

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058128.D
 Acq On : 9 Jul 2023 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020504

Quant Time: Jul 10 00:41:38 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	7.914	152	45969	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	205314	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.553	164	147212	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.297	188	371069	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	331250	20.000	ng/ul	0.00
88) Perylene-d12	24.706	264	412211	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	9951	7.580	ng/uL	0.00
4) Pyridine-d5	3.766	84	77227	19.377	ng/ul	0.00
7) Phenol-d5	7.080	99	86827	18.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	52955	18.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.450	132	60195	18.591	ng/ul	0.00
15) 4-Methylphenol-d8	8.625	113	66479	18.767	ng/ul	0.00
21) Nitrobenzene-d5	9.077	128	32363	19.340	ng/ul	0.00
24) 2-Nitrophenol-d4	9.800	143	35877	20.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	68023	20.162	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	104943	20.516	ng/ul	0.00
46) Dimethylphthalate-d6	13.954	166	219693	18.914	ng/ul	0.00
49) Acenaphthylene-d8	14.248	160	255749	20.178	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	37519	18.283	ng/ul	0.00
60) Fluorene-d10	15.546	176	200072	20.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.664	200	37773	18.747	ng/ul	0.00
73) Anthracene-d10	17.397	188	332810	19.329	ng/ul	0.00
81) Pyrene-d10	19.688	212	389813	18.685	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.489	264	399316	19.014	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	10378	6.399	ng/uL	97
5) Pyridine	3.783	79	78537	19.233	ng/ul	97
6) Benzaldehyde	7.050	77	15065	9.609	ng/ul	90
8) Phenol	7.109	94	91457	19.198	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.332	93	68563	18.639	ng/ul	100
12) 2-Chlorophenol	7.479	128	64071	19.016	ng/ul	97
13) 2-Methylphenol	8.360	108	69516	18.580	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.443	45	108172	19.104	ng/ul	97
16) Acetophenone	8.736	105	112534	19.148	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.719	70	59359	18.893	ng/ul	94
18) 4-Methylphenol	8.684	108	79302	19.602	ng/ul	95
19) Hexachloroethane	8.995	117	25168	19.485	ng/ul	98
22) Nitrobenzene	9.118	77	84256	19.395	ng/ul	98
23) Isophorone	9.635	82	176649	19.057	ng/ul	99
25) 2-Nitrophenol	9.829	139	37436	19.837	ng/ul	95
26) 2,4-Dimethylphenol	9.888	107	84734	19.967	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.123	93	97942	18.750	ng/ul	99
29) 2,4-Dichlorophenol	10.370	162	65847	20.073	ng/ul	95
30) Naphthalene	10.769	128	225947	19.582	ng/ul	99
32) 4-Chloroaniline	10.881	127	107371	20.528	ng/ul	96
33) Hexachlorobutadiene	11.051	225	44839	19.308	ng/ul	97
34) Caprolactam	11.627	113	25148	19.068	ng/ul	94
35) 4-Chloro-3-methylphenol	12.003	107	84954	21.083	ng/ul	97
36) 2-Methylnaphthalene	12.379	142	153733	19.765	ng/ul	95

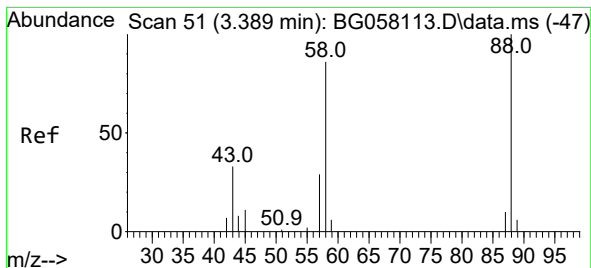
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.597	142	153996	19.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.744	216	89394	19.926	ng/ul	99
40) Hexachlorocyclopentadiene	12.720	237	45130	15.971	ng/ul	97
41) 2,4,6-Trichlorophenol	12.984	196	62358	20.509	ng/ul	99
42) 2,4,5-Trichlorophenol	13.061	196	67488	20.523	ng/ul	99
43) 1,1'-Biphenyl	13.384	154	209529	19.751	ng/ul	100
44) 2-Chloronaphthalene	13.431	162	167903	19.720	ng/ul	100
45) 2-Nitroaniline	13.637	65	60194	20.334	ng/ul	93
47) Dimethylphthalate	14.001	163	226048	19.371	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	47618	19.880	ng/ul	96
50) Acenaphthylene	14.277	152	275598	20.135	ng/ul	98
51) 3-Nitroaniline	14.453	138	35615	17.594	ng/ul	100
52) Acenaphthene	14.618	153	188465	20.066	ng/ul	98
53) 2,4-Dinitrophenol	14.665	184	22997	18.416	ng/ul	93
55) 4-Nitrophenol	14.771	109	30127	19.818	ng/ul	91
56) Dibenzofuran	14.953	168	267787	20.057	ng/ul	97
57) 2,4-Dinitrotoluene	14.917	165	70710	20.835	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.176	232	61378	20.504	ng/ul	99
59) Diethylphthalate	15.364	149	234501	19.253	ng/ul	100
61) Fluorene	15.599	166	222929	20.350	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	115377	19.905	ng/ul	99
63) 4-Nitroaniline	15.617	138	19600	10.809	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.681	198	39041	18.947	ng/ul	99
67) N-Nitrosodiphenylamine	15.805	169	187695	19.006	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	80436	19.748	ng/ul	98
69) Hexachlorobenzene	16.604	284	92084	20.192	ng/ul	98
70) Atrazine	16.751	200	76492	18.942	ng/ul	94
71) Pentachlorophenol	16.950	266	47623	17.395	ng/ul	99
72) Phenanthrene	17.344	178	370280	19.617	ng/ul	99
74) Anthracene	17.432	178	375911	19.680	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.355	216	94114	19.124	ng/uL	97
76) Pentachlorobenzene	14.870	250	103820	19.753	ng/uL	98
77) Carbazole	17.702	167	344402	19.937	ng/ul	99
78) Di-n-butylphthalate	18.255	149	432687	19.663	ng/ul	100
80) Fluoranthene	19.353	202	450090	18.619	ng/ul	99
82) Pyrene	19.718	202	457951	18.820	ng/ul	99
83) Butylbenzylphthalate	20.599	149	191483	19.406	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.451	252	163006	20.327	ng/ul	98
85) Benzo(a)anthracene	21.533	228	460623	19.367	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	278138	19.670	ng/ul	99
87) Chrysene	21.598	228	441075	19.783	ng/ul	99
89) Di-n-octyl phthalate	22.620	149	493310	19.477	ng/ul	100
90) Benzo(b)fluoranthene	23.701	252	488905	19.155	ng/ul	96
91) Benzo(k)fluoranthene	23.766	252	471354	18.841	ng/ul	99
93) Benzo(a)pyrene	24.553	252	423363	18.741	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.296	276	571079	19.037	ng/ul	99
95) Dibenzo(a,h)anthracene	28.355	278	474110	19.166	ng/ul	98
96) Benzo(g,h,i)perylene	29.412	276	460224	18.783	ng/ul	98

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



#2

1,4-Dioxane

Concen: 6.399 ng/uL

RT: 3.396 min Scan# 51

Delta R.T. 0.003 min

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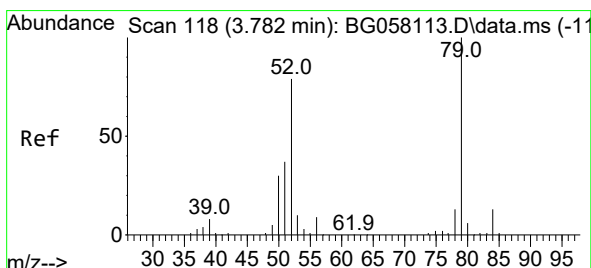
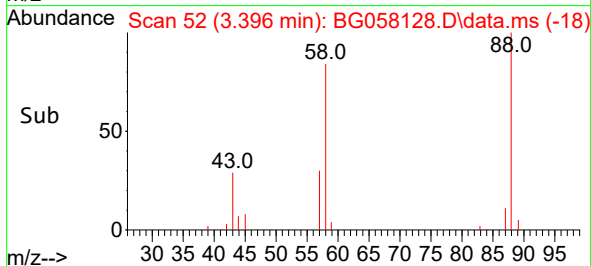
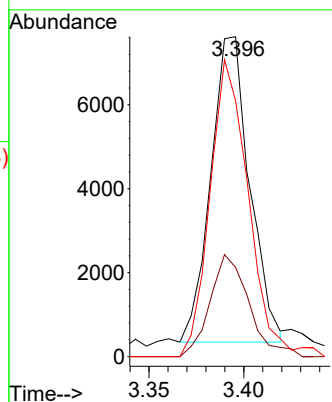
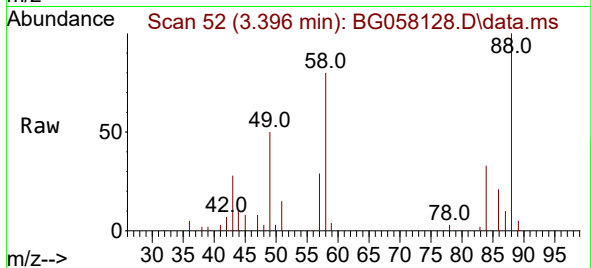
Tgt Ion: 88 Resp: 10378

Ion Ratio Lower Upper

88 100

43 27.9 20.6 30.8

58 80.0 65.5 98.3



#5

Pyridine

Concen: 19.233 ng/uL

RT: 3.783 min Scan# 118

Delta R.T. -0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

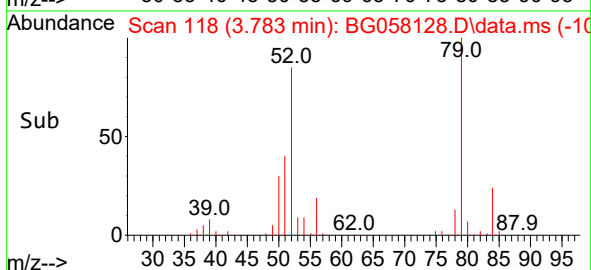
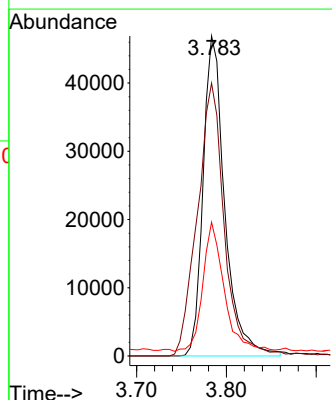
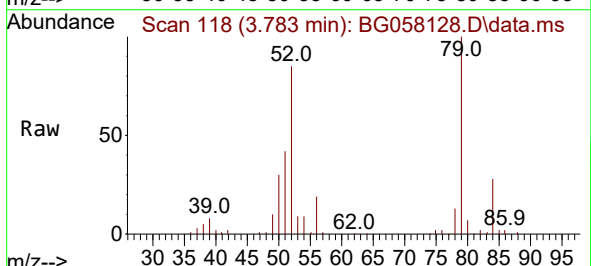
Tgt Ion: 79 Resp: 78537

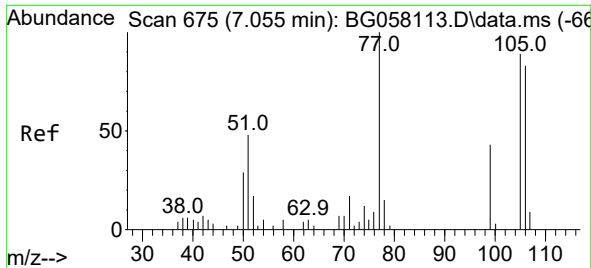
Ion Ratio Lower Upper

79 100

52 85.2 68.6 102.8

51 41.8 29.4 44.0

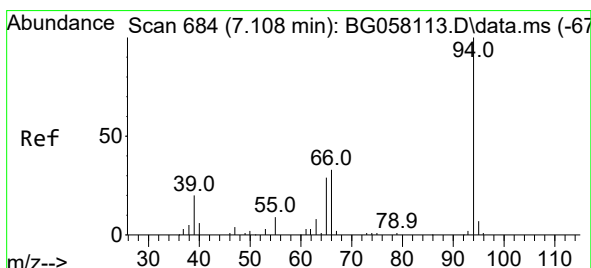
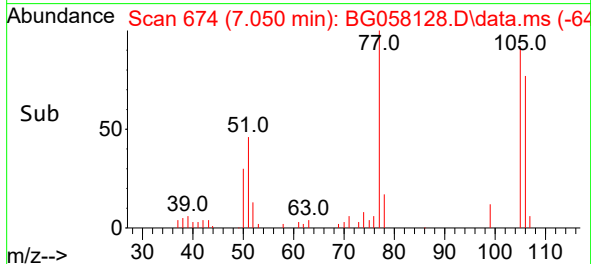
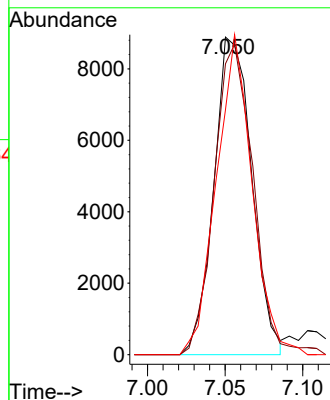
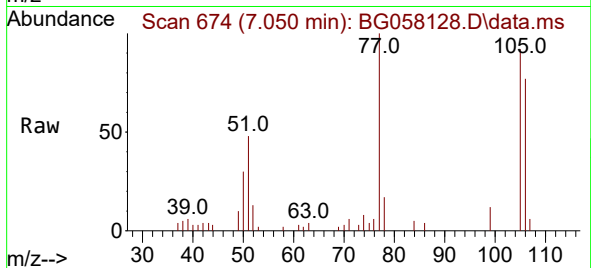




#6
Benzaldehyde
Concen: 9.609 ng/ul
RT: 7.050 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

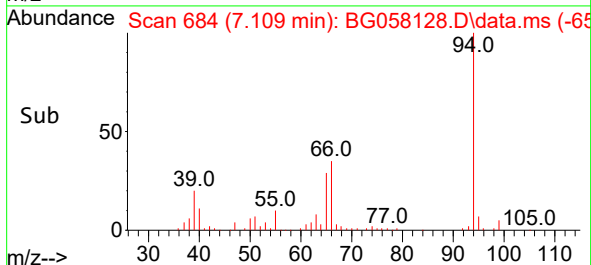
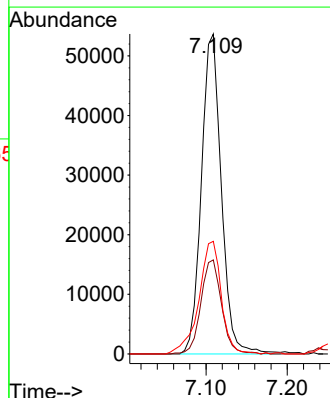
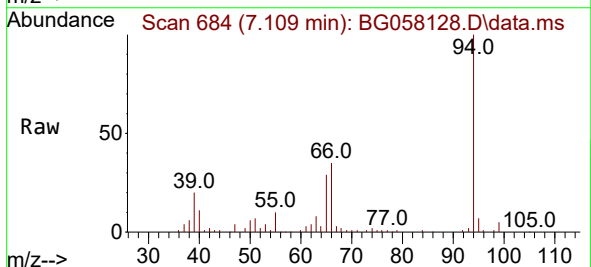
Instrument :
BNA_G
ClientSampleId :
SSTD020504

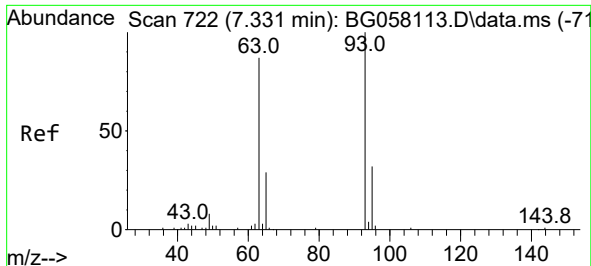
Tgt Ion: 77 Resp: 15065
Ion Ratio Lower Upper
77 100
105 91.6 74.7 112.1
106 77.1 75.9 113.9



#8
Phenol
Concen: 19.198 ng/ul
RT: 7.109 min Scan# 684
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion: 94 Resp: 91457
Ion Ratio Lower Upper
94 100
65 29.4 22.2 33.4
66 35.2 28.6 43.0

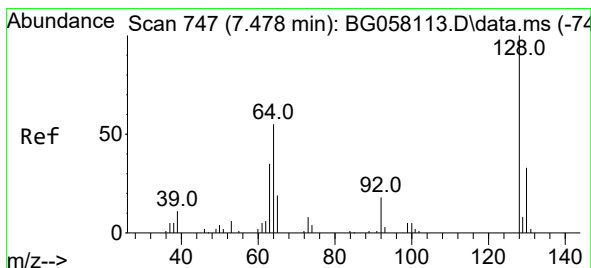
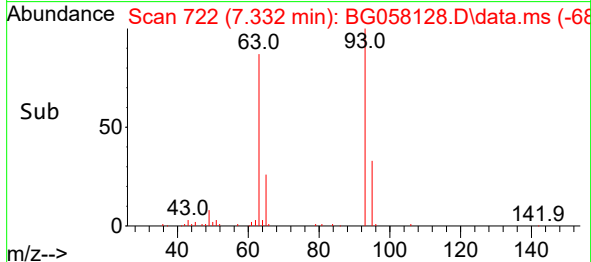
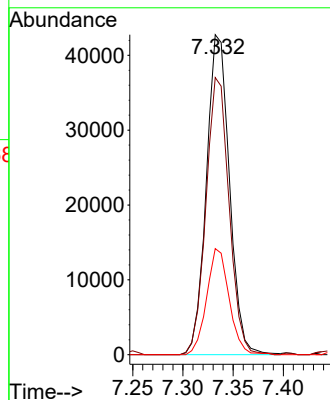
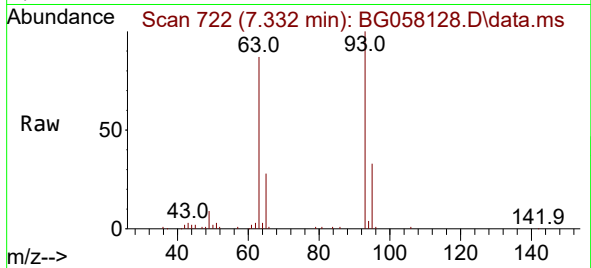




#10
Bis(2-Chloroethyl)ether
Concen: 18.639 ng/ul
RT: 7.332 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

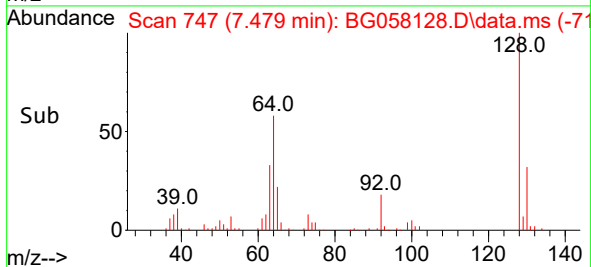
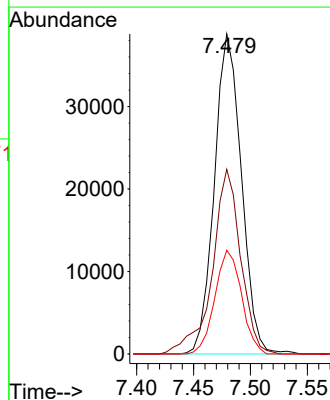
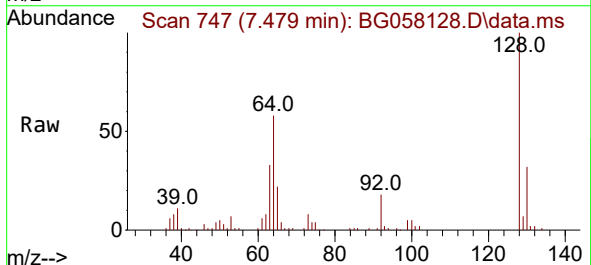
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ClientSampleId :
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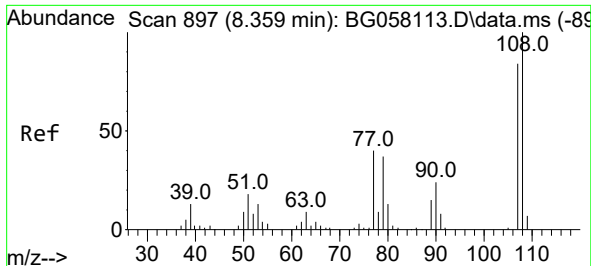
Tgt Ion: 93 Resp: 68563
Ion Ratio Lower Upper
93 100
63 86.6 69.4 104.0
95 33.1 27.0 40.6



#12
2-Chlorophenol
Concen: 19.016 ng/ul
RT: 7.479 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:128 Resp: 64071
Ion Ratio Lower Upper
128 100
64 57.7 44.3 66.5
130 32.4 27.3 40.9

