

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058021.D
 Acq On : 5 Jul 2023 17:49
 Operator : CG/JU
 Sample : PB153590BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP6215

Quant Time: Jul 06 01:11:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 05 17:32:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	44808	20.000	ng/u1	0.00
20) Naphthalene-d8	10.729	136	203067	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.560	164	139170	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	331750	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	289788	20.000	ng/u1	0.00
88) Perylene-d12	24.724	264	366578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	16748	10.595	ng/uL#	95
5) Pyridine	3.790	79	106617	26.786	ng/u1	92
6) Benzaldehyde	7.063	77	77350	50.615	ng/u1	96
8) Phenol	7.116	94	140801	30.321	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.339	93	105181	29.335	ng/u1	98
12) 2-Chlorophenol	7.492	128	99590	30.323	ng/u1	98
13) 2-Methylphenol	8.367	108	109131	29.924	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.449	45	168677	30.562	ng/u1	99
16) Acetophenone	8.743	105	172657	30.139	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.726	70	90244	29.468	ng/u1	97
18) 4-Methylphenol	8.696	108	119672	30.347	ng/u1	97
19) Hexachloroethane	9.002	117	37582	29.850	ng/u1	95
22) Nitrobenzene	9.125	77	125670	29.249	ng/u1	96
23) Isophorone	9.648	82	268446	29.281	ng/u1	98
25) 2-Nitrophenol	9.836	139	55694	29.838	ng/u1	95
26) 2,4-Dimethylphenol	9.901	107	124734	29.718	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.130	93	151394	29.304	ng/u1	100
29) 2,4-Dichlorophenol	10.377	162	101897	31.407	ng/u1	94
30) Naphthalene	10.776	128	339069	29.712	ng/u1	99
32) 4-Chloroaniline	10.888	127	123423	23.859	ng/u1	97
33) Hexachlorobutadiene	11.058	225	70323	30.616	ng/u1	93
34) Caprolactam	11.652	113	37833	29.004	ng/u1	92
35) 4-Chloro-3-methylphenol	12.022	107	122853	30.826	ng/u1	100
36) 2-Methylnaphthalene	12.386	142	226655	29.463	ng/u1	96

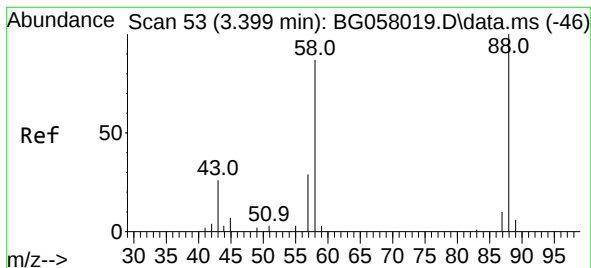
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.603	142	229317	29.726	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.756	216	132897	31.335	ng/ul	97
40) Hexachlorocyclopentadiene	12.733	237	77076	28.852	ng/ul	95
41) 2,4,6-Trichlorophenol	12.997	196	89740	31.220	ng/ul	94
42) 2,4,5-Trichlorophenol	13.073	196	98172	31.580	ng/ul	99
43) 1,1'-Biphenyl	13.397	154	303808	30.292	ng/ul	99
44) 2-Chloronaphthalene	13.438	162	240721	29.906	ng/ul	100
45) 2-Nitroaniline	13.643	65	86426	30.883	ng/ul	98
47) Dimethylphthalate	14.013	163	331407	30.041	ng/ul	100
48) 2,6-Dinitrotoluene	14.137	165	69498	30.691	ng/ul	95
50) Acenaphthylene	14.284	152	391217	30.234	ng/ul	98
51) 3-Nitroaniline	14.466	138	66058	34.519	ng/ul	96
52) Acenaphthene	14.624	153	268725	30.265	ng/ul	98
53) 2,4-Dinitrophenol	14.677	184	36148	30.620	ng/ul	93
55) 4-Nitrophenol	14.783	109	41444	28.837	ng/ul	89
56) Dibenzofuran	14.959	168	379991	30.106	ng/ul	100
57) 2,4-Dinitrotoluene	14.924	165	100722	31.394	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.189	232	85808	30.321	ng/ul	98
59) Diethylphthalate	15.371	149	341417	29.652	ng/ul	99
61) Fluorene	15.612	166	310733	30.004	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.600	204	170931	31.193	ng/ul	98
63) 4-Nitroaniline	15.629	138	69956	40.807	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.688	198	58087	31.531	ng/ul	98
67) N-Nitrosodiphenylamine	15.811	169	266315	30.164	ng/ul	99
68) 4-Bromophenyl-phenylether	16.493	248	115449	31.703	ng/ul	99
69) Hexachlorobenzene	16.610	284	130184	31.930	ng/ul	99
70) Atrazine	16.763	200	73272	20.295	ng/ul	96
71) Pentachlorophenol	16.957	266	68283	27.897	ng/ul	95
72) Phenanthrene	17.351	178	507436	30.070	ng/ul	99
74) Anthracene	17.439	178	512775	30.027	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.361	216	136666	31.062	ng/uL	97
76) Pentachlorobenzene	14.877	250	149477	31.811	ng/uL	95
77) Carbazole	17.709	167	478010	30.951	ng/ul	99
78) Di-n-butylphthalate	18.261	149	605855	30.795	ng/ul	99
80) Fluoranthene	19.360	202	614834	29.073	ng/ul	99
82) Pyrene	19.724	202	633105	29.740	ng/ul	99
83) Butylbenzylphthalate	20.606	149	269872	31.263	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.464	252	230971	32.923	ng/ul	97
85) Benzo(a)anthracene	21.546	228	631016	30.327	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.446	149	390653	31.580	ng/ul	97
87) Chrysene	21.610	228	598163	30.667	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	693783	30.803	ng/ul	100
90) Benzo(b)fluoranthene	23.720	252	682194	30.056	ng/ul	99
91) Benzo(k)fluoranthene	23.784	252	655534	29.465	ng/ul	99
93) Benzo(a)pyrene	24.578	252	605697	30.150	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.332	276	803751	30.129	ng/ul	99
95) Dibenzo(a,h)anthracene	28.385	278	666315	30.289	ng/ul	99
96) Benzo(g,h,i)perylene	29.460	276	651636	29.905	ng/ul	99

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



#2

1,4-Dioxane

Concen: 10.595 ng/uL

RT: 3.396 min Scan# 51

Delta R.T. -0.002 min

Lab File: BG058021.D

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Instrument :

BNA_G

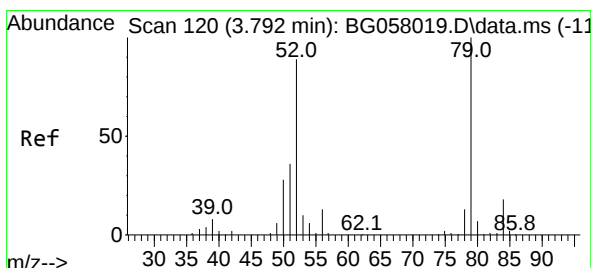
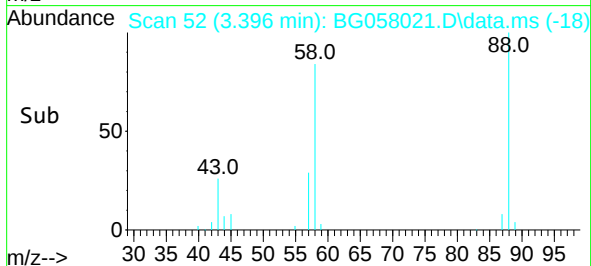
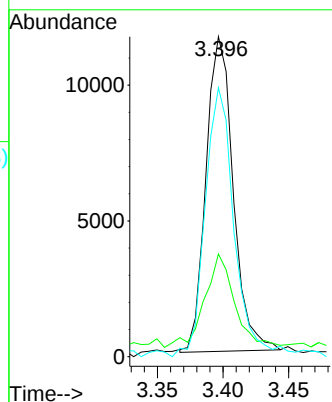
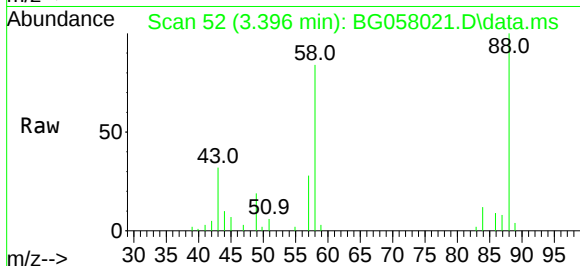
ClientSampleId :

SP6215

Tgt Ion: 88 Resp: 16748

Ion Ratio Lower Upper

88	100		
43	32.1	20.6	30.8
58	84.1	65.5	98.3



#5

Pyridine

Concen: 26.786 ng/uL

RT: 3.790 min Scan# 119

Delta R.T. -0.002 min

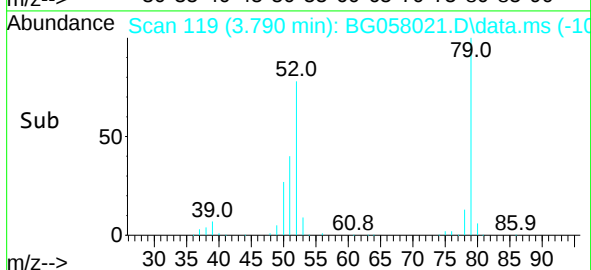
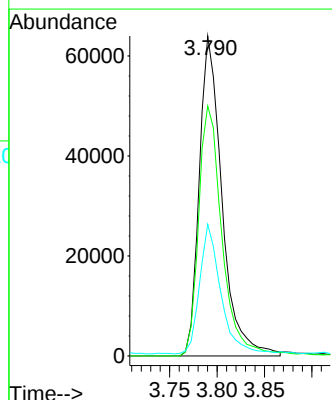
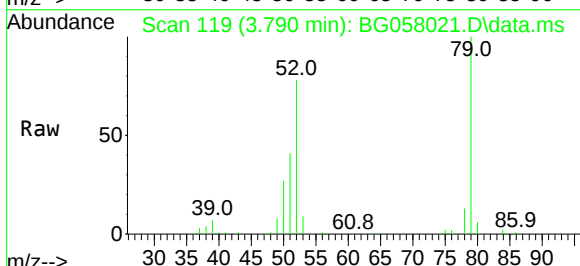
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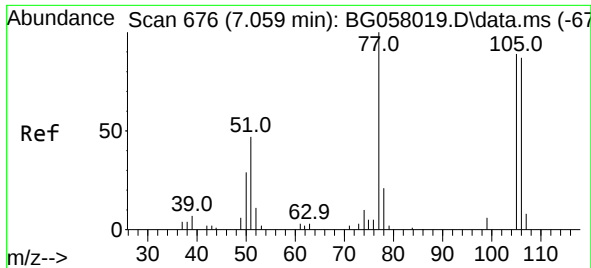
Acq: 5 Jul 2023 17:49

Tgt Ion: 79 Resp: 106617

Ion Ratio Lower Upper

79	100		
52	78.1	68.6	102.8
51	41.2	29.4	44.0





#6

Benzaldehyde

Concen: 50.615 ng/ul

RT: 7.063 min Scan# 61

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

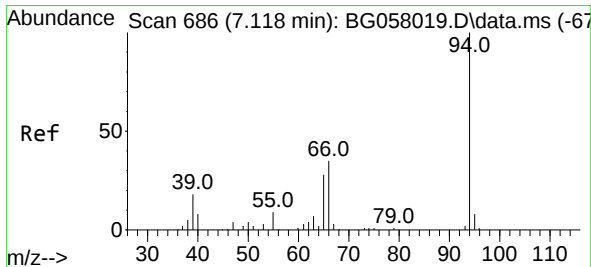
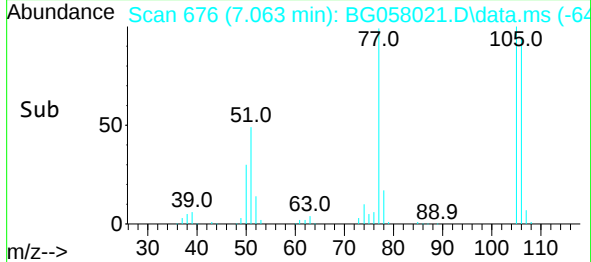
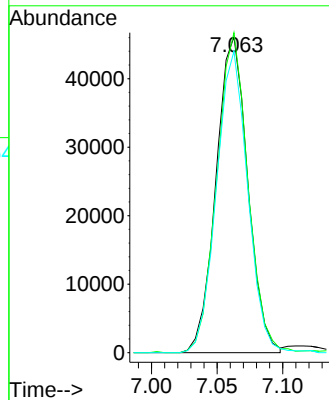
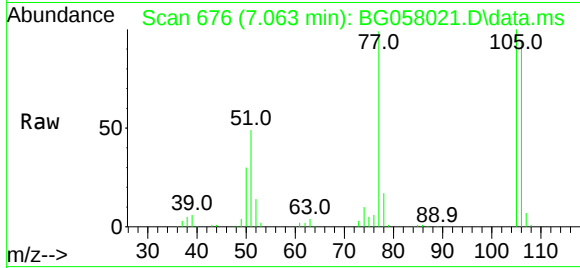
Tgt Ion: 77 Resp: 77350

Ion Ratio Lower Upper

77 100

105 101.4 74.7 112.1

106 95.5 75.9 113.9



#8

Phenol

Concen: 30.321 ng/ul

RT: 7.116 min Scan# 685

Delta R.T. -0.002 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

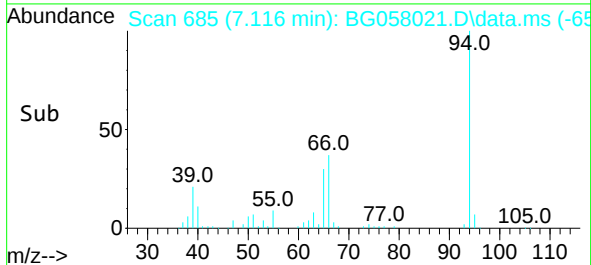
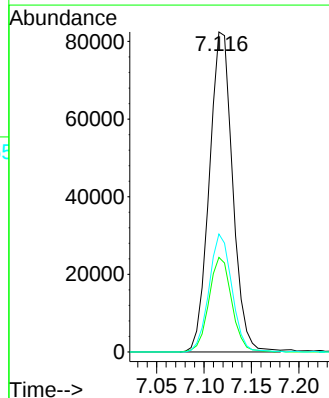
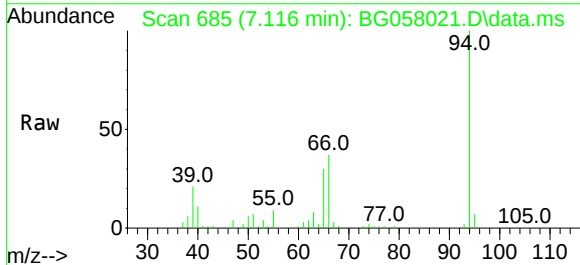
Tgt Ion: 94 Resp: 140801

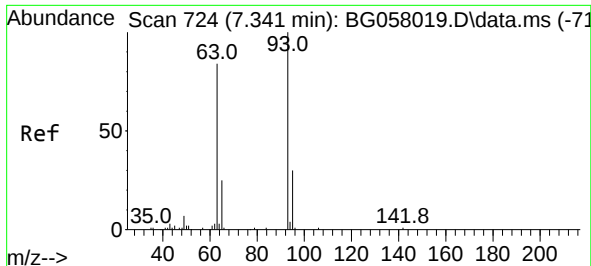
Ion Ratio Lower Upper

94 100

65 29.5 22.2 33.4

66 36.9 28.6 43.0



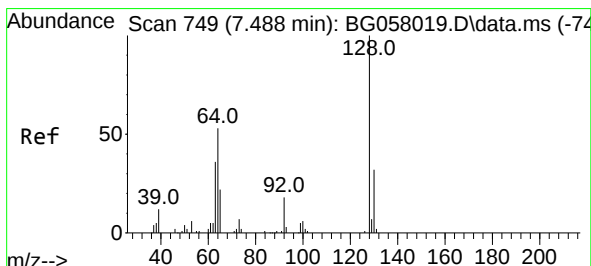
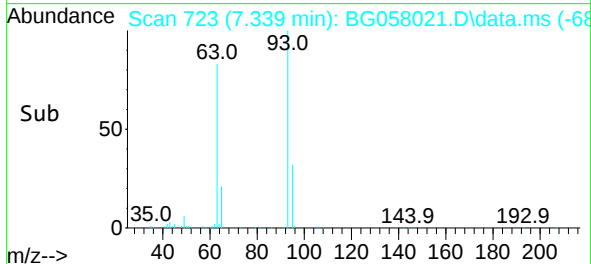
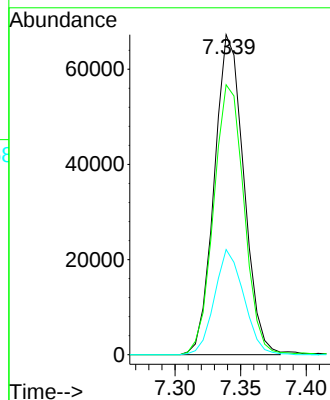
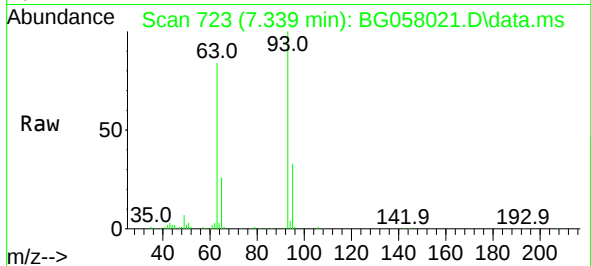


#10
Bis(2-Chloroethyl)ether
Concen: 29.335 ng/ul
RT: 7.339 min Scan# 723
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Instrument :
BNA_G
ClientSampleId :
SP6215

Tgt Ion: 93 Resp: 105181

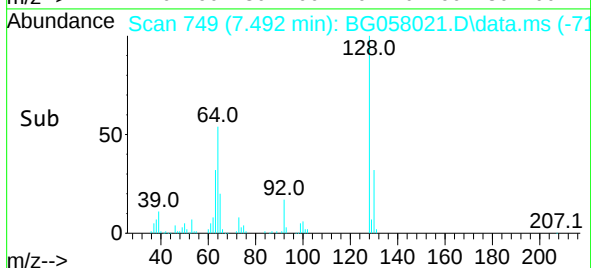
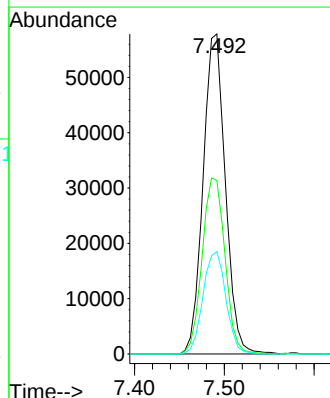
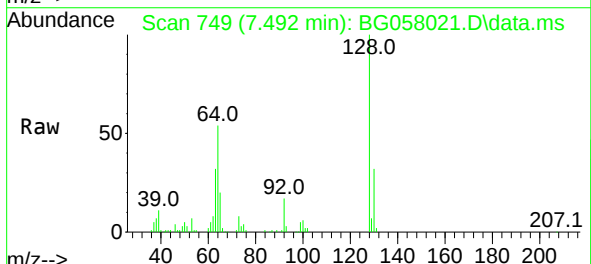
Ion	Ratio	Lower	Upper
93	100		
63	84.4	69.4	104.0
95	32.9	27.0	40.6

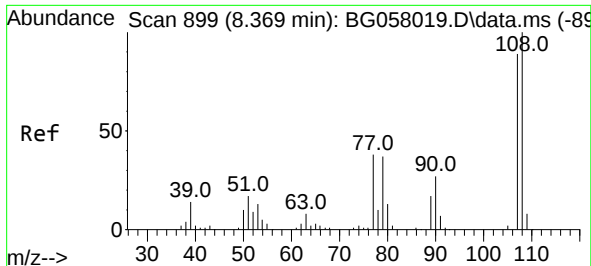


#12
2-Chlorophenol
Concen: 30.323 ng/ul
RT: 7.492 min Scan# 749
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:128 Resp: 99590

