

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058956.D
 Acq On : 10 Sep 2023 17:29
 Operator : MA/JU
 Sample : SST01008
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST010408

Quant Time: Sep 10 23:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Sep 10 22:58:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	51068	20.000	ng/ul	0.00
20) Naphthalene-d8	11.166	136	233405	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.950	164	175666	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.700	188	460073	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.024	240	479383	20.000	ng/ul	0.00
88) Perylene-d12	25.585	264	535707	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	4661	4.378	ng/uL	0.00
4) Pyridine-d5	4.069	84	37979	10.389	ng/ul	0.00
7) Phenol-d5	7.436	99	46510	9.182	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	29431	10.271	ng/ul	0.00
11) 2-Chlorophenol-d4	7.841	132	30592	10.125	ng/ul	0.00
15) 4-Methylphenol-d8	9.004	113	37107	9.452	ng/ul	0.00
21) Nitrobenzene-d5	9.527	128	14849	10.801	ng/ul	0.00
24) 2-Nitrophenol-d4	10.232	143	16180	10.743	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.761	165	37611	8.608	ng/ul	0.00
31) 4-Chloroaniline-d4	11.307	131	55038	9.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.345	166	136012	10.030	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	147484	10.062	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	23591	13.168	ng/ul	0.00
60) Fluorene-d10	15.937	176	119290	9.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.037	200	19513	9.316	ng/ul	0.00
73) Anthracene-d10	17.794	188	199492	9.532	ng/ul	0.00
81) Pyrene-d10	20.068	212	249046	8.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.338	264	251983	9.549	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.681	88	6555	5.055	ng/uL	89
5) Pyridine	4.092	79	39542	10.275	ng/ul	91
6) Benzaldehyde	7.471	77	31895	10.683	ng/ul#	88
8) Phenol	7.459	94	50909	9.638	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.741	93	38629	9.861	ng/ul#	85
12) 2-Chlorophenol	7.870	128	30741	10.091	ng/ul#	79
13) 2-Methylphenol	8.740	108	38578	9.754	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.828	45	47914	10.627	ng/ul#	94
16) Acetophenone	9.163	105	61477	8.783	ng/ul	87
17) N-Nitroso-di-n-propyla...	9.128	70	33775	9.226	ng/ul	96
18) 4-Methylphenol	9.069	108	41946	9.692	ng/ul	99
19) Hexachloroethane	9.416	117	13938	11.210	ng/ul#	75
22) Nitrobenzene	9.562	77	46945	9.984	ng/ul	94
23) Isophorone	10.074	82	100818	8.594	ng/ul	99
25) 2-Nitrophenol	10.273	139	16661	10.256	ng/ul#	88
26) 2,4-Dimethylphenol	10.291	107	47140	9.333	ng/ul#	86
27) Bis(2-Chloroethoxy)met...	10.555	93	54845	9.028	ng/ul	93
29) 2,4-Dichlorophenol	10.790	162	35210	8.501	ng/ul#	91
30) Naphthalene	11.219	128	115314	9.146	ng/ul	96
32) 4-Chloroaniline	11.331	127	50499	9.499	ng/ul	94
33) Hexachlorobutadiene	11.454	225	26457	6.523	ng/ul#	90
34) Caprolactam	12.095	113	7249	5.291	ng/ul	90
35) 4-Chloro-3-methylphenol	12.394	107	43450	8.929	ng/ul	92
36) 2-Methylnaphthalene	12.800	142	92026	9.641	ng/ul	99

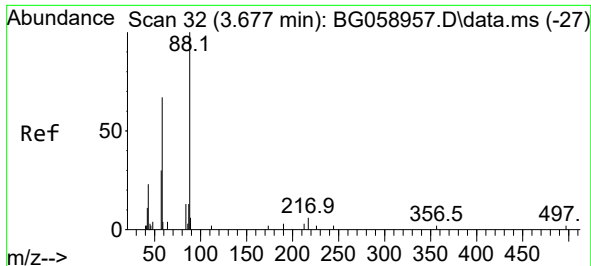
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.017	142	89111	9.128	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.135	216	52291	7.978	ng/ul	93
40) Hexachlorocyclopentadiene	13.094	237	59481	12.609	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.376	196	34657	9.099	ng/ul	99
42) 2,4,5-Trichlorophenol	13.440	196	38655	9.465	ng/ul	96
43) 1,1'-Biphenyl	13.787	154	125783	10.523	ng/ul#	96
44) 2-Chloronaphthalene	13.840	162	93439	9.802	ng/ul	97
45) 2-Nitroaniline	14.051	65	27644	13.115	ng/ul	94
47) Dimethylphthalate	14.392	163	126381	9.167	ng/ul#	99
48) 2,6-Dinitrotoluene	14.533	165	22014	11.250	ng/ul#	88
50) Acenaphthylene	14.680	152	162660	9.945	ng/ul#	95
51) 3-Nitroaniline	14.868	138	22241	11.279	ng/ul	85
52) Acenaphthene	15.009	153	107001	10.048	ng/ul	95
53) 2,4-Dinitrophenol	15.062	184	21440	12.952	ng/ul	91
55) 4-Nitrophenol	15.127	109	26516	11.833	ng/ul#	90
56) Dibenzofuran	15.344	168	156218	9.826	ng/ul	98
57) 2,4-Dinitrotoluene	15.303	165	31877	11.292	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.550	232	37883	8.780	ng/ul	95
59) Diethylphthalate	15.738	149	130051	10.495	ng/ul	98
61) Fluorene	15.990	166	132313	9.803	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.978	204	70444	8.700	ng/ul	90
63) 4-Nitroaniline	16.025	138	22134	12.064	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.055	198	20786	9.453	ng/ul#	92
67) N-Nitrosodiphenylamine	16.190	169	114238	10.097	ng/ul	92
68) 4-Bromophenyl-phenylether	16.872	248	47395	8.484	ng/ul	94
69) Hexachlorobenzene	16.960	284	55658	8.634	ng/ul	89
70) Atrazine	17.124	200	51598	11.359	ng/ul	96
71) Pentachlorophenol	17.312	266	34306	8.665	ng/ul#	83
72) Phenanthrene	17.741	178	230436	10.317	ng/ul	96
74) Anthracene	17.829	178	237183	10.401	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.746	216	57606	8.623	ng/uL#	86
76) Pentachlorobenzene	15.238	250	56653	8.414	ng/uL	95
77) Carbazole	18.105	167	206201	11.913	ng/ul	97
78) Di-n-butylphthalate	18.617	149	225807	14.512	ng/ul	98
80) Fluoranthene	19.733	202	285195	8.441	ng/ul	97
82) Pyrene	20.097	202	298184	8.810	ng/ul#	96
83) Butylbenzylphthalate	20.961	149	89241	15.207	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	107061	10.225	ng/ul	93
85) Benzo(a)anthracene	22.001	228	309589	9.486	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.848	149	133486	14.582	ng/ul	98
87) Chrysene	22.071	228	285207	9.328	ng/ul	99
89) Di-n-octyl phthalate	23.182	149	220411	13.175	ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	302744	9.384	ng/ul	97
91) Benzo(k)fluoranthene	24.433	252	302744	9.326	ng/ul	95
93) Benzo(a)pyrene	25.414	252	288513	9.558	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.715	276	287318	7.635	ng/ul	93
95) Dibenzo(a,h)anthracene	29.803	278	183881	6.009	ng/ul#	90
96) Benzo(g,h,i)perylene	31.026	276	275242	9.212	ng/ul#	94

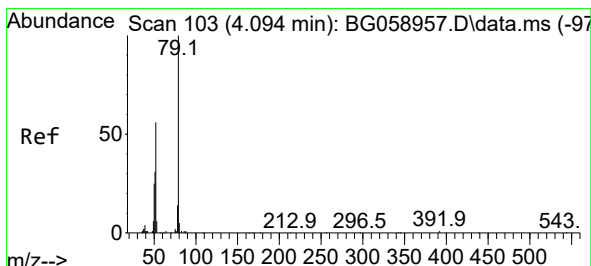
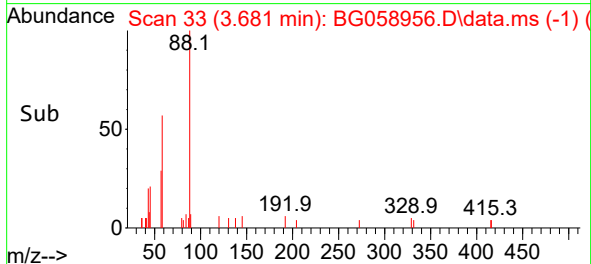
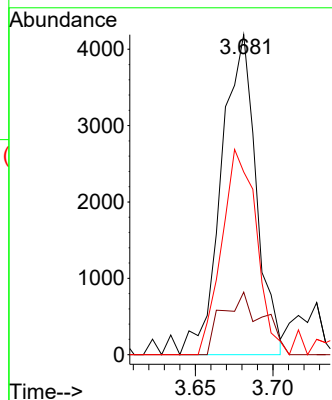
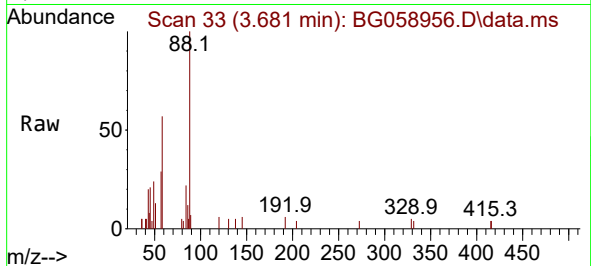
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#2
1,4-Dioxane
Concen: 5.055 ng/uL
RT: 3.681 min Scan# 31
Delta R.T. 0.005 min
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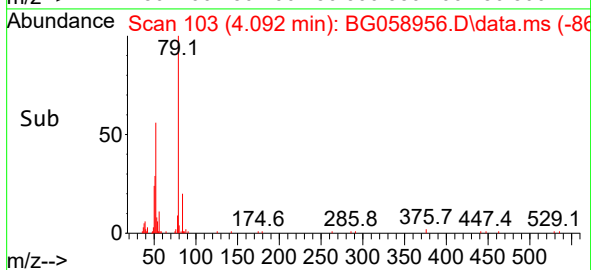
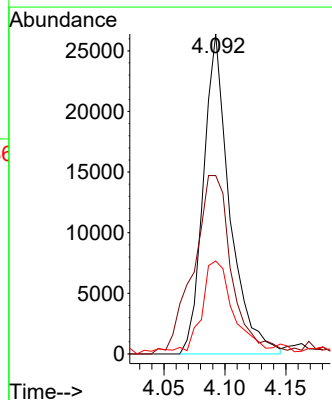
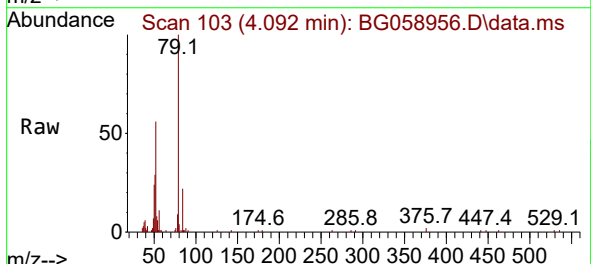
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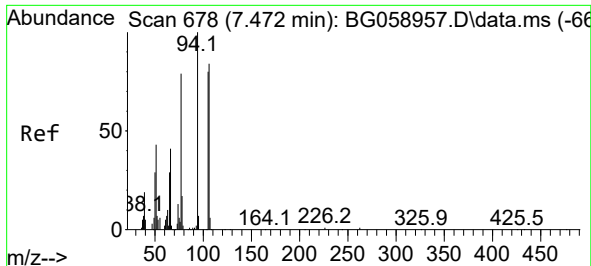
Tgt Ion: 88 Resp: 6555
Ion Ratio Lower Upper
88 100
43 19.6 18.6 28.0
58 57.1 53.8 80.8



