

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058084.D
 Acq On : 8 Jul 2023 8:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020501

Quant Time: Jul 09 00:42:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	33103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.720	136	147571	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.556	164	105795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.300	188	277283	20.000	ng/ul	0.00
79) Chrysene-d12	21.554	240	266968	20.000	ng/ul	0.00
88) Perylene-d12	24.703	264	329840	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	8417	8.904	ng/uL	0.00
4) Pyridine-d5	3.763	84	63406	22.093	ng/ul	0.00
7) Phenol-d5	7.077	99	70469	20.845	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	43181	21.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.447	132	48822	20.939	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	51067	20.019	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	25345	21.072	ng/ul	0.00
24) 2-Nitrophenol-d4	9.797	143	28061	22.198	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	52638	21.707	ng/ul	0.00
31) 4-Chloroaniline-d4	10.855	131	82574	22.459	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	178697	21.408	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	200333	21.993	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	30934	20.975	ng/ul	0.00
60) Fluorene-d10	15.544	176	159019	22.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	30158	20.030	ng/ul	0.00
73) Anthracene-d10	17.394	188	283275	22.016	ng/ul	0.00
81) Pyrene-d10	19.686	212	347073	20.642	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.486	264	353212	21.019	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	9706	8.311	ng/uL	95
5) Pyridine	3.787	79	65519	22.281	ng/ul	97
6) Benzaldehyde	7.059	77	14271	12.640	ng/ul	91
8) Phenol	7.106	94	72209	21.049	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.335	93	55485	20.947	ng/ul	98
12) 2-Chlorophenol	7.482	128	49978	20.598	ng/ul	98
13) 2-Methylphenol	8.358	108	54287	20.149	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.440	45	87619	21.489	ng/ul	98
16) Acetophenone	8.740	105	92055	21.751	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	47719	21.092	ng/ul	97
18) 4-Methylphenol	8.687	108	59889	20.557	ng/ul	95
19) Hexachloroethane	8.998	117	19862	21.354	ng/ul	96
22) Nitrobenzene	9.122	77	66086	21.165	ng/ul	99
23) Isophorone	9.639	82	138629	20.807	ng/ul	99
25) 2-Nitrophenol	9.833	139	29165	21.501	ng/ul#	95
26) 2,4-Dimethylphenol	9.891	107	66291	21.734	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.126	93	79143	21.080	ng/ul	99
29) 2,4-Dichlorophenol	10.367	162	51641	21.903	ng/ul	95
30) Naphthalene	10.773	128	179124	21.599	ng/ul	99
32) 4-Chloroaniline	10.878	127	86186	22.926	ng/ul	99
33) Hexachlorobutadiene	11.055	225	35869	21.489	ng/ul	95
34) Caprolactam	11.625	113	19639	20.718	ng/ul	94
35) 4-Chloro-3-methylphenol	12.006	107	64717	22.345	ng/ul	97
36) 2-Methylnaphthalene	12.377	142	119544	21.384	ng/ul	93

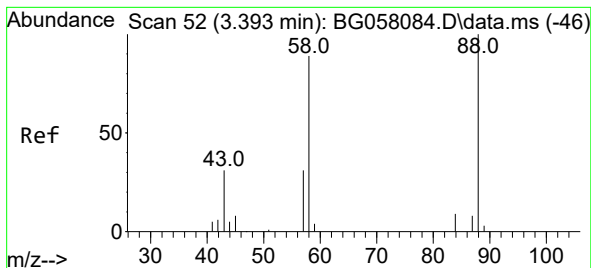
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	122648	21.878	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.747	216	69817	21.655	ng/ul	99
40) Hexachlorocyclopentadiene	12.723	237	37168	18.303	ng/ul	97
41) 2,4,6-Trichlorophenol	12.988	196	47899	21.920	ng/ul	97
42) 2,4,5-Trichlorophenol	13.064	196	51084	21.617	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	164655	21.597	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	131669	21.519	ng/ul	98
45) 2-Nitroaniline	13.634	65	46969	22.078	ng/ul	95
47) Dimethylphthalate	14.004	163	182493	21.761	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	37250	21.639	ng/ul	91
50) Acenaphthylene	14.274	152	214776	21.835	ng/ul	99
51) 3-Nitroaniline	14.457	138	26579	18.271	ng/ul#	94
52) Acenaphthene	14.615	153	146514	21.706	ng/ul	98
53) 2,4-Dinitrophenol	14.662	184	16698	18.606	ng/ul	96
55) 4-Nitrophenol	14.768	109	24375	22.311	ng/ul	91
56) Dibenzofuran	14.950	168	211935	22.088	ng/ul	99
57) 2,4-Dinitrotoluene	14.915	165	57508	23.579	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.179	232	49077	22.813	ng/ul	99
59) Diethylphthalate	15.367	149	192413	21.982	ng/ul	99
61) Fluorene	15.602	166	178533	22.678	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.591	204	94471	22.679	ng/ul	98
63) 4-Nitroaniline	15.614	138	19977	15.329	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.679	198	32157	20.885	ng/ul	97
67) N-Nitrosodiphenylamine	15.808	169	154169	20.892	ng/ul	98
68) 4-Bromophenyl-phenylether	16.489	248	64576	21.216	ng/ul	96
69) Hexachlorobenzene	16.601	284	74529	21.871	ng/ul	99
70) Atrazine	16.754	200	65007	21.542	ng/ul	97
71) Pentachlorophenol	16.948	266	38268	18.705	ng/ul	93
72) Phenanthrene	17.341	178	304413	21.583	ng/ul	99
74) Anthracene	17.430	178	310503	21.754	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.352	216	74090	20.147	ng/uL	95
76) Pentachlorobenzene	14.874	250	80143	20.406	ng/uL	96
77) Carbazole	17.700	167	294450	22.810	ng/ul	99
78) Di-n-butylphthalate	18.258	149	370912	22.557	ng/ul	99
80) Fluoranthene	19.351	202	397210	20.388	ng/ul	100
82) Pyrene	19.715	202	401069	20.451	ng/ul	99
83) Butylbenzylphthalate	20.596	149	163786	20.595	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.448	252	137888	21.335	ng/ul	96
85) Benzo(a)anthracene	21.531	228	406784	21.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.437	149	239326	21.000	ng/ul	98
87) Chrysene	21.595	228	391374	21.780	ng/ul	99
89) Di-n-octyl phthalate	22.618	149	417254	20.589	ng/ul	100
90) Benzo(b)fluoranthene	23.699	252	427199	20.918	ng/ul	98
91) Benzo(k)fluoranthene	23.763	252	420972	21.030	ng/ul	99
93) Benzo(a)pyrene	24.556	252	375841	20.792	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.293	276	502425	20.931	ng/ul	97
95) Dibenzo(a,h)anthracene	28.358	278	421268	21.283	ng/ul	97
96) Benzo(g,h,i)perylene	29.415	276	406000	20.708	ng/ul	98

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



#2

1,4-Dioxane

Concen: 8.311 ng/uL

RT: 3.393 min Scan# 51

Delta R.T. 0.000 min

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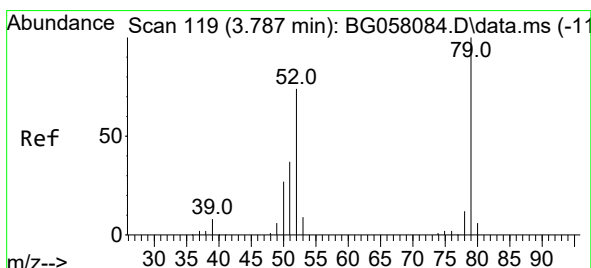
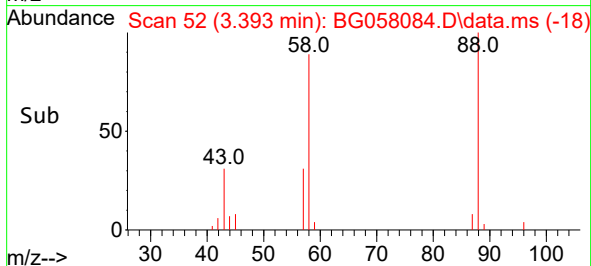
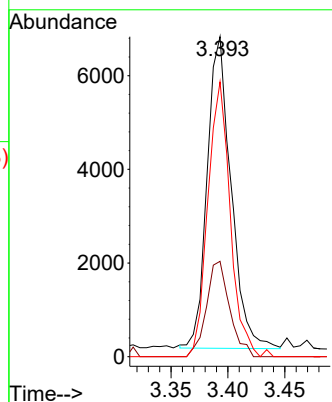
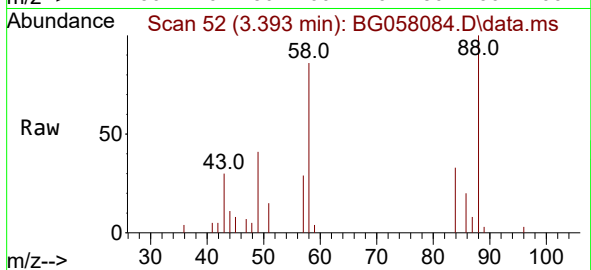
Tgt Ion: 88 Resp: 9706

Ion Ratio Lower Upper

88 100

43 29.8 20.6 30.8

58 85.9 65.5 98.3



#5

Pyridine

Concen: 22.281 ng/uL

RT: 3.787 min Scan# 119

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

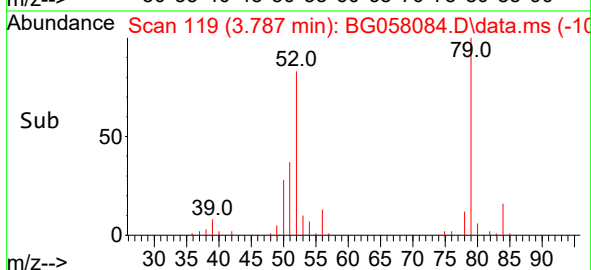
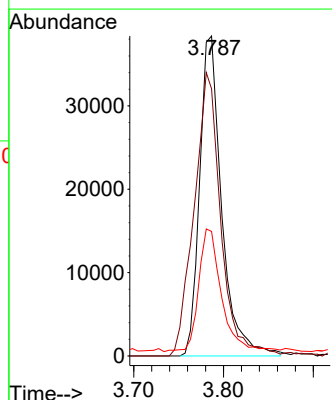
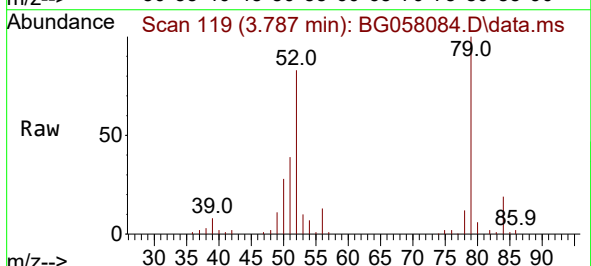
Tgt Ion: 79 Resp: 65519

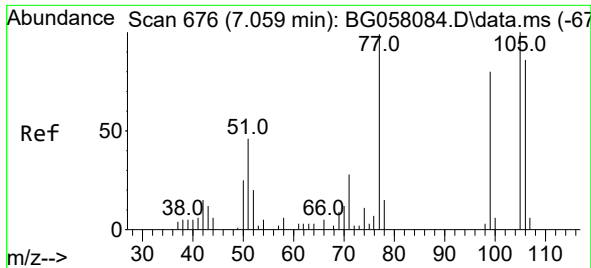
Ion Ratio Lower Upper

79 100

52 83.5 68.6 102.8

51 38.9 29.4 44.0

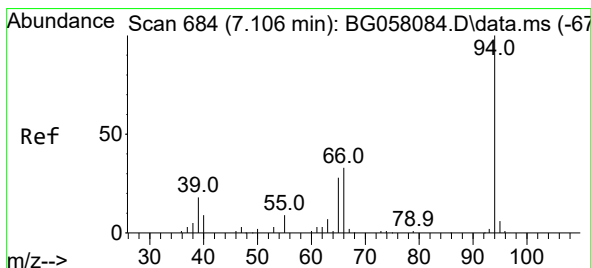
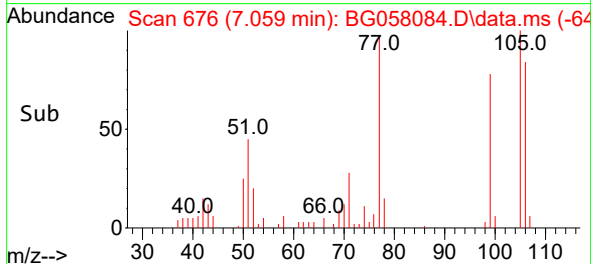
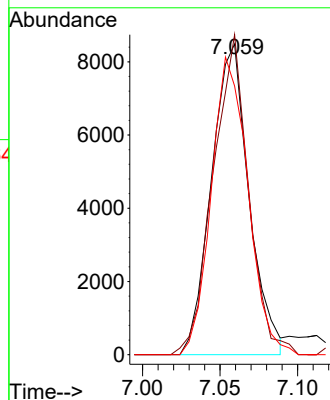
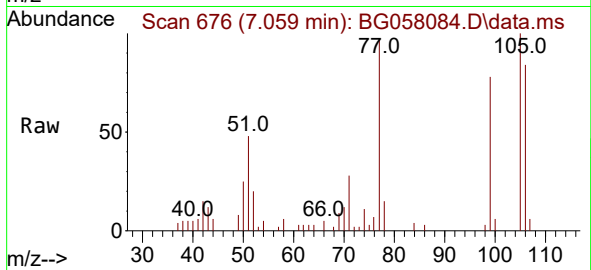




#6
Benzaldehyde
Concen: 12.640 ng/ul
RT: 7.059 min Scan# 676
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

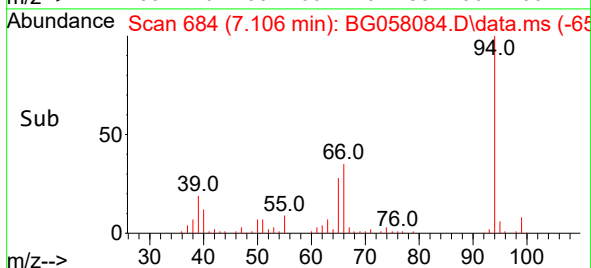
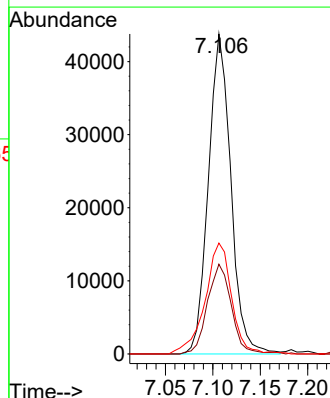
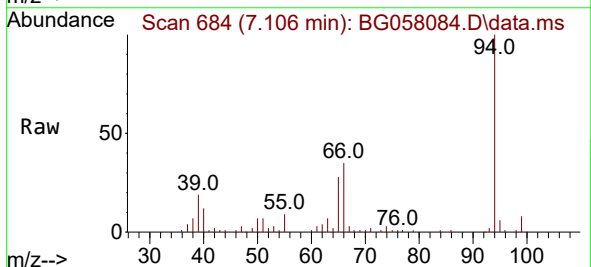
Instrument :
BNA_G
ClientSampleId :
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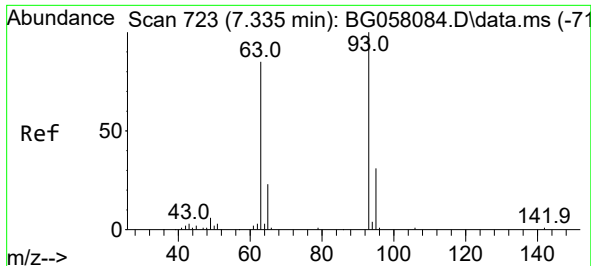
Tgt Ion: 77 Resp: 14271
Ion Ratio Lower Upper
77 100
105 103.0 74.7 112.1
106 86.5 75.9 113.9



#8
Phenol
Concen: 21.049 ng/ul
RT: 7.106 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion: 94 Resp: 72209
Ion Ratio Lower Upper
94 100
65 28.0 22.2 33.4
66 34.7 28.6 43.0

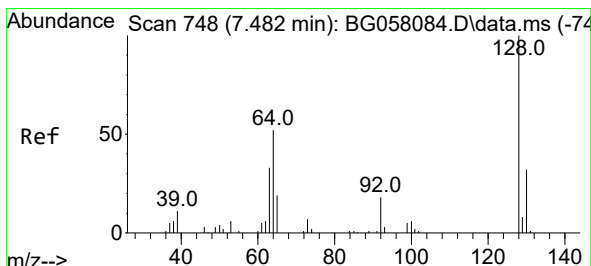
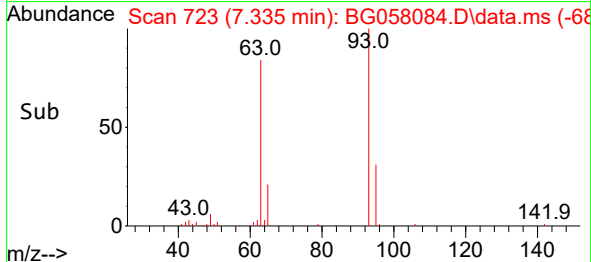
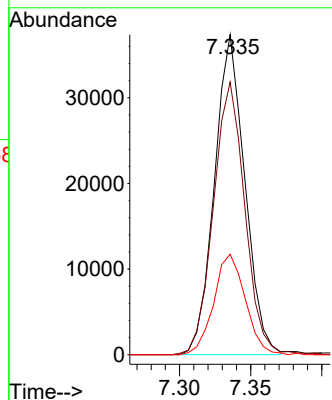
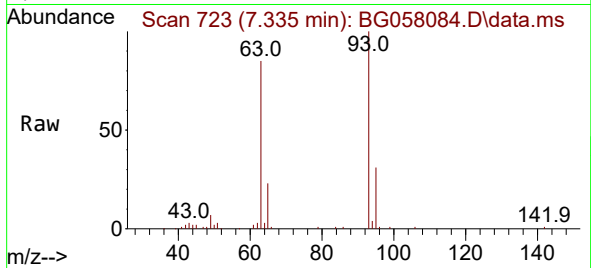




#10
Bis(2-Chloroethyl)ether
Concen: 20.947 ng/ul
RT: 7.335 min Scan# 723
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

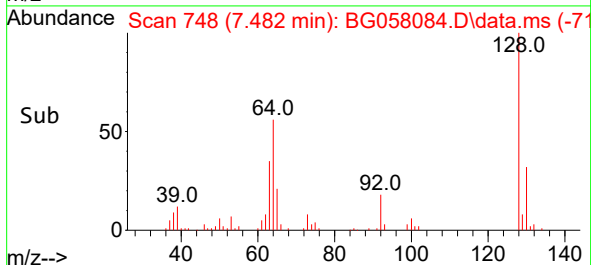
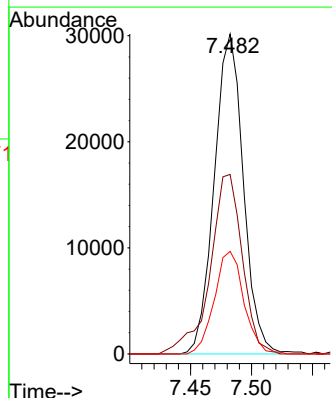
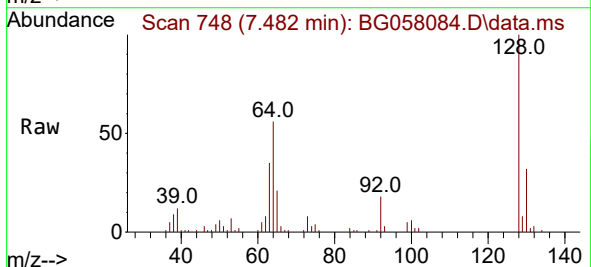
Instrument :
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ClientSampleId :
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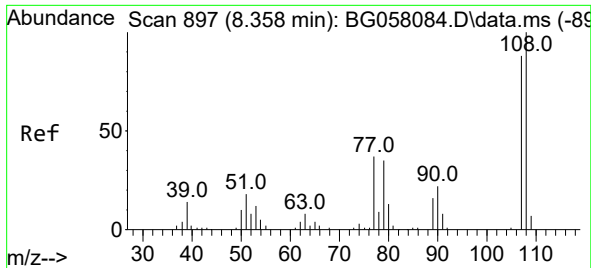
Tgt Ion: 93 Resp: 55485
Ion Ratio Lower Upper
93 100
63 85.2 69.4 104.0
95 31.4 27.0 40.6



#12
2-Chlorophenol
Concen: 20.598 ng/ul
RT: 7.482 min Scan# 748
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:128 Resp: 49978
Ion Ratio Lower Upper
128 100
64 56.1 44.3 66.5
130 32.0 27.3 40.9

