

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058164.D
 Acq On : 11 Jul 2023 18:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 22:57:20 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	7.973	152	41224	20.000	ng/u1	0.00
20) Naphthalene-d8	10.776	136	188978	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.600	164	131115	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.344	188	306405	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	272619	20.000	ng/u1	0.00
88) Perylene-d12	24.794	264	330960	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	9247	7.855	ng/uL	0.00
4) Pyridine-d5	3.813	84	71431	19.986	ng/u1	0.00
7) Phenol-d5	7.133	99	86288	20.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.297	67	52208	20.578	ng/u1	0.00
11) 2-Chlorophenol-d4	7.503	132	60568	20.859	ng/u1	0.00
15) 4-Methylphenol-d8	8.678	113	66349	20.886	ng/u1	0.00
21) Nitrobenzene-d5	9.130	128	32121	20.854	ng/u1	0.00
24) 2-Nitrophenol-d4	9.859	143	36318	22.435	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.394	165	68343	22.008	ng/u1	0.00
31) 4-Chloroaniline-d4	10.911	131	97206	20.646	ng/u1	0.00
46) Dimethylphthalate-d6	14.001	166	205222	19.837	ng/u1	0.00
49) Acenaphthylene-d8	14.295	160	240748	21.326	ng/u1	0.00
54) 4-Nitrophenol-d4	14.800	143	34557	18.907	ng/u1	0.00
60) Fluorene-d10	15.593	176	186953	21.279	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.711	200	32238	19.376	ng/u1	0.00
73) Anthracene-d10	17.438	188	299892	21.092	ng/u1	0.00
81) Pyrene-d10	19.730	212	343625	20.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.571	264	349913	20.752	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	10414	7.160	ng/uL	96
5) Pyridine	3.837	79	74543	20.356	ng/u1	98
6) Benzaldehyde	7.109	77	24891	17.704	ng/u1	94
8) Phenol	7.162	94	90737	21.239	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.391	93	67526	20.471	ng/u1	97
12) 2-Chlorophenol	7.538	128	63484	21.010	ng/u1	96
13) 2-Methylphenol	8.414	108	67889	20.234	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.496	45	106317	20.938	ng/u1	98
16) Acetophenone	8.790	105	110411	20.949	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.772	70	56195	19.945	ng/u1	98
18) 4-Methylphenol	8.737	108	77407	21.336	ng/u1	96
19) Hexachloroethane	9.054	117	24318	20.994	ng/u1	97
22) Nitrobenzene	9.177	77	83104	20.784	ng/u1	95
23) Isophorone	9.694	82	167437	19.625	ng/u1	99
25) 2-Nitrophenol	9.888	139	37832	21.780	ng/u1	99
26) 2,4-Dimethylphenol	9.941	107	81459	20.855	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.176	93	96975	20.170	ng/u1	100
29) 2,4-Dichlorophenol	10.423	162	65705	21.761	ng/u1	94
30) Naphthalene	10.828	128	222734	20.973	ng/u1	98
32) 4-Chloroaniline	10.934	127	98481	20.456	ng/u1	98
33) Hexachlorobutadiene	11.105	225	44875	20.993	ng/u1	95
34) Caprolactam	11.686	113	23299	19.194	ng/u1	90
35) 4-Chloro-3-methylphenol	12.056	107	79489	21.432	ng/u1	98
36) 2-Methylnaphthalene	12.432	142	151488	21.160	ng/u1	96

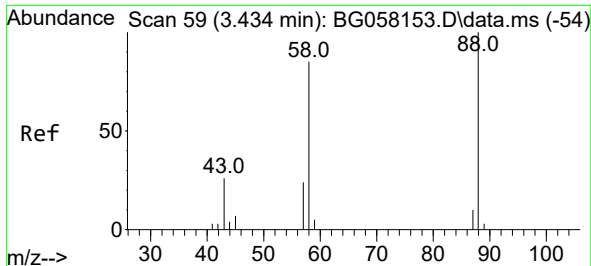
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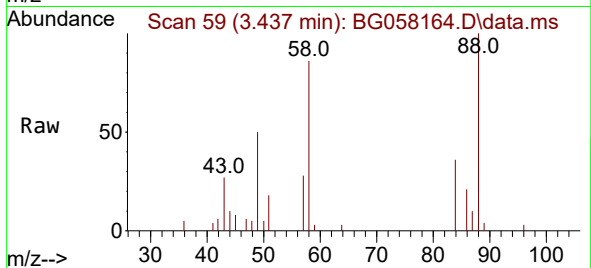
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.650	142	150903	21.020	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.797	216	87774	21.967	ng/ul	98
40) Hexachlorocyclopentadiene	12.773	237	56627	22.500	ng/ul	98
41) 2,4,6-Trichlorophenol	13.038	196	59183	21.854	ng/ul	93
42) 2,4,5-Trichlorophenol	13.114	196	61441	20.978	ng/ul	99
43) 1,1'-Biphenyl	13.437	154	200505	21.220	ng/ul	99
44) 2-Chloronaphthalene	13.478	162	161894	21.349	ng/ul	99
45) 2-Nitroaniline	13.684	65	55767	21.151	ng/ul	95
47) Dimethylphthalate	14.048	163	210941	20.296	ng/ul	100
48) 2,6-Dinitrotoluene	14.172	165	44747	20.975	ng/ul	94
50) Acenaphthylene	14.324	152	262834	21.560	ng/ul	99
51) 3-Nitroaniline	14.506	138	34991	19.408	ng/ul	96
52) Acenaphthene	14.665	153	180741	21.606	ng/ul	98
53) 2,4-Dinitrophenol	14.712	184	25104	22.571	ng/ul	97
55) 4-Nitrophenol	14.818	109	24495	18.091	ng/ul	84
56) Dibenzofuran	15.000	168	255395	21.477	ng/ul	98
57) 2,4-Dinitrotoluene	14.959	165	64176	21.232	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.223	232	56694	21.264	ng/ul	99
59) Diethylphthalate	15.411	149	212894	19.625	ng/ul	99
61) Fluorene	15.646	166	207393	21.256	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.635	204	109930	21.293	ng/ul	98
63) 4-Nitroaniline	15.664	138	19975	12.368	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.723	198	33731	19.825	ng/ul	99
67) N-Nitrosodiphenylamine	15.852	169	174003	21.338	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	73051	21.720	ng/ul	98
69) Hexachlorobenzene	16.651	284	81715	21.700	ng/ul	98
70) Atrazine	16.792	200	67587	20.269	ng/ul	93
71) Pentachlorophenol	16.992	266	48939	21.648	ng/ul	95
72) Phenanthrene	17.385	178	334491	21.461	ng/ul	100
74) Anthracene	17.474	178	337876	21.422	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.402	216	91302	22.468	ng/uL	97
76) Pentachlorobenzene	14.918	250	98904	22.789	ng/uL	95
77) Carbazole	17.744	167	306447	21.483	ng/ul	99
78) Di-n-butylphthalate	18.296	149	374276	20.598	ng/ul	99
80) Fluoranthene	19.395	202	400175	20.114	ng/ul	98
82) Pyrene	19.753	202	404177	20.182	ng/ul	99
83) Butylbenzylphthalate	20.635	149	168429	20.740	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	151532	22.960	ng/ul	99
85) Benzo(a)anthracene	21.581	228	408609	20.875	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.481	149	244325	20.995	ng/ul	99
87) Chrysene	21.645	228	391150	21.316	ng/ul	100
89) Di-n-octyl phthalate	22.673	149	431878	21.238	ng/ul	100
90) Benzo(b)fluoranthene	23.778	252	423393	20.661	ng/ul	99
91) Benzo(k)fluoranthene	23.843	252	417483	20.785	ng/ul	99
93) Benzo(a)pyrene	24.636	252	377099	20.791	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.437	276	485219	20.146	ng/ul	100
95) Dibenzo(a,h)anthracene	28.490	278	389851	19.629	ng/ul	98
96) Benzo(g,h,i)perylene	29.571	276	372771	18.949	ng/ul	99

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

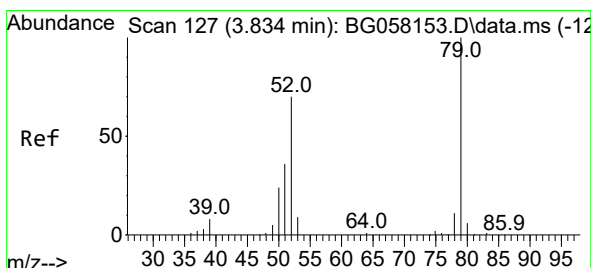
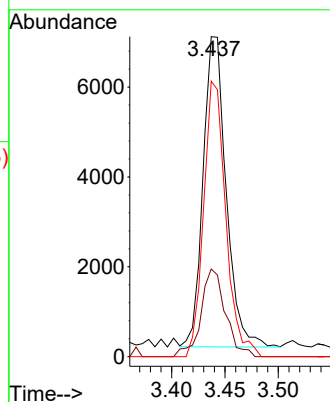
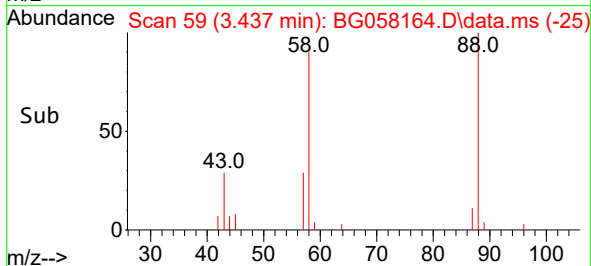


#2
1,4-Dioxane
Concen: 7.160 ng/uL
RT: 3.437 min Scan# 59
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_G
ClientSampleId :

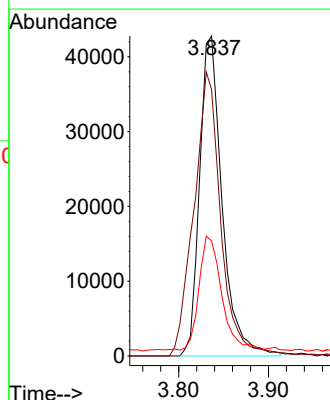
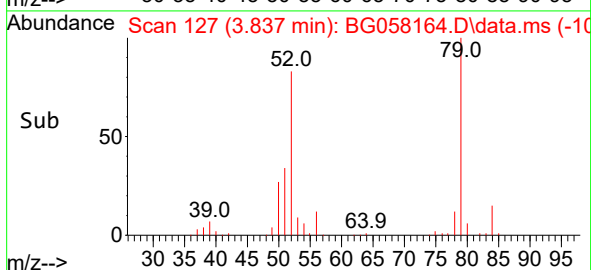
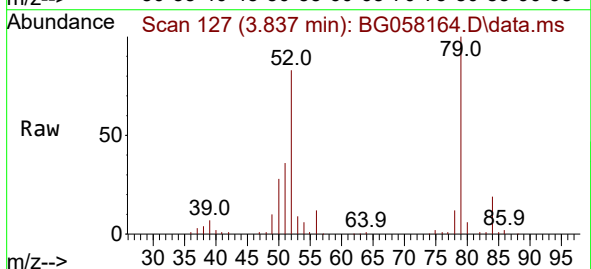


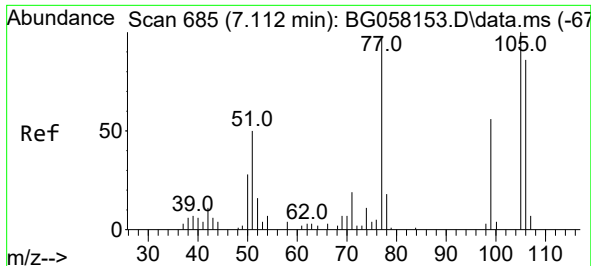
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	20.6	30.8
58	86.1	65.5	98.3



#5
Pyridine
Concen: 20.356 ng/uL
RT: 3.837 min Scan# 127
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion	Ratio	Lower	Upper
79	100		
52	83.3	68.6	102.8
51	35.9	29.4	44.0

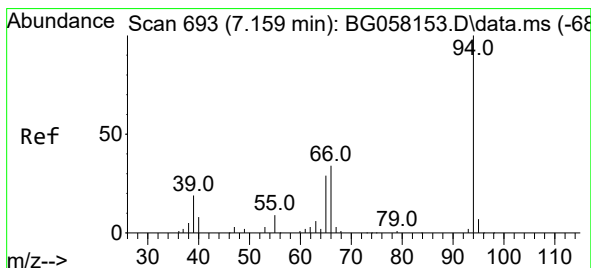
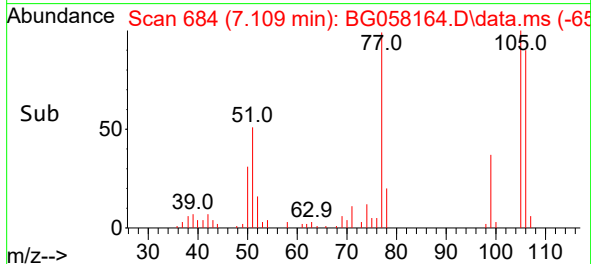
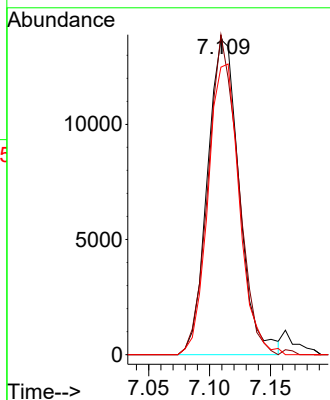
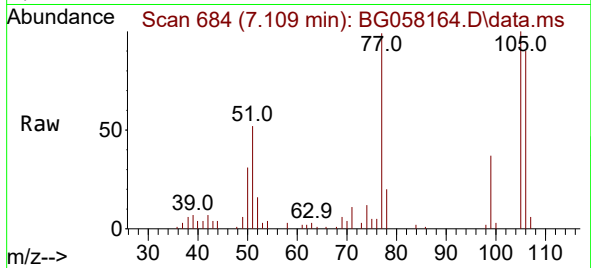




#6
Benzaldehyde
Concen: 17.704 ng/ul
RT: 7.109 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

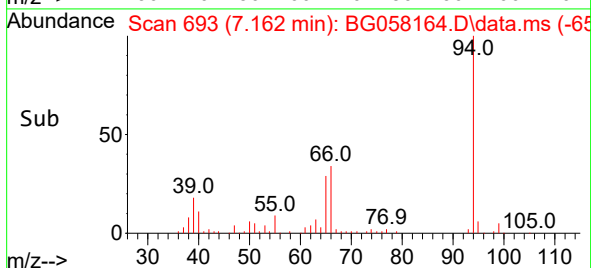
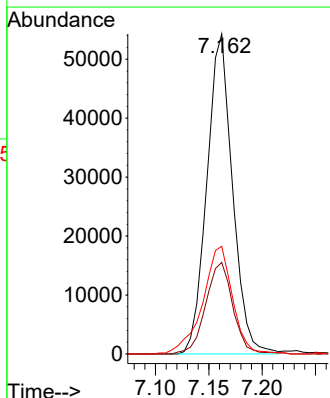
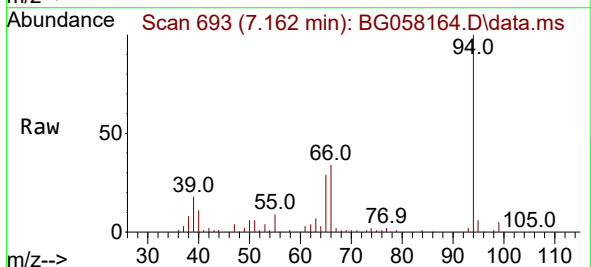
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ClientSampleId :

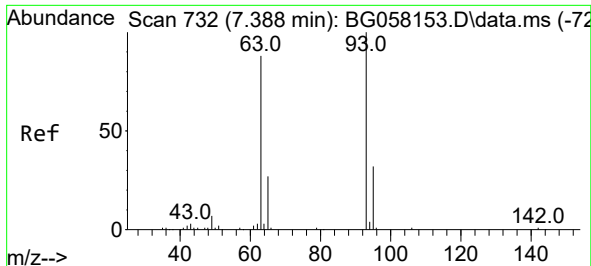
Tgt Ion: 77 Resp: 24891
Ion Ratio Lower Upper
77 100
105 101.5 74.7 112.1
106 91.2 75.9 113.9



#8
Phenol
Concen: 21.239 ng/ul
RT: 7.162 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion: 94 Resp: 90737
Ion Ratio Lower Upper
94 100
65 28.6 22.2 33.4
66 33.6 28.6 43.0

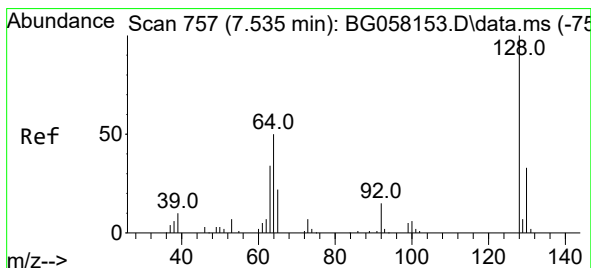
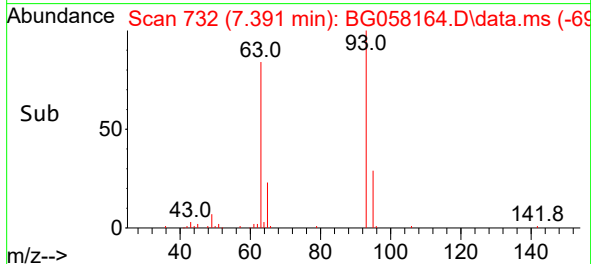
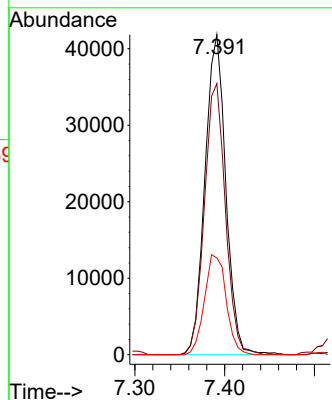
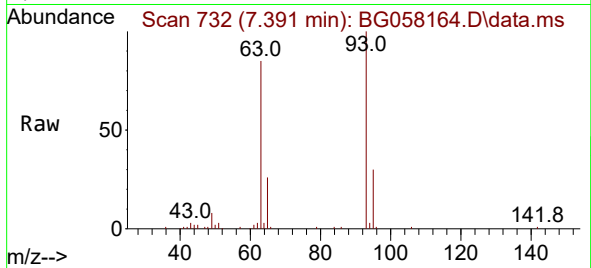




#10
Bis(2-Chloroethyl)ether
Concen: 20.471 ng/ul
RT: 7.391 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

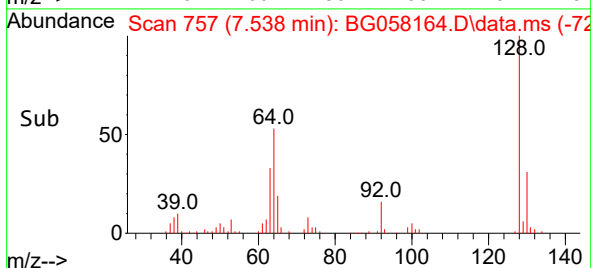
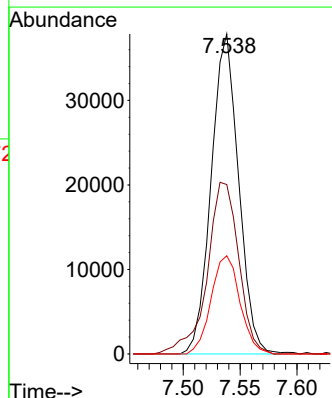
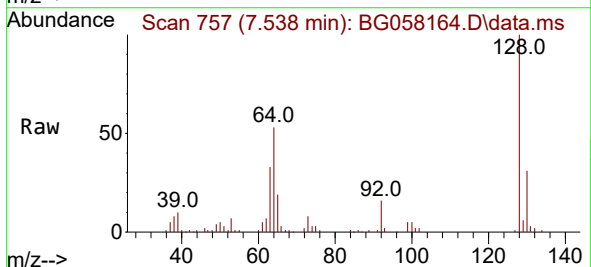
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BNA_G
ClientSampleId :

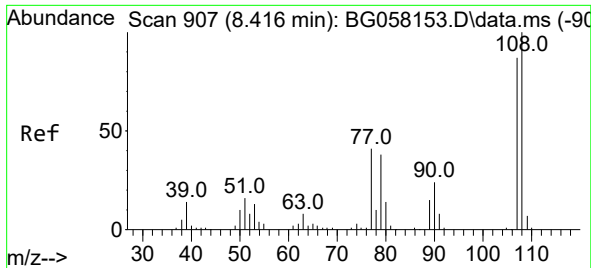
Tgt Ion: 93 Resp: 67526
Ion Ratio Lower Upper
93 100
63 84.7 69.4 104.0
95 30.3 27.0 40.6



#12
2-Chlorophenol
Concen: 21.010 ng/ul
RT: 7.538 min Scan# 757
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:128 Resp: 63484
Ion Ratio Lower Upper
128 100
64 52.9 44.3 66.5
130 30.7 27.3 40.9





