

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058330.D
 Acq On : 19 Jul 2023 16:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 22:37:12 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	47162	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	232249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	170331	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	409658	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	341799	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	422422	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	11610	9.061	ng/uL	0.00
4) Pyridine-d5	3.746	84	86510	22.746	ng/ul	0.00
7) Phenol-d5	7.060	99	106170	23.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	65255	23.336	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	74329	23.734	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	80571	23.610	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	39110	22.466	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	44237	23.276	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	83334	22.874	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	117173	22.185	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	261985	19.946	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	303955	22.082	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	40143	20.237	ng/ul	0.00
60) Fluorene-d10	15.526	176	235856	21.689	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	42138	20.189	ng/ul	0.00
73) Anthracene-d10	17.377	188	378656	21.392	ng/ul	0.00
81) Pyrene-d10	19.668	212	427077	21.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	426688	20.899	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	12625	8.686	ng/uL	91
5) Pyridine	3.769	79	92943	23.140	ng/ul	97
6) Benzaldehyde	7.036	77	37838	20.942	ng/ul	98
8) Phenol	7.089	94	108211	23.291	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.312	93	81398	22.869	ng/ul	99
12) 2-Chlorophenol	7.459	128	76354	23.292	ng/ul	99
13) 2-Methylphenol	8.340	108	85756	23.682	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.417	45	134116	22.993	ng/ul	97
16) Acetophenone	8.716	105	133352	22.946	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	71342	22.429	ng/ul	96
18) 4-Methylphenol	8.664	108	94699	24.064	ng/ul	96
19) Hexachloroethane	8.975	117	29737	23.013	ng/ul	88
22) Nitrobenzene	9.098	77	102465	22.072	ng/ul	99
23) Isophorone	9.621	82	210136	20.190	ng/ul	100
25) 2-Nitrophenol	9.809	139	47810	23.552	ng/ul	96
26) 2,4-Dimethylphenol	9.868	107	101142	22.345	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	117971	21.402	ng/ul	98
29) 2,4-Dichlorophenol	10.350	162	80529	23.288	ng/ul	92
30) Naphthalene	10.749	128	272459	21.948	ng/ul	99
32) 4-Chloroaniline	10.861	127	121540	22.516	ng/ul	99
33) Hexachlorobutadiene	11.031	225	54620	22.090	ng/ul	97
34) Caprolactam	11.613	113	29631	20.631	ng/ul	93
35) 4-Chloro-3-methylphenol	11.989	107	100187	22.766	ng/ul	99
36) 2-Methylnaphthalene	12.359	142	184519	22.186	ng/ul	98

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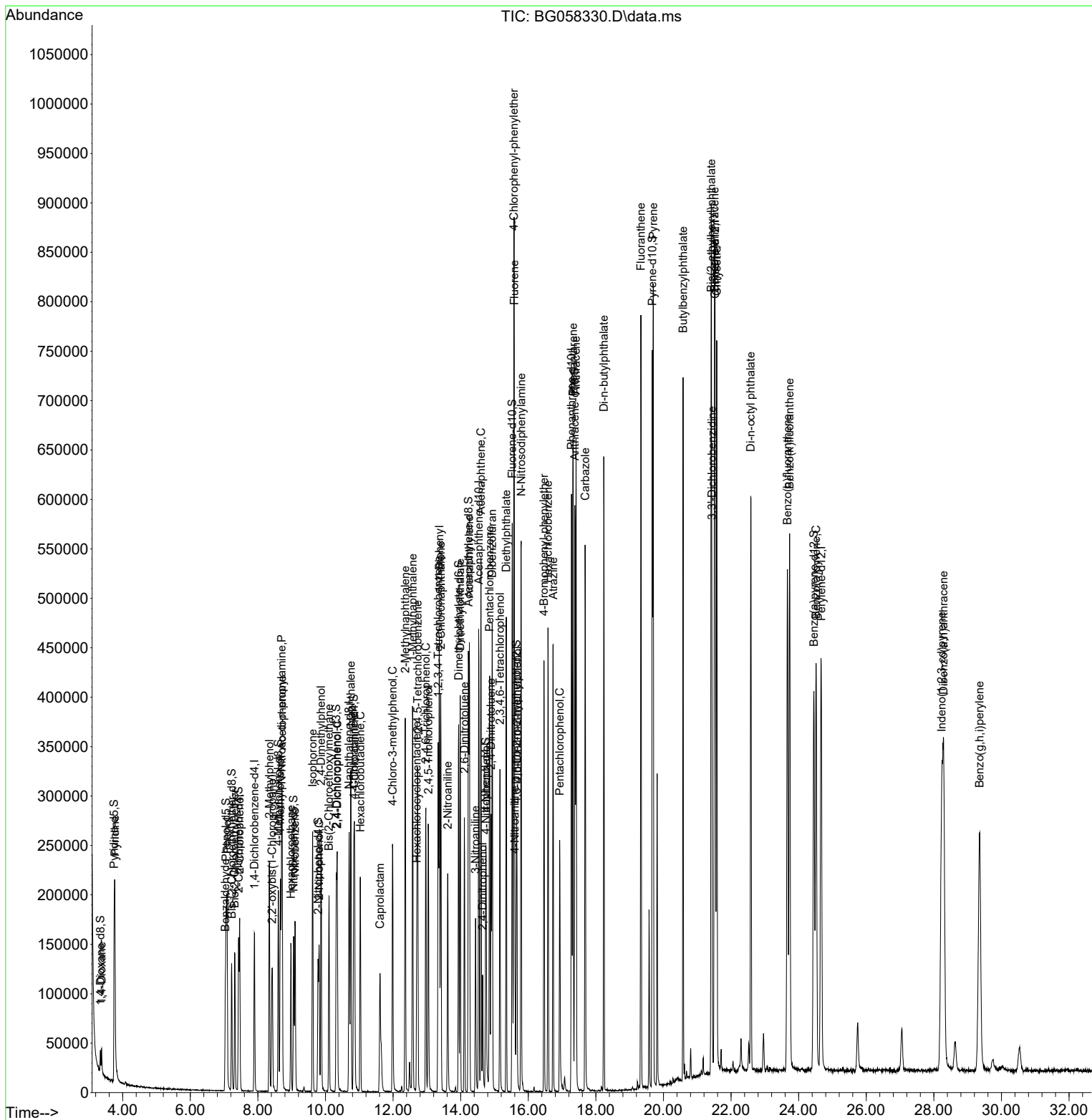
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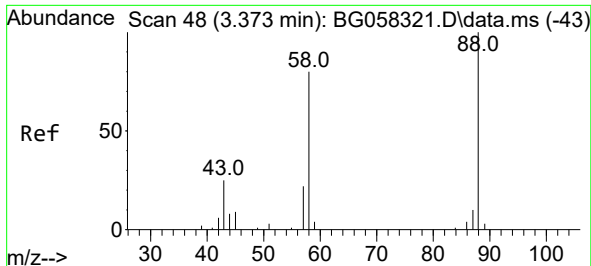
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	189231	22.200	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.729	216	107691	21.841	ng/ul	98
40) Hexachlorocyclopentadiene	12.700	237	53373	20.126	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	76808	23.011	ng/ul	95
42) 2,4,5-Trichlorophenol	13.047	196	77099	21.661	ng/ul	98
43) 1,1'-Biphenyl	13.370	154	251707	21.854	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	204656	22.348	ng/ul	98
45) 2-Nitroaniline	13.617	65	71329	22.424	ng/ul	98
47) Dimethylphthalate	13.987	163	266448	20.196	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	56446	22.141	ng/ul	99
50) Acenaphthylene	14.257	152	330194	22.223	ng/ul	99
51) 3-Nitroaniline	14.439	138	45260	21.303	ng/ul	96
52) Acenaphthene	14.598	153	226207	21.928	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	30282	22.318	ng/ul	96
55) 4-Nitrophenol	14.751	109	31147	20.389	ng/ul	91
56) Dibenzofuran	14.933	168	321775	21.906	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	83168	22.618	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.162	232	71954	21.881	ng/ul#	97
59) Diethylphthalate	15.350	149	274713	20.212	ng/ul	98
61) Fluorene	15.585	166	262955	21.830	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	138271	21.623	ng/ul	97
63) 4-Nitroaniline	15.603	138	32662	16.990	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.661	198	44229	20.597	ng/ul	94
67) N-Nitrosodiphenylamine	15.791	169	219438	21.610	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	93952	21.652	ng/ul	95
69) Hexachlorobenzene	16.584	284	106276	21.706	ng/ul	95
70) Atrazine	16.737	200	84826	21.306	ng/ul	97
71) Pentachlorophenol	16.930	266	59102	21.505	ng/ul	97
72) Phenanthrene	17.324	178	418139	21.478	ng/ul	99
74) Anthracene	17.412	178	426029	21.798	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	115045	22.389	ng/uL	98
76) Pentachlorobenzene	14.856	250	124058	22.078	ng/uL	97
77) Carbazole	17.682	167	380875	22.482	ng/ul	99
78) Di-n-butylphthalate	18.235	149	470757	21.868	ng/ul	99
80) Fluoranthene	19.333	202	495400	21.421	ng/ul	99
82) Pyrene	19.698	202	492418	21.013	ng/ul	99
83) Butylbenzylphthalate	20.579	149	204747	22.189	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.431	252	177962	23.324	ng/ul	96
85) Benzo(a)anthracene	21.513	228	491033	21.373	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	296526	22.593	ng/ul	100
87) Chrysene	21.578	228	466695	21.416	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	511958	22.778	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	508522	20.806	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	504625	20.702	ng/ul	99
93) Benzo(a)pyrene	24.516	252	451204	20.756	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.235	276	608914	21.260	ng/ul	98
95) Dibenzo(a,h)anthracene	28.288	278	502918	21.413	ng/ul	95
96) Benzo(g,h,i)perylene	29.357	276	500700	21.457	ng/ul	99

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

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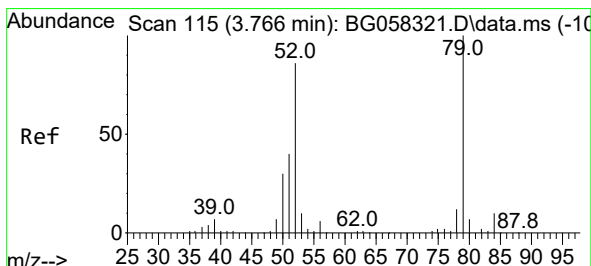
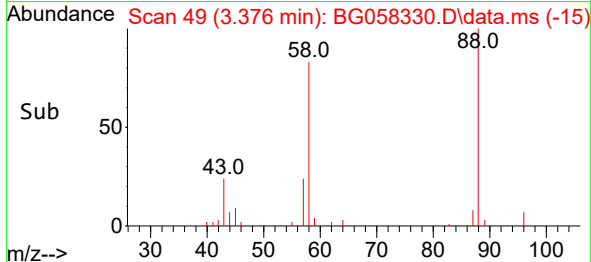
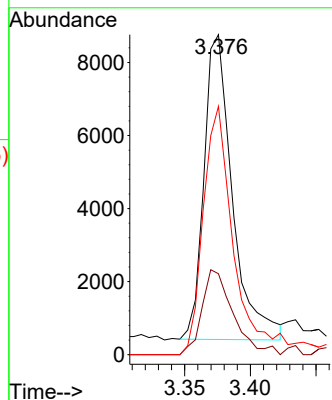
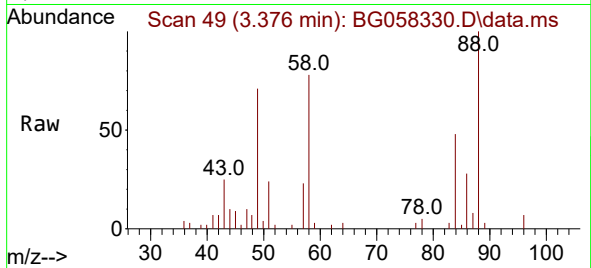




#2
1,4-Dioxane
Concen: 8.686 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
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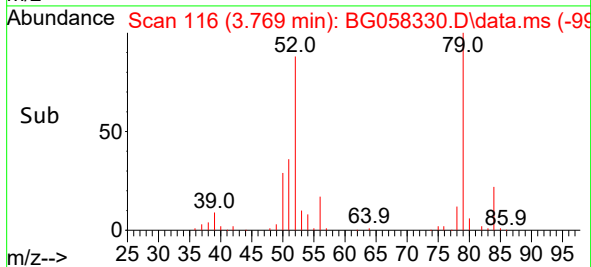
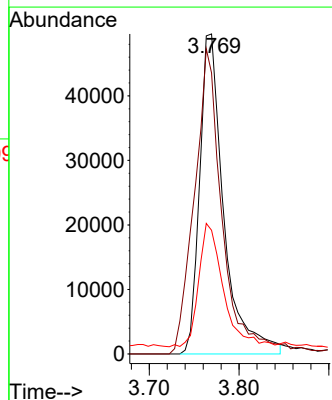
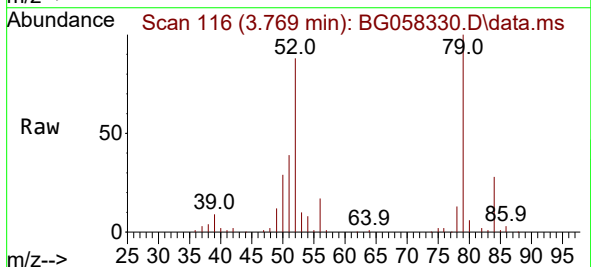
Instrument :
BNA_G
ClientSampleId :

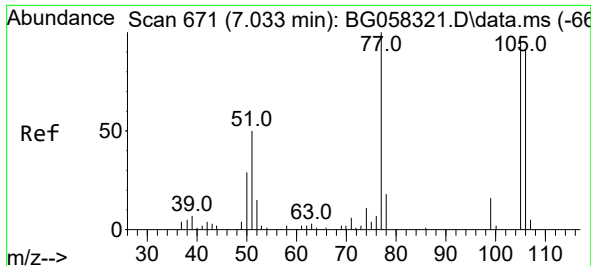
Tgt Ion: 88 Resp: 12625
Ion Ratio Lower Upper
88 100
43 25.3 19.6 29.4
58 77.6 70.2 105.4



#5
Pyridine
Concen: 23.140 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion: 79 Resp: 92943
Ion Ratio Lower Upper
79 100
52 87.8 72.3 108.5
51 38.7 33.4 50.0

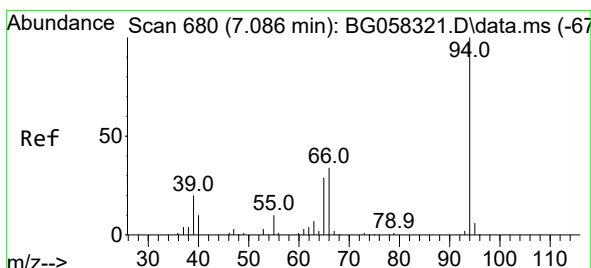
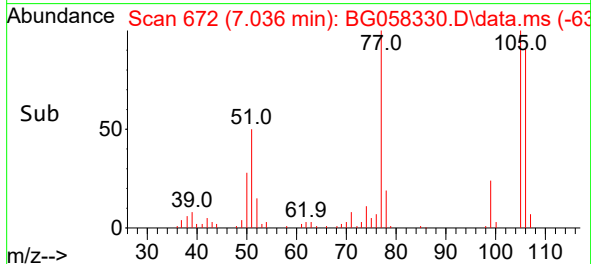
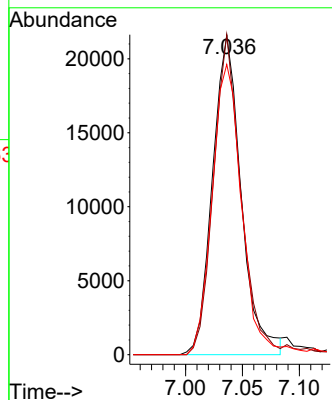
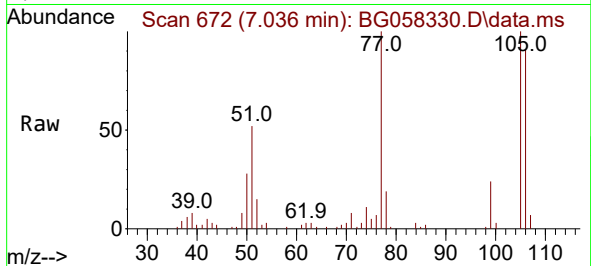




#6
Benzaldehyde
Concen: 20.942 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

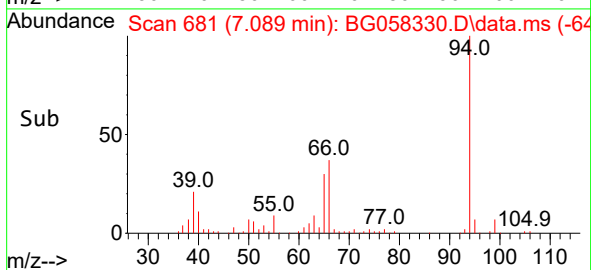
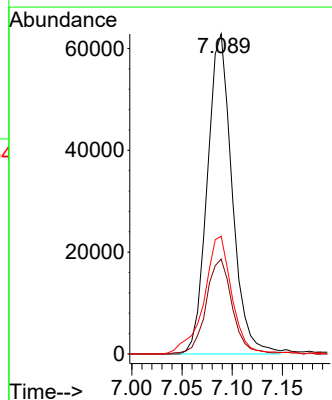
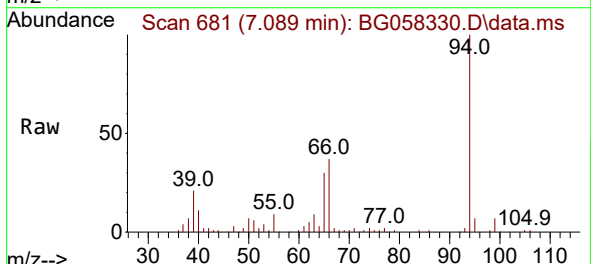
Instrument :
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ClientSampleId :

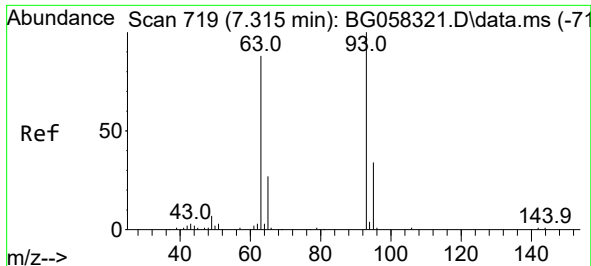
Tgt Ion: 77 Resp: 37838
Ion Ratio Lower Upper
77 100
105 100.3 78.2 117.4
106 90.9 71.6 107.4



#8
Phenol
Concen: 23.291 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

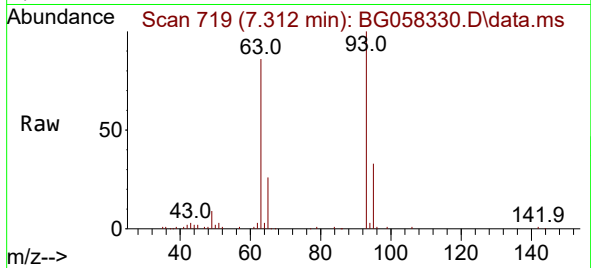
Tgt Ion: 94 Resp: 108211
Ion Ratio Lower Upper
94 100
65 29.6 23.8 35.8
66 36.8 31.2 46.8





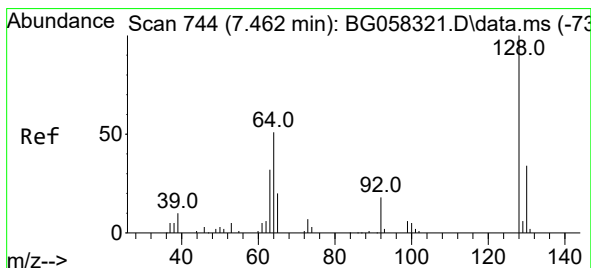
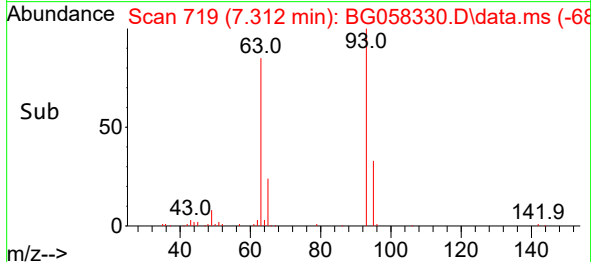
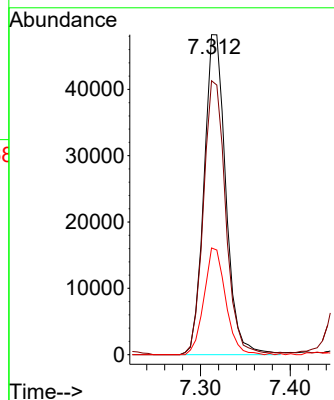
#10
Bis(2-Chloroethyl)ether
Concen: 22.869 ng/ul
RT: 7.312 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 93 Resp: 81398

