

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058159.D
 Acq On : 11 Jul 2023 14:56
 Operator : CG/JU
 Sample : 03386-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX804MS

Quant Time: Jul 11 22:55:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	43089	20.000	ng/u1	0.00
20) Naphthalene-d8	10.778	136	201708	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.603	164	142810	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.347	188	329269	20.000	ng/u1	0.00
79) Chrysene-d12	21.606	240	274351	20.000	ng/u1	0.00
88) Perylene-d12	24.803	264	341411	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	6232	5.065	ng/uL	0.00
4) Pyridine-d5	3.815	84	90818	24.310	ng/u1	0.00
7) Phenol-d5	7.135	99	139846	31.780	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	80518	30.363	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	95970	31.621	ng/u1	0.00
15) 4-Methylphenol-d8	8.680	113	101462	30.557	ng/u1	0.00
21) Nitrobenzene-d5	9.139	128	52851	32.148	ng/u1	0.00
24) 2-Nitrophenol-d4	9.861	143	58738	33.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.402	165	110727	33.406	ng/u1	0.00
31) 4-Chloroaniline-d4	10.913	131	137007	27.263	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	337659	29.966	ng/u1	0.00
49) Acenaphthylene-d8	14.297	160	393946	32.039	ng/u1	0.00
54) 4-Nitrophenol-d4	14.803	143	48196	24.210	ng/u1	0.00
60) Fluorene-d10	15.596	176	301960	31.555	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	46011	25.734	ng/u1	0.00
73) Anthracene-d10	17.447	188	469701	30.742	ng/u1	0.00
81) Pyrene-d10	19.732	212	542750	31.411	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.579	264	563375	32.389	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	15537	10.221	ng/uL	98
5) Pyridine	3.833	79	104716	27.358	ng/u1	96
6) Benzaldehyde	7.112	77	75401	51.308	ng/u1	98
8) Phenol	7.164	94	149666	33.516	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.388	93	107106	31.064	ng/u1	97
12) 2-Chlorophenol	7.541	128	102717	32.523	ng/u1	98
13) 2-Methylphenol	8.416	108	109376	31.188	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.504	45	169666	31.968	ng/u1	98
16) Acetophenone	8.792	105	181127	32.879	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.774	70	94039	31.932	ng/u1	97
18) 4-Methylphenol	8.745	108	122296	32.250	ng/u1	96
19) Hexachloroethane	9.056	117	38371	31.692	ng/u1	97
22) Nitrobenzene	9.180	77	132864	31.132	ng/u1	97
23) Isophorone	9.697	82	280213	30.770	ng/u1	98
25) 2-Nitrophenol	9.891	139	63718	34.367	ng/u1	90
26) 2,4-Dimethylphenol	9.949	107	82144	19.703	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.179	93	159307	31.044	ng/u1	98
29) 2,4-Dichlorophenol	10.425	162	108899	33.791	ng/u1	92
30) Naphthalene	10.831	128	363327	32.052	ng/u1	98
32) 4-Chloroaniline	10.937	127	121784	23.700	ng/u1	98
33) Hexachlorobutadiene	11.107	225	71948	31.535	ng/u1	96
34) Caprolactam	11.700	113	34733	26.807	ng/u1	95
35) 4-Chloro-3-methylphenol	12.065	107	134968	34.094	ng/u1	98
36) 2-Methylnaphthalene	12.435	142	247055	32.332	ng/u1	95

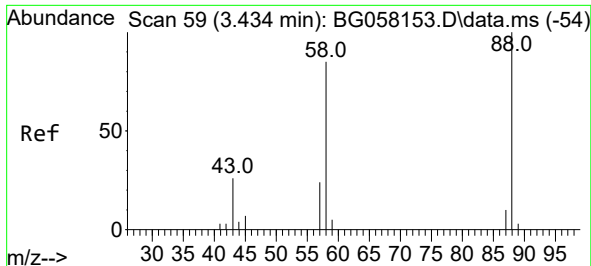
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.652	142	249786	32.598	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.799	216	145608	33.457	ng/ul	97
40) Hexachlorocyclopentadiene	12.776	237	45068	16.441	ng/ul	95
41) 2,4,6-Trichlorophenol	13.040	196	99329	33.675	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	107707	33.764	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	335534	32.603	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	267267	32.358	ng/ul	99
45) 2-Nitroaniline	13.686	65	96868	33.732	ng/ul	96
47) Dimethylphthalate	14.051	163	351002	31.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	76185	32.786	ng/ul	95
50) Acenaphthylene	14.327	152	426729	32.138	ng/ul	98
51) 3-Nitroaniline	14.509	138	74602	37.990	ng/ul	99
52) Acenaphthene	14.667	153	296421	32.533	ng/ul	99
53) 2,4-Dinitrophenol	14.714	184	36636	30.242	ng/ul	96
55) 4-Nitrophenol	14.820	109	43394	29.424	ng/ul	90
56) Dibenzofuran	15.002	168	418092	32.280	ng/ul	100
57) 2,4-Dinitrotoluene	14.967	165	109005	33.109	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	91117	31.376	ng/ul#	96
59) Diethylphthalate	15.414	149	360814	30.537	ng/ul	99
61) Fluorene	15.649	166	340309	32.023	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.637	204	181991	32.365	ng/ul	98
63) 4-Nitroaniline	15.672	138	73091	41.549	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.731	198	57229	31.300	ng/ul	97
67) N-Nitrosodiphenylamine	15.854	169	287500	32.809	ng/ul	98
68) 4-Bromophenyl-phenylether	16.536	248	123812	34.256	ng/ul	97
69) Hexachlorobenzene	16.653	284	135649	33.521	ng/ul	98
70) Atrazine	16.794	200	76599	21.376	ng/ul	97
71) Pentachlorophenol	17.000	266	70744	29.120	ng/ul	93
72) Phenanthrene	17.388	178	541517	32.332	ng/ul	99
74) Anthracene	17.482	178	529291	31.228	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	153722	35.202	ng/uL	96
76) Pentachlorobenzene	14.926	250	363707	77.985	ng/uL	97
77) Carbazole	17.746	167	488811	31.888	ng/ul	98
78) Di-n-butylphthalate	18.299	149	622038	31.856	ng/ul	99
80) Fluoranthene	19.397	202	632934	31.612	ng/ul	100
82) Pyrene	19.761	202	635249	31.520	ng/ul	99
83) Butylbenzylphthalate	20.637	149	272568	33.352	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.501	252	222202	33.455	ng/ul	98
85) Benzo(a)anthracene	21.589	228	634245	32.197	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.483	149	398734	34.047	ng/ul	98
87) Chrysene	21.653	228	599766	32.479	ng/ul	99
89) Di-n-octyl phthalate	22.676	149	699943	33.367	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	669165	31.655	ng/ul	100
91) Benzo(k)fluoranthene	23.851	252	674943	32.574	ng/ul	99
93) Benzo(a)pyrene	24.656	252	597174	31.917	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.445	276	816137	32.848	ng/ul	99
95) Dibenzo(a,h)anthracene	28.504	278	681895	33.283	ng/ul	98
96) Benzo(g,h,i)perylene	29.591	276	639085	31.491	ng/ul	99

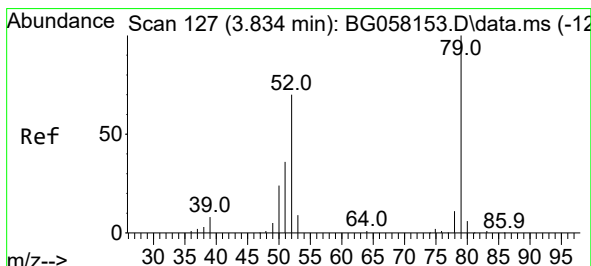
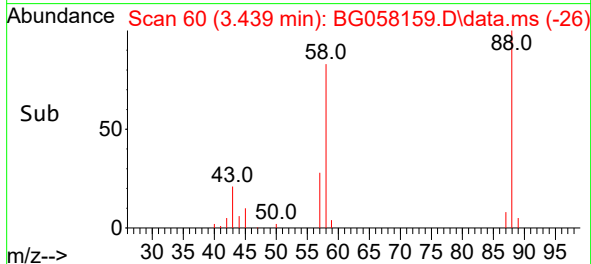
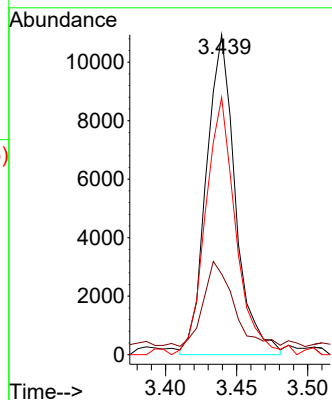
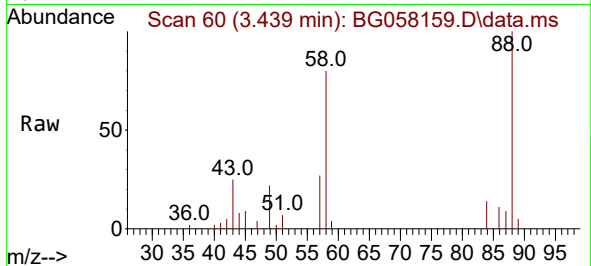
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#2
1,4-Dioxane
Concen: 10.221 ng/uL
RT: 3.439 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058159.D
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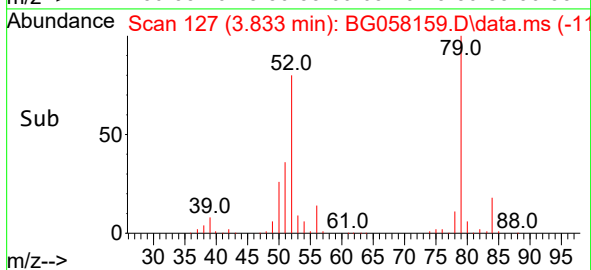
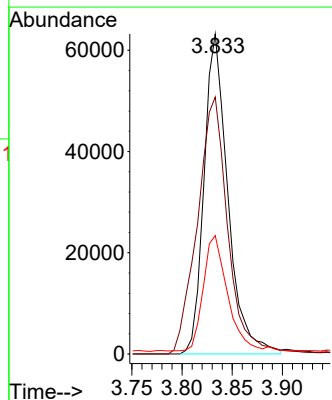
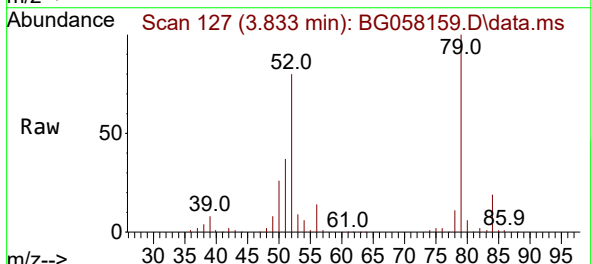
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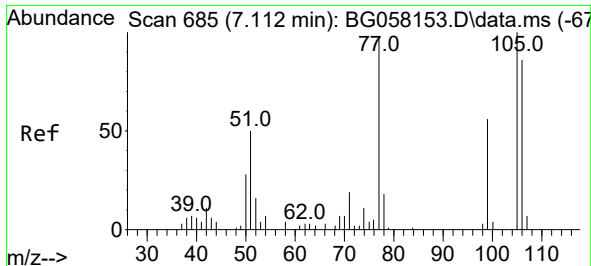
Tgt Ion: 88	Resp: 15537
Ion Ratio	Lower Upper
88	100
43	25.2 20.6 30.8
58	80.4 65.5 98.3



#5
Pyridine
Concen: 27.358 ng/uL
RT: 3.833 min Scan# 127
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion: 79	Resp: 104716
Ion Ratio	Lower Upper
79	100
52	80.3 68.6 102.8
51	37.0 29.4 44.0

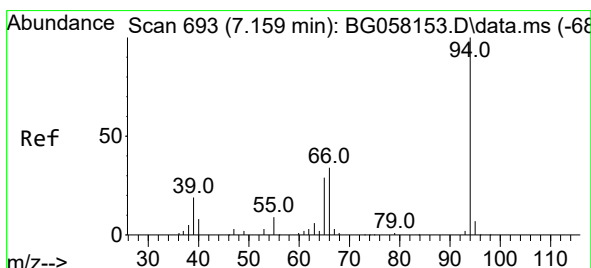
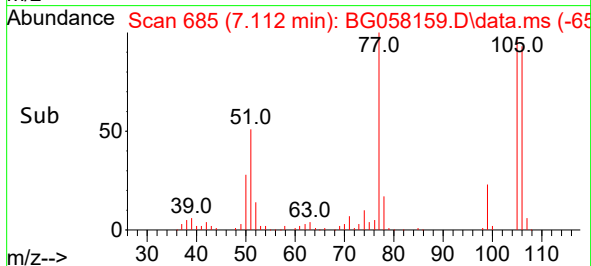
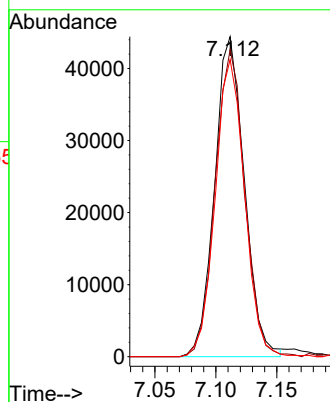
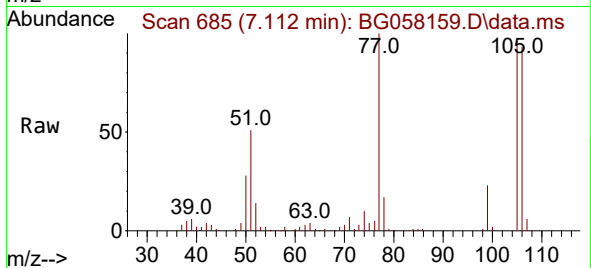




#6
Benzaldehyde
Concen: 51.308 ng/ul
RT: 7.112 min Scan# 685
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

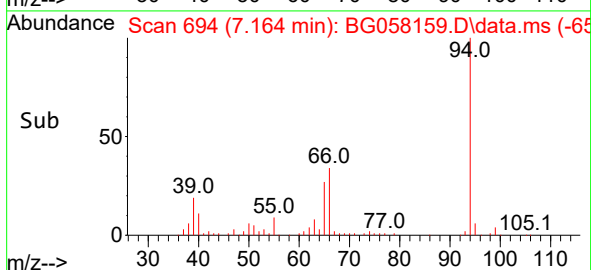
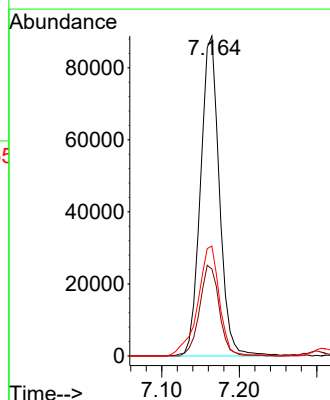
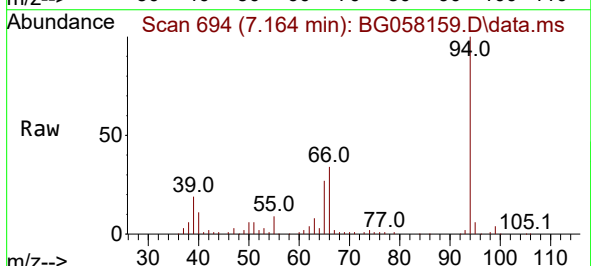
Instrument :
BNA_G
ClientSampleId :
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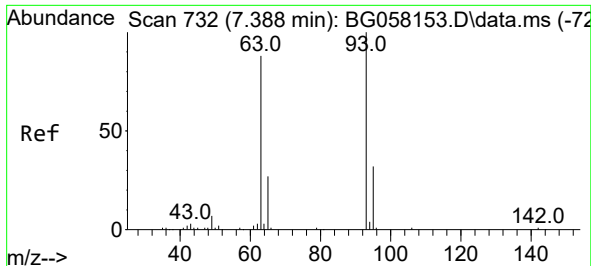
Tgt Ion: 77 Resp: 75401
Ion Ratio Lower Upper
77 100
105 95.9 74.7 112.1
106 92.9 75.9 113.9



#8
Phenol
Concen: 33.516 ng/ul
RT: 7.164 min Scan# 694
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion: 94 Resp: 149666
Ion Ratio Lower Upper
94 100
65 27.2 22.2 33.4
66 34.4 28.6 43.0



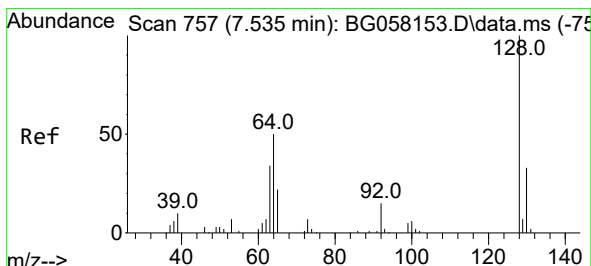
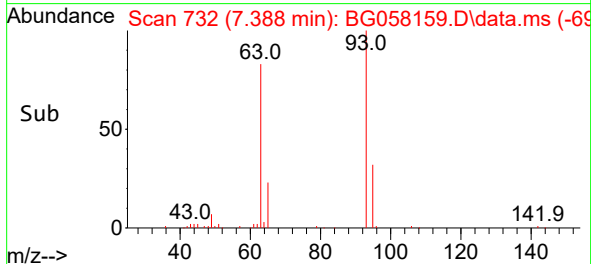
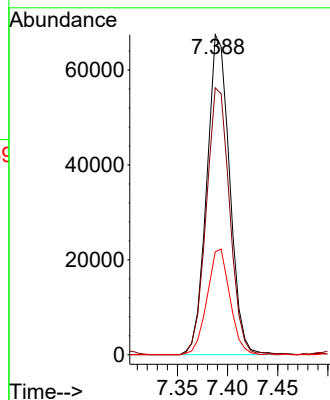
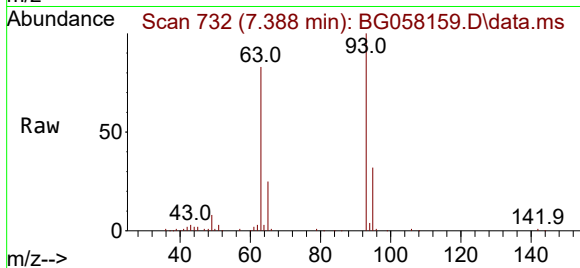


#10
 Bis(2-Chloroethyl)ether
 Concen: 31.064 ng/ul
 RT: 7.388 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

Instrument :
 BNA_G
 ClientSampleId :
 EX804MS

Tgt Ion: 93 Resp: 107106

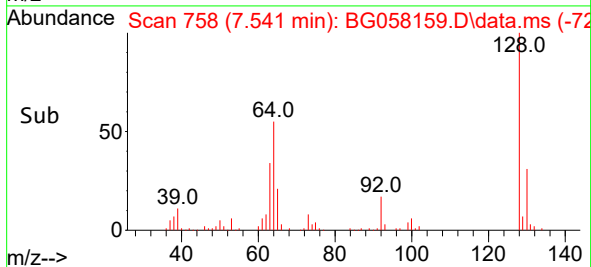
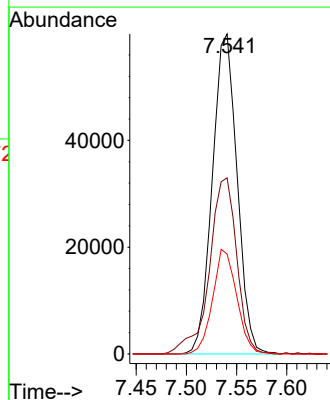
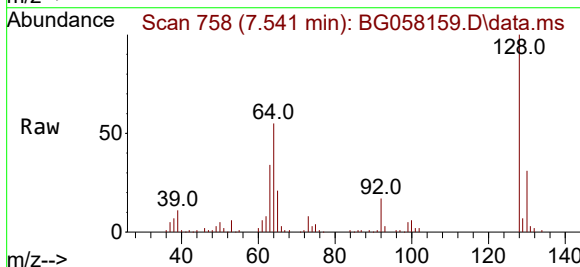
Ion	Ratio	Lower	Upper
93	100		
63	83.4	69.4	104.0
95	32.2	27.0	40.6

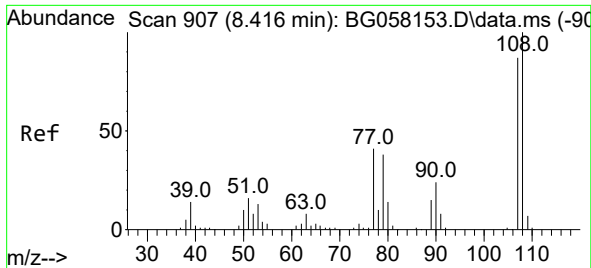


#12
 2-Chlorophenol
 Concen: 32.523 ng/ul
 RT: 7.541 min Scan# 758
 Delta R.T. 0.006 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