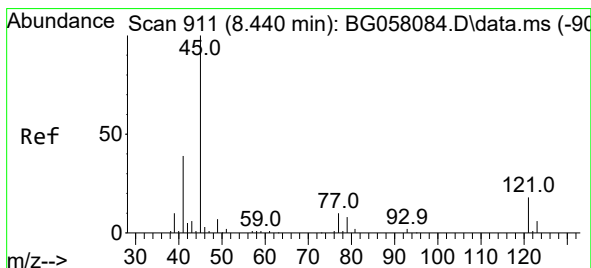
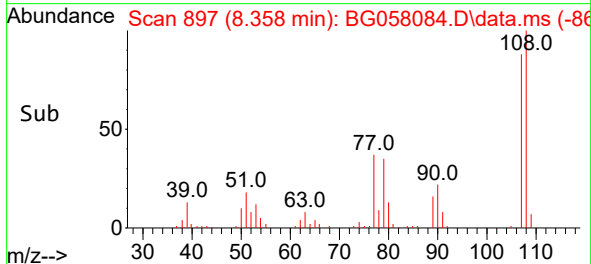
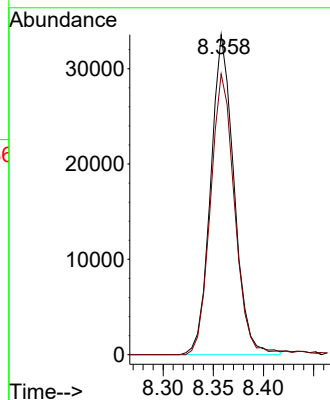
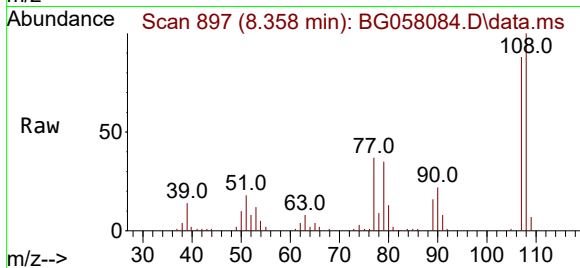




#13
2-Methylphenol
Concen: 20.149 ng/ul
RT: 8.358 min Scan# 897
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

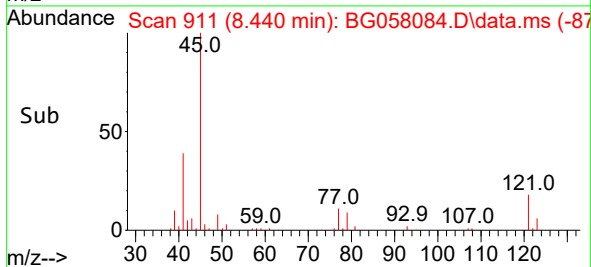
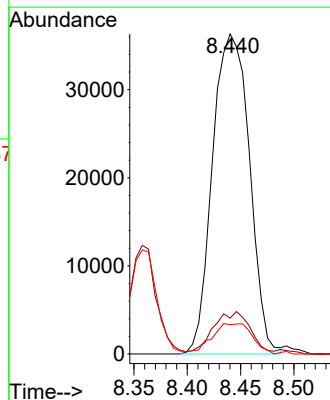
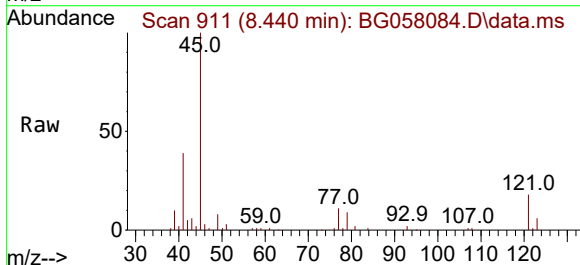
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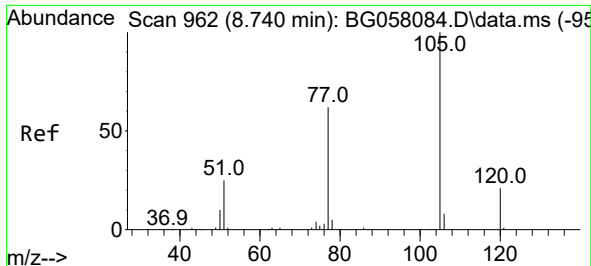
Tgt Ion:108 Resp: 54287
Ion Ratio Lower Upper
108 100
107 87.8 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.489 ng/ul
RT: 8.440 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion: 45 Resp: 87619
Ion Ratio Lower Upper
45 100
77 11.2 9.4 14.2
79 9.1 8.3 12.5

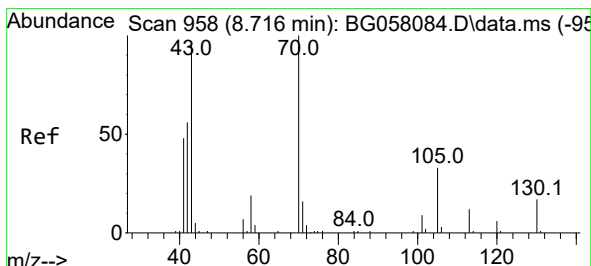
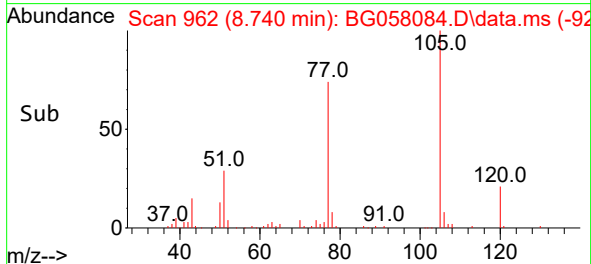
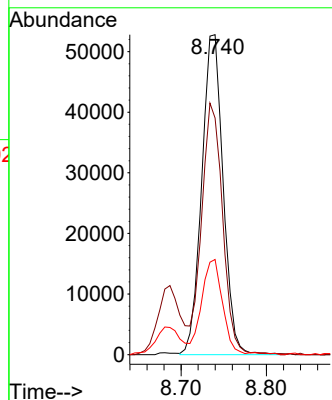
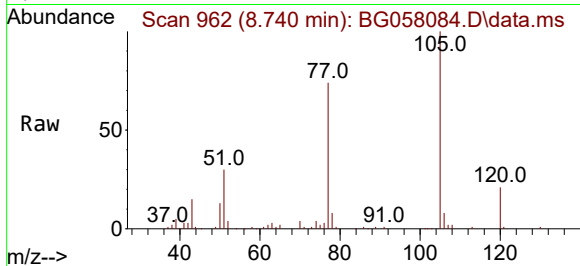




#16
Acetophenone
Concen: 21.751 ng/ul
RT: 8.740 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

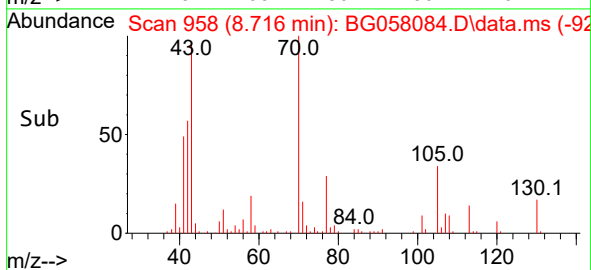
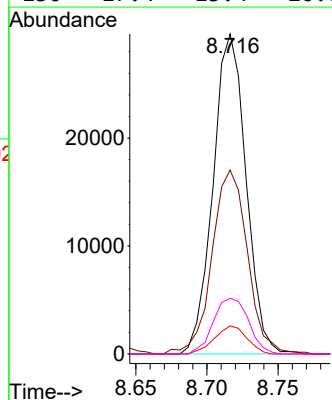
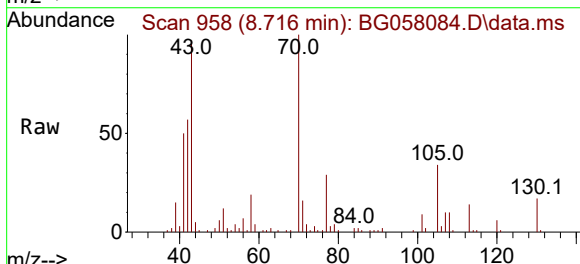
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SSTD020501

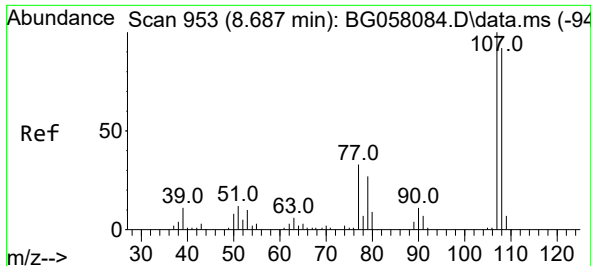
Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.0	61.2	91.8
51	29.8	23.5	35.3



#17
N-Nitroso-di-n-propylamine
Concen: 21.092 ng/ul
RT: 8.716 min Scan# 958
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.4	48.0	72.0
101	8.8	7.4	11.2
130	17.4	13.4	20.0

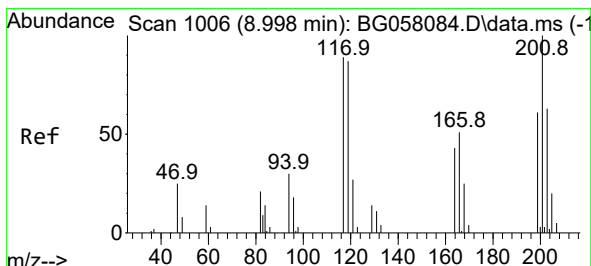
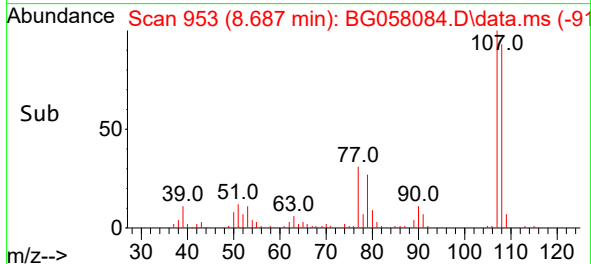
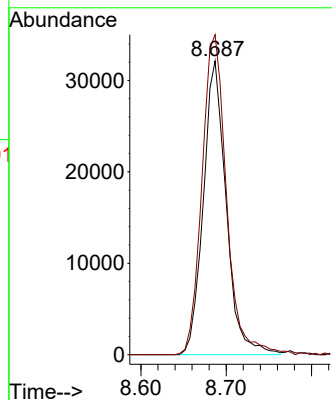
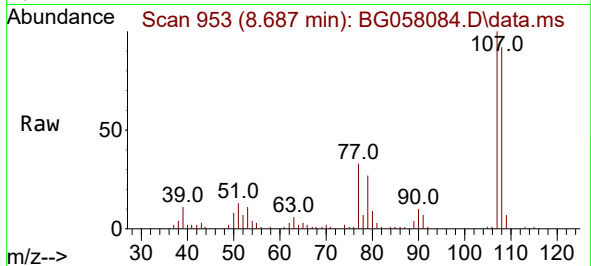




#18
4-Methylphenol
Concen: 20.557 ng/ul
RT: 8.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

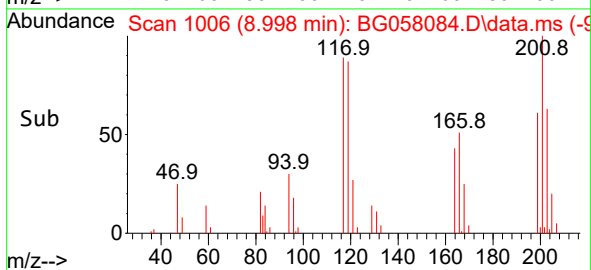
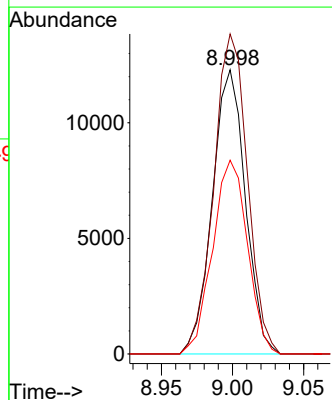
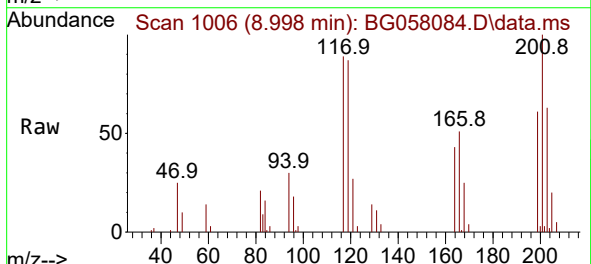
Instrument :
BNA_G
ClientSampleId :
SSTD020501

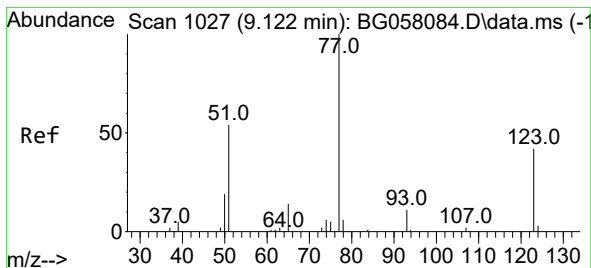
Tgt Ion:108 Resp: 59889
Ion Ratio Lower Upper
108 100
107 108.9 91.1 136.7



#19
Hexachloroethane
Concen: 21.354 ng/ul
RT: 8.998 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:117 Resp: 19862
Ion Ratio Lower Upper
117 100
201 116.2 94.0 141.0
199 68.2 59.8 89.6





#22

Nitrobenzene

Concen: 21.165 ng/ul

RT: 9.122 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

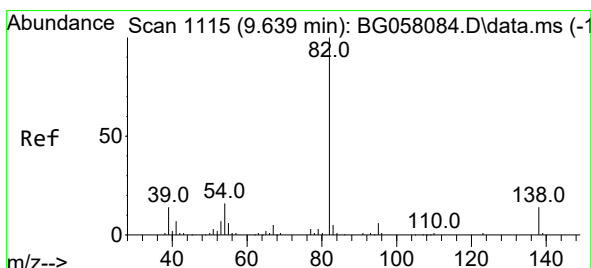
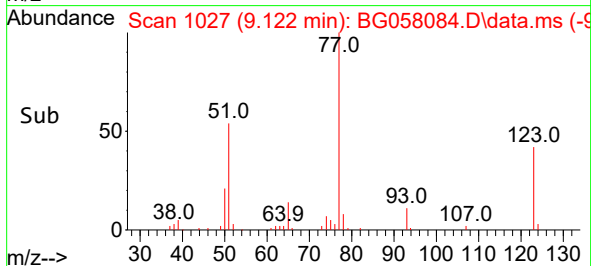
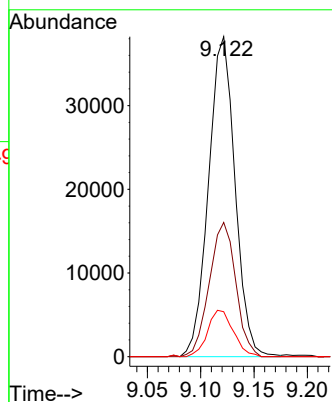
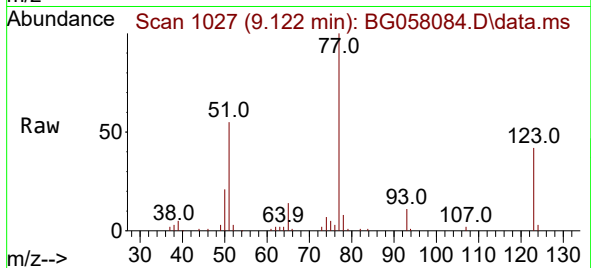
Tgt Ion: 77 Resp: 66086

Ion Ratio Lower Upper

77 100

123 41.9 33.3 49.9

65 14.1 10.4 15.6



#23

Isophorone

Concen: 20.807 ng/ul

RT: 9.639 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

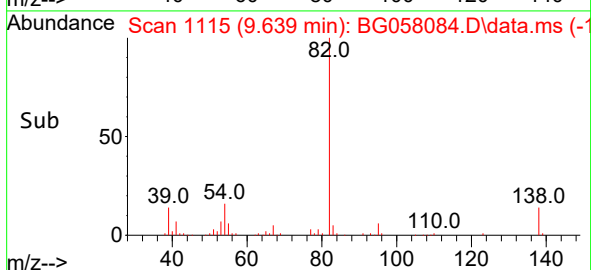
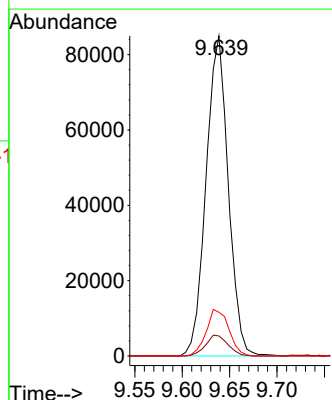
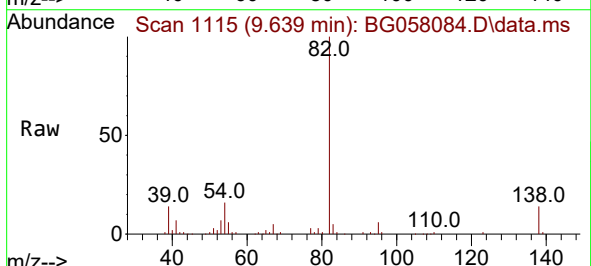
Tgt Ion: 82 Resp: 138629

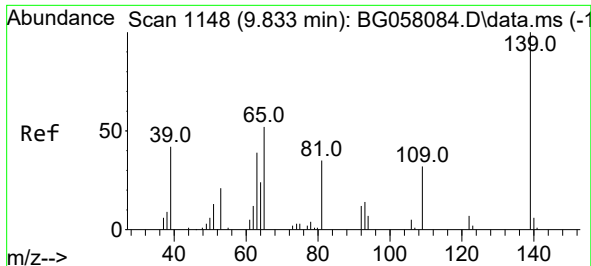
Ion Ratio Lower Upper

82 100

95 6.3 4.8 7.2

138 13.7 11.4 17.0

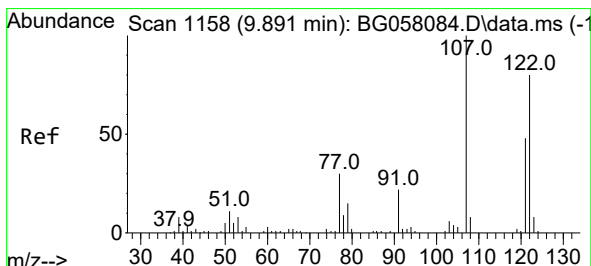
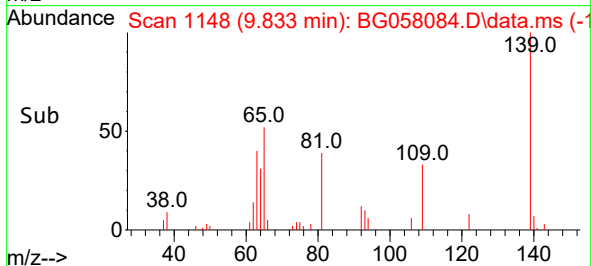
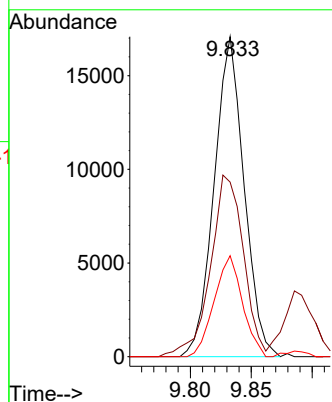
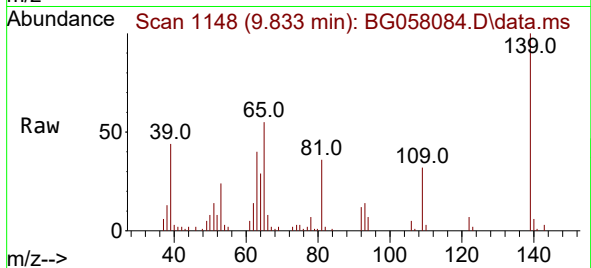




#25
2-Nitrophenol
Concen: 21.501 ng/ul
RT: 9.833 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

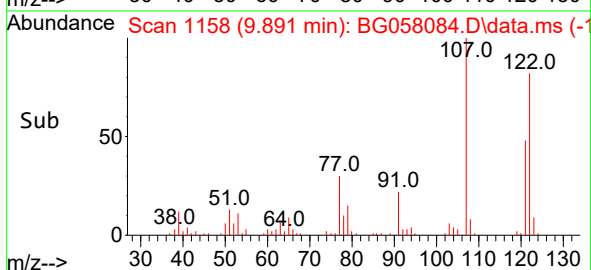
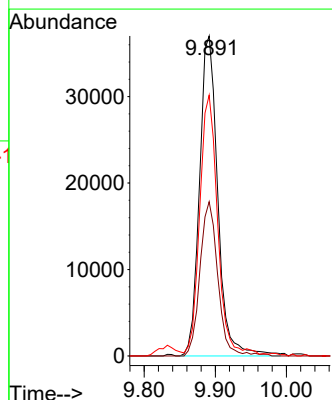
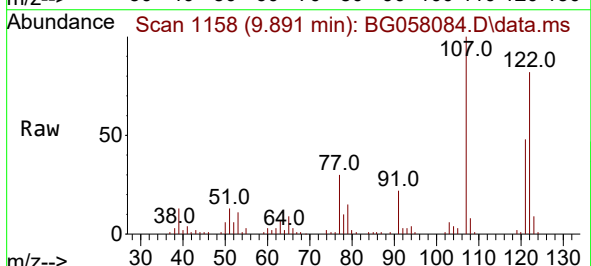
Instrument :
BNA_G
ClientSampleId :
SSTD020501

