

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058183.D
 Acq On : 12 Jul 2023 12:23
 Operator : CG/JU
 Sample : 03477-03MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HOA42MS

Quant Time: Jul 12 22:06:00 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	7.971	152	49555	20.000	ng/u1	0.00
20) Naphthalene-d8	10.779	136	222018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	149008	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.342	188	336412	20.000	ng/u1	0.00
79) Chrysene-d12	21.602	240	285508	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	348597	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.400	96	5436	3.841	ng/uL	0.00
4) Pyridine-d5	3.811	84	50431	11.738	ng/u1	0.00
7) Phenol-d5	7.130	99	37887	7.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	103765	34.024	ng/u1	0.00
11) 2-Chlorophenol-d4	7.506	132	91848	26.314	ng/u1	0.00
15) 4-Methylphenol-d8	8.676	113	65948	17.270	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	64650	35.727	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	69833	36.719	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	120773	33.104	ng/u1	0.00
31) 4-Chloroaniline-d4	10.908	131	145820	26.362	ng/u1	0.00
46) Dimethylphthalate-d6	14.005	166	417172	35.483	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	462908	36.081	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	14363	6.915	ng/u1	0.00
60) Fluorene-d10	15.591	176	361769	36.232	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.709	200	69843	38.234	ng/u1	0.00
73) Anthracene-d10	17.442	188	569321	36.471	ng/u1	0.00
81) Pyrene-d10	19.727	212	685488	38.122	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.575	264	725038	40.824	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	114339	65.400	ng/uL	94
5) Pyridine	3.834	79	54939	12.480	ng/u1	98
6) Benzaldehyde	7.107	77	88512	52.371	ng/u1	97
8) Phenol	7.160	94	39424	7.677	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.389	93	124651	31.435	ng/u1	99
12) 2-Chlorophenol	7.536	128	91587	25.215	ng/u1	98
13) 2-Methylphenol	8.411	108	76226	18.899	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.494	45	193994	31.782	ng/u1	97
16) Acetophenone	8.793	105	208648	32.933	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.770	70	108761	32.112	ng/u1	98
18) 4-Methylphenol	8.740	108	74091	16.989	ng/u1	98
19) Hexachloroethane	9.052	117	34332	24.656	ng/u1	96
22) Nitrobenzene	9.175	77	157484	33.525	ng/u1	97
23) Isophorone	9.692	82	321358	32.060	ng/u1	98
25) 2-Nitrophenol	9.886	139	69699	34.154	ng/u1	94
26) 2,4-Dimethylphenol	9.945	107	89945	19.601	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.180	93	179766	31.826	ng/u1	99
29) 2,4-Dichlorophenol	10.421	162	109926	30.989	ng/u1	94
30) Naphthalene	10.826	128	370823	29.721	ng/u1	99
32) 4-Chloroaniline	10.932	127	127411	22.527	ng/u1	96
33) Hexachlorobutadiene	11.108	225	65882	26.234	ng/u1	96
34) Caprolactam	11.696	113	6761	4.741	ng/u1	98
35) 4-Chloro-3-methylphenol	12.054	107	121572	27.900	ng/u1	99
36) 2-Methylnaphthalene	12.430	142	261703	31.115	ng/u1	98

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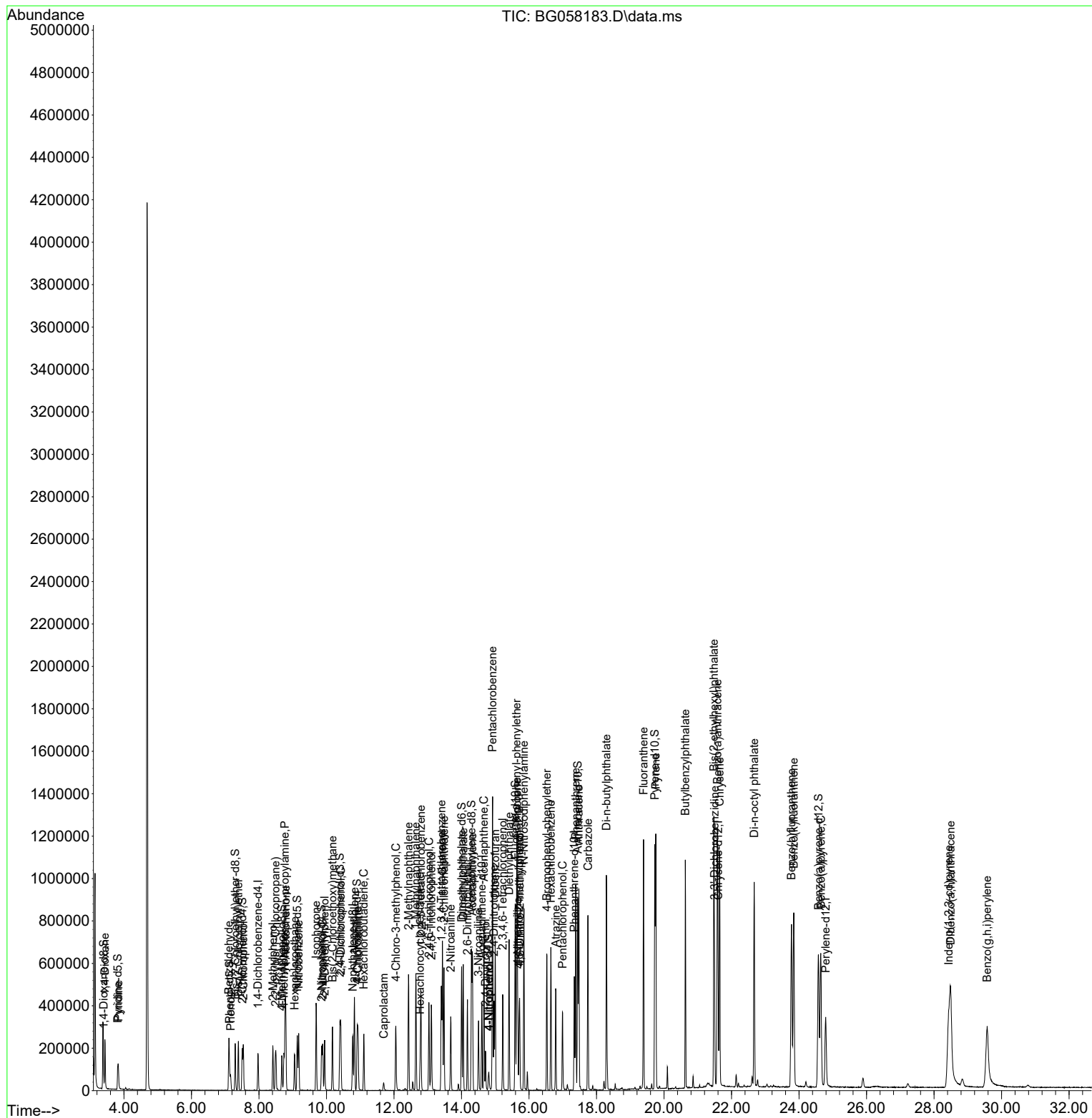
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	263645	31.259	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.794	216	156815	34.534	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	37360	13.062	ng/ul	98
41) 2,4,6-Trichlorophenol	13.035	196	106993	34.764	ng/ul	96
42) 2,4,5-Trichlorophenol	13.106	196	116572	35.023	ng/ul	97
43) 1,1'-Biphenyl	13.435	154	364484	33.943	ng/ul	99
44) 2-Chloronaphthalene	13.482	162	290597	33.719	ng/ul	99
45) 2-Nitroaniline	13.682	65	109477	36.537	ng/ul	98
47) Dimethylphthalate	14.052	163	398244	33.716	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	88110	36.341	ng/ul	99
50) Acenaphthylene	14.328	152	475198	34.300	ng/ul	100
51) 3-Nitroaniline	14.504	138	78490	38.308	ng/ul	98
52) Acenaphthene	14.663	153	329141	34.622	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	41633	32.937	ng/ul	96
55) 4-Nitrophenol	14.816	109	11386	7.399	ng/ul	79
56) Dibenzofuran	14.998	168	471186	34.866	ng/ul	99
57) 2,4-Dinitrotoluene	14.962	165	125118	36.423	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.221	232	101288	33.428	ng/ul	98
59) Diethylphthalate	15.409	149	410238	33.276	ng/ul	99
61) Fluorene	15.650	166	380758	34.339	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.632	204	204132	34.792	ng/ul	99
63) 4-Nitroaniline	15.667	138	79368	43.241	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.726	198	67548	36.159	ng/ul#	97
67) N-Nitrosodiphenylamine	15.850	169	320441	35.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.531	248	138025	37.377	ng/ul	97
69) Hexachlorobenzene	16.649	284	155093	37.513	ng/ul	100
70) Atrazine	16.796	200	90054	24.597	ng/ul	98
71) Pentachlorophenol	16.995	266	81124	32.684	ng/ul	96
72) Phenanthrene	17.383	178	618260	36.130	ng/ul	99
74) Anthracene	17.477	178	596438	34.443	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.405	216	166773	37.380	ng/uL	96
76) Pentachlorobenzene	14.921	250	407544	85.529	ng/uL	97
77) Carbazole	17.747	167	569842	36.385	ng/ul	99
78) Di-n-butylphthalate	18.294	149	722224	36.202	ng/ul	99
80) Fluoranthene	19.393	202	744436	35.729	ng/ul	100
82) Pyrene	19.757	202	734724	35.031	ng/ul	98
83) Butylbenzylphthalate	20.632	149	319752	37.596	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.496	252	230932	33.411	ng/ul	100
85) Benzo(a)anthracene	21.584	228	747636	36.470	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.478	149	467183	38.332	ng/ul	98
87) Chrysene	21.649	228	716493	37.284	ng/ul	99
89) Di-n-octyl phthalate	22.671	149	818354	38.208	ng/ul	100
90) Benzo(b)fluoranthene	23.776	252	808883	37.476	ng/ul	100
91) Benzo(k)fluoranthene	23.846	252	779060	36.824	ng/ul	100
93) Benzo(a)pyrene	24.645	252	704072	36.854	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.435	276	921147	36.310	ng/ul	97
95) Dibenzo(a,h)anthracene	28.494	278	784732	37.512	ng/ul	98
96) Benzo(g,h,i)perylene	29.575	276	684184	33.019	ng/ul	100

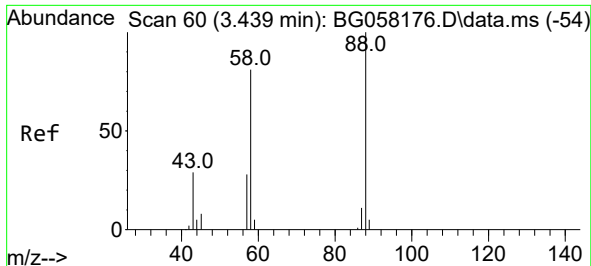
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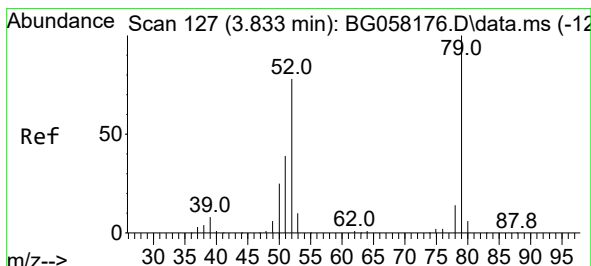
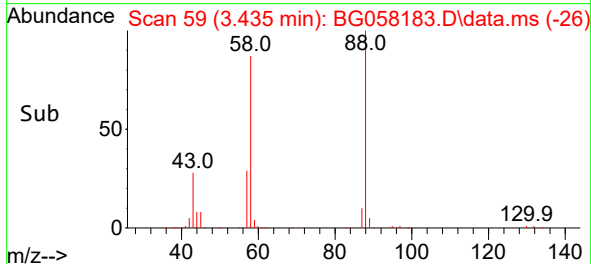
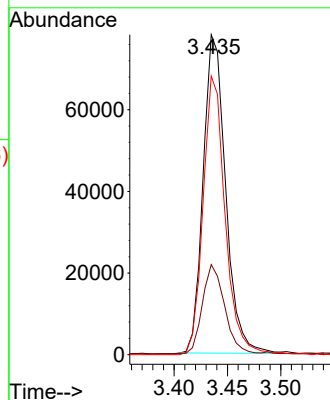
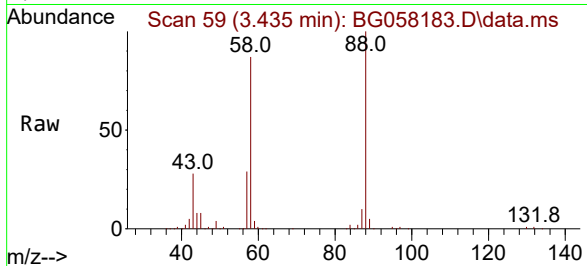




#2
1,4-Dioxane
Concen: 65.400 ng/uL
RT: 3.435 min Scan# 59
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

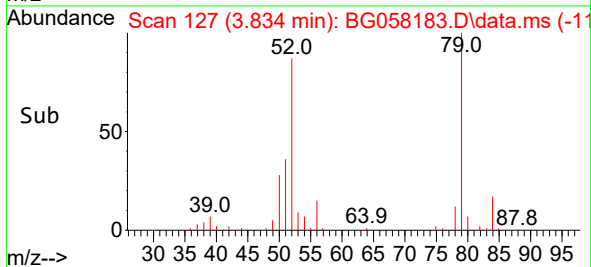
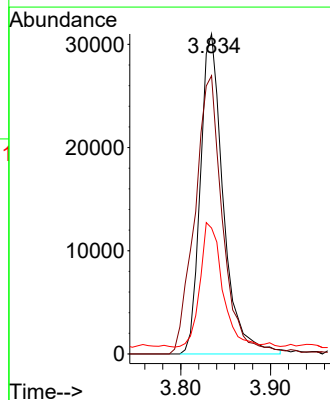
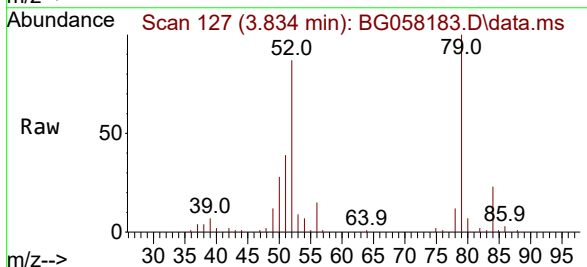
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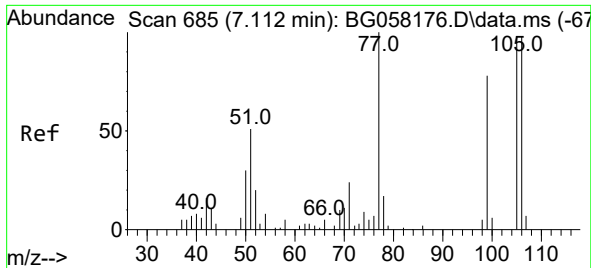
Tgt Ion: 88 Resp: 114339
Ion Ratio Lower Upper
88 100
43 28.2 20.6 30.8
58 87.1 65.5 98.3



#5
Pyridine
Concen: 12.480 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion: 79 Resp: 54939
Ion Ratio Lower Upper
79 100
52 86.9 68.6 102.8
51 39.3 29.4 44.0

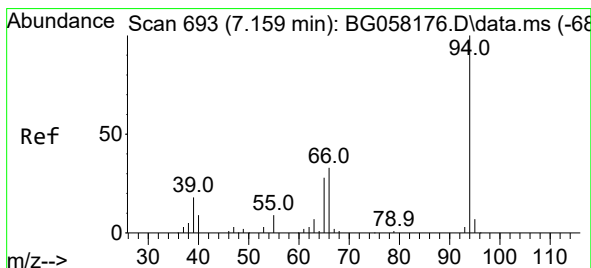
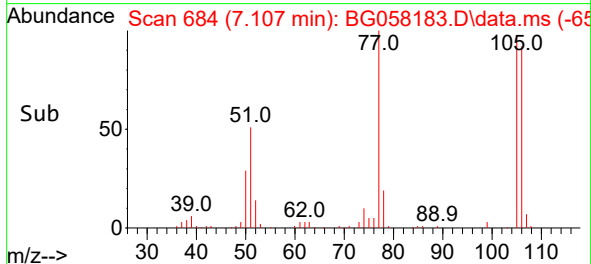
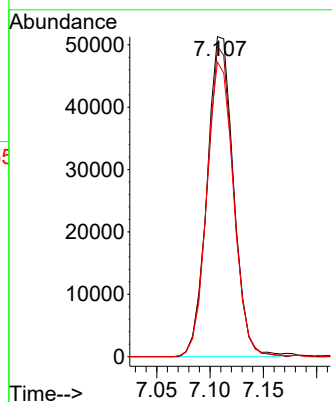
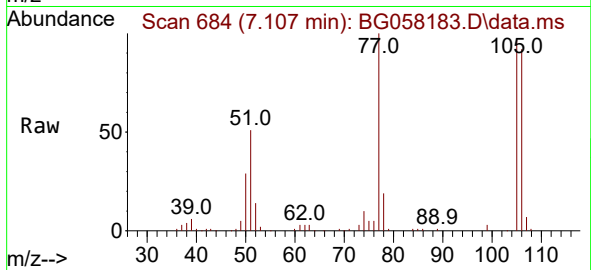




#6
Benzaldehyde
Concen: 52.371 ng/ul
RT: 7.107 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

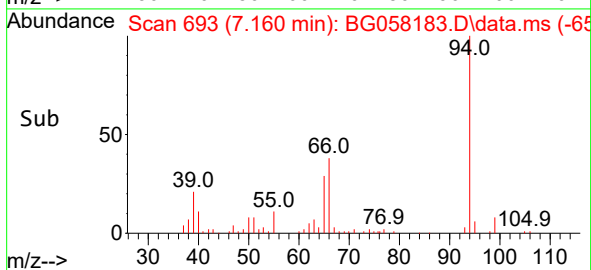
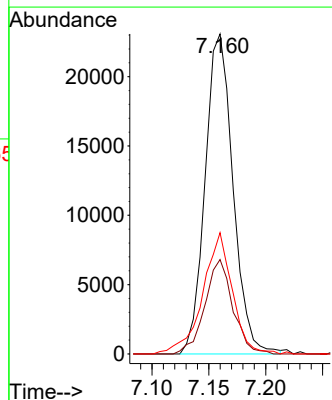
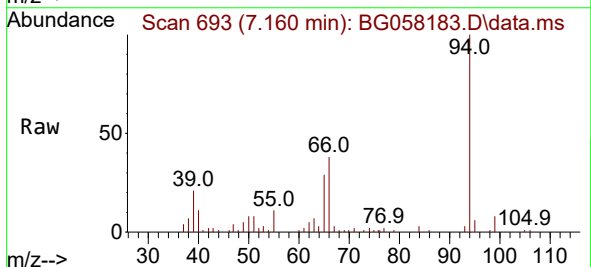
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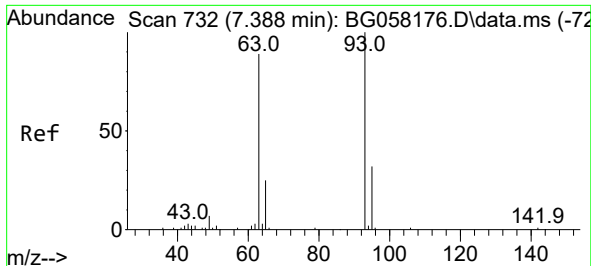
Tgt Ion: 77 Resp: 88512
Ion Ratio Lower Upper
77 100
105 97.0 74.7 112.1
106 92.0 75.9 113.9



#8
Phenol
Concen: 7.677 ng/ul
RT: 7.160 min Scan# 693
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion: 94 Resp: 39424
Ion Ratio Lower Upper
94 100
65 29.5 22.2 33.4
66 37.9 28.6 43.0

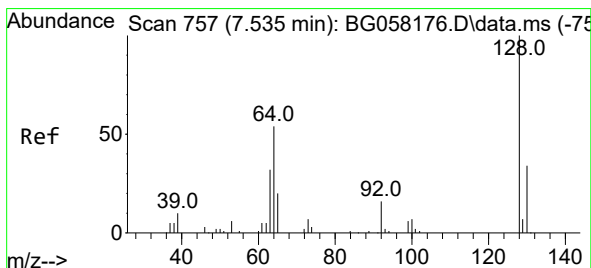
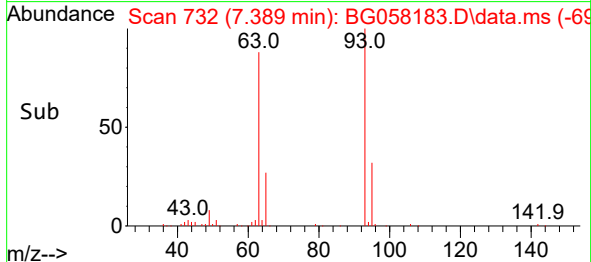
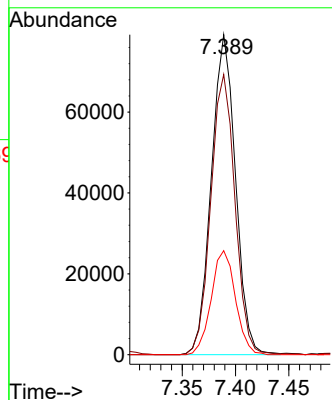
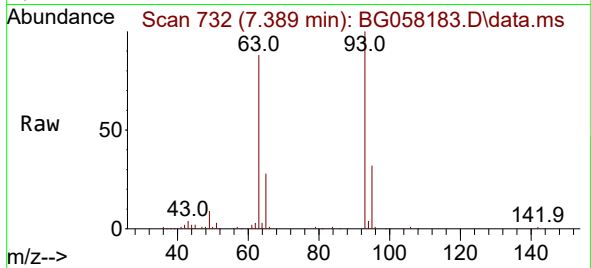