Tgt Ion: 128 Resp: 102717

Ion	Ratio	Lower	Upper
128	100		
64	55.0	44.3	66.5
130	31.2	27.3	40.9

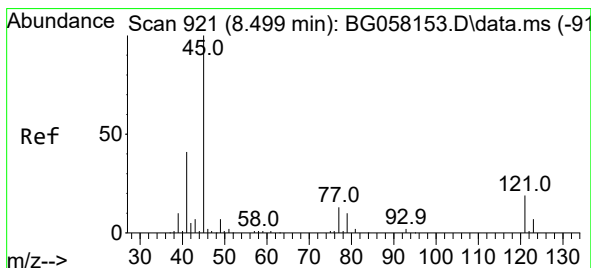
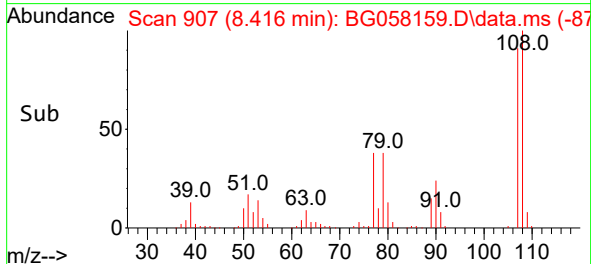
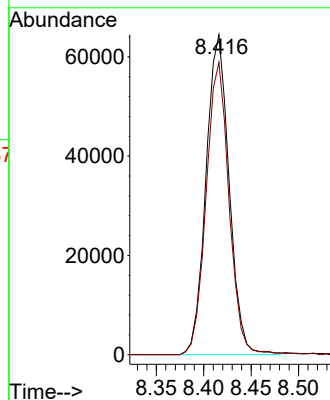
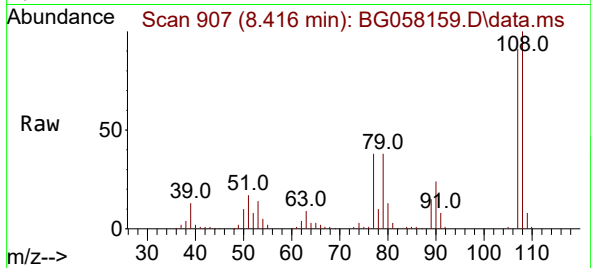




#13
2-Methylphenol
Concen: 31.188 ng/ul
RT: 8.416 min Scan# 907
Delta R.T. 0.006 min
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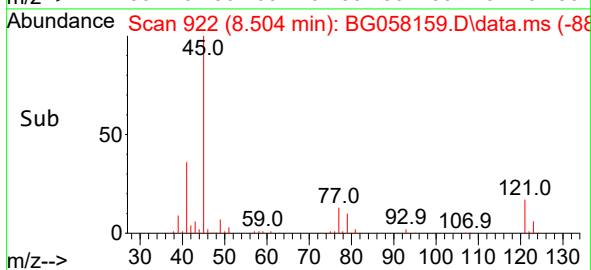
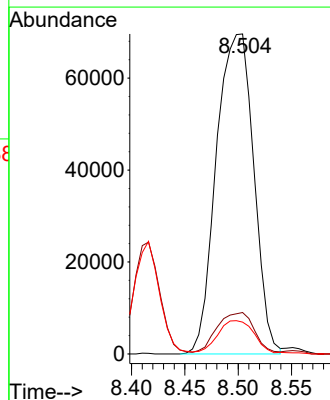
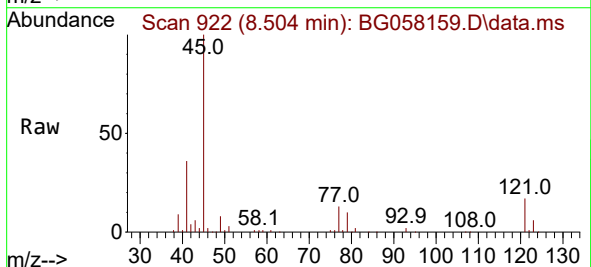
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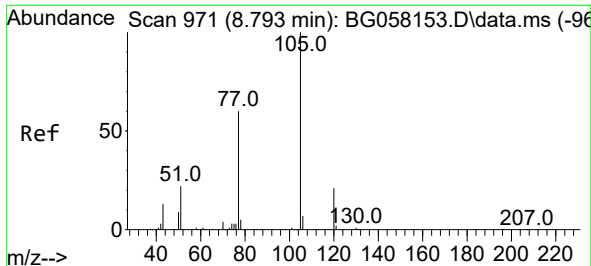
Tgt Ion:108 Resp: 109376
Ion Ratio Lower Upper
108 100
107 91.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.968 ng/ul
RT: 8.504 min Scan# 922
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion: 45 Resp: 169666
Ion Ratio Lower Upper
45 100
77 13.0 9.4 14.2
79 10.0 8.3 12.5

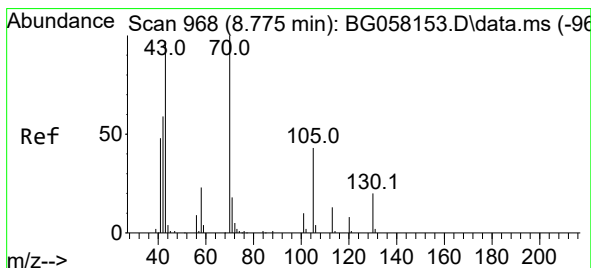
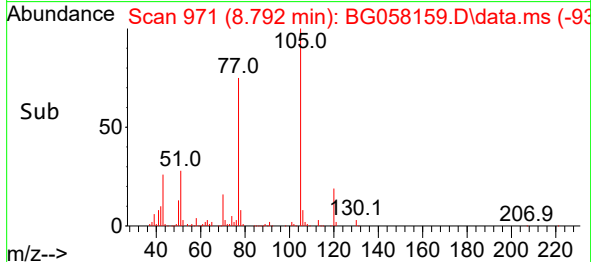
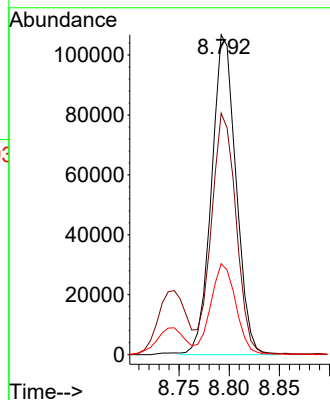
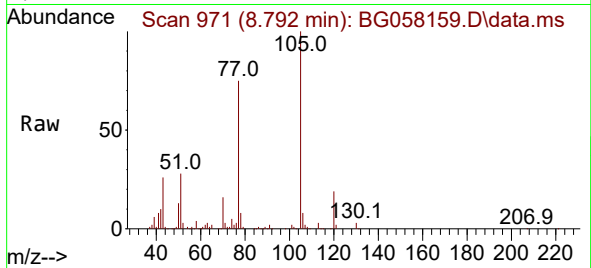




#16
Acetophenone
Concen: 32.879 ng/ul
RT: 8.792 min Scan# 971
Delta R.T. -0.000 min
Lab File: BG058159.D
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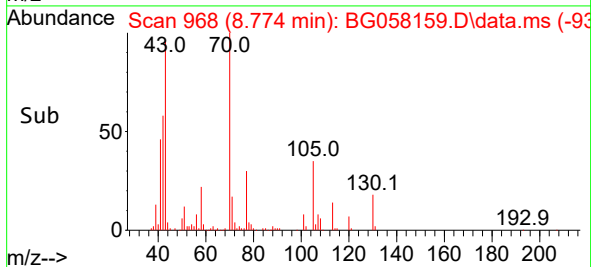
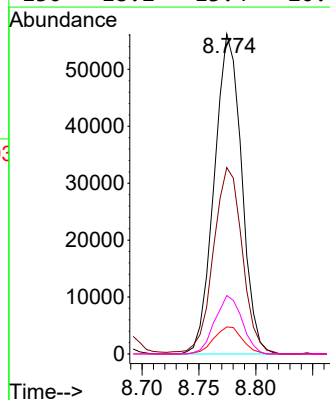
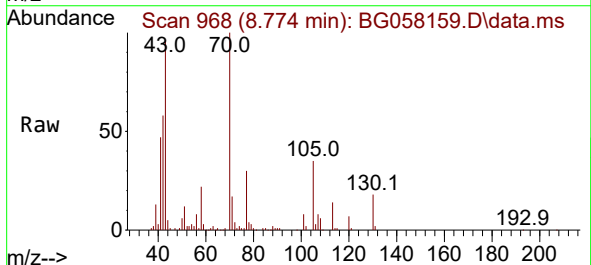
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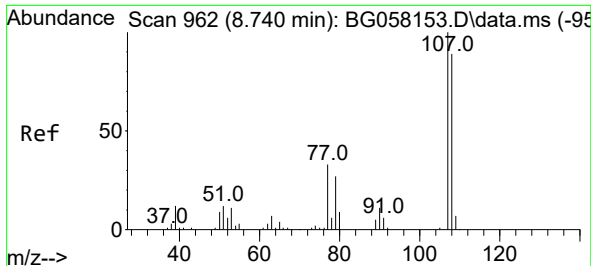
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Ion Ratio Lower Upper
105 100
77 75.5 61.2 91.8
51 28.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 31.932 ng/ul
RT: 8.774 min Scan# 968
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion: 70 Resp: 94039
Ion Ratio Lower Upper
70 100
42 58.3 48.0 72.0
101 8.4 7.4 11.2
130 18.2 13.4 20.0

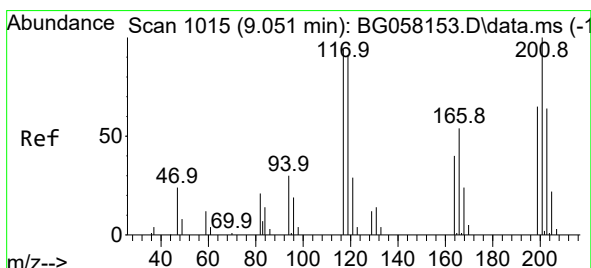
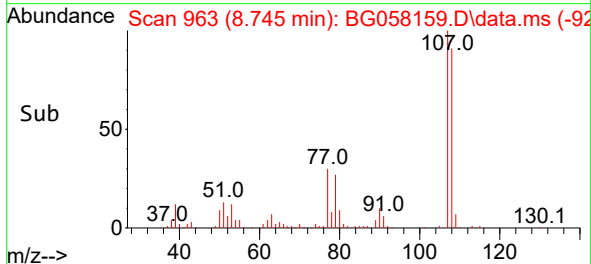
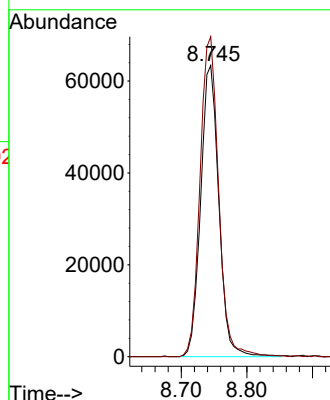
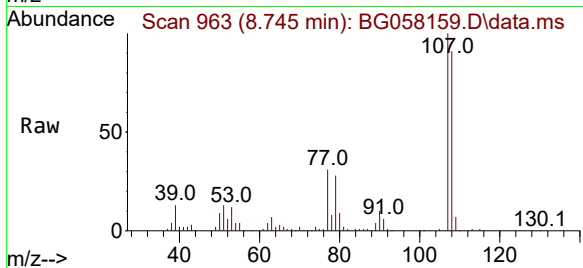




#18
4-Methylphenol
Concen: 32.250 ng/ul
RT: 8.745 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

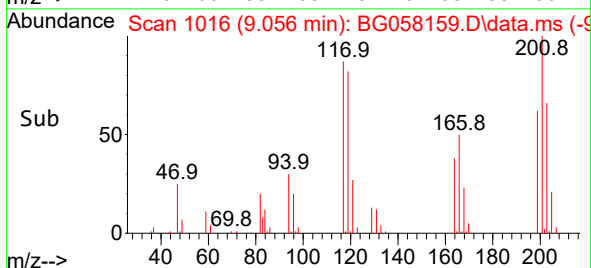
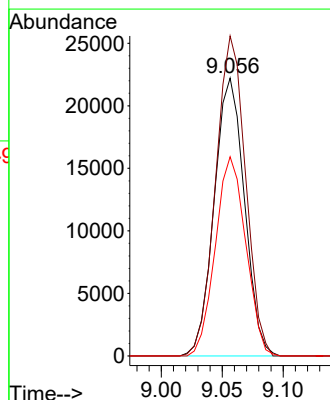
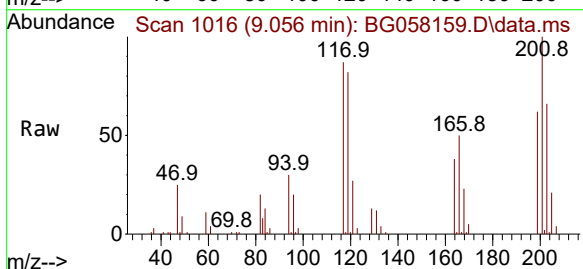
Instrument :
BNA_G
ClientSampleId :
EX804MS

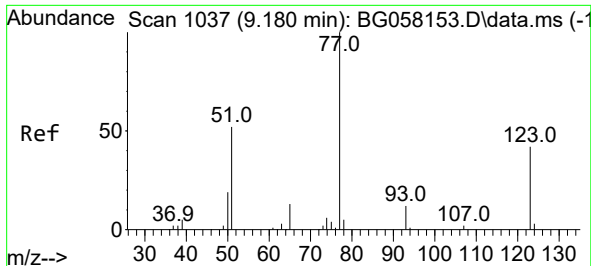
Tgt Ion:108 Resp: 122296
Ion Ratio Lower Upper
108 100
107 109.9 91.1 136.7



#19
Hexachloroethane
Concen: 31.692 ng/ul
RT: 9.056 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:117 Resp: 38371
Ion Ratio Lower Upper
117 100
201 115.2 94.0 141.0
199 71.7 59.8 89.6

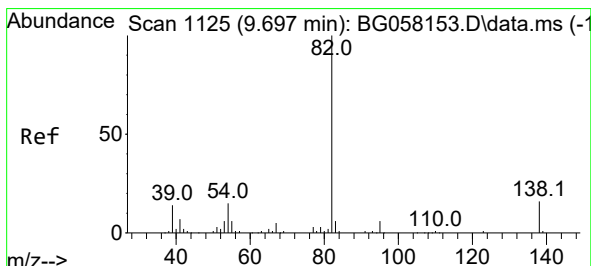
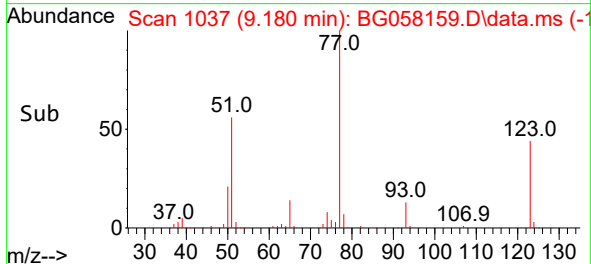
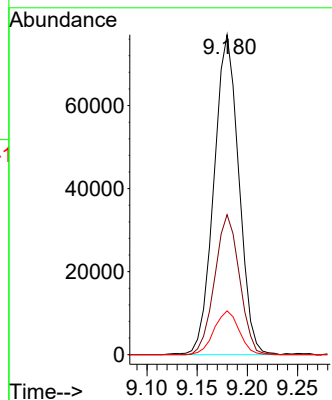
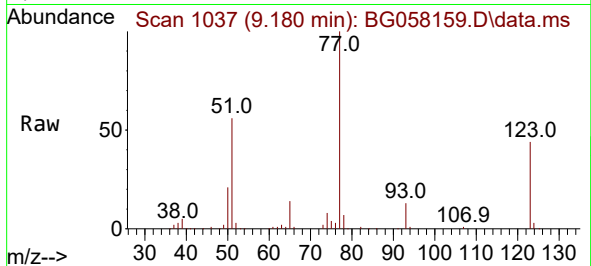




#22
Nitrobenzene
Concen: 31.132 ng/ul
RT: 9.180 min Scan# 1037
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

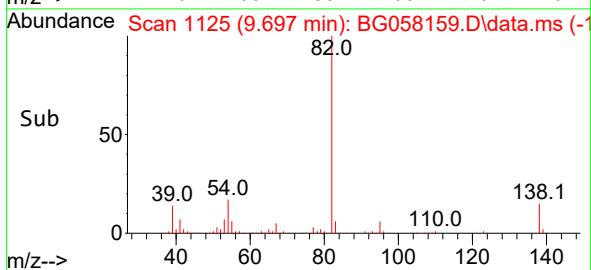
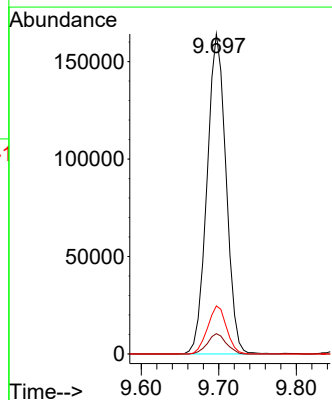
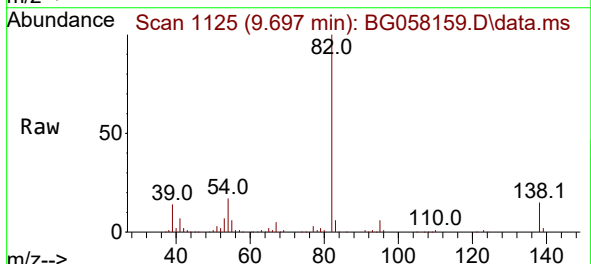
Instrument :
BNA_G
ClientSampleId :
EX804MS

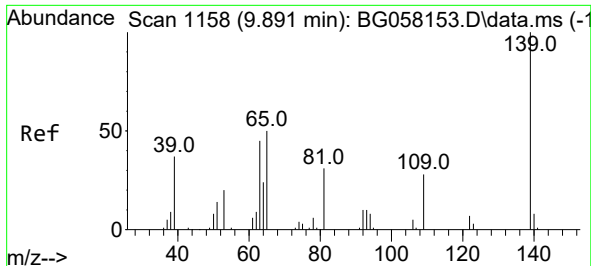
Tgt Ion: 77 Resp: 132864
Ion Ratio Lower Upper
77 100
123 43.8 33.3 49.9
65 13.7 10.4 15.6



#23
Isophorone
Concen: 30.770 ng/ul
RT: 9.697 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion: 82 Resp: 280213
Ion Ratio Lower Upper
82 100
95 6.3 4.8 7.2
138 15.0 11.4 17.0

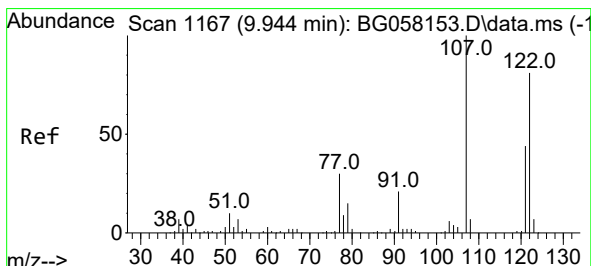
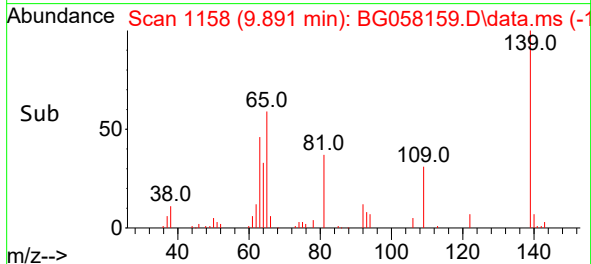
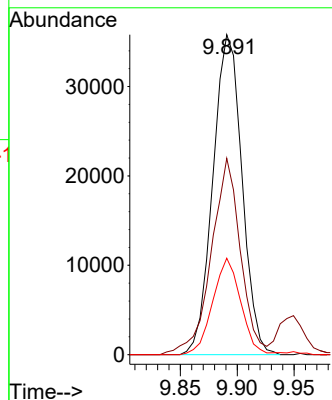
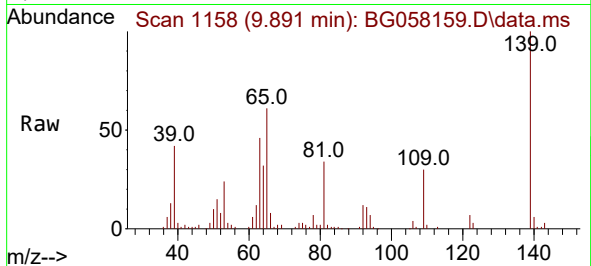




#25
2-Nitrophenol
Concen: 34.367 ng/ul
RT: 9.891 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

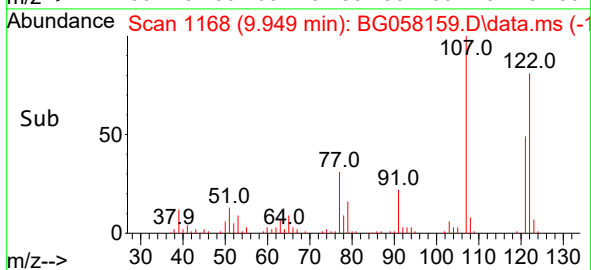
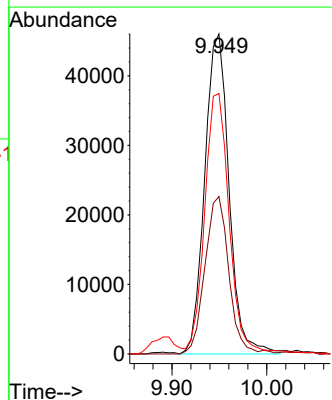
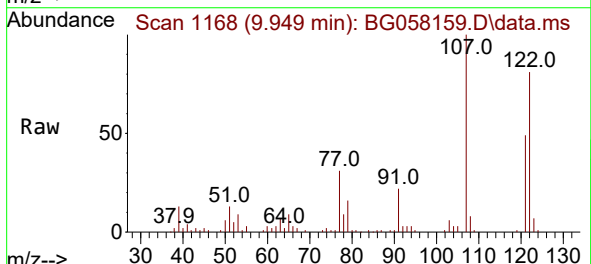
Instrument :
BNA_G
ClientSampleId :
EX804MS