Ion	Ratio	Lower	Upper
128	100		
64	54.2	44.3	66.5
130	32.0	27.3	40.9

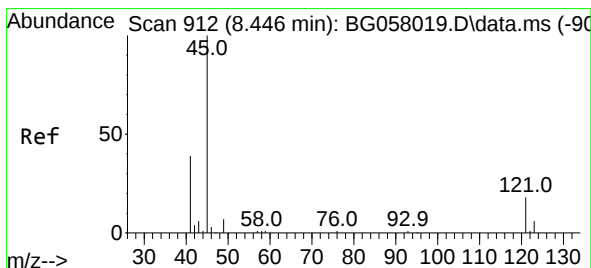
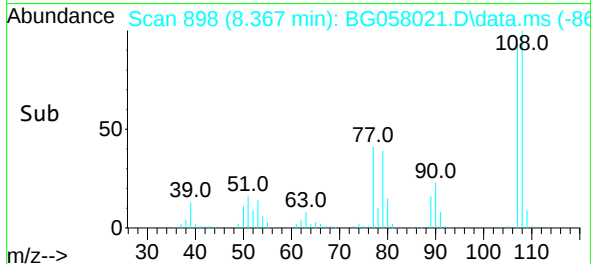
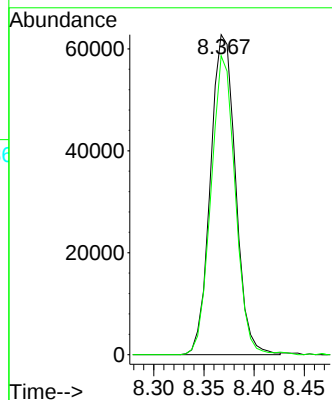
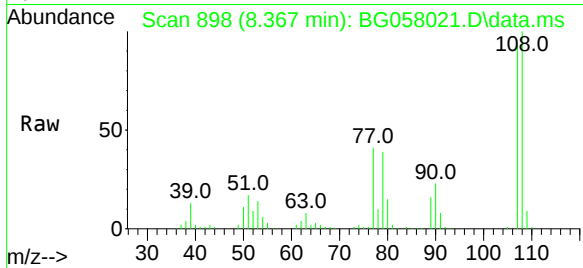




#13
2-Methylphenol
Concen: 29.924 ng/ul
RT: 8.367 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

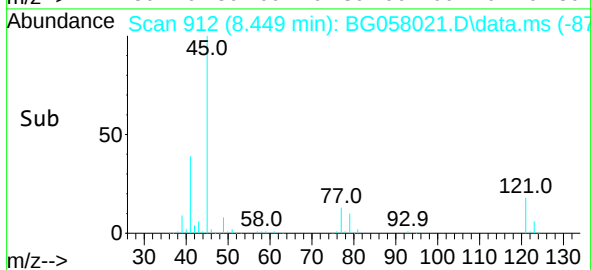
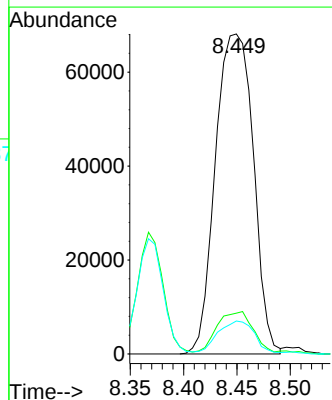
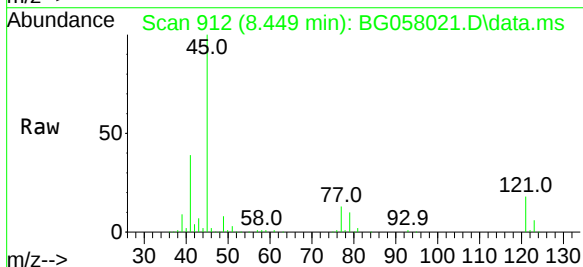
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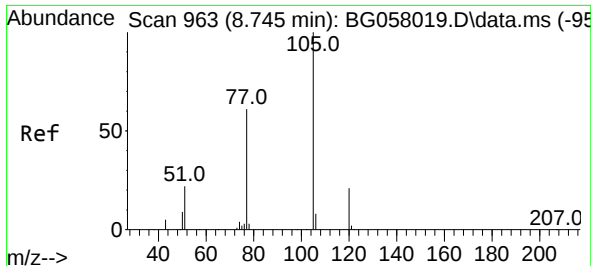
Tgt Ion:108 Resp: 109131
Ion Ratio Lower Upper
108 100
107 93.4 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.562 ng/ul
RT: 8.449 min Scan# 912
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion: 45 Resp: 168677
Ion Ratio Lower Upper
45 100
77 12.8 9.4 14.2
79 10.3 8.3 12.5

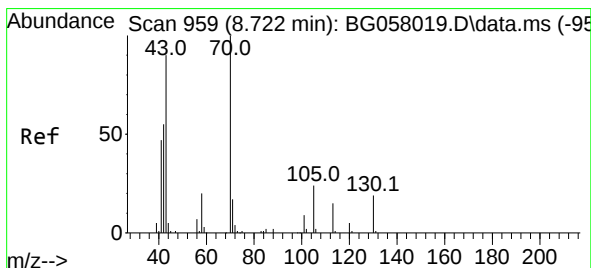
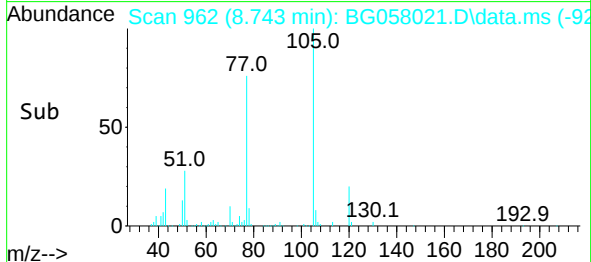
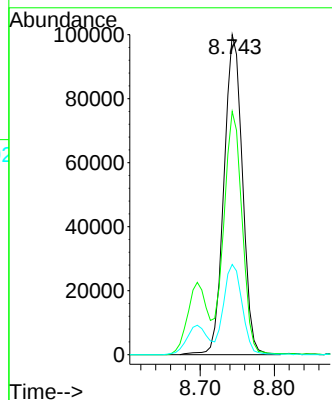
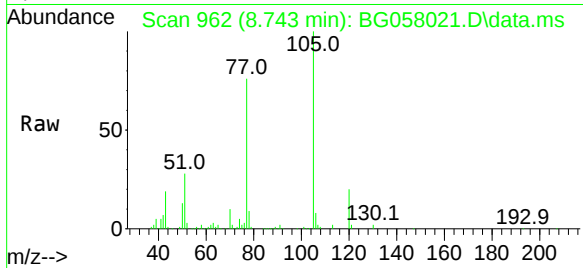




#16
Acetophenone
Concen: 30.139 ng/ul
RT: 8.743 min Scan# 963
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

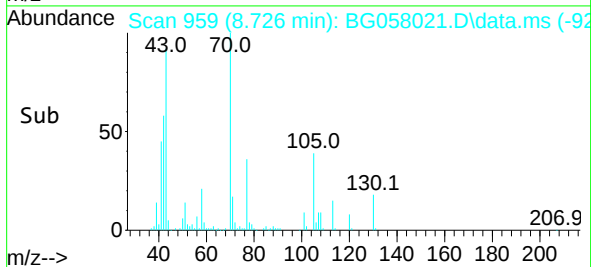
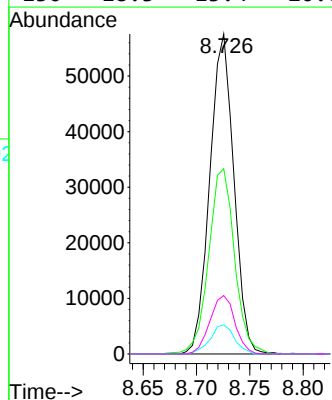
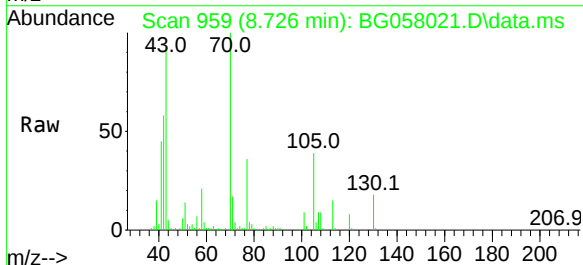
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BNA_G
ClientSampleId :
SP6215

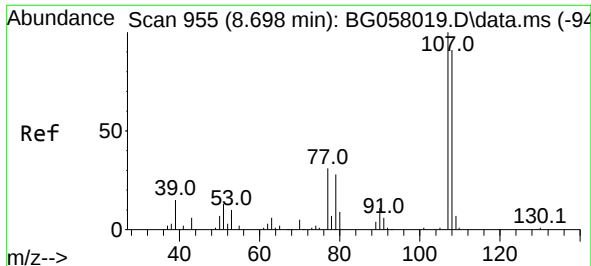
Tgt Ion:105 Resp: 172657
Ion Ratio Lower Upper
105 100
77 76.0 61.2 91.8
51 28.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 29.468 ng/ul
RT: 8.726 min Scan# 959
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion: 70 Resp: 90244
Ion Ratio Lower Upper
70 100
42 57.9 48.0 72.0
101 9.1 7.4 11.2
130 18.3 13.4 20.0

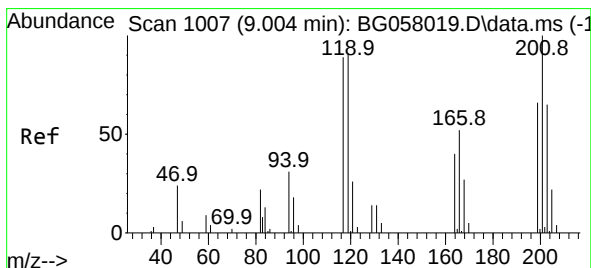
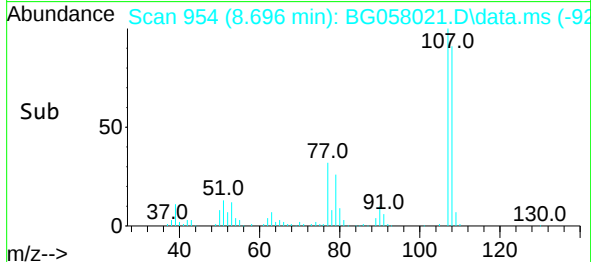
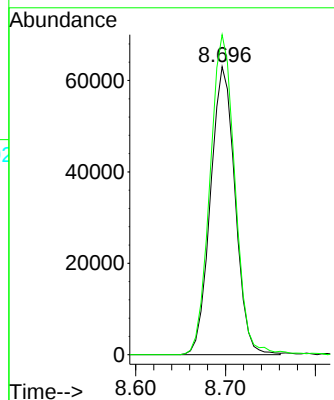
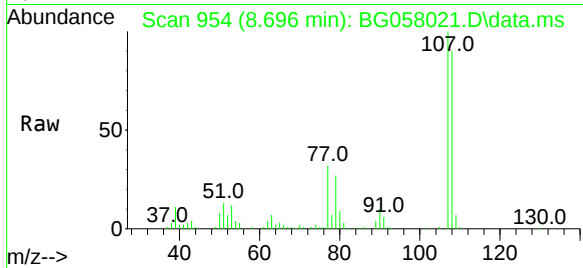




#18
4-Methylphenol
Concen: 30.347 ng/ul
RT: 8.696 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

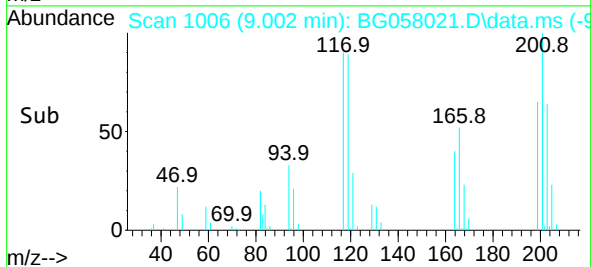
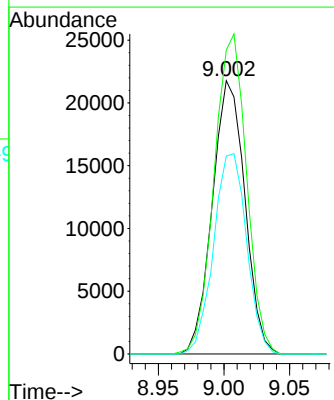
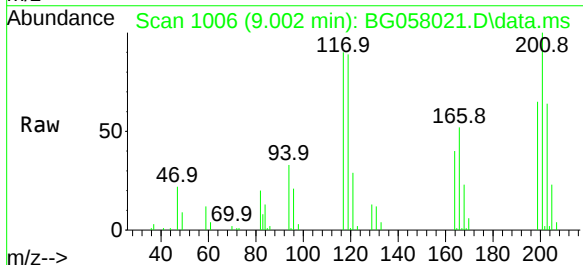
Instrument :
BNA_G
ClientSampleId :
SP6215

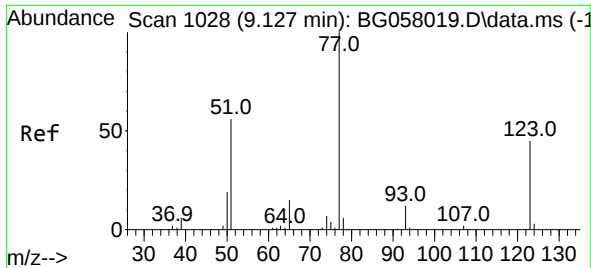
Tgt Ion:108 Resp: 119672
Ion Ratio Lower Upper
108 100
107 111.1 91.1 136.7



#19
Hexachloroethane
Concen: 29.850 ng/ul
RT: 9.002 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:117 Resp: 37582
Ion Ratio Lower Upper
117 100
201 111.2 94.0 141.0
199 72.4 59.8 89.6

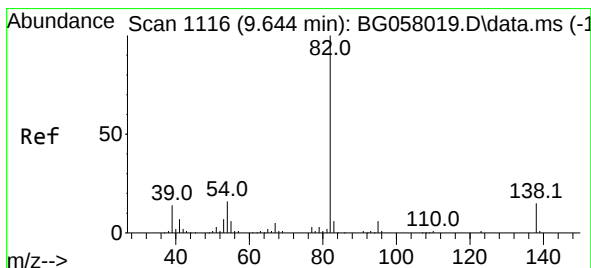
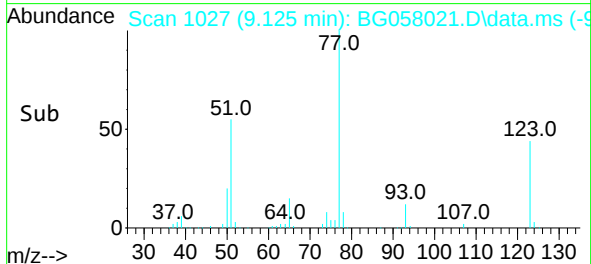
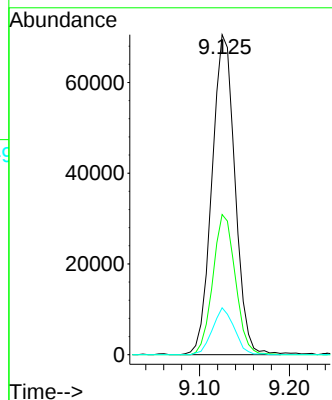
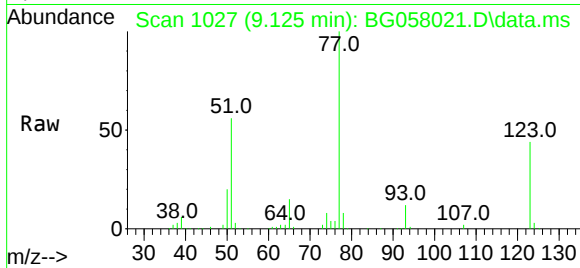




#22
Nitrobenzene
Concen: 29.249 ng/ul
RT: 9.125 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

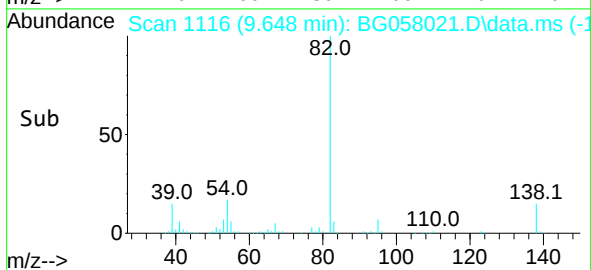
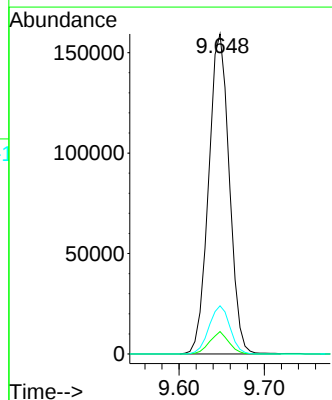
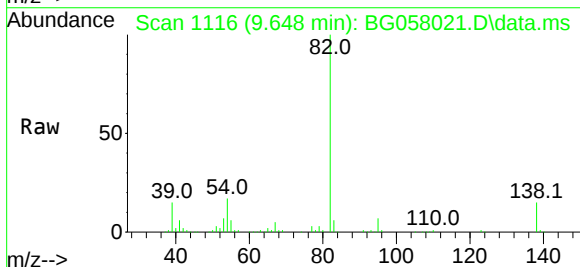
Instrument :
BNA_G
ClientSampleId :
SP6215

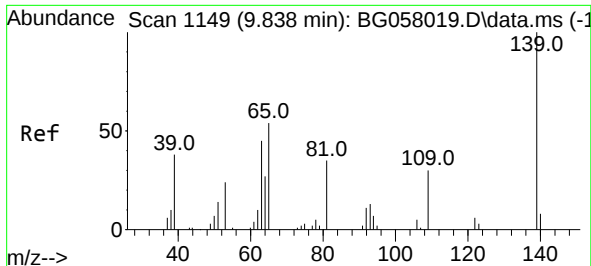
Tgt Ion: 77 Resp: 125670
Ion Ratio Lower Upper
77 100
123 43.8 33.3 49.9
65 14.7 10.4 15.6



#23
Isophorone
Concen: 29.281 ng/ul
RT: 9.648 min Scan# 1116
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion: 82 Resp: 268446
Ion Ratio Lower Upper
82 100
95 7.0 4.8 7.2
138 15.1 11.4 17.0

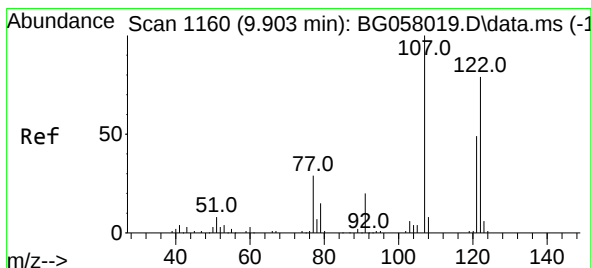
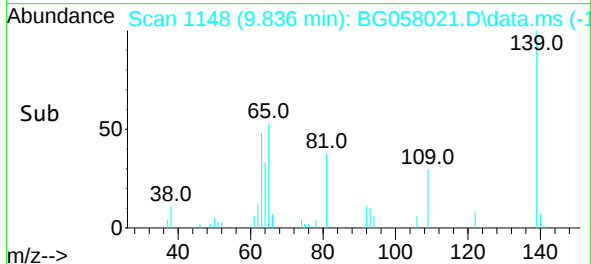
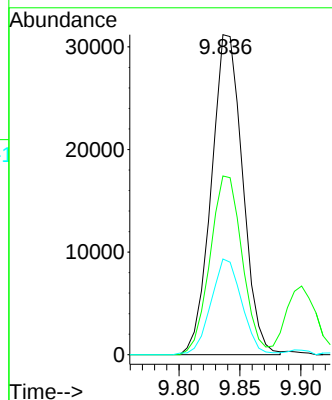
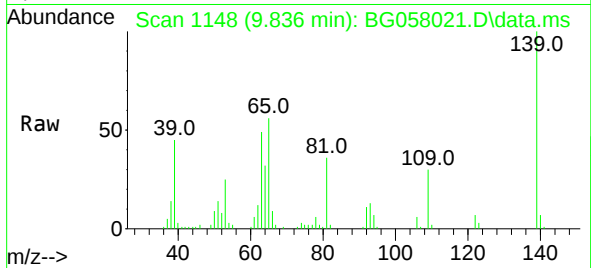




#25
2-Nitrophenol
Concen: 29.838 ng/ul
RT: 9.836 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

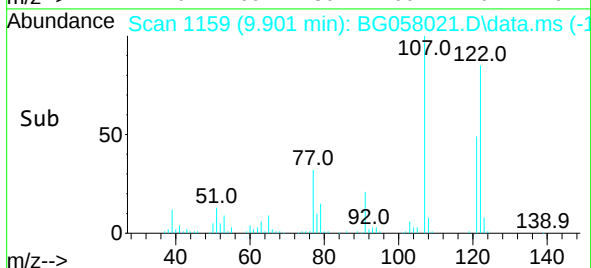
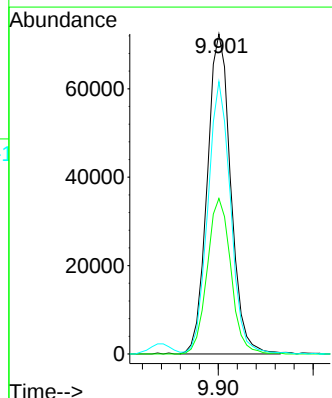
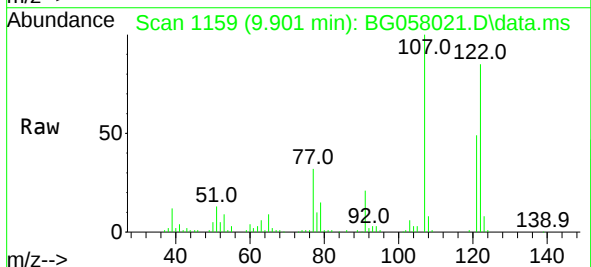
Instrument :
BNA_G
ClientSampleId :
SP6215