#10
Bis(2-Chloroethyl)ether
Concen: 31.435 ng/ul
RT: 7.389 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

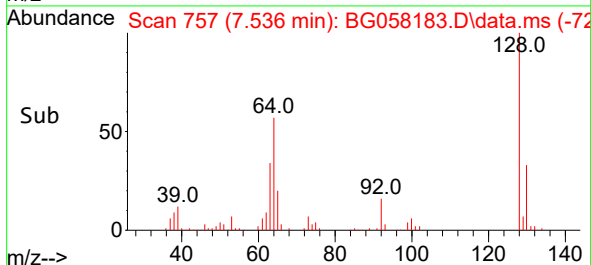
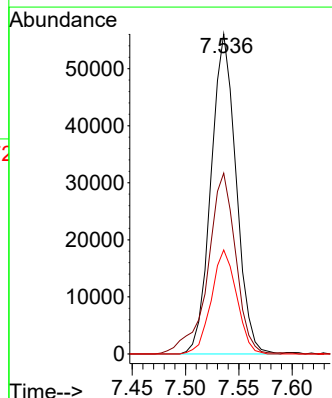
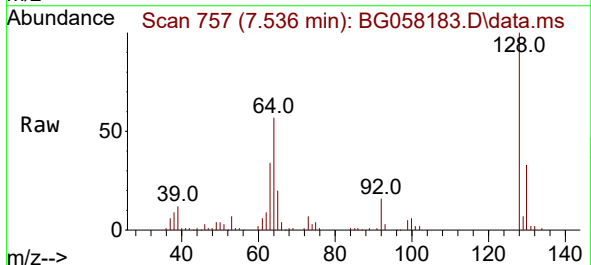
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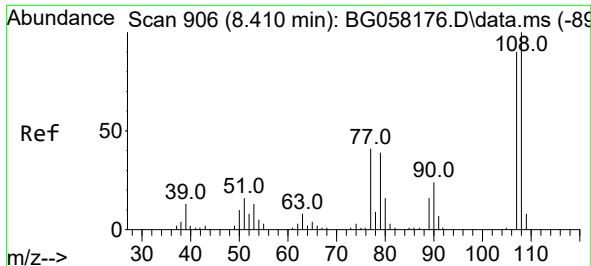
Tgt Ion: 93 Resp: 124651
Ion Ratio Lower Upper
93 100
63 87.5 69.4 104.0
95 32.5 27.0 40.6



#12
2-Chlorophenol
Concen: 25.215 ng/ul
RT: 7.536 min Scan# 757
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:128 Resp: 91587
Ion Ratio Lower Upper
128 100
64 56.5 44.3 66.5
130 32.5 27.3 40.9

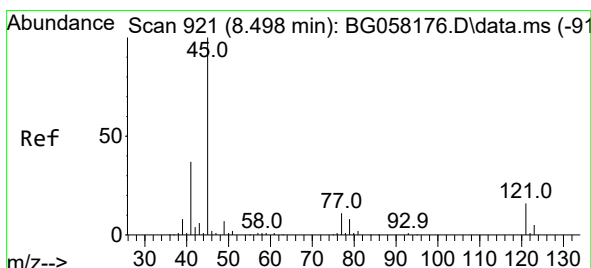
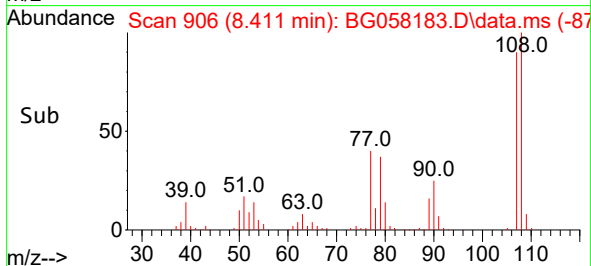
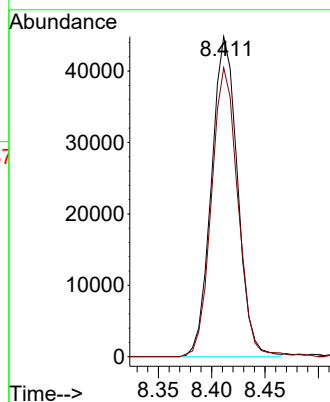
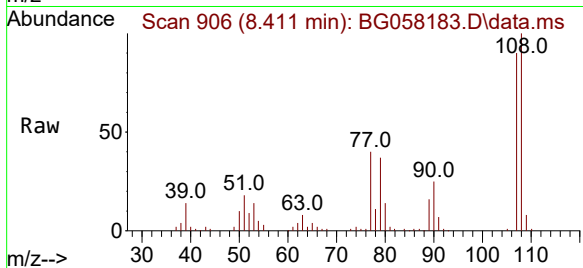




#13
2-Methylphenol
Concen: 18.899 ng/ul
RT: 8.411 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

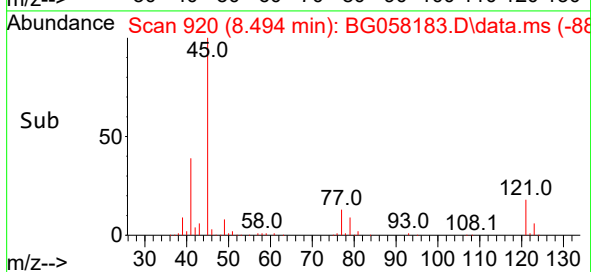
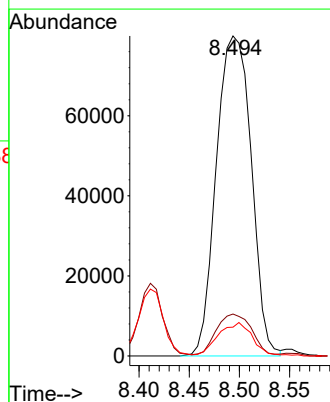
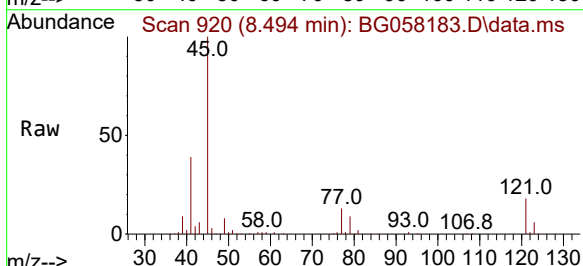
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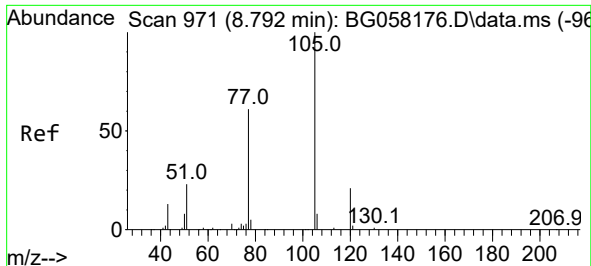
Tgt Ion:108 Resp: 76226
Ion Ratio Lower Upper
108 100
107 90.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.782 ng/ul
RT: 8.494 min Scan# 920
Delta R.T. -0.005 min
Lab File: BG058183.D
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Tgt Ion: 45 Resp: 193994
Ion Ratio Lower Upper
45 100
77 13.1 9.4 14.2
79 9.0 8.3 12.5

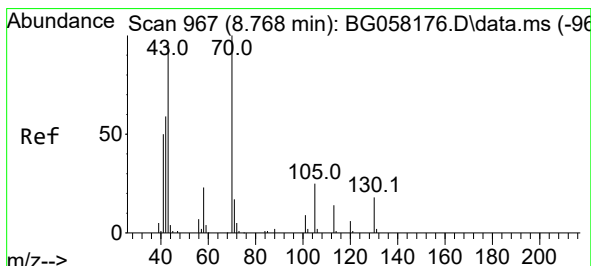
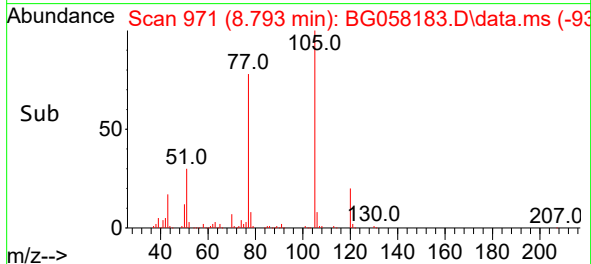
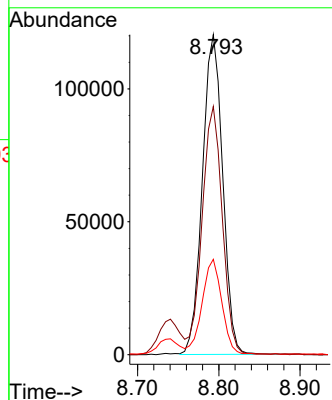
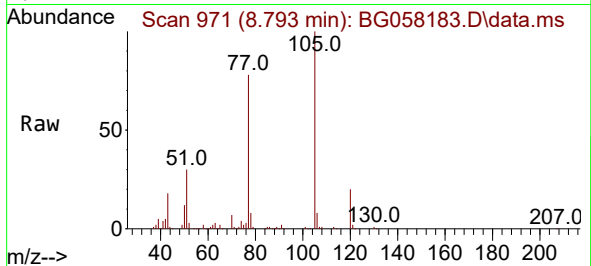




#16
Acetophenone
Concen: 32.933 ng/ul
RT: 8.793 min Scan# 971
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

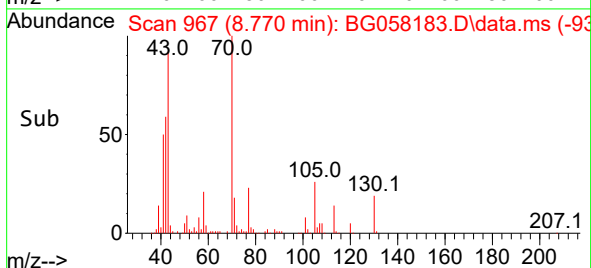
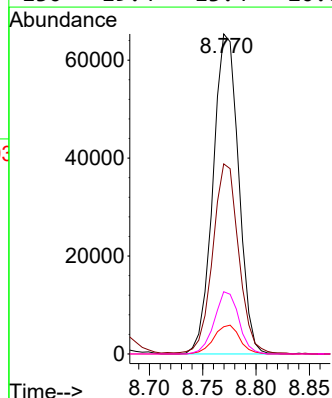
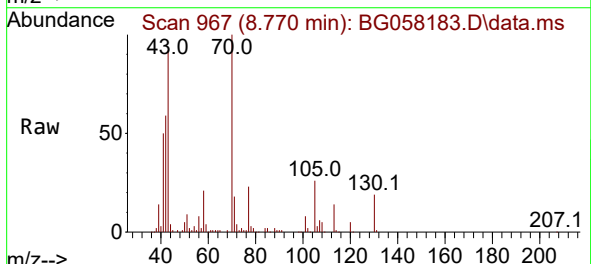
Instrument :
BNA_G
ClientSampleId :
HOA42MS

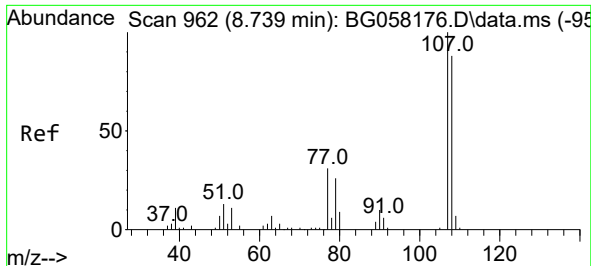
Tgt Ion:105 Resp: 208648
Ion Ratio Lower Upper
105 100
77 77.5 61.2 91.8
51 29.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 32.112 ng/ul
RT: 8.770 min Scan# 967
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion: 70 Resp: 108761
Ion Ratio Lower Upper
70 100
42 59.4 48.0 72.0
101 8.5 7.4 11.2
130 19.4 13.4 20.0

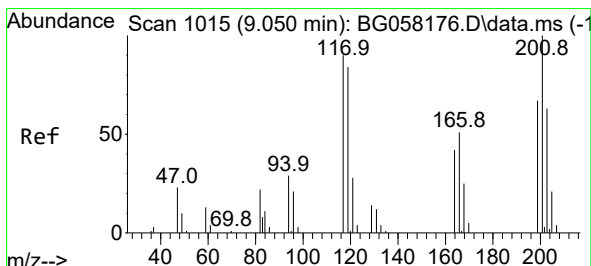
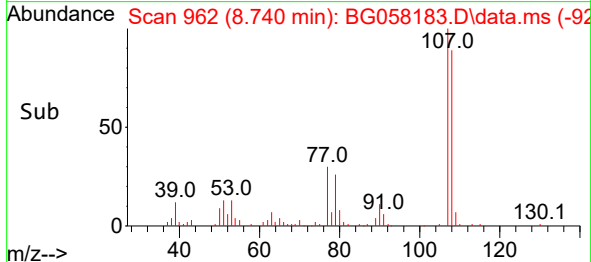
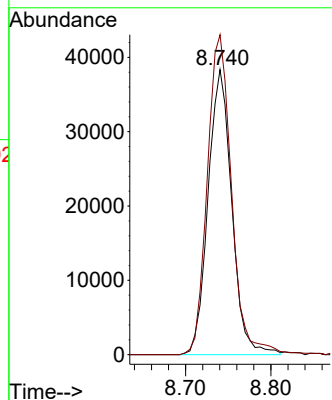
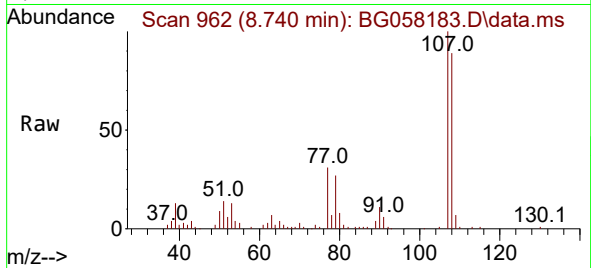




#18
4-Methylphenol
Concen: 16.989 ng/ul
RT: 8.740 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

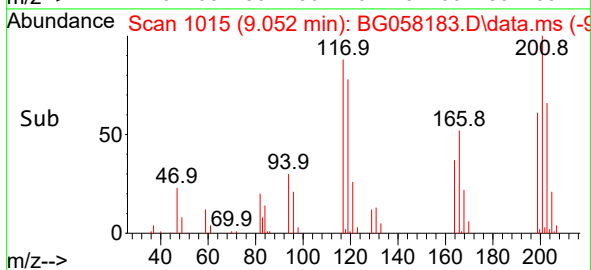
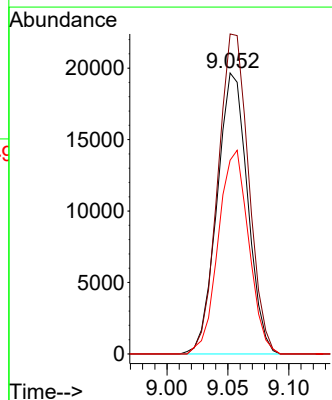
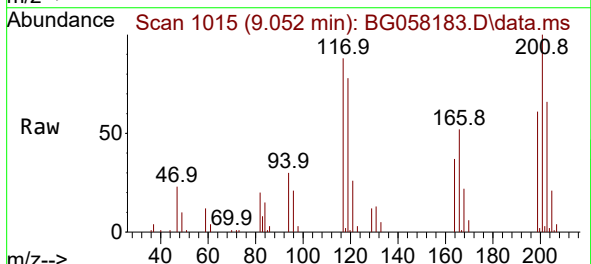
Instrument :
BNA_G
ClientSampleId :
HOA42MS

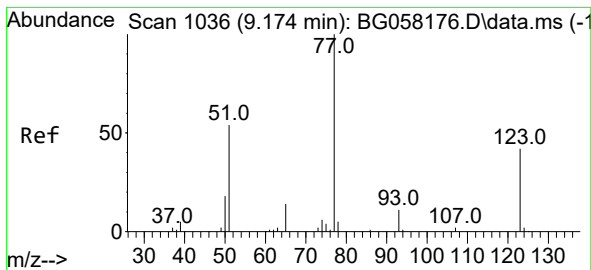
Tgt Ion:108 Resp: 74091
Ion Ratio Lower Upper
108 100
107 112.2 91.1 136.7



#19
Hexachloroethane
Concen: 24.656 ng/ul
RT: 9.052 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:117 Resp: 34332
Ion Ratio Lower Upper
117 100
201 113.9 94.0 141.0
199 71.0 59.8 89.6

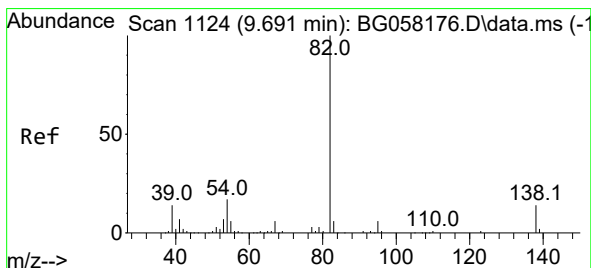
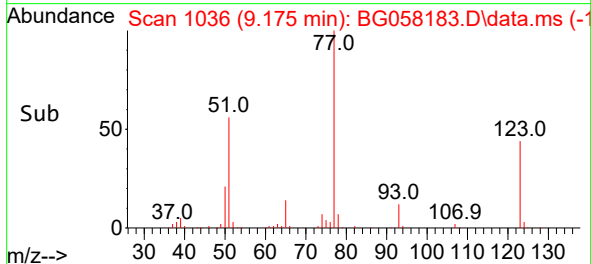
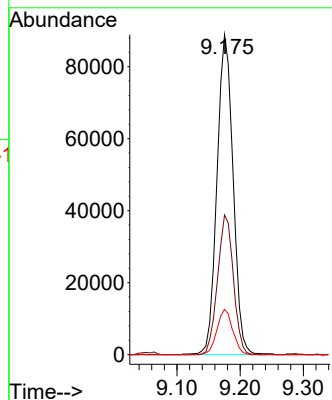
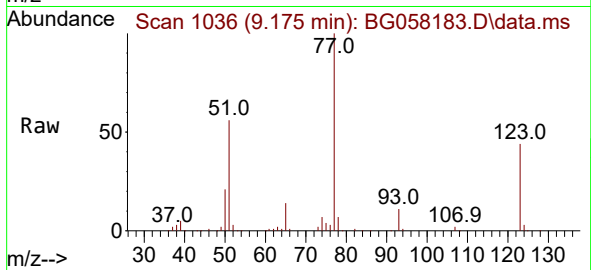




#22
Nitrobenzene
Concen: 33.525 ng/ul
RT: 9.175 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

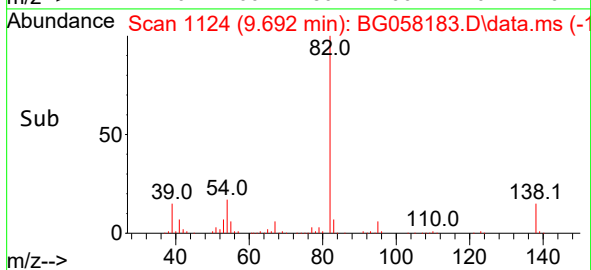
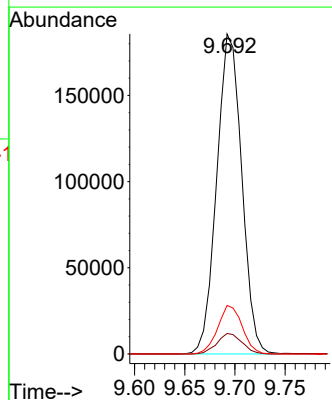
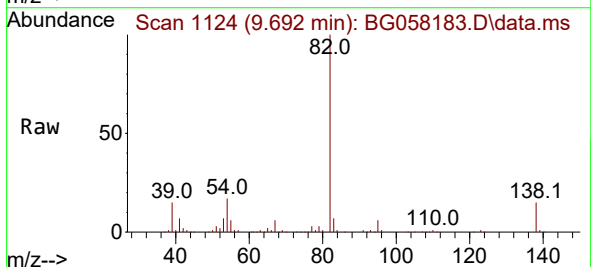
Instrument :
BNA_G
ClientSampleId :
HOA42MS

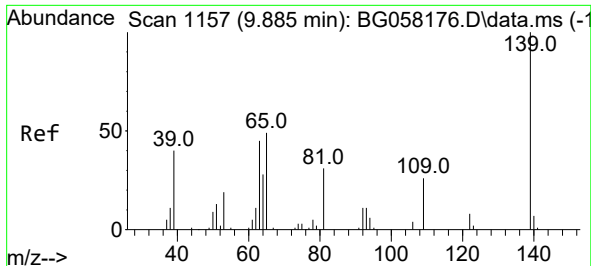
Tgt Ion: 77 Resp: 157484
Ion Ratio Lower Upper
77 100
123 43.6 33.3 49.9
65 14.2 10.4 15.6



#23
Isophorone
Concen: 32.060 ng/ul
RT: 9.692 min Scan# 1124
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion: 82 Resp: 321358
Ion Ratio Lower Upper
82 100
95 6.4 4.8 7.2
138 15.1 11.4 17.0

