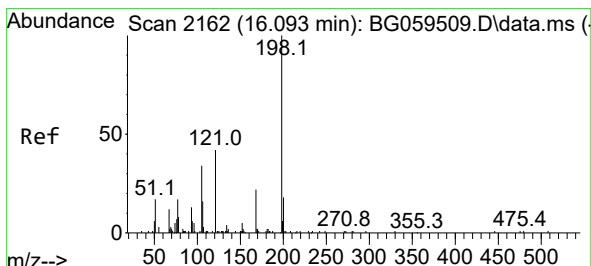
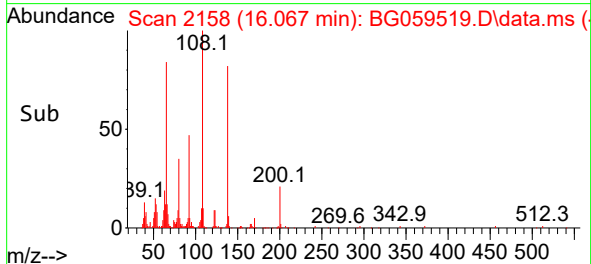
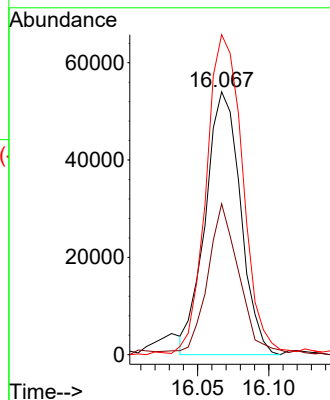
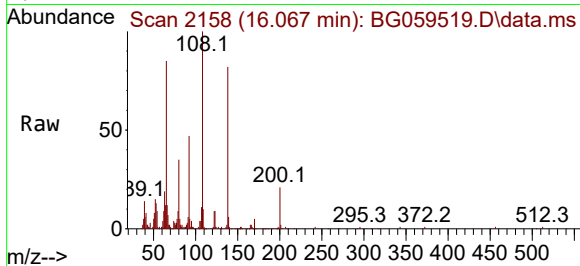




#63
4-Nitroaniline
Concen: 26.462 ng/ul
RT: 16.067 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

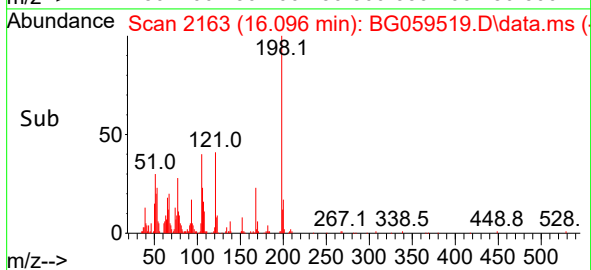
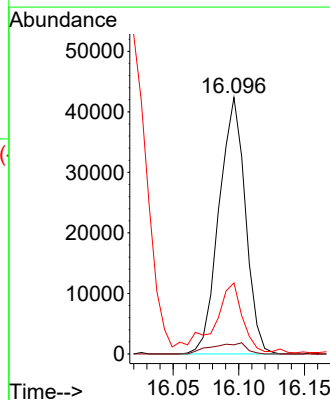
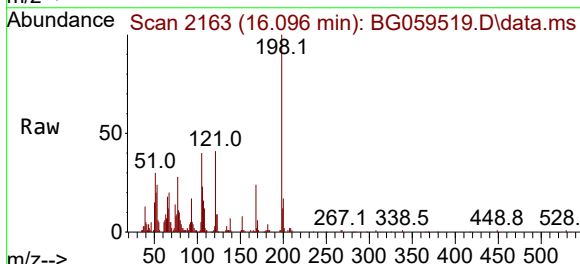
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

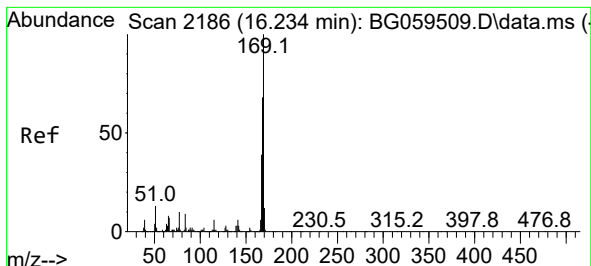
Tgt Ion:138 Resp: 92917
Ion Ratio Lower Upper
138 100
92 57.4 49.8 74.8
108 121.7 100.9 151.3



#66
4,6-Dinitro-2-methylphenol
Concen: 27.205 ng/ul
RT: 16.096 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:198 Resp: 59102
Ion Ratio Lower Upper
198 100
182 3.6 1.4 2.0#
77 27.7 15.8 23.8#





#67

N-Nitrosodiphenylamine

Concen: 24.848 ng/ul

RT: 16.237 min Scan# 2186

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

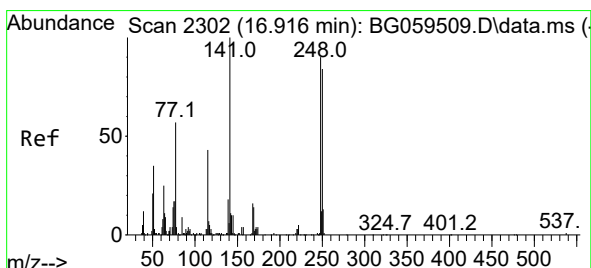
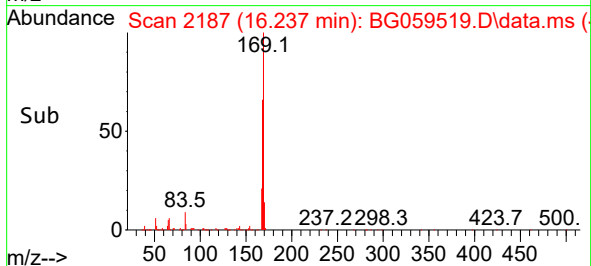
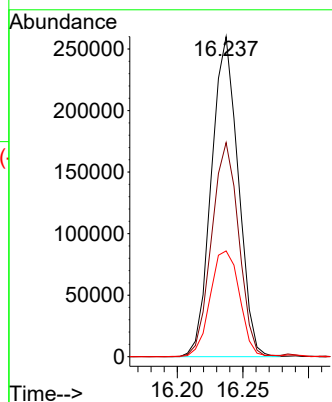
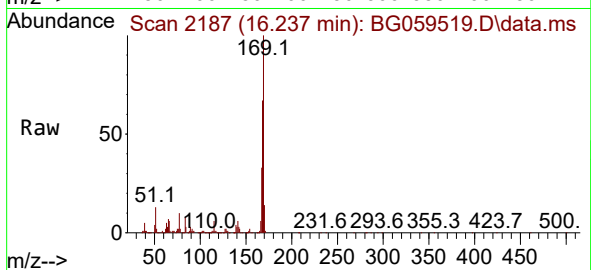
Tgt Ion:169 Resp: 369566