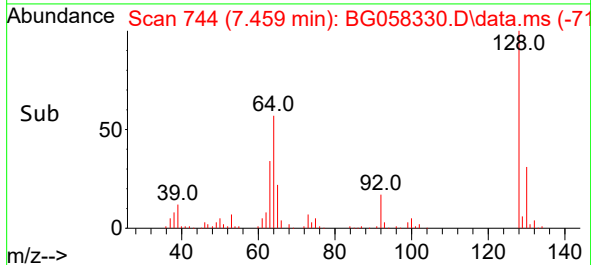
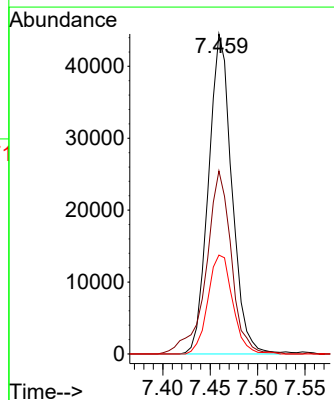
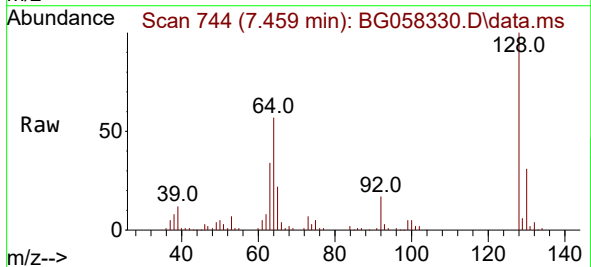
Ion	Ratio	Lower	Upper
93	100		
63	85.6	67.7	101.5
95	33.4	27.0	40.6

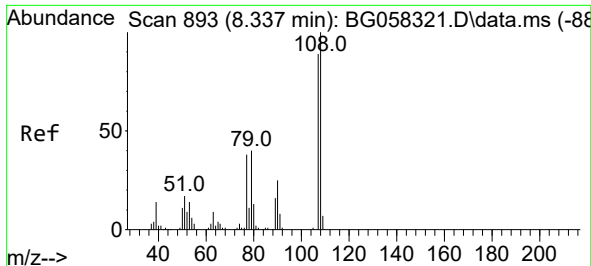


#12
2-Chlorophenol
Concen: 23.292 ng/ul
RT: 7.459 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion: 128 Resp: 76354

Ion	Ratio	Lower	Upper
128	100		
64	57.2	45.6	68.4
130	30.9	25.2	37.8

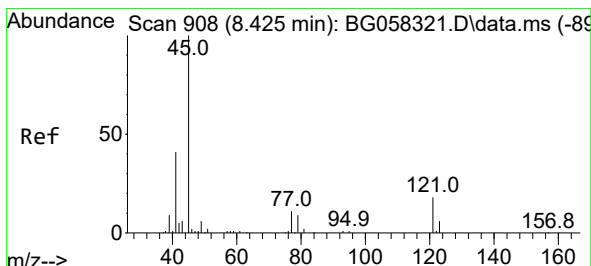
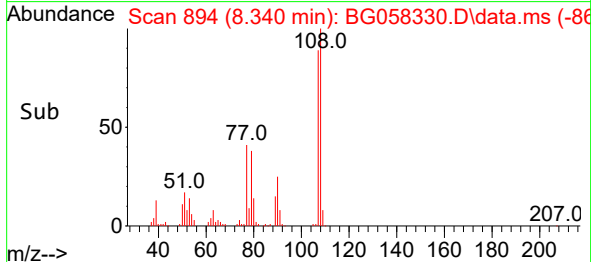
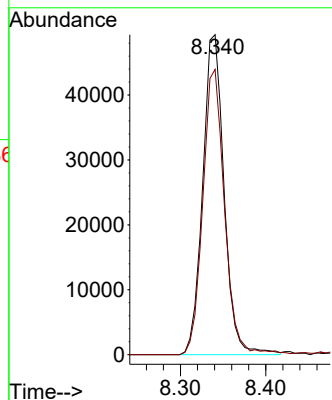
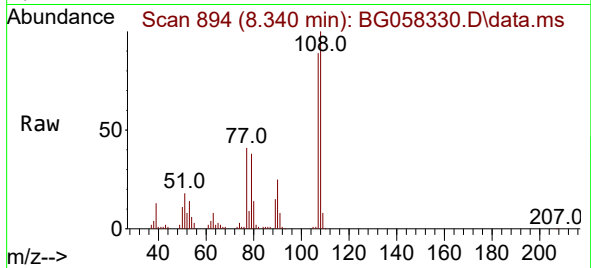




#13
2-Methylphenol
Concen: 23.682 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

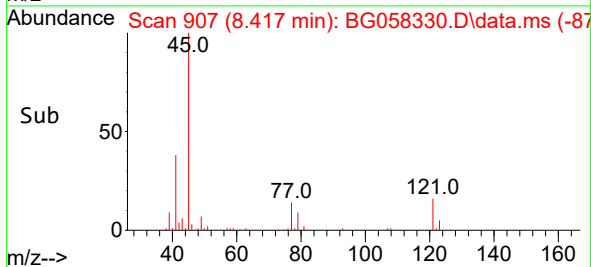
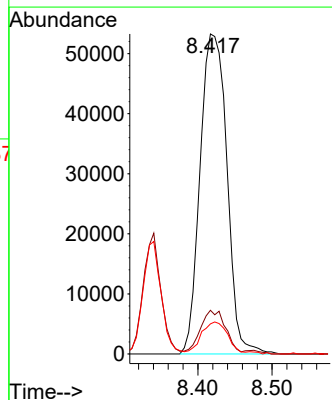
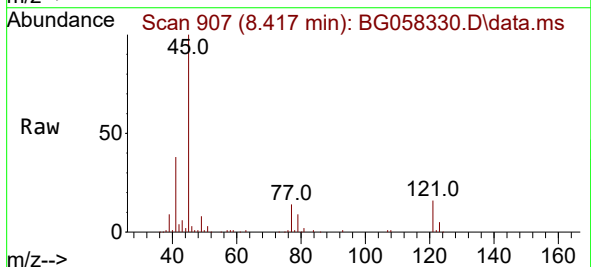
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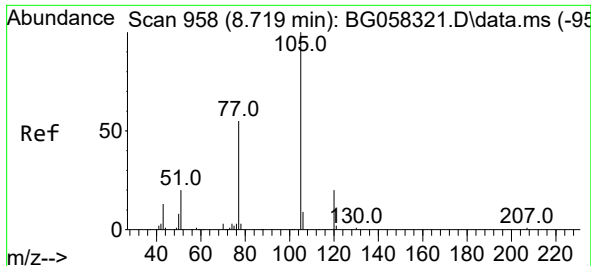
Tgt Ion:108 Resp: 85756
Ion Ratio Lower Upper
108 100
107 89.2 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.993 ng/ul
RT: 8.417 min Scan# 907
Delta R.T. -0.011 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion: 45 Resp: 134116
Ion Ratio Lower Upper
45 100
77 13.6 9.4 14.2
79 9.4 7.4 11.2

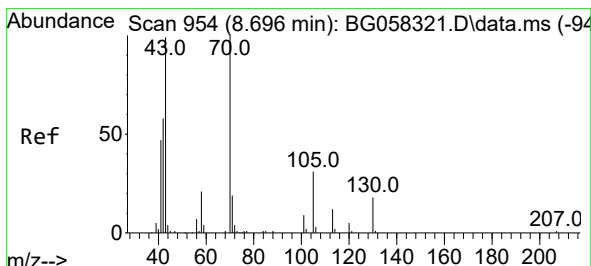
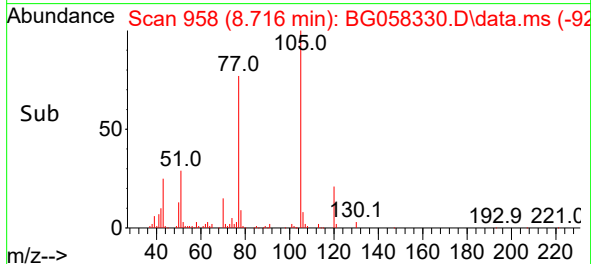
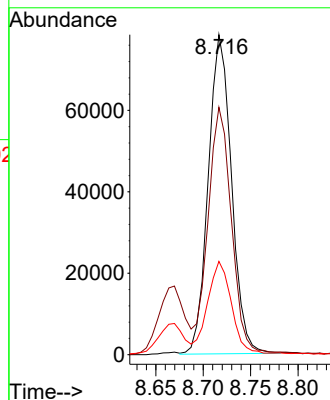
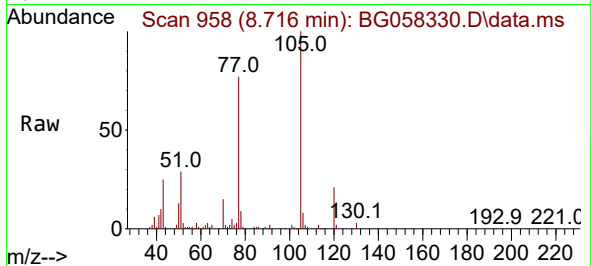




#16
Acetophenone
Concen: 22.946 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
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Acq: 19 Jul 2023 16:41

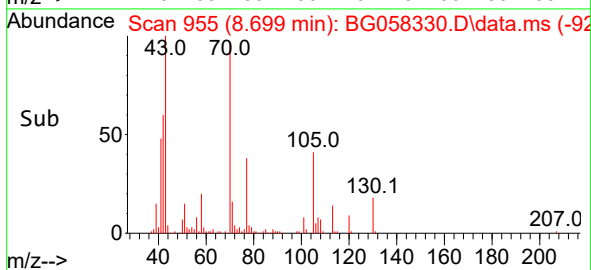
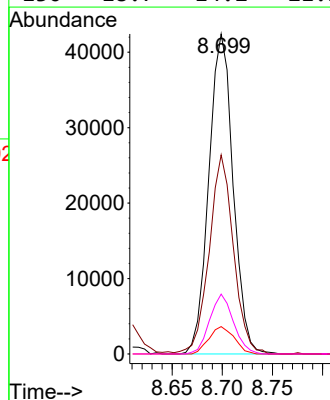
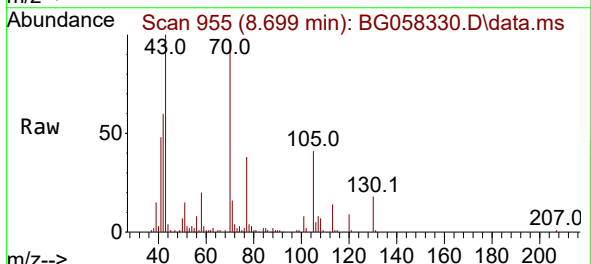
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BNA_G
ClientSampleId :

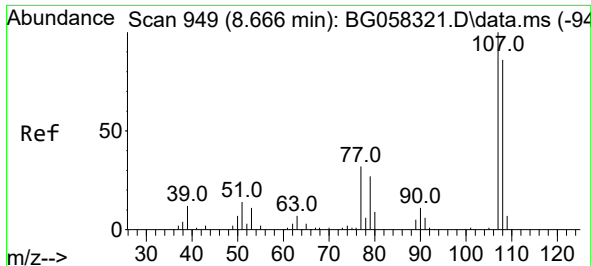
Tgt Ion:105 Resp: 133352
Ion Ratio Lower Upper
105 100
77 77.3 60.7 91.1
51 29.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 22.429 ng/ul
RT: 8.699 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion: 70 Resp: 71342
Ion Ratio Lower Upper
70 100
42 62.2 46.6 69.8
101 8.6 7.3 10.9
130 18.7 14.2 21.2

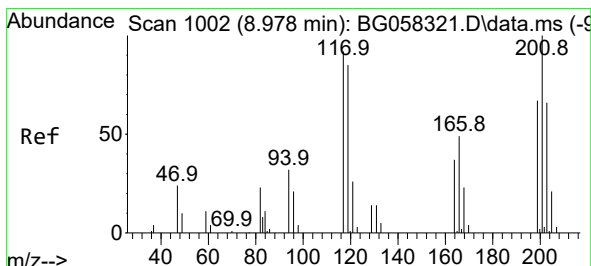
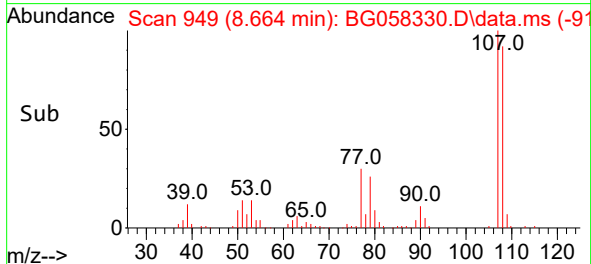
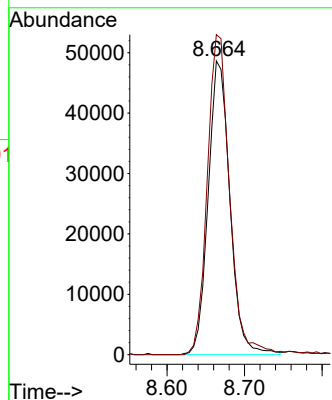
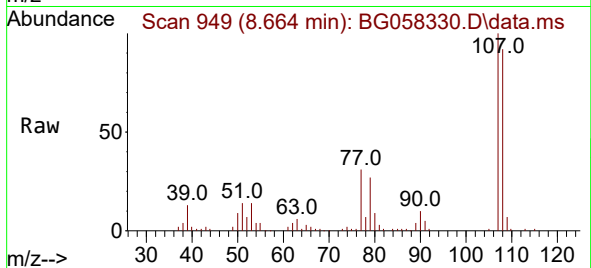




#18
4-Methylphenol
Concen: 24.064 ng/ul
RT: 8.664 min Scan# 949
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

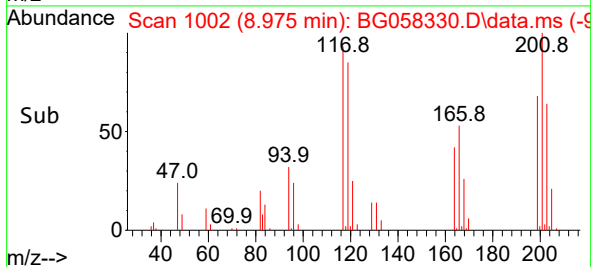
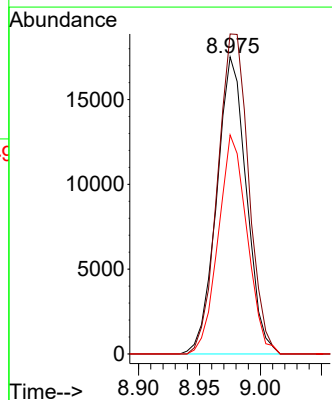
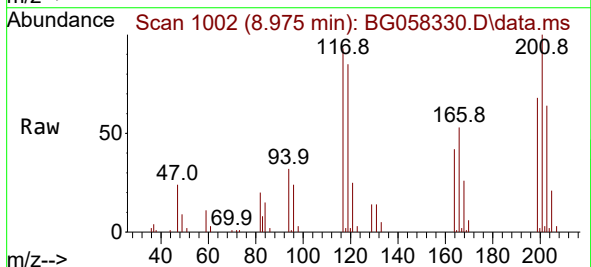
Instrument :
BNA_G
ClientSampleId :

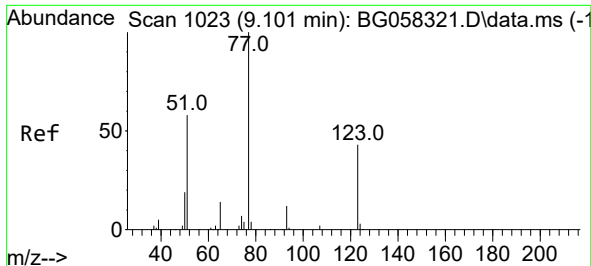
Tgt Ion:108 Resp: 94699
Ion Ratio Lower Upper
108 100
107 108.9 90.6 136.0



#19
Hexachloroethane
Concen: 23.013 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:117 Resp: 29737
Ion Ratio Lower Upper
117 100
201 107.7 103.6 155.4
199 73.7 60.1 90.1

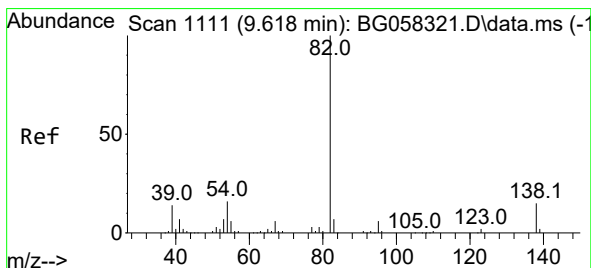
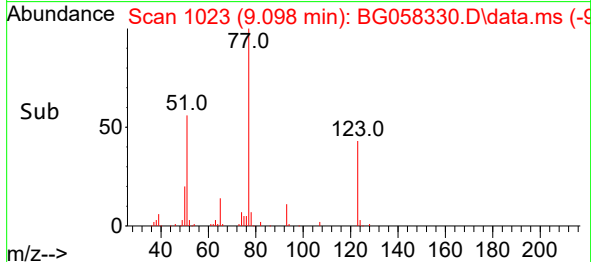
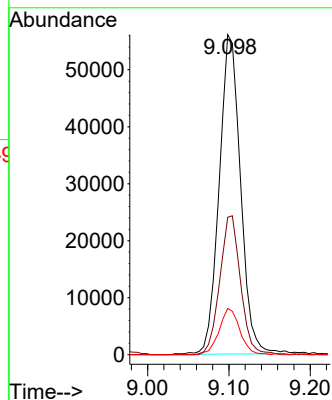
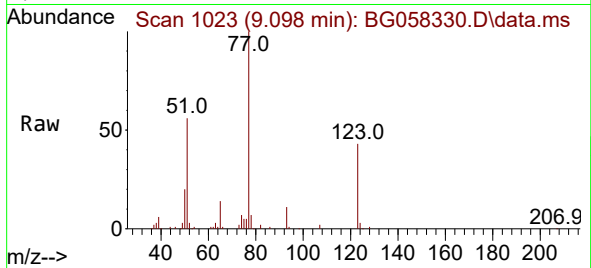




#22
Nitrobenzene
Concen: 22.072 ng/ul
RT: 9.098 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

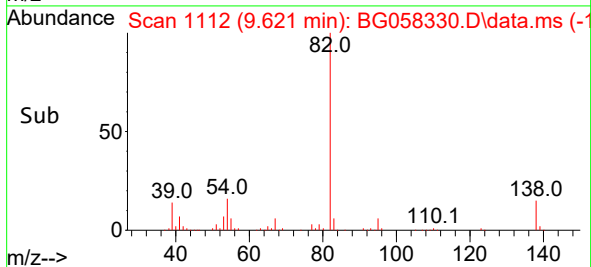
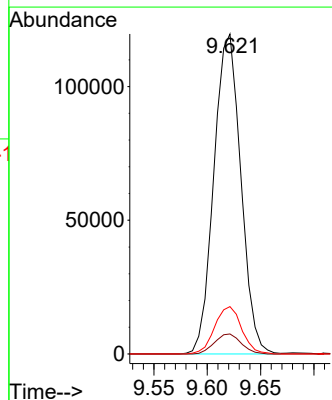
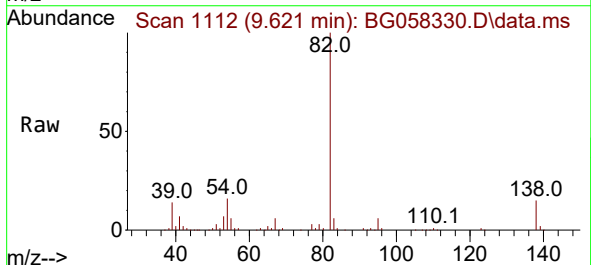
Instrument :
BNA_G
ClientSampleId :

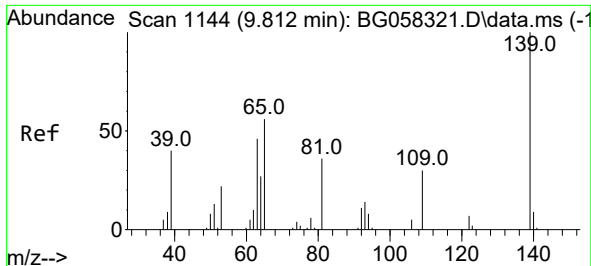
Tgt Ion: 77 Resp: 102465
Ion Ratio Lower Upper
77 100
123 42.9 34.0 51.0
65 14.5 11.0 16.6



#23
Isophorone
Concen: 20.190 ng/ul
RT: 9.621 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

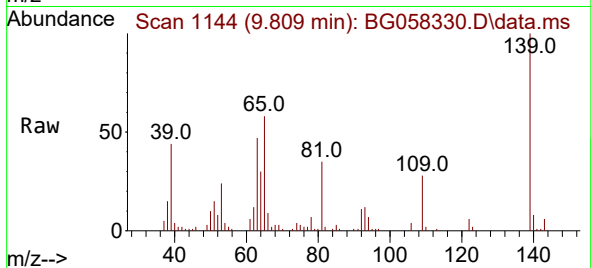
Tgt Ion: 82 Resp: 210136
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 14.8 11.9 17.9



