

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058162.D
 Acq On : 11 Jul 2023 16:59
 Operator : CG/JU
 Sample : 03387-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 22:56:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	43825	20.000	ng/u1	0.00
20) Naphthalene-d8	10.778	136	209414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.603	164	148461	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.347	188	343149	20.000	ng/u1	0.00
79) Chrysene-d12	21.601	240	289452	20.000	ng/u1	0.00
88) Perylene-d12	24.791	264	354637	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	2656	2.122	ng/uL	0.00
4) Pyridine-d5	3.822	84	6657	1.752	ng/u1	0.01
7) Phenol-d5	7.135	99	59870	13.377	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	35270	13.077	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	41184	13.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	36739	10.879	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	22267	13.046	ng/u1	0.00
24) 2-Nitrophenol-d4	9.856	143	24359	13.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.396	165	46699	13.571	ng/u1	0.00
31) 4-Chloroaniline-d4	10.913	131	23252	4.457	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	159164	13.588	ng/u1	0.00
49) Acenaphthylene-d8	14.297	160	179692	14.058	ng/u1	0.00
54) 4-Nitrophenol-d4	14.797	143	19149	9.253	ng/u1	0.00
60) Fluorene-d10	15.590	176	142180	14.292	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.708	200	13771	7.391	ng/u1	0.00
73) Anthracene-d10	17.441	188	218717	13.736	ng/u1	0.00
81) Pyrene-d10	19.726	212	270117	14.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	259650	14.371	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	7849	5.077	ng/uL#	94
6) Benzaldehyde	7.112	77	35963	24.061	ng/u1	95
8) Phenol	7.159	94	70772	15.583	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.388	93	49577	14.137	ng/u1	97
12) 2-Chlorophenol	7.535	128	47308	14.728	ng/u1	96
13) 2-Methylphenol	8.410	108	41378	11.600	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.493	45	78912	14.618	ng/u1	98
16) Acetophenone	8.792	105	96096	17.151	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	46444	15.506	ng/u1	99
18) 4-Methylphenol	8.739	108	51036	13.232	ng/u1	98
19) Hexachloroethane	9.057	117	18320	14.877	ng/u1	97
22) Nitrobenzene	9.174	77	63659	14.367	ng/u1	96
23) Isophorone	9.691	82	130195	13.771	ng/u1	97
25) 2-Nitrophenol	9.885	139	28252	14.677	ng/u1	93
26) 2,4-Dimethylphenol	9.944	107	9963	2.302	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.179	93	73835	13.859	ng/u1	99
29) 2,4-Dichlorophenol	10.426	162	50638	15.135	ng/u1	95
30) Naphthalene	10.831	128	175022	14.872	ng/u1	99
32) 4-Chloroaniline	10.937	127	22411	4.201	ng/u1	97
33) Hexachlorobutadiene	11.107	225	33716	14.234	ng/u1	98
34) Caprolactam	11.683	113	17577	13.067	ng/u1	97
35) 4-Chloro-3-methylphenol	12.059	107	60532	14.728	ng/u1	99
36) 2-Methylnaphthalene	12.429	142	119519	15.066	ng/u1	97
37) 1-Methylnaphthalene	12.652	142	120190	15.108	ng/u1	98

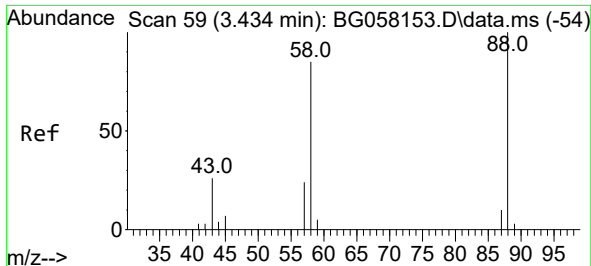
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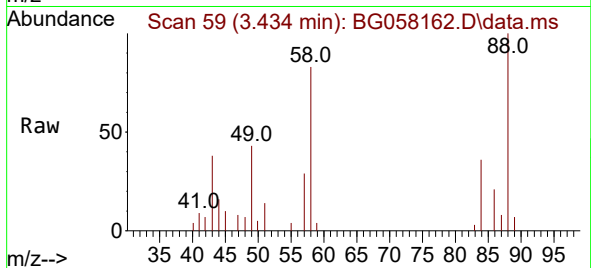
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.799	216	69233	15.303	ng/ul	98
40) Hexachlorocyclopentadiene	12.776	237	15439	5.418	ng/ul	95
41) 2,4,6-Trichlorophenol	13.040	196	46838	15.275	ng/ul	97
42) 2,4,5-Trichlorophenol	13.111	196	49437	14.908	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	164681	15.393	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	132082	15.382	ng/ul	98
45) 2-Nitroaniline	13.681	65	46332	15.520	ng/ul	97
47) Dimethylphthalate	14.051	163	176767	15.020	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	36066	14.930	ng/ul	100
50) Acenaphthylene	14.327	152	209155	15.152	ng/ul	99
51) 3-Nitroaniline	14.503	138	25963	12.718	ng/ul#	97
52) Acenaphthene	14.662	153	146931	15.512	ng/ul	96
53) 2,4-Dinitrophenol	14.715	184	14786	11.741	ng/ul	93
55) 4-Nitrophenol	14.809	109	20670	13.482	ng/ul	91
56) Dibenzofuran	15.003	168	211375	15.699	ng/ul	98
57) 2,4-Dinitrotoluene	14.961	165	52249	15.266	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	43815	14.514	ng/ul	99
59) Diethylphthalate	15.408	149	182074	14.823	ng/ul	99
61) Fluorene	15.649	166	173443	15.700	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.637	204	90260	15.441	ng/ul	99
63) 4-Nitroaniline	15.666	138	29033	15.876	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.725	198	26685	14.004	ng/ul	100
67) N-Nitrosodiphenylamine	15.849	169	142028	15.552	ng/ul	98
68) 4-Bromophenyl-phenylether	16.530	248	60820	16.147	ng/ul	99
69) Hexachlorobenzene	16.648	284	68122	16.153	ng/ul	98
70) Atrazine	16.795	200	39301	10.524	ng/ul	97
71) Pentachlorophenol	16.994	266	30869	12.192	ng/ul	96
72) Phenanthrene	17.388	178	281249	16.113	ng/ul	99
74) Anthracene	17.476	178	264527	14.976	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	74934	16.466	ng/uL	95
76) Pentachlorobenzene	14.920	250	184229	37.904	ng/uL	98
77) Carbazole	17.746	167	251758	15.760	ng/ul	99
78) Di-n-butylphthalate	18.299	149	328726	16.154	ng/ul	99
80) Fluoranthene	19.392	202	335961	15.904	ng/ul	99
82) Pyrene	19.756	202	342401	16.103	ng/ul	100
83) Butylbenzylphthalate	20.637	149	142712	16.551	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.495	252	66022	9.422	ng/ul	94
85) Benzo(a)anthracene	21.583	228	335834	16.159	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.477	149	227989	18.452	ng/ul	97
87) Chrysene	21.648	228	318581	16.352	ng/ul	99
89) Di-n-octyl phthalate	22.676	149	366045	16.799	ng/ul	100
90) Benzo(b)fluoranthene	23.775	252	361910	16.482	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	345396	16.048	ng/ul	99
93) Benzo(a)pyrene	24.638	252	296739	15.268	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.422	276	153751	5.957	ng/ul	98
95) Dibenzo(a,h)anthracene	28.493	278	346582	16.285	ng/ul	95
96) Benzo(g,h,i)perylene	29.580	276	325161	15.425	ng/ul	98

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



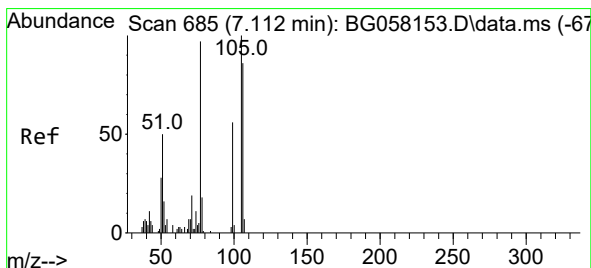
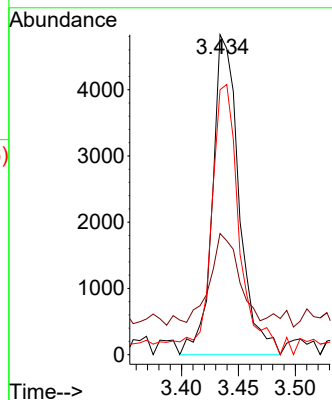
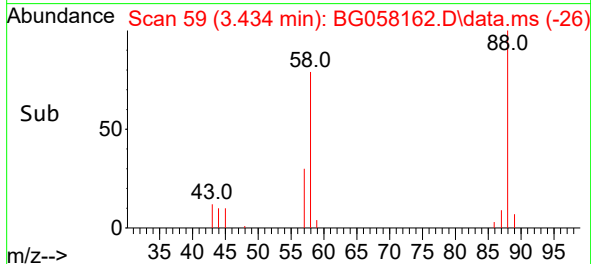
#2
1,4-Dioxane
Concen: 5.077 ng/uL
RT: 3.434 min Scan# 59
Delta R.T. -0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 88 Resp: 7849

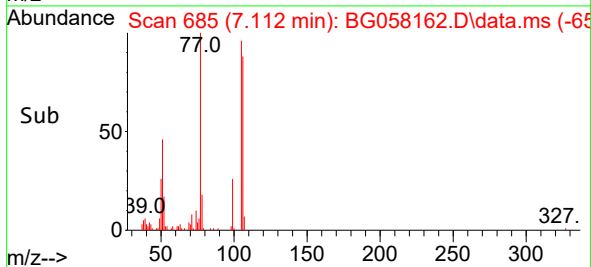
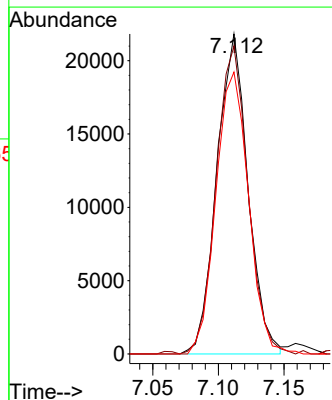
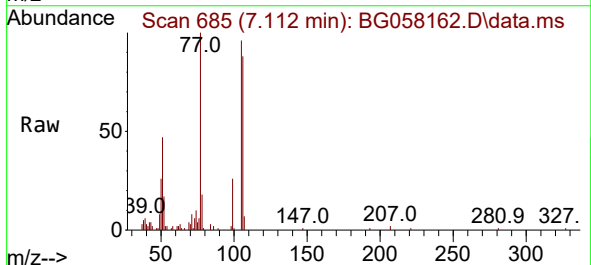
Ion	Ratio	Lower	Upper
88	100		
43	37.9	20.6	30.8
58	82.8	65.5	98.3

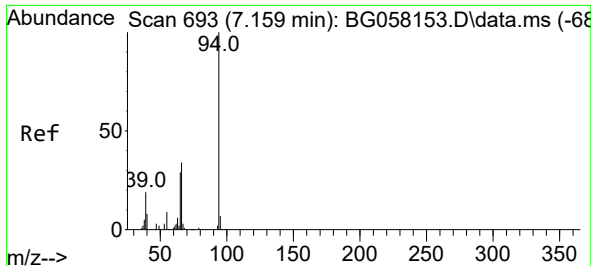


#6
Benzaldehyde
Concen: 24.061 ng/uL
RT: 7.112 min Scan# 685
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion: 77 Resp: 35963

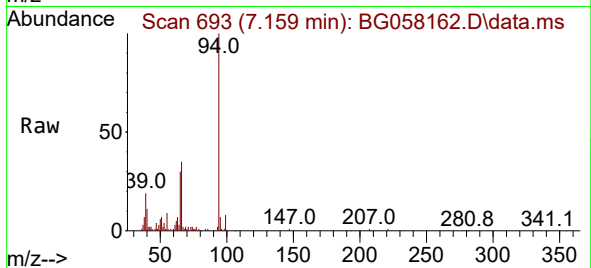
Ion	Ratio	Lower	Upper
77	100		
105	96.2	74.7	112.1
106	88.1	75.9	113.9



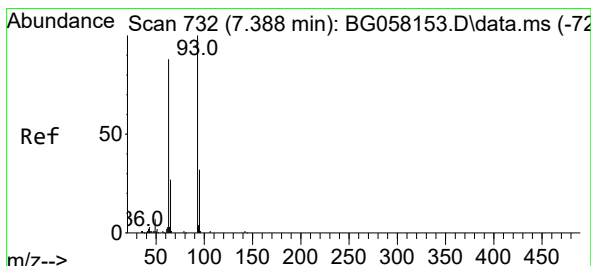
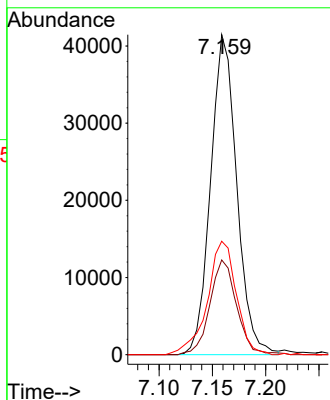
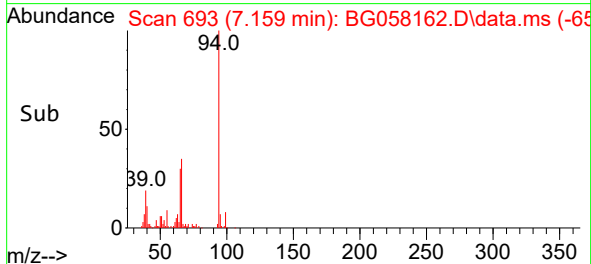


#8
Phenol
Concen: 15.583 ng/ul
RT: 7.159 min Scan# 693
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Instrument :
BNA_G
ClientSampleId :

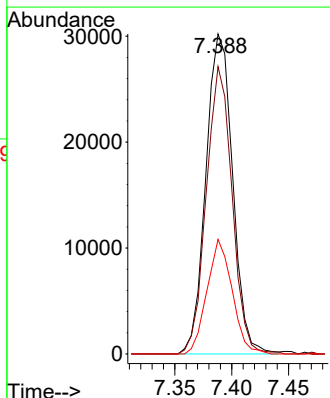
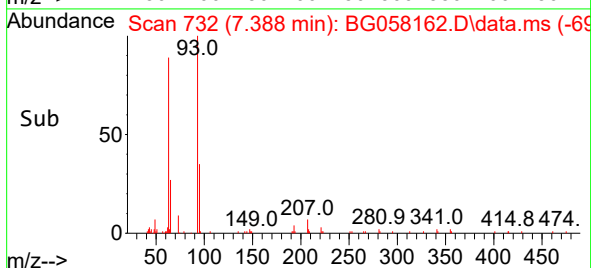
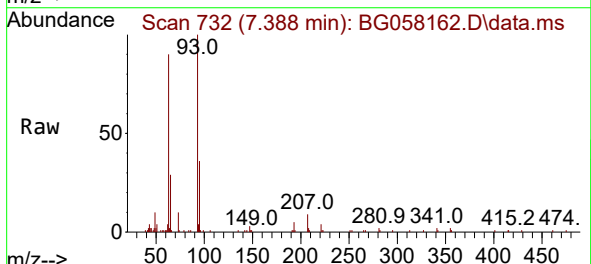


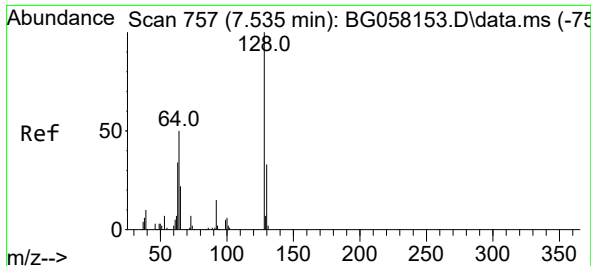
Tgt Ion:	94	Resp:	70772
Ion	Ratio	Lower	Upper
94	100		
65	29.6	22.2	33.4
66	35.4	28.6	43.0



#10
Bis(2-Chloroethyl)ether
Concen: 14.137 ng/ul
RT: 7.388 min Scan# 732
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:	93	Resp:	49577
Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.4	104.0
95	35.8	27.0	40.6

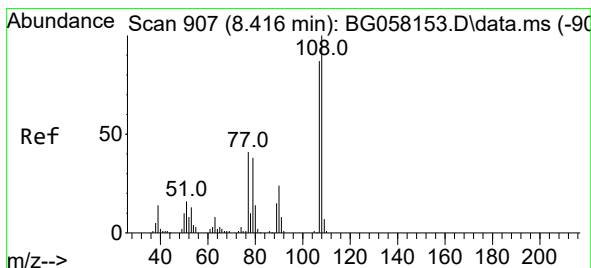
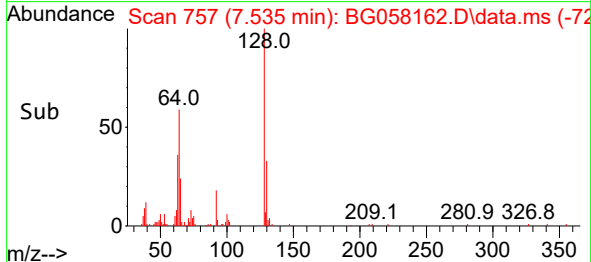
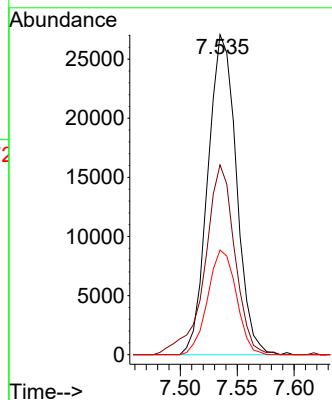
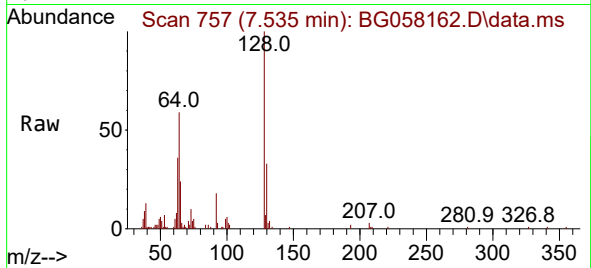




#12
2-Chlorophenol
Concen: 14.728 ng/ul
RT: 7.535 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

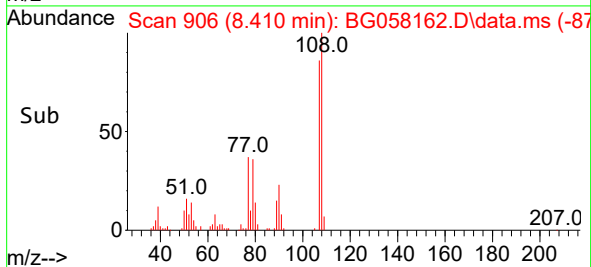
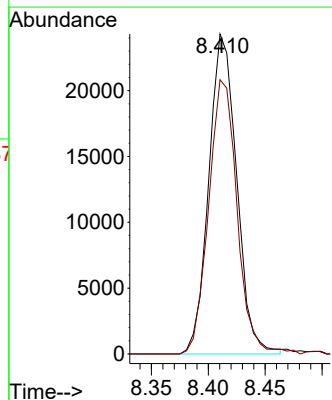
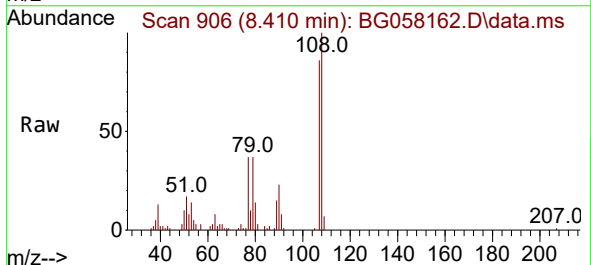
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ClientSampleId :

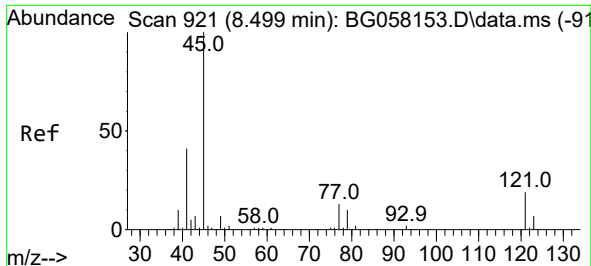
Tgt Ion:128 Resp: 47308
Ion Ratio Lower Upper
128 100
64 59.3 44.3 66.5
130 32.7 27.3 40.9



#13
2-Methylphenol
Concen: 11.600 ng/ul
RT: 8.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:108 Resp: 41378
Ion Ratio Lower Upper
108 100
107 85.7 75.0 112.4