#13

2-Methylphenol

Concen: 20.234 ng/ul

RT: 8.414 min Scan# 907

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

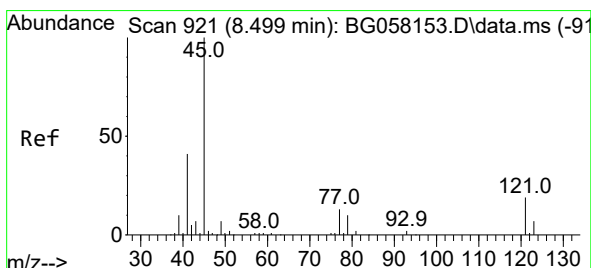
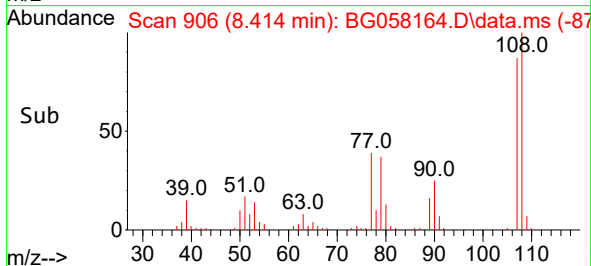
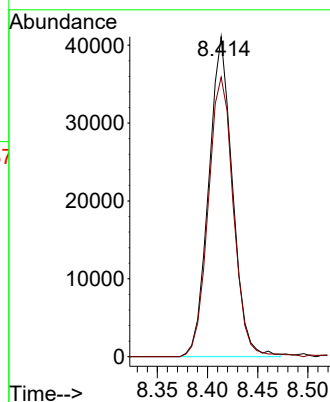
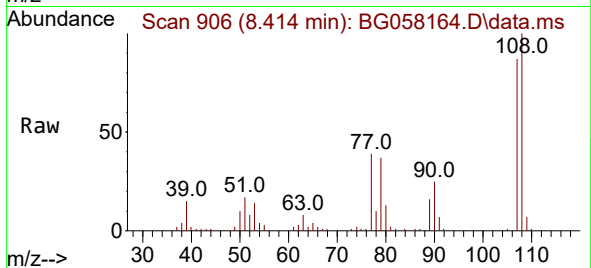
ClientSampleId :

Tgt Ion:108 Resp: 67889

Ion Ratio Lower Upper

108 100

107 87.3 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.938 ng/ul

RT: 8.496 min Scan# 920

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

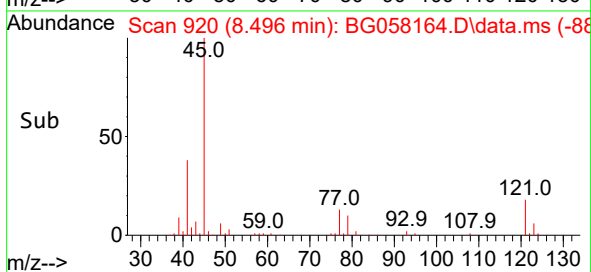
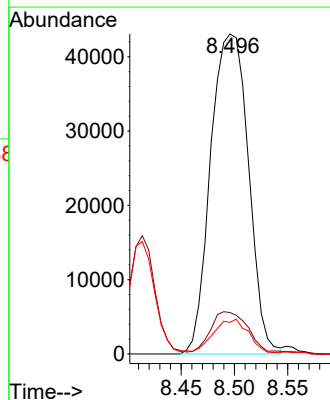
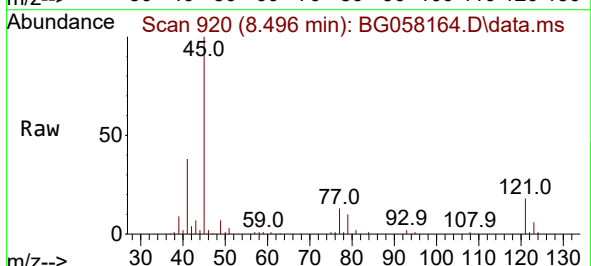
Tgt Ion: 45 Resp: 106317

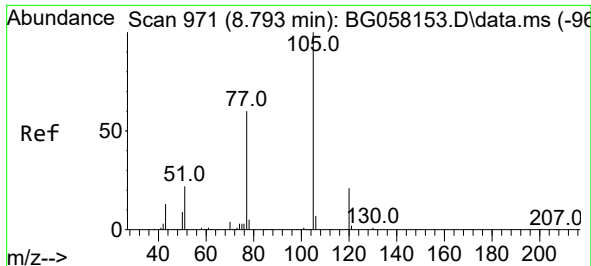
Ion Ratio Lower Upper

45 100

77 13.0 9.4 14.2

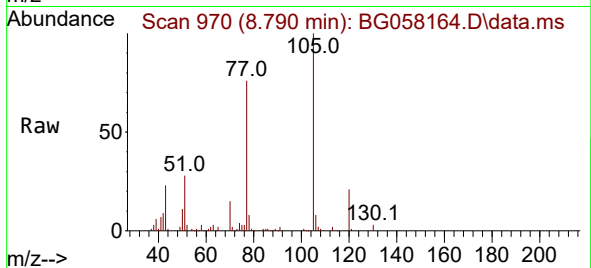
79 9.9 8.3 12.5



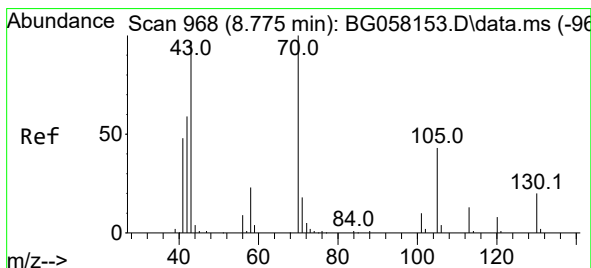
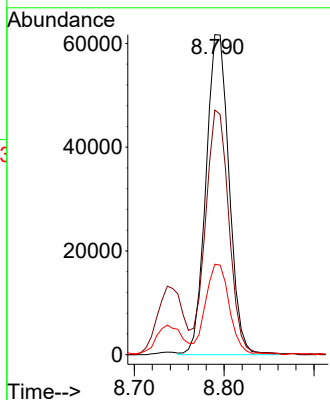
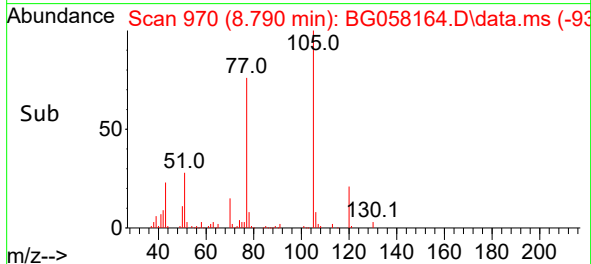


#16
Acetophenone
Concen: 20.949 ng/ul
RT: 8.790 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

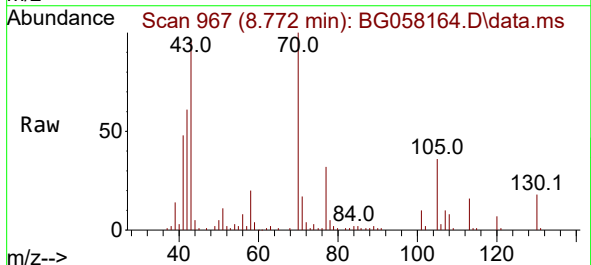
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BNA_G
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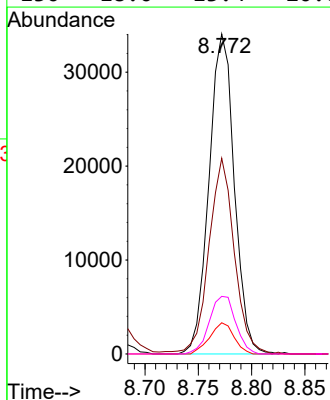
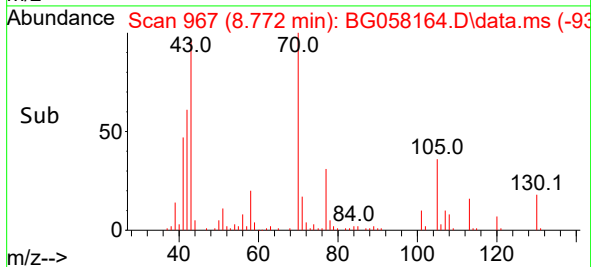
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Ion Ratio Lower Upper
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51 28.2 23.5 35.3

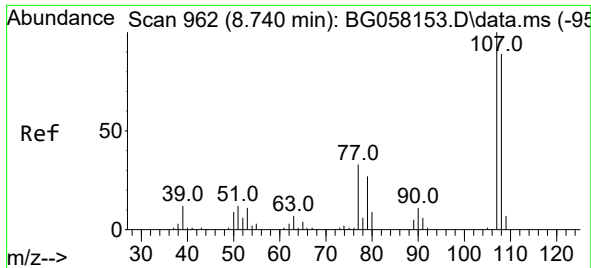


#17
N-Nitroso-di-n-propylamine
Concen: 19.945 ng/ul
RT: 8.772 min Scan# 967
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22



Tgt Ion: 70 Resp: 56195
Ion Ratio Lower Upper
70 100
42 61.1 48.0 72.0
101 9.7 7.4 11.2
130 18.0 13.4 20.0

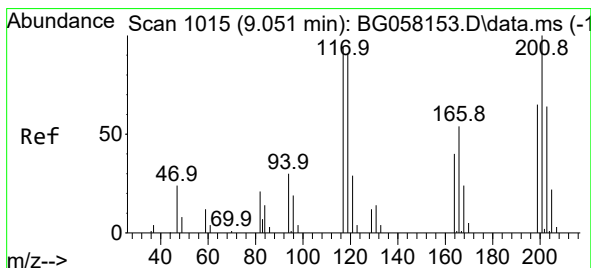
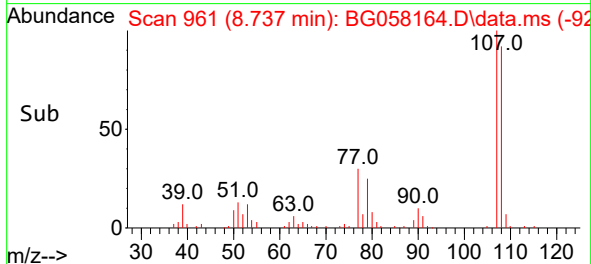
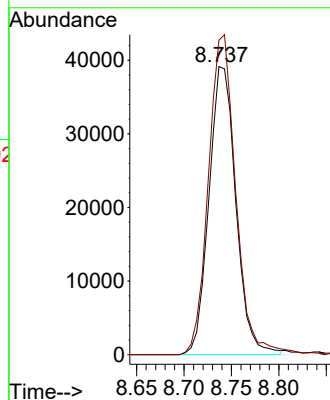
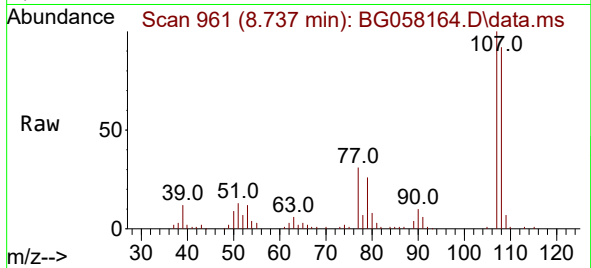




#18
4-Methylphenol
Concen: 21.336 ng/ul
RT: 8.737 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

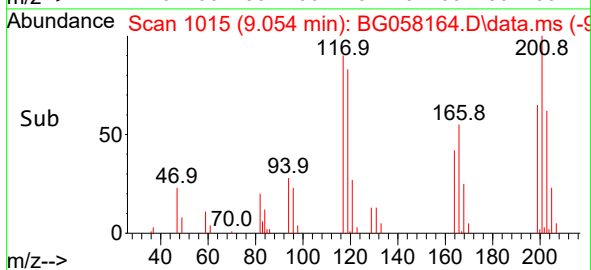
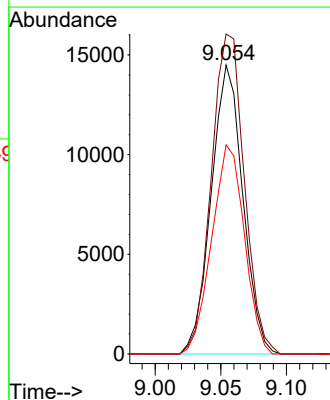
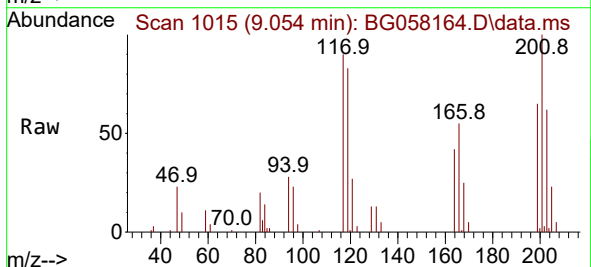
Instrument :
BNA_G
ClientSampleId :

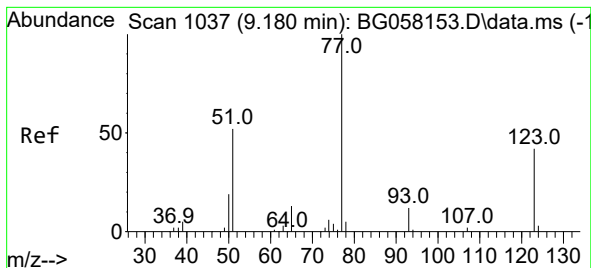
Tgt Ion:108 Resp: 77407
Ion Ratio Lower Upper
108 100
107 109.1 91.1 136.7



#19
Hexachloroethane
Concen: 20.994 ng/ul
RT: 9.054 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:117 Resp: 24318
Ion Ratio Lower Upper
117 100
201 113.9 94.0 141.0
199 72.4 59.8 89.6





#22

Nitrobenzene

Concen: 20.784 ng/ul

RT: 9.177 min Scan# 1103

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

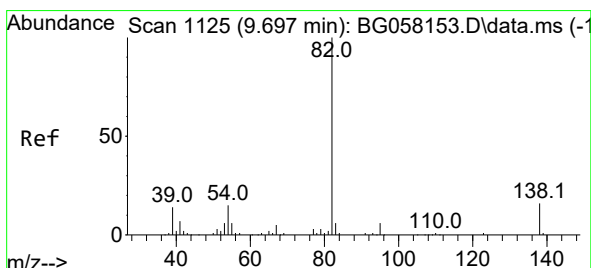
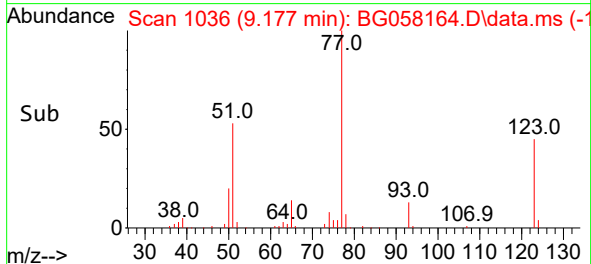
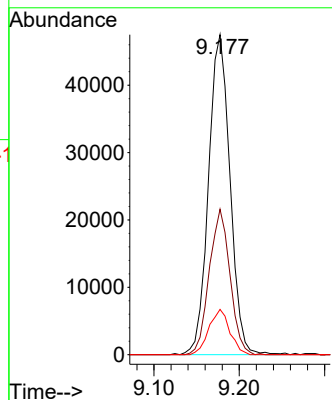
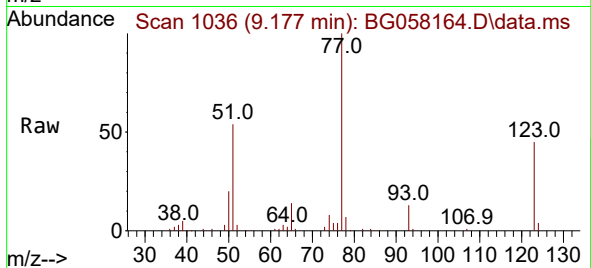
Tgt Ion: 77 Resp: 83104

Ion Ratio Lower Upper

77 100

123 45.5 33.3 49.9

65 14.2 10.4 15.6



#23

Isophorone

Concen: 19.625 ng/ul

RT: 9.694 min Scan# 1124

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

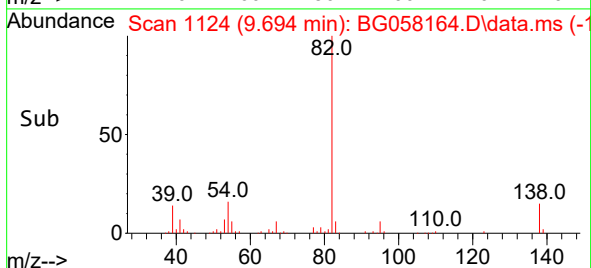
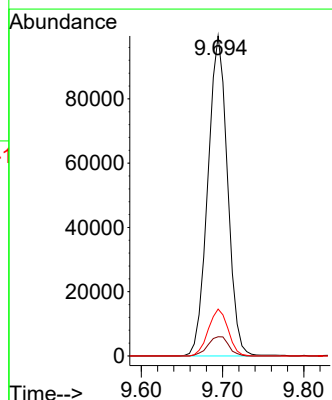
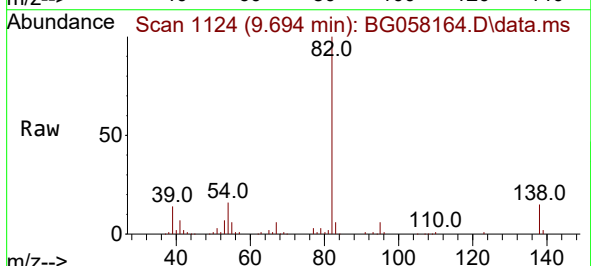
Tgt Ion: 82 Resp: 167437

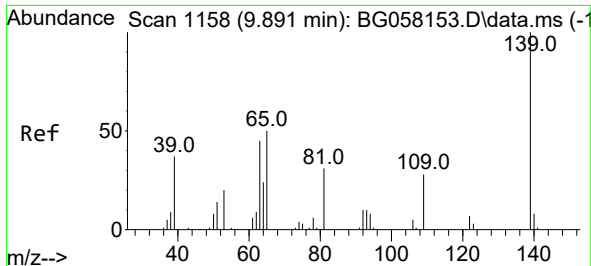
Ion Ratio Lower Upper

82 100

95 6.0 4.8 7.2

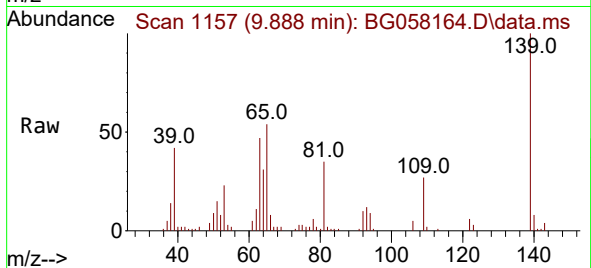
138 14.6 11.4 17.0



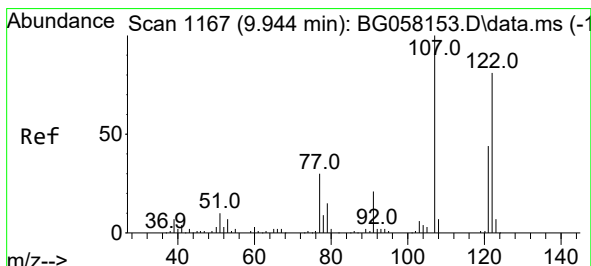
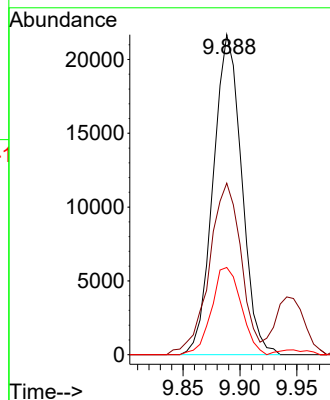
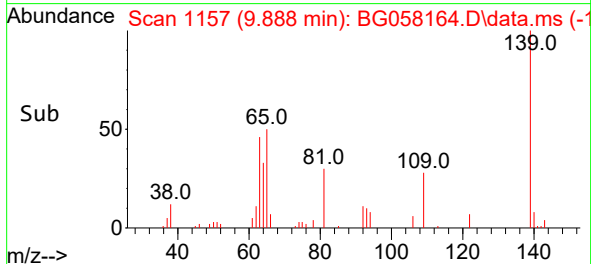


#25
2-Nitrophenol
Concen: 21.780 ng/ul
RT: 9.888 min Scan# 1157
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_G
ClientSampleId :

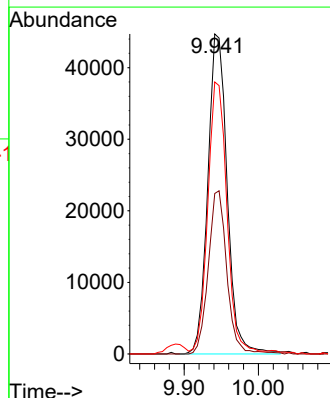
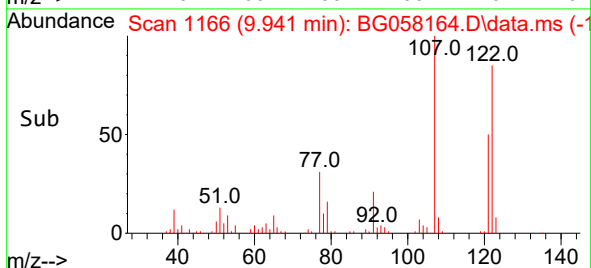
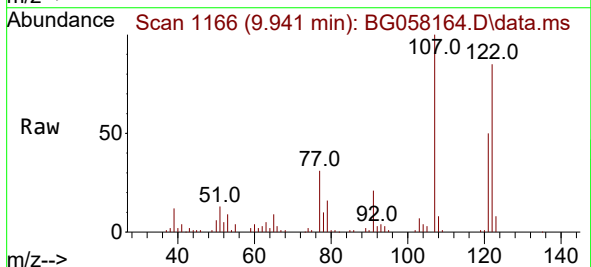