#5
Pyridine
Concen: 10.275 ng/uL
RT: 4.092 min Scan# 103
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion: 79 Resp: 39542
Ion Ratio Lower Upper
79 100
52 55.8 51.4 77.0
51 29.0 25.2 37.8

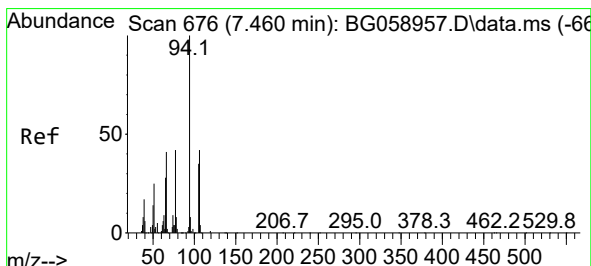
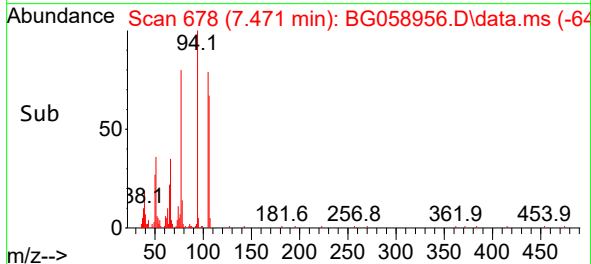
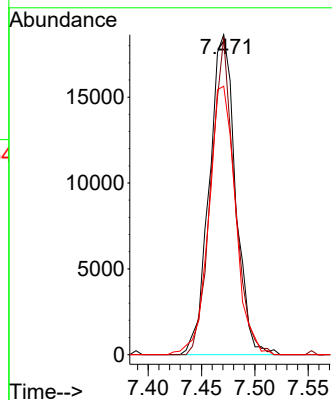
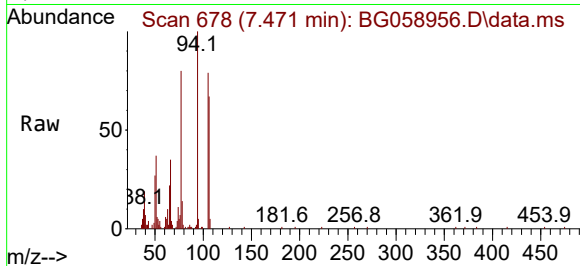




#6
Benzaldehyde
Concen: 10.683 ng/ul
RT: 7.471 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

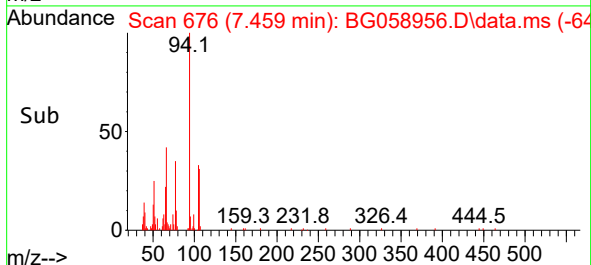
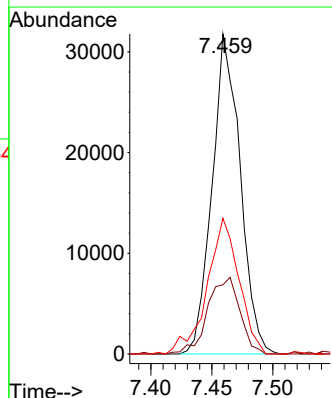
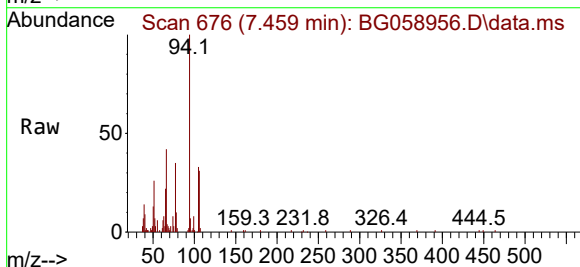
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ClientSampleId :
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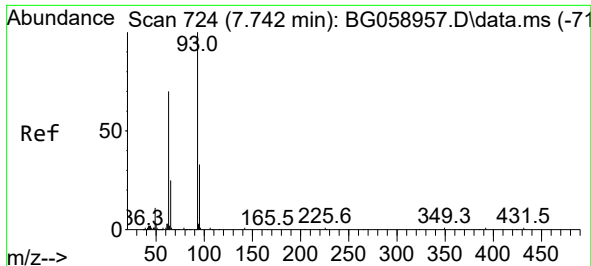
Tgt Ion: 77 Resp: 31895
Ion Ratio Lower Upper
77 100
105 99.1 81.6 122.4
106 83.9 84.5 126.7#



#8
Phenol
Concen: 9.638 ng/ul
RT: 7.459 min Scan# 676
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion: 94 Resp: 50909
Ion Ratio Lower Upper
94 100
65 21.6 22.4 33.6#
66 42.4 35.0 52.6

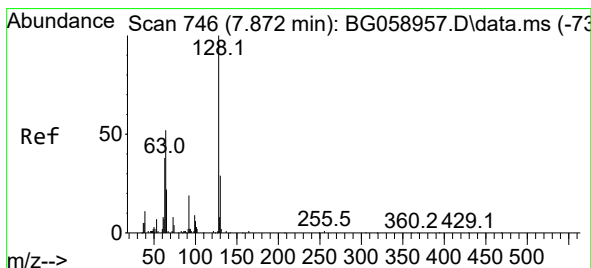
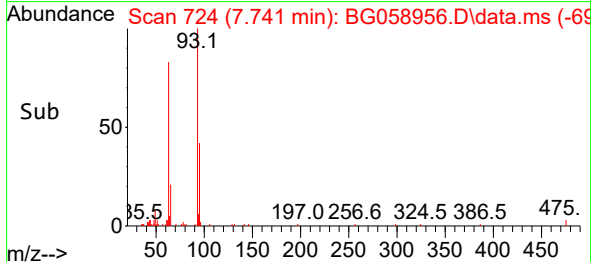
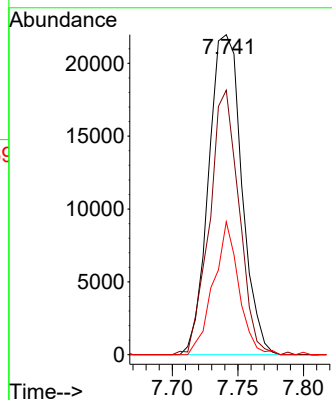
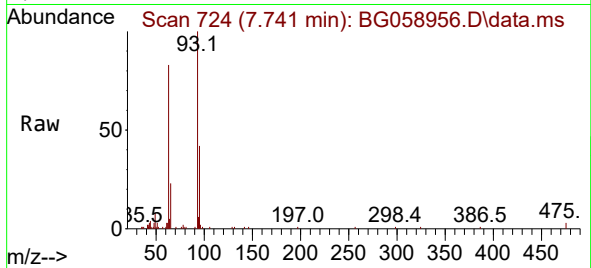




#10
Bis(2-Chloroethyl)ether
Concen: 9.861 ng/ul
RT: 7.741 min Scan# 724
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

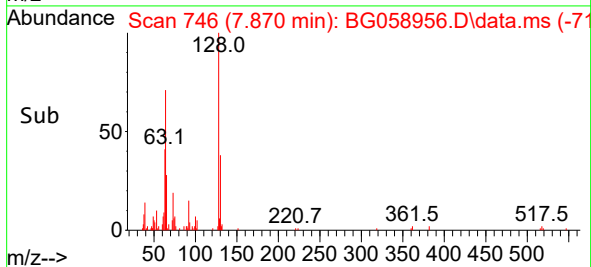
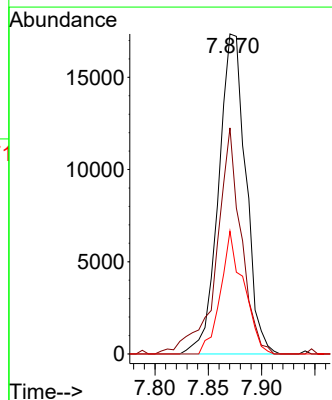
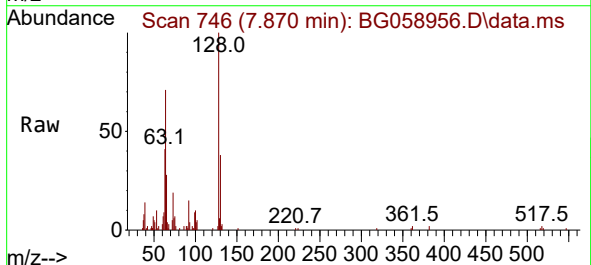
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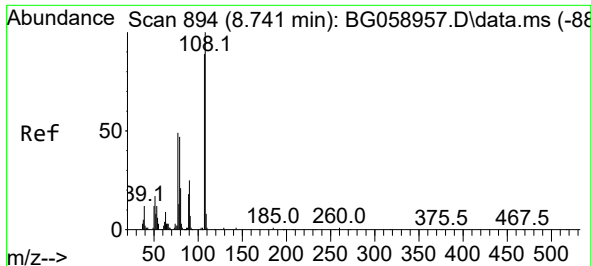
Tgt Ion: 93 Resp: 38629
Ion Ratio Lower Upper
93 100
63 82.7 56.2 84.4
95 41.5 26.4 39.6#



#12
2-Chlorophenol
Concen: 10.091 ng/ul
RT: 7.870 min Scan# 746
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:128 Resp: 30741
Ion Ratio Lower Upper
128 100
64 70.6 43.1 64.7#
130 38.3 23.2 34.8#





#13

2-Methylphenol

Concen: 9.754 ng/ul

RT: 8.740 min Scan# 894

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

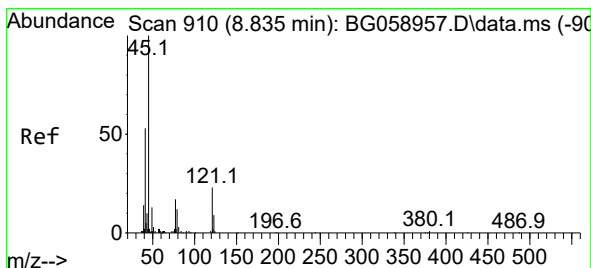
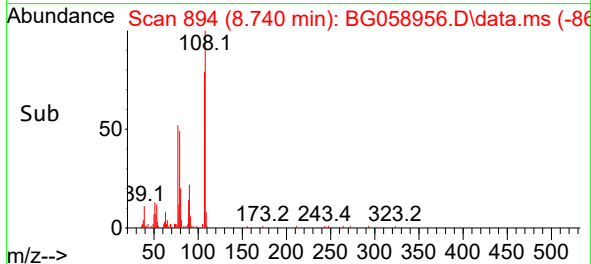
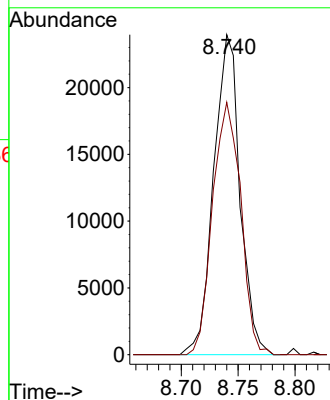
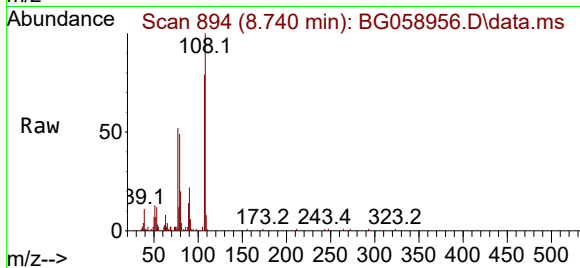
SSTD010408