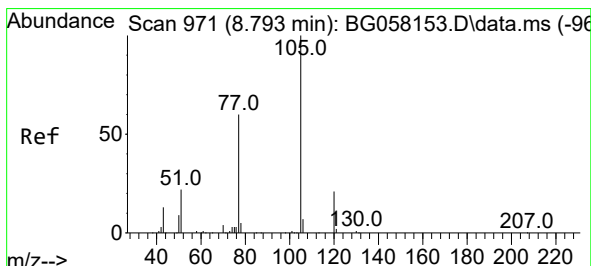
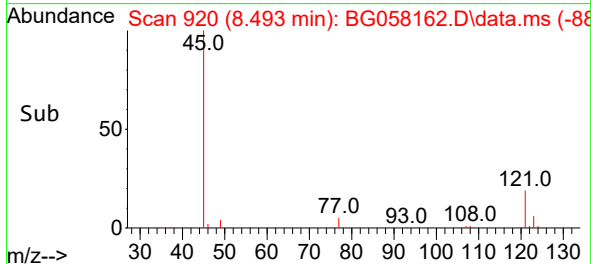
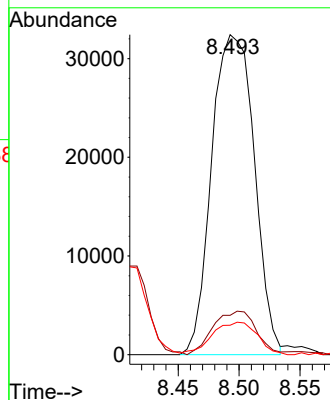
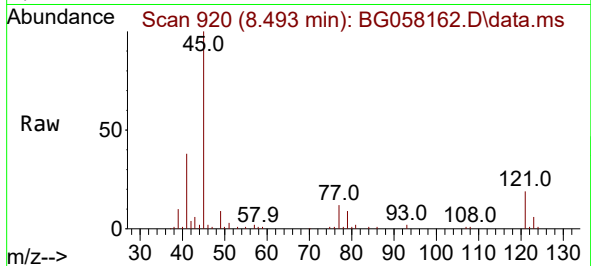




#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.618 ng/ul
RT: 8.493 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

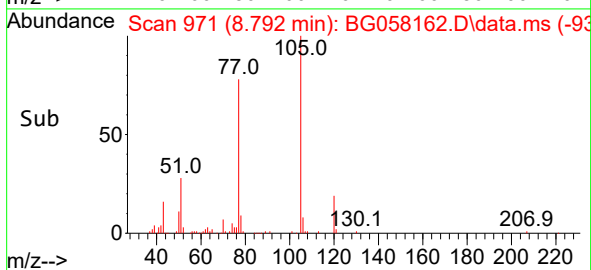
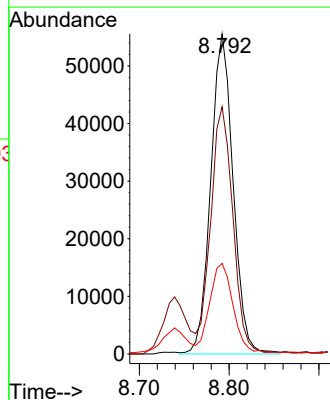
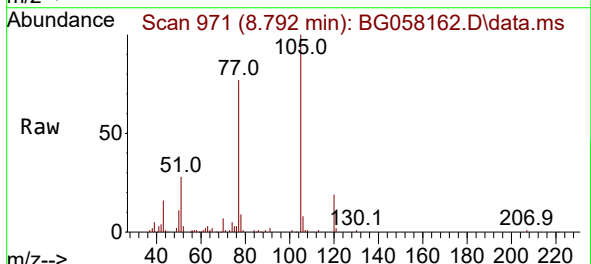
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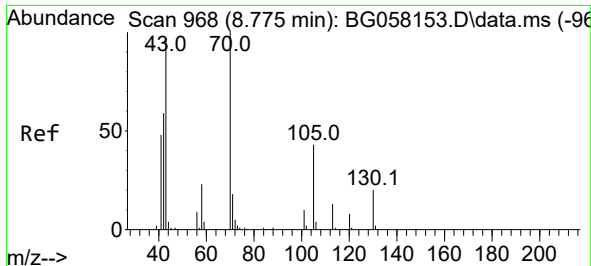
Tgt Ion: 45 Resp: 78912
Ion Ratio Lower Upper
45 100
77 12.3 9.4 14.2
79 9.2 8.3 12.5



#16
Acetophenone
Concen: 17.151 ng/ul
RT: 8.792 min Scan# 971
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion: 105 Resp: 96096
Ion Ratio Lower Upper
105 100
77 77.2 61.2 91.8
51 28.3 23.5 35.3

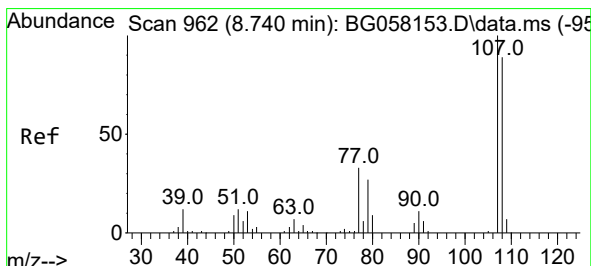
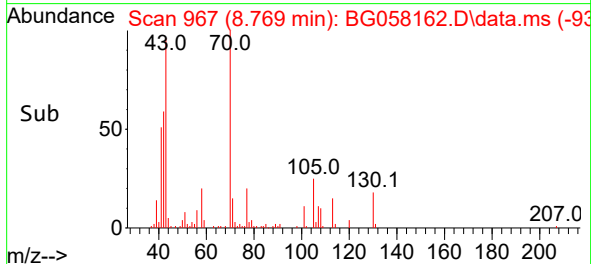
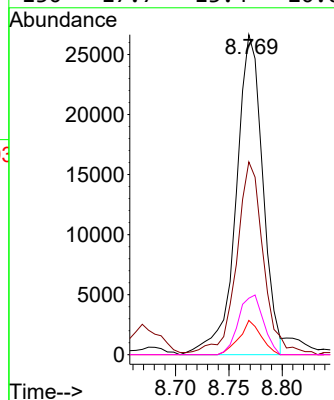
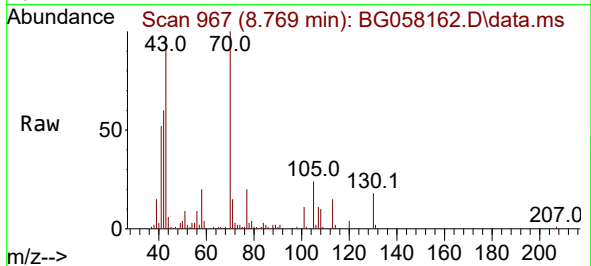




#17
N-Nitroso-di-n-propylamine
Concen: 15.506 ng/ul
RT: 8.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

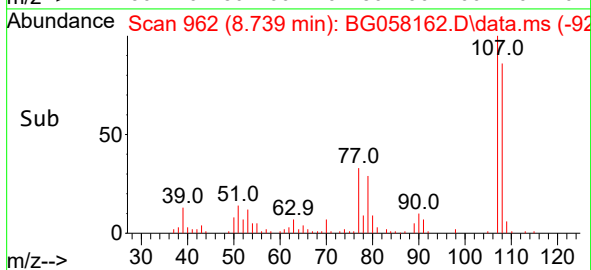
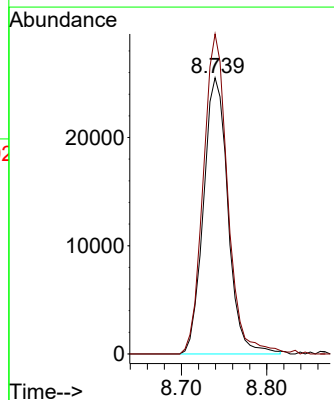
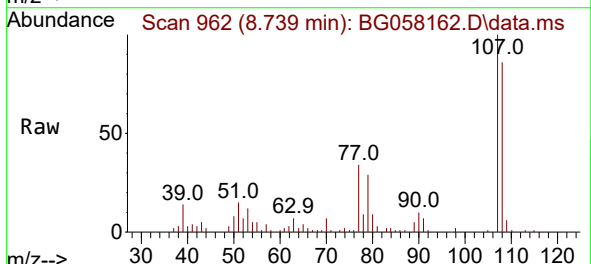
Instrument :
BNA_G
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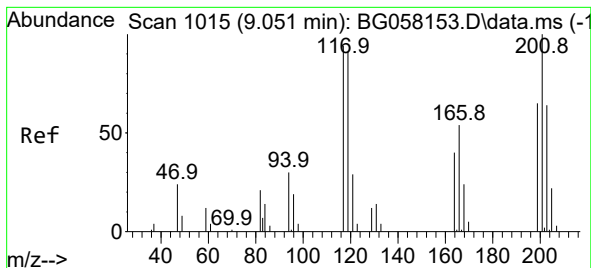
Tgt Ion:	70	Resp:	46444
Ion	Ratio	Lower	Upper
70	100		
42	60.2	48.0	72.0
101	10.7	7.4	11.2
130	17.7	13.4	20.0



#18
4-Methylphenol
Concen: 13.232 ng/ul
RT: 8.739 min Scan# 962
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:	108	Resp:	51036
Ion	Ratio	Lower	Upper
108	100		
107	115.9	91.1	136.7





#19

Hexachloroethane

Concen: 14.877 ng/ul

RT: 9.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

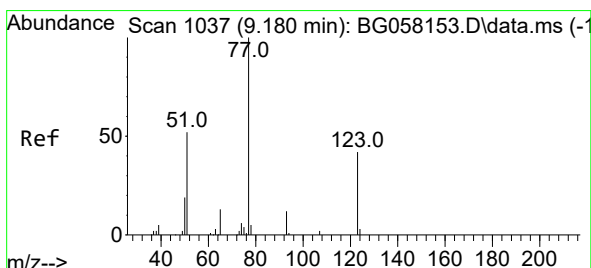
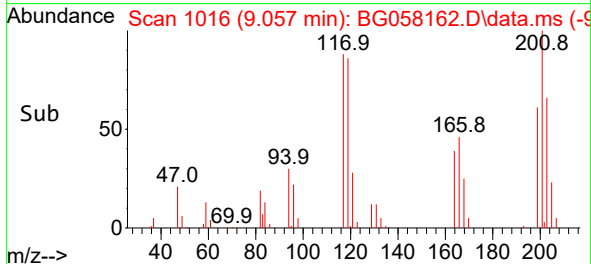
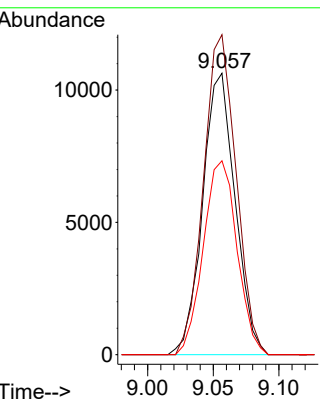
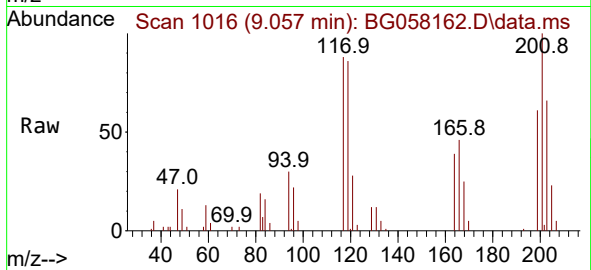
Tgt Ion:117 Resp: 18320

Ion Ratio Lower Upper

117 100

201 116.8 94.0 141.0

199 68.9 59.8 89.6



#22

Nitrobenzene

Concen: 14.367 ng/ul

RT: 9.174 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

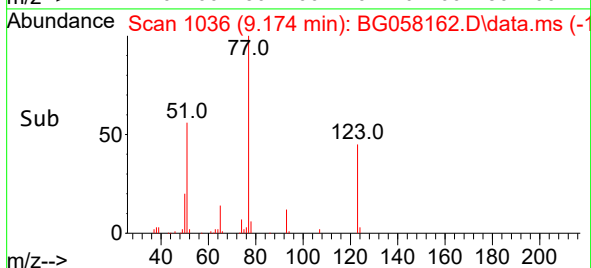
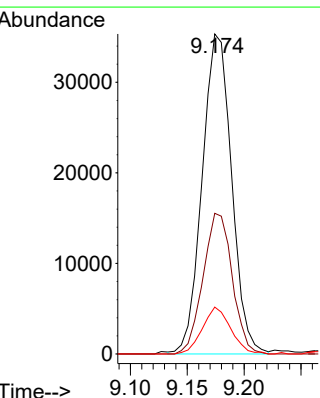
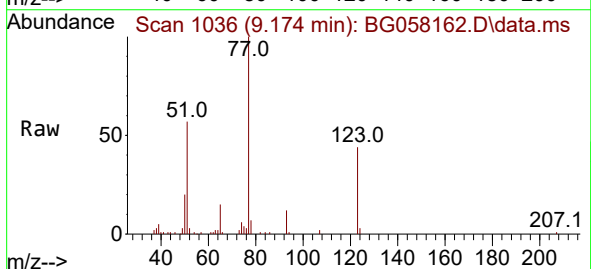
Tgt Ion: 77 Resp: 63659

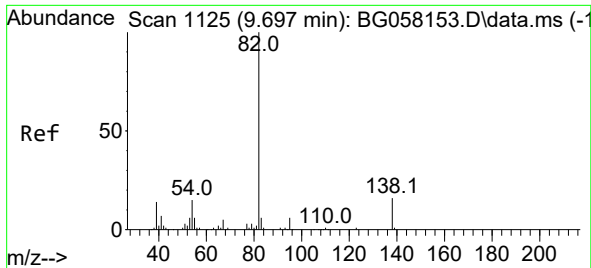
Ion Ratio Lower Upper

77 100

123 44.0 33.3 49.9

65 14.6 10.4 15.6

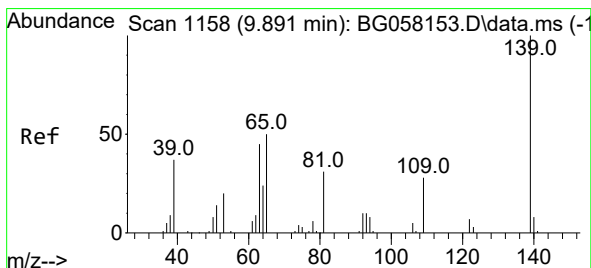
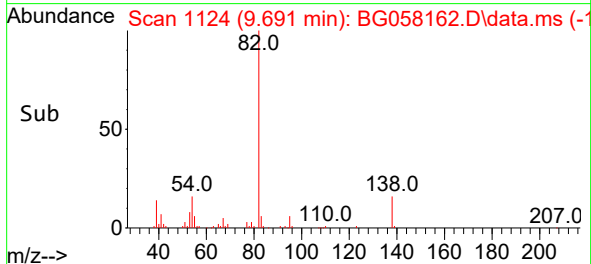
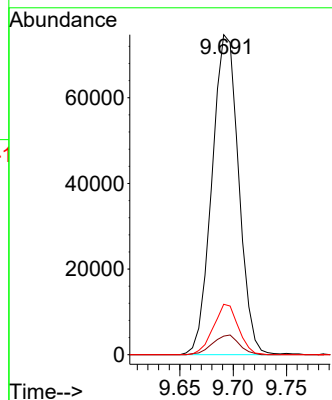
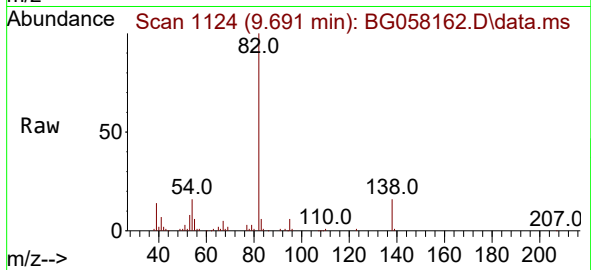




#23
Isophorone
Concen: 13.771 ng/ul
RT: 9.691 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

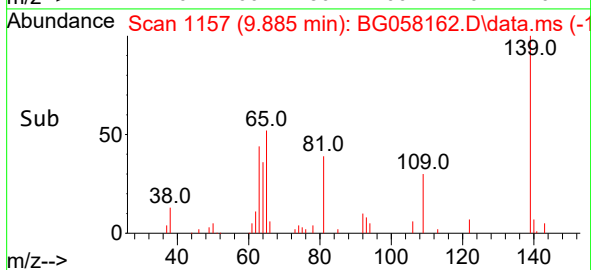
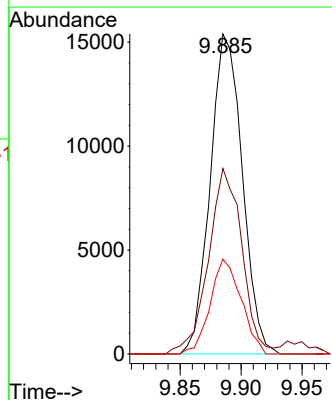
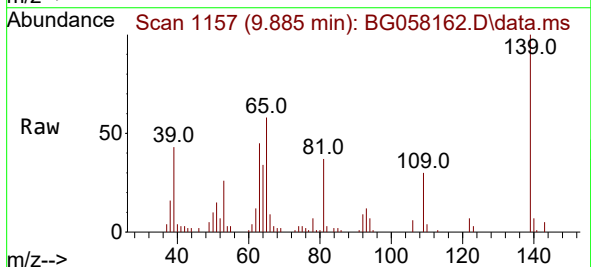
Instrument :
BNA_G
ClientSampleId :

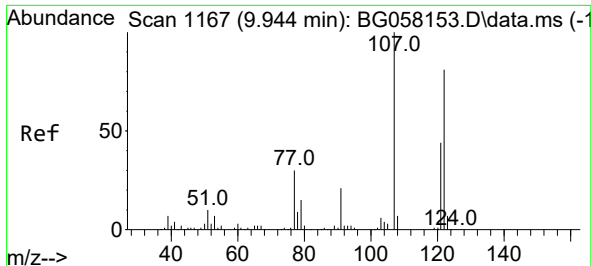
Tgt Ion: 82 Resp: 130195
Ion Ratio Lower Upper
82 100
95 5.8 4.8 7.2
138 15.8 11.4 17.0



#25
2-Nitrophenol
Concen: 14.677 ng/ul
RT: 9.885 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:139 Resp: 28252
Ion Ratio Lower Upper
139 100
65 57.9 42.6 64.0
109 29.6 20.7 31.1

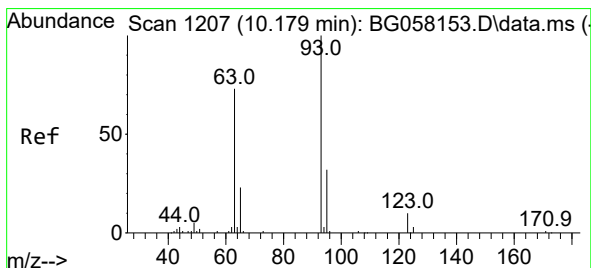
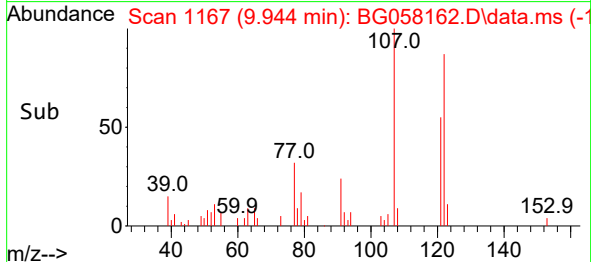
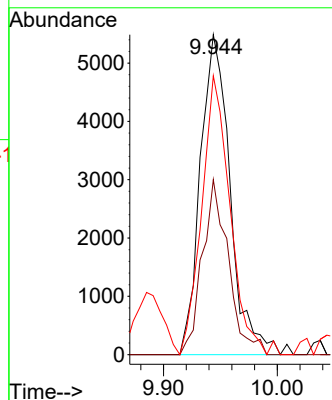
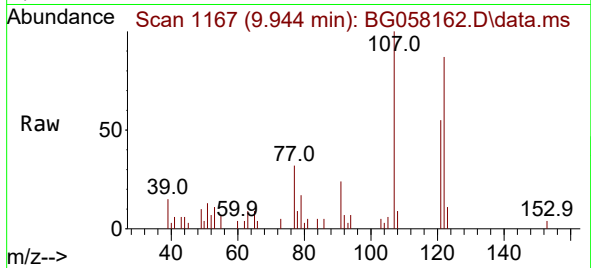




#26
2,4-Dimethylphenol
Concen: 2.302 ng/ul
RT: 9.944 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