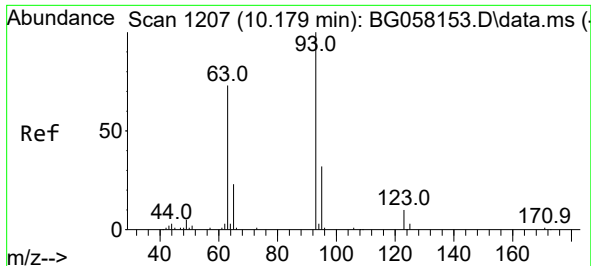
Tgt Ion:139 Resp: 37832
Ion Ratio Lower Upper
139 100
65 53.6 42.6 64.0
109 27.3 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 20.855 ng/ul
RT: 9.941 min Scan# 1166
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:107 Resp: 81459
Ion Ratio Lower Upper
107 100
121 50.2 40.6 60.8
122 85.0 67.1 100.7

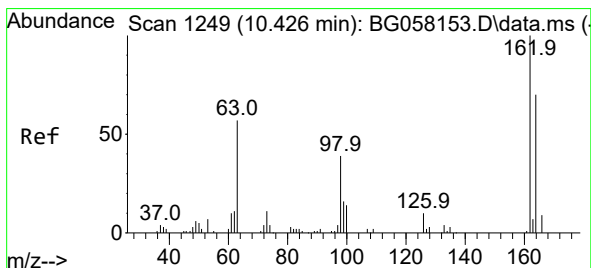
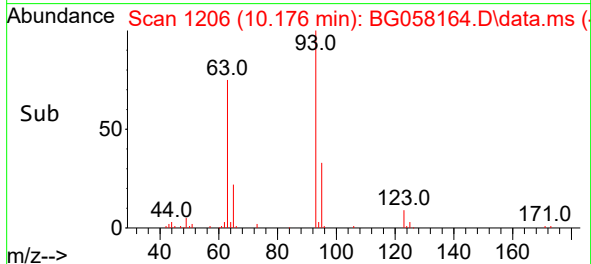
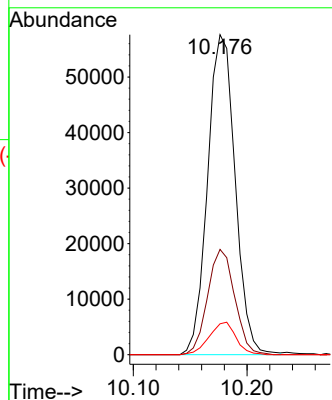
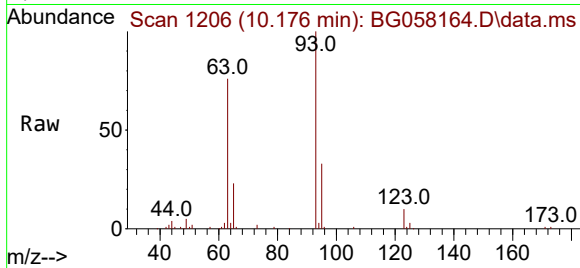




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.170 ng/ul
 RT: 10.176 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BG058164.D
 Acq: 11 Jul 2023 18:22

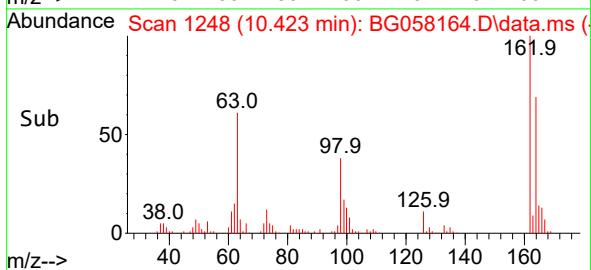
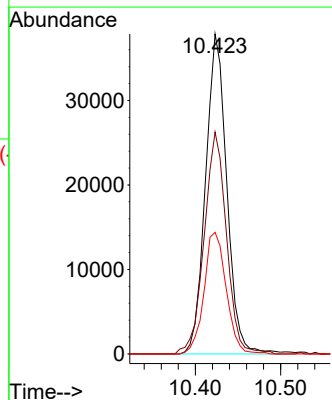
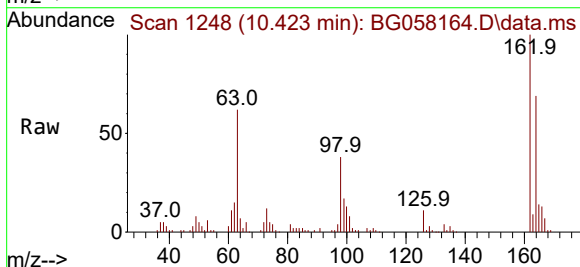
Instrument :
 BNA_G
 ClientSampleId :

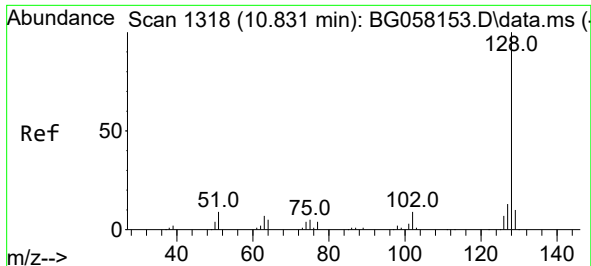
Tgt Ion: 93 Resp: 96975
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 9.7 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 21.761 ng/ul
 RT: 10.423 min Scan# 1248
 Delta R.T. -0.003 min
 Lab File: BG058164.D
 Acq: 11 Jul 2023 18:22

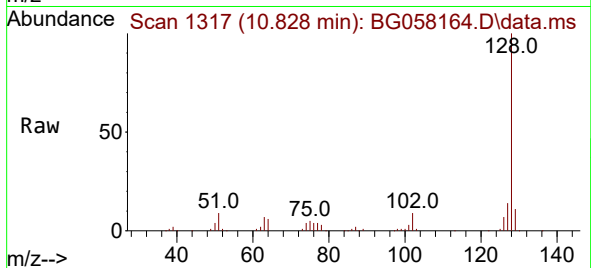
Tgt Ion: 162 Resp: 65705
 Ion Ratio Lower Upper
 162 100
 164 69.3 51.1 76.7
 98 38.0 27.9 41.9



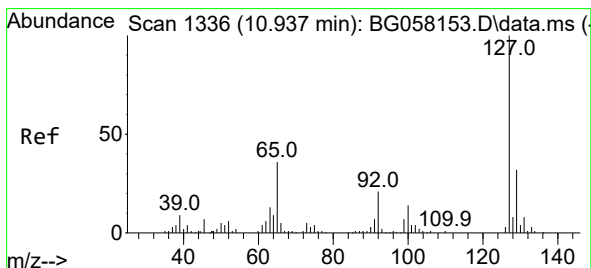
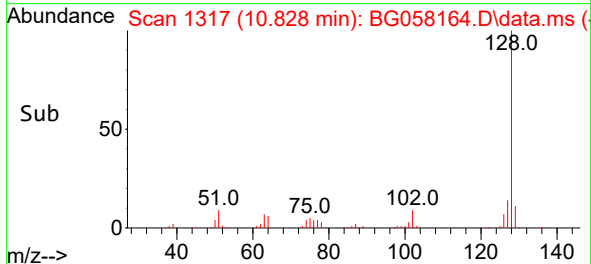
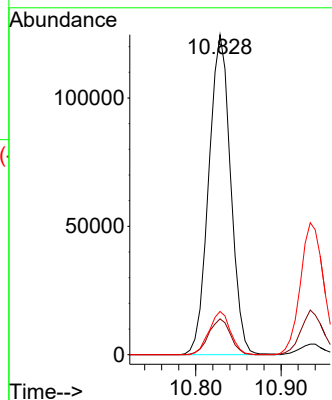


#30
Naphthalene
Concen: 20.973 ng/ul
RT: 10.828 min Scan# 1317
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_G
ClientSampleId :

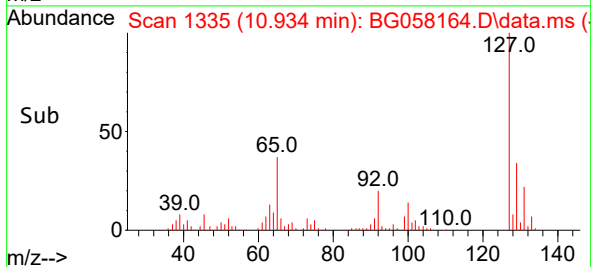
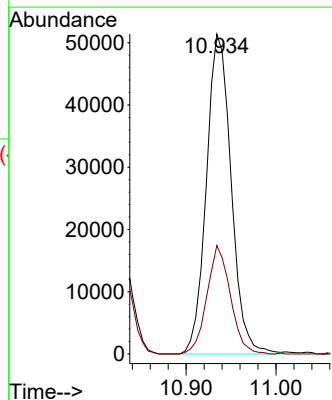
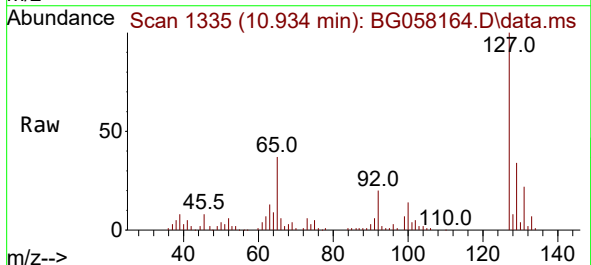


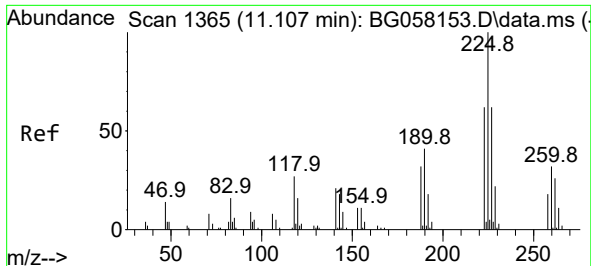
Tgt Ion:128 Resp: 222734
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.5 10.2 15.2



#32
4-Chloroaniline
Concen: 20.456 ng/ul
RT: 10.934 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:127 Resp: 98481
Ion Ratio Lower Upper
127 100
129 33.9 26.0 39.0

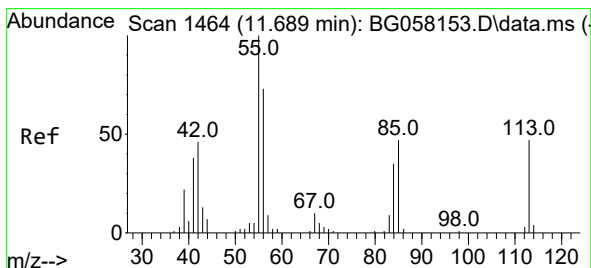
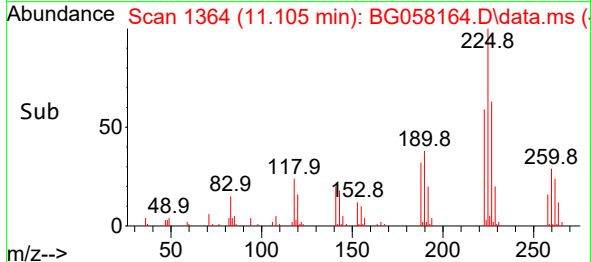
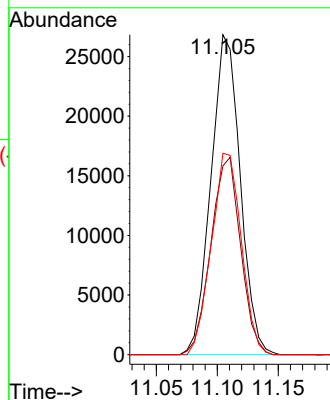
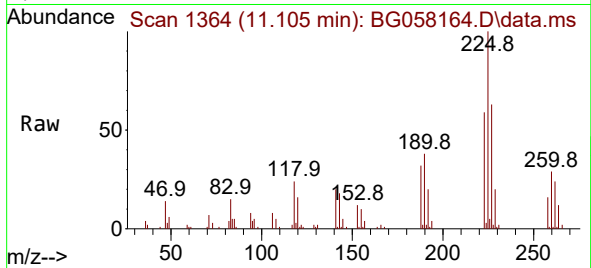




#33
Hexachlorobutadiene
Concen: 20.993 ng/ul
RT: 11.105 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

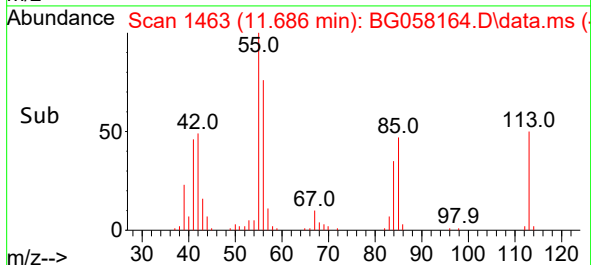
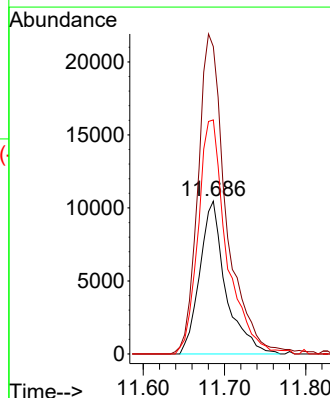
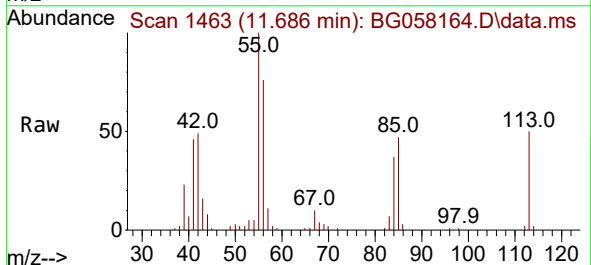
Instrument :
BNA_G
ClientSampleId :

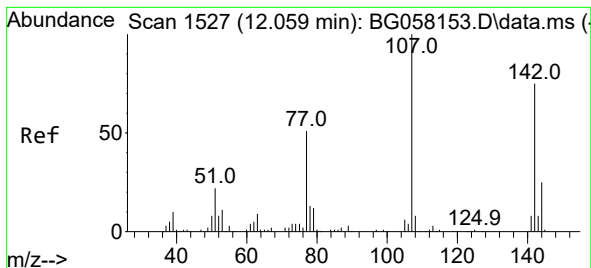
Tgt Ion:225 Resp: 44875
Ion Ratio Lower Upper
225 100
223 59.0 53.2 79.8
227 65.2 51.4 77.2



#34
Caprolactam
Concen: 19.194 ng/ul
RT: 11.686 min Scan# 1463
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

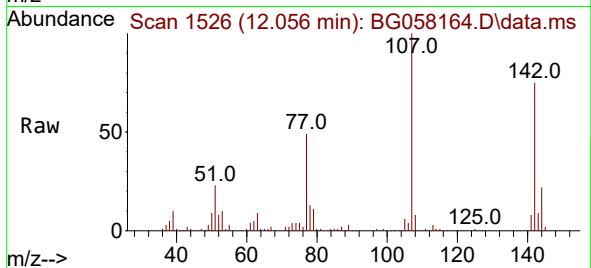
Tgt Ion:113 Resp: 23299
Ion Ratio Lower Upper
113 100
55 201.2 183.4 275.2
56 153.3 123.0 184.6



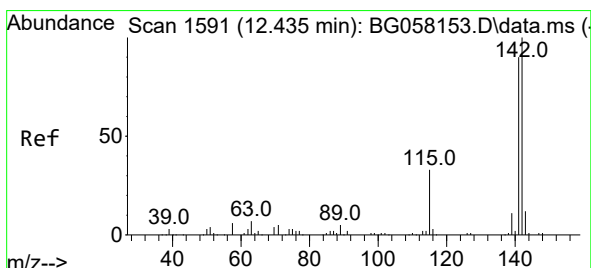
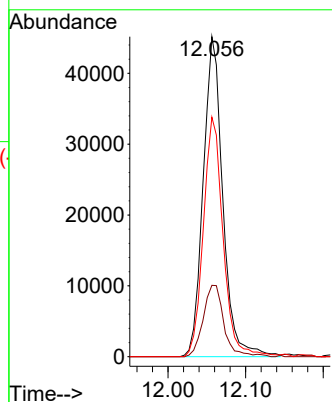
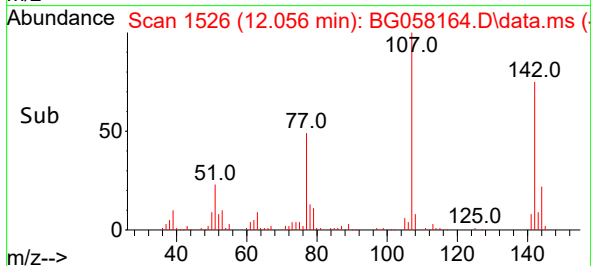


#35
 4-Chloro-3-methylphenol
 Concen: 21.432 ng/ul
 RT: 12.056 min Scan# 1526
 Delta R.T. 0.003 min
 Lab File: BG058164.D
 Acq: 11 Jul 2023 18:22

Instrument :
 BNA_G
 ClientSampleId :

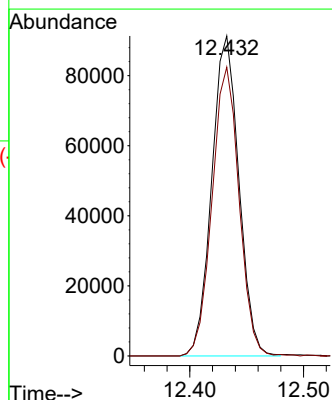
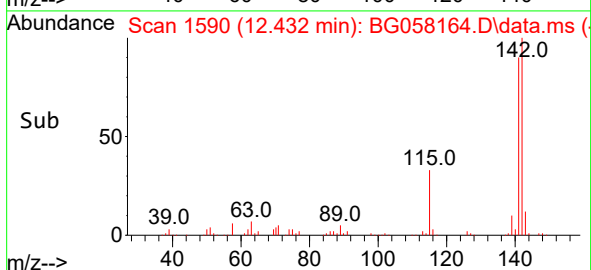
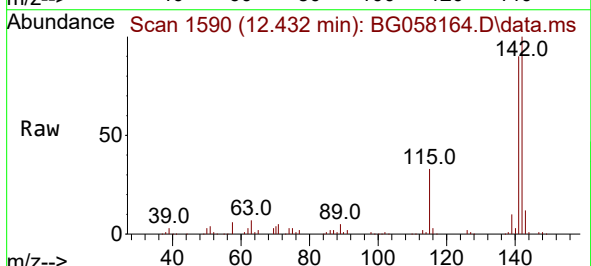


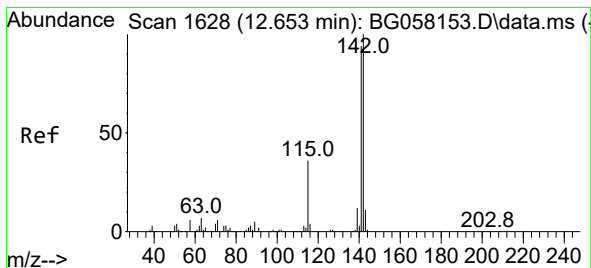
Tgt Ion:107 Resp: 79489
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.0 28.4
 142 74.9 58.4 87.6



#36
 2-Methylnaphthalene
 Concen: 21.160 ng/ul
 RT: 12.432 min Scan# 1590
 Delta R.T. 0.003 min
 Lab File: BG058164.D
 Acq: 11 Jul 2023 18:22

Tgt Ion:142 Resp: 151488
 Ion Ratio Lower Upper
 142 100
 141 90.2 69.4 104.2





#37

1-Methylnaphthalene

Concen: 21.020 ng/ul

RT: 12.650 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

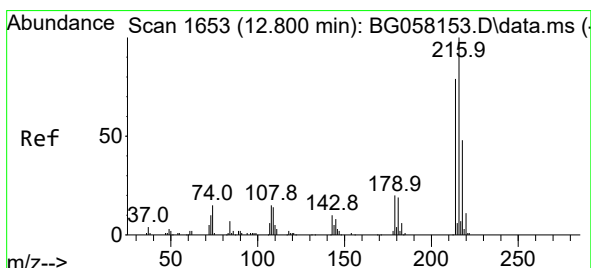
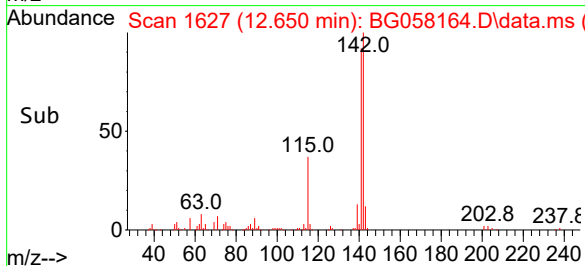
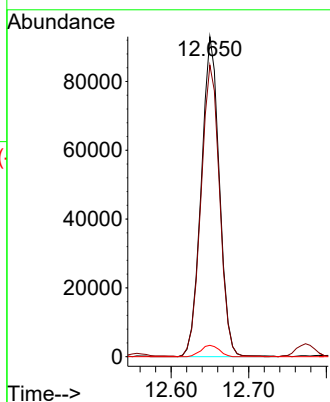
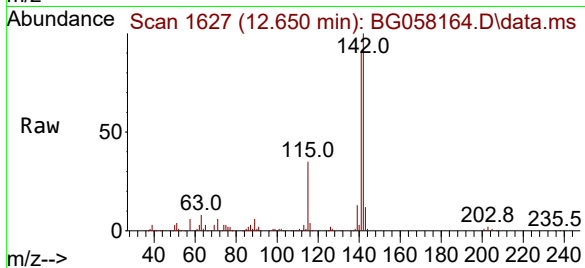
Tgt Ion:142 Resp: 150903

