

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058411.D
 Acq On : 22 Jul 2023 22:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 23 01:33:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	62953	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	269863	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	170780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	358418	20.000	ng/u1	0.00
79) Chrysene-d12	21.537	240	291588	20.000	ng/u1	0.00
88) Perylene-d12	24.680	264	366414	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	13839	8.091	ng/uL	0.00
4) Pyridine-d5	3.752	84	109379	21.545	ng/u1	0.00
7) Phenol-d5	7.065	99	127260	21.310	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	76075	20.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	90664	21.688	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	92150	20.230	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	45363	22.426	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	44245	20.036	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	94925	22.424	ng/u1	0.00
31) 4-Chloroaniline-d4	10.837	131	119812	19.523	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	258886	19.658	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	307492	22.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	37776	18.994	ng/u1	0.01
60) Fluorene-d10	15.526	176	225342	20.668	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	4465	2.445	ng/u1	0.00
73) Anthracene-d10	17.383	188	342383	22.108	ng/u1	0.00
81) Pyrene-d10	19.674	212	375407	21.798	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.463	264	376313	21.249	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	15989	8.241	ng/uL	98
5) Pyridine	3.769	79	117539	21.923	ng/u1	97
6) Benzaldehyde	7.036	77	41669	17.277	ng/u1	98
8) Phenol	7.095	94	132738	21.403	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.318	93	97221	20.463	ng/u1	97
12) 2-Chlorophenol	7.465	128	95679	21.866	ng/u1	99
13) 2-Methylphenol	8.346	108	100022	20.693	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.423	45	160781	20.650	ng/u1	98
16) Acetophenone	8.722	105	151816	19.570	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	78287	18.439	ng/u1	98
18) 4-Methylphenol	8.669	108	105461	20.076	ng/u1	96
19) Hexachloroethane	8.975	117	35917	20.824	ng/u1	88
22) Nitrobenzene	9.104	77	117594	21.800	ng/u1	96
23) Isophorone	9.621	82	228606	18.903	ng/u1	100
25) 2-Nitrophenol	9.815	139	46585	19.750	ng/u1	95
26) 2,4-Dimethylphenol	9.874	107	112807	21.448	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.103	93	133139	20.787	ng/u1	98
29) 2,4-Dichlorophenol	10.356	162	92107	22.924	ng/u1	94
30) Naphthalene	10.749	128	309631	21.466	ng/u1	99
32) 4-Chloroaniline	10.861	127	122446	19.522	ng/u1	98
33) Hexachlorobutadiene	11.025	225	65960	22.958	ng/u1	99
34) Caprolactam	11.625	113	28276	16.944	ng/u1	99
35) 4-Chloro-3-methylphenol	11.995	107	103268	20.196	ng/u1	94
36) 2-Methylnaphthalene	12.359	142	202663	20.971	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.582	142	203949	20.591	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	118616	23.993	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	14290	5.374	ng/ul	97
41) 2,4,6-Trichlorophenol	12.970	196	77954	23.293	ng/ul	98
42) 2,4,5-Trichlorophenol	13.052	196	77946	21.842	ng/ul	95
43) 1,1'-Biphenyl	13.370	154	261468	22.642	ng/ul	97
44) 2-Chloronaphthalene	13.411	162	212922	23.190	ng/ul	98
45) 2-Nitroaniline	13.617	65	69932	21.927	ng/ul	99
47) Dimethylphthalate	13.987	163	260097	19.663	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	53145	20.791	ng/ul	94
50) Acenaphthylene	14.257	152	328534	22.053	ng/ul	99
51) 3-Nitroaniline	14.445	138	47524	22.309	ng/ul	93
52) Acenaphthene	14.604	153	225140	21.767	ng/ul	99
53) 2,4-Dinitrophenol	14.662	184	1361	1.000	ng/ul#	88
55) 4-Nitrophenol	14.762	109	27545	17.983	ng/ul	95
56) Dibenzofuran	14.933	168	313879	21.313	ng/ul	100
57) 2,4-Dinitrotoluene	14.903	165	71296	19.338	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.168	232	64593	19.591	ng/ul#	99
59) Diethylphthalate	15.350	149	261695	19.204	ng/ul	99
61) Fluorene	15.585	166	250743	20.761	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	133970	20.895	ng/ul	99
63) 4-Nitroaniline	15.608	138	40875	21.206	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.673	198	4908	2.612	ng/ul#	99
67) N-Nitrosodiphenylamine	15.790	169	207027	23.302	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	86685	22.834	ng/ul	94
69) Hexachlorobenzene	16.589	284	96678	22.569	ng/ul	97
70) Atrazine	16.736	200	77652	22.292	ng/ul	96
71) Pentachlorophenol	16.936	266	45475	18.912	ng/ul	88
72) Phenanthrene	17.324	178	377204	22.146	ng/ul	98
74) Anthracene	17.418	178	382671	22.379	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.334	216	120110	26.716	ng/ul	97
76) Pentachlorobenzene	14.856	250	121601	24.734	ng/ul	96
77) Carbazole	17.688	167	345637	23.318	ng/ul	100
78) Di-n-butylphthalate	18.235	149	440487	23.387	ng/ul	99
80) Fluoranthene	19.339	202	436649	22.131	ng/ul	99
82) Pyrene	19.703	202	441981	22.109	ng/ul	100
83) Butylbenzylphthalate	20.585	149	186947	23.749	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.437	252	146802	22.553	ng/ul	98
85) Benzo(a)anthracene	21.519	228	430598	21.970	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	274788	24.542	ng/ul	99
87) Chrysene	21.584	228	405286	21.801	ng/ul	98
89) Di-n-octyl phthalate	22.588	149	478311	24.534	ng/ul	100
90) Benzo(b)fluoranthene	23.681	252	444800	20.981	ng/ul	98
91) Benzo(k)fluoranthene	23.746	252	447320	21.156	ng/ul	97
93) Benzo(a)pyrene	24.527	252	398819	21.150	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.252	276	203289	8.183	ng/ul	97
95) Dibenzo(a,h)anthracene	28.317	278	414715	20.357	ng/ul	98
96) Benzo(g,h,i)perylene	29.375	276	186797	9.228	ng/ul	97

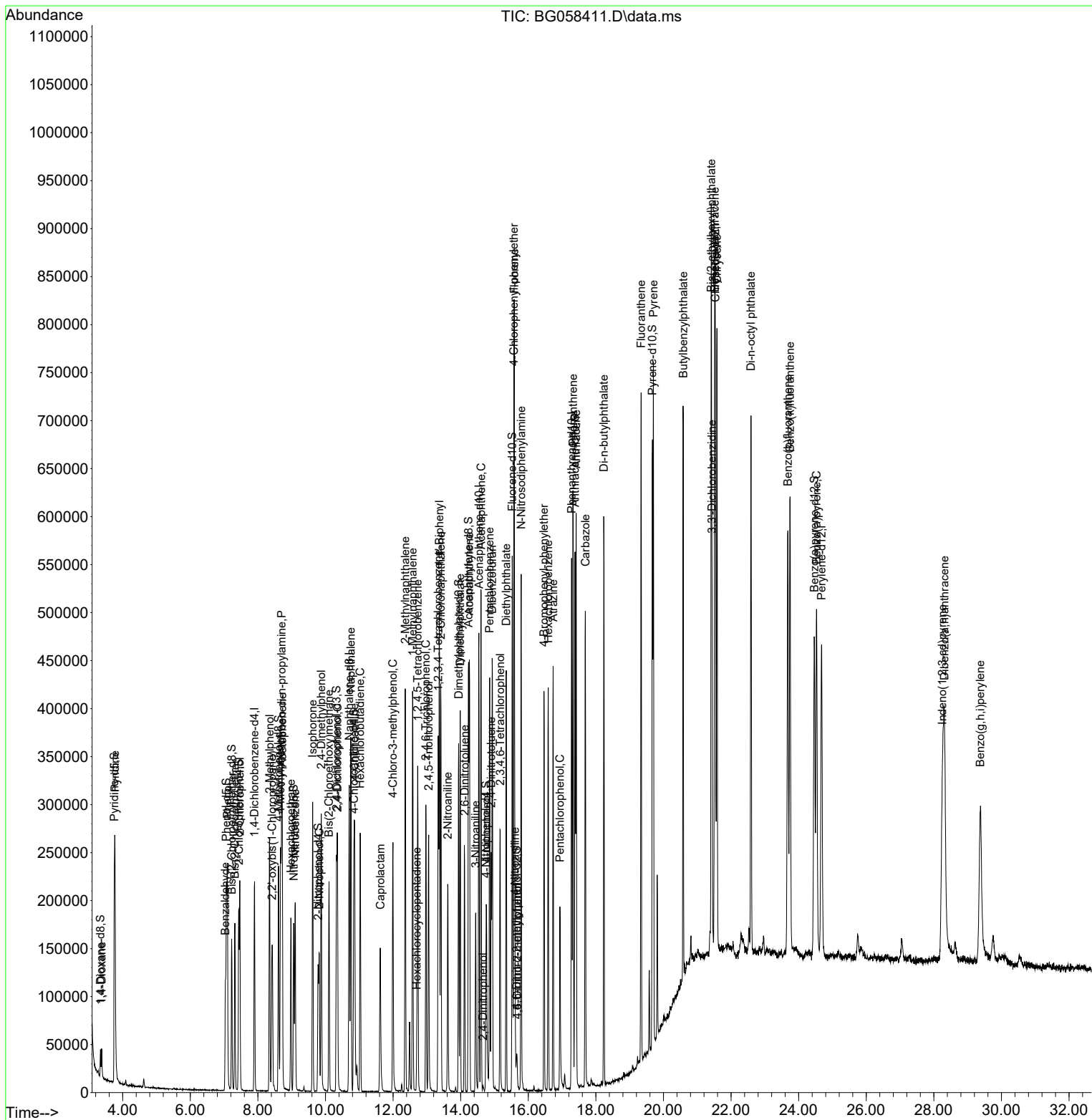
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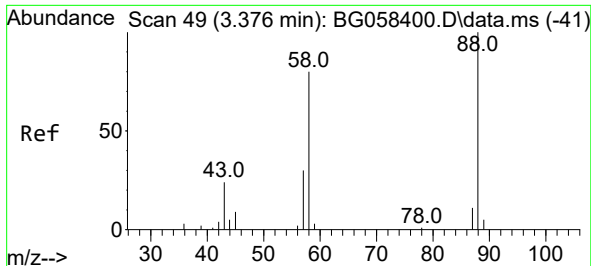
Instrument :

BNA M

ClientSampleId :

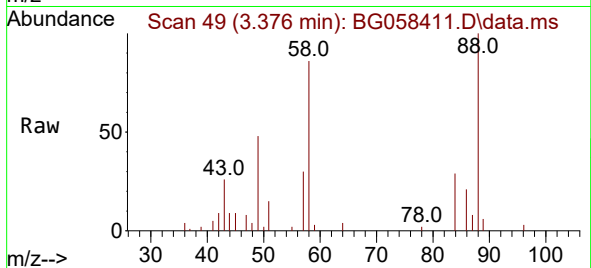
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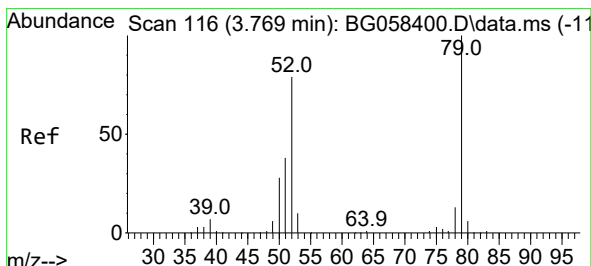
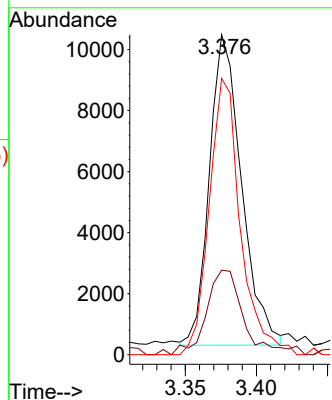
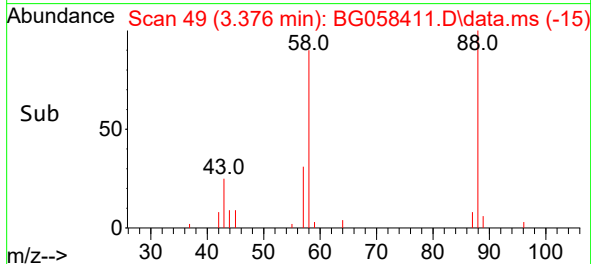


#2
1,4-Dioxane
Concen: 8.241 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG058411.D
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Instrument :
BNA_M
ClientSampleId :

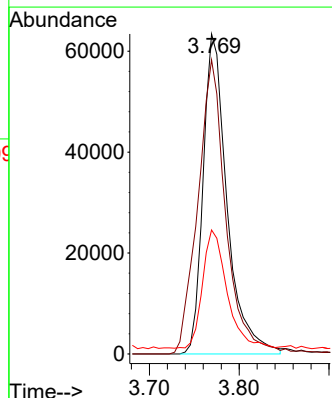
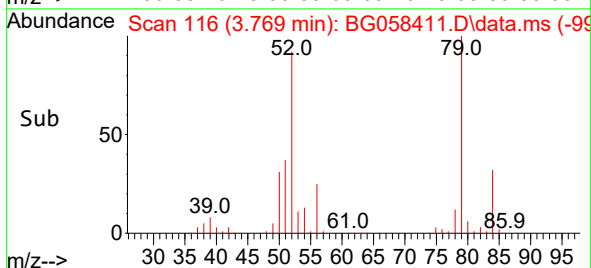
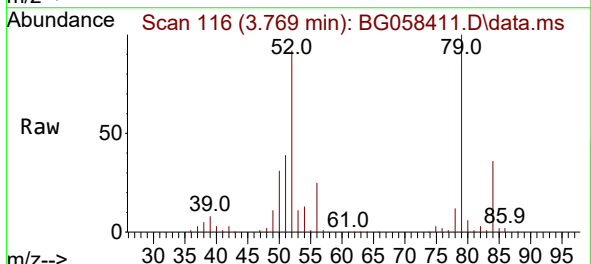


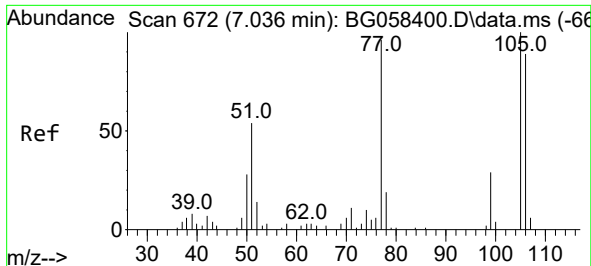
Tgt Ion: 88 Resp: 15989
Ion Ratio Lower Upper
88 100
43 26.4 19.6 29.4
58 86.4 70.2 105.4



#5
Pyridine
Concen: 21.923 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion: 79 Resp: 117539
Ion Ratio Lower Upper
79 100
52 91.9 72.3 108.5
51 38.7 33.4 50.0

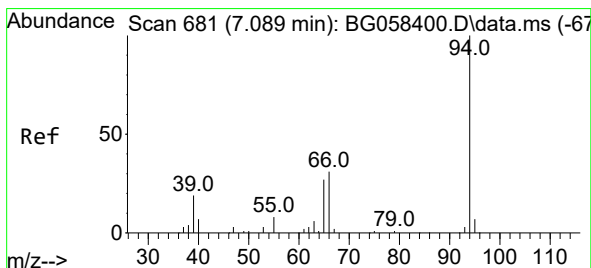
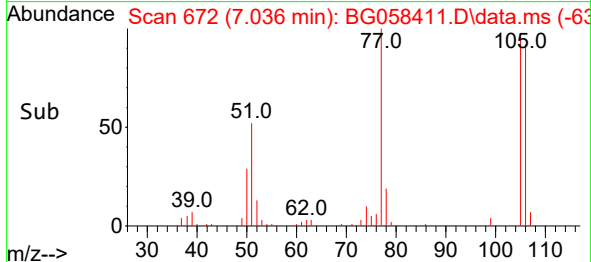
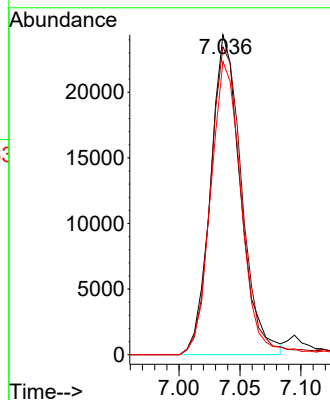
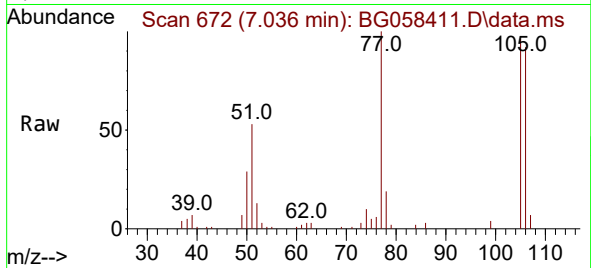




#6
Benzaldehyde
Concen: 17.277 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

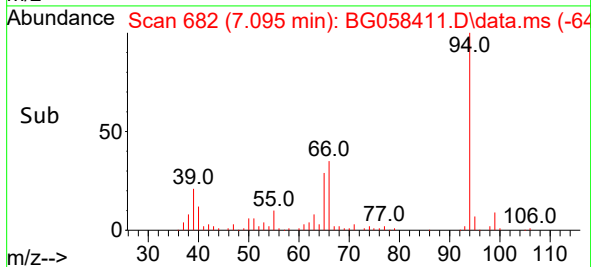
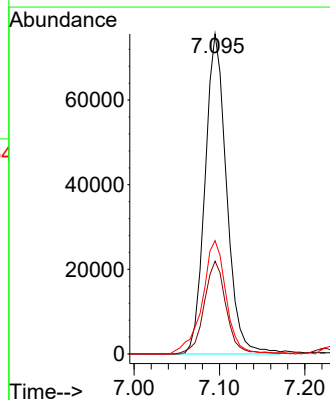
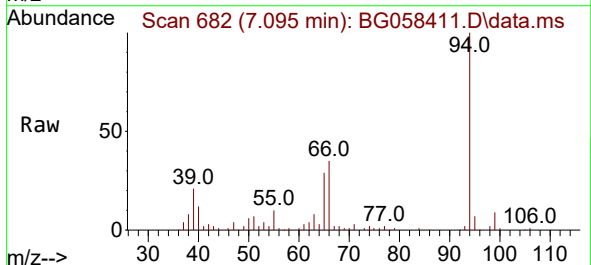
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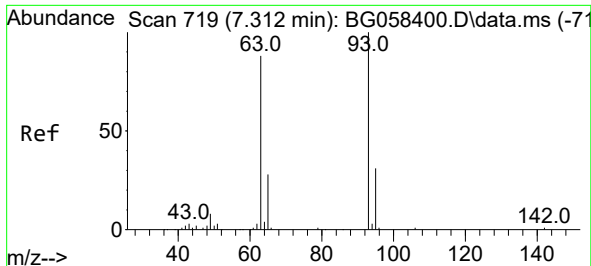
Tgt Ion: 77 Resp: 41669
Ion Ratio Lower Upper
77 100
105 96.2 78.2 117.4
106 91.6 71.6 107.4



#8
Phenol
Concen: 21.403 ng/ul
RT: 7.095 min Scan# 682
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion: 94 Resp: 132738
Ion Ratio Lower Upper
94 100
65 29.0 23.8 35.8
66 35.4 31.2 46.8

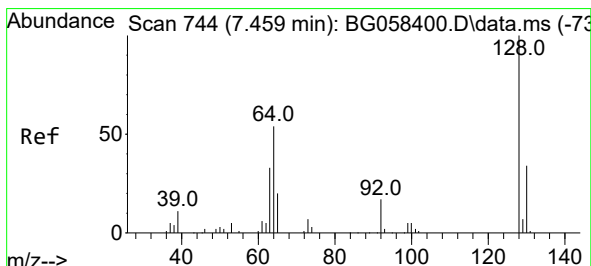
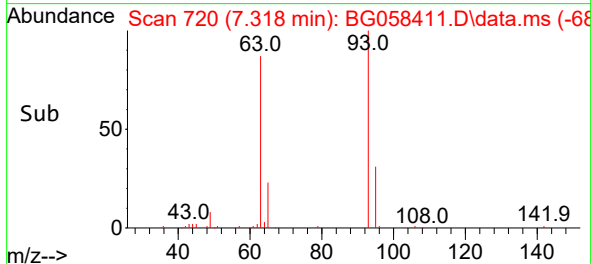
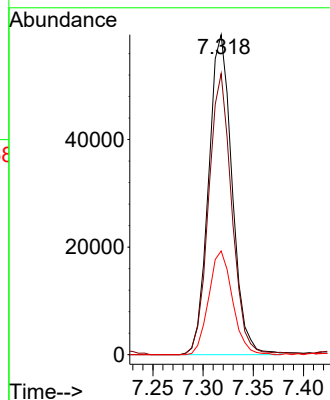
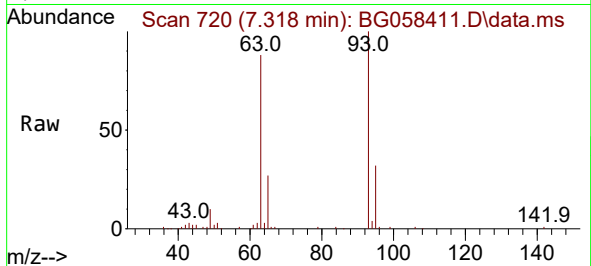