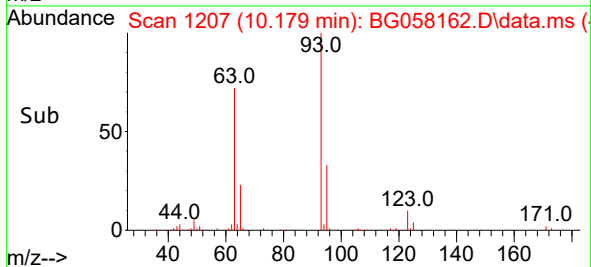
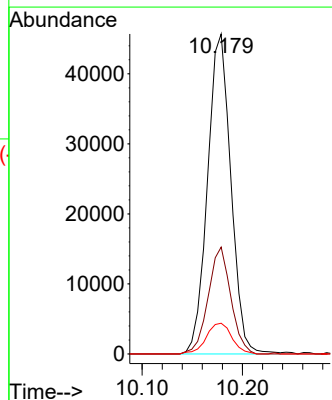
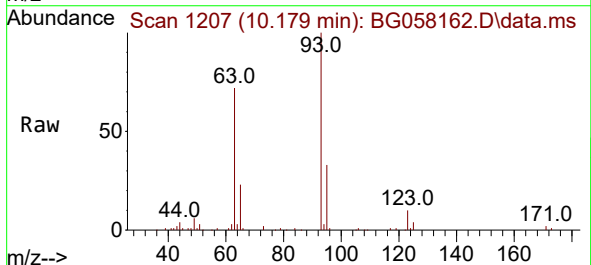
Instrument :
BNA_G
ClientSampleId :

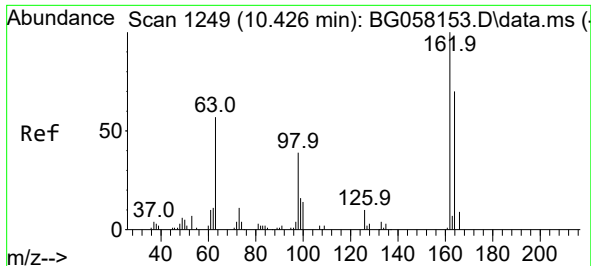
Tgt Ion:107 Resp: 9963
Ion Ratio Lower Upper
107 100
121 54.7 40.6 60.8
122 87.2 67.1 100.7



#27
Bis(2-Chloroethoxy)methane
Concen: 13.859 ng/ul
RT: 10.179 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion: 93 Resp: 73835
Ion Ratio Lower Upper
93 100
95 33.4 26.4 39.6
123 9.6 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 15.135 ng/ul

RT: 10.426 min Scan# 1249

Delta R.T. -0.000 min

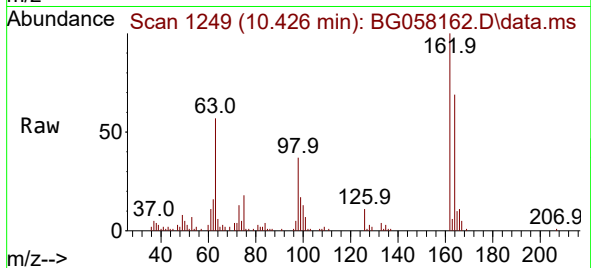
Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

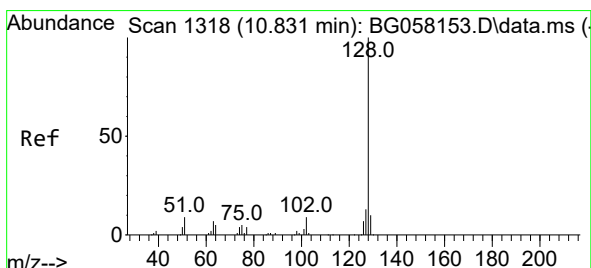
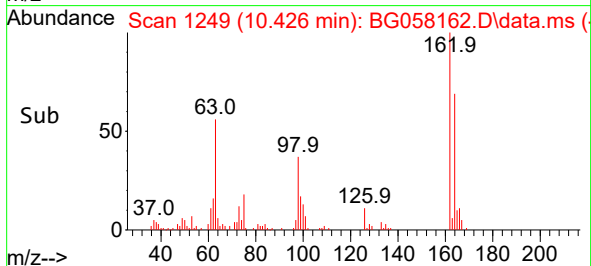
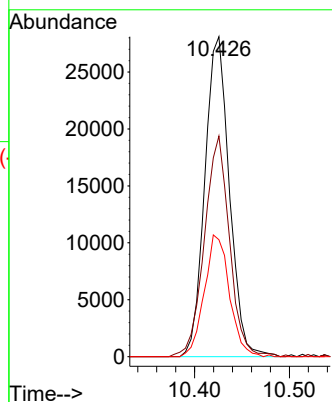
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	162	Resp:	50638
Ion Ratio	Lower	Upper	
162	100		
164	68.9	51.1	76.7
98	36.6	27.9	41.9



#30

Naphthalene

Concen: 14.872 ng/ul

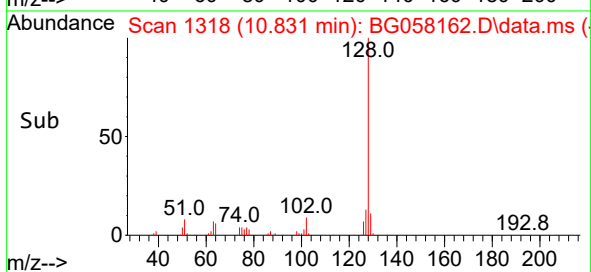
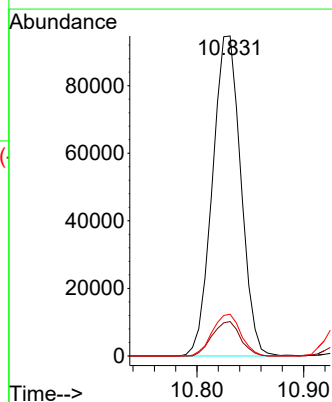
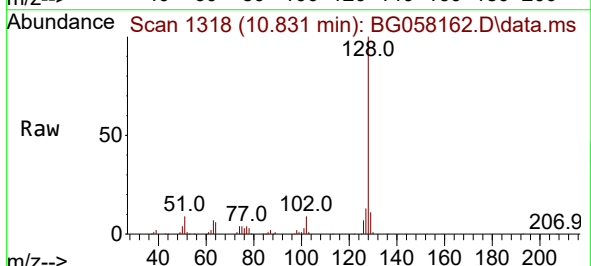
RT: 10.831 min Scan# 1318

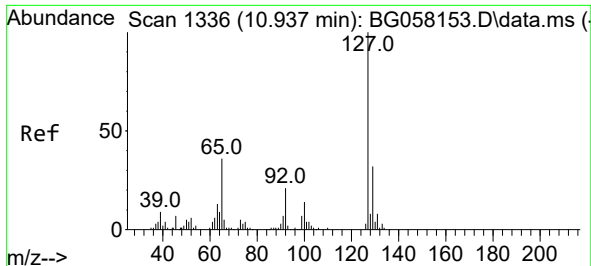
Delta R.T. 0.006 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Tgt Ion:	128	Resp:	175022
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	13.1	10.2	15.2

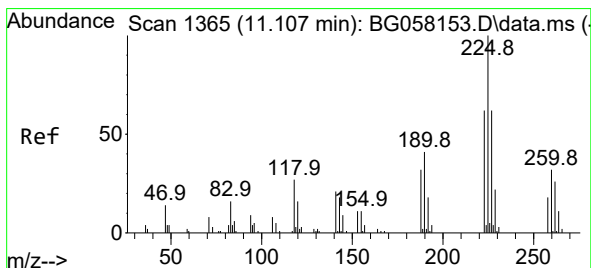
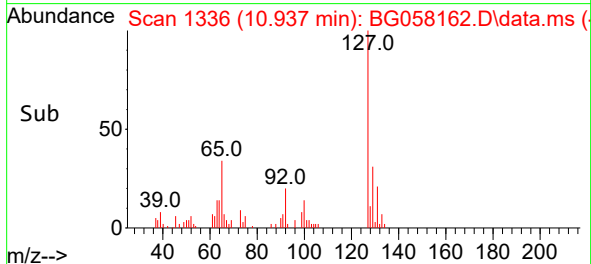
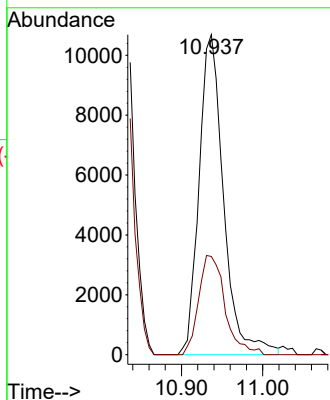
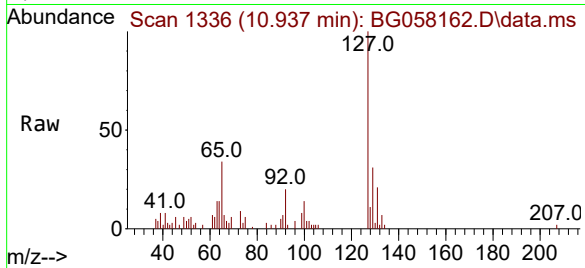




#32
4-Chloroaniline
Concen: 4.201 ng/ul
RT: 10.937 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

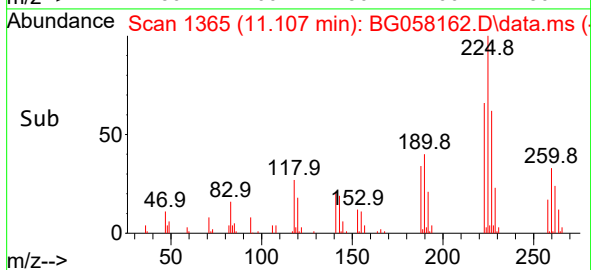
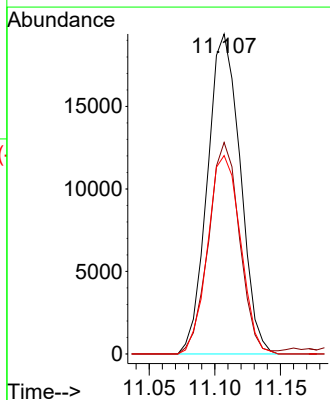
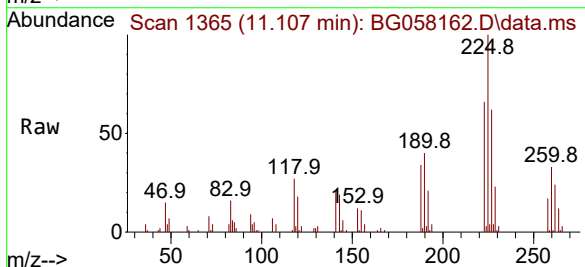
Instrument :
BNA_G
ClientSampleId :

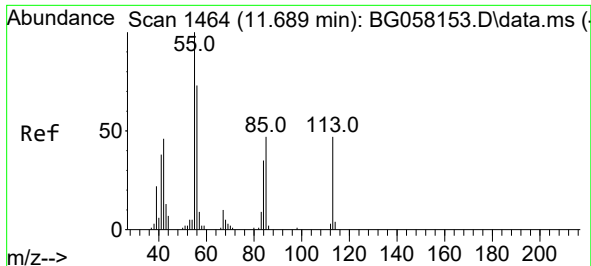
Tgt Ion:127 Resp: 22411
Ion Ratio Lower Upper
127 100
129 30.7 26.0 39.0



#33
Hexachlorobutadiene
Concen: 14.234 ng/ul
RT: 11.107 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:225 Resp: 33716
Ion Ratio Lower Upper
225 100
223 66.1 53.2 79.8
227 62.0 51.4 77.2

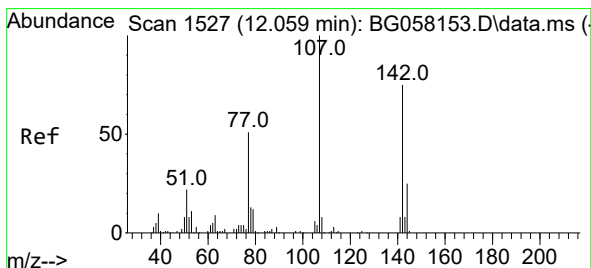
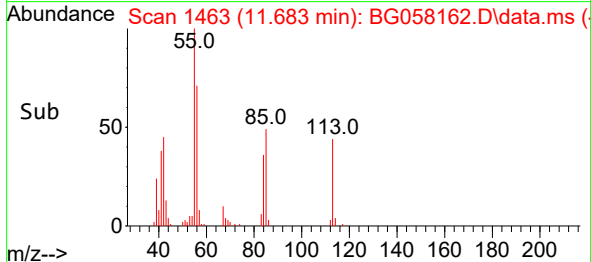
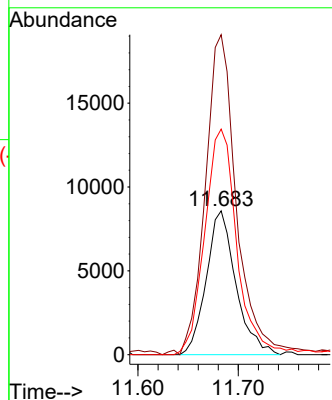
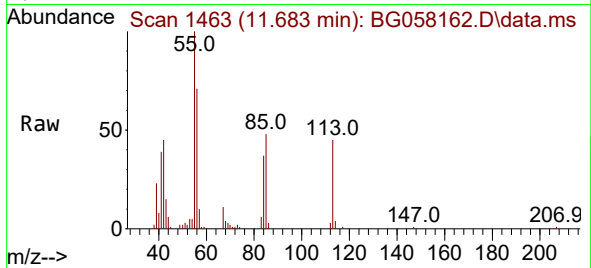




#34
Caprolactam
Concen: 13.067 ng/ul
RT: 11.683 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

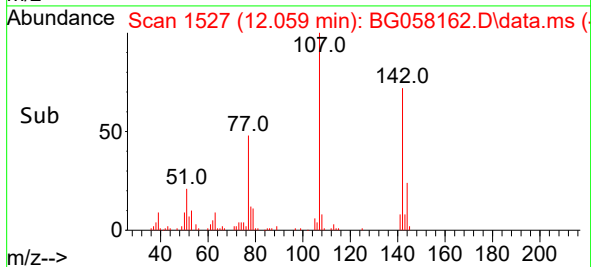
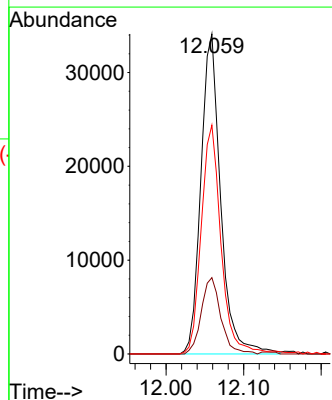
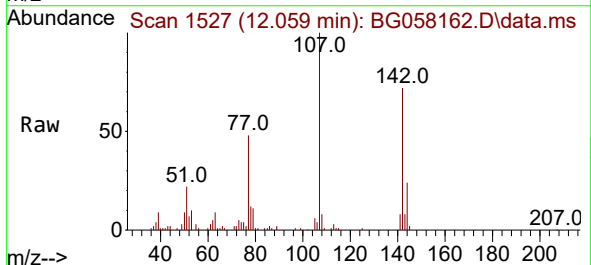
Instrument :
BNA_G
ClientSampleId :

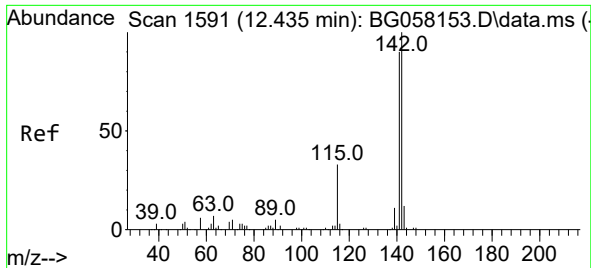
Tgt Ion:113 Resp: 17577
Ion Ratio Lower Upper
113 100
55 222.6 183.4 275.2
56 156.9 123.0 184.6



#35
4-Chloro-3-methylphenol
Concen: 14.728 ng/ul
RT: 12.059 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:107 Resp: 60532
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.4
142 71.5 58.4 87.6

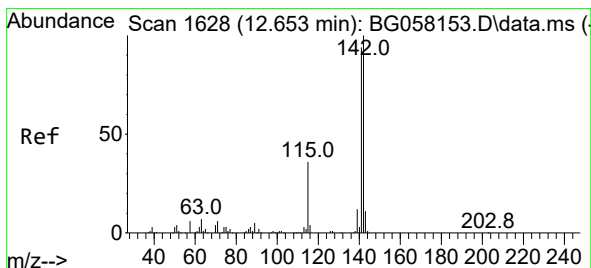
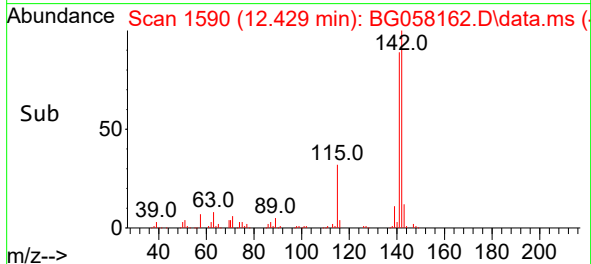
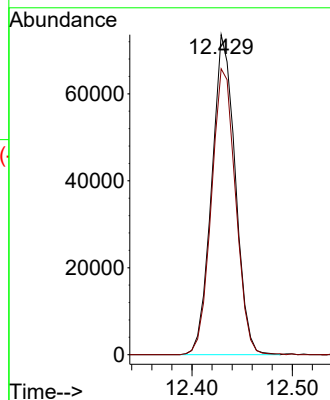
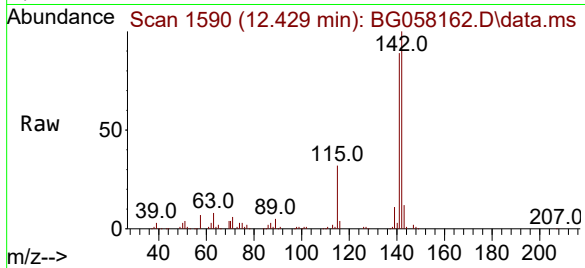




#36
2-Methylnaphthalene
Concen: 15.066 ng/ul
RT: 12.429 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

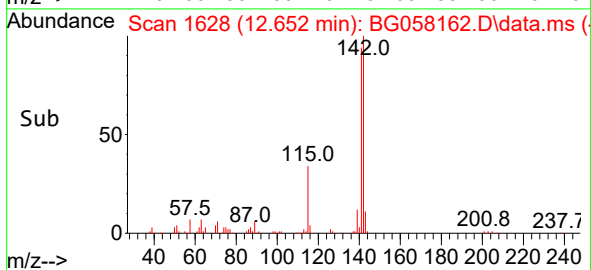
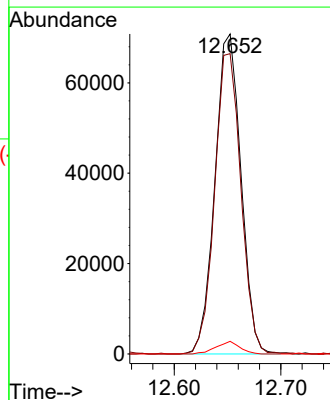
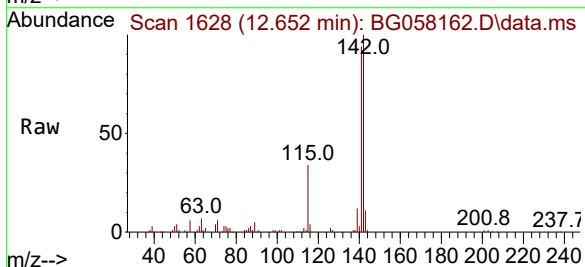
Instrument :
BNA_G
ClientSampleId :

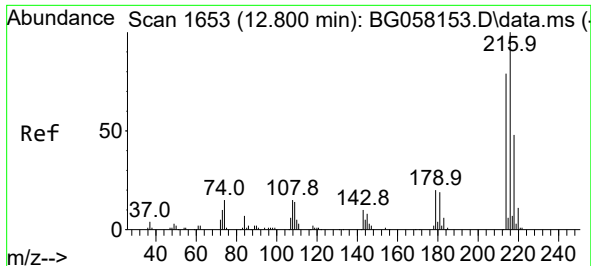
Tgt Ion:142 Resp: 119519
Ion Ratio Lower Upper
142 100
141 89.3 69.4 104.2



#37
1-Methylnaphthalene
Concen: 15.108 ng/ul
RT: 12.652 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:142 Resp: 120190
Ion Ratio Lower Upper
142 100
141 93.8 73.8 110.8
116 3.9 3.0 4.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 15.303 ng/ul