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

167 33.0 31.3 46.9



#68

4-Bromophenyl-phenylether

Concen: 25.233 ng/ul

RT: 16.919 min Scan# 2303

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

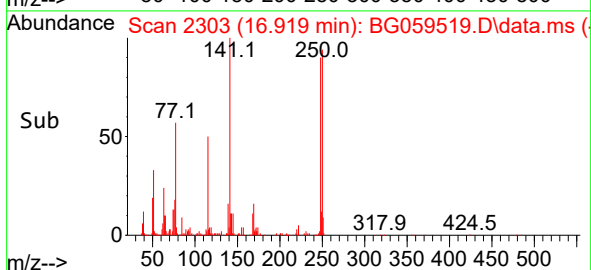
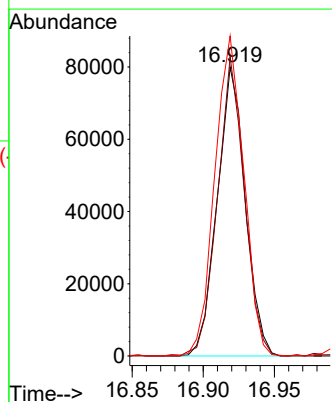
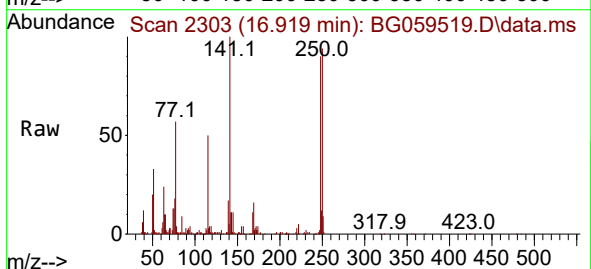
Tgt Ion:248 Resp: 109906

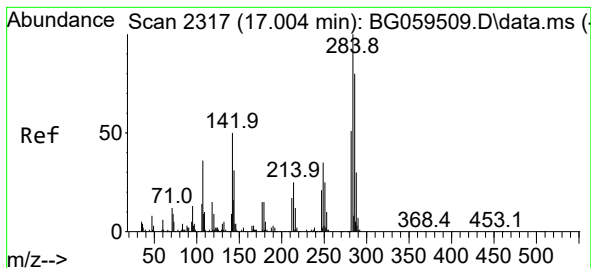
Ion Ratio Lower Upper

248 100

250 103.6 74.2 111.2

141 110.8 88.5 132.7





#69

Hexachlorobenzene

Concen: 25.535 ng/ul

RT: 17.007 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

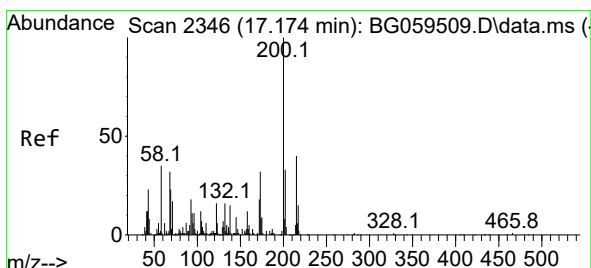
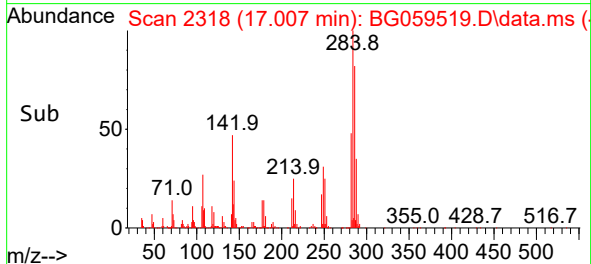
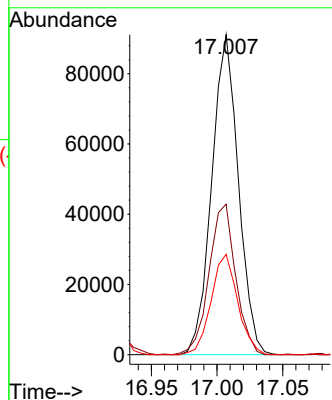
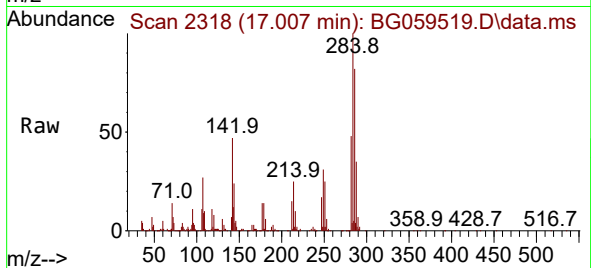
Tgt Ion:284 Resp: 128541

Ion Ratio Lower Upper

284 100

142 47.0 39.6 59.4

249 31.3 28.2 42.2



#70

Atrazine

Concen: 26.288 ng/ul

RT: 17.171 min Scan# 2346

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

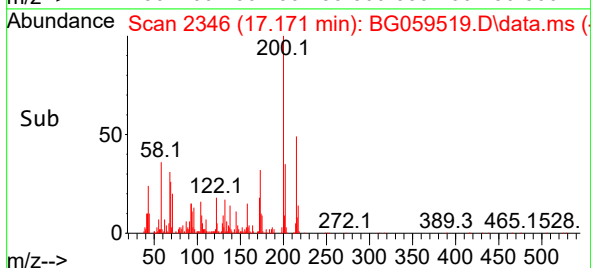
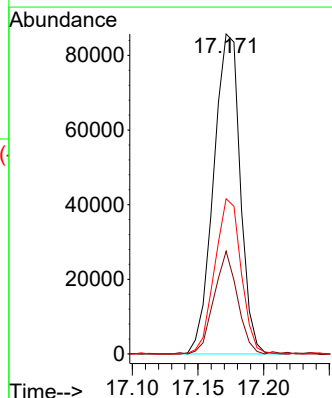
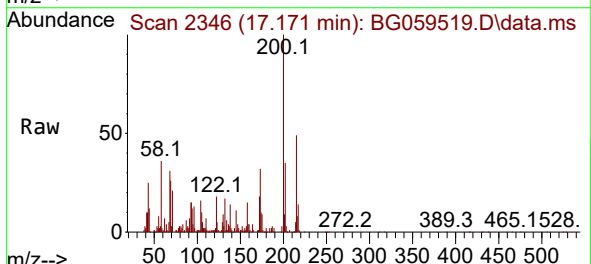
Tgt Ion:200 Resp: 121155

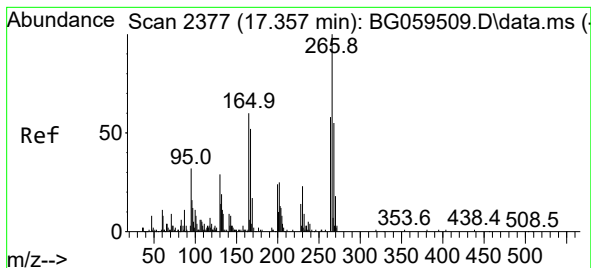
Ion Ratio Lower Upper

200 100

173 32.1 25.7 38.5

215 48.5 32.1 48.1#





#71

Pentachlorophenol

Concen: 28.324 ng/ul

RT: 17.359 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

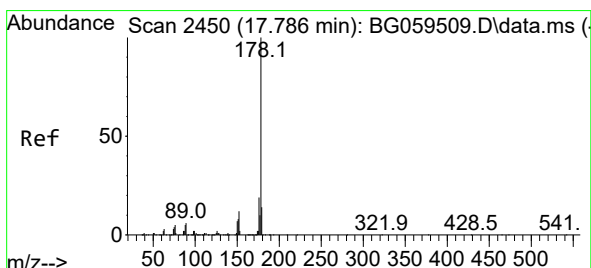
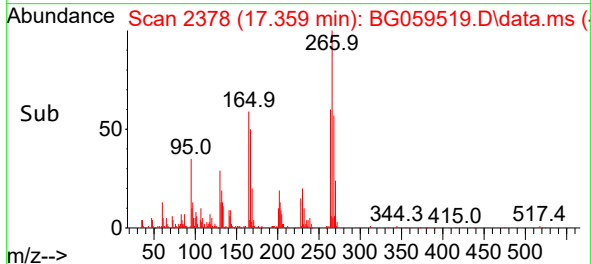
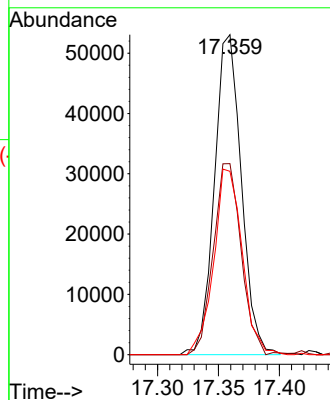
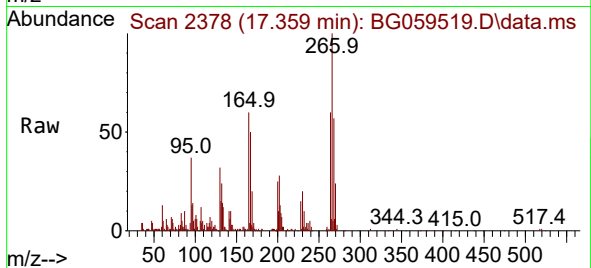
Tgt Ion:266 Resp: 81455