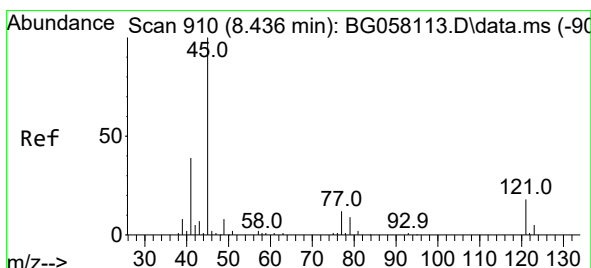
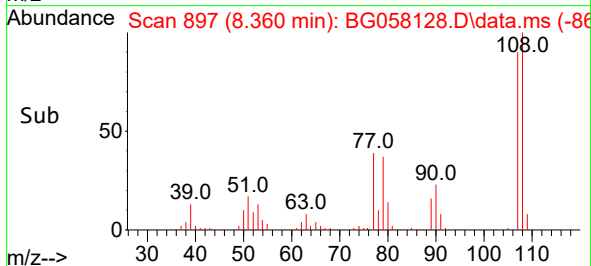
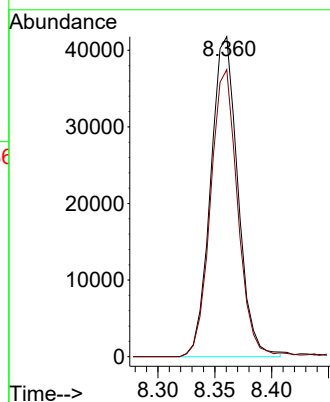
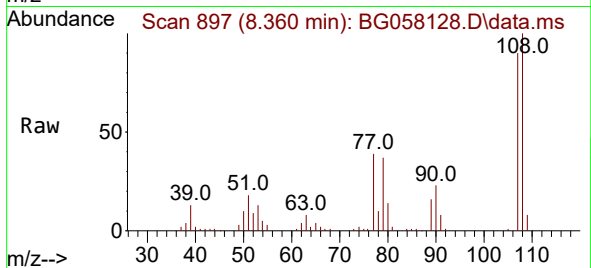




#13
2-Methylphenol
Concen: 18.580 ng/ul
RT: 8.360 min Scan# 897
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

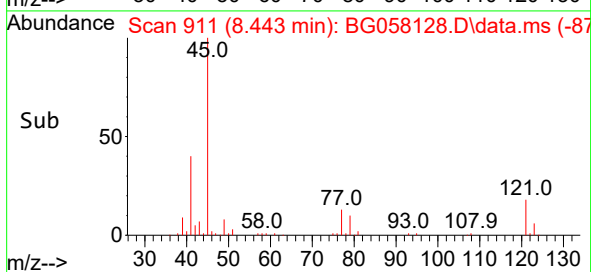
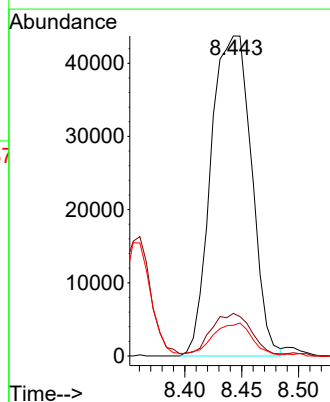
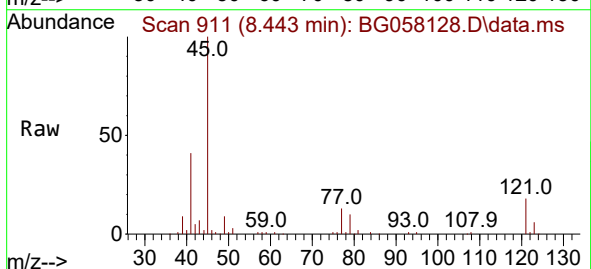
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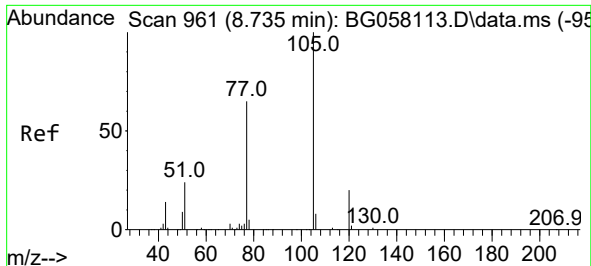
Tgt Ion:108 Resp: 69516
Ion Ratio Lower Upper
108 100
107 89.7 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.104 ng/ul
RT: 8.443 min Scan# 911
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion: 45 Resp: 108172
Ion Ratio Lower Upper
45 100
77 13.3 9.4 14.2
79 9.6 8.3 12.5

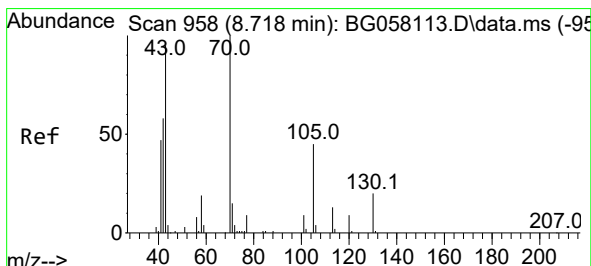
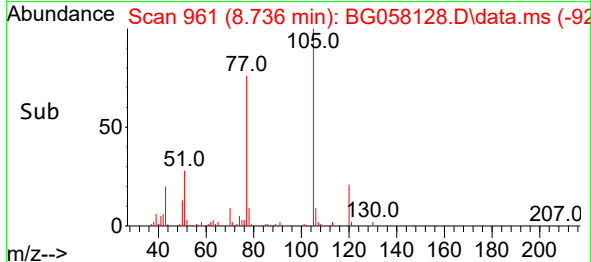
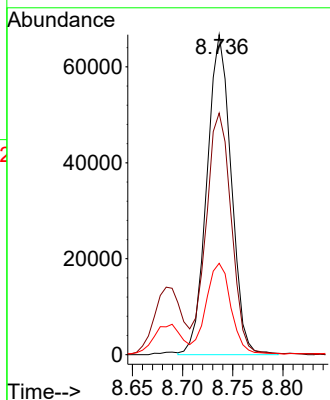
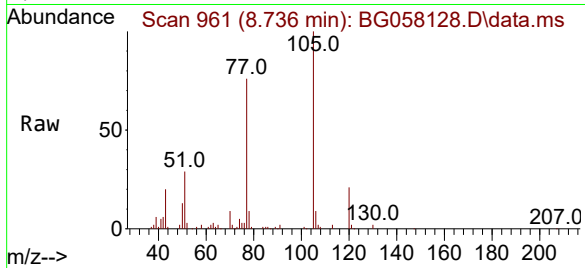




#16
Acetophenone
Concen: 19.148 ng/ul
RT: 8.736 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

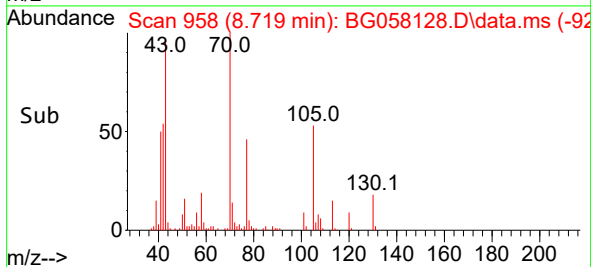
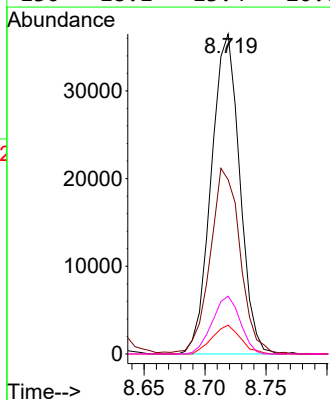
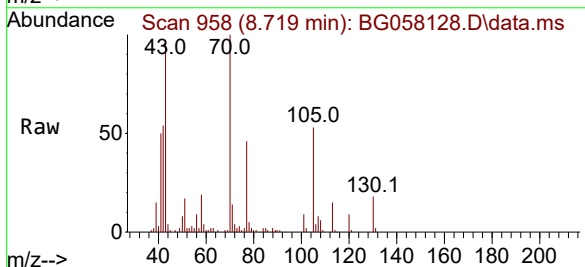
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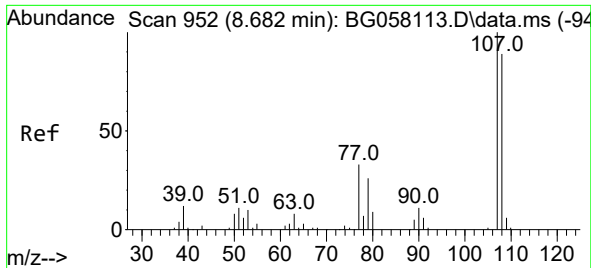
Tgt Ion:105 Resp: 112534
Ion Ratio Lower Upper
105 100
77 75.5 61.2 91.8
51 28.5 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 18.893 ng/ul
RT: 8.719 min Scan# 958
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion: 70 Resp: 59359
Ion Ratio Lower Upper
70 100
42 54.4 48.0 72.0
101 9.0 7.4 11.2
130 18.1 13.4 20.0

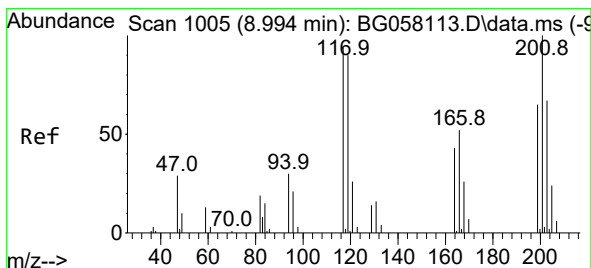
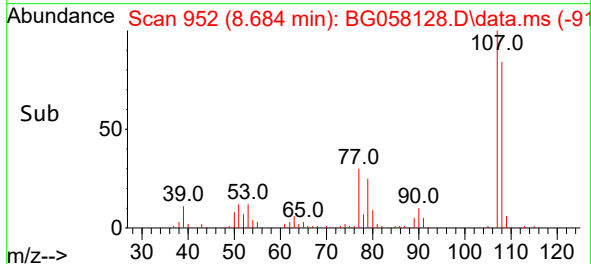
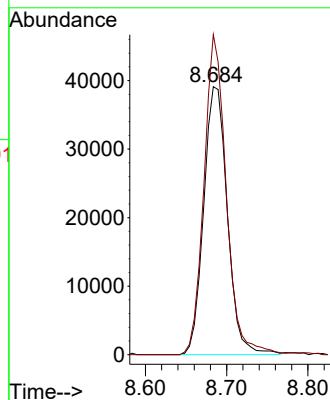
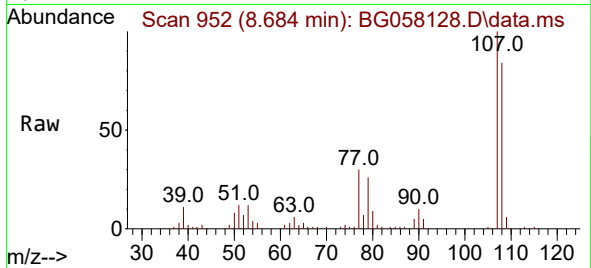




#18
4-Methylphenol
Concen: 19.602 ng/ul
RT: 8.684 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

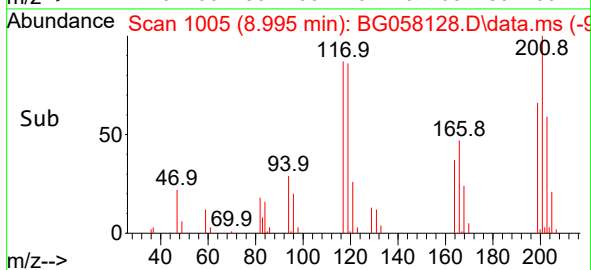
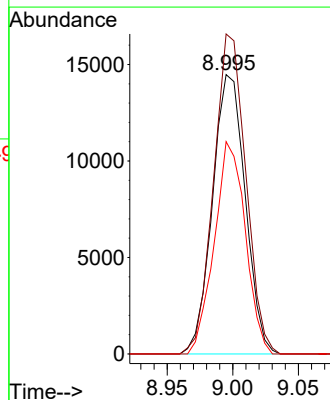
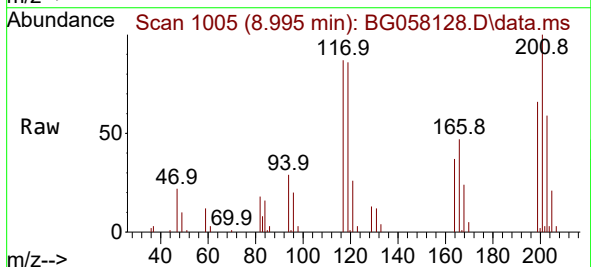
Instrument :
BNA_G
ClientSampleId :
SSTD020504

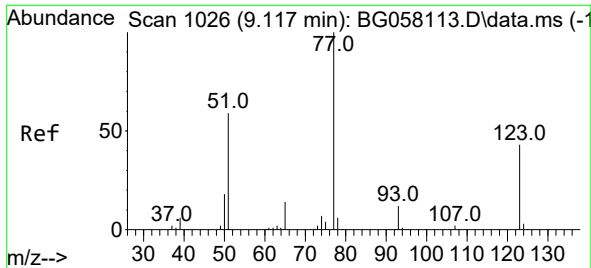
Tgt Ion:108 Resp: 79302
Ion Ratio Lower Upper
108 100
107 119.4 91.1 136.7



#19
Hexachloroethane
Concen: 19.485 ng/ul
RT: 8.995 min Scan# 1005
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:117 Resp: 25168
Ion Ratio Lower Upper
117 100
201 114.6 94.0 141.0
199 76.0 59.8 89.6

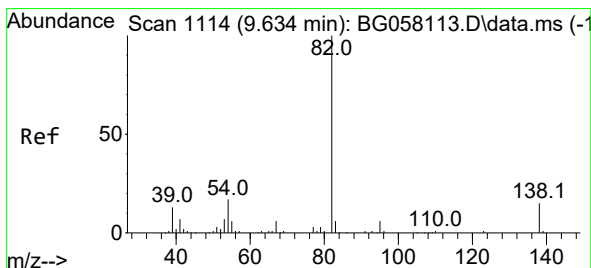
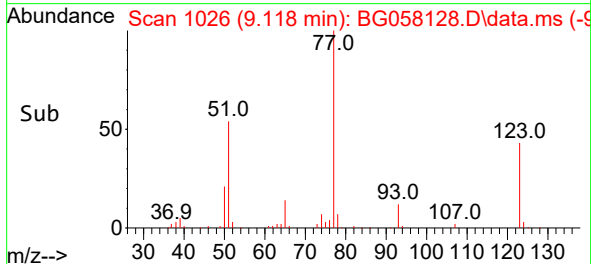
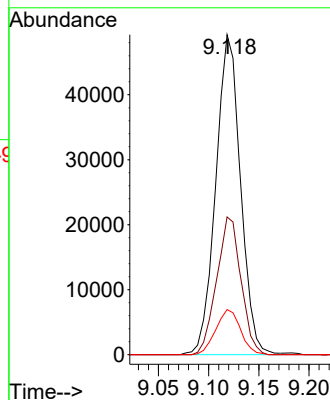
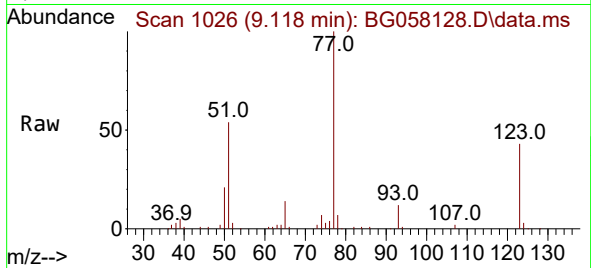




#22
Nitrobenzene
Concen: 19.395 ng/ul
RT: 9.118 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

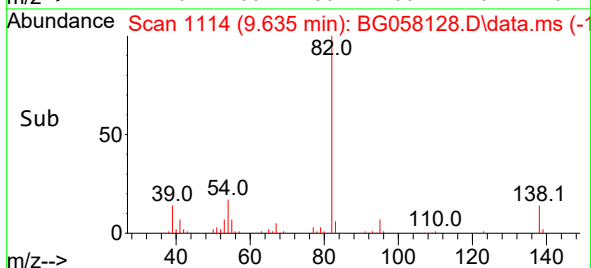
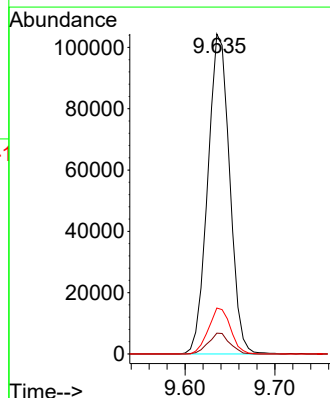
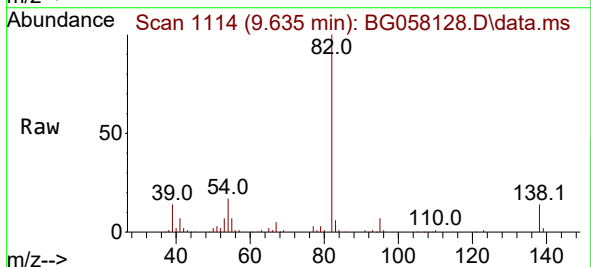
Instrument :
BNA_G
ClientSampleId :
SSTD020504

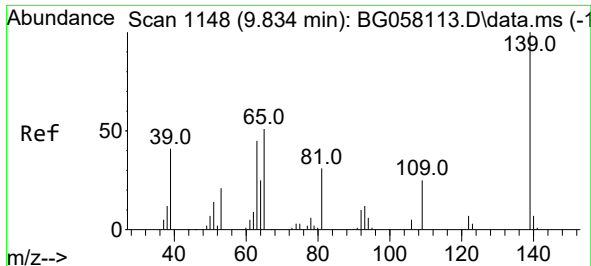
Tgt Ion: 77 Resp: 84256
Ion Ratio Lower Upper
77 100
123 43.1 33.3 49.9
65 14.1 10.4 15.6



#23
Isophorone
Concen: 19.057 ng/ul
RT: 9.635 min Scan# 1114
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion: 82 Resp: 176649
Ion Ratio Lower Upper
82 100
95 6.5 4.8 7.2
138 14.4 11.4 17.0

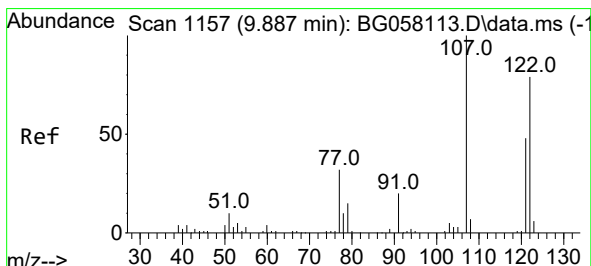
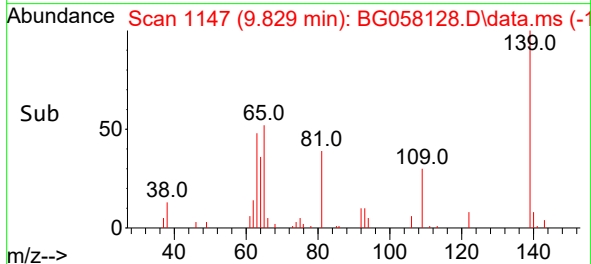
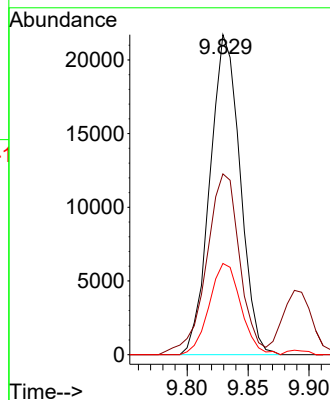
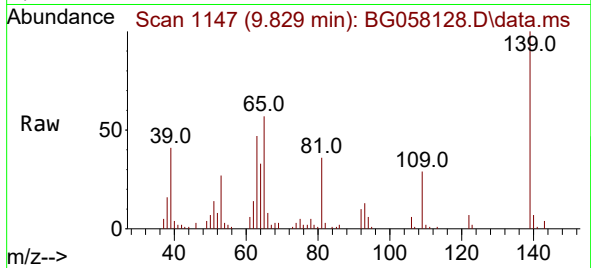




#25
2-Nitrophenol
Concen: 19.837 ng/ul
RT: 9.829 min Scan# 1147
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

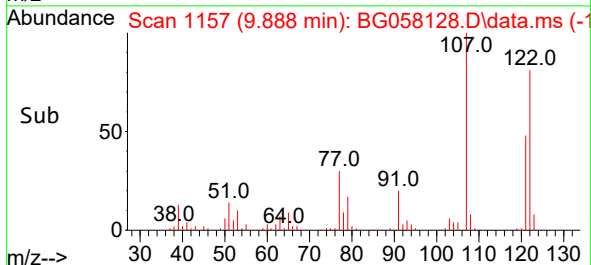
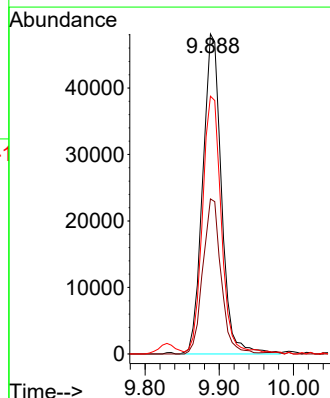
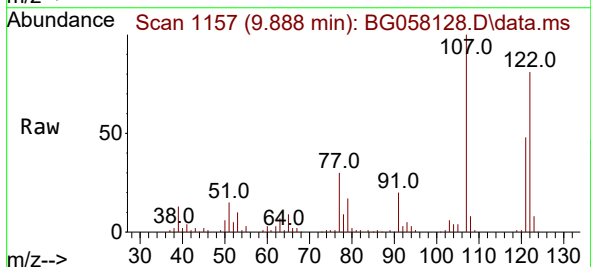
Instrument :
BNA_G
ClientSampleId :
SSTD020504