Ion Ratio Lower Upper

142 100

141 91.1 73.8 110.8

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.967 ng/ul

RT: 12.797 min Scan# 1652

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Tgt Ion:216 Resp: 87774

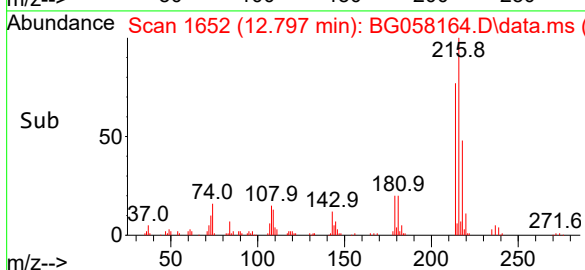
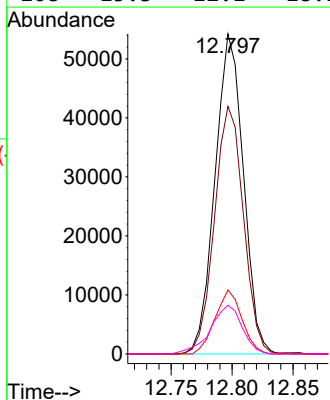
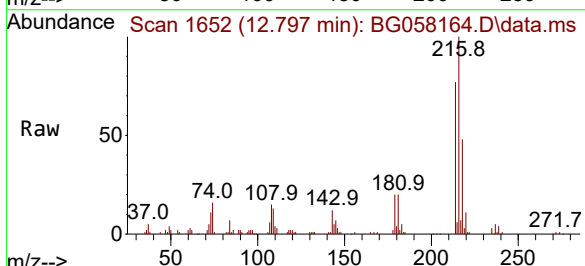
Ion Ratio Lower Upper

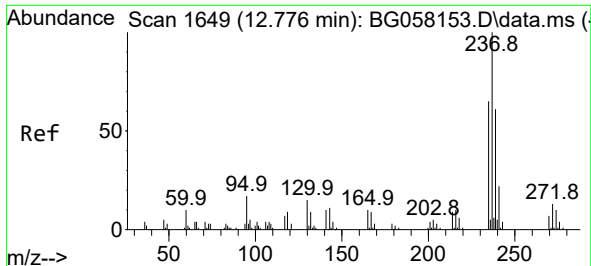
216 100

214 77.3 64.1 96.1

179 20.0 16.0 24.0

108 15.3 12.1 18.1

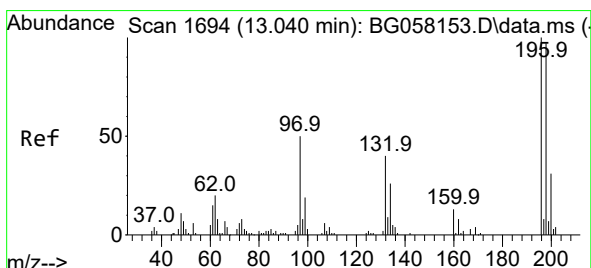
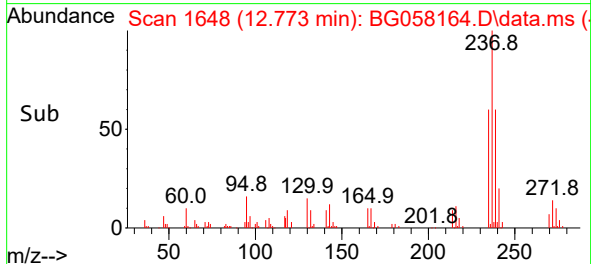
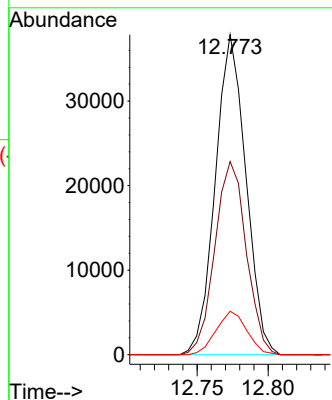
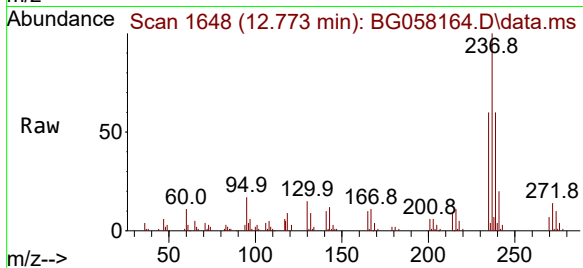




#40
Hexachlorocyclopentadiene
Concen: 22.500 ng/ul
RT: 12.773 min Scan# 1648
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

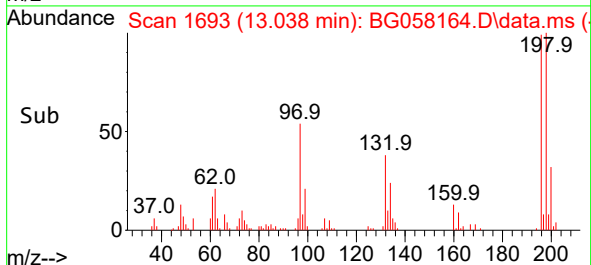
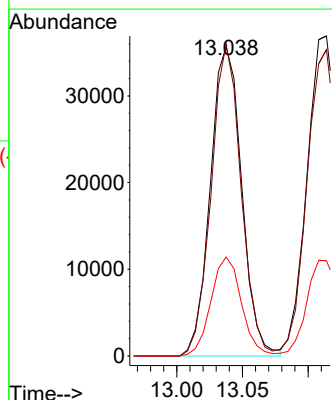
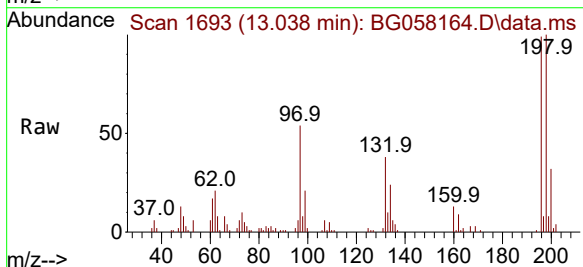
Instrument :
BNA_G
ClientSampleId :

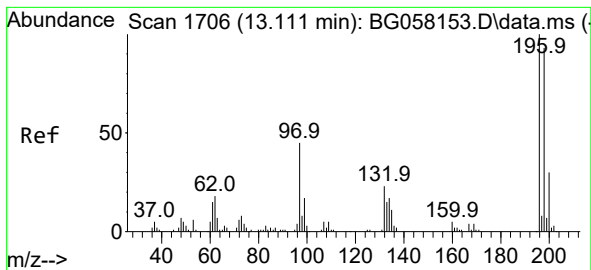
Tgt Ion:237 Resp: 56627
Ion Ratio Lower Upper
237 100
235 60.4 49.2 73.8
272 14.1 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 21.854 ng/ul
RT: 13.038 min Scan# 1693
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:196 Resp: 59183
Ion Ratio Lower Upper
196 100
198 100.8 73.5 110.3
200 31.9 24.8 37.2

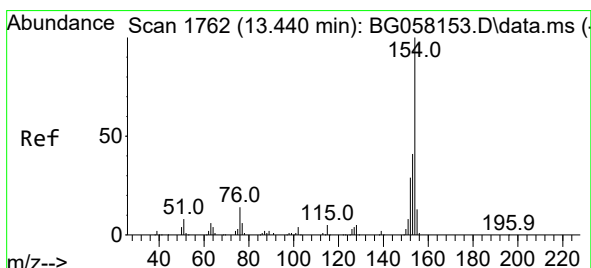
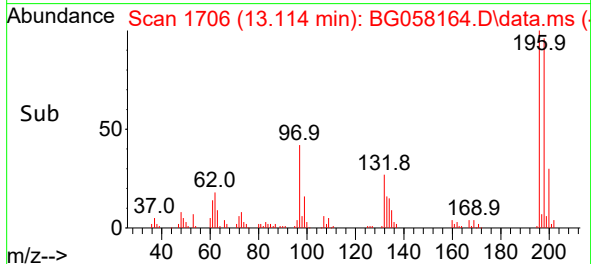
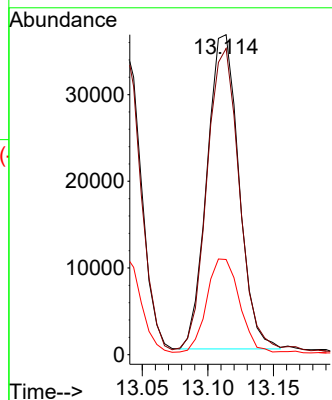
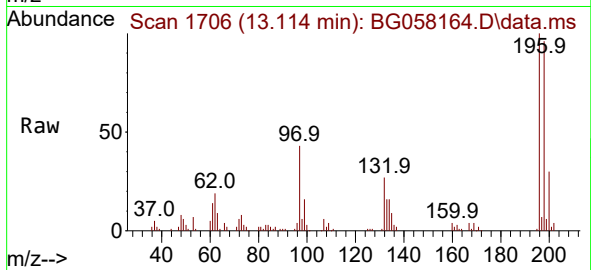




#42
2,4,5-Trichlorophenol
Concen: 20.978 ng/ul
RT: 13.114 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

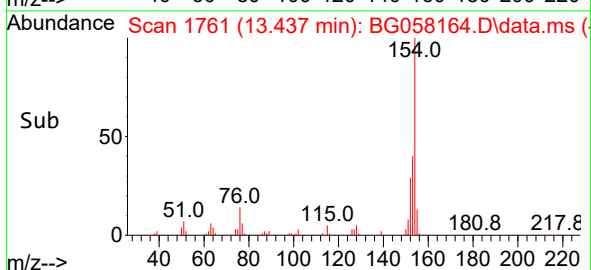
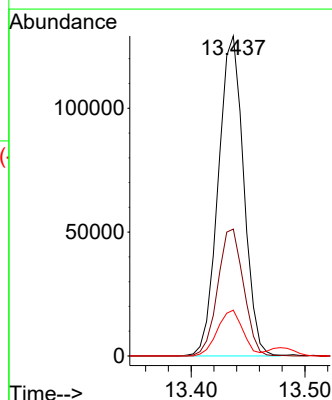
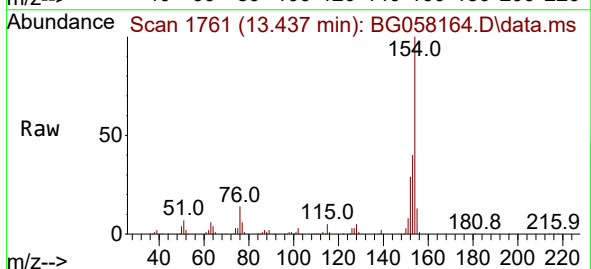
Instrument :
BNA_G
ClientSampleId :

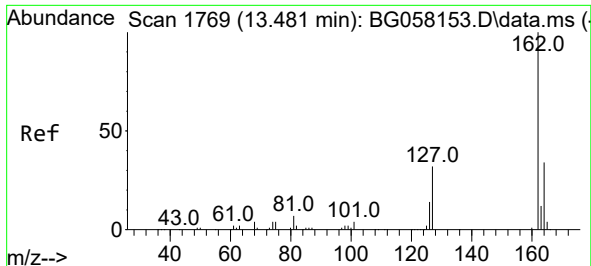
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.2	115.8
200	29.8	23.8	35.6



#43
1,1'-Biphenyl
Concen: 21.220 ng/ul
RT: 13.437 min Scan# 1761
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.6	49.0
76	14.3	11.6	17.4

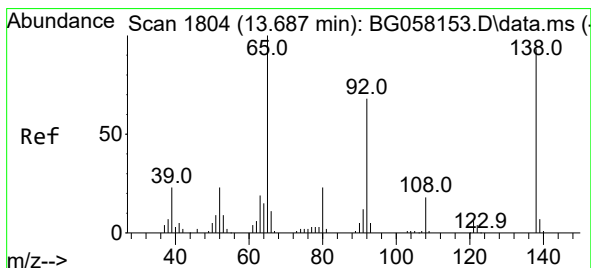
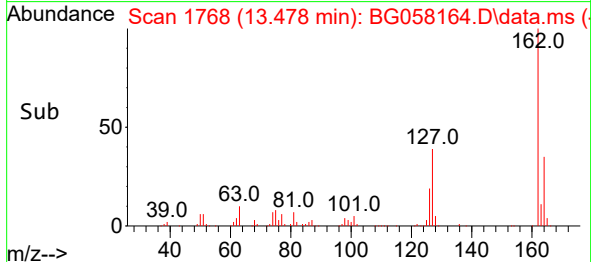
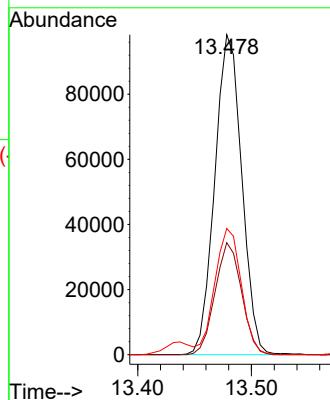
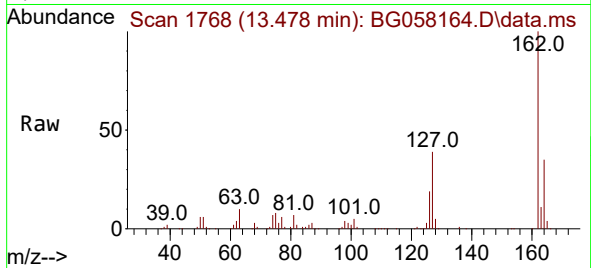




#44
2-Chloronaphthalene
Concen: 21.349 ng/ul
RT: 13.478 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

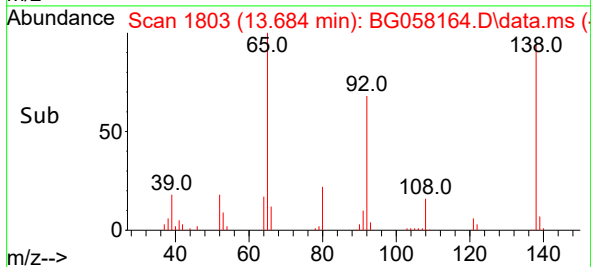
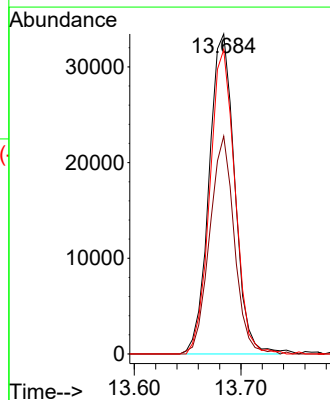
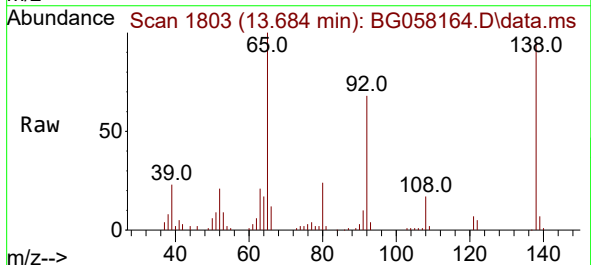
Instrument :
BNA_G
ClientSampleId :

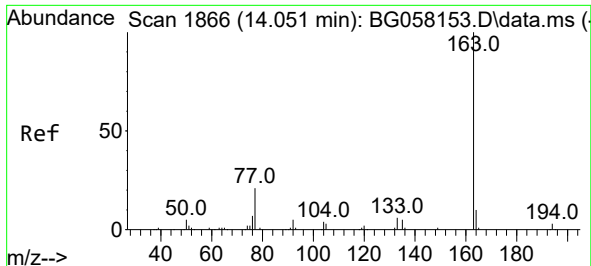
Tgt Ion:162 Resp: 161894
Ion Ratio Lower Upper
162 100
164 35.0 27.7 41.5
127 39.4 30.9 46.3



#45
2-Nitroaniline
Concen: 21.151 ng/ul
RT: 13.684 min Scan# 1803
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion: 65 Resp: 55767
Ion Ratio Lower Upper
65 100
92 68.1 53.2 79.8
138 95.1 71.1 106.7

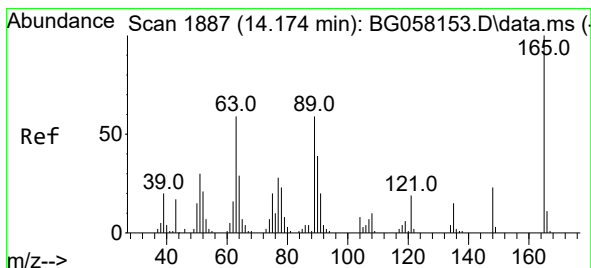
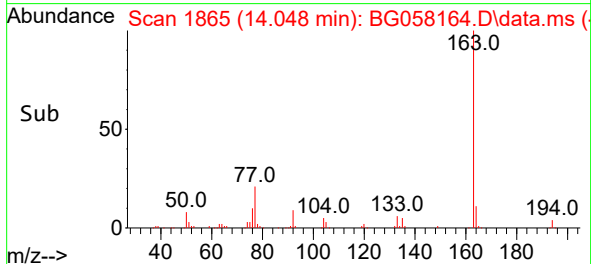
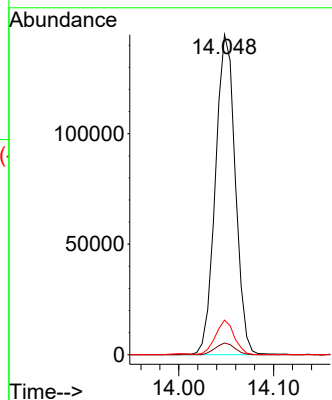
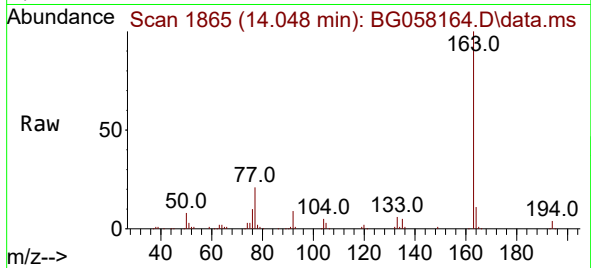




#47
Dimethylphthalate
Concen: 20.296 ng/ul
RT: 14.048 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

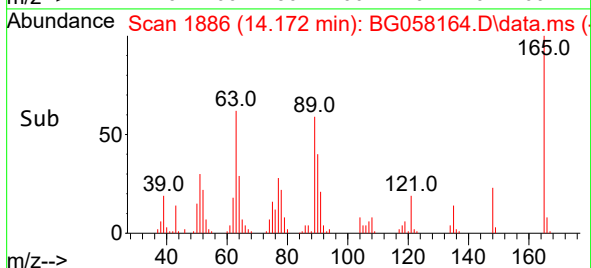
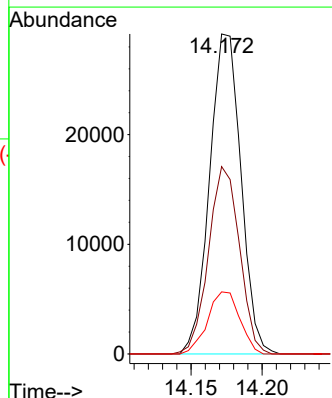
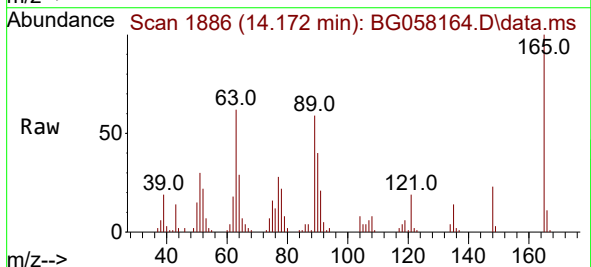
Instrument :
BNA_G
ClientSampleId :

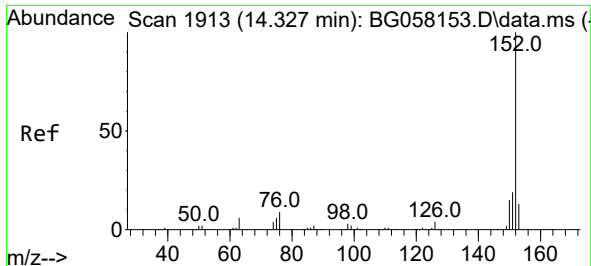
Tgt Ion:163 Resp: 210941
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 20.975 ng/ul
RT: 14.172 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:165 Resp: 44747
Ion Ratio Lower Upper
165 100
89 58.6 42.7 64.1
121 19.4 14.8 22.2