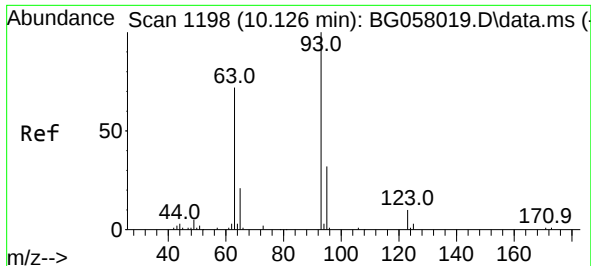
Tgt Ion:139 Resp: 55694
Ion Ratio Lower Upper
139 100
65 55.9 42.6 64.0
109 29.9 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 29.718 ng/ul
RT: 9.901 min Scan# 1159
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:107 Resp: 124734
Ion Ratio Lower Upper
107 100
121 48.6 40.6 60.8
122 85.1 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 29.304 ng/ul

RT: 10.130 min Scan# 1198

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

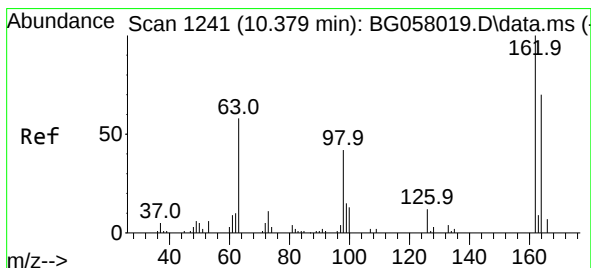
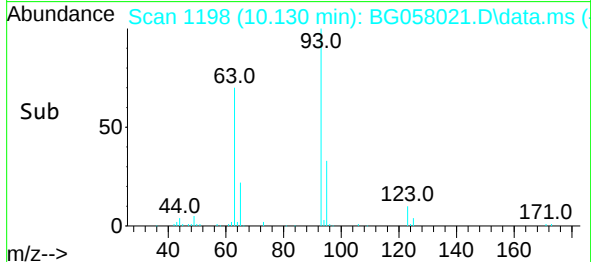
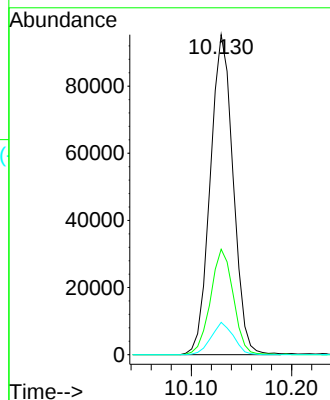
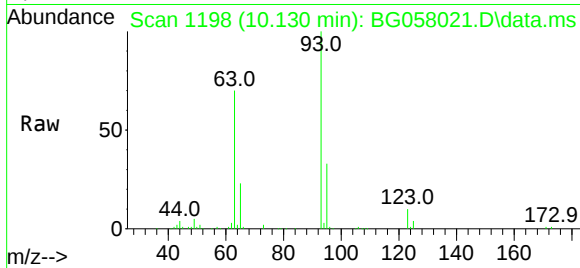
Tgt Ion: 93 Resp: 151394

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 10.1 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 31.407 ng/ul

RT: 10.377 min Scan# 1240

Delta R.T. -0.002 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

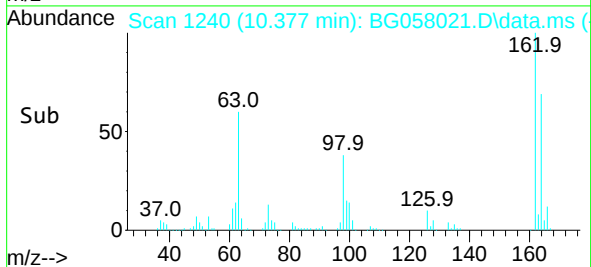
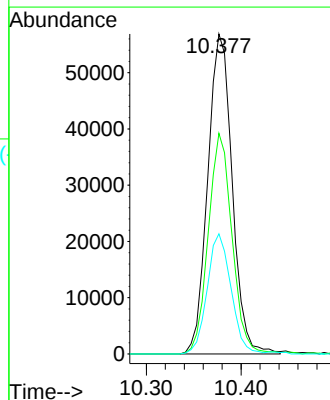
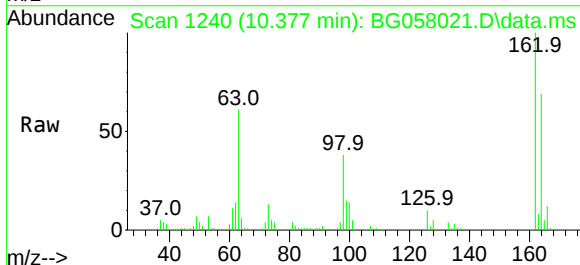
Tgt Ion:162 Resp: 101897

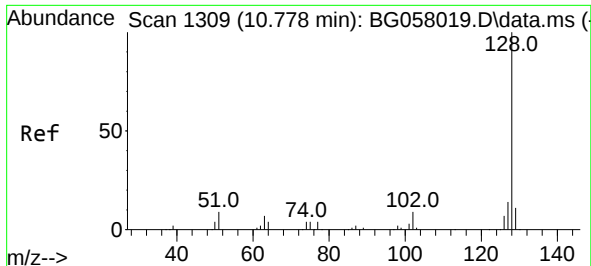
Ion Ratio Lower Upper

162 100

164 68.9 51.1 76.7

98 37.5 27.9 41.9

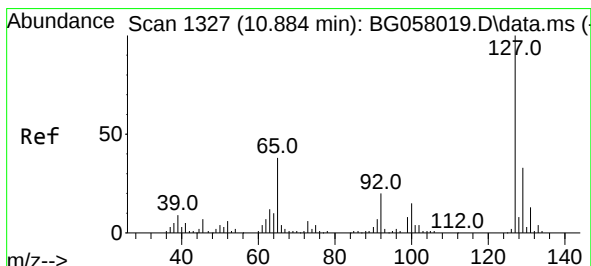
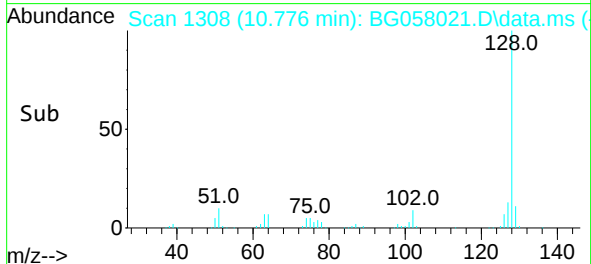
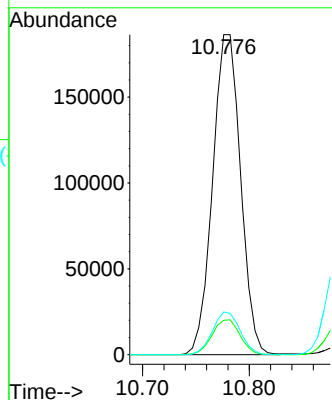
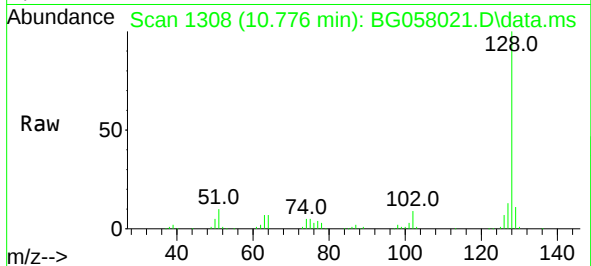




#30
Naphthalene
Concen: 29.712 ng/ul
RT: 10.776 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

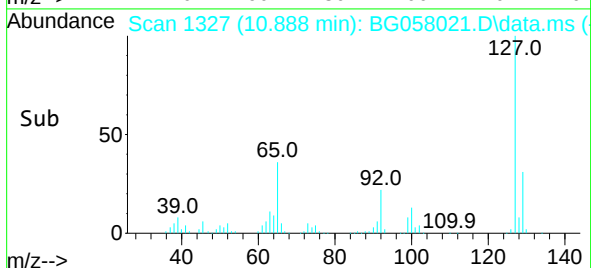
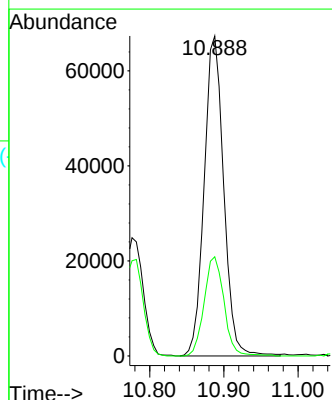
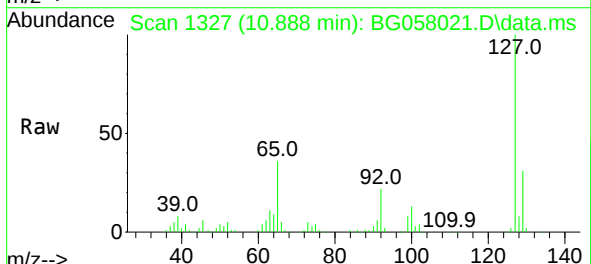
Instrument :
BNA_G
ClientSampleId :
SP6215

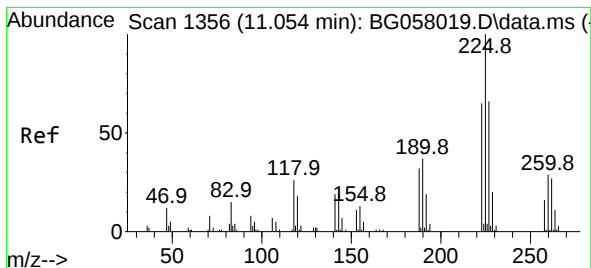
Tgt Ion:128 Resp: 339069
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.4 10.2 15.2



#32
4-Chloroaniline
Concen: 23.859 ng/ul
RT: 10.888 min Scan# 1327
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:127 Resp: 123423
Ion Ratio Lower Upper
127 100
129 31.0 26.0 39.0

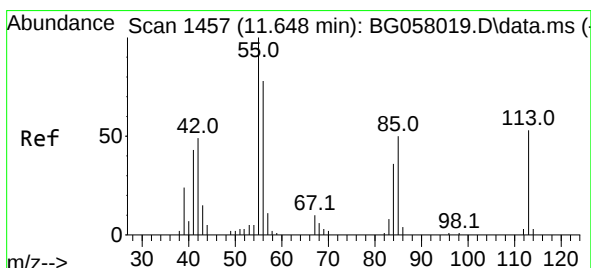
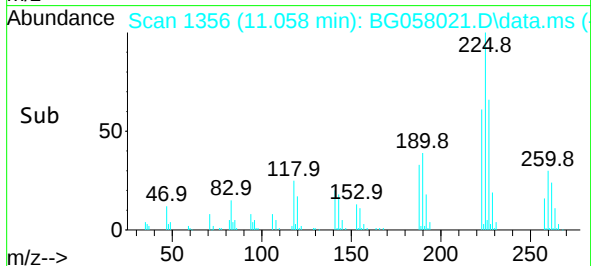
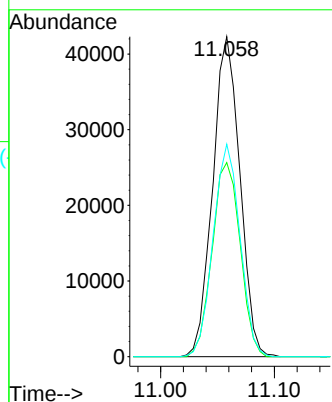
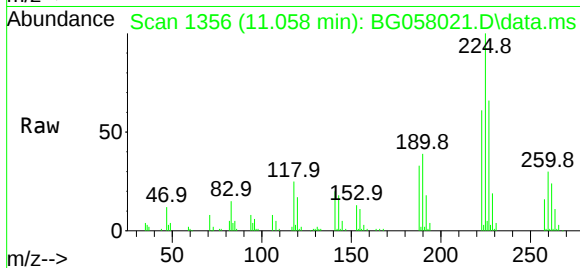




#33
Hexachlorobutadiene
Concen: 30.616 ng/ul
RT: 11.058 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

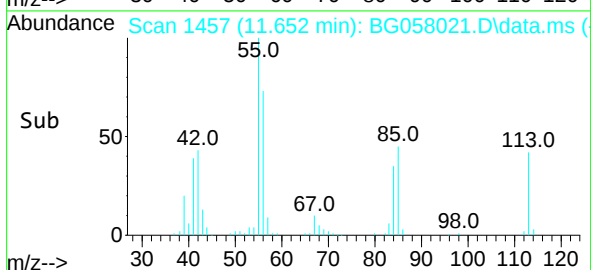
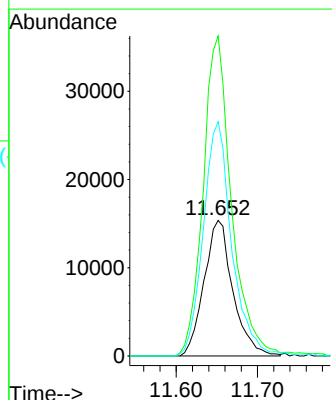
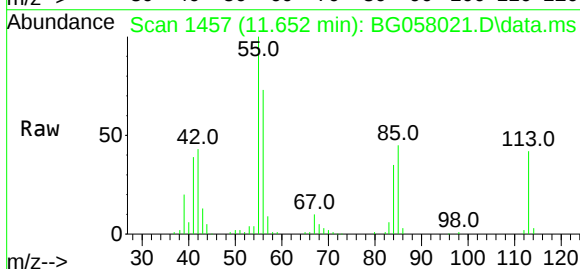
Instrument :
BNA_G
ClientSampleId :
SP6215

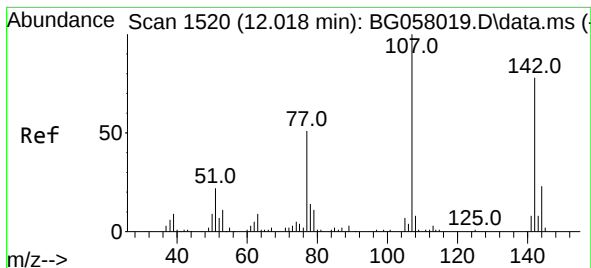
Tgt Ion:225 Resp: 70323
Ion Ratio Lower Upper
225 100
223 60.7 53.2 79.8
227 69.4 51.4 77.2



#34
Caprolactam
Concen: 29.004 ng/ul
RT: 11.652 min Scan# 1457
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:113 Resp: 37833
Ion Ratio Lower Upper
113 100
55 236.0 183.4 275.2
56 172.7 123.0 184.6

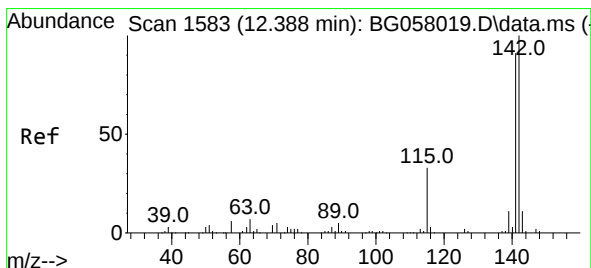
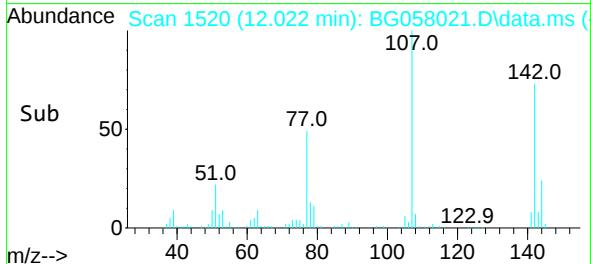
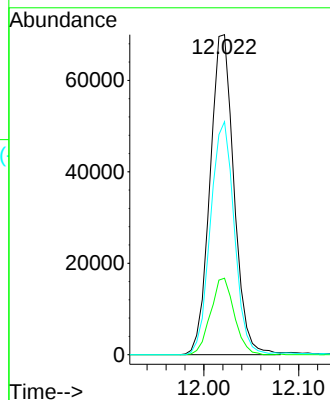
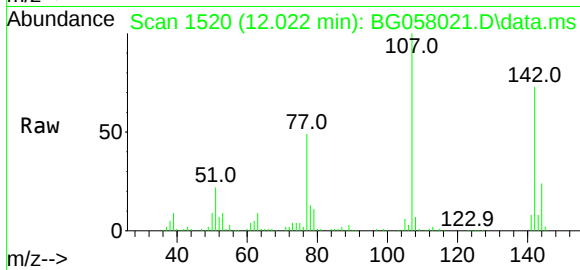




#35
4-Chloro-3-methylphenol
Concen: 30.826 ng/ul
RT: 12.022 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

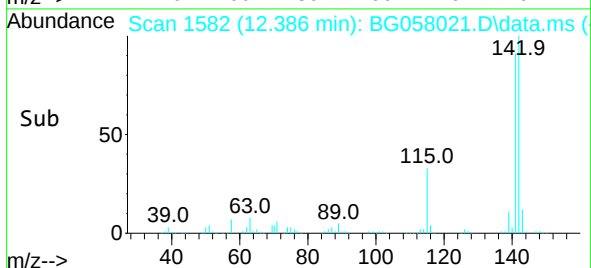
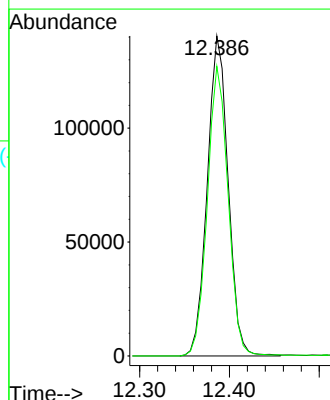
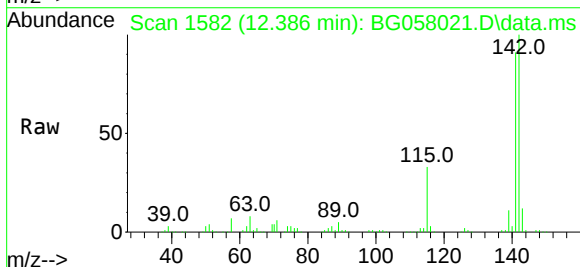
Instrument :
BNA_G
ClientSampleId :
SP6215

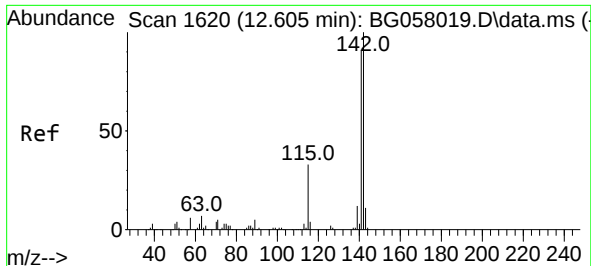
Tgt Ion:107 Resp: 122853
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.4
142 72.8 58.4 87.6



#36
2-Methylnaphthalene
Concen: 29.463 ng/ul
RT: 12.386 min Scan# 1582
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:142 Resp: 226655
Ion Ratio Lower Upper
142 100
141 90.5 69.4 104.2





#37

1-Methylnaphthalene

Concen: 29.726 ng/ul

RT: 12.603 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

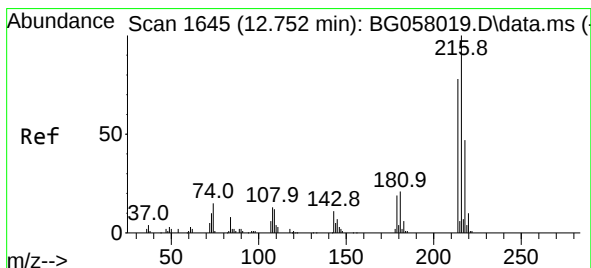
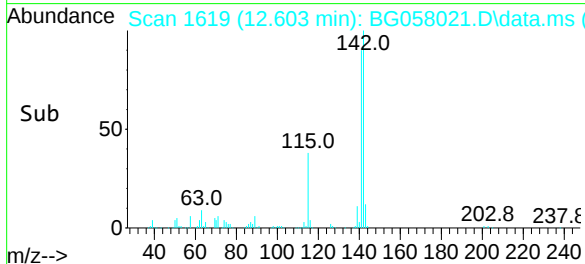
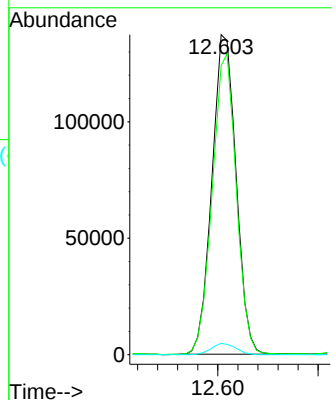
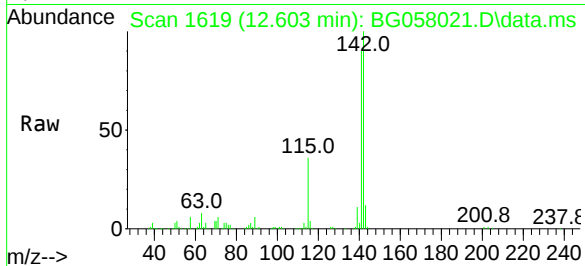
Tgt Ion:142 Resp: 229317