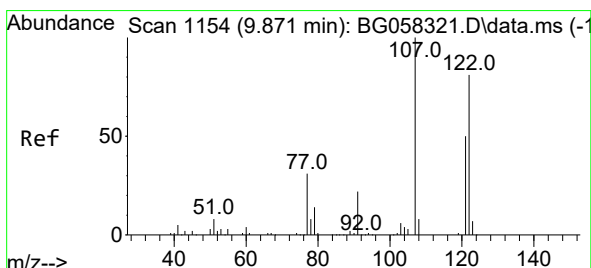
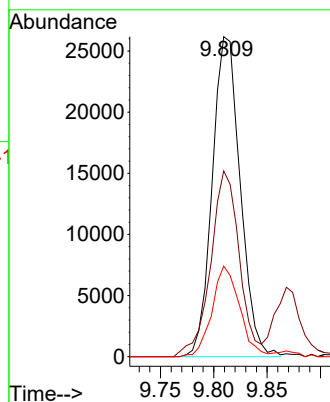
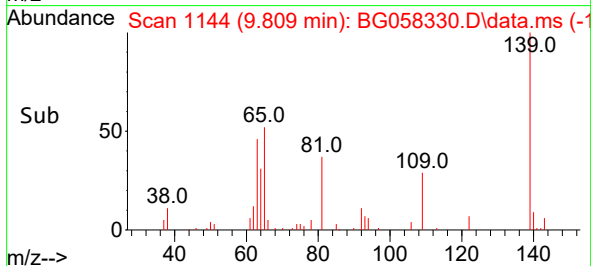


#25
2-Nitrophenol
Concen: 23.552 ng/ul
RT: 9.809 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Instrument :
BNA_G
ClientSampleId :

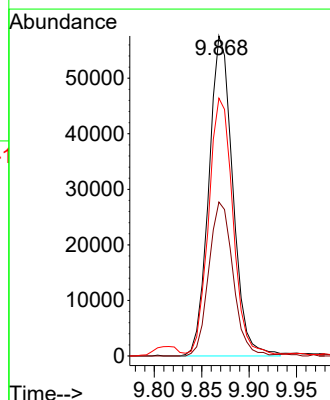
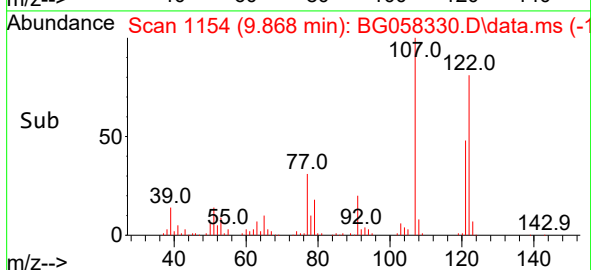
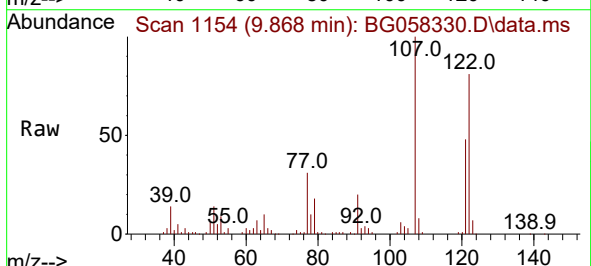


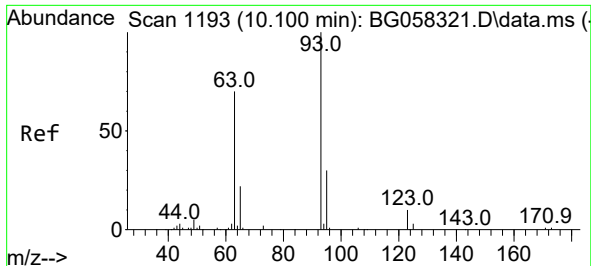
Tgt Ion:139 Resp: 47810
Ion Ratio Lower Upper
139 100
65 58.1 49.2 73.8
109 28.3 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 22.345 ng/ul
RT: 9.868 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:107 Resp: 101142
Ion Ratio Lower Upper
107 100
121 48.1 39.1 58.7
122 80.5 68.9 103.3

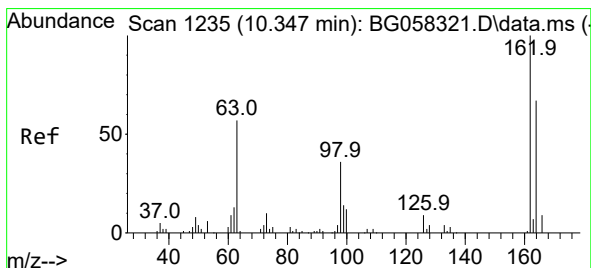
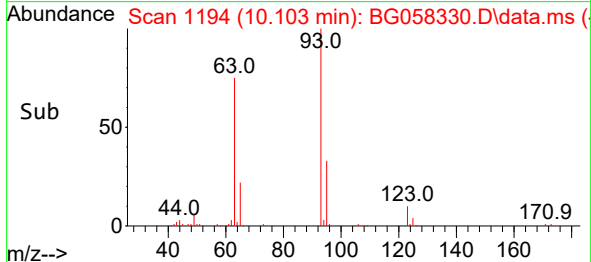
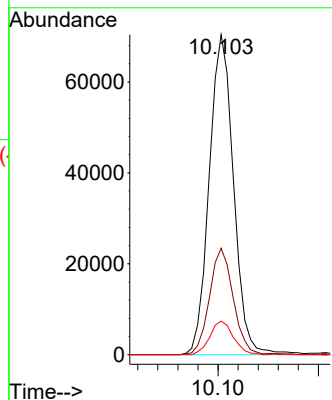
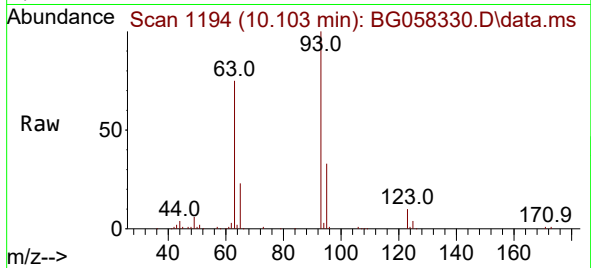




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.402 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG058330.D
 Acq: 19 Jul 2023 16:41

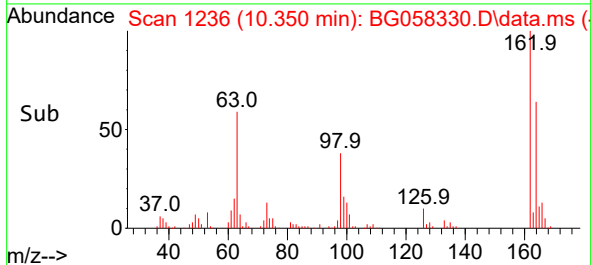
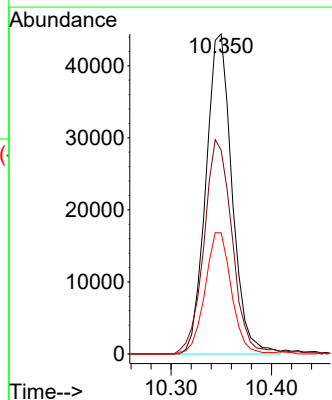
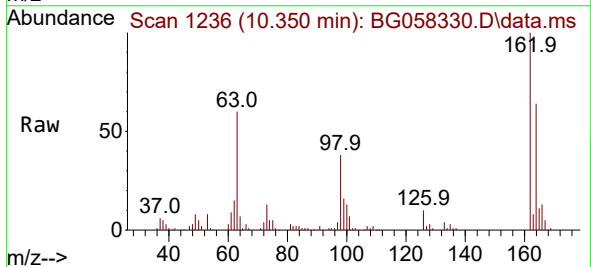
Instrument :
 BNA_G
 ClientSampleId :

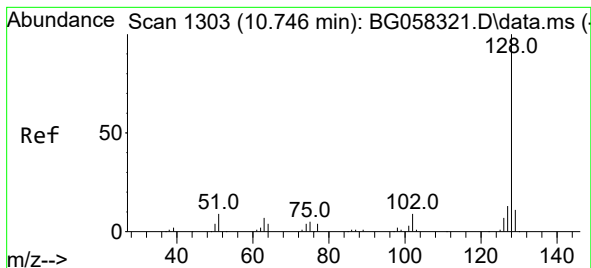
Tgt Ion: 93 Resp: 117971
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.8
 123 10.5 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 23.288 ng/ul
 RT: 10.350 min Scan# 1236
 Delta R.T. 0.001 min
 Lab File: BG058330.D
 Acq: 19 Jul 2023 16:41

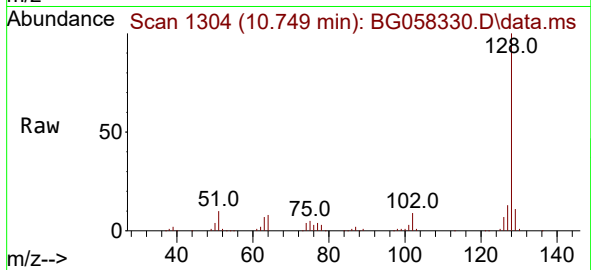
Tgt Ion:162 Resp: 80529
 Ion Ratio Lower Upper
 162 100
 164 63.7 58.4 87.6
 98 37.8 29.6 44.4



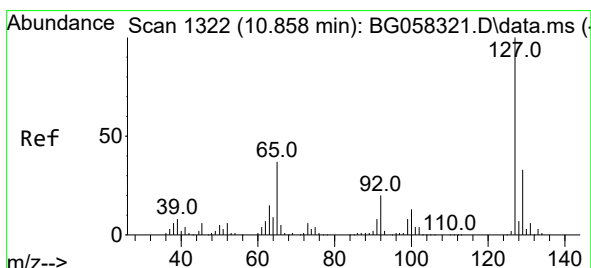
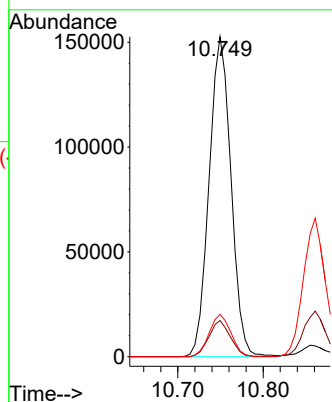
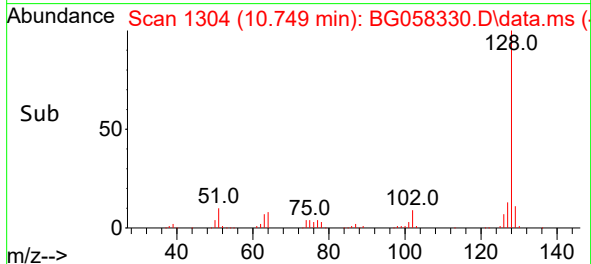


#30
Naphthalene
Concen: 21.948 ng/ul
RT: 10.749 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Instrument :
BNA_G
ClientSampleId :

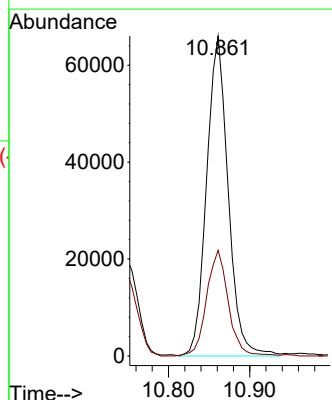
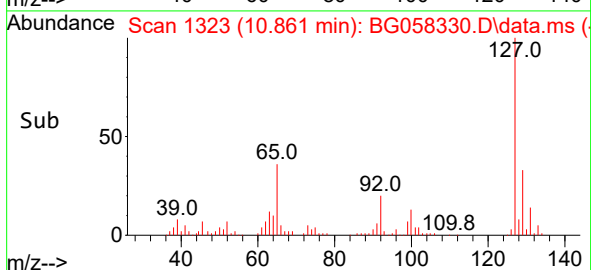
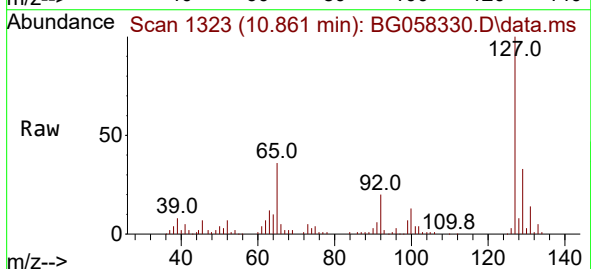


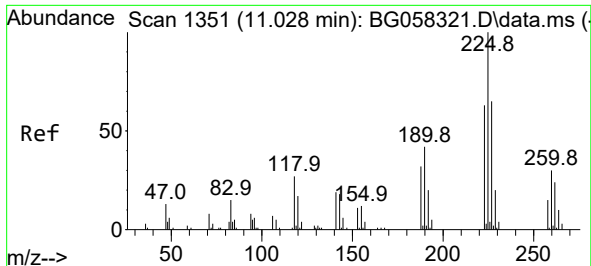
Tgt Ion:128 Resp: 272459
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.8 16.2



#32
4-Chloroaniline
Concen: 22.516 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:127 Resp: 121540
Ion Ratio Lower Upper
127 100
129 33.0 26.1 39.1

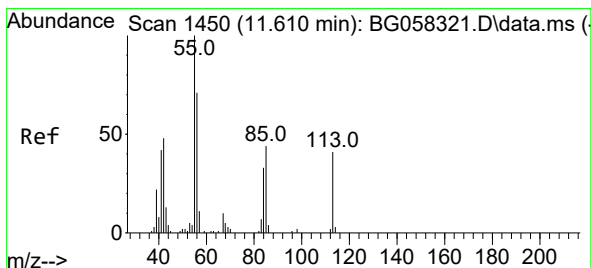
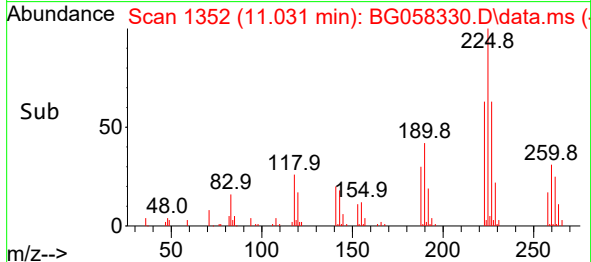
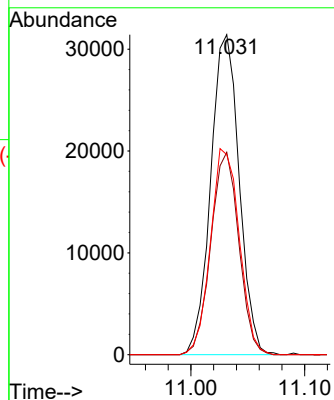
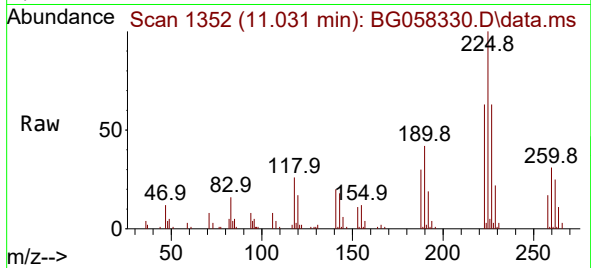




#33
Hexachlorobutadiene
Concen: 22.090 ng/ul
RT: 11.031 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

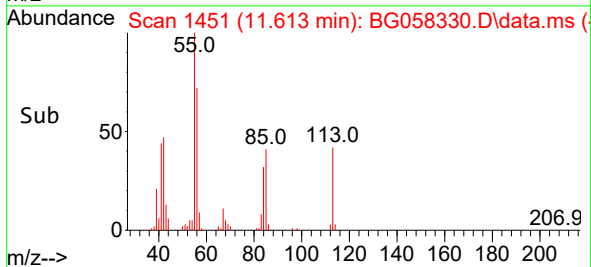
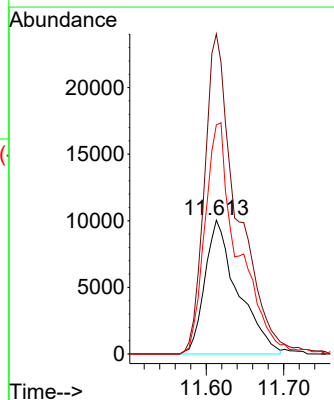
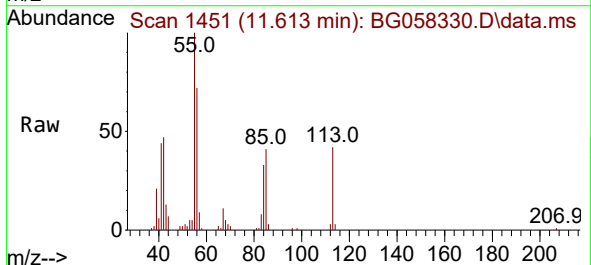
Instrument :
BNA_G
ClientSampleId :

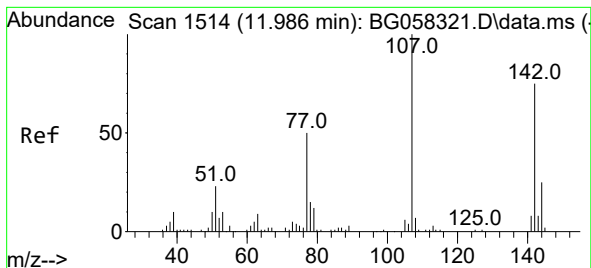
Tgt Ion:225 Resp: 54620
Ion Ratio Lower Upper
225 100
223 63.2 49.7 74.5
227 62.5 53.2 79.8



#34
Caprolactam
Concen: 20.631 ng/ul
RT: 11.613 min Scan# 1451
Delta R.T. -0.023 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:113 Resp: 29631
Ion Ratio Lower Upper
113 100
55 239.2 179.8 269.6
56 171.3 132.2 198.4

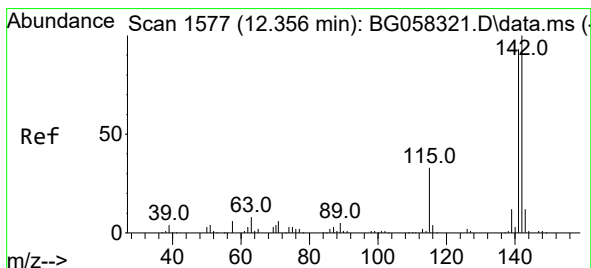
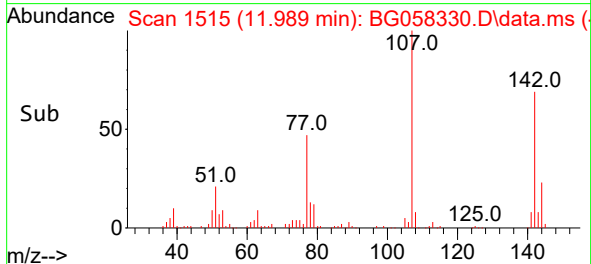
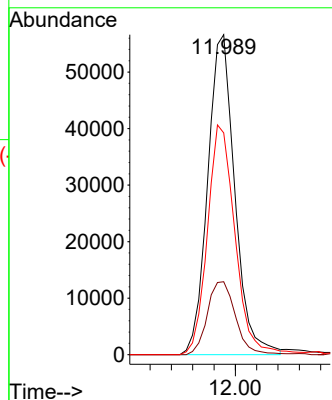
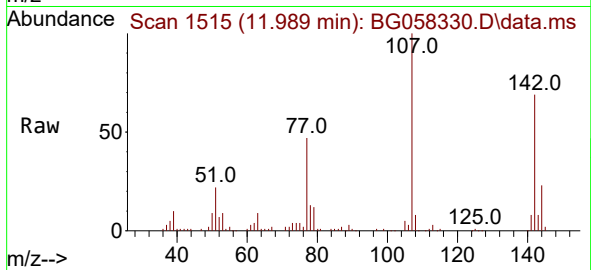




#35
4-Chloro-3-methylphenol
Concen: 22.766 ng/ul
RT: 11.989 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

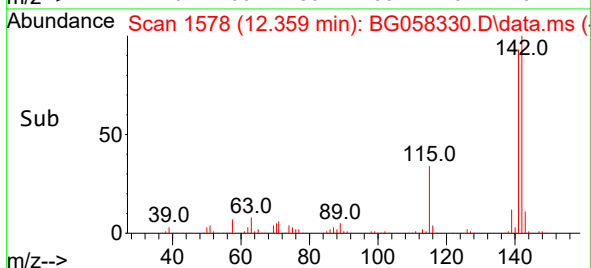
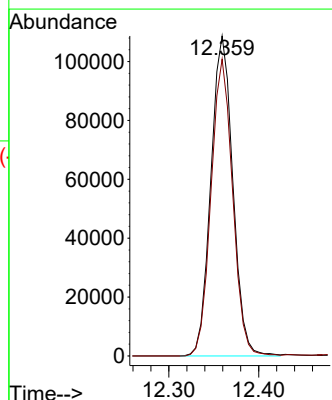
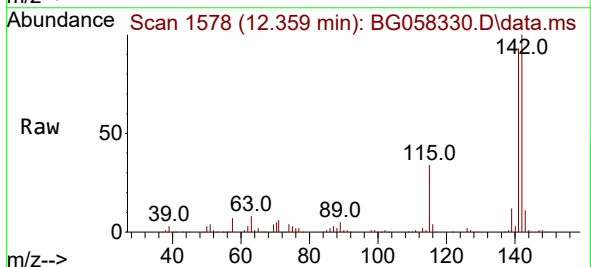
Instrument :
BNA_G
ClientSampleId :

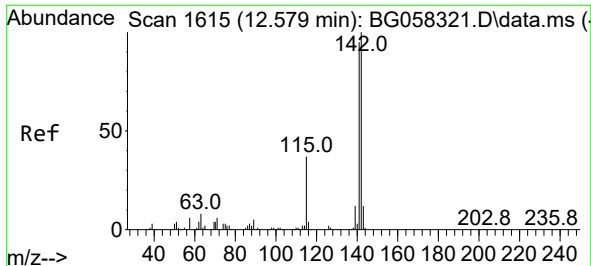
Tgt Ion:107 Resp: 100187
Ion Ratio Lower Upper
107 100
144 22.8 19.0 28.6
142 69.3 55.8 83.6