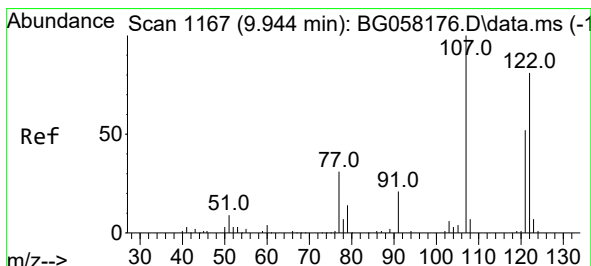
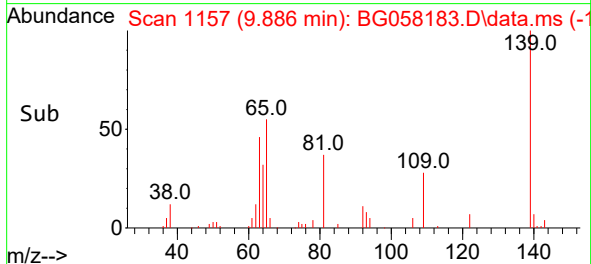
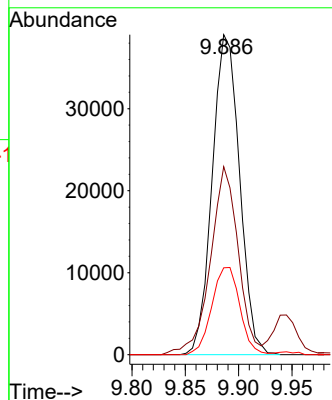
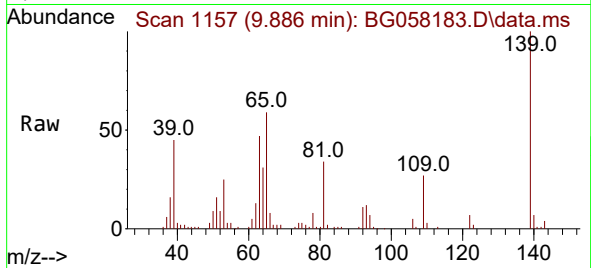




#25
2-Nitrophenol
Concen: 34.154 ng/ul
RT: 9.886 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

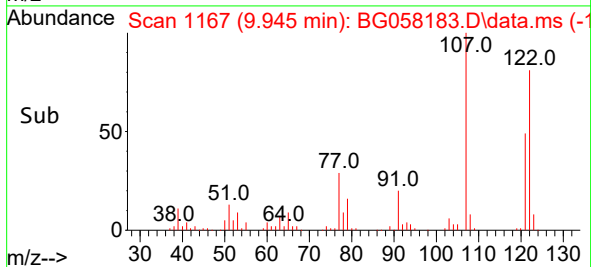
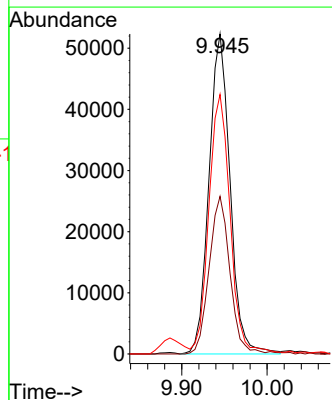
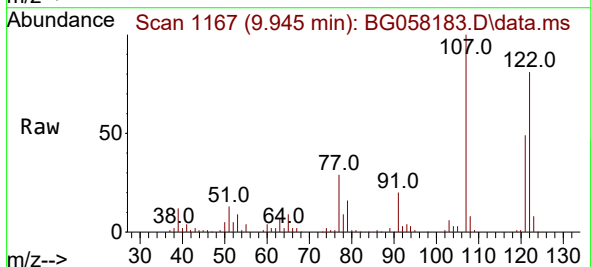
Instrument :
BNA_G
ClientSampleId :
HOA42MS

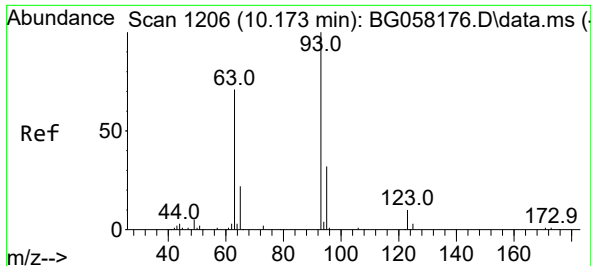
Tgt Ion:139 Resp: 69699
Ion Ratio Lower Upper
139 100
65 58.8 42.6 64.0
109 27.2 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 19.601 ng/ul
RT: 9.945 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:107 Resp: 89945
Ion Ratio Lower Upper
107 100
121 49.3 40.6 60.8
122 81.1 67.1 100.7

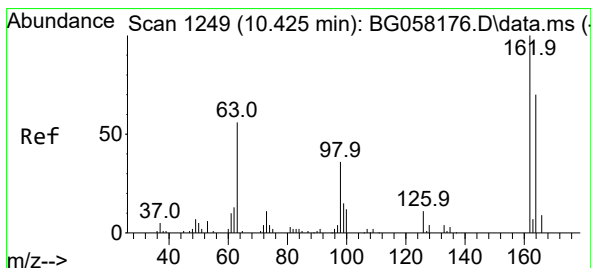
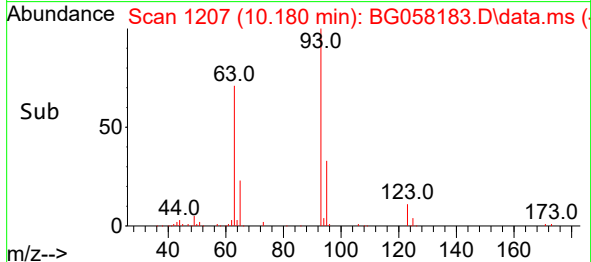
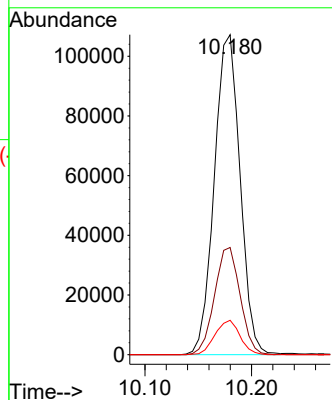
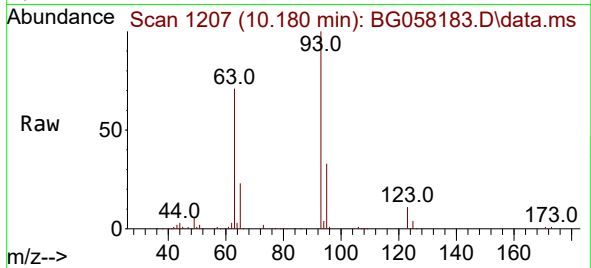




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.826 ng/ul
 RT: 10.180 min Scan# 1207
 Delta R.T. 0.007 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

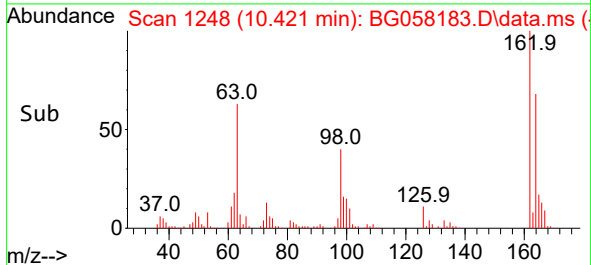
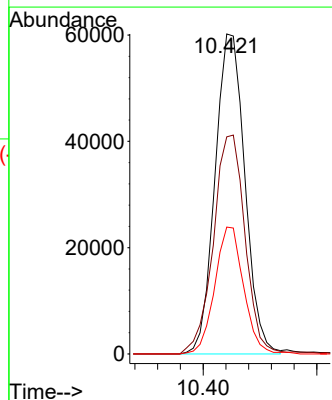
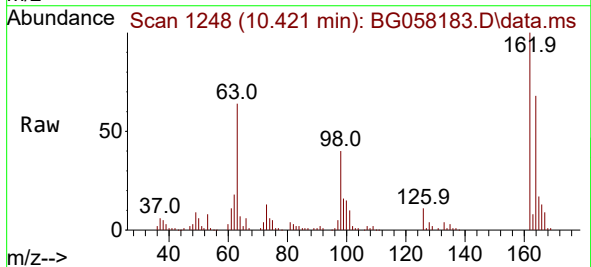
Instrument :
 BNA_G
 ClientSampleId :
 HOA42MS

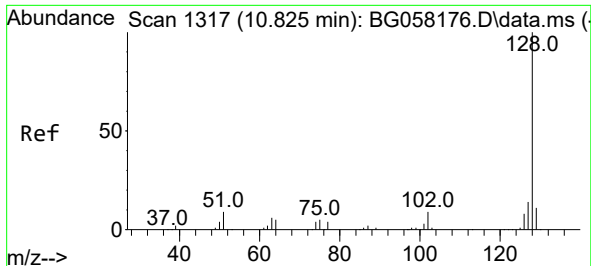
Tgt Ion: 93 Resp: 179766
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 10.7 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 30.989 ng/ul
 RT: 10.421 min Scan# 1248
 Delta R.T. -0.005 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

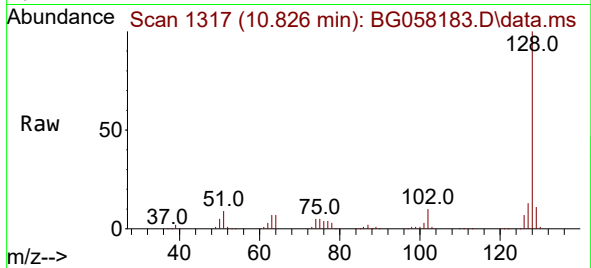
Tgt Ion:162 Resp: 109926
 Ion Ratio Lower Upper
 162 100
 164 67.9 51.1 76.7
 98 39.6 27.9 41.9



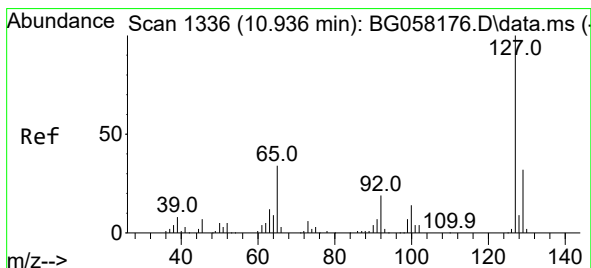
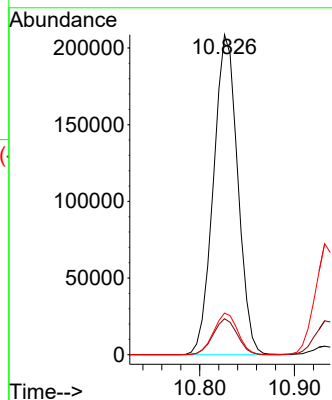
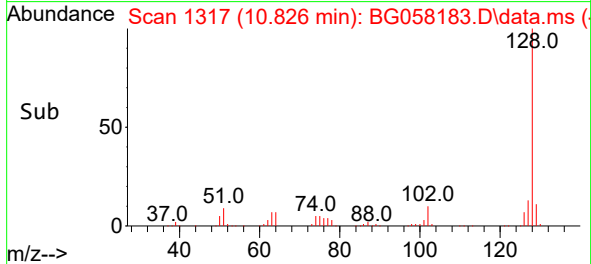


#30
Naphthalene
Concen: 29.721 ng/ul
RT: 10.826 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Instrument :
BNA_G
ClientSampleId :
HOA42MS

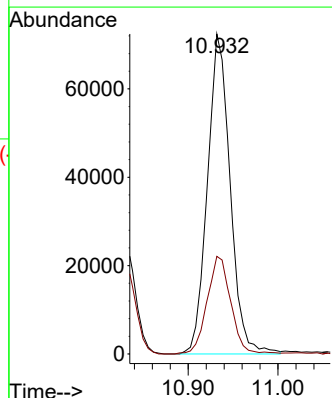
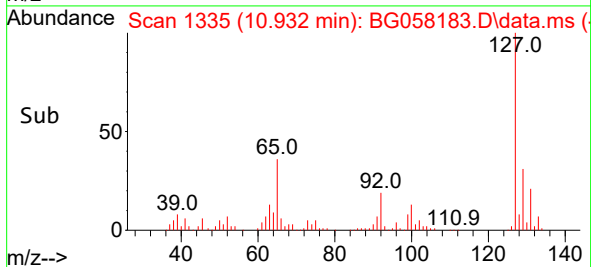
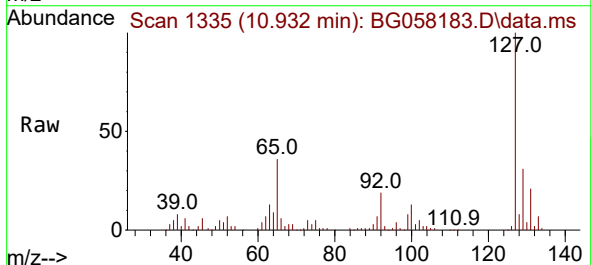


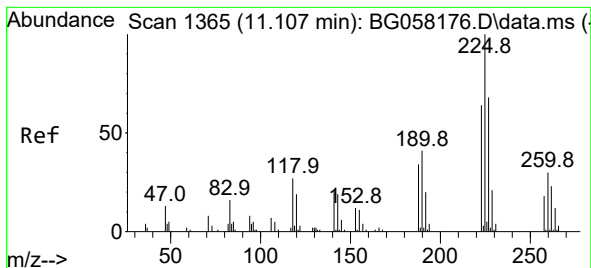
Tgt Ion:128 Resp: 370823
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.0 10.2 15.2



#32
4-Chloroaniline
Concen: 22.527 ng/ul
RT: 10.932 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:127 Resp: 127411
Ion Ratio Lower Upper
127 100
129 30.5 26.0 39.0





#33

Hexachlorobutadiene

Concen: 26.234 ng/ul

RT: 11.108 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

Instrument :

BNA_G

ClientSampleId :

HOA42MS

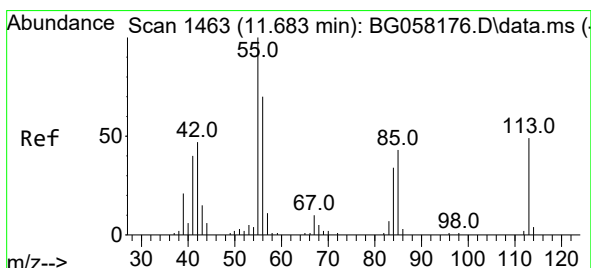
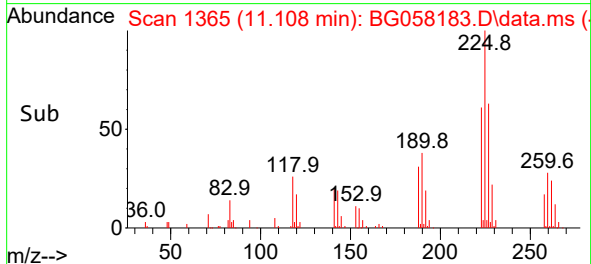
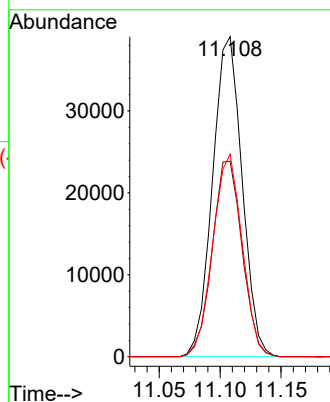
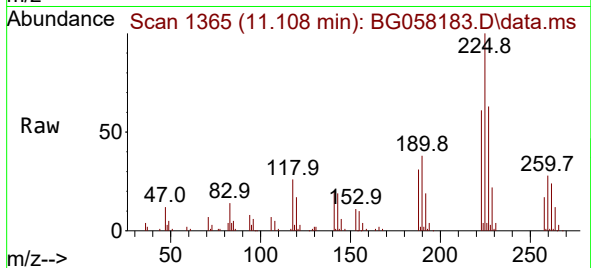
Tgt Ion:225 Resp: 65882

Ion Ratio Lower Upper

225 100

223 61.1 53.2 79.8

227 63.3 51.4 77.2



#34

Caprolactam

Concen: 4.741 ng/ul

RT: 11.696 min Scan# 1465

Delta R.T. 0.013 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

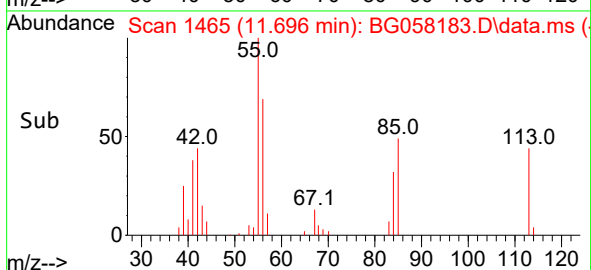
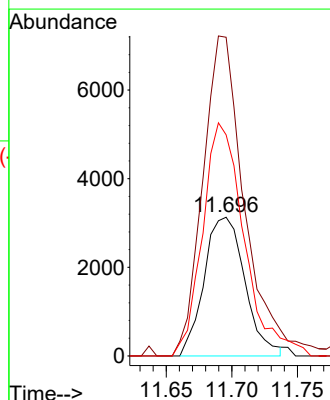
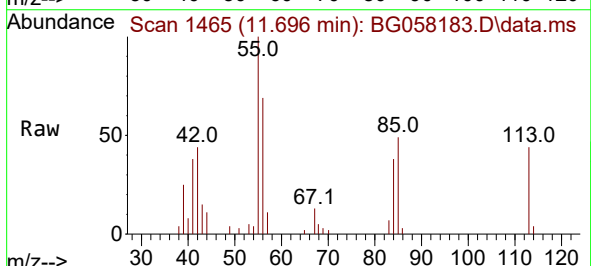
Tgt Ion:113 Resp: 6761

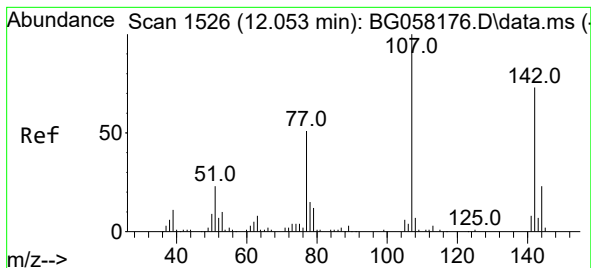
Ion Ratio Lower Upper

113 100

55 229.7 183.4 275.2

56 159.3 123.0 184.6

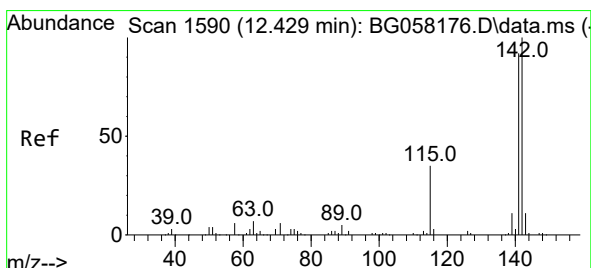
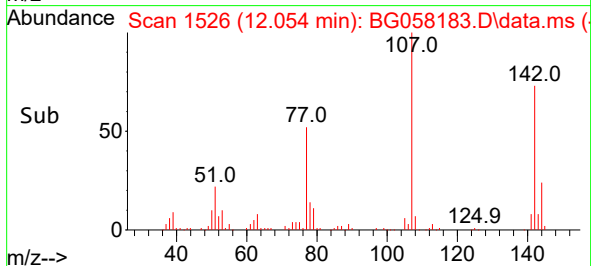
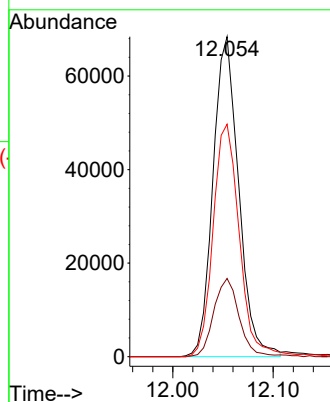
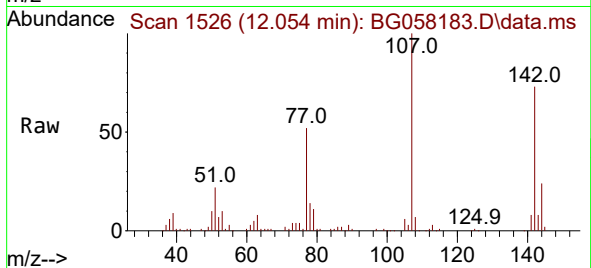




#35
 4-Chloro-3-methylphenol
 Concen: 27.900 ng/ul
 RT: 12.054 min Scan# 1526
 Delta R.T. 0.001 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

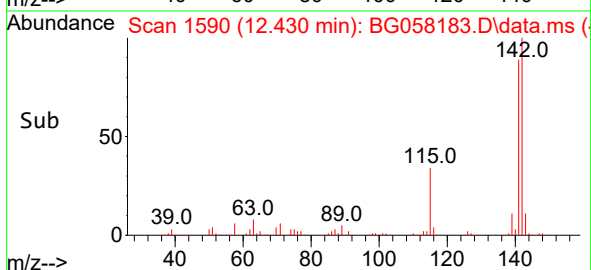
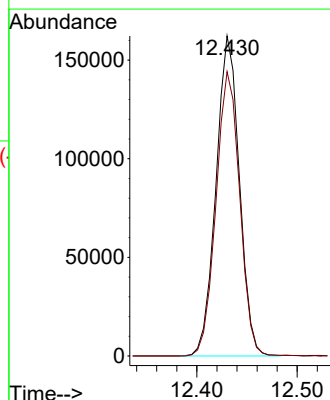
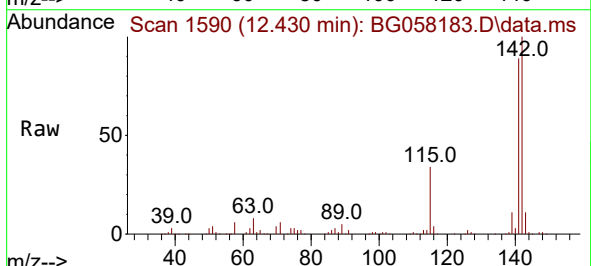
Instrument :
 BNA_G
 ClientSampleId :
 HOA42MS

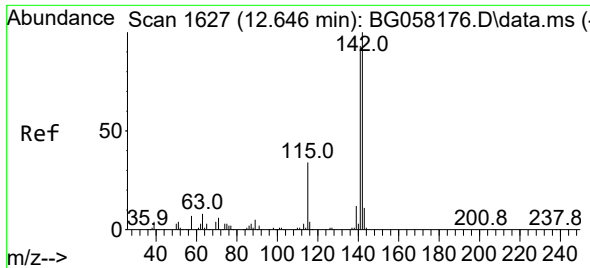
Tgt Ion:107 Resp: 121572
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 72.7 58.4 87.6