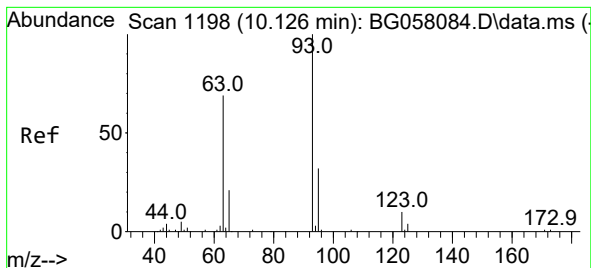
Tgt Ion:139 Resp: 29165
Ion Ratio Lower Upper
139 100
65 54.5 42.6 64.0
109 31.6 20.7 31.1#



#26
2,4-Dimethylphenol
Concen: 21.734 ng/ul
RT: 9.891 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:107 Resp: 66291
Ion Ratio Lower Upper
107 100
121 48.2 40.6 60.8
122 81.5 67.1 100.7

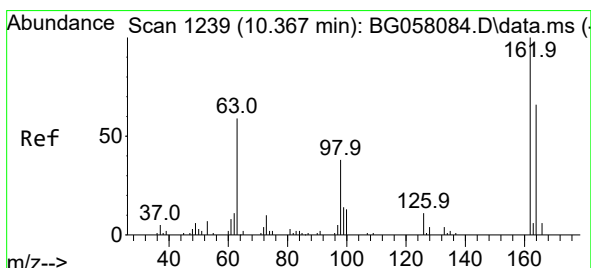
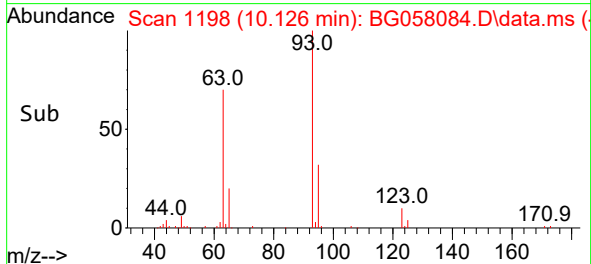
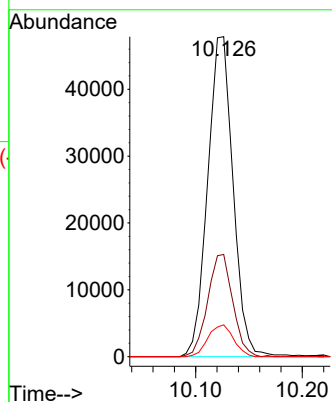
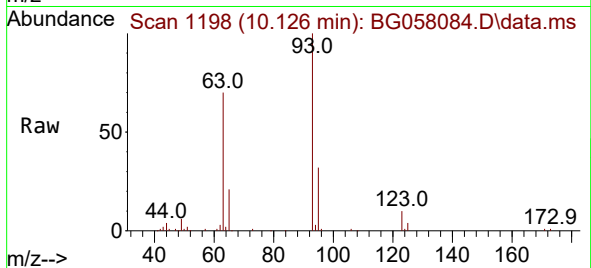




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.080 ng/ul
 RT: 10.126 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: BG058084.D
 Acq: 8 Jul 2023 8:09

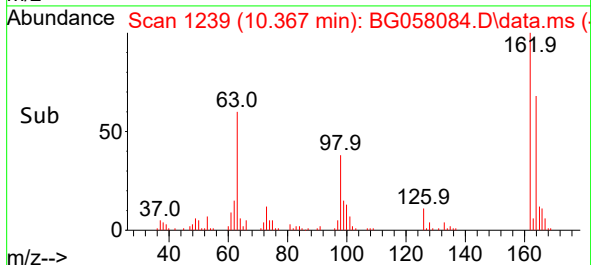
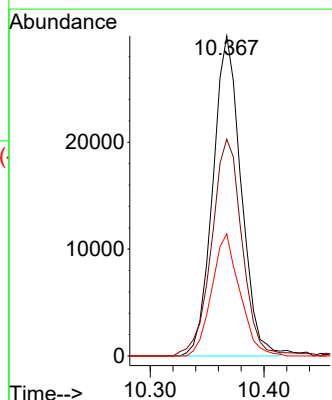
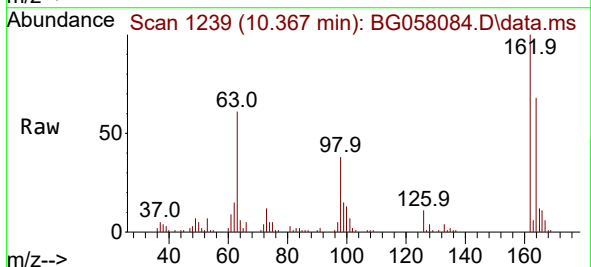
Instrument :
 BNA_G
 ClientSampleId :
 SST020501

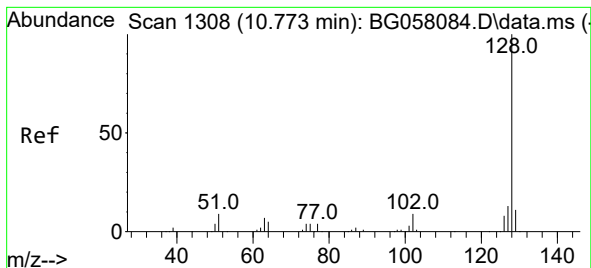
Tgt Ion: 93 Resp: 79143
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.4 39.6
 123 10.0 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 21.903 ng/ul
 RT: 10.367 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: BG058084.D
 Acq: 8 Jul 2023 8:09

Tgt Ion: 162 Resp: 51641
 Ion Ratio Lower Upper
 162 100
 164 67.7 51.1 76.7
 98 38.2 27.9 41.9

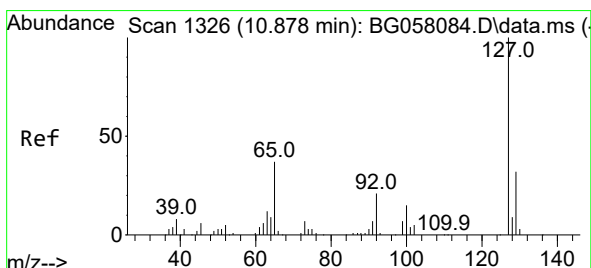
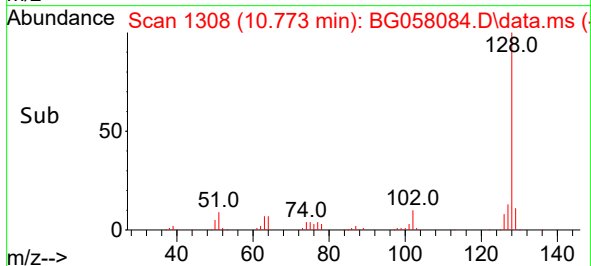
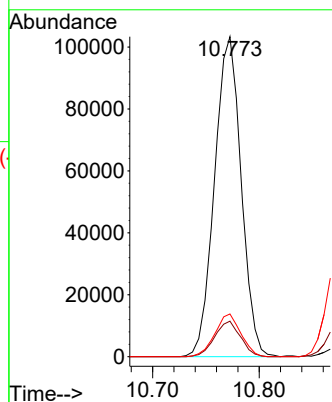
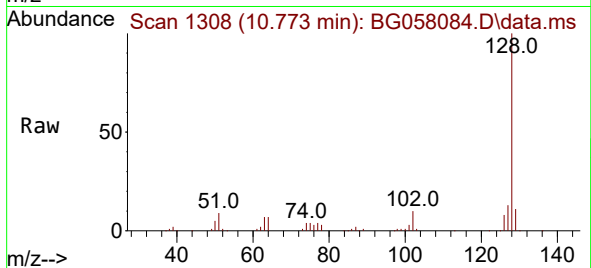




#30
Naphthalene
Concen: 21.599 ng/ul
RT: 10.773 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

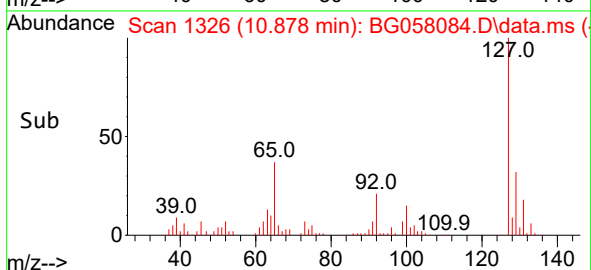
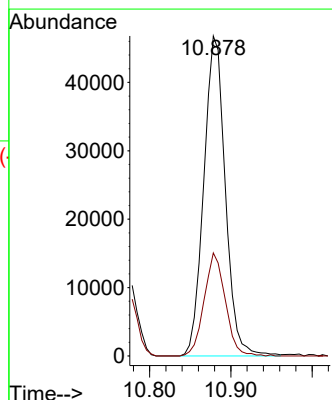
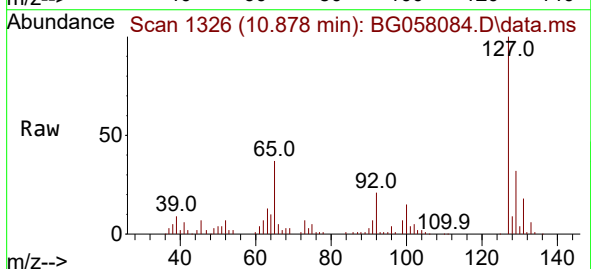
Instrument :
BNA_G
ClientSampleId :
SSTD020501

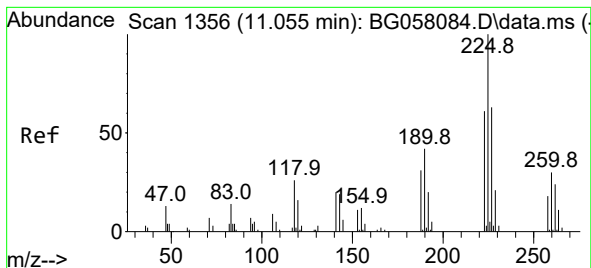
Tgt Ion:128 Resp: 179124
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.4 10.2 15.2



#32
4-Chloroaniline
Concen: 22.926 ng/ul
RT: 10.878 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:127 Resp: 86186
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0





#33

Hexachlorobutadiene

Concen: 21.489 ng/ul

RT: 11.055 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

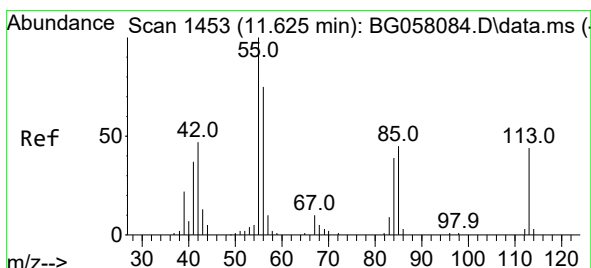
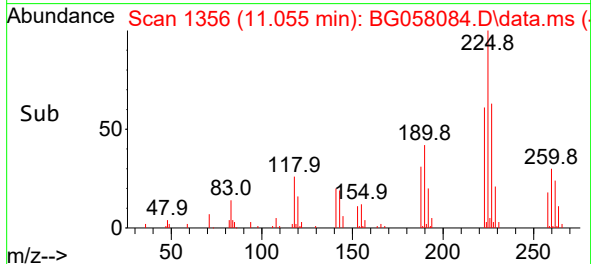
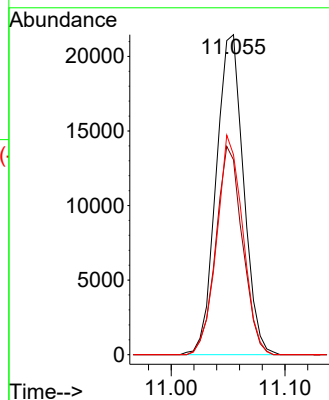
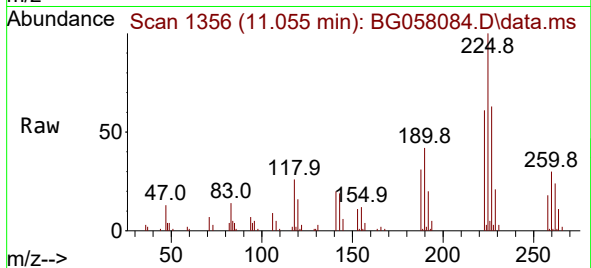
Tgt Ion:225 Resp: 35869

Ion Ratio Lower Upper

225 100

223 60.9 53.2 79.8

227 62.5 51.4 77.2



#34

Caprolactam

Concen: 20.718 ng/ul

RT: 11.625 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

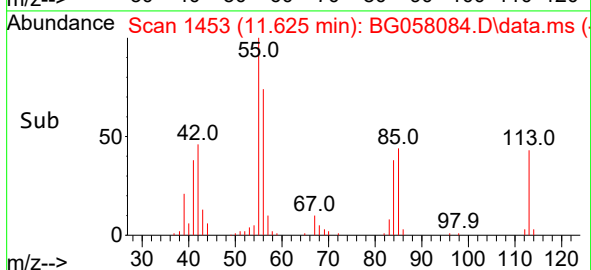
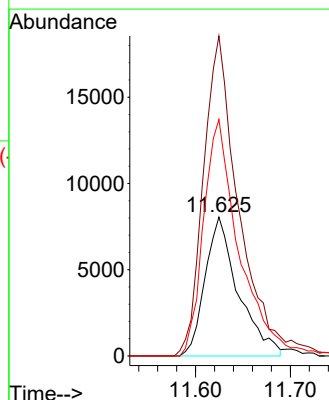
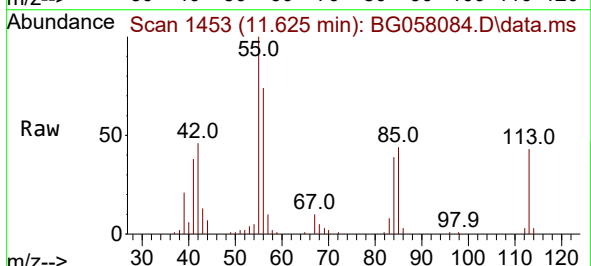
Tgt Ion:113 Resp: 19639

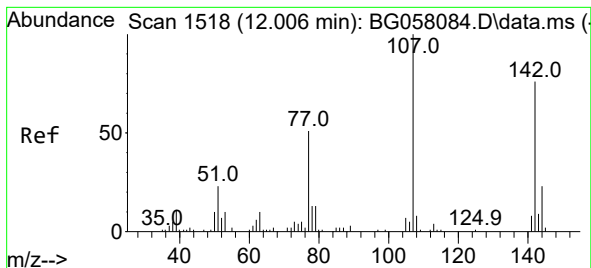
Ion Ratio Lower Upper

113 100

55 230.4 183.4 275.2

56 170.3 123.0 184.6

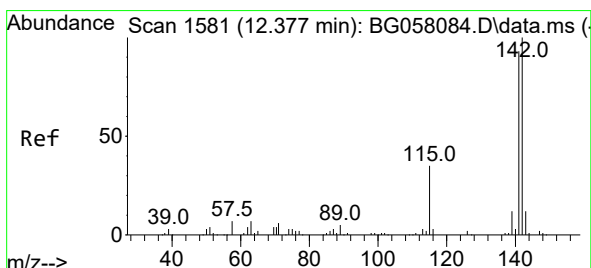
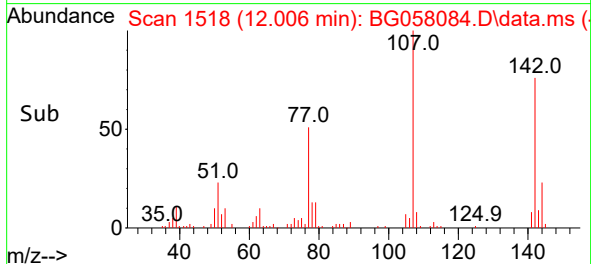
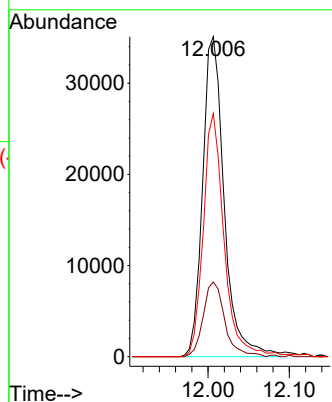
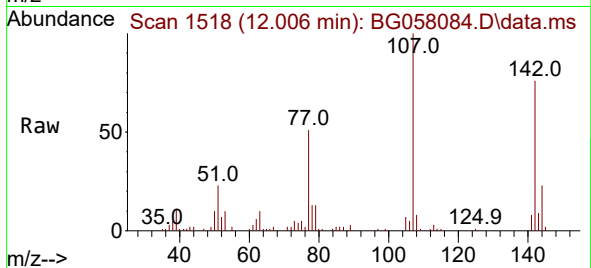




#35
4-Chloro-3-methylphenol
Concen: 22.345 ng/ul
RT: 12.006 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

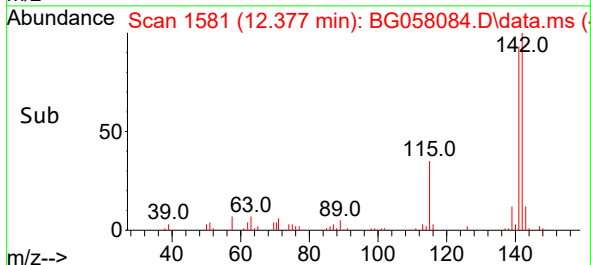
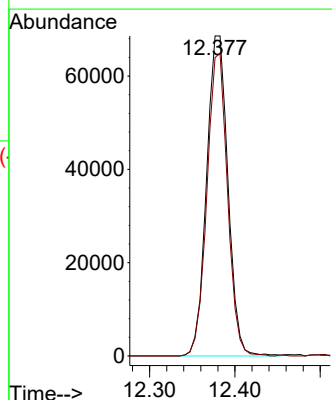
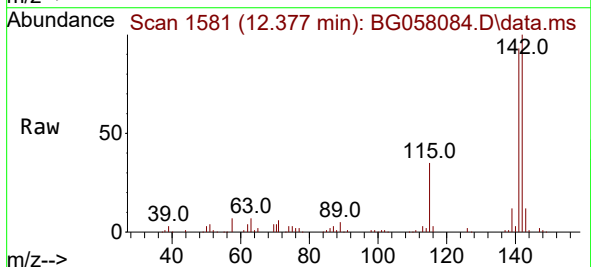
Instrument :
BNA_G
ClientSampleId :
SSTD020501

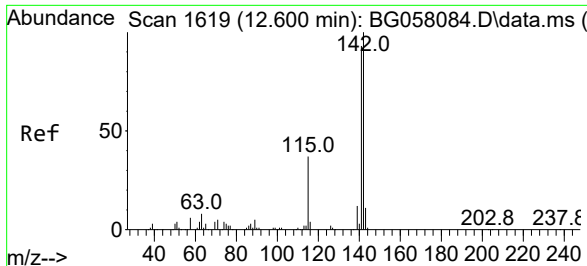
Tgt Ion:107 Resp: 64717
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 75.9 58.4 87.6



#36
2-Methylnaphthalene
Concen: 21.384 ng/ul
RT: 12.377 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:142 Resp: 119544
Ion Ratio Lower Upper
142 100
141 93.2 69.4 104.2





#37

1-Methylnaphthalene

Concen: 21.878 ng/ul

RT: 12.600 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

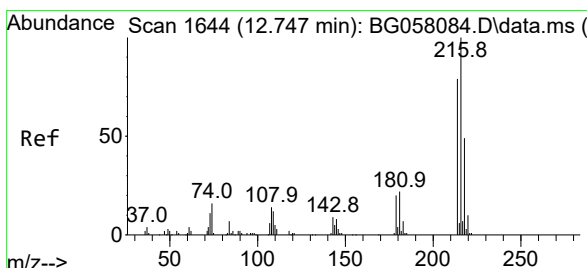
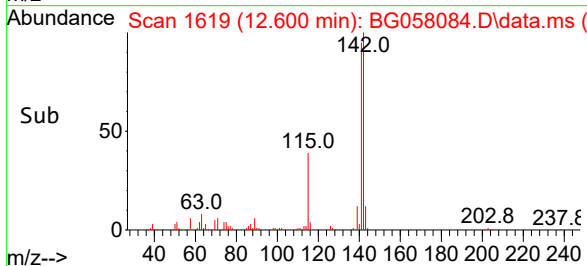
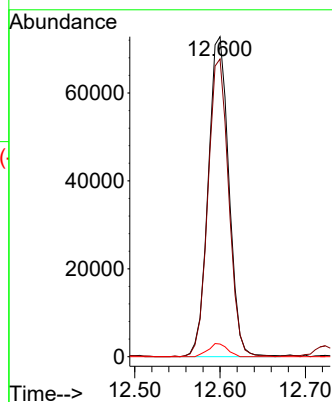
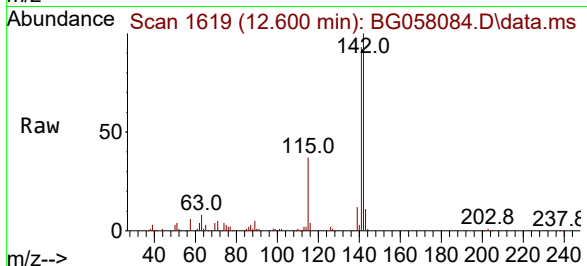
Tgt Ion:142 Resp: 122648