#10
Bis(2-Chloroethyl)ether
Concen: 20.463 ng/ul
RT: 7.318 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

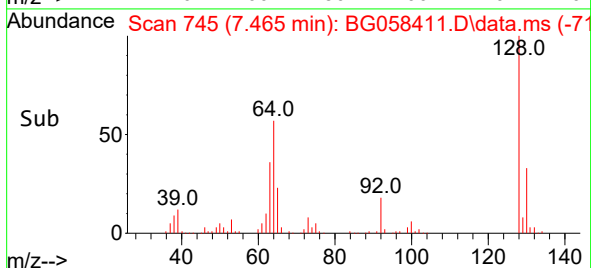
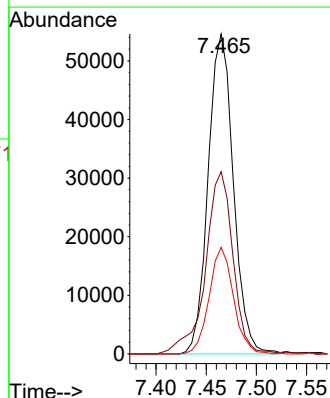
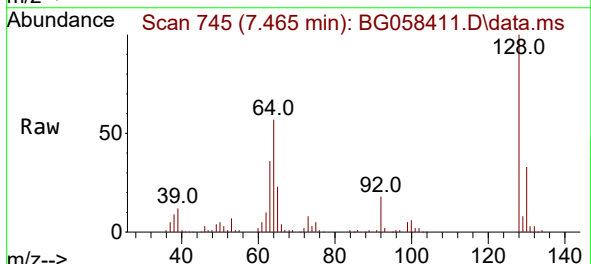
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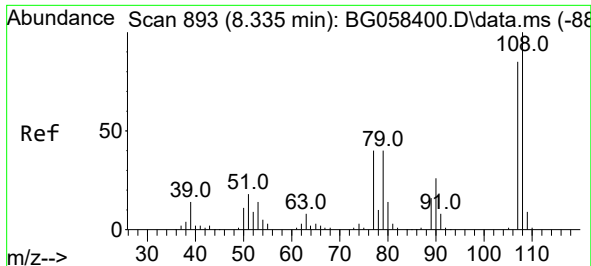
Tgt Ion: 93 Resp: 97221
Ion Ratio Lower Upper
93 100
63 87.9 67.7 101.5
95 32.4 27.0 40.6



#12
2-Chlorophenol
Concen: 21.866 ng/ul
RT: 7.465 min Scan# 745
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion: 128 Resp: 95679
Ion Ratio Lower Upper
128 100
64 56.9 45.6 68.4
130 33.3 25.2 37.8





#13

2-Methylphenol

Concen: 20.693 ng/ul

RT: 8.346 min Scan# 893

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

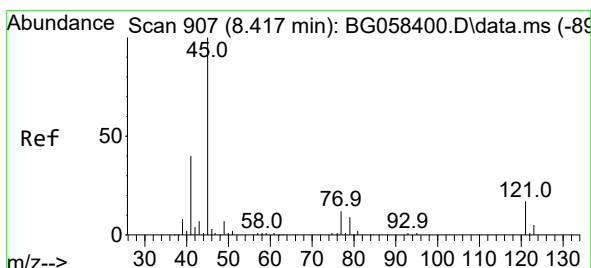
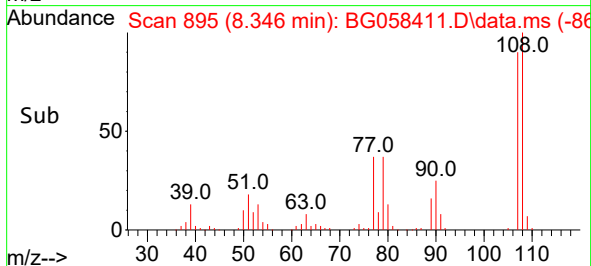
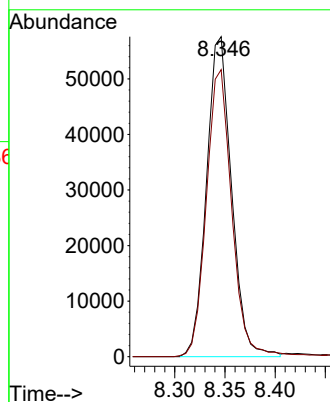
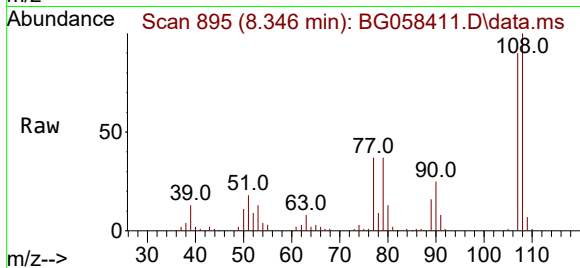
ClientSampleId :

Tgt Ion:108 Resp: 100022

Ion Ratio Lower Upper

108 100

107 89.7 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.650 ng/ul

RT: 8.423 min Scan# 908

Delta R.T. -0.005 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

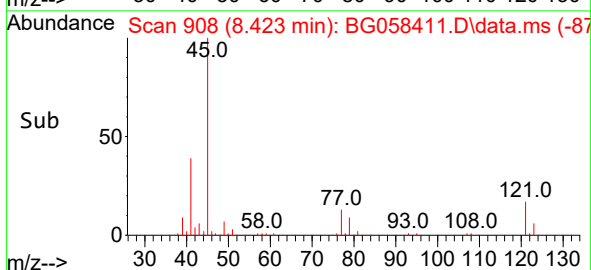
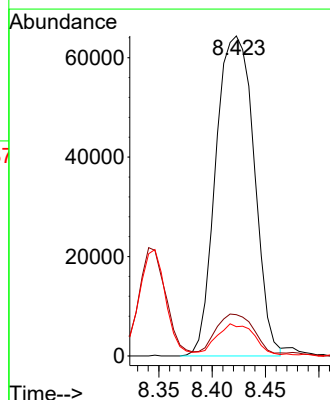
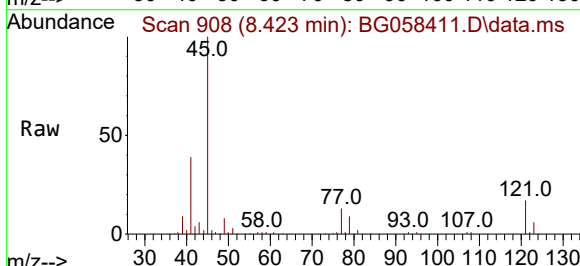
Tgt Ion: 45 Resp: 160781

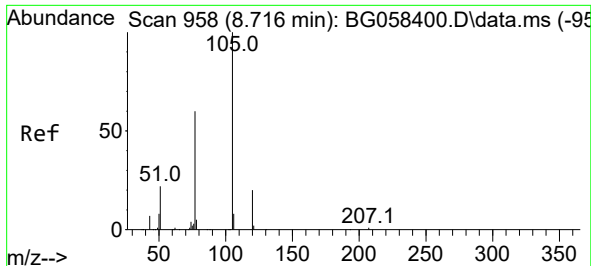
Ion Ratio Lower Upper

45 100

77 12.9 9.4 14.2

79 9.1 7.4 11.2

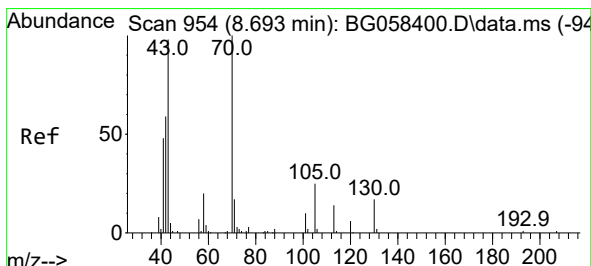
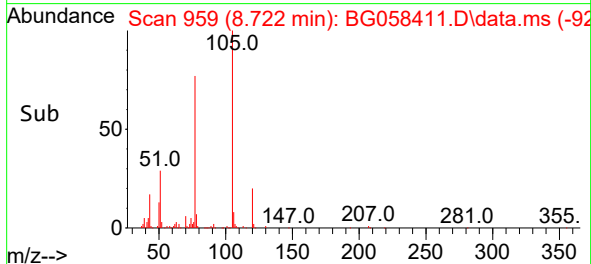
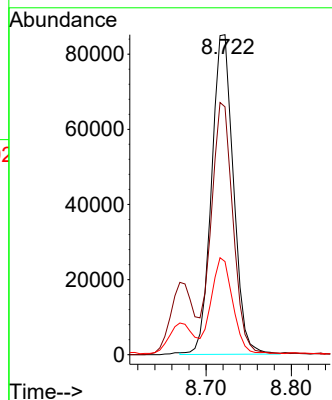
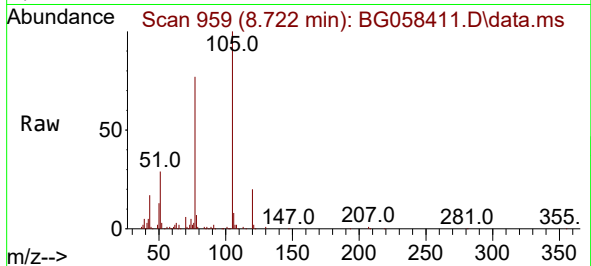




#16
Acetophenone
Concen: 19.570 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

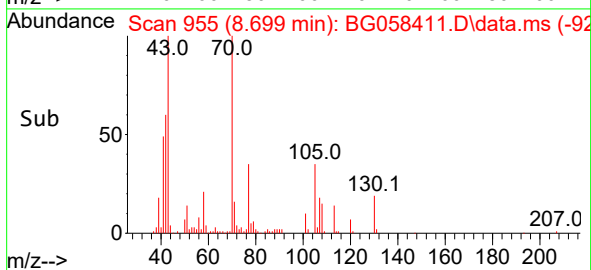
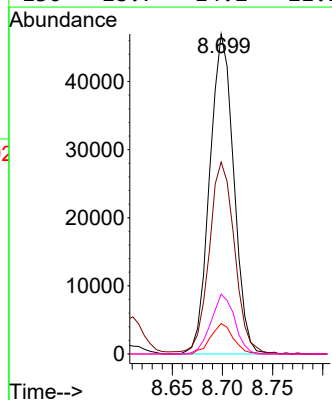
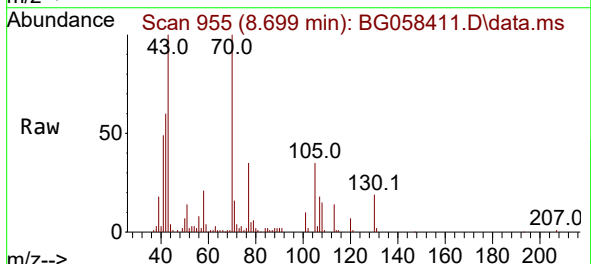
Instrument :
BNA_M
ClientSampleId :

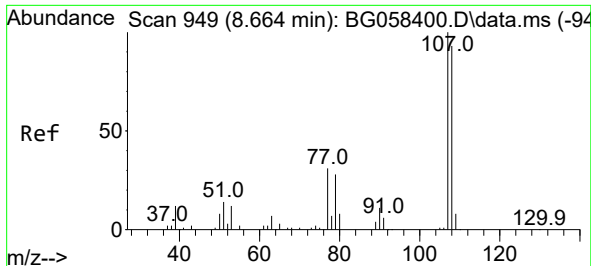
Tgt Ion:105 Resp: 151816
Ion Ratio Lower Upper
105 100
77 77.4 60.7 91.1
51 29.1 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 18.439 ng/ul
RT: 8.699 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion: 70 Resp: 78287
Ion Ratio Lower Upper
70 100
42 59.9 46.6 69.8
101 9.5 7.3 10.9
130 18.7 14.2 21.2

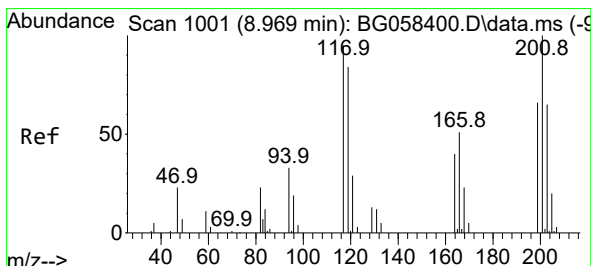
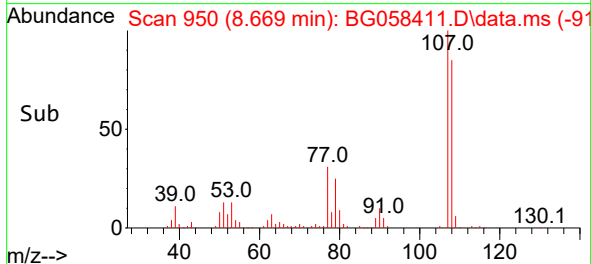
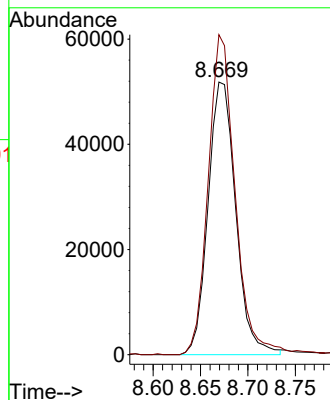
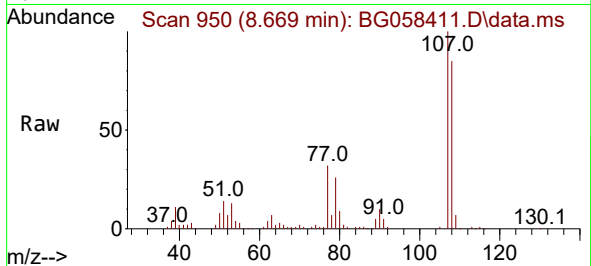




#18
4-Methylphenol
Concen: 20.076 ng/ul
RT: 8.669 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

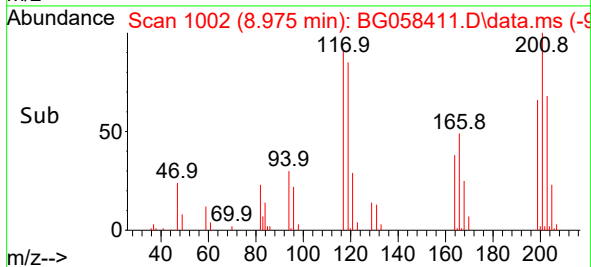
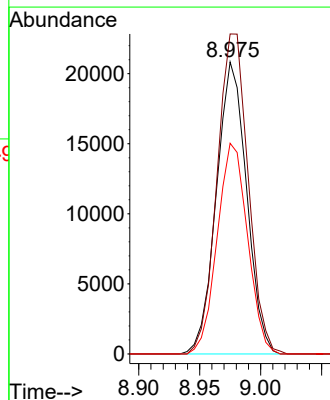
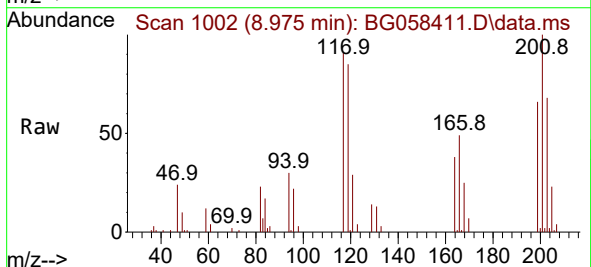
Instrument :
BNA_M
ClientSampleId :

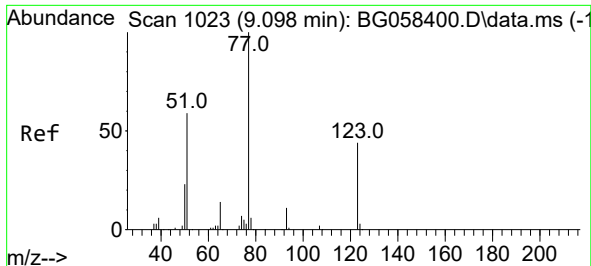
Tgt Ion:108 Resp: 105461
Ion Ratio Lower Upper
108 100
107 117.3 90.6 136.0



#19
Hexachloroethane
Concen: 20.824 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:117 Resp: 35917
Ion Ratio Lower Upper
117 100
201 109.6 103.6 155.4
199 72.2 60.1 90.1

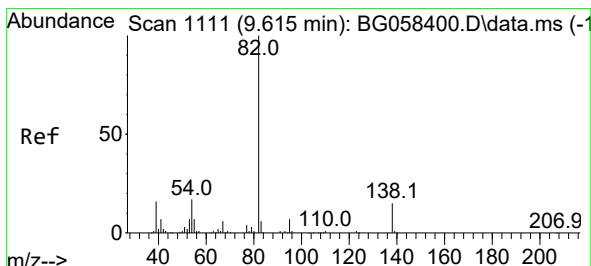
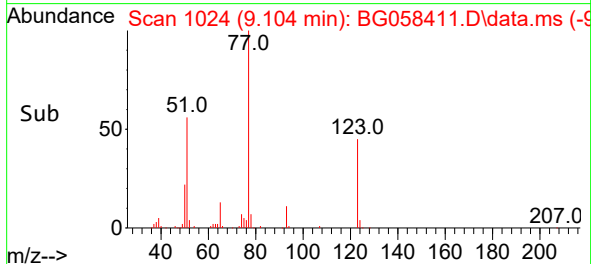
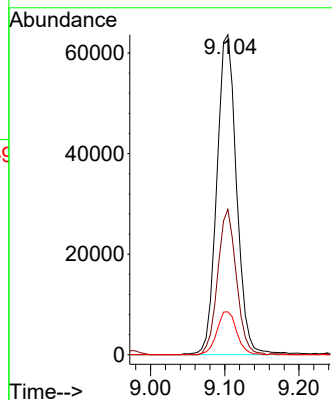
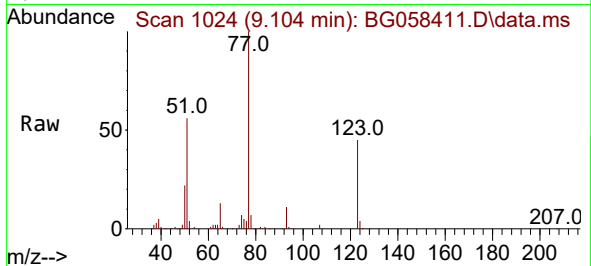




#22
Nitrobenzene
Concen: 21.800 ng/ul
RT: 9.104 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

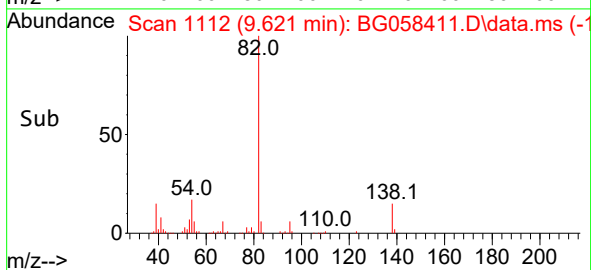
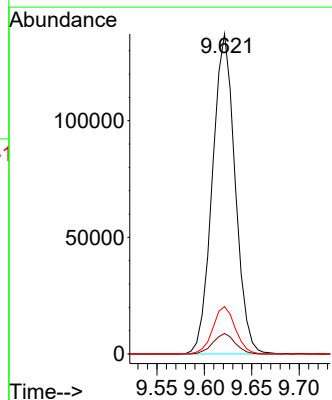
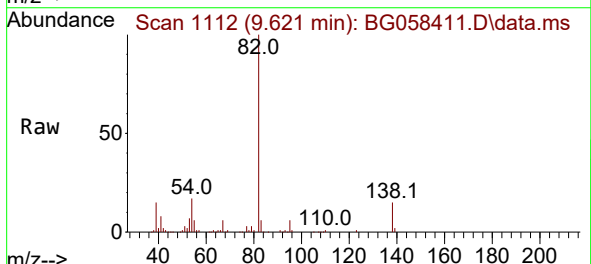
Instrument :
BNA_M
ClientSampleId :

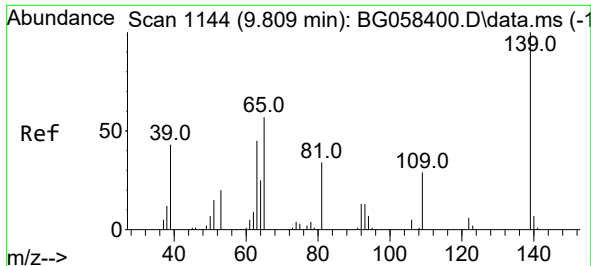
Tgt Ion: 77 Resp: 117594
Ion Ratio Lower Upper
77 100
123 45.5 34.0 51.0
65 13.4 11.0 16.6



#23
Isophorone
Concen: 18.903 ng/ul
RT: 9.621 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

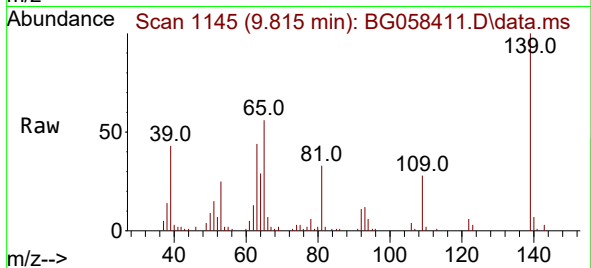
Tgt Ion: 82 Resp: 228606
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.8 11.9 17.9