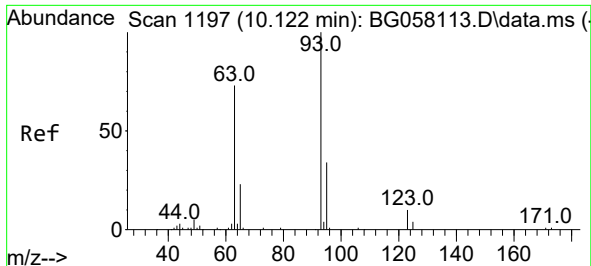
Tgt Ion:139 Resp: 37436
Ion Ratio Lower Upper
139 100
65 56.5 42.6 64.0
109 28.5 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 19.967 ng/ul
RT: 9.888 min Scan# 1157
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:107 Resp: 84734
Ion Ratio Lower Upper
107 100
121 48.4 40.6 60.8
122 80.6 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 18.750 ng/ul

RT: 10.123 min Scan# 1197

Delta R.T. -0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

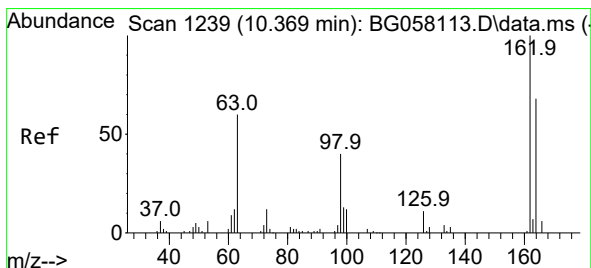
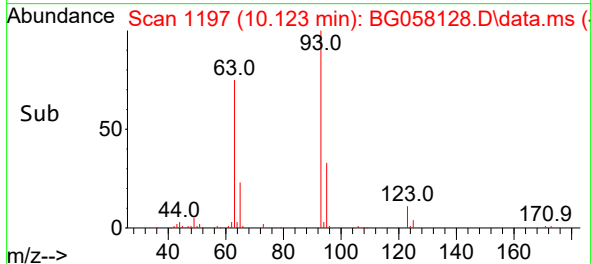
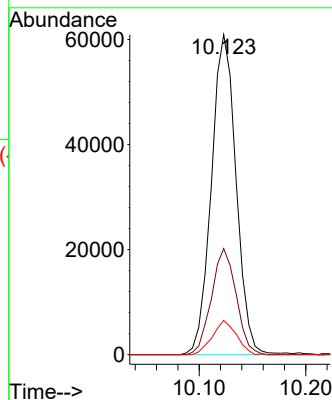
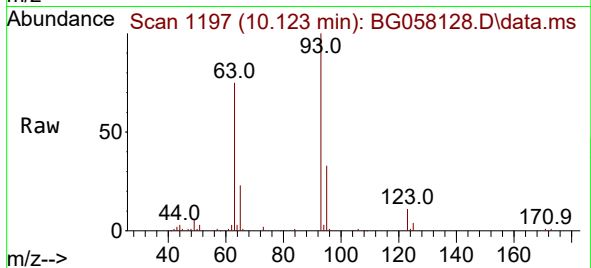
Tgt Ion: 93 Resp: 97942

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 10.7 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 20.073 ng/ul

RT: 10.370 min Scan# 1239

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

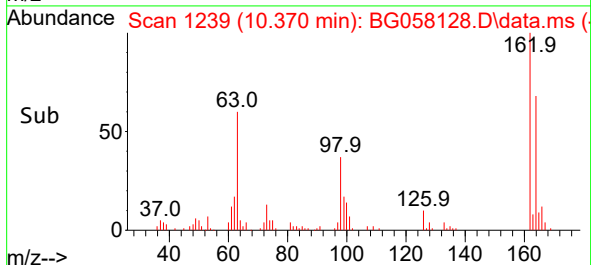
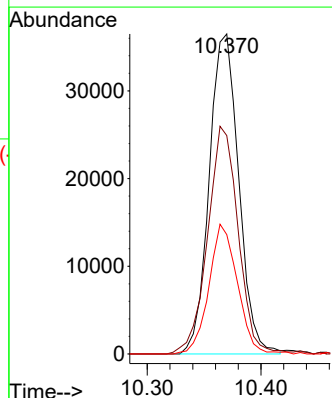
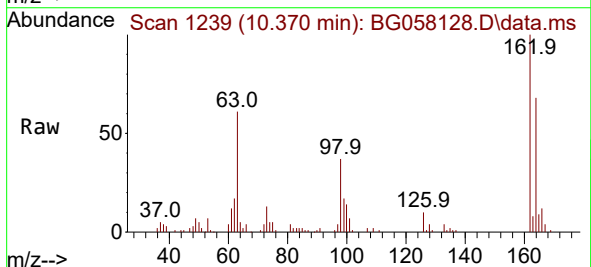
Tgt Ion:162 Resp: 65847

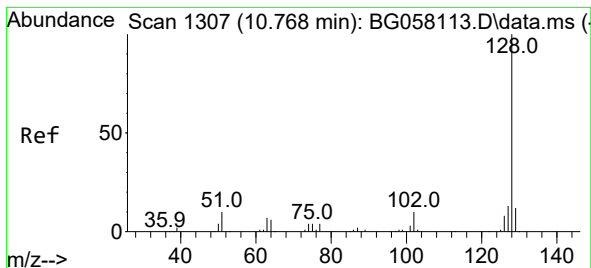
Ion Ratio Lower Upper

162 100

164 68.3 51.1 76.7

98 37.3 27.9 41.9

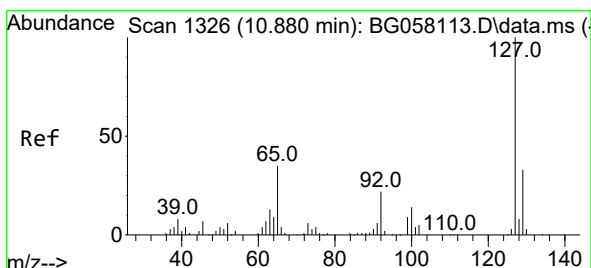
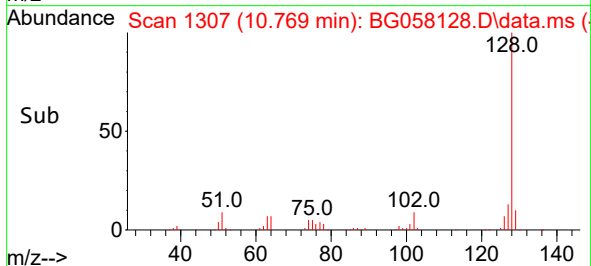
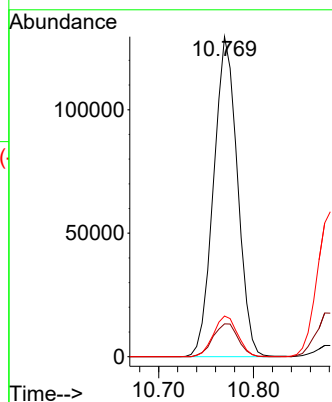
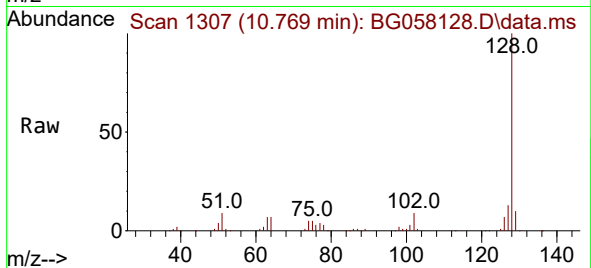




#30
Naphthalene
Concen: 19.582 ng/ul
RT: 10.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

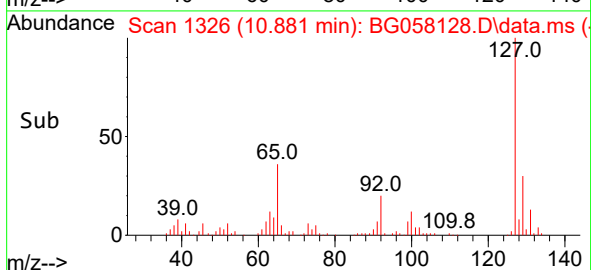
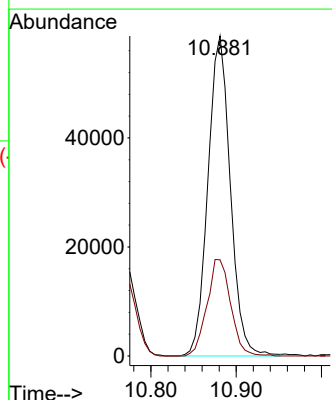
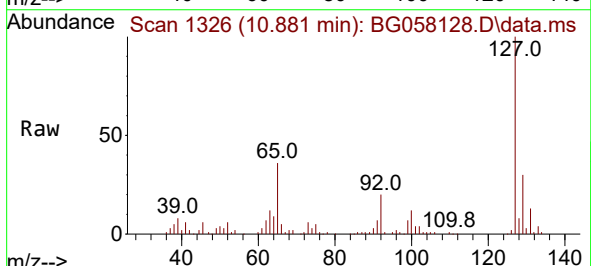
Instrument :
BNA_G
ClientSampleId :
SSTD020504

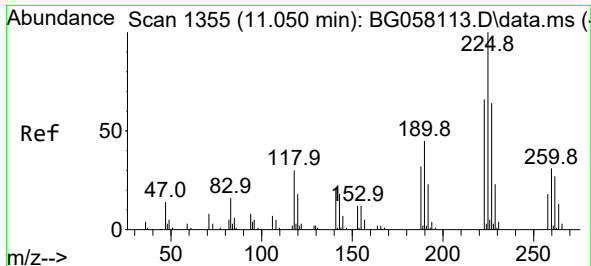
Tgt Ion:128 Resp: 225947
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 12.7 10.2 15.2



#32
4-Chloroaniline
Concen: 20.528 ng/ul
RT: 10.881 min Scan# 1326
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:127 Resp: 107371
Ion Ratio Lower Upper
127 100
129 30.0 26.0 39.0

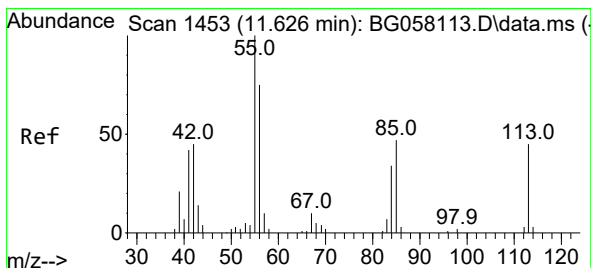
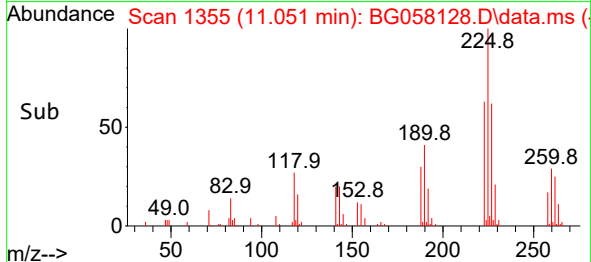
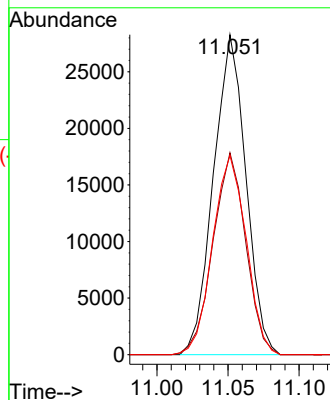
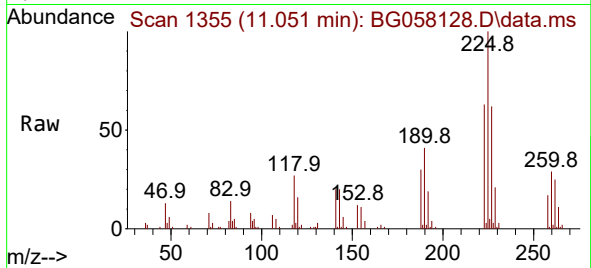




#33
Hexachlorobutadiene
Concen: 19.308 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

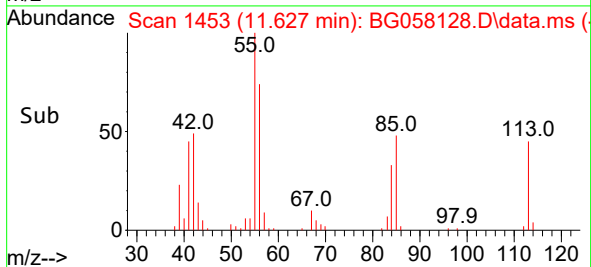
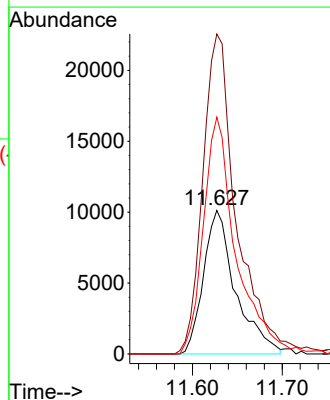
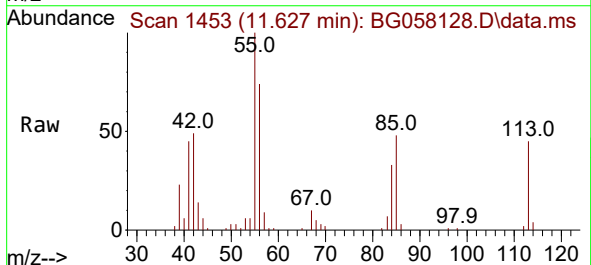
Instrument :
BNA_G
ClientSampleId :
SSTD020504

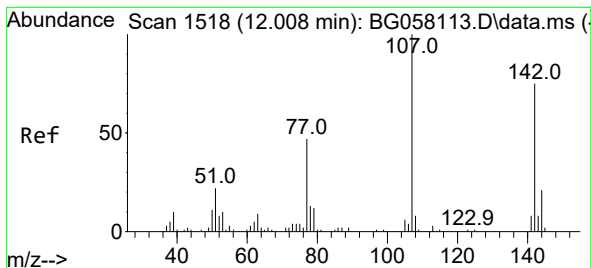
Tgt Ion:225 Resp: 44839
Ion Ratio Lower Upper
225 100
223 63.1 53.2 79.8
227 65.2 51.4 77.2



#34
Caprolactam
Concen: 19.068 ng/ul
RT: 11.627 min Scan# 1453
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:113 Resp: 25148
Ion Ratio Lower Upper
113 100
55 222.9 183.4 275.2
56 165.0 123.0 184.6

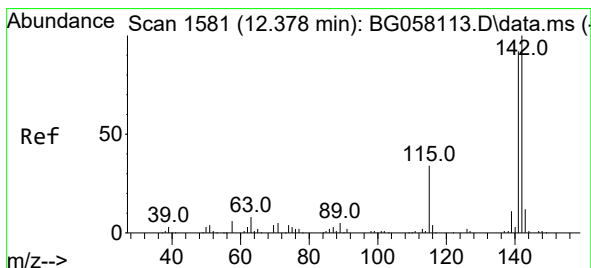
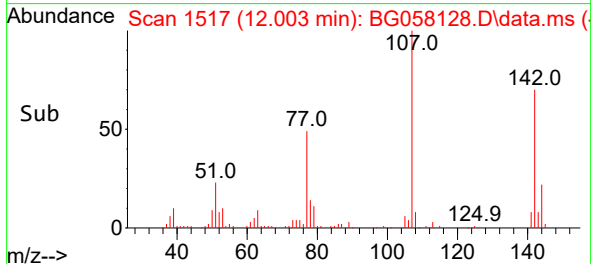
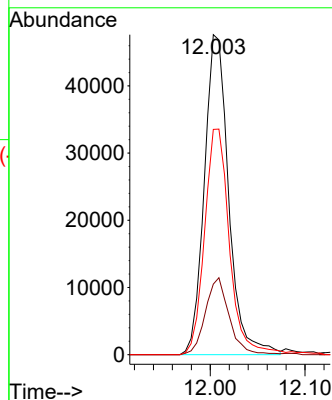
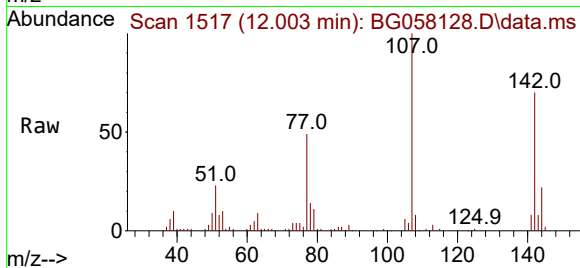




#35
4-Chloro-3-methylphenol
Concen: 21.083 ng/ul
RT: 12.003 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

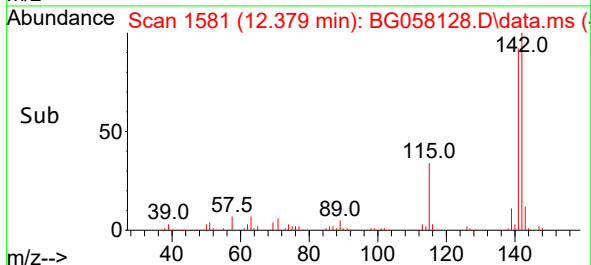
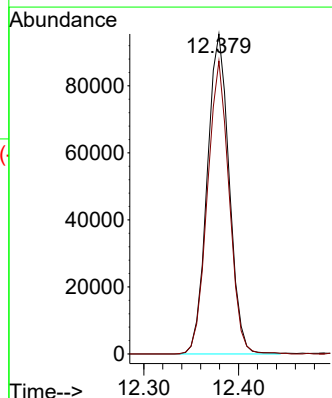
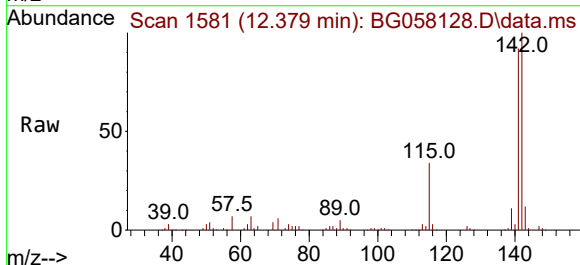
Instrument :
BNA_G
ClientSampleId :
SSTD020504

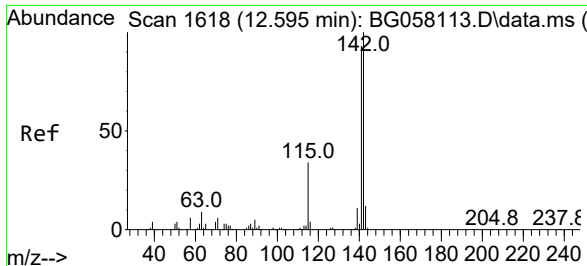
Tgt Ion:107 Resp: 84954
Ion Ratio Lower Upper
107 100
144 22.0 19.0 28.4
142 70.4 58.4 87.6



#36
2-Methylnaphthalene
Concen: 19.765 ng/ul
RT: 12.379 min Scan# 1581
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:142 Resp: 153733
Ion Ratio Lower Upper
142 100
141 91.6 69.4 104.2





#37

1-Methylnaphthalene

Concen: 19.744 ng/ul

RT: 12.597 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

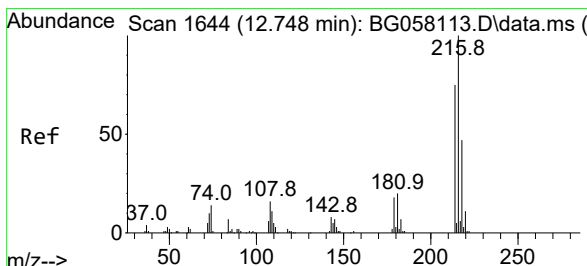
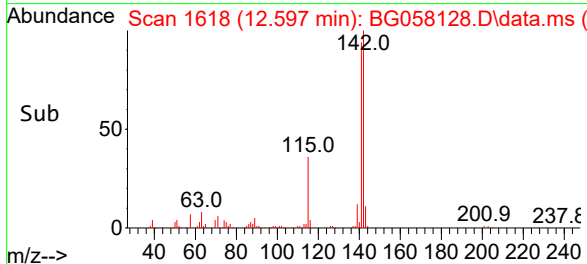
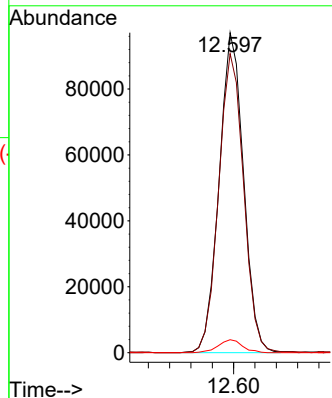
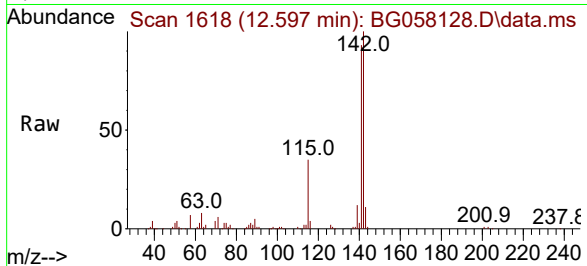
Tgt Ion:142 Resp: 153996