Tgt Ion:108 Resp: 38578

Ion Ratio Lower Upper

108 100

107 78.8 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.627 ng/ul

RT: 8.828 min Scan# 909

Delta R.T. -0.007 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

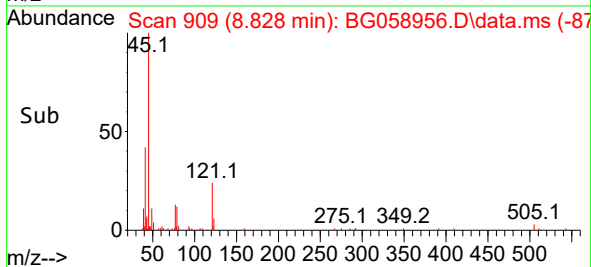
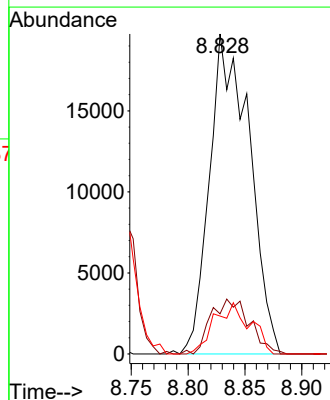
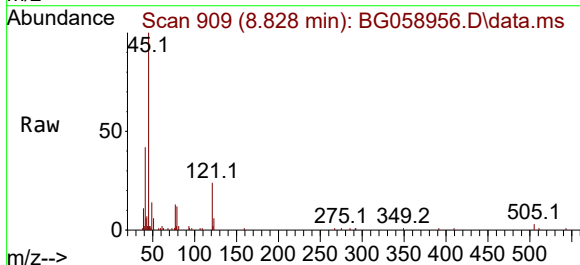
Tgt Ion: 45 Resp: 47914

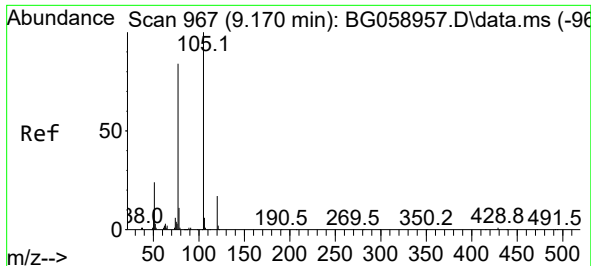
Ion Ratio Lower Upper

45 100

77 12.5 13.2 19.8#

79 11.9 9.8 14.6

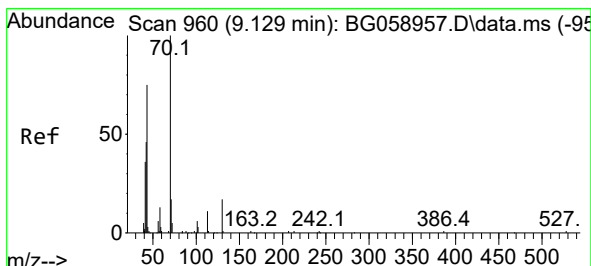
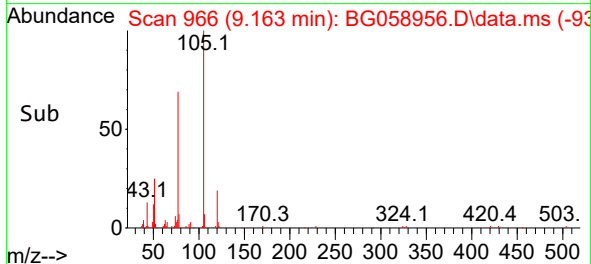
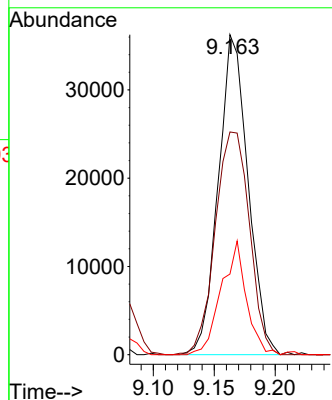
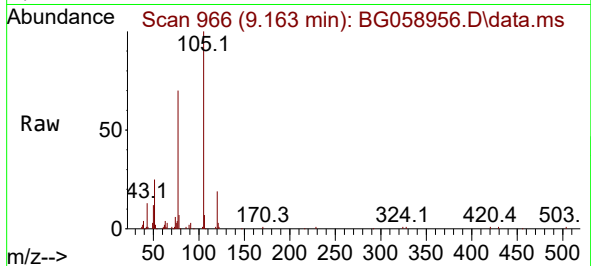




#16
Acetophenone
Concen: 8.783 ng/ul
RT: 9.163 min Scan# 967
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

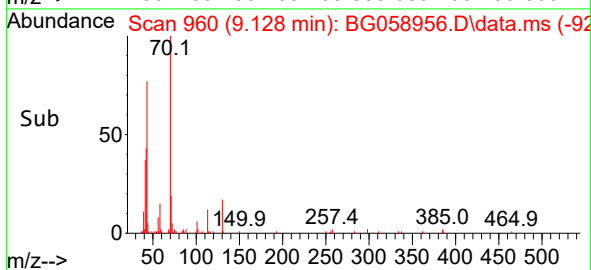
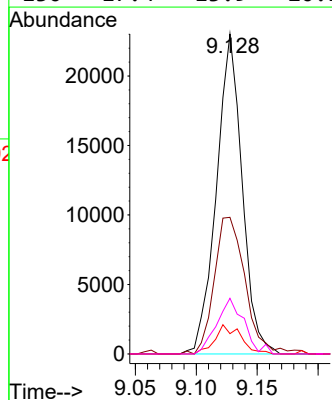
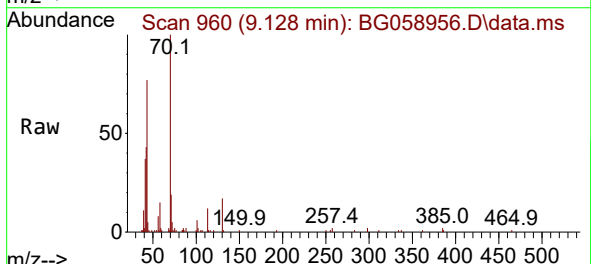
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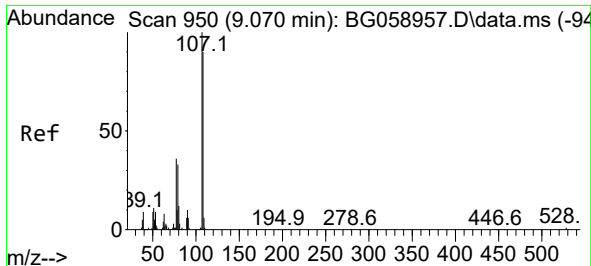
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Ion Ratio Lower Upper
105 100
77 69.6 67.3 100.9
51 25.2 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 9.226 ng/ul
RT: 9.128 min Scan# 960
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion: 70 Resp: 33775
Ion Ratio Lower Upper
70 100
42 42.7 37.5 56.3
101 6.4 5.0 7.6
130 17.4 13.9 20.9

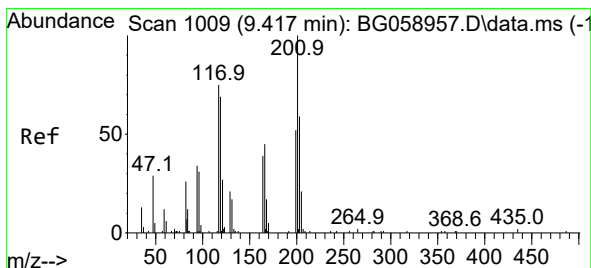
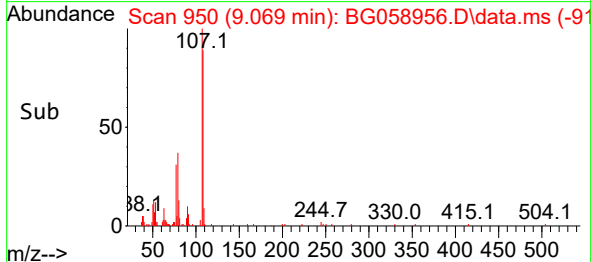
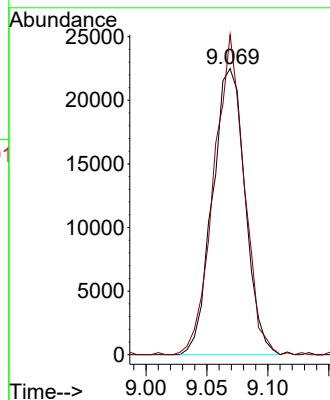
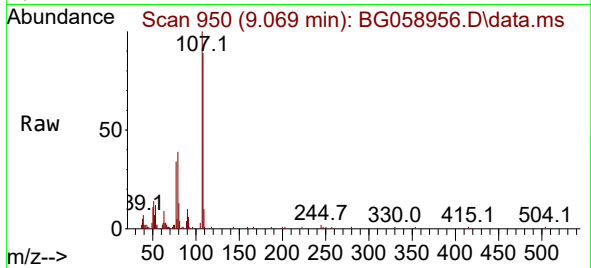




#18
4-Methylphenol
Concen: 9.692 ng/ul
RT: 9.069 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

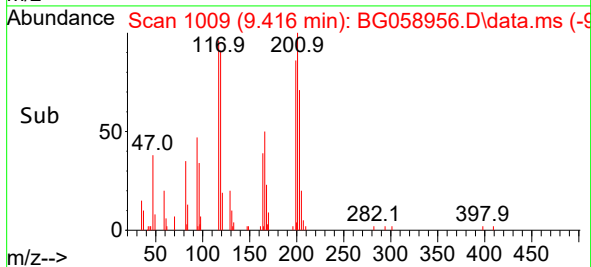
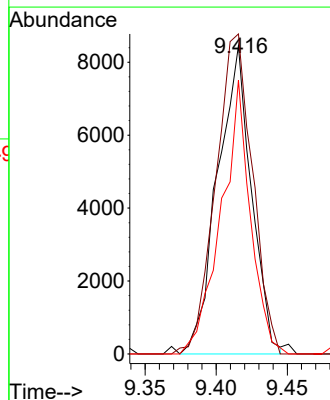
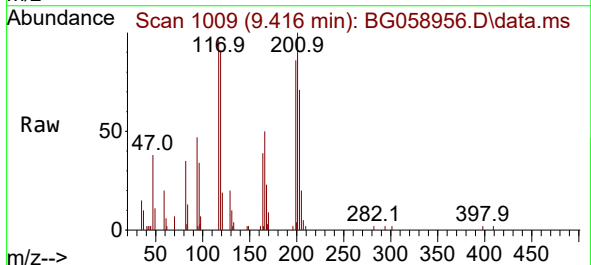
Instrument :
BNA_G
ClientSampleId :
SSTD010408