#36
 2-Methylnaphthalene
 Concen: 31.115 ng/ul
 RT: 12.430 min Scan# 1590
 Delta R.T. 0.001 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

Tgt Ion:142 Resp: 261703
 Ion Ratio Lower Upper
 142 100
 141 88.9 69.4 104.2

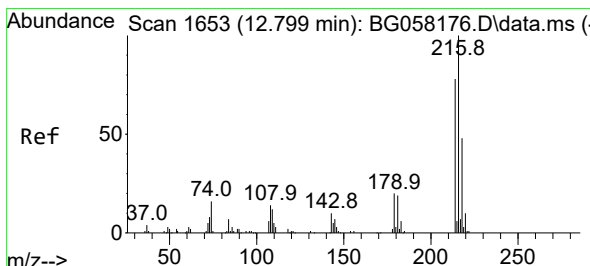
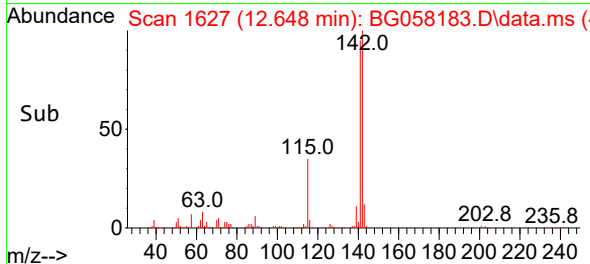
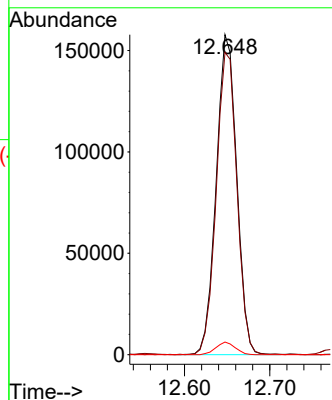
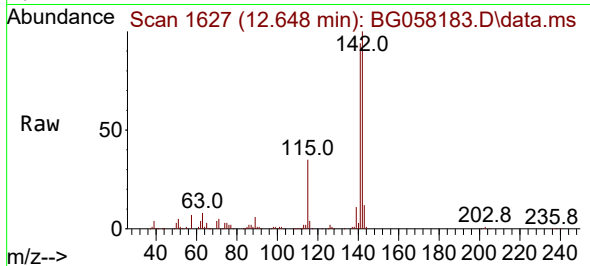




#37
1-Methylnaphthalene
Concen: 31.259 ng/ul
RT: 12.648 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

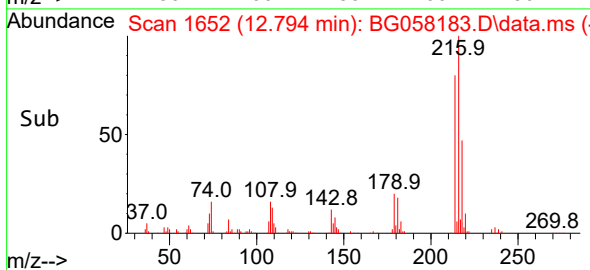
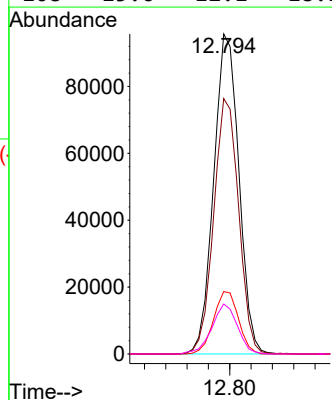
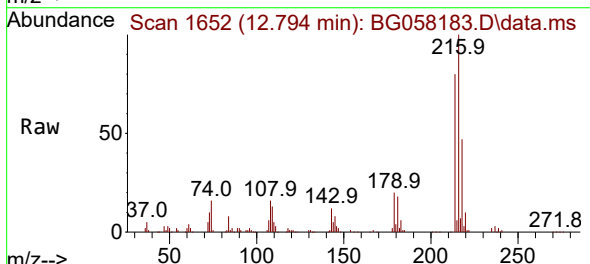
Instrument :
BNA_G
ClientSampleId :
HOA42MS

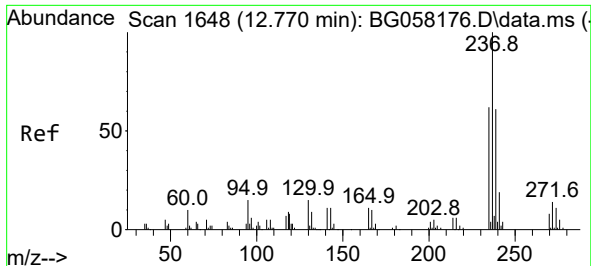
Tgt Ion:142 Resp: 263645
Ion Ratio Lower Upper
142 100
141 94.4 73.8 110.8
116 4.0 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.534 ng/ul
RT: 12.794 min Scan# 1652
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:216 Resp: 156815
Ion Ratio Lower Upper
216 100
214 79.8 64.1 96.1
179 19.5 16.0 24.0
108 15.6 12.1 18.1

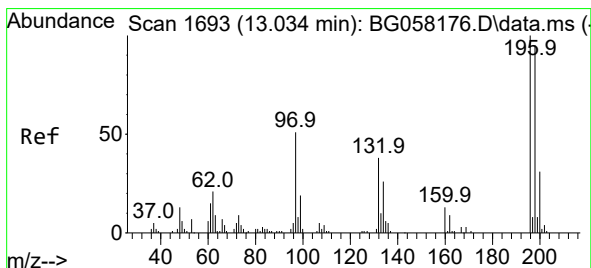
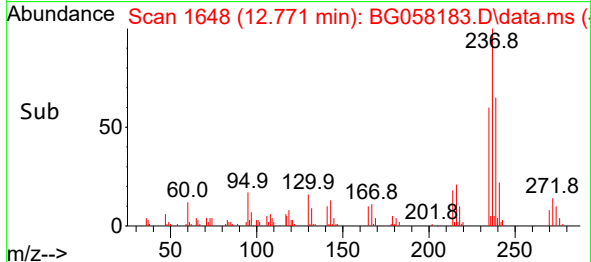
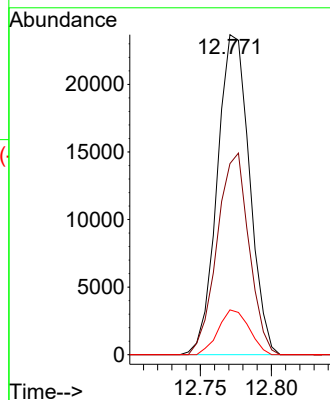
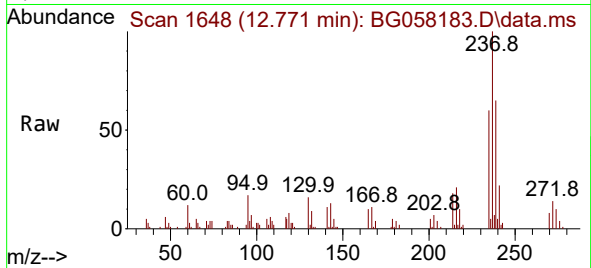




#40
Hexachlorocyclopentadiene
Concen: 13.062 ng/ul
RT: 12.771 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

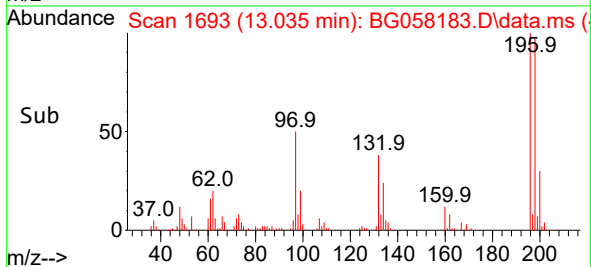
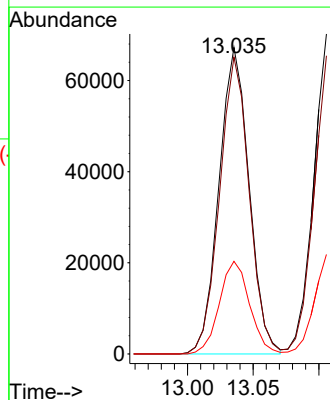
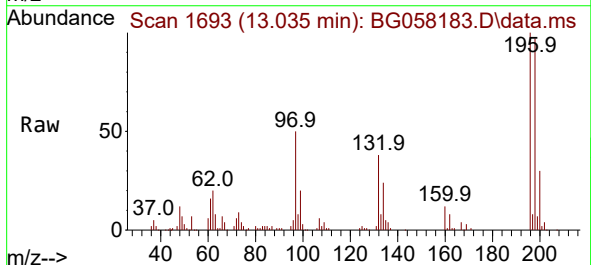
Instrument :
BNA_G
ClientSampleId :
HOA42MS

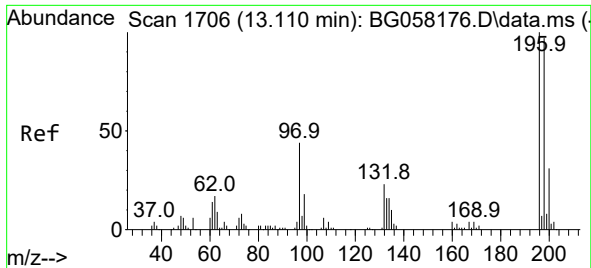
Tgt Ion:237 Resp: 37360
Ion Ratio Lower Upper
237 100
235 59.7 49.2 73.8
272 14.0 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 34.764 ng/ul
RT: 13.035 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:196 Resp: 106993
Ion Ratio Lower Upper
196 100
198 96.8 73.5 110.3
200 30.2 24.8 37.2

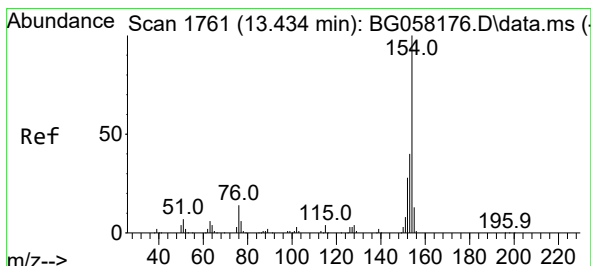
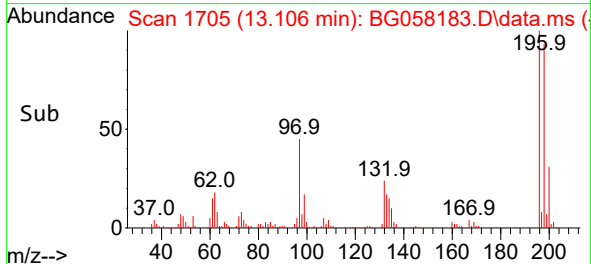
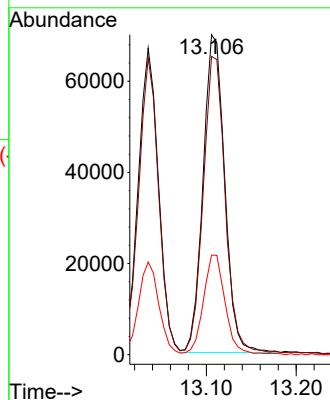
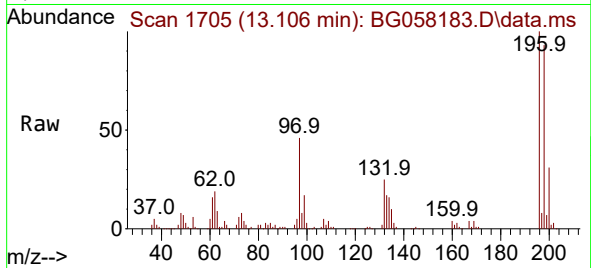




#42
2,4,5-Trichlorophenol
Concen: 35.023 ng/ul
RT: 13.106 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

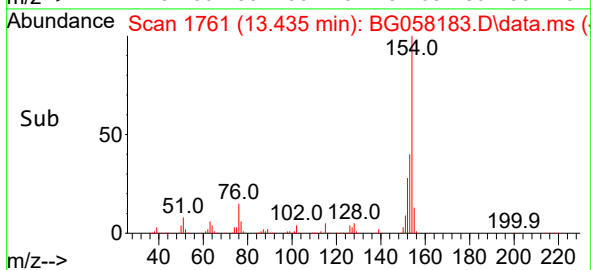
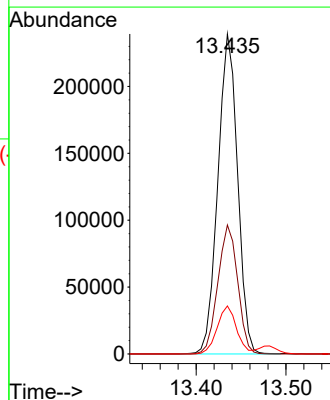
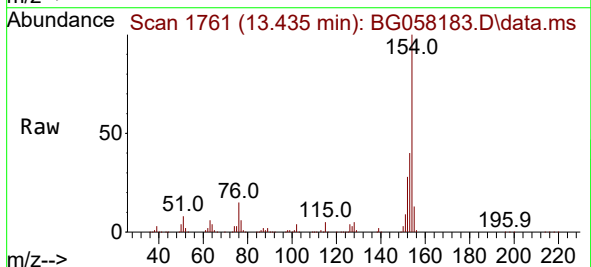
Instrument :
BNA_G
ClientSampleId :
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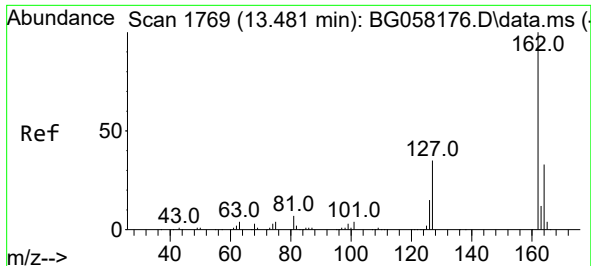
Tgt Ion:196 Resp: 116572
Ion Ratio Lower Upper
196 100
198 93.2 77.2 115.8
200 31.1 23.8 35.6



#43
1,1'-Biphenyl
Concen: 33.943 ng/ul
RT: 13.435 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:154 Resp: 364484
Ion Ratio Lower Upper
154 100
153 40.3 32.6 49.0
76 15.0 11.6 17.4

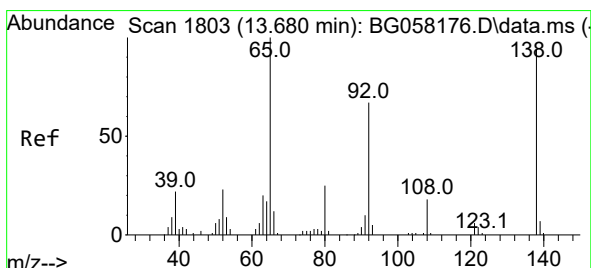
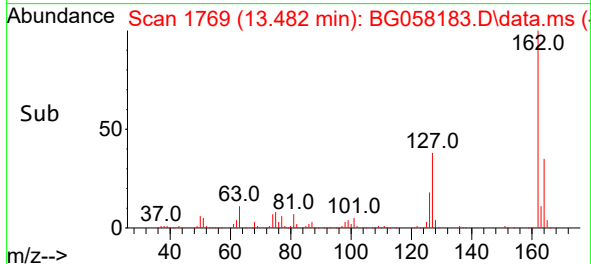
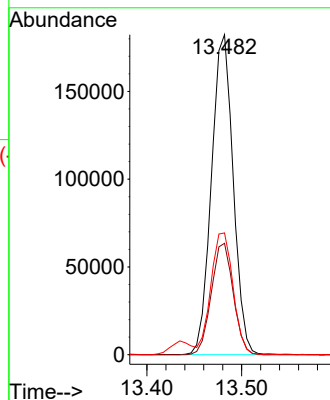
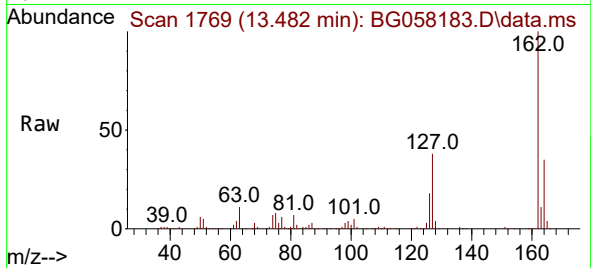




#44
2-Chloronaphthalene
Concen: 33.719 ng/ul
RT: 13.482 min Scan# 1769
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

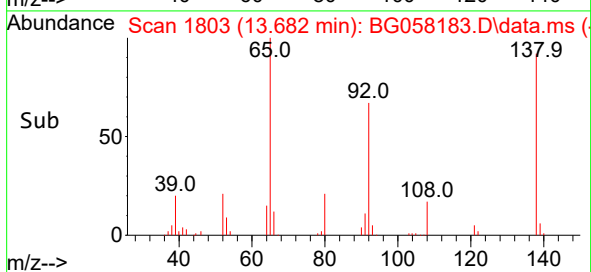
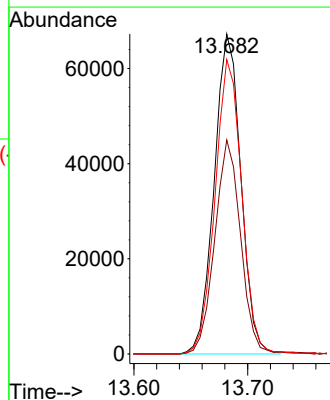
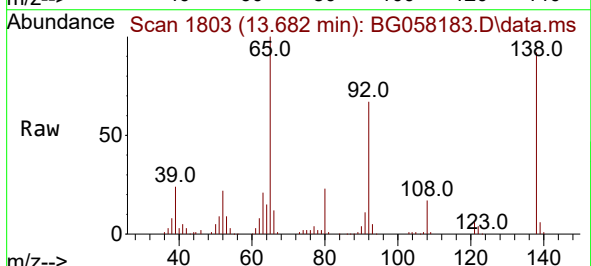
Instrument :
BNA_G
ClientSampleId :
HOA42MS

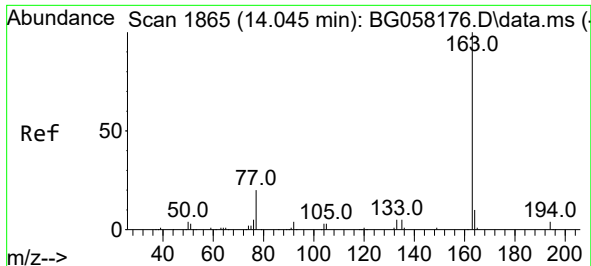
Tgt Ion:162 Resp: 290597
Ion Ratio Lower Upper
162 100
164 34.8 27.7 41.5
127 38.1 30.9 46.3



#45
2-Nitroaniline
Concen: 36.537 ng/ul
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion: 65 Resp: 109477
Ion Ratio Lower Upper
65 100
92 66.9 53.2 79.8
138 92.0 71.1 106.7

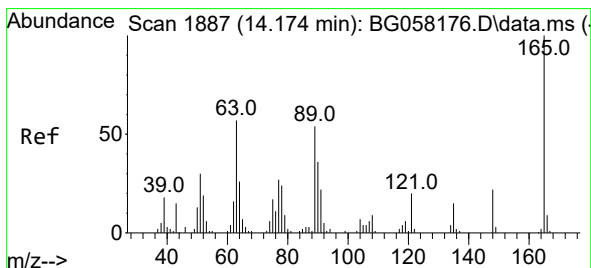
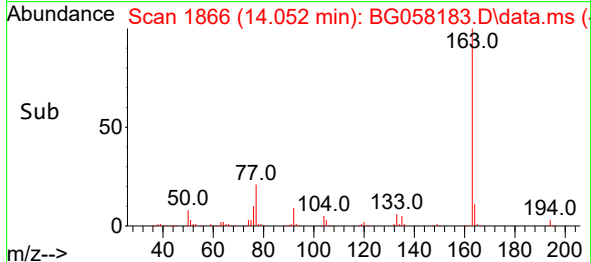
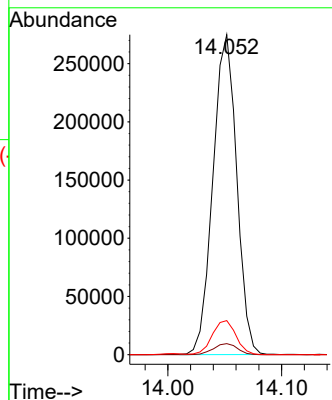
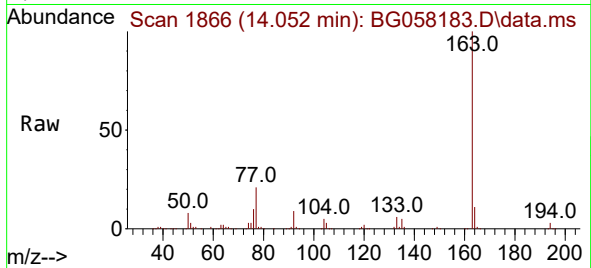




#47
Dimethylphthalate
Concen: 33.716 ng/ul
RT: 14.052 min Scan# 1866
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