Ion Ratio Lower Upper

266 100

264 59.7 46.2 69.2

268 63.4 46.4 69.6



#72

Phenanthrene

Concen: 25.058 ng/ul

RT: 17.788 min Scan# 2451

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

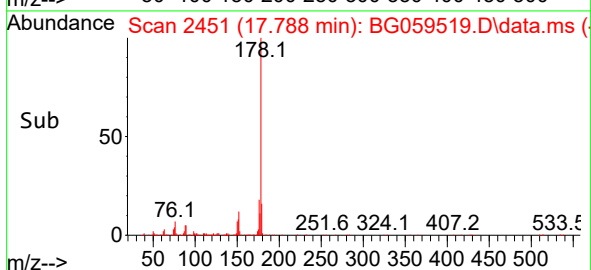
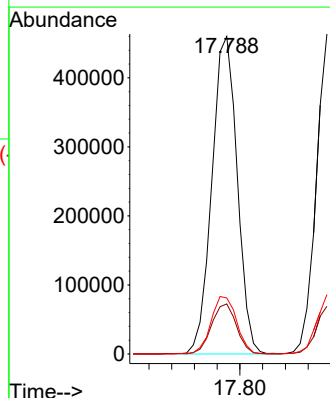
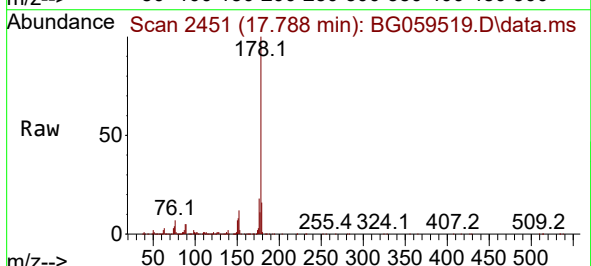
Tgt Ion:178 Resp: 709079

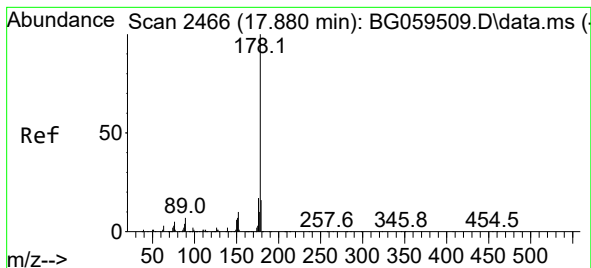
Ion Ratio Lower Upper

178 100

179 15.8 11.3 16.9

176 17.7 15.4 23.0





#74

Anthracene

Concen: 24.496 ng/uI

RT: 17.877 min Scan# 2466

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

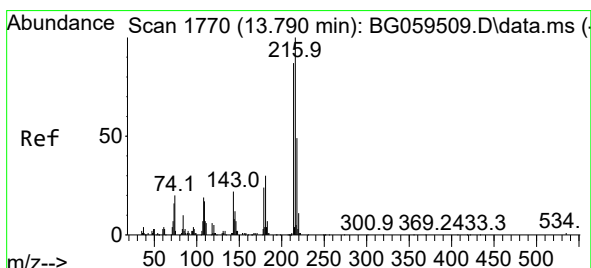
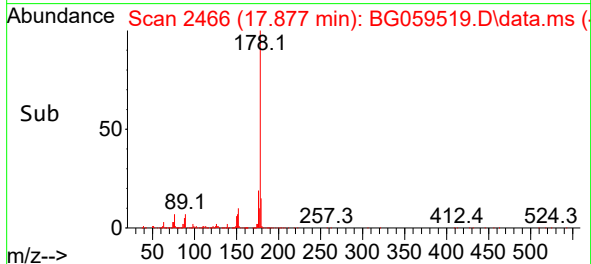
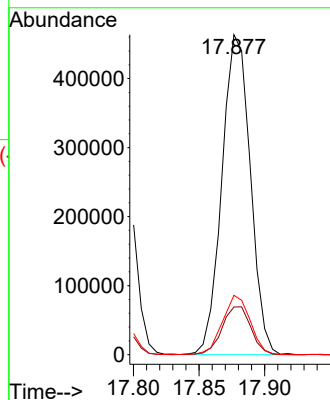
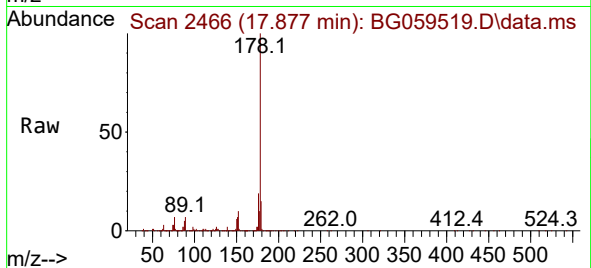
Tgt Ion:178 Resp: 699890

Ion Ratio Lower Upper

178 100

179 14.9 13.1 19.7

176 18.5 13.9 20.9



#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.829 ng/uI

RT: 13.787 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

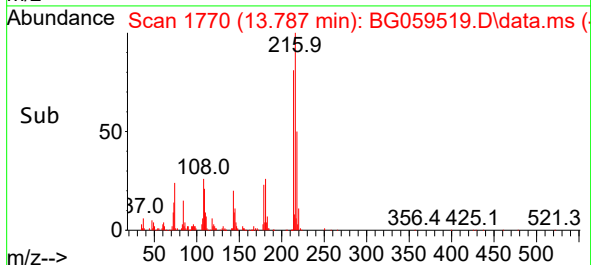
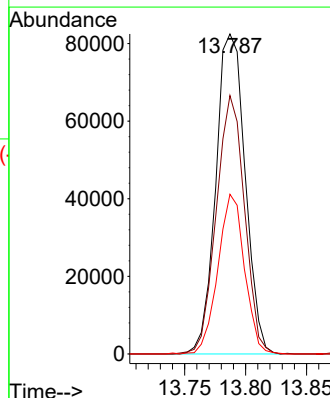
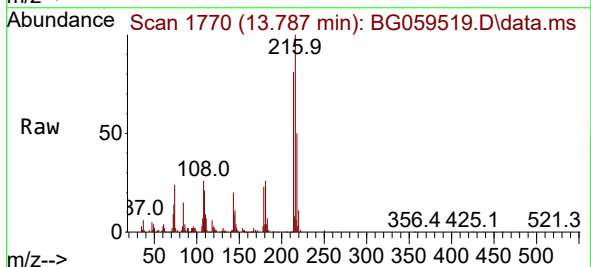
Tgt Ion:216 Resp: 138127