Ion Ratio Lower Upper

142 100

141 90.4 73.8 110.8

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.335 ng/ul

RT: 12.756 min Scan# 1645

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Tgt Ion:216 Resp: 132897

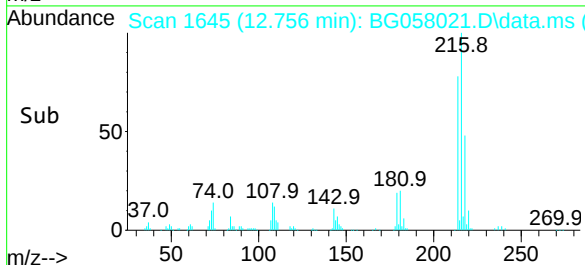
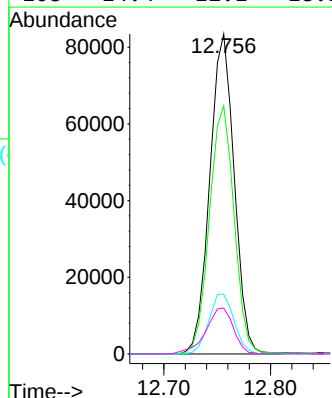
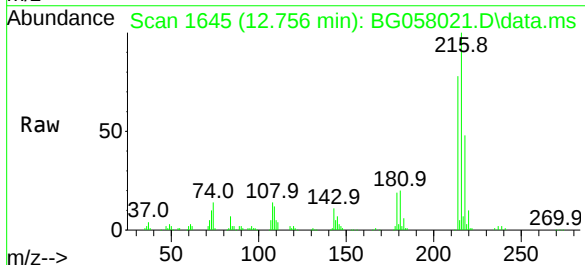
Ion Ratio Lower Upper

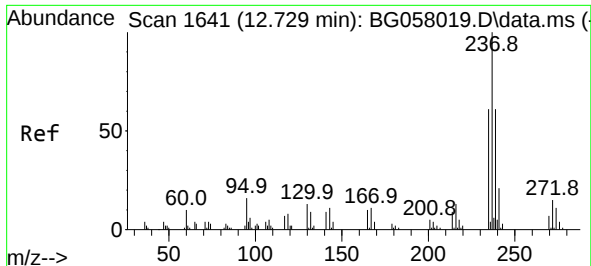
216 100

214 77.5 64.1 96.1

179 18.6 16.0 24.0

108 14.4 12.1 18.1

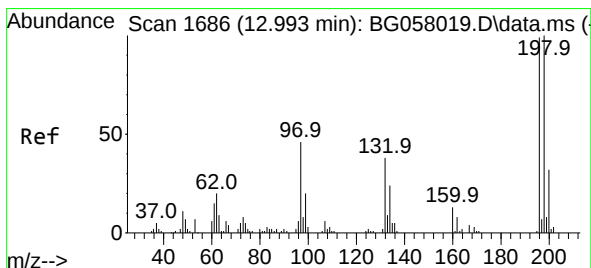
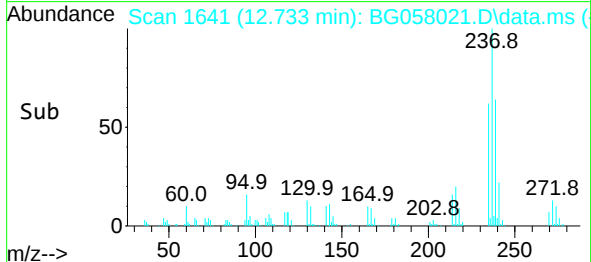
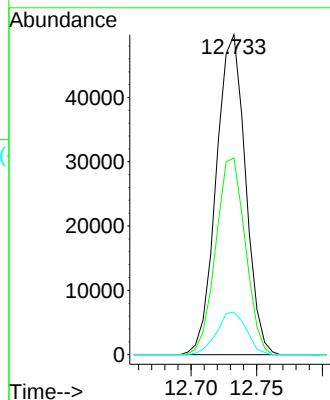
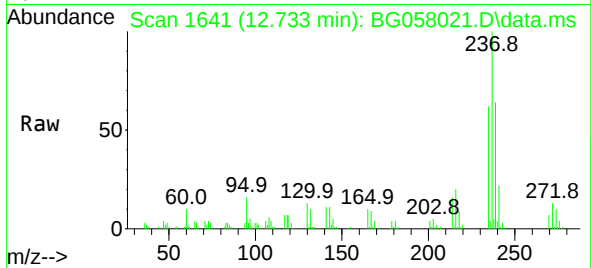




#40
Hexachlorocyclopentadiene
Concen: 28.852 ng/ul
RT: 12.733 min Scan# 1641
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

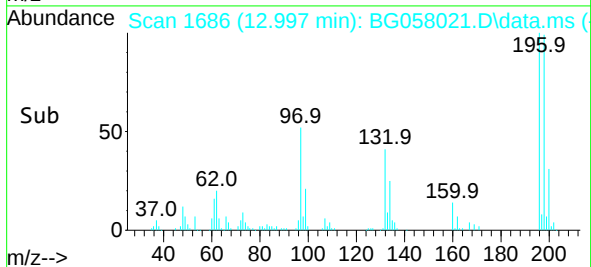
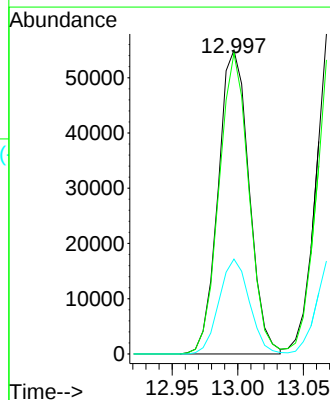
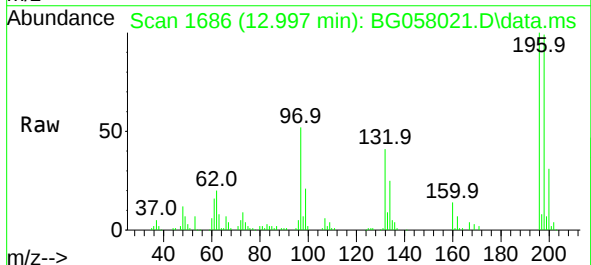
Instrument :
BNA_G
ClientSampleId :
SP6215

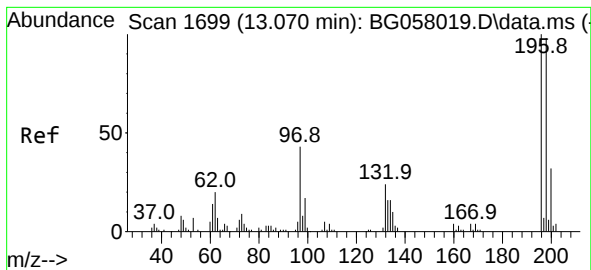
Tgt Ion:237 Resp: 77076
Ion Ratio Lower Upper
237 100
235 65.9 49.2 73.8
272 13.3 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 31.220 ng/ul
RT: 12.997 min Scan# 1686
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:196 Resp: 89740
Ion Ratio Lower Upper
196 100
198 99.0 73.5 110.3
200 31.2 24.8 37.2

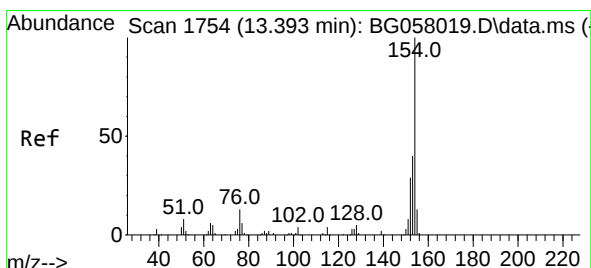
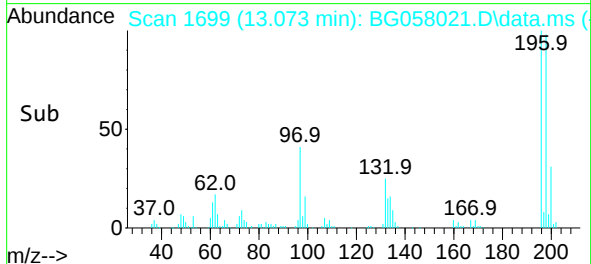
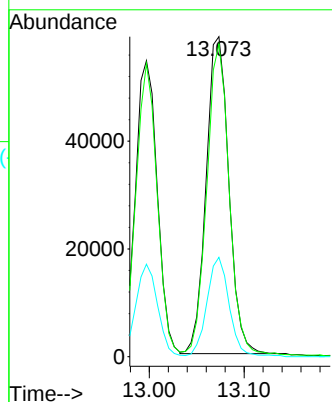
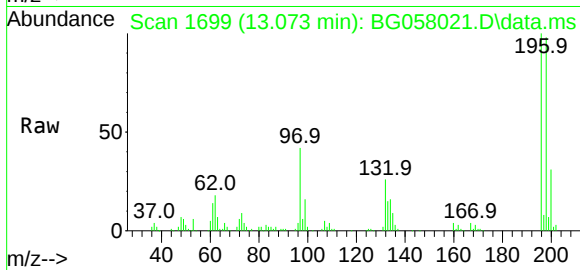




#42
2,4,5-Trichlorophenol
Concen: 31.580 ng/ul
RT: 13.073 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

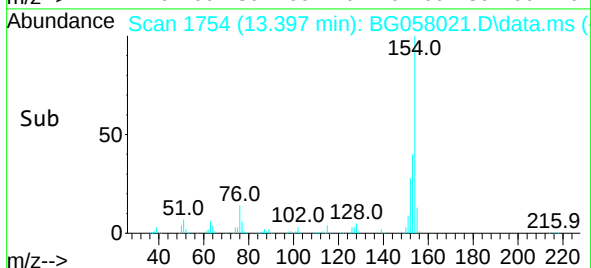
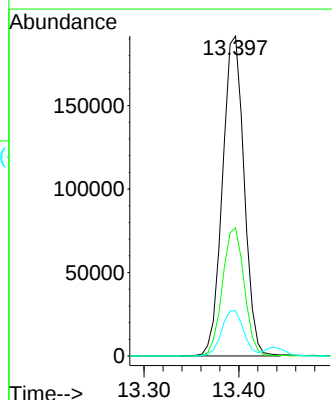
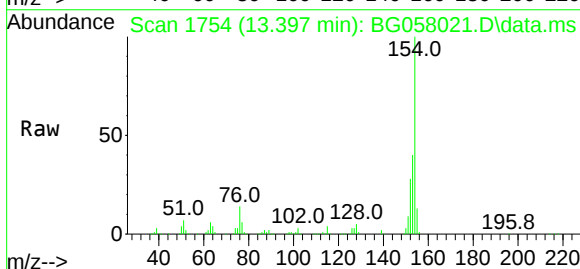
Instrument :
BNA_G
ClientSampleId :
SP6215

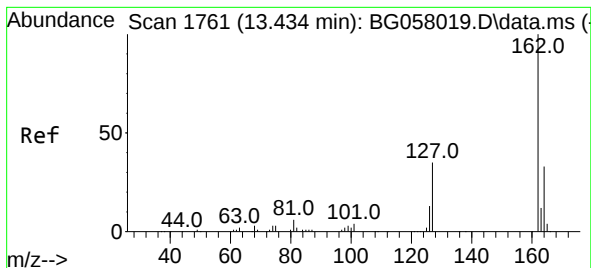
Tgt Ion:196 Resp: 98172
Ion Ratio Lower Upper
196 100
198 97.6 77.2 115.8
200 31.1 23.8 35.6



#43
1,1'-Biphenyl
Concen: 30.292 ng/ul
RT: 13.397 min Scan# 1754
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:154 Resp: 303808
Ion Ratio Lower Upper
154 100
153 40.1 32.6 49.0
76 14.1 11.6 17.4

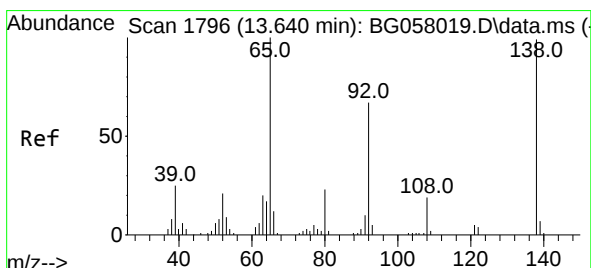
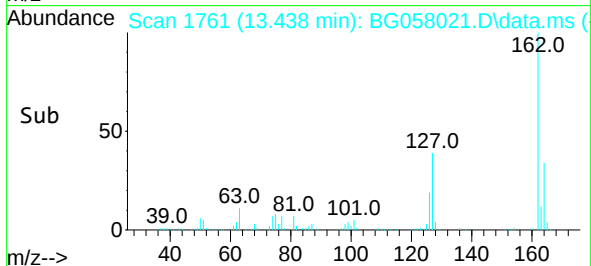
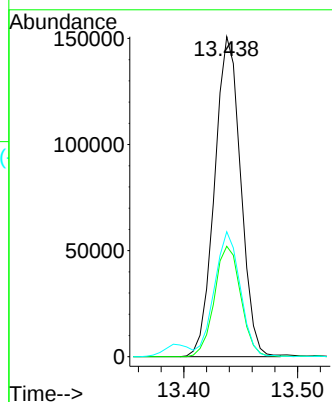
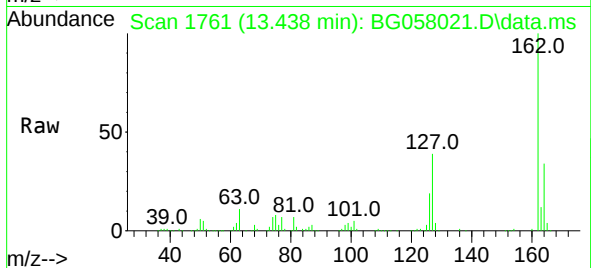




#44
2-Chloronaphthalene
Concen: 29.906 ng/ul
RT: 13.438 min Scan# 1761
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

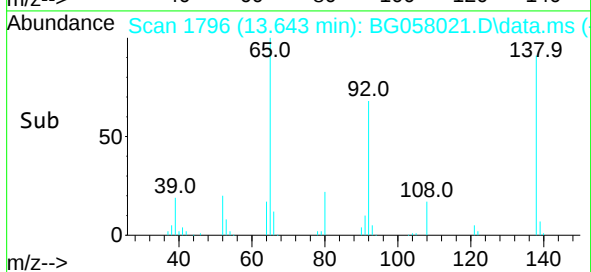
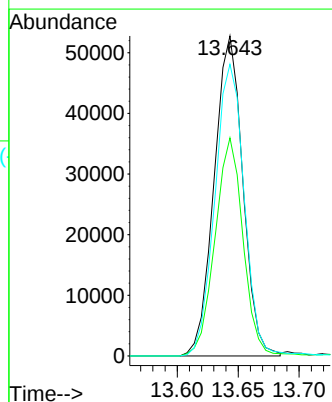
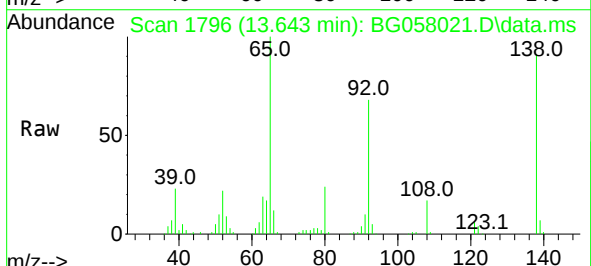
Instrument :
BNA_G
ClientSampleId :
SP6215

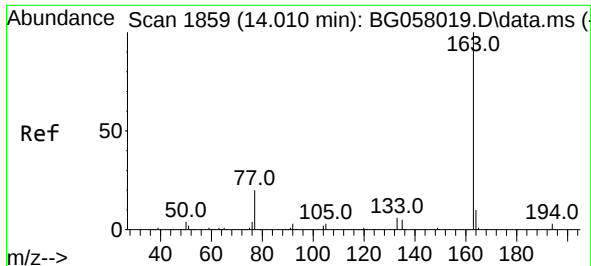
Tgt Ion:162 Resp: 240721
Ion Ratio Lower Upper
162 100
164 34.5 27.7 41.5
127 39.1 30.9 46.3



#45
2-Nitroaniline
Concen: 30.883 ng/ul
RT: 13.643 min Scan# 1796
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion: 65 Resp: 86426
Ion Ratio Lower Upper
65 100
92 68.2 53.2 79.8
138 91.1 71.1 106.7

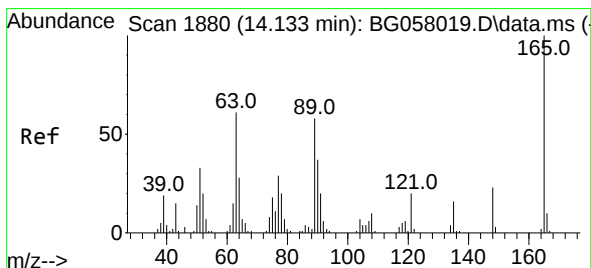
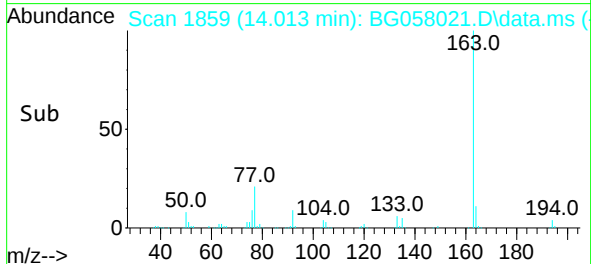
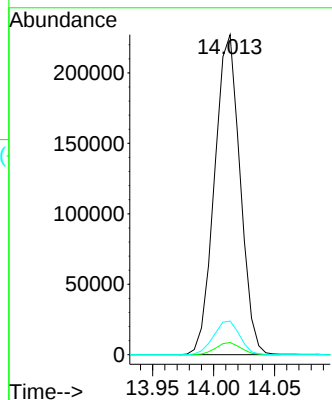
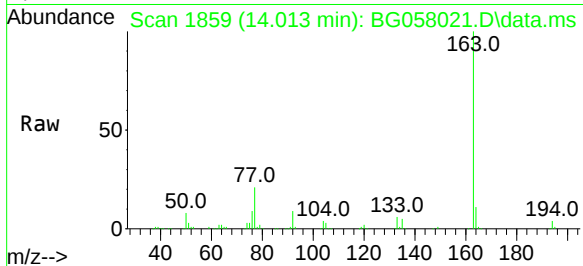




#47
Dimethylphthalate
Concen: 30.041 ng/ul
RT: 14.013 min Scan# 1859
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

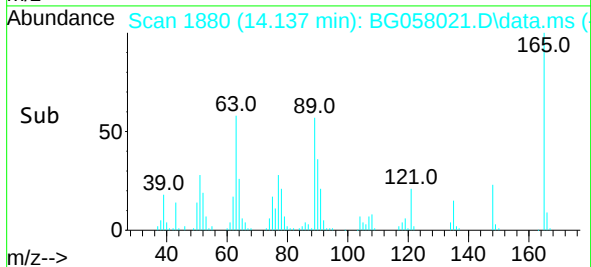
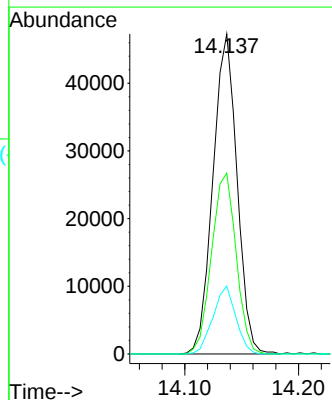
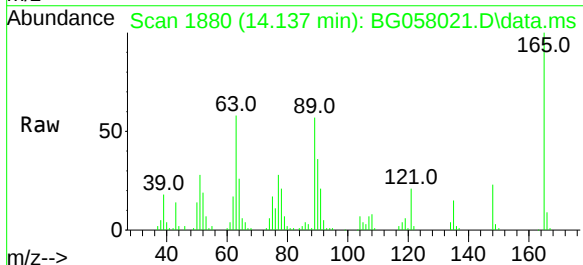
Instrument :
BNA_G
ClientSampleId :
SP6215

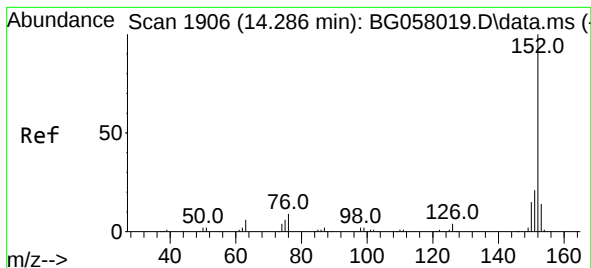
Tgt Ion:163 Resp: 331407
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 30.691 ng/ul
RT: 14.137 min Scan# 1880
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:165 Resp: 69498
Ion Ratio Lower Upper
165 100
89 56.5 42.7 64.1
121 21.2 14.8 22.2