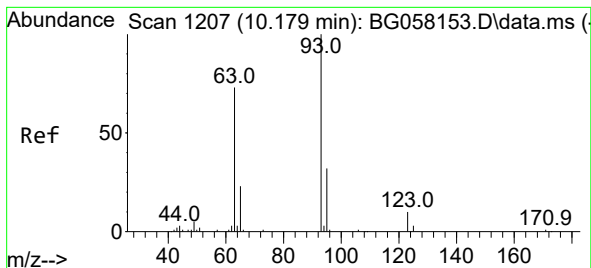
Tgt Ion:139 Resp: 63718
Ion Ratio Lower Upper
139 100
65 61.4 42.6 64.0
109 30.2 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 19.703 ng/ul
RT: 9.949 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:107 Resp: 82144
Ion Ratio Lower Upper
107 100
121 49.2 40.6 60.8
122 81.4 67.1 100.7

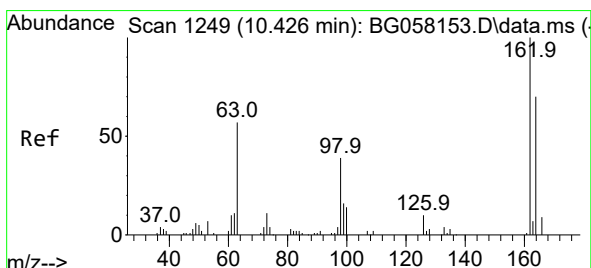
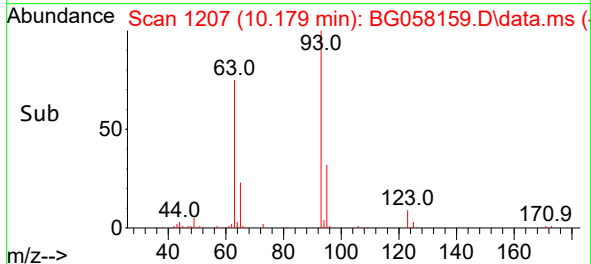
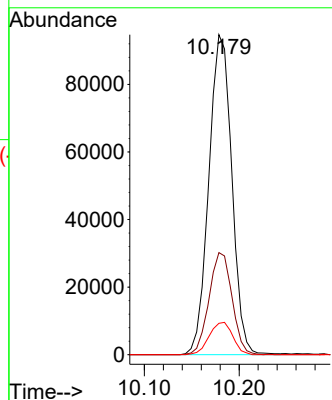
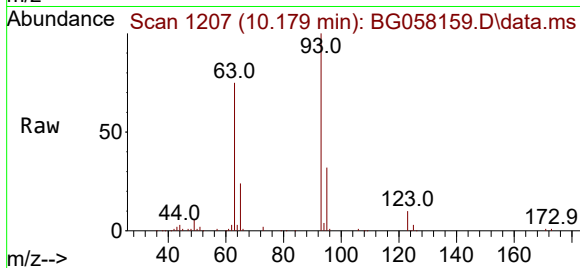




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.044 ng/ul
 RT: 10.179 min Scan# 1207
 Delta R.T. 0.006 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

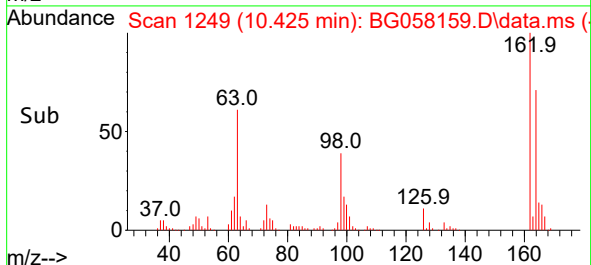
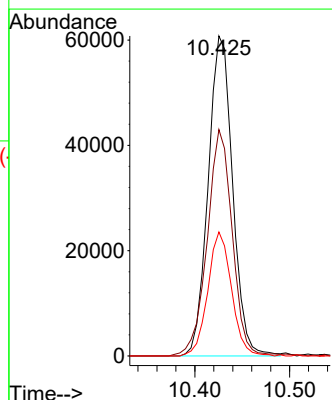
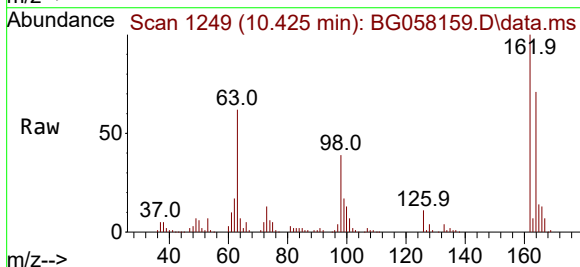
Instrument :
 BNA_G
 ClientSampleId :
 EX804MS

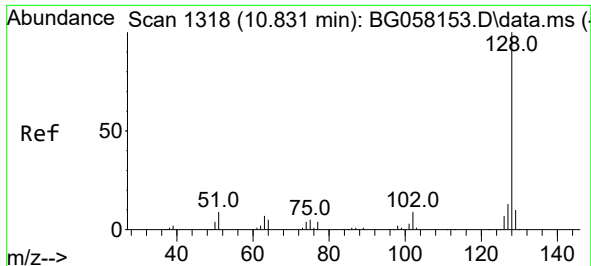
Tgt Ion: 93 Resp: 159307
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.4 39.6
 123 9.8 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 33.791 ng/ul
 RT: 10.425 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

Tgt Ion: 162 Resp: 108899
 Ion Ratio Lower Upper
 162 100
 164 70.8 51.1 76.7
 98 38.8 27.9 41.9

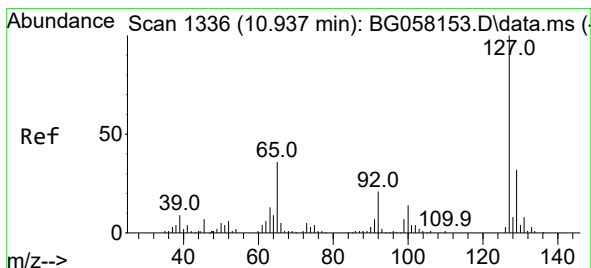
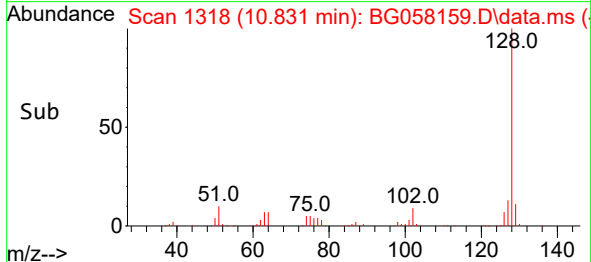
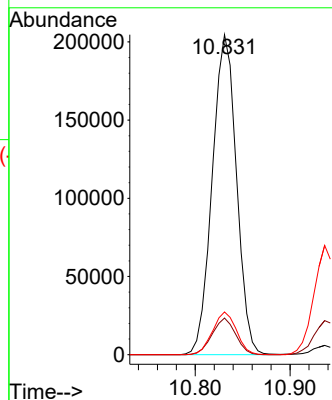
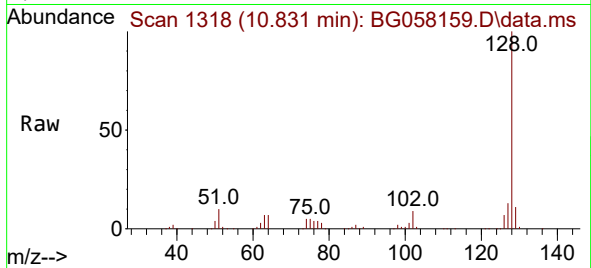




#30
Naphthalene
Concen: 32.052 ng/ul
RT: 10.831 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

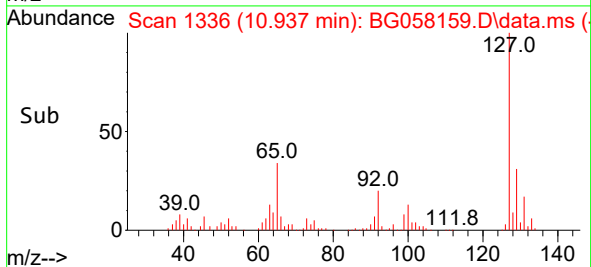
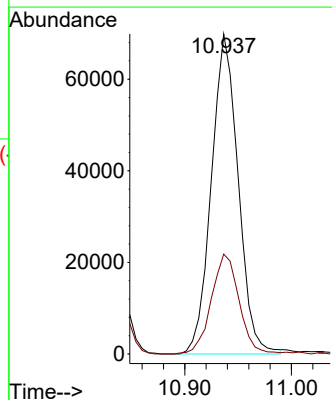
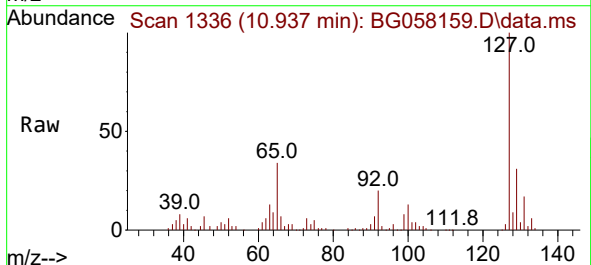
Instrument :
BNA_G
ClientSampleId :
EX804MS

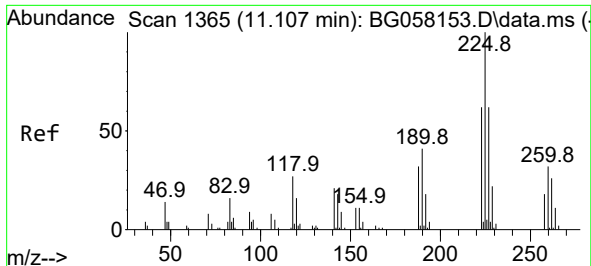
Tgt Ion:128 Resp: 363327
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.3 10.2 15.2



#32
4-Chloroaniline
Concen: 23.700 ng/ul
RT: 10.937 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:127 Resp: 121784
Ion Ratio Lower Upper
127 100
129 31.2 26.0 39.0

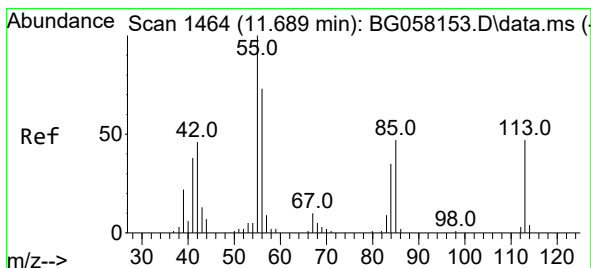
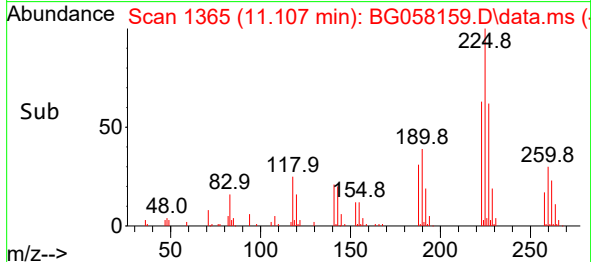
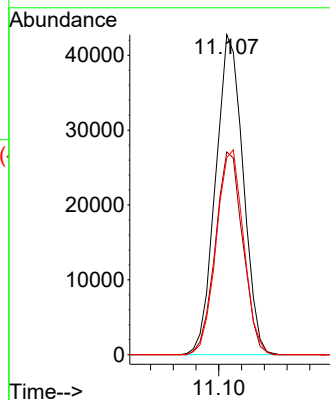
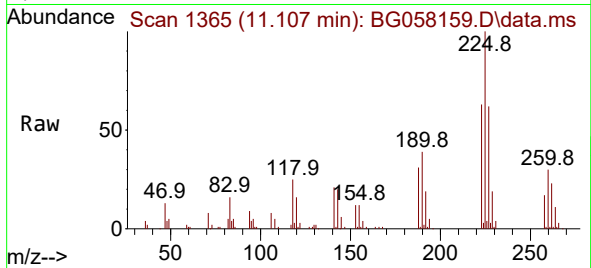




#33
Hexachlorobutadiene
Concen: 31.535 ng/ul
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

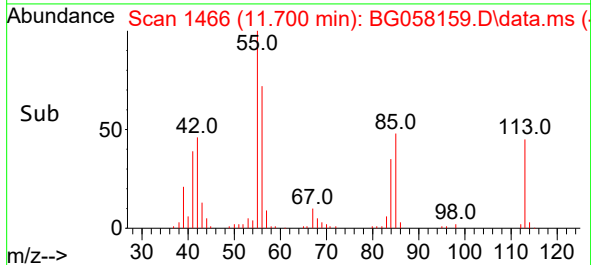
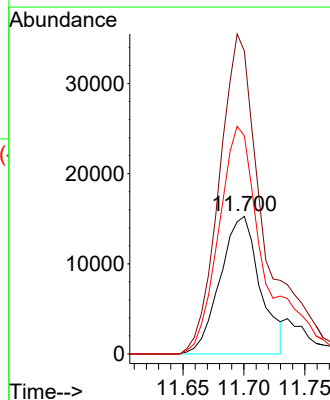
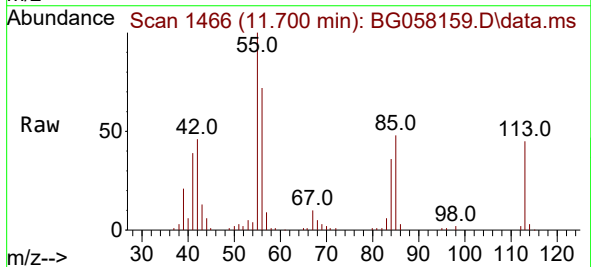
Instrument :
BNA_G
ClientSampleId :
EX804MS

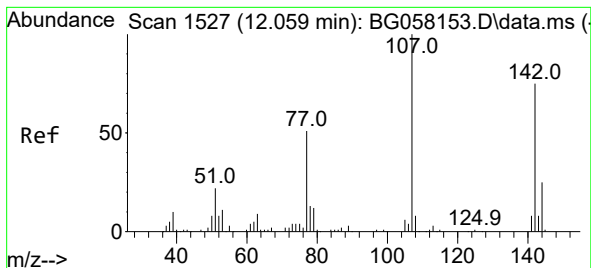
Tgt Ion:225 Resp: 71948
Ion Ratio Lower Upper
225 100
223 63.3 53.2 79.8
227 61.5 51.4 77.2



#34
Caprolactam
Concen: 26.807 ng/ul
RT: 11.700 min Scan# 1466
Delta R.T. 0.017 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:113 Resp: 34733
Ion Ratio Lower Upper
113 100
55 220.1 183.4 275.2
56 158.5 123.0 184.6

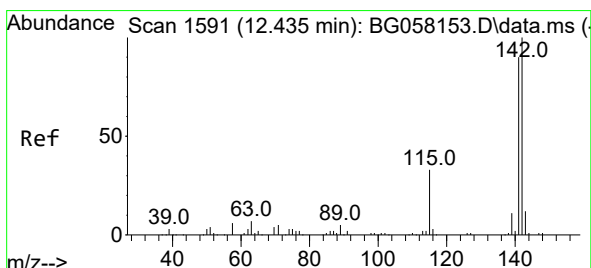
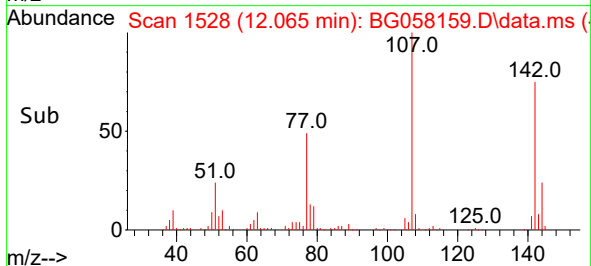
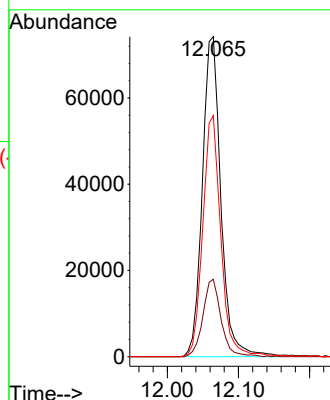
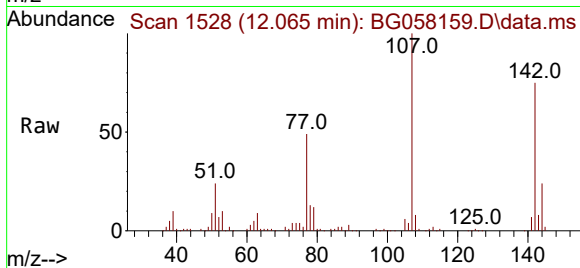




#35
4-Chloro-3-methylphenol
Concen: 34.094 ng/ul
RT: 12.065 min Scan# 1528
Delta R.T. 0.011 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

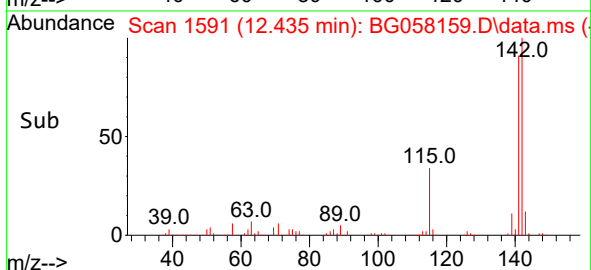
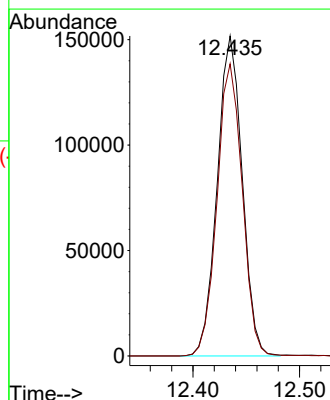
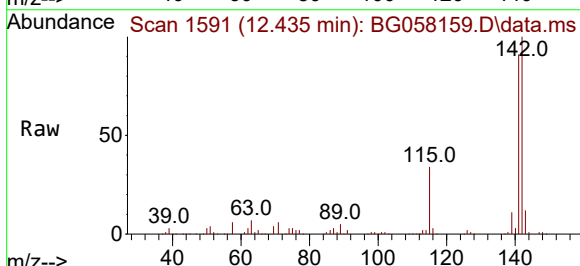
Instrument :
BNA_G
ClientSampleId :
EX804MS

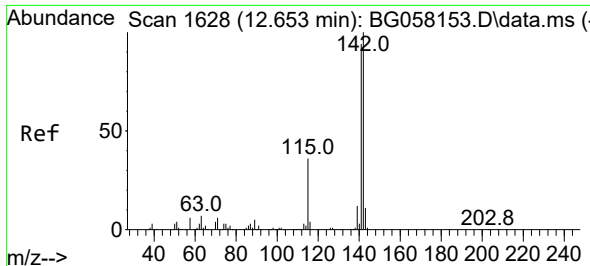
Tgt Ion:107 Resp: 134968
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.4
142 75.3 58.4 87.6



#36
2-Methylnaphthalene
Concen: 32.332 ng/ul
RT: 12.435 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:142 Resp: 247055
Ion Ratio Lower Upper
142 100
141 91.3 69.4 104.2

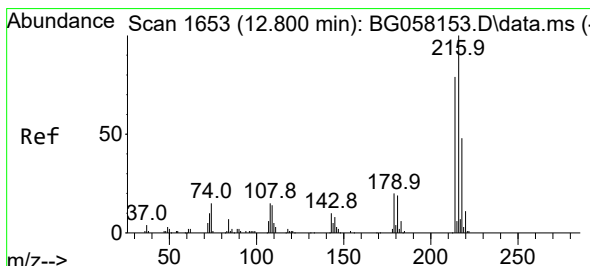
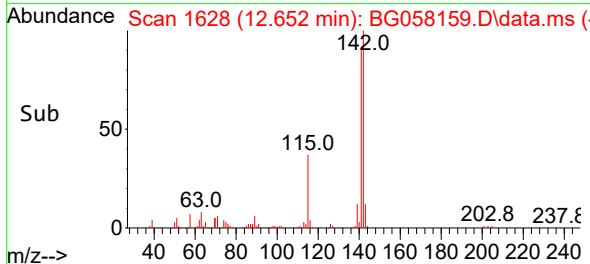
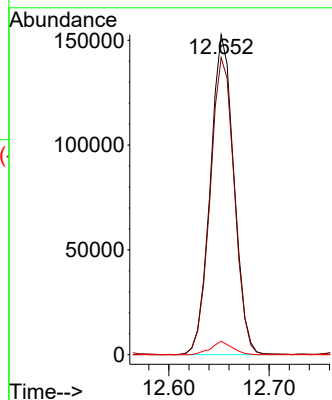
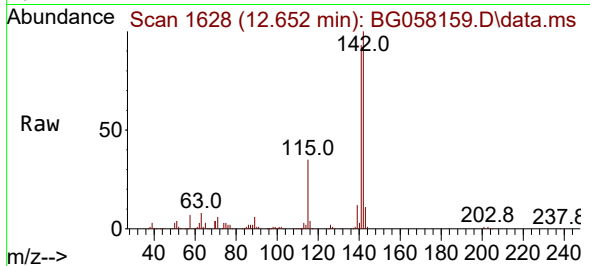