#36
2-Methylnaphthalene
Concen: 22.186 ng/ul
RT: 12.359 min Scan# 1578
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:142 Resp: 184519
Ion Ratio Lower Upper
142 100
141 92.8 72.6 108.8





#37

1-Methylnaphthalene

Concen: 22.200 ng/ul

RT: 12.577 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Instrument :

BNA_G

ClientSampleId :

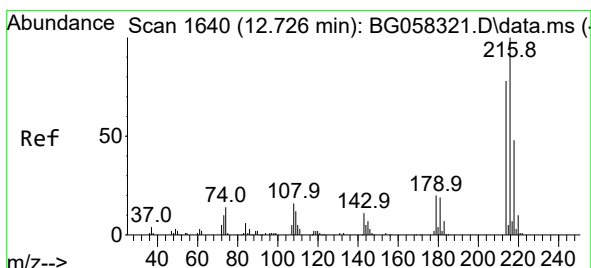
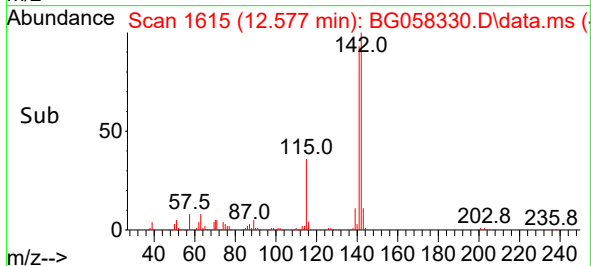
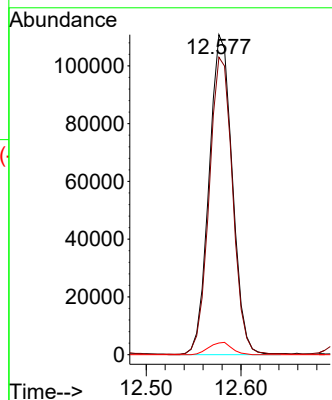
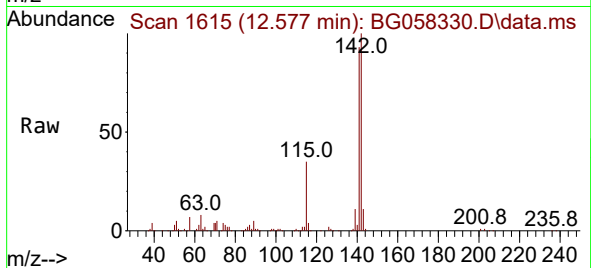
Tgt Ion:142 Resp: 189231

Ion Ratio Lower Upper

142 100

141 92.9 75.8 113.6

116 3.6 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.841 ng/ul

RT: 12.729 min Scan# 1641

Delta R.T. 0.001 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Tgt Ion:216 Resp: 107691

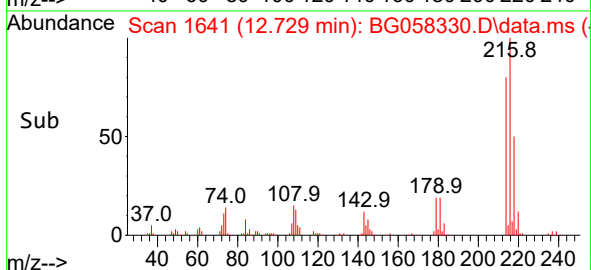
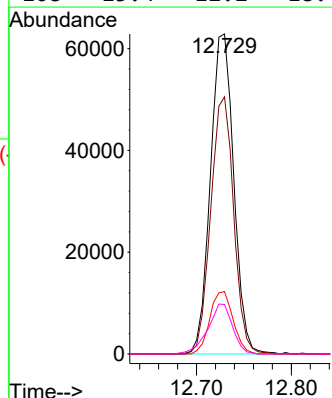
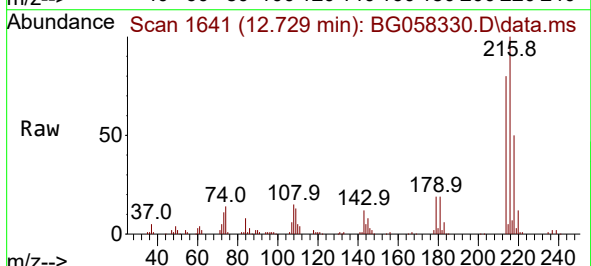
Ion Ratio Lower Upper

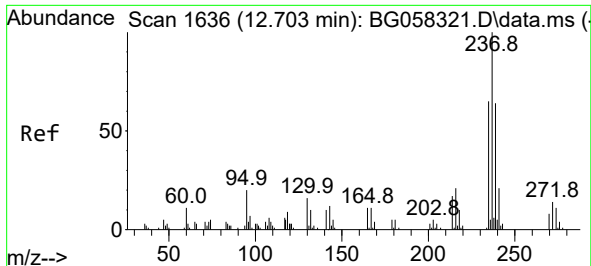
216 100

214 80.4 62.2 93.4

179 19.5 16.2 24.2

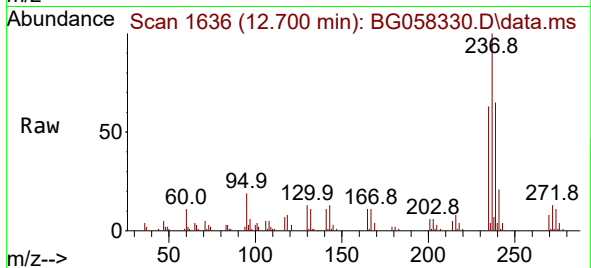
108 15.4 12.2 18.4



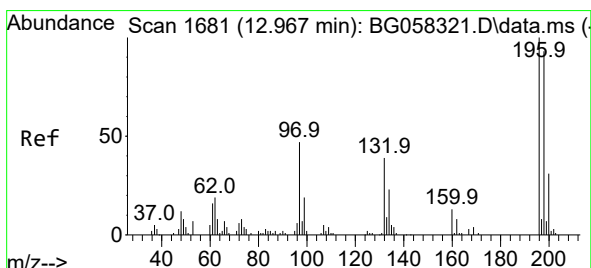
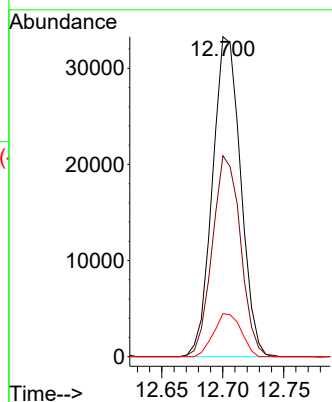
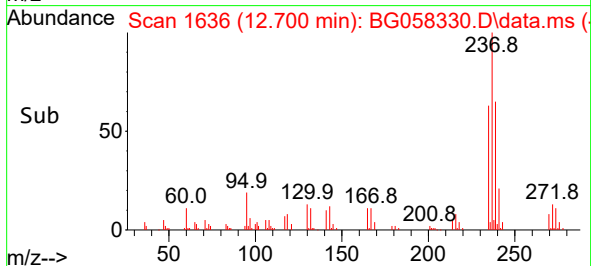


#40
Hexachlorocyclopentadiene
Concen: 20.126 ng/ul
RT: 12.700 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

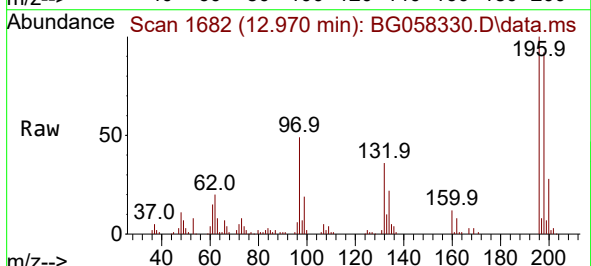
Instrument :
BNA_G
ClientSampleId :



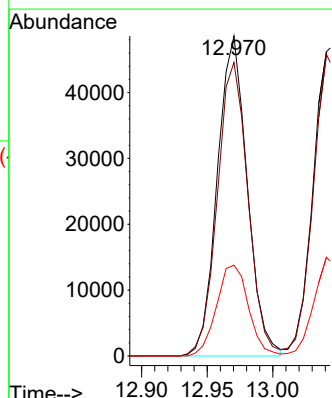
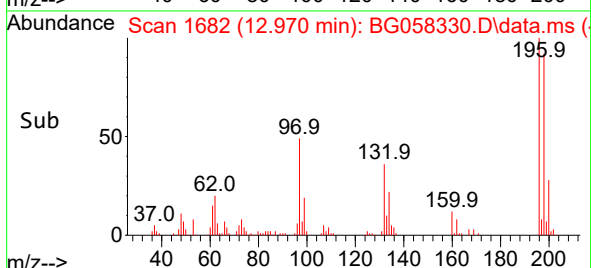
Tgt Ion:237 Resp: 53373
Ion Ratio Lower Upper
237 100
235 62.8 50.9 76.3
272 14.4 10.8 16.2

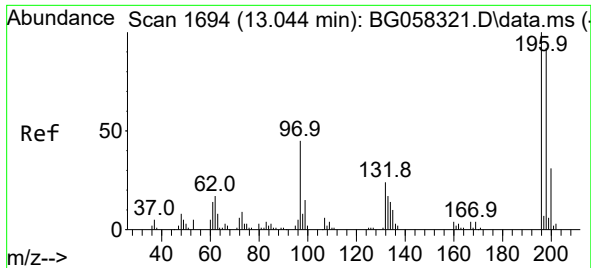


#41
2,4,6-Trichlorophenol
Concen: 23.011 ng/ul
RT: 12.970 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41



Tgt Ion:196 Resp: 76808
Ion Ratio Lower Upper
196 100
198 91.7 77.7 116.5
200 28.4 25.0 37.6

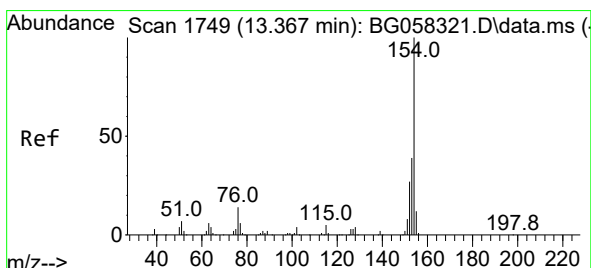
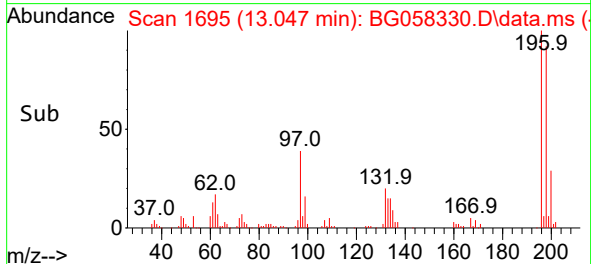
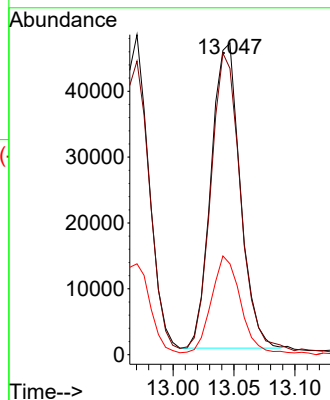
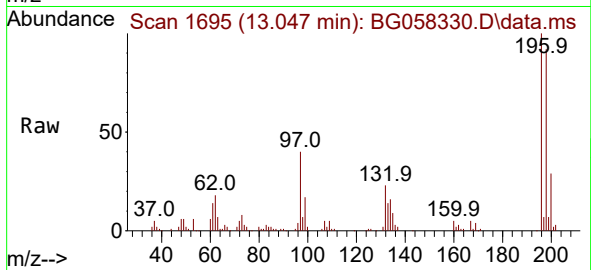




#42
2,4,5-Trichlorophenol
Concen: 21.661 ng/ul
RT: 13.047 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

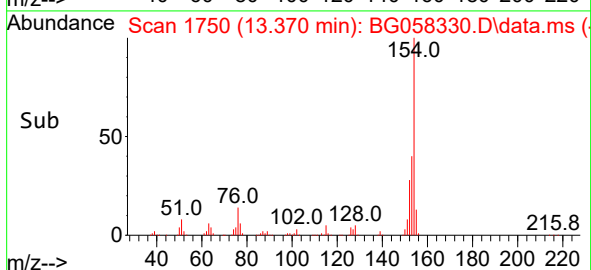
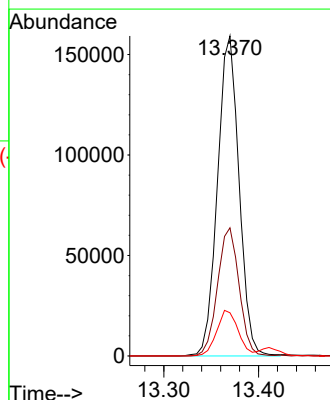
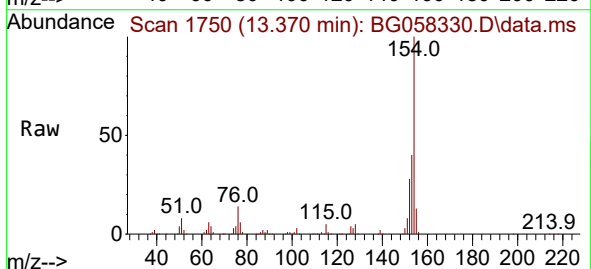
Instrument :
BNA_G
ClientSampleId :

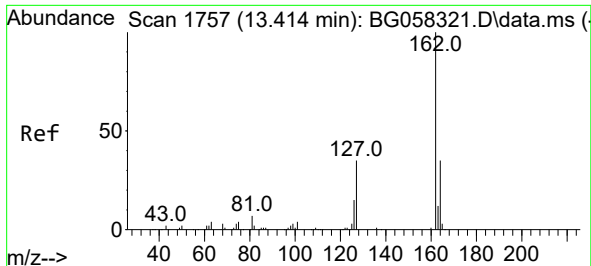
Tgt Ion:196 Resp: 77099
Ion Ratio Lower Upper
196 100
198 91.9 74.8 112.2
200 29.2 24.4 36.6



#43
1,1'-Biphenyl
Concen: 21.854 ng/ul
RT: 13.370 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:154 Resp: 251707
Ion Ratio Lower Upper
154 100
153 40.1 31.8 47.6
76 13.5 11.7 17.5

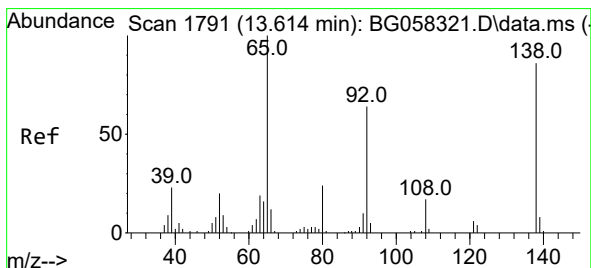
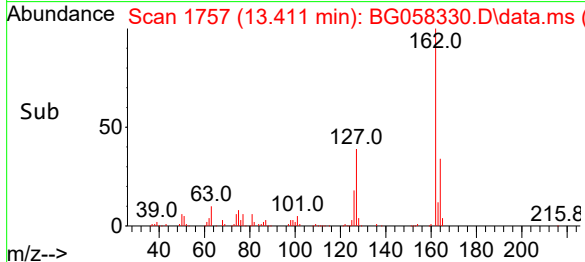
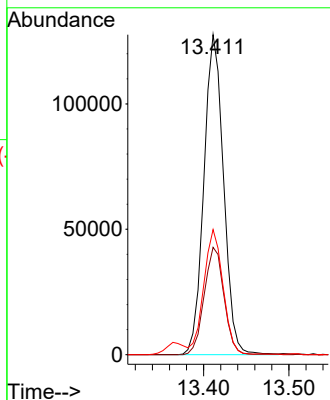
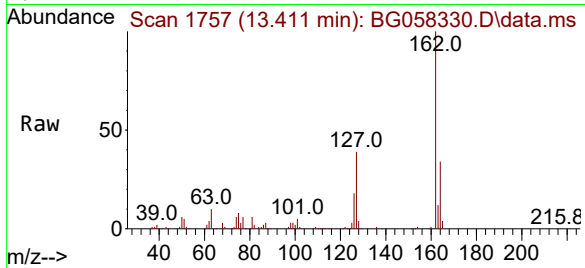




#44
2-Chloronaphthalene
Concen: 22.348 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

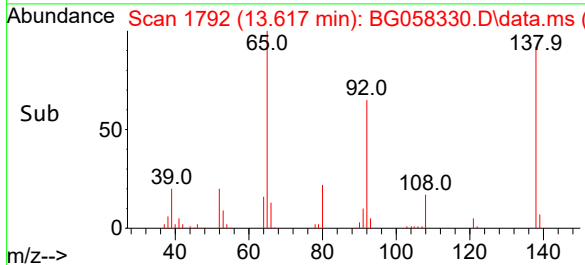
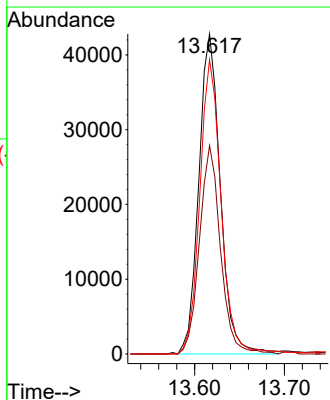
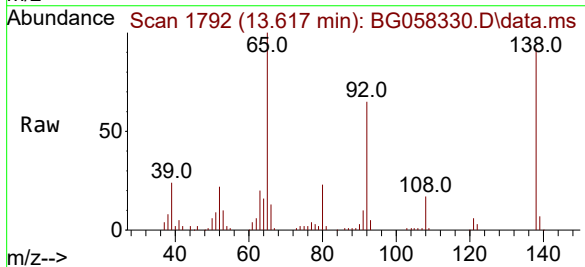
Instrument :
BNA_G
ClientSampleId :

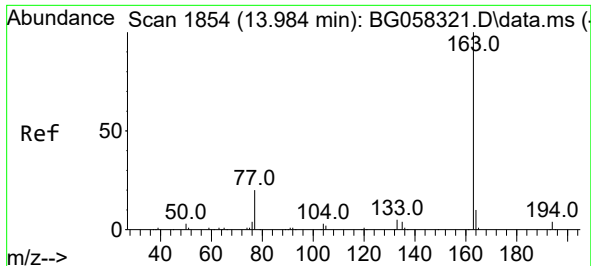
Tgt Ion:162 Resp: 204656
Ion Ratio Lower Upper
162 100
164 33.5 26.2 39.2
127 39.1 29.8 44.6



#45
2-Nitroaniline
Concen: 22.424 ng/ul
RT: 13.617 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion: 65 Resp: 71329
Ion Ratio Lower Upper
65 100
92 65.1 51.4 77.2
138 92.0 71.6 107.4





#47

Dimethylphthalate

Concen: 20.196 ng/ul

RT: 13.987 min Scan# 1855

Delta R.T. 0.001 min

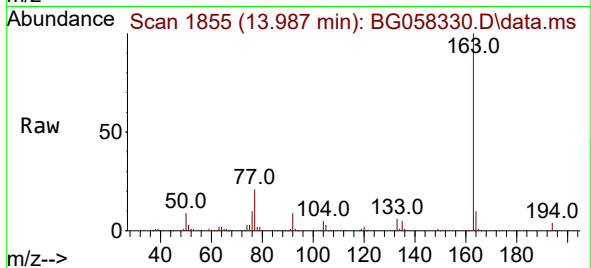
Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Instrument :

BNA_G

ClientSampleId :



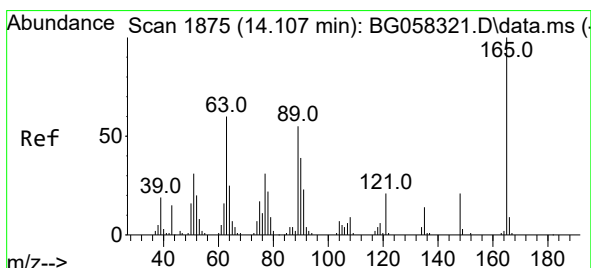
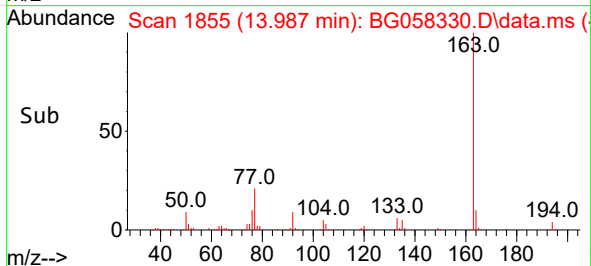
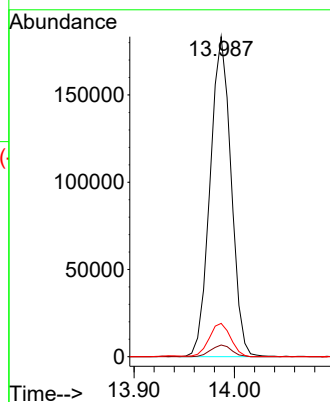
Tgt Ion:163 Resp: 266448

Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 10.4 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 22.141 ng/ul