#50

Acenaphthylene

Concen: 30.234 ng/ul

RT: 14.284 min Scan# 1906

Delta R.T. -0.002 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

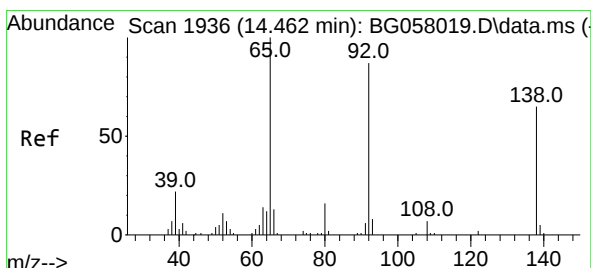
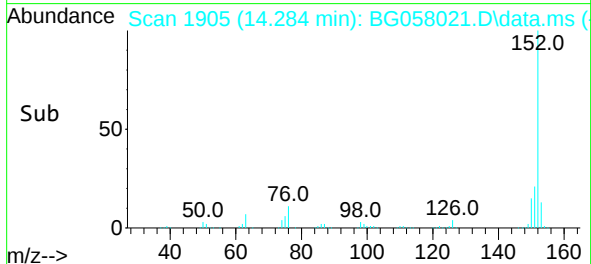
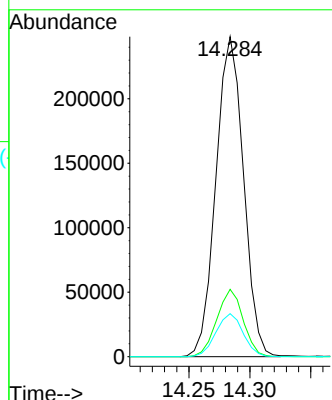
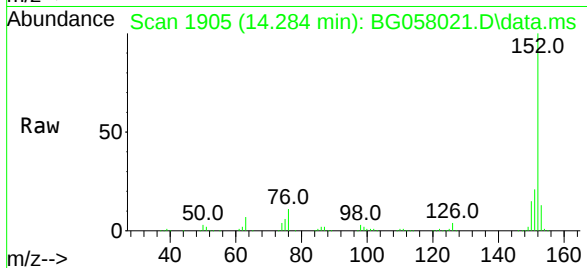
Tgt Ion:152 Resp: 391217

Ion Ratio Lower Upper

152 100

151 21.0 15.6 23.4

153 13.4 10.5 15.7



#51

3-Nitroaniline

Concen: 34.519 ng/ul

RT: 14.466 min Scan# 1936

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

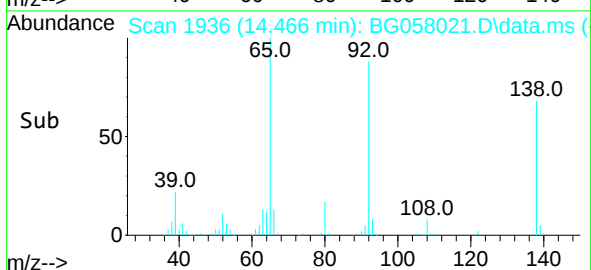
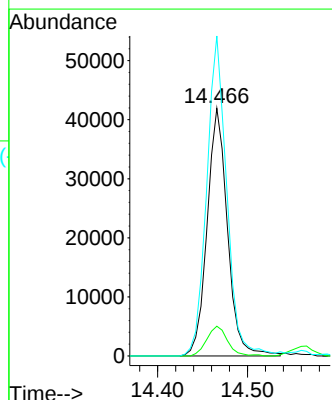
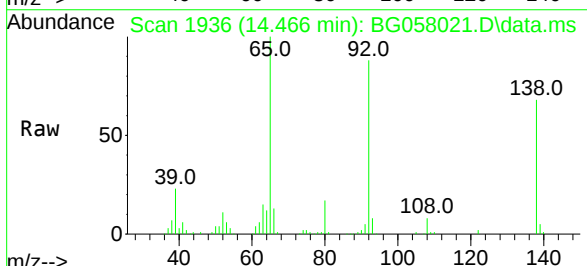
Tgt Ion:138 Resp: 66058

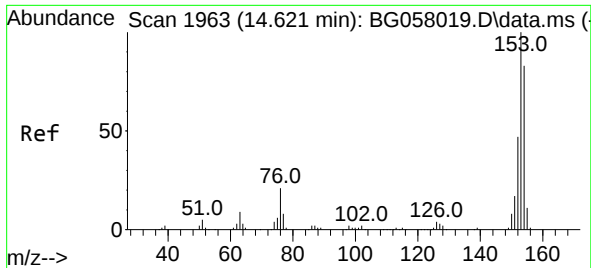
Ion Ratio Lower Upper

138 100

108 12.0 8.2 12.2

92 129.2 100.2 150.4

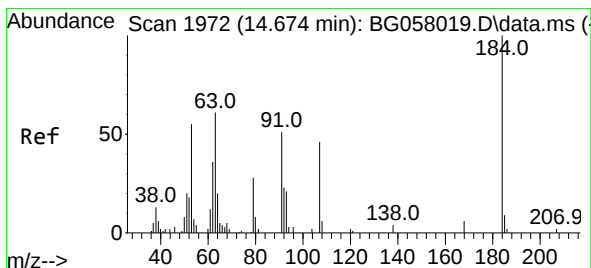
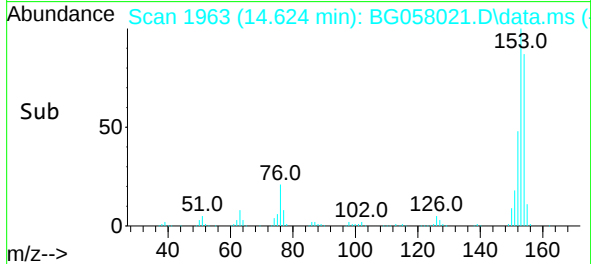
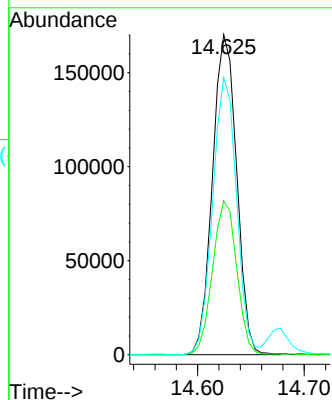
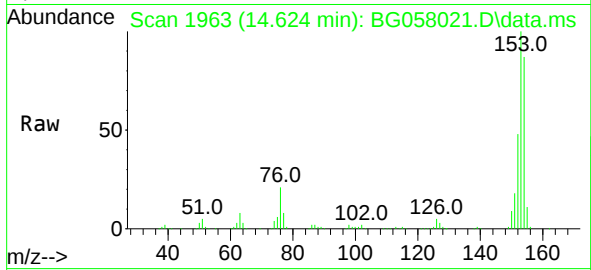




#52
Acenaphthene
Concen: 30.265 ng/ul
RT: 14.624 min Scan# 1963
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

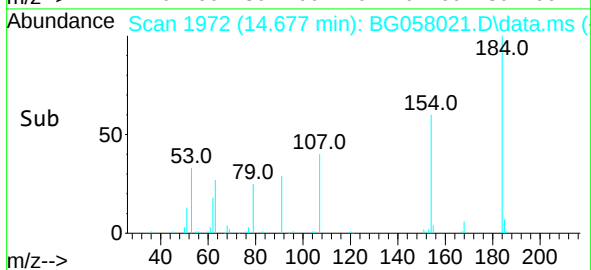
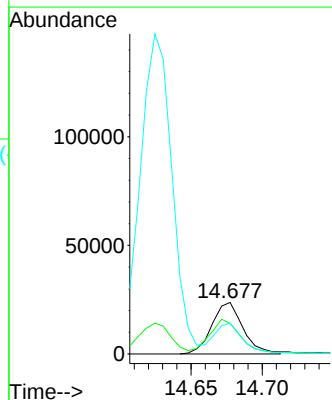
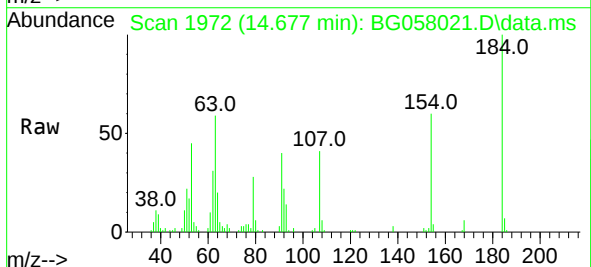
Instrument :
BNA_G
ClientSampleId :
SP6215

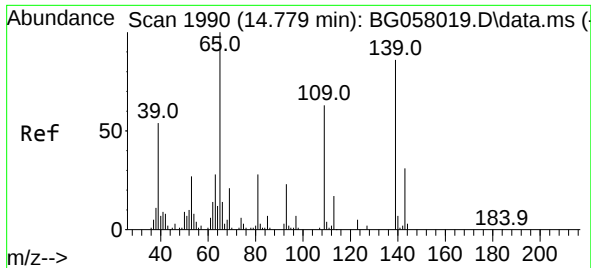
Tgt Ion:153 Resp: 268725
Ion Ratio Lower Upper
153 100
152 48.0 36.5 54.7
154 86.5 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 30.620 ng/ul
RT: 14.677 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:184 Resp: 36148
Ion Ratio Lower Upper
184 100
63 59.1 51.1 76.7
154 60.1 43.3 64.9

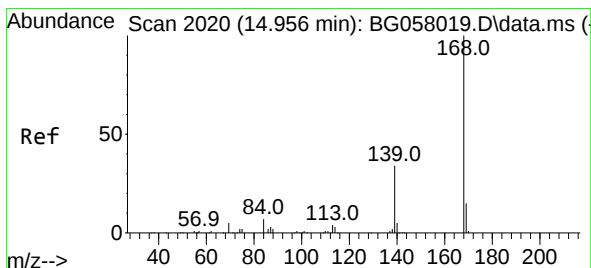
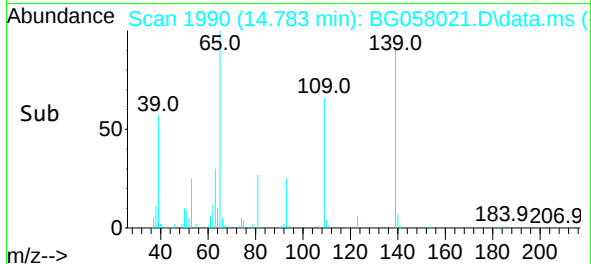
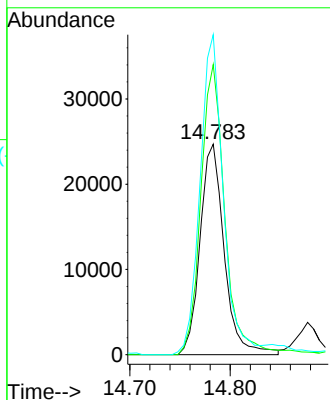
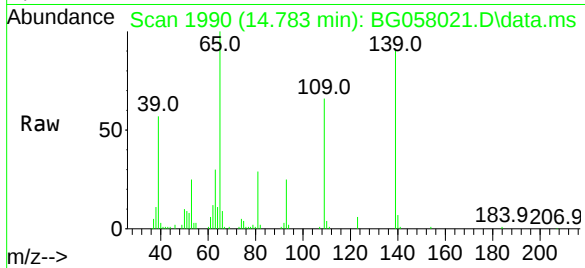




#55
4-Nitrophenol
Concen: 28.837 ng/ul
RT: 14.783 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

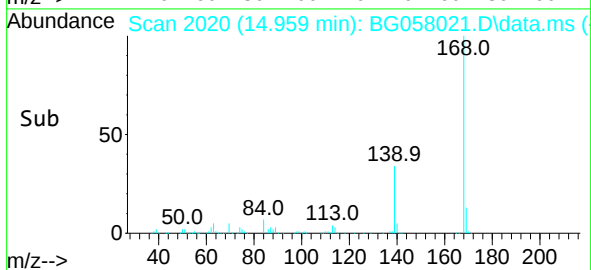
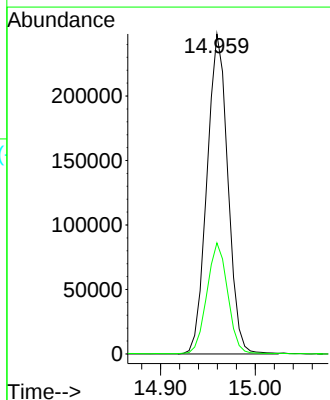
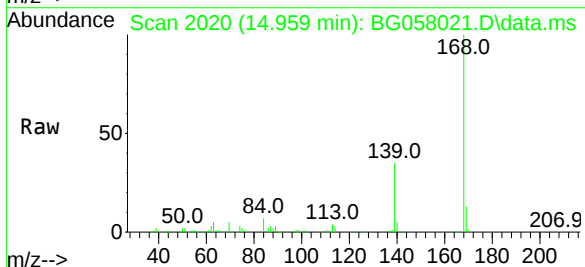
Instrument :
BNA_G
ClientSampleId :
SP6215

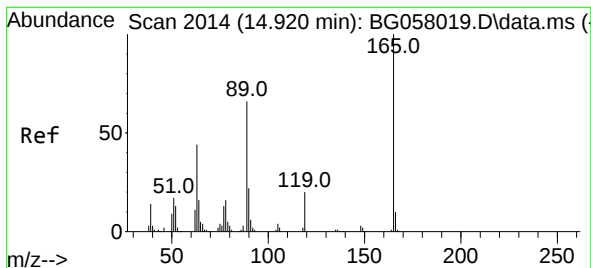
Tgt Ion:109 Resp: 41444
Ion Ratio Lower Upper
109 100
139 137.7 119.0 178.4
65 151.9 135.5 203.3



#56
Dibenzofuran
Concen: 30.106 ng/ul
RT: 14.959 min Scan# 2020
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:168 Resp: 379991
Ion Ratio Lower Upper
168 100
139 34.7 27.6 41.4

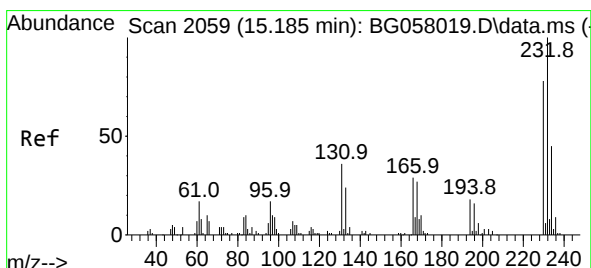
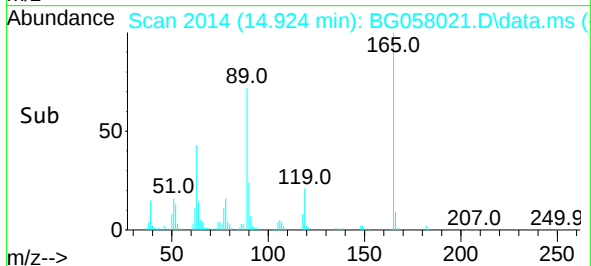
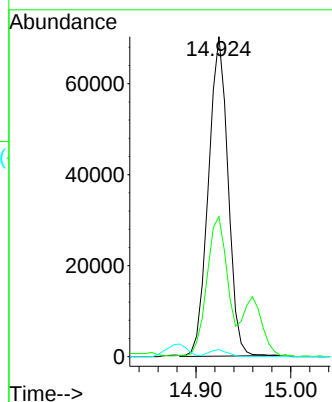
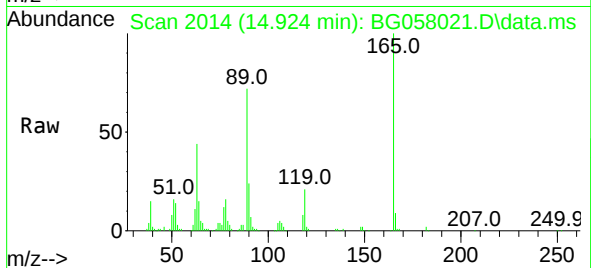




#57
2,4-Dinitrotoluene
Concen: 31.394 ng/ul
RT: 14.924 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

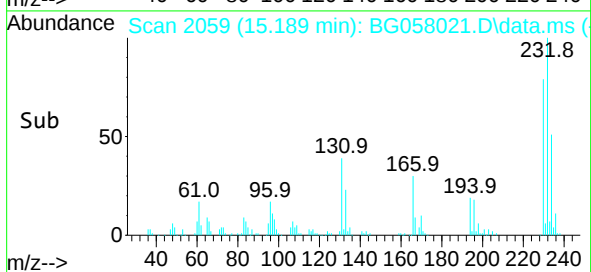
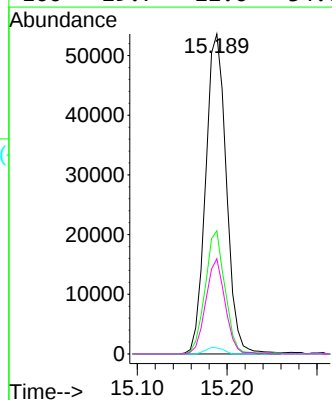
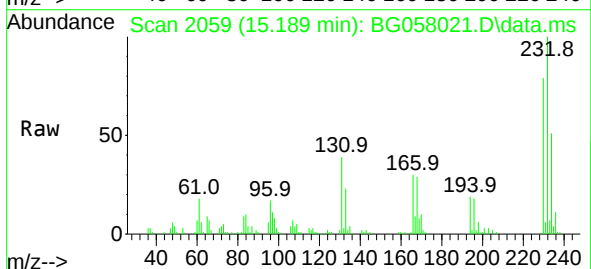
Instrument :
BNA_G
ClientSampleId :
SP6215

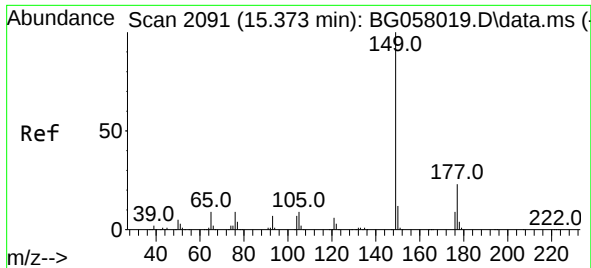
Tgt Ion:165 Resp: 100722
Ion Ratio Lower Upper
165 100
63 43.8 35.8 53.8
182 2.2 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.321 ng/ul
RT: 15.189 min Scan# 2059
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:232 Resp: 85808
Ion Ratio Lower Upper
232 100
131 38.5 30.5 45.7
130 1.9 1.4 2.0
166 29.7 22.6 34.0

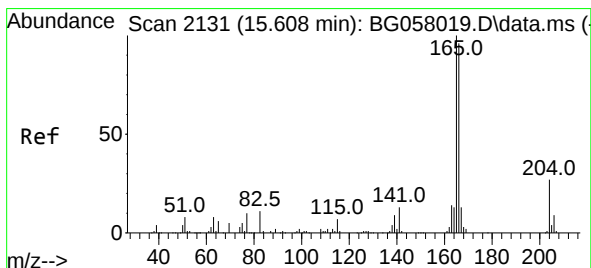
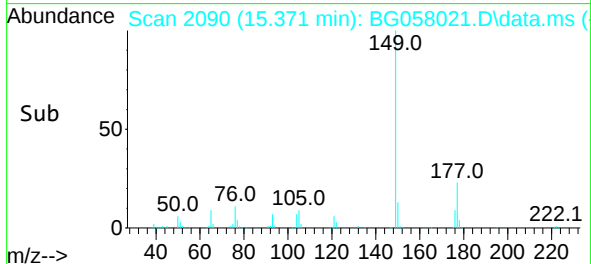
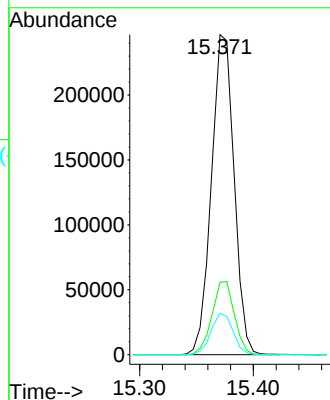
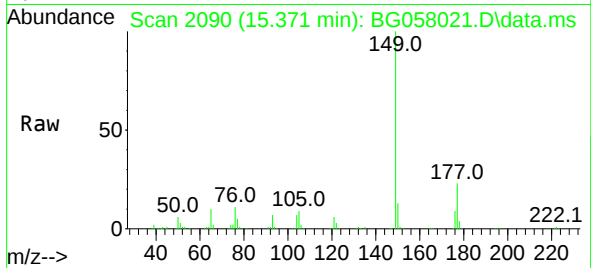




#59
Diethylphthalate
Concen: 29.652 ng/ul
RT: 15.371 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

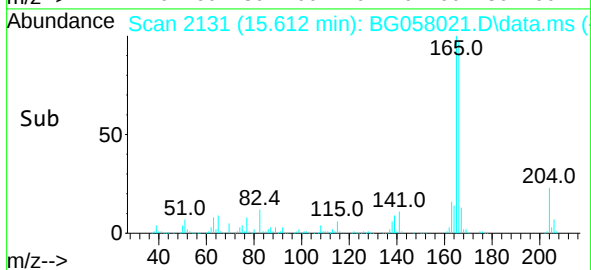
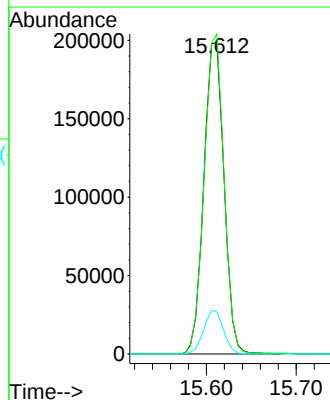
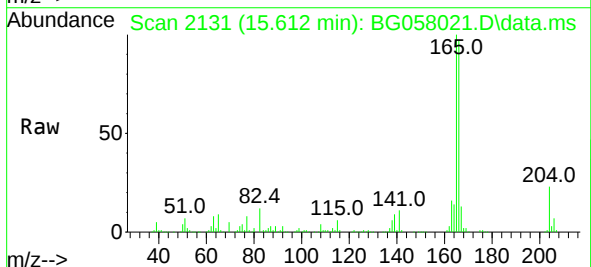
Instrument :
BNA_G
ClientSampleId :
SP6215