Ion Ratio Lower Upper

142 100

141 93.5 73.8 110.8

116 4.1 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.926 ng/ul

RT: 12.744 min Scan# 1643

Delta R.T. -0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Tgt Ion:216 Resp: 89394

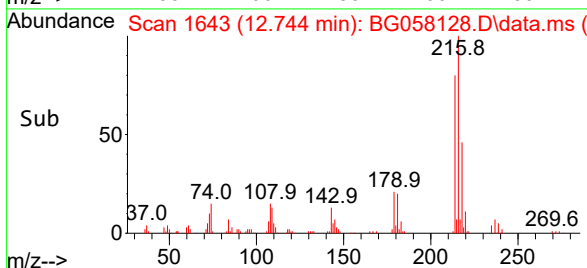
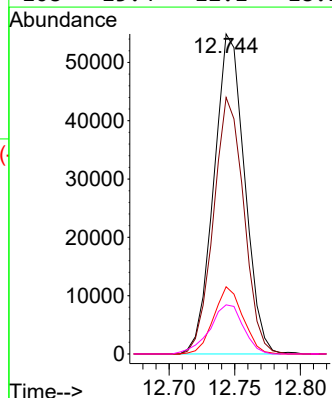
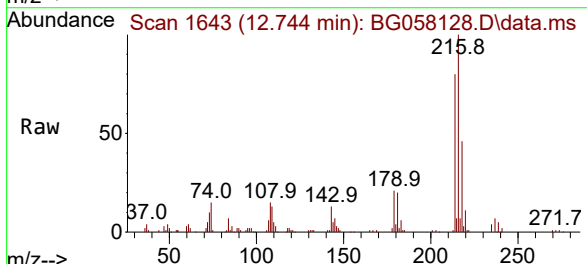
Ion Ratio Lower Upper

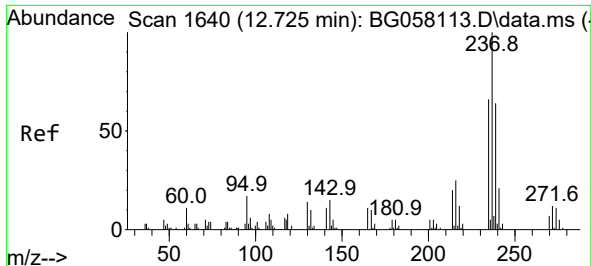
216 100

214 80.2 64.1 96.1

179 21.0 16.0 24.0

108 15.4 12.1 18.1

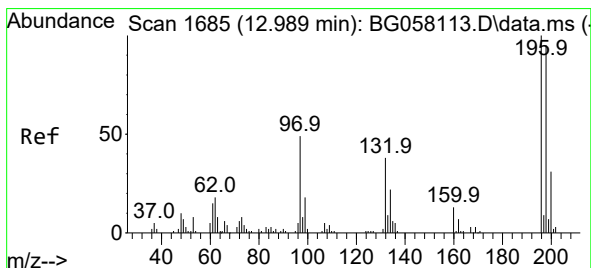
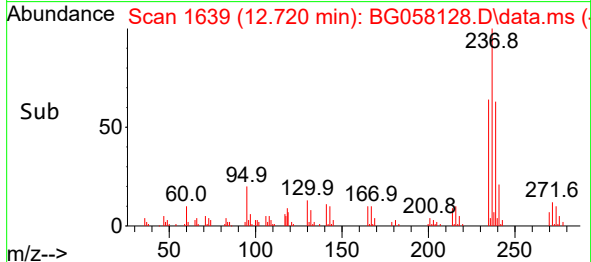
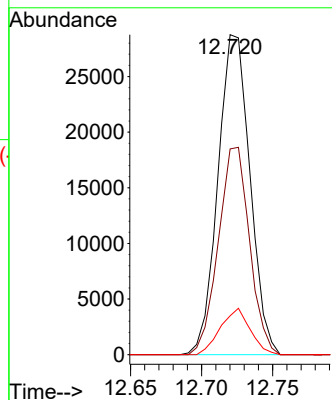
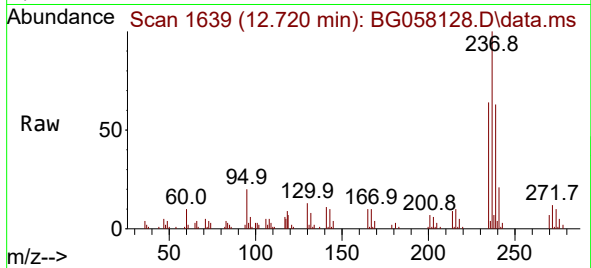




#40
 Hexachlorocyclopentadiene
 Concen: 15.971 ng/ul
 RT: 12.720 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: BG058128.D
 Acq: 9 Jul 2023 16:05

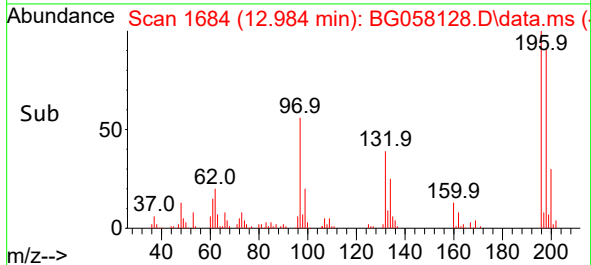
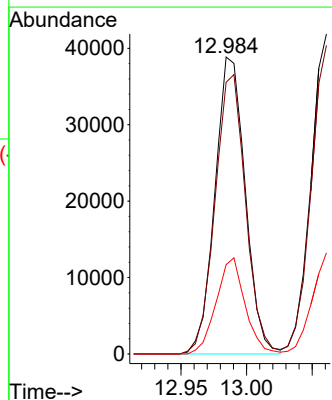
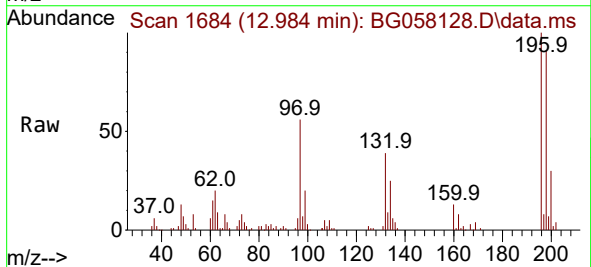
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020504

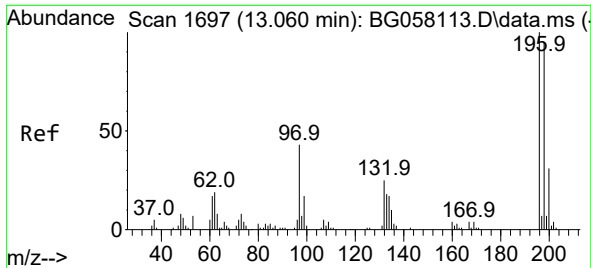
Tgt Ion:237 Resp: 45130
 Ion Ratio Lower Upper
 237 100
 235 64.3 49.2 73.8
 272 12.2 10.4 15.6



#41
 2,4,6-Trichlorophenol
 Concen: 20.509 ng/ul
 RT: 12.984 min Scan# 1684
 Delta R.T. -0.003 min
 Lab File: BG058128.D
 Acq: 9 Jul 2023 16:05

Tgt Ion:196 Resp: 62358
 Ion Ratio Lower Upper
 196 100
 198 91.5 73.5 110.3
 200 30.1 24.8 37.2

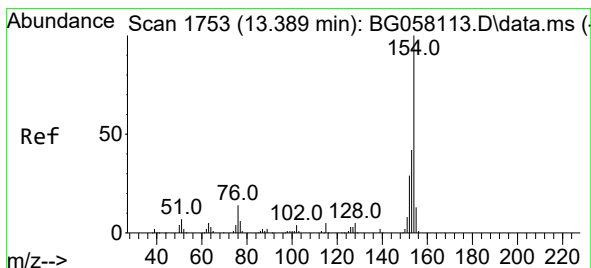
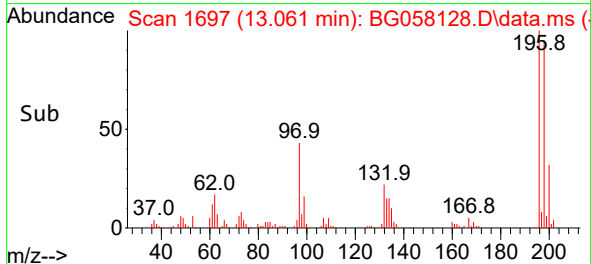
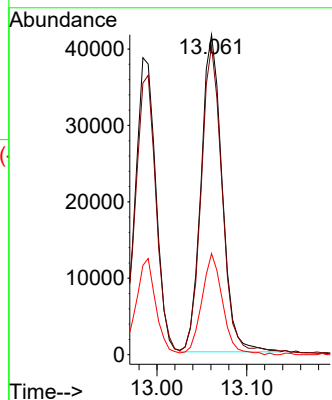
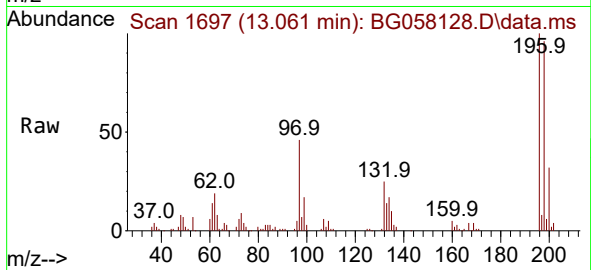




#42
2,4,5-Trichlorophenol
Concen: 20.523 ng/ul
RT: 13.061 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

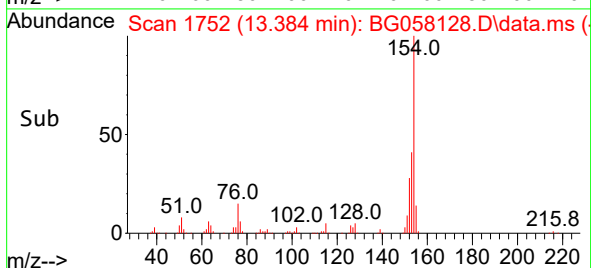
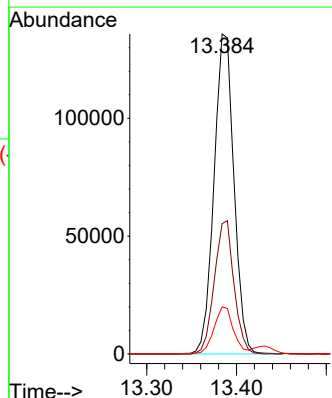
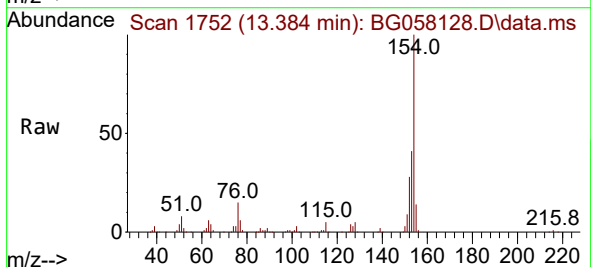
Instrument :
BNA_G
ClientSampleId :
SSTD020504

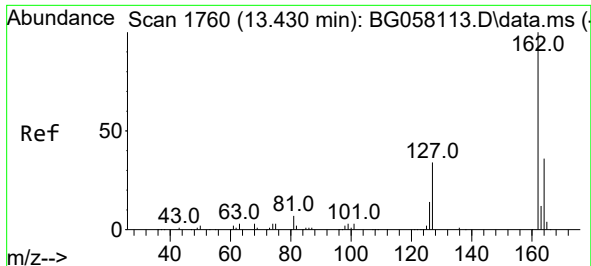
Tgt Ion:196 Resp: 67488
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
200 31.6 23.8 35.6



#43
1,1'-Biphenyl
Concen: 19.751 ng/ul
RT: 13.384 min Scan# 1752
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:154 Resp: 209529
Ion Ratio Lower Upper
154 100
153 40.8 32.6 49.0
76 14.7 11.6 17.4

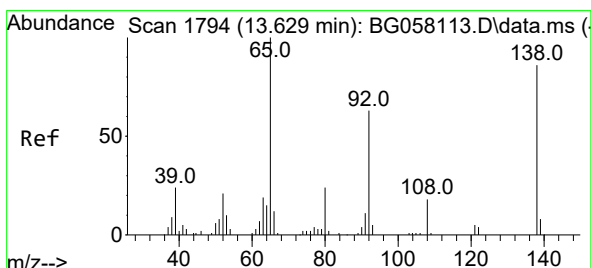
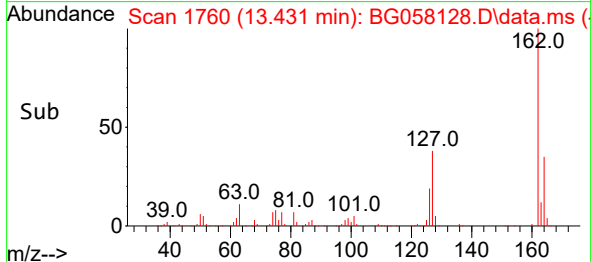
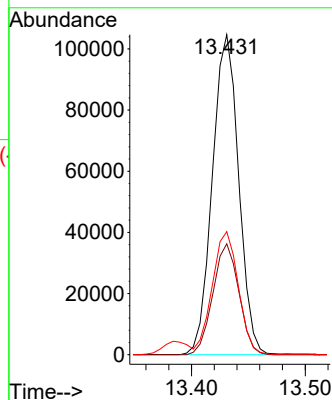
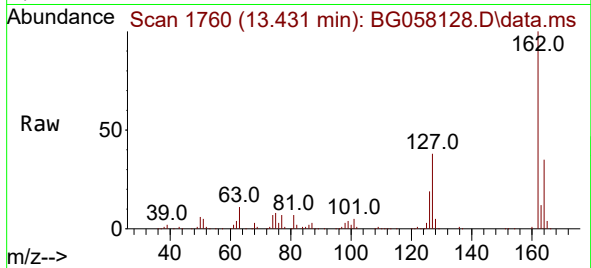




#44
2-Chloronaphthalene
Concen: 19.720 ng/ul
RT: 13.431 min Scan# 1760
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

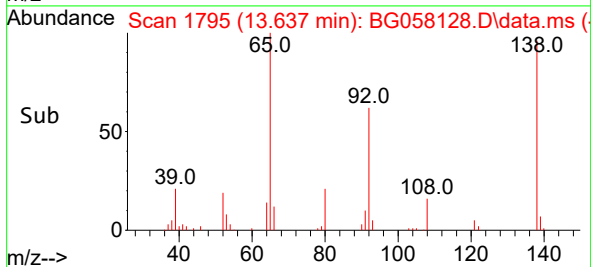
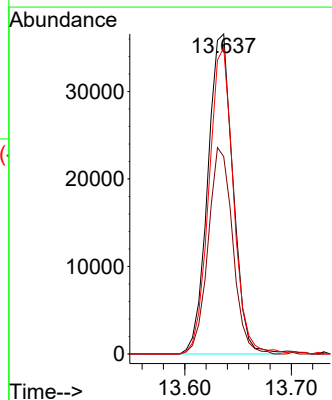
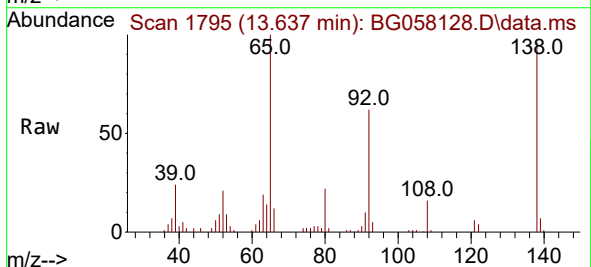
Instrument :
BNA_G
ClientSampleId :
SSTD020504

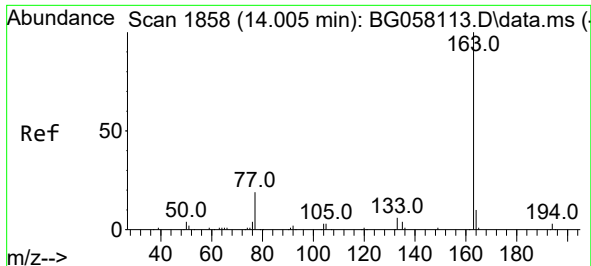
Tgt Ion:162 Resp: 167903
Ion Ratio Lower Upper
162 100
164 34.6 27.7 41.5
127 38.4 30.9 46.3



#45
2-Nitroaniline
Concen: 20.334 ng/ul
RT: 13.637 min Scan# 1795
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion: 65 Resp: 60194
Ion Ratio Lower Upper
65 100
92 61.7 53.2 79.8
138 95.8 71.1 106.7

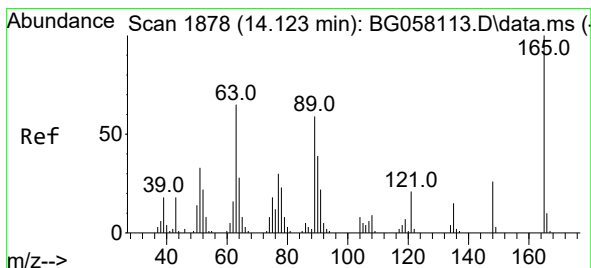
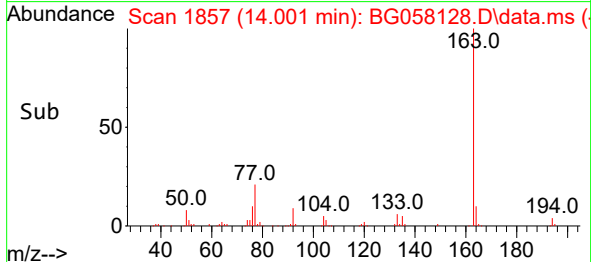
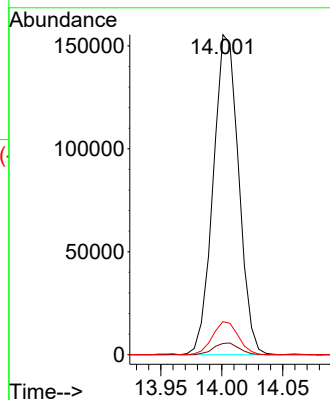
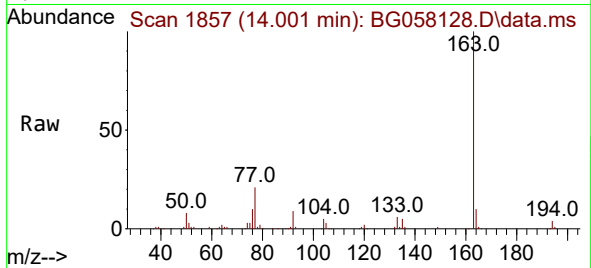




#47
Dimethylphthalate
Concen: 19.371 ng/ul
RT: 14.001 min Scan# 1857
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

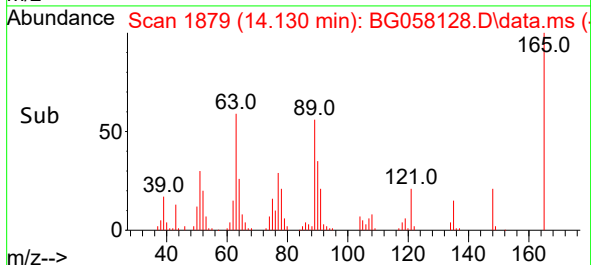
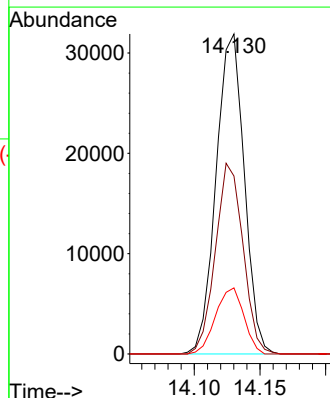
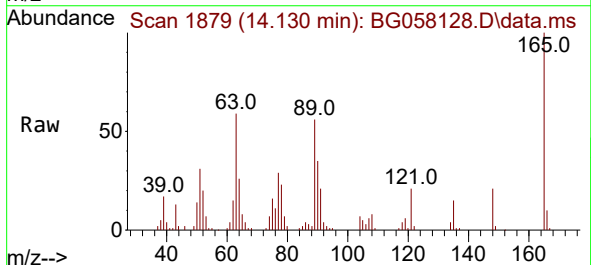
Instrument :
BNA_G
ClientSampleId :
SSTD020504

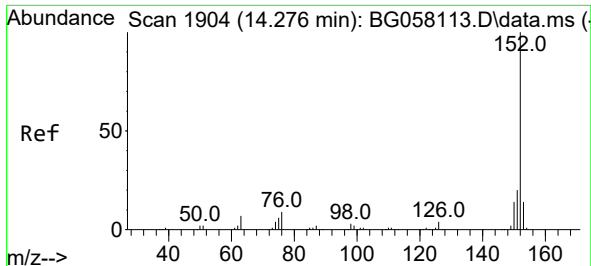
Tgt Ion:163 Resp: 226048
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 19.880 ng/ul
RT: 14.130 min Scan# 1879
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:165 Resp: 47618
Ion Ratio Lower Upper
165 100
89 55.6 42.7 64.1
121 20.6 14.8 22.2