RT: 14.110 min Scan# 1876

Delta R.T. 0.001 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

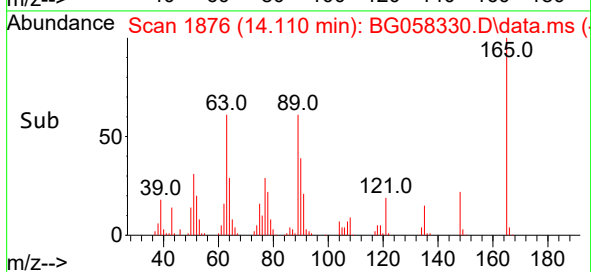
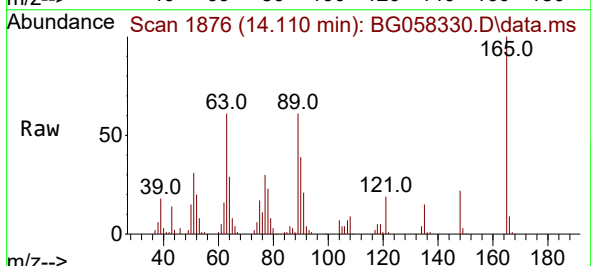
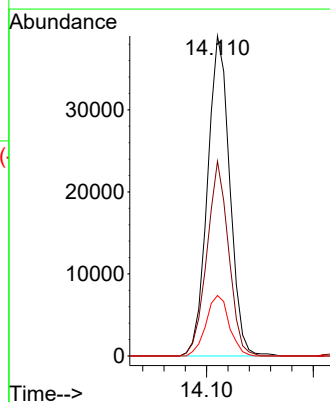
Tgt Ion:165 Resp: 56446

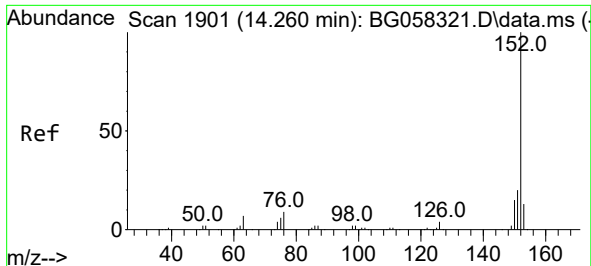
Ion Ratio Lower Upper

165 100

89 60.8 48.9 73.3

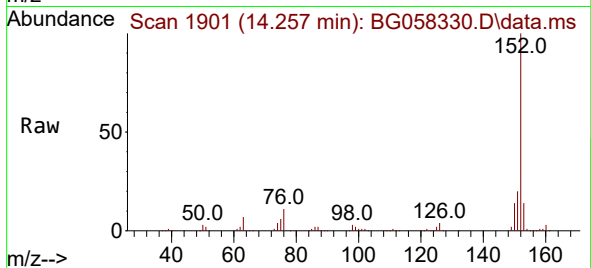
121 18.9 16.2 24.4



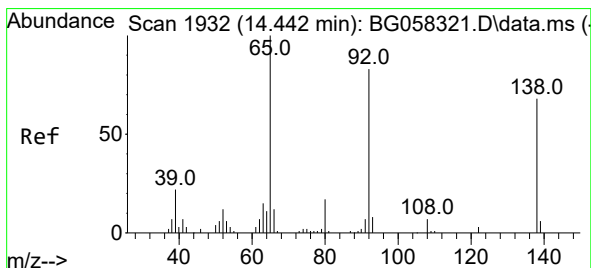
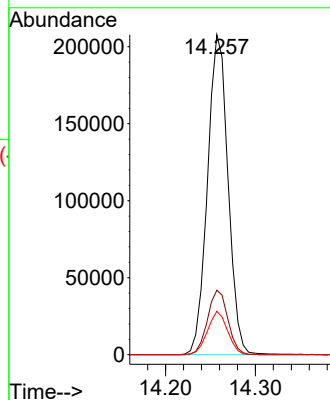
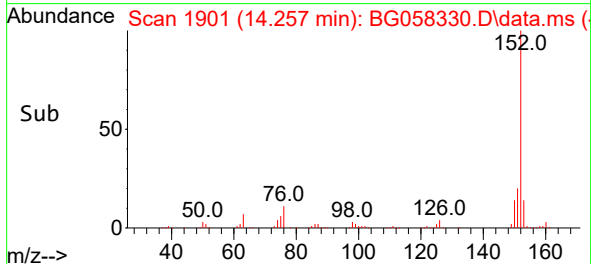


#50
Acenaphthylene
Concen: 22.223 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

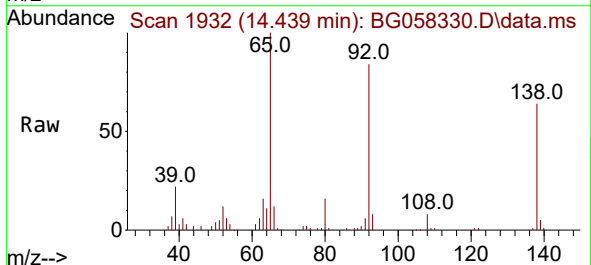
Instrument :
BNA_G
ClientSampleId :



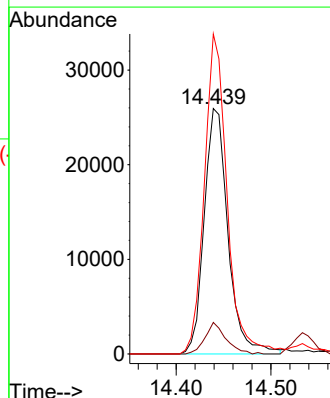
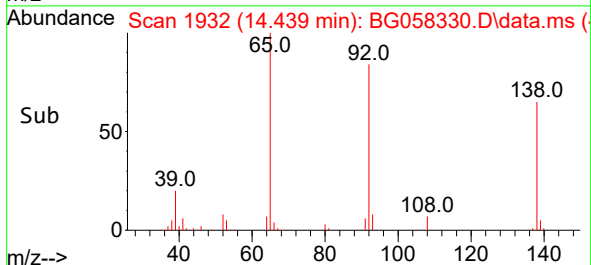
Tgt Ion:152 Resp: 330194
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.5 10.6 16.0

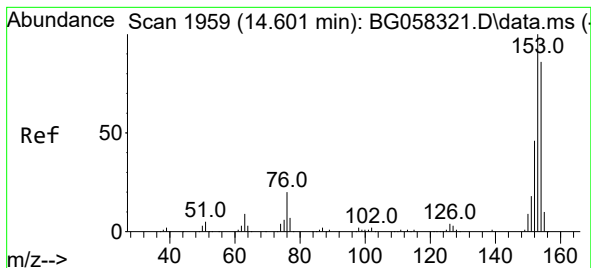


#51
3-Nitroaniline
Concen: 21.303 ng/ul
RT: 14.439 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41



Tgt Ion:138 Resp: 45260
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 130.3 108.4 162.6





#52

Acenaphthene

Concen: 21.928 ng/ul

RT: 14.598 min Scan# 1959

Delta R.T. -0.005 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Instrument :

BNA_G

ClientSampleId :

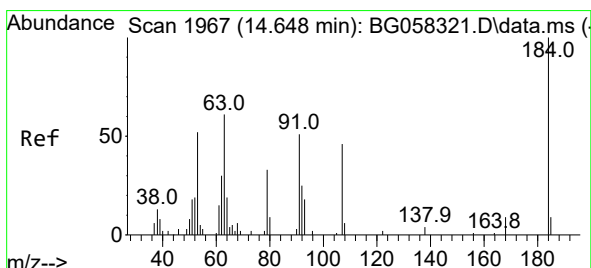
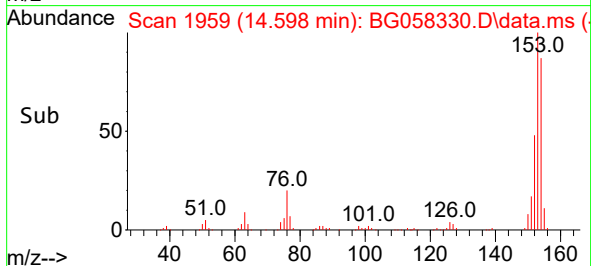
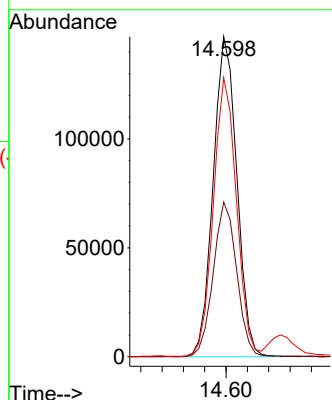
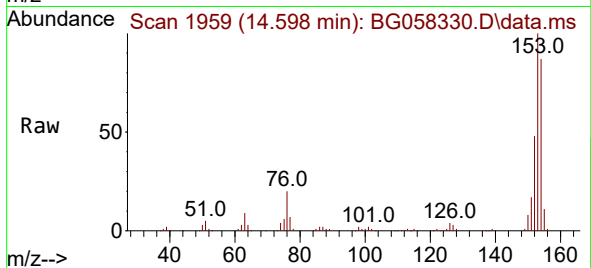
Tgt Ion:153 Resp: 226207

Ion Ratio Lower Upper

153 100

152 48.3 39.1 58.7

154 87.2 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 22.318 ng/ul

RT: 14.651 min Scan# 1968

Delta R.T. 0.001 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

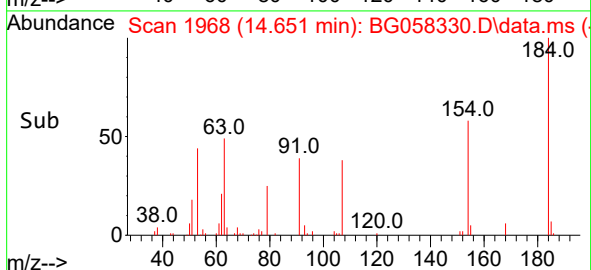
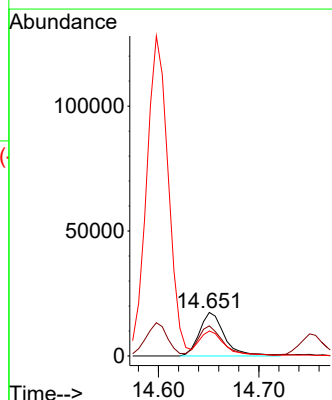
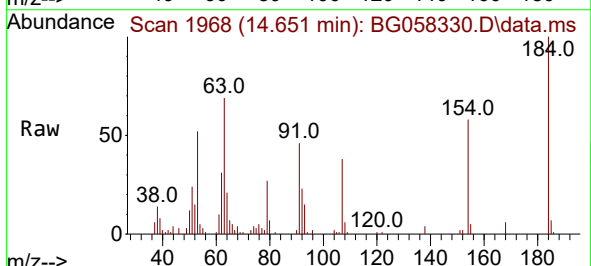
Tgt Ion:184 Resp: 30282

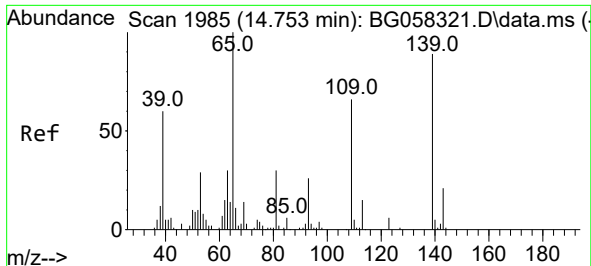
Ion Ratio Lower Upper

184 100

63 69.3 52.9 79.3

154 57.6 47.8 71.8

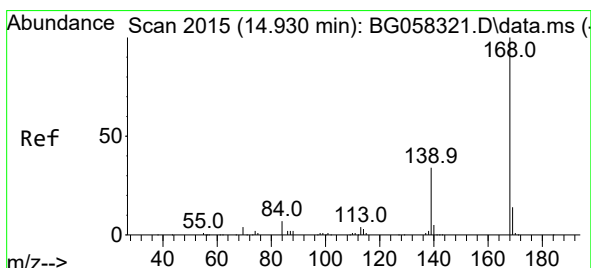
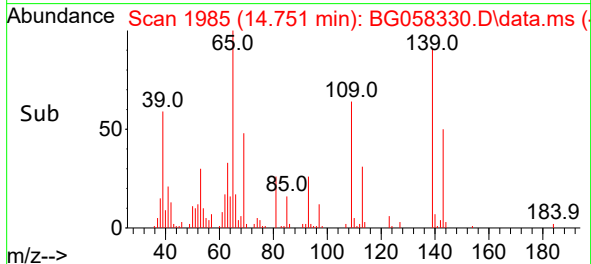
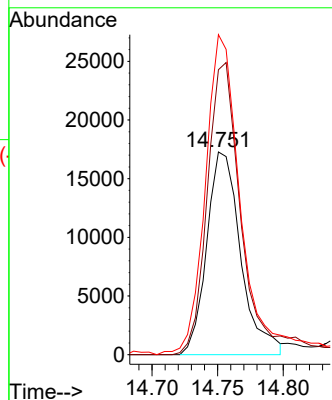
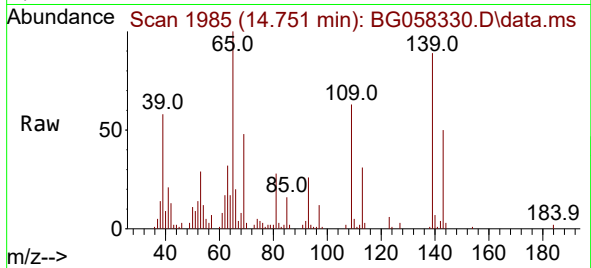




#55
4-Nitrophenol
Concen: 20.389 ng/ul
RT: 14.751 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

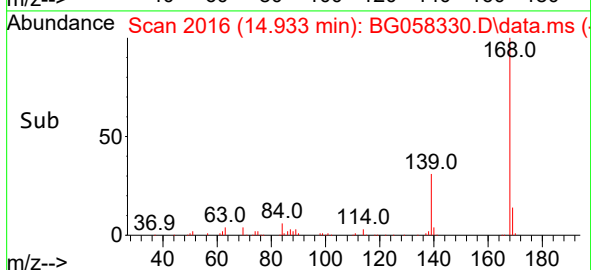
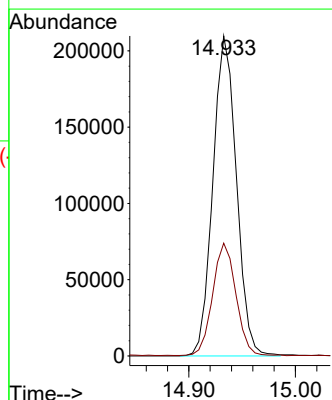
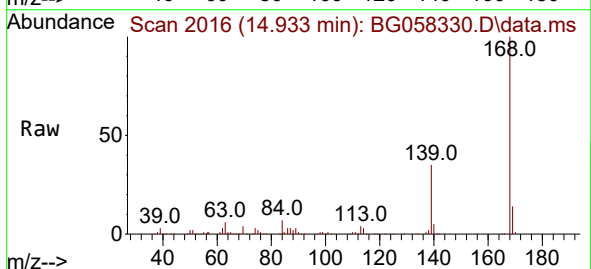
Instrument :
BNA_G
ClientSampleId :

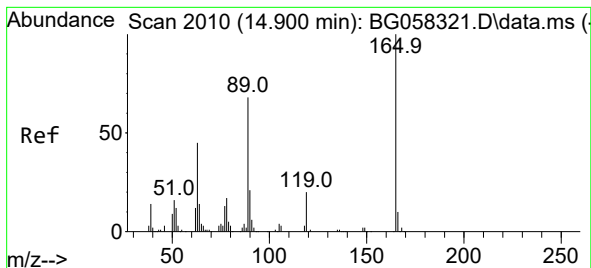
Tgt Ion:109 Resp: 31147
Ion Ratio Lower Upper
109 100
139 140.6 100.3 150.5
65 157.9 120.6 180.8



#56
Dibenzofuran
Concen: 21.906 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

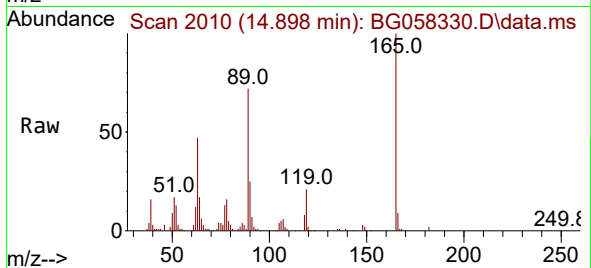
Tgt Ion:168 Resp: 321775
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.8



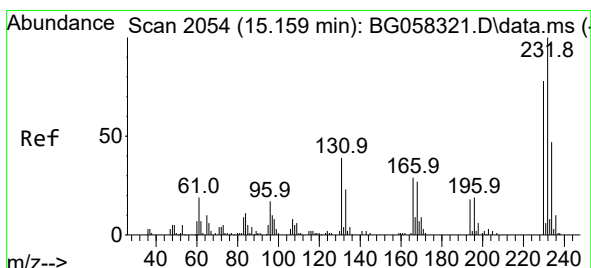
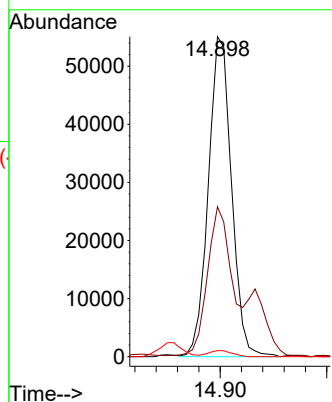
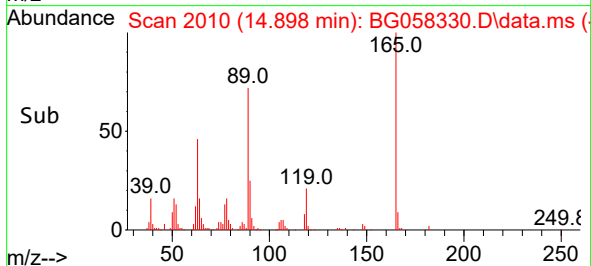


#57
2,4-Dinitrotoluene
Concen: 22.618 ng/ul
RT: 14.898 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Instrument :
BNA_G
ClientSampleId :

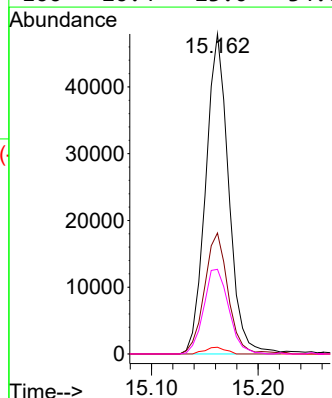
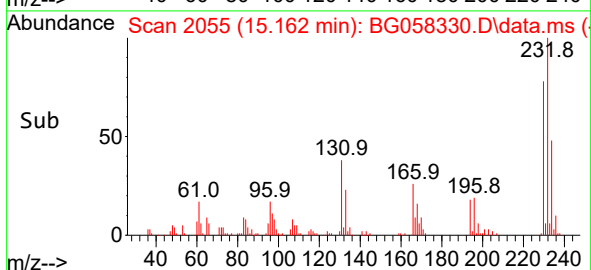
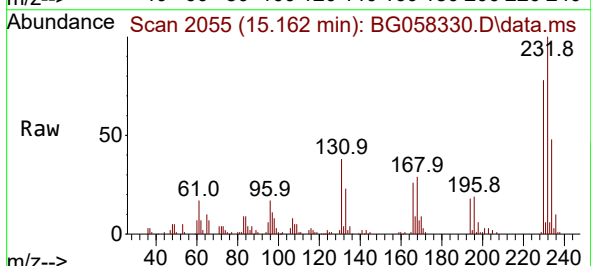


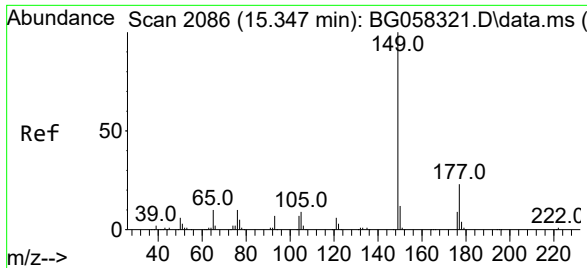
Tgt Ion:165 Resp: 83168
Ion Ratio Lower Upper
165 100
63 46.8 33.8 50.6
182 1.9 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.881 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:232 Resp: 71954
Ion Ratio Lower Upper
232 100
131 37.8 29.0 43.6
130 2.1 1.1 1.7#
166 26.4 23.0 34.6

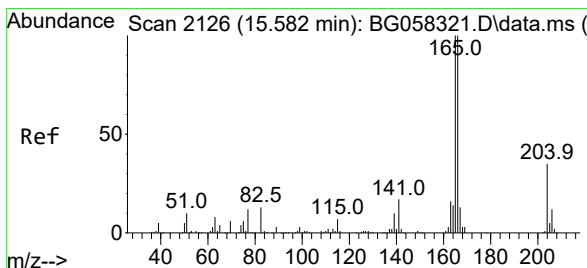
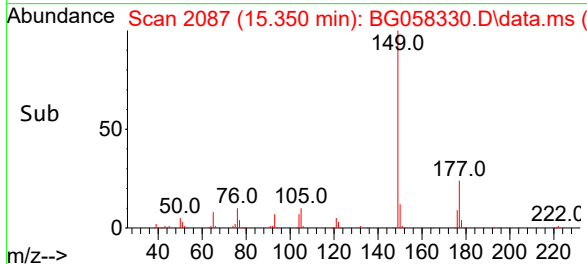
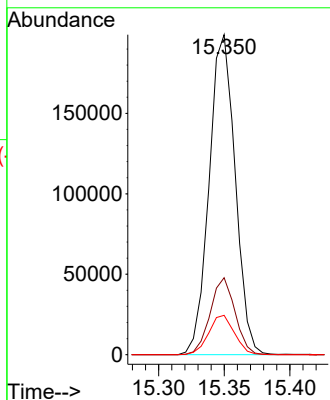
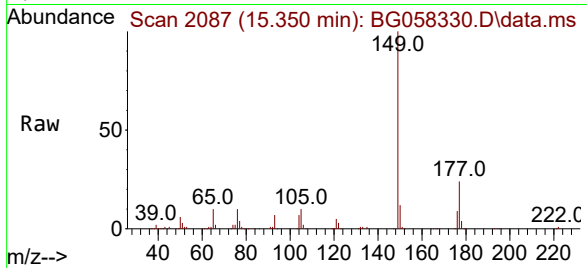