Ion Ratio Lower Upper

142 100

141 93.1 73.8 110.8

116 4.0 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.655 ng/ul

RT: 12.747 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Tgt Ion:216 Resp: 69817

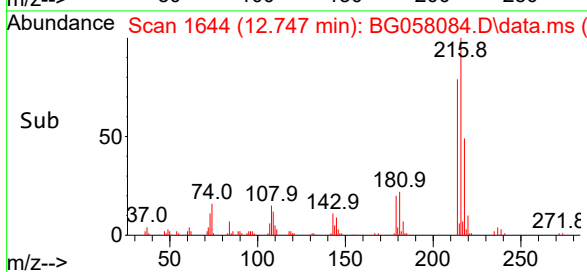
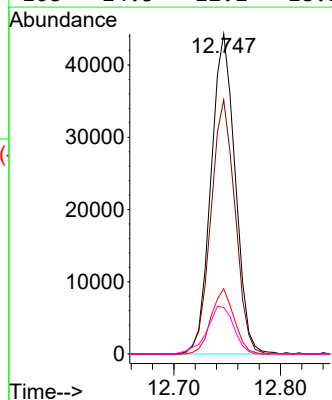
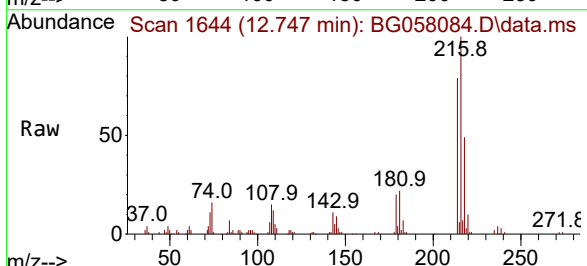
Ion Ratio Lower Upper

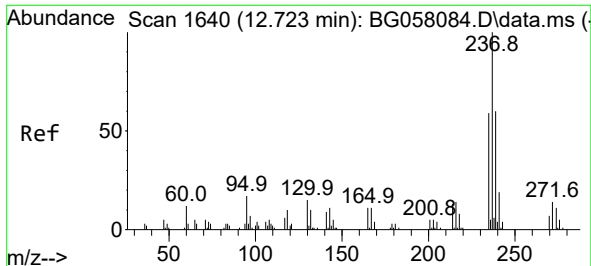
216 100

214 79.4 64.1 96.1

179 20.4 16.0 24.0

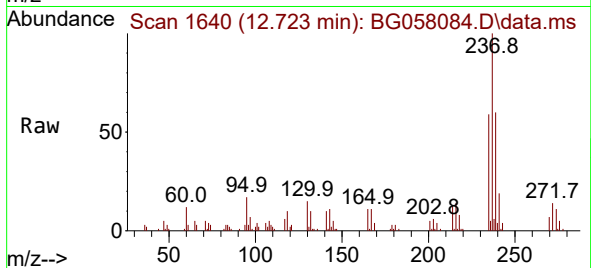
108 14.5 12.1 18.1



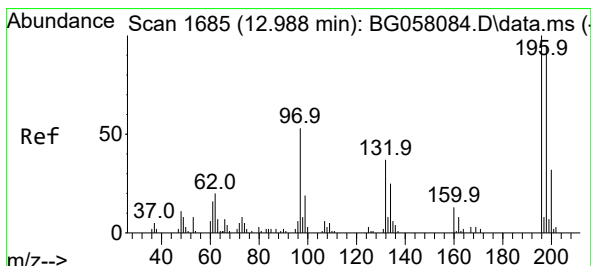
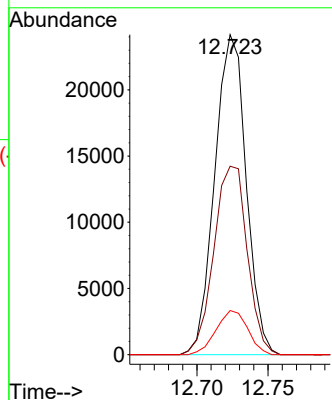
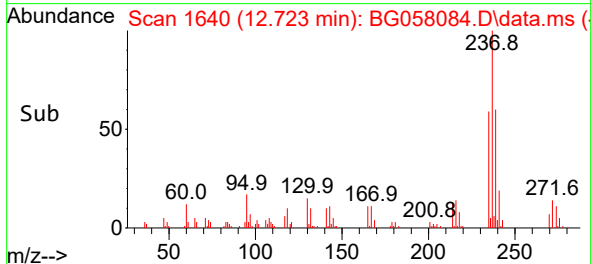


#40
Hexachlorocyclopentadiene
Concen: 18.303 ng/ul
RT: 12.723 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

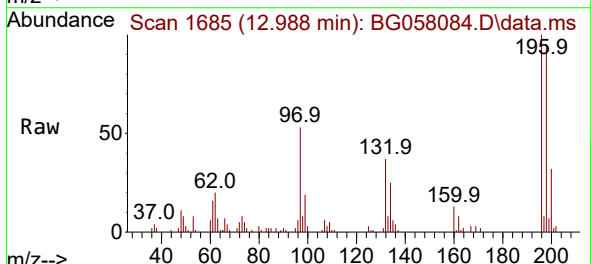
Instrument :
BNA_G
ClientSampleId :
SSTD020501



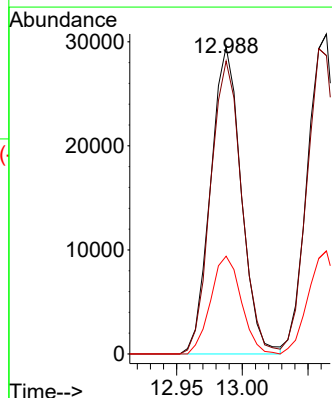
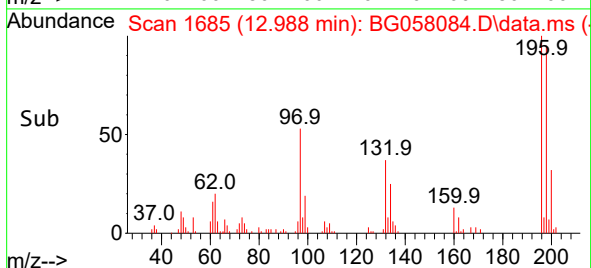
Tgt Ion:237 Resp: 37168
Ion Ratio Lower Upper
237 100
235 58.9 49.2 73.8
272 13.8 10.4 15.6

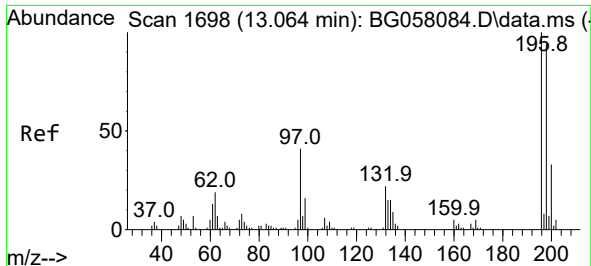


#41
2,4,6-Trichlorophenol
Concen: 21.920 ng/ul
RT: 12.988 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09



Tgt Ion:196 Resp: 47899
Ion Ratio Lower Upper
196 100
198 95.4 73.5 110.3
200 31.8 24.8 37.2

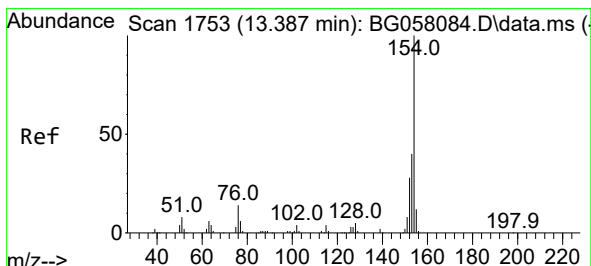
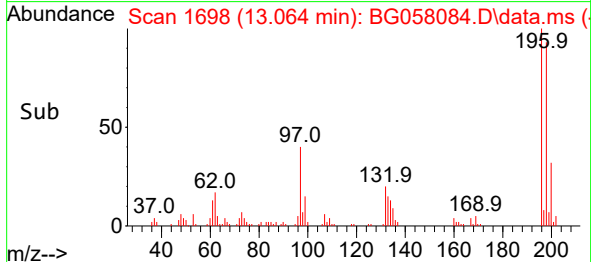
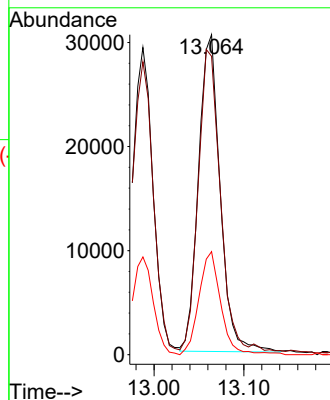
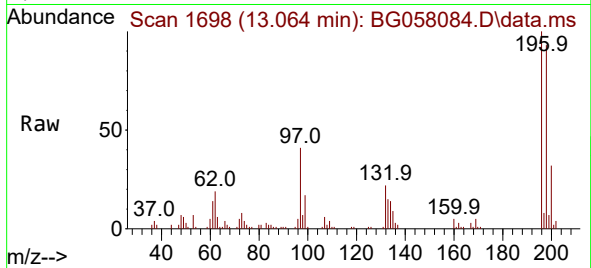




#42
2,4,5-Trichlorophenol
Concen: 21.617 ng/ul
RT: 13.064 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

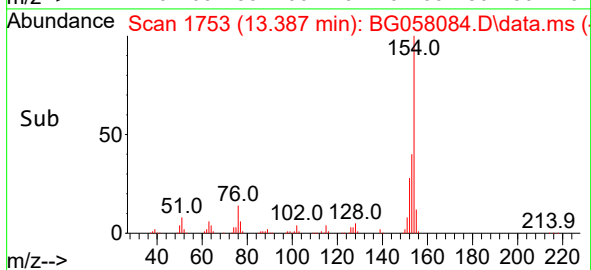
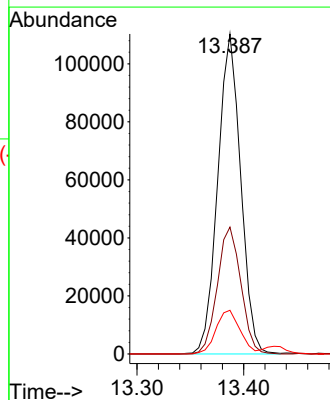
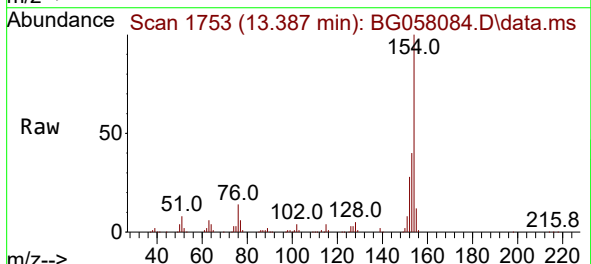
Instrument :
BNA_G
ClientSampleId :
SSTD020501

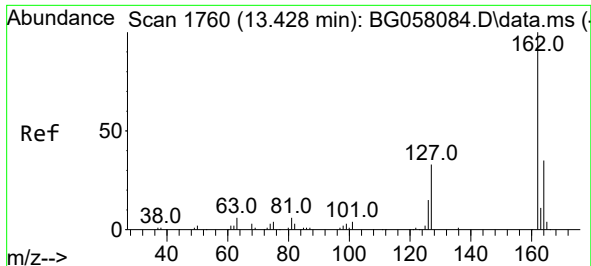
Tgt Ion:196 Resp: 51084
Ion Ratio Lower Upper
196 100
198 93.2 77.2 115.8
200 32.2 23.8 35.6



#43
1,1'-Biphenyl
Concen: 21.597 ng/ul
RT: 13.387 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:154 Resp: 164655
Ion Ratio Lower Upper
154 100
153 39.7 32.6 49.0
76 13.7 11.6 17.4

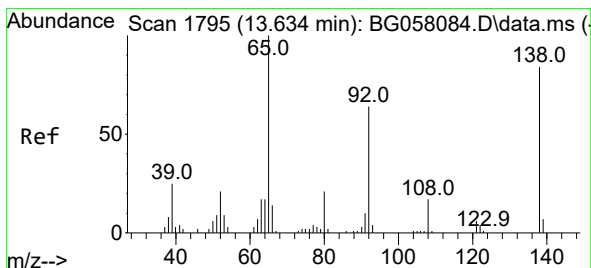
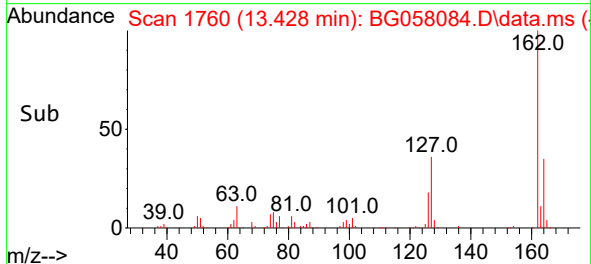
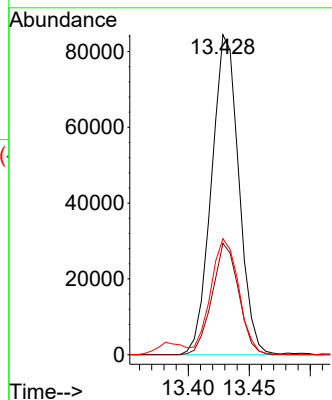
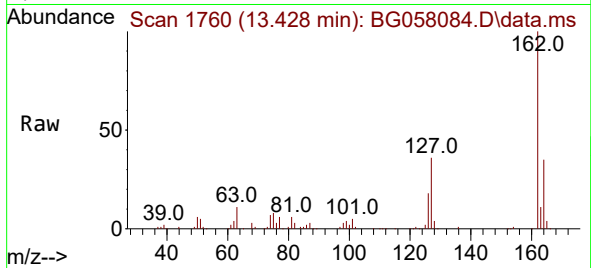




#44
2-Chloronaphthalene
Concen: 21.519 ng/ul
RT: 13.428 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

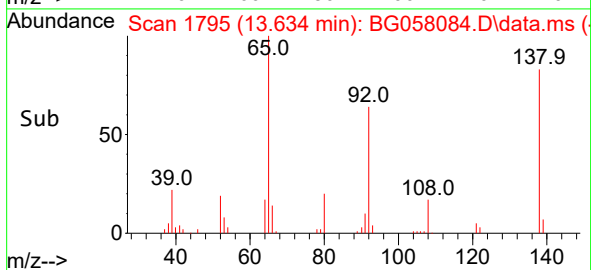
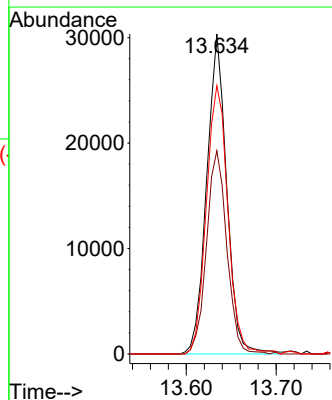
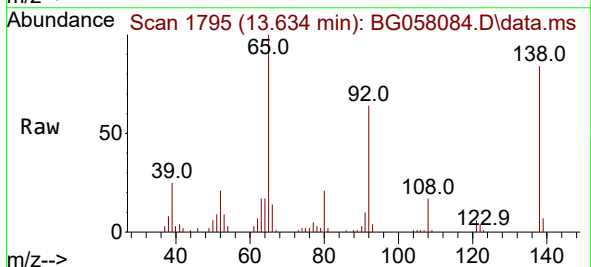
Instrument :
BNA_G
ClientSampleId :
SSTD020501

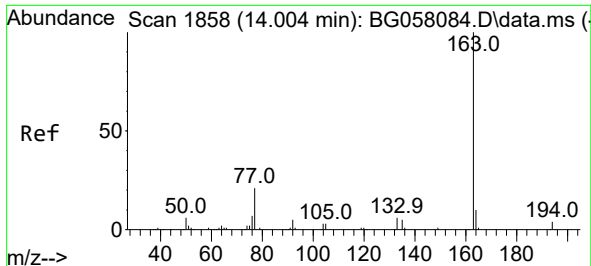
Tgt Ion:162 Resp: 131669
Ion Ratio Lower Upper
162 100
164 34.8 27.7 41.5
127 36.2 30.9 46.3



#45
2-Nitroaniline
Concen: 22.078 ng/ul
RT: 13.634 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion: 65 Resp: 46969
Ion Ratio Lower Upper
65 100
92 63.5 53.2 79.8
138 83.8 71.1 106.7

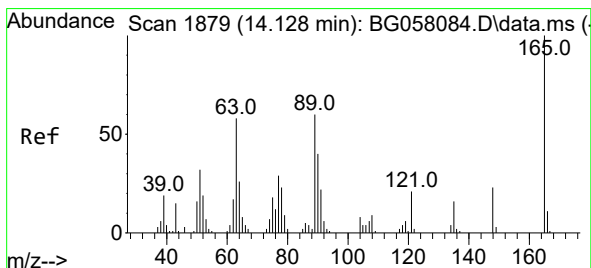
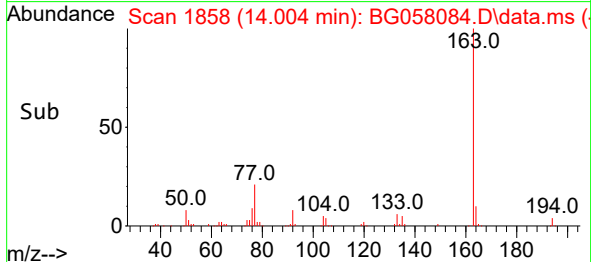
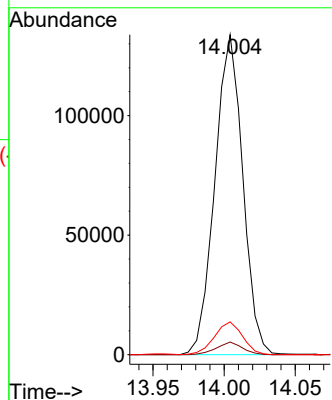
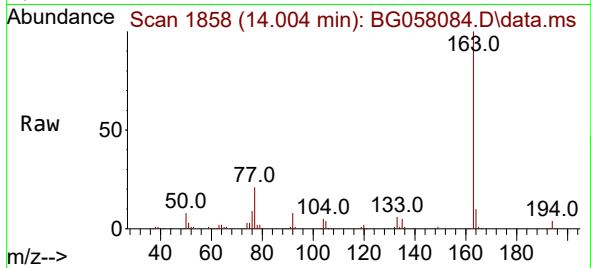




#47
Dimethylphthalate
Concen: 21.761 ng/ul
RT: 14.004 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

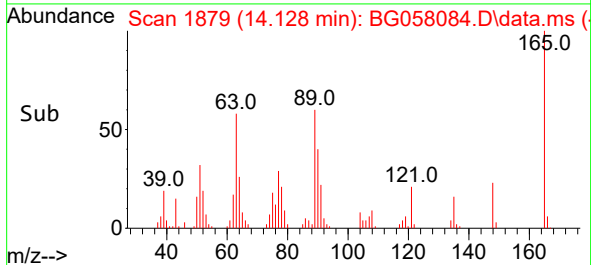
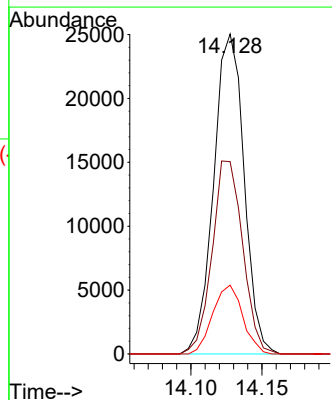
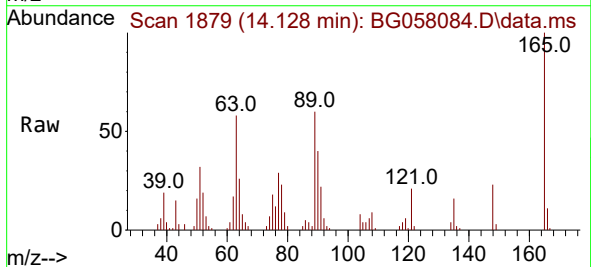
Instrument :
BNA_G
ClientSampleId :
SSTD020501

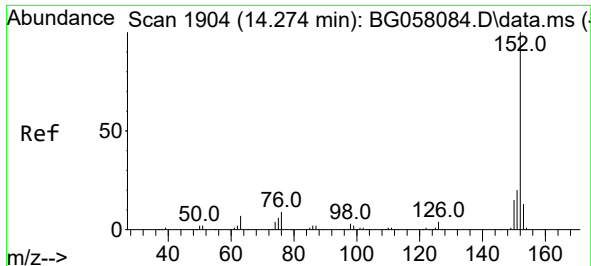
Tgt Ion:163 Resp: 182493
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.3 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 21.639 ng/ul
RT: 14.128 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