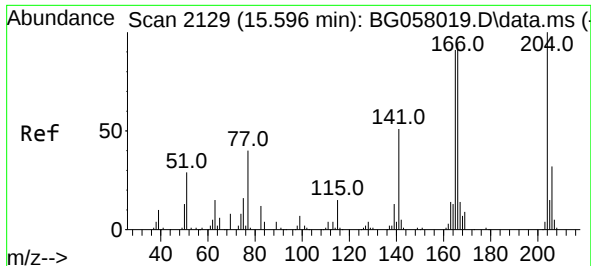
Tgt Ion:149 Resp: 341417
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.9 10.1 15.1



#61
Fluorene
Concen: 30.004 ng/ul
RT: 15.612 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:166 Resp: 310733
Ion Ratio Lower Upper
166 100
165 102.7 79.1 118.7
167 13.6 10.7 16.1





#62

4-Chlorophenyl-phenylether

Concen: 31.193 ng/ul

RT: 15.600 min Scan# 2129

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

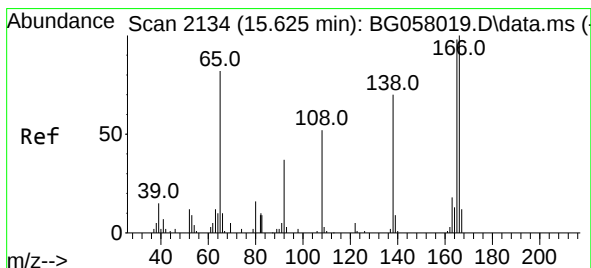
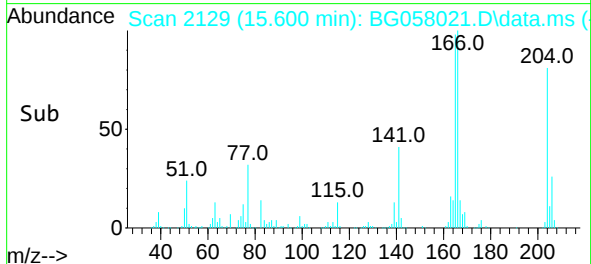
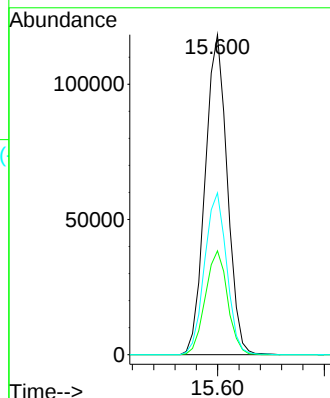
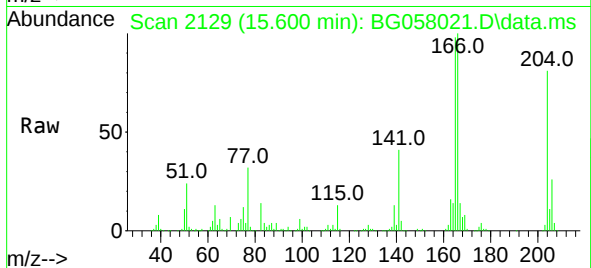
Tgt Ion:204 Resp: 170931

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

141 50.5 41.8 62.6



#63

4-Nitroaniline

Concen: 40.807 ng/ul

RT: 15.629 min Scan# 2134

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

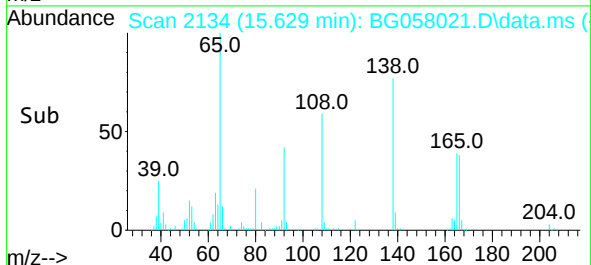
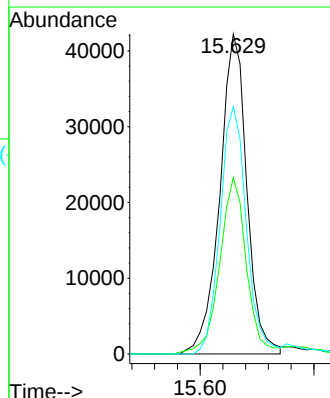
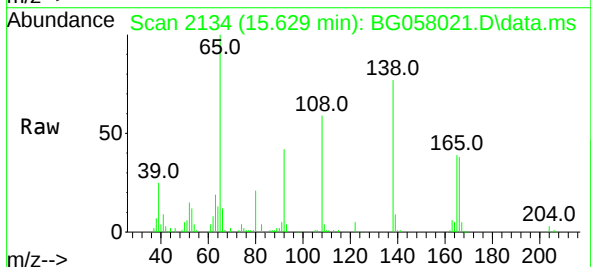
Tgt Ion:138 Resp: 69956

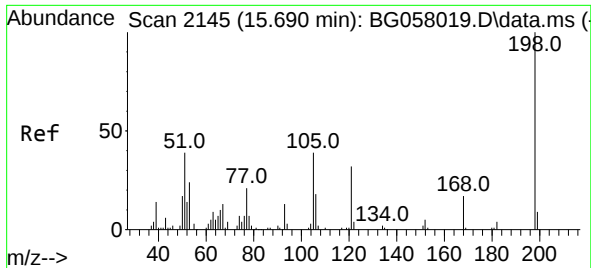
Ion Ratio Lower Upper

138 100

92 55.1 43.8 65.8

108 77.3 58.8 88.2

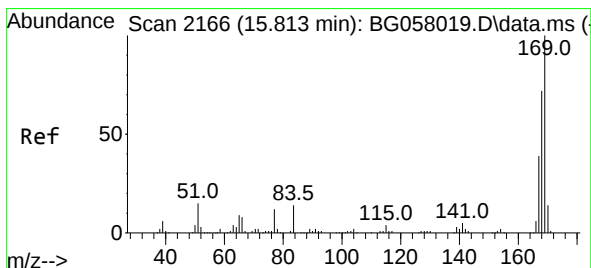
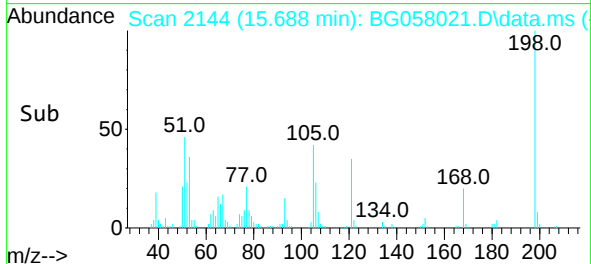
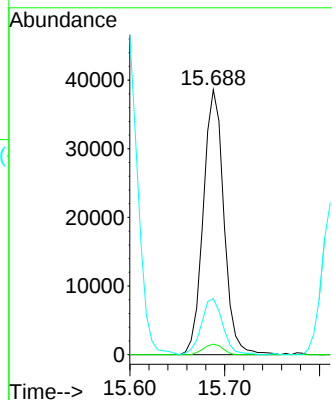
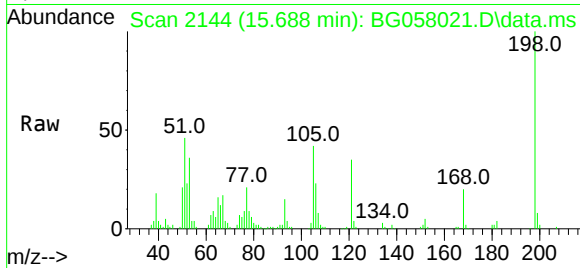




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.531 ng/ul
 RT: 15.688 min Scan# 2144
 Delta R.T. -0.002 min
 Lab File: BG058021.D
 Acq: 5 Jul 2023 17:49

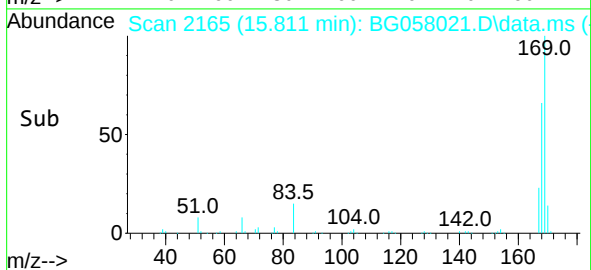
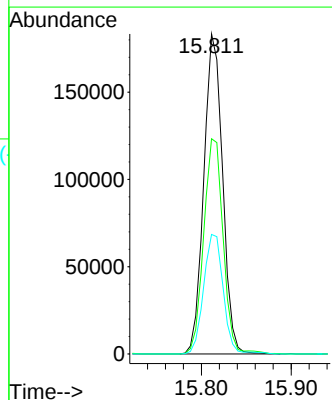
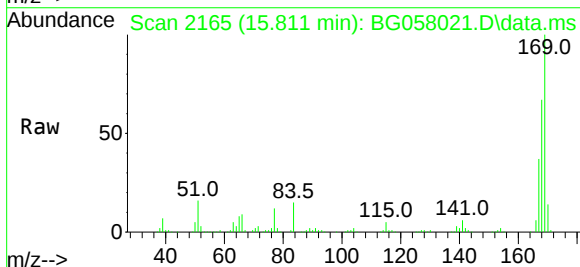
Instrument :
 BNA_G
 ClientSampleId :
 SP6215

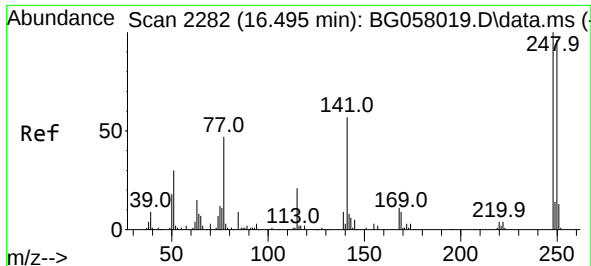
Tgt Ion:198 Resp: 58087
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.1 4.7
 77 21.2 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 30.164 ng/ul
 RT: 15.811 min Scan# 2165
 Delta R.T. -0.002 min
 Lab File: BG058021.D
 Acq: 5 Jul 2023 17:49

Tgt Ion:169 Resp: 266315
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.2
 167 37.4 30.8 46.2

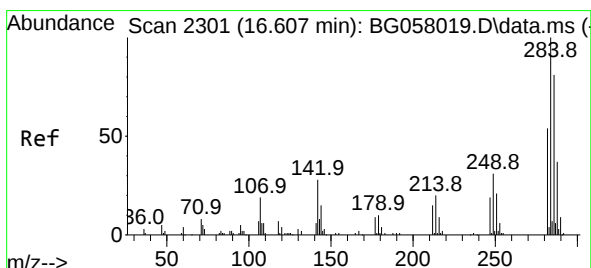
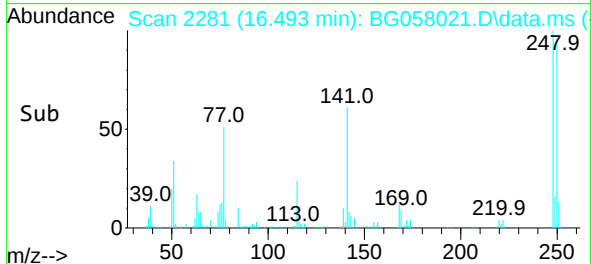
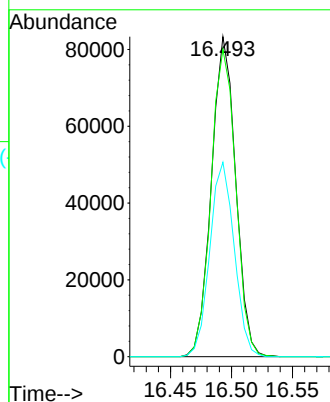
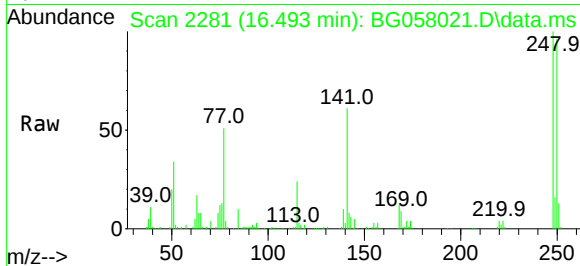




#68
4-Bromophenyl-phenylether
Concen: 31.703 ng/ul
RT: 16.493 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

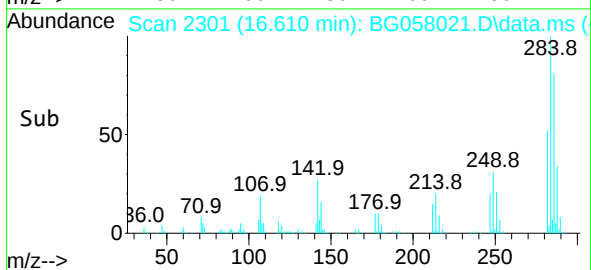
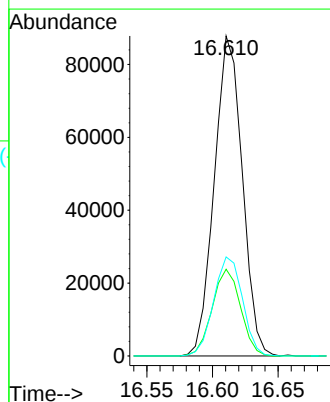
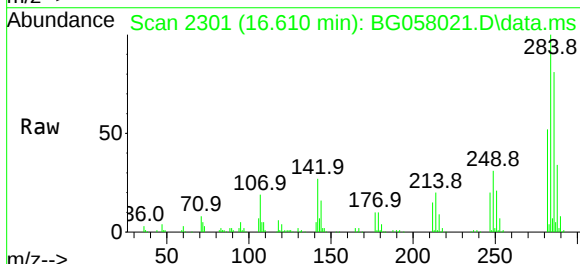
Instrument :
BNA_G
ClientSampleId :
SP6215

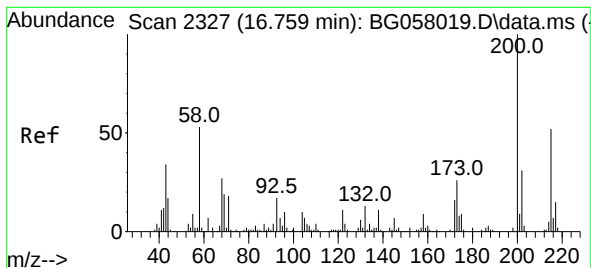
Tgt Ion:248 Resp: 115449
Ion Ratio Lower Upper
248 100
250 96.0 78.3 117.5
141 60.8 49.1 73.7



#69
Hexachlorobenzene
Concen: 31.930 ng/ul
RT: 16.610 min Scan# 2301
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:284 Resp: 130184
Ion Ratio Lower Upper
284 100
142 27.1 21.9 32.9
249 31.0 25.0 37.6





#70

Atrazine

Concen: 20.295 ng/ul

RT: 16.763 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

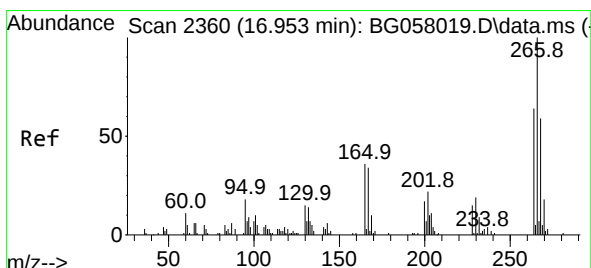
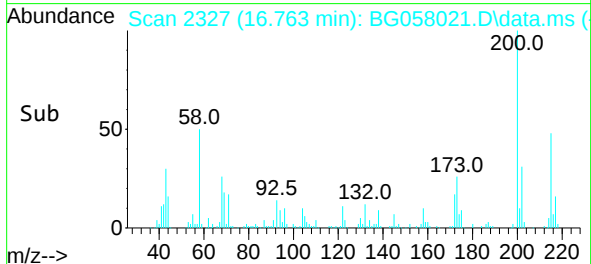
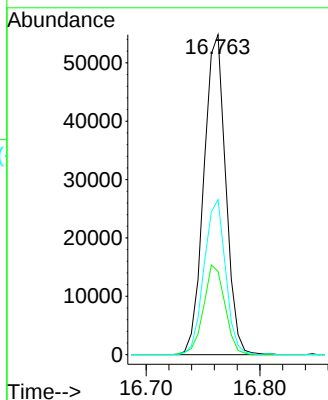
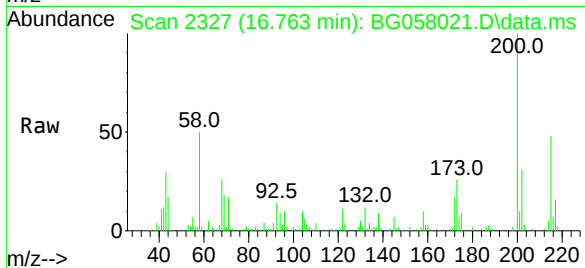
Tgt Ion:200 Resp: 73272

Ion Ratio Lower Upper

200 100

173 26.0 20.0 30.0

215 48.4 35.8 53.8



#71

Pentachlorophenol

Concen: 27.897 ng/ul

RT: 16.957 min Scan# 2360

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

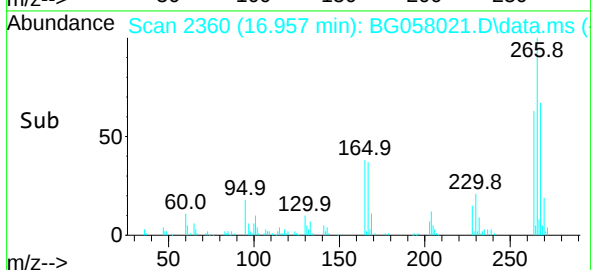
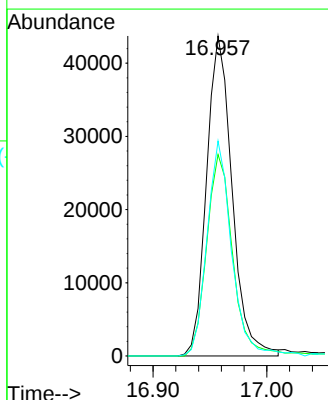
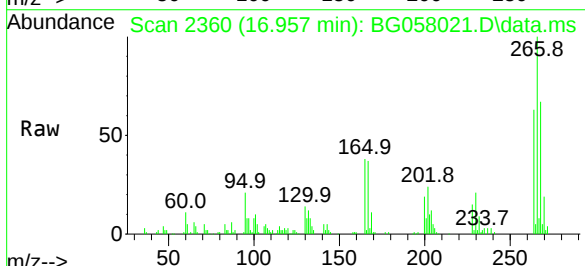
Tgt Ion:266 Resp: 68283

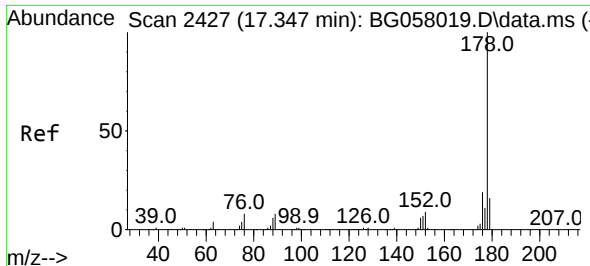
Ion Ratio Lower Upper

266 100

264 62.9 51.5 77.3

268 67.2 49.0 73.4

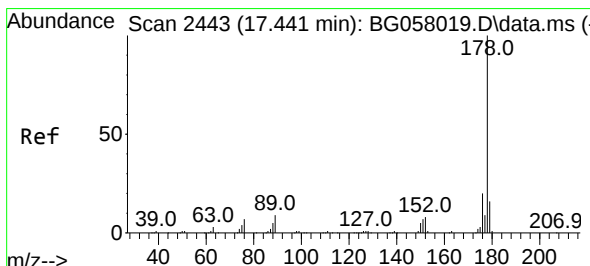
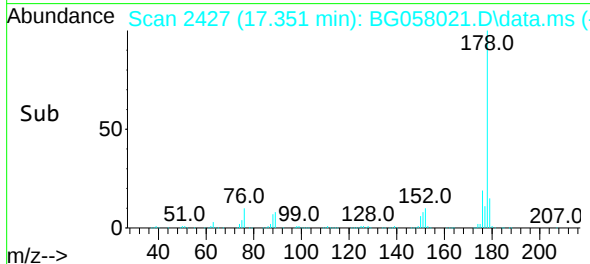
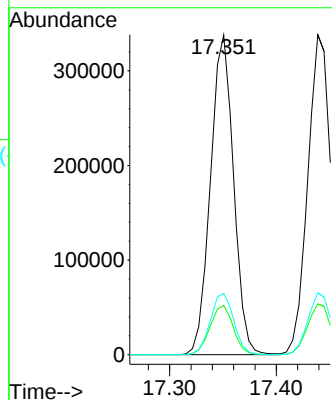
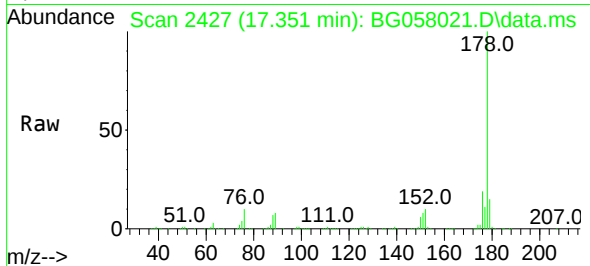