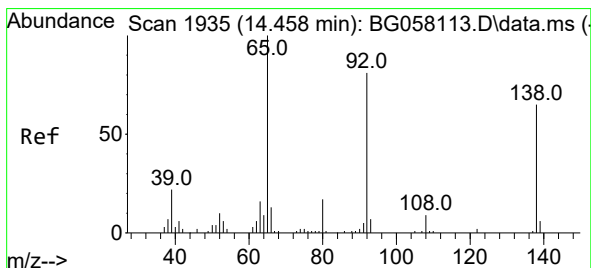
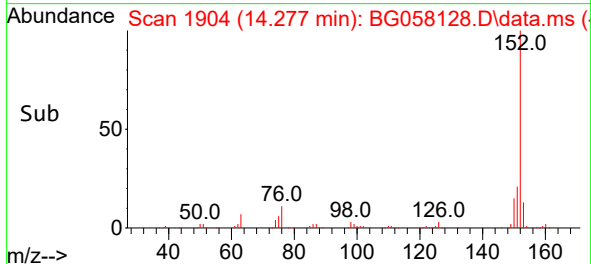
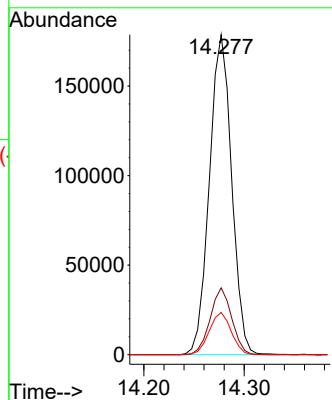
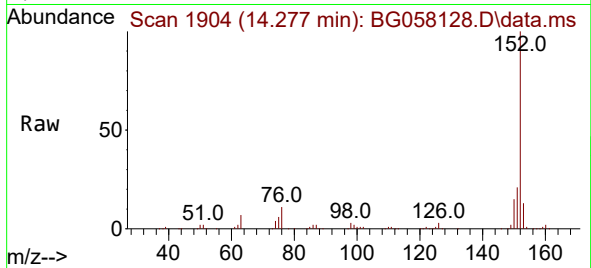




#50
Acenaphthylene
Concen: 20.135 ng/ul
RT: 14.277 min Scan# 1904
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

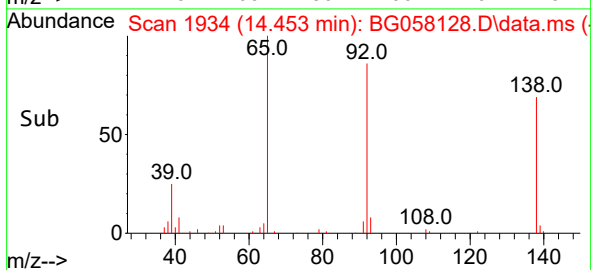
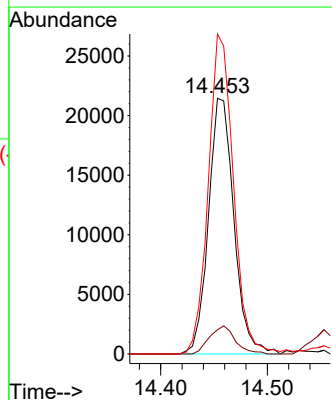
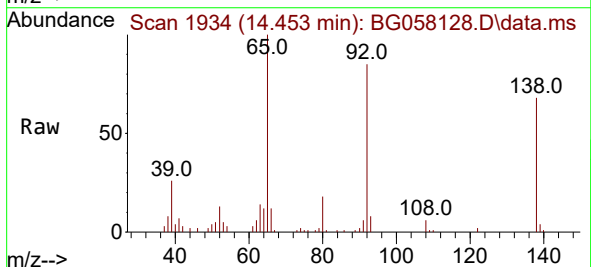
Instrument :
BNA_G
ClientSampleId :
SSTD020504

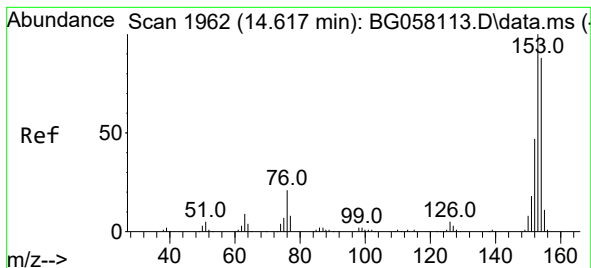
Tgt Ion:152 Resp: 275598
Ion Ratio Lower Upper
152 100
151 20.9 15.6 23.4
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 17.594 ng/ul
RT: 14.453 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:138 Resp: 35615
Ion Ratio Lower Upper
138 100
108 9.5 8.2 12.2
92 125.2 100.2 150.4





#52

Acenaphthene

Concen: 20.066 ng/ul

RT: 14.618 min Scan# 1962

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

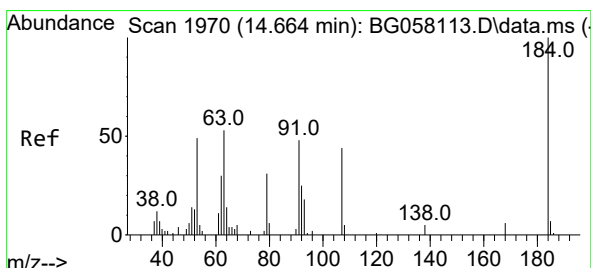
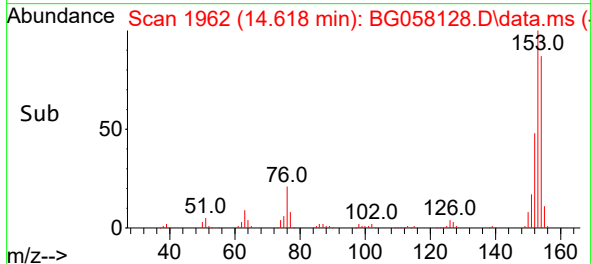
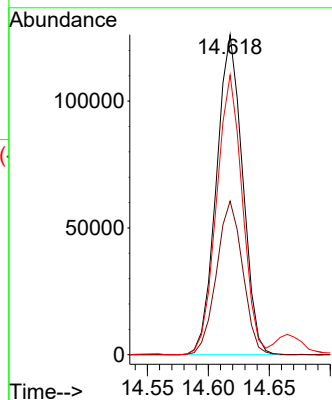
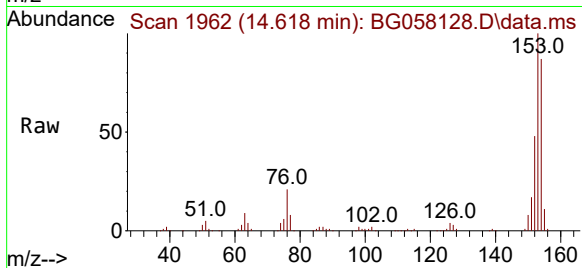
Tgt Ion:153 Resp: 188465

Ion Ratio Lower Upper

153 100

152 48.0 36.5 54.7

154 87.4 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 18.416 ng/ul

RT: 14.665 min Scan# 1970

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

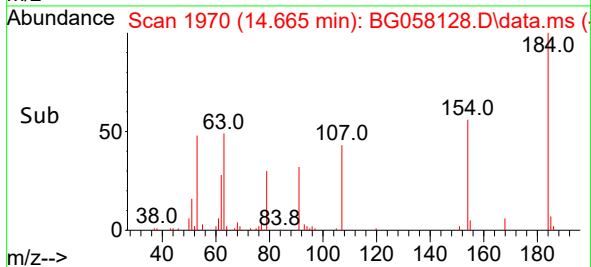
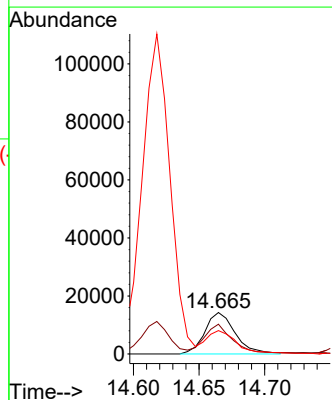
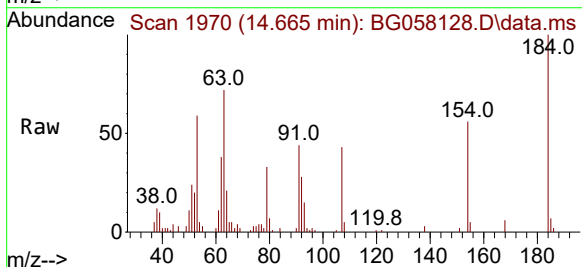
Tgt Ion:184 Resp: 22997

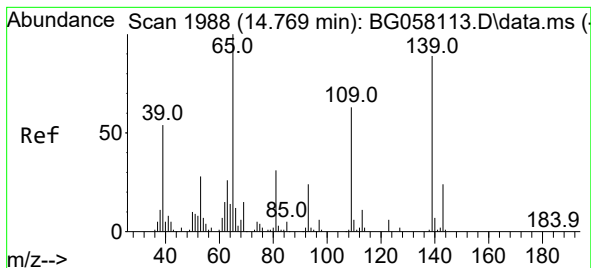
Ion Ratio Lower Upper

184 100

63 71.8 51.1 76.7

154 56.3 43.3 64.9

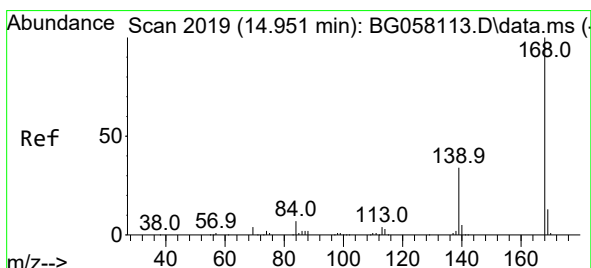
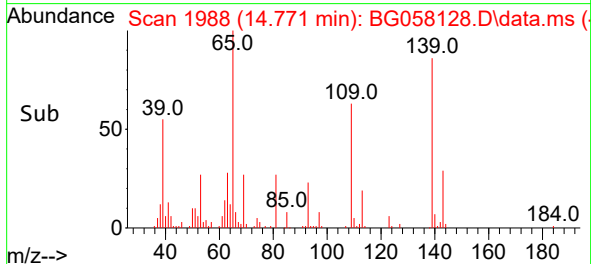
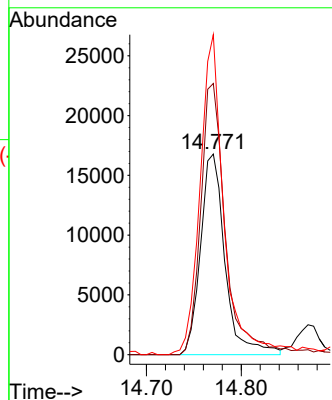
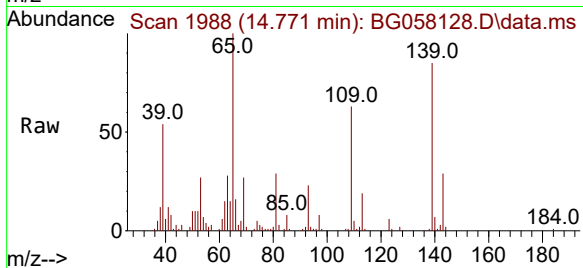




#55
4-Nitrophenol
Concen: 19.818 ng/ul
RT: 14.771 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

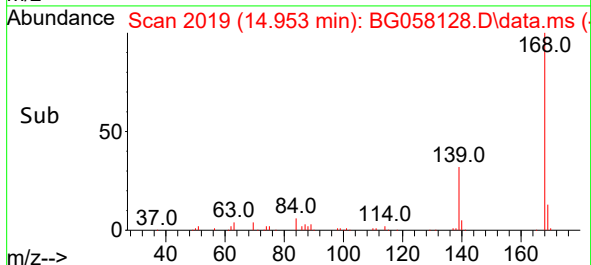
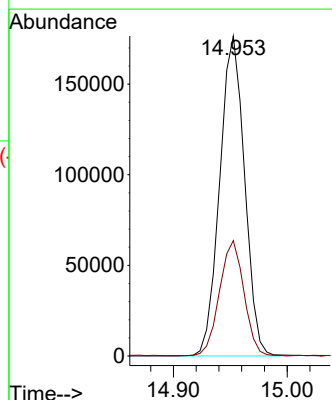
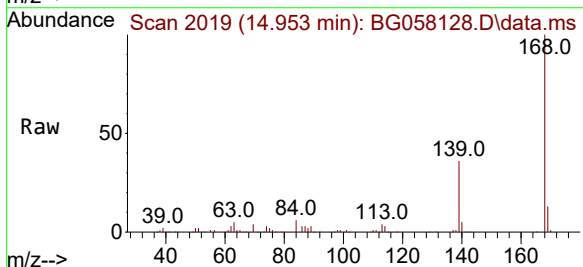
Instrument :
BNA_G
ClientSampleId :
SSTD020504

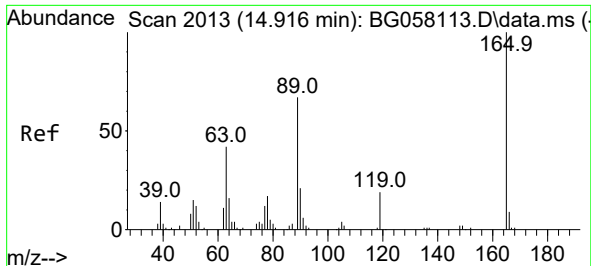
Tgt Ion:109 Resp: 30127
Ion Ratio Lower Upper
109 100
139 135.2 119.0 178.4
65 159.5 135.5 203.3



#56
Dibenzofuran
Concen: 20.057 ng/ul
RT: 14.953 min Scan# 2019
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:168 Resp: 267787
Ion Ratio Lower Upper
168 100
139 36.1 27.6 41.4

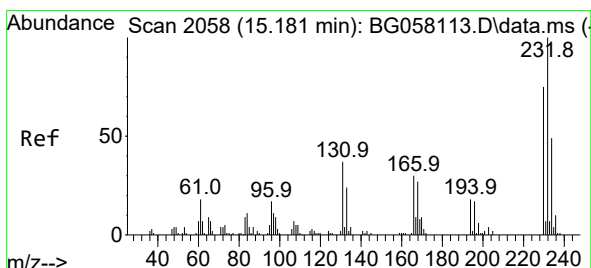
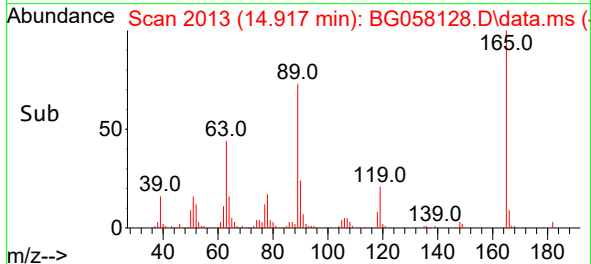
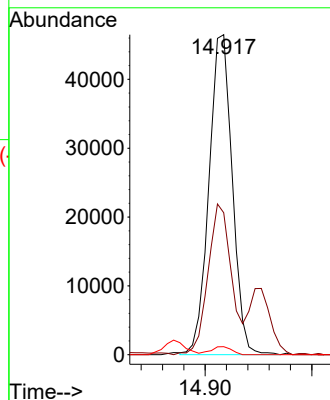
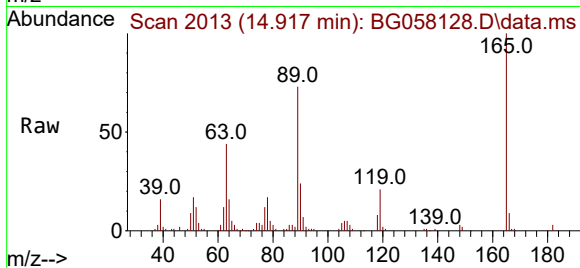




#57
2,4-Dinitrotoluene
Concen: 20.835 ng/ul
RT: 14.917 min Scan# 2013
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

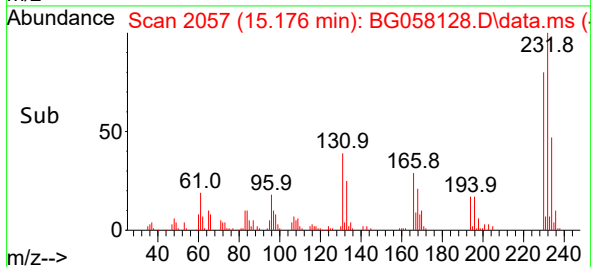
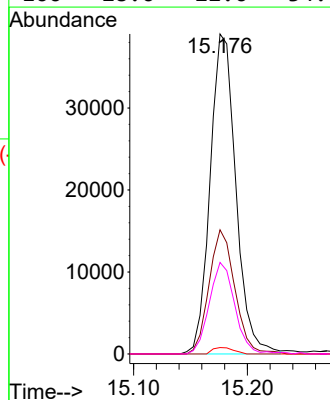
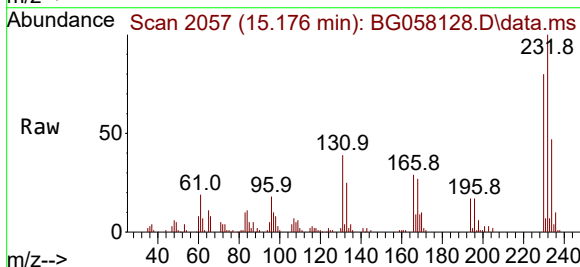
Instrument :
BNA_G
ClientSampleId :
SSTD020504

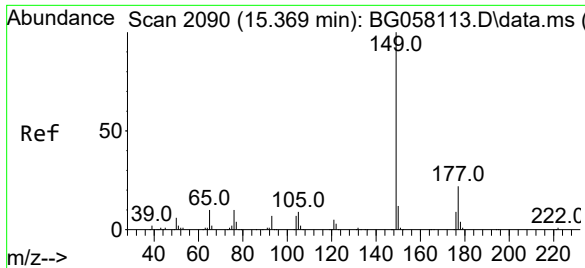
Tgt Ion:165 Resp: 70710
Ion Ratio Lower Upper
165 100
63 44.4 35.8 53.8
182 2.5 1.6 2.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.504 ng/ul
RT: 15.176 min Scan# 2057
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:232 Resp: 61378
Ion Ratio Lower Upper
232 100
131 38.8 30.5 45.7
130 2.0 1.4 2.0
166 28.6 22.6 34.0

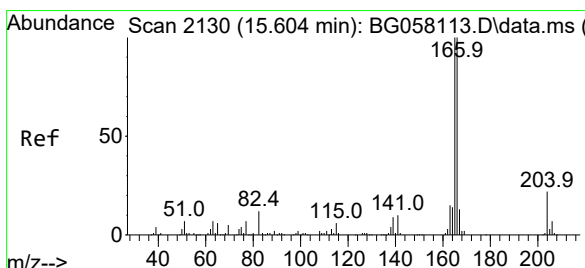
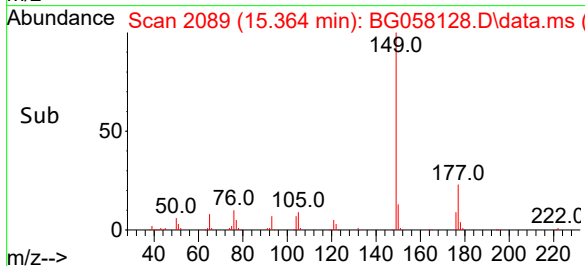
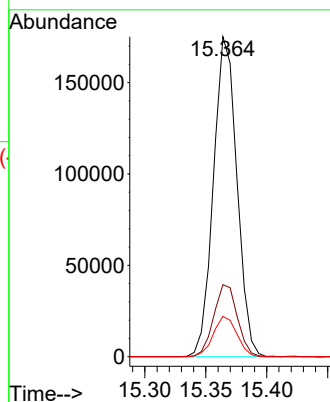
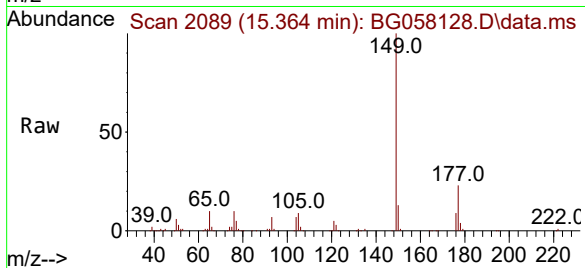




#59
Diethylphthalate
Concen: 19.253 ng/ul
RT: 15.364 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