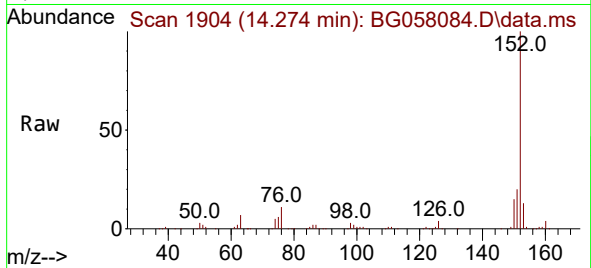
Tgt Ion:165 Resp: 37250
Ion Ratio Lower Upper
165 100
89 60.1 42.7 64.1
121 21.5 14.8 22.2



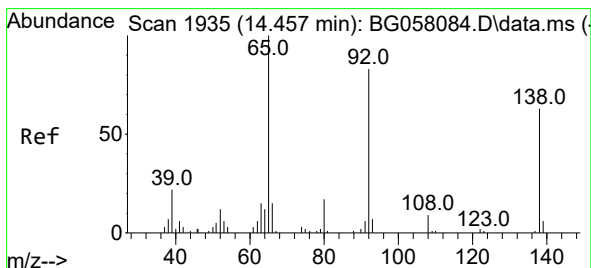
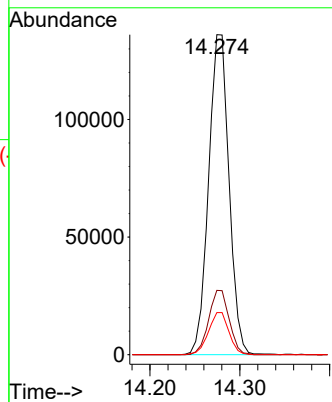
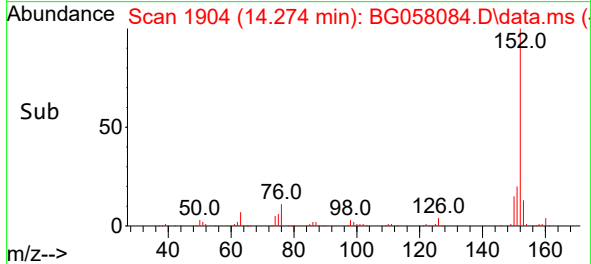


#50
Acenaphthylene
Concen: 21.835 ng/ul
RT: 14.274 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Instrument :
BNA_G
ClientSampleId :
SSTD020501

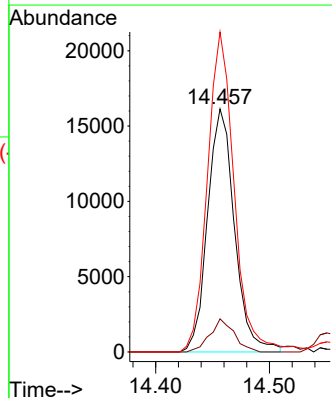
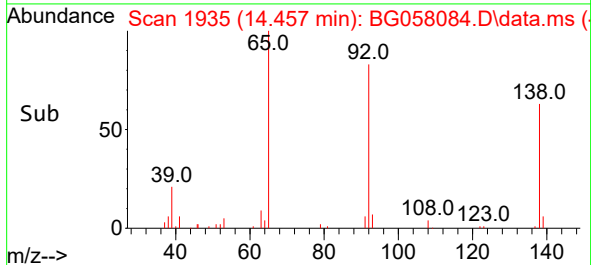
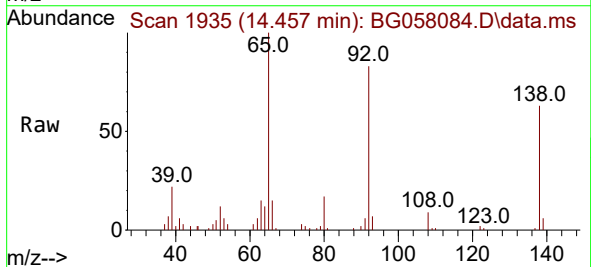


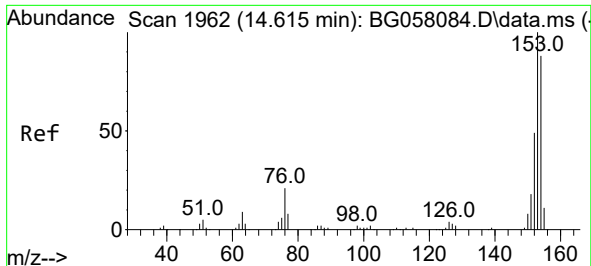
Tgt Ion:152 Resp: 214776
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 18.271 ng/ul
RT: 14.457 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:138 Resp: 26579
Ion Ratio Lower Upper
138 100
108 13.6 8.2 12.2#
92 131.6 100.2 150.4

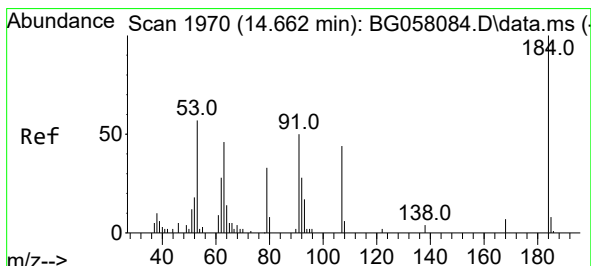
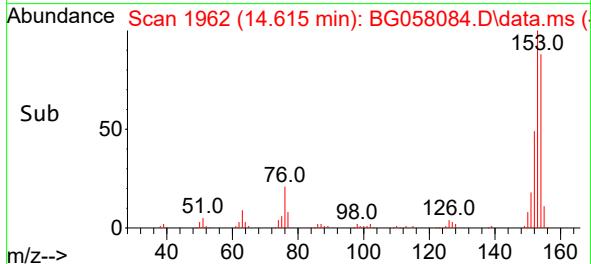
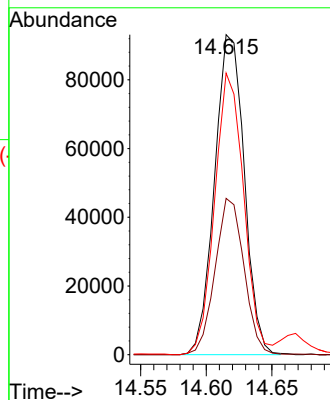
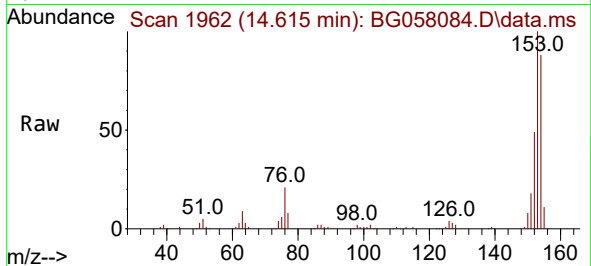




#52
Acenaphthene
Concen: 21.706 ng/ul
RT: 14.615 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

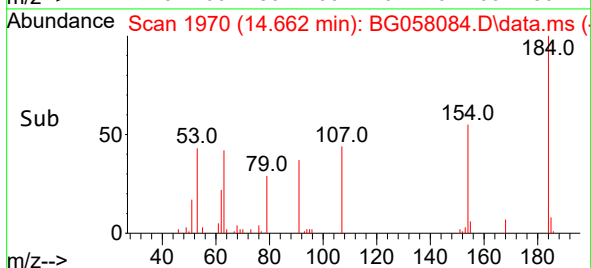
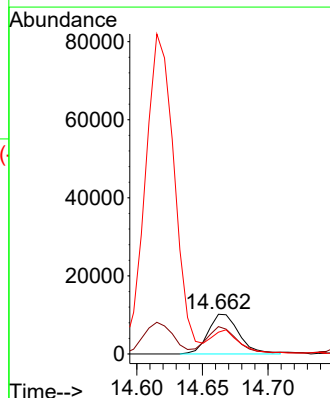
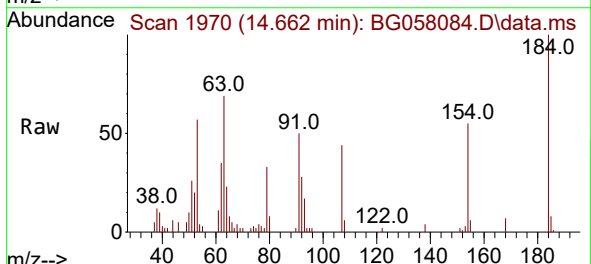
Instrument :
BNA_G
ClientSampleId :
SSTD020501

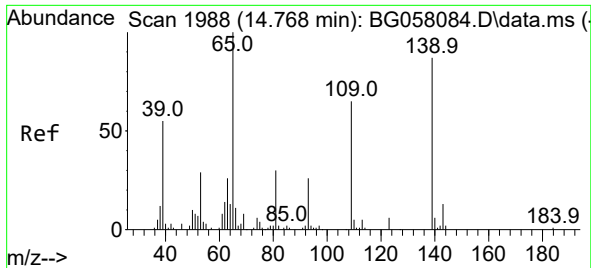
Tgt Ion:153 Resp: 146514
Ion Ratio Lower Upper
153 100
152 48.8 36.5 54.7
154 88.0 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 18.606 ng/ul
RT: 14.662 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:184 Resp: 16698
Ion Ratio Lower Upper
184 100
63 69.2 51.1 76.7
154 55.0 43.3 64.9

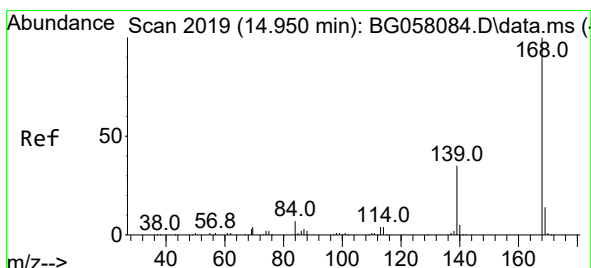
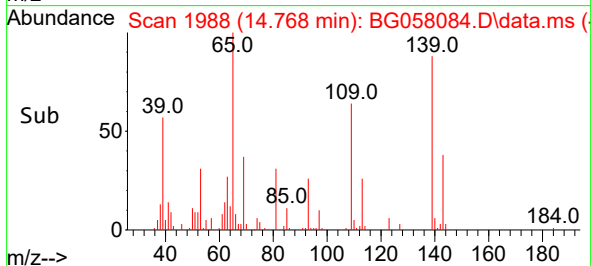
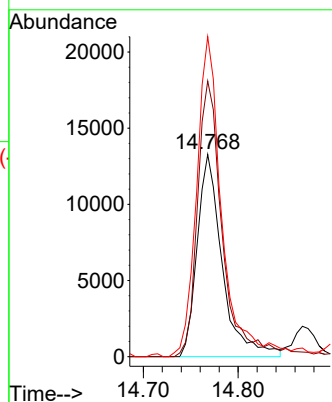
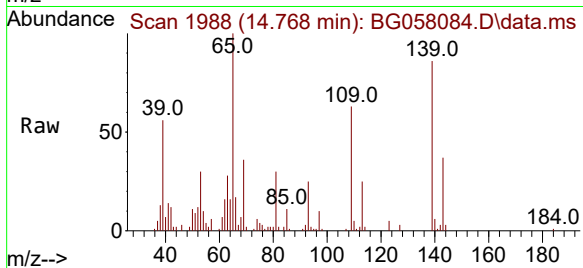




#55
4-Nitrophenol
Concen: 22.311 ng/ul
RT: 14.768 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

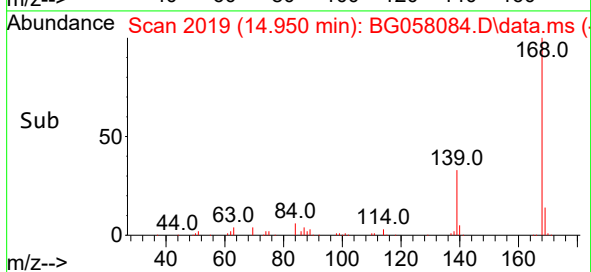
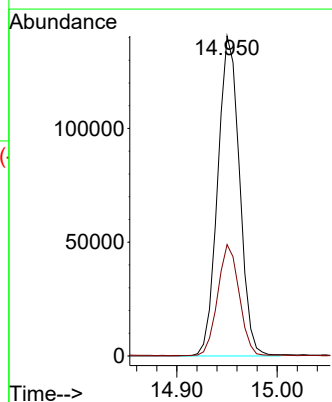
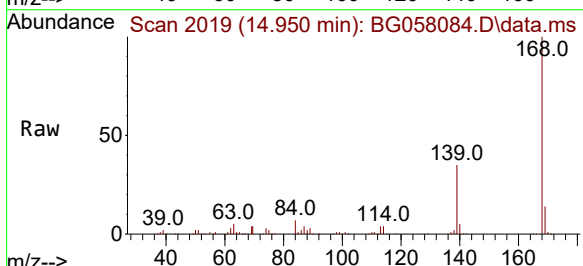
Instrument :
BNA_G
ClientSampleId :
SSTD020501

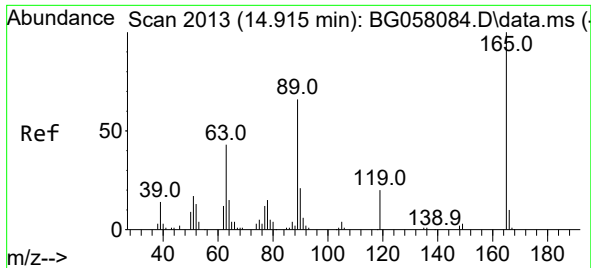
Tgt Ion:109 Resp: 24375
Ion Ratio Lower Upper
109 100
139 136.3 119.0 178.4
65 158.2 135.5 203.3



#56
Dibenzofuran
Concen: 22.088 ng/ul
RT: 14.950 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:168 Resp: 211935
Ion Ratio Lower Upper
168 100
139 34.8 27.6 41.4

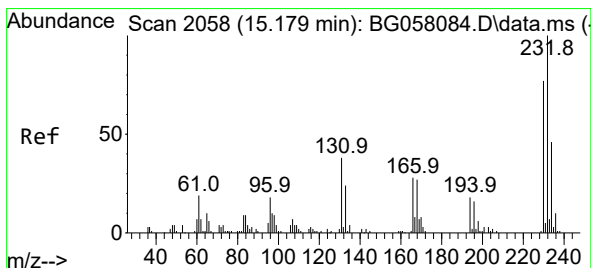
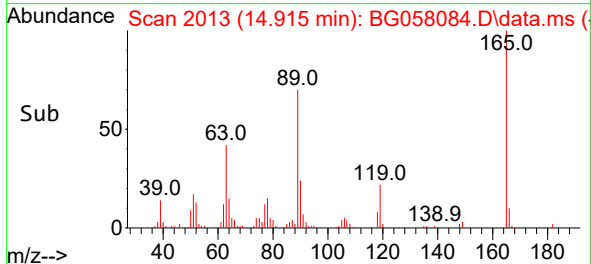
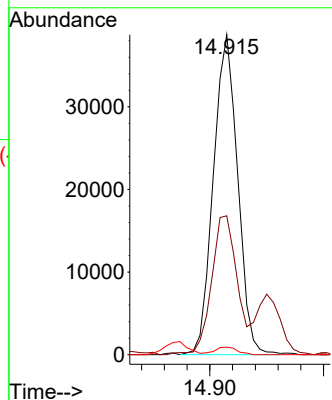
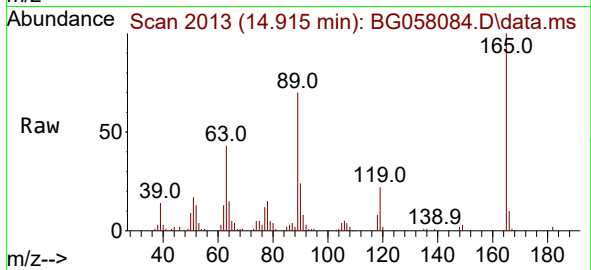




#57
2,4-Dinitrotoluene
Concen: 23.579 ng/ul
RT: 14.915 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

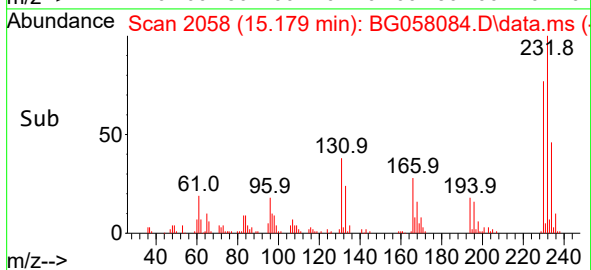
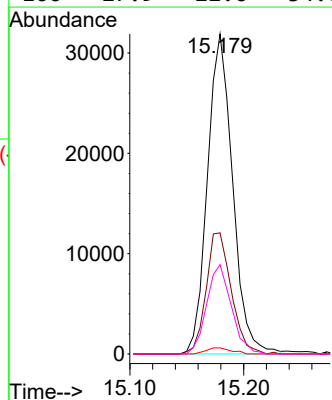
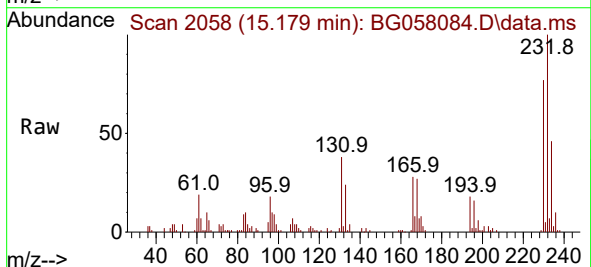
Instrument :
BNA_G
ClientSampleId :
SSTD020501

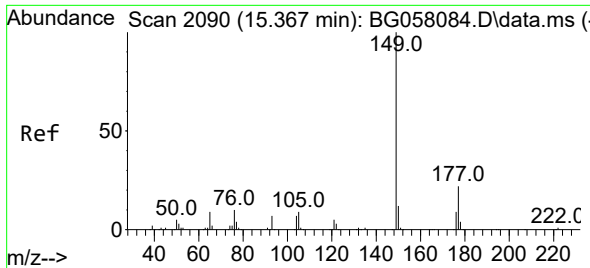
Tgt Ion:165 Resp: 57508
Ion Ratio Lower Upper
165 100
63 43.4 35.8 53.8
182 2.4 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.813 ng/ul
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:232 Resp: 49077
Ion Ratio Lower Upper
232 100
131 37.8 30.5 45.7
130 1.9 1.4 2.0
166 27.9 22.6 34.0

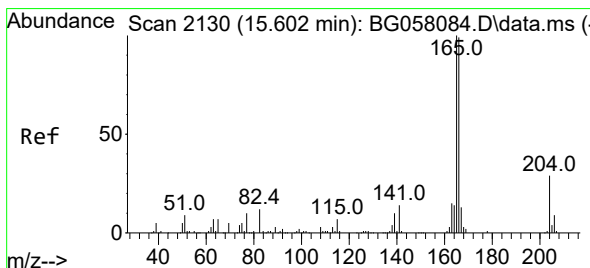
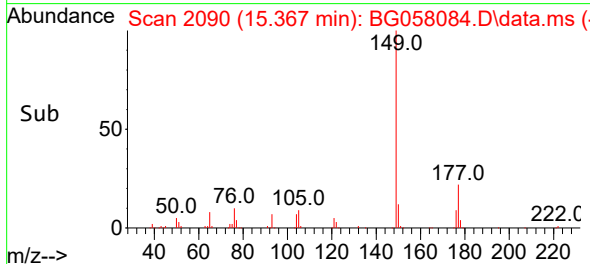
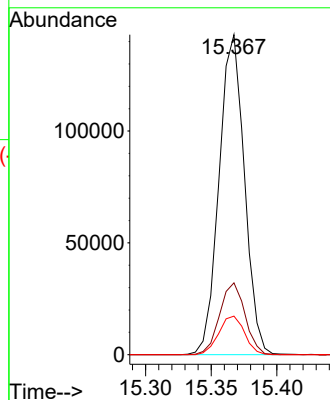
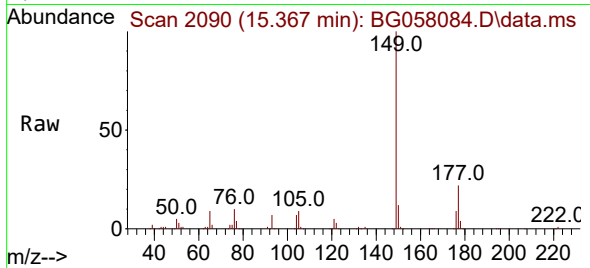




#59
Diethylphthalate
Concen: 21.982 ng/ul
RT: 15.367 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