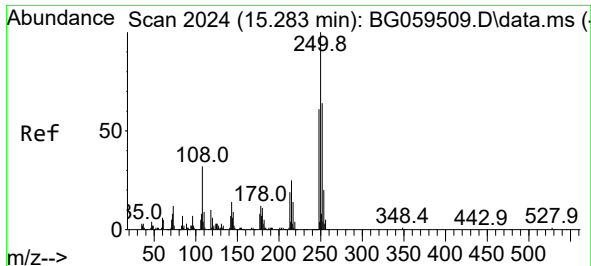
Ion Ratio Lower Upper

216 100

214 80.7 70.2 105.2

218 49.9 39.9 59.9

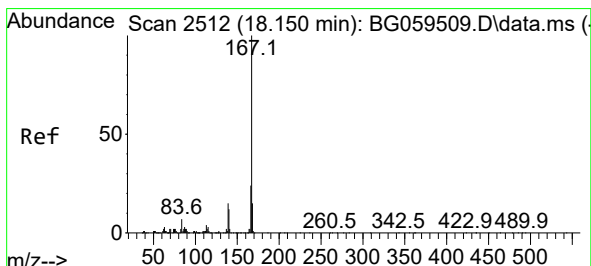
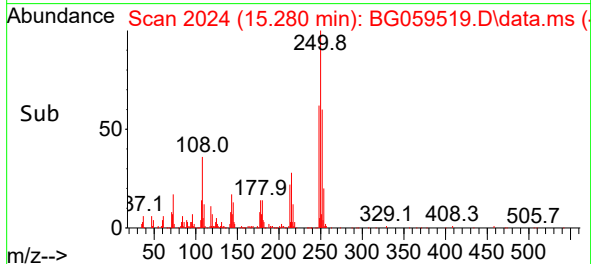
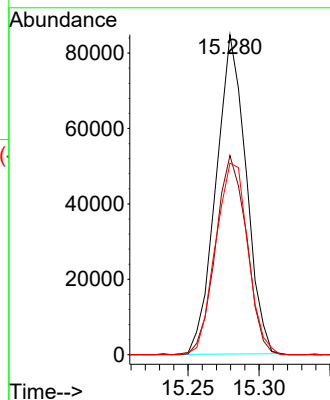
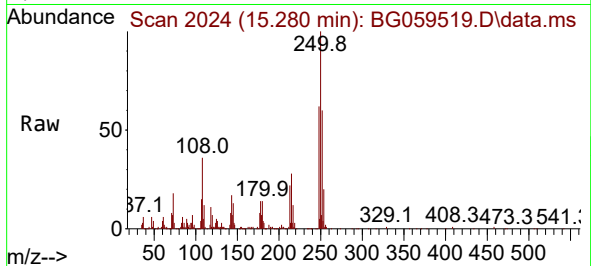




#76
Pentachlorobenzene
Concen: 22.635 ng/uL
RT: 15.280 min Scan# 2024
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

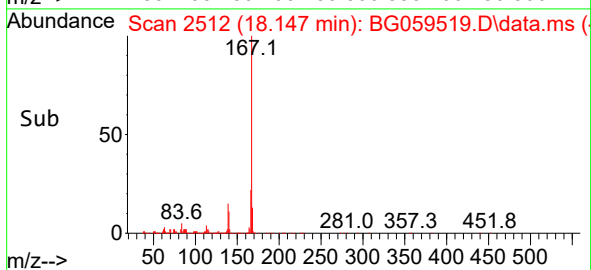
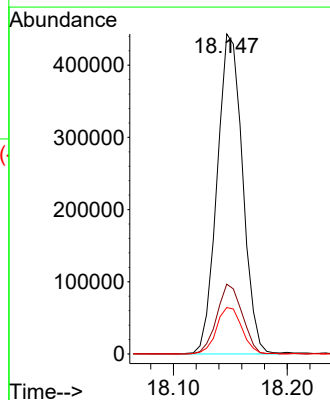
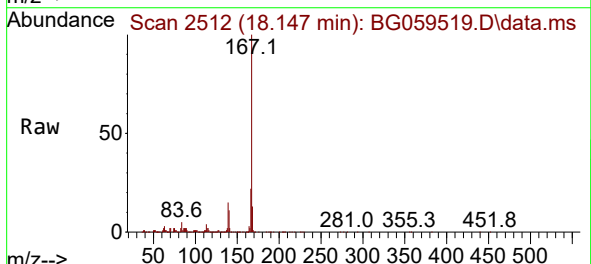
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

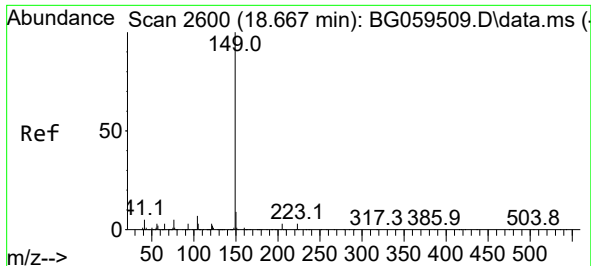
Tgt Ion:250 Resp: 124505
Ion Ratio Lower Upper
250 100
248 62.2 48.7 73.1
252 59.9 51.2 76.8



#77
Carbazole
Concen: 28.140 ng/uL
RT: 18.147 min Scan# 2512
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:167 Resp: 690690
Ion Ratio Lower Upper
167 100
166 21.8 19.4 29.2
139 14.5 11.7 17.5

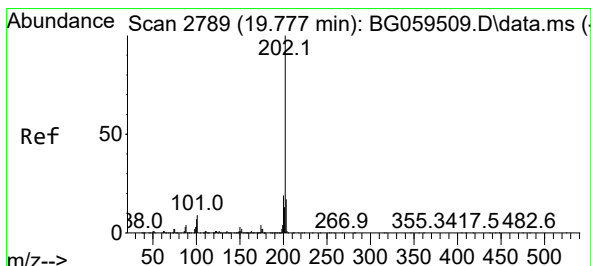
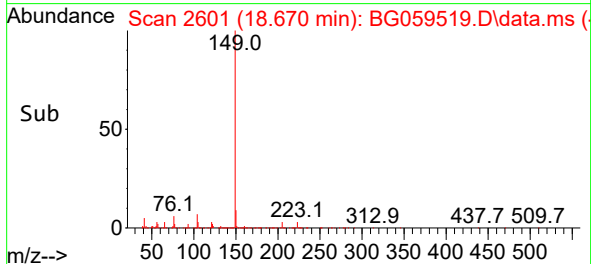
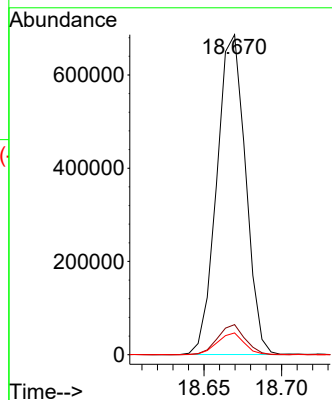
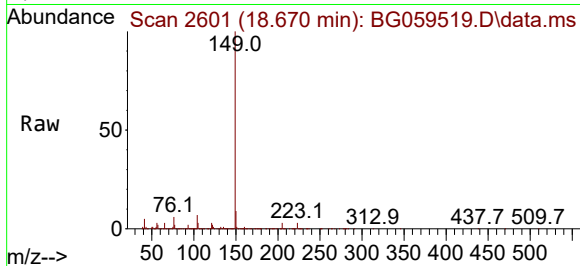




#78
Di-n-butylphthalate
Concen: 26.256 ng/ul
RT: 18.670 min Scan# 2000
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