RT: 12.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:216 Resp: 69233

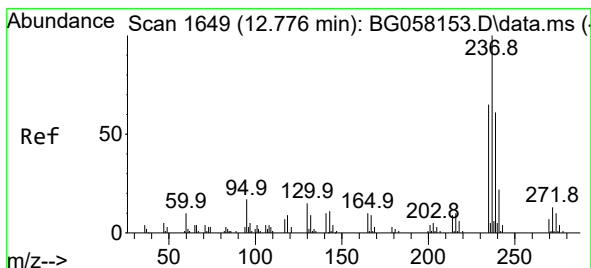
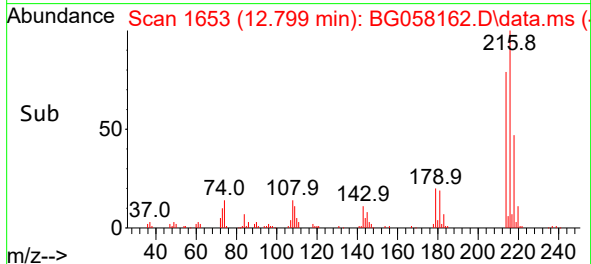
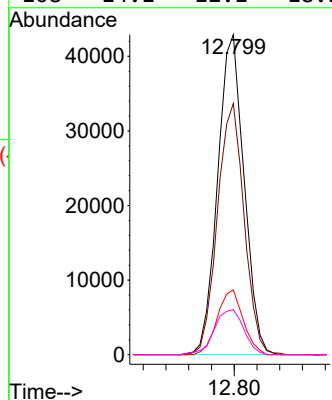
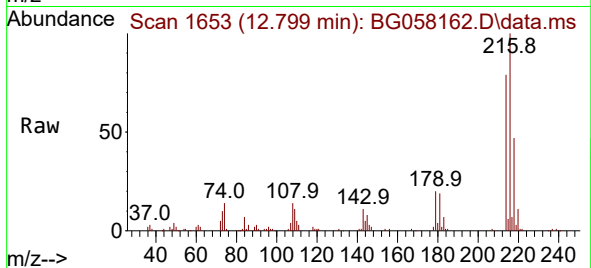
Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

179 20.2 16.0 24.0

108 14.1 12.1 18.1



#40

Hexachlorocyclopentadiene

Concen: 5.418 ng/ul

RT: 12.776 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

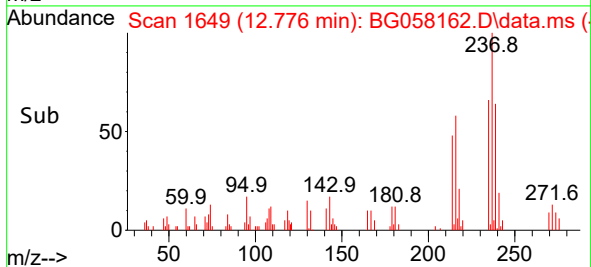
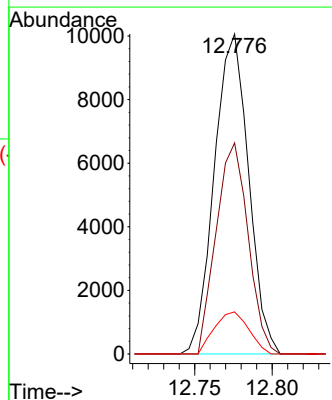
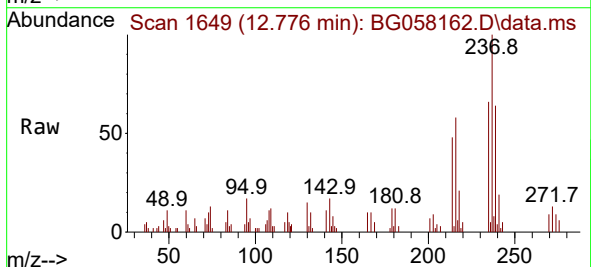
Tgt Ion:237 Resp: 15439

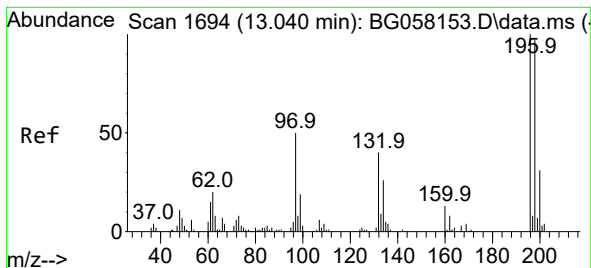
Ion Ratio Lower Upper

237 100

235 66.0 49.2 73.8

272 13.1 10.4 15.6





#41

2,4,6-Trichlorophenol

Concen: 15.275 ng/ul

RT: 13.040 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

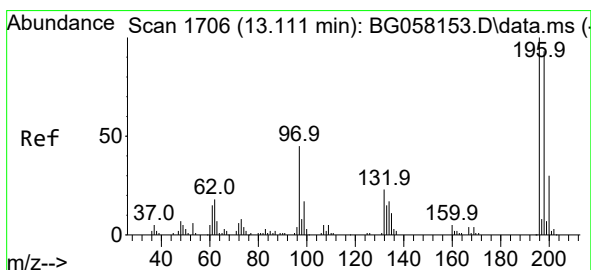
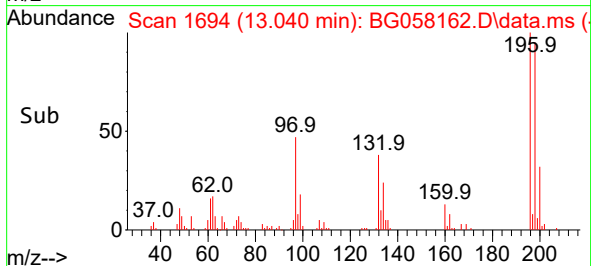
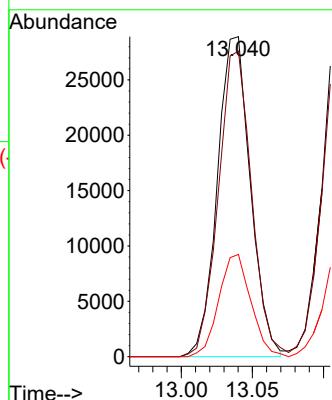
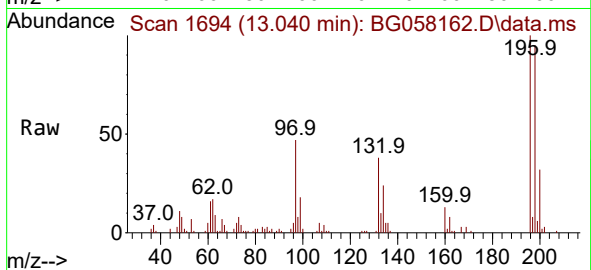
Tgt Ion:196 Resp: 46838

Ion Ratio Lower Upper

196 100

198 95.5 73.5 110.3

200 32.0 24.8 37.2



#42

2,4,5-Trichlorophenol

Concen: 14.908 ng/ul

RT: 13.111 min Scan# 1706

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

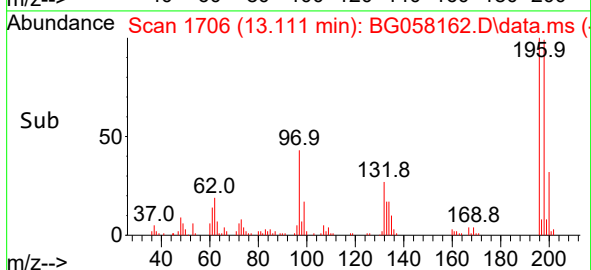
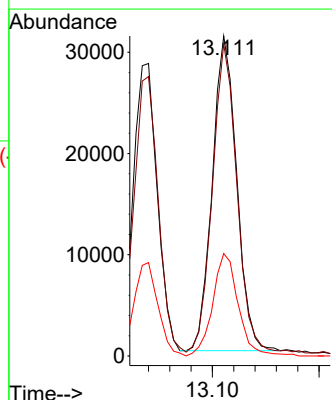
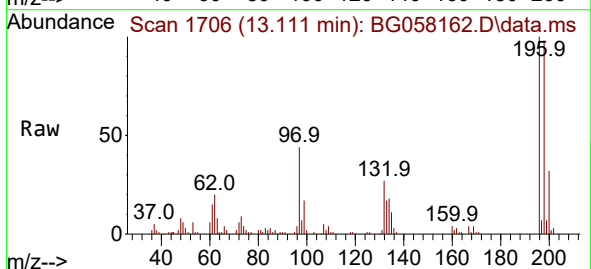
Tgt Ion:196 Resp: 49437

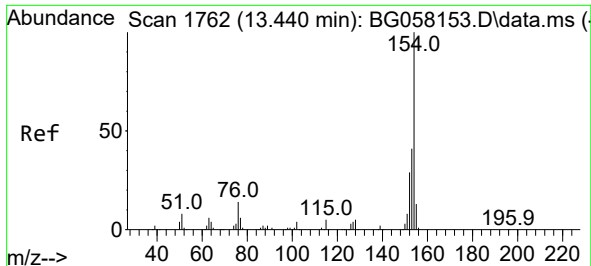
Ion Ratio Lower Upper

196 100

198 97.5 77.2 115.8

200 32.0 23.8 35.6

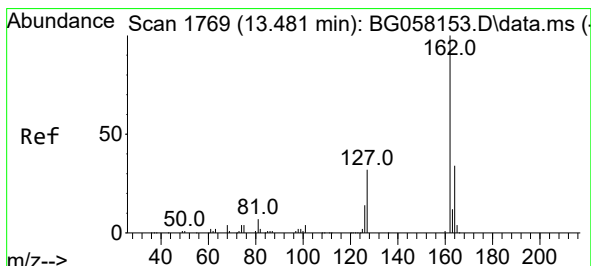
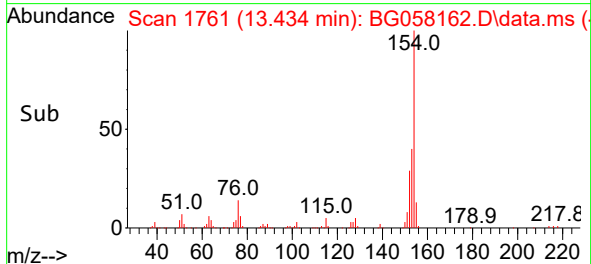
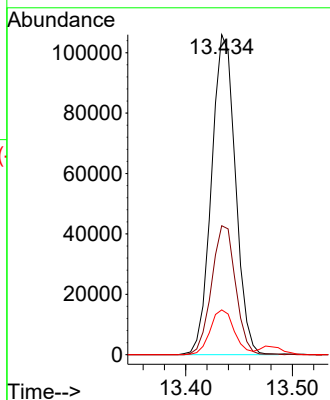
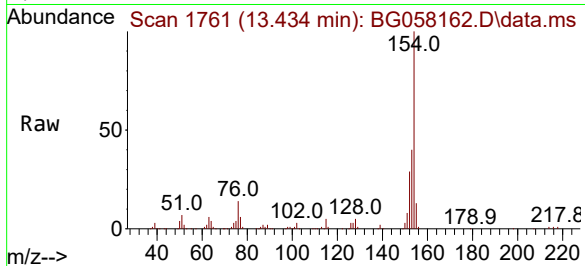




#43
1,1'-Biphenyl
Concen: 15.393 ng/ul
RT: 13.434 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

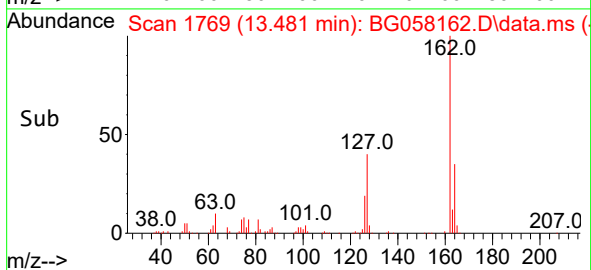
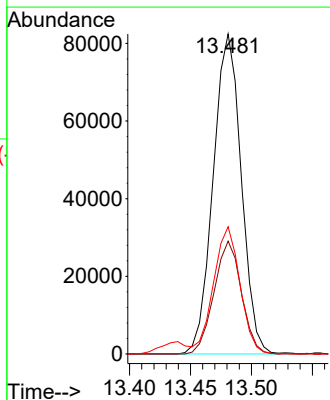
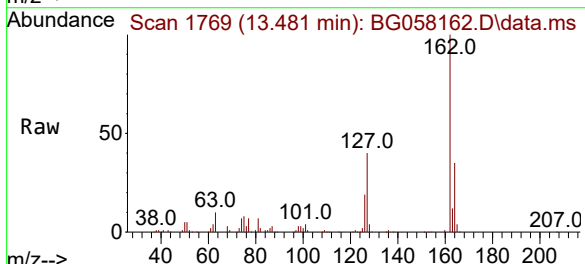
Instrument :
BNA_G
ClientSampleId :

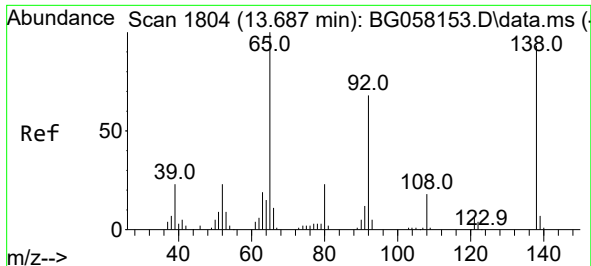
Tgt Ion:154 Resp: 164681
Ion Ratio Lower Upper
154 100
153 40.3 32.6 49.0
76 14.0 11.6 17.4



#44
2-Chloronaphthalene
Concen: 15.382 ng/ul
RT: 13.481 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:162 Resp: 132082
Ion Ratio Lower Upper
162 100
164 35.3 27.7 41.5
127 39.7 30.9 46.3

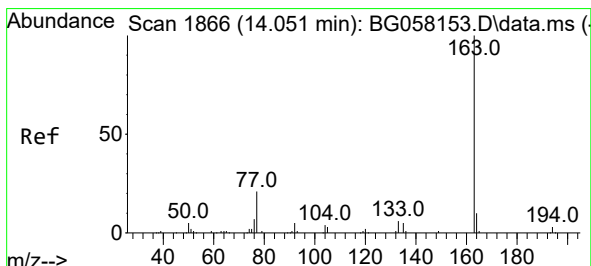
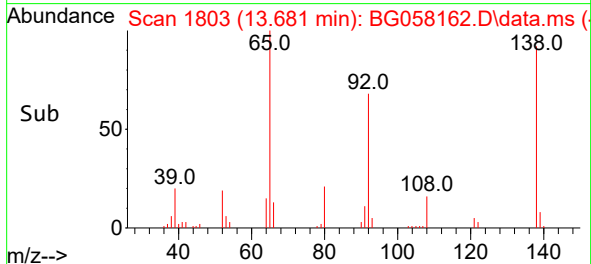
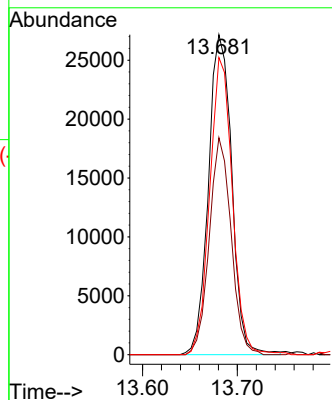
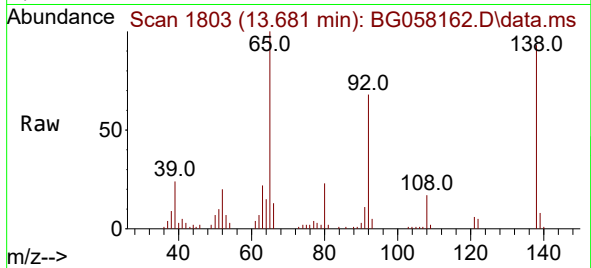




#45
2-Nitroaniline
Concen: 15.520 ng/ul
RT: 13.681 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

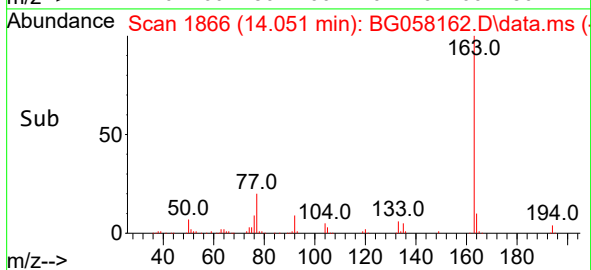
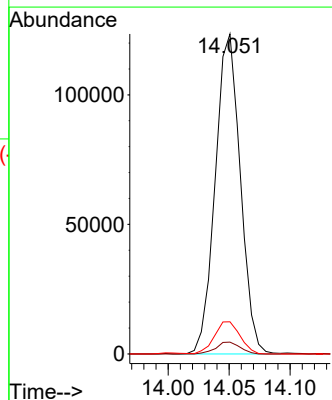
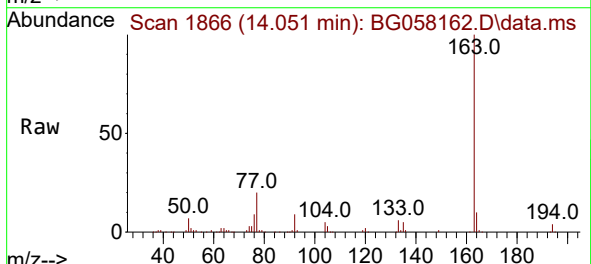
Instrument :
BNA_G
ClientSampleId :

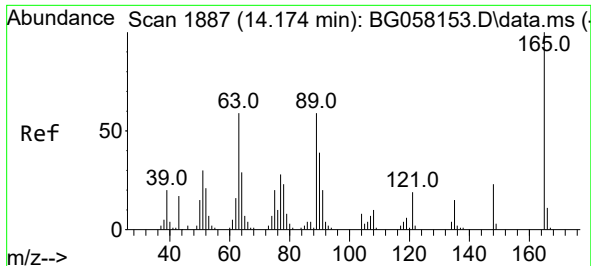
Tgt Ion: 65 Resp: 46332
Ion Ratio Lower Upper
65 100
92 67.8 53.2 79.8
138 92.9 71.1 106.7



#47
Dimethylphthalate
Concen: 15.020 ng/ul
RT: 14.051 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

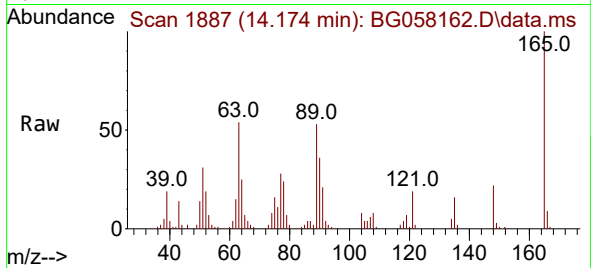
Tgt Ion:163 Resp: 176767
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.6 12.8



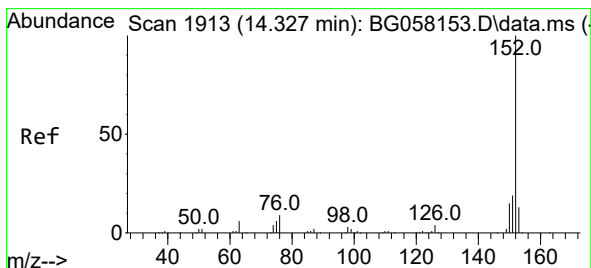
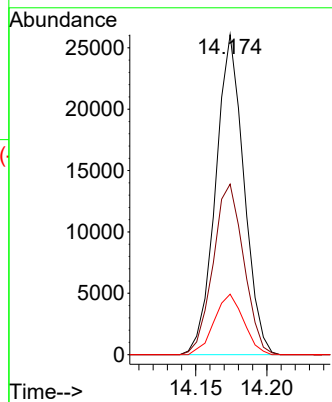
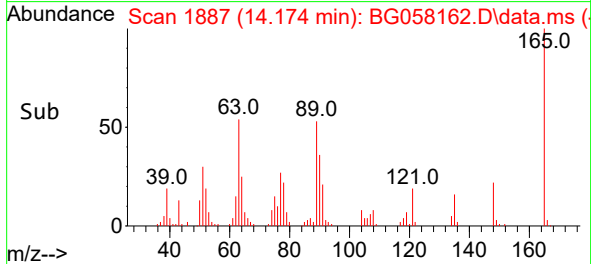


#48
2,6-Dinitrotoluene
Concen: 14.930 ng/ul
RT: 14.174 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Instrument :
BNA_G
ClientSampleId :

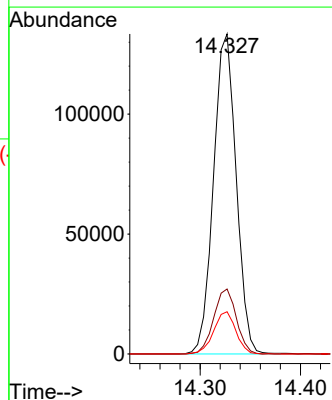
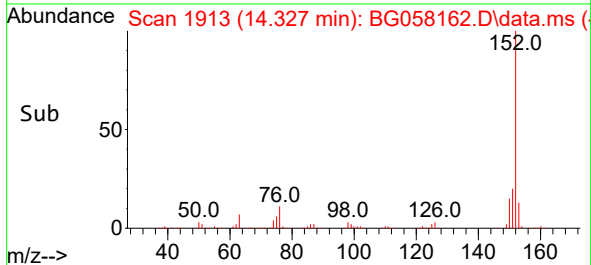
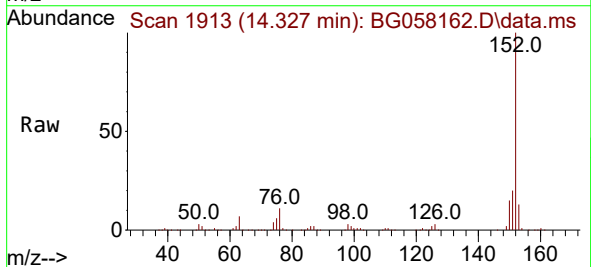