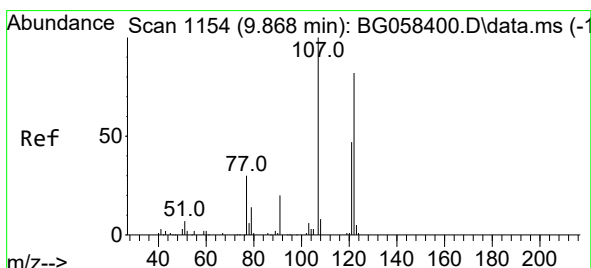
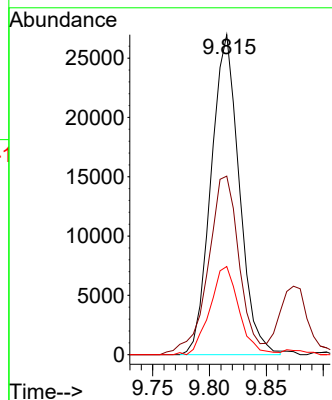
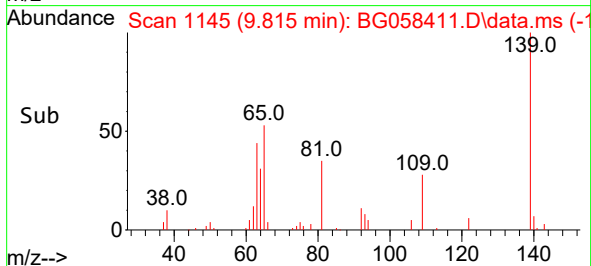


#25
2-Nitrophenol
Concen: 19.750 ng/ul
RT: 9.815 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Instrument :
BNA_M
ClientSampleId :

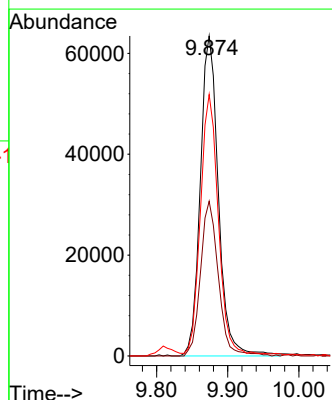
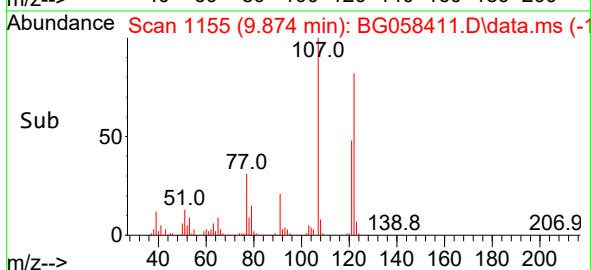
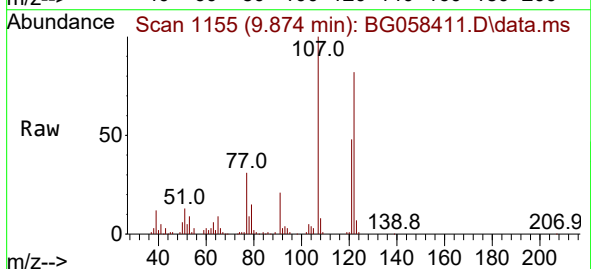


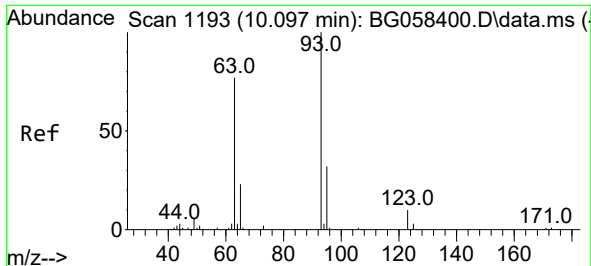
Tgt Ion:139 Resp: 46585
Ion Ratio Lower Upper
139 100
65 55.8 49.2 73.8
109 27.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 21.448 ng/ul
RT: 9.874 min Scan# 1155
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:107 Resp: 112807
Ion Ratio Lower Upper
107 100
121 48.4 39.1 58.7
122 81.7 68.9 103.3

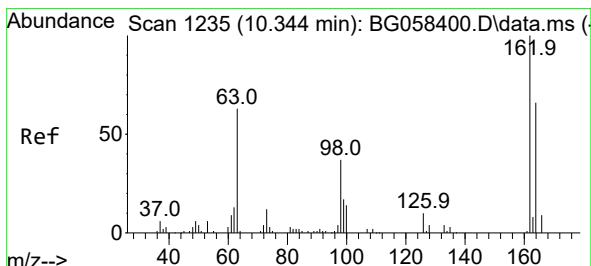
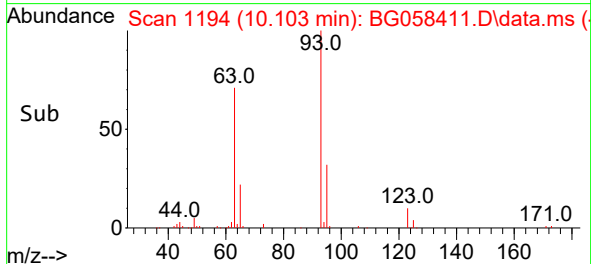
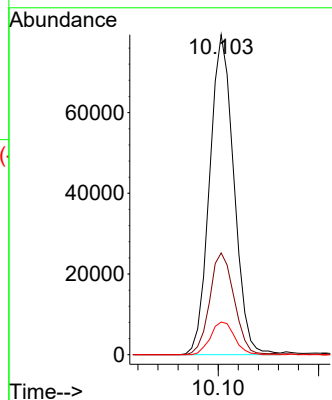
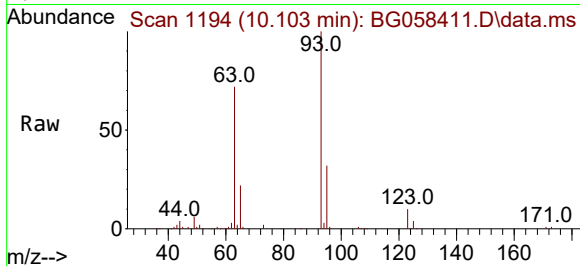




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.787 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

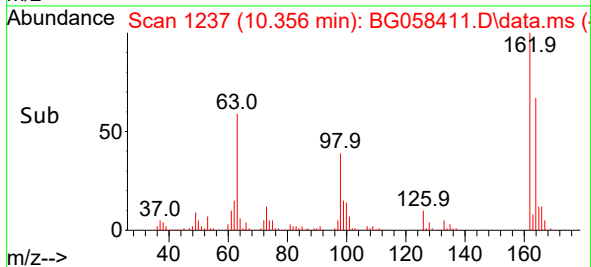
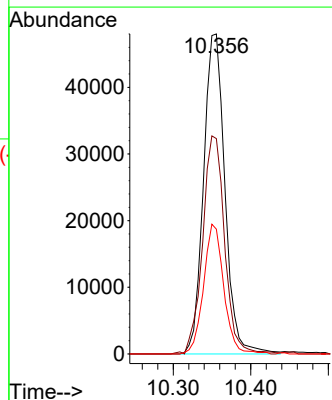
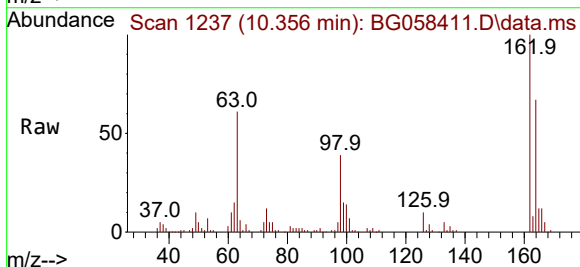
Instrument :
 BNA_M
 ClientSampleId :

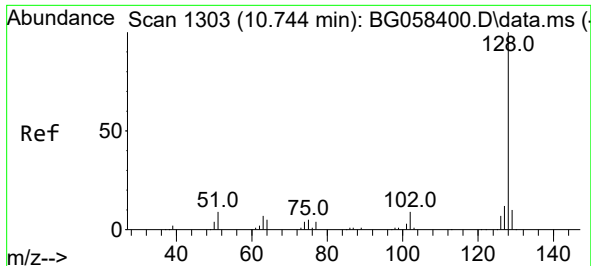
Tgt Ion: 93 Resp: 133139
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.8
 123 10.2 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 22.924 ng/ul
 RT: 10.356 min Scan# 1237
 Delta R.T. 0.007 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

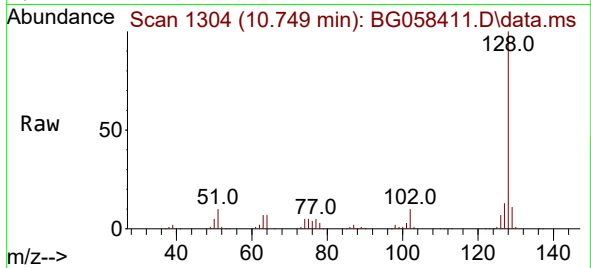
Tgt Ion:162 Resp: 92107
 Ion Ratio Lower Upper
 162 100
 164 67.3 58.4 87.6
 98 39.0 29.6 44.4



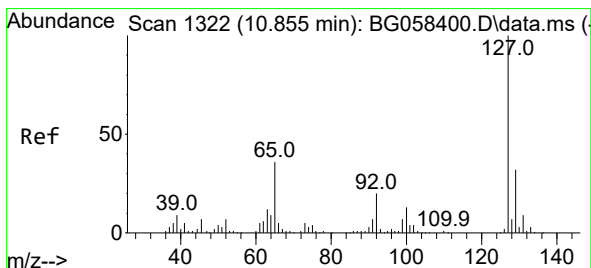
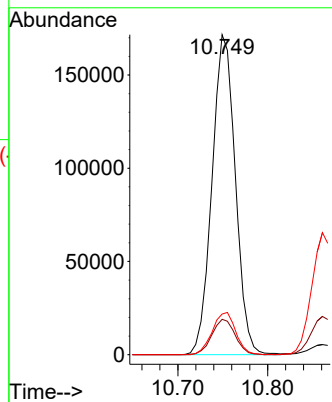
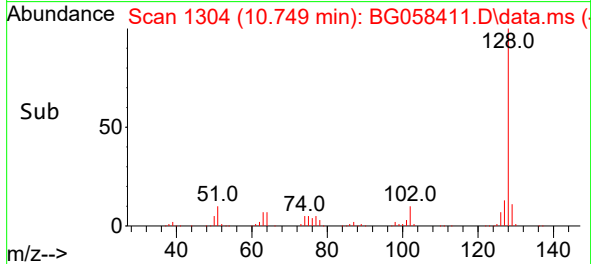


#30
Naphthalene
Concen: 21.466 ng/ul
RT: 10.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Instrument :
BNA_M
ClientSampleId :

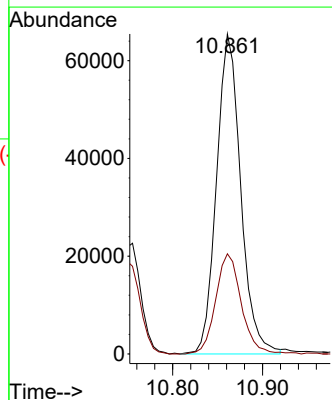
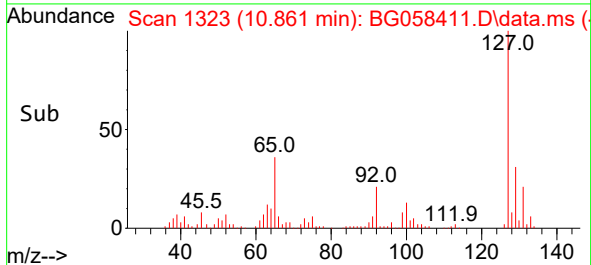
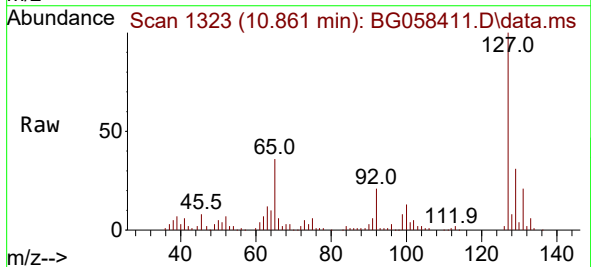


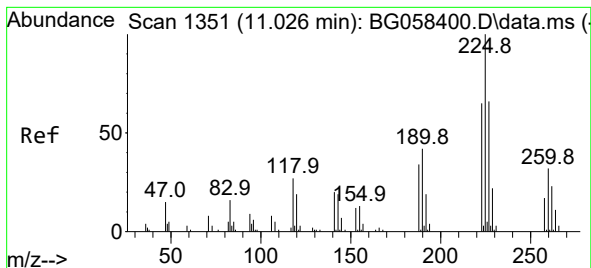
Tgt Ion:128 Resp: 309631
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.8 16.2



#32
4-Chloroaniline
Concen: 19.522 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:127 Resp: 122446
Ion Ratio Lower Upper
127 100
129 31.3 26.1 39.1

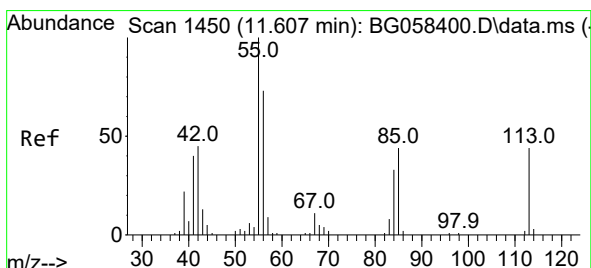
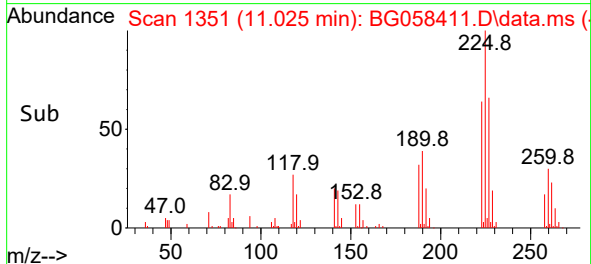
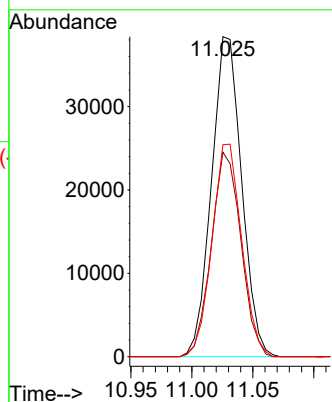
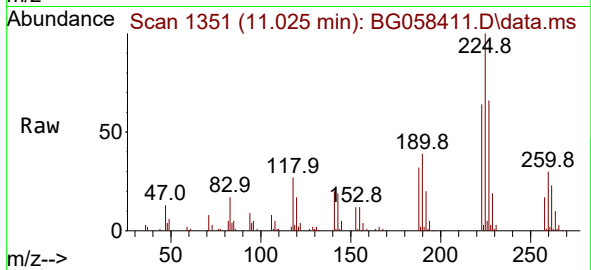




#33
Hexachlorobutadiene
Concen: 22.958 ng/ul
RT: 11.025 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

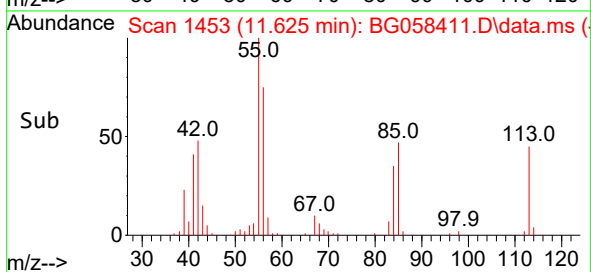
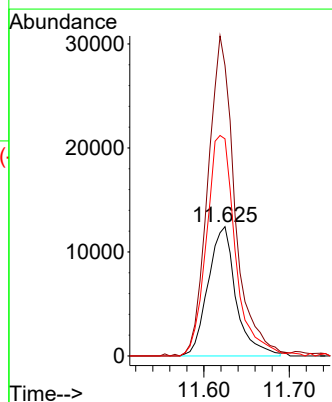
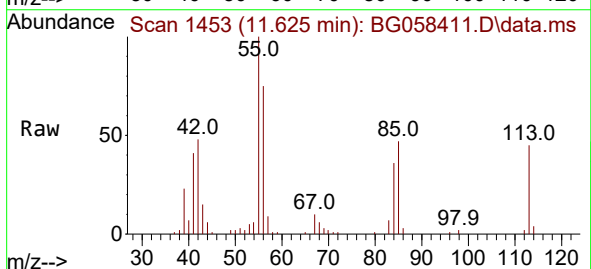
Instrument :
BNA_M
ClientSampleId :

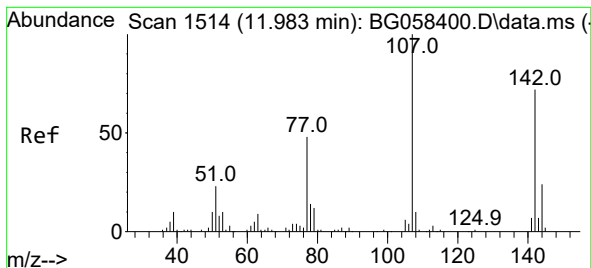
Tgt Ion:225 Resp: 65960
Ion Ratio Lower Upper
225 100
223 63.9 49.7 74.5
227 66.3 53.2 79.8



#34
Caprolactam
Concen: 16.944 ng/ul
RT: 11.625 min Scan# 1453
Delta R.T. -0.011 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:113 Resp: 28276
Ion Ratio Lower Upper
113 100
55 224.5 179.8 269.6
56 167.9 132.2 198.4

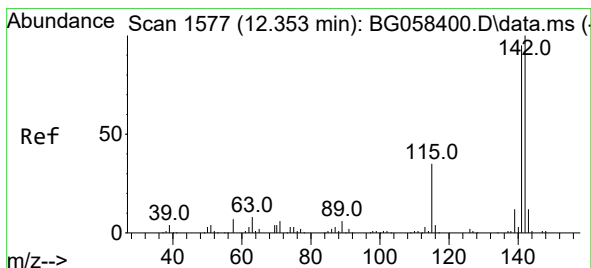
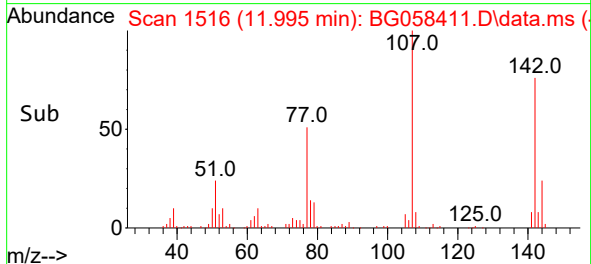
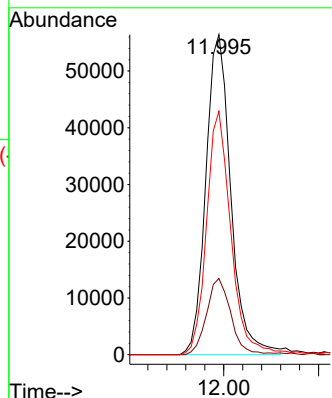
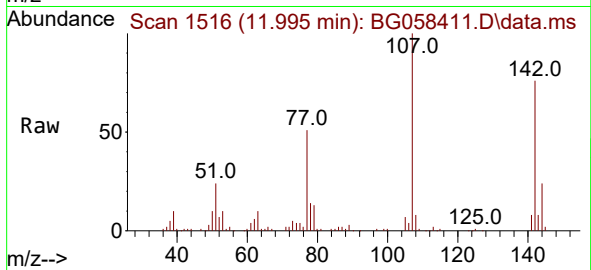




#35
4-Chloro-3-methylphenol
Concen: 20.196 ng/ul
RT: 11.995 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

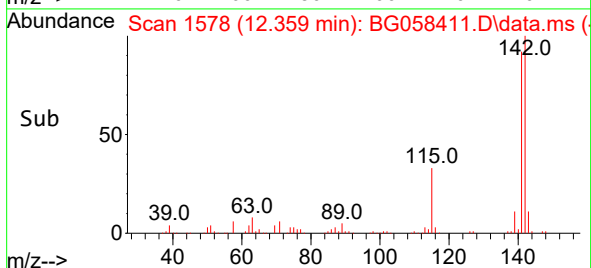
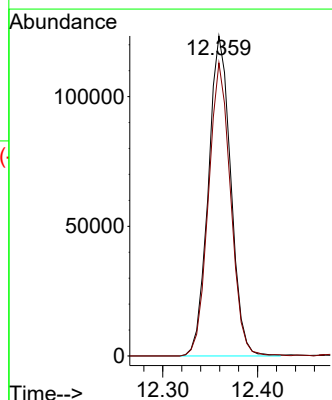
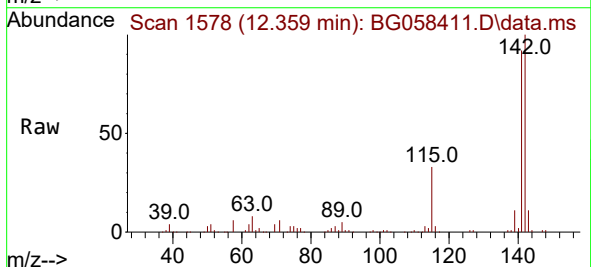
Instrument :
BNA_M
ClientSampleId :

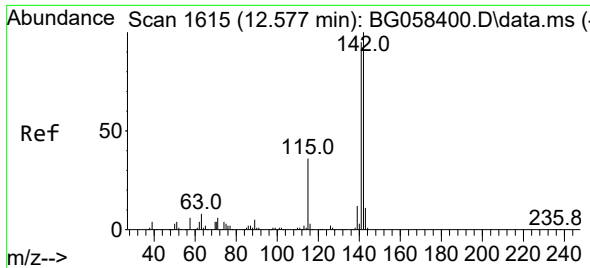
Tgt Ion:107 Resp: 103268
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 76.0 55.8 83.6