#72
Phenanthrene
Concen: 30.070 ng/ul
RT: 17.351 min Scan# 2427
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

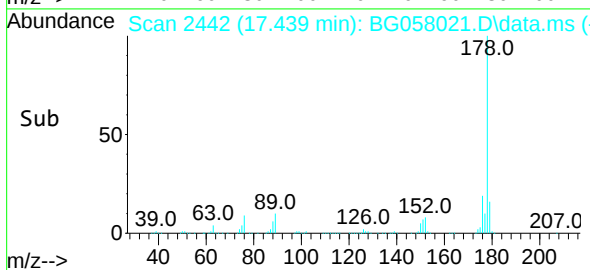
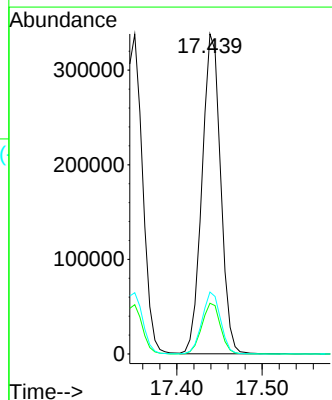
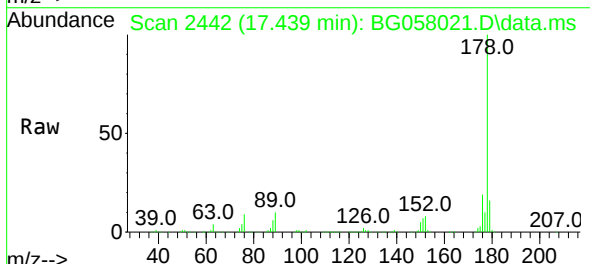
Instrument :
BNA_G
ClientSampleId :
SP6215

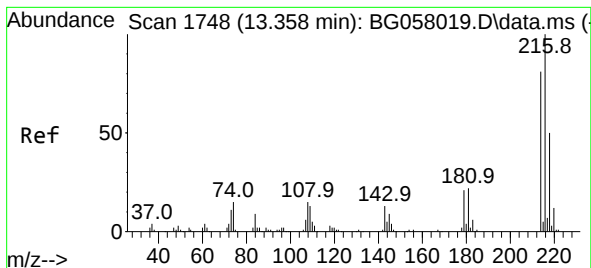
Tgt Ion:178 Resp: 507436
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.1 15.7 23.5



#74
Anthracene
Concen: 30.027 ng/ul
RT: 17.439 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:178 Resp: 512775
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.4 15.4 23.2

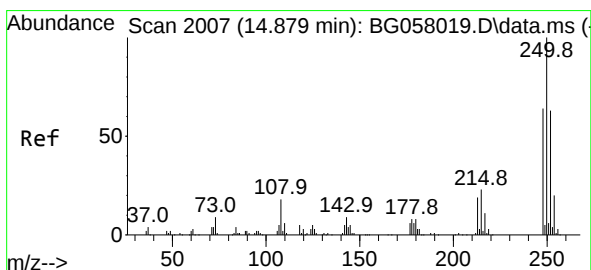
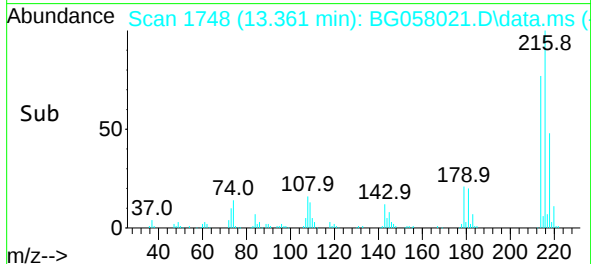
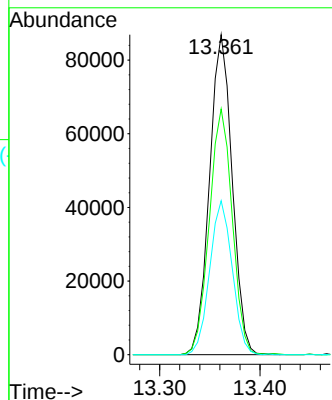
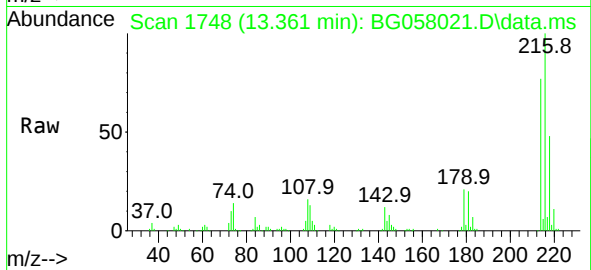




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.062 ng/uL
RT: 13.361 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

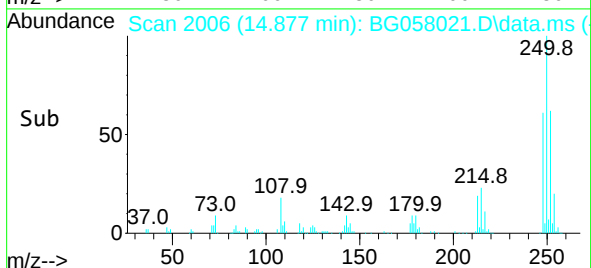
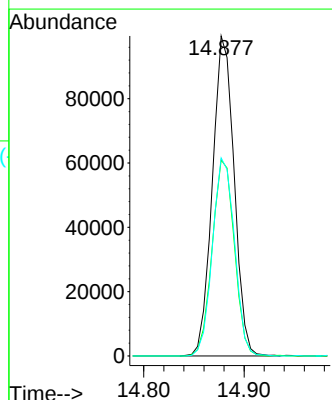
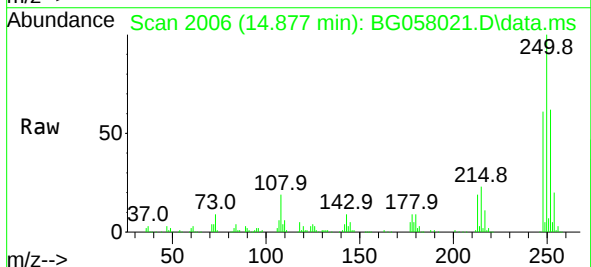
Instrument :
BNA_G
ClientSampleId :
SP6215

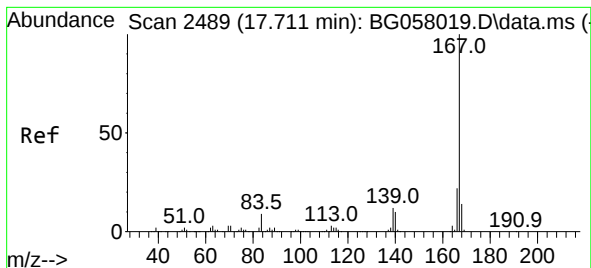
Tgt Ion:216 Resp: 136666
Ion Ratio Lower Upper
216 100
214 76.8 64.8 97.2
218 48.1 39.1 58.7



#76
Pentachlorobenzene
Concen: 31.811 ng/uL
RT: 14.877 min Scan# 2006
Delta R.T. -0.002 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:250 Resp: 149477
Ion Ratio Lower Upper
250 100
248 61.3 52.8 79.2
252 61.9 52.4 78.6





#77

Carbazole

Concen: 30.951 ng/ul

RT: 17.709 min Scan# 2488

Delta R.T. -0.002 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

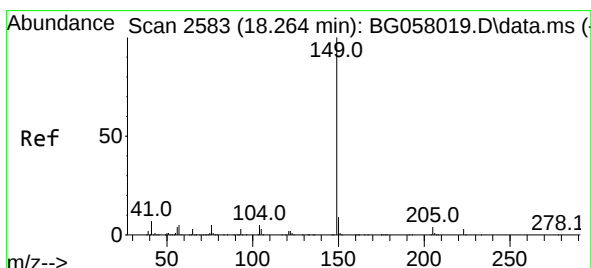
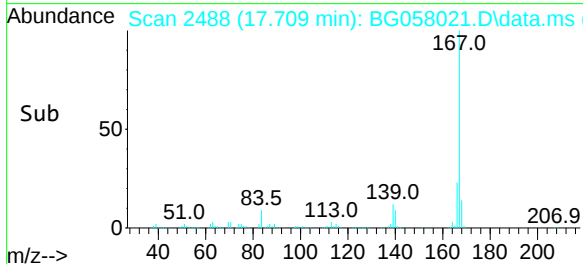
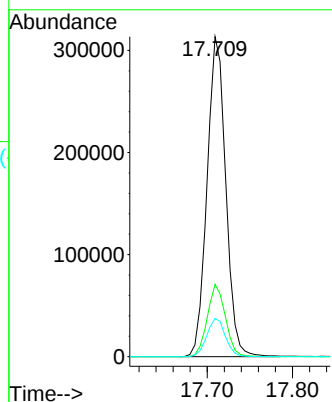
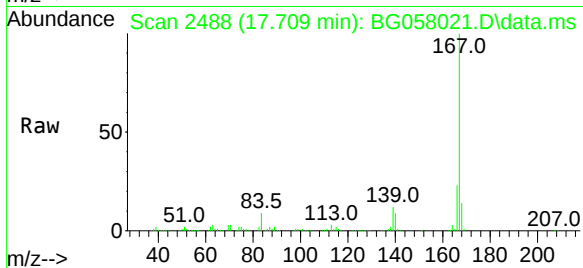
Tgt Ion:167 Resp: 478010

Ion Ratio Lower Upper

167 100

166 22.6 17.5 26.3

139 11.9 9.5 14.3



#78

Di-n-butylphthalate

Concen: 30.795 ng/ul

RT: 18.261 min Scan# 2582

Delta R.T. -0.002 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

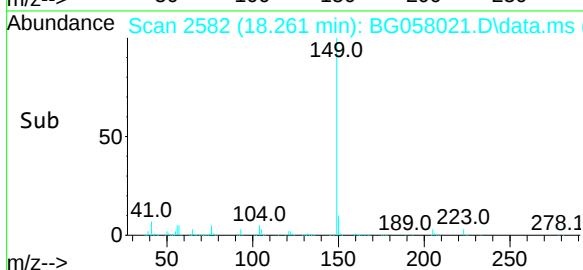
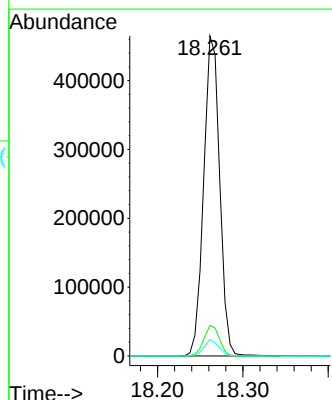
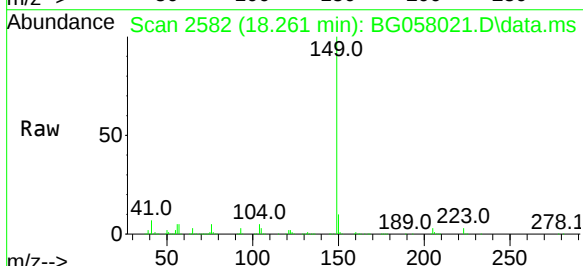
Tgt Ion:149 Resp: 605855

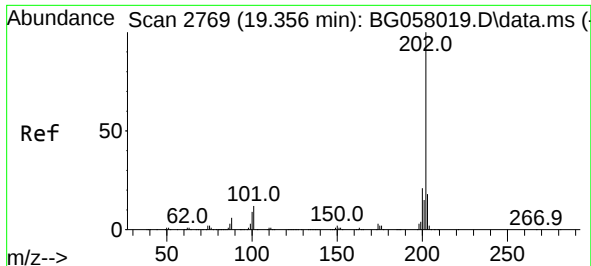
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.2 3.9 5.9

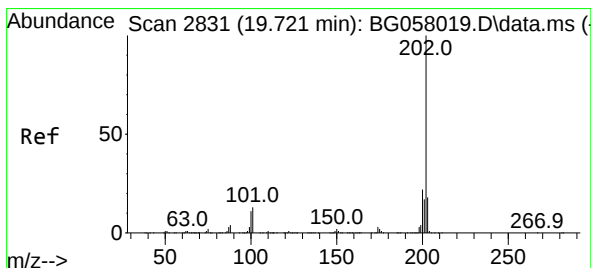
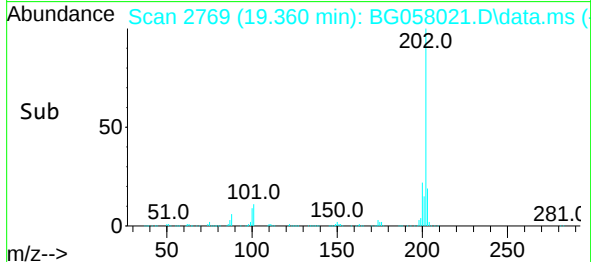
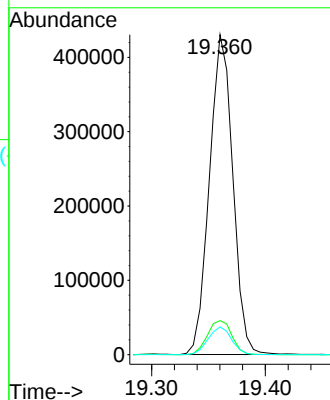
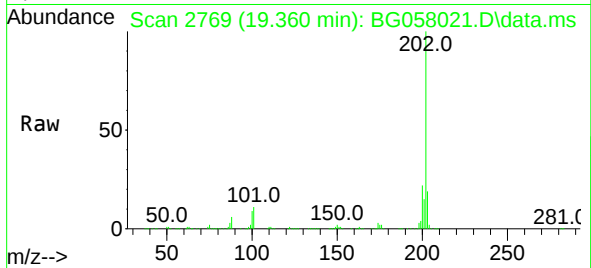




#80
Fluoranthene
Concen: 29.073 ng/u1
RT: 19.360 min Scan# 2769
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

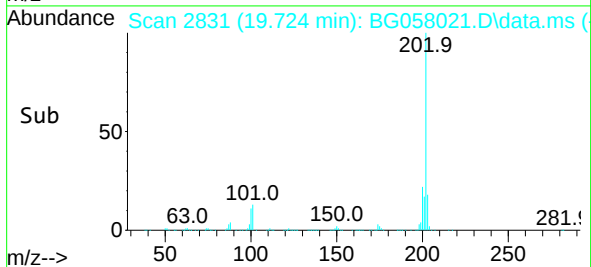
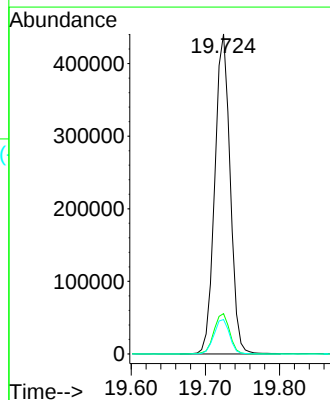
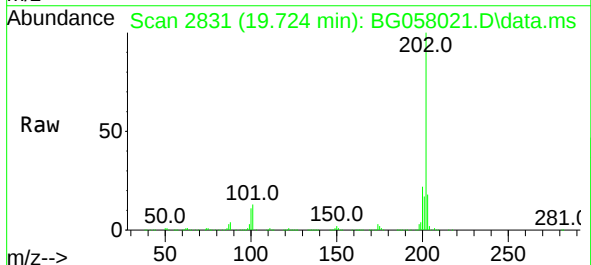
Instrument :
BNA_G
ClientSampleId :
SP6215

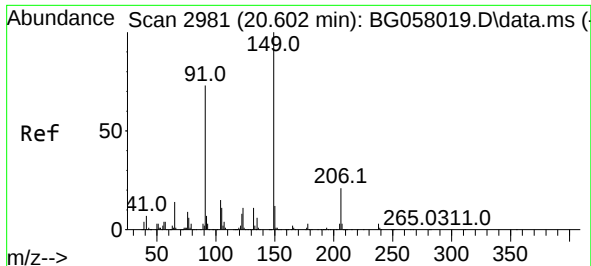
Tgt Ion:202 Resp: 614834
Ion Ratio Lower Upper
202 100
101 10.6 9.1 13.7
100 8.7 7.1 10.7



#82
Pyrene
Concen: 29.740 ng/u1
RT: 19.724 min Scan# 2831
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:202 Resp: 633105
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
100 10.8 8.9 13.3

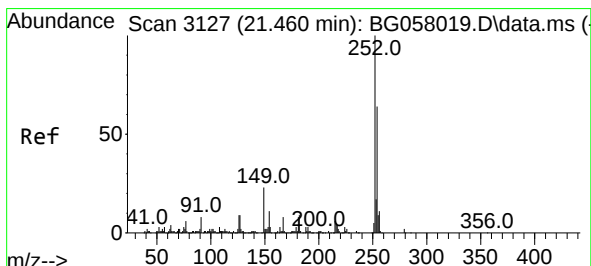
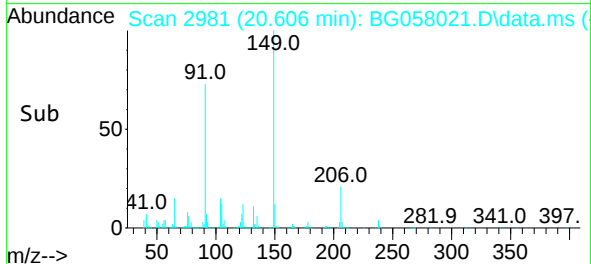
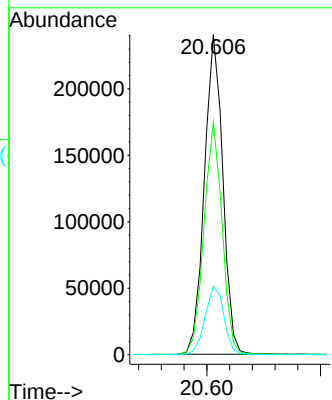
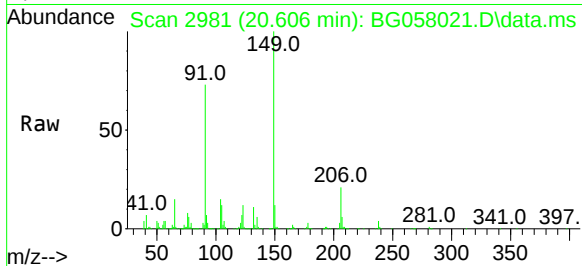




#83
Butylbenzylphthalate
Concen: 31.263 ng/ul
RT: 20.606 min Scan# 2981
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

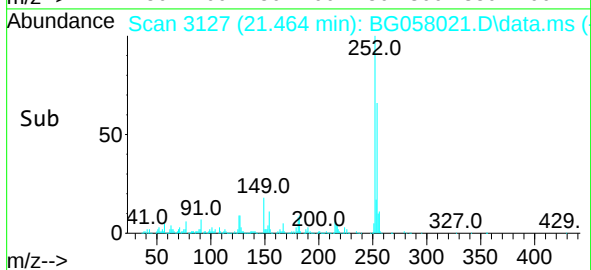
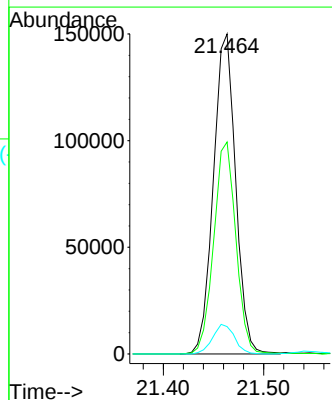
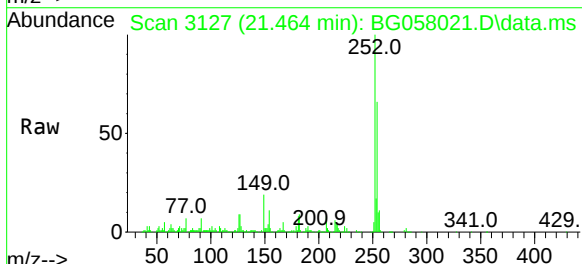
Instrument :
BNA_G
ClientSampleId :
SP6215