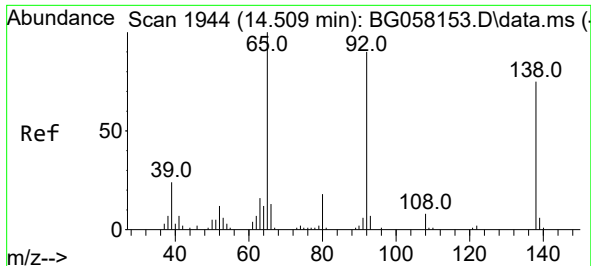
Tgt Ion:165 Resp: 36066
Ion Ratio Lower Upper
165 100
89 53.3 42.7 64.1
121 18.9 14.8 22.2



#50
Acenaphthylene
Concen: 15.152 ng/ul
RT: 14.327 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

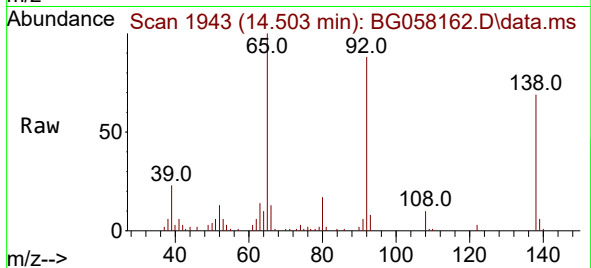
Tgt Ion:152 Resp: 209155
Ion Ratio Lower Upper
152 100
151 20.3 15.6 23.4
153 13.2 10.5 15.7



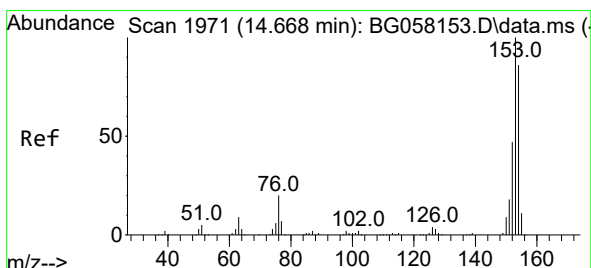
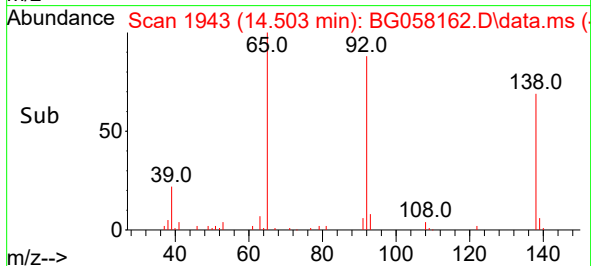
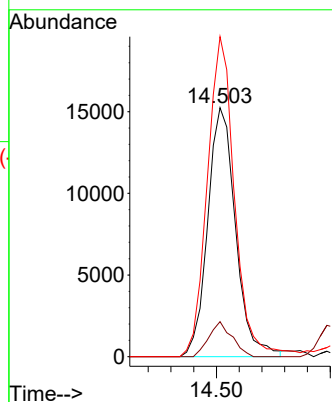


#51
3-Nitroaniline
Concen: 12.718 ng/ul
RT: 14.503 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Instrument :
BNA_G
ClientSampleId :

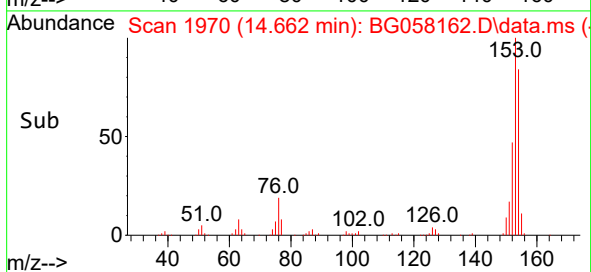
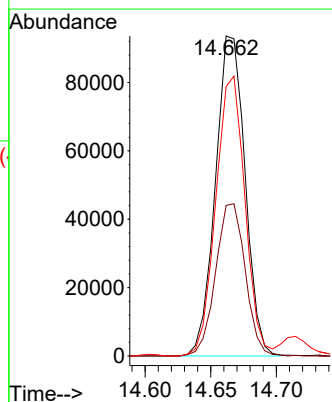
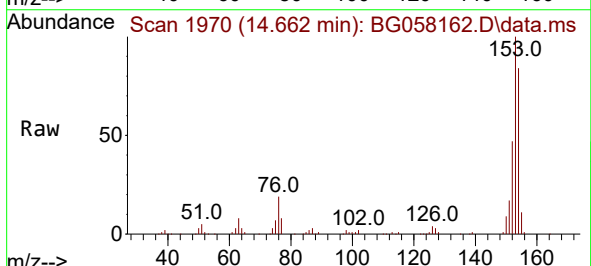


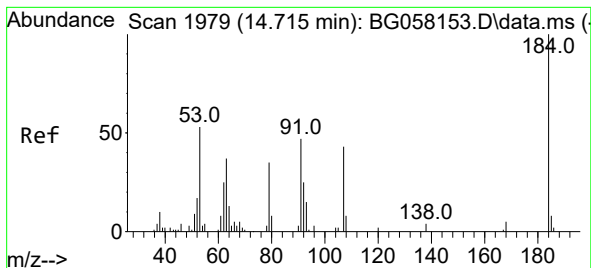
Tgt Ion:138 Resp: 25963
Ion Ratio Lower Upper
138 100
108 14.1 8.2 12.2#
92 128.5 100.2 150.4



#52
Acenaphthene
Concen: 15.512 ng/ul
RT: 14.662 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

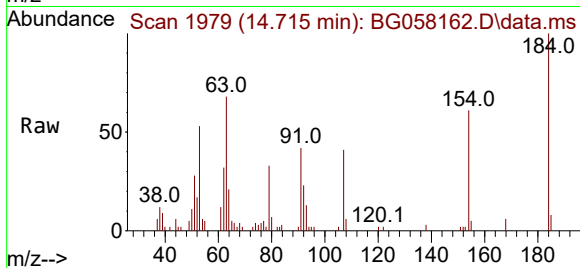
Tgt Ion:153 Resp: 146931
Ion Ratio Lower Upper
153 100
152 47.0 36.5 54.7
154 84.1 70.5 105.7



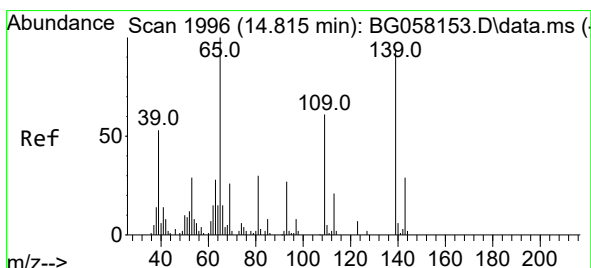
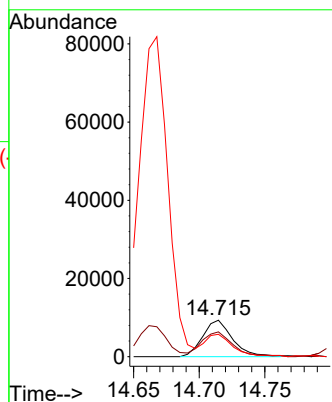
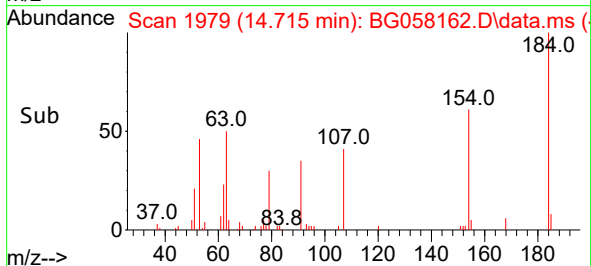


#53
2,4-Dinitrophenol
Concen: 11.741 ng/ul
RT: 14.715 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Instrument :
BNA_G
ClientSampleId :

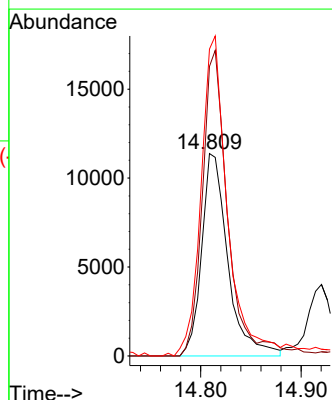
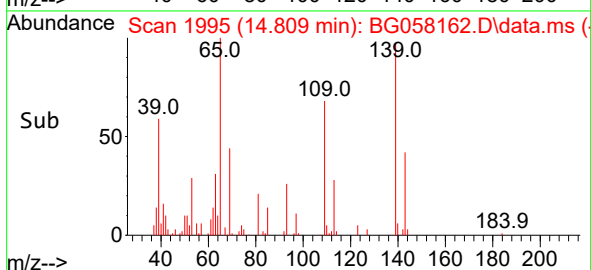
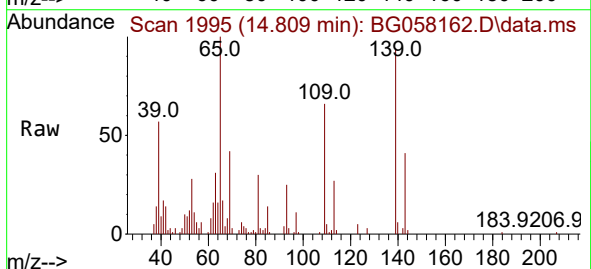


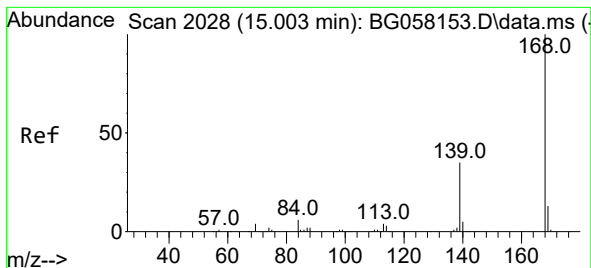
Tgt Ion:184 Resp: 14786
Ion Ratio Lower Upper
184 100
63 67.9 51.1 76.7
154 61.3 43.3 64.9



#55
4-Nitrophenol
Concen: 13.482 ng/ul
RT: 14.809 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

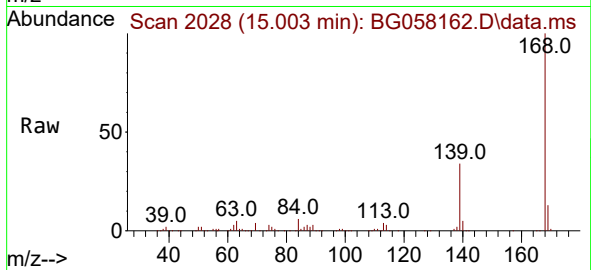
Tgt Ion:109 Resp: 20670
Ion Ratio Lower Upper
109 100
139 143.0 119.0 178.4
65 151.6 135.5 203.3



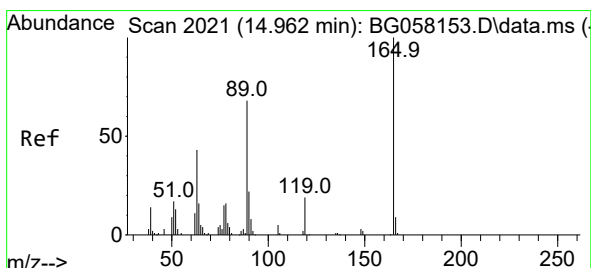
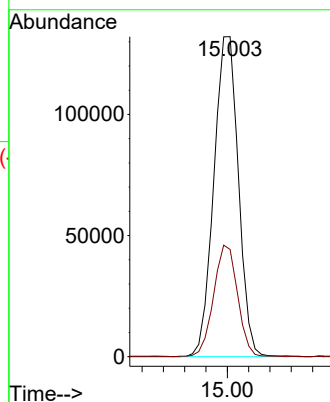
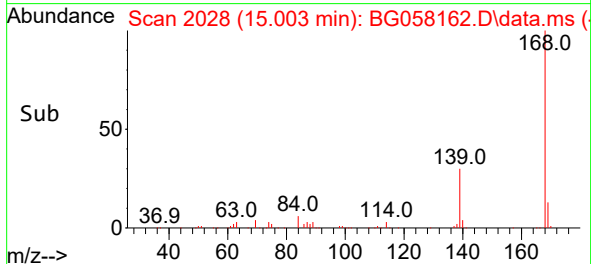


#56
Dibenzofuran
Concen: 15.699 ng/ul
RT: 15.003 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Instrument :
BNA_G
ClientSampleId :

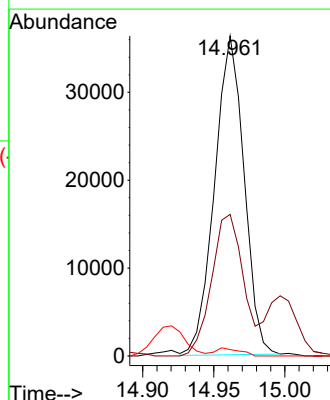
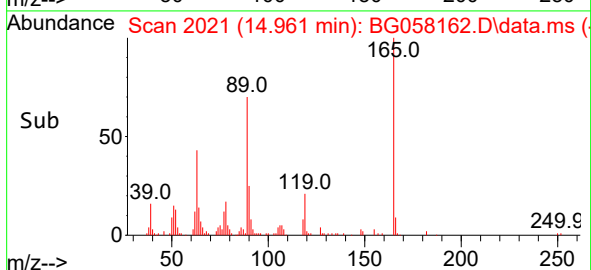
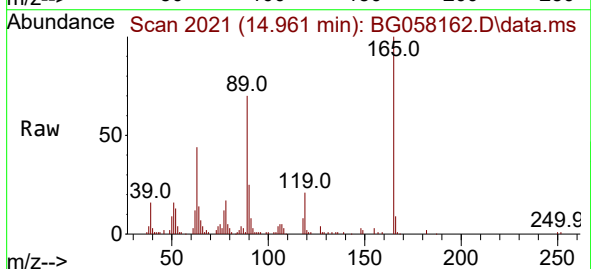


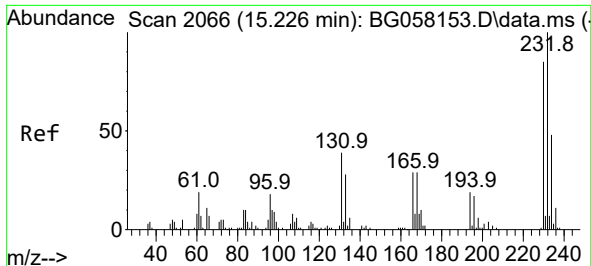
Tgt Ion:168 Resp: 211375
Ion Ratio Lower Upper
168 100
139 33.5 27.6 41.4



#57
2,4-Dinitrotoluene
Concen: 15.266 ng/ul
RT: 14.961 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

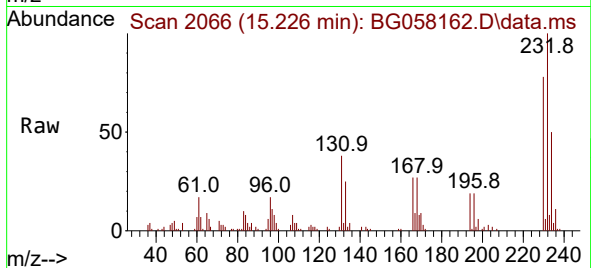
Tgt Ion:165 Resp: 52249
Ion Ratio Lower Upper
165 100
63 44.2 35.8 53.8
182 2.0 1.6 2.4



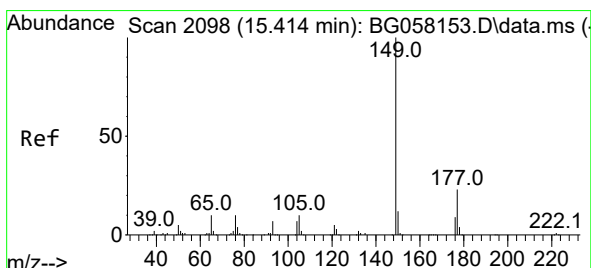
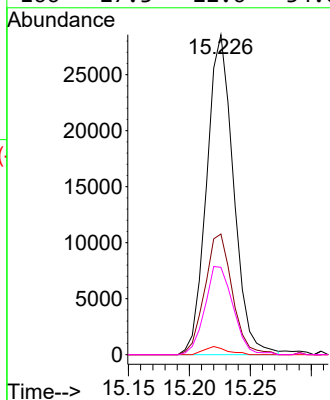
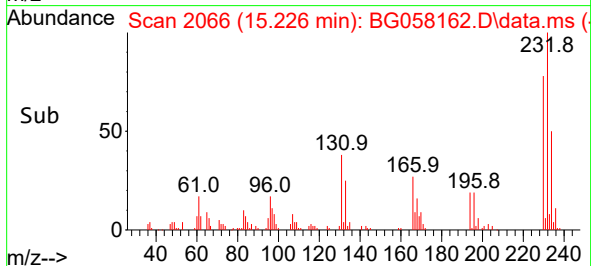


#58
2,3,4,6-Tetrachlorophenol
Concen: 14.514 ng/ul
RT: 15.226 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

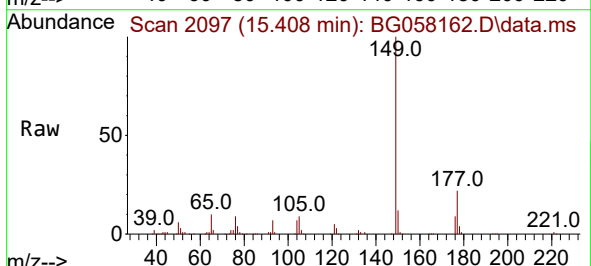
Instrument :
BNA_G
ClientSampleId :



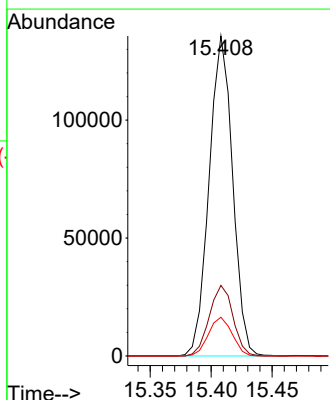
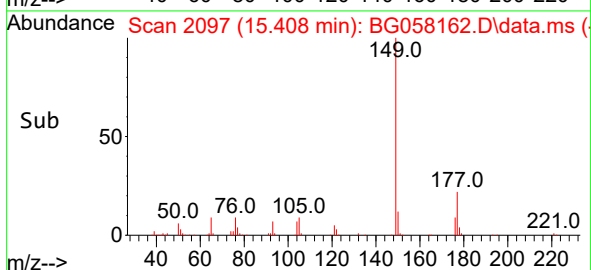
Tgt Ion:232 Resp: 43815
Ion Ratio Lower Upper
232 100
131 37.7 30.5 45.7
130 2.0 1.4 2.0
166 27.3 22.6 34.0

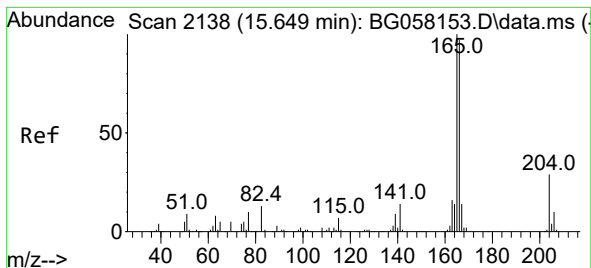


#59
Diethylphthalate
Concen: 14.823 ng/ul
RT: 15.408 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59



Tgt Ion:149 Resp: 182074
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.1 10.1 15.1





#61

Fluorene

Concen: 15.700 ng/ul

RT: 15.649 min Scan# 2138

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

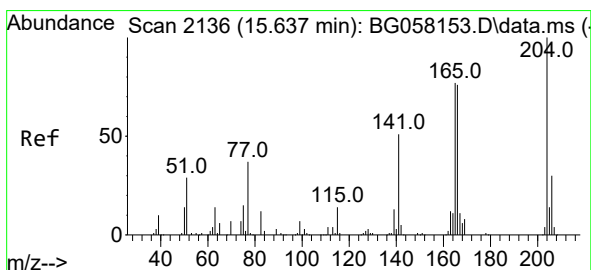
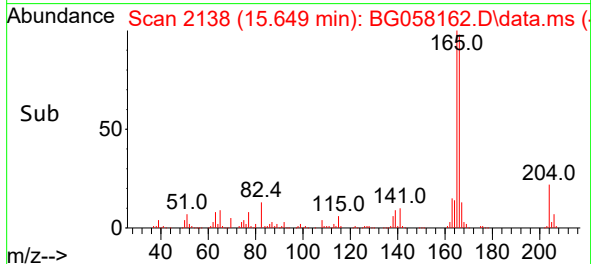
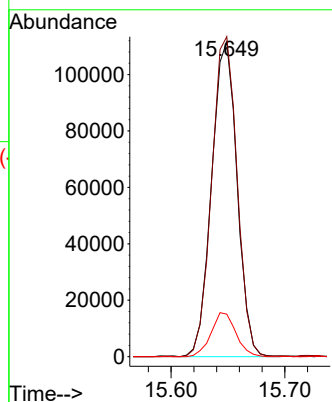
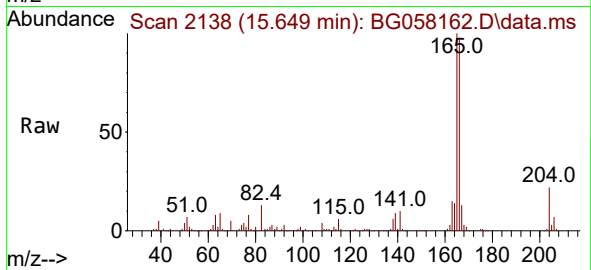
Tgt Ion:166 Resp: 173443