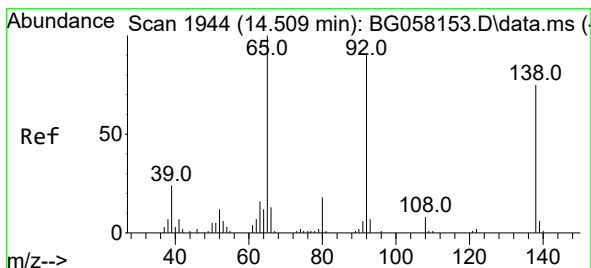
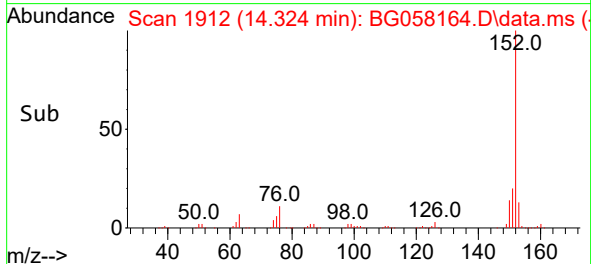
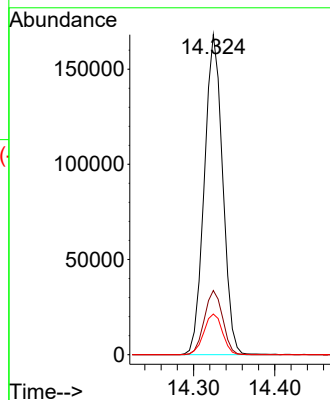
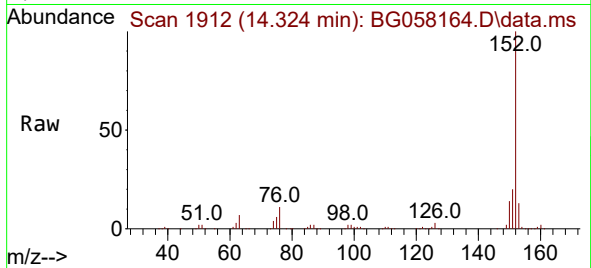




#50
Acenaphthylene
Concen: 21.560 ng/ul
RT: 14.324 min Scan# 1912
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

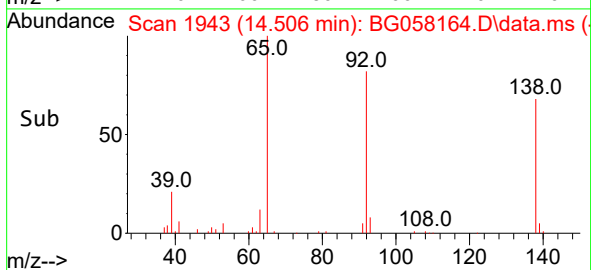
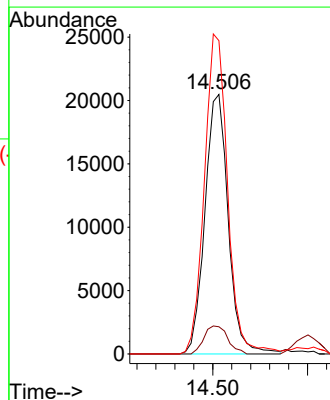
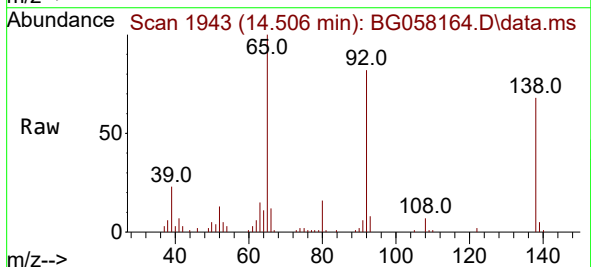
Instrument :
BNA_G
ClientSampleId :

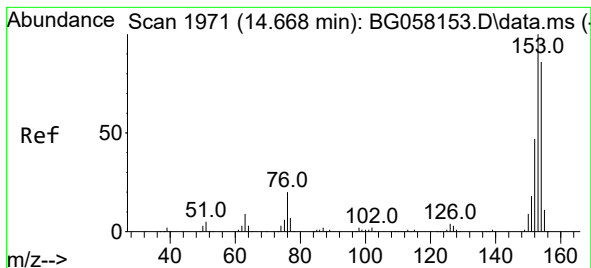
Tgt Ion:152 Resp: 262834
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 12.7 10.5 15.7



#51
3-Nitroaniline
Concen: 19.408 ng/ul
RT: 14.506 min Scan# 1943
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:138 Resp: 34991
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 120.7 100.2 150.4





#52

Acenaphthene

Concen: 21.606 ng/ul

RT: 14.665 min Scan# 1970

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

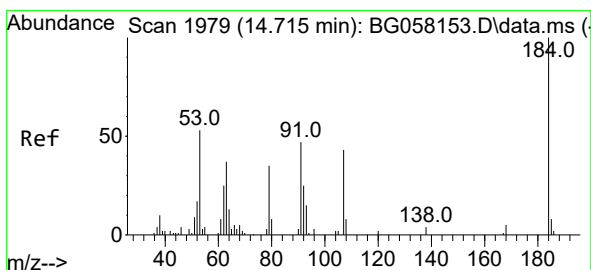
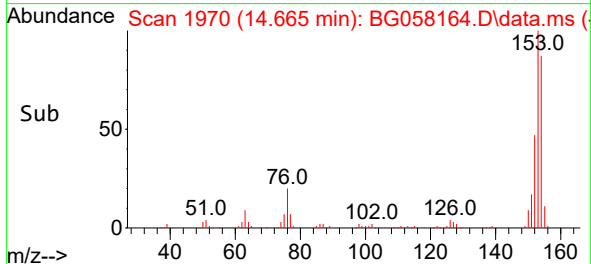
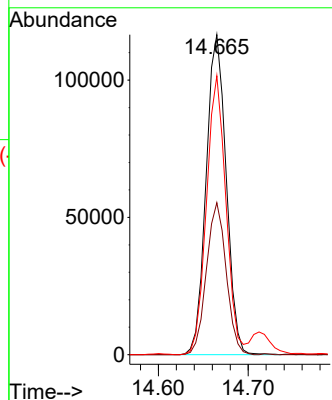
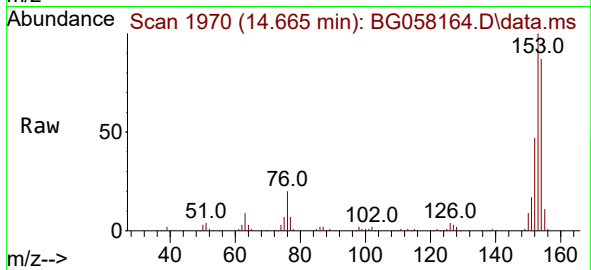
Tgt Ion:153 Resp: 180741

Ion Ratio Lower Upper

153 100

152 47.5 36.5 54.7

154 87.1 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 22.571 ng/ul

RT: 14.712 min Scan# 1978

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

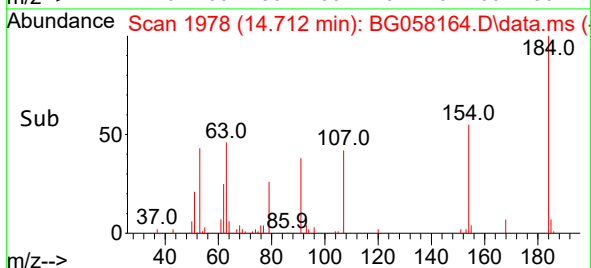
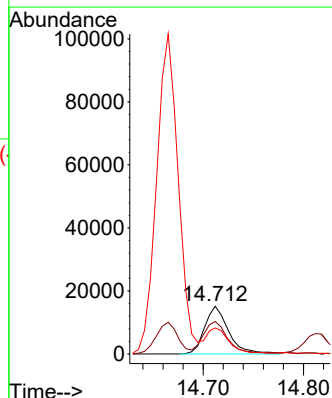
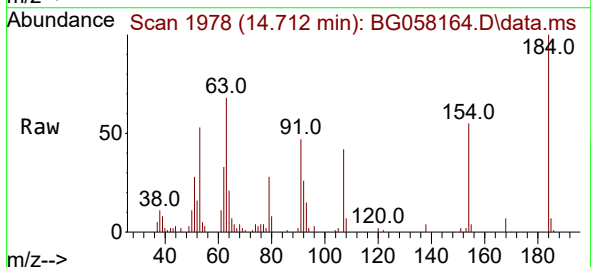
Tgt Ion:184 Resp: 25104

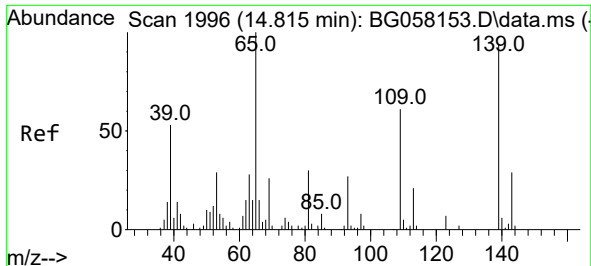
Ion Ratio Lower Upper

184 100

63 68.2 51.1 76.7

154 54.6 43.3 64.9

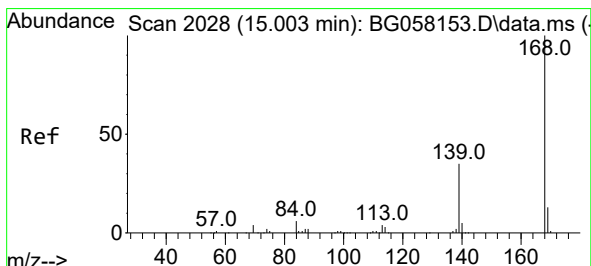
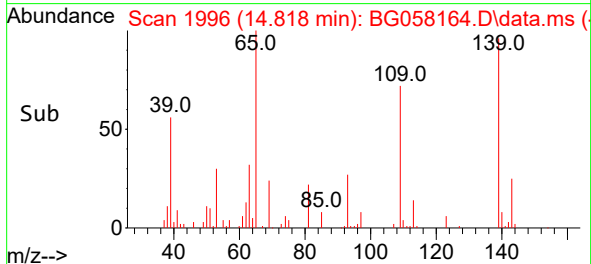
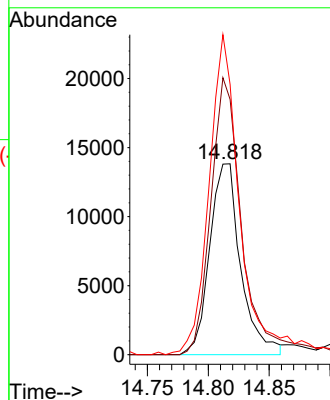
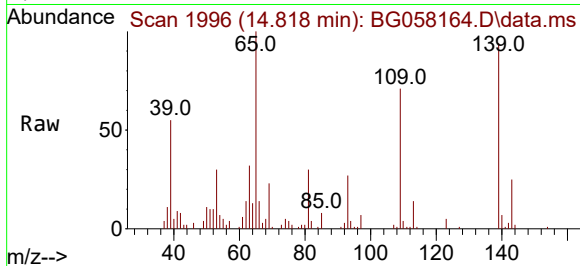




#55
4-Nitrophenol
Concen: 18.091 ng/ul
RT: 14.818 min Scan# 1996
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

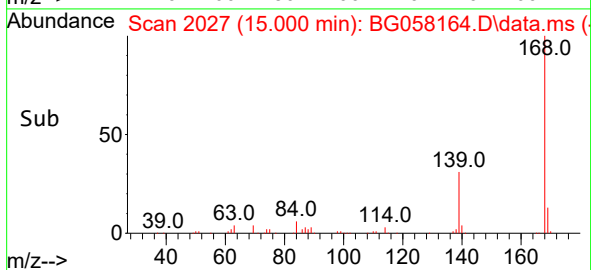
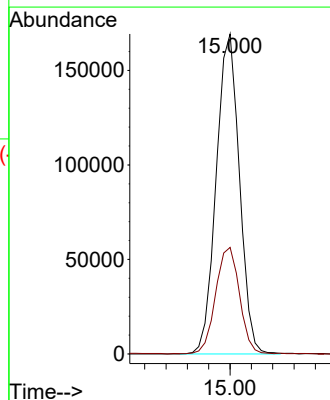
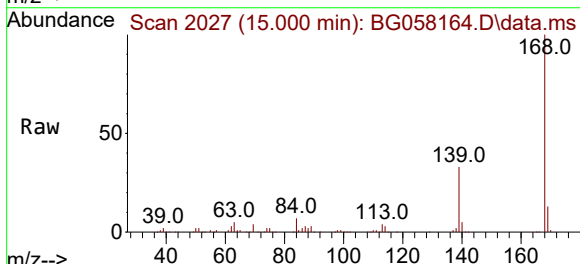
Instrument :
BNA_G
ClientSampleId :

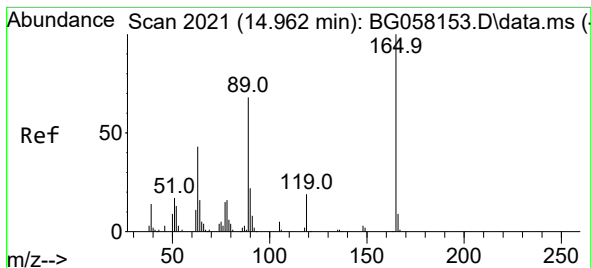
Tgt Ion	Ratio	Lower	Upper
109	100		
139	133.7	119.0	178.4
65	141.5	135.5	203.3



#56
Dibenzofuran
Concen: 21.477 ng/ul
RT: 15.000 min Scan# 2027
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.3	27.6	41.4

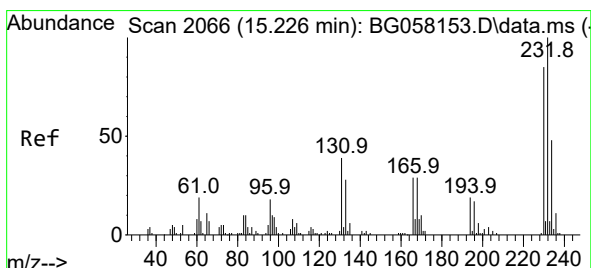
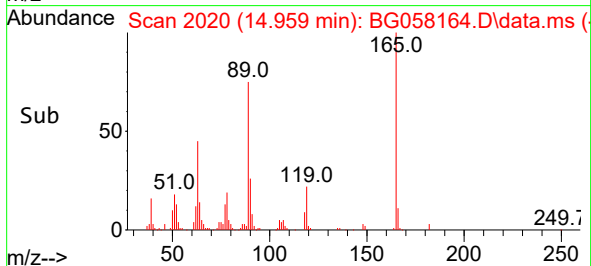
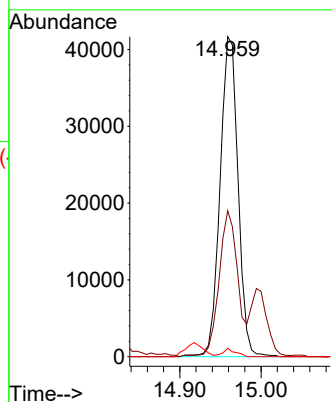
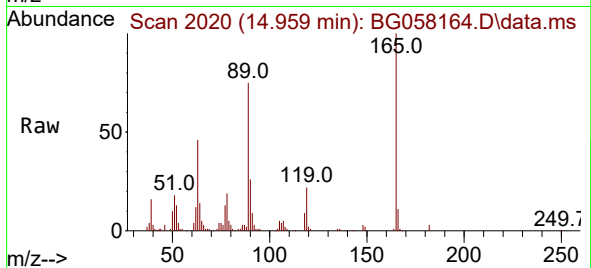




#57
2,4-Dinitrotoluene
Concen: 21.232 ng/ul
RT: 14.959 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

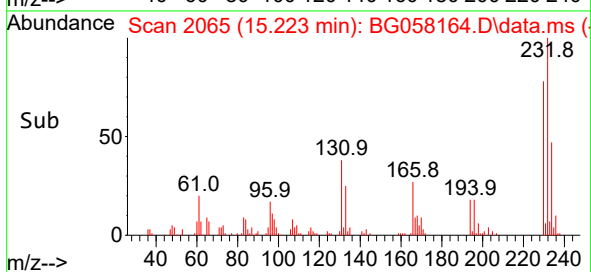
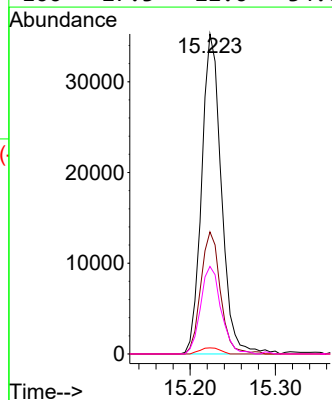
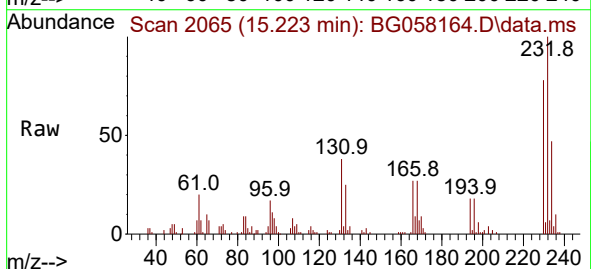
Instrument :
BNA_G
ClientSampleId :

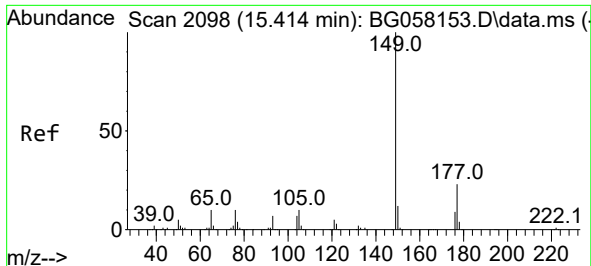
Tgt Ion:165 Resp: 64176
Ion Ratio Lower Upper
165 100
63 45.6 35.8 53.8
182 2.6 1.6 2.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.264 ng/ul
RT: 15.223 min Scan# 2065
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

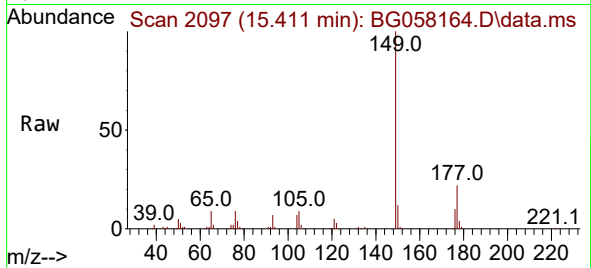
Tgt Ion:232 Resp: 56694
Ion Ratio Lower Upper
232 100
131 38.2 30.5 45.7
130 1.9 1.4 2.0
166 27.3 22.6 34.0



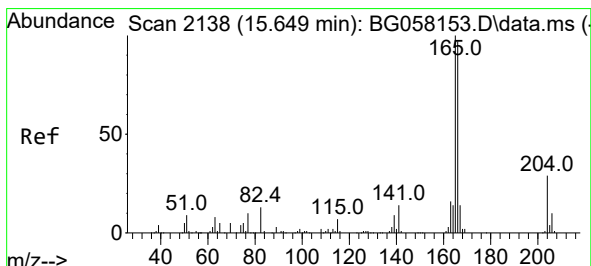
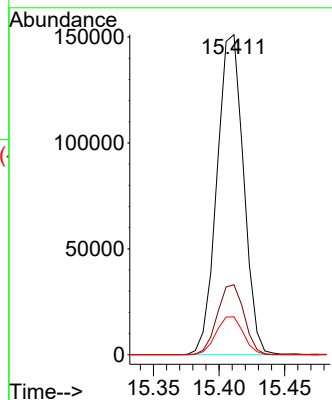
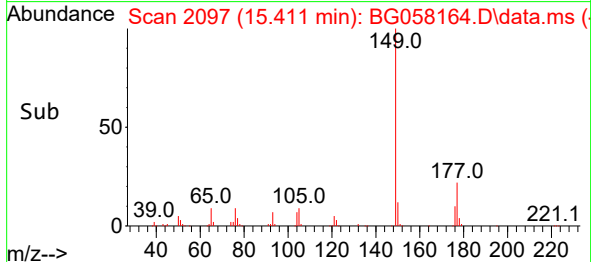


#59
Diethylphthalate
Concen: 19.625 ng/ul
RT: 15.411 min Scan# 2097
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_G
ClientSampleId :