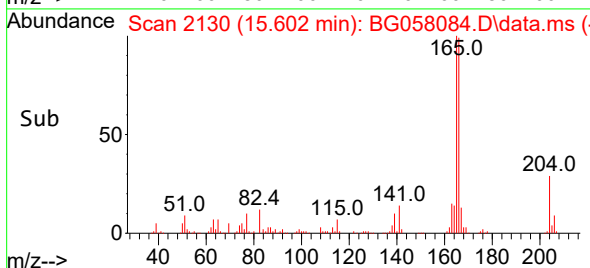
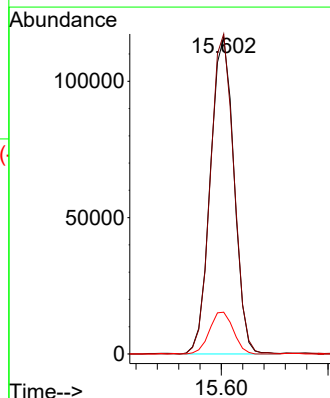
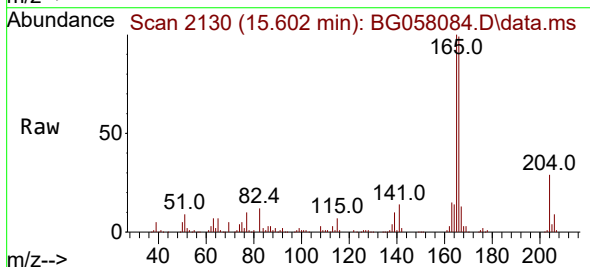
Instrument :
BNA_G
ClientSampleId :
SSTD020501

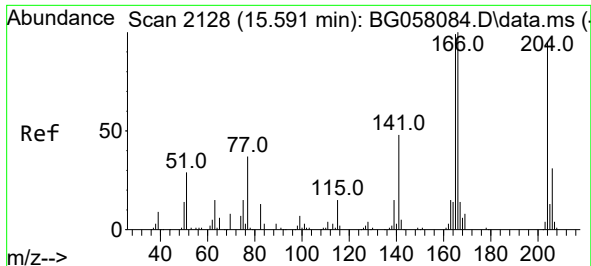
Tgt Ion:149 Resp: 192413
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.1 10.1 15.1



#61
Fluorene
Concen: 22.678 ng/ul
RT: 15.602 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:166 Resp: 178533
Ion Ratio Lower Upper
166 100
165 101.1 79.1 118.7
167 13.2 10.7 16.1

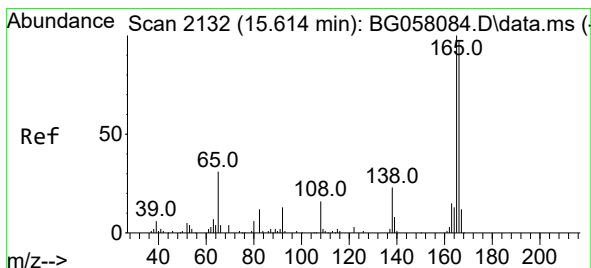
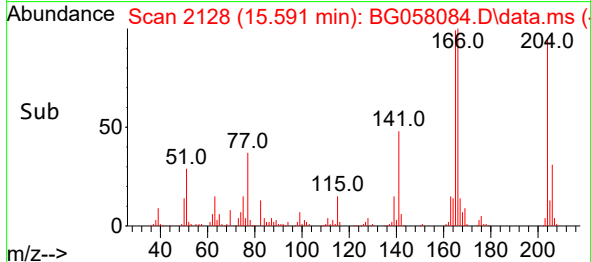
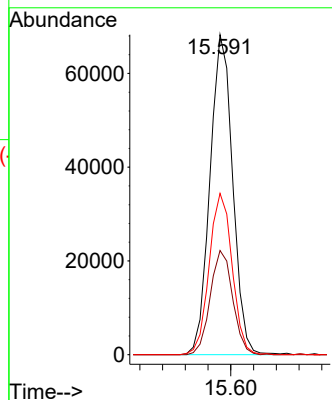
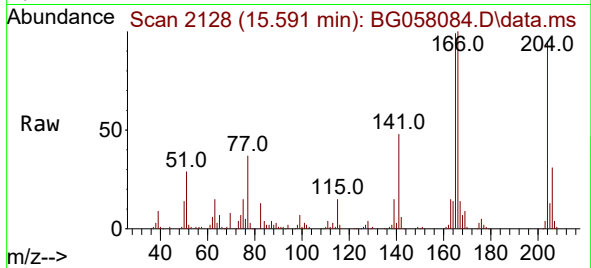




#62
4-Chlorophenyl-phenylether
Concen: 22.679 ng/ul
RT: 15.591 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

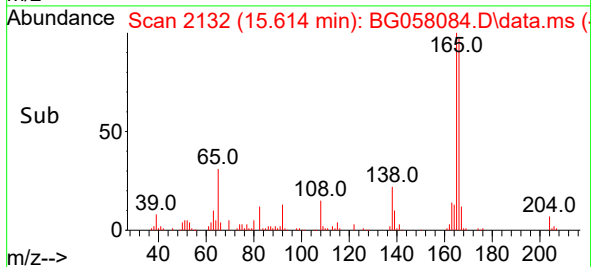
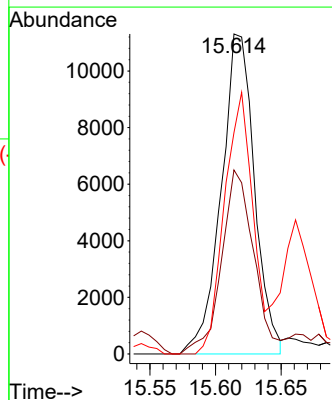
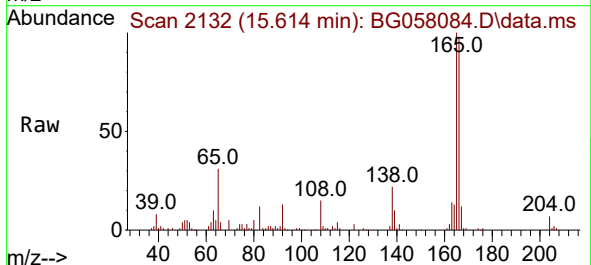
Instrument :
BNA_G
ClientSampleId :
SSTD020501

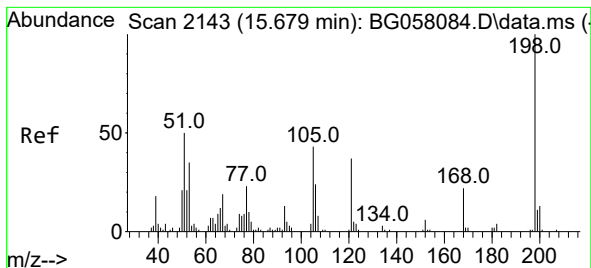
Tgt Ion:204 Resp: 94471
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 50.4 41.8 62.6



#63
4-Nitroaniline
Concen: 15.329 ng/ul
RT: 15.614 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:138 Resp: 19977
Ion Ratio Lower Upper
138 100
92 57.5 43.8 65.8
108 69.2 58.8 88.2

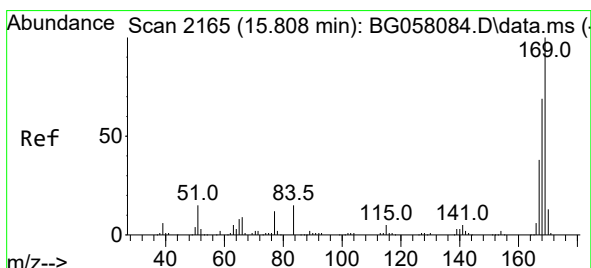
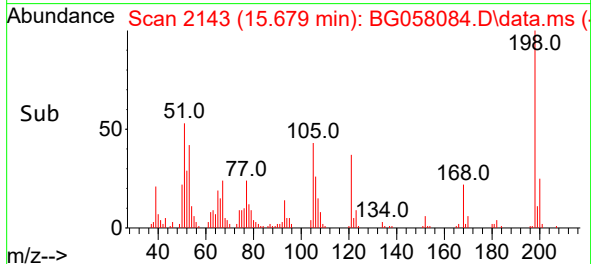
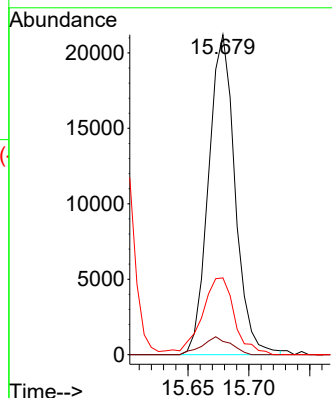
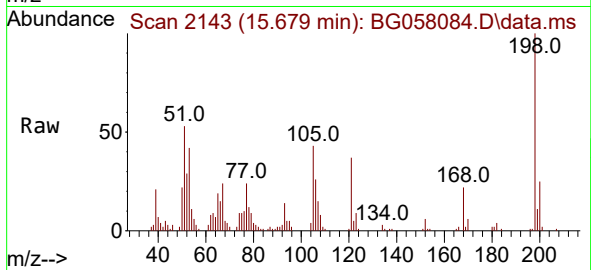




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.885 ng/ul
 RT: 15.679 min Scan# 2143
 Delta R.T. 0.000 min
 Lab File: BG058084.D
 Acq: 8 Jul 2023 8:09

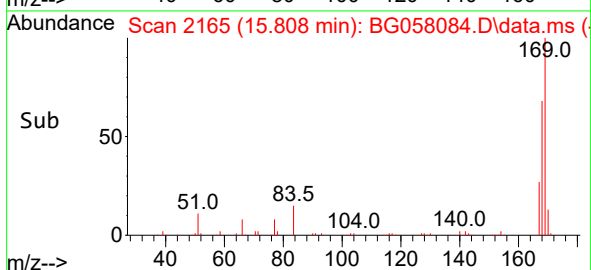
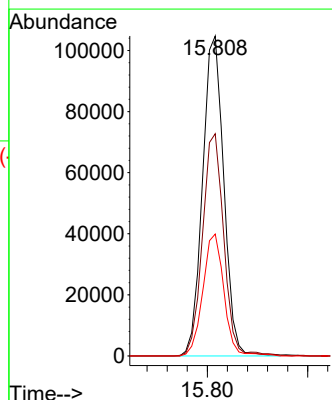
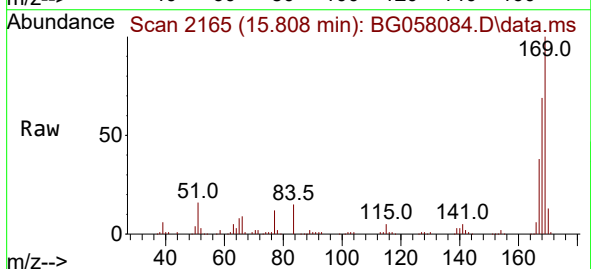
Instrument :
 BNA_G
 ClientSampleId :
 SST020501

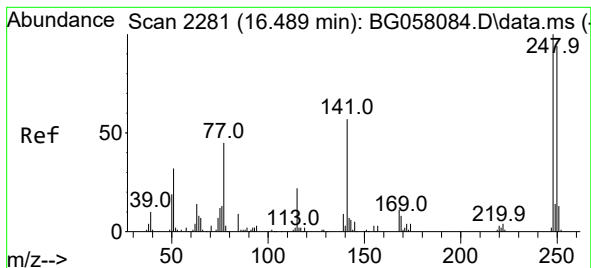
Tgt Ion:198 Resp: 32157
 Ion Ratio Lower Upper
 198 100
 182 4.2 3.1 4.7
 77 24.0 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 20.892 ng/ul
 RT: 15.808 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: BG058084.D
 Acq: 8 Jul 2023 8:09

Tgt Ion:169 Resp: 154169
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.2 81.2
 167 38.1 30.8 46.2

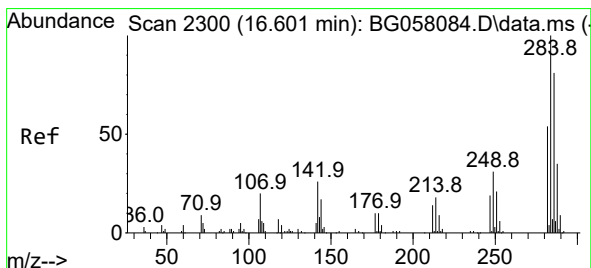
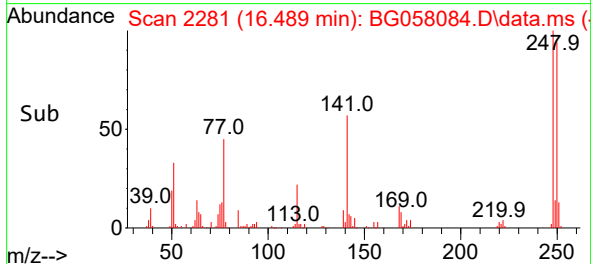
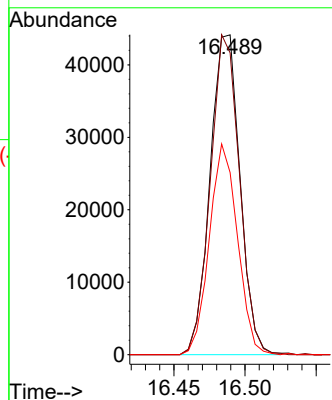
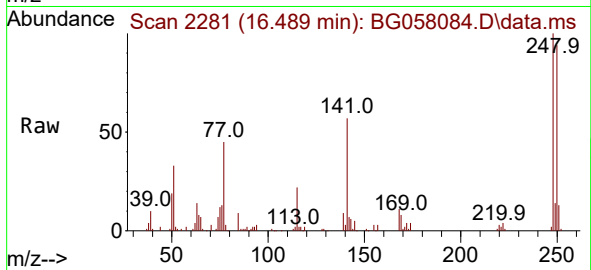




#68
4-Bromophenyl-phenylether
Concen: 21.216 ng/ul
RT: 16.489 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

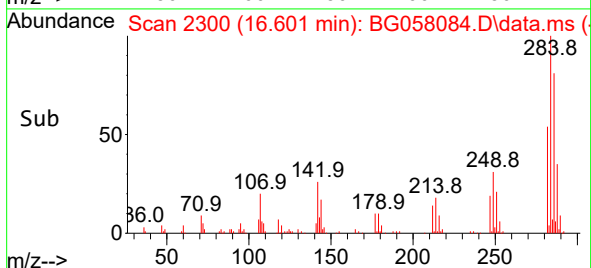
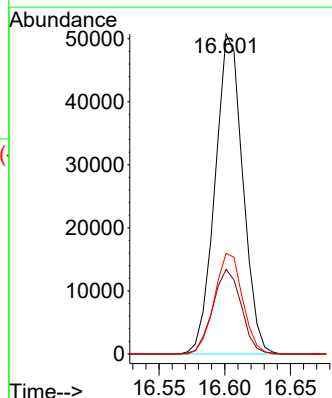
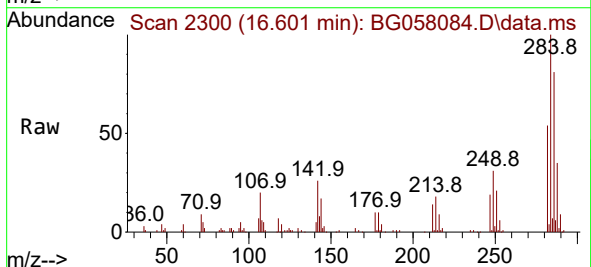
Instrument :
BNA_G
ClientSampleId :
SSTD020501

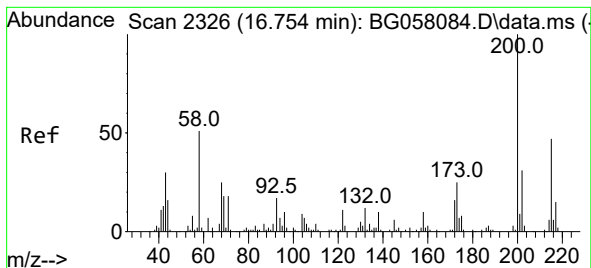
Tgt Ion:248 Resp: 64576
Ion Ratio Lower Upper
248 100
250 94.4 78.3 117.5
141 56.9 49.1 73.7



#69
Hexachlorobenzene
Concen: 21.871 ng/ul
RT: 16.601 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:284 Resp: 74529
Ion Ratio Lower Upper
284 100
142 26.5 21.9 32.9
249 31.5 25.0 37.6





#70

Atrazine

Concen: 21.542 ng/ul

RT: 16.754 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

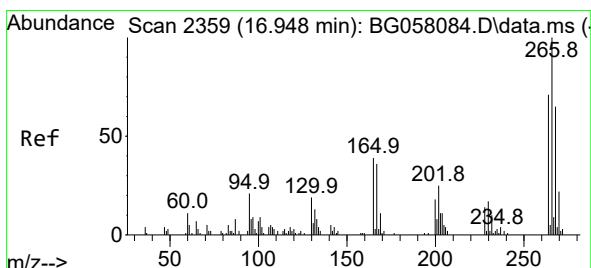
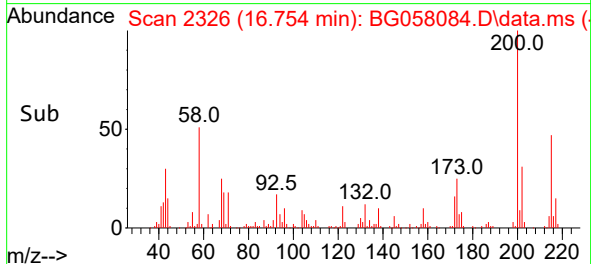
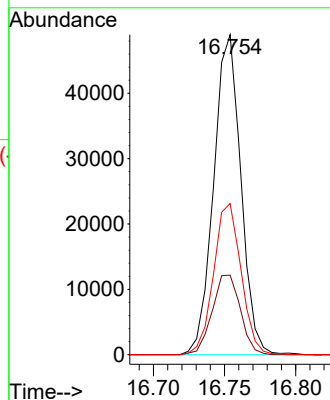
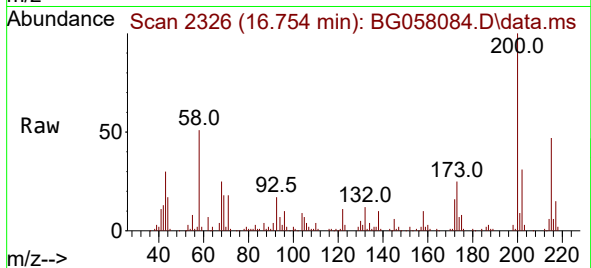
Tgt Ion:200 Resp: 65007

Ion Ratio Lower Upper

200 100

173 24.8 20.0 30.0

215 47.2 35.8 53.8



#71

Pentachlorophenol

Concen: 18.705 ng/ul

RT: 16.948 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

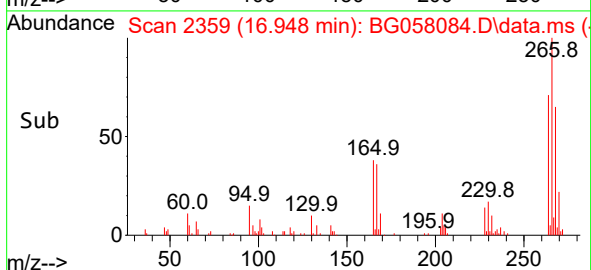
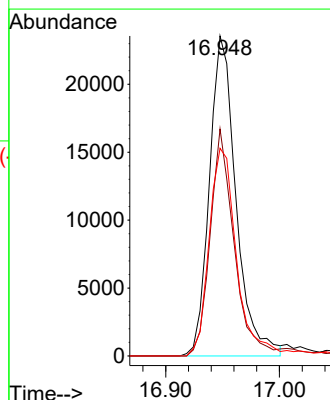
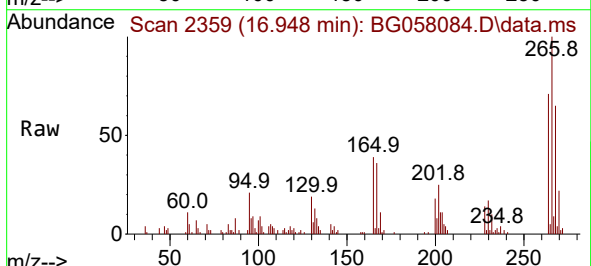
Tgt Ion:266 Resp: 38268