Ion Ratio Lower Upper

166 100

165 101.7 79.1 118.7

167 13.5 10.7 16.1



#62

4-Chlorophenyl-phenylether

Concen: 15.441 ng/ul

RT: 15.637 min Scan# 2136

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

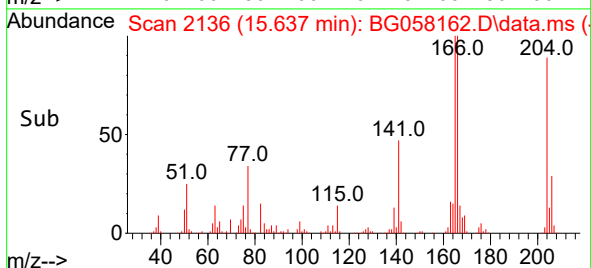
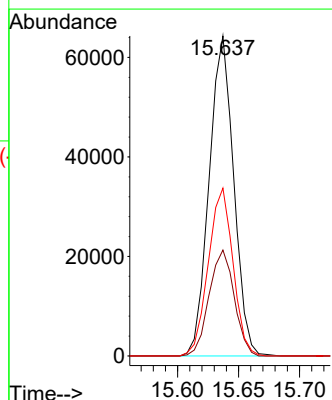
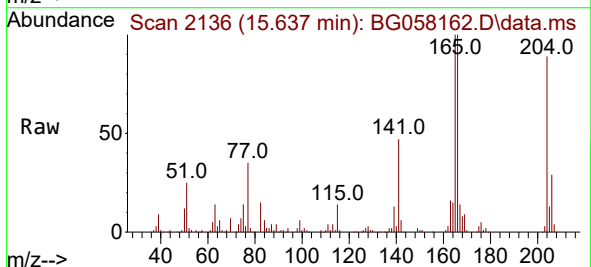
Tgt Ion:204 Resp: 90260

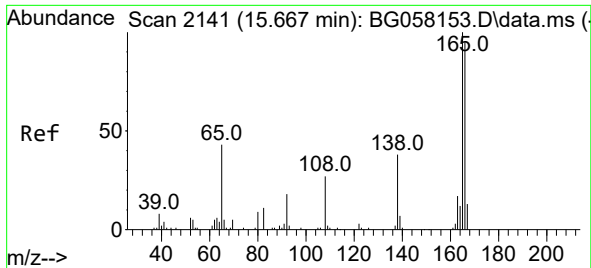
Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

141 52.5 41.8 62.6

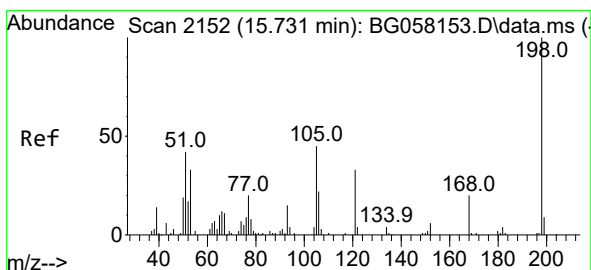
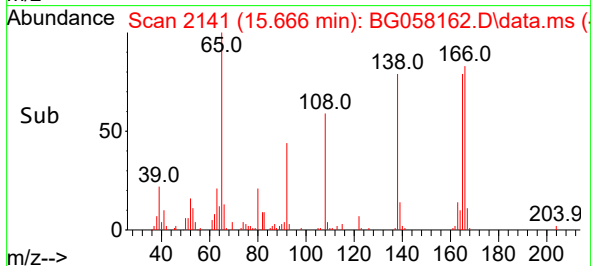
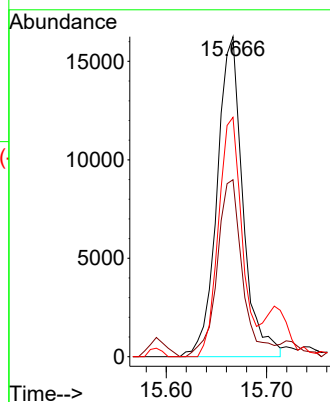
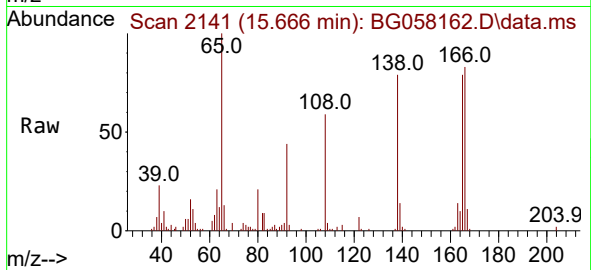




#63
4-Nitroaniline
Concen: 15.876 ng/ul
RT: 15.666 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

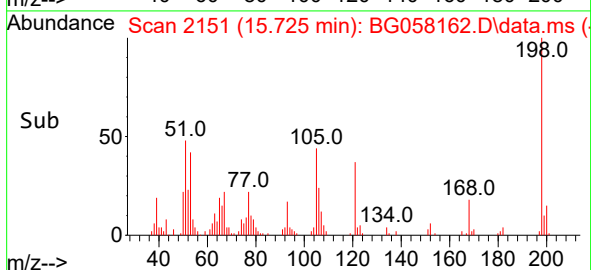
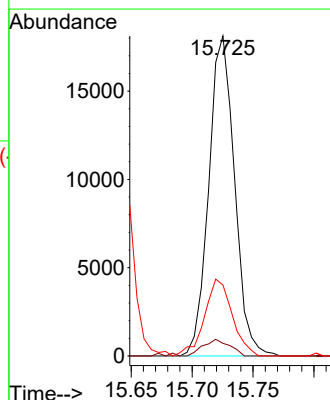
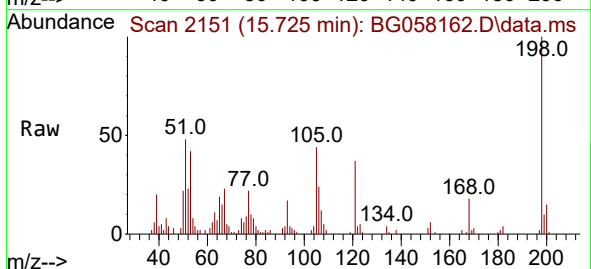
Instrument :
BNA_G
ClientSampleId :

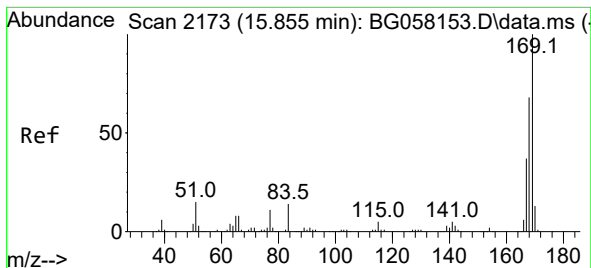
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	43.8	65.8
108	74.8	58.8	88.2



#66
4,6-Dinitro-2-methylphenol
Concen: 14.004 ng/ul
RT: 15.725 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion	Ratio	Lower	Upper
198	100		
182	3.9	3.1	4.7
77	22.2	17.9	26.9





#67

N-Nitrosodiphenylamine

Concen: 15.552 ng/ul

RT: 15.849 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

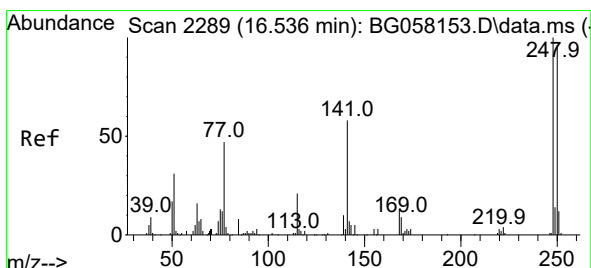
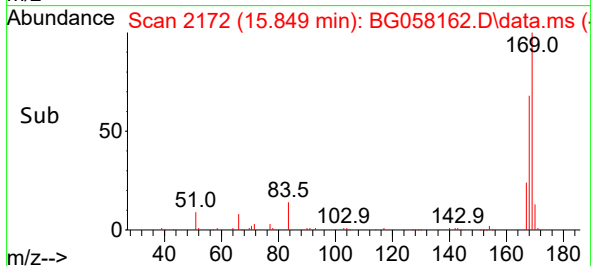
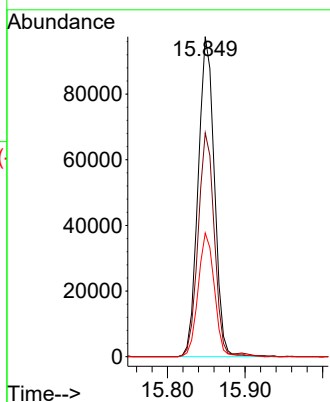
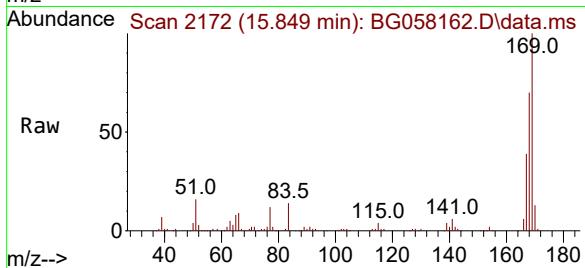
Tgt Ion:169 Resp: 142028

Ion Ratio Lower Upper

169 100

168 70.0 54.2 81.2

167 38.7 30.8 46.2



#68

4-Bromophenyl-phenylether

Concen: 16.147 ng/ul

RT: 16.530 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

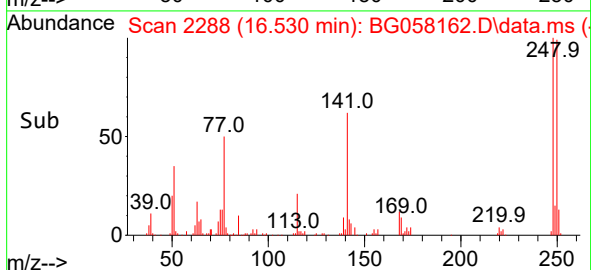
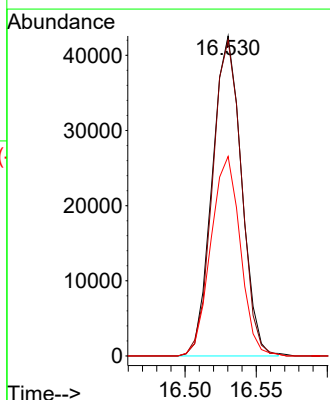
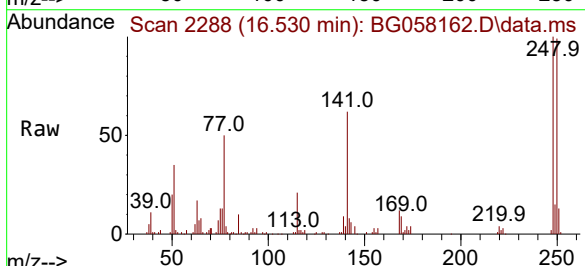
Tgt Ion:248 Resp: 60820

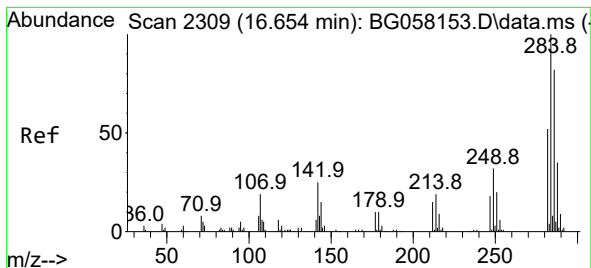
Ion Ratio Lower Upper

248 100

250 98.7 78.3 117.5

141 62.3 49.1 73.7





#69

Hexachlorobenzene

Concen: 16.153 ng/ul

RT: 16.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

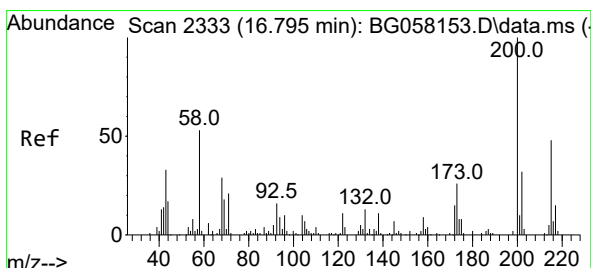
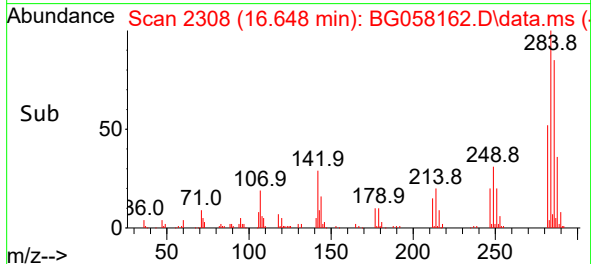
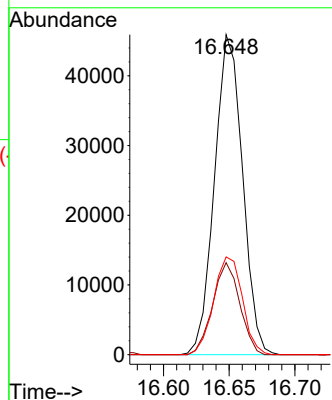
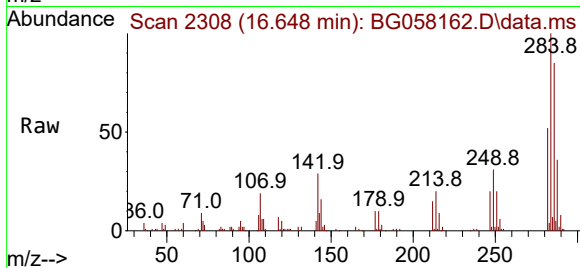
Tgt Ion:284 Resp: 68122

Ion Ratio Lower Upper

284 100

142 28.8 21.9 32.9

249 30.6 25.0 37.6



#70

Atrazine

Concen: 10.524 ng/ul

RT: 16.795 min Scan# 2333

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

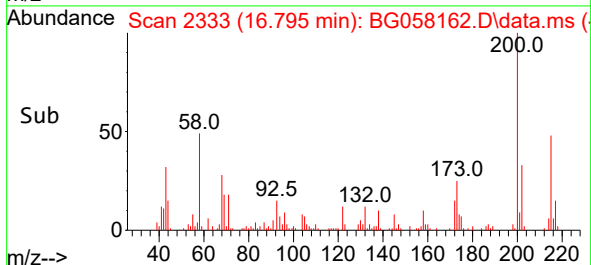
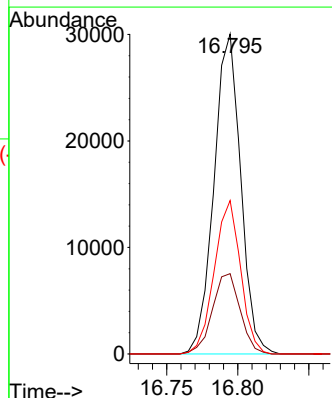
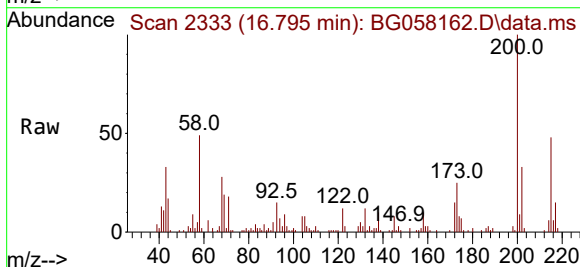
Tgt Ion:200 Resp: 39301

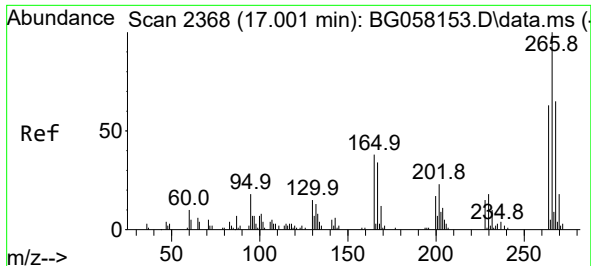
Ion Ratio Lower Upper

200 100

173 25.1 20.0 30.0

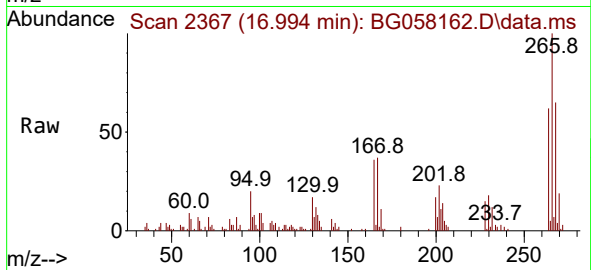
215 47.9 35.8 53.8



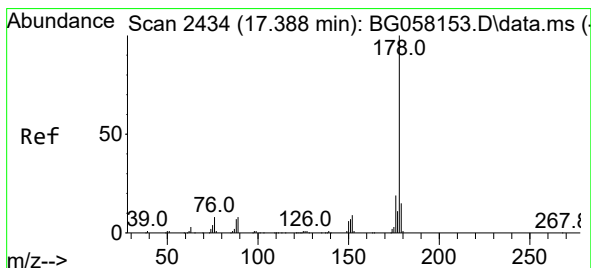
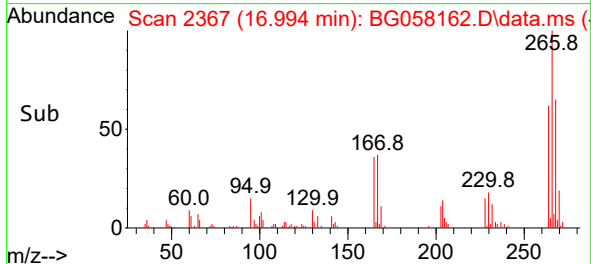
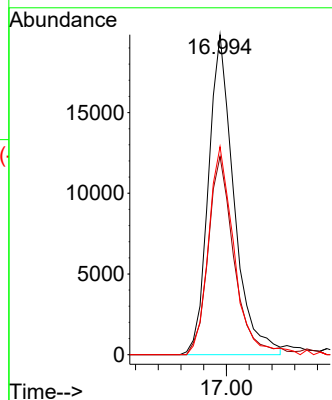


#71
 Pentachlorophenol
 Concen: 12.192 ng/ul
 RT: 16.994 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59

Instrument :
 BNA_G
 ClientSampleId :

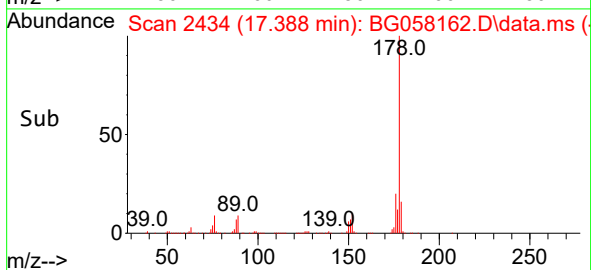
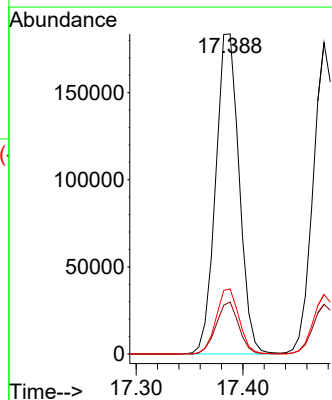
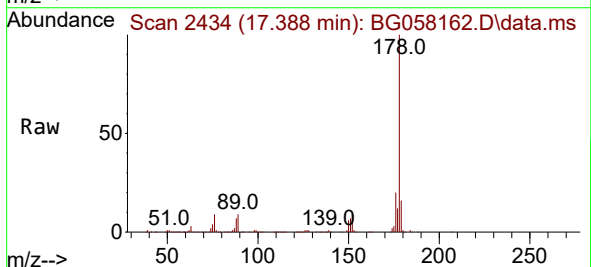


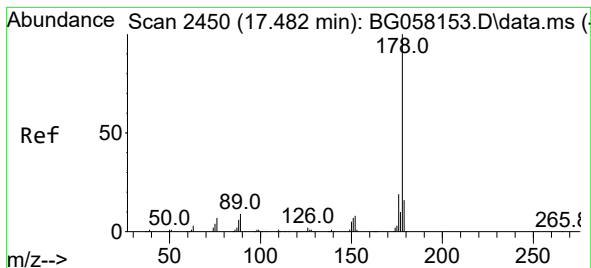
Tgt Ion:266 Resp: 30869
 Ion Ratio Lower Upper
 266 100
 264 61.9 51.5 77.3
 268 65.0 49.0 73.4