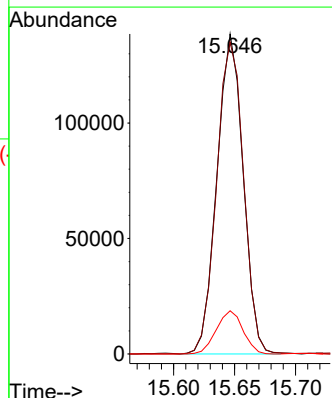
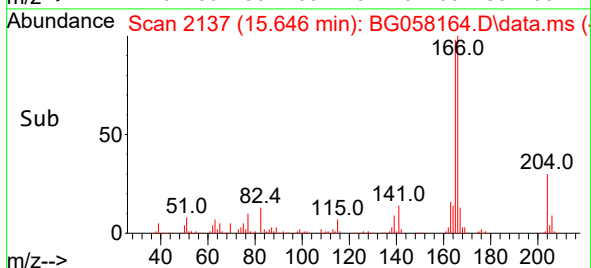
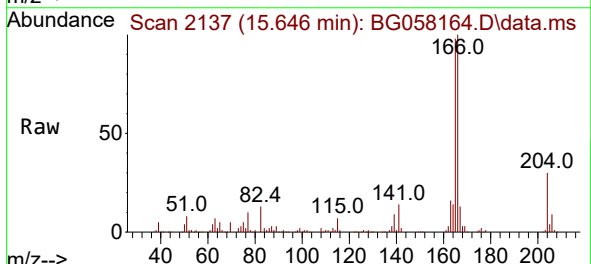


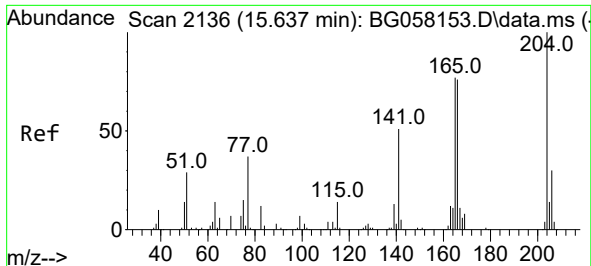
Tgt Ion:149 Resp: 212894
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 11.9 10.1 15.1



#61
Fluorene
Concen: 21.256 ng/ul
RT: 15.646 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:166 Resp: 207393
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.5 10.7 16.1





#62

4-Chlorophenyl-phenylether

Concen: 21.293 ng/ul

RT: 15.635 min Scan# 2135

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

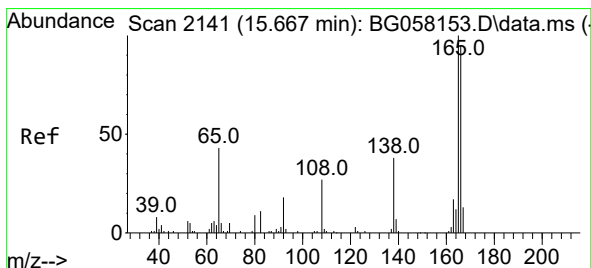
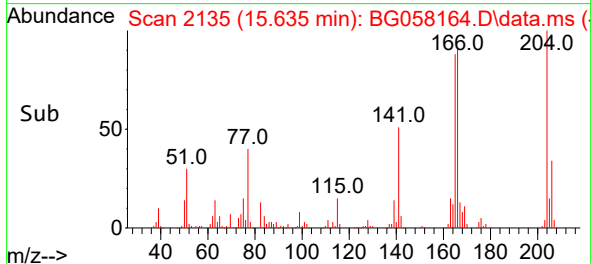
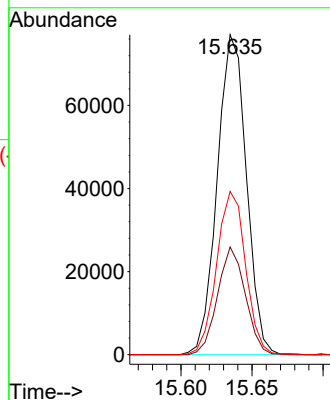
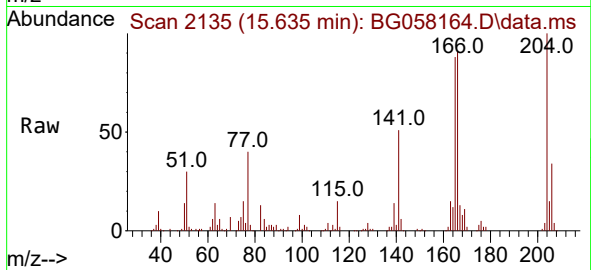
Tgt Ion:204 Resp: 109930

Ion Ratio Lower Upper

204 100

206 33.6 25.8 38.6

141 51.0 41.8 62.6



#63

4-Nitroaniline

Concen: 12.368 ng/ul

RT: 15.664 min Scan# 2140

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

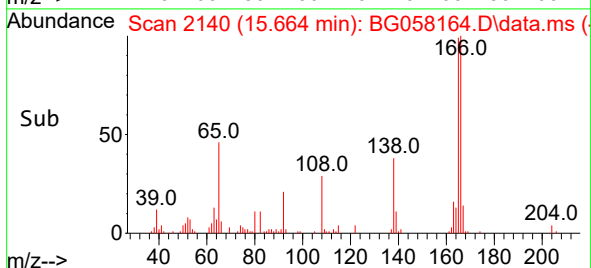
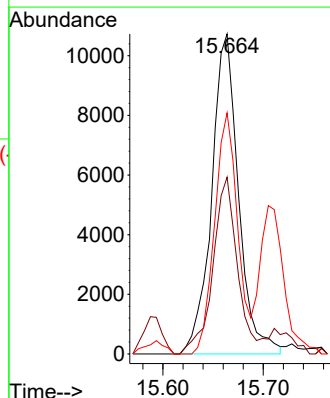
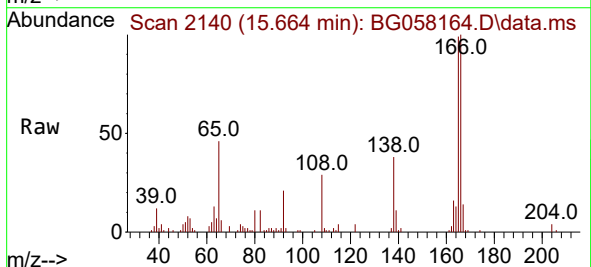
Tgt Ion:138 Resp: 19975

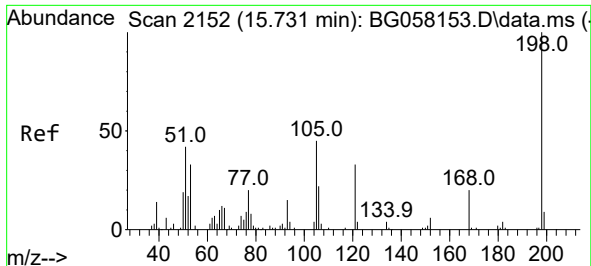
Ion Ratio Lower Upper

138 100

92 55.2 43.8 65.8

108 75.3 58.8 88.2

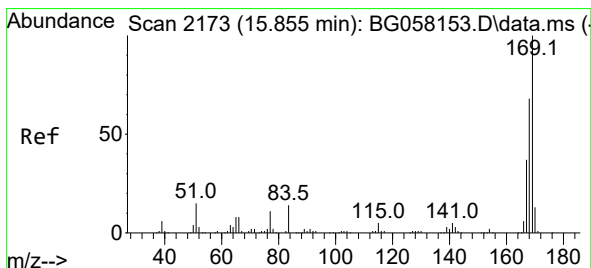
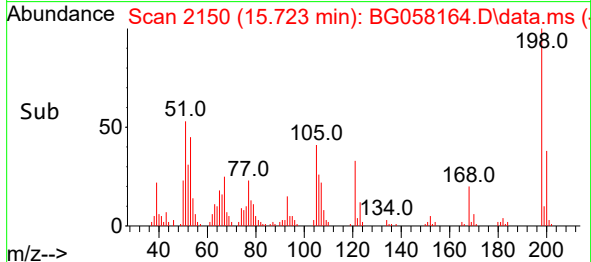
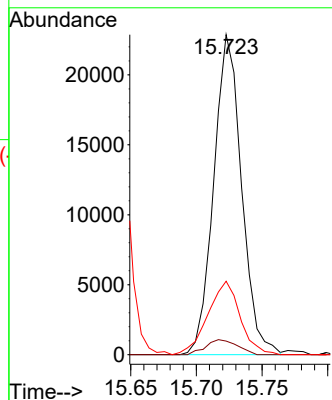
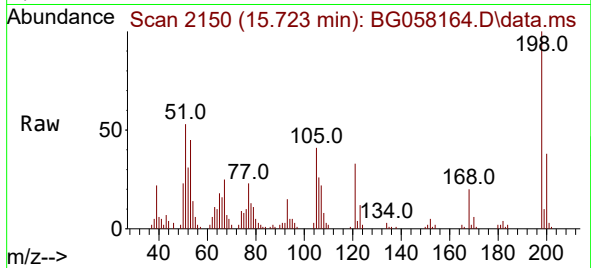




#66
4,6-Dinitro-2-methylphenol
Concen: 19.825 ng/ul
RT: 15.723 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

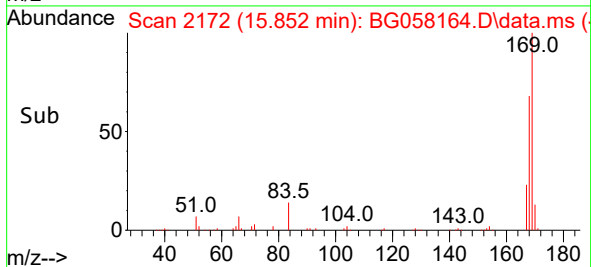
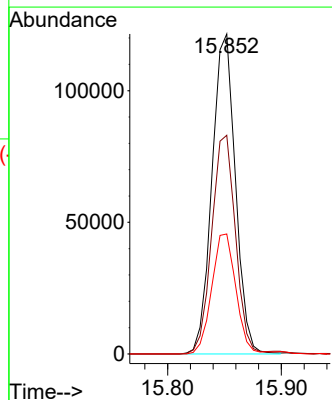
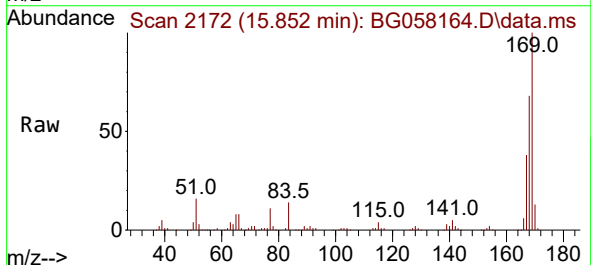
Instrument :
BNA_G
ClientSampleId :

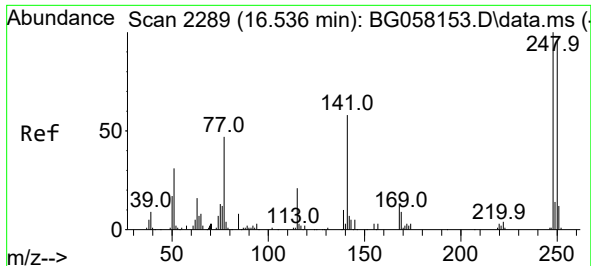
Tgt Ion:198 Resp: 33731
Ion Ratio Lower Upper
198 100
182 4.2 3.1 4.7
77 22.9 17.9 26.9



#67
N-Nitrosodiphenylamine
Concen: 21.338 ng/ul
RT: 15.852 min Scan# 2172
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:169 Resp: 174003
Ion Ratio Lower Upper
169 100
168 68.3 54.2 81.2
167 37.5 30.8 46.2

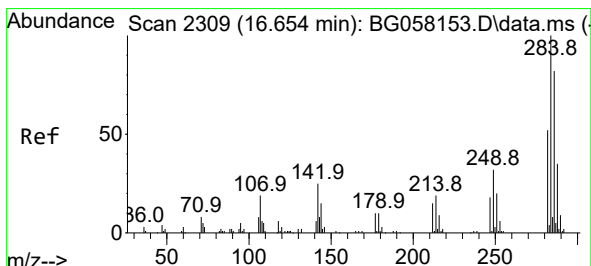
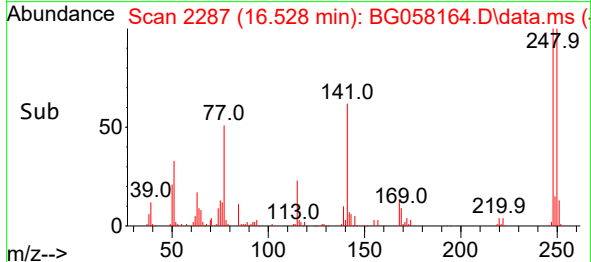
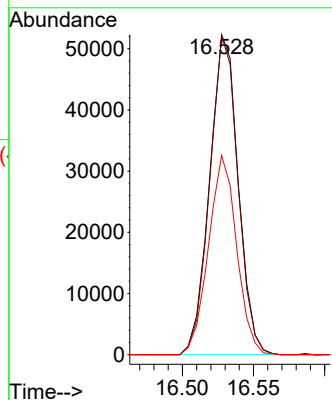
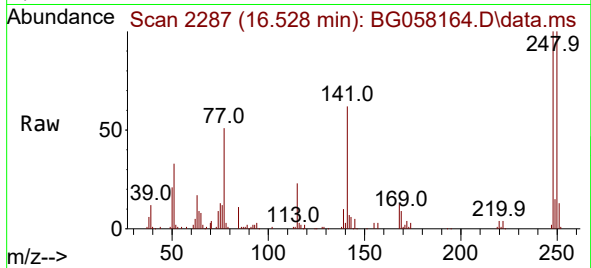




#68
4-Bromophenyl-phenylether
Concen: 21.720 ng/ul
RT: 16.528 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

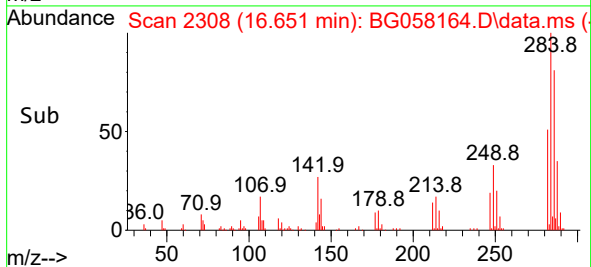
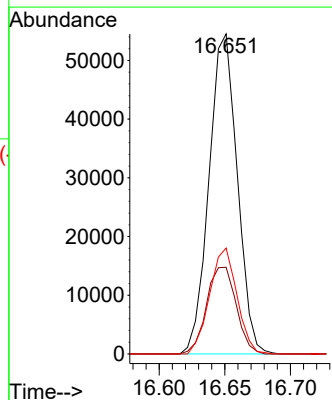
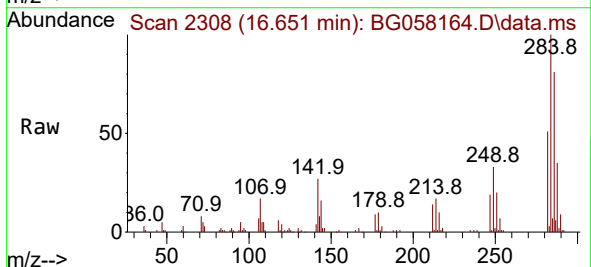
Instrument :
BNA_G
ClientSampleId :

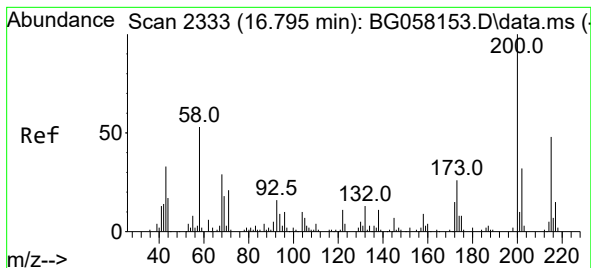
Tgt Ion:248 Resp: 73051
Ion Ratio Lower Upper
248 100
250 99.7 78.3 117.5
141 62.3 49.1 73.7



#69
Hexachlorobenzene
Concen: 21.700 ng/ul
RT: 16.651 min Scan# 2308
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:284 Resp: 81715
Ion Ratio Lower Upper
284 100
142 27.1 21.9 32.9
249 33.1 25.0 37.6





#70

Atrazine

Concen: 20.269 ng/ul

RT: 16.792 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

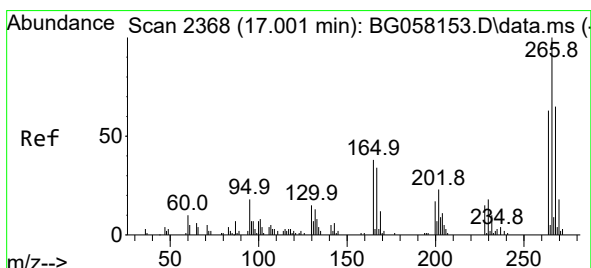
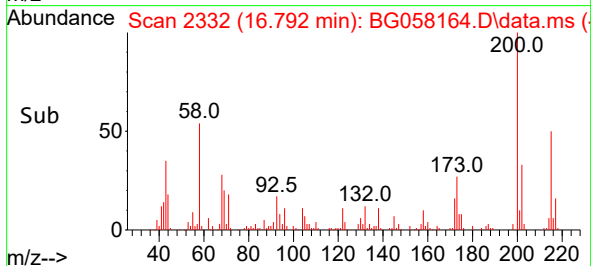
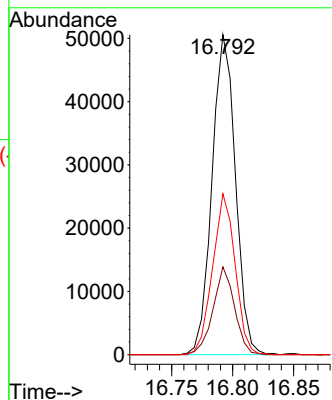
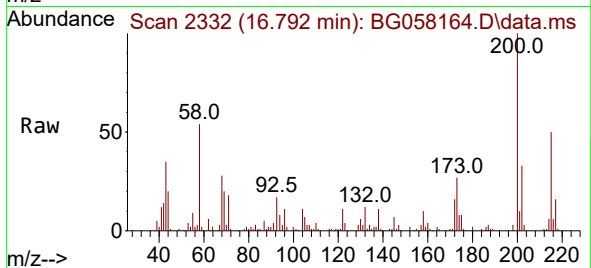
Tgt Ion:200 Resp: 67587

Ion Ratio Lower Upper

200 100

173 27.5 20.0 30.0

215 50.3 35.8 53.8



#71

Pentachlorophenol

Concen: 21.648 ng/ul

RT: 16.992 min Scan# 2366

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

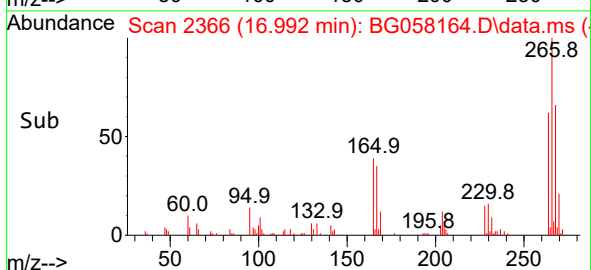
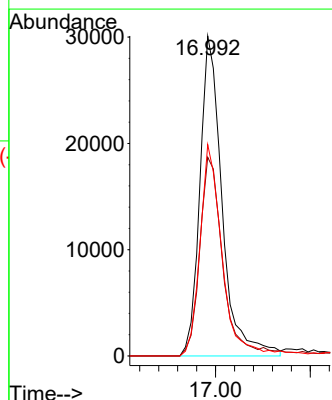
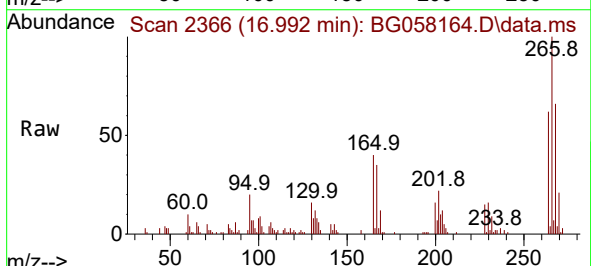
Tgt Ion:266 Resp: 48939

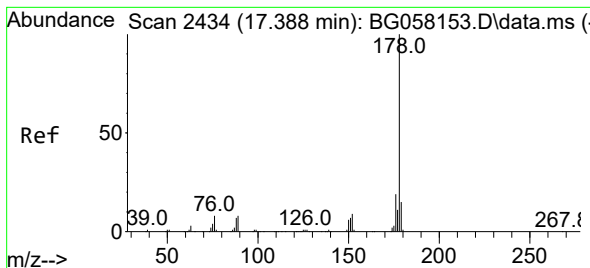
Ion Ratio Lower Upper

266 100

264 62.1 51.5 77.3

268 66.1 49.0 73.4





#72

Phenanthrene

Concen: 21.461 ng/ul

RT: 17.385 min Scan# 2434

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

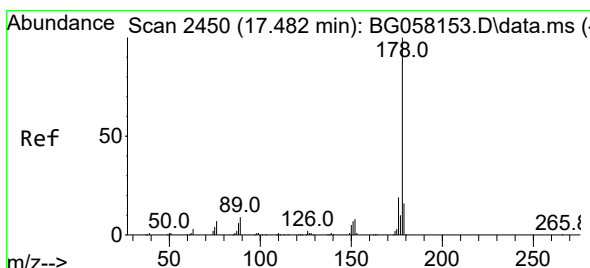
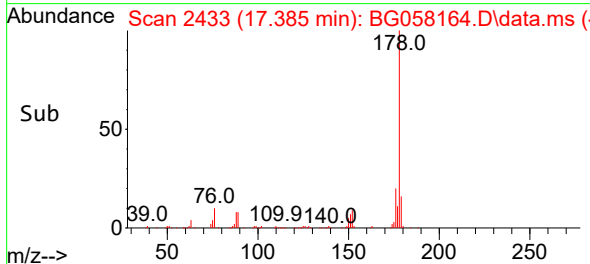
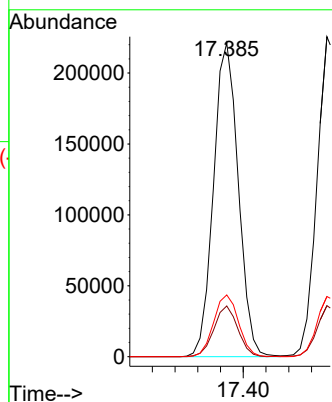
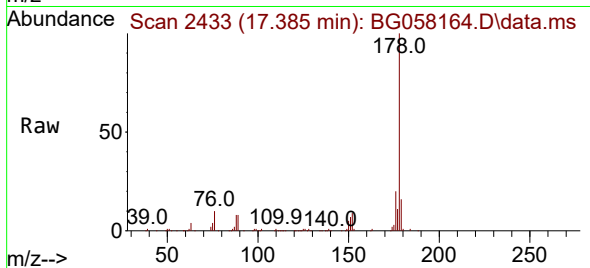
Tgt Ion:178 Resp: 334491