#37
1-Methylnaphthalene
Concen: 32.598 ng/ul
RT: 12.652 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

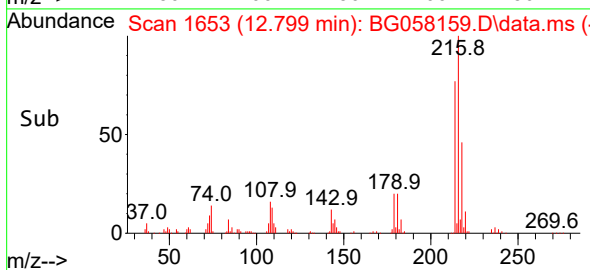
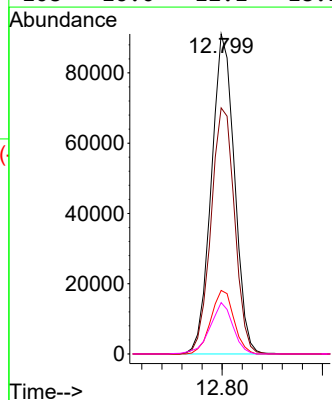
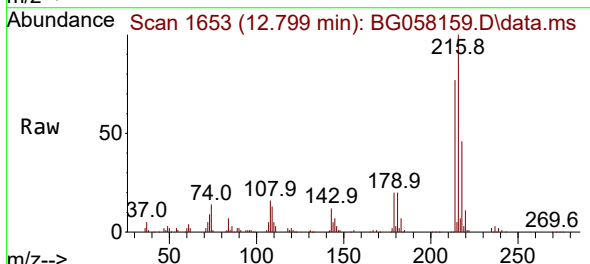
Instrument :
BNA_G
ClientSampleId :
EX804MS

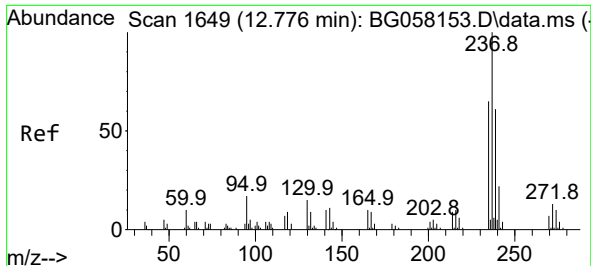
Tgt Ion:142 Resp: 249786
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.8
116 4.2 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.457 ng/ul
RT: 12.799 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:216 Resp: 145608
Ion Ratio Lower Upper
216 100
214 76.9 64.1 96.1
179 19.8 16.0 24.0
108 16.0 12.1 18.1

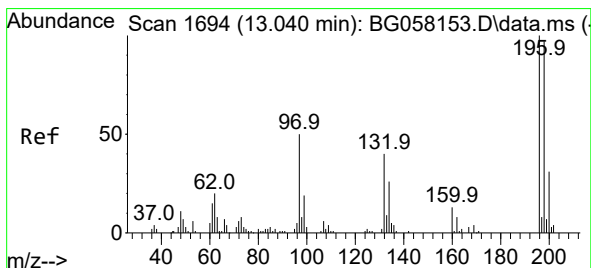
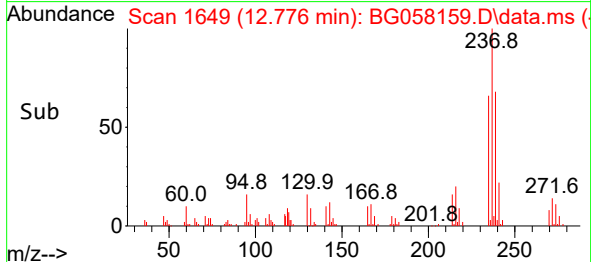
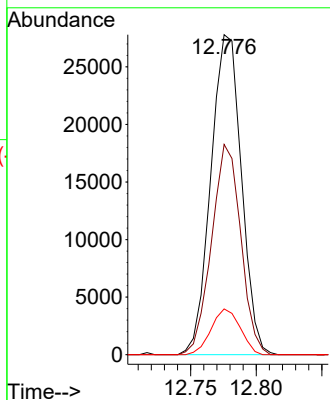
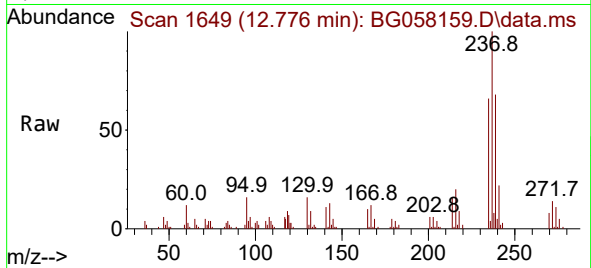




#40
Hexachlorocyclopentadiene
Concen: 16.441 ng/ul
RT: 12.776 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

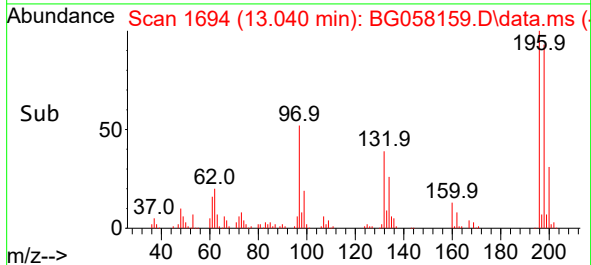
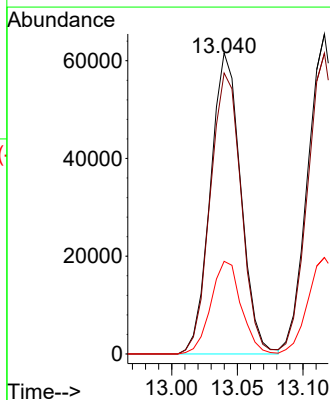
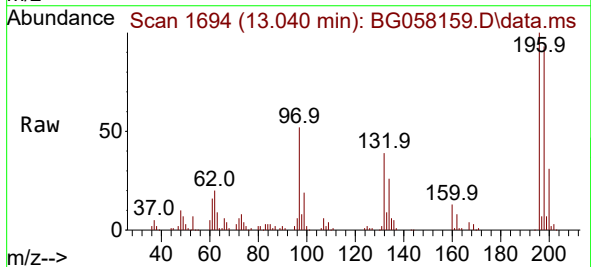
Instrument :
BNA_G
ClientSampleId :
EX804MS

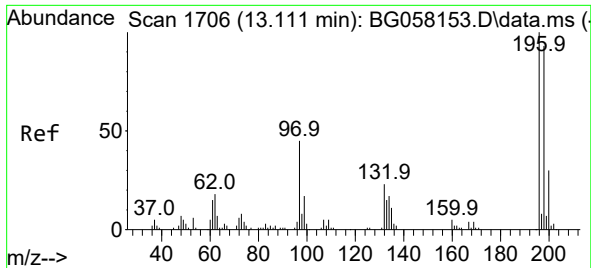
Tgt Ion:237 Resp: 45068
Ion Ratio Lower Upper
237 100
235 65.7 49.2 73.8
272 15.2 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 33.675 ng/ul
RT: 13.040 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:196 Resp: 99329
Ion Ratio Lower Upper
196 100
198 93.3 73.5 110.3
200 30.7 24.8 37.2

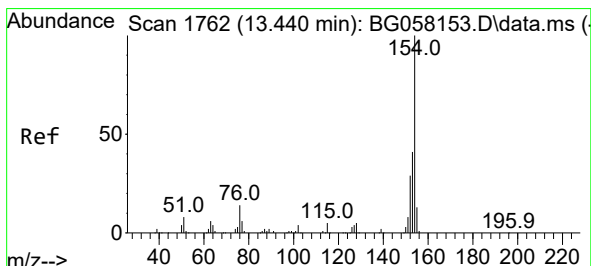
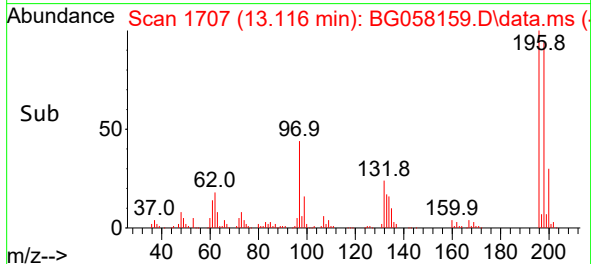
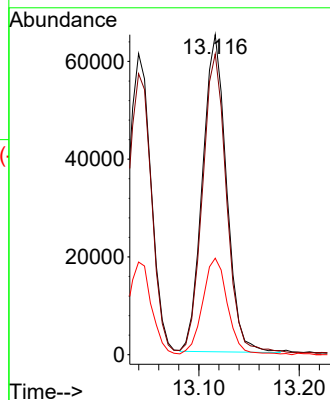
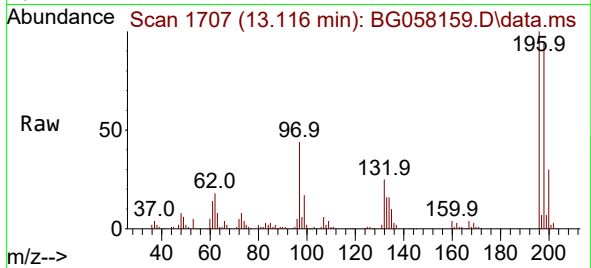




#42
2,4,5-Trichlorophenol
Concen: 33.764 ng/ul
RT: 13.116 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

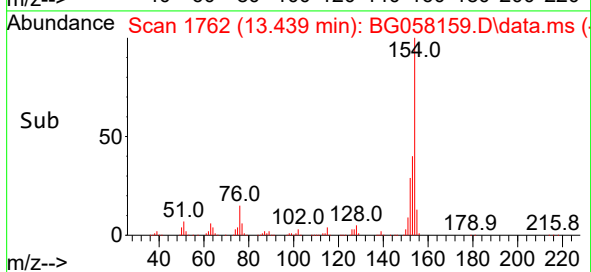
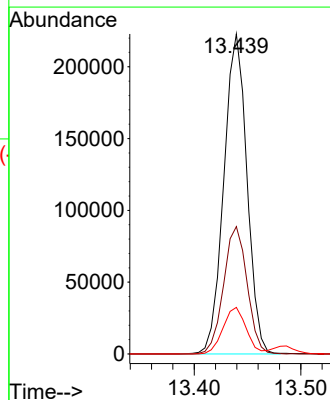
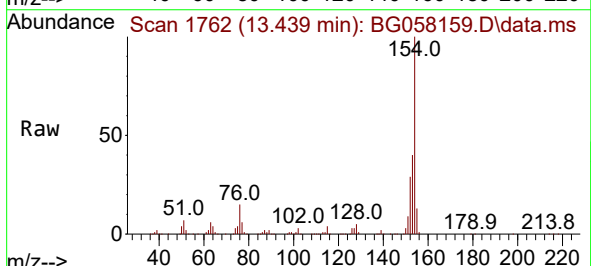
Instrument :
BNA_G
ClientSampleId :
EX804MS

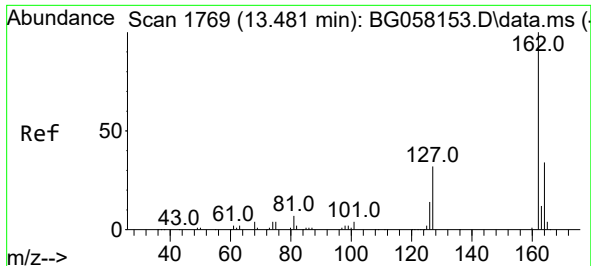
Tgt Ion:196 Resp: 107707
Ion Ratio Lower Upper
196 100
198 94.0 77.2 115.8
200 30.2 23.8 35.6



#43
1,1'-Biphenyl
Concen: 32.603 ng/ul
RT: 13.439 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:154 Resp: 335534
Ion Ratio Lower Upper
154 100
153 39.8 32.6 49.0
76 14.5 11.6 17.4

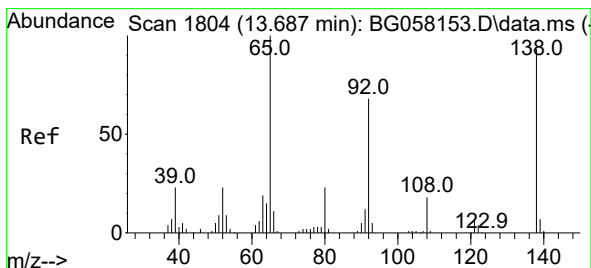
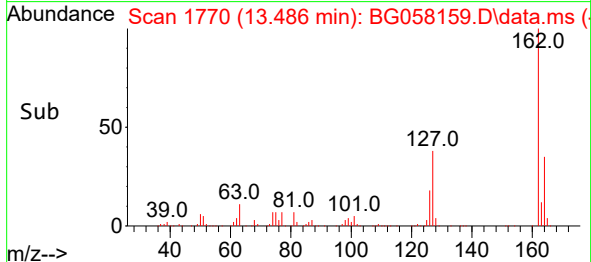
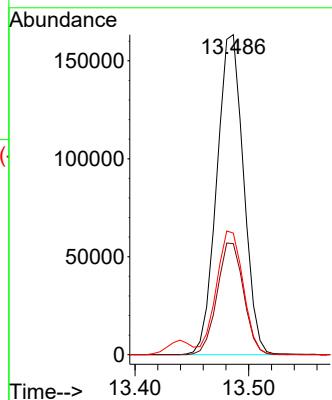
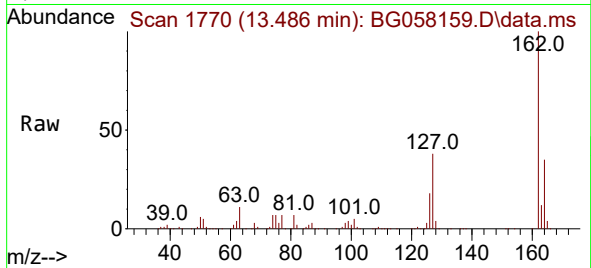




#44
2-Chloronaphthalene
Concen: 32.358 ng/ul
RT: 13.486 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

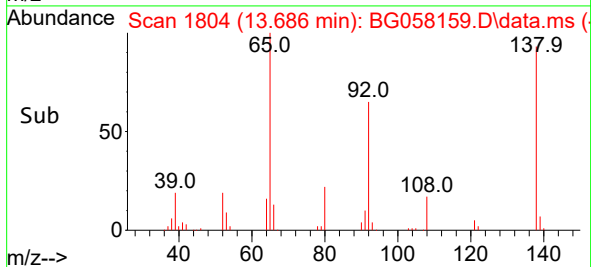
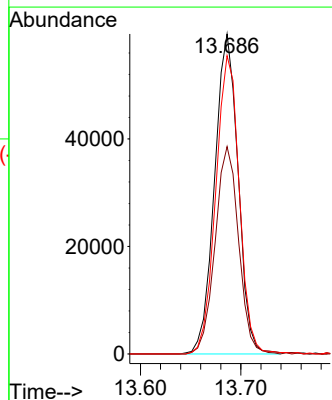
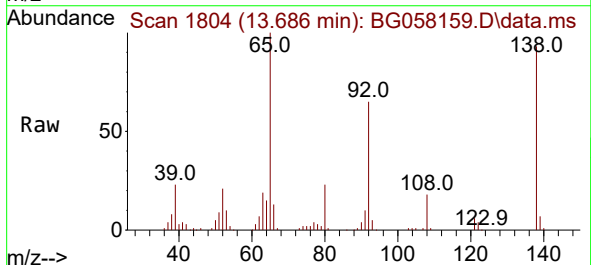
Instrument :
BNA_G
ClientSampleId :
EX804MS

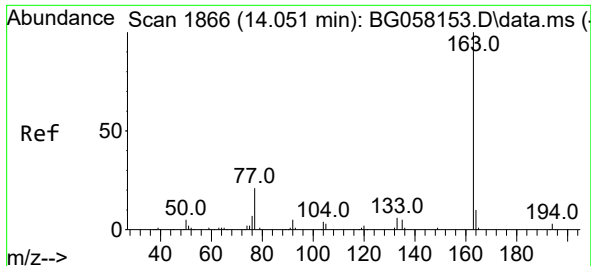
Tgt Ion:162 Resp: 267267
Ion Ratio Lower Upper
162 100
164 34.7 27.7 41.5
127 38.0 30.9 46.3



#45
2-Nitroaniline
Concen: 33.732 ng/ul
RT: 13.686 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion: 65 Resp: 96868
Ion Ratio Lower Upper
65 100
92 64.8 53.2 79.8
138 93.2 71.1 106.7

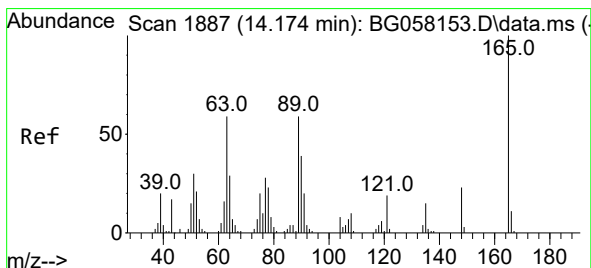
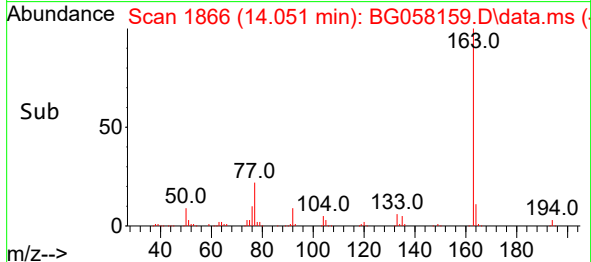
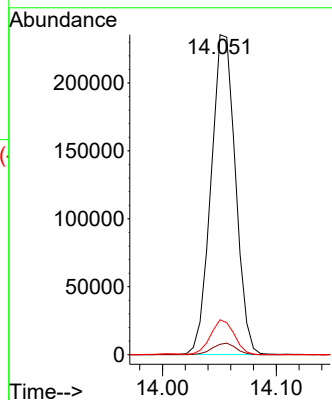
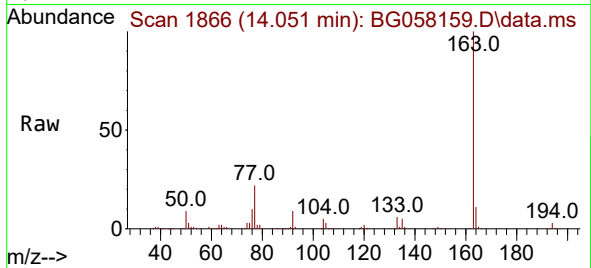




#47
Dimethylphthalate
Concen: 31.006 ng/ul
RT: 14.051 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

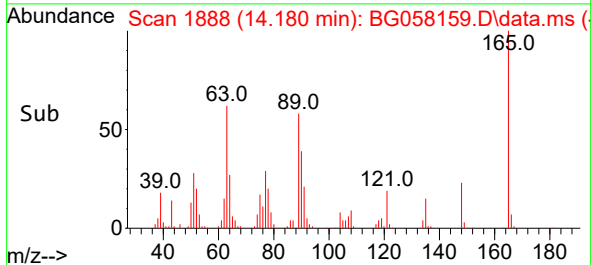
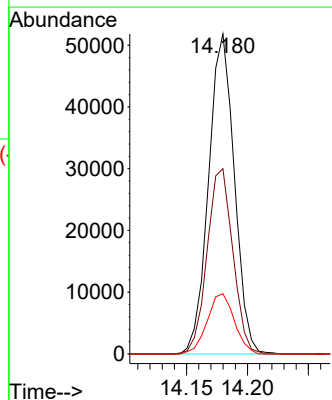
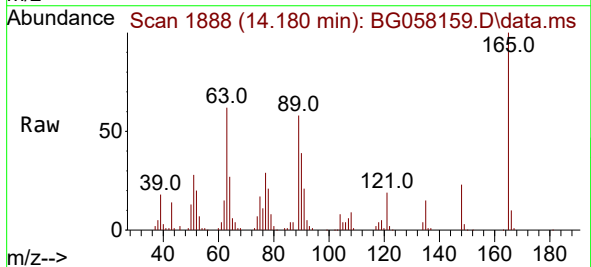
Instrument :
BNA_G
ClientSampleId :
EX804MS

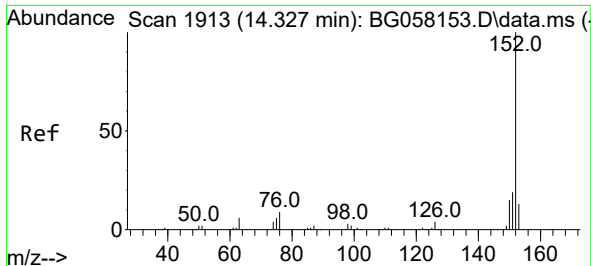
Tgt Ion:163 Resp: 351002
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 32.786 ng/ul
RT: 14.180 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:165 Resp: 76185
Ion Ratio Lower Upper
165 100
89 57.9 42.7 64.1
121 18.9 14.8 22.2