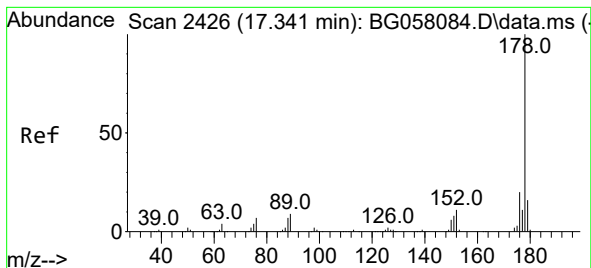
Ion Ratio Lower Upper

266 100

264 71.0 51.5 77.3

268 64.9 49.0 73.4





#72

Phenanthrene

Concen: 21.583 ng/ul

RT: 17.341 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

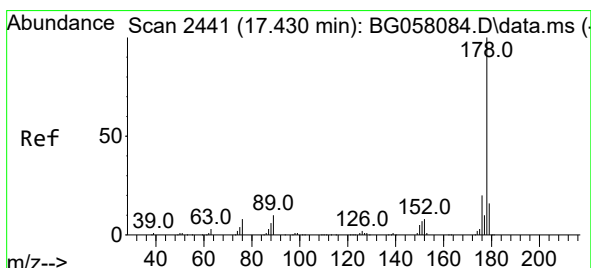
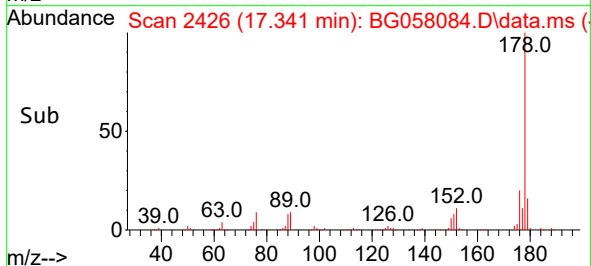
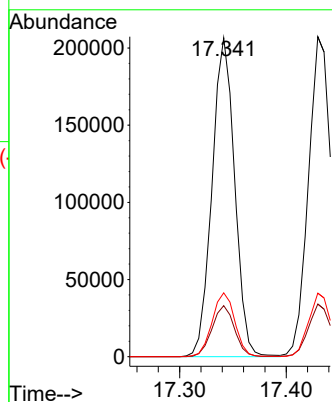
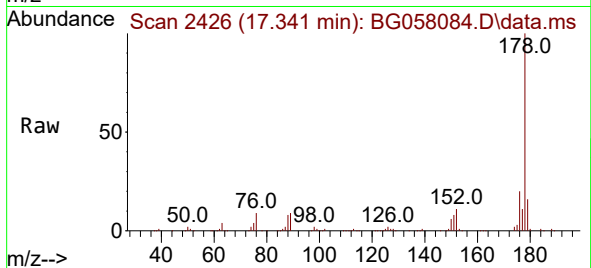
Tgt Ion:178 Resp: 304413

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 20.0 15.7 23.5



#74

Anthracene

Concen: 21.754 ng/ul

RT: 17.430 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

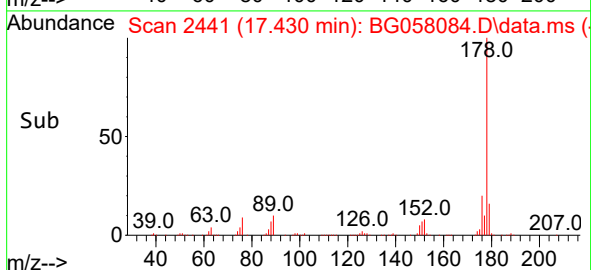
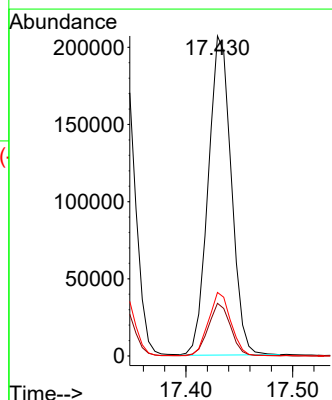
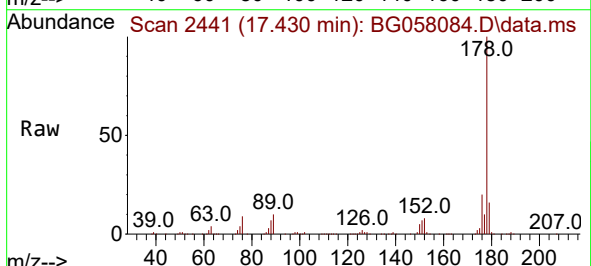
Tgt Ion:178 Resp: 310503

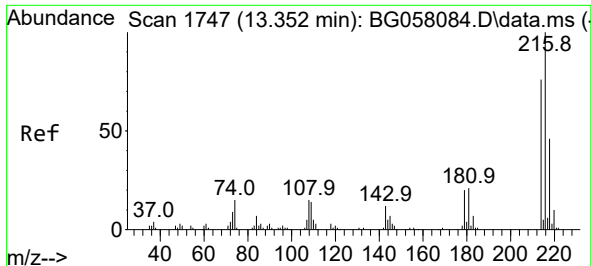
Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 19.9 15.4 23.2

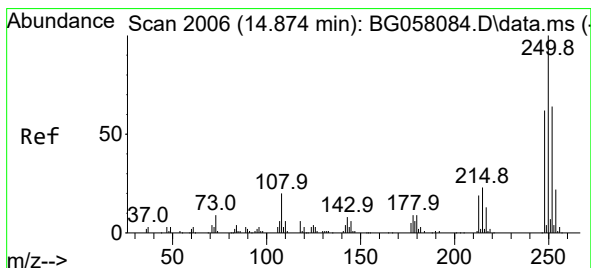
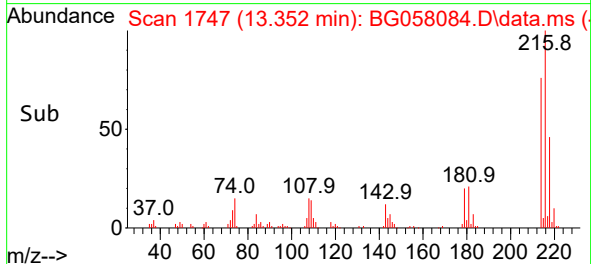
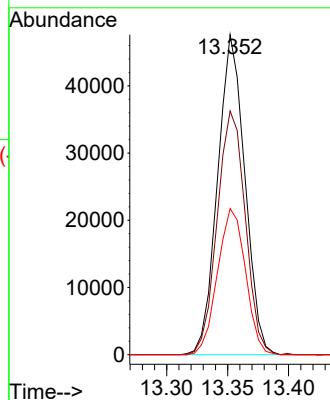
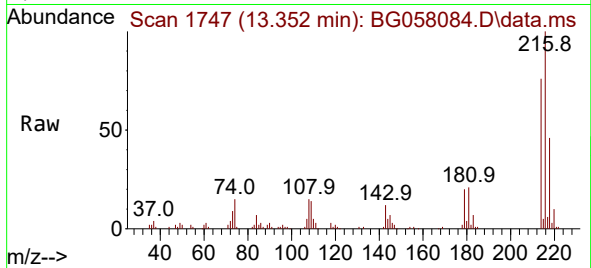




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.147 ng/uL
RT: 13.352 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

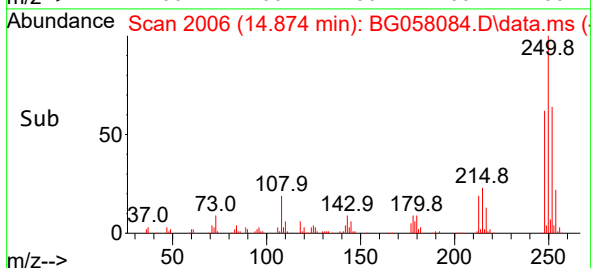
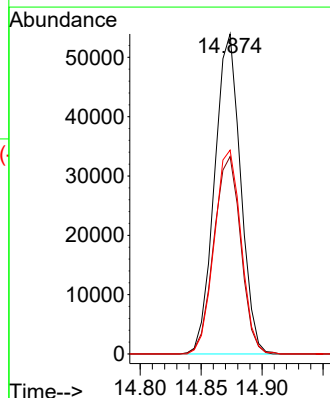
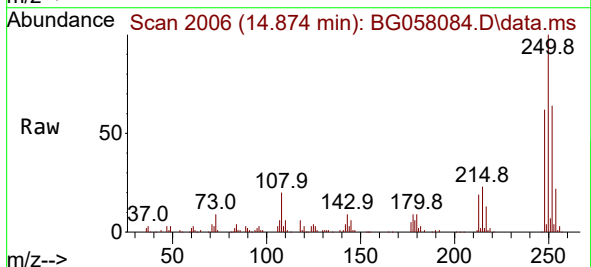
Instrument :
BNA_G
ClientSampleId :
SSTD020501

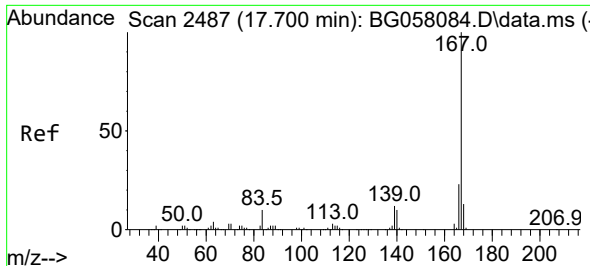
Tgt Ion:216 Resp: 74090
Ion Ratio Lower Upper
216 100
214 76.1 64.8 97.2
218 45.7 39.1 58.7



#76
Pentachlorobenzene
Concen: 20.406 ng/uL
RT: 14.874 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:250 Resp: 80143
Ion Ratio Lower Upper
250 100
248 61.7 52.8 79.2
252 63.7 52.4 78.6

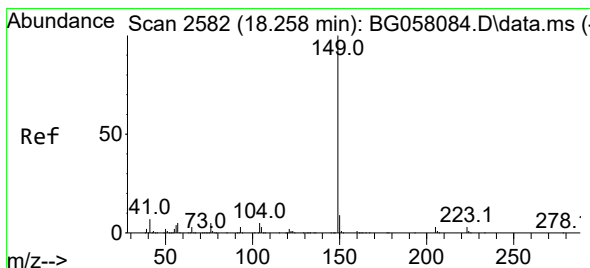
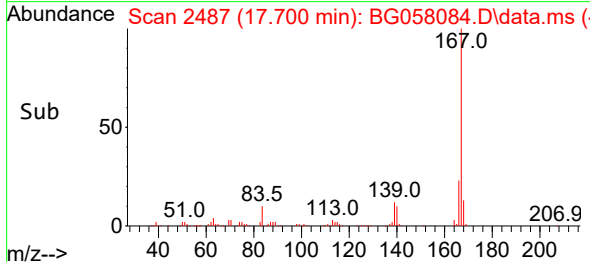
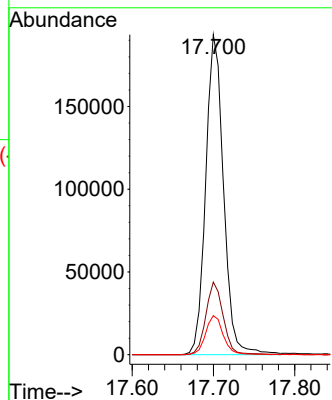
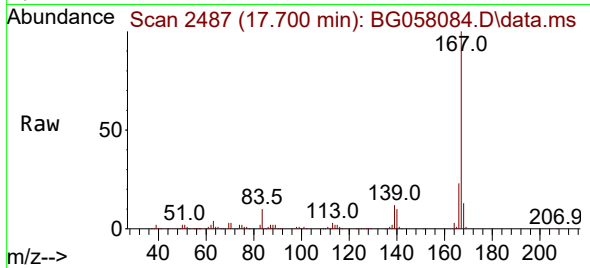




#77
 Carbazole
 Concen: 22.810 ng/ul
 RT: 17.700 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BG058084.D
 Acq: 8 Jul 2023 8:09

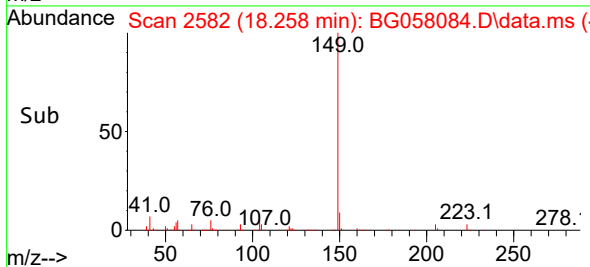
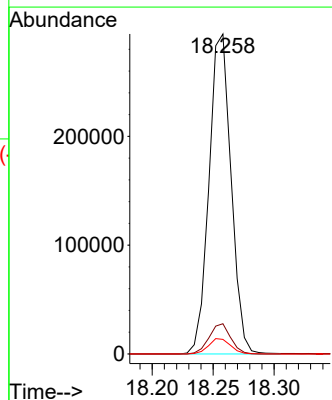
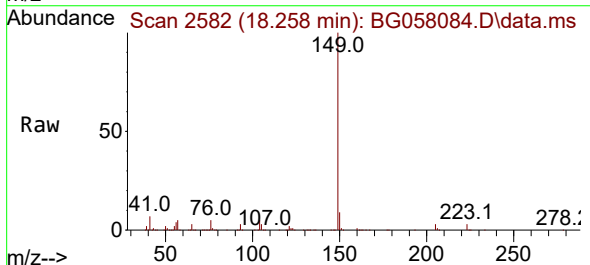
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020501

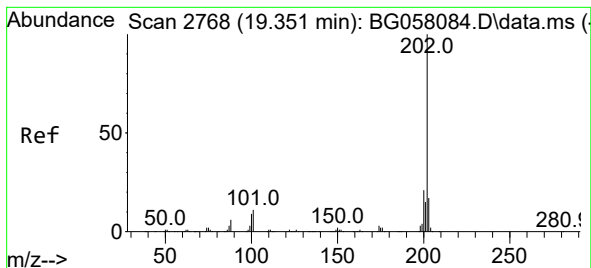
Tgt Ion:167 Resp: 294450
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.5 26.3
 139 12.2 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 22.557 ng/ul
 RT: 18.258 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BG058084.D
 Acq: 8 Jul 2023 8:09

Tgt Ion:149 Resp: 370912
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.6 3.9 5.9

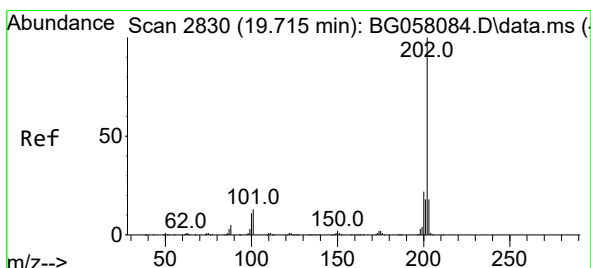
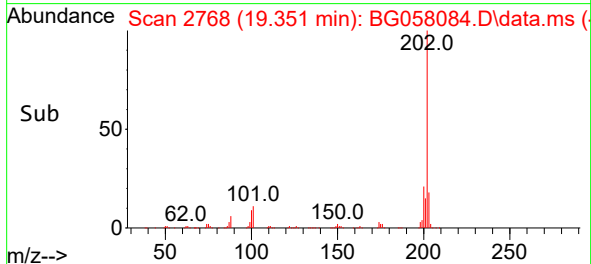
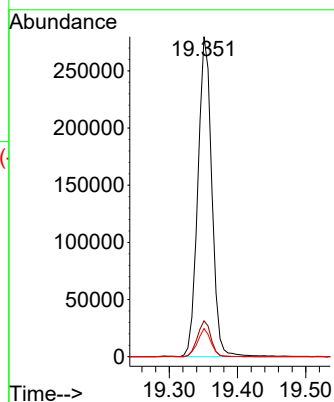
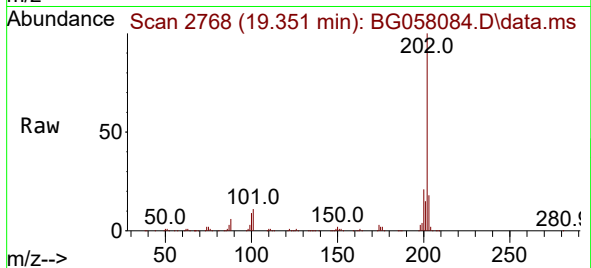




#80
Fluoranthene
Concen: 20.388 ng/ul
RT: 19.351 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

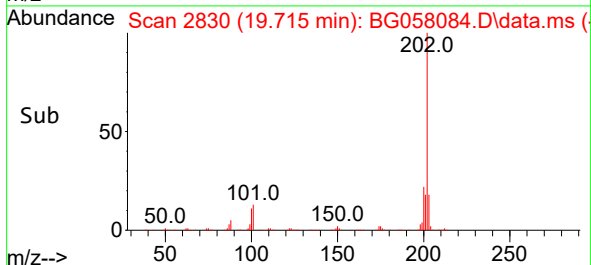
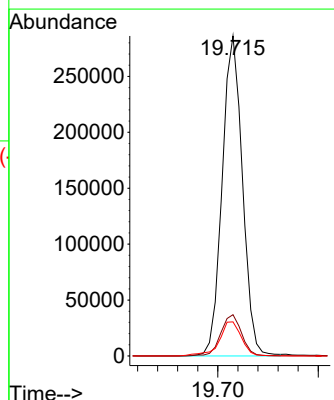
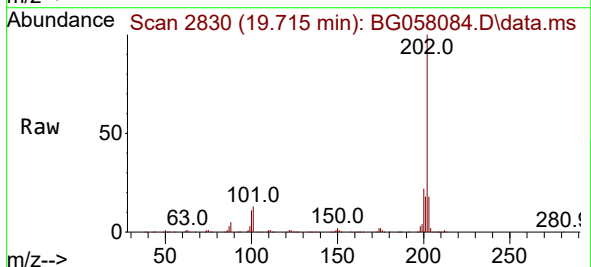
Instrument :
BNA_G
ClientSampleId :
SSTD020501

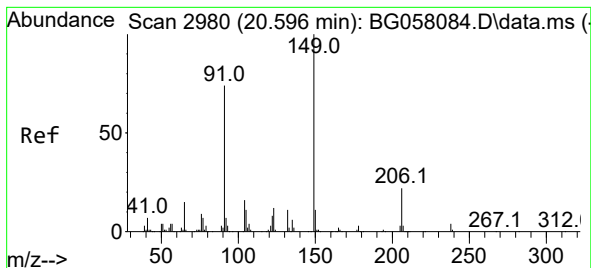
Tgt Ion:202 Resp: 397210
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.8 7.1 10.7



#82
Pyrene
Concen: 20.451 ng/ul
RT: 19.715 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:202 Resp: 401069
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 10.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 20.595 ng/ul

RT: 20.596 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

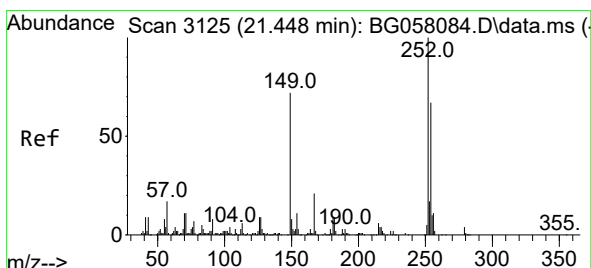
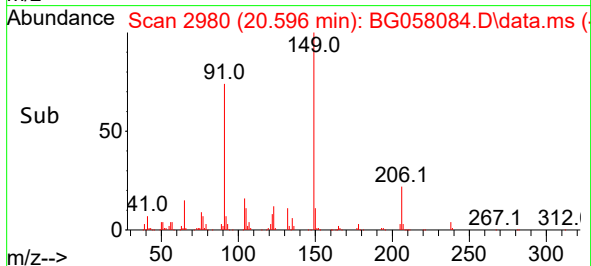
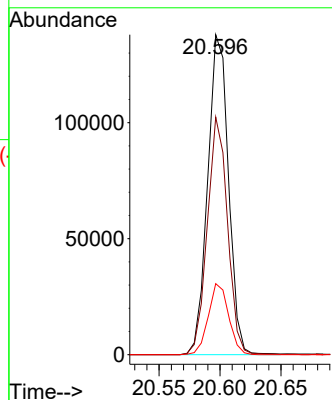
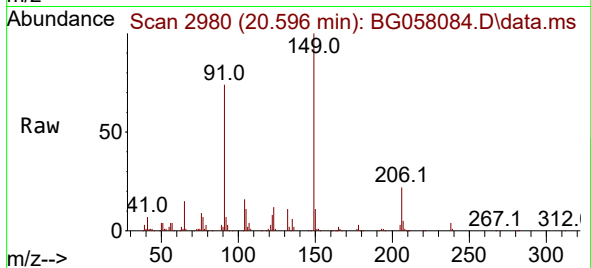
Tgt Ion:149 Resp: 163786

Ion Ratio Lower Upper

149 100

91 74.2 56.5 84.7

206 22.2 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 21.335 ng/ul

RT: 21.448 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

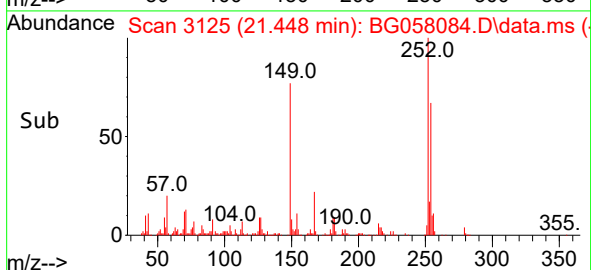
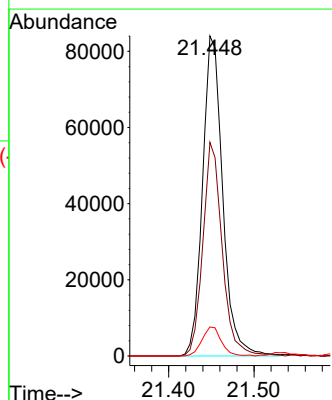
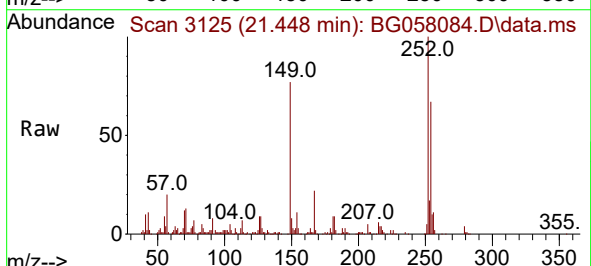
Tgt Ion:252 Resp: 137888