#59
Diethylphthalate
Concen: 20.212 ng/ul
RT: 15.350 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

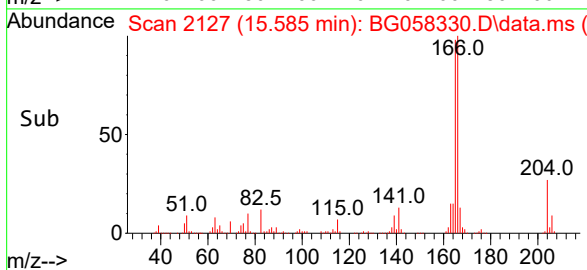
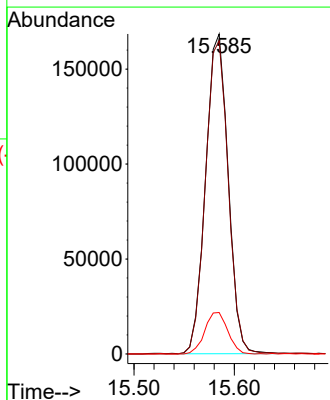
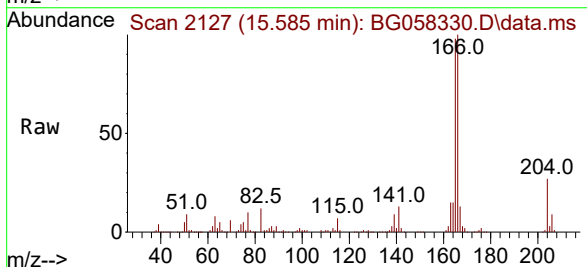
Instrument :
BNA_G
ClientSampleId :

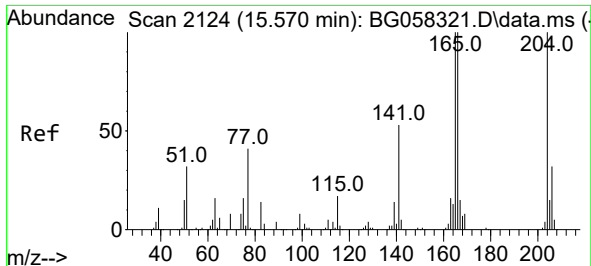
Tgt Ion:149 Resp: 274713
Ion Ratio Lower Upper
149 100
177 24.1 18.4 27.6
150 12.3 10.0 15.0



#61
Fluorene
Concen: 21.830 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

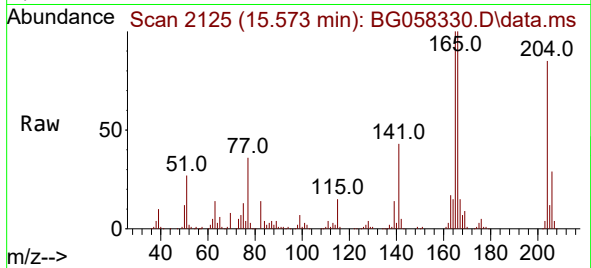
Tgt Ion:166 Resp: 262955
Ion Ratio Lower Upper
166 100
165 97.9 80.2 120.2
167 12.9 10.5 15.7



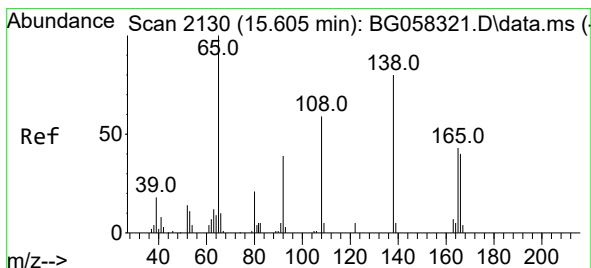
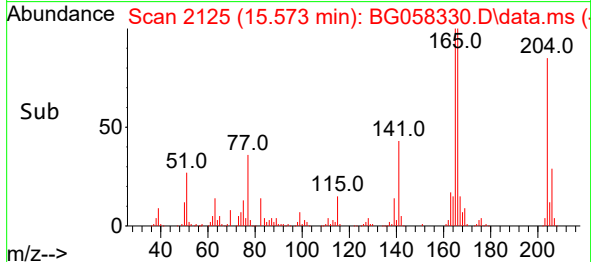
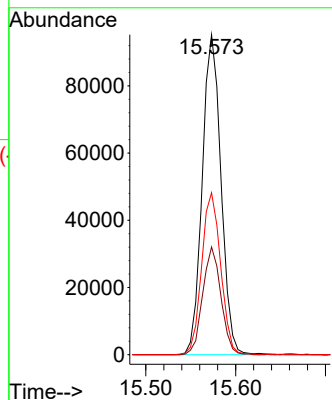


#62
4-Chlorophenyl-phenylether
Concen: 21.623 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Instrument :
BNA_G
ClientSampleId :

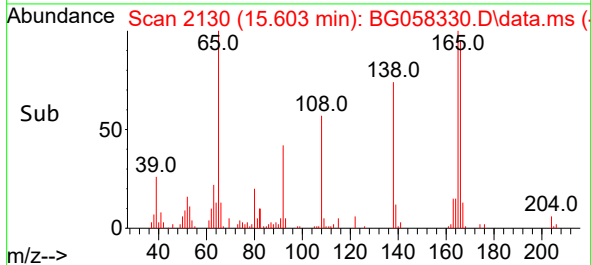
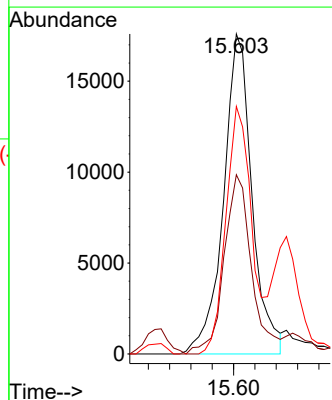
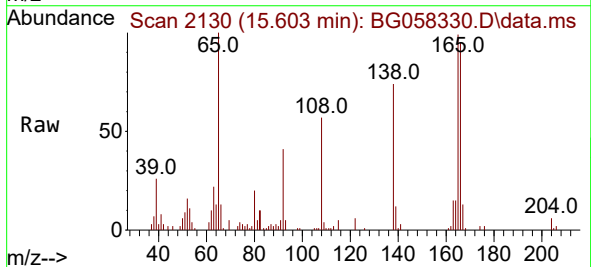


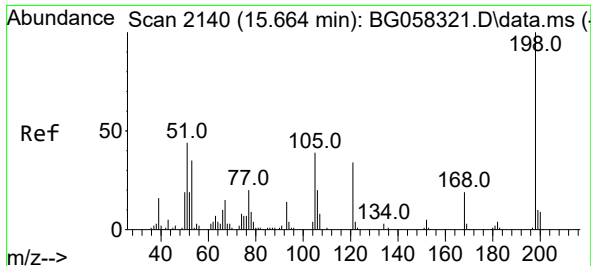
Tgt Ion:204 Resp: 138271
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 50.6 42.2 63.2



#63
4-Nitroaniline
Concen: 16.990 ng/ul
RT: 15.603 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:138 Resp: 32662
Ion Ratio Lower Upper
138 100
92 56.0 45.0 67.4
108 77.4 60.8 91.2

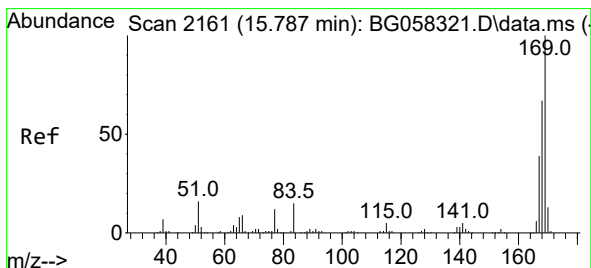
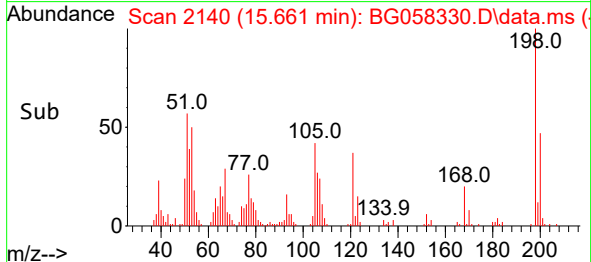
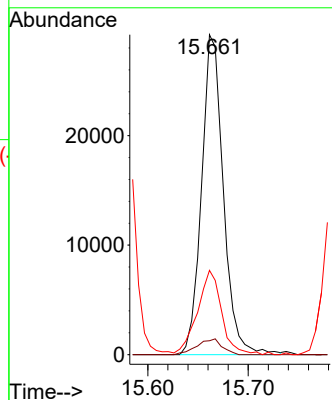
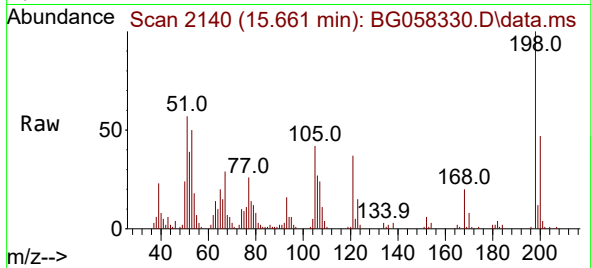




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.597 ng/ul
 RT: 15.661 min Scan# 2140
 Delta R.T. -0.005 min
 Lab File: BG058330.D
 Acq: 19 Jul 2023 16:41

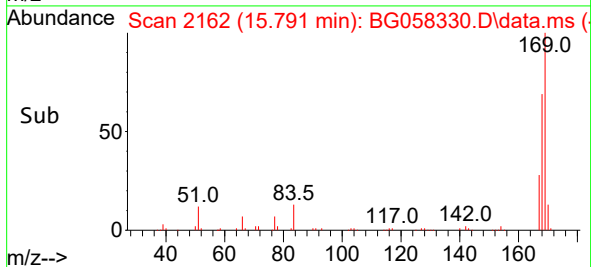
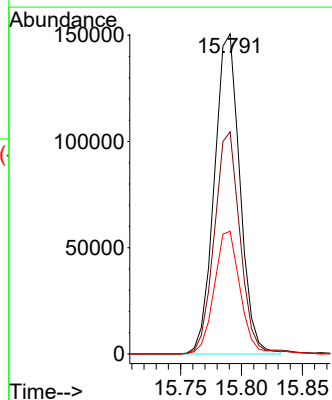
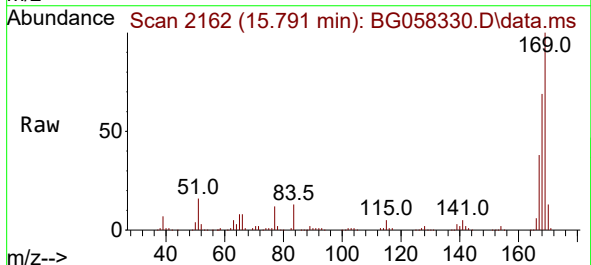
Instrument :
 BNA_G
 ClientSampleId :

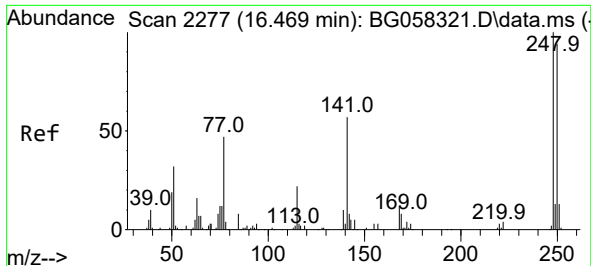
Tgt Ion:198 Resp: 44229
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.4 5.2
 77 26.4 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 21.610 ng/ul
 RT: 15.791 min Scan# 2162
 Delta R.T. 0.001 min
 Lab File: BG058330.D
 Acq: 19 Jul 2023 16:41

Tgt Ion:169 Resp: 219438
 Ion Ratio Lower Upper
 169 100
 168 69.4 55.7 83.5
 167 38.4 31.2 46.8

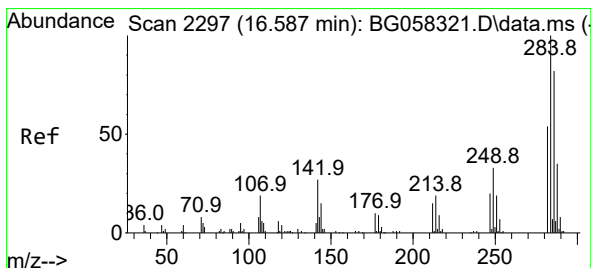
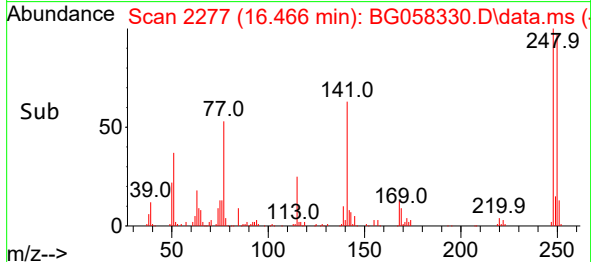
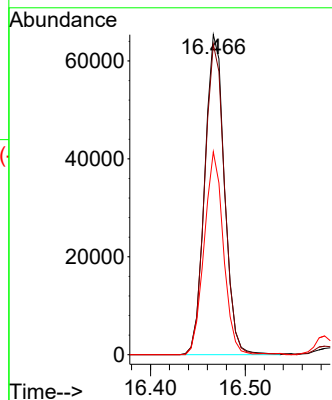
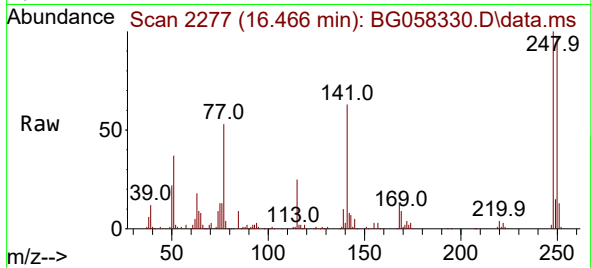




#68
4-Bromophenyl-phenylether
Concen: 21.652 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

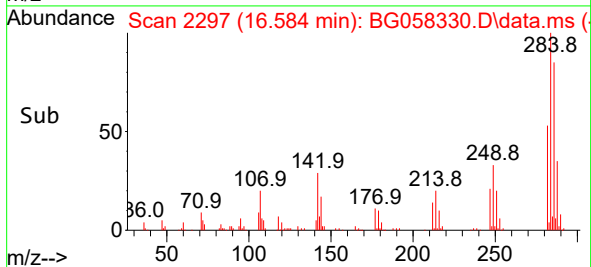
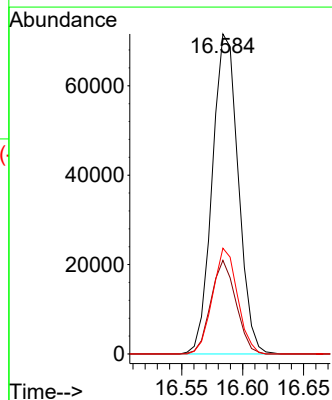
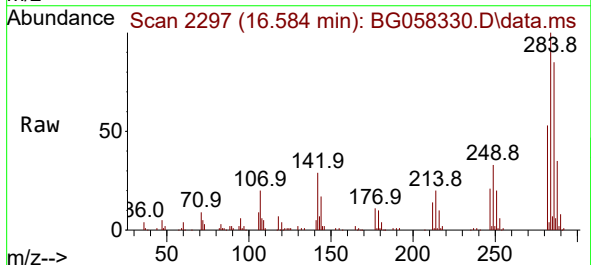
Instrument :
BNA_G
ClientSampleId :

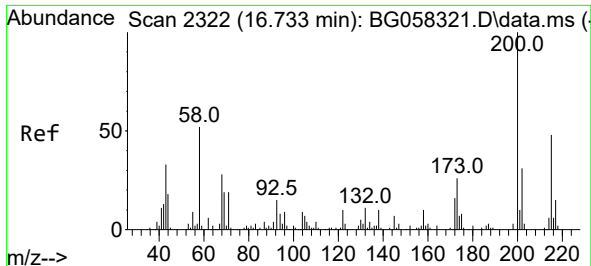
Tgt Ion:248 Resp: 93952
Ion Ratio Lower Upper
248 100
250 97.0 73.8 110.6
141 63.4 48.2 72.2



#69
Hexachlorobenzene
Concen: 21.706 ng/ul
RT: 16.584 min Scan# 2297
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:284 Resp: 106276
Ion Ratio Lower Upper
284 100
142 29.2 20.5 30.7
249 33.0 25.2 37.8

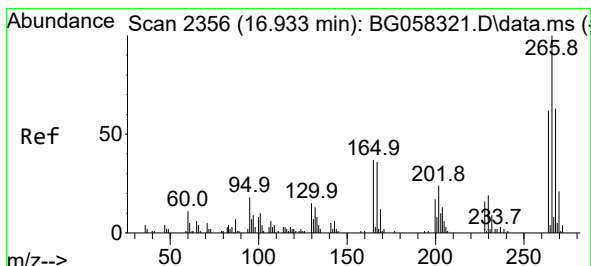
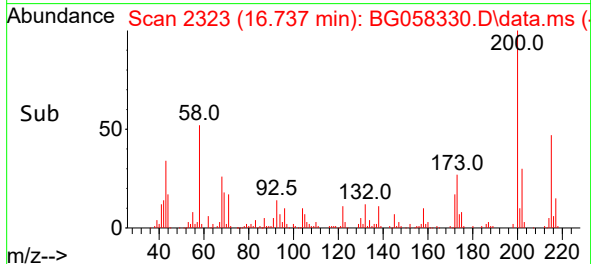
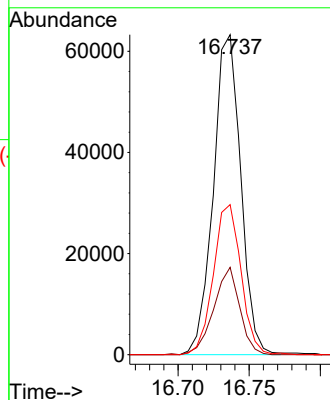
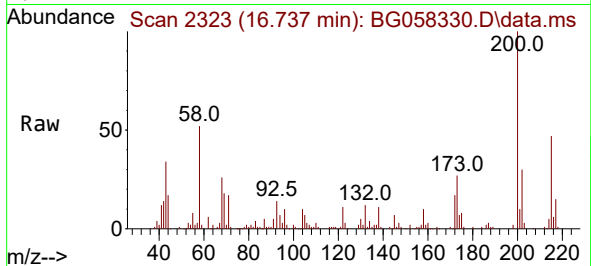




#70
Atrazine
Concen: 21.306 ng/ul
RT: 16.737 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

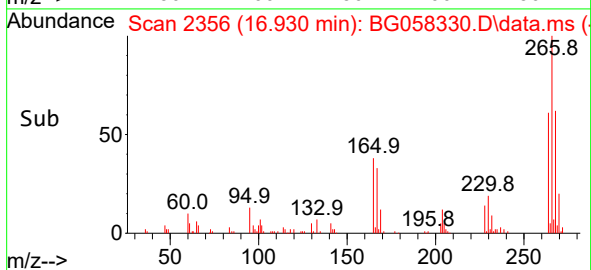
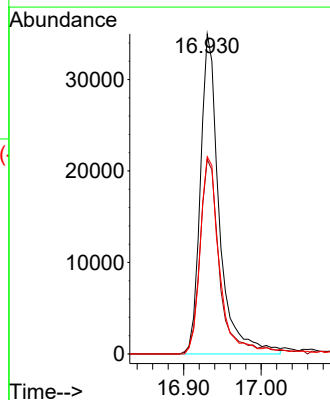
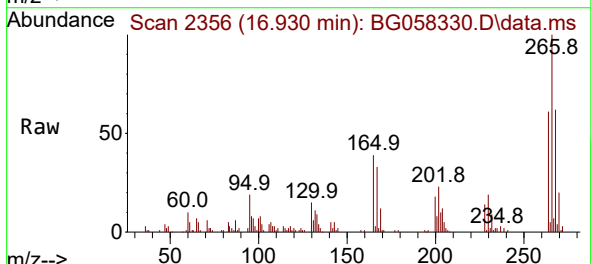
Instrument :
BNA_G
ClientSampleId :

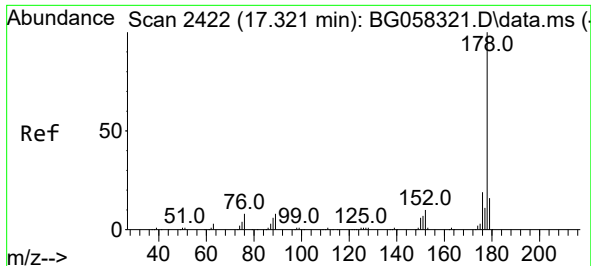
Tgt Ion:200 Resp: 84826
Ion Ratio Lower Upper
200 100
173 27.3 19.8 29.8
215 46.9 36.2 54.4