#36
2-Methylnaphthalene
Concen: 20.971 ng/ul
RT: 12.359 min Scan# 1578
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:142 Resp: 202663
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8

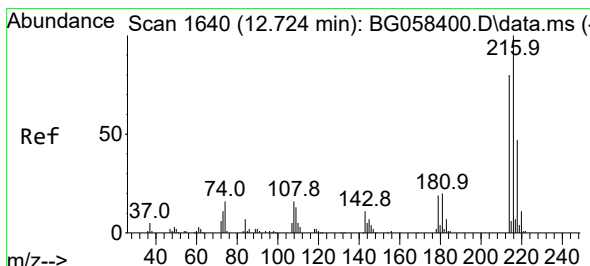
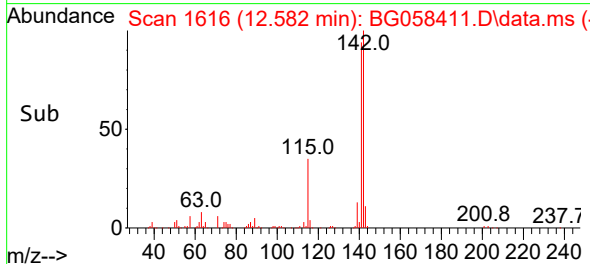
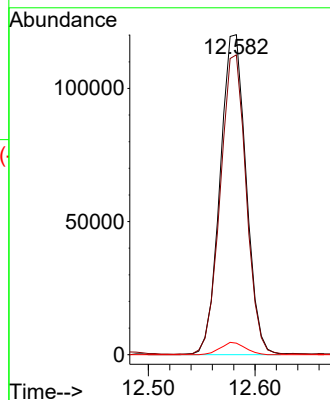
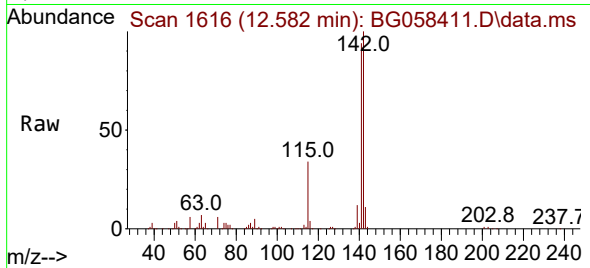




#37
1-Methylnaphthalene
Concen: 20.591 ng/ul
RT: 12.582 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

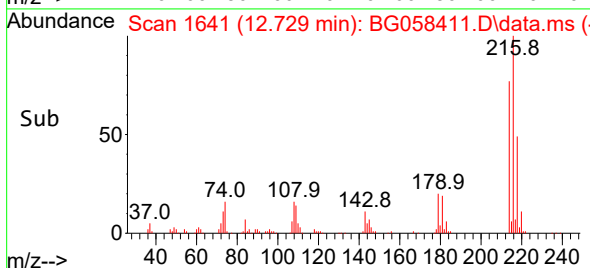
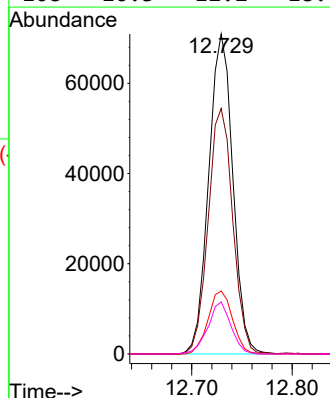
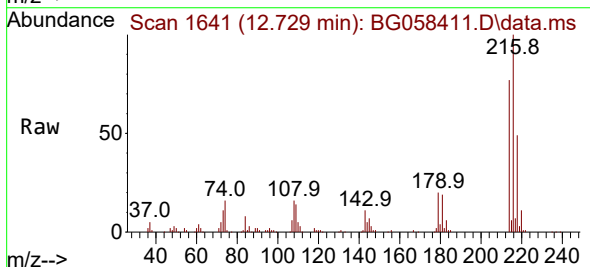
Instrument :
BNA_M
ClientSampleId :

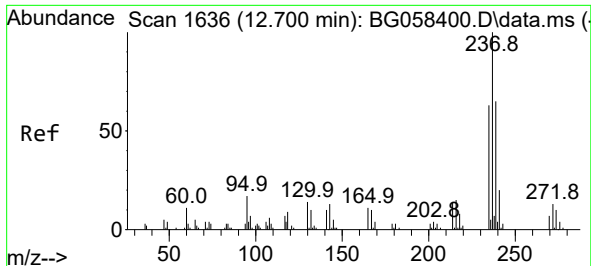
Tgt Ion:142 Resp: 203949
Ion Ratio Lower Upper
142 100
141 93.7 75.8 113.6
116 3.6 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.993 ng/ul
RT: 12.729 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

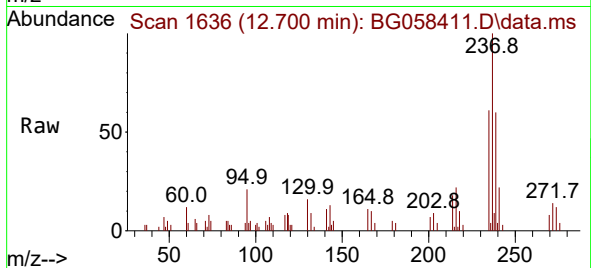
Tgt Ion:216 Resp: 118616
Ion Ratio Lower Upper
216 100
214 76.7 62.2 93.4
179 19.7 16.2 24.2
108 16.3 12.2 18.4



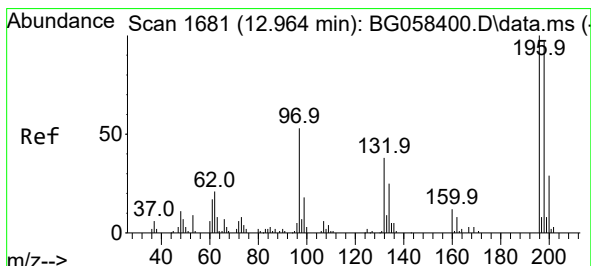
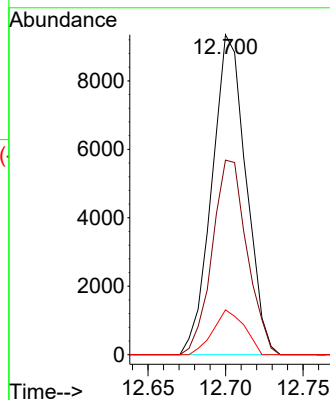
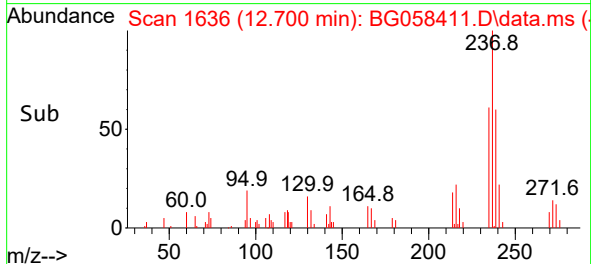


#40
Hexachlorocyclopentadiene
Concen: 5.374 ng/ul
RT: 12.700 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

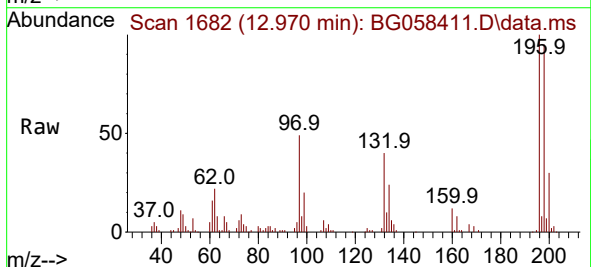
Instrument :
BNA_M
ClientSampleId :



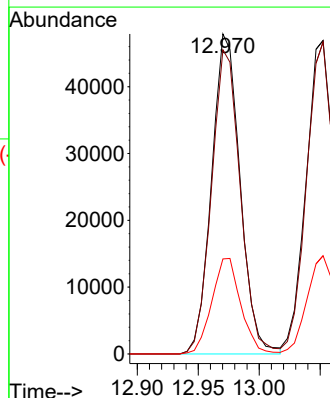
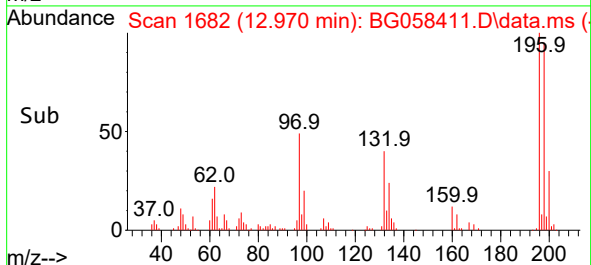
Tgt Ion:237 Resp: 14290
Ion Ratio Lower Upper
237 100
235 60.8 50.9 76.3
272 14.0 10.8 16.2

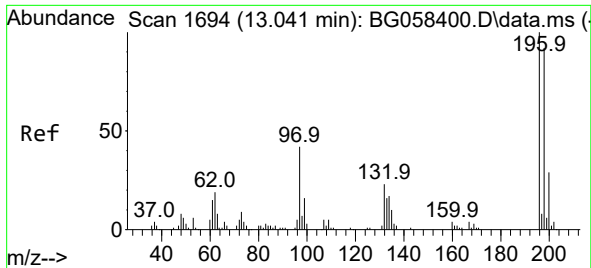


#41
2,4,6-Trichlorophenol
Concen: 23.293 ng/ul
RT: 12.970 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18



Tgt Ion:196 Resp: 77954
Ion Ratio Lower Upper
196 100
198 95.0 77.7 116.5
200 29.7 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 21.842 ng/ul

RT: 13.052 min Scan# 1

Delta R.T. 0.007 min

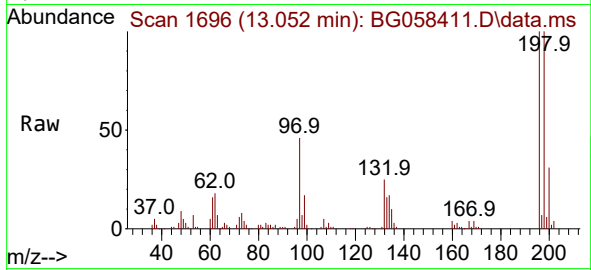
Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :



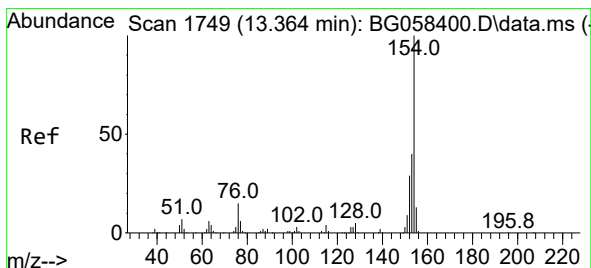
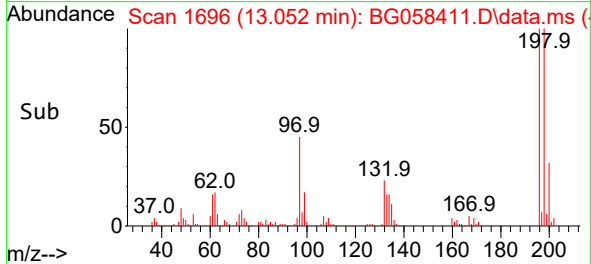
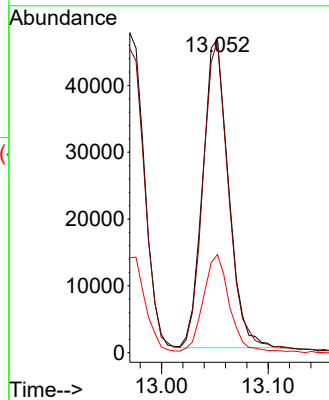
Tgt Ion:196 Resp: 77946

Ion Ratio Lower Upper

196 100

198 99.6 74.8 112.2

200 31.4 24.4 36.6



#43

1,1'-Biphenyl

Concen: 22.642 ng/ul

RT: 13.370 min Scan# 1750

Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

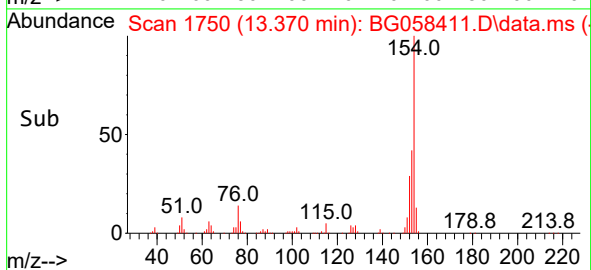
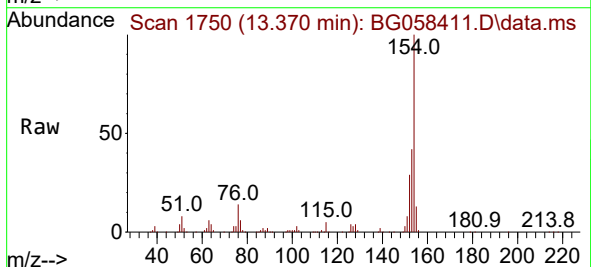
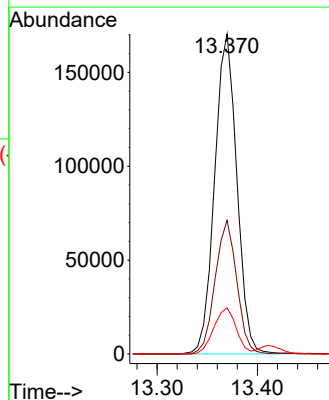
Tgt Ion:154 Resp: 261468

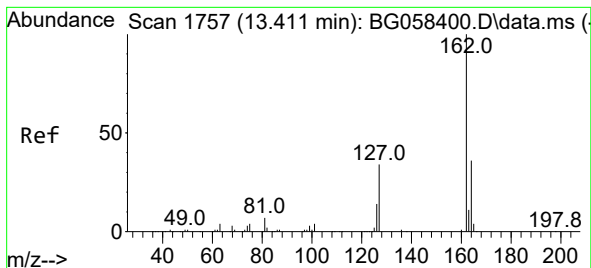
Ion Ratio Lower Upper

154 100

153 41.7 31.8 47.6

76 14.4 11.7 17.5





#44

2-Chloronaphthalene

Concen: 23.190 ng/ul

RT: 13.411 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

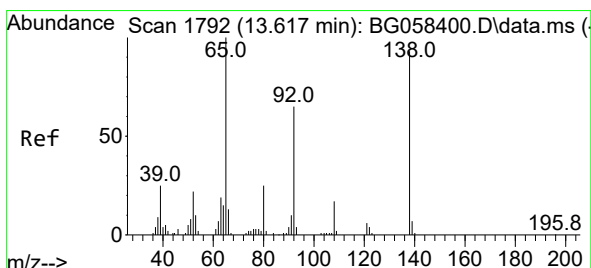
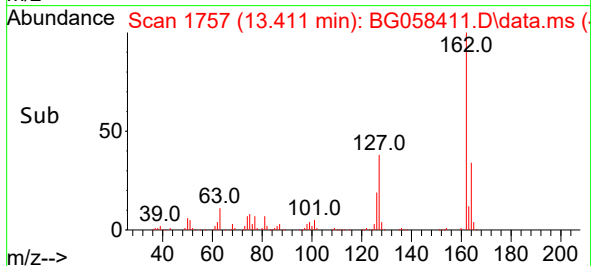
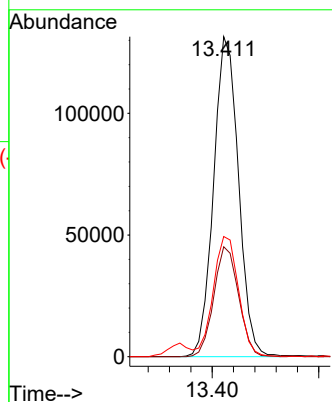
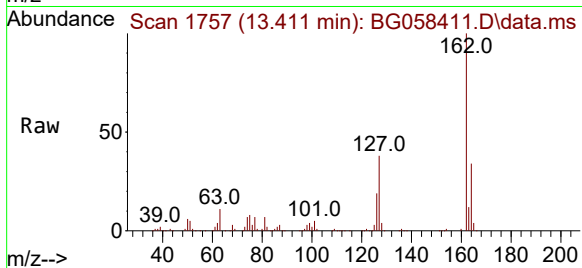
Tgt Ion:162 Resp: 212922

Ion Ratio Lower Upper

162 100

164 34.4 26.2 39.2

127 37.5 29.8 44.6



#45

2-Nitroaniline

Concen: 21.927 ng/ul

RT: 13.617 min Scan# 1792

Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

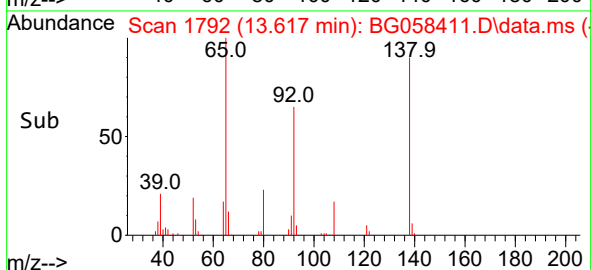
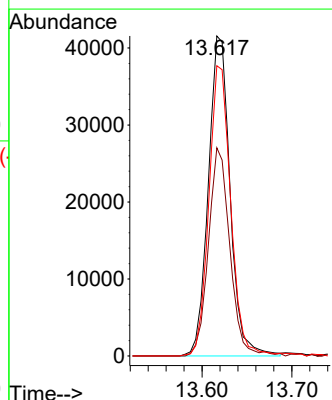
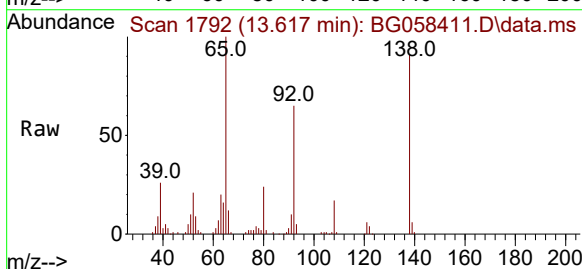
Tgt Ion: 65 Resp: 69932

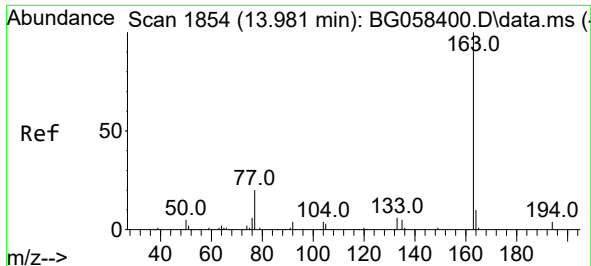
Ion Ratio Lower Upper

65 100

92 65.1 51.4 77.2

138 90.7 71.6 107.4

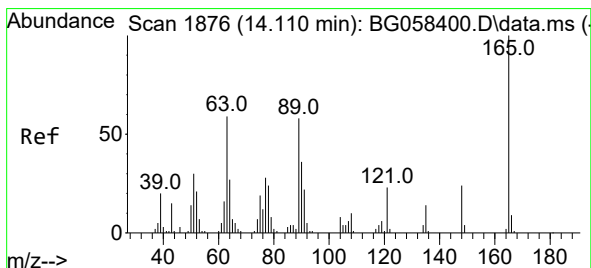
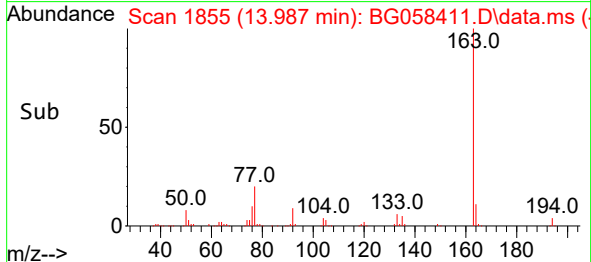
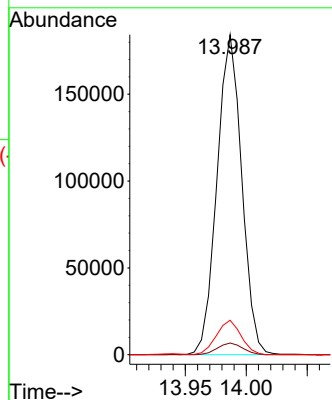
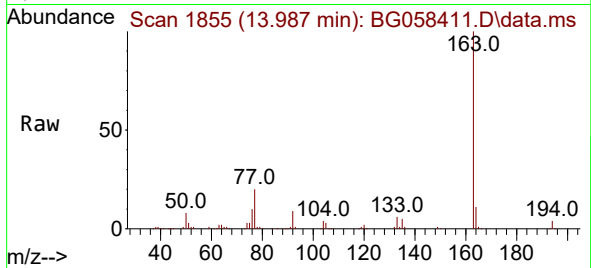




#47
Dimethylphthalate
Concen: 19.663 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