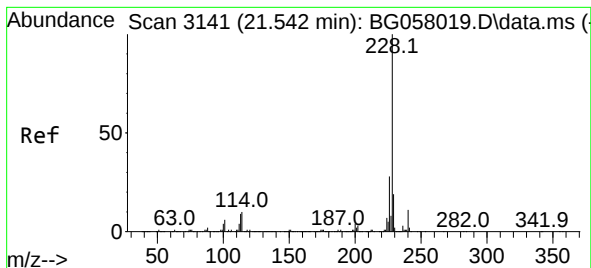
Tgt Ion:149 Resp: 269872
Ion Ratio Lower Upper
149 100
91 72.7 56.5 84.7
206 21.3 17.4 26.0



#84
3,3'-Dichlorobenzidine
Concen: 32.923 ng/ul
RT: 21.464 min Scan# 3127
Delta R.T. 0.004 min
Lab File: BG058021.D
Acq: 5 Jul 2023 17:49

Tgt Ion:252 Resp: 230971
Ion Ratio Lower Upper
252 100
254 66.3 50.7 76.1
126 8.5 6.6 10.0





#85

Benzo(a)anthracene

Concen: 30.327 ng/ul

RT: 21.546 min Scan# 3141

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

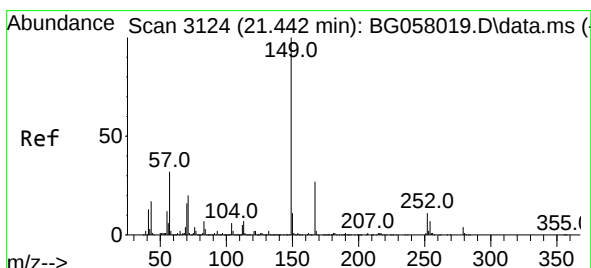
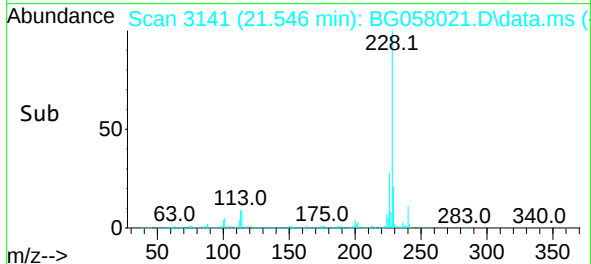
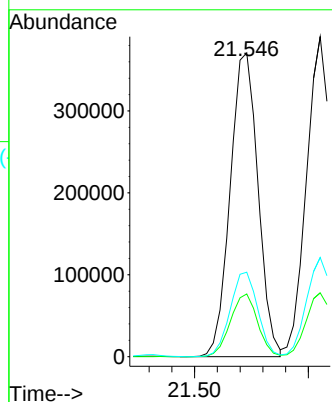
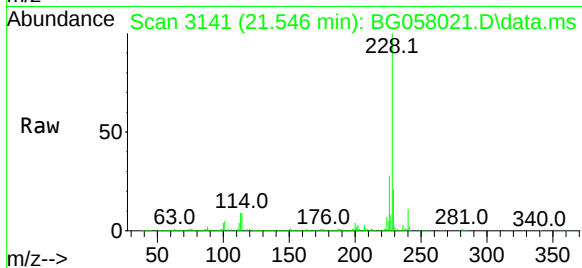
Tgt Ion:228 Resp: 631016

Ion Ratio Lower Upper

228 100

229 20.6 16.0 24.0

226 27.8 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.580 ng/ul

RT: 21.446 min Scan# 3124

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

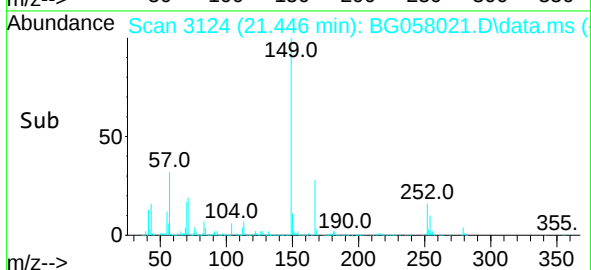
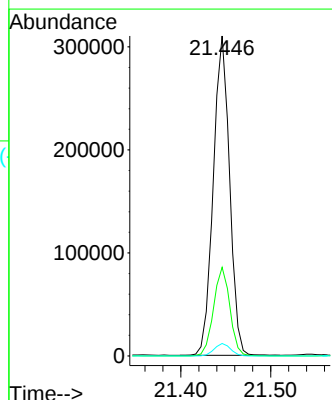
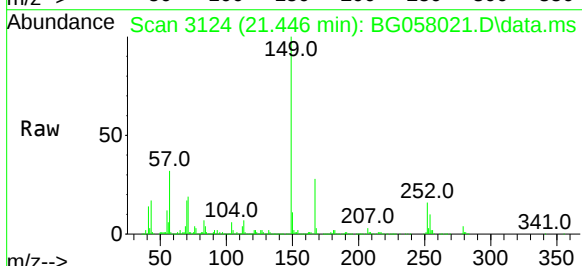
Tgt Ion:149 Resp: 390653

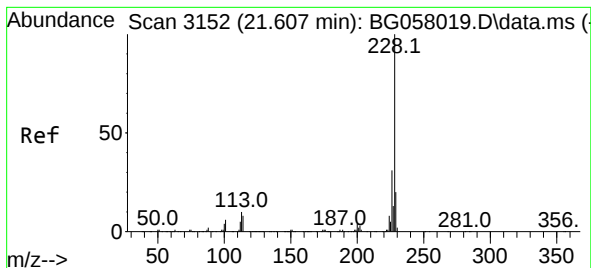
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 3.9 3.1 4.7





#87

Chrysene

Concen: 30.667 ng/ul

RT: 21.610 min Scan# 3152

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

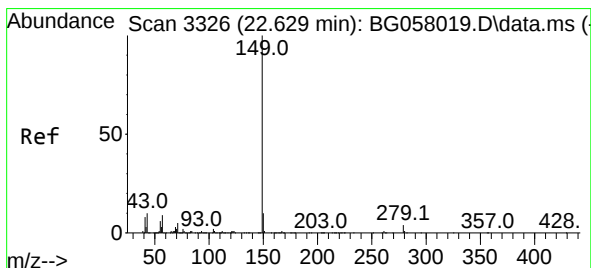
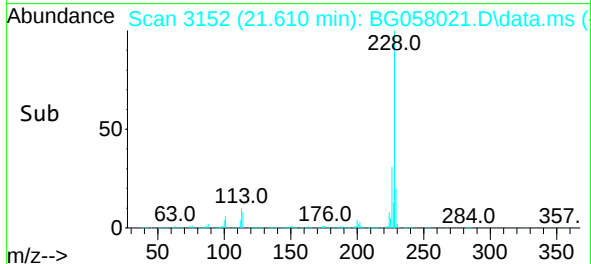
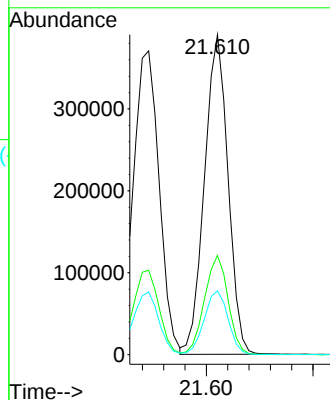
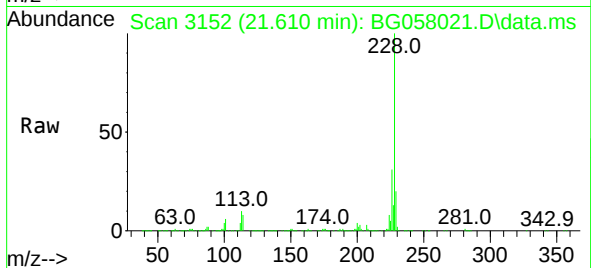
Tgt Ion:228 Resp: 598163

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.803 ng/ul

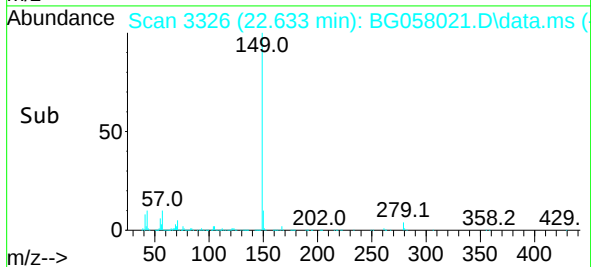
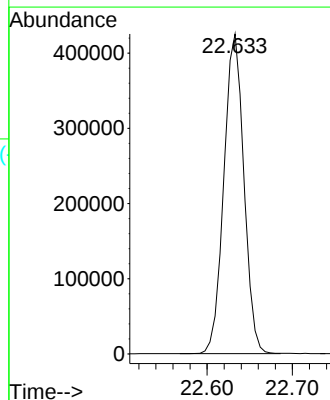
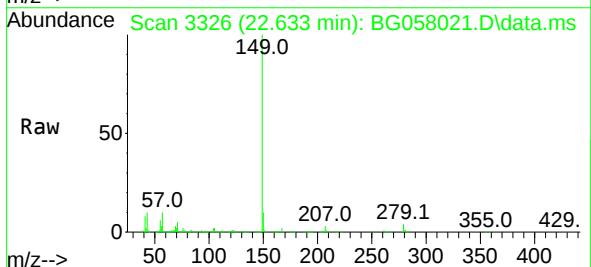
RT: 22.633 min Scan# 3326

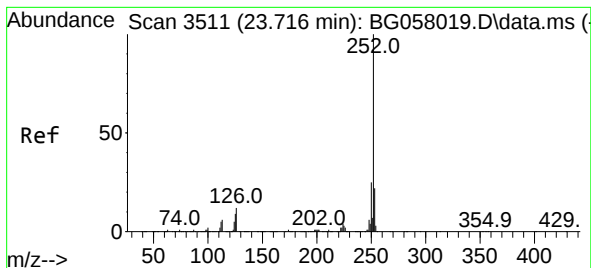
Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Tgt Ion:149 Resp: 693783





#90

Benzo(b)fluoranthene

Concen: 30.056 ng/ul

RT: 23.720 min Scan# 3511

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

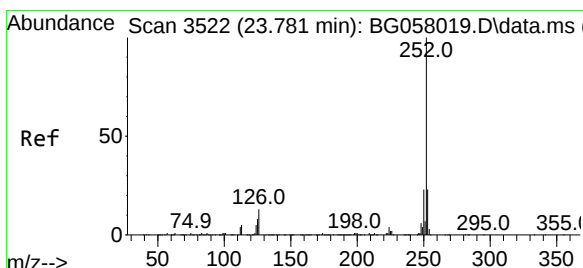
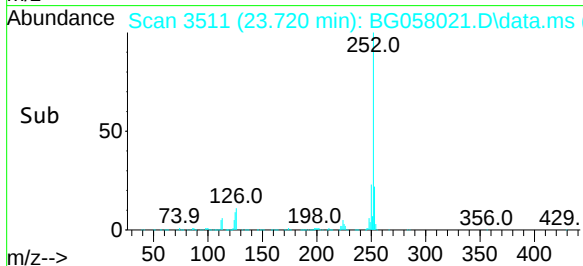
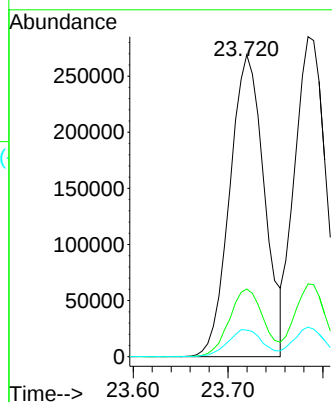
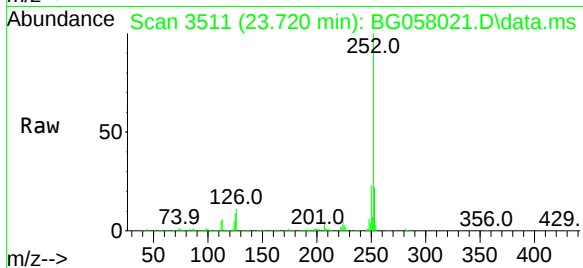
Tgt Ion:252 Resp: 682194

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 8.8 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 29.465 ng/ul

RT: 23.784 min Scan# 3522

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

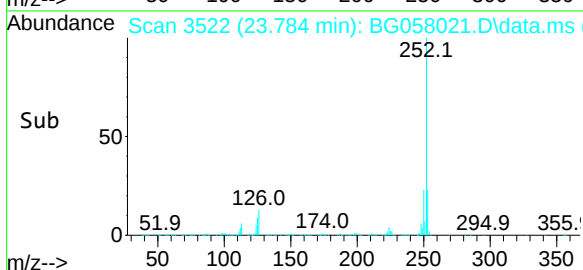
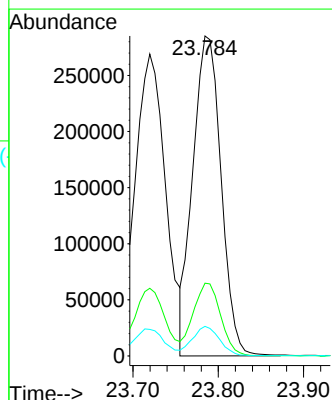
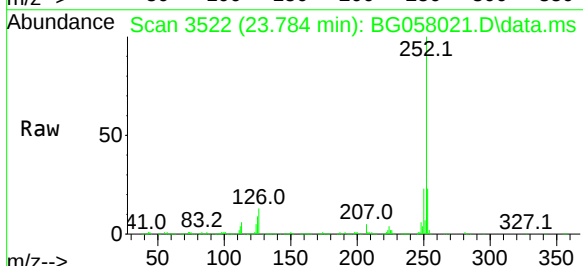
Tgt Ion:252 Resp: 655534

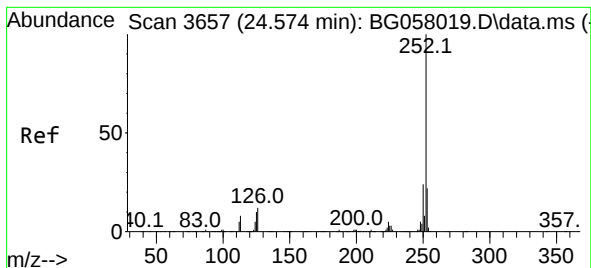
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 9.3 7.4 11.2





#93

Benzo(a)pyrene

Concen: 30.150 ng/u1

RT: 24.578 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

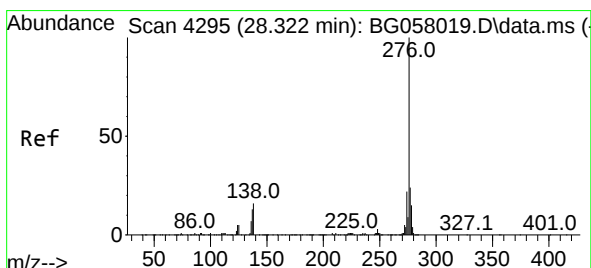
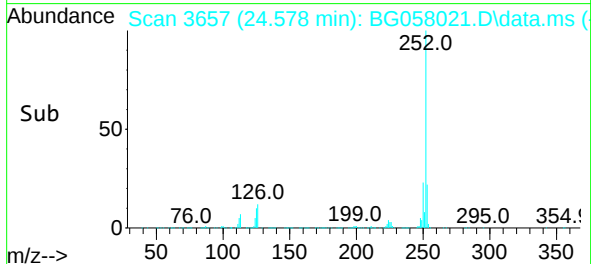
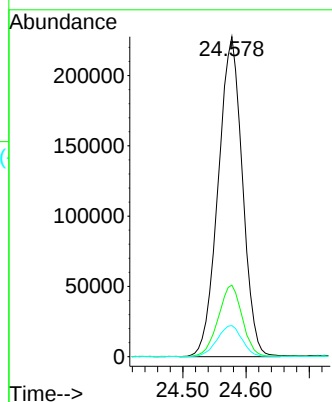
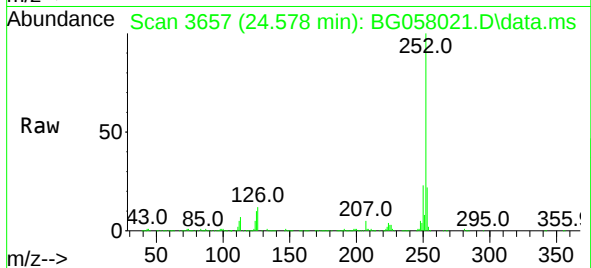
Tgt Ion:252 Resp: 605697

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.7 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.129 ng/u1

RT: 28.332 min Scan# 4296

Delta R.T. 0.010 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

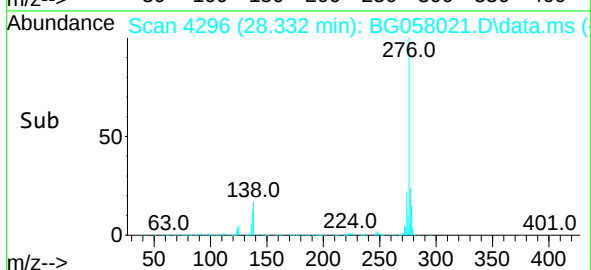
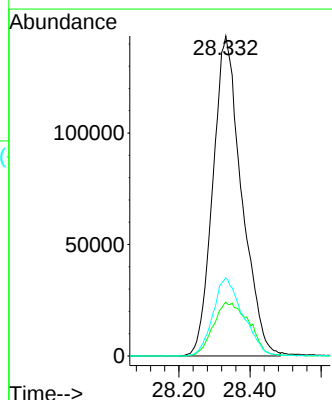
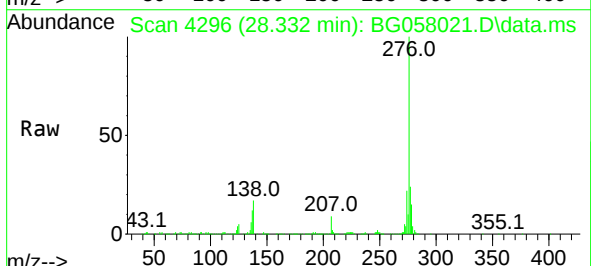
Tgt Ion:276 Resp: 803751

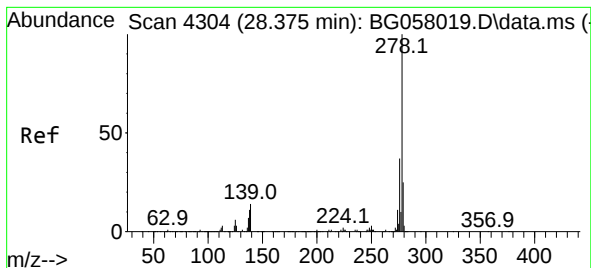
Ion Ratio Lower Upper

276 100

138 16.9 14.0 21.0

277 24.4 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 30.289 ng/ul

RT: 28.385 min Scan# 41

Delta R.T. 0.010 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Instrument :

BNA_G

ClientSampleId :

SP6215

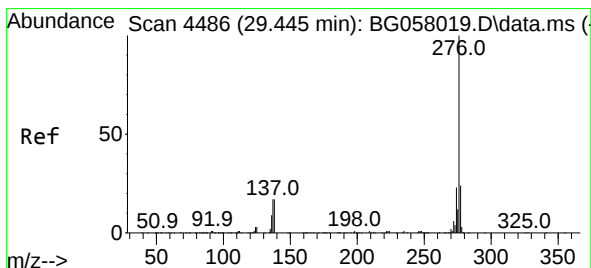
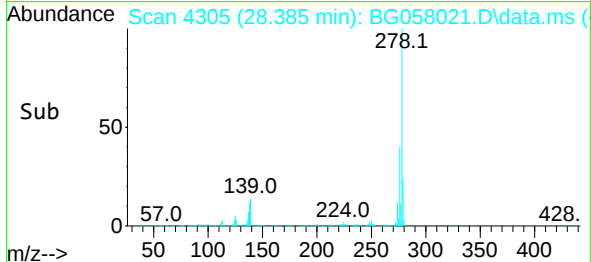
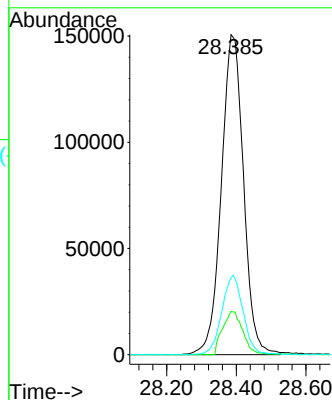
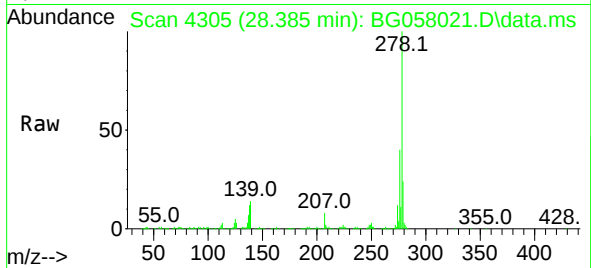
Tgt Ion:278 Resp: 666315

Ion Ratio Lower Upper

278 100

139 13.5 11.3 16.9

279 24.0 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 29.905 ng/ul

RT: 29.460 min Scan# 4488

Delta R.T. 0.016 min

Lab File: BG058021.D

Acq: 5 Jul 2023 17:49

Tgt Ion:276 Resp: 651636

Ion Ratio Lower Upper

276 100

138 17.5 14.2 21.2

277 23.5 18.6 27.8