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

176 19.7 15.7 23.5



#74

Anthracene

Concen: 21.422 ng/ul

RT: 17.474 min Scan# 2448

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

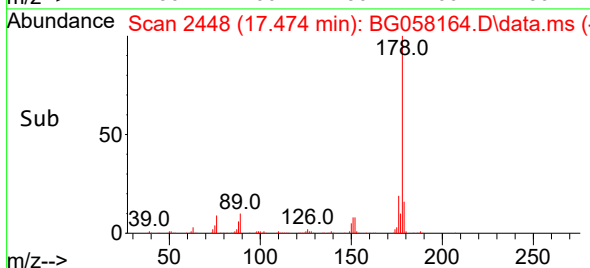
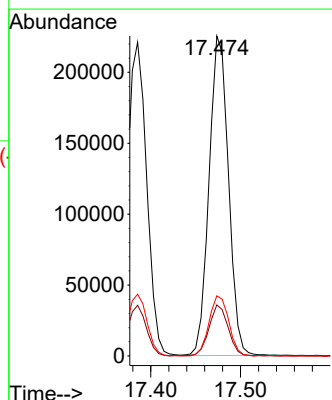
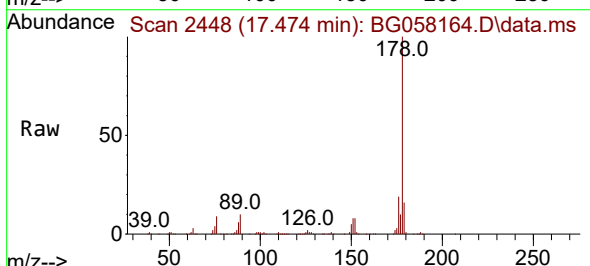
Tgt Ion:178 Resp: 337876

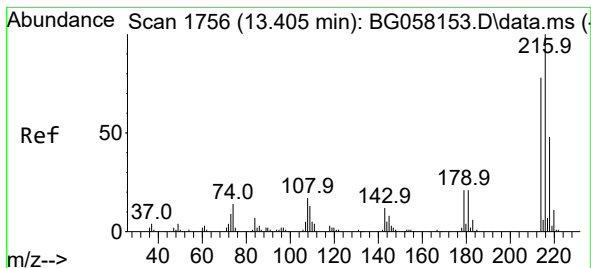
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 18.8 15.4 23.2

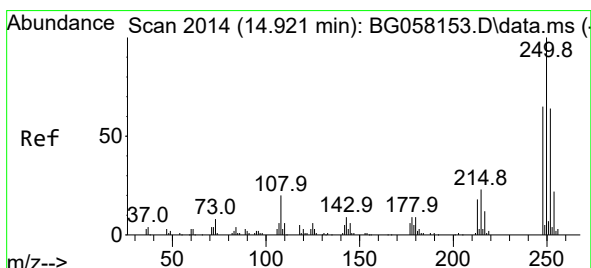
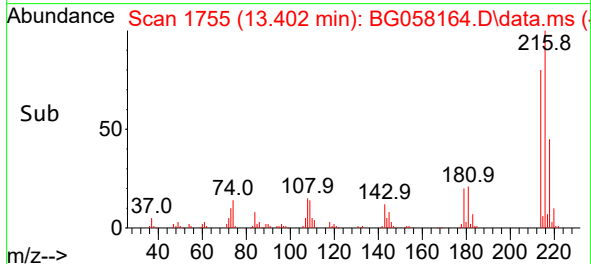
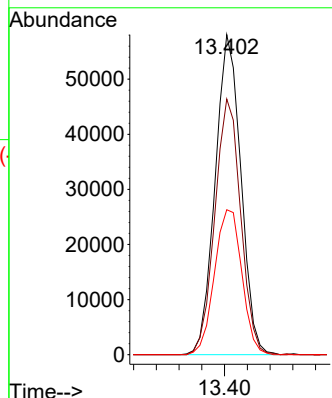
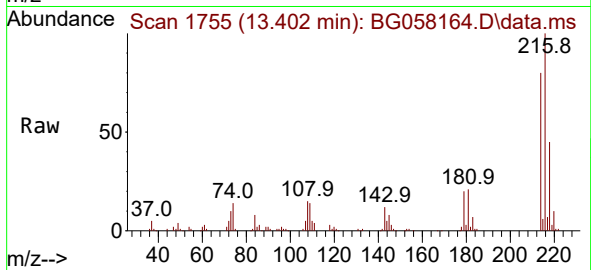




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.468 ng/uL
RT: 13.402 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

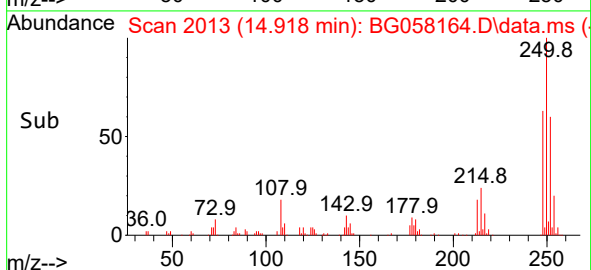
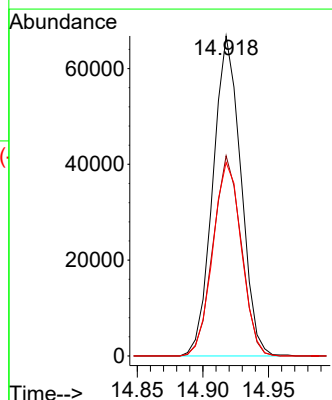
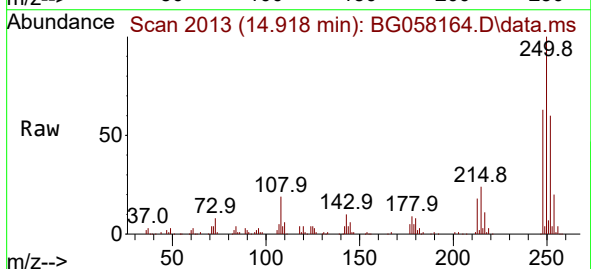
Instrument :
BNA_G
ClientSampleId :

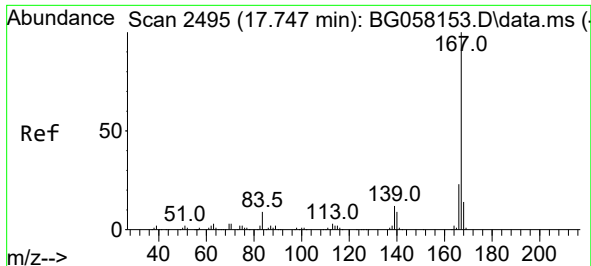
Tgt Ion:216 Resp: 91302
Ion Ratio Lower Upper
216 100
214 79.9 64.8 97.2
218 45.3 39.1 58.7



#76
Pentachlorobenzene
Concen: 22.789 ng/uL
RT: 14.918 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:250 Resp: 98904
Ion Ratio Lower Upper
250 100
248 62.6 52.8 79.2
252 60.5 52.4 78.6

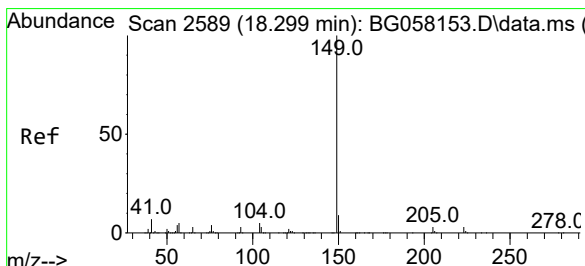
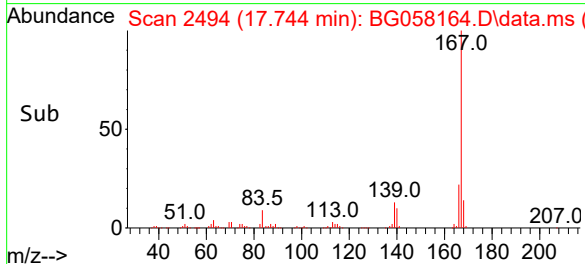
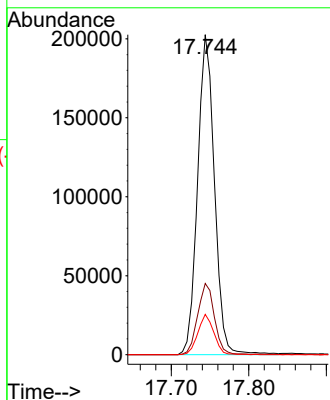
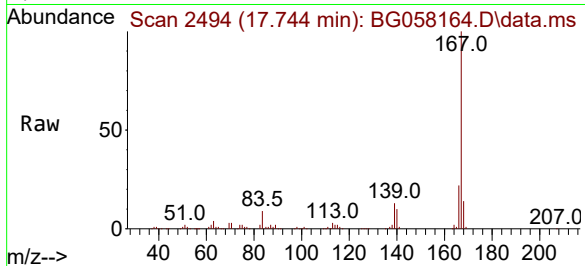




#77
Carbazole
Concen: 21.483 ng/ul
RT: 17.744 min Scan# 2495
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

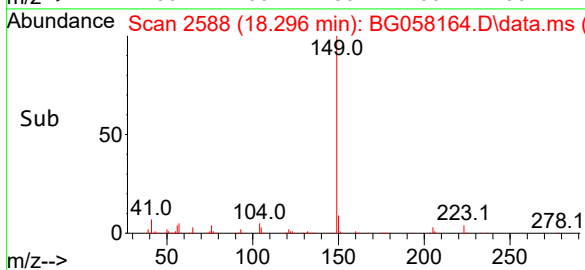
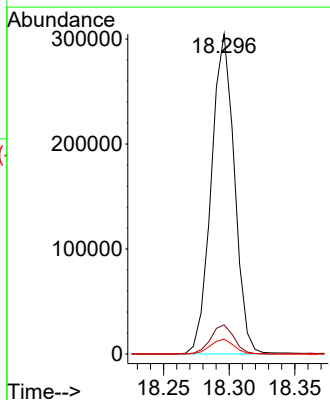
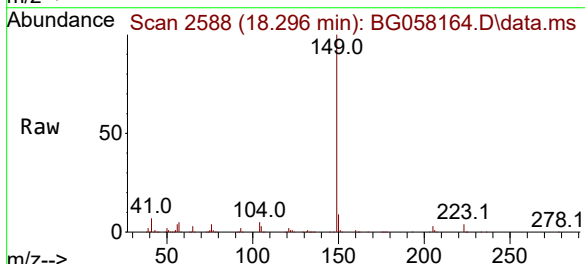
Instrument :
BNA_G
ClientSampleId :

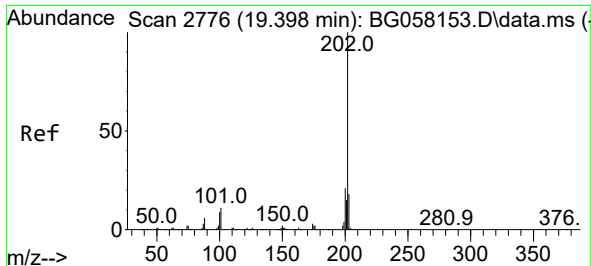
Tgt Ion:167 Resp: 306447
Ion Ratio Lower Upper
167 100
166 22.2 17.5 26.3
139 12.6 9.5 14.3



#78
Di-n-butylphthalate
Concen: 20.598 ng/ul
RT: 18.296 min Scan# 2588
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:149 Resp: 374276
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.6 3.9 5.9

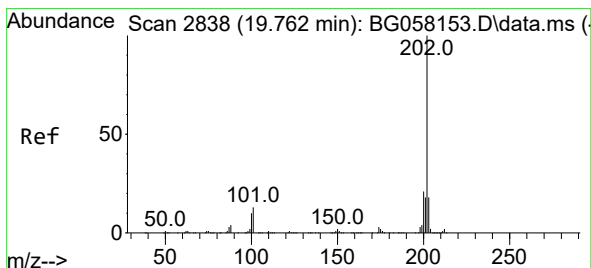
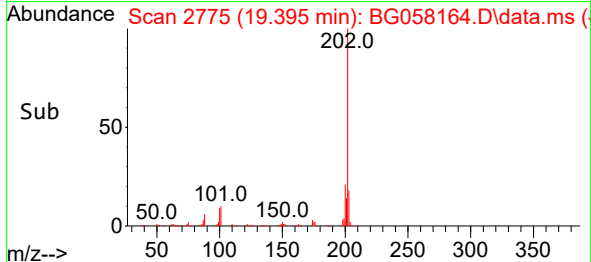
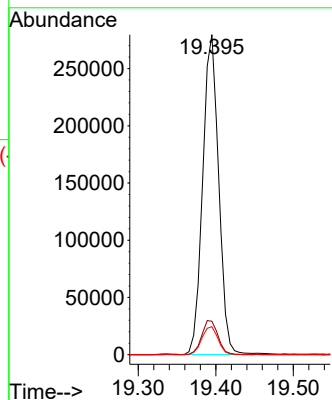
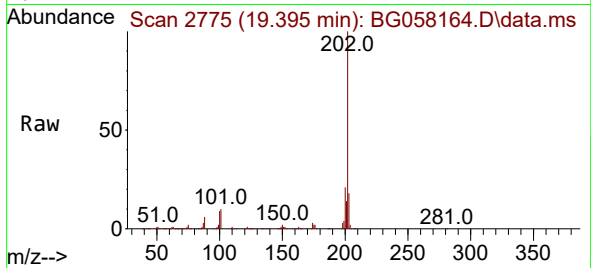




#80
Fluoranthene
Concen: 20.114 ng/ul
RT: 19.395 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

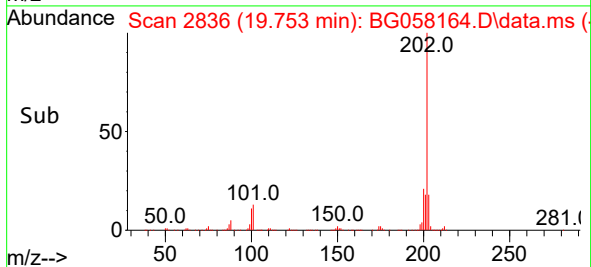
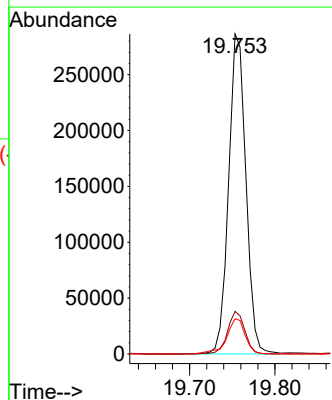
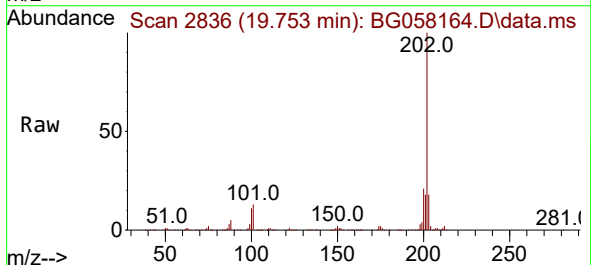
Instrument :
BNA_G
ClientSampleId :

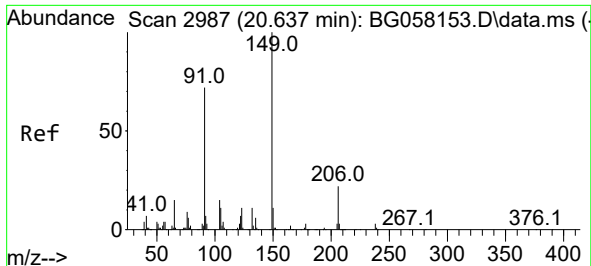
Tgt Ion:202 Resp: 400175
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 8.8 7.1 10.7



#82
Pyrene
Concen: 20.182 ng/ul
RT: 19.753 min Scan# 2836
Delta R.T. -0.003 min
Lab File: BG058164.D
Acq: 11 Jul 2023 18:22

Tgt Ion:202 Resp: 404177
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.2
100 11.0 8.9 13.3

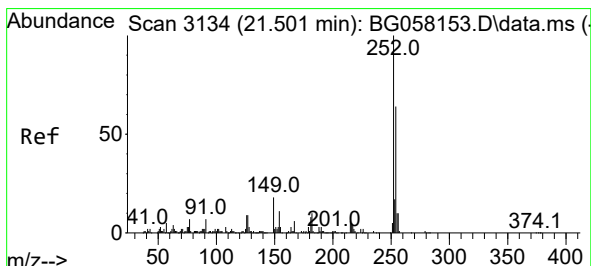
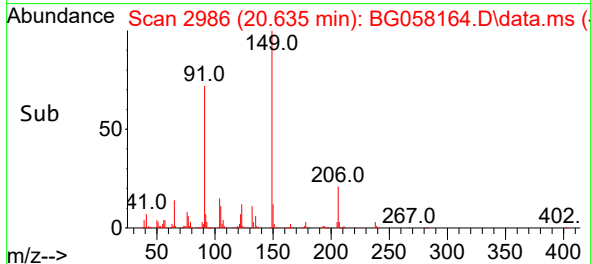
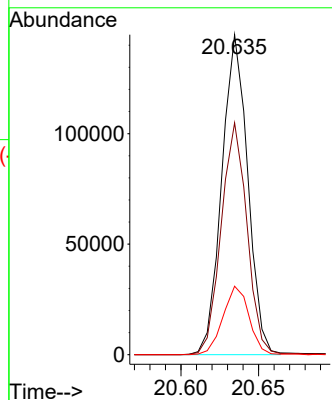
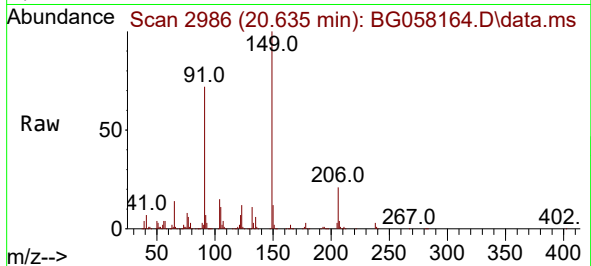




#83
 Butylbenzylphthalate
 Concen: 20.740 ng/ul
 RT: 20.635 min Scan# 2986
 Delta R.T. -0.003 min
 Lab File: BG058164.D
 Acq: 11 Jul 2023 18:22

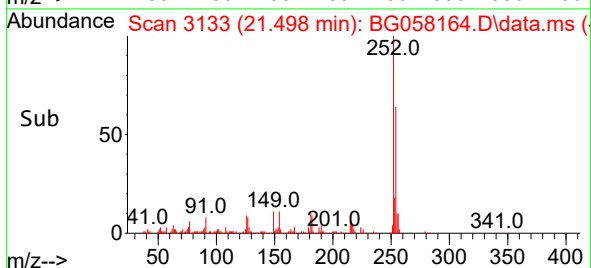
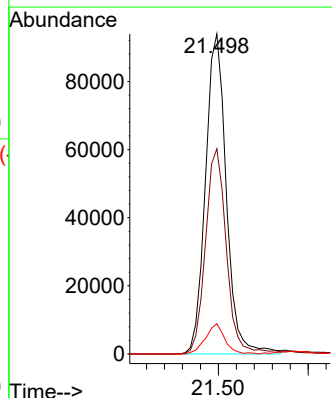
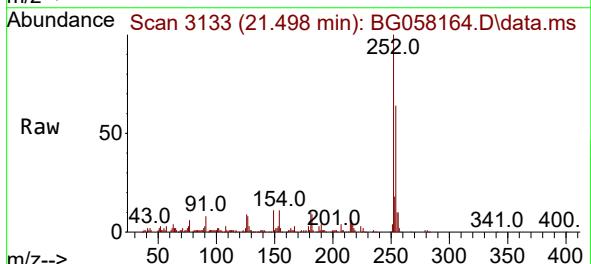
Instrument :
 BNA_G
 ClientSampleId :