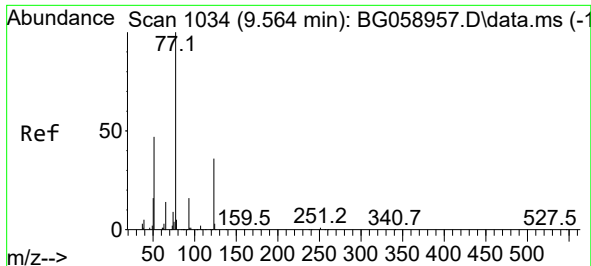
Tgt Ion:108 Resp: 41946
Ion Ratio Lower Upper
108 100
107 111.9 88.9 133.3



#19
Hexachloroethane
Concen: 11.210 ng/ul
RT: 9.416 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:117 Resp: 13938
Ion Ratio Lower Upper
117 100
201 103.8 108.2 162.4#
199 88.8 56.0 84.0#

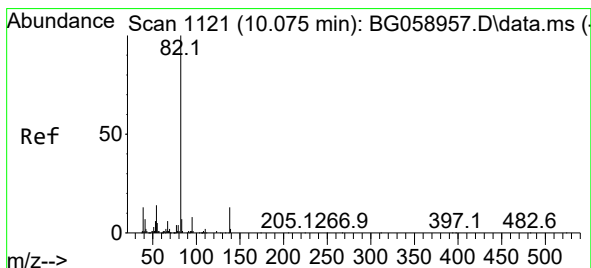
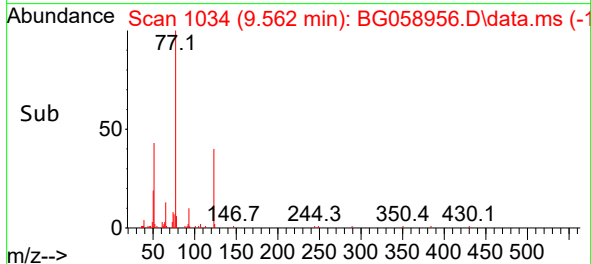
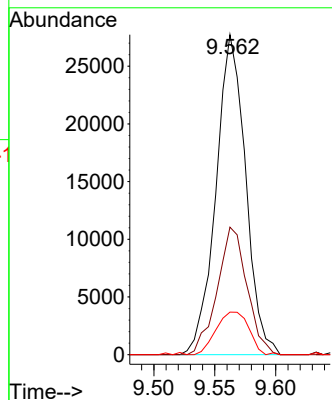
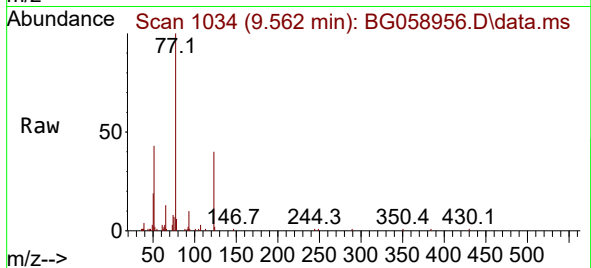




#22
Nitrobenzene
Concen: 9.984 ng/ul
RT: 9.562 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

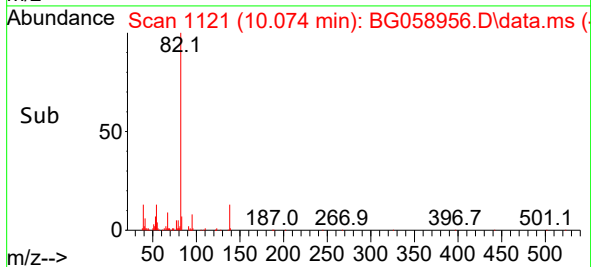
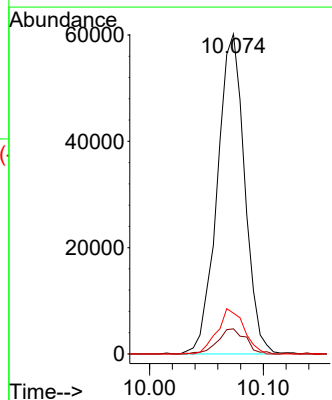
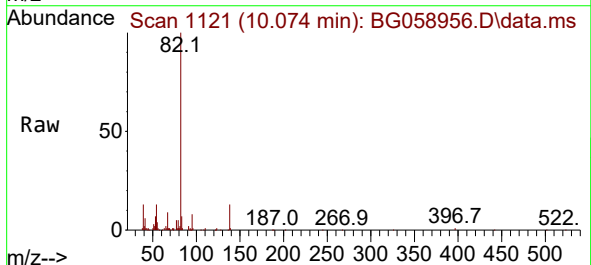
Instrument :
BNA_G
ClientSampleId :
SSTD010408

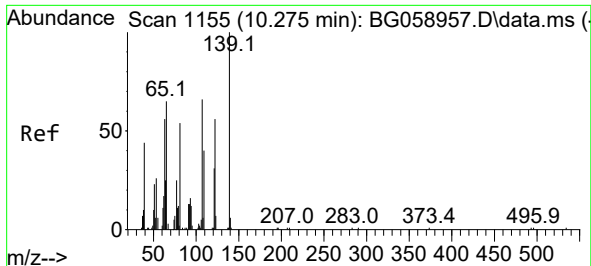
Tgt Ion: 77 Resp: 46945
Ion Ratio Lower Upper
77 100
123 39.8 28.5 42.7
65 13.3 11.5 17.3



#23
Isophorone
Concen: 8.594 ng/ul
RT: 10.074 min Scan# 1121
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion: 82 Resp: 100818
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 12.8 10.4 15.6

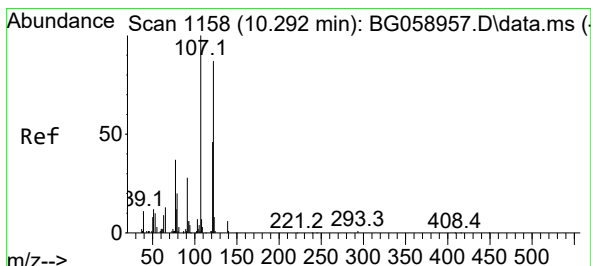
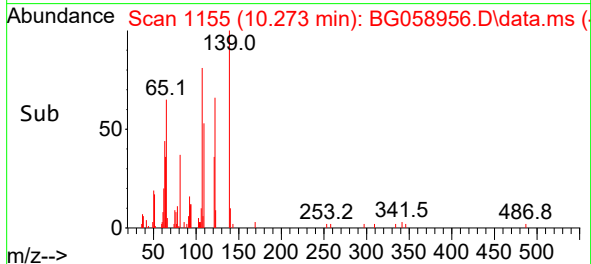
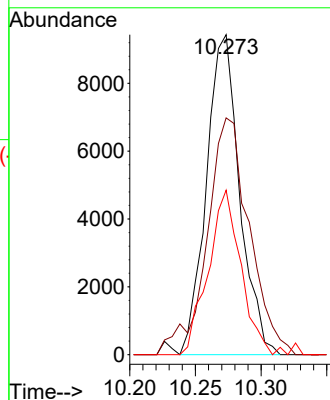
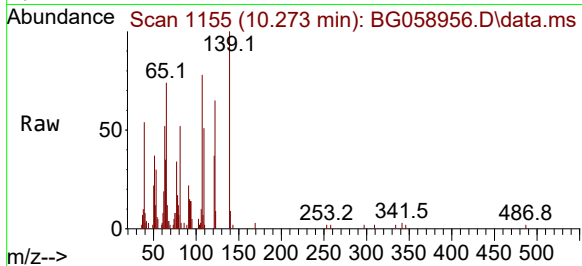




#25
2-Nitrophenol
Concen: 10.256 ng/ul
RT: 10.273 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

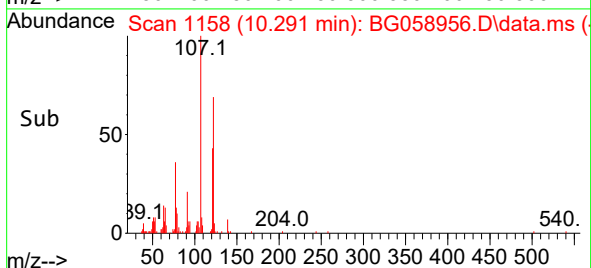
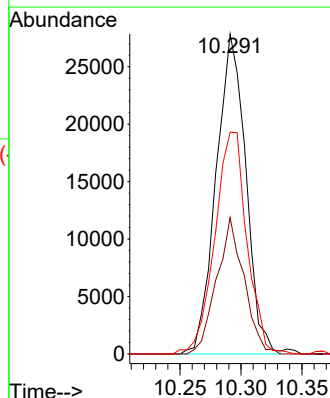
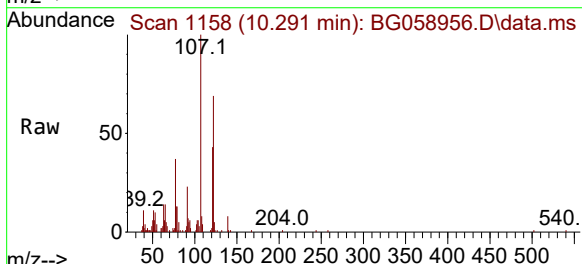
Instrument :
BNA_G
ClientSampleId :
SSTD010408

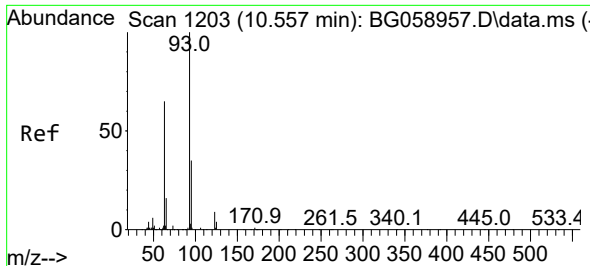
Tgt Ion:139 Resp: 16661
Ion Ratio Lower Upper
139 100
65 74.0 53.5 80.3
109 51.4 32.0 48.0#



#26
2,4-Dimethylphenol
Concen: 9.333 ng/ul
RT: 10.291 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:107 Resp: 47140
Ion Ratio Lower Upper
107 100
121 42.6 36.4 54.6
122 69.3 69.4 104.0#