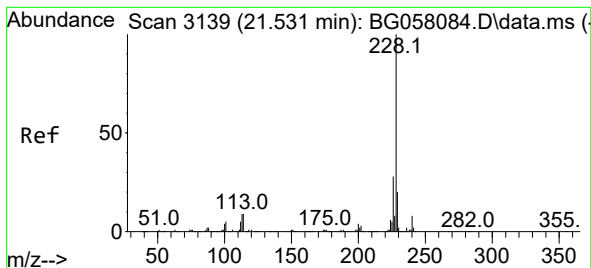
Ion Ratio Lower Upper

252 100

254 66.8 50.7 76.1

126 9.1 6.6 10.0





#85

Benzo(a)anthracene

Concen: 21.221 ng/ul

RT: 21.531 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

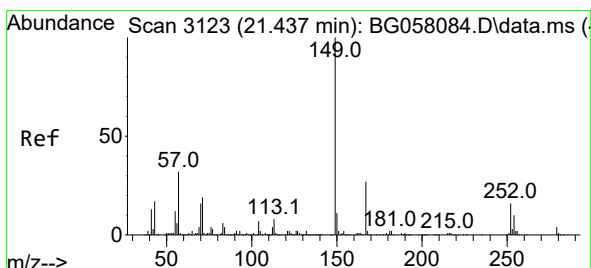
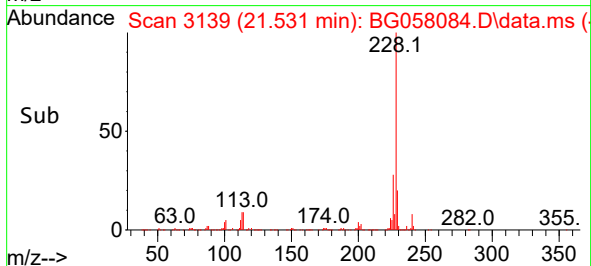
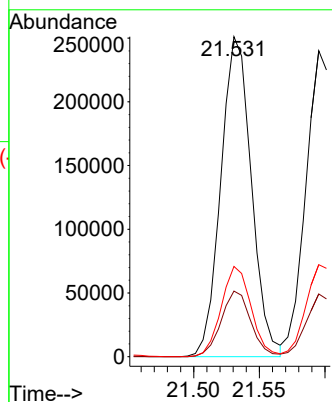
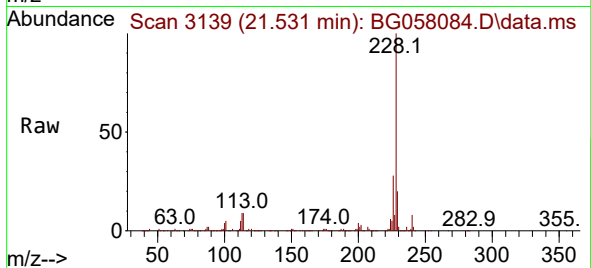
Tgt Ion:228 Resp: 406784

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

226 28.2 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.000 ng/ul

RT: 21.437 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

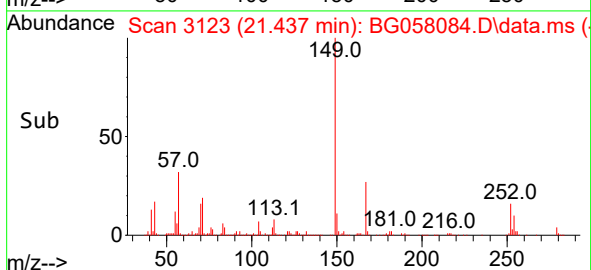
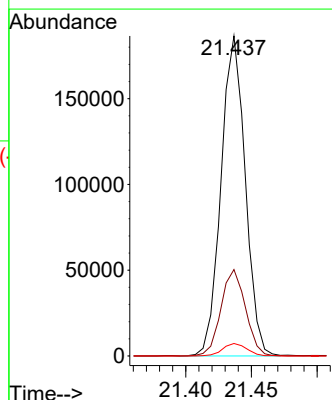
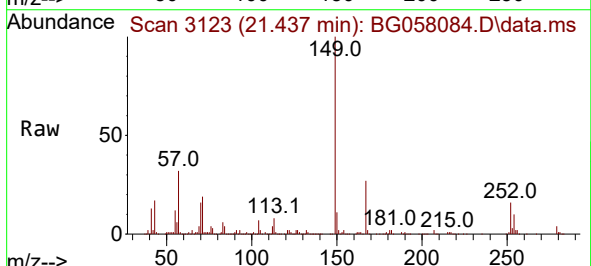
Tgt Ion:149 Resp: 239326

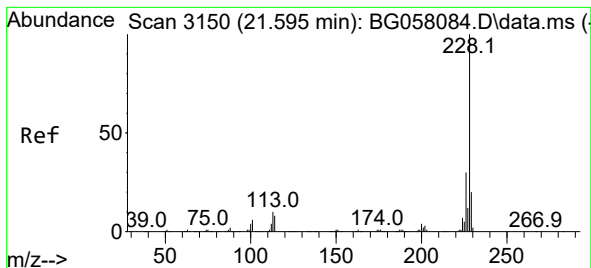
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 3.9 3.1 4.7





#87

Chrysene

Concen: 21.780 ng/ul

RT: 21.595 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

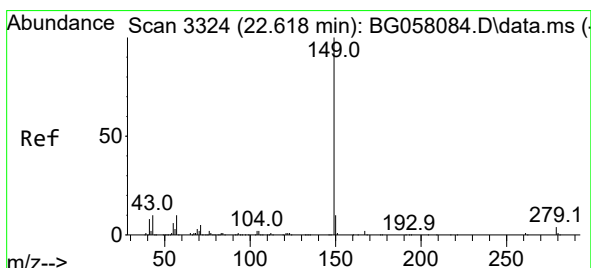
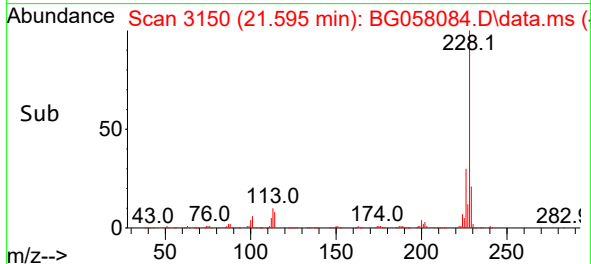
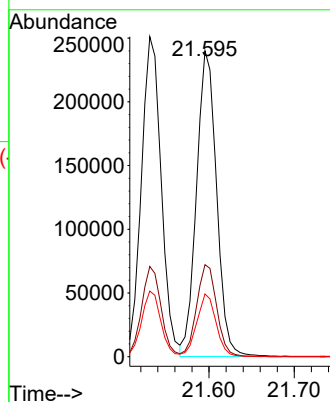
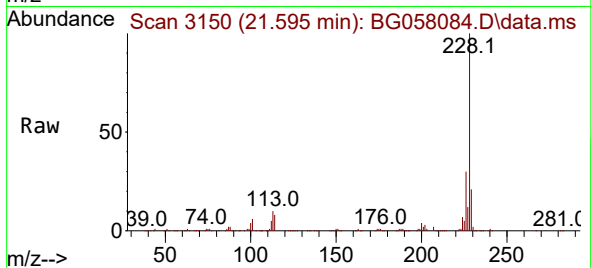
Tgt Ion:228 Resp: 391374

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 20.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.589 ng/ul

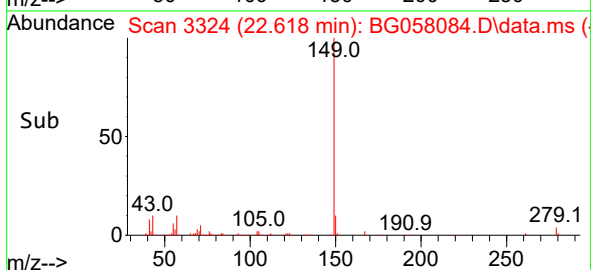
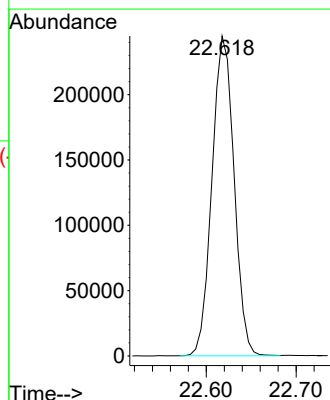
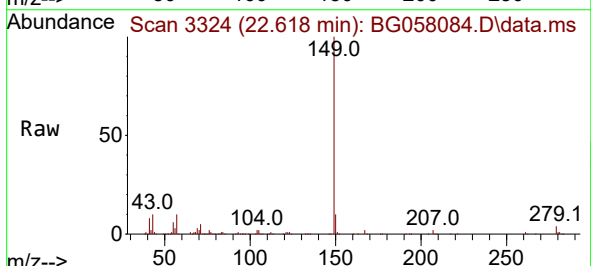
RT: 22.618 min Scan# 3324

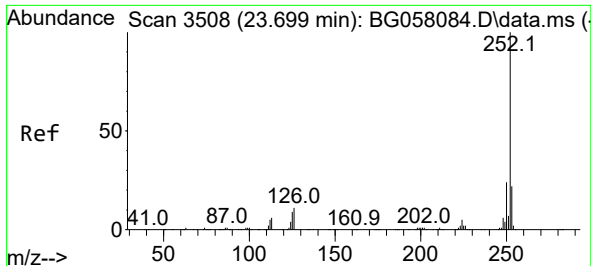
Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Tgt Ion:149 Resp: 417254

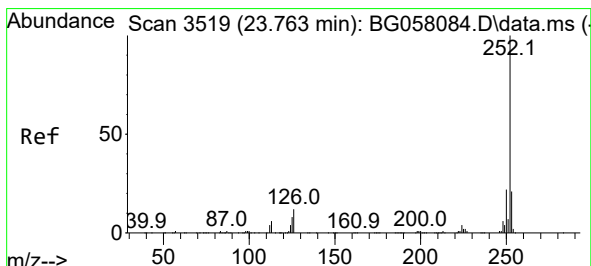
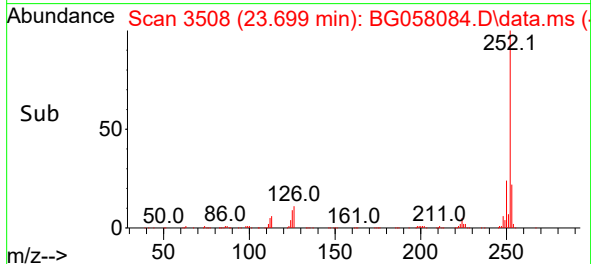
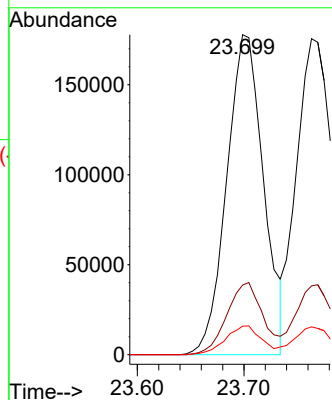
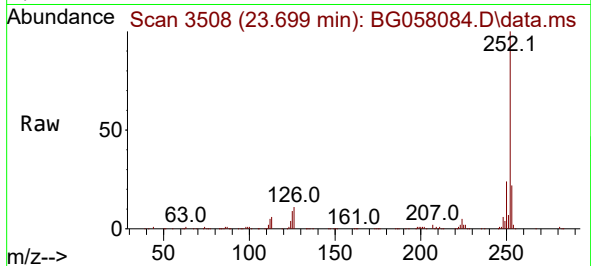




#90
Benzo(b)fluoranthene
Concen: 20.918 ng/ul
RT: 23.699 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

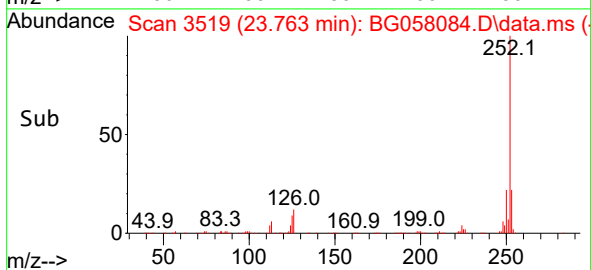
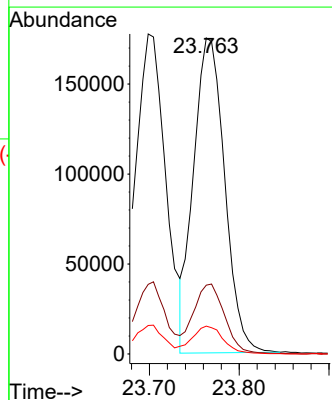
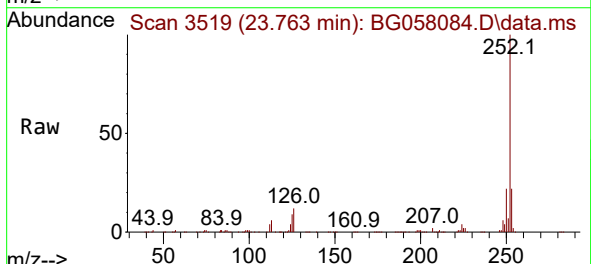
Instrument :
BNA_G
ClientSampleId :
SSTD020501

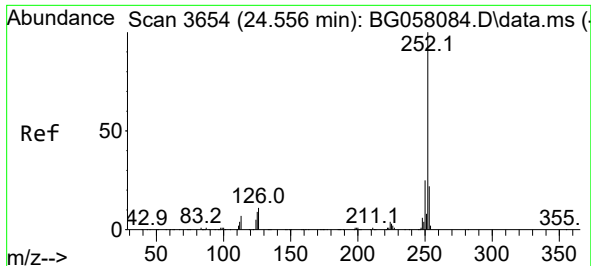
Tgt Ion:252 Resp: 427199
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 8.9 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 21.030 ng/ul
RT: 23.763 min Scan# 3519
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:252 Resp: 420972
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.8 7.4 11.2

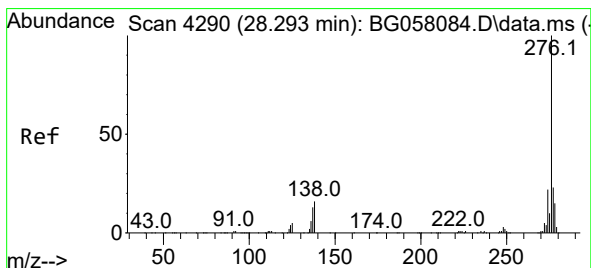
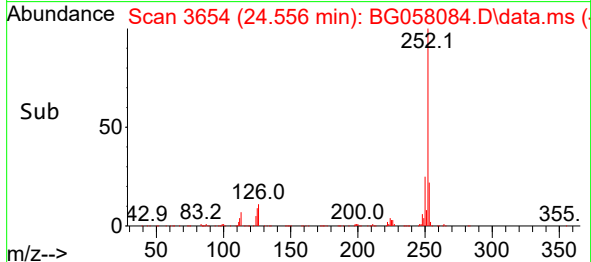
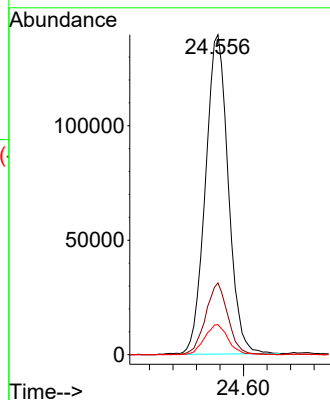
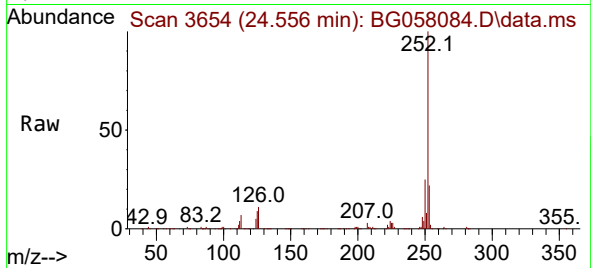




#93
Benzo(a)pyrene
Concen: 20.792 ng/ul
RT: 24.556 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

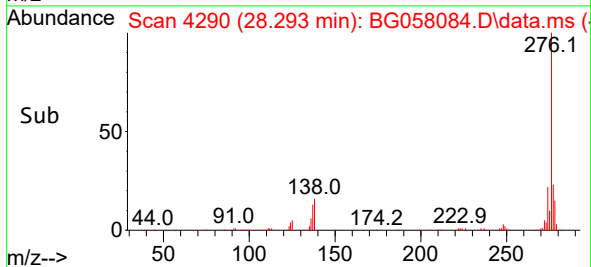
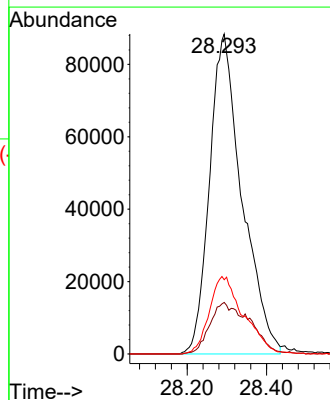
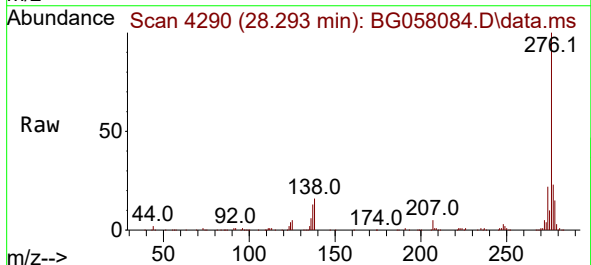
Instrument :
BNA_G
ClientSampleId :
SSTD020501

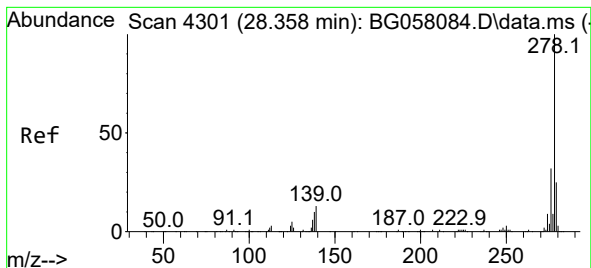
Tgt Ion:252 Resp: 375841
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.4 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.931 ng/ul
RT: 28.293 min Scan# 4290
Delta R.T. 0.000 min
Lab File: BG058084.D
Acq: 8 Jul 2023 8:09

Tgt Ion:276 Resp: 502425
Ion Ratio Lower Upper
276 100
138 16.1 14.0 21.0
277 23.2 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 21.283 ng/ul

RT: 28.358 min Scan# 4301

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Instrument :

BNA_G

ClientSampleId :

SSTD020501

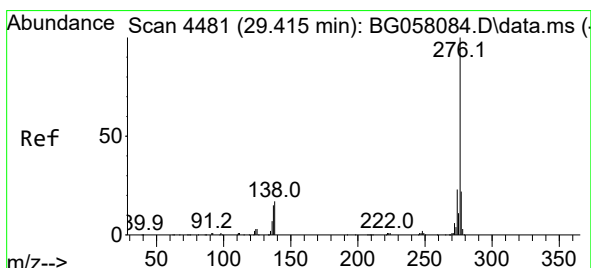
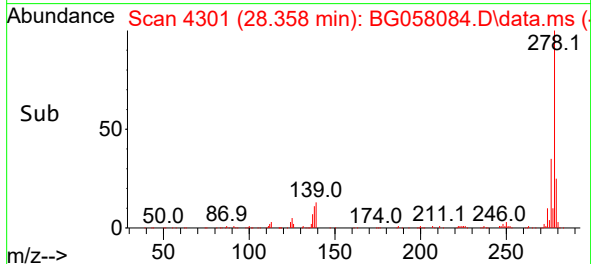
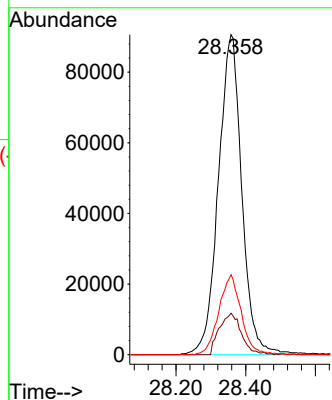
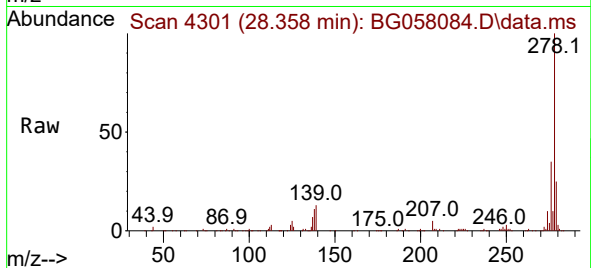
Tgt Ion:278 Resp: 421268

Ion Ratio Lower Upper

278 100

139 13.0 11.3 16.9

279 25.0 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 20.708 ng/ul

RT: 29.415 min Scan# 4481

Delta R.T. 0.000 min

Lab File: BG058084.D

Acq: 8 Jul 2023 8:09

Tgt Ion:276 Resp: 406000

Ion Ratio Lower Upper

276 100

138 16.8 14.2 21.2

277 22.0 18.6 27.8