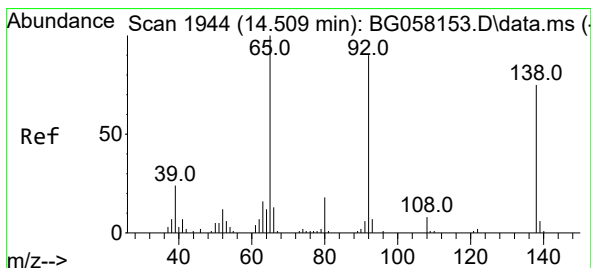
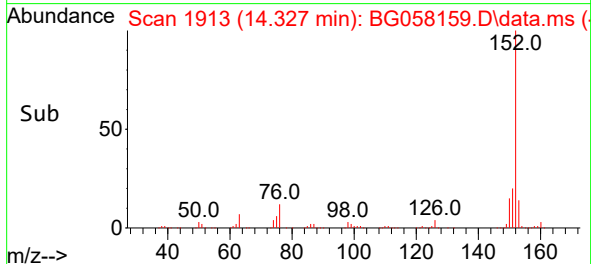
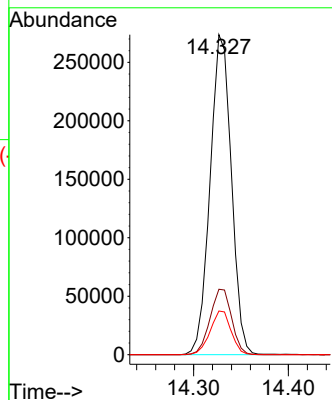
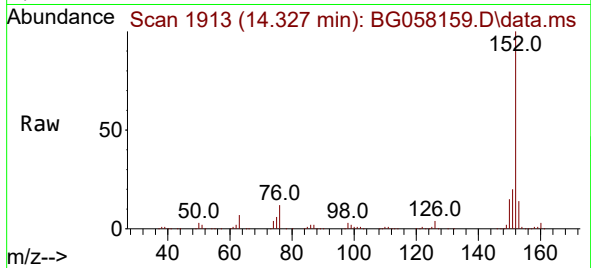




#50
Acenaphthylene
Concen: 32.138 ng/ul
RT: 14.327 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

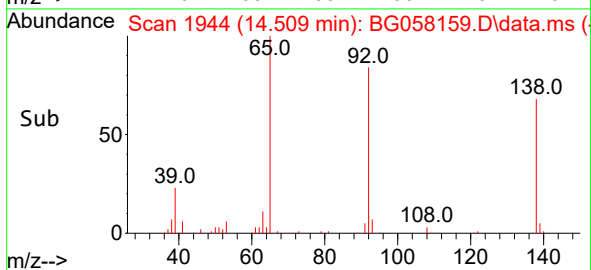
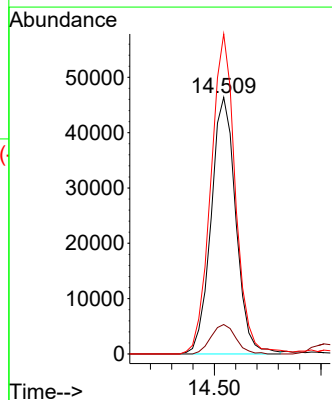
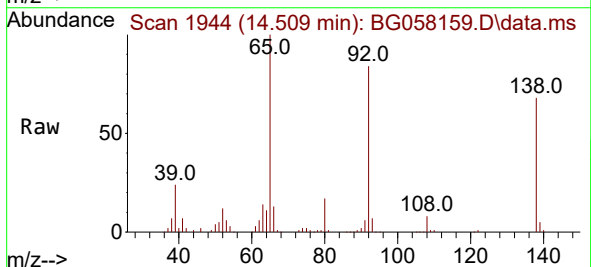
Instrument :
BNA_G
ClientSampleId :
EX804MS

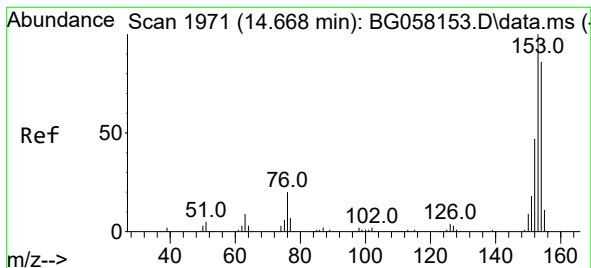
Tgt Ion:152 Resp: 426729
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 13.7 10.5 15.7



#51
3-Nitroaniline
Concen: 37.990 ng/ul
RT: 14.509 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:138 Resp: 74602
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.2
92 124.7 100.2 150.4





#52

Acenaphthene

Concen: 32.533 ng/ul

RT: 14.667 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

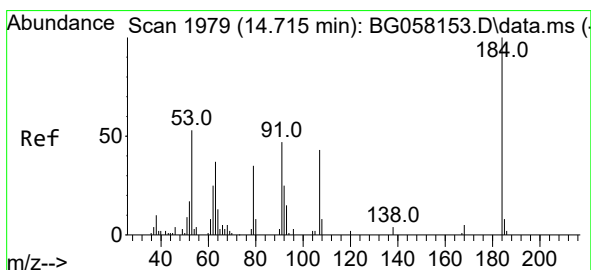
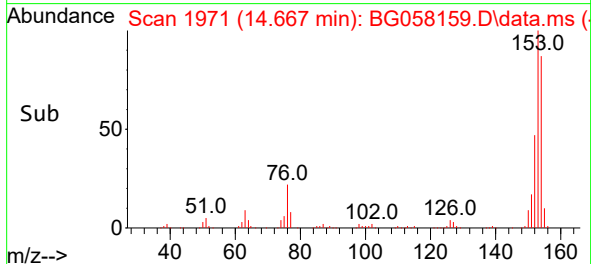
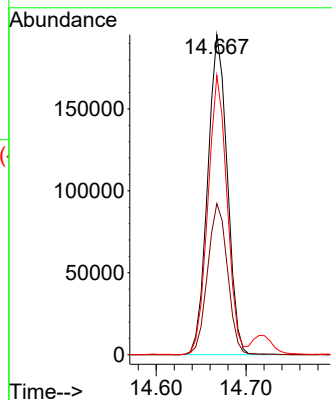
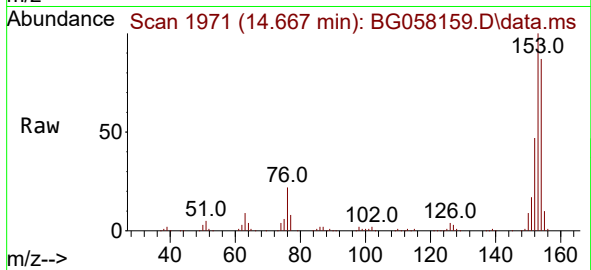
Tgt Ion:153 Resp: 296421

Ion Ratio Lower Upper

153 100

152 47.2 36.5 54.7

154 87.3 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 30.242 ng/ul

RT: 14.714 min Scan# 1979

Delta R.T. -0.000 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

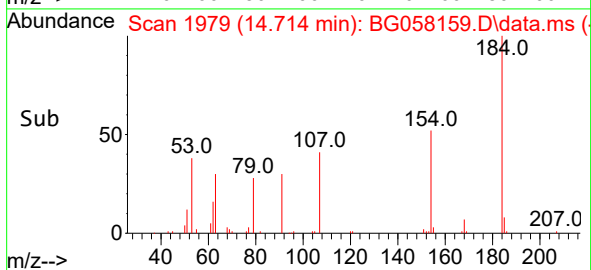
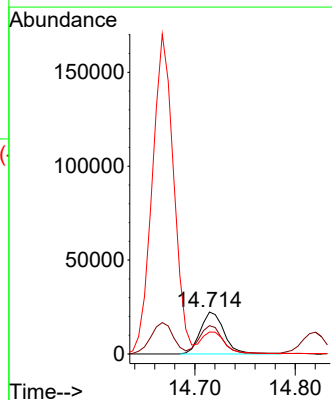
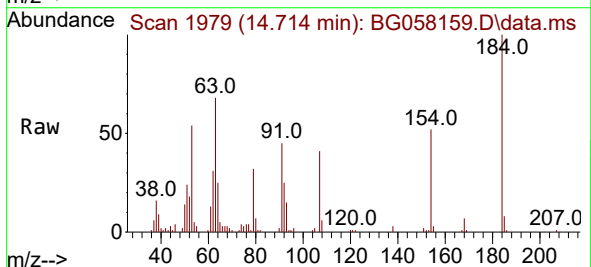
Tgt Ion:184 Resp: 36636

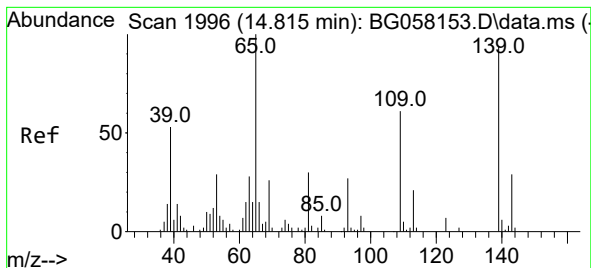
Ion Ratio Lower Upper

184 100

63 67.6 51.1 76.7

154 52.5 43.3 64.9

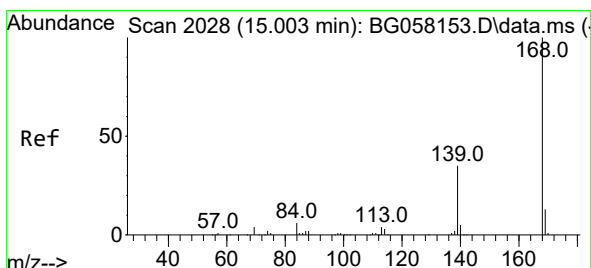
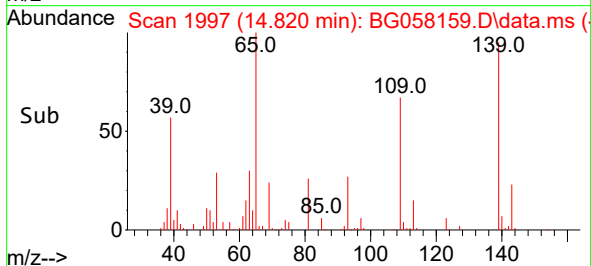
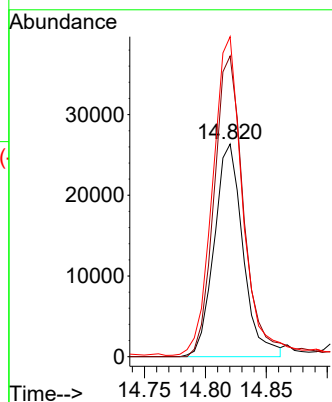
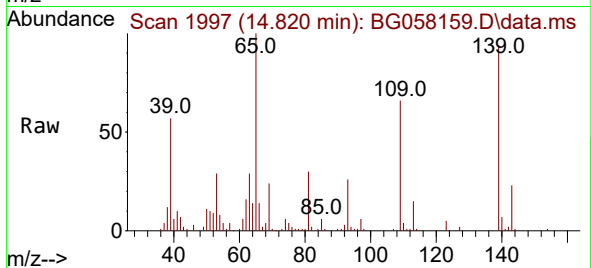




#55
4-Nitrophenol
Concen: 29.424 ng/ul
RT: 14.820 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

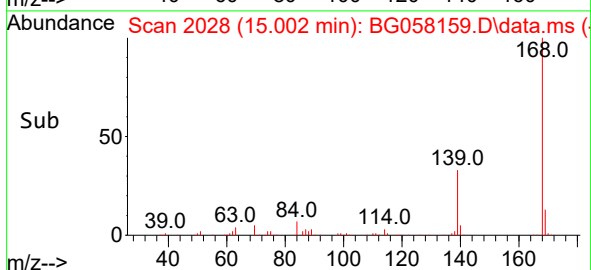
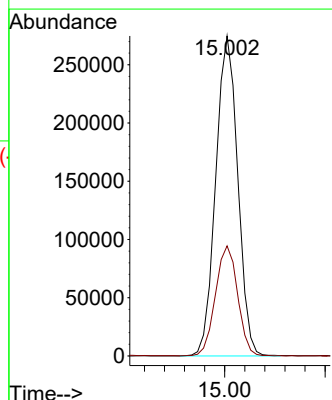
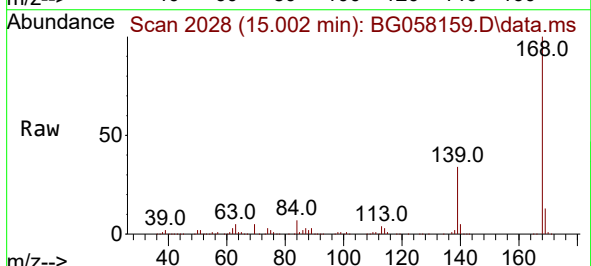
Instrument :
BNA_G
ClientSampleId :
EX804MS

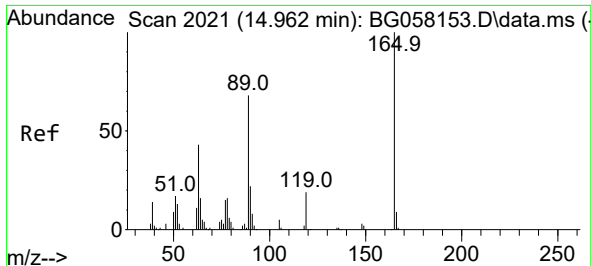
Tgt Ion:109 Resp: 43394
Ion Ratio Lower Upper
109 100
139 141.4 119.0 178.4
65 150.5 135.5 203.3



#56
Dibenzofuran
Concen: 32.280 ng/ul
RT: 15.002 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:168 Resp: 418092
Ion Ratio Lower Upper
168 100
139 34.4 27.6 41.4





#57

2,4-Dinitrotoluene

Concen: 33.109 ng/ul

RT: 14.967 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

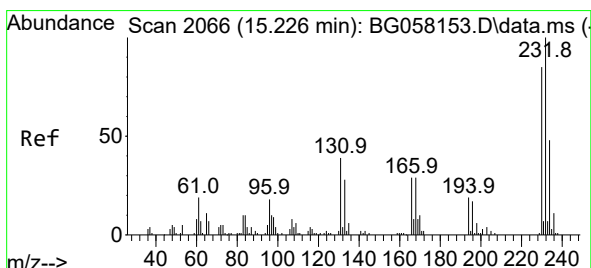
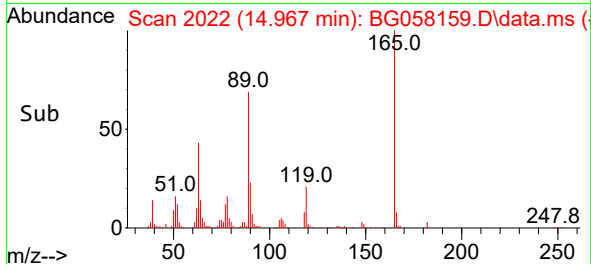
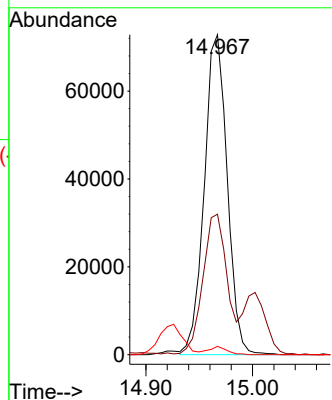
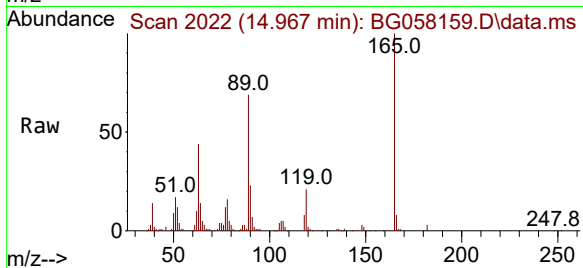
Tgt Ion:165 Resp: 109005

Ion Ratio Lower Upper

165 100

63 43.9 35.8 53.8

182 2.6 1.6 2.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.376 ng/ul

RT: 15.226 min Scan# 2066

Delta R.T. -0.000 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Tgt Ion:232 Resp: 91117

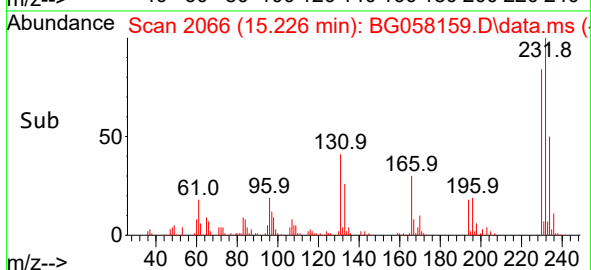
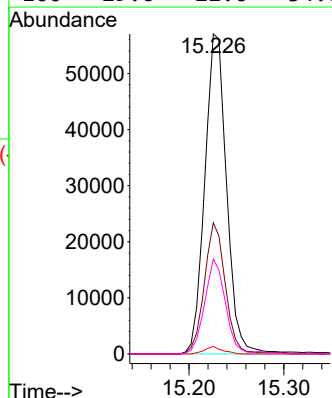
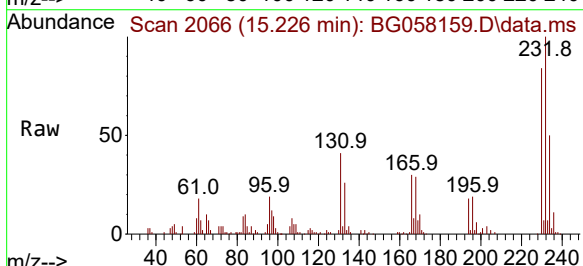
Ion Ratio Lower Upper

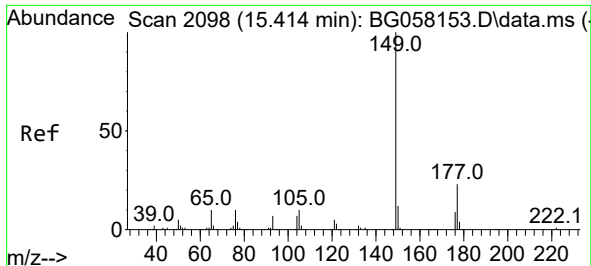
232 100

131 41.0 30.5 45.7

130 2.4 1.4 2.0#

166 29.6 22.6 34.0

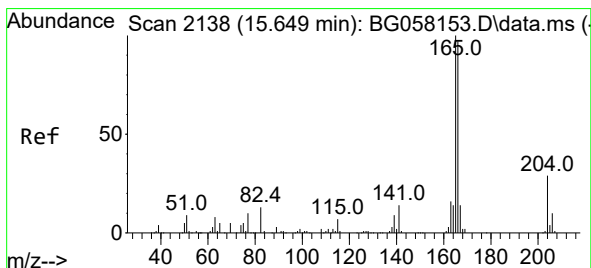
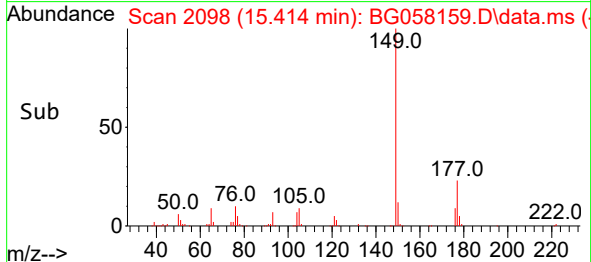
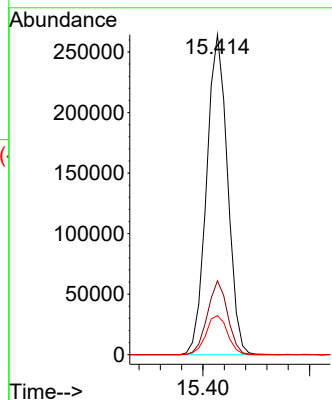
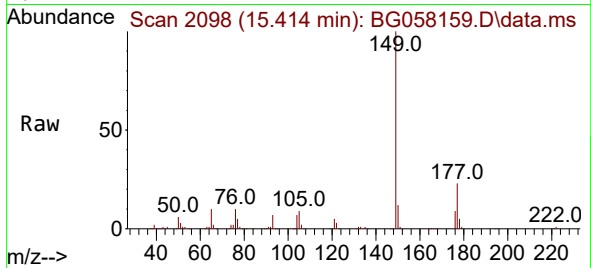




#59
Diethylphthalate
Concen: 30.537 ng/ul
RT: 15.414 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