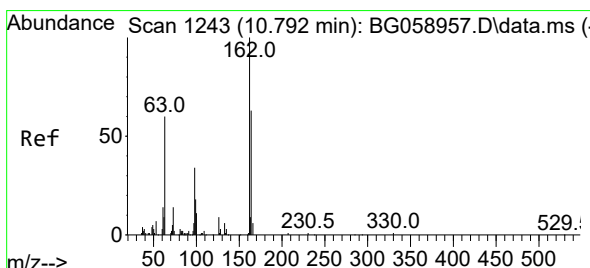
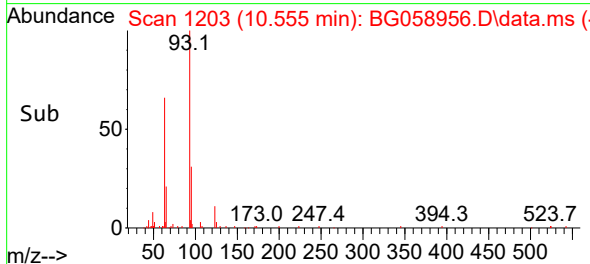
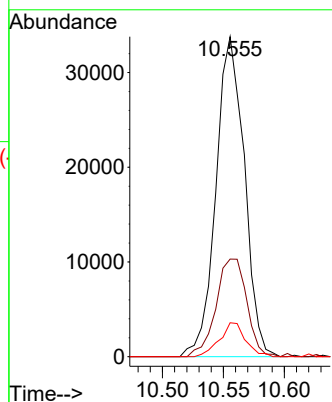
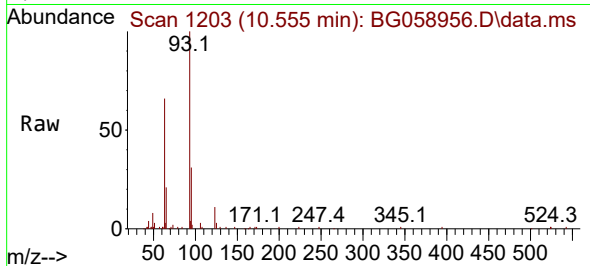




#27
 Bis(2-Chloroethoxy)methane
 Concen: 9.028 ng/ul
 RT: 10.555 min Scan# 1203
 Delta R.T. -0.001 min
 Lab File: BG058956.D
 Acq: 10 Sep 2023 17:29

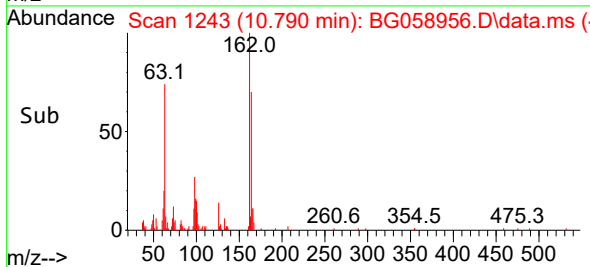
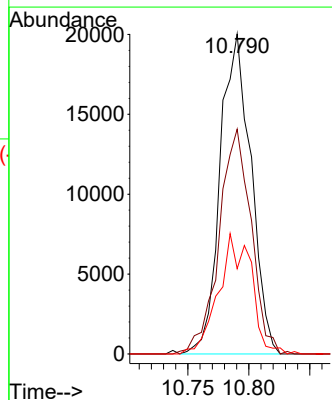
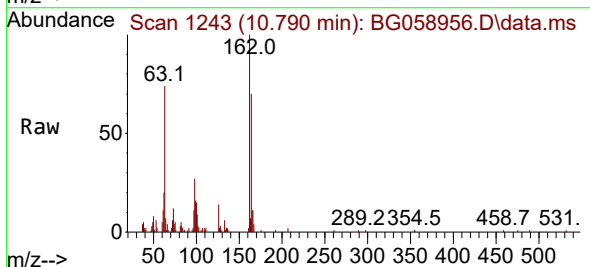
Instrument :
 BNA_G
 ClientSampleId :
 SSTD010408

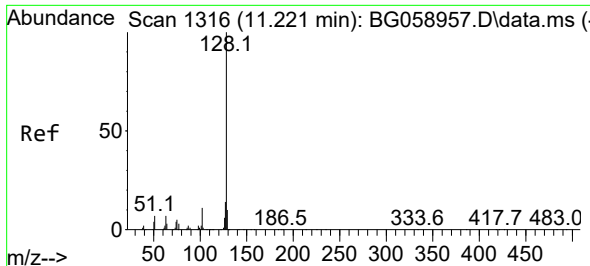
Tgt Ion: 93 Resp: 54845
 Ion Ratio Lower Upper
 93 100
 95 30.5 27.8 41.6
 123 10.6 7.3 10.9



#29
 2,4-Dichlorophenol
 Concen: 8.501 ng/ul
 RT: 10.790 min Scan# 1243
 Delta R.T. -0.001 min
 Lab File: BG058956.D
 Acq: 10 Sep 2023 17:29

Tgt Ion: 162 Resp: 35210
 Ion Ratio Lower Upper
 162 100
 164 70.2 51.4 77.0
 98 26.6 27.2 40.8

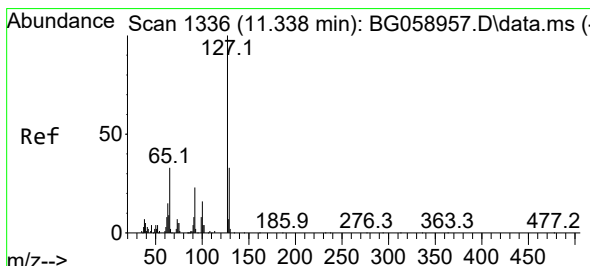
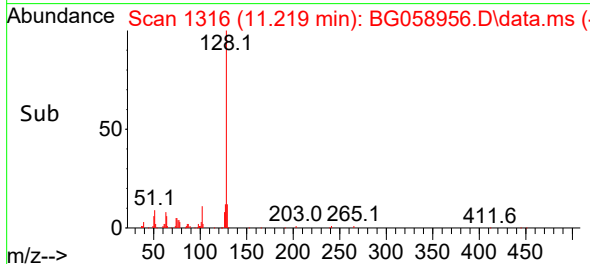
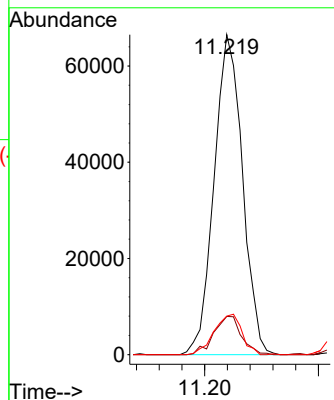
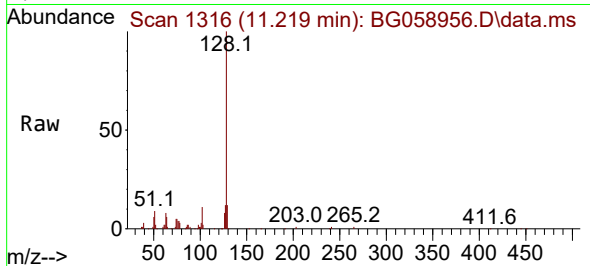




#30
Naphthalene
Concen: 9.146 ng/ul
RT: 11.219 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

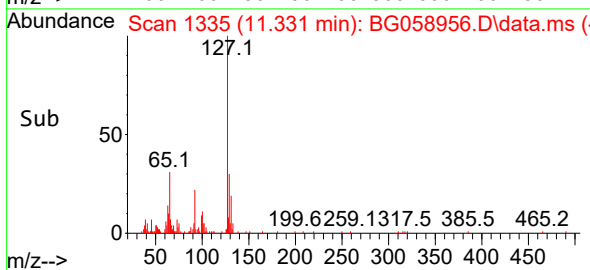
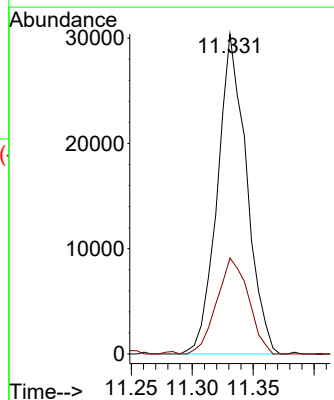
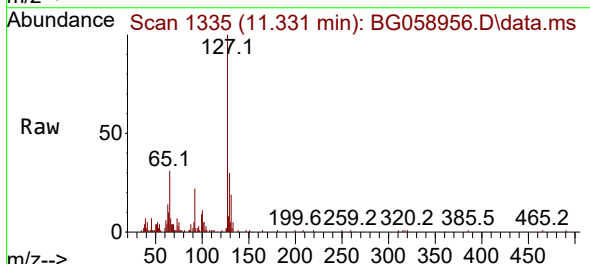
Instrument :
BNA_G
ClientSampleId :
SSTD010408

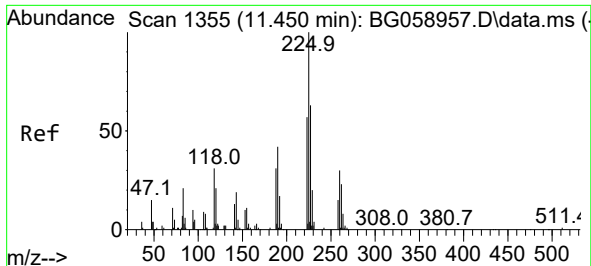
Tgt Ion:128 Resp: 115314
Ion Ratio Lower Upper
128 100
129 12.0 8.2 12.2
127 12.1 10.9 16.3



#32
4-Chloroaniline
Concen: 9.499 ng/ul
RT: 11.331 min Scan# 1335
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:127 Resp: 50499
Ion Ratio Lower Upper
127 100
129 29.9 26.6 39.8

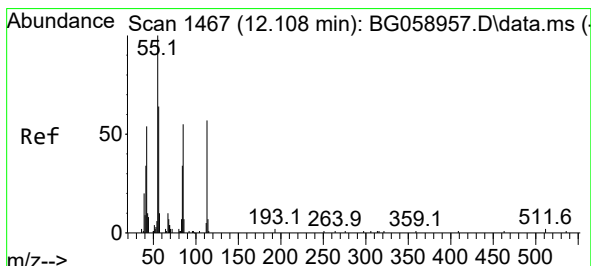
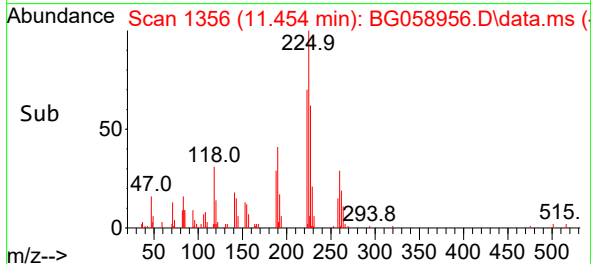
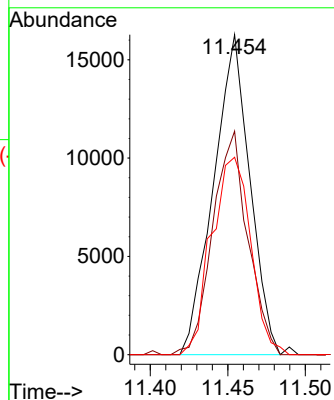
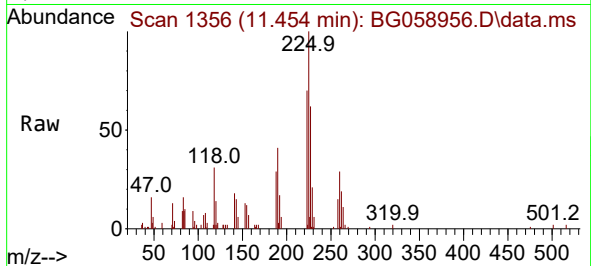




#33
Hexachlorobutadiene
Concen: 6.523 ng/ul
RT: 11.454 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