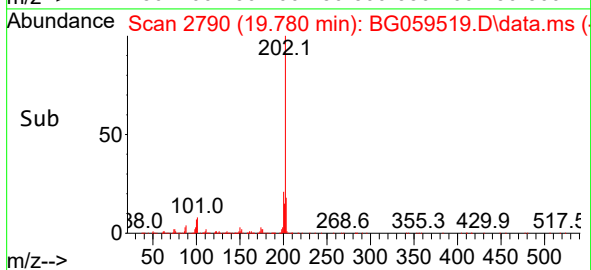
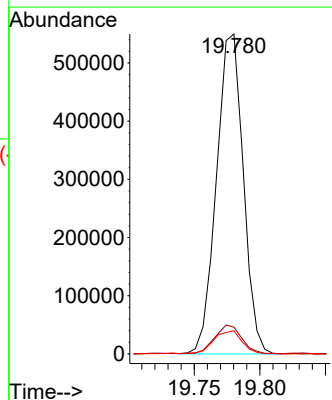
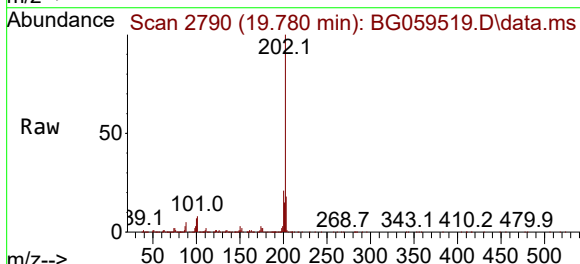
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

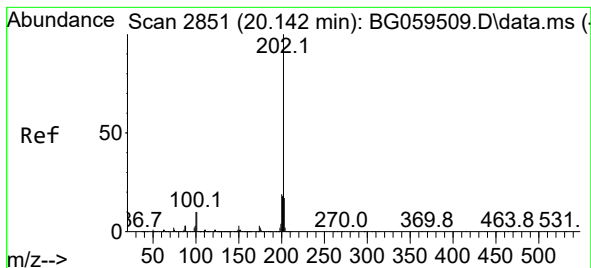
Tgt Ion:149 Resp: 885450
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 6.8 5.3 7.9



#80
Fluoranthene
Concen: 26.353 ng/ul
RT: 19.780 min Scan# 2790
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:202 Resp: 781384
Ion Ratio Lower Upper
202 100
101 8.4 7.0 10.6
100 7.2 5.2 7.8





#82

Pyrene

Concen: 26.126 ng/ul

RT: 20.139 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

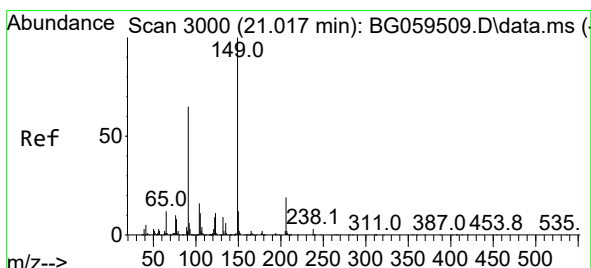
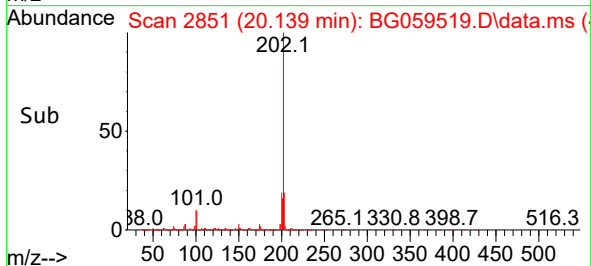
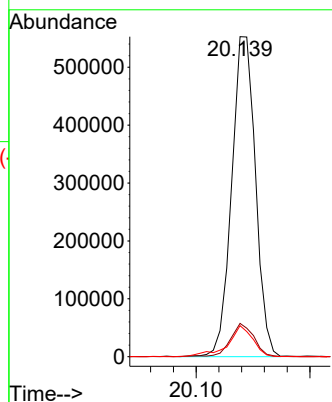
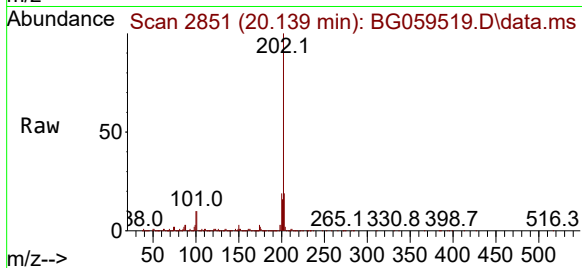
Tgt Ion:202 Resp: 804645

Ion Ratio Lower Upper

202 100

101 10.4 7.9 11.9

100 9.7 7.9 11.9



#83

Butylbenzylphthalate

Concen: 27.930 ng/ul

RT: 21.014 min Scan# 3000

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

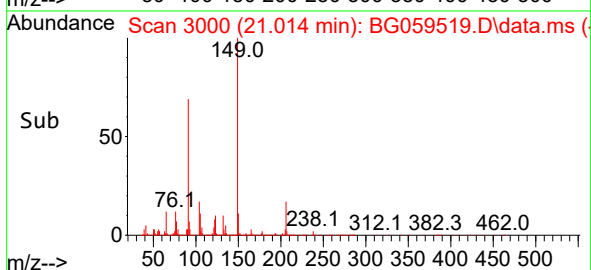
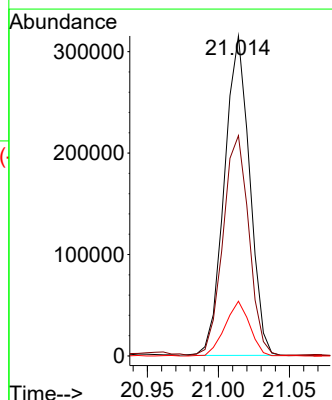
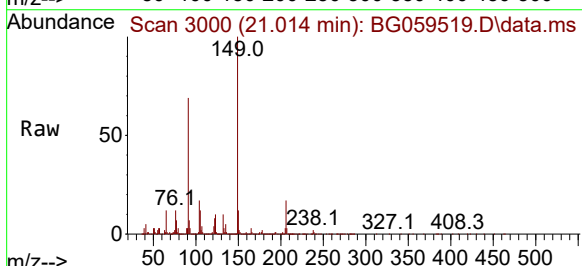
Tgt Ion:149 Resp: 388476

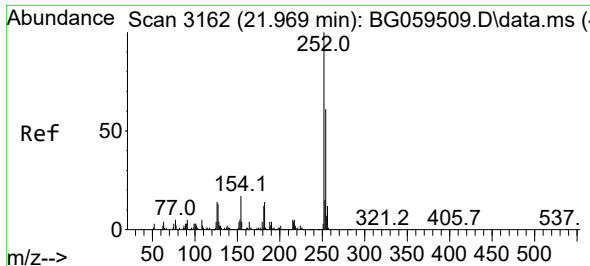
Ion Ratio Lower Upper

149 100

91 68.9 52.2 78.2

206 17.1 15.1 22.7

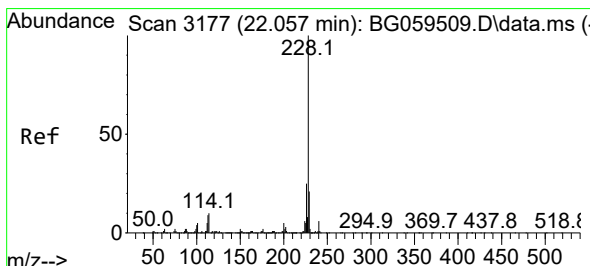
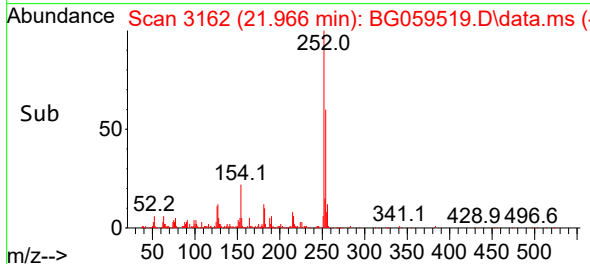
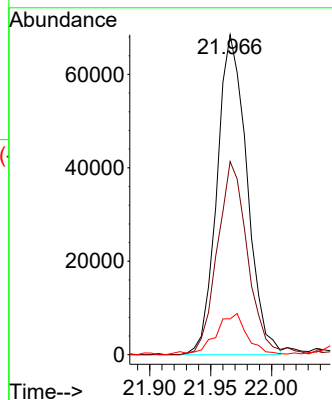
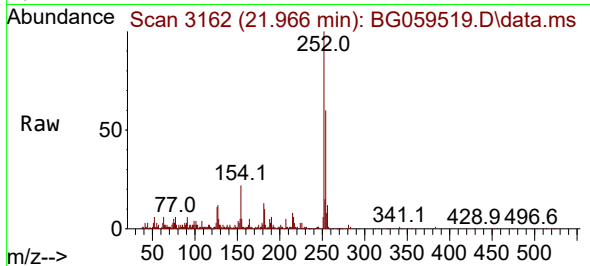