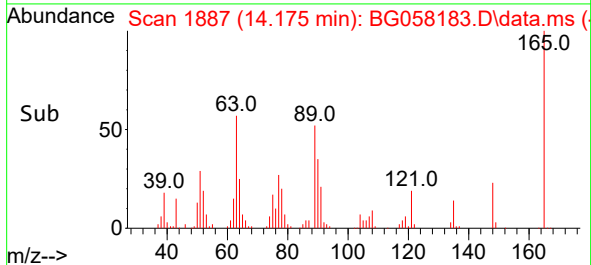
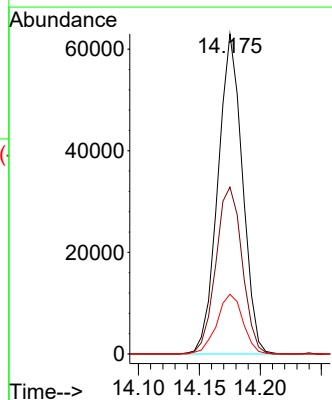
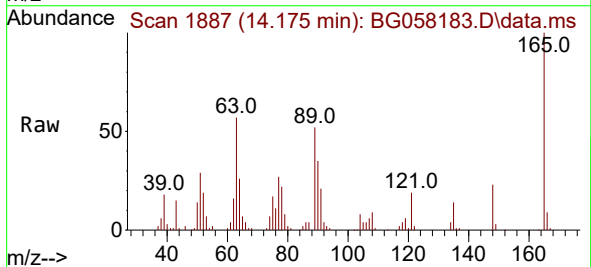
Instrument :
BNA_G
ClientSampleId :
HOA42MS

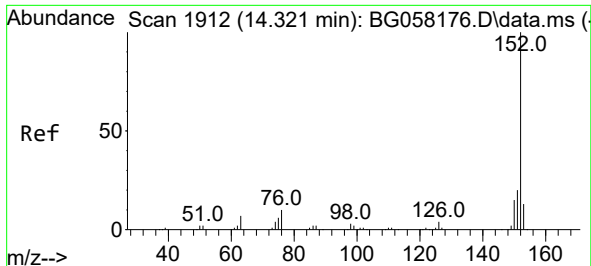
Tgt Ion:163 Resp: 398244
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 36.341 ng/ul
RT: 14.175 min Scan# 1887
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:165 Resp: 88110
Ion Ratio Lower Upper
165 100
89 52.1 42.7 64.1
121 18.7 14.8 22.2

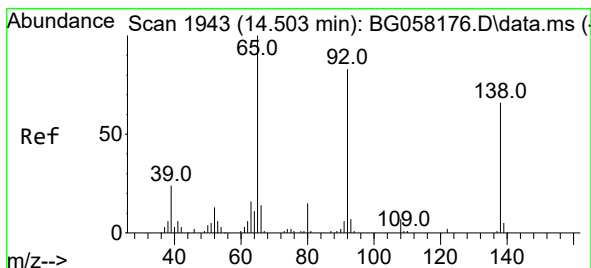
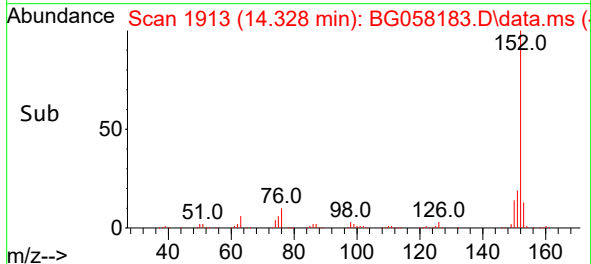
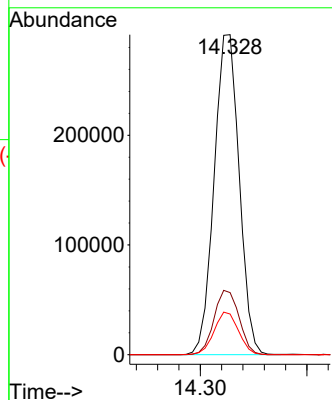
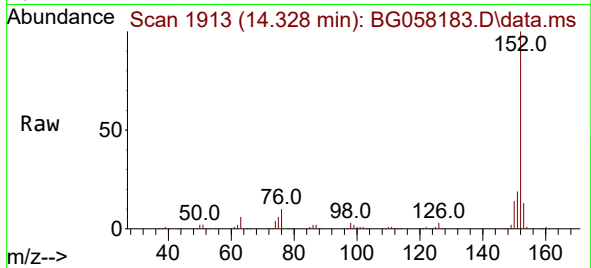




#50
Acenaphthylene
Concen: 34.300 ng/ul
RT: 14.328 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

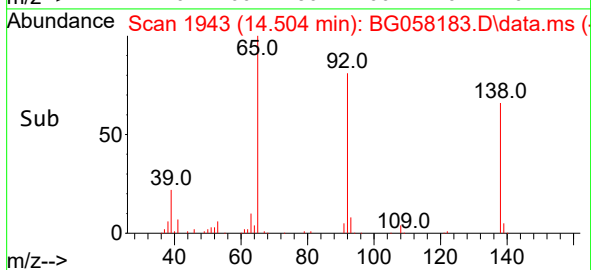
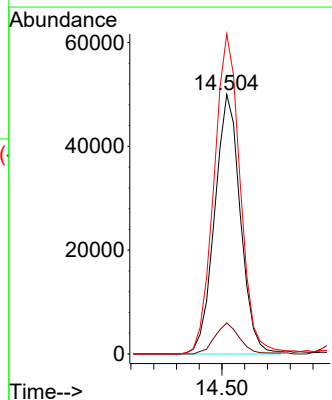
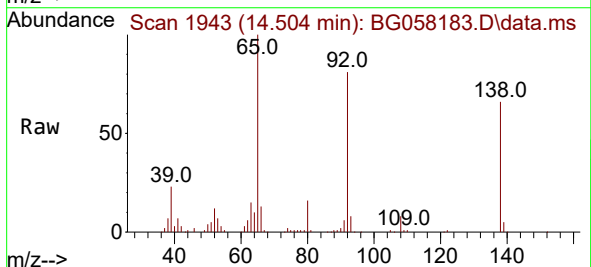
Instrument :
BNA_G
ClientSampleId :
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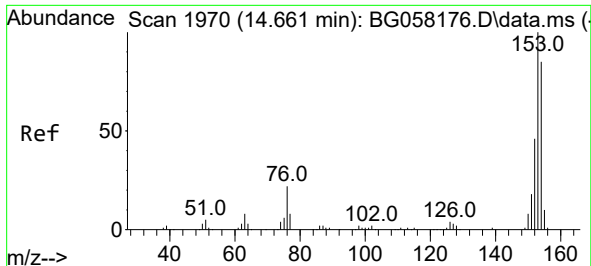
Tgt Ion:152 Resp: 475198
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 12.7 10.5 15.7



#51
3-Nitroaniline
Concen: 38.308 ng/ul
RT: 14.504 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:138 Resp: 78490
Ion Ratio Lower Upper
138 100
108 12.0 8.2 12.2
92 123.3 100.2 150.4

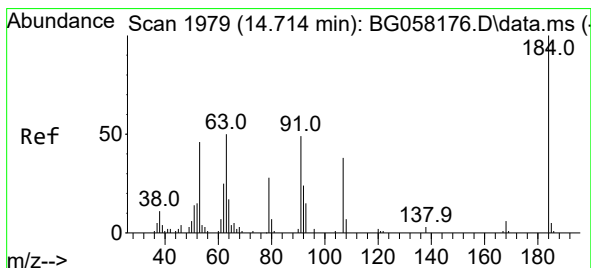
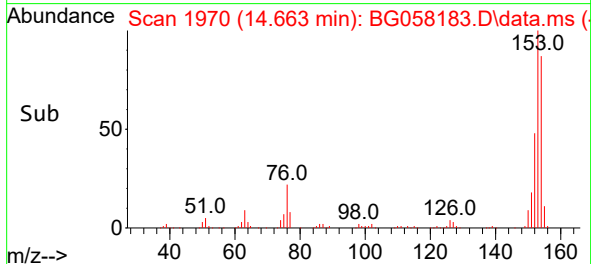
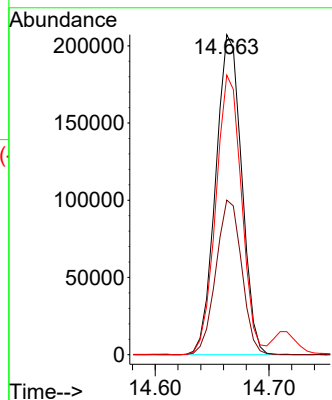
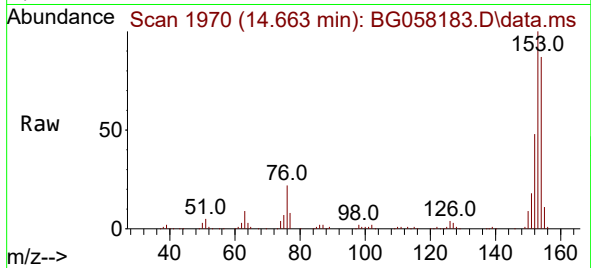




#52
Acenaphthene
Concen: 34.622 ng/ul
RT: 14.663 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

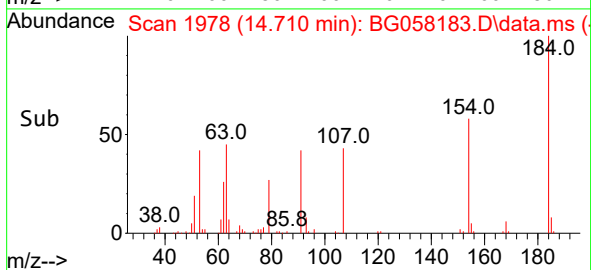
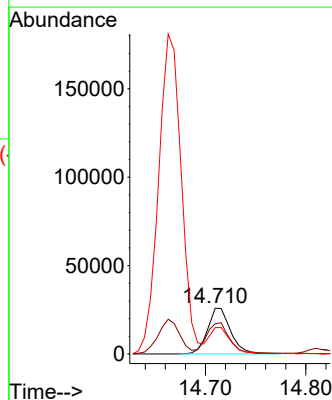
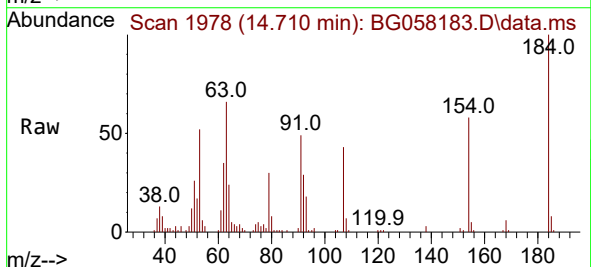
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BNA_G
ClientSampleId :
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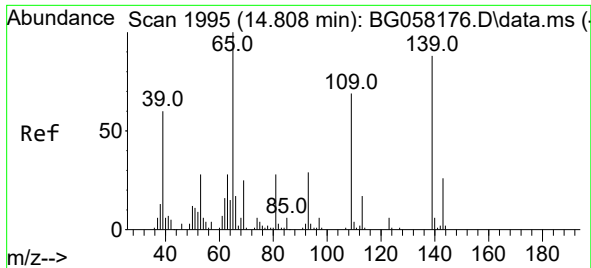
Tgt Ion:153 Resp: 329141
Ion Ratio Lower Upper
153 100
152 48.3 36.5 54.7
154 87.4 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 32.937 ng/ul
RT: 14.710 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:184 Resp: 41633
Ion Ratio Lower Upper
184 100
63 66.2 51.1 76.7
154 57.8 43.3 64.9

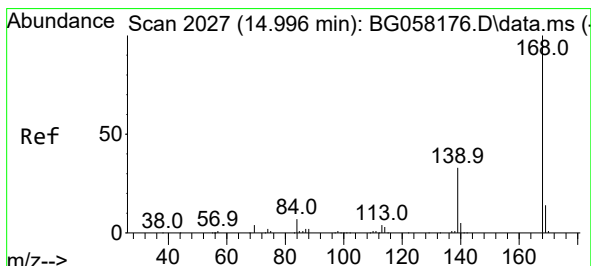
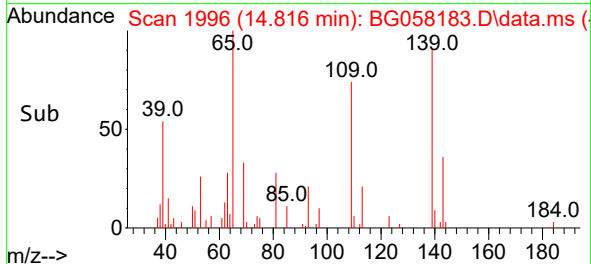
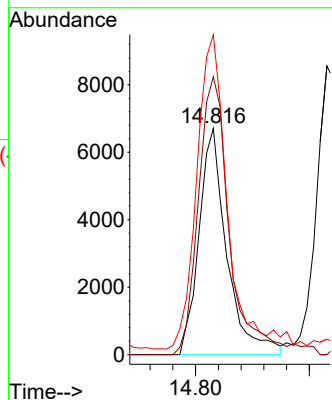
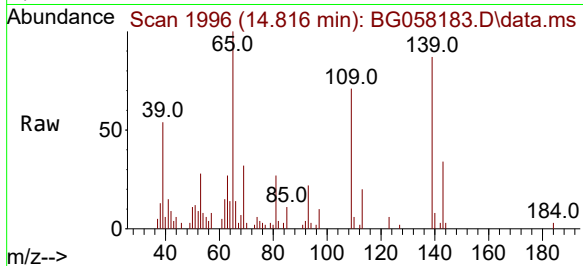




#55
4-Nitrophenol
Concen: 7.399 ng/ul
RT: 14.816 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

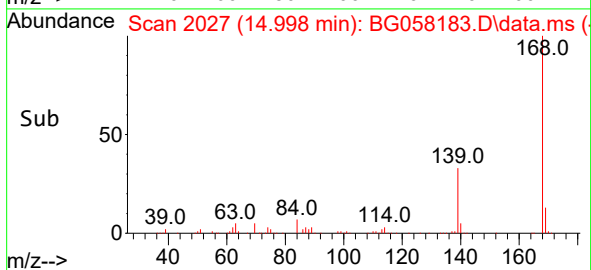
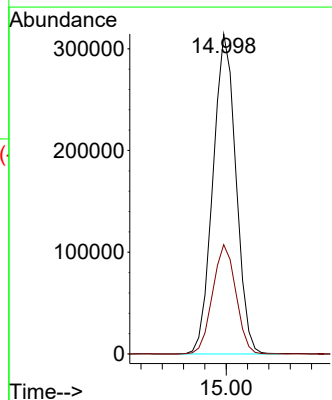
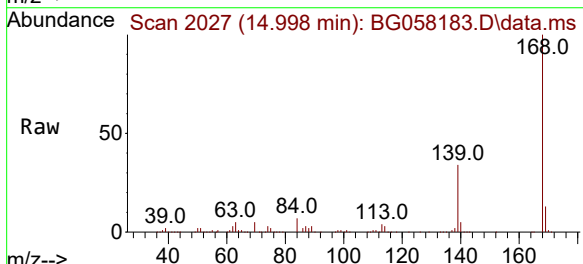
Instrument :
BNA_G
ClientSampleId :
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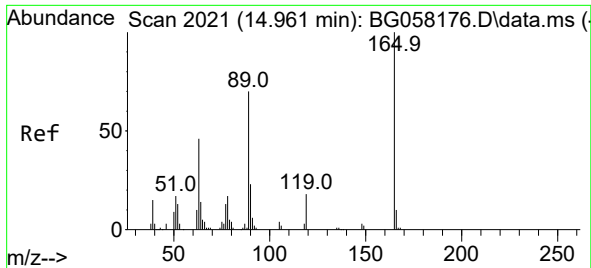
Tgt Ion:109 Resp: 11386
Ion Ratio Lower Upper
109 100
139 122.8 119.0 178.4
65 141.4 135.5 203.3



#56
Dibenzofuran
Concen: 34.866 ng/ul
RT: 14.998 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:168 Resp: 471186
Ion Ratio Lower Upper
168 100
139 34.2 27.6 41.4

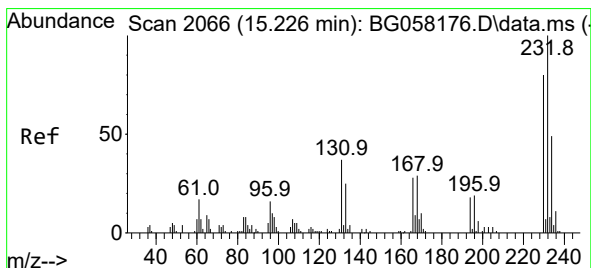
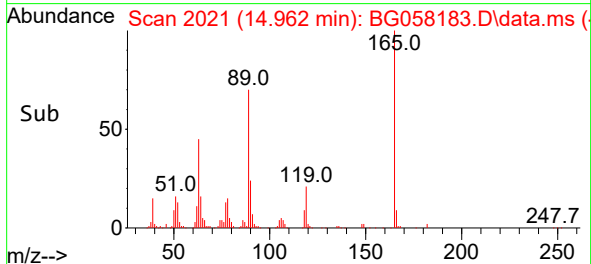
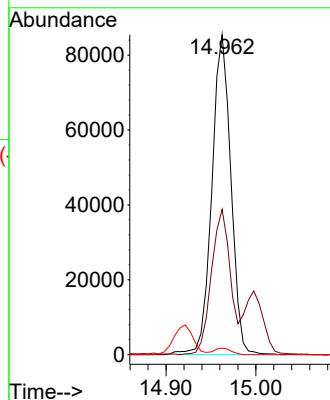
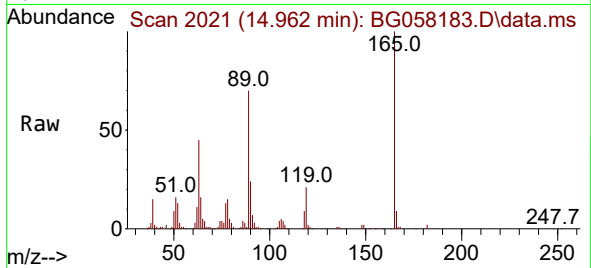




#57
2,4-Dinitrotoluene
Concen: 36.423 ng/ul
RT: 14.962 min Scan# 2021
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

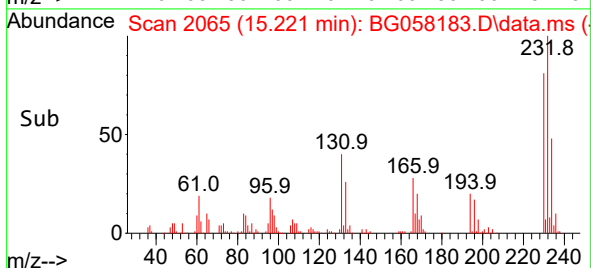
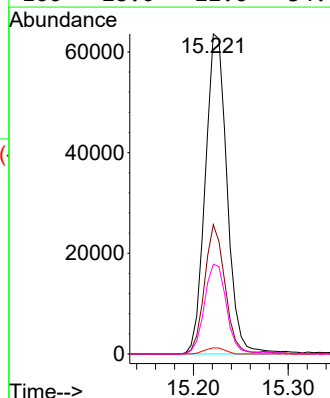
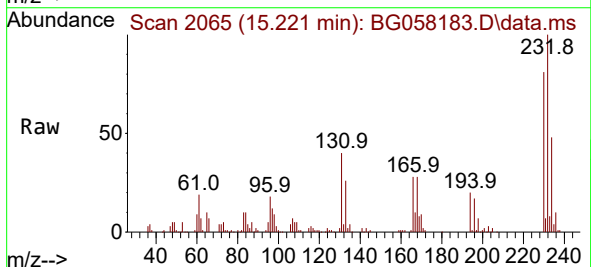
Instrument :
BNA_G
ClientSampleId :
HOA42MS

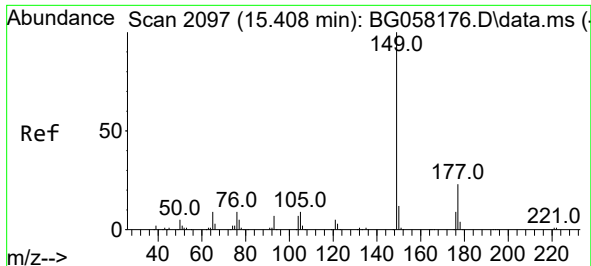
Tgt Ion:165 Resp: 125118
Ion Ratio Lower Upper
165 100
63 45.4 35.8 53.8
182 2.0 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.428 ng/ul
RT: 15.221 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:232 Resp: 101288
Ion Ratio Lower Upper
232 100
131 40.4 30.5 45.7
130 1.9 1.4 2.0
166 28.0 22.6 34.0

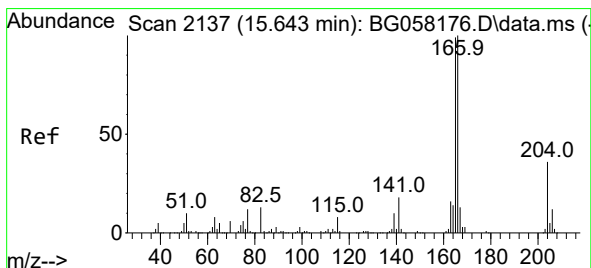
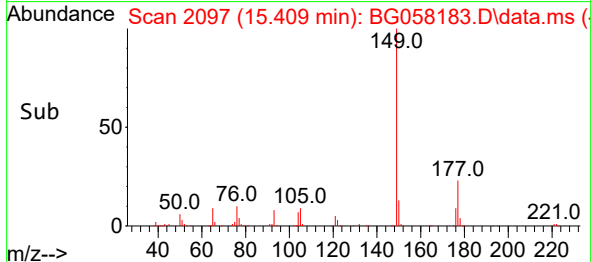
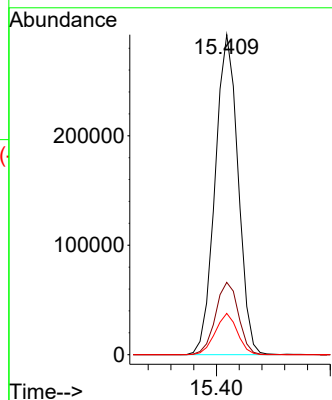
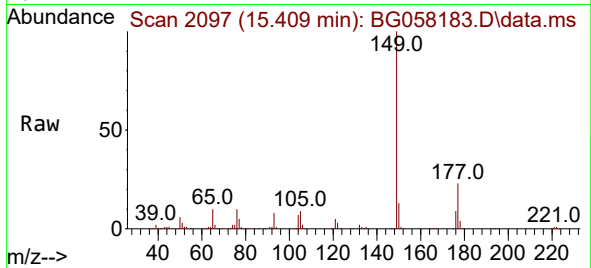