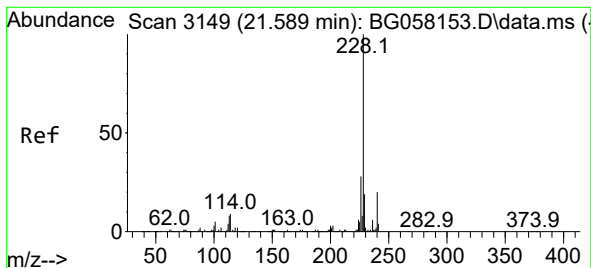
Tgt Ion:149 Resp: 168429
 Ion Ratio Lower Upper
 149 100
 91 72.5 56.5 84.7
 206 21.4 17.4 26.0



#84
 3,3'-Dichlorobenzidine
 Concen: 22.960 ng/ul
 RT: 21.498 min Scan# 3133
 Delta R.T. 0.003 min
 Lab File: BG058164.D
 Acq: 11 Jul 2023 18:22

Tgt Ion:252 Resp: 151532
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 9.5 6.6 10.0





#85

Benzo(a)anthracene

Concen: 20.875 ng/ul

RT: 21.581 min Scan# 3149

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

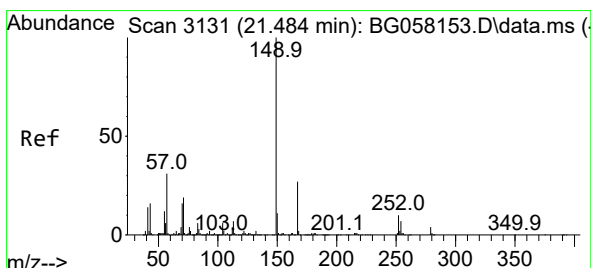
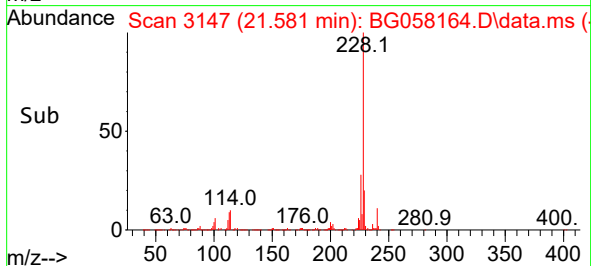
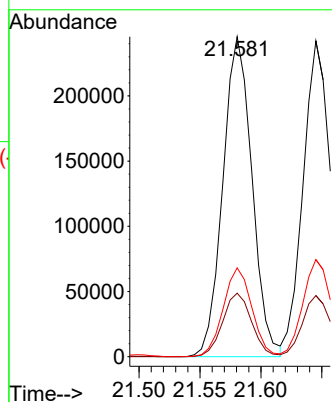
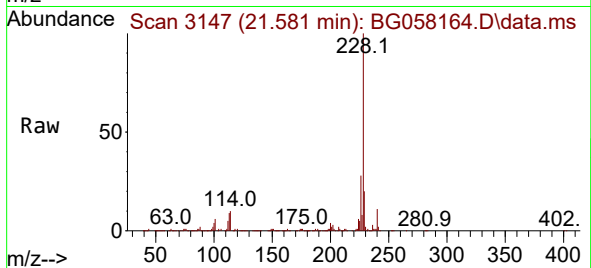
Tgt Ion:228 Resp: 408609

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

226 27.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.995 ng/ul

RT: 21.481 min Scan# 3130

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

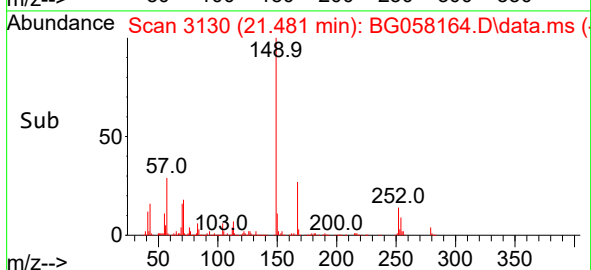
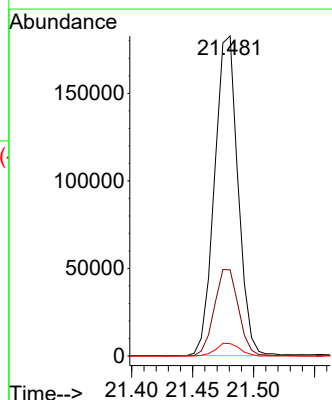
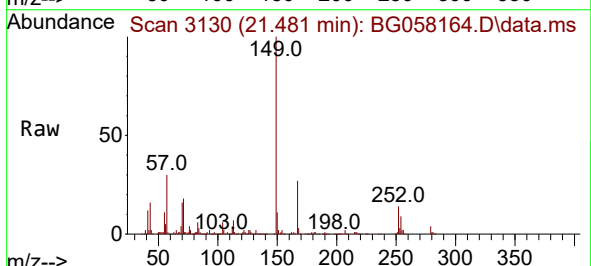
Tgt Ion:149 Resp: 244325

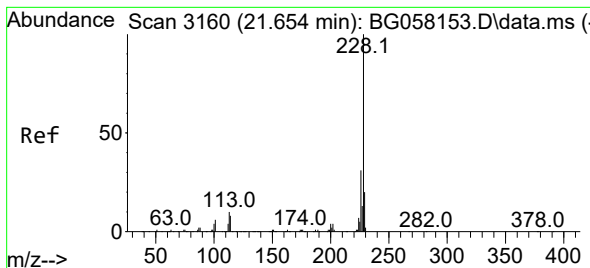
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.9 3.1 4.7





#87

Chrysene

Concen: 21.316 ng/ul

RT: 21.645 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

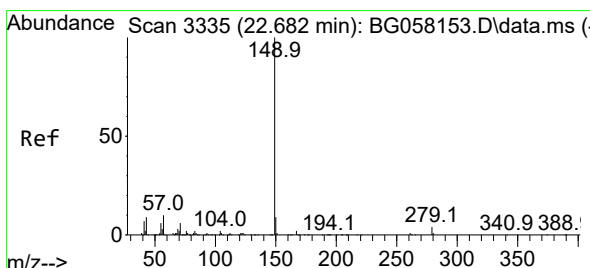
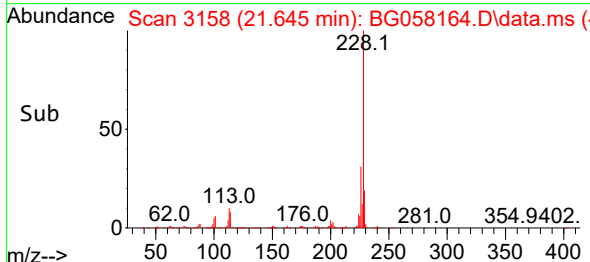
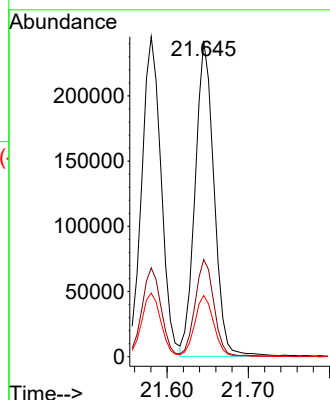
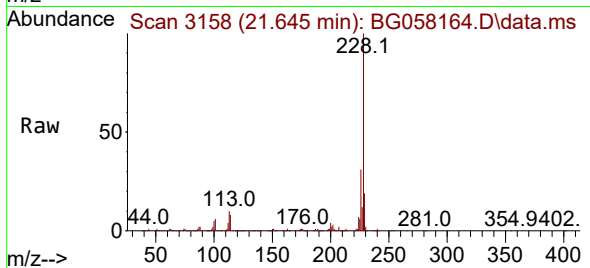
Tgt Ion:228 Resp: 391150

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.3 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.238 ng/ul

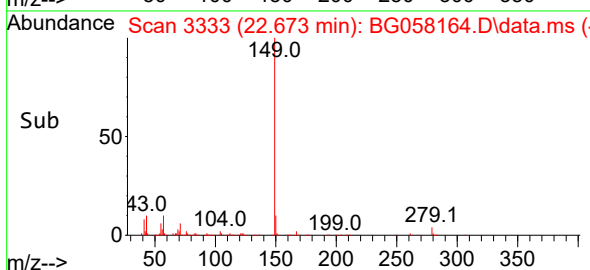
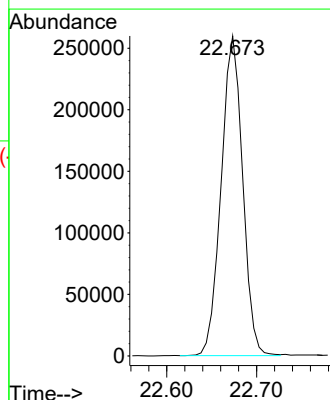
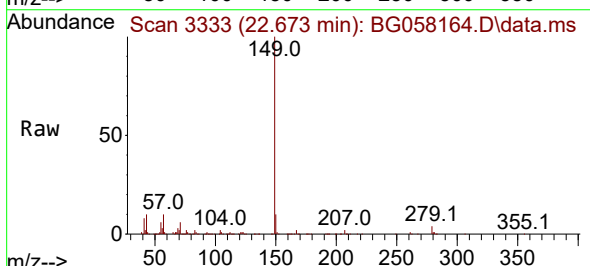
RT: 22.673 min Scan# 3333

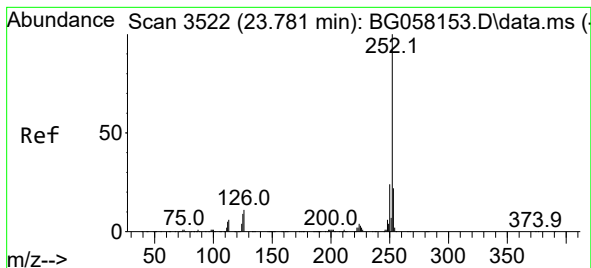
Delta R.T. -0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Tgt Ion:149 Resp: 431878





#90

Benzo(b)fluoranthene

Concen: 20.661 ng/ul

RT: 23.778 min Scan# 3

Delta R.T. 0.009 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

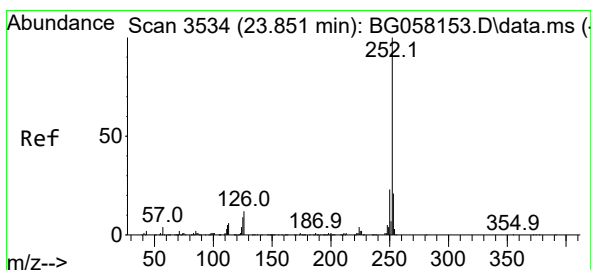
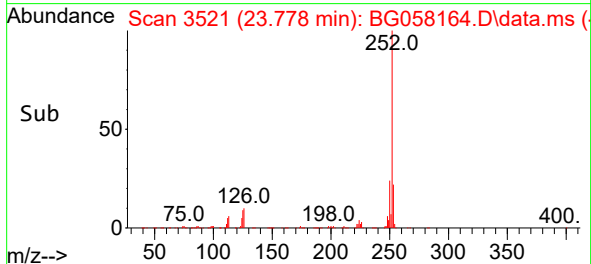
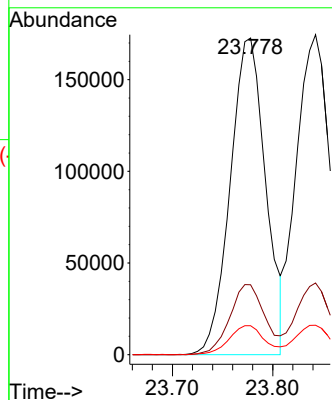
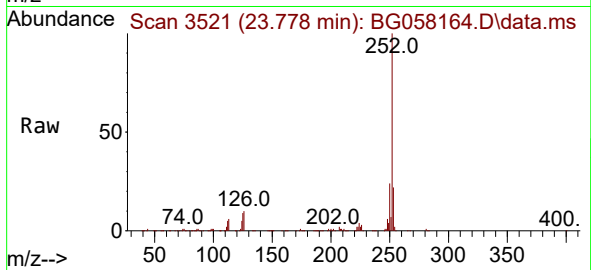
Tgt Ion:252 Resp: 423393

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 9.1 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 20.785 ng/ul

RT: 23.843 min Scan# 3532

Delta R.T. 0.003 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

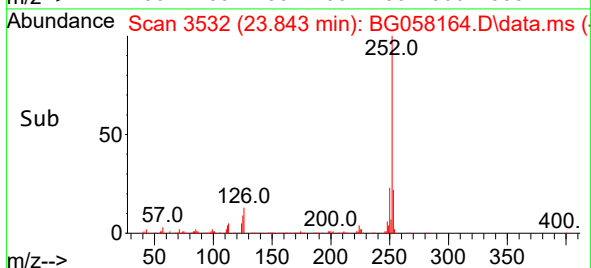
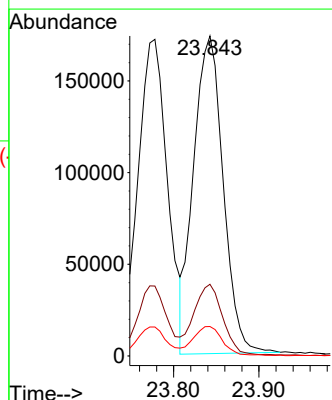
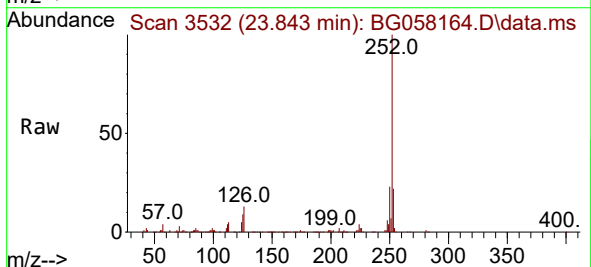
Tgt Ion:252 Resp: 417483

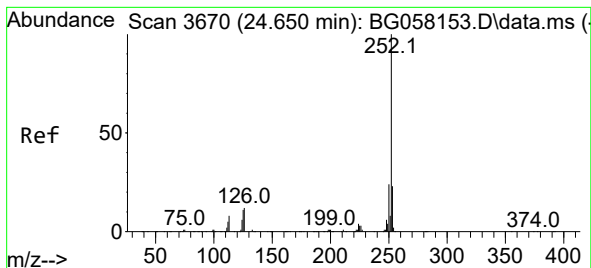
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 20.791 ng/ul

RT: 24.636 min Scan# 3

Delta R.T. -0.003 min

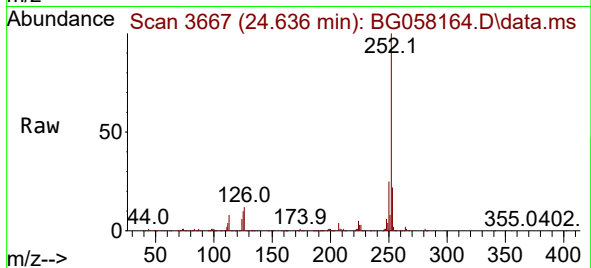
Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :



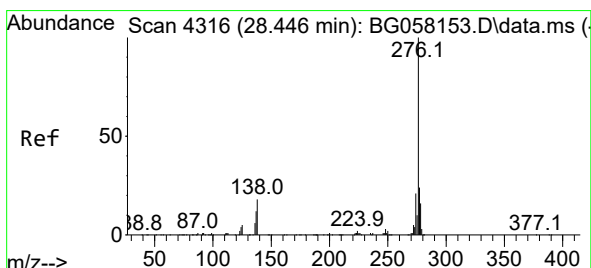
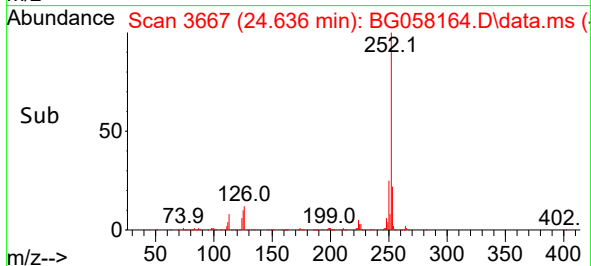
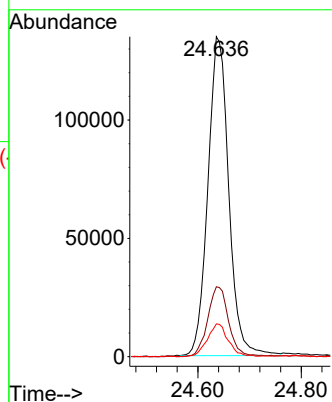
Tgt Ion:252 Resp: 377099

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.2 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.146 ng/ul

RT: 28.437 min Scan# 4314

Delta R.T. 0.015 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

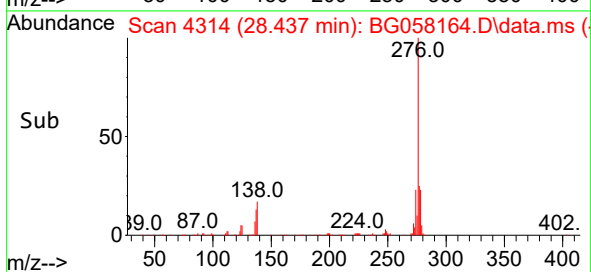
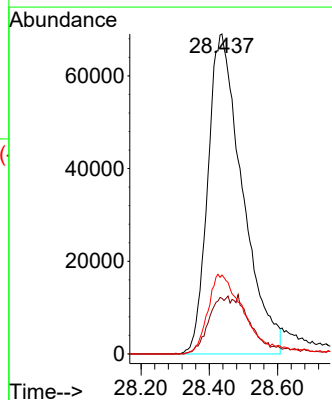
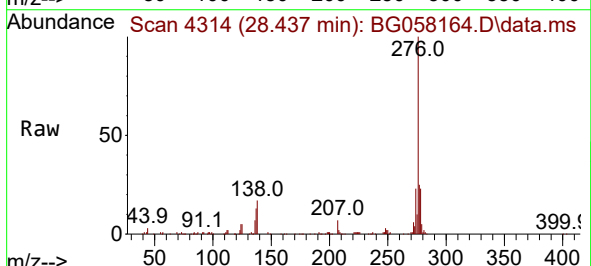
Tgt Ion:276 Resp: 485219

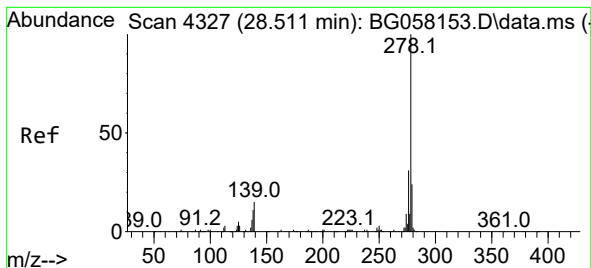
Ion Ratio Lower Upper

276 100

138 17.4 14.0 21.0

277 24.6 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 19.629 ng/ul

RT: 28.490 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG058164.D

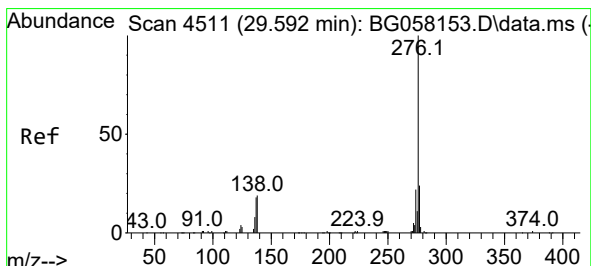
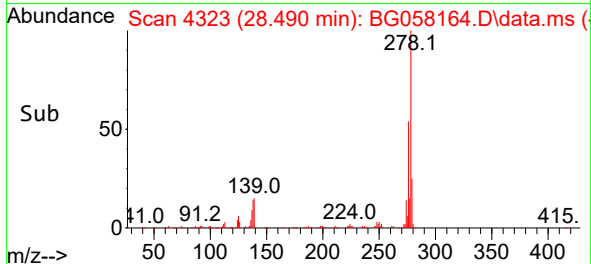
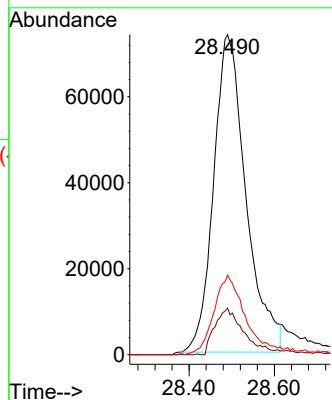
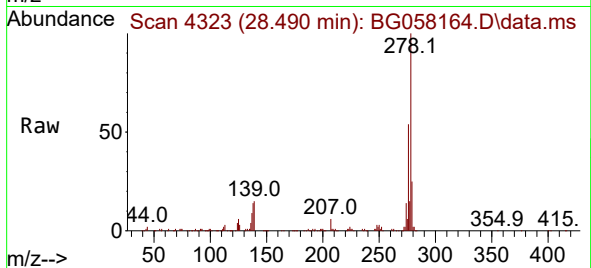
Acq: 11 Jul 2023 18:22

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:278	Resp: 389851
Ion Ratio	Lower Upper
278 100	
139 14.5	11.3 16.9
279 24.9	18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 18.949 ng/ul

RT: 29.571 min Scan# 4507

Delta R.T. 0.009 min

Lab File: BG058164.D

Acq: 11 Jul 2023 18:22

Tgt Ion:276	Resp: 372771
Ion Ratio	Lower Upper
276 100	
138 18.6	14.2 21.2
277 23.1	18.6 27.8