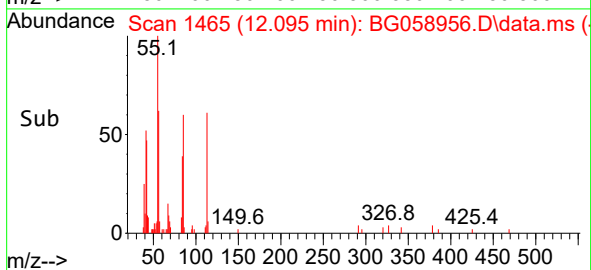
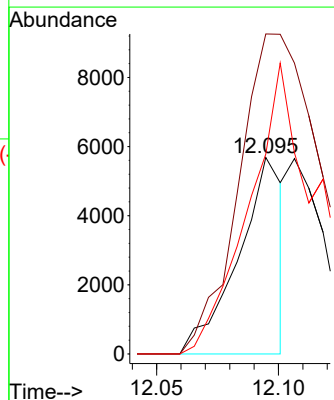
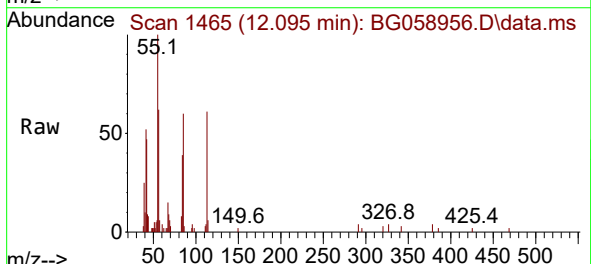
Instrument :
BNA_G
ClientSampleId :
SSTD010408

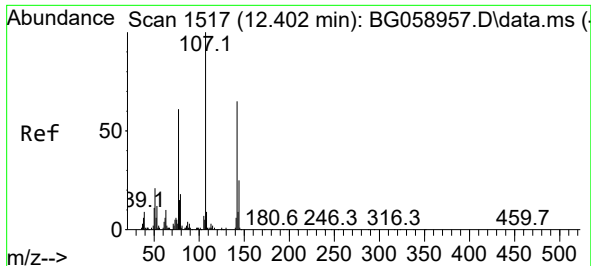
Tgt Ion:225 Resp: 26457
Ion Ratio Lower Upper
225 100
223 71.7 45.5 68.3#
227 61.7 50.2 75.4



#34
Caprolactam
Concen: 5.291 ng/ul
RT: 12.095 min Scan# 1465
Delta R.T. -0.013 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:113 Resp: 7249
Ion Ratio Lower Upper
113 100
55 162.9 140.5 210.7
56 101.7 90.4 135.6

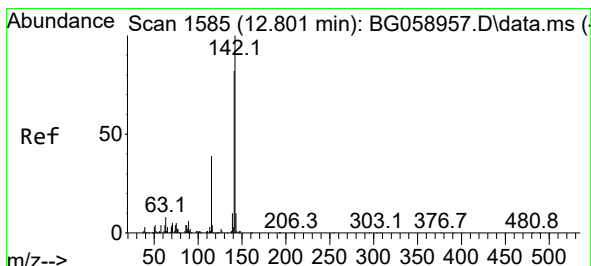
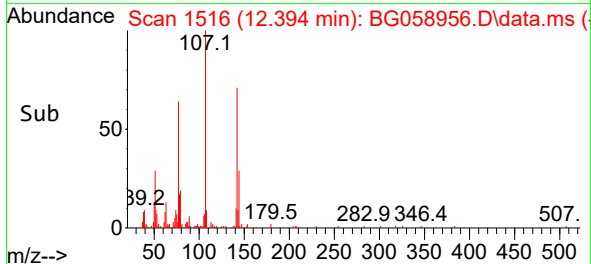
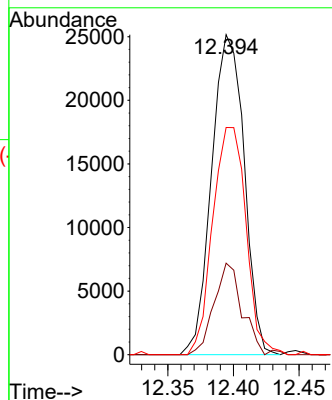
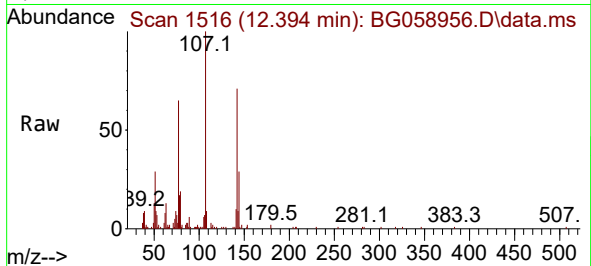




#35
4-Chloro-3-methylphenol
Concen: 8.929 ng/ul
RT: 12.394 min Scan# 1516
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

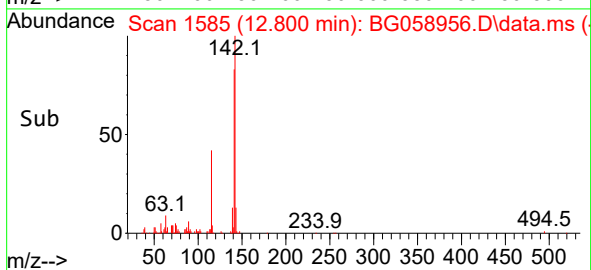
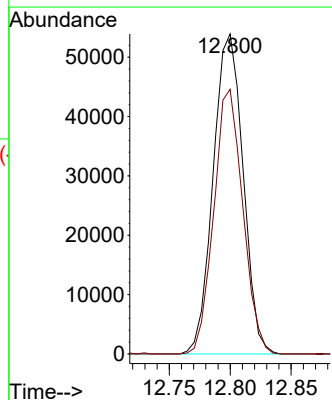
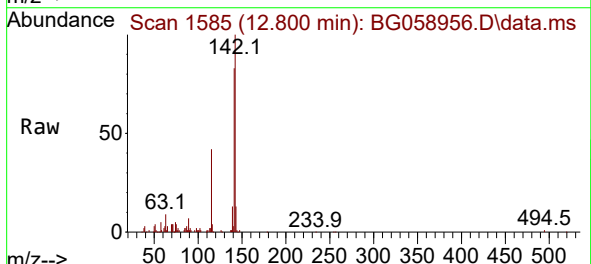
Instrument :
BNA_G
ClientSampleId :
SSTD010408

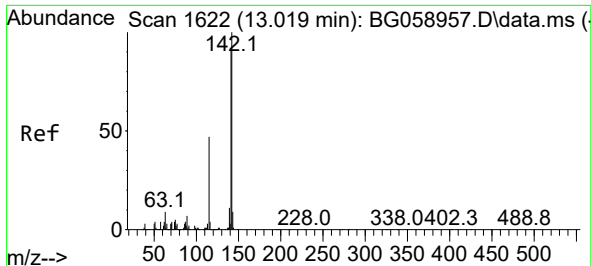
Tgt Ion:107 Resp: 43450
Ion Ratio Lower Upper
107 100
144 28.6 20.2 30.2
142 71.0 51.6 77.4



#36
2-Methylnaphthalene
Concen: 9.641 ng/ul
RT: 12.800 min Scan# 1585
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:142 Resp: 92026
Ion Ratio Lower Upper
142 100
141 82.7 65.7 98.5





#37

1-Methylnaphthalene

Concen: 9.128 ng/ul

RT: 13.017 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

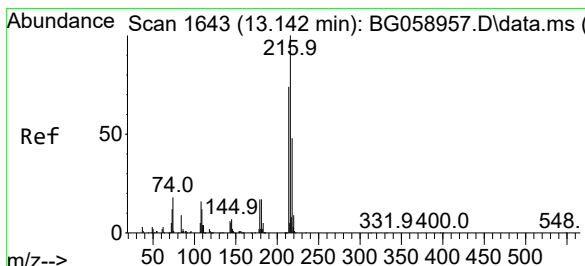
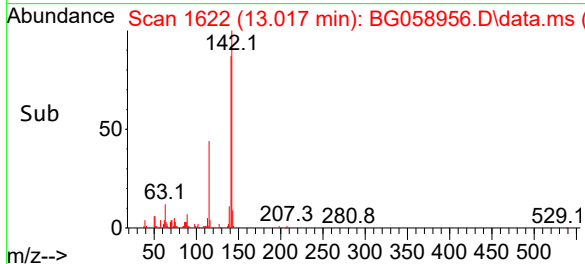
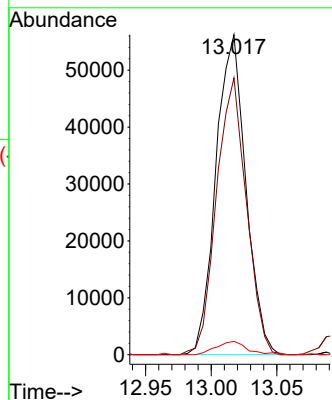
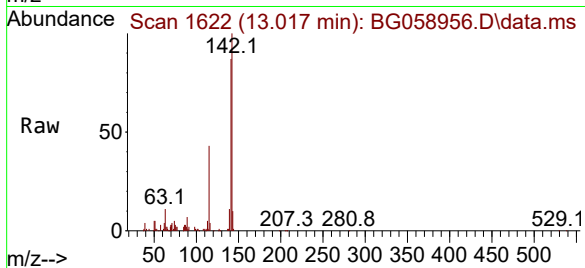
Tgt Ion:142 Resp: 89111

Ion Ratio Lower Upper

142 100

141 86.5 73.1 109.7

116 4.1 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.978 ng/ul

RT: 13.135 min Scan# 1642

Delta R.T. -0.007 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Tgt Ion:216 Resp: 52291

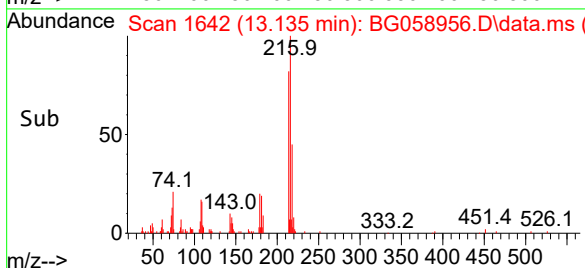
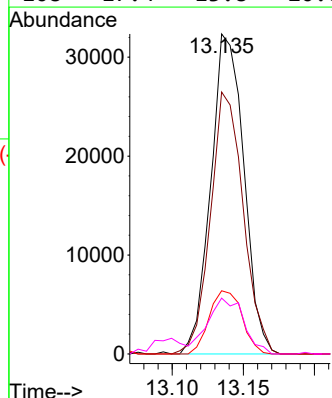
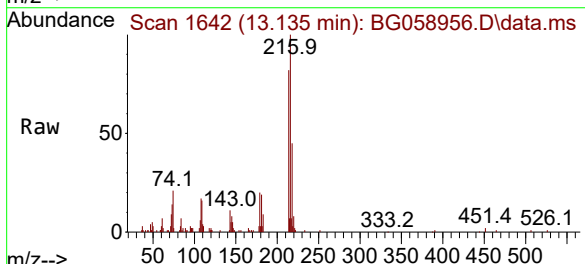
Ion Ratio Lower Upper