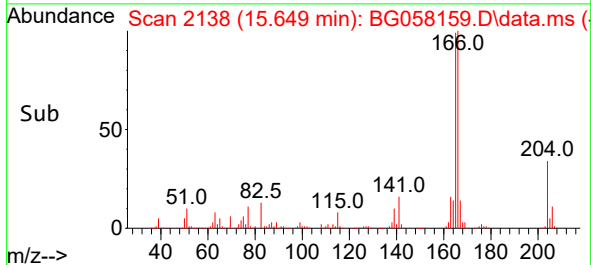
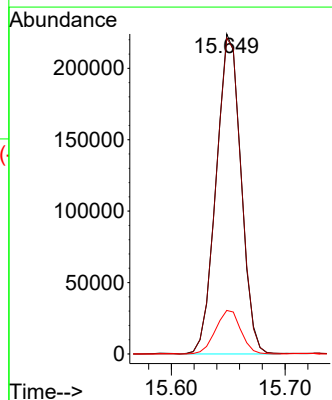
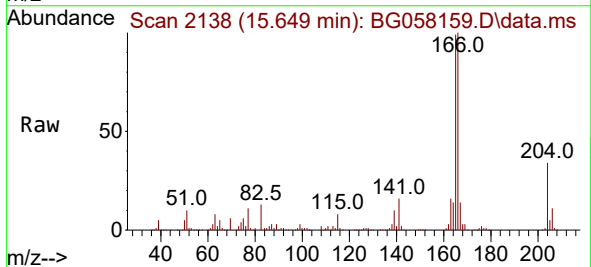
Instrument :
BNA_G
ClientSampleId :
EX804MS

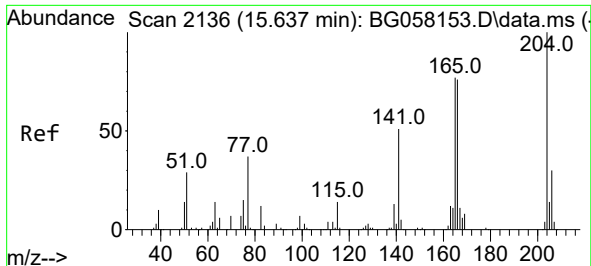
Tgt Ion:149 Resp: 360814
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 12.2 10.1 15.1



#61
Fluorene
Concen: 32.023 ng/ul
RT: 15.649 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:166 Resp: 340309
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.6 10.7 16.1

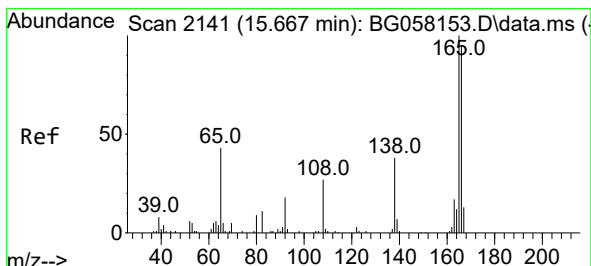
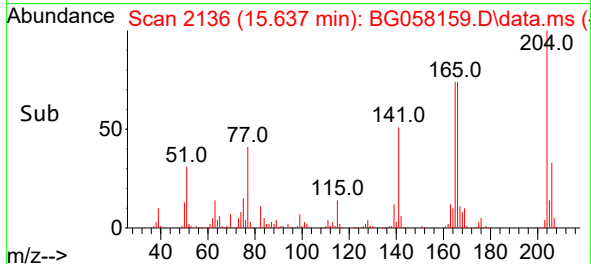
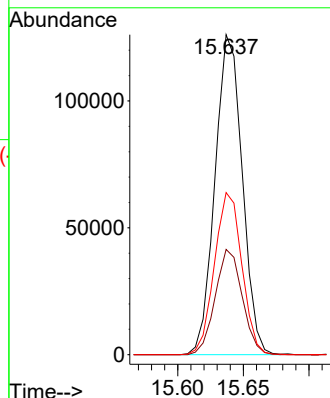
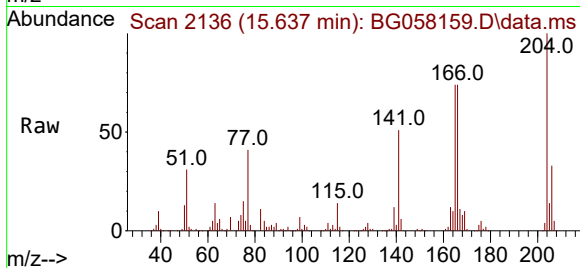




#62
4-Chlorophenyl-phenylether
Concen: 32.365 ng/ul
RT: 15.637 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

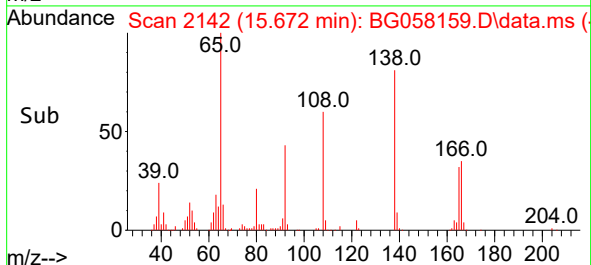
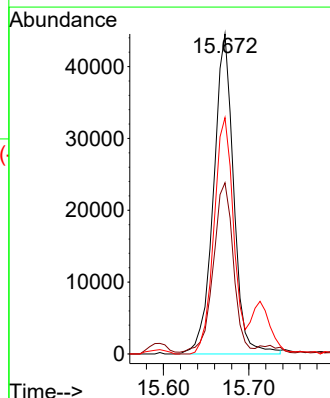
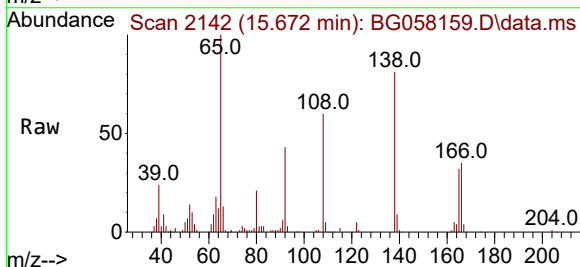
Instrument :
BNA_G
ClientSampleId :
EX804MS

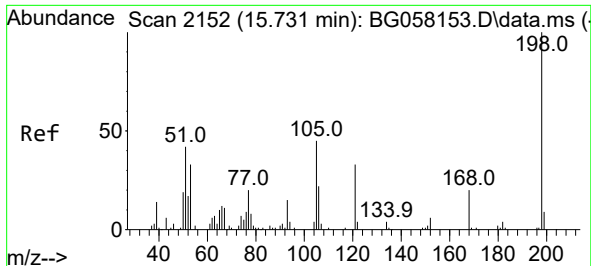
Tgt Ion:204 Resp: 181991
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 50.7 41.8 62.6



#63
4-Nitroaniline
Concen: 41.549 ng/ul
RT: 15.672 min Scan# 2142
Delta R.T. 0.011 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:138 Resp: 73091
Ion Ratio Lower Upper
138 100
92 53.5 43.8 65.8
108 73.8 58.8 88.2

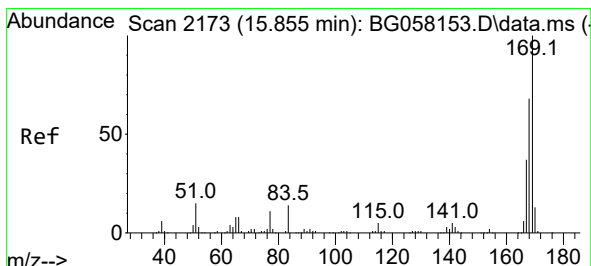
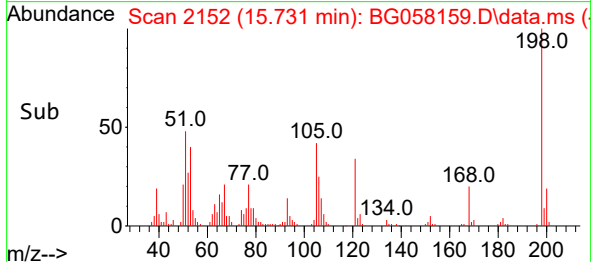
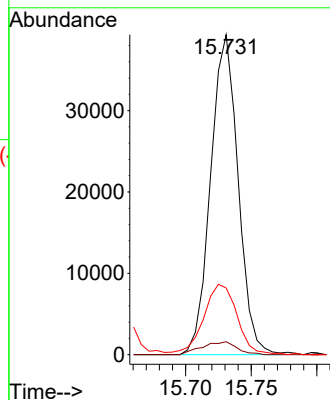
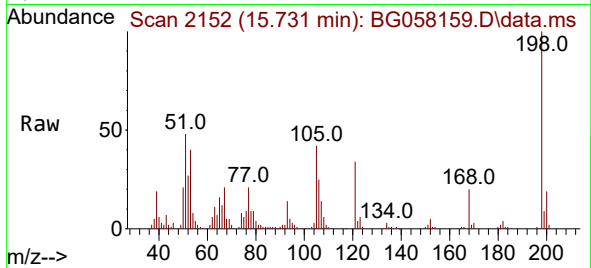




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.300 ng/ul
 RT: 15.731 min Scan# 2152
 Delta R.T. 0.011 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

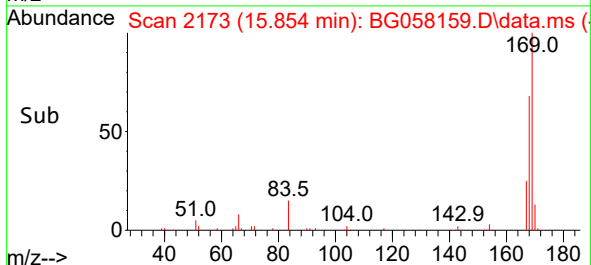
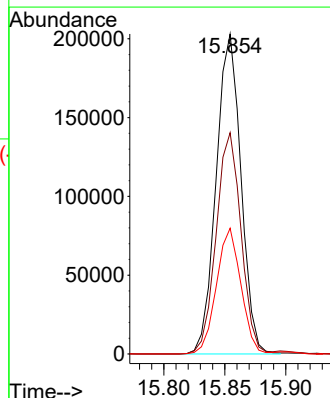
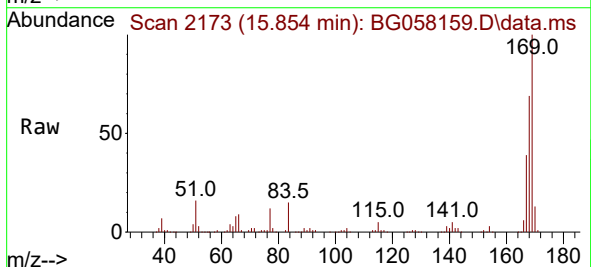
Instrument :
 BNA_G
 ClientSampleId :
 EX804MS

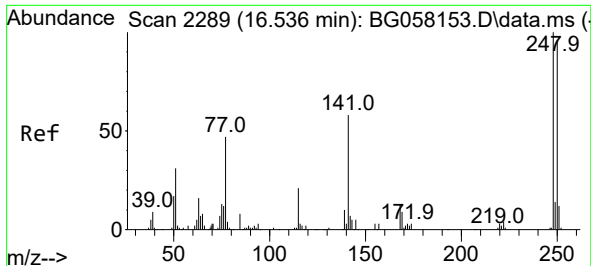
Tgt Ion:198 Resp: 57229
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.1 4.7
 77 20.8 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 32.809 ng/ul
 RT: 15.854 min Scan# 2173
 Delta R.T. 0.006 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

Tgt Ion:169 Resp: 287500
 Ion Ratio Lower Upper
 169 100
 168 69.1 54.2 81.2
 167 39.3 30.8 46.2

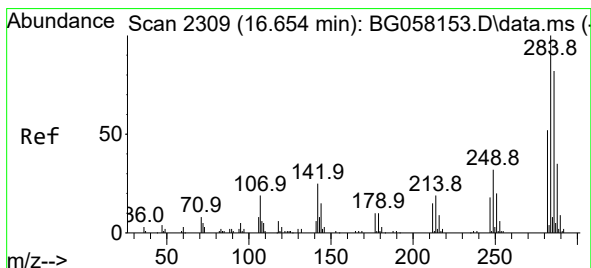
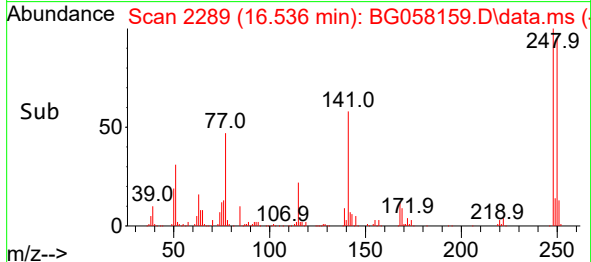
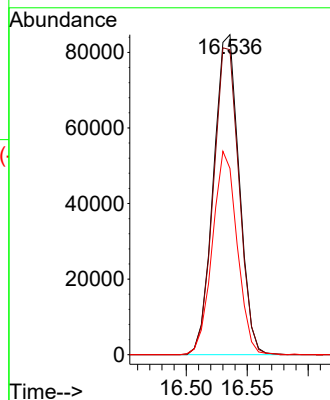
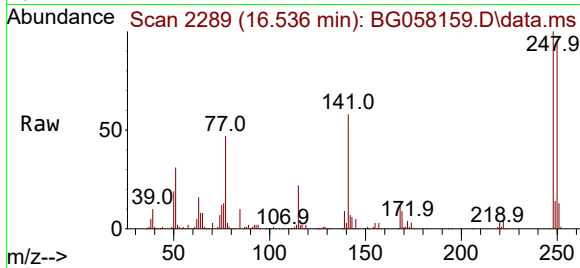




#68
4-Bromophenyl-phenylether
Concen: 34.256 ng/ul
RT: 16.536 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

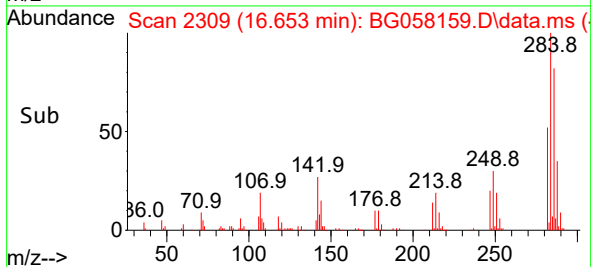
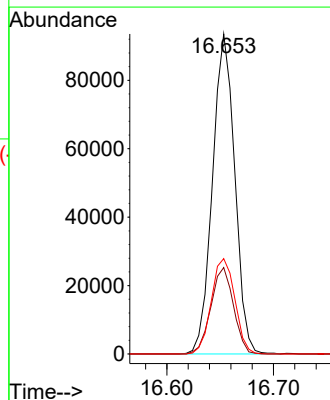
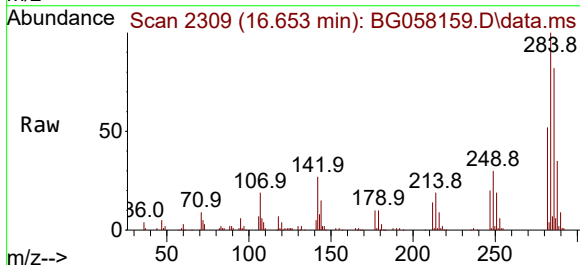
Instrument :
BNA_G
ClientSampleId :
EX804MS

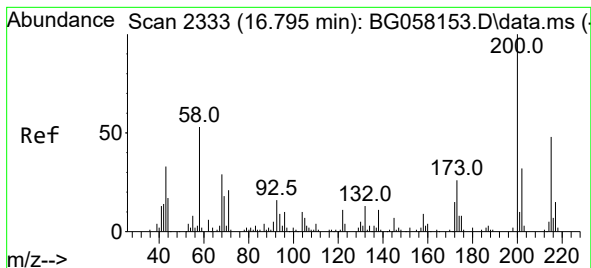
Tgt Ion:248 Resp: 123812
Ion Ratio Lower Upper
248 100
250 95.3 78.3 117.5
141 58.2 49.1 73.7



#69
Hexachlorobenzene
Concen: 33.521 ng/ul
RT: 16.653 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:284 Resp: 135649
Ion Ratio Lower Upper
284 100
142 27.0 21.9 32.9
249 29.8 25.0 37.6





#70

Atrazine

Concen: 21.376 ng/ul

RT: 16.794 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

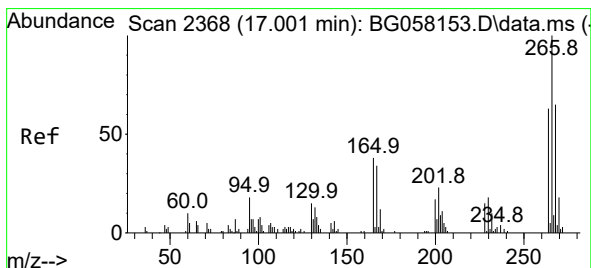
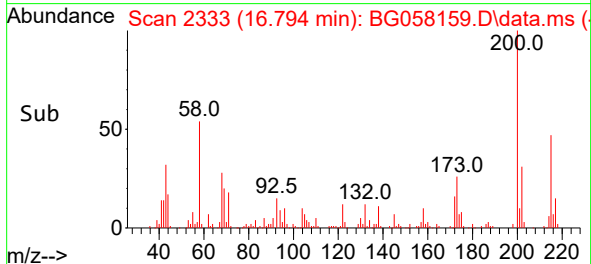
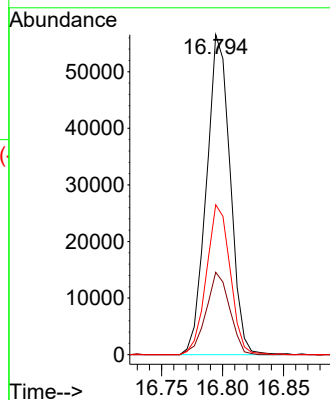
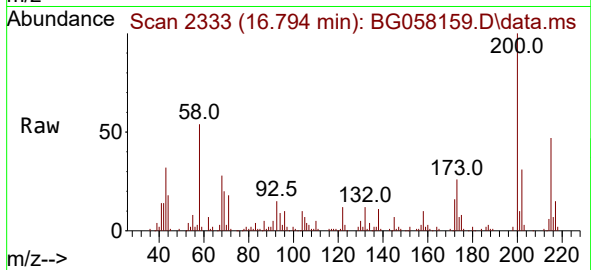
Tgt Ion:200 Resp: 76599

Ion Ratio Lower Upper

200 100

173 25.7 20.0 30.0

215 46.9 35.8 53.8



#71

Pentachlorophenol

Concen: 29.120 ng/ul

RT: 17.000 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

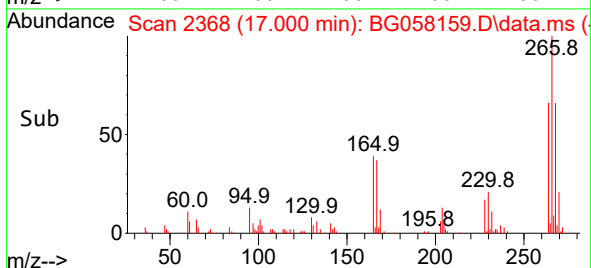
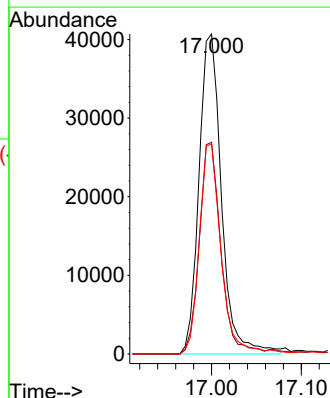
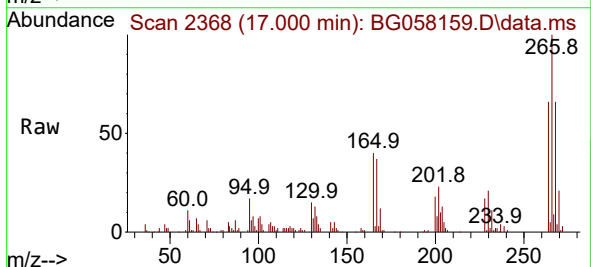
Tgt Ion:266 Resp: 70744

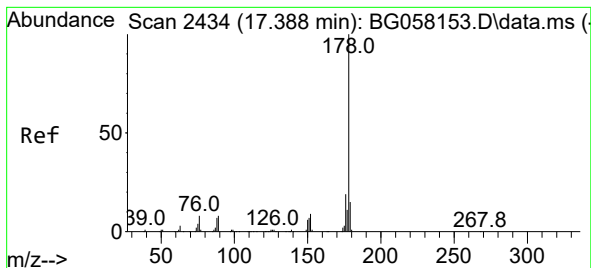
Ion Ratio Lower Upper

266 100

264 66.2 51.5 77.3

268 70.1 49.0 73.4





#72

Phenanthrene

Concen: 32.332 ng/ul

RT: 17.388 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

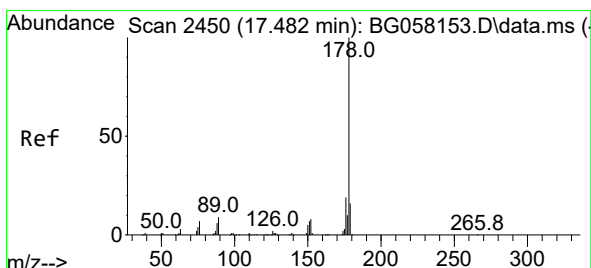
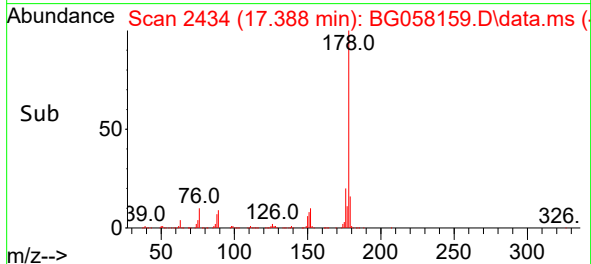
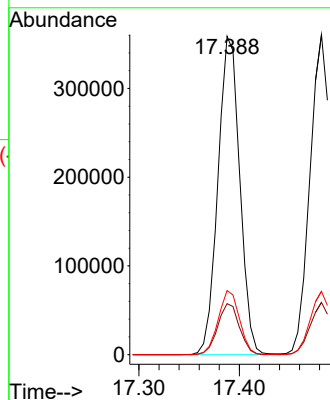
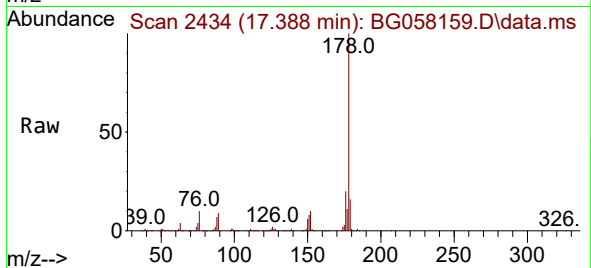
Tgt Ion:178 Resp: 541517