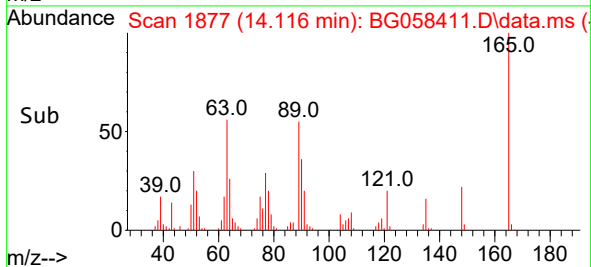
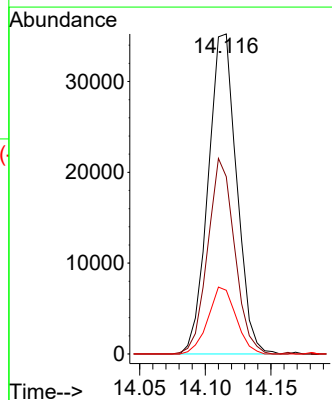
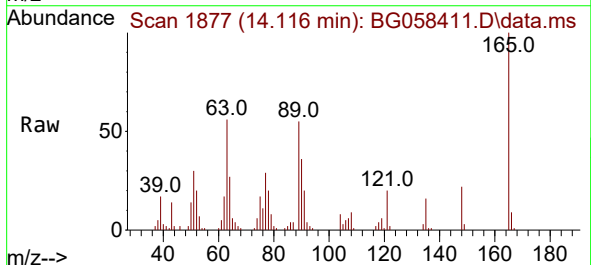
Instrument :
BNA_M
ClientSampleId :

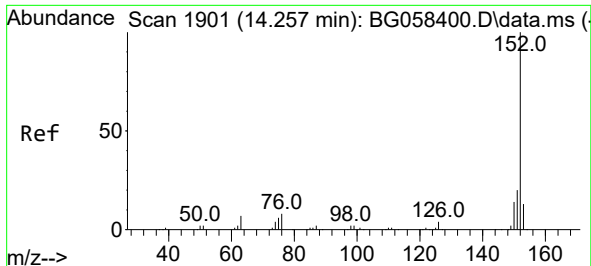
Tgt Ion:163 Resp: 260097
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.8 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 20.791 ng/ul
RT: 14.116 min Scan# 1877
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

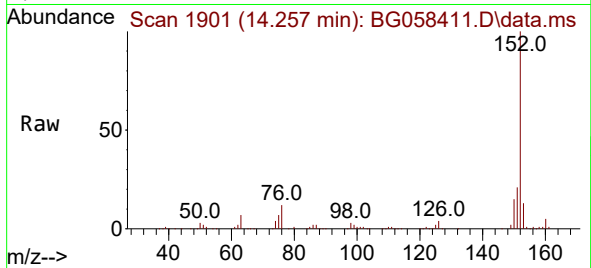
Tgt Ion:165 Resp: 53145
Ion Ratio Lower Upper
165 100
89 55.4 48.9 73.3
121 19.9 16.2 24.4



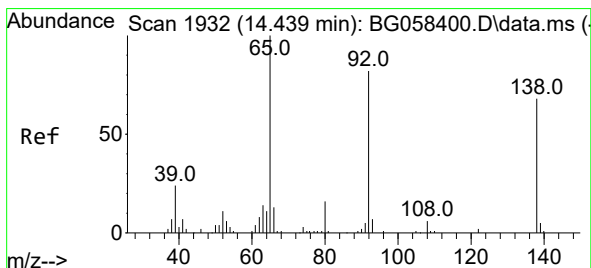
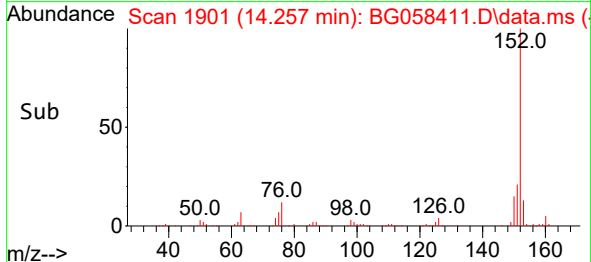
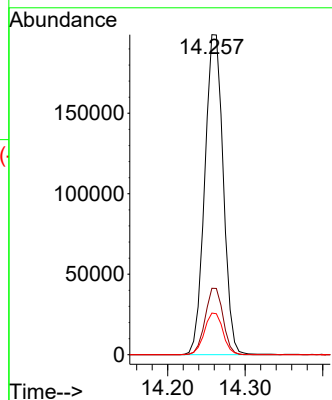


#50
Acenaphthylene
Concen: 22.053 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Instrument :
BNA_M
ClientSampleId :

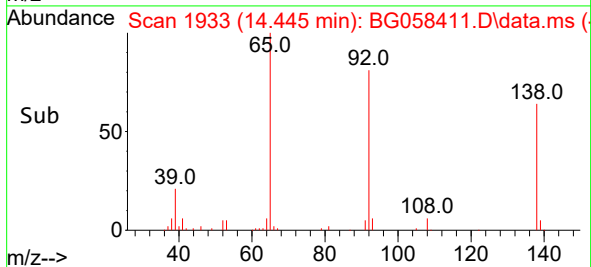
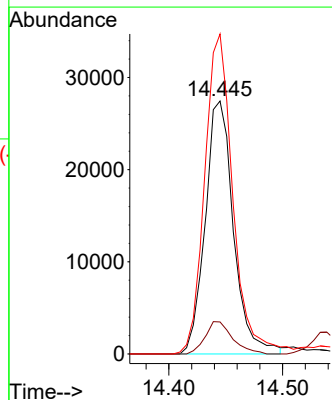
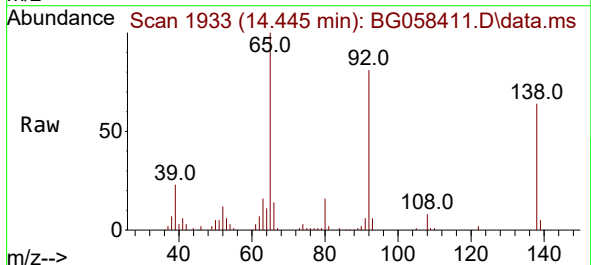


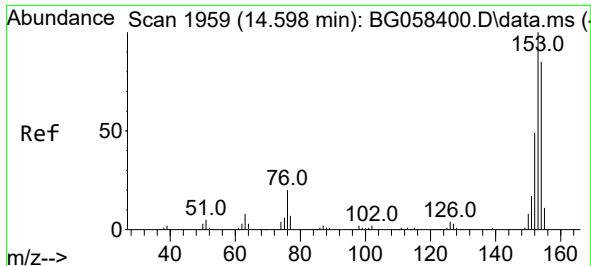
Tgt Ion:152 Resp: 328534
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 22.309 ng/ul
RT: 14.445 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:138 Resp: 47524
Ion Ratio Lower Upper
138 100
108 12.6 8.6 13.0
92 126.5 108.4 162.6

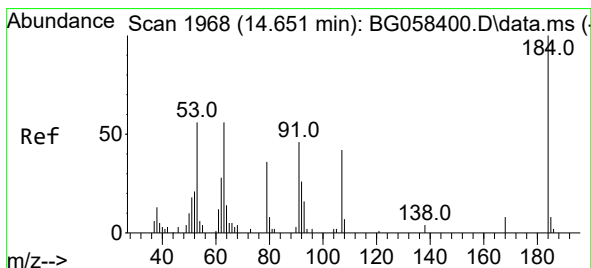
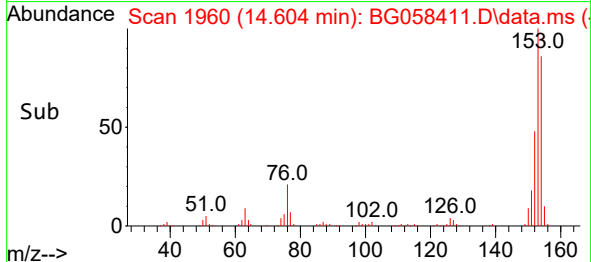
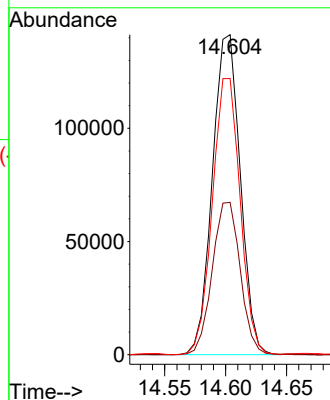
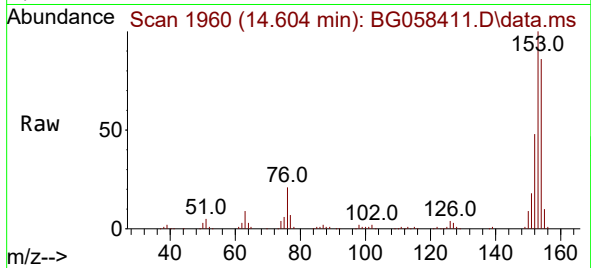




#52
Acenaphthene
Concen: 21.767 ng/ul
RT: 14.604 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

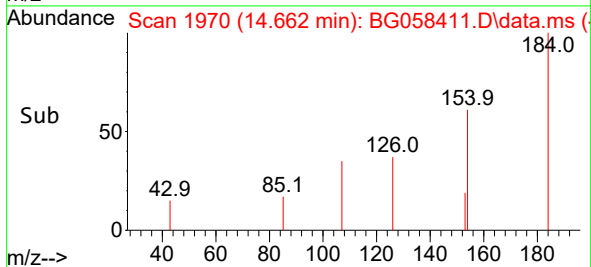
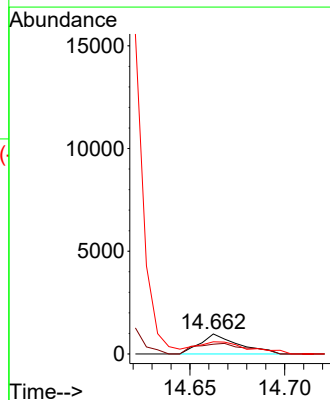
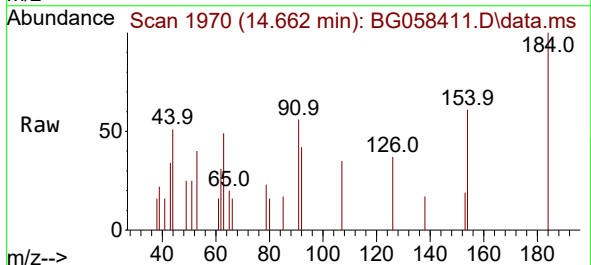
Instrument :
BNA_M
ClientSampleId :

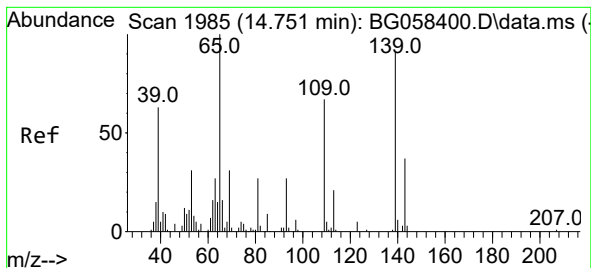
Tgt Ion:153 Resp: 225140
Ion Ratio Lower Upper
153 100
152 47.6 39.1 58.7
154 86.3 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 1.000 ng/ul
RT: 14.662 min Scan# 1970
Delta R.T. 0.013 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

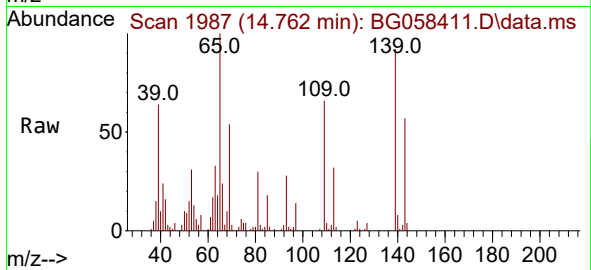
Tgt Ion:184 Resp: 1361
Ion Ratio Lower Upper
184 100
63 49.1 52.9 79.3#
154 60.6 47.8 71.8



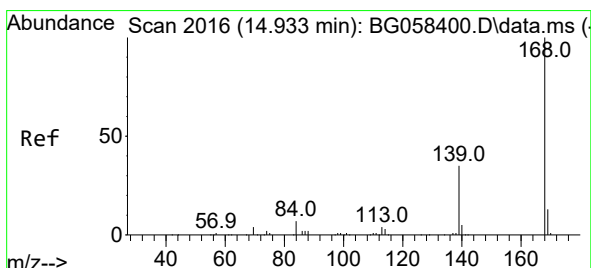
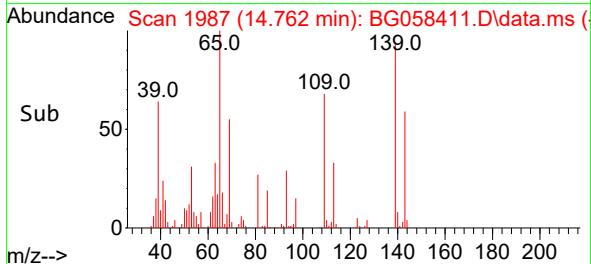
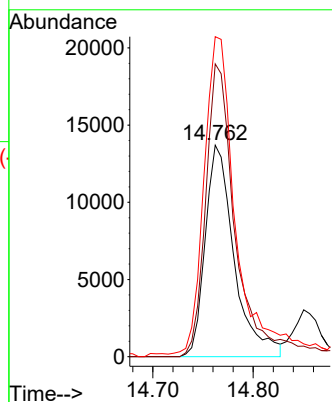


#55
4-Nitrophenol
Concen: 17.983 ng/ul
RT: 14.762 min Scan# 1987
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Instrument :
BNA_M
ClientSampleId :

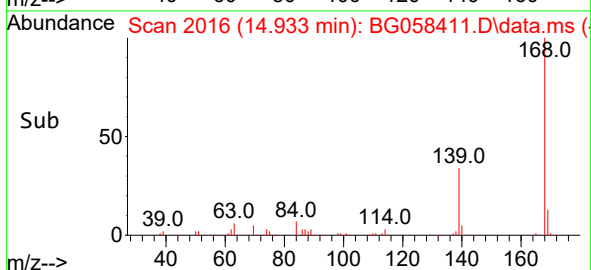
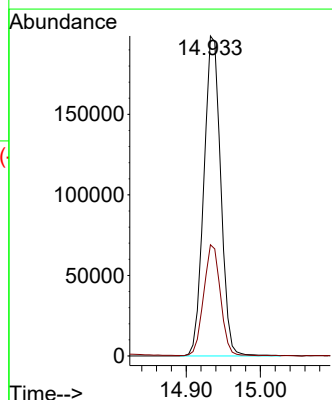
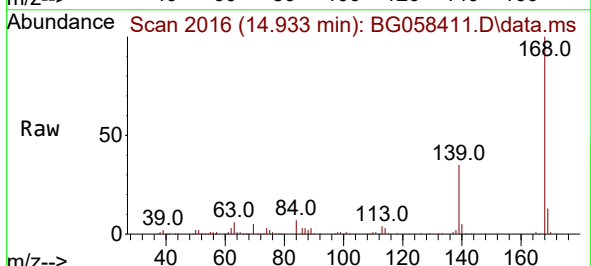


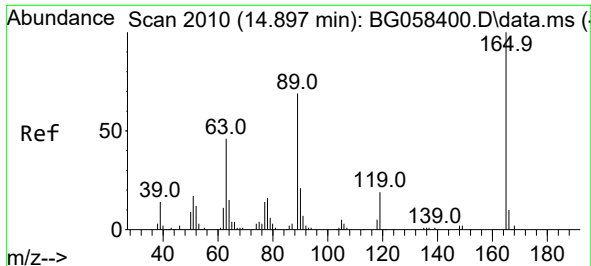
Tgt Ion	Ratio	Lower	Upper
109	100		
139	138.5	100.3	150.5
65	151.3	120.6	180.8



#56
Dibenzofuran
Concen: 21.313 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.8	41.8





#57

2,4-Dinitrotoluene

Concen: 19.338 ng/ul

RT: 14.903 min Scan# 2011

Delta R.T. 0.001 min

Lab File: BG058411.D

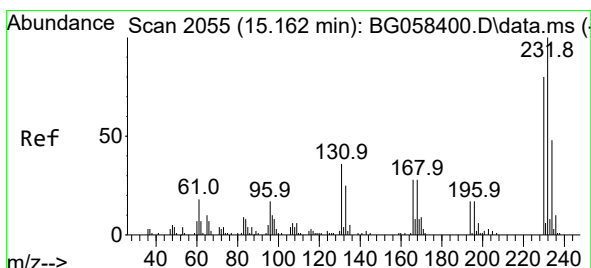
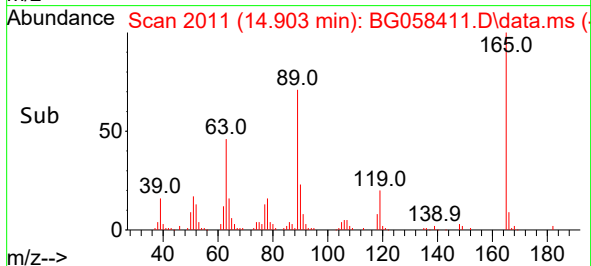
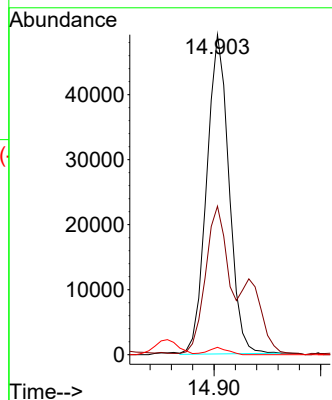
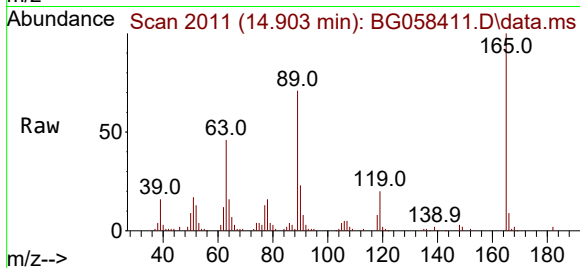
Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:165 Resp: 71296
 Ion Ratio Lower Upper
 165 100
 63 46.4 33.8 50.6
 182 2.3 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.591 ng/ul

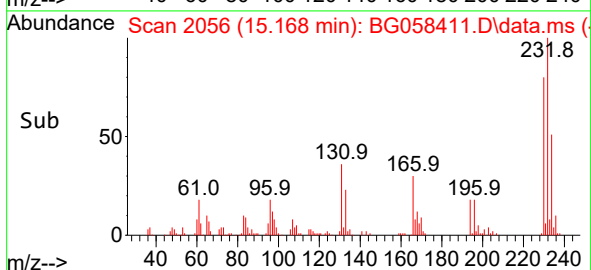
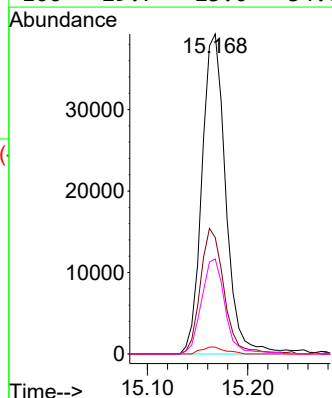
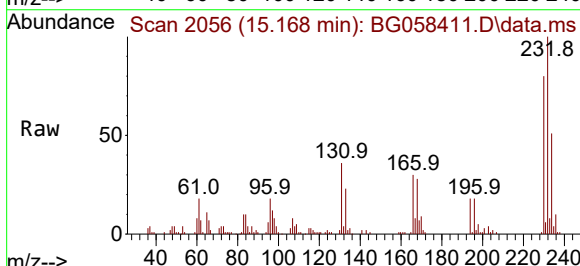
RT: 15.168 min Scan# 2056

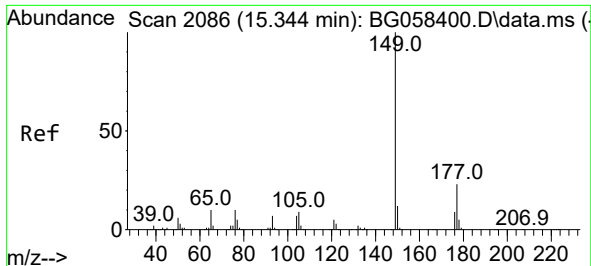
Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

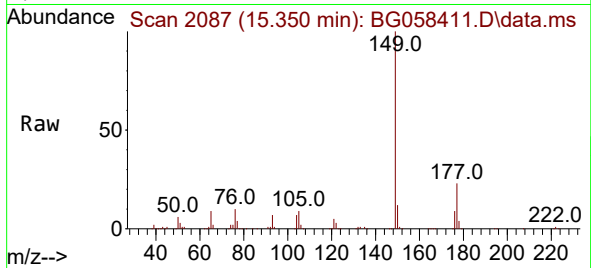
Tgt Ion:232 Resp: 64593
 Ion Ratio Lower Upper
 232 100
 131 36.4 29.0 43.6
 130 2.1 1.1 1.7#
 166 29.7 23.0 34.6



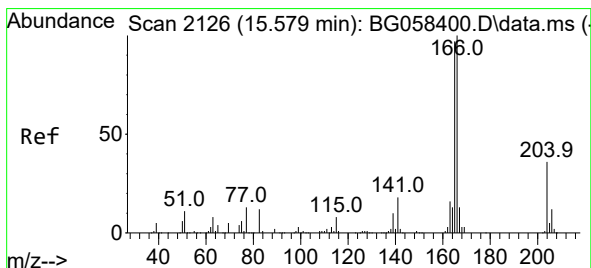
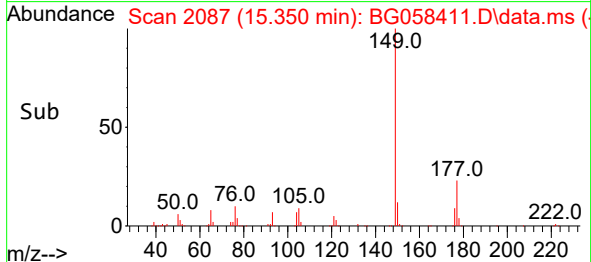
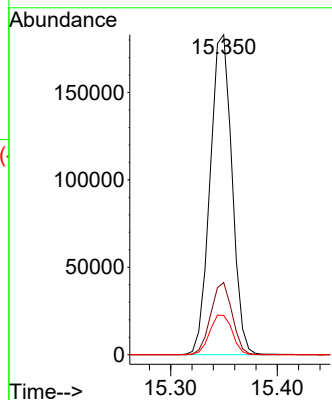