#59
Diethylphthalate
Concen: 33.276 ng/ul
RT: 15.409 min Scan# 2097
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

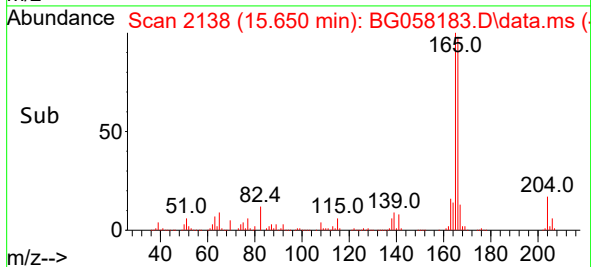
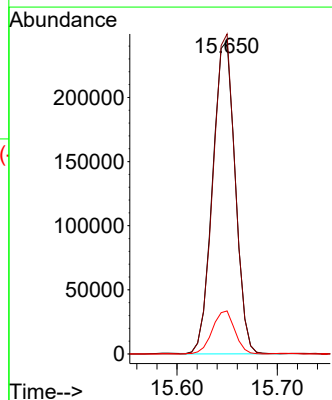
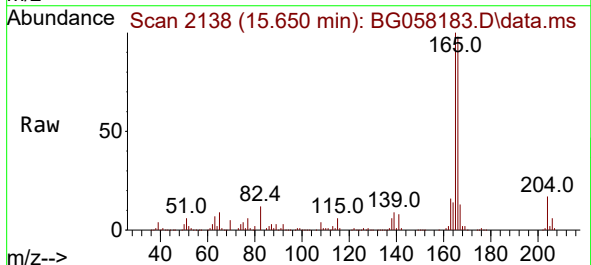
Instrument :
BNA_G
ClientSampleId :
HOA42MS

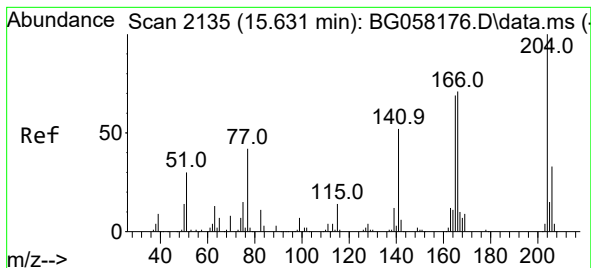
Tgt Ion:149 Resp: 410238
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.9 10.1 15.1



#61
Fluorene
Concen: 34.339 ng/ul
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:166 Resp: 380758
Ion Ratio Lower Upper
166 100
165 102.2 79.1 118.7
167 13.8 10.7 16.1

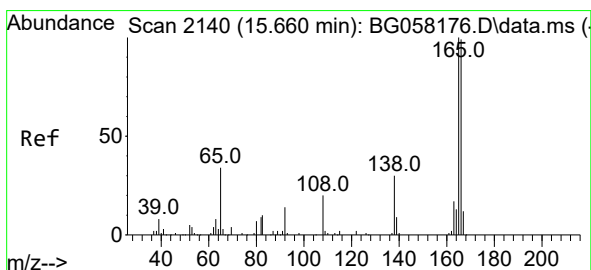
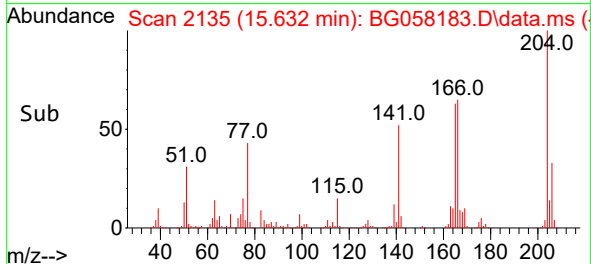
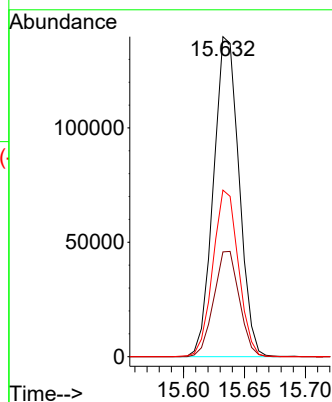
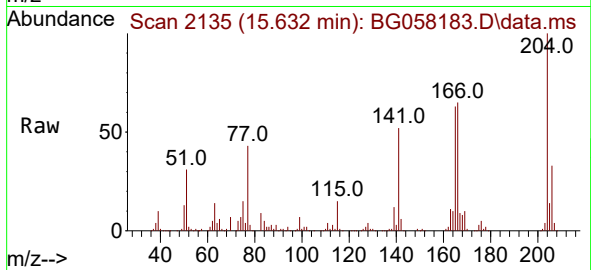




#62
4-Chlorophenyl-phenylether
Concen: 34.792 ng/ul
RT: 15.632 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

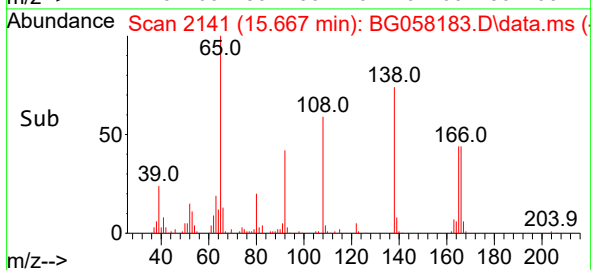
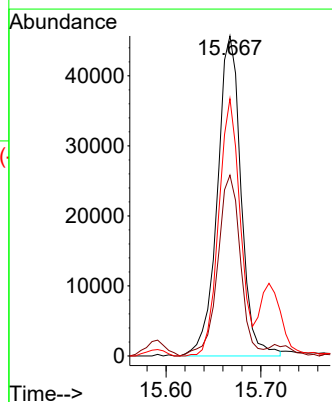
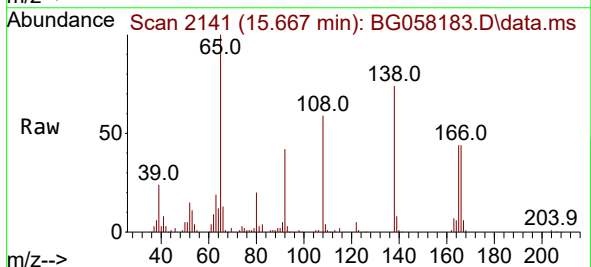
Instrument :
BNA_G
ClientSampleId :
HOA42MS

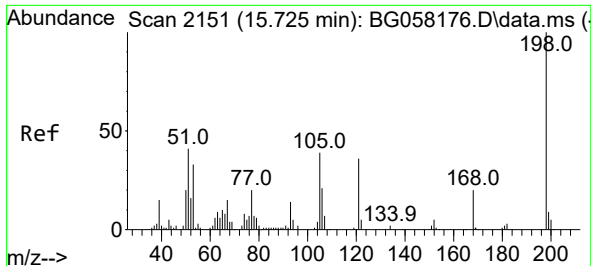
Tgt Ion:204 Resp: 204132
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 52.0 41.8 62.6



#63
4-Nitroaniline
Concen: 43.241 ng/ul
RT: 15.667 min Scan# 2141
Delta R.T. 0.007 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:138 Resp: 79368
Ion Ratio Lower Upper
138 100
92 56.5 43.8 65.8
108 80.4 58.8 88.2

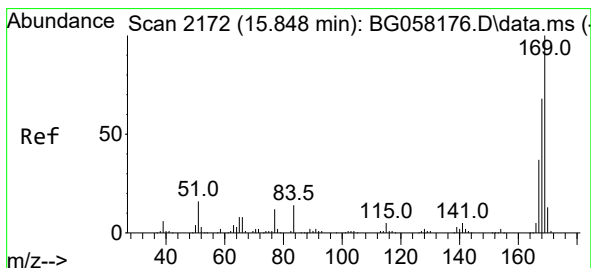
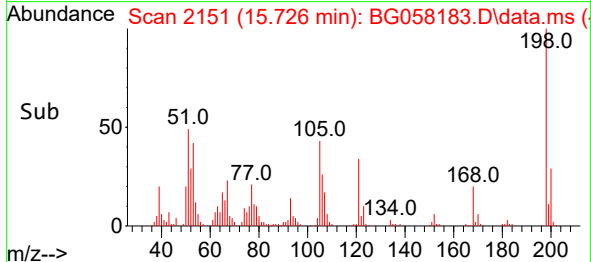
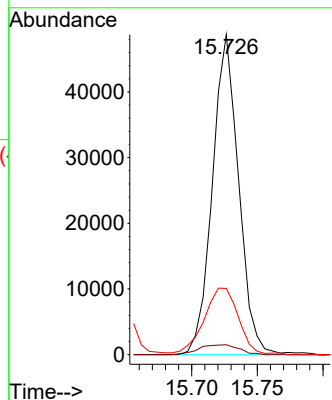
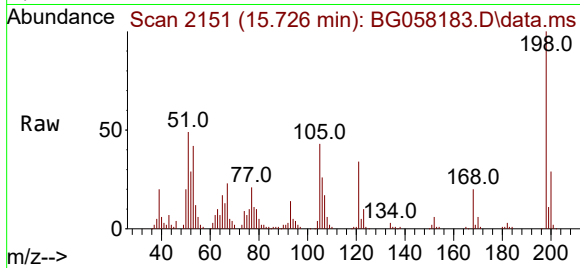




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.159 ng/ul
 RT: 15.726 min Scan# 2151
 Delta R.T. 0.007 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

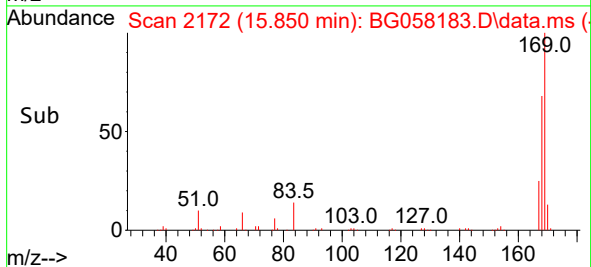
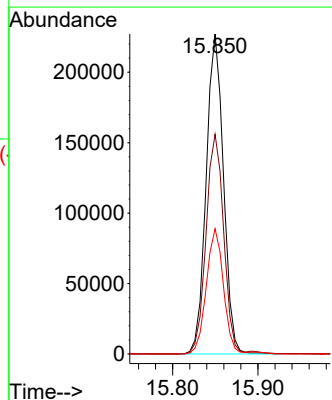
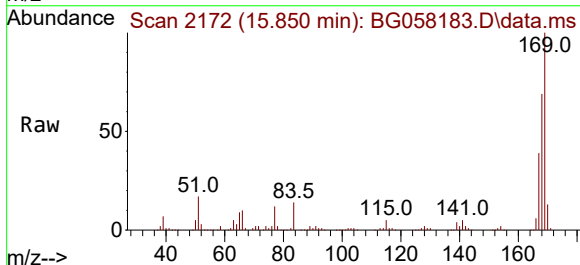
Instrument :
 BNA_G
 ClientSampleId :
 HOA42MS

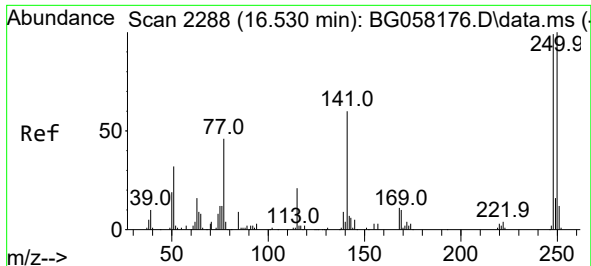
Tgt Ion:198 Resp: 67548
 Ion Ratio Lower Upper
 198 100
 182 3.1 3.1 4.7#
 77 20.7 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 35.791 ng/ul
 RT: 15.850 min Scan# 2172
 Delta R.T. 0.001 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

Tgt Ion:169 Resp: 320441
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.2 81.2
 167 39.1 30.8 46.2

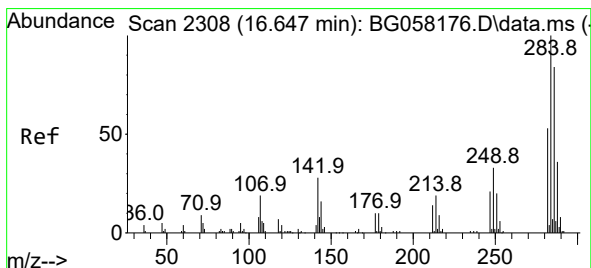
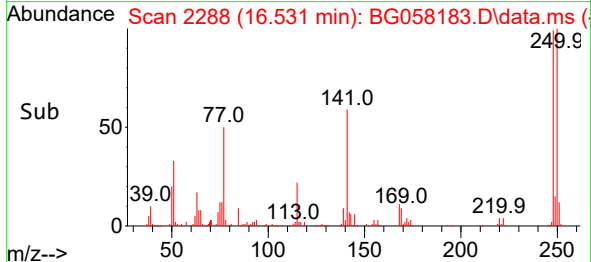
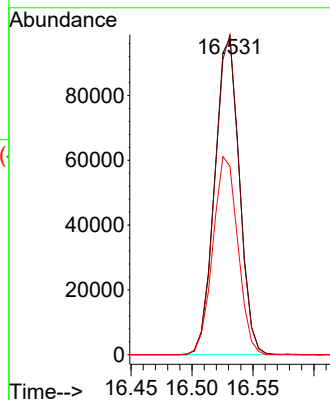
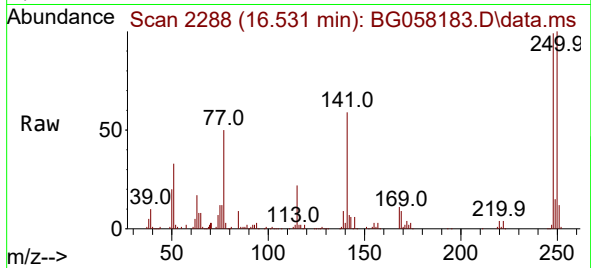




#68
4-Bromophenyl-phenylether
Concen: 37.377 ng/ul
RT: 16.531 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

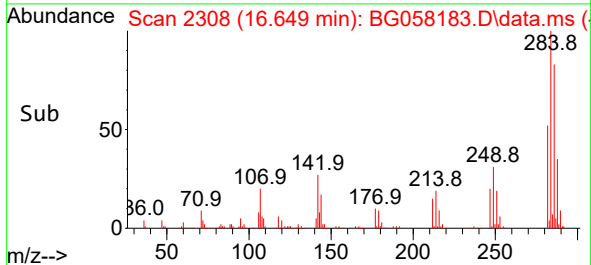
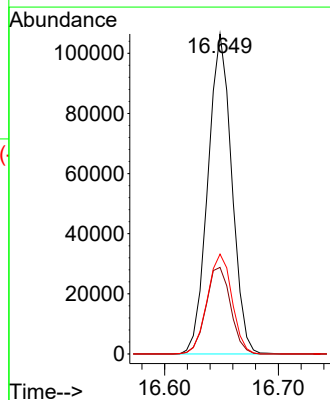
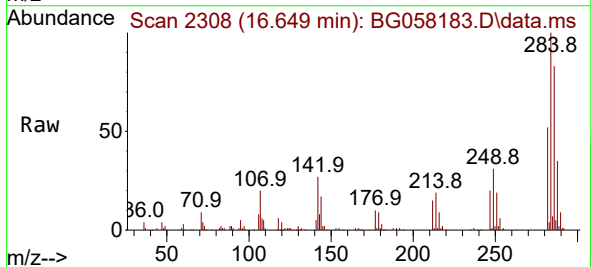
Instrument :
BNA_G
ClientSampleId :
HOA42MS

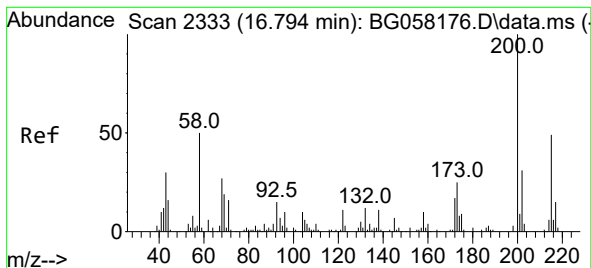
Tgt Ion:248 Resp: 138025
Ion Ratio Lower Upper
248 100
250 101.0 78.3 117.5
141 59.5 49.1 73.7



#69
Hexachlorobenzene
Concen: 37.513 ng/ul
RT: 16.649 min Scan# 2308
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:284 Resp: 155093
Ion Ratio Lower Upper
284 100
142 27.1 21.9 32.9
249 31.2 25.0 37.6





#70

Atrazine

Concen: 24.597 ng/ul

RT: 16.796 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

Instrument :

BNA_G

ClientSampleId :

HOA42MS

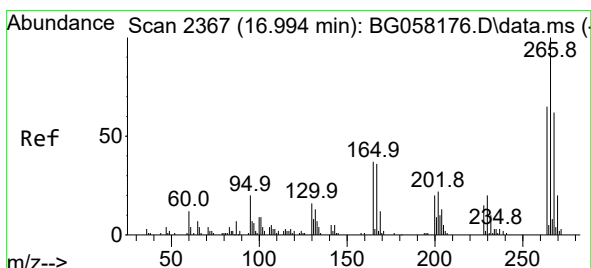
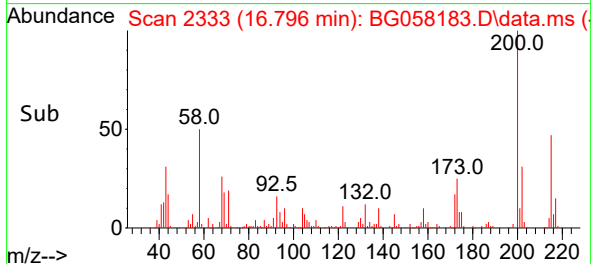
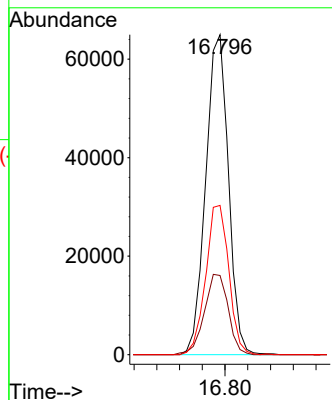
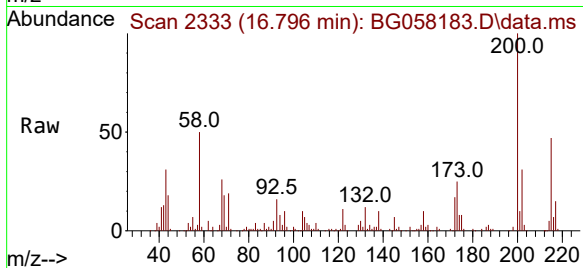
Tgt Ion:200 Resp: 90054

Ion Ratio Lower Upper

200 100

173 24.8 20.0 30.0

215 46.6 35.8 53.8



#71

Pentachlorophenol

Concen: 32.684 ng/ul

RT: 16.995 min Scan# 2367

Delta R.T. 0.001 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

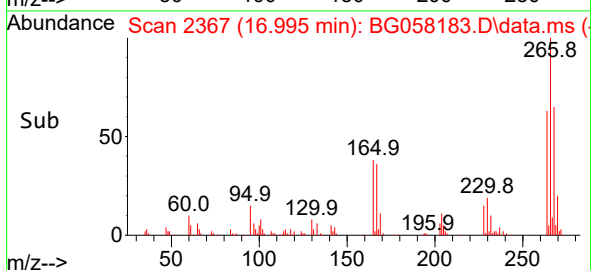
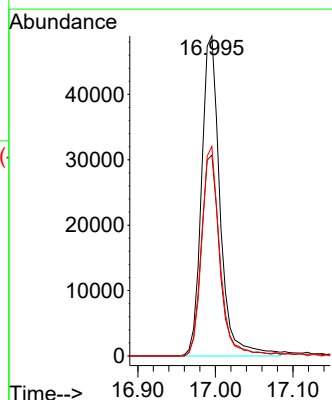
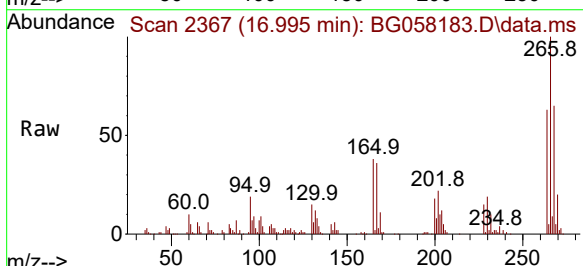
Tgt Ion:266 Resp: 81124