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 20.2 15.7 23.5



#74

Anthracene

Concen: 31.228 ng/ul

RT: 17.482 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

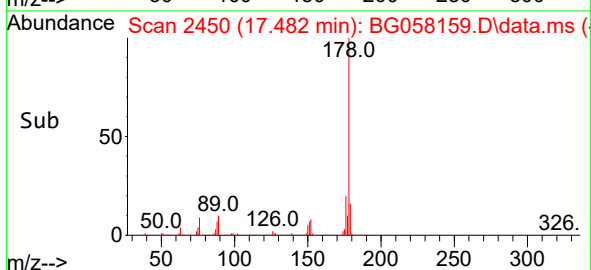
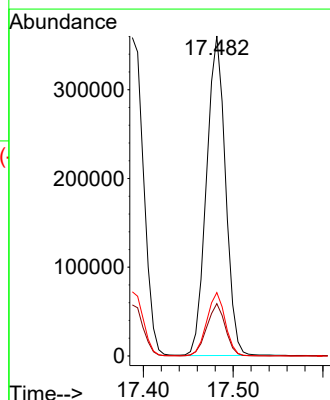
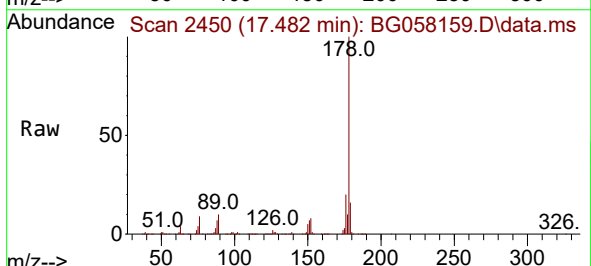
Tgt Ion:178 Resp: 529291

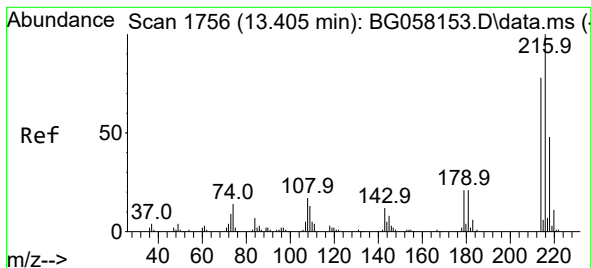
Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 19.8 15.4 23.2

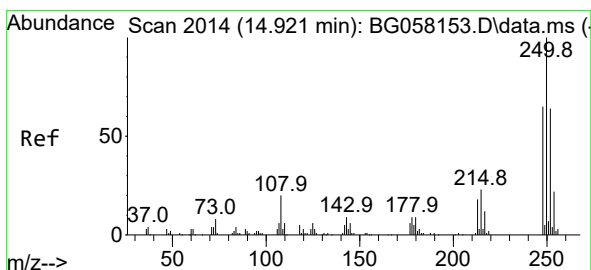
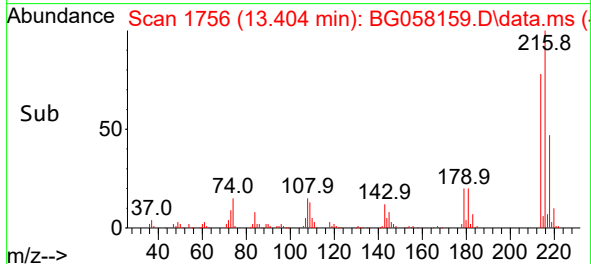
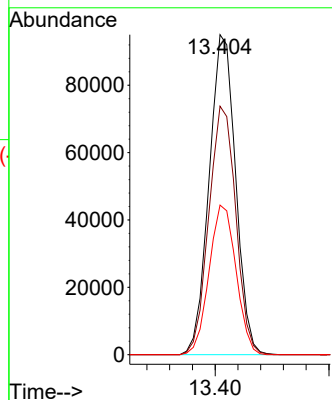
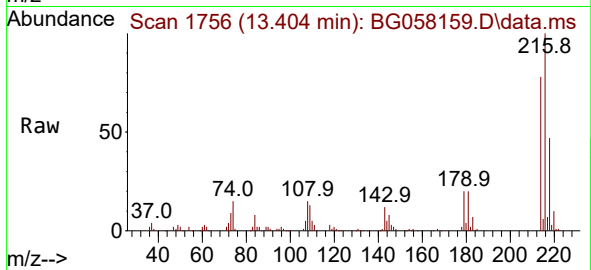




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.202 ng/uL
RT: 13.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

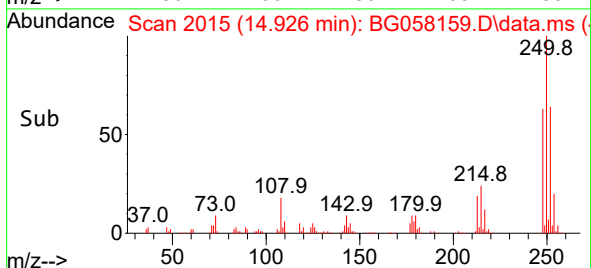
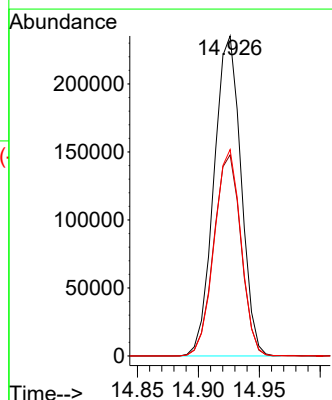
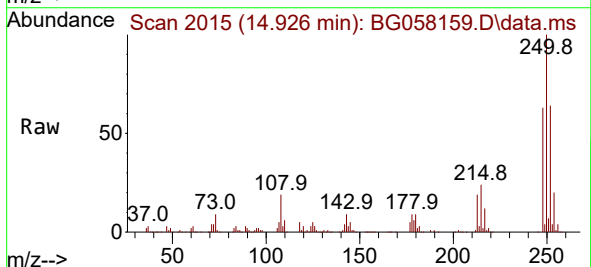
Instrument :
BNA_G
ClientSampleId :
EX804MS

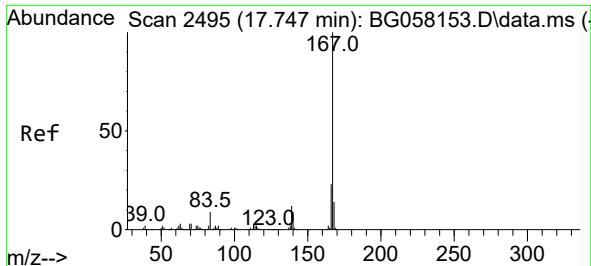
Tgt Ion:216 Resp: 153722
Ion Ratio Lower Upper
216 100
214 77.7 64.8 97.2
218 46.7 39.1 58.7



#76
Pentachlorobenzene
Concen: 77.985 ng/uL
RT: 14.926 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:250 Resp: 363707
Ion Ratio Lower Upper
250 100
248 62.8 52.8 79.2
252 64.5 52.4 78.6



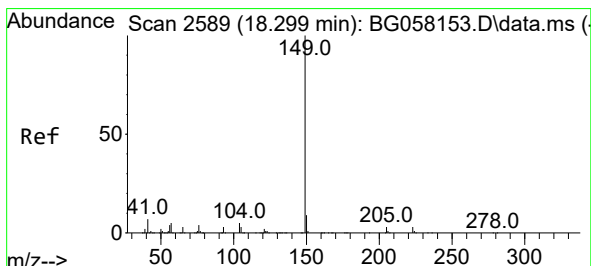
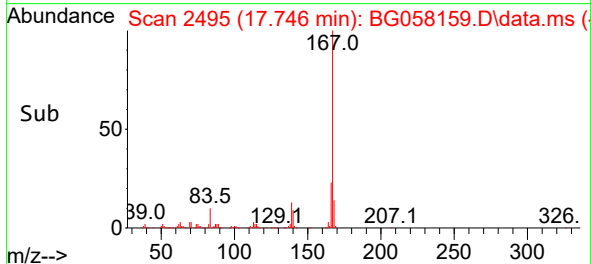
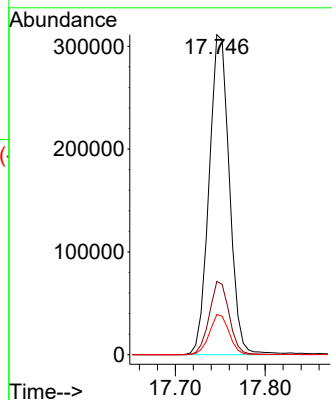
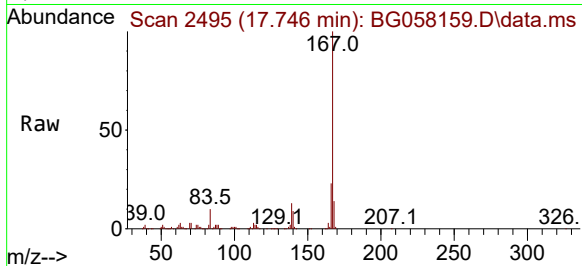


#77
 Carbazole
 Concen: 31.888 ng/ul
 RT: 17.746 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

Instrument :
 BNA_G
 ClientSampleId :
 EX804MS

Tgt Ion:167 Resp: 488811

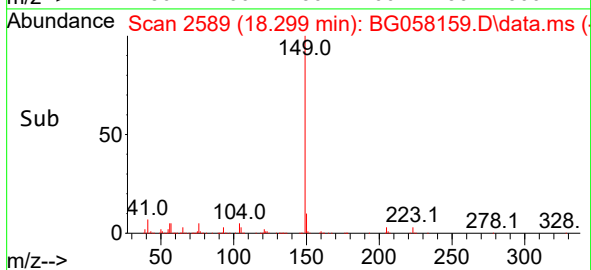
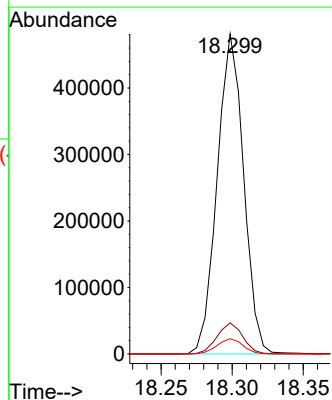
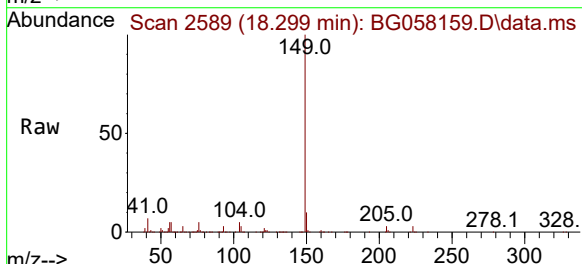
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.5	26.3
139	12.6	9.5	14.3

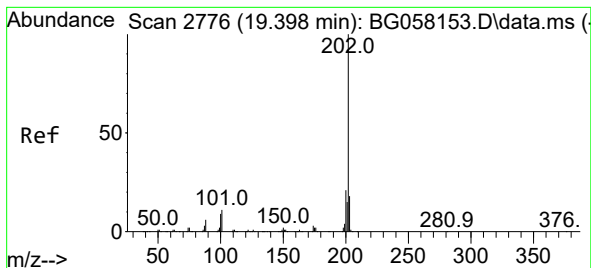


#78
 Di-n-butylphthalate
 Concen: 31.856 ng/ul
 RT: 18.299 min Scan# 2589
 Delta R.T. -0.000 min
 Lab File: BG058159.D
 Acq: 11 Jul 2023 14:56

Tgt Ion:149 Resp: 622038

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.8	3.9	5.9





#80

Fluoranthene

Concen: 31.612 ng/ul

RT: 19.397 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

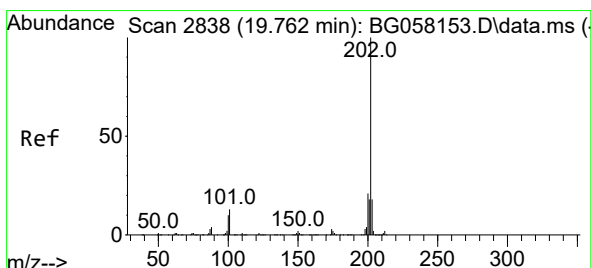
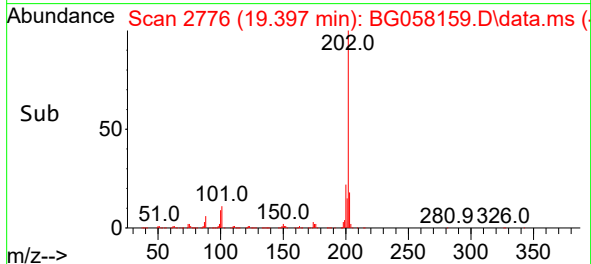
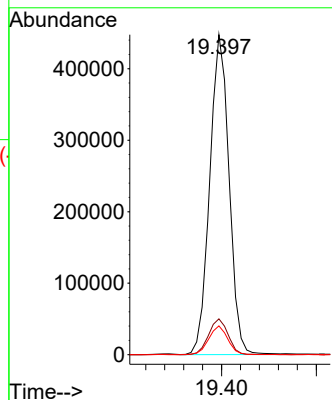
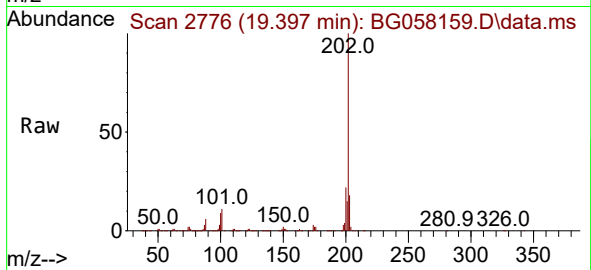
Tgt Ion:202 Resp: 632934

Ion Ratio Lower Upper

202 100

101 11.2 9.1 13.7

100 9.0 7.1 10.7



#82

Pyrene

Concen: 31.520 ng/ul

RT: 19.761 min Scan# 2838

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

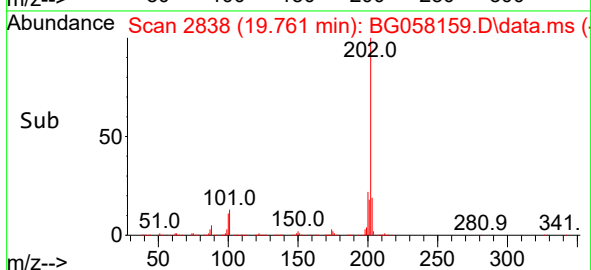
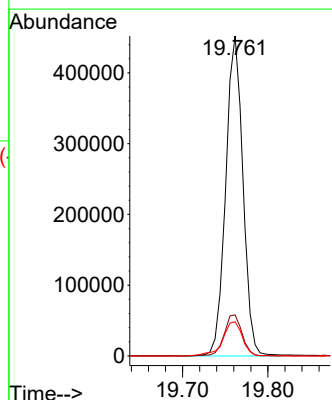
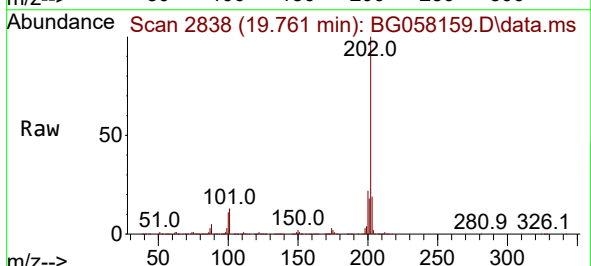
Tgt Ion:202 Resp: 635249

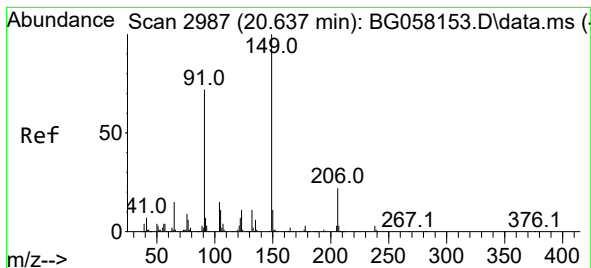
Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.2

100 10.7 8.9 13.3





#83

Butylbenzylphthalate

Concen: 33.352 ng/ul

RT: 20.637 min Scan# 2987

Delta R.T. -0.000 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

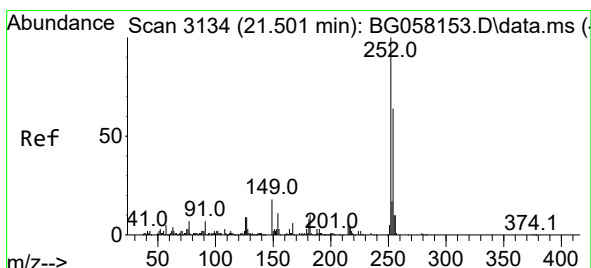
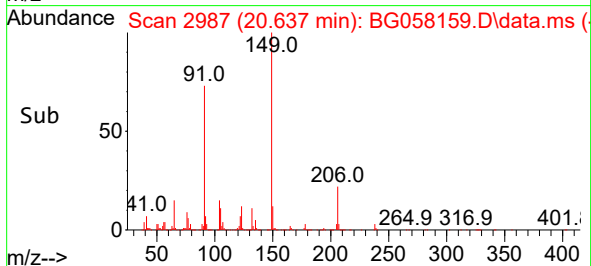
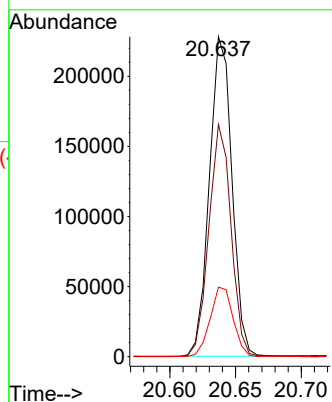
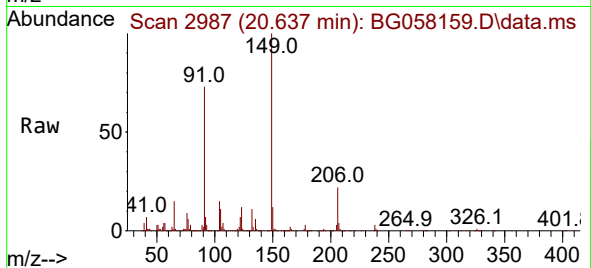
Tgt Ion:149 Resp: 272568

Ion Ratio Lower Upper

149 100

91 72.6 56.5 84.7

206 21.8 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 33.455 ng/ul

RT: 21.501 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

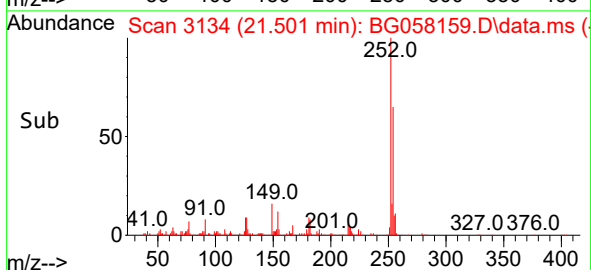
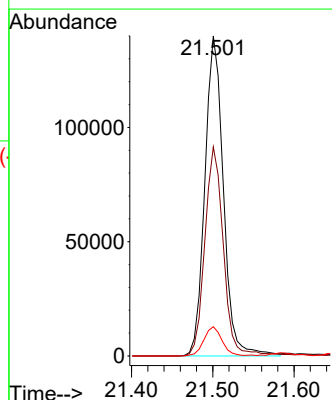
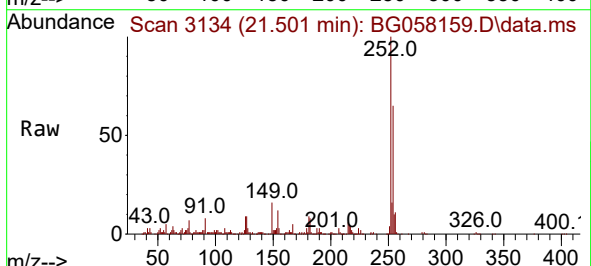
Tgt Ion:252 Resp: 222202