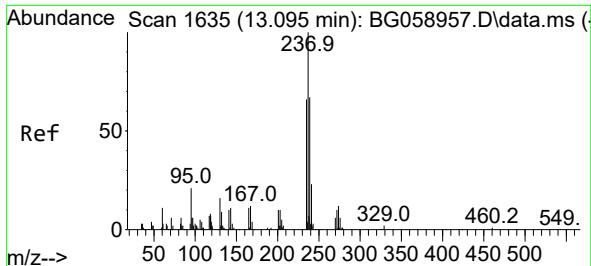
216 100

214 81.8 59.6 89.4

179 19.8 13.6 20.4

108 17.4 13.8 20.6

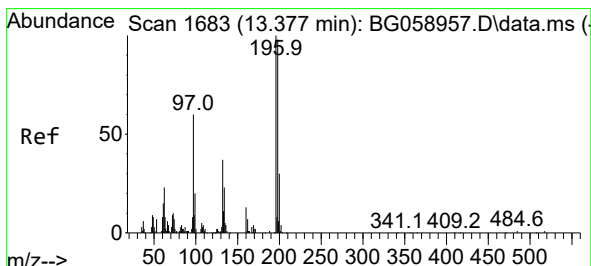
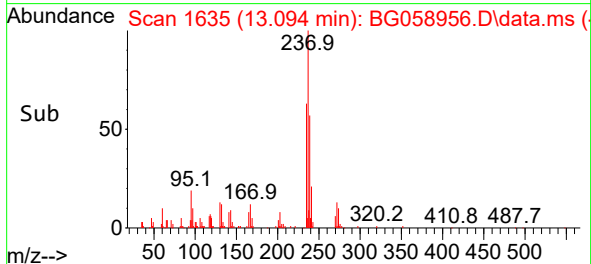
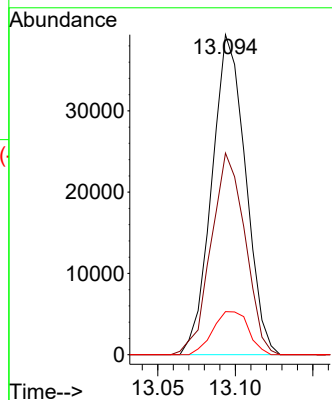
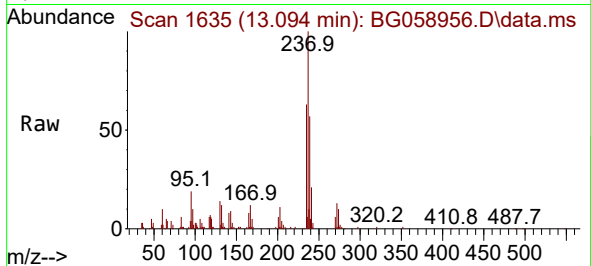




#40
Hexachlorocyclopentadiene
Concen: 12.609 ng/ul
RT: 13.094 min Scan# 1635
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

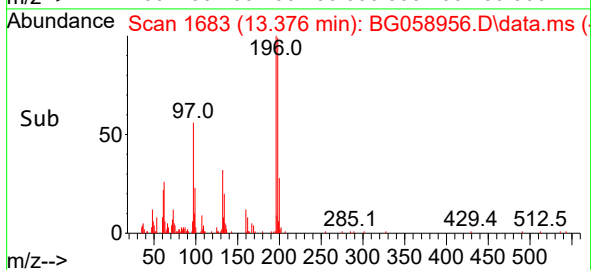
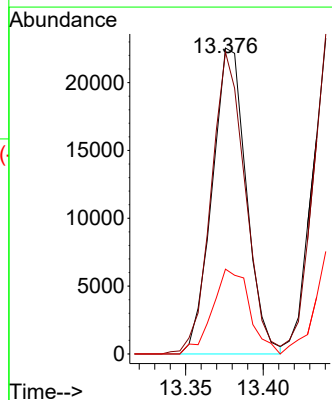
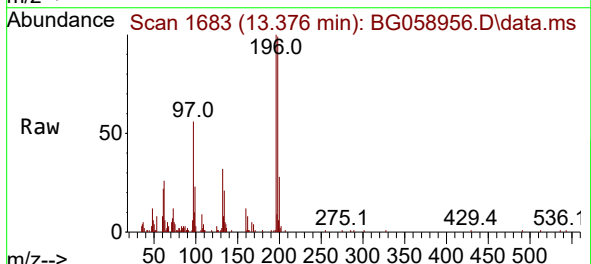
Instrument :
BNA_G
ClientSampleId :
SSTD010408

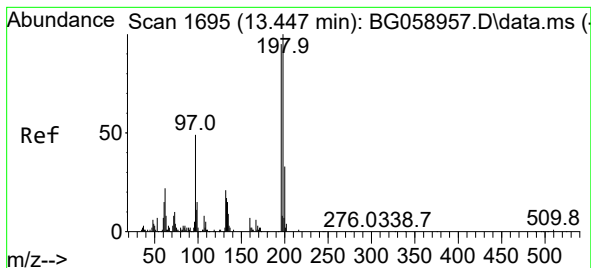
Tgt Ion:237 Resp: 59481
Ion Ratio Lower Upper
237 100
235 63.0 52.6 78.8
272 13.4 8.6 13.0#



#41
2,4,6-Trichlorophenol
Concen: 9.099 ng/ul
RT: 13.376 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:196 Resp: 34657
Ion Ratio Lower Upper
196 100
198 98.7 78.3 117.5
200 27.7 23.7 35.5

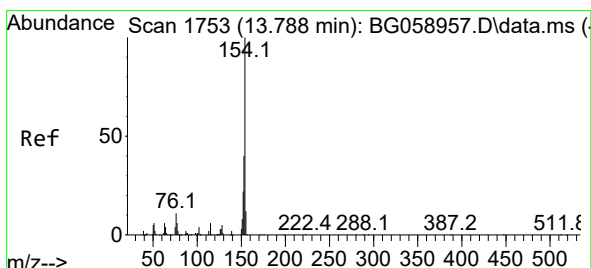
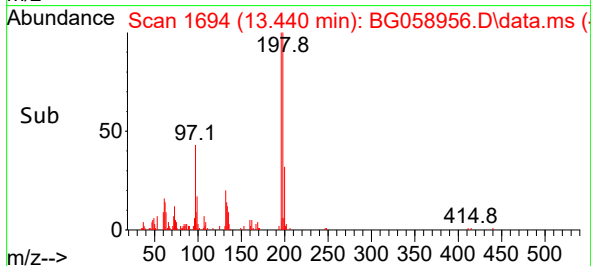
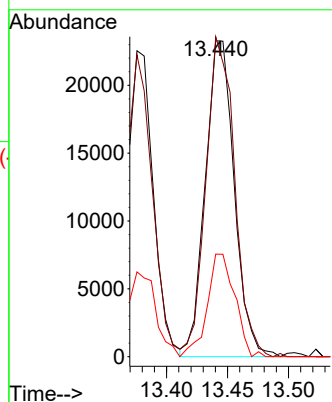
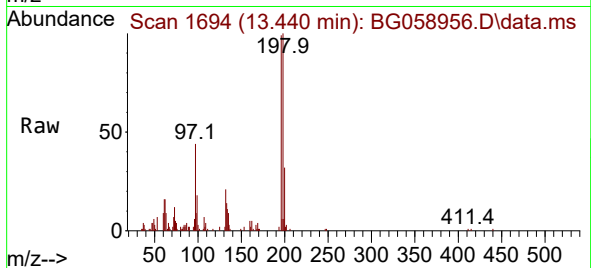




#42
2,4,5-Trichlorophenol
Concen: 9.465 ng/ul
RT: 13.440 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

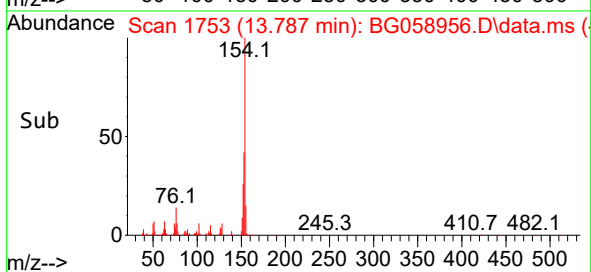
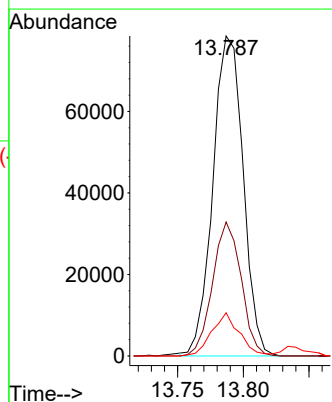
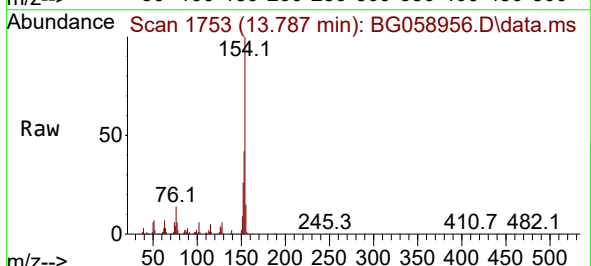
Instrument :
BNA_G
ClientSampleId :
SSTD010408

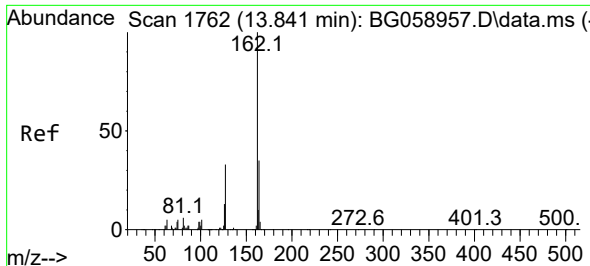
Tgt Ion:196 Resp: 38655
Ion Ratio Lower Upper
196 100
198 101.3 84.8 127.2
200 32.5 27.7 41.5



#43
1,1'-Biphenyl
Concen: 10.523 ng/ul
RT: 13.787 min Scan# 1753
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:154 Resp: 125783
Ion Ratio Lower Upper
154 100
153 41.9 31.6 47.4
76 13.5 9.0 13.4#

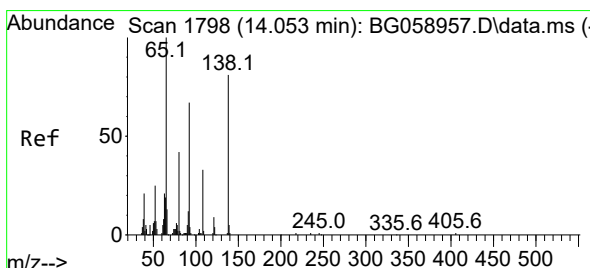
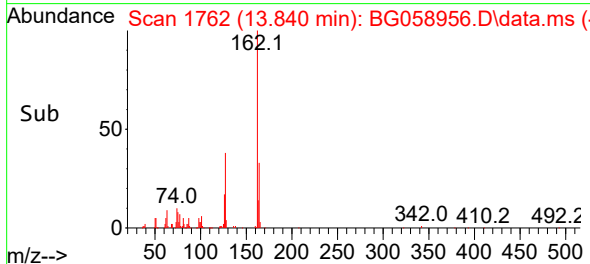
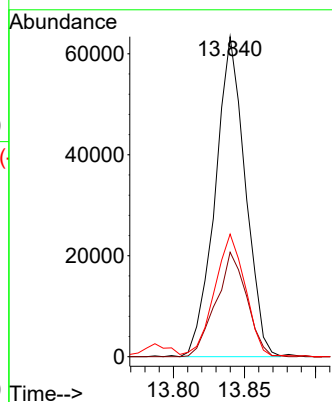
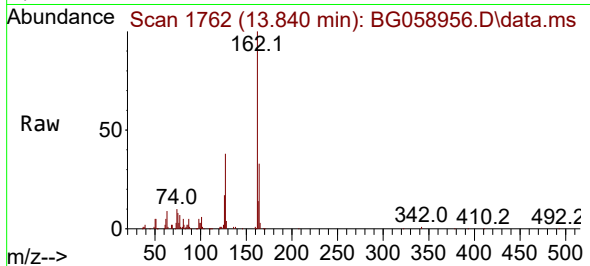