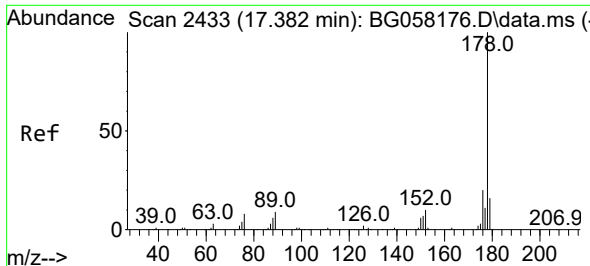
Ion Ratio Lower Upper

266 100

264 62.8 51.5 77.3

268 65.5 49.0 73.4

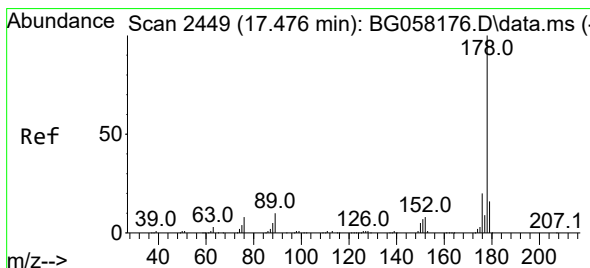
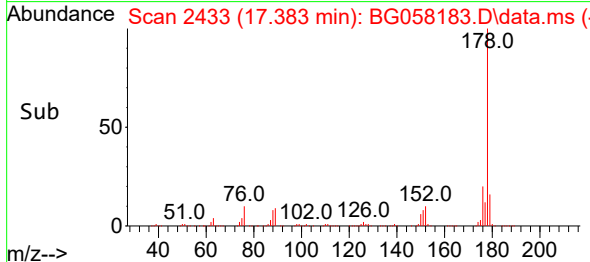
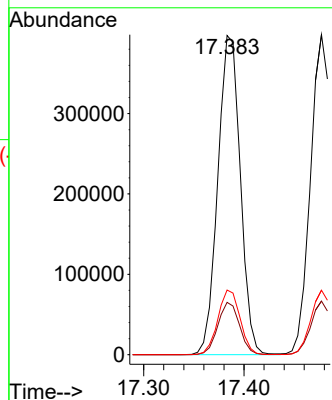
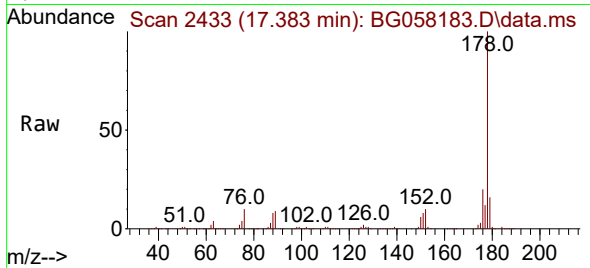




#72
Phenanthrene
Concen: 36.130 ng/ul
RT: 17.383 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

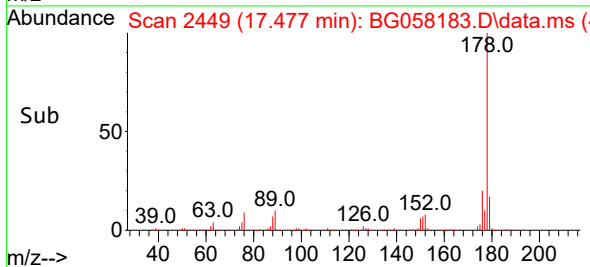
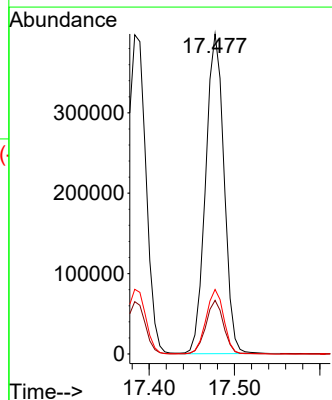
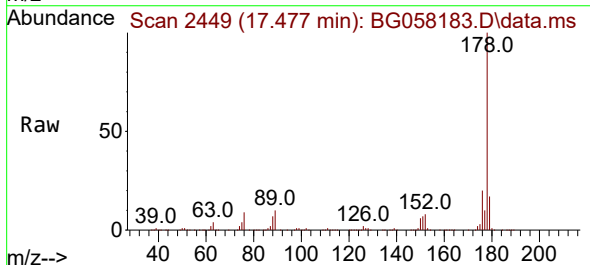
Instrument :
BNA_G
ClientSampleId :
HOA42MS

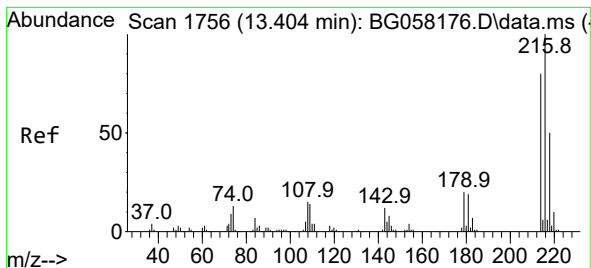
Tgt Ion:178 Resp: 618260
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 20.3 15.7 23.5



#74
Anthracene
Concen: 34.443 ng/ul
RT: 17.477 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:178 Resp: 596438
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.1 15.4 23.2

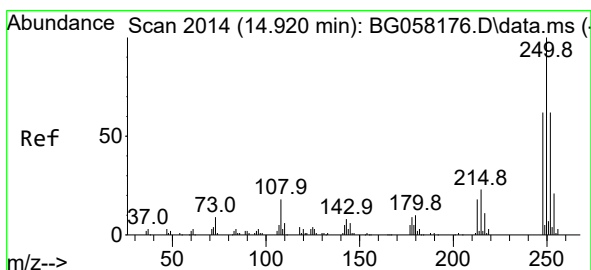
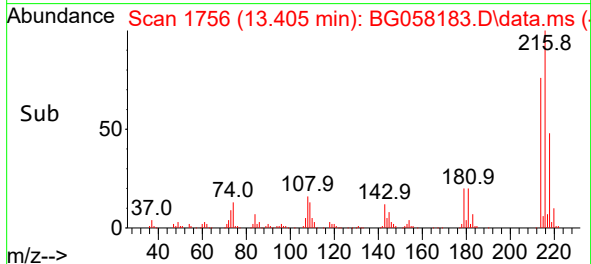
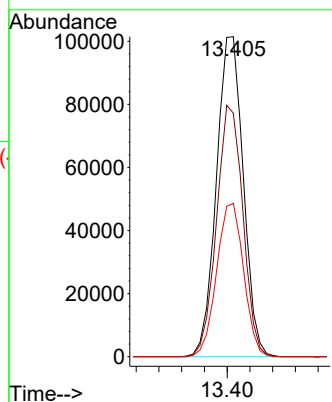
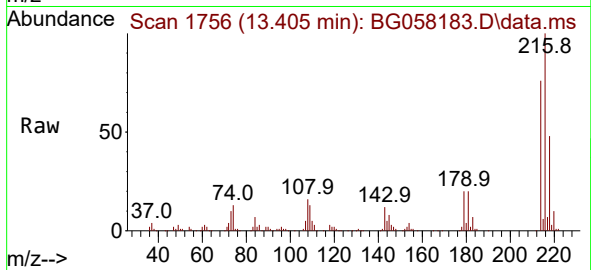




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.380 ng/uL
RT: 13.405 min Scan# 1756
Delta R.T. 0.007 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

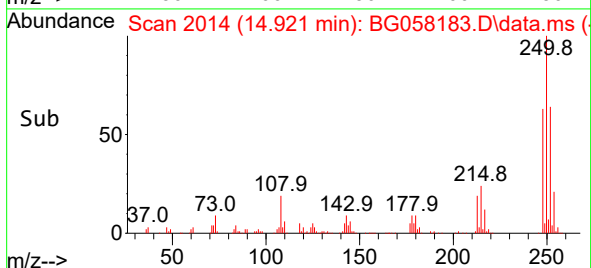
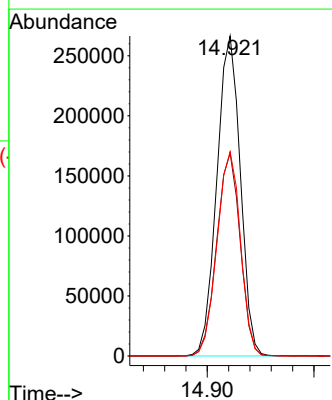
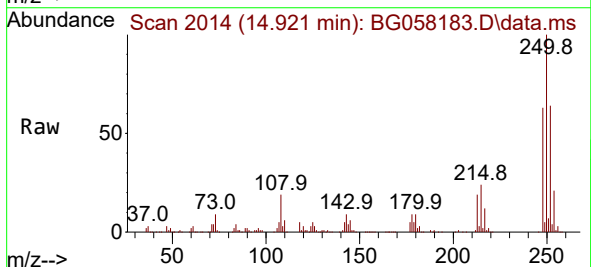
Instrument :
BNA_G
ClientSampleId :
HOA42MS

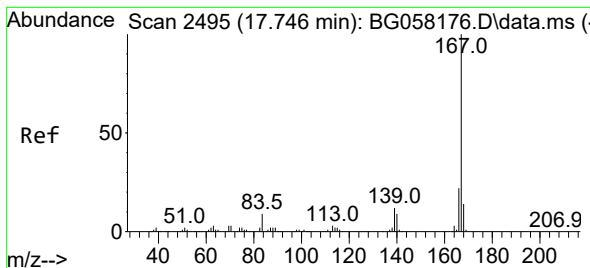
Tgt Ion:216 Resp: 166773
Ion Ratio Lower Upper
216 100
214 76.1 64.8 97.2
218 47.9 39.1 58.7



#76
Pentachlorobenzene
Concen: 85.529 ng/uL
RT: 14.921 min Scan# 2014
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:250 Resp: 407544
Ion Ratio Lower Upper
250 100
248 63.4 52.8 79.2
252 63.9 52.4 78.6





#77

Carbazole

Concen: 36.385 ng/ul

RT: 17.747 min Scan# 2495

Delta R.T. 0.001 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

Instrument :

BNA_G

ClientSampleId :

HOA42MS

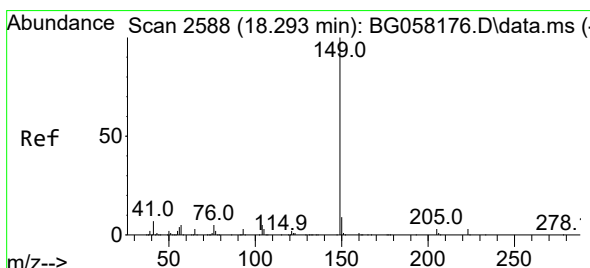
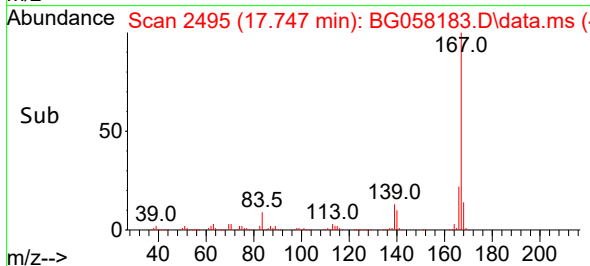
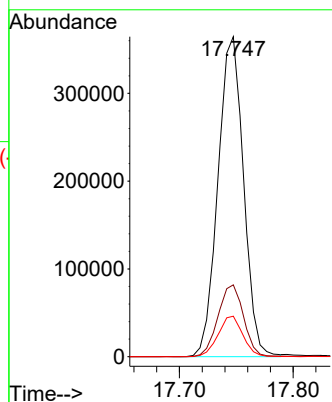
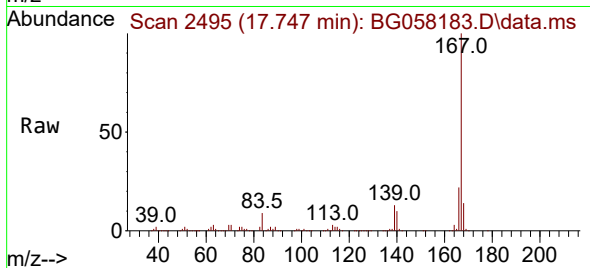
Tgt Ion:167 Resp: 569842

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

139 12.6 9.5 14.3



#78

Di-n-butylphthalate

Concen: 36.202 ng/ul

RT: 18.294 min Scan# 2588

Delta R.T. -0.005 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

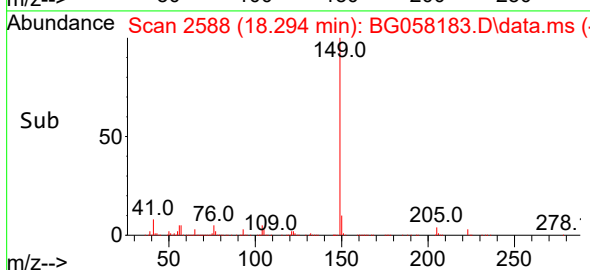
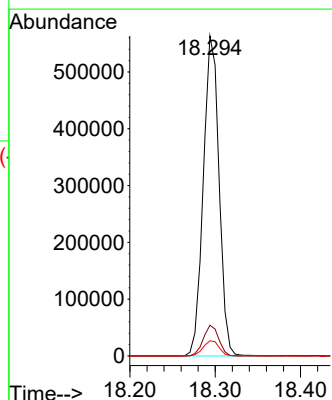
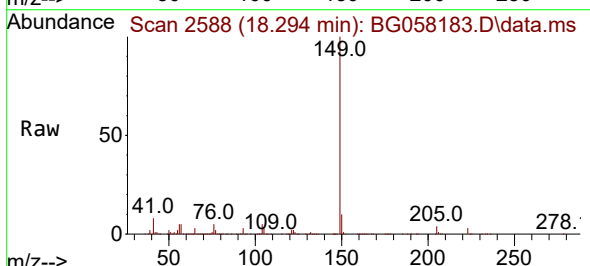
Tgt Ion:149 Resp: 722224

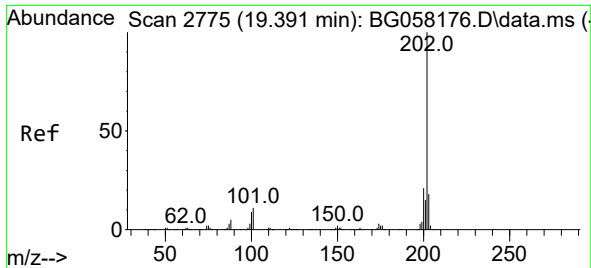
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 4.8 3.9 5.9

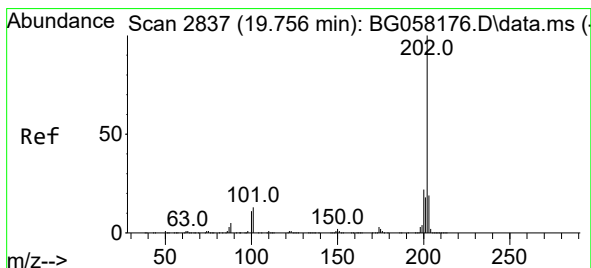
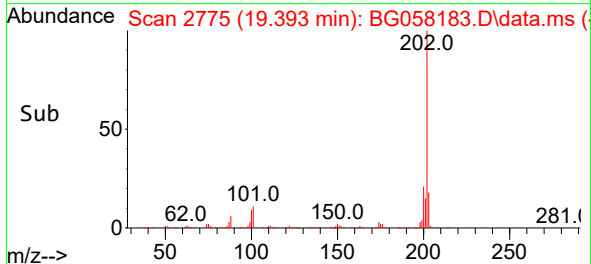
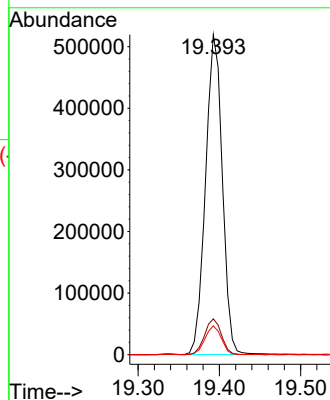
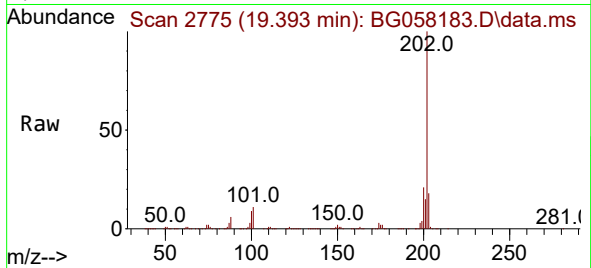




#80
Fluoranthene
Concen: 35.729 ng/ul
RT: 19.393 min Scan# 2775
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

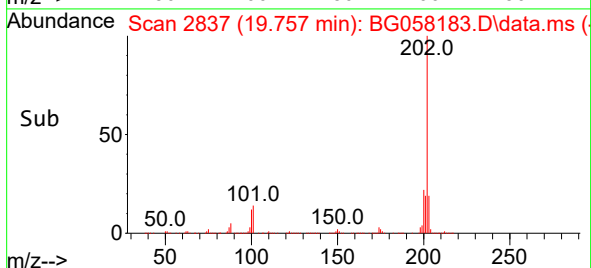
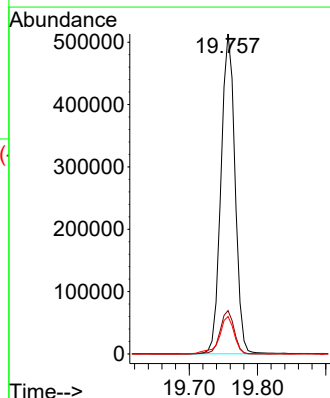
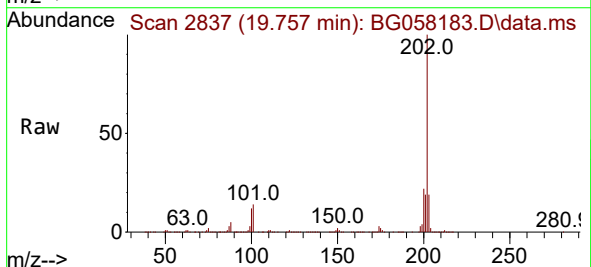
Instrument :
BNA_G
ClientSampleId :
HOA42MS

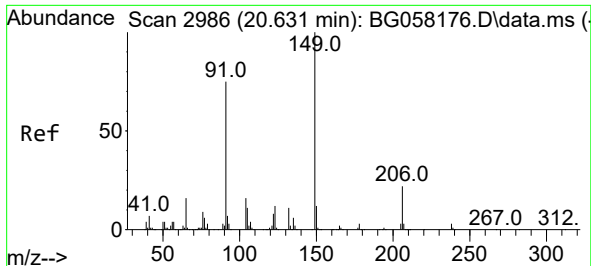
Tgt Ion:202 Resp: 744436
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 9.0 7.1 10.7



#82
Pyrene
Concen: 35.031 ng/ul
RT: 19.757 min Scan# 2837
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:202 Resp: 734724
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.2
100 11.7 8.9 13.3

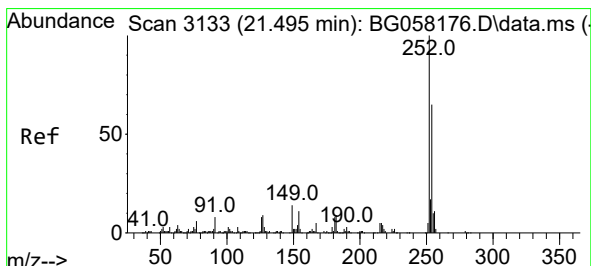
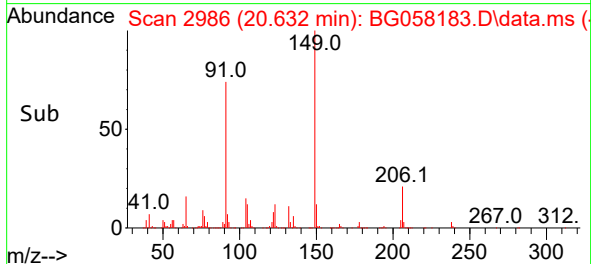
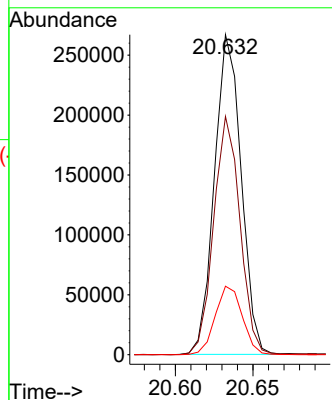
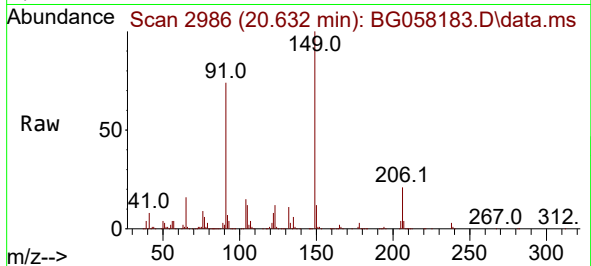




#83
Butylbenzylphthalate
Concen: 37.596 ng/ul
RT: 20.632 min Scan# 2986
Delta R.T. -0.005 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

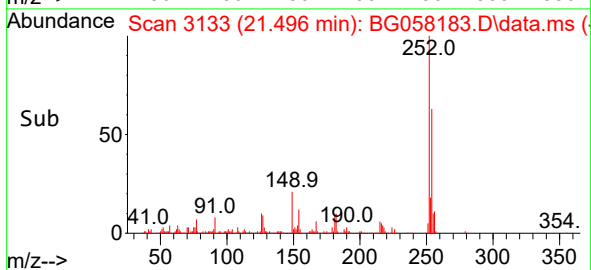
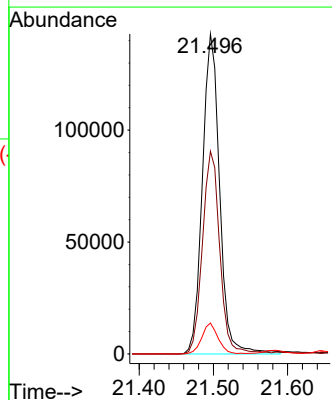
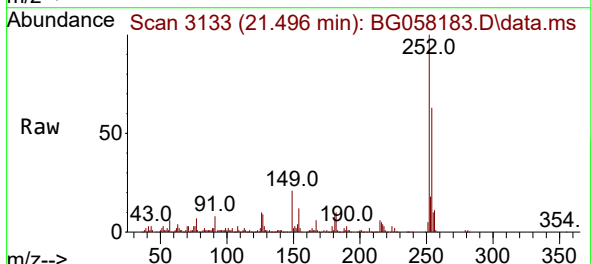
Instrument :
BNA_G
ClientSampleId :
HOA42MS

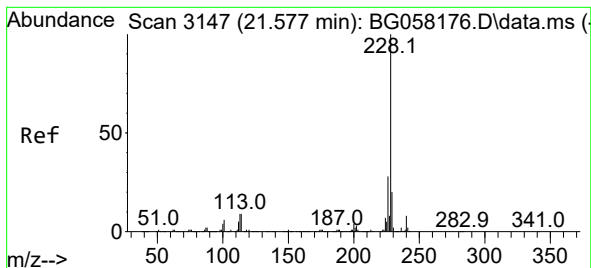
Tgt Ion:149 Resp: 319752
Ion Ratio Lower Upper
149 100
91 74.5 56.5 84.7
206 21.4 17.4 26.0