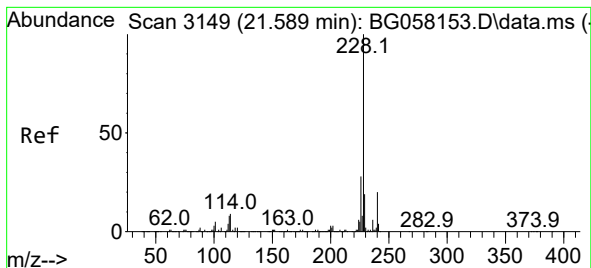
Ion Ratio Lower Upper

252 100

254 65.3 50.7 76.1

126 9.2 6.6 10.0





#85

Benzo(a)anthracene

Concen: 32.197 ng/ul

RT: 21.589 min Scan# 3149

Delta R.T. 0.011 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

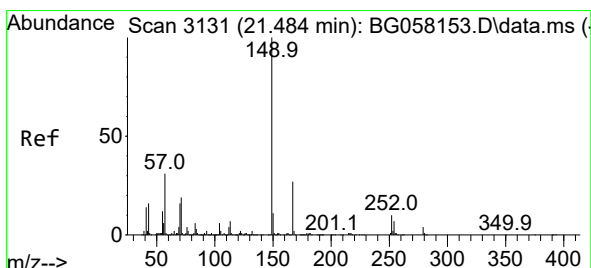
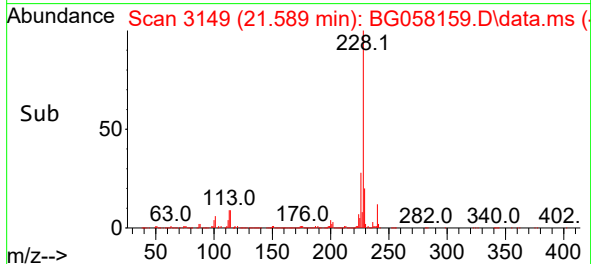
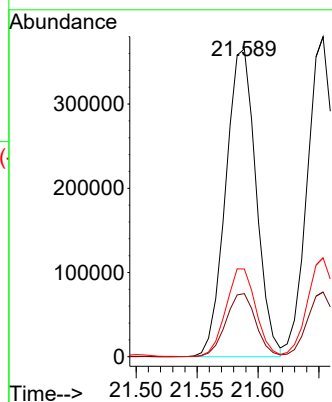
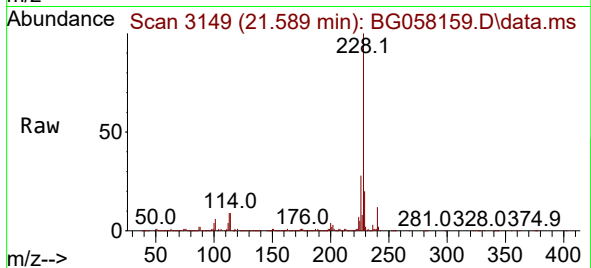
Tgt Ion:228 Resp: 634245

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

226 28.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.047 ng/ul

RT: 21.483 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

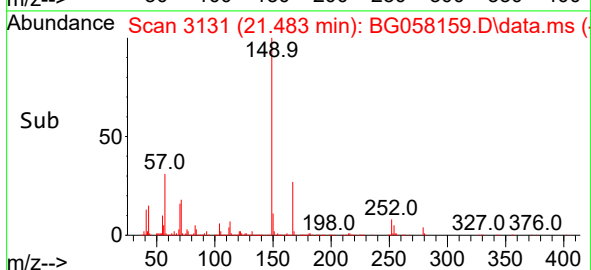
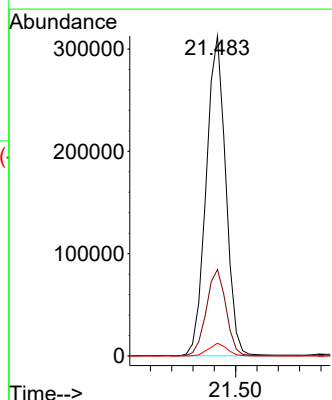
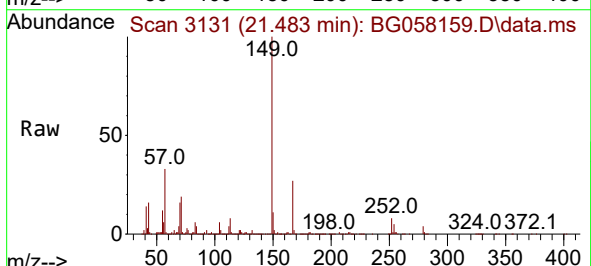
Tgt Ion:149 Resp: 398734

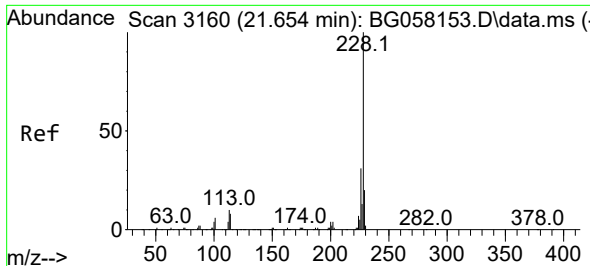
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 4.0 3.1 4.7

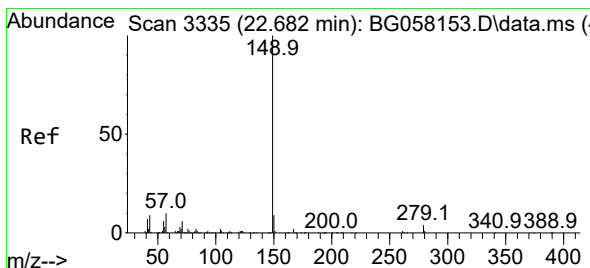
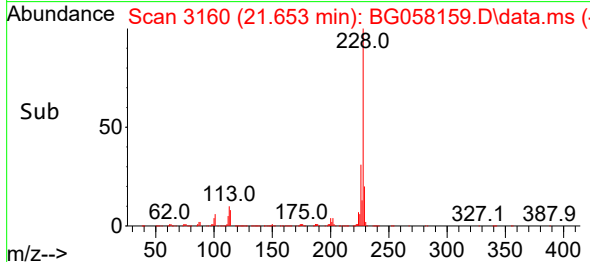
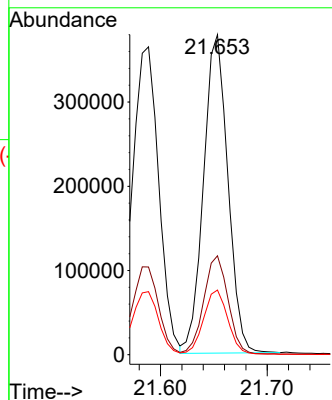
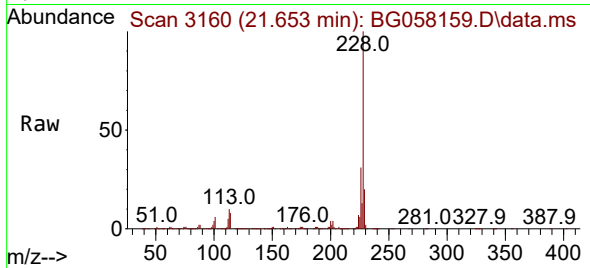




#87
Chrysene
Concen: 32.479 ng/ul
RT: 21.653 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

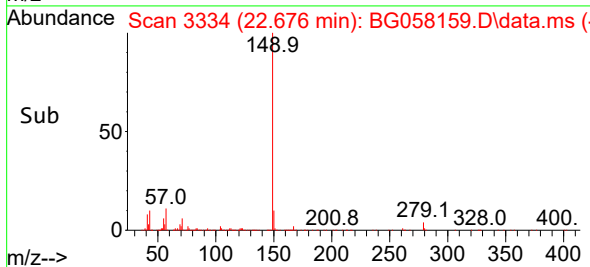
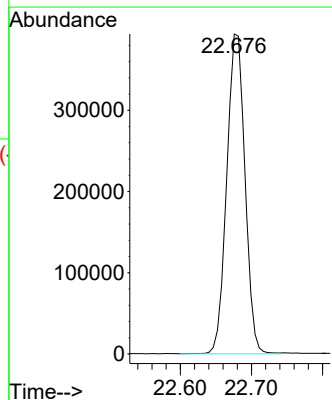
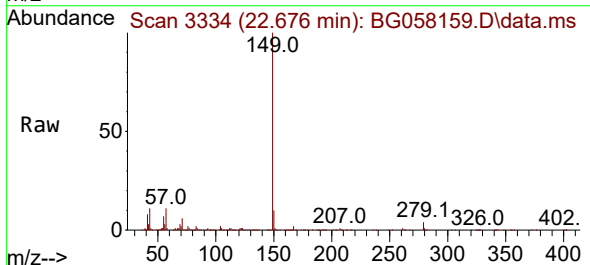
Instrument :
BNA_G
ClientSampleId :
EX804MS

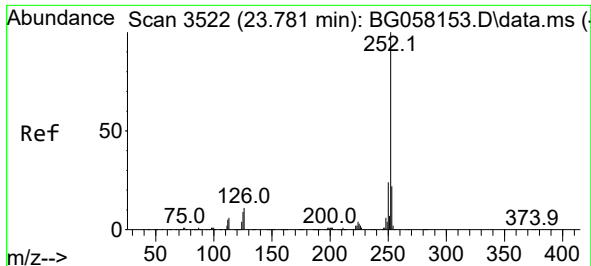
Tgt Ion:228 Resp: 599766
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.2 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 33.367 ng/ul
RT: 22.676 min Scan# 3334
Delta R.T. -0.000 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:149 Resp: 699943

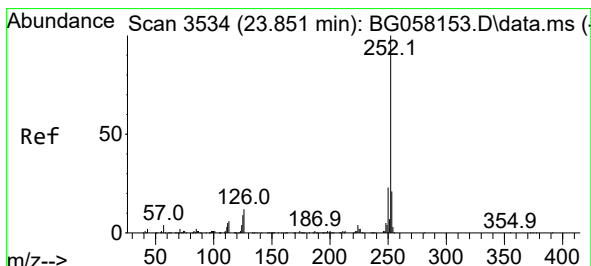
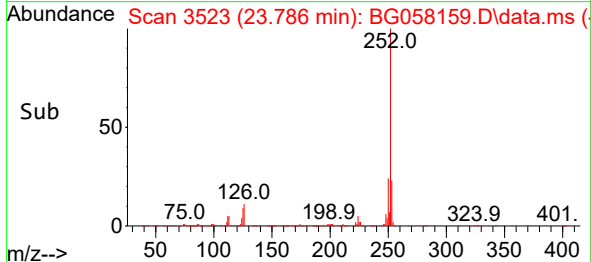
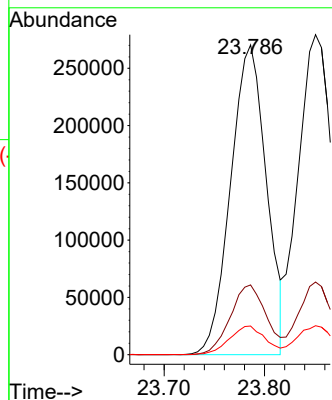
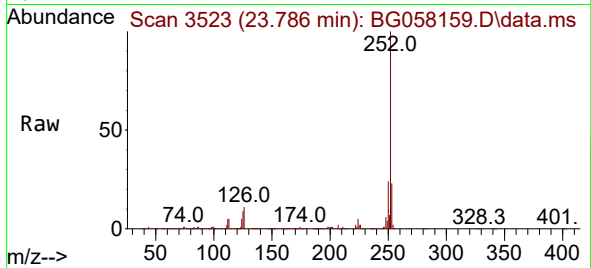




#90
Benzo(b)fluoranthene
Concen: 31.655 ng/ul
RT: 23.786 min Scan# 3522
Delta R.T. 0.017 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

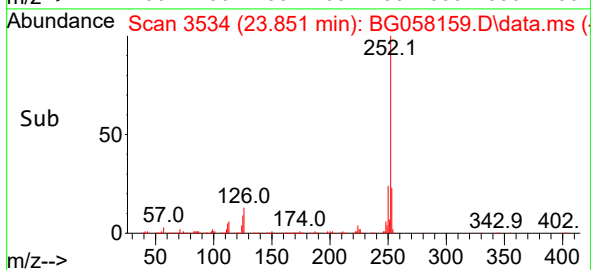
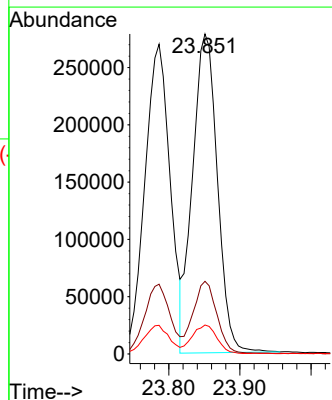
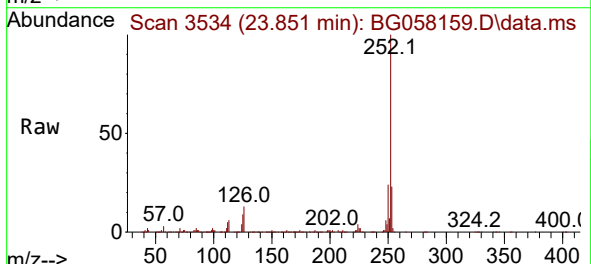
Instrument :
BNA_G
ClientSampleId :
EX804MS

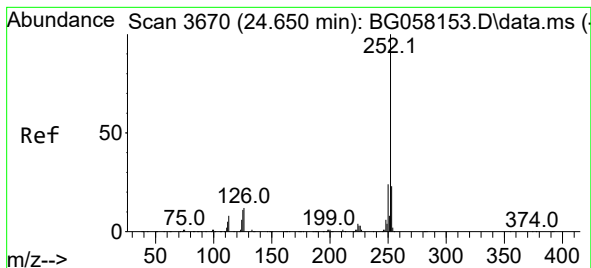
Tgt Ion:252 Resp: 669165
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 9.3 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 32.574 ng/ul
RT: 23.851 min Scan# 3534
Delta R.T. 0.011 min
Lab File: BG058159.D
Acq: 11 Jul 2023 14:56

Tgt Ion:252 Resp: 674943
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.0 7.4 11.2





#93

Benzo(a)pyrene

Concen: 31.917 ng/ul

RT: 24.656 min Scan# 3

Delta R.T. 0.017 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

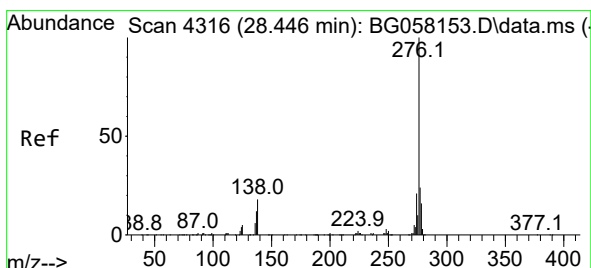
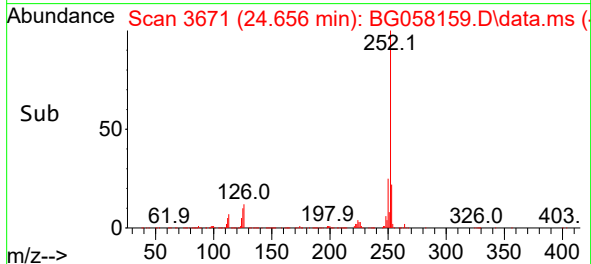
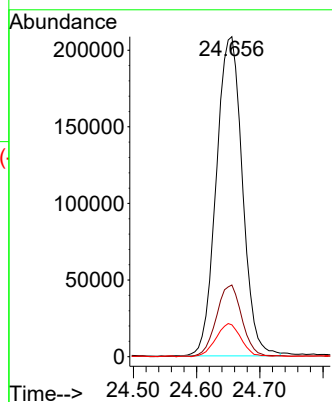
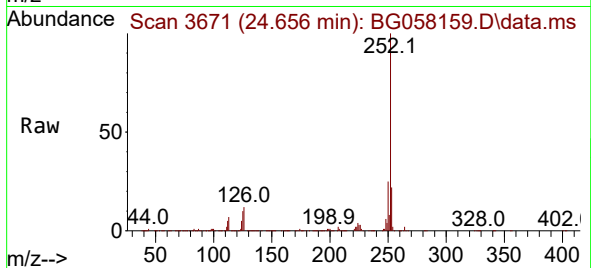
Tgt Ion:252 Resp: 597174

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.0 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.848 ng/ul

RT: 28.445 min Scan# 4316

Delta R.T. 0.023 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

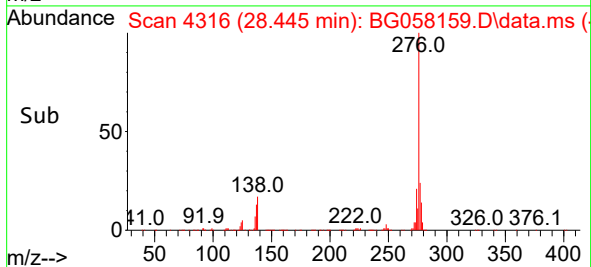
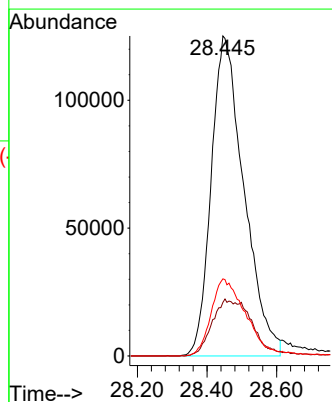
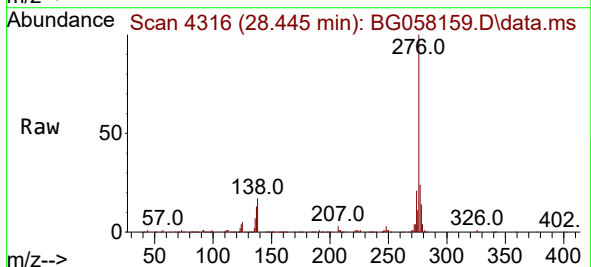
Tgt Ion:276 Resp: 816137

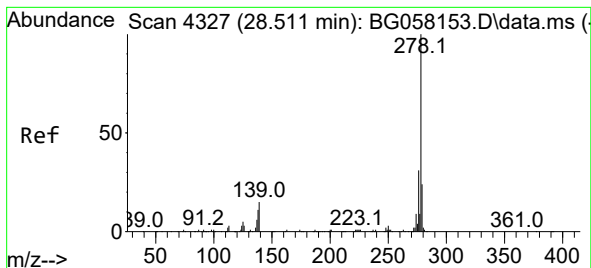
Ion Ratio Lower Upper

276 100

138 16.8 14.0 21.0

277 24.1 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 33.283 ng/ul

RT: 28.504 min Scan# 41

Delta R.T. 0.017 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EX804MS

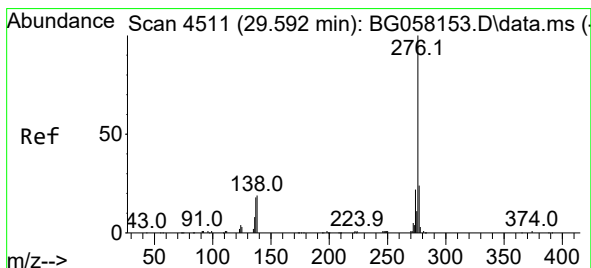
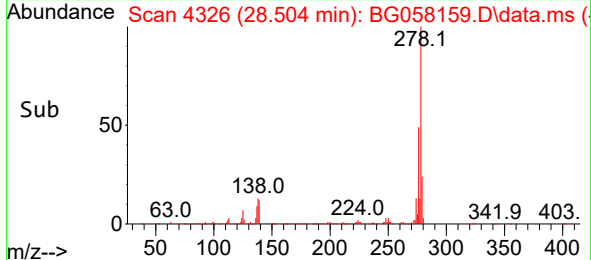
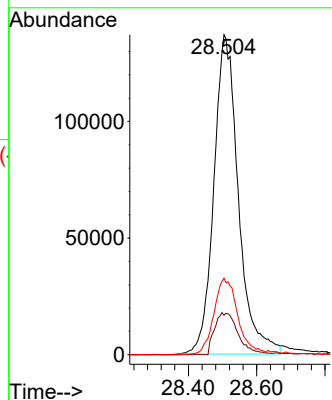
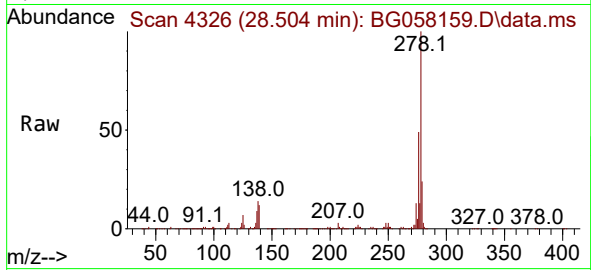
Tgt Ion:278 Resp: 681895

Ion Ratio Lower Upper

278 100

139 12.3 11.3 16.9

279 23.9 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 31.491 ng/ul

RT: 29.591 min Scan# 4511

Delta R.T. 0.029 min

Lab File: BG058159.D

Acq: 11 Jul 2023 14:56

Tgt Ion:276 Resp: 639085

Ion Ratio Lower Upper

276 100

138 17.1 14.2 21.2

277 23.6 18.6 27.8