#59
Diethylphthalate
Concen: 19.204 ng/ul
RT: 15.350 min Scan# 2087
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Instrument :
BNA_M
ClientSampleId :

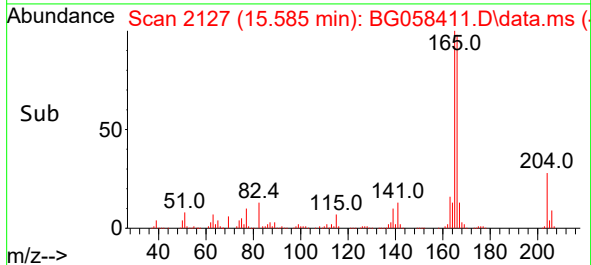
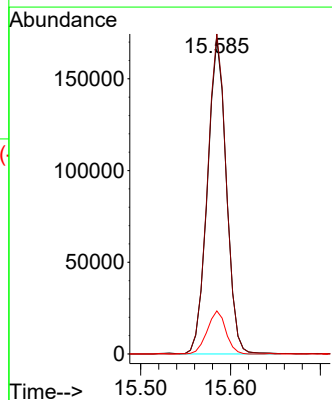
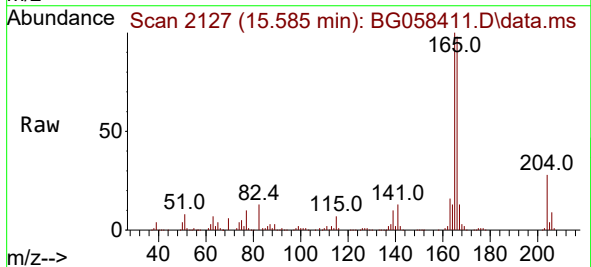


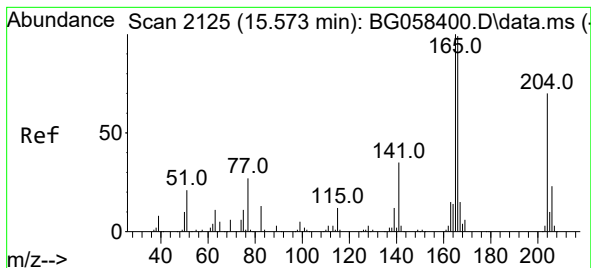
Tgt Ion:149 Resp: 261695
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.3 10.0 15.0



#61
Fluorene
Concen: 20.761 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:166 Resp: 250743
Ion Ratio Lower Upper
166 100
165 101.6 80.2 120.2
167 13.7 10.5 15.7

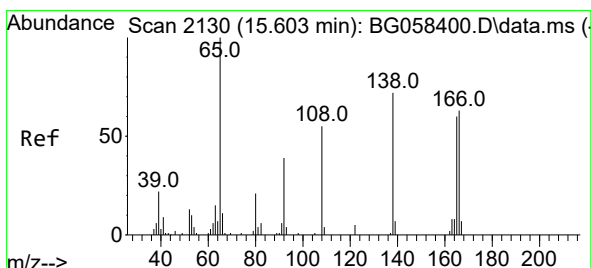
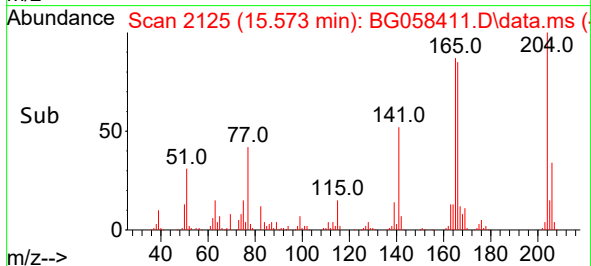
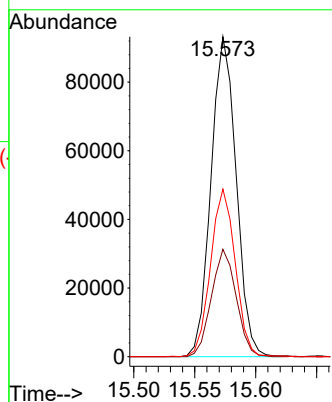
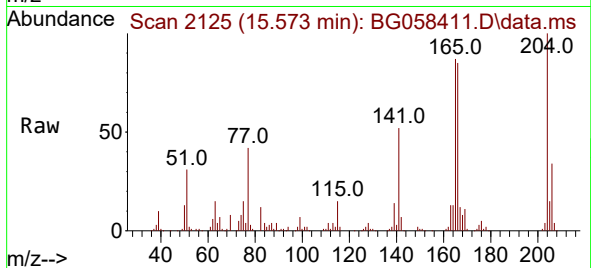




#62
4-Chlorophenyl-phenylether
Concen: 20.895 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

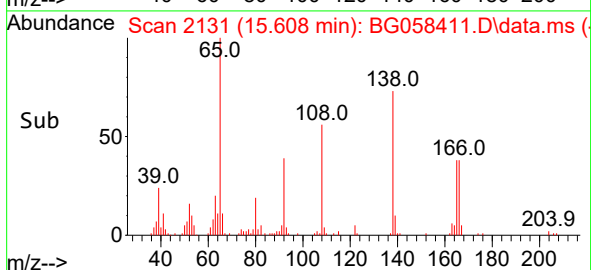
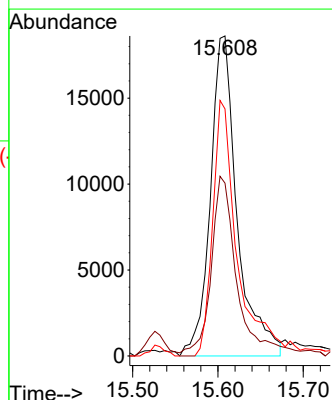
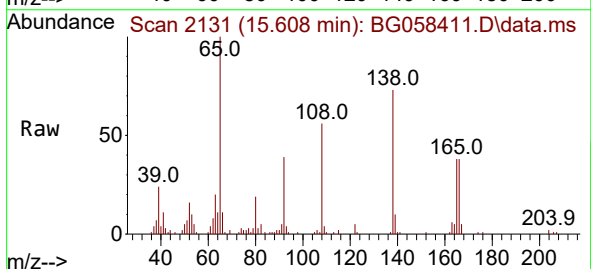
Instrument :
BNA_M
ClientSampleId :

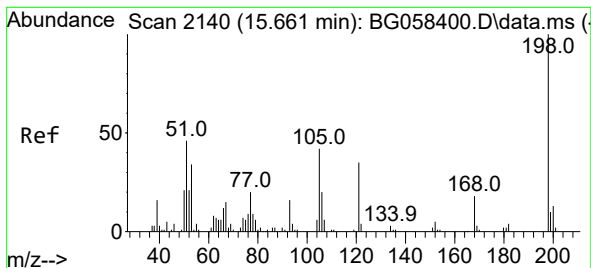
Tgt Ion:204 Resp: 133970
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 52.3 42.2 63.2



#63
4-Nitroaniline
Concen: 21.206 ng/ul
RT: 15.608 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:138 Resp: 40875
Ion Ratio Lower Upper
138 100
92 54.0 45.0 67.4
108 77.2 60.8 91.2

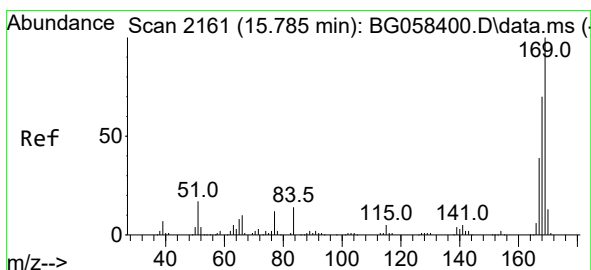
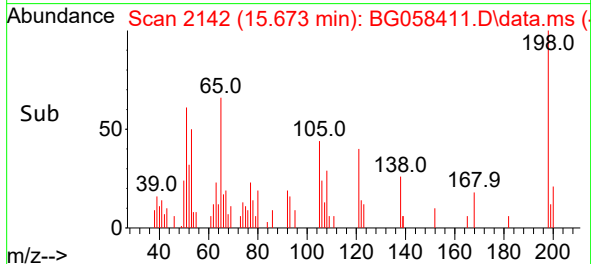
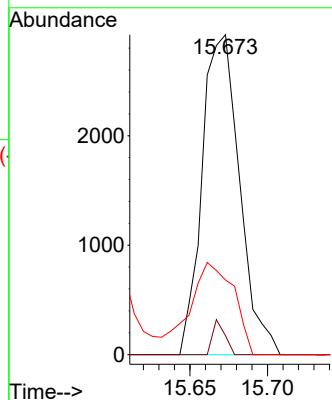
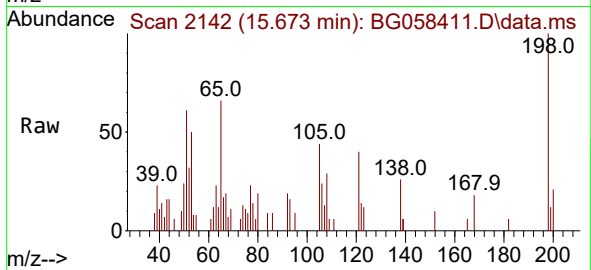




#66
4,6-Dinitro-2-methylphenol
Concen: 2.612 ng/ul
RT: 15.673 min Scan# 2142
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

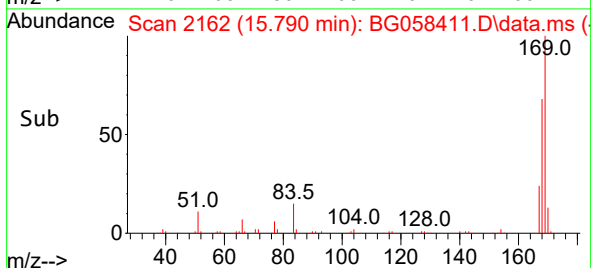
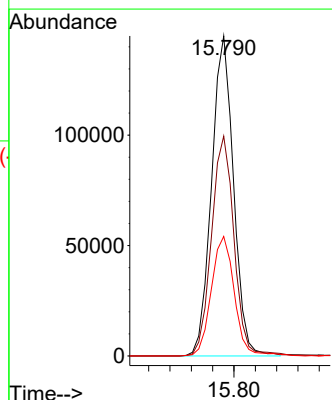
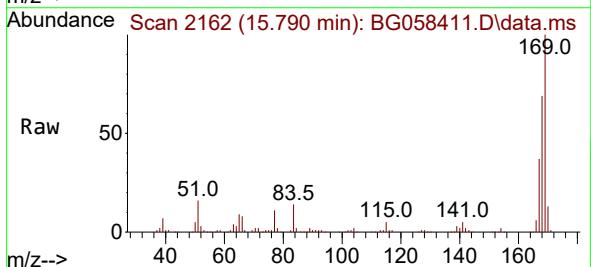
Instrument :
BNA_M
ClientSampleId :

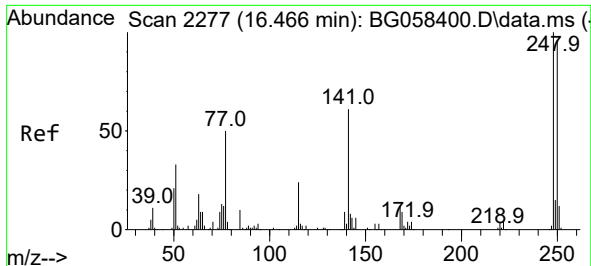
Tgt Ion:198 Resp: 4908
Ion Ratio Lower Upper
198 100
182 6.0 3.4 5.2#
77 23.3 18.4 27.6



#67
N-Nitrosodiphenylamine
Concen: 23.302 ng/ul
RT: 15.790 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:169 Resp: 207027
Ion Ratio Lower Upper
169 100
168 68.7 55.7 83.5
167 37.3 31.2 46.8

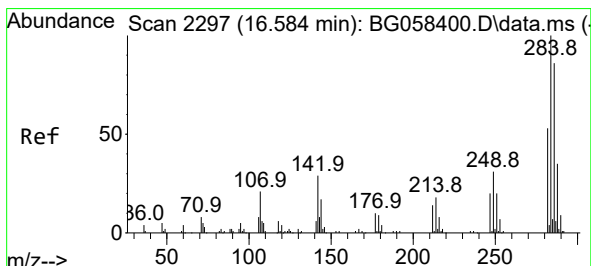
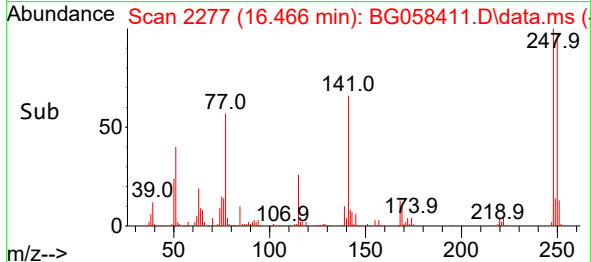
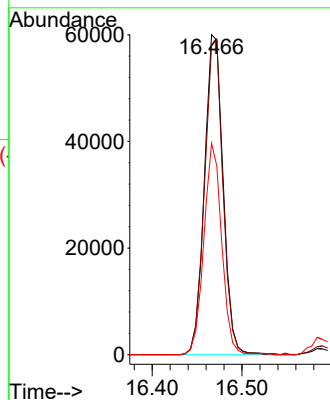
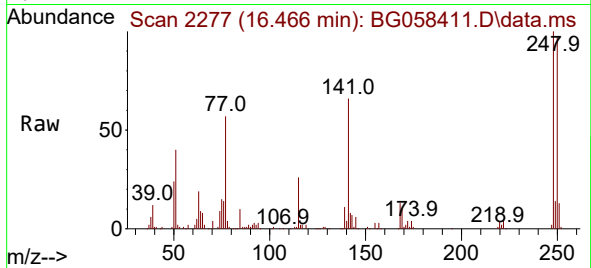




#68
 4-Bromophenyl-phenylether
 Concen: 22.834 ng/ul
 RT: 16.466 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

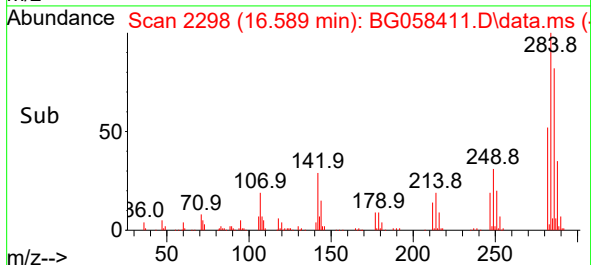
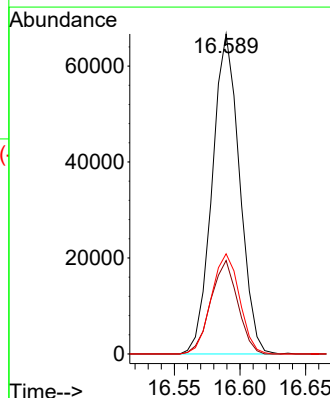
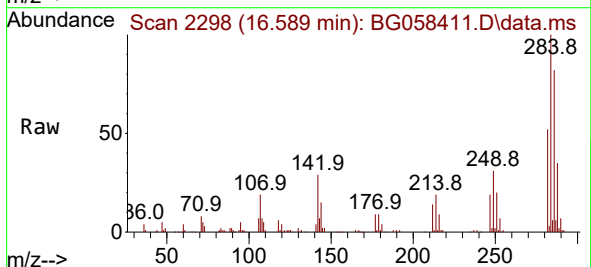
Instrument :
 BNA_M
 ClientSampleId :

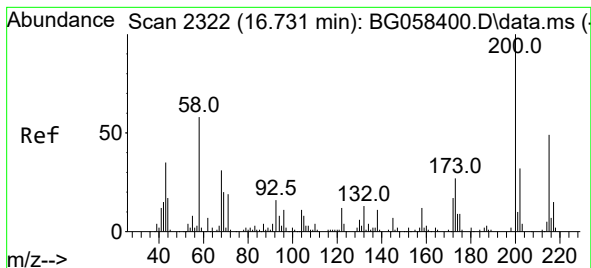
Tgt Ion:248 Resp: 86685
 Ion Ratio Lower Upper
 248 100
 250 96.8 73.8 110.6
 141 66.1 48.2 72.2



#69
 Hexachlorobenzene
 Concen: 22.569 ng/ul
 RT: 16.589 min Scan# 2298
 Delta R.T. 0.001 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

Tgt Ion:284 Resp: 96678
 Ion Ratio Lower Upper
 284 100
 142 29.2 20.5 30.7
 249 31.3 25.2 37.8





#70

Atrazine

Concen: 22.292 ng/ul

RT: 16.736 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

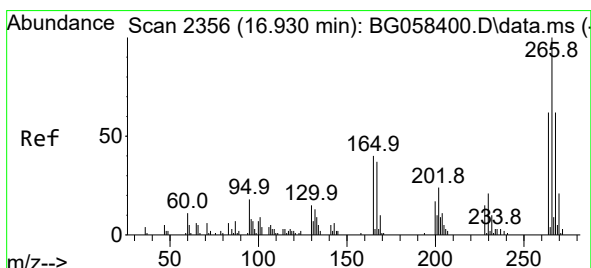
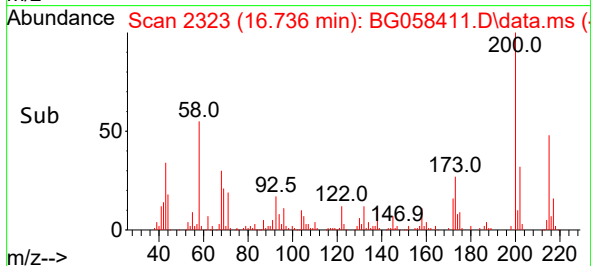
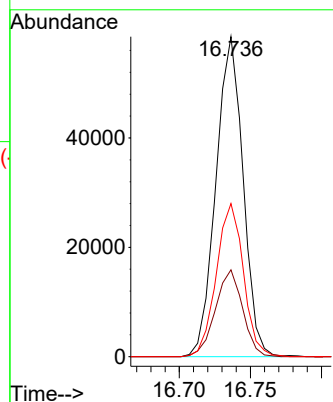
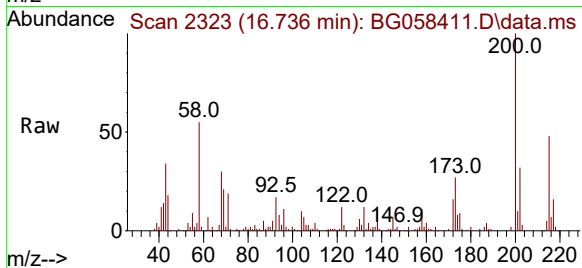
Tgt Ion:200 Resp: 77652

Ion Ratio Lower Upper

200 100

173 27.1 19.8 29.8

215 47.9 36.2 54.4



#71

Pentachlorophenol

Concen: 18.912 ng/ul

RT: 16.936 min Scan# 2357

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

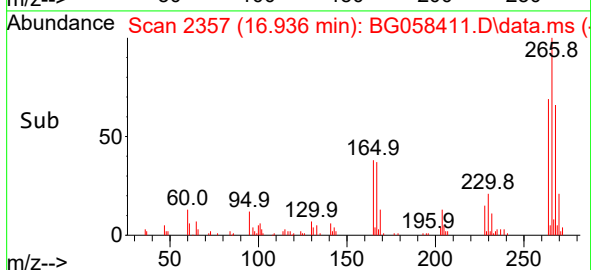
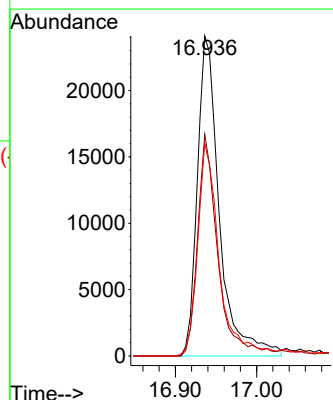
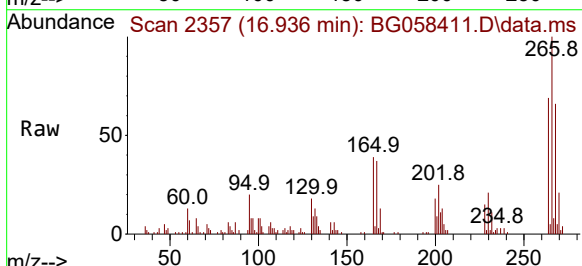
Tgt Ion:266 Resp: 45475