#84
3,3'-Dichlorobenzidine
Concen: 33.411 ng/ul
RT: 21.496 min Scan# 3133
Delta R.T. 0.001 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:252 Resp: 230932
Ion Ratio Lower Upper
252 100
254 63.4 50.7 76.1
126 9.6 6.6 10.0





#85

Benzo(a)anthracene

Concen: 36.470 ng/ul

RT: 21.584 min Scan# 3147

Delta R.T. 0.007 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

Instrument :

BNA_G

ClientSampleId :

HOA42MS

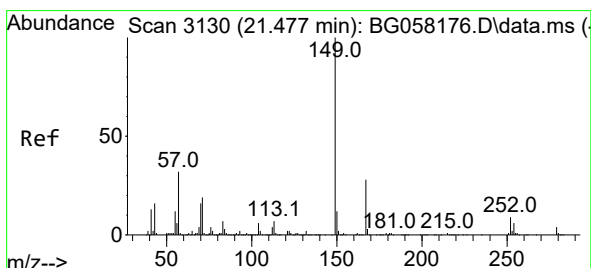
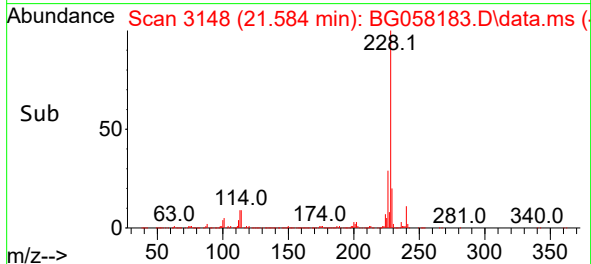
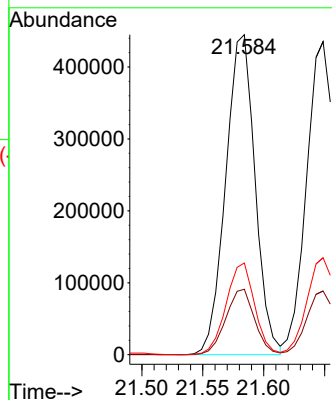
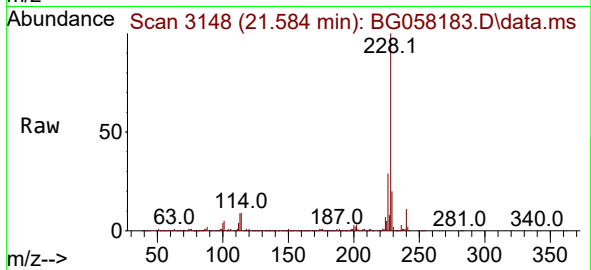
Tgt Ion:228 Resp: 747636

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

226 28.6 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.332 ng/ul

RT: 21.478 min Scan# 3130

Delta R.T. 0.001 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

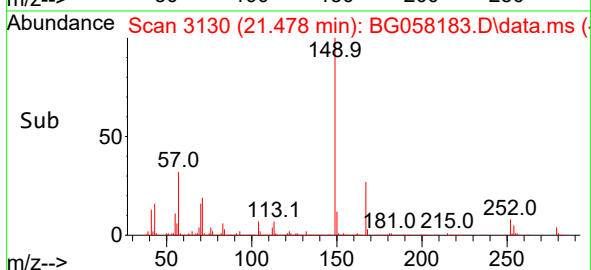
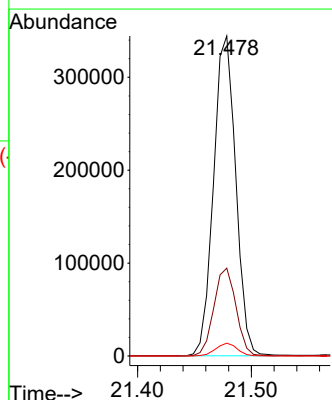
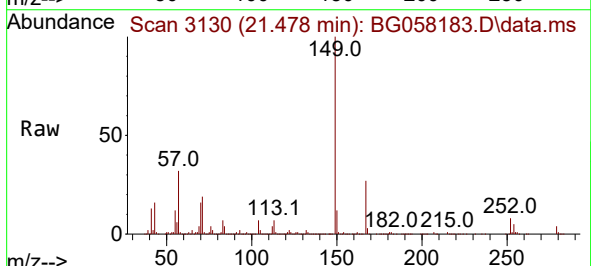
Tgt Ion:149 Resp: 467183

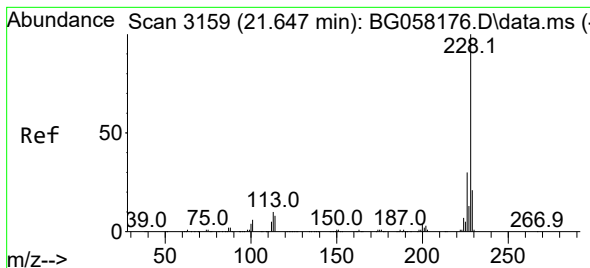
Ion Ratio Lower Upper

149 100

167 27.5 20.9 31.3

279 4.0 3.1 4.7





#87

Chrysene

Concen: 37.284 ng/ul

RT: 21.649 min Scan# 3159

Delta R.T. 0.001 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

Instrument :

BNA_G

ClientSampleId :

HOA42MS

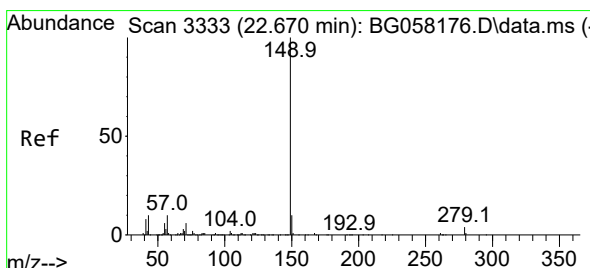
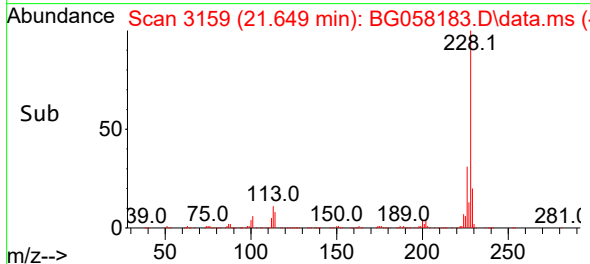
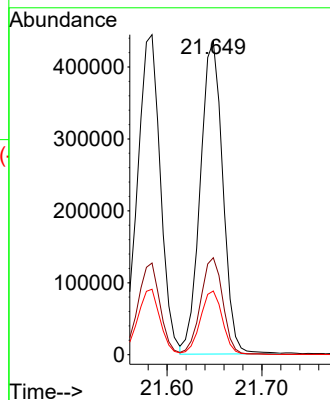
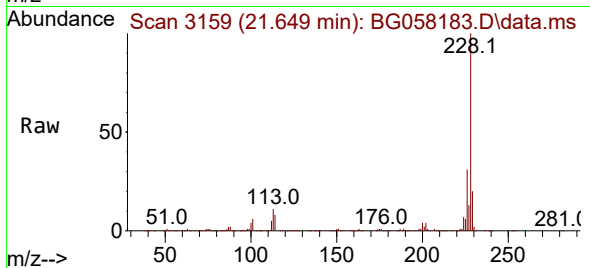
Tgt Ion:228 Resp: 716493

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.3 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 38.208 ng/ul

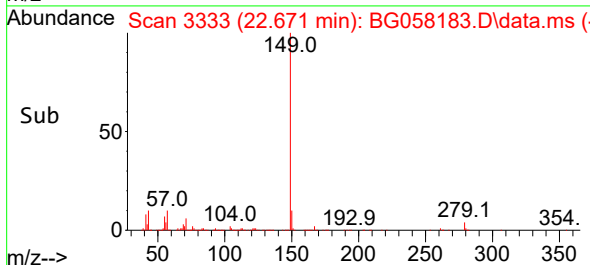
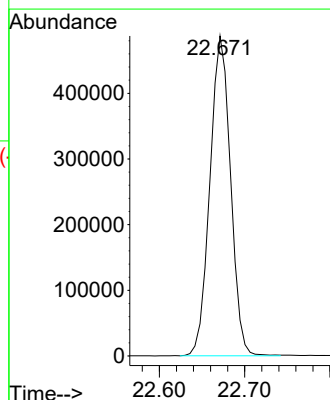
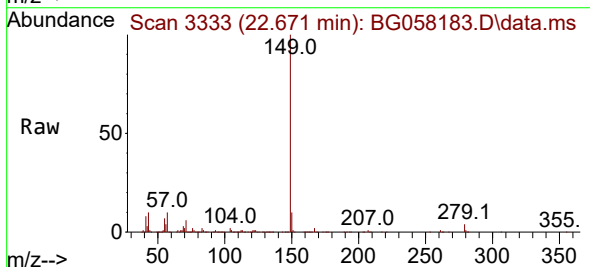
RT: 22.671 min Scan# 3333

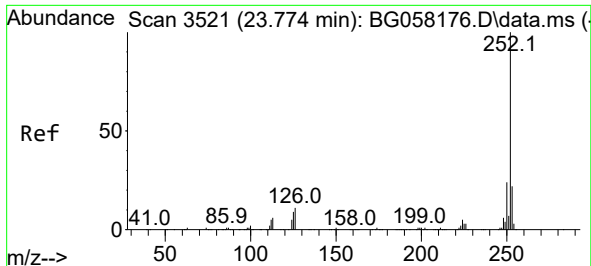
Delta R.T. -0.005 min

Lab File: BG058183.D

Acq: 12 Jul 2023 12:23

Tgt Ion:149 Resp: 818354

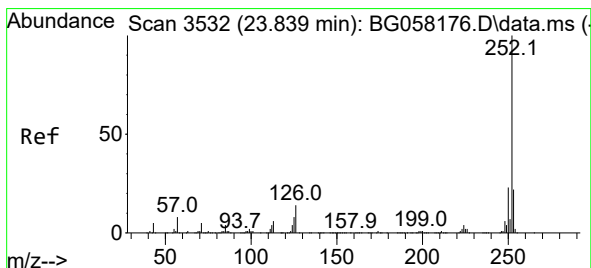
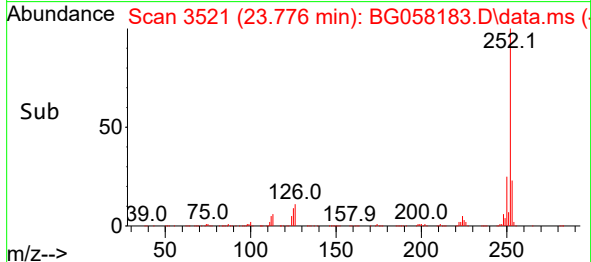
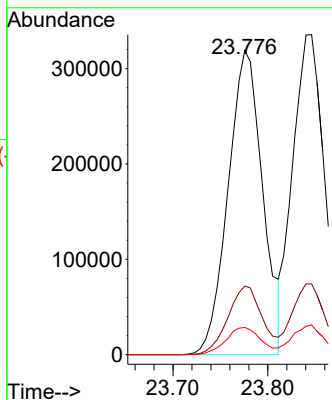
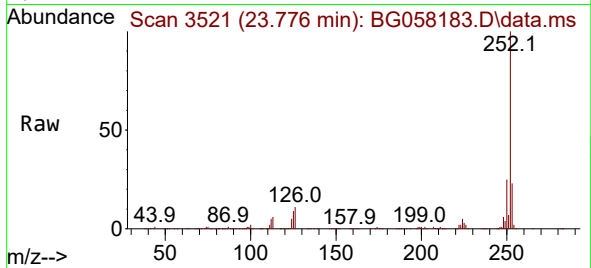




#90
Benzo(b)fluoranthene
Concen: 37.476 ng/ul
RT: 23.776 min Scan# 3521
Delta R.T. 0.007 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

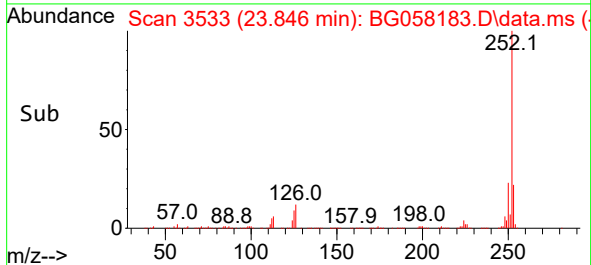
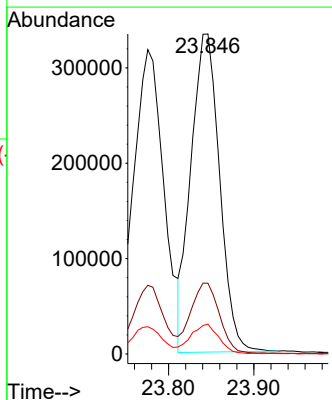
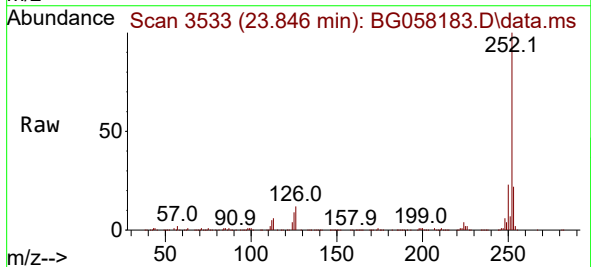
Instrument :
BNA_G
ClientSampleId :
HOA42MS

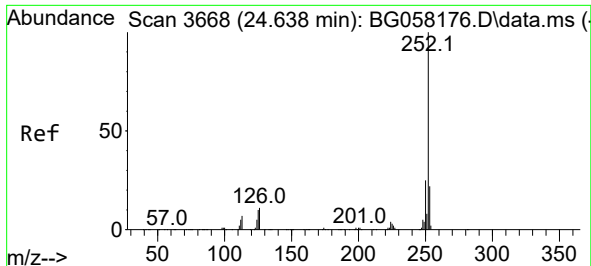
Tgt Ion:252 Resp: 808883
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.0 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 36.824 ng/ul
RT: 23.846 min Scan# 3533
Delta R.T. 0.007 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:252 Resp: 779060
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.3 7.4 11.2

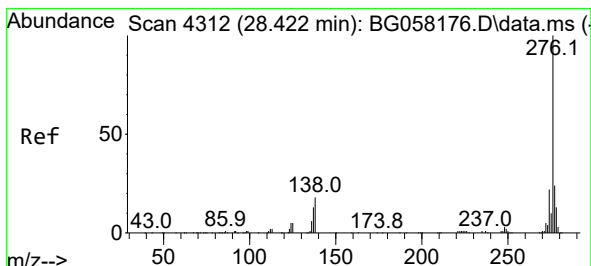
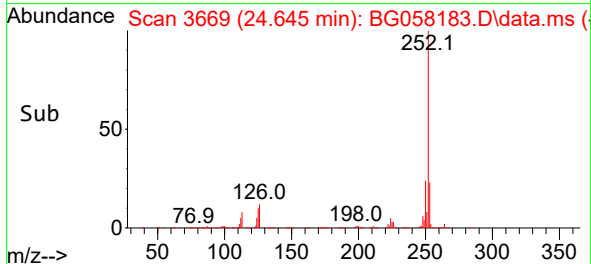
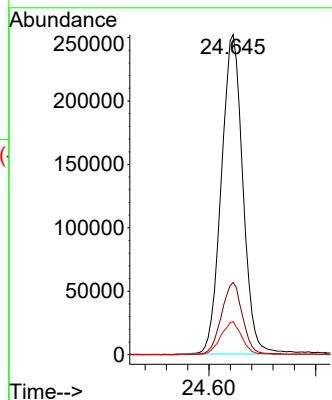
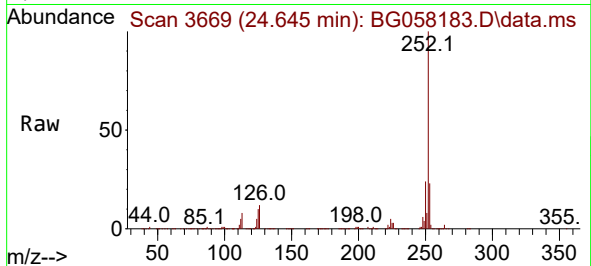




#93
Benzo(a)pyrene
Concen: 36.854 ng/ul
RT: 24.645 min Scan# 3669
Delta R.T. 0.007 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

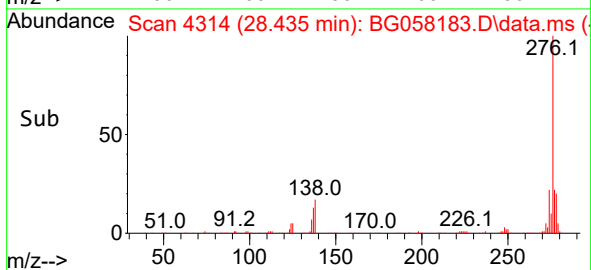
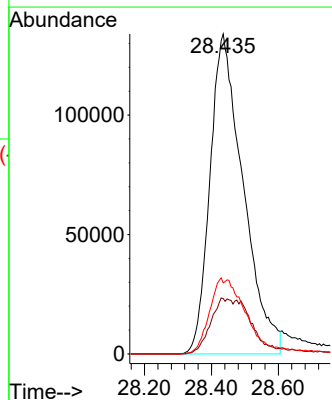
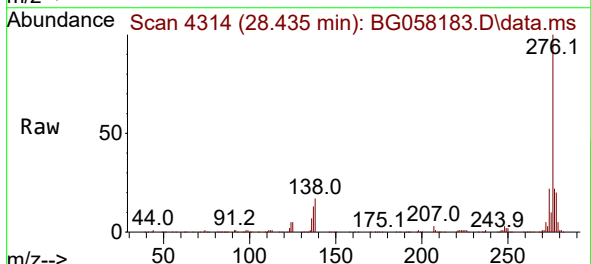
Instrument :
BNA_G
ClientSampleId :
HOA42MS

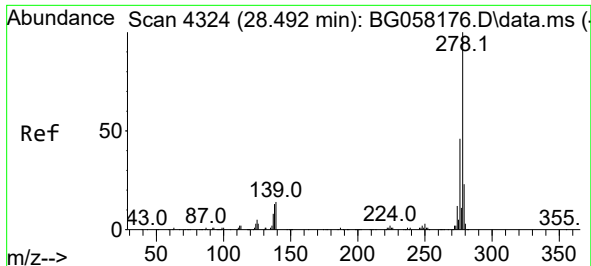
Tgt Ion:252 Resp: 704072
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.3 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 36.310 ng/ul
RT: 28.435 min Scan# 4314
Delta R.T. 0.013 min
Lab File: BG058183.D
Acq: 12 Jul 2023 12:23

Tgt Ion:276 Resp: 921147
Ion Ratio Lower Upper
276 100
138 17.3 14.0 21.0
277 22.2 19.4 29.2

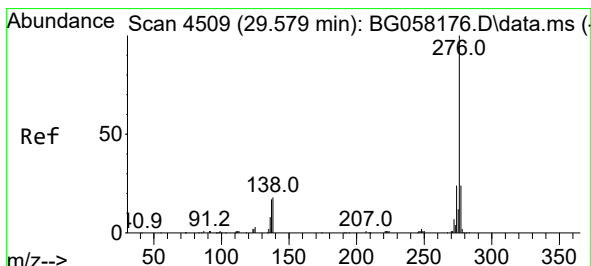
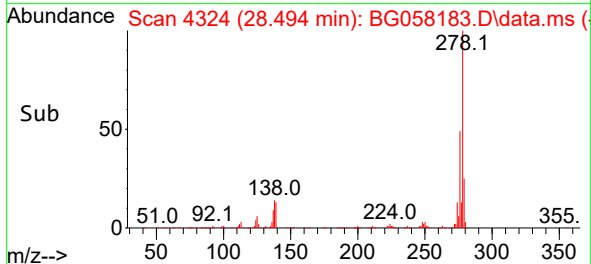
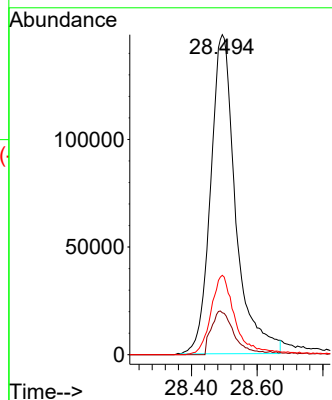
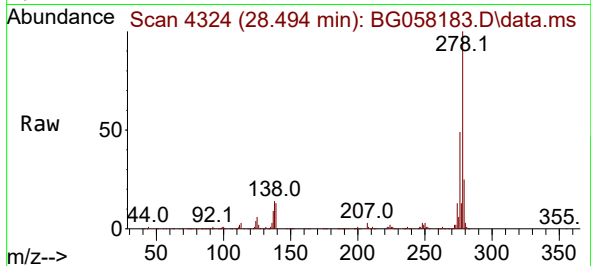




#95
 Dibenzo(a,h)anthracene
 Concen: 37.512 ng/ul
 RT: 28.494 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

Instrument :
 BNA_G
 ClientSampleId :
 HOA42MS

Tgt Ion:278 Resp: 784732
 Ion Ratio Lower Upper
 278 100
 139 13.1 11.3 16.9
 279 24.8 18.9 28.3



#96
 Benzo(g,h,i)perylene
 Concen: 33.019 ng/ul
 RT: 29.575 min Scan# 4508
 Delta R.T. 0.013 min
 Lab File: BG058183.D
 Acq: 12 Jul 2023 12:23

Tgt Ion:276 Resp: 684184
 Ion Ratio Lower Upper
 276 100
 138 17.8 14.2 21.2
 277 23.1 18.6 27.8