#72
 Phenanthrene
 Concen: 16.113 ng/ul
 RT: 17.388 min Scan# 2434
 Delta R.T. 0.006 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59

Tgt Ion:178 Resp: 281249
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.8 19.2
 176 20.4 15.7 23.5





#74

Anthracene

Concen: 14.976 ng/uI

RT: 17.476 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG058162.D

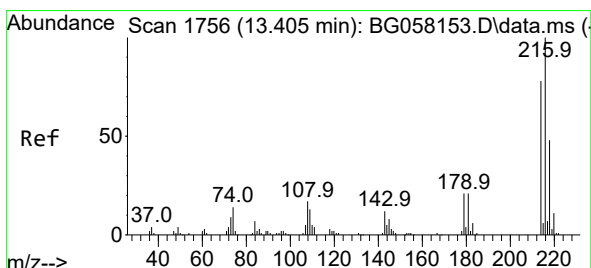
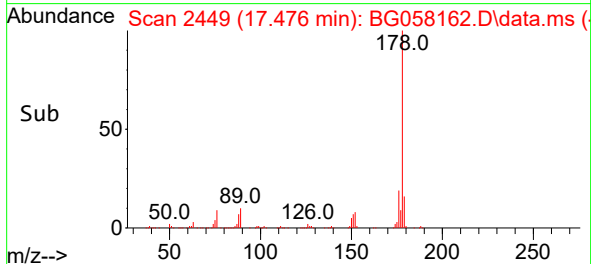
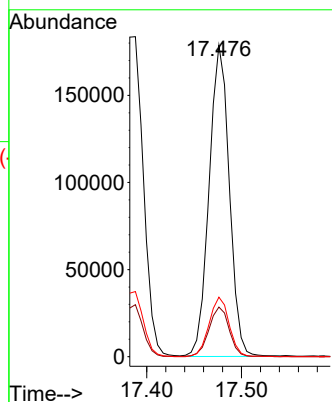
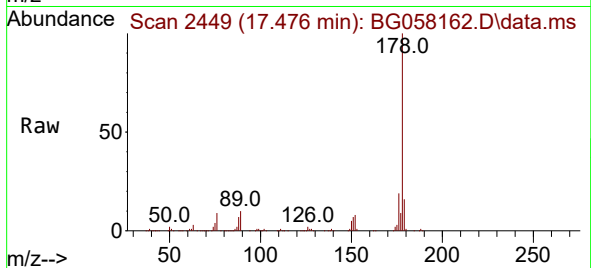
Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:178	Resp:	264527
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 18.8
176	19.1	15.4 23.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.466 ng/uI

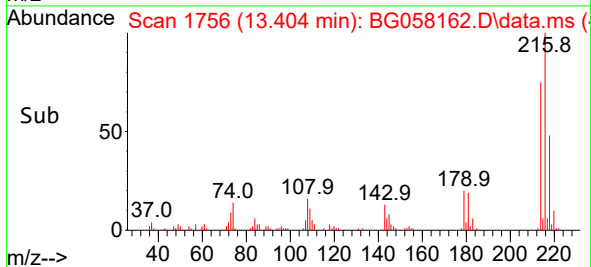
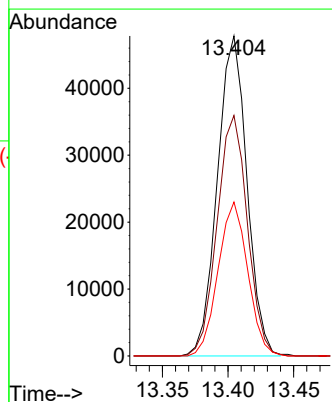
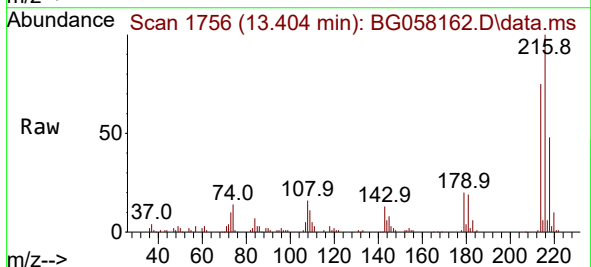
RT: 13.404 min Scan# 1756

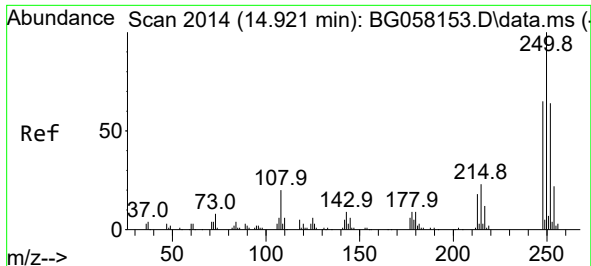
Delta R.T. 0.006 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

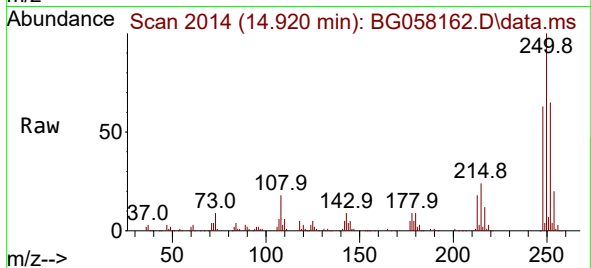
Tgt Ion:216	Resp:	74934
Ion Ratio	Lower	Upper
216	100	
214	75.2	64.8 97.2
218	48.1	39.1 58.7



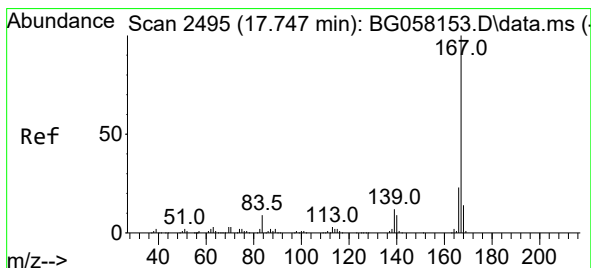
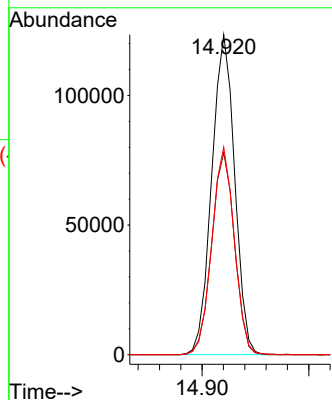
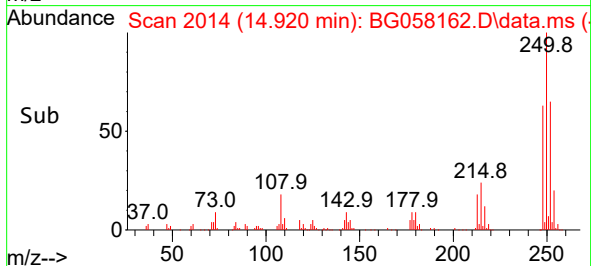


#76
 Pentachlorobenzene
 Concen: 37.904 ng/uL
 RT: 14.920 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59

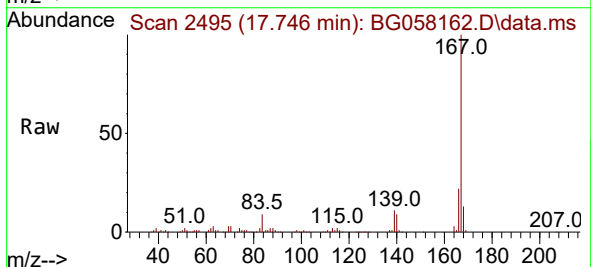
Instrument :
 BNA_G
 ClientSampleId :



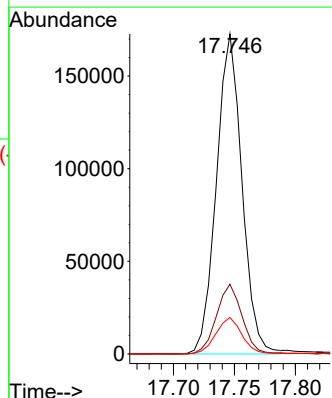
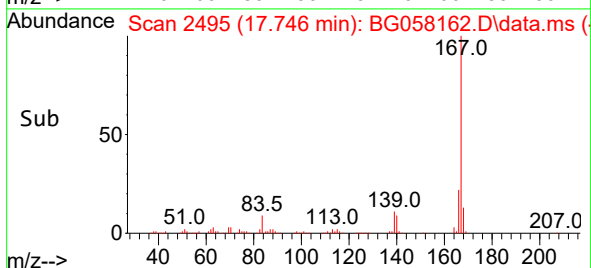
Tgt Ion:250 Resp: 184229
 Ion Ratio Lower Upper
 250 100
 248 63.1 52.8 79.2
 252 64.9 52.4 78.6

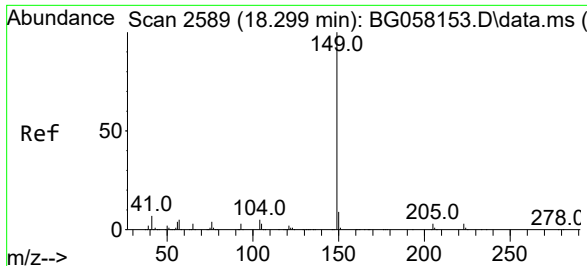


#77
 Carbazole
 Concen: 15.760 ng/uL
 RT: 17.746 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59



Tgt Ion:167 Resp: 251758
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 11.4 9.5 14.3

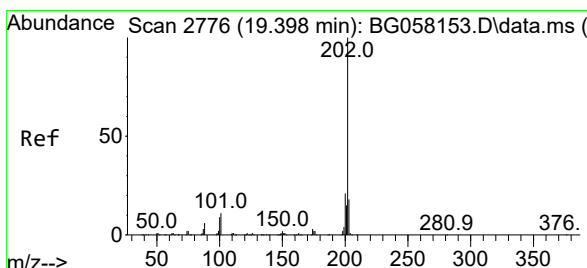
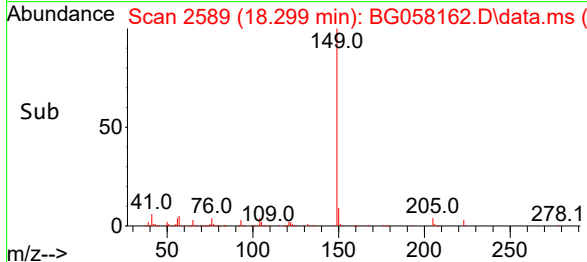
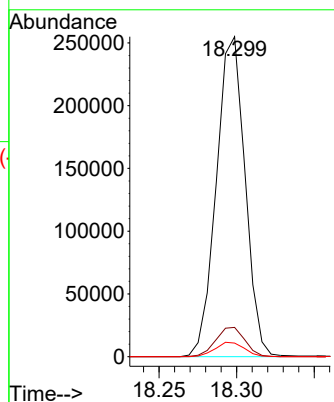
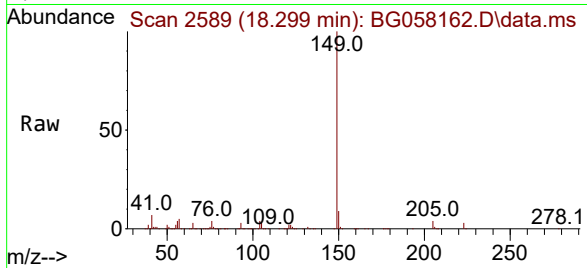




#78
Di-n-butylphthalate
Concen: 16.154 ng/ul
RT: 18.299 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

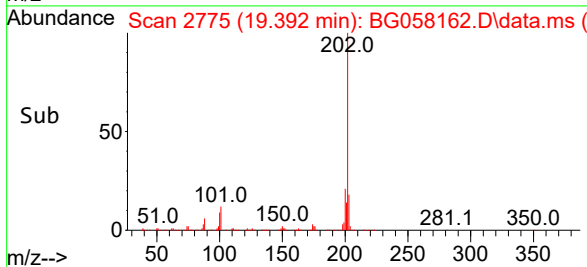
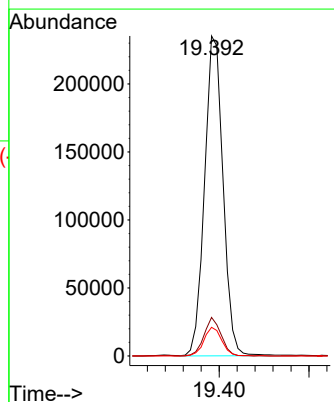
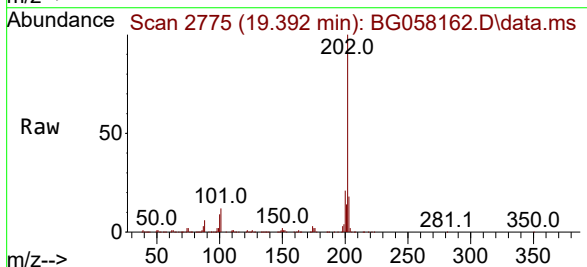
Instrument :
BNA_G
ClientSampleId :

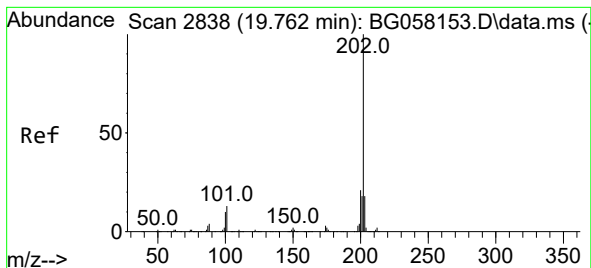
Tgt Ion:149 Resp: 328726
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.2 3.9 5.9



#80
Fluoranthene
Concen: 15.904 ng/ul
RT: 19.392 min Scan# 2775
Delta R.T. -0.000 min
Lab File: BG058162.D
Acq: 11 Jul 2023 16:59

Tgt Ion:202 Resp: 335961
Ion Ratio Lower Upper
202 100
101 12.1 9.1 13.7
100 8.9 7.1 10.7





#82

Pyrene

Concen: 16.103 ng/ul

RT: 19.756 min Scan# 2837

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

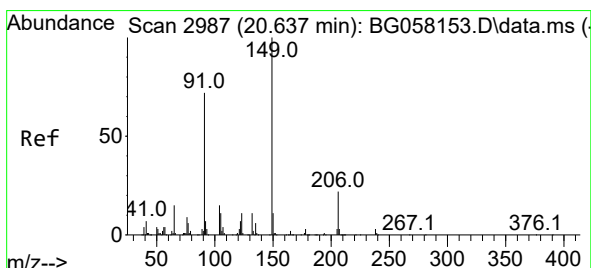
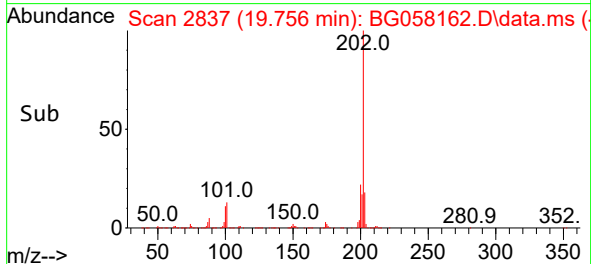
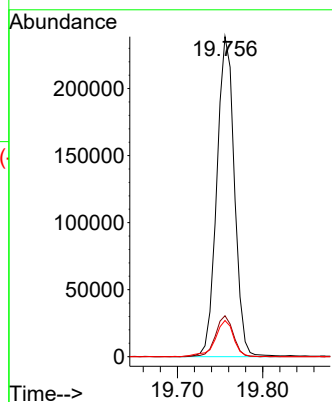
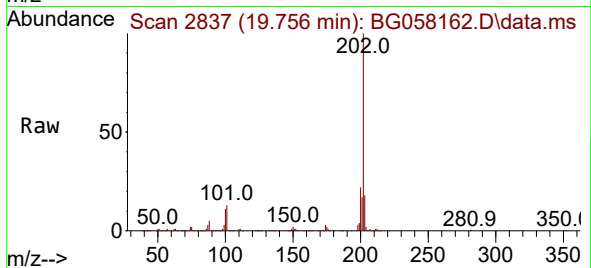
Tgt Ion:202 Resp: 342401

Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.2

100 11.3 8.9 13.3



#83

Butylbenzylphthalate

Concen: 16.551 ng/ul

RT: 20.637 min Scan# 2987

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

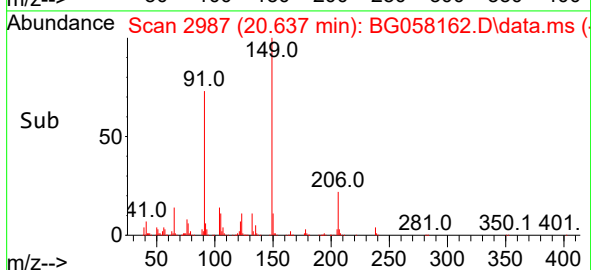
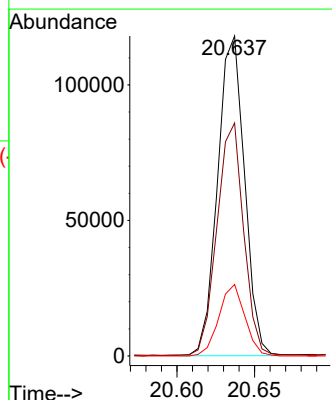
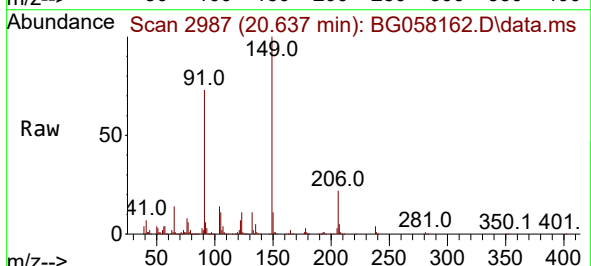
Tgt Ion:149 Resp: 142712

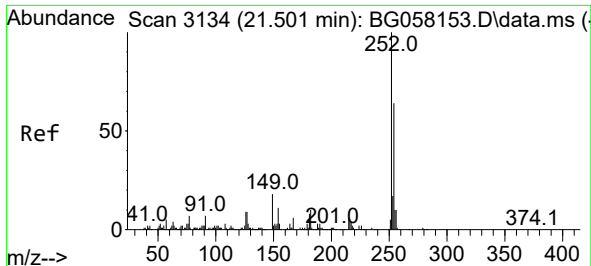
Ion Ratio Lower Upper

149 100

91 72.8 56.5 84.7

206 22.3 17.4 26.0

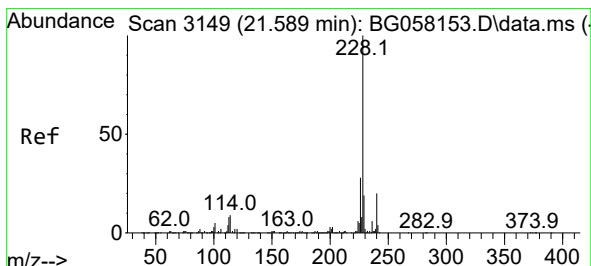
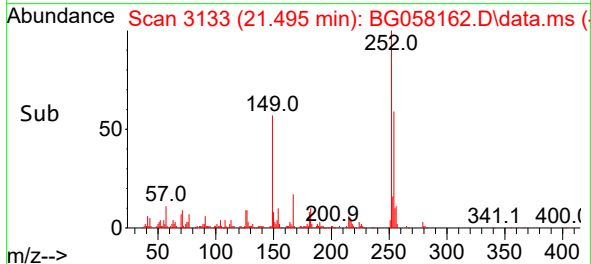
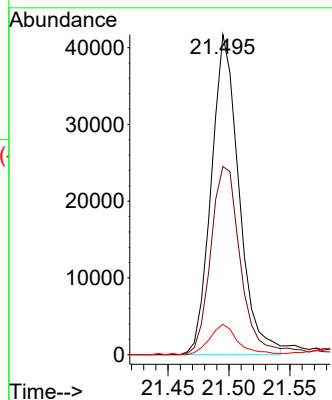
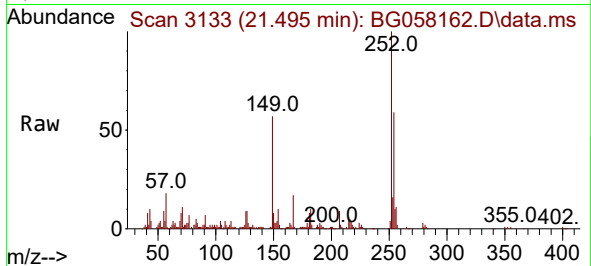




#84
 3,3'-Dichlorobenzidine
 Concen: 9.422 ng/ul
 RT: 21.495 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59