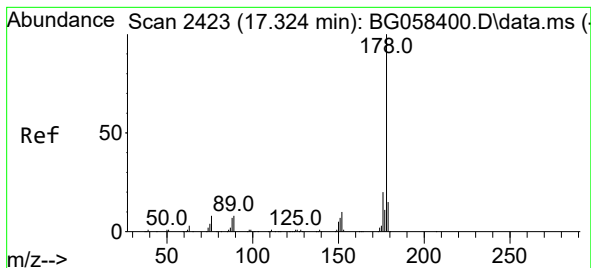
Ion Ratio Lower Upper

266 100

264 69.3 46.6 70.0

268 66.4 47.6 71.4





#72

Phenanthrene

Concen: 22.146 ng/ul

RT: 17.324 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

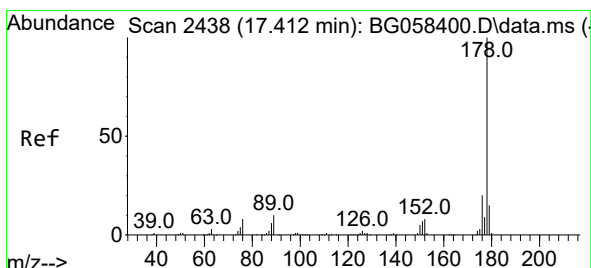
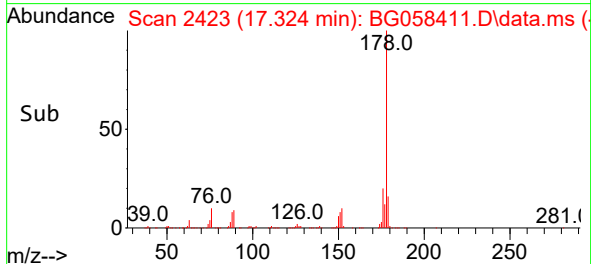
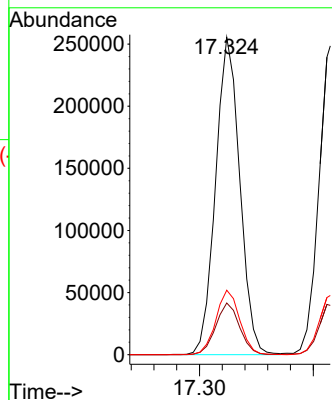
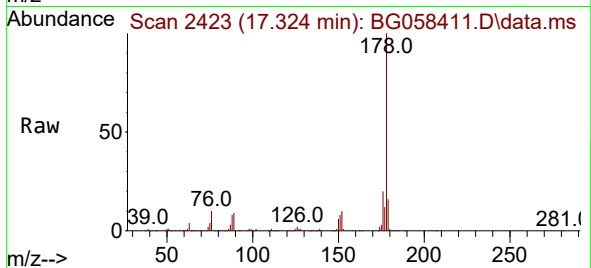
Tgt Ion:178 Resp: 377204

Ion Ratio Lower Upper

178 100

179 16.3 11.9 17.9

176 20.3 15.8 23.8



#74

Anthracene

Concen: 22.379 ng/ul

RT: 17.418 min Scan# 2439

Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

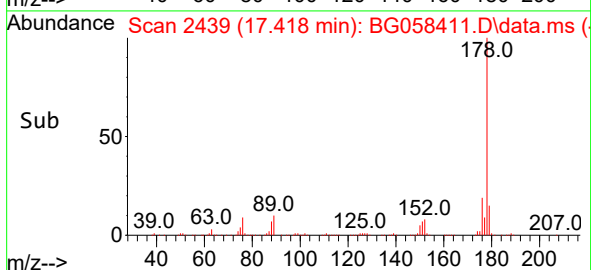
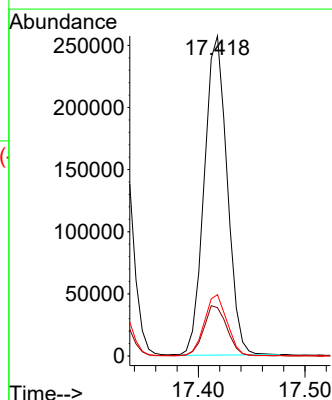
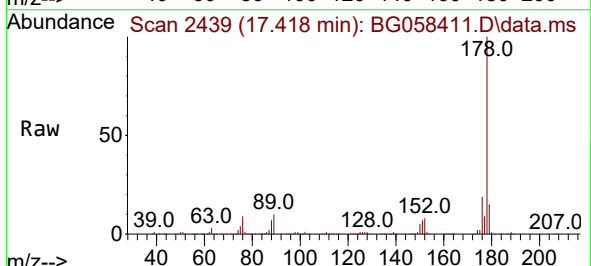
Tgt Ion:178 Resp: 382671

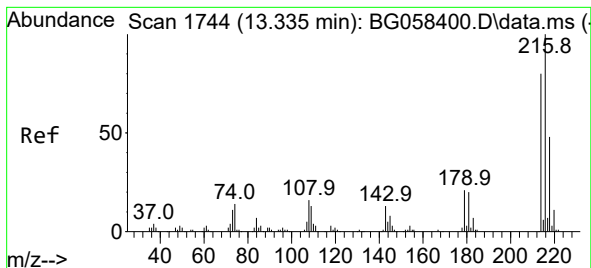
Ion Ratio Lower Upper

178 100

179 15.1 13.4 20.2

176 19.1 16.2 24.2

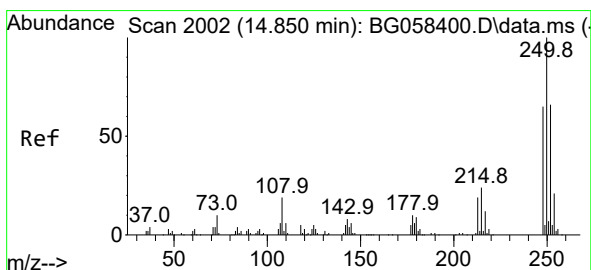
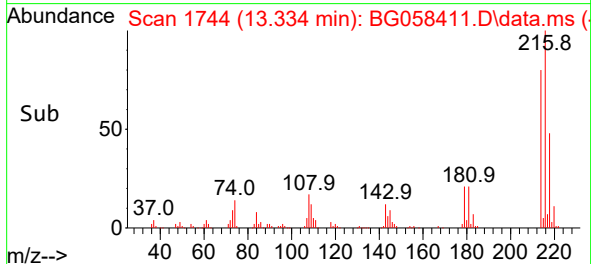
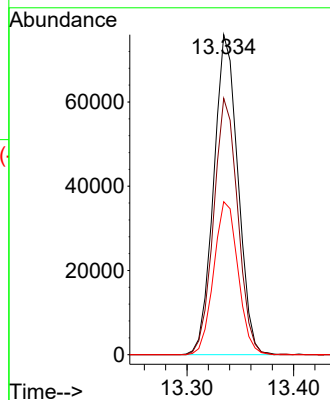
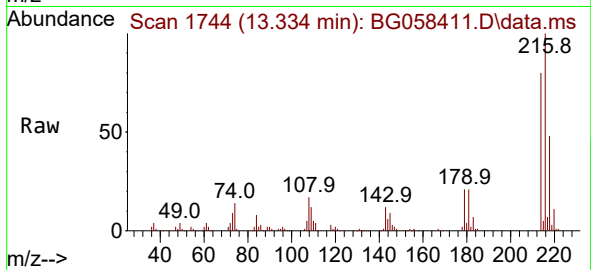




#75
1,2,3,4-Tetrachlorobenzene
Concen: 26.716 ng/uL
RT: 13.334 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

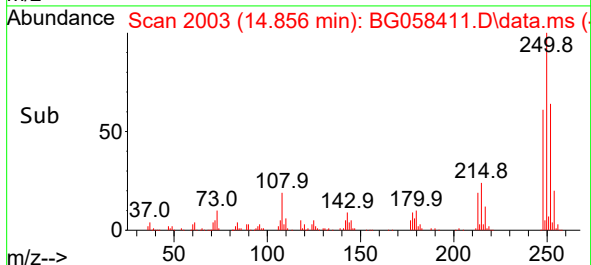
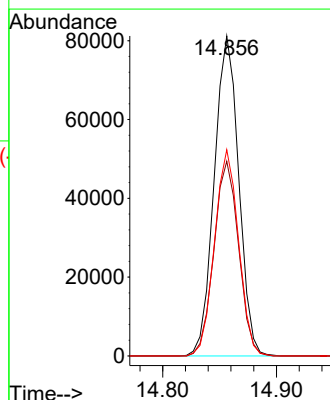
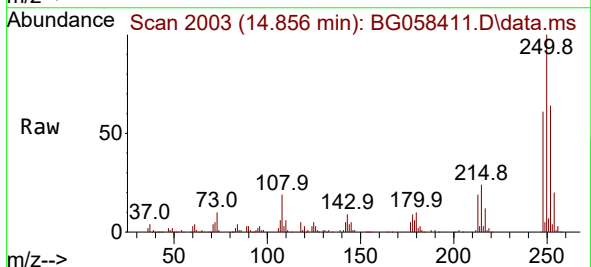
Instrument :
BNA_M
ClientSampleId :

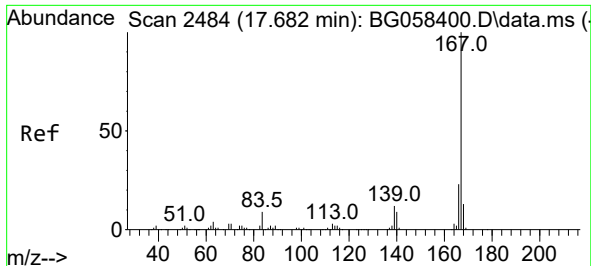
Tgt Ion:216 Resp: 120110
Ion Ratio Lower Upper
216 100
214 80.1 62.2 93.4
218 47.8 40.9 61.3



#76
Pentachlorobenzene
Concen: 24.734 ng/uL
RT: 14.856 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

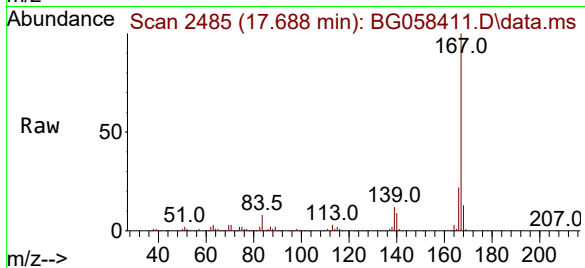
Tgt Ion:250 Resp: 121601
Ion Ratio Lower Upper
250 100
248 60.9 51.6 77.4
252 64.5 54.4 81.6



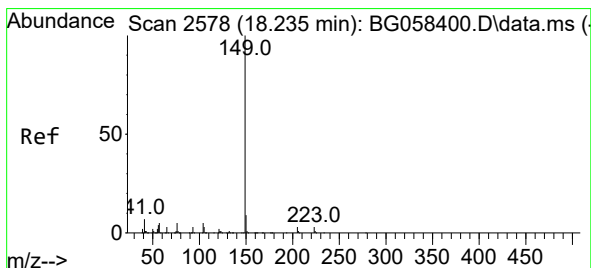
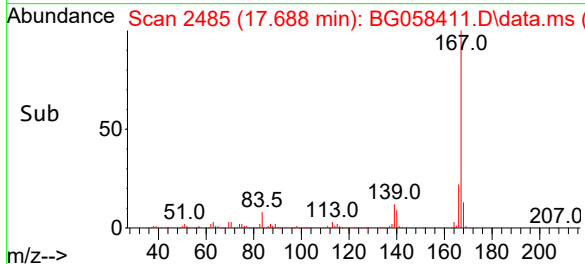
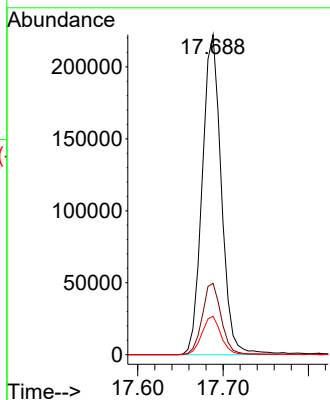


#77
 Carbazole
 Concen: 23.318 ng/ul
 RT: 17.688 min Scan# 2485
 Delta R.T. 0.007 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

Instrument :
 BNA_M
 ClientSampleId :

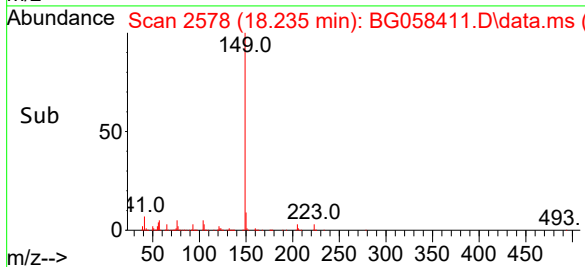
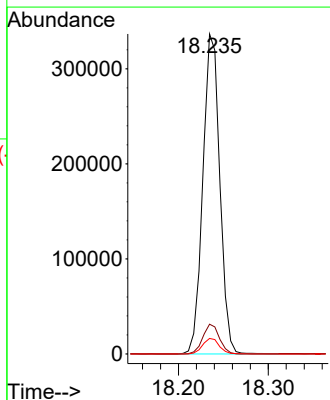
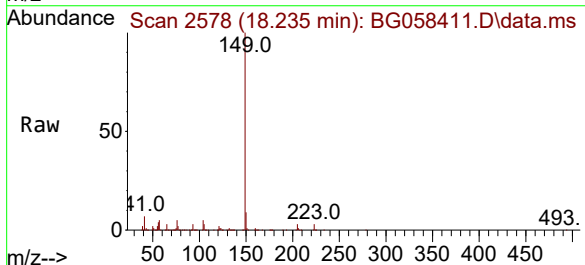


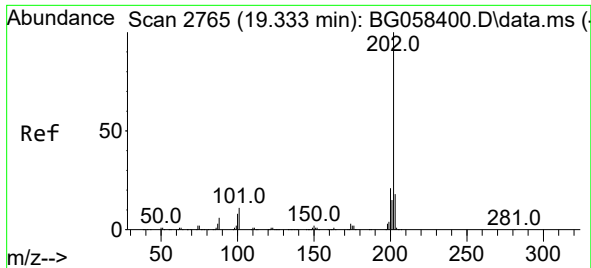
Tgt Ion:167 Resp: 345637
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 12.0 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 23.387 ng/ul
 RT: 18.235 min Scan# 2578
 Delta R.T. -0.005 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

Tgt Ion:149 Resp: 440487
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.9 3.9 5.9

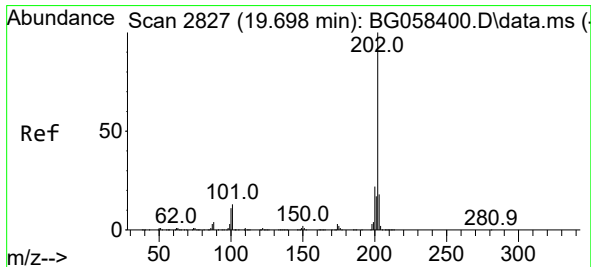
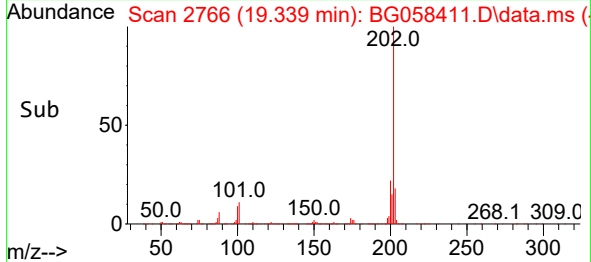
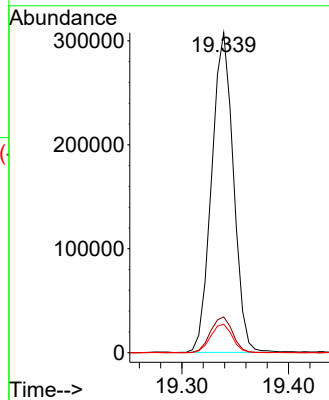
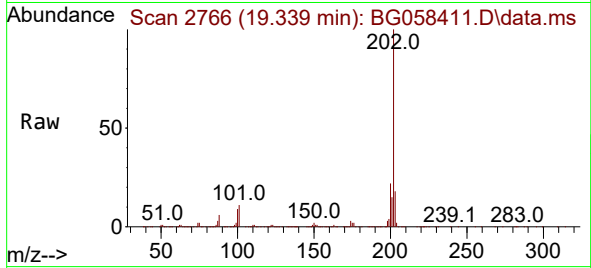




#80
Fluoranthene
Concen: 22.131 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

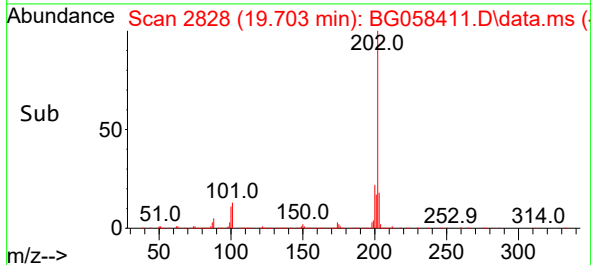
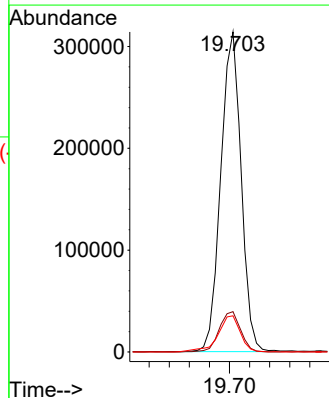
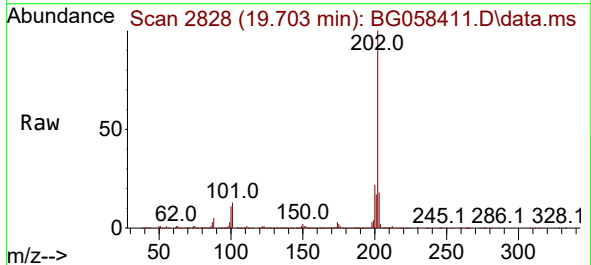
Instrument :
BNA_M
ClientSampleId :

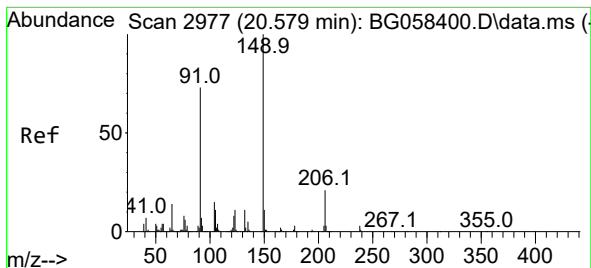
Tgt Ion:202 Resp: 436649
Ion Ratio Lower Upper
202 100
101 11.2 8.6 12.8
100 8.9 7.2 10.8



#82
Pyrene
Concen: 22.109 ng/ul
RT: 19.703 min Scan# 2828
Delta R.T. 0.007 min
Lab File: BG058411.D
Acq: 22 Jul 2023 22:18

Tgt Ion:202 Resp: 441981
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
100 11.3 8.9 13.3





#83

Butylbenzylphthalate

Concen: 23.749 ng/ul

RT: 20.585 min Scan# 2977

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

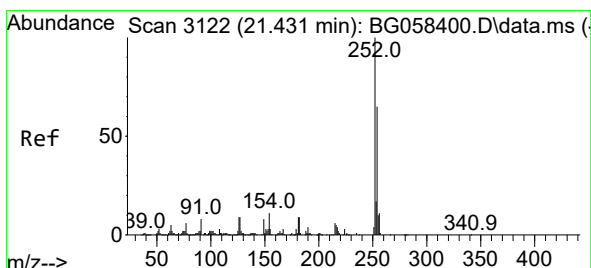
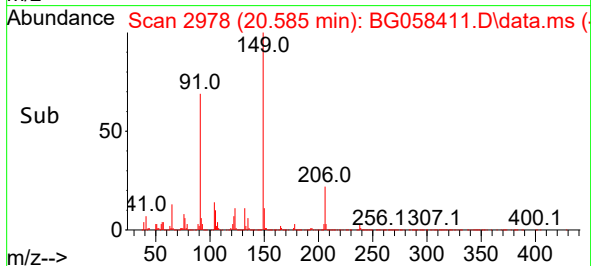
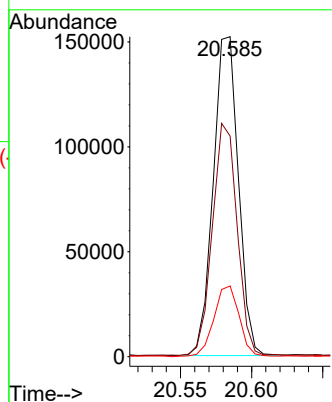
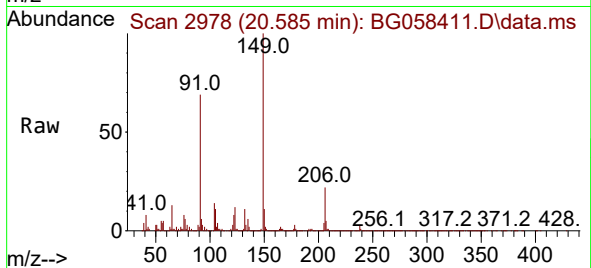
Tgt Ion:149 Resp: 186947

Ion Ratio Lower Upper

149 100

91 69.0 59.9 89.9

206 22.1 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 22.553 ng/ul

RT: 21.437 min Scan# 3123

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

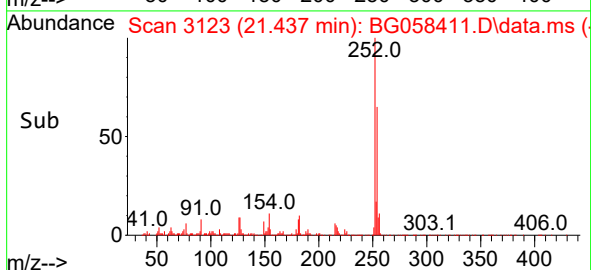
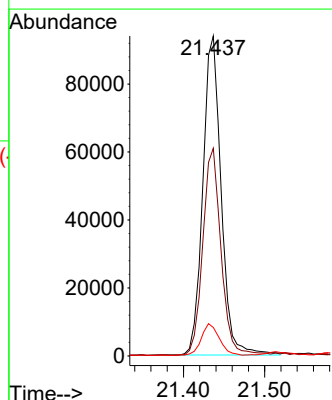
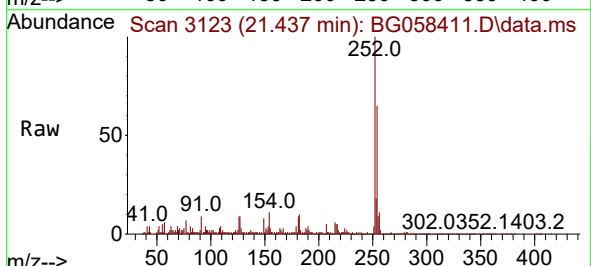
Tgt Ion:252 Resp: 146802