#84
3,3'-Dichlorobenzidine
Concen: 12.860 ng/ul
RT: 21.966 min Scan# 3162
Delta R.T. -0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

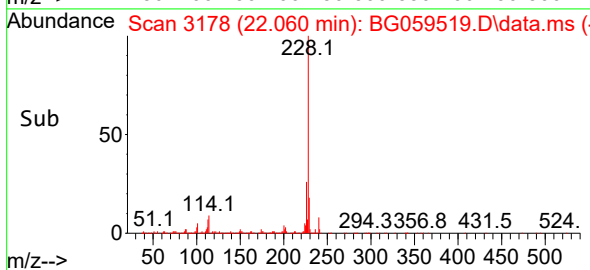
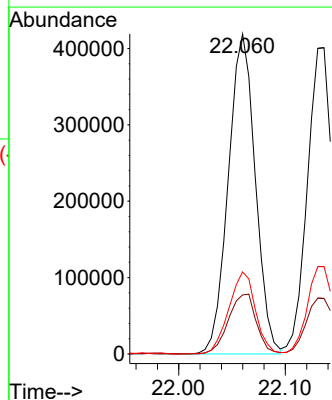
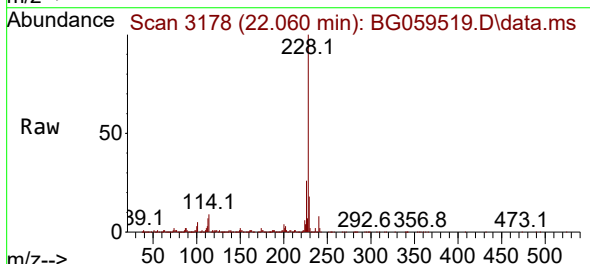
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

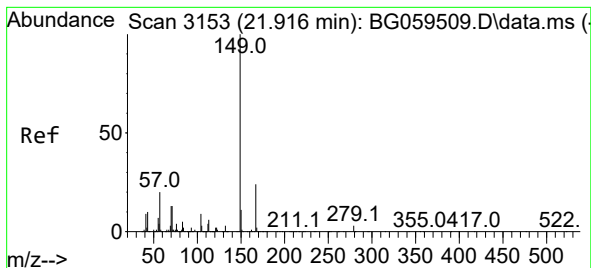
Tgt Ion:252 Resp: 117032
Ion Ratio Lower Upper
252 100
254 60.3 48.9 73.3
126 11.2 11.5 17.3#



#85
Benzo(a)anthracene
Concen: 25.616 ng/ul
RT: 22.060 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BG059519.D
Acq: 28 Oct 2023 13:07

Tgt Ion:228 Resp: 737684
Ion Ratio Lower Upper
228 100
229 18.5 16.7 25.1
226 25.6 20.3 30.5

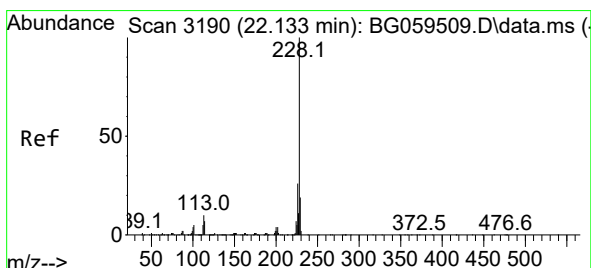
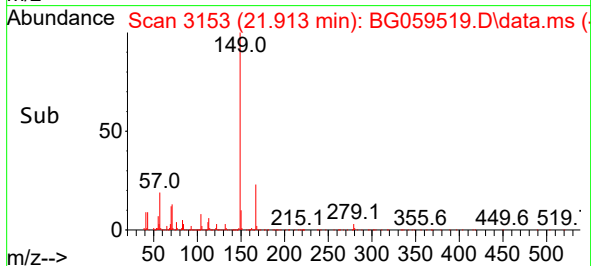
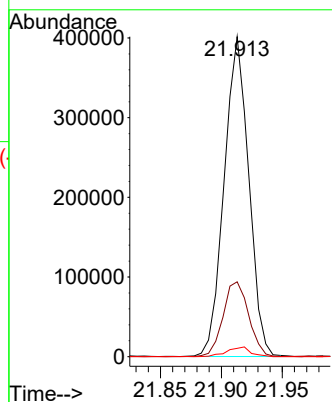
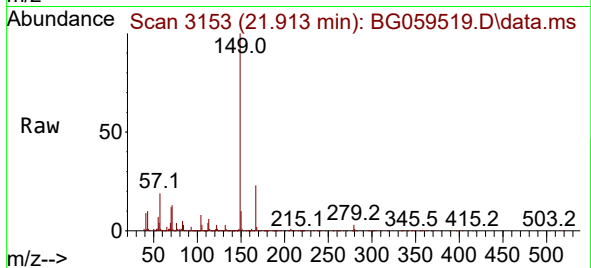




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 27.141 ng/ul
 RT: 21.913 min Scan# 3153
 Delta R.T. -0.003 min
 Lab File: BG059519.D
 Acq: 28 Oct 2023 13:07

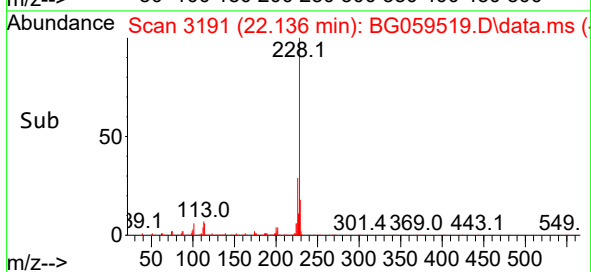
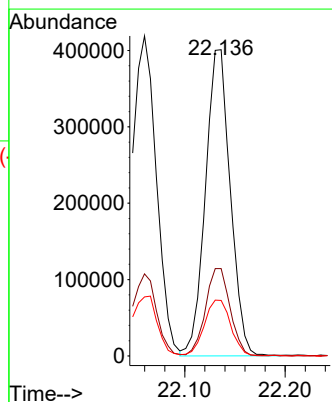
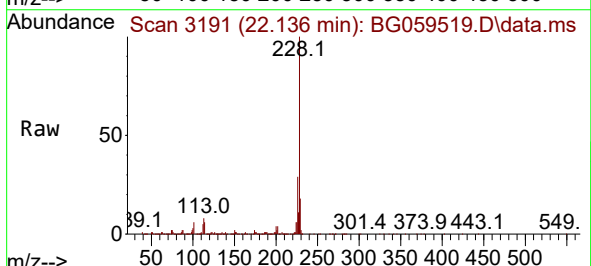
Instrument :
 BNA_G
 ClientSampleId :
 GCCW9MS