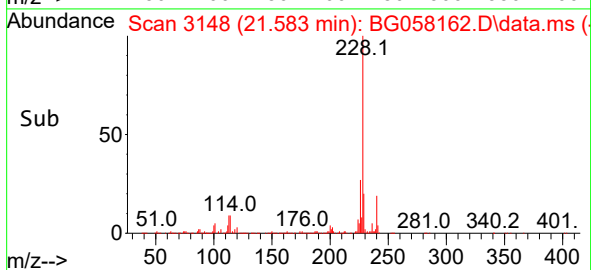
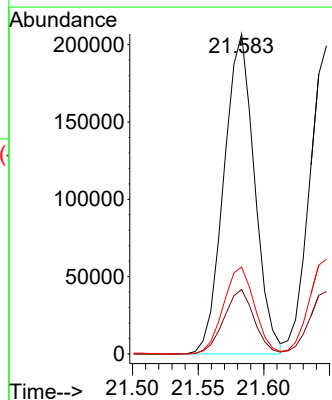
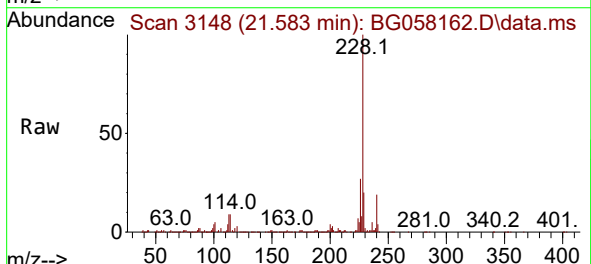
Instrument :
 BNA_G
 ClientSampleId :

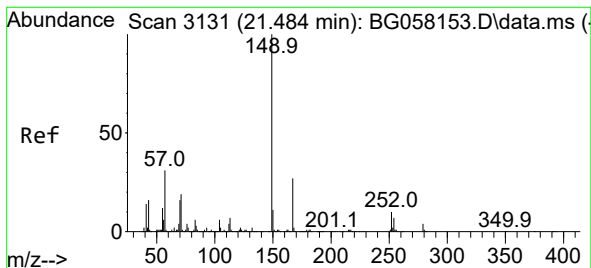
Tgt Ion:252 Resp: 66022
 Ion Ratio Lower Upper
 252 100
 254 58.8 50.7 76.1
 126 9.4 6.6 10.0



#85
 Benzo(a)anthracene
 Concen: 16.159 ng/ul
 RT: 21.583 min Scan# 3148
 Delta R.T. 0.006 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59

Tgt Ion:228 Resp: 335834
 Ion Ratio Lower Upper
 228 100
 229 20.2 16.0 24.0
 226 27.2 22.0 33.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 18.452 ng/ul

RT: 21.477 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

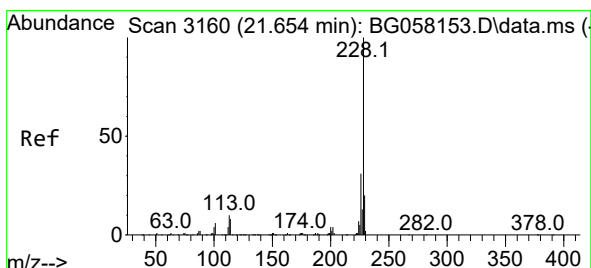
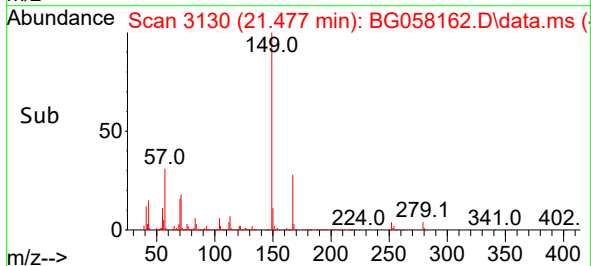
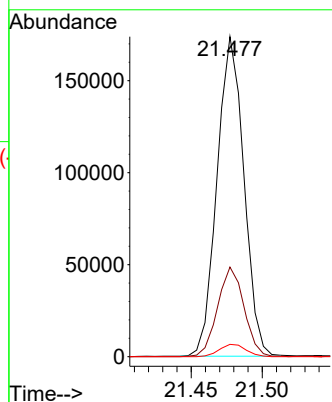
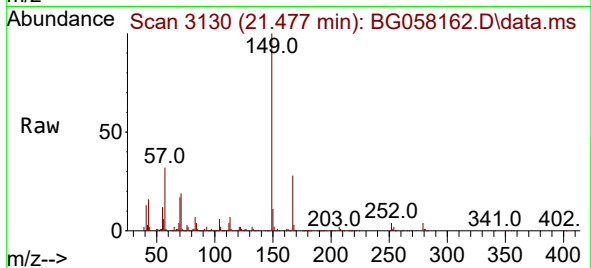
Tgt Ion:149 Resp: 227989

Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

279 3.8 3.1 4.7



#87

Chrysene

Concen: 16.352 ng/ul

RT: 21.648 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

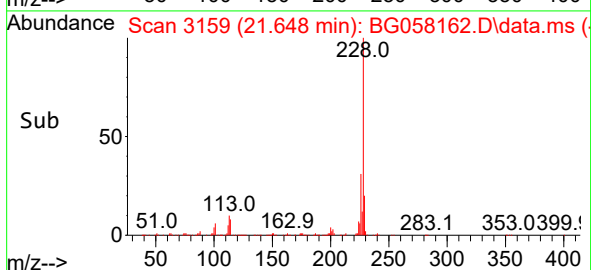
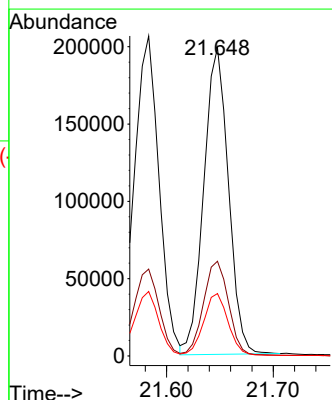
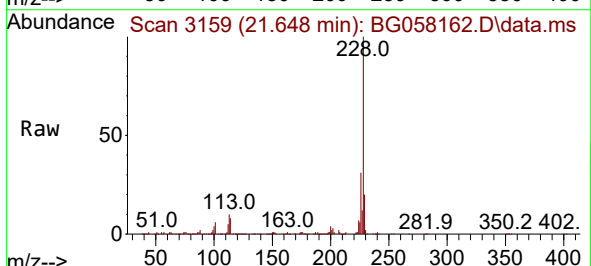
Tgt Ion:228 Resp: 318581

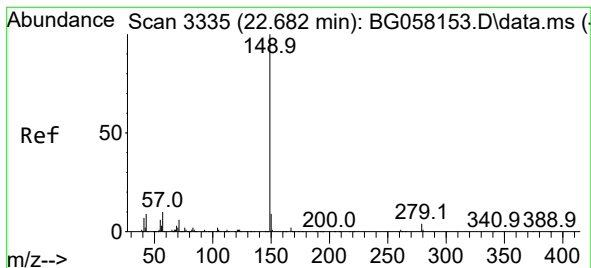
Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.3 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 16.799 ng/ul

RT: 22.676 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG058162.D

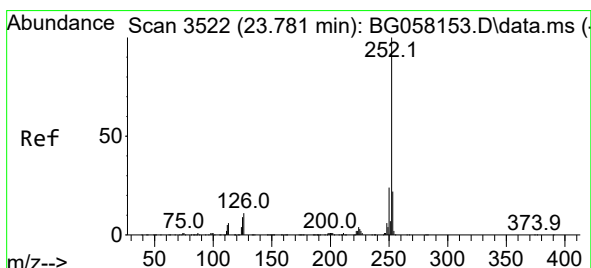
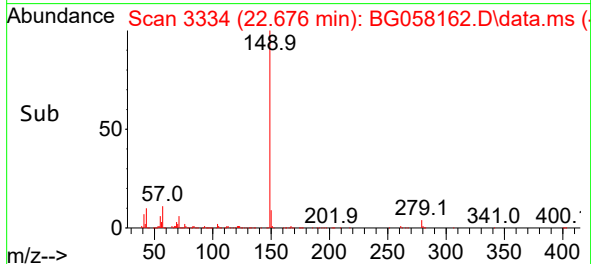
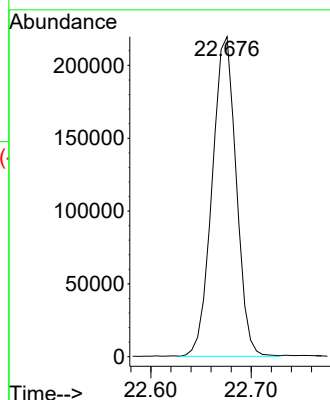
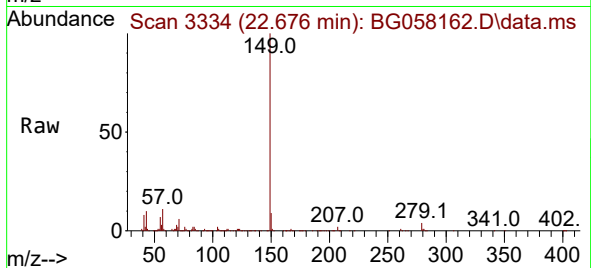
Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 366045



#90

Benzo(b)fluoranthene

Concen: 16.482 ng/ul

RT: 23.775 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

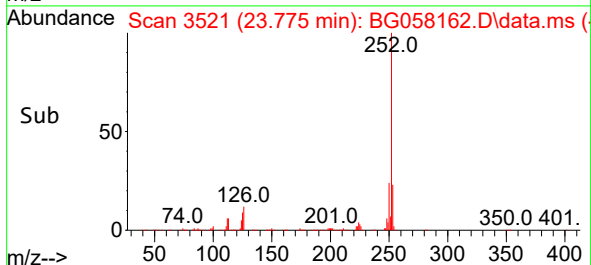
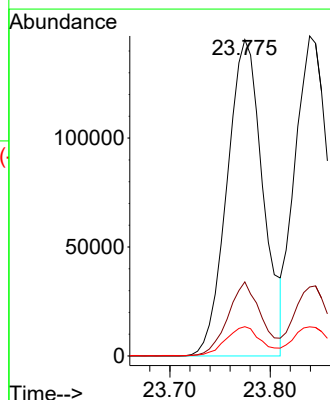
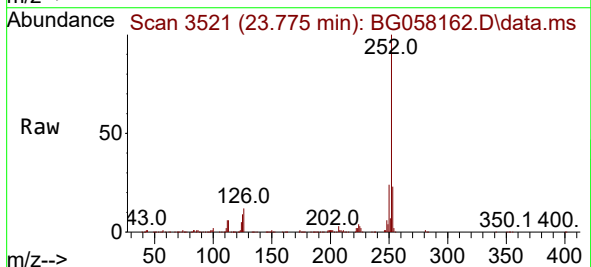
Tgt Ion:252 Resp: 361910

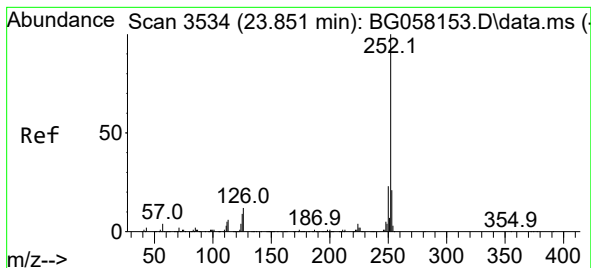
Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

125 9.3 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 16.048 ng/ul

RT: 23.839 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

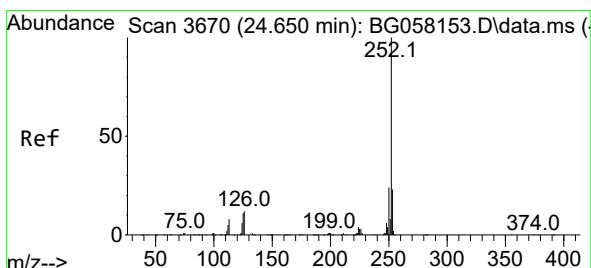
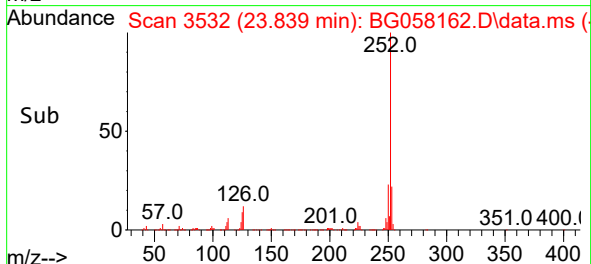
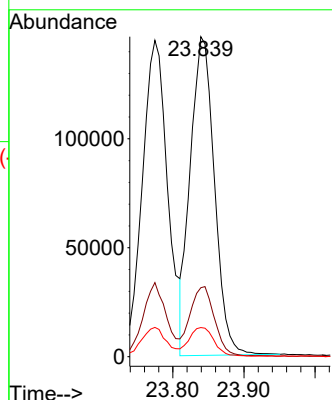
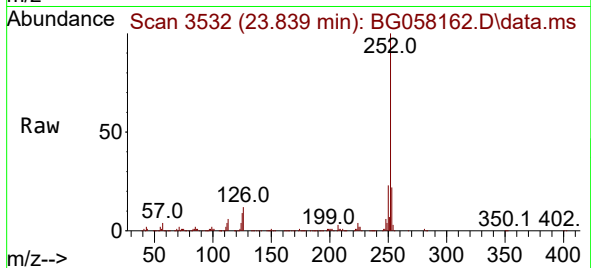
Tgt Ion:252 Resp: 345396

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.1 7.4 11.2



#93

Benzo(a)pyrene

Concen: 15.268 ng/ul

RT: 24.638 min Scan# 3668

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

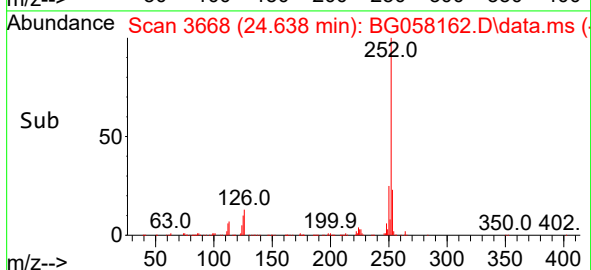
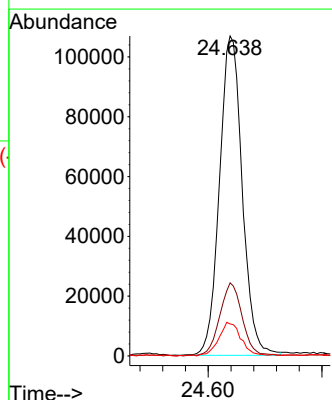
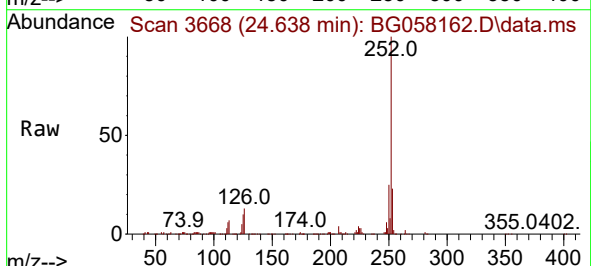
Tgt Ion:252 Resp: 296739

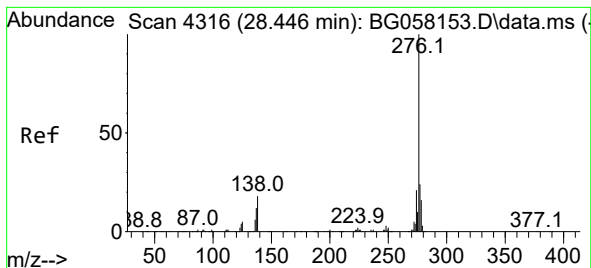
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 10.0 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.957 ng/ul

RT: 28.422 min Scan# 4312

Delta R.T. -0.000 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

Instrument :

BNA_G

ClientSampleId :

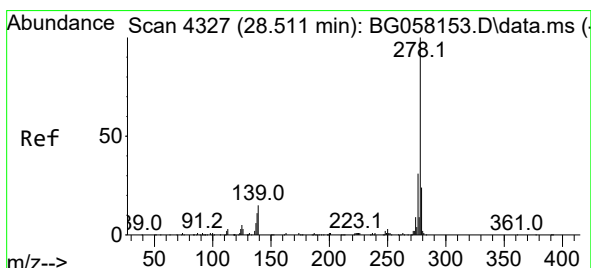
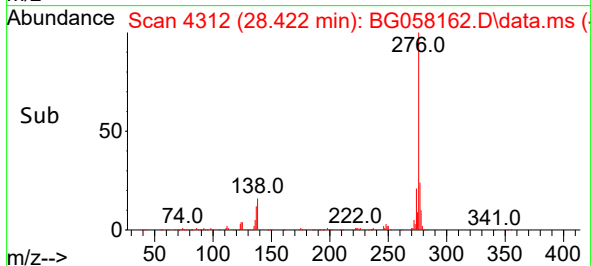
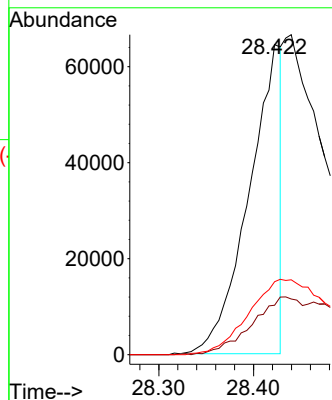
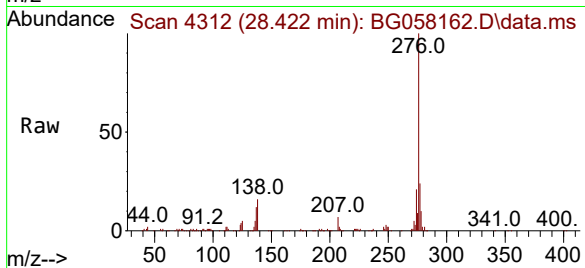
Tgt Ion:276 Resp: 153751

Ion Ratio Lower Upper

276 100

138 15.9 14.0 21.0

277 23.6 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 16.285 ng/ul

RT: 28.493 min Scan# 4324

Delta R.T. 0.006 min

Lab File: BG058162.D

Acq: 11 Jul 2023 16:59

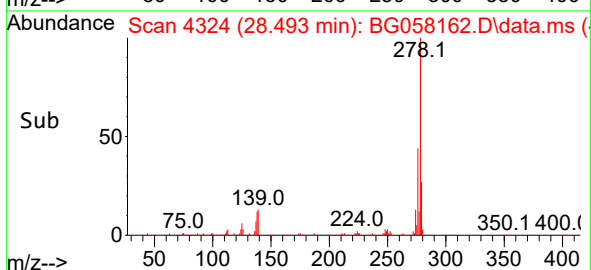
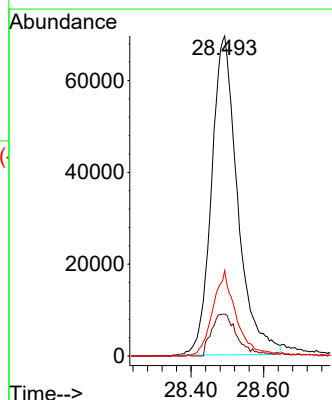
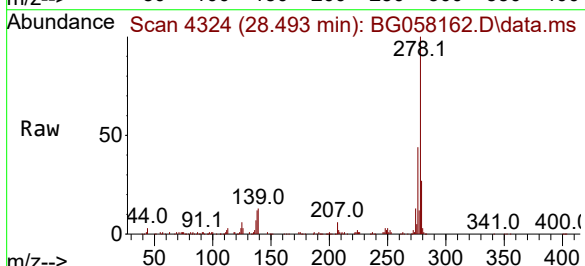
Tgt Ion:278 Resp: 346582

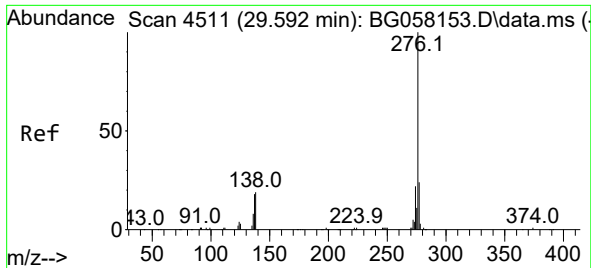
Ion Ratio Lower Upper

278 100

139 13.1 11.3 16.9

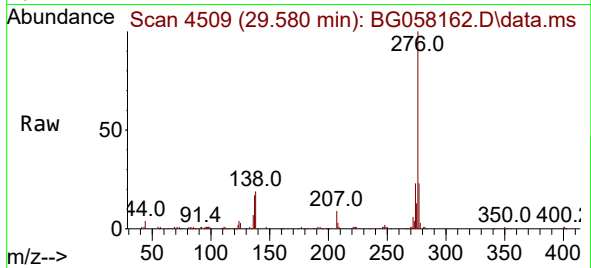
279 26.6 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 15.425 ng/ul
 RT: 29.580 min Scan# 4
 Delta R.T. 0.017 min
 Lab File: BG058162.D
 Acq: 11 Jul 2023 16:59

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:276 Resp: 325161
 Ion Ratio Lower Upper
 276 100
 138 18.7 14.2 21.2
 277 22.7 18.6 27.8