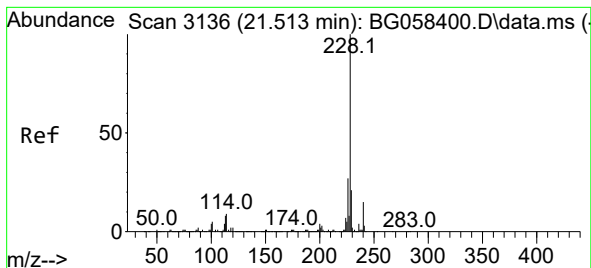
Ion Ratio Lower Upper

252 100

254 64.9 50.5 75.7

126 8.9 6.5 9.7





#85

Benzo(a)anthracene

Concen: 21.970 ng/ul

RT: 21.519 min Scan# 3136

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

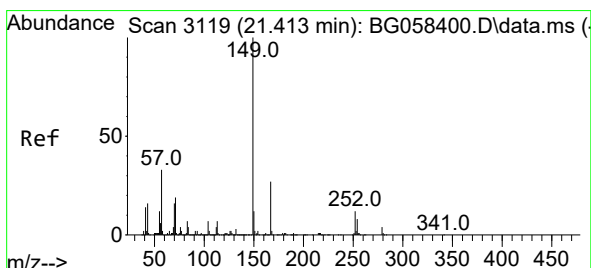
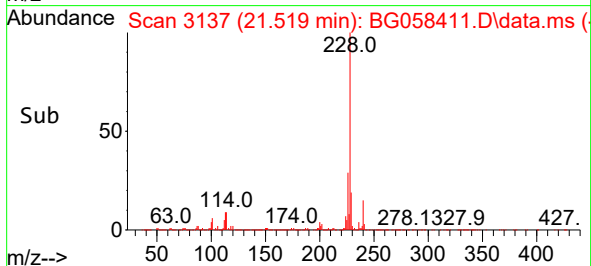
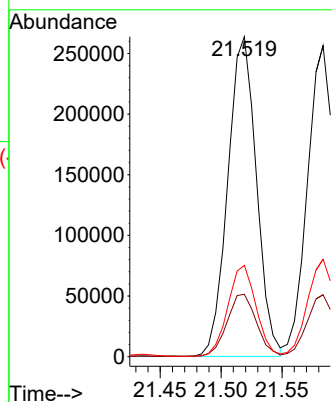
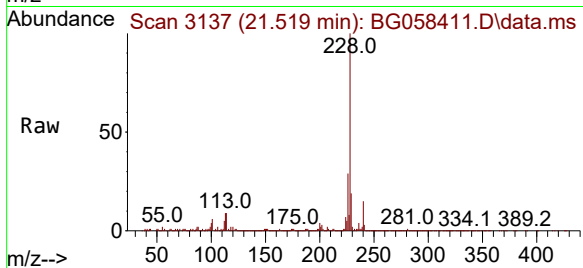
Tgt Ion:228 Resp: 430598

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 28.6 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.542 ng/ul

RT: 21.413 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

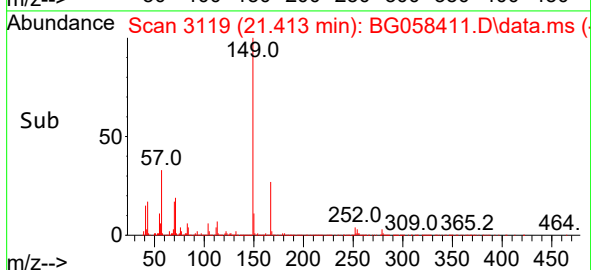
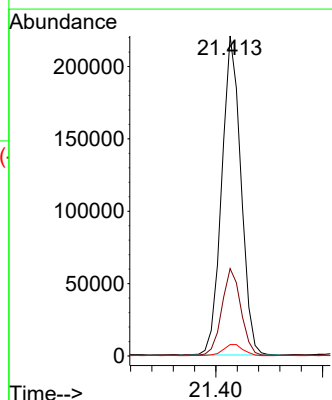
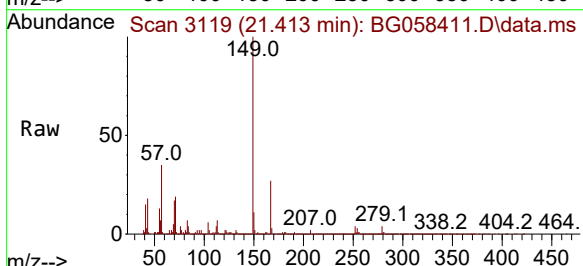
Tgt Ion:149 Resp: 274788

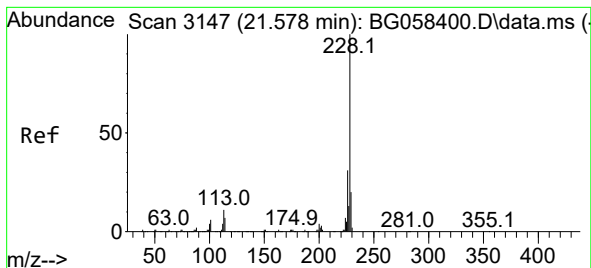
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 3.6 3.0 4.4





#87

Chrysene

Concen: 21.801 ng/ul

RT: 21.584 min Scan# 3147

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

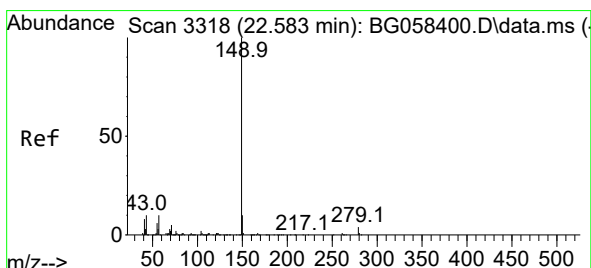
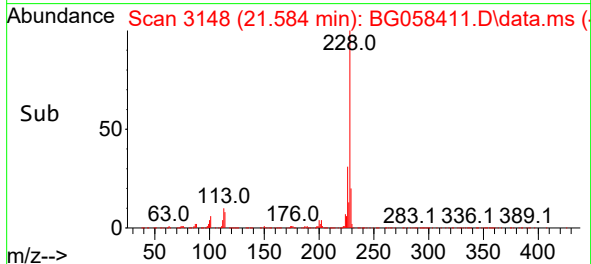
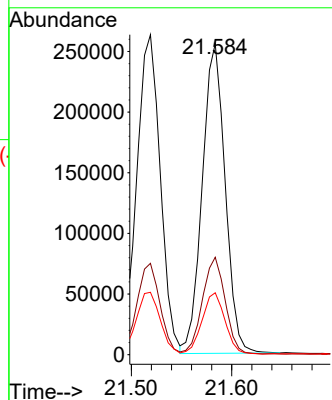
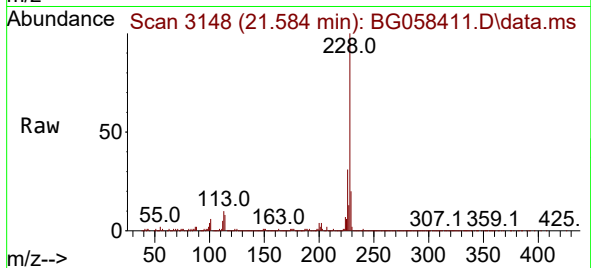
Tgt Ion:228 Resp: 405286

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

229 19.9 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 24.534 ng/ul

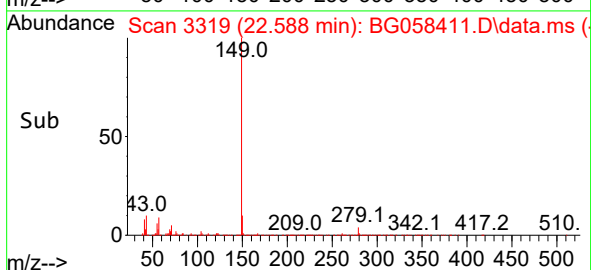
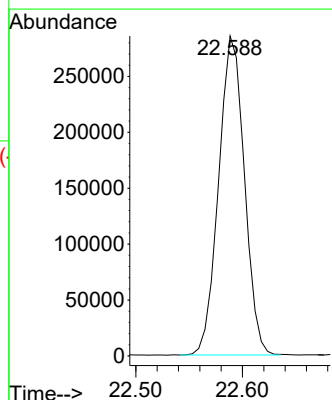
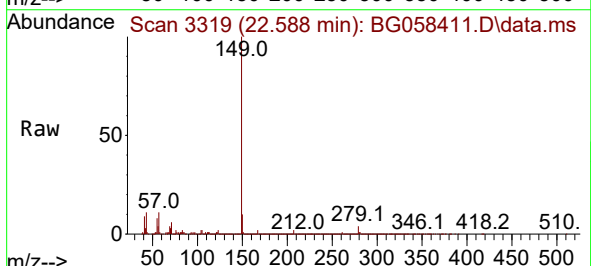
RT: 22.588 min Scan# 3319

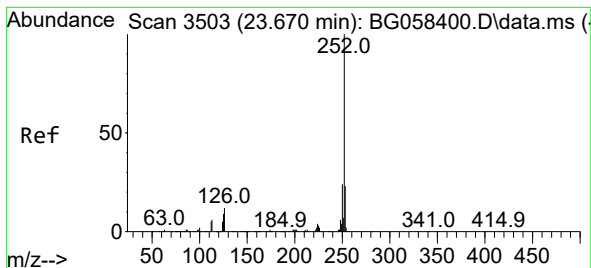
Delta R.T. 0.001 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Tgt Ion:149 Resp: 478311





#90

Benzo(b)fluoranthene

Concen: 20.981 ng/ul

RT: 23.681 min Scan# 3505

Delta R.T. 0.013 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

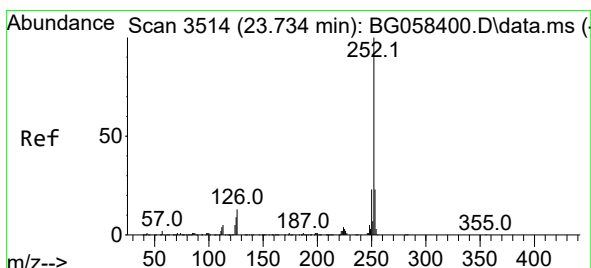
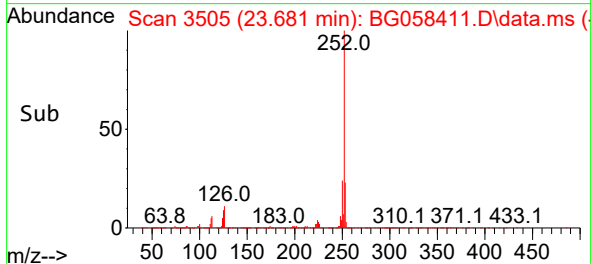
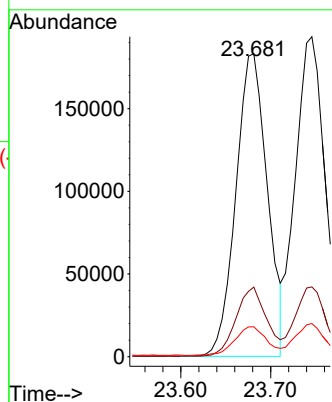
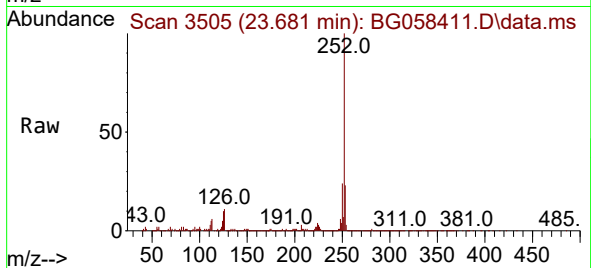
Tgt Ion:252 Resp: 444800

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 9.9 6.7 10.1



#91

Benzo(k)fluoranthene

Concen: 21.156 ng/ul

RT: 23.746 min Scan# 3516

Delta R.T. 0.013 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

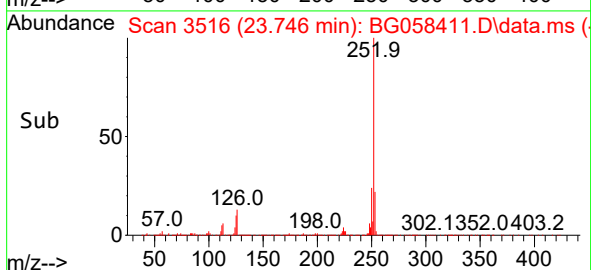
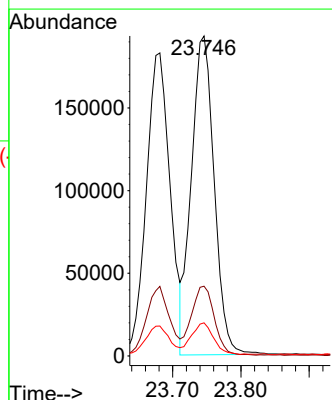
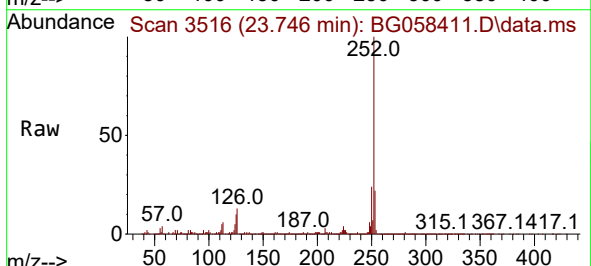
Tgt Ion:252 Resp: 447320

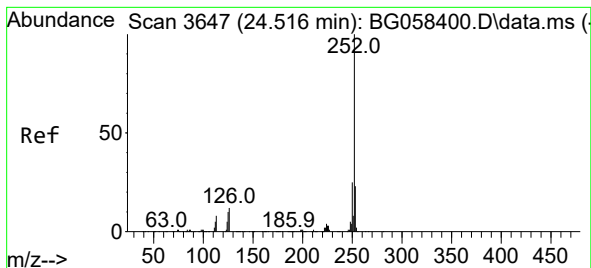
Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

125 10.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 21.150 ng/ul

RT: 24.527 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

Instrument :

BNA_M

ClientSampleId :

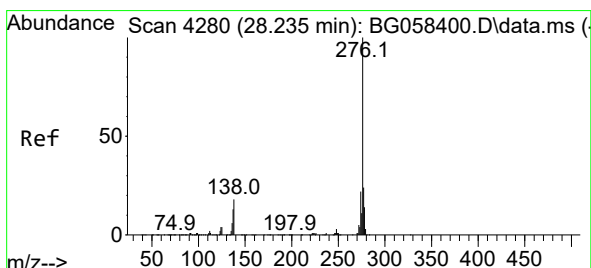
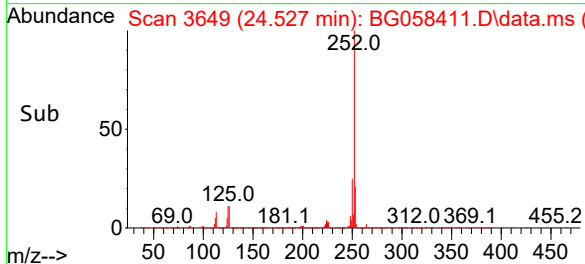
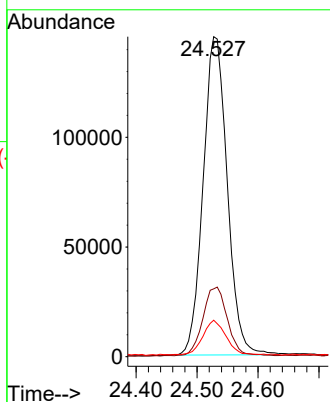
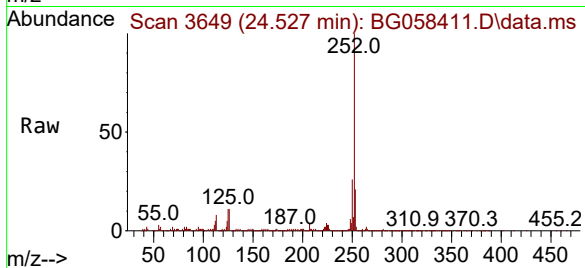
Tgt Ion:252 Resp: 398819

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 11.4 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.183 ng/ul

RT: 28.252 min Scan# 4283

Delta R.T. 0.024 min

Lab File: BG058411.D

Acq: 22 Jul 2023 22:18

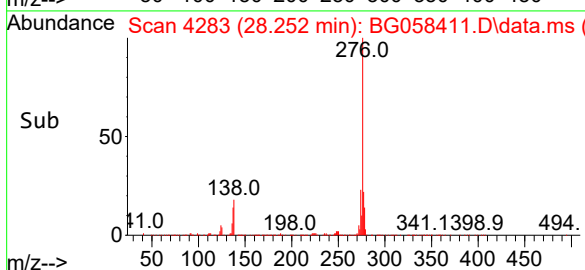
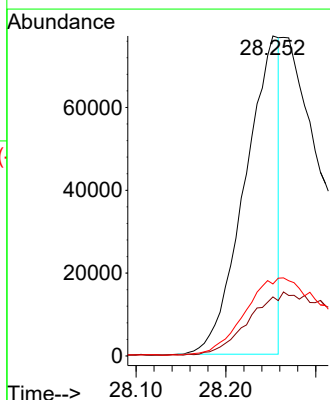
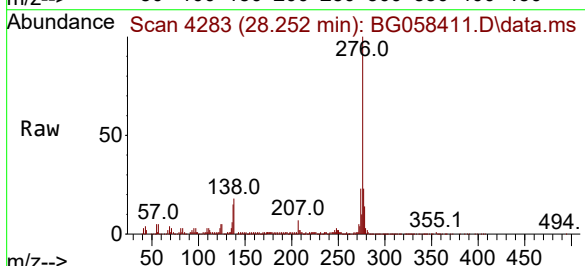
Tgt Ion:276 Resp: 203289

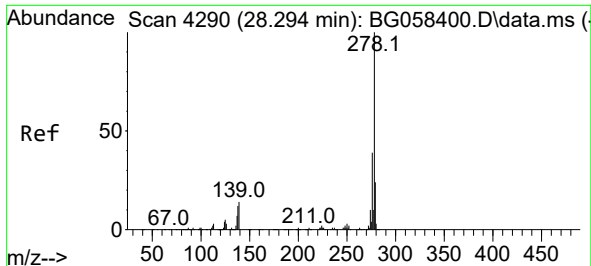
Ion Ratio Lower Upper

276 100

138 18.5 13.8 20.6

277 22.5 19.2 28.8

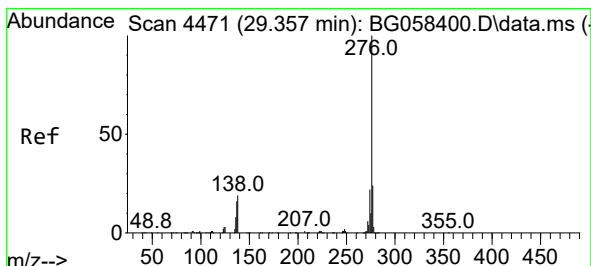
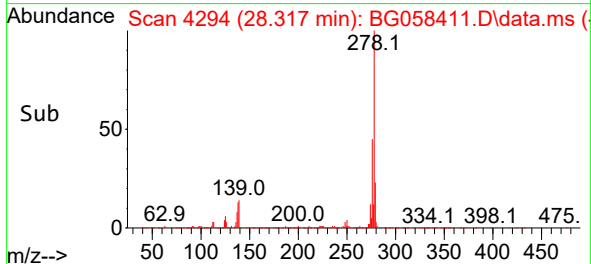
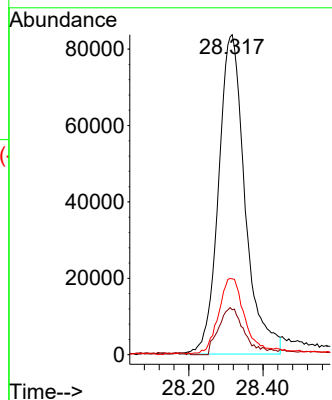
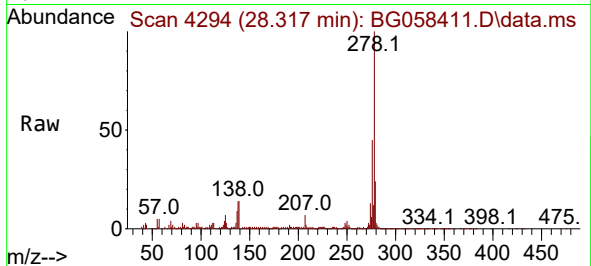




#95
 Dibenzo(a,h)anthracene
 Concen: 20.357 ng/ul
 RT: 28.317 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 414715
 Ion Ratio Lower Upper
 278 100
 139 14.0 10.4 15.6
 279 23.7 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 9.228 ng/ul
 RT: 29.375 min Scan# 4474
 Delta R.T. 0.024 min
 Lab File: BG058411.D
 Acq: 22 Jul 2023 22:18

Tgt Ion:276 Resp: 186797
 Ion Ratio Lower Upper
 276 100
 138 19.1 13.5 20.3
 277 25.3 19.4 29.2