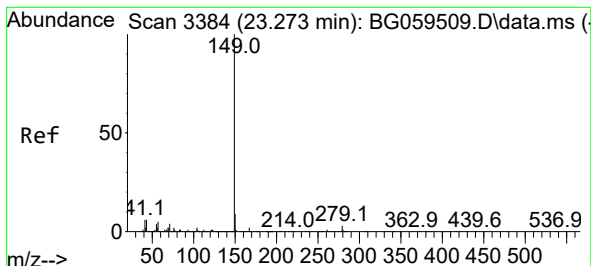
Tgt Ion:149 Resp: 563299
 Ion Ratio Lower Upper
 149 100
 167 23.4 19.4 29.2
 279 2.6 2.2 3.4



#87
 Chrysene
 Concen: 25.834 ng/ul
 RT: 22.136 min Scan# 3191
 Delta R.T. 0.003 min
 Lab File: BG059519.D
 Acq: 28 Oct 2023 13:07

Tgt Ion:228 Resp: 692071
 Ion Ratio Lower Upper
 228 100
 226 28.5 21.0 31.4
 229 18.1 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 28.481 ng/ul

RT: 23.270 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

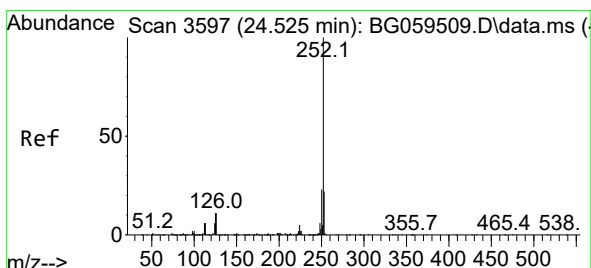
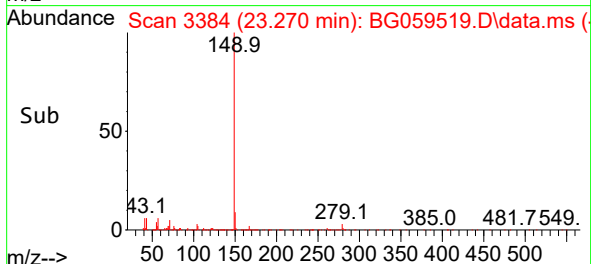
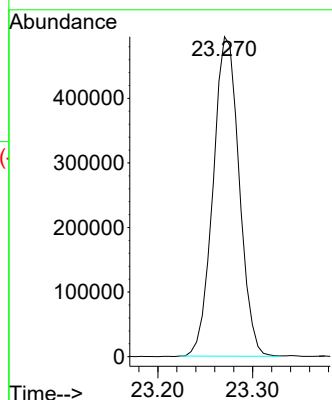
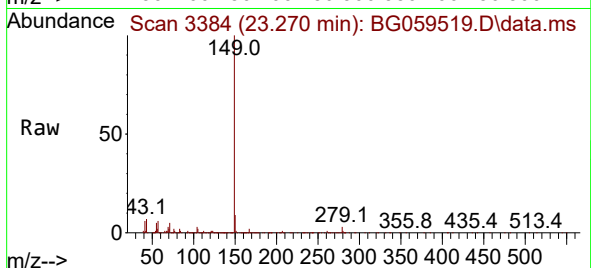
Instrument :

BNA_G

ClientSampleId :

GCCW9MS

Tgt Ion:149 Resp: 946664



#90

Benzo(b)fluoranthene

Concen: 25.904 ng/ul

RT: 24.528 min Scan# 3598

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

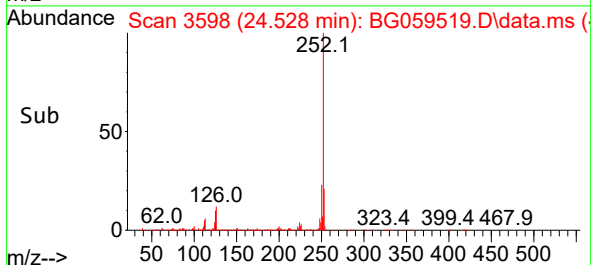
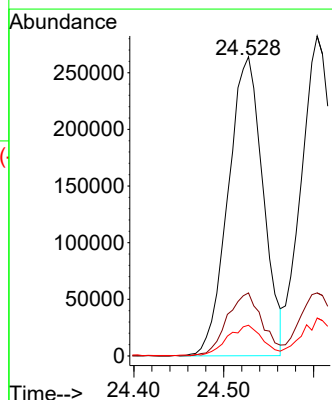
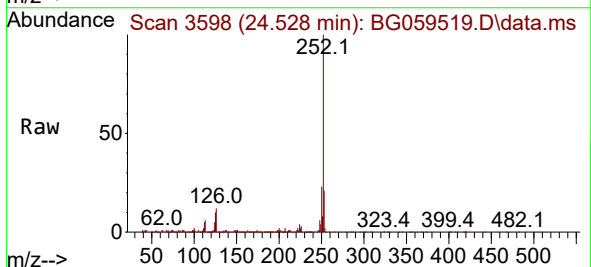
Tgt Ion:252 Resp: 712870

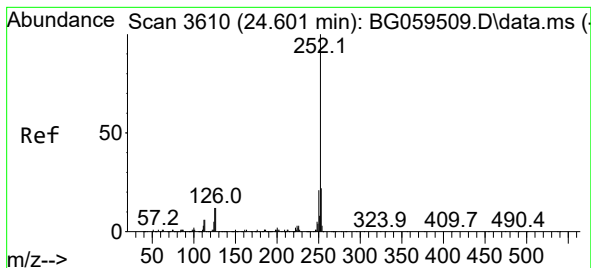
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

125 10.3 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 25.784 ng/ul

RT: 24.604 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

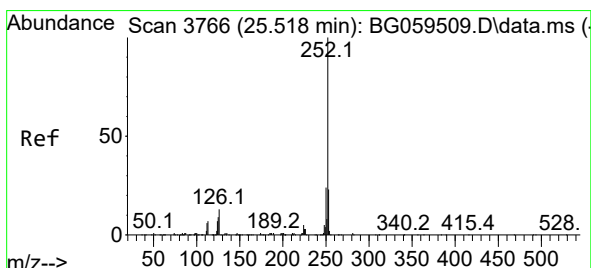
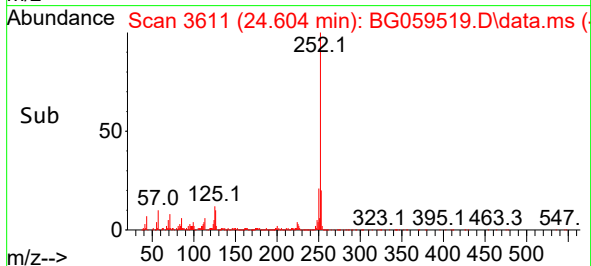
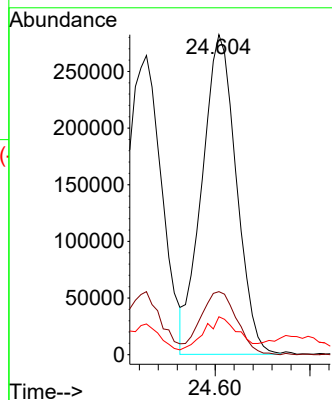
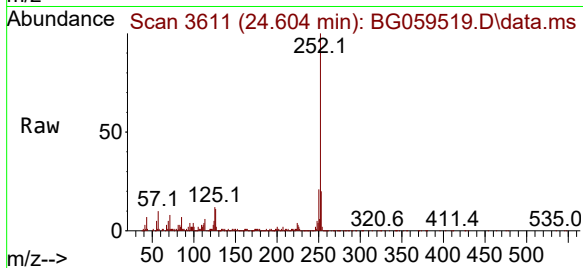
Tgt Ion:252 Resp: 708744