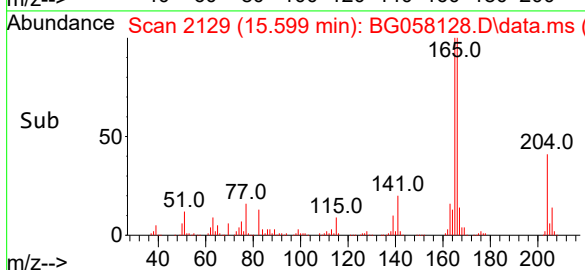
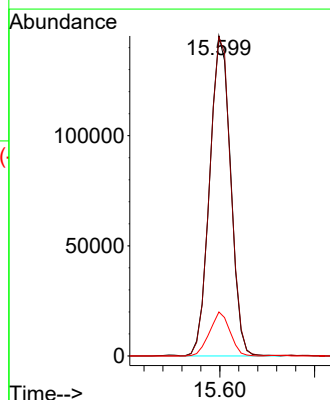
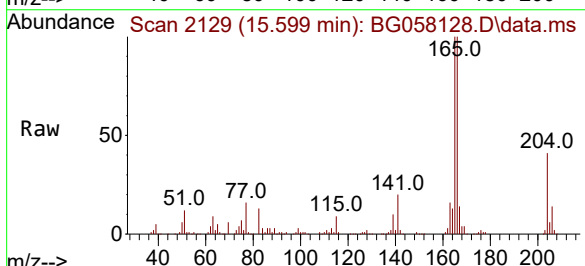
Instrument :
BNA_G
ClientSampleId :
SSTD020504

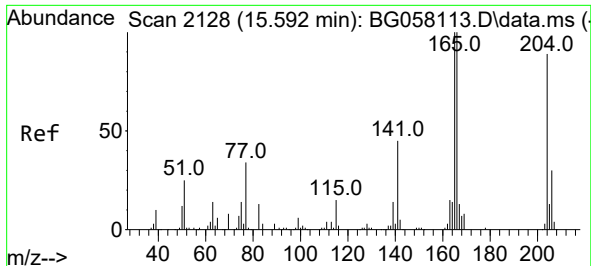
Tgt Ion:149 Resp: 234501
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.6 10.1 15.1



#61
Fluorene
Concen: 20.350 ng/ul
RT: 15.599 min Scan# 2129
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:166 Resp: 222929
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.7 10.7 16.1

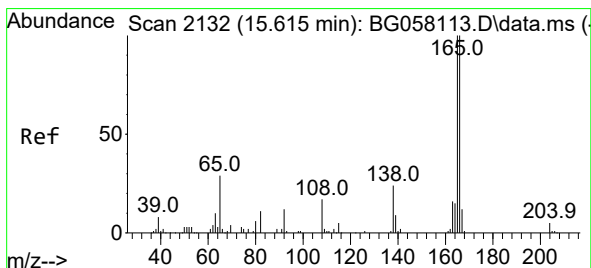
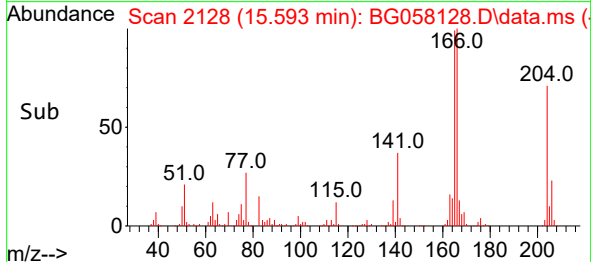
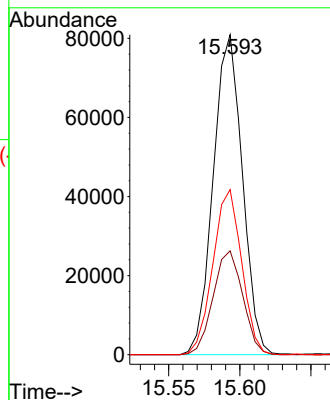
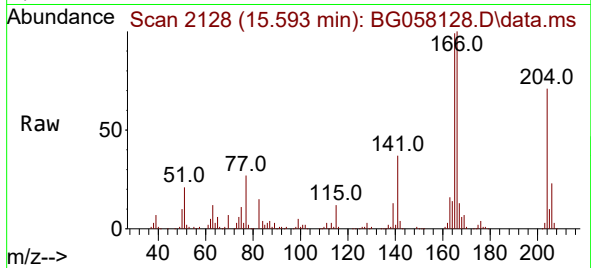




#62
4-Chlorophenyl-phenylether
Concen: 19.905 ng/ul
RT: 15.593 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

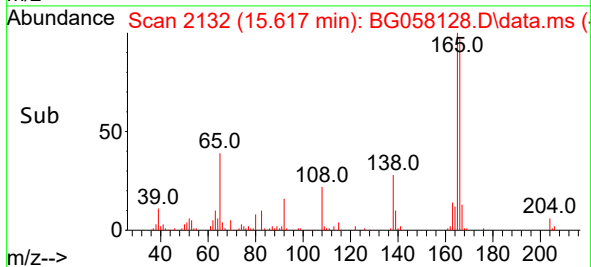
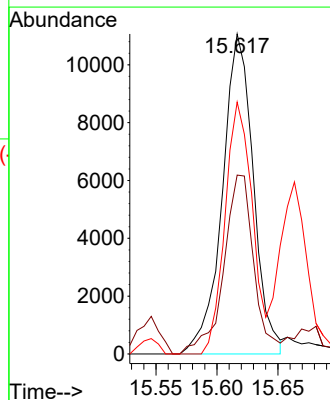
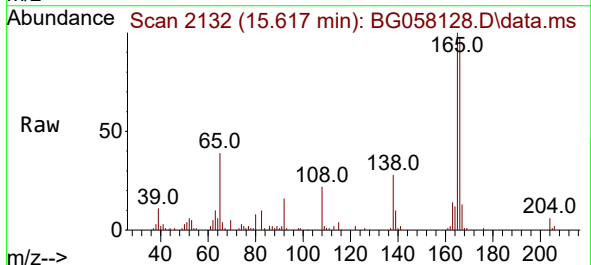
Instrument :
BNA_G
ClientSampleId :
SSTD020504

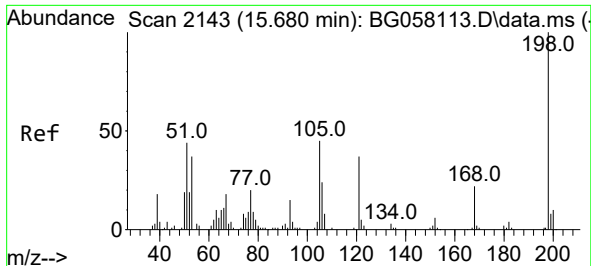
Tgt Ion:204 Resp: 115377
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 51.6 41.8 62.6



#63
4-Nitroaniline
Concen: 10.809 ng/ul
RT: 15.617 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:138 Resp: 19600
Ion Ratio Lower Upper
138 100
92 55.9 43.8 65.8
108 78.7 58.8 88.2

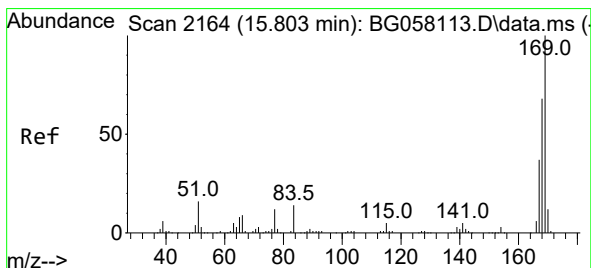
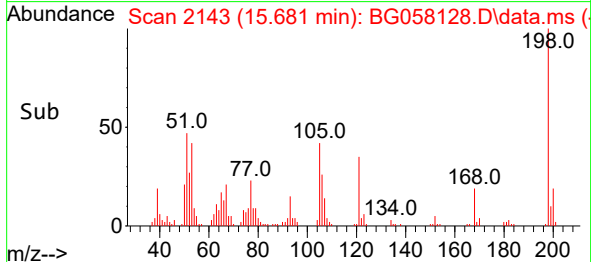
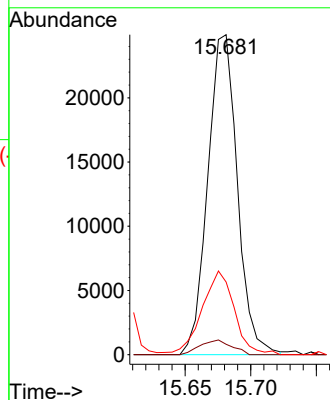
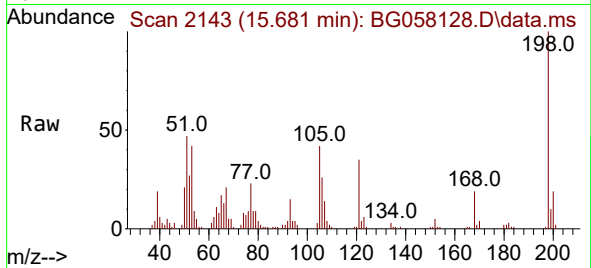




#66
4,6-Dinitro-2-methylphenol
Concen: 18.947 ng/ul
RT: 15.681 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

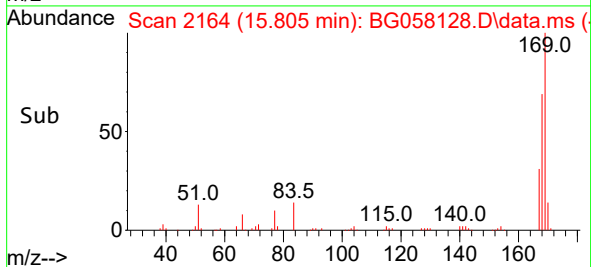
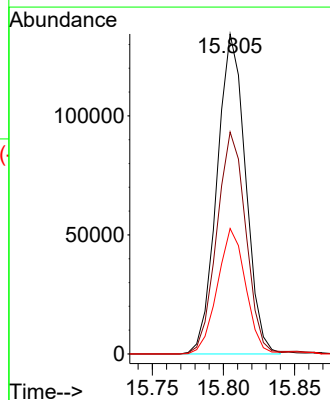
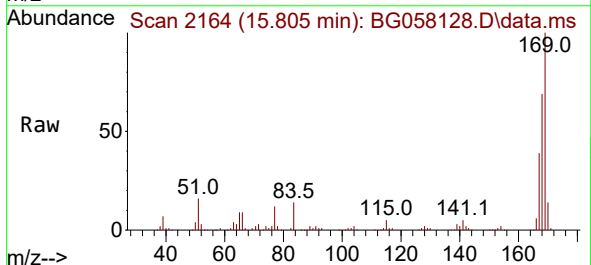
Instrument :
BNA_G
ClientSampleId :
SSTD020504

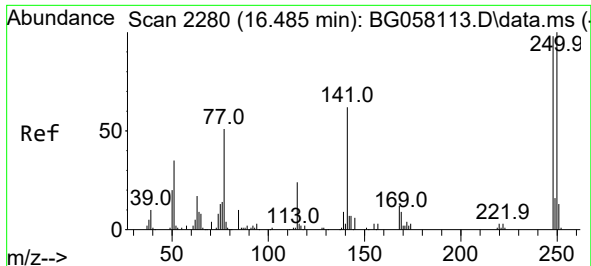
Tgt Ion:198 Resp: 39041
Ion Ratio Lower Upper
198 100
182 3.3 3.1 4.7
77 22.7 17.9 26.9



#67
N-Nitrosodiphenylamine
Concen: 19.006 ng/ul
RT: 15.805 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:169 Resp: 187695
Ion Ratio Lower Upper
169 100
168 69.3 54.2 81.2
167 39.2 30.8 46.2

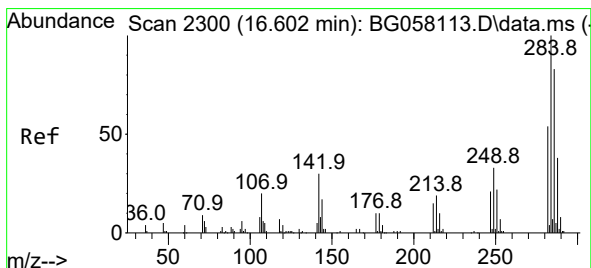
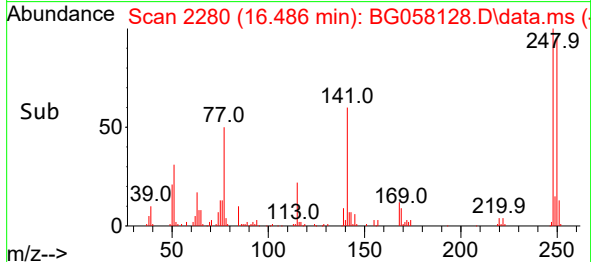
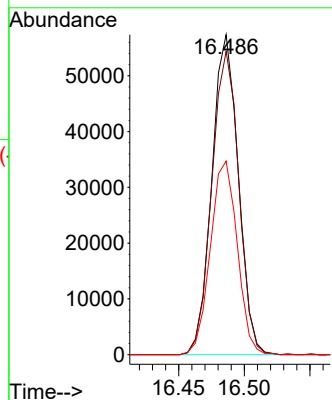
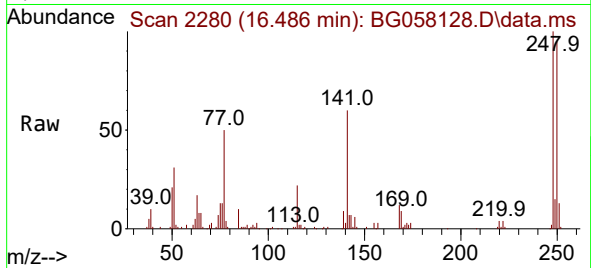




#68
4-Bromophenyl-phenylether
Concen: 19.748 ng/ul
RT: 16.486 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

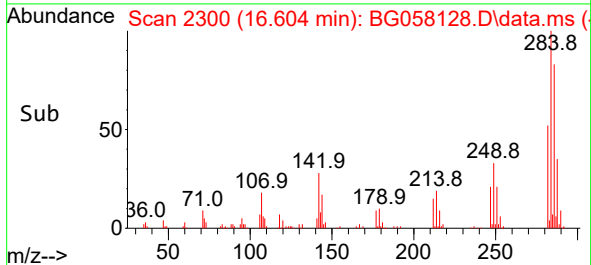
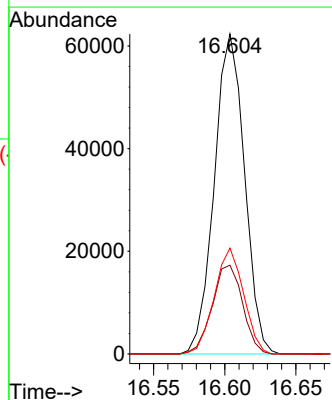
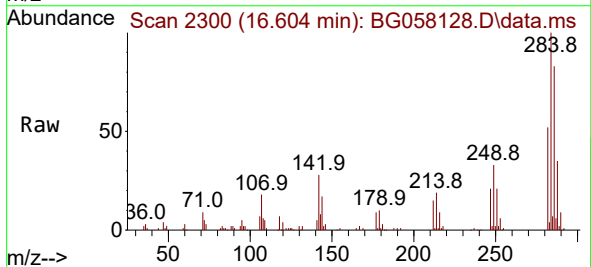
Instrument :
BNA_G
ClientSampleId :
SSTD020504

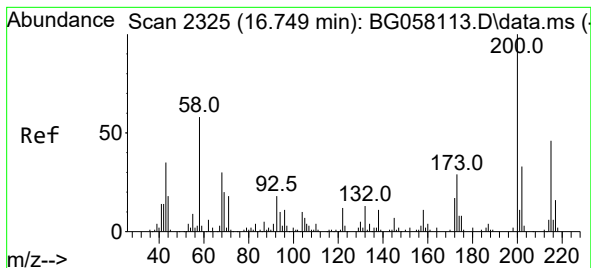
Tgt Ion:248 Resp: 80436
Ion Ratio Lower Upper
248 100
250 94.8 78.3 117.5
141 60.5 49.1 73.7



#69
Hexachlorobenzene
Concen: 20.192 ng/ul
RT: 16.604 min Scan# 2300
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:284 Resp: 92084
Ion Ratio Lower Upper
284 100
142 27.7 21.9 32.9
249 33.1 25.0 37.6





#70

Atrazine

Concen: 18.942 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

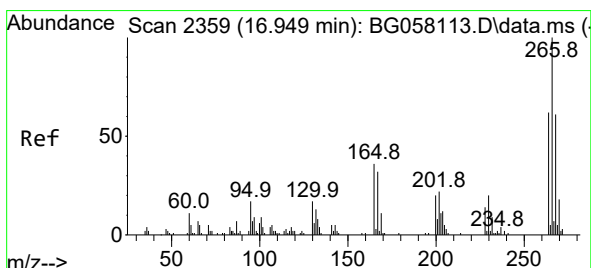
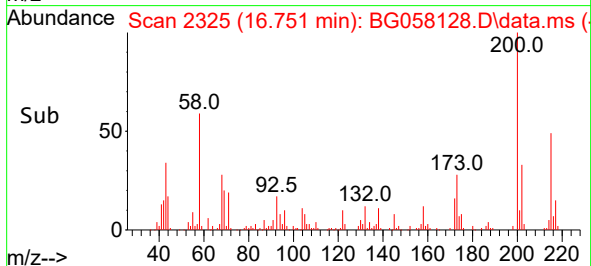
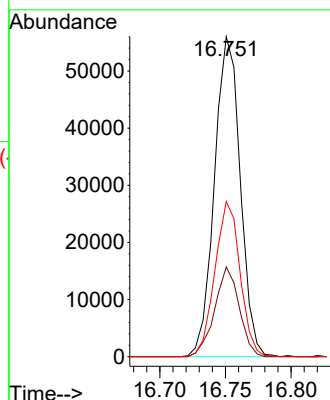
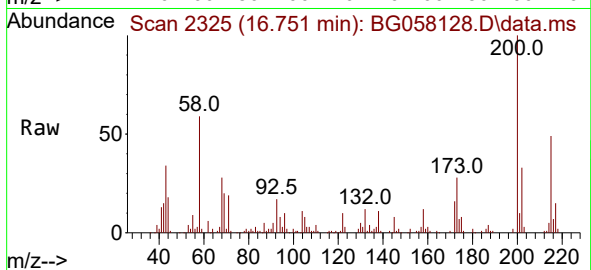
Tgt Ion:200 Resp: 76492

Ion Ratio Lower Upper

200 100

173 28.1 20.0 30.0

215 48.5 35.8 53.8



#71

Pentachlorophenol

Concen: 17.395 ng/ul

RT: 16.950 min Scan# 2359

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

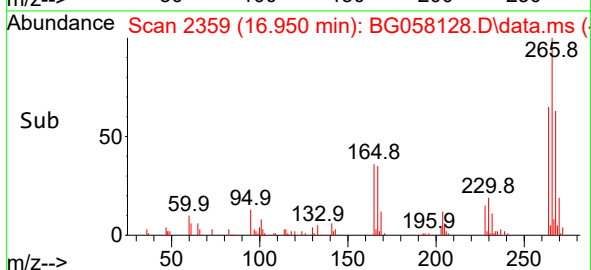
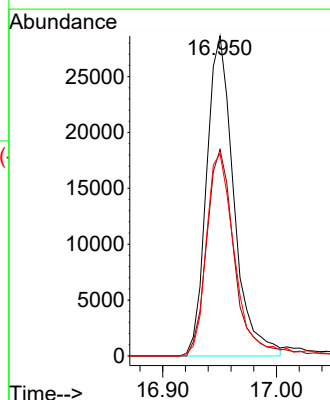
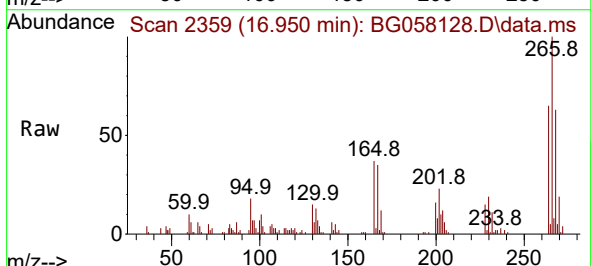
Tgt Ion:266 Resp: 47623

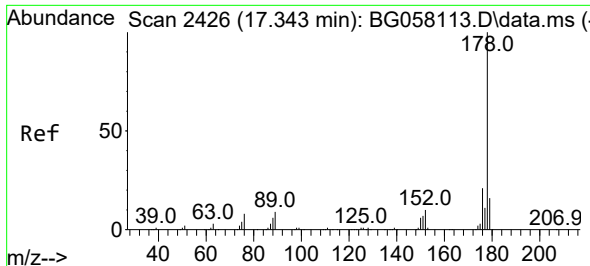
Ion Ratio Lower Upper

266 100

264 64.5 51.5 77.3

268 63.2 49.0 73.4

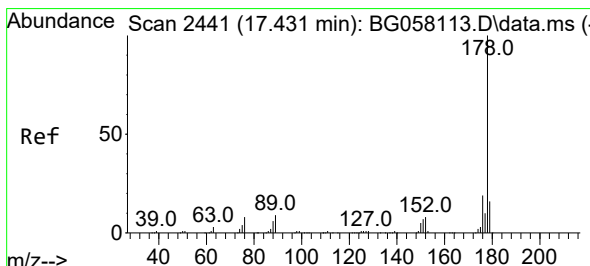
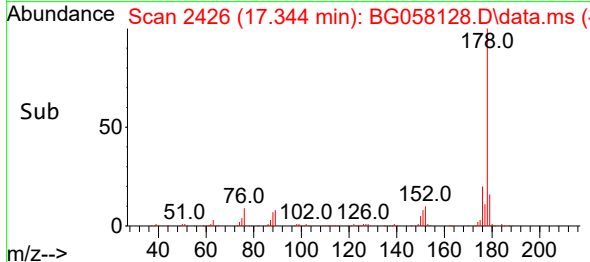
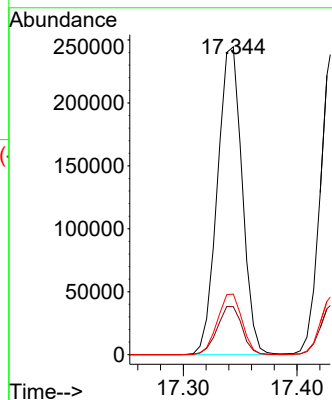
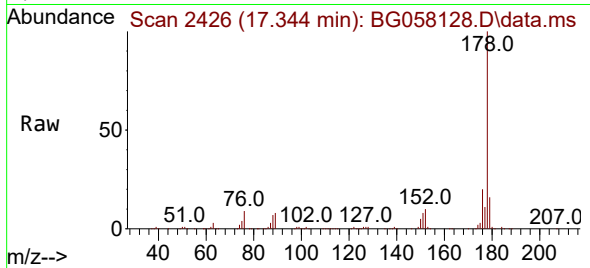