#71
Pentachlorophenol
Concen: 21.505 ng/ul
RT: 16.930 min Scan# 2356
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:266 Resp: 59102
Ion Ratio Lower Upper
266 100
264 60.8 46.6 70.0
268 61.6 47.6 71.4

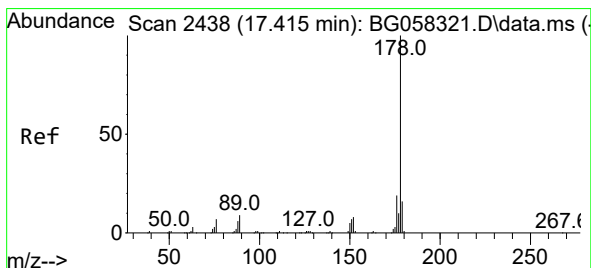
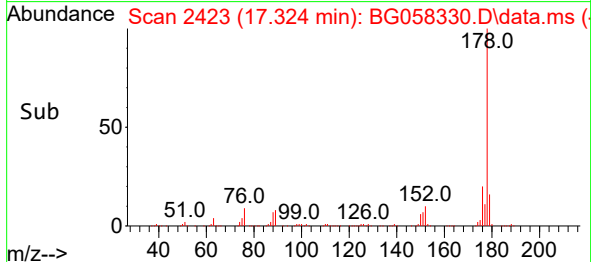
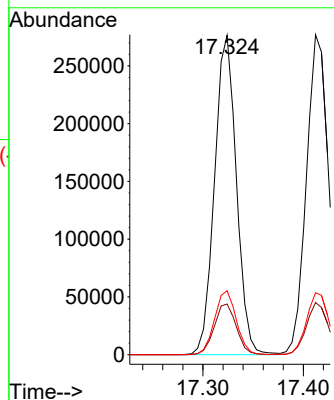
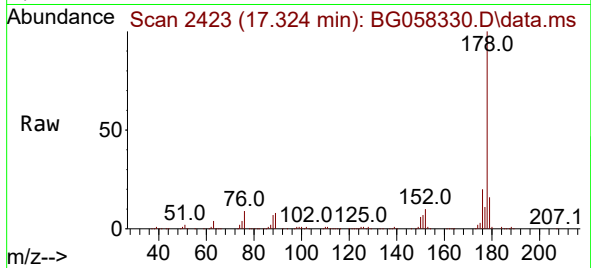




#72
Phenanthrene
Concen: 21.478 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

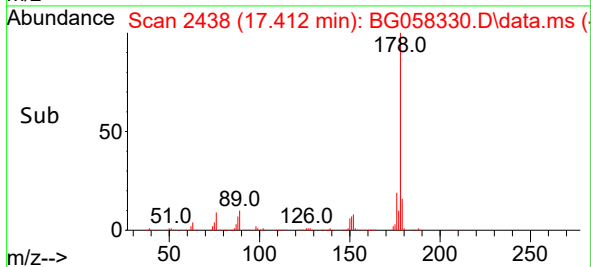
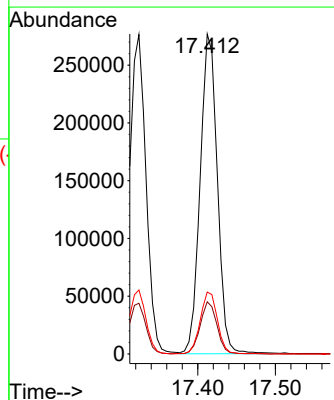
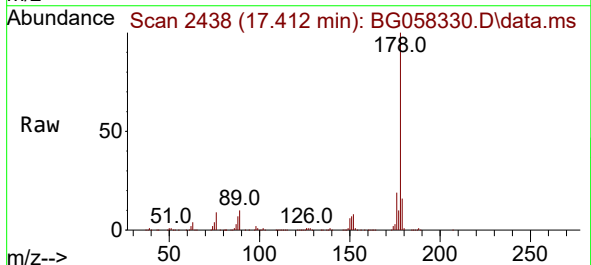
Instrument :
BNA_G
ClientSampleId :

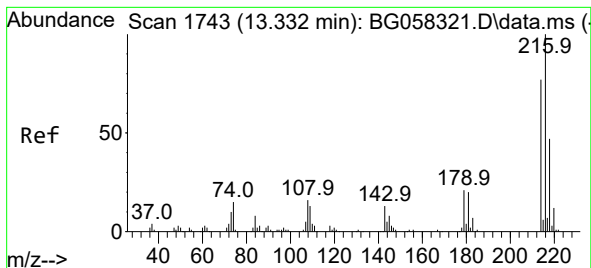
Tgt Ion:178 Resp: 418139
Ion Ratio Lower Upper
178 100
179 15.9 11.9 17.9
176 20.0 15.8 23.8



#74
Anthracene
Concen: 21.798 ng/ul
RT: 17.412 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:178 Resp: 426029
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 19.3 16.2 24.2

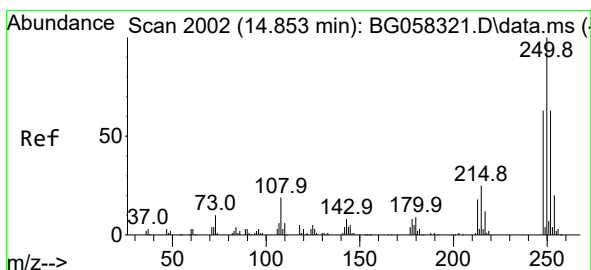
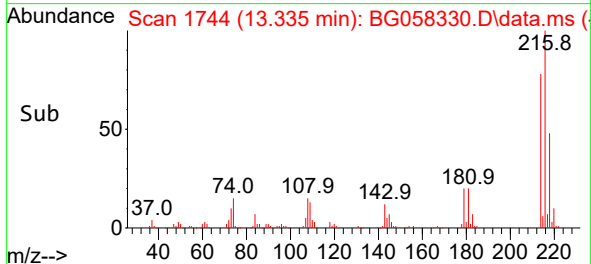
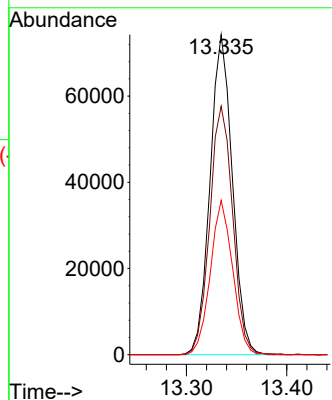
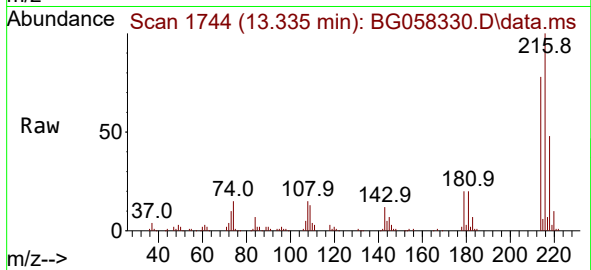




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.389 ng/uL
RT: 13.335 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

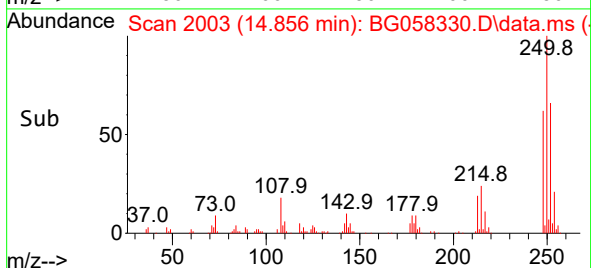
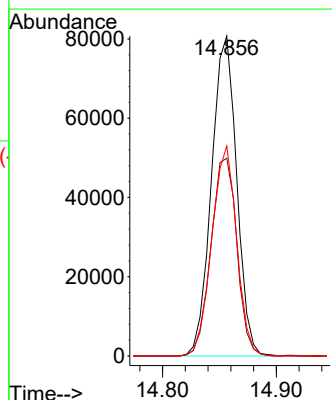
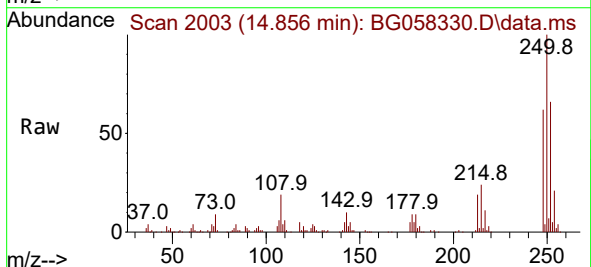
Instrument :
BNA_G
ClientSampleId :

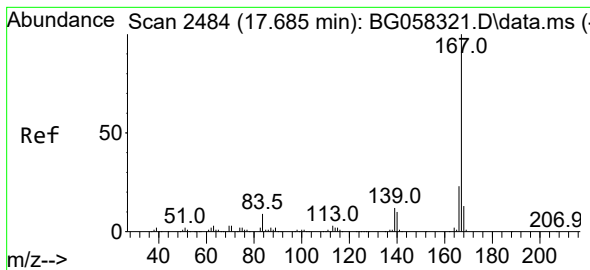
Tgt Ion:216 Resp: 115045
Ion Ratio Lower Upper
216 100
214 77.6 62.2 93.4
218 48.2 40.9 61.3



#76
Pentachlorobenzene
Concen: 22.078 ng/uL
RT: 14.856 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:250 Resp: 124058
Ion Ratio Lower Upper
250 100
248 61.8 51.6 77.4
252 65.6 54.4 81.6





#77

Carbazole

Concen: 22.482 ng/ul

RT: 17.682 min Scan# 24

Delta R.T. 0.001 min

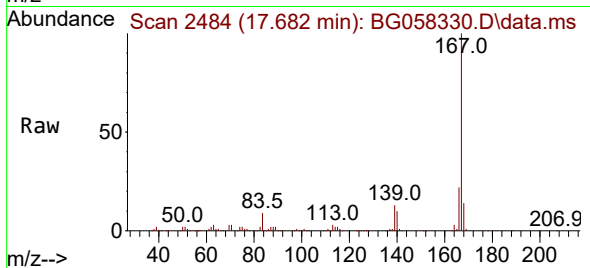
Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Instrument :

BNA_G

ClientSampleId :



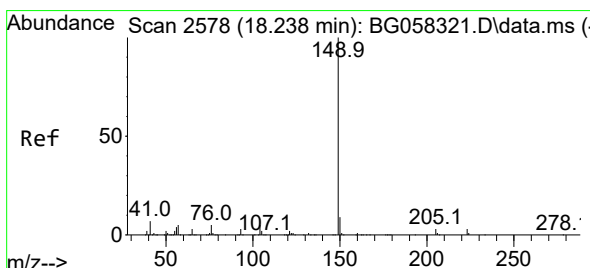
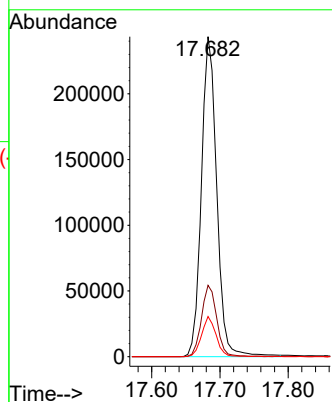
Tgt Ion:167 Resp: 380875

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

139 12.5 9.4 14.0



#78

Di-n-butylphthalate

Concen: 21.868 ng/ul

RT: 18.235 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

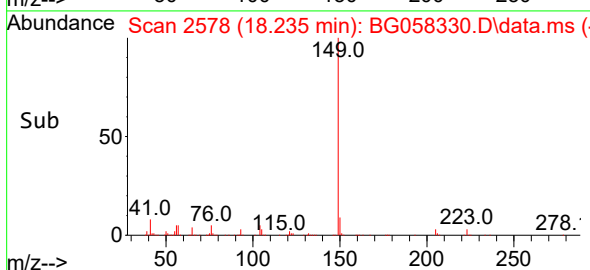
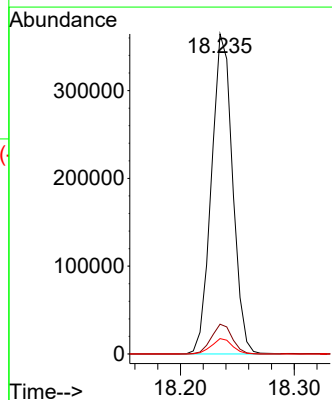
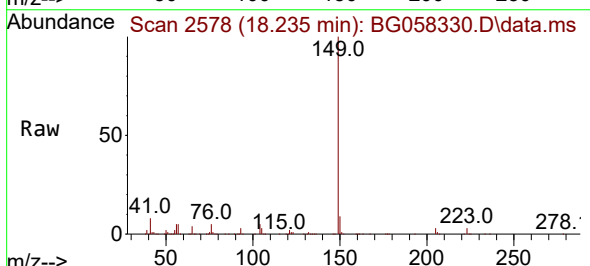
Tgt Ion:149 Resp: 470757

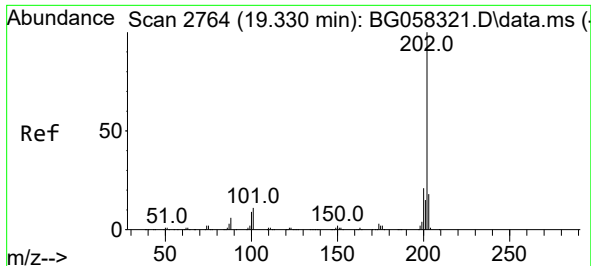
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 4.8 3.9 5.9

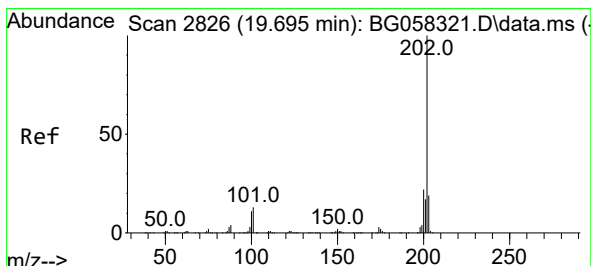
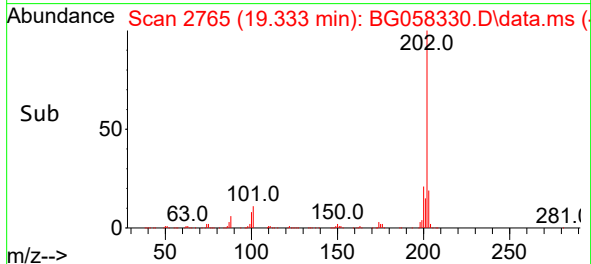
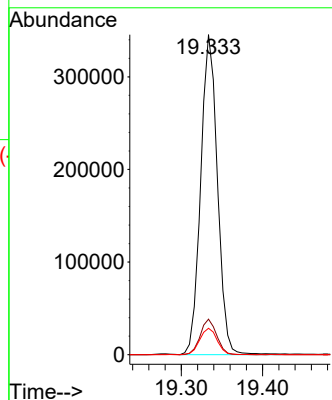
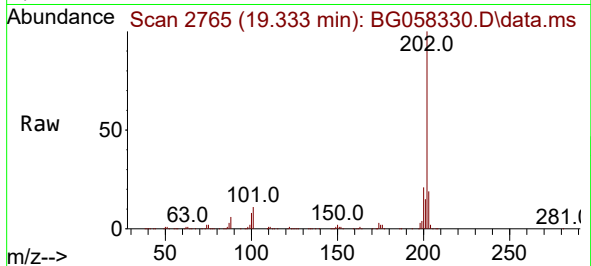




#80
Fluoranthene
Concen: 21.421 ng/ul
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

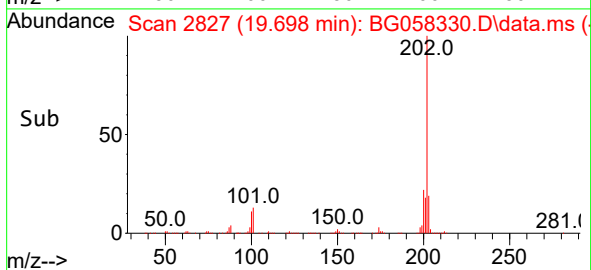
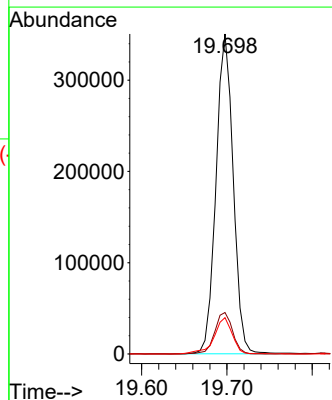
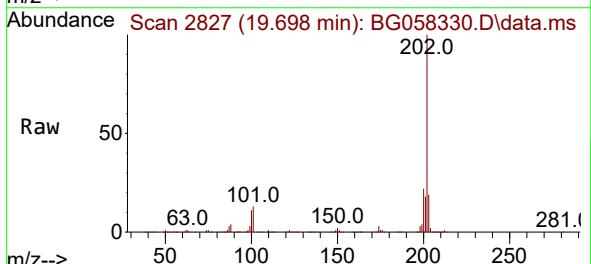
Instrument :
BNA_G
ClientSampleId :

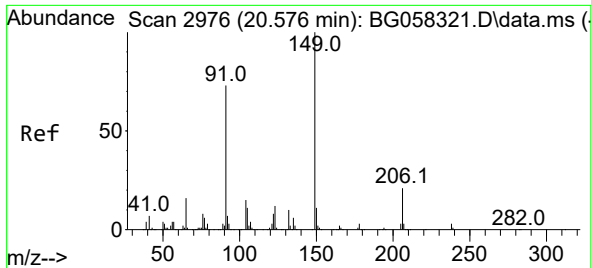
Tgt Ion:202 Resp: 495400
Ion Ratio Lower Upper
202 100
101 11.1 8.6 12.8
100 8.3 7.2 10.8



#82
Pyrene
Concen: 21.013 ng/ul
RT: 19.698 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:202 Resp: 492418
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 11.4 8.9 13.3

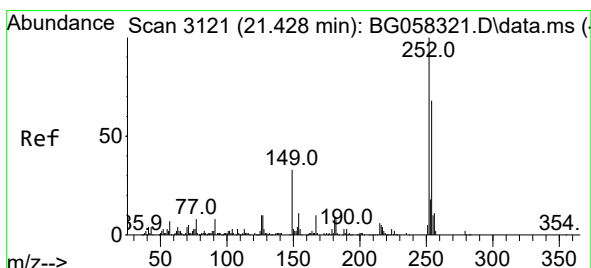
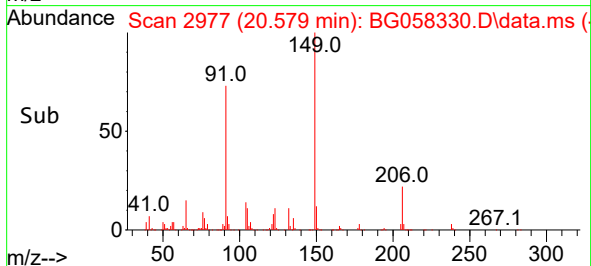
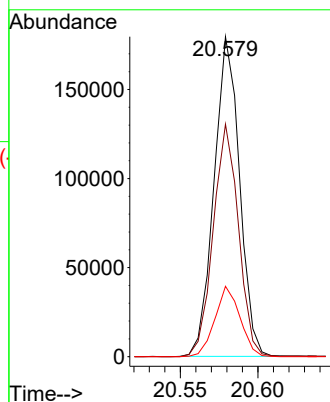
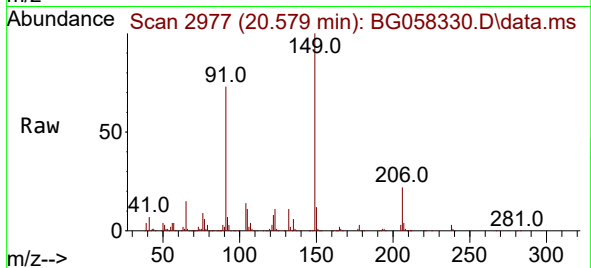




#83
Butylbenzylphthalate
Concen: 22.189 ng/ul
RT: 20.579 min Scan# 2977
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

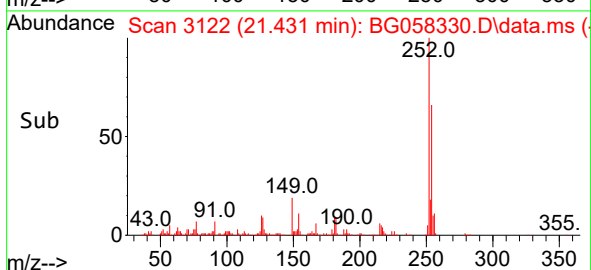
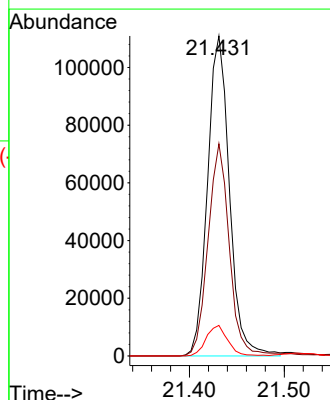
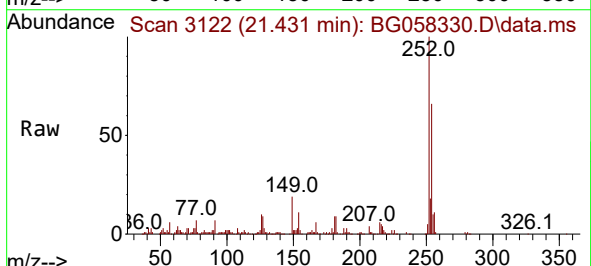
Instrument :
BNA_G
ClientSampleId :