Ion Ratio Lower Upper

252 100

253 19.7 17.9 26.9

125 11.8 7.9 11.9



#93

Benzo(a)pyrene

Concen: 25.229 ng/ul

RT: 25.520 min Scan# 3767

Delta R.T. 0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

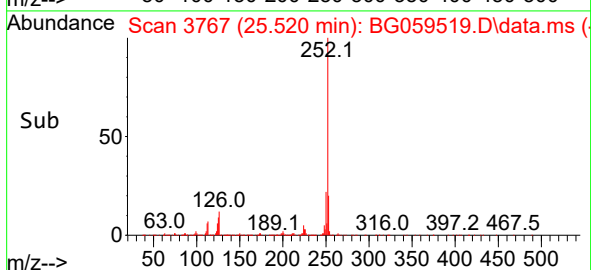
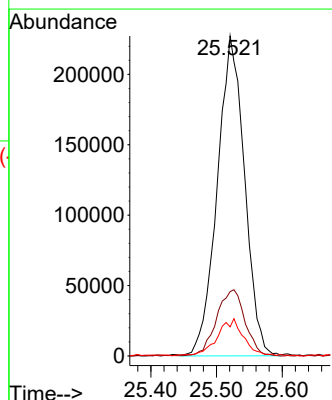
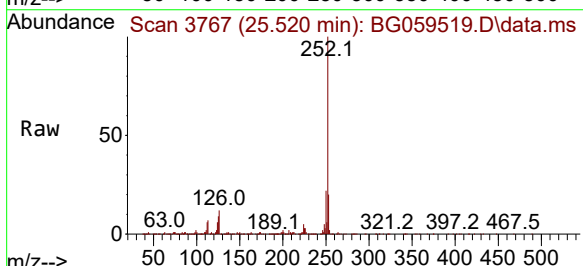
Tgt Ion:252 Resp: 656194

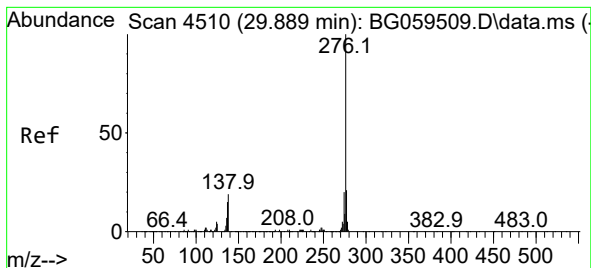
Ion Ratio Lower Upper

252 100

253 20.1 18.5 27.7

125 9.1 7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.601 ng/ul

RT: 29.880 min Scan# 4510

Delta R.T. -0.009 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

Instrument :

BNA_G

ClientSampleId :

GCCW9MS

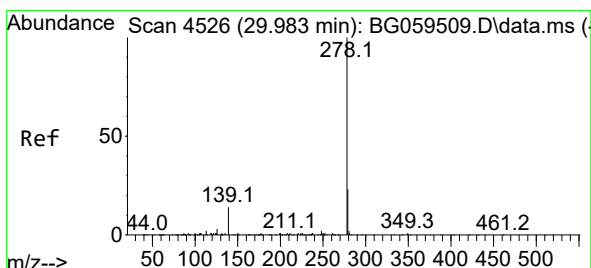
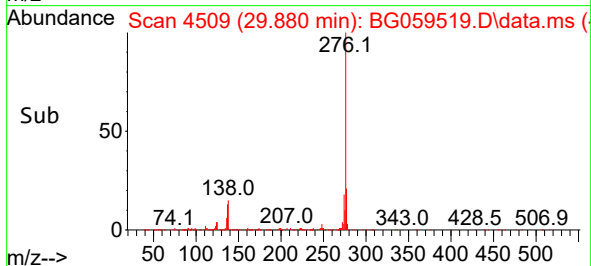
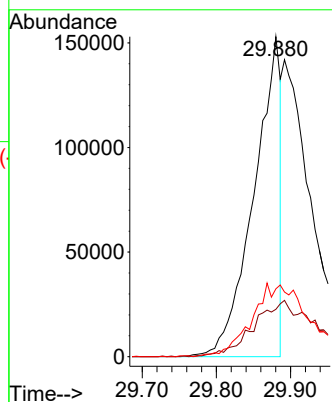
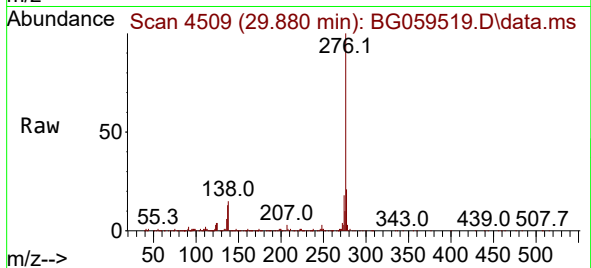
Tgt Ion:276 Resp: 382448

Ion Ratio Lower Upper

276 100

138 14.8 15.3 22.9#

277 21.2 16.4 24.6



#95

Dibenzo(a,h)anthracene

Concen: 25.916 ng/ul

RT: 29.980 min Scan# 4526

Delta R.T. -0.003 min

Lab File: BG059519.D

Acq: 28 Oct 2023 13:07

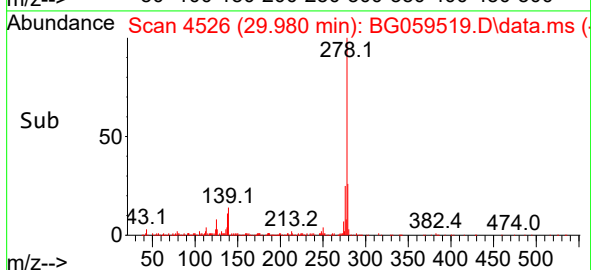
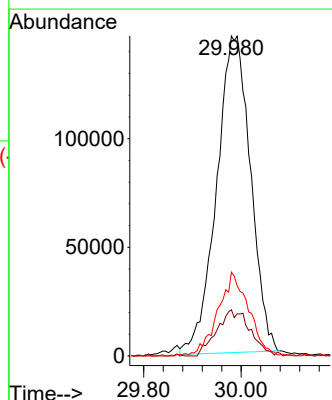
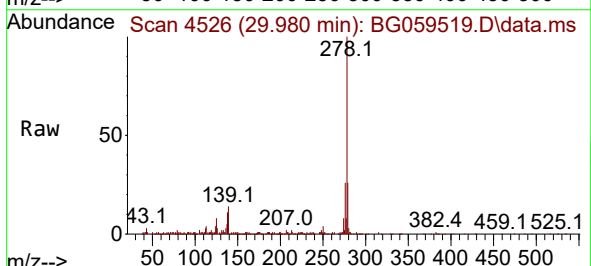
Tgt Ion:278 Resp: 705651

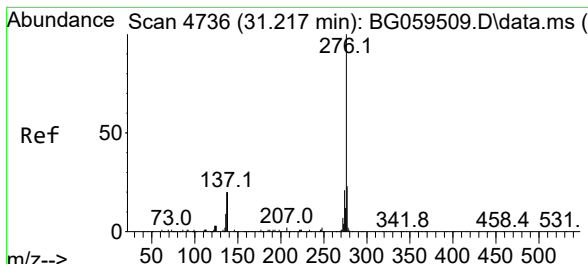
Ion Ratio Lower Upper

278 100

139 14.5 11.0 16.6

279 26.2 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 15.490 ng/ul
 RT: 31.214 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BG059519.D
 Acq: 28 Oct 2023 13:07

Instrument :
 BNA_G
 ClientSampleId :
 GCCW9MS

Tgt Ion:276 Resp: 417951

Ion	Ratio	Lower	Upper
276	100		
138	18.0	16.2	24.2
277	22.6	18.2	27.4