#72
Phenanthrene
Concen: 19.617 ng/ul
RT: 17.344 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

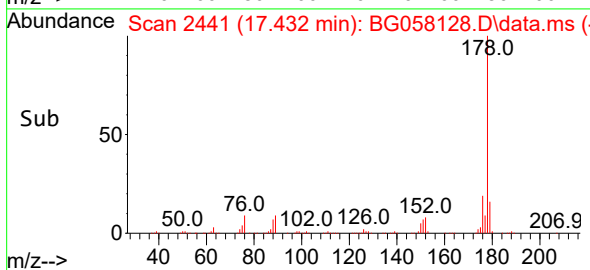
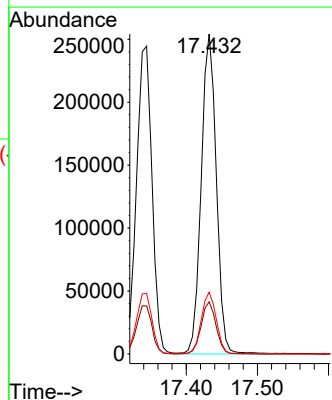
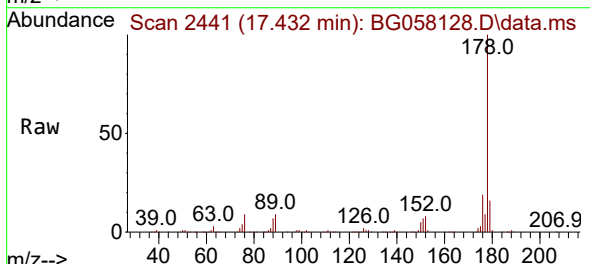
Instrument :
BNA_G
ClientSampleId :
SSTD020504

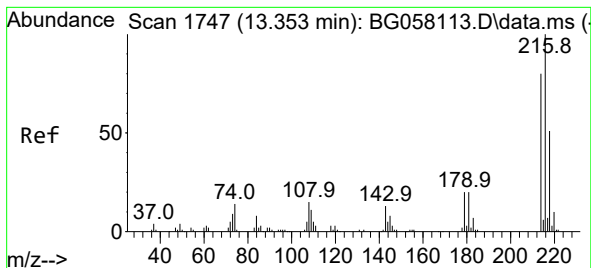
Tgt Ion:178 Resp: 370280
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 15.7 23.5



#74
Anthracene
Concen: 19.680 ng/ul
RT: 17.432 min Scan# 2441
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:178 Resp: 375911
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.3 15.4 23.2

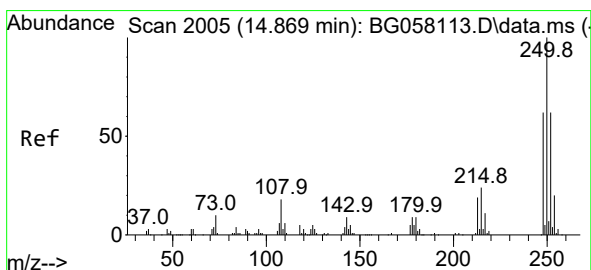
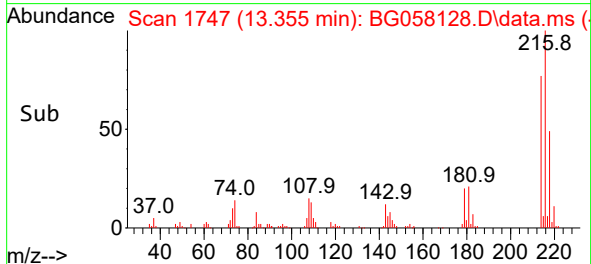
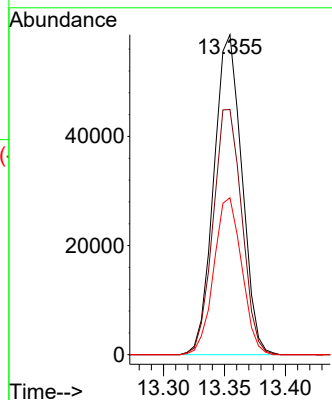
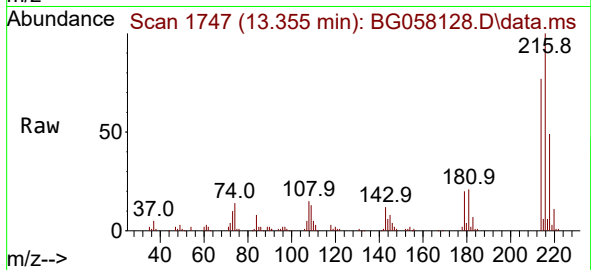




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.124 ng/uL
RT: 13.355 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

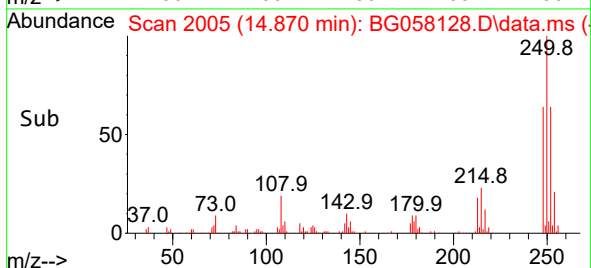
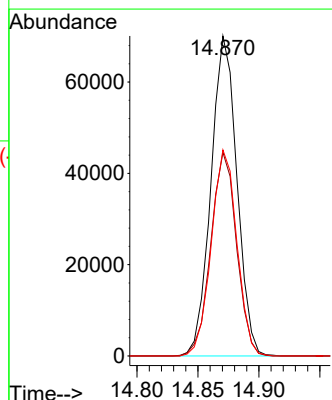
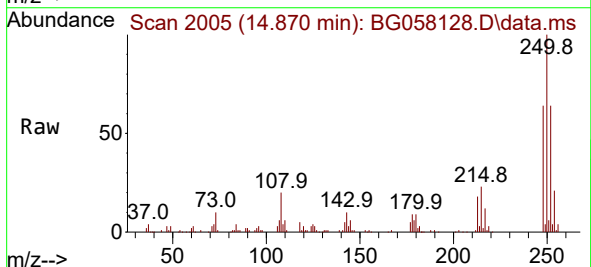
Instrument :
BNA_G
ClientSampleId :
SSTD020504

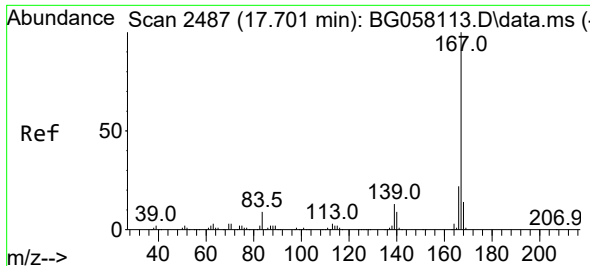
Tgt Ion:216 Resp: 94114
Ion Ratio Lower Upper
216 100
214 76.6 64.8 97.2
218 49.0 39.1 58.7



#76
Pentachlorobenzene
Concen: 19.753 ng/uL
RT: 14.870 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:250 Resp: 103820
Ion Ratio Lower Upper
250 100
248 63.6 52.8 79.2
252 64.4 52.4 78.6

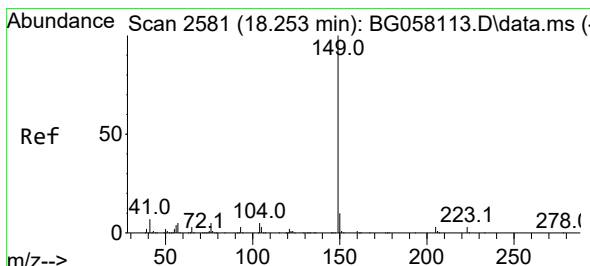
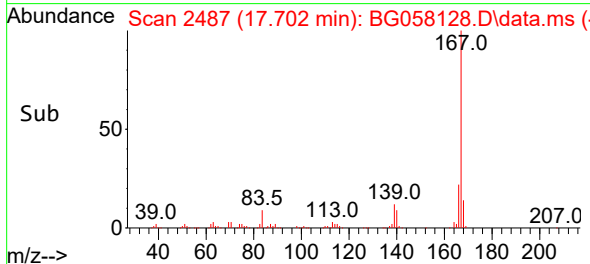
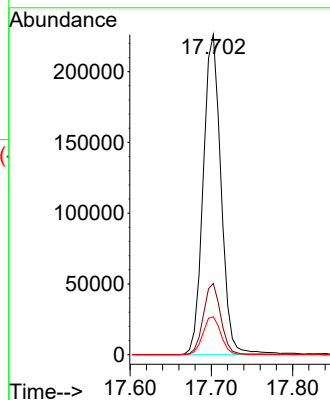
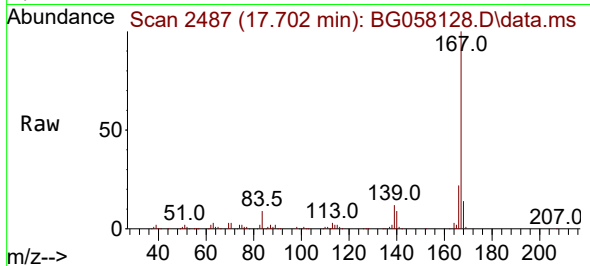




#77
 Carbazole
 Concen: 19.937 ng/ul
 RT: 17.702 min Scan# 2487
 Delta R.T. 0.003 min
 Lab File: BG058128.D
 Acq: 9 Jul 2023 16:05

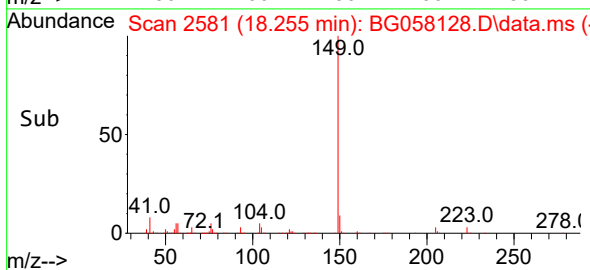
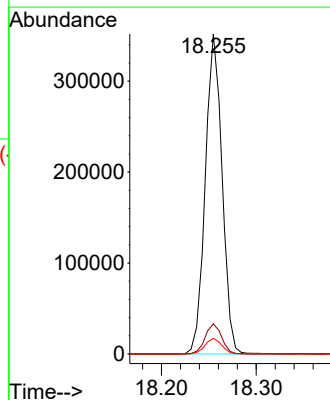
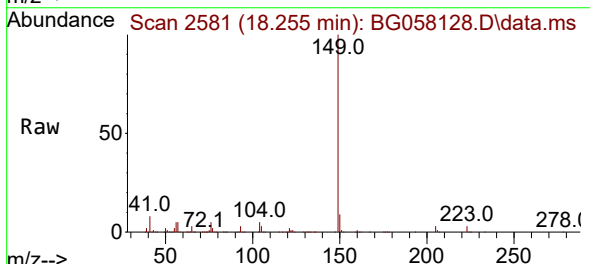
Instrument :
 BNA_G
 ClientSampleId :
 SST020504

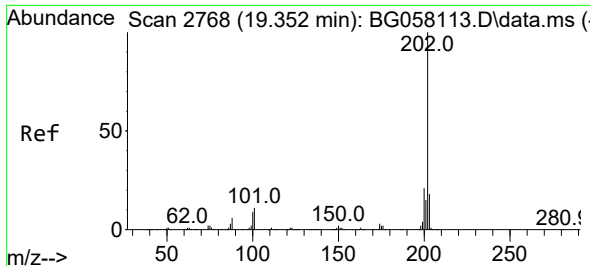
Tgt Ion:167 Resp: 344402
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 11.9 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 19.663 ng/ul
 RT: 18.255 min Scan# 2581
 Delta R.T. -0.003 min
 Lab File: BG058128.D
 Acq: 9 Jul 2023 16:05

Tgt Ion:149 Resp: 432687
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 3.9 5.9

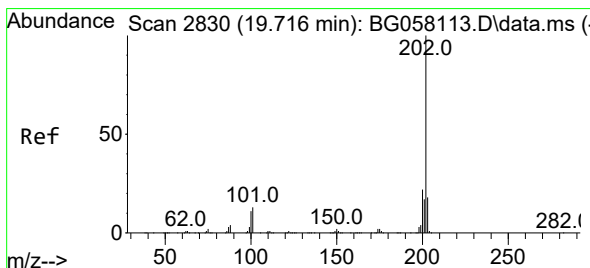
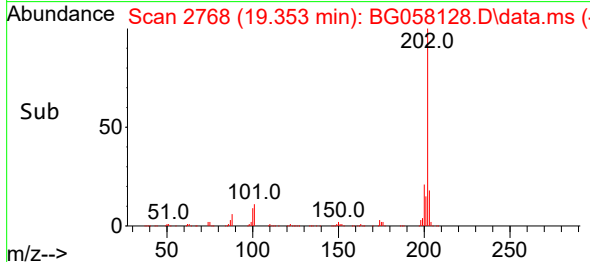
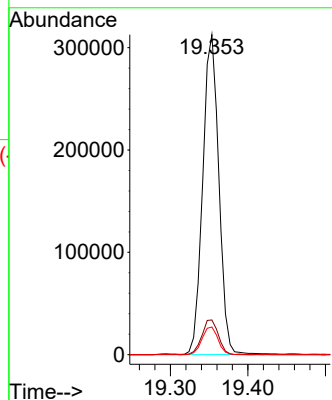
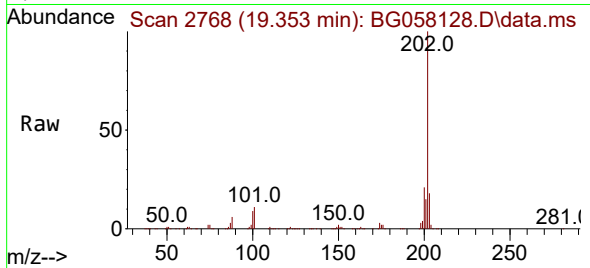




#80
Fluoranthene
Concen: 18.619 ng/ul
RT: 19.353 min Scan# 2768
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

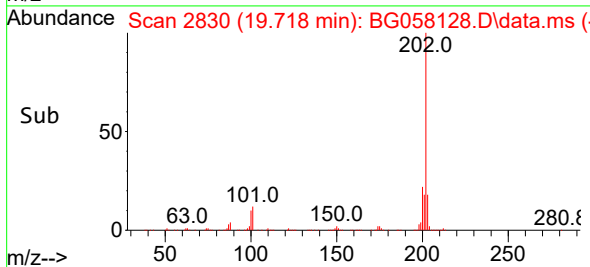
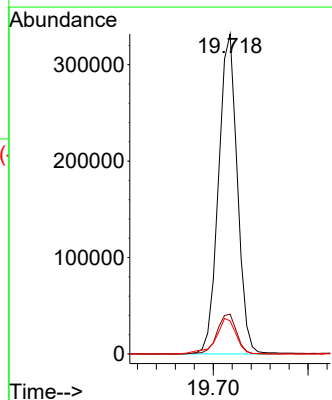
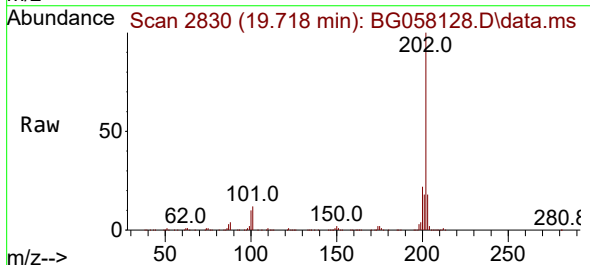
Instrument :
BNA_G
ClientSampleId :
SSTD020504

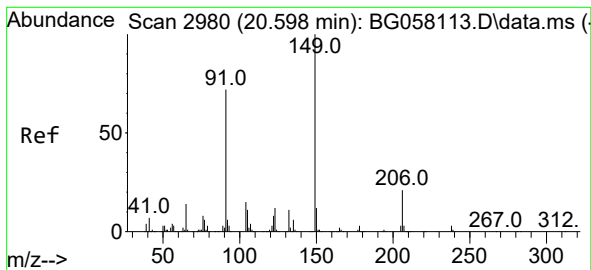
Tgt Ion:202 Resp: 450090
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 8.6 7.1 10.7



#82
Pyrene
Concen: 18.820 ng/ul
RT: 19.718 min Scan# 2830
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:202 Resp: 457951
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.3 8.9 13.3





#83

Butylbenzylphthalate

Concen: 19.406 ng/ul

RT: 20.599 min Scan# 2980

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

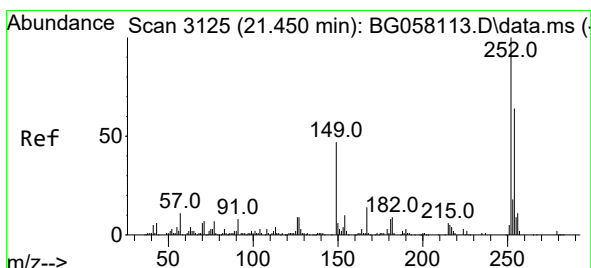
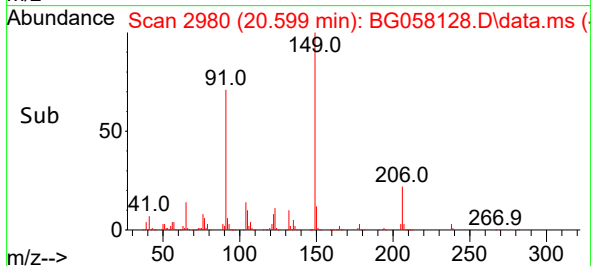
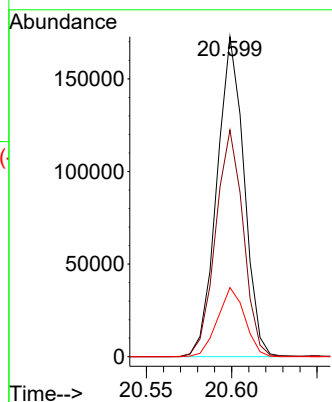
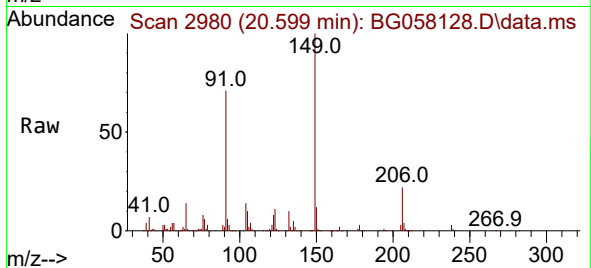
Tgt Ion:149 Resp: 191483

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

206 21.6 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 20.327 ng/ul

RT: 21.451 min Scan# 3125

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

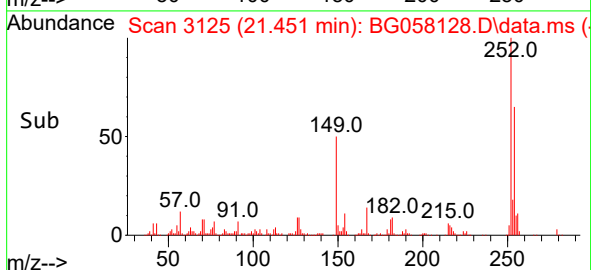
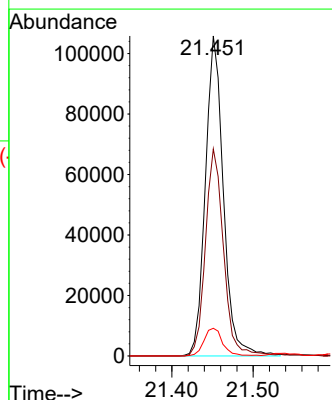
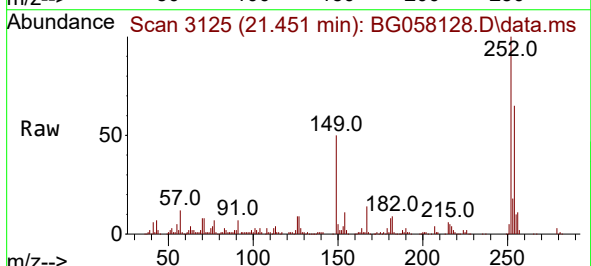
Tgt Ion:252 Resp: 163006