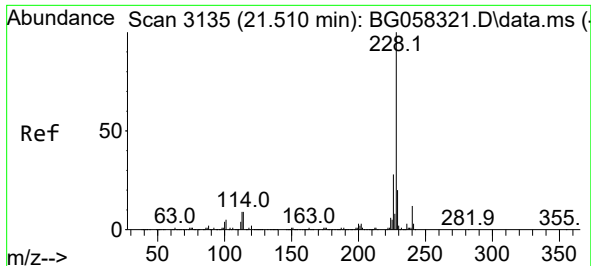
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	59.9	89.9
206	22.0	16.9	25.3



#84
3,3'-Dichlorobenzidine
Concen: 23.324 ng/ul
RT: 21.431 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.5	75.7
126	9.6	6.5	9.7

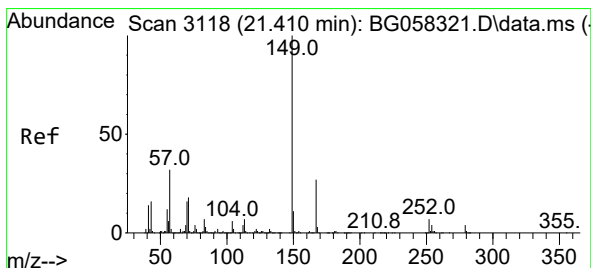
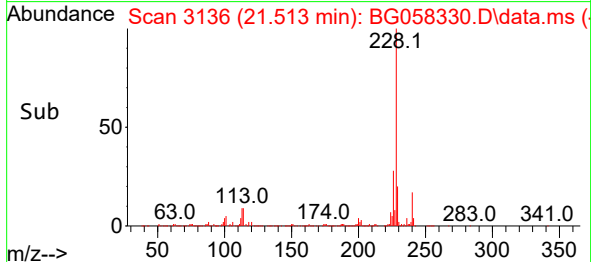
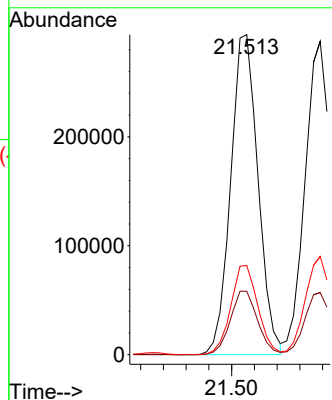
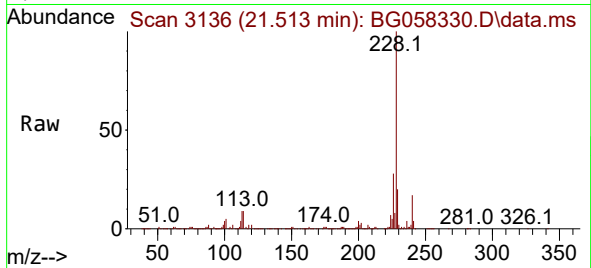




#85
Benzo(a)anthracene
Concen: 21.373 ng/ul
RT: 21.513 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

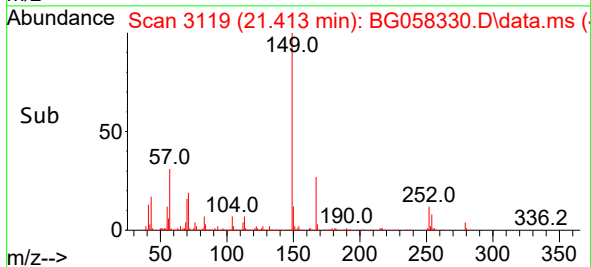
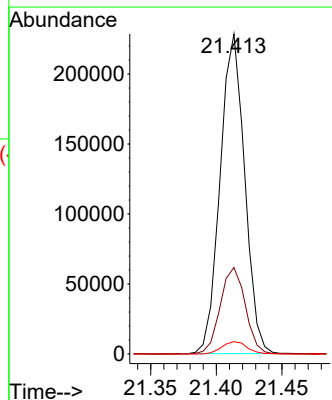
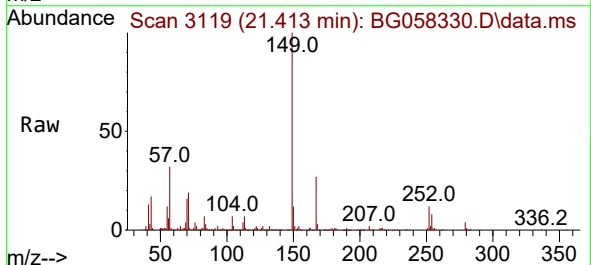
Instrument :
BNA_G
ClientSampleId :

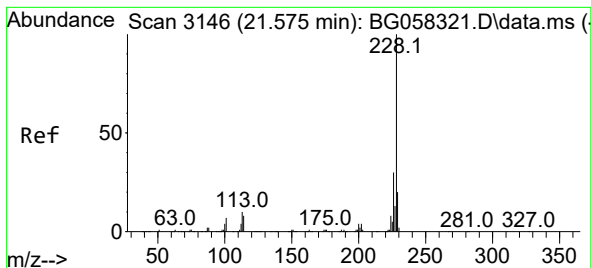
Tgt Ion:228 Resp: 491033
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.9 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.593 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:149 Resp: 296526
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 3.8 3.0 4.4





#87

Chrysene

Concen: 21.416 ng/ul

RT: 21.578 min Scan# 3146

Delta R.T. 0.001 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Instrument :

BNA_G

ClientSampleId :

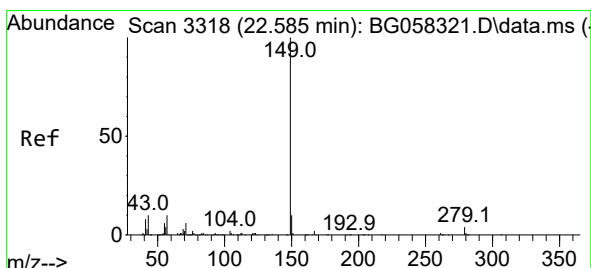
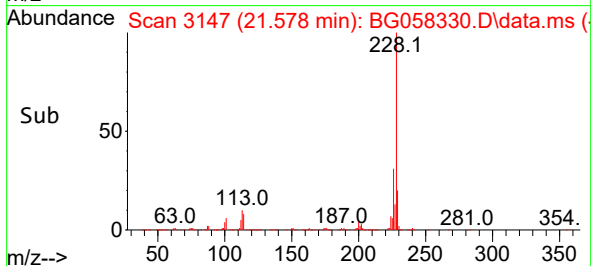
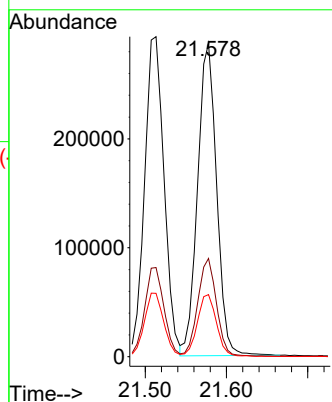
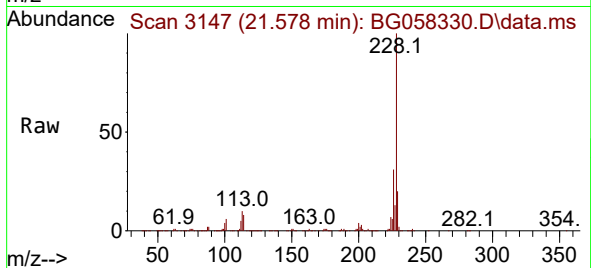
Tgt Ion:228 Resp: 466695

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

229 19.8 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 22.778 ng/ul

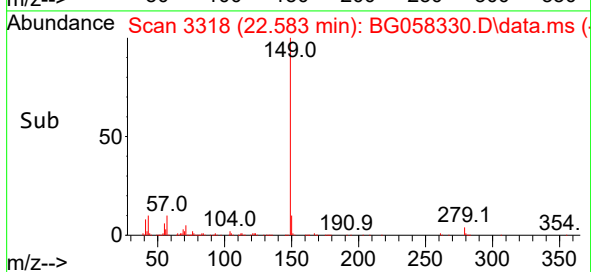
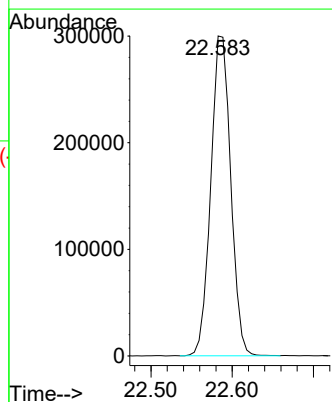
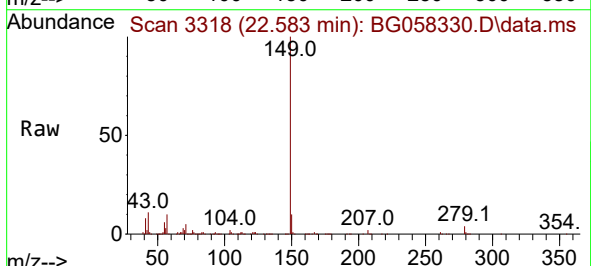
RT: 22.583 min Scan# 3318

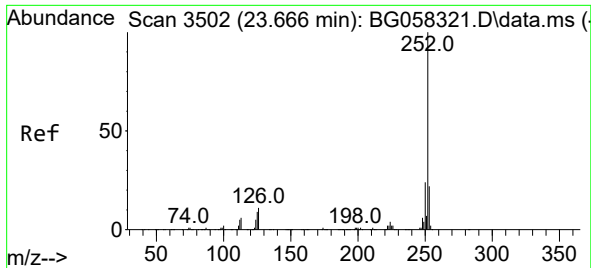
Delta R.T. -0.005 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Tgt Ion:149 Resp: 511958

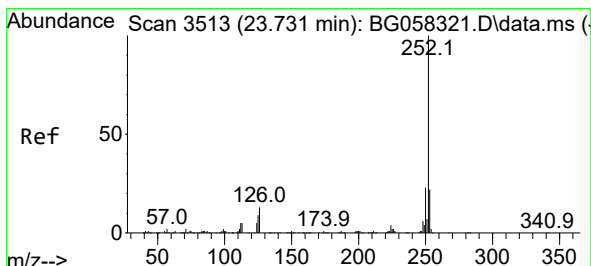
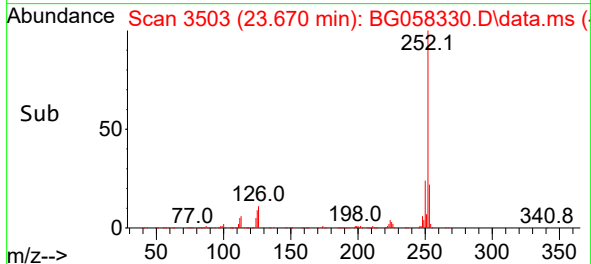
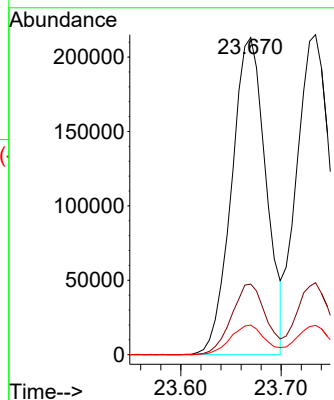
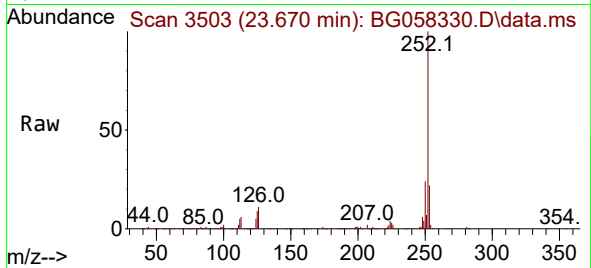




#90
Benzo(b)fluoranthene
Concen: 20.806 ng/ul
RT: 23.670 min Scan# 3502
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

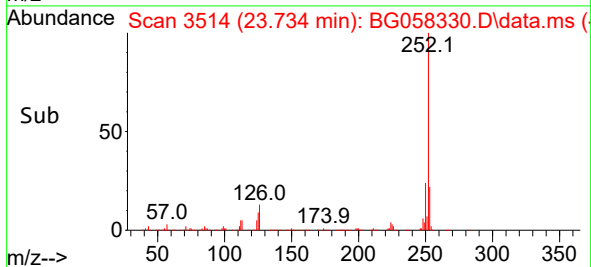
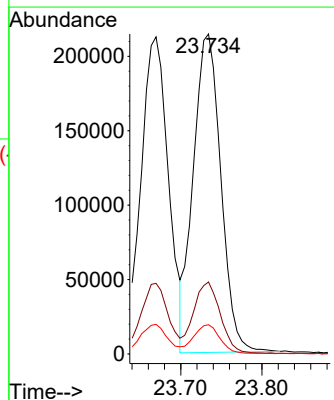
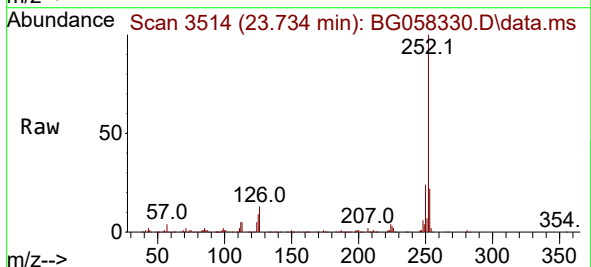
Instrument :
BNA_G
ClientSampleId :

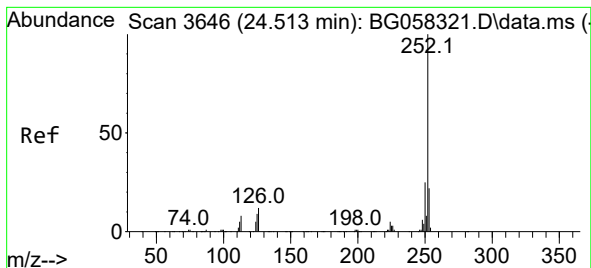
Tgt Ion:252 Resp: 508522
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.3 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 20.702 ng/ul
RT: 23.734 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:252 Resp: 504625
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 9.1 7.4 11.0





#93

Benzo(a)pyrene

Concen: 20.756 ng/ul

RT: 24.516 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

Instrument :

BNA_G

ClientSampleId :

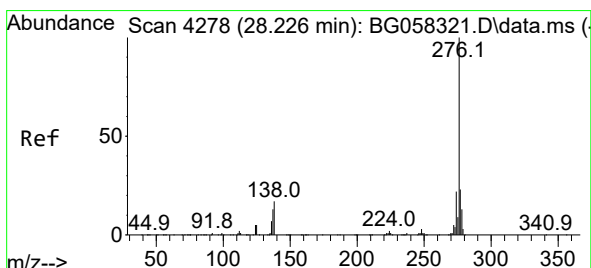
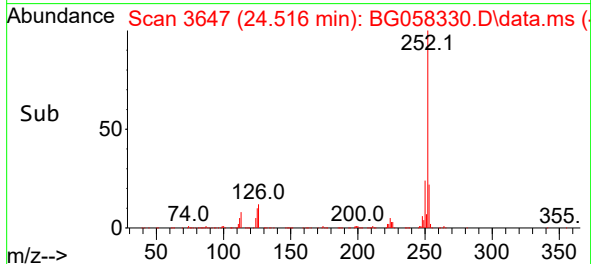
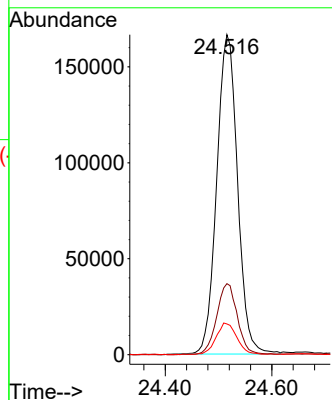
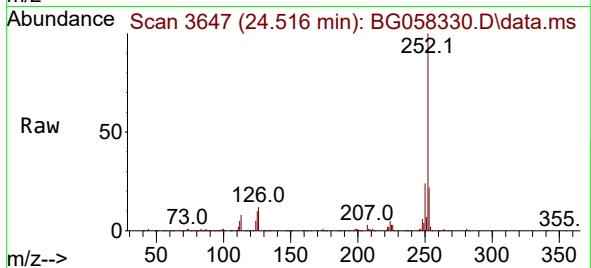
Tgt Ion:252 Resp: 451204

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.6 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.260 ng/ul

RT: 28.235 min Scan# 4280

Delta R.T. 0.007 min

Lab File: BG058330.D

Acq: 19 Jul 2023 16:41

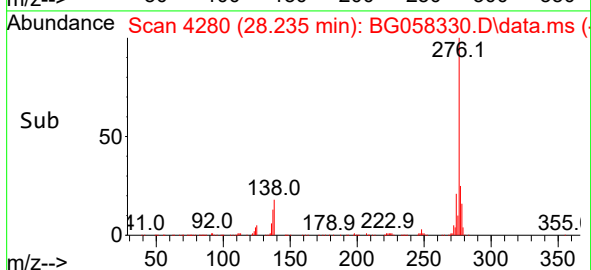
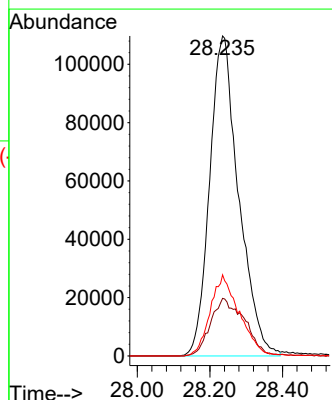
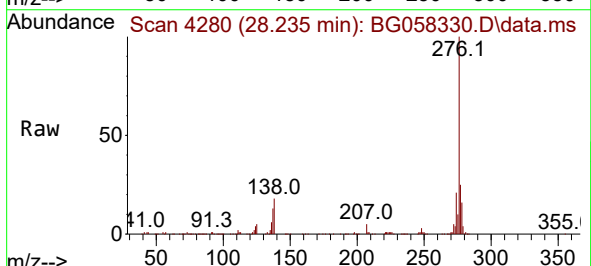
Tgt Ion:276 Resp: 608914

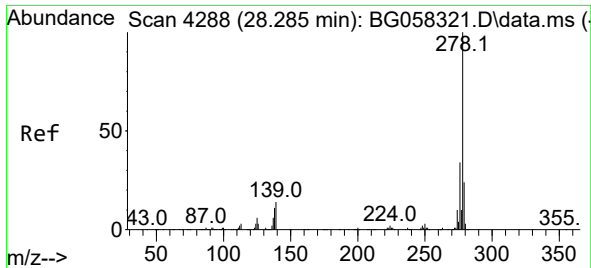
Ion Ratio Lower Upper

276 100

138 18.0 13.8 20.6

277 25.3 19.2 28.8

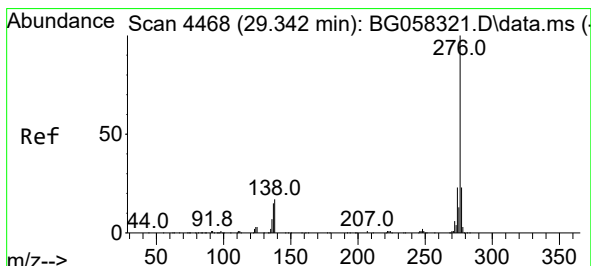
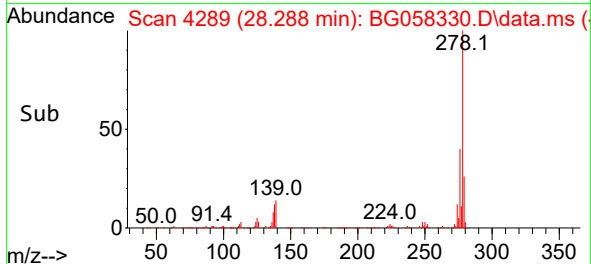
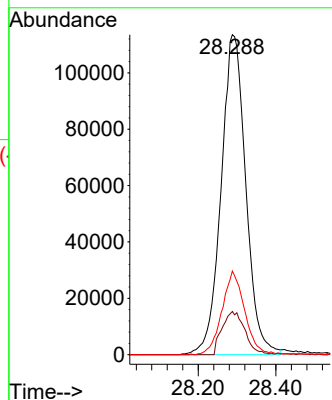
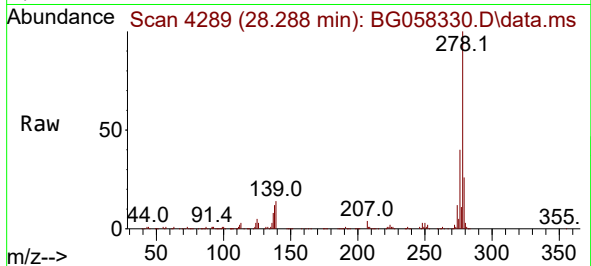




#95
Dibenzo(a,h)anthracene
Concen: 21.413 ng/ul
RT: 28.288 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 502918
Ion Ratio Lower Upper
278 100
139 13.5 10.4 15.6
279 26.2 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 21.457 ng/ul
RT: 29.357 min Scan# 4471
Delta R.T. 0.007 min
Lab File: BG058330.D
Acq: 19 Jul 2023 16:41

Tgt Ion:276 Resp: 500700
Ion Ratio Lower Upper
276 100
138 16.8 13.5 20.3
277 24.8 19.4 29.2