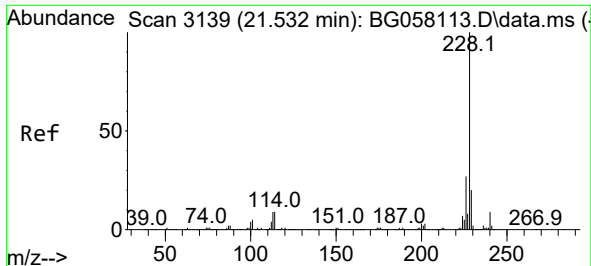
Ion Ratio Lower Upper

252 100

254 64.7 50.7 76.1

126 8.6 6.6 10.0

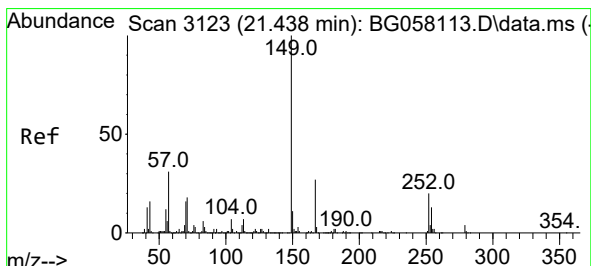
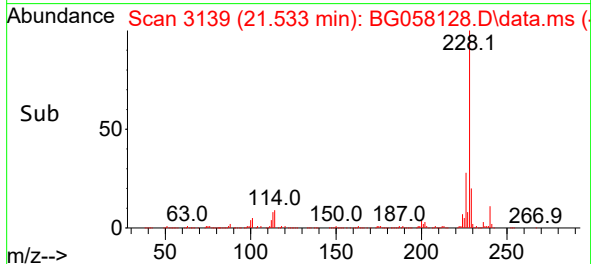
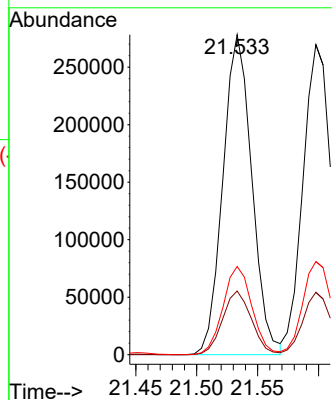
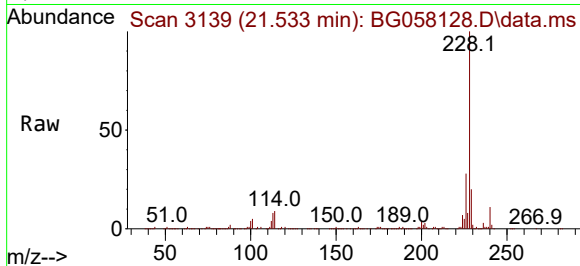




#85
Benzo(a)anthracene
Concen: 19.367 ng/ul
RT: 21.533 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

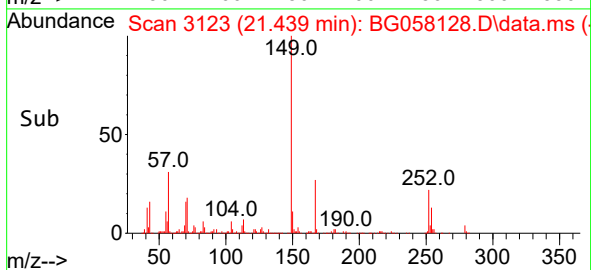
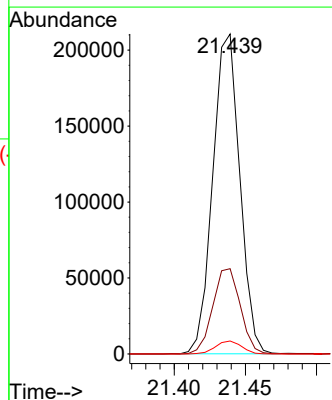
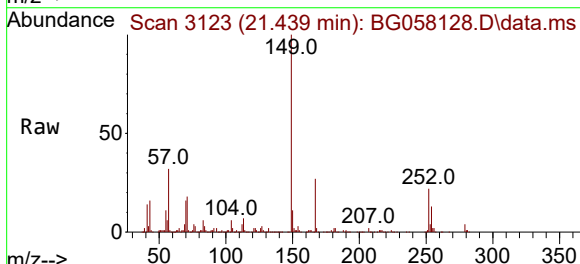
Instrument :
BNA_G
ClientSampleId :
SSTD020504

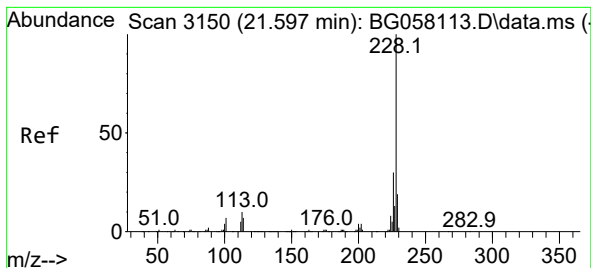
Tgt Ion:228 Resp: 460623
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.6 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 19.670 ng/ul
RT: 21.439 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:149 Resp: 278138
Ion Ratio Lower Upper
149 100
167 26.7 20.9 31.3
279 4.1 3.1 4.7





#87

Chrysene

Concen: 19.783 ng/ul

RT: 21.598 min Scan# 3150

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

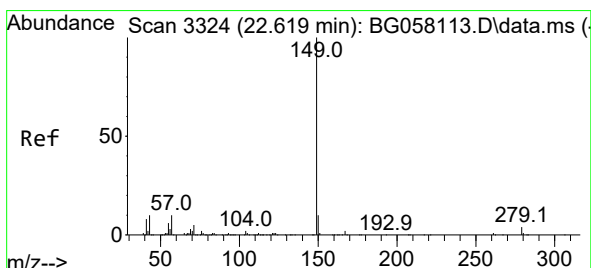
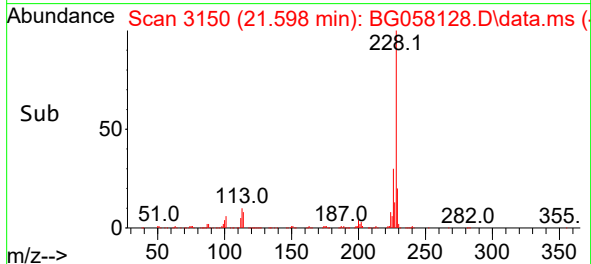
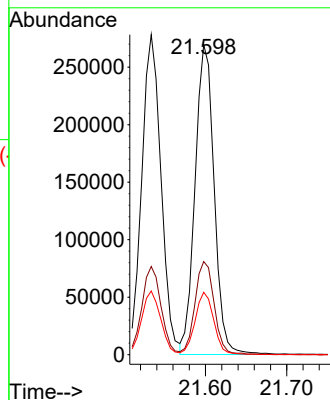
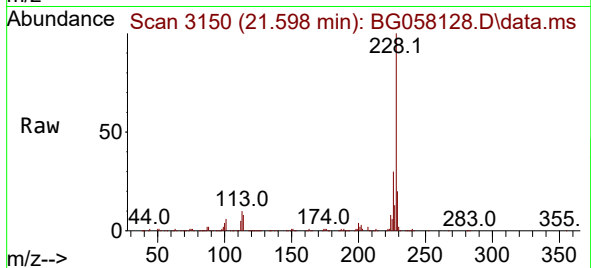
Tgt Ion:228 Resp: 441075

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 20.1 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 19.477 ng/ul

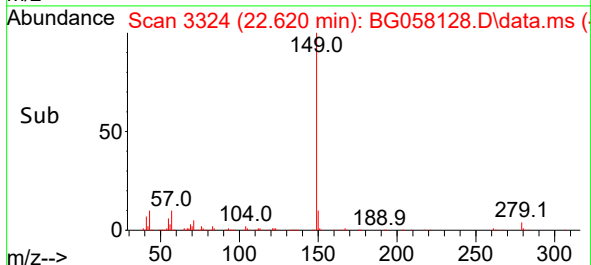
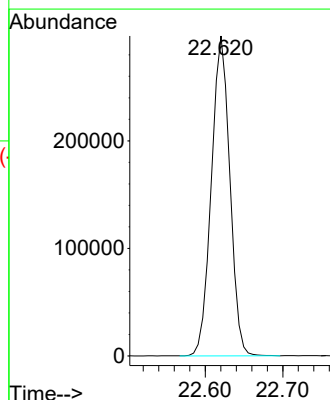
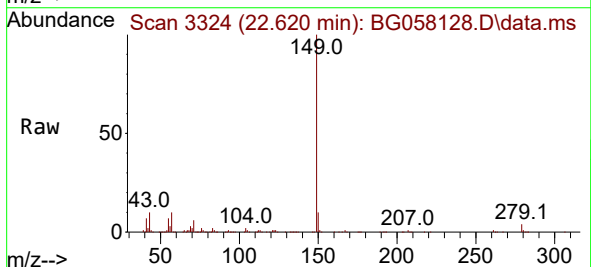
RT: 22.620 min Scan# 3324

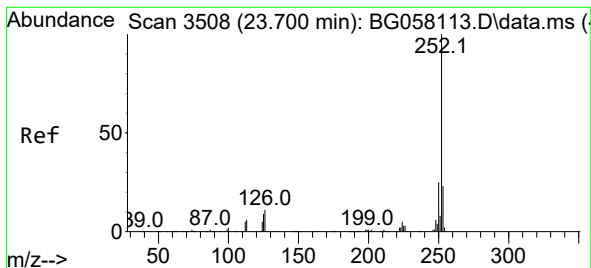
Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Tgt Ion:149 Resp: 493310





#90

Benzo(b)fluoranthene

Concen: 19.155 ng/ul

RT: 23.701 min Scan# 3508

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

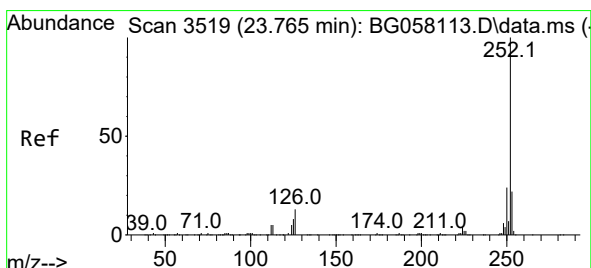
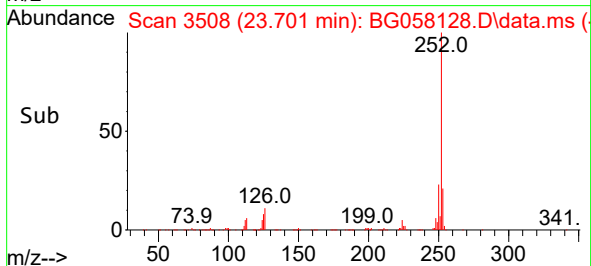
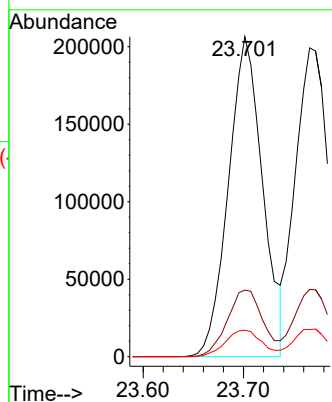
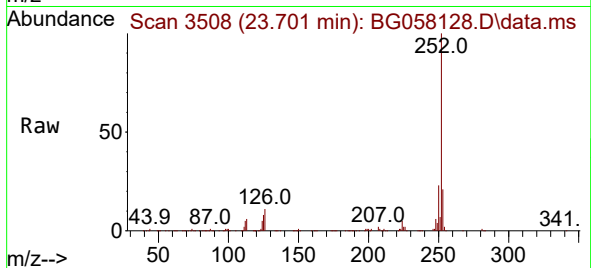
Tgt Ion:252 Resp: 488905

Ion Ratio Lower Upper

252 100

253 20.8 18.1 27.1

125 8.2 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 18.841 ng/ul

RT: 23.766 min Scan# 3519

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

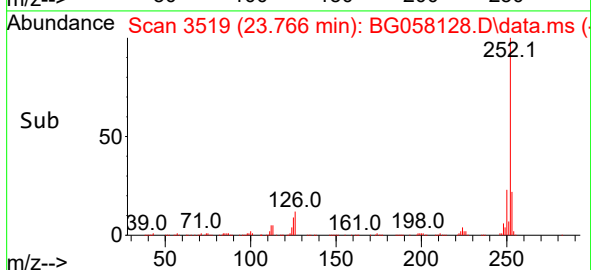
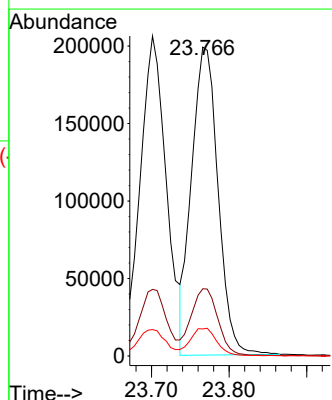
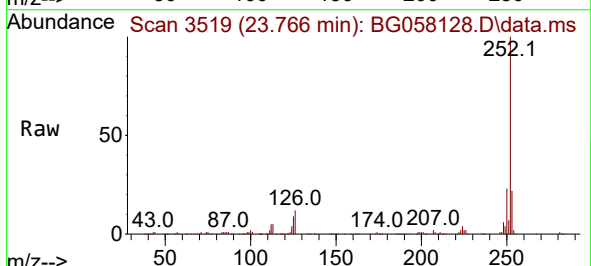
Tgt Ion:252 Resp: 471354

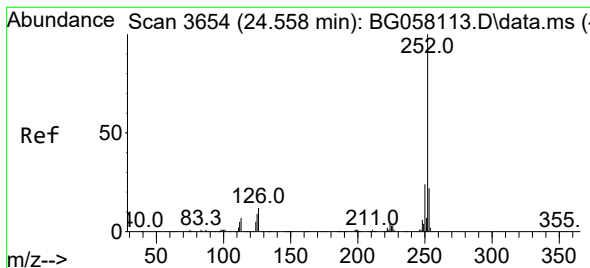
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 7.4 11.2





#93

Benzo(a)pyrene

Concen: 18.741 ng/ul

RT: 24.553 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

Instrument :

BNA_G

ClientSampleId :

SSTD020504

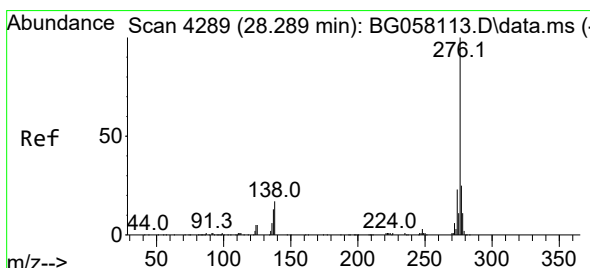
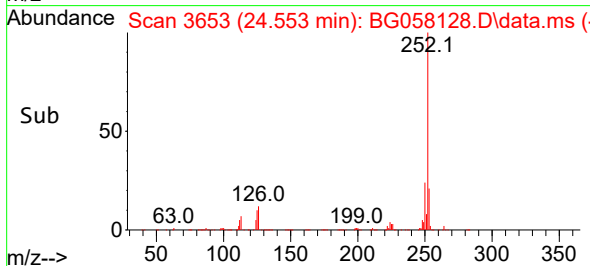
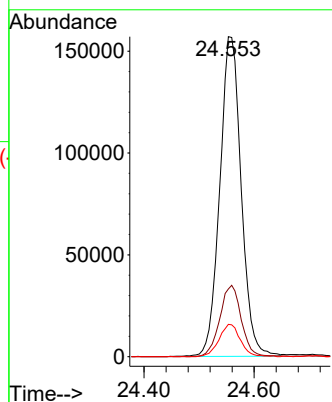
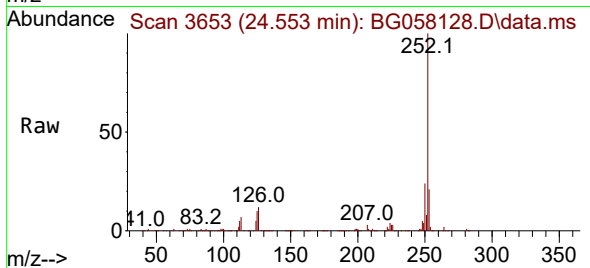
Tgt Ion:252 Resp: 423363

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 10.1 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.037 ng/ul

RT: 28.296 min Scan# 4290

Delta R.T. 0.003 min

Lab File: BG058128.D

Acq: 9 Jul 2023 16:05

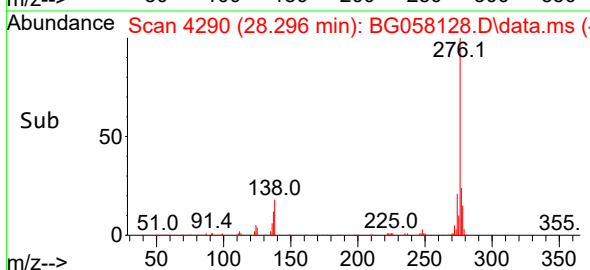
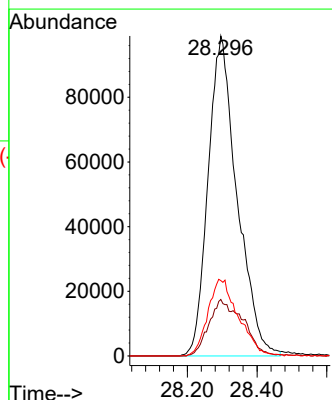
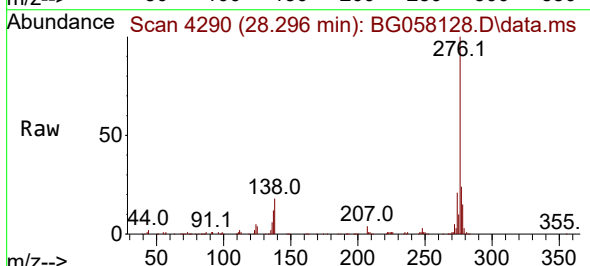
Tgt Ion:276 Resp: 571079

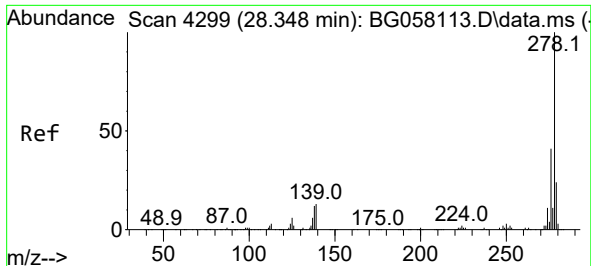
Ion Ratio Lower Upper

276 100

138 17.7 14.0 21.0

277 23.6 19.4 29.2

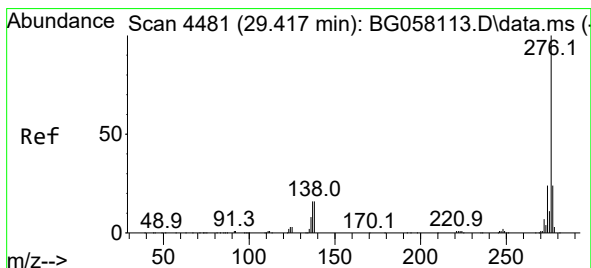
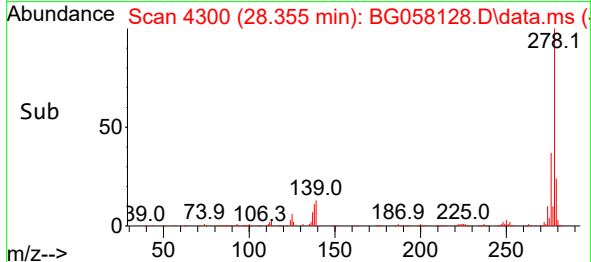
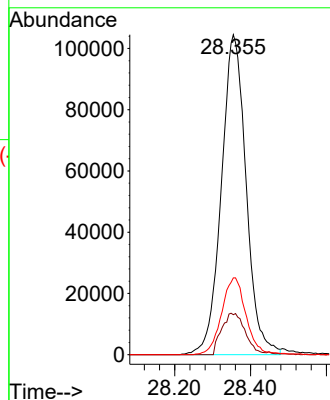
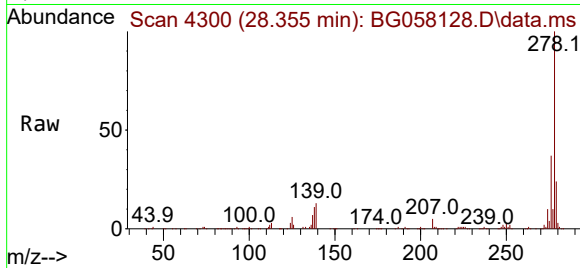




#95
Dibenzo(a,h)anthracene
Concen: 19.166 ng/ul
RT: 28.355 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Instrument :
BNA_G
ClientSampleId :
SSTD020504

Tgt Ion:278 Resp: 474110
Ion Ratio Lower Upper
278 100
139 12.5 11.3 16.9
279 24.0 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 18.783 ng/ul
RT: 29.412 min Scan# 4480
Delta R.T. -0.003 min
Lab File: BG058128.D
Acq: 9 Jul 2023 16:05

Tgt Ion:276 Resp: 460224
Ion Ratio Lower Upper
276 100
138 17.4 14.2 21.2
277 24.5 18.6 27.8