#44
2-Chloronaphthalene
Concen: 9.802 ng/ul
RT: 13.840 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

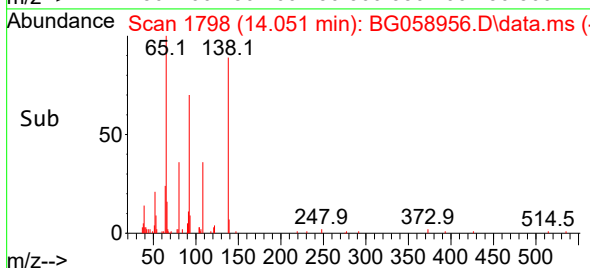
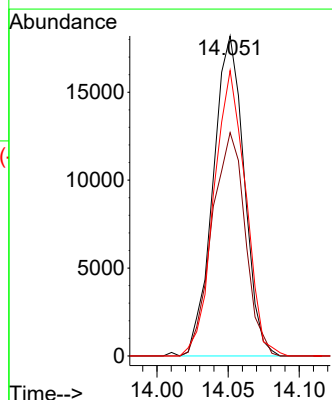
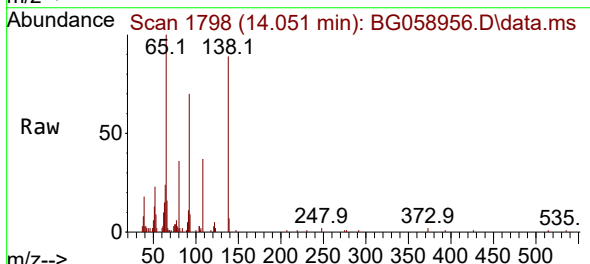
Instrument :
BNA_G
ClientSampleId :
SSTD010408

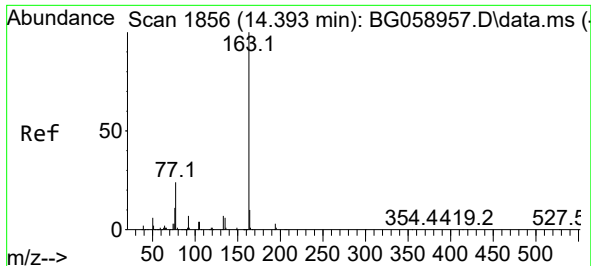
Tgt Ion:162 Resp: 93439
Ion Ratio Lower Upper
162 100
164 32.7 27.6 41.4
127 38.3 29.4 44.0



#45
2-Nitroaniline
Concen: 13.115 ng/ul
RT: 14.051 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion: 65 Resp: 27644
Ion Ratio Lower Upper
65 100
92 69.8 54.0 81.0
138 89.2 64.8 97.2

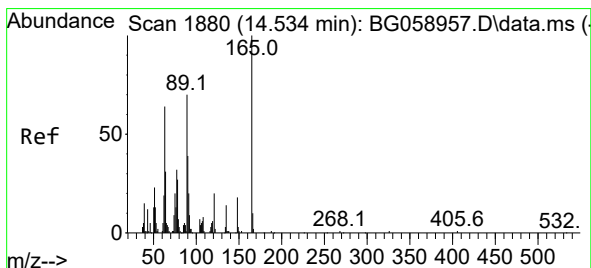
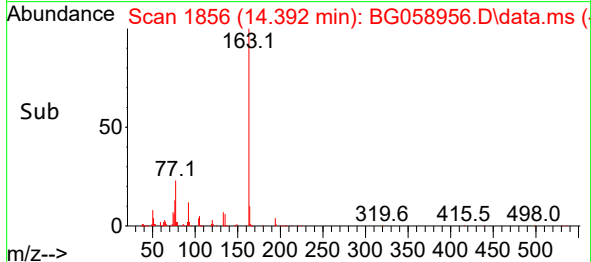
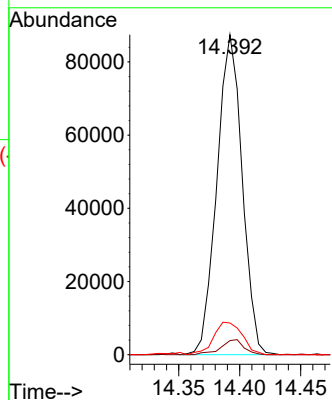
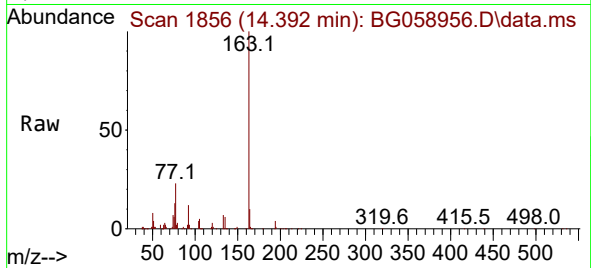




#47
Dimethylphthalate
Concen: 9.167 ng/ul
RT: 14.392 min Scan# 1856
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

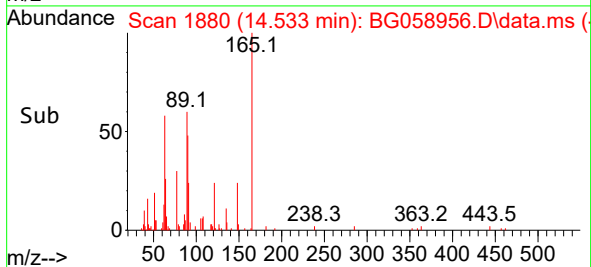
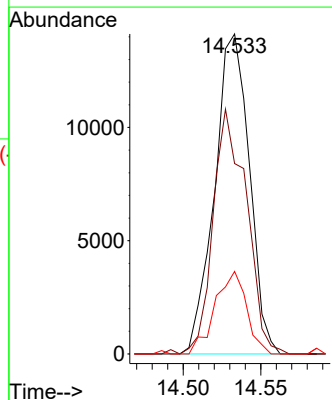
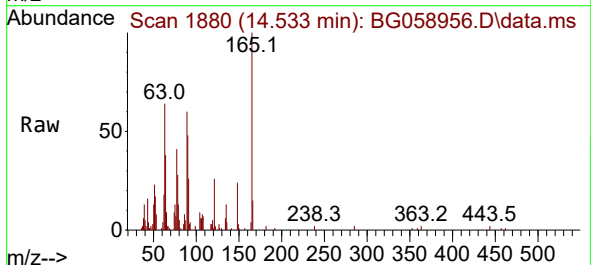
Instrument :
BNA_G
ClientSampleId :
SSTD010408

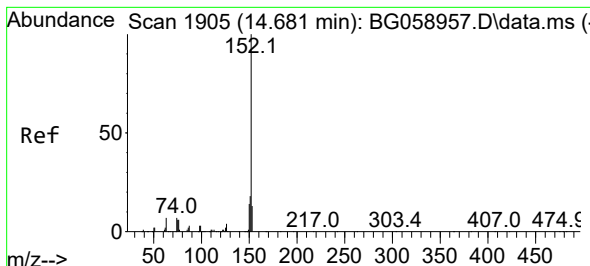
Tgt Ion:163 Resp: 126381
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 11.250 ng/ul
RT: 14.533 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:165 Resp: 22014
Ion Ratio Lower Upper
165 100
89 59.5 55.8 83.6
121 25.8 16.3 24.5#





#50

Acenaphthylene

Concen: 9.945 ng/ul

RT: 14.680 min Scan# 1905

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

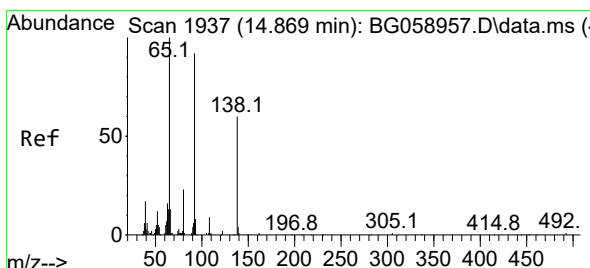
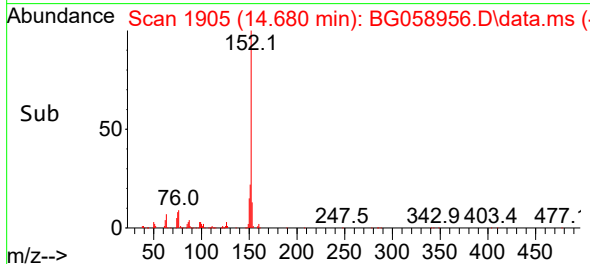
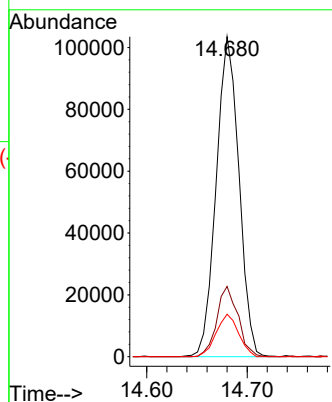
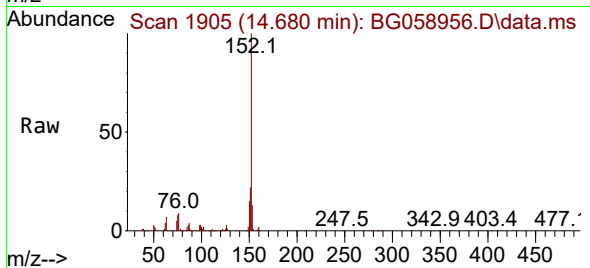
Tgt Ion:152 Resp: 162660

Ion Ratio Lower Upper

152 100

151 22.0 14.6 21.8#

153 13.2 10.4 15.6



#51

3-Nitroaniline

Concen: 11.279 ng/ul

RT: 14.868 min Scan# 1937

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

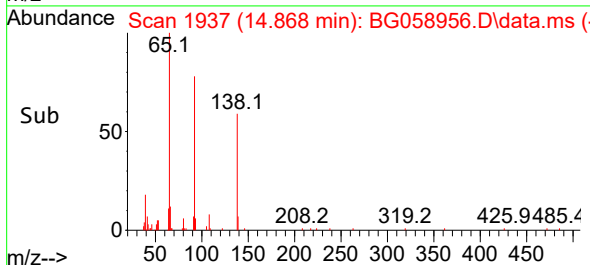
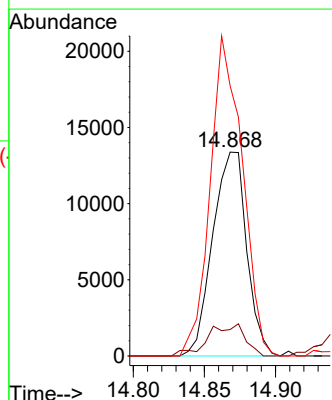
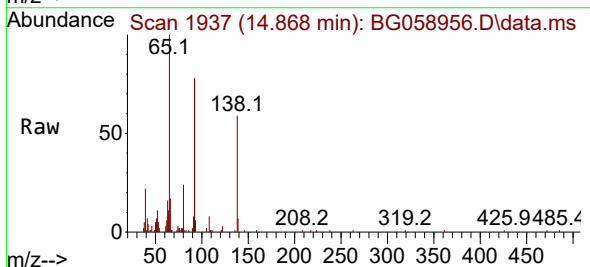
Tgt Ion:138 Resp: 22241

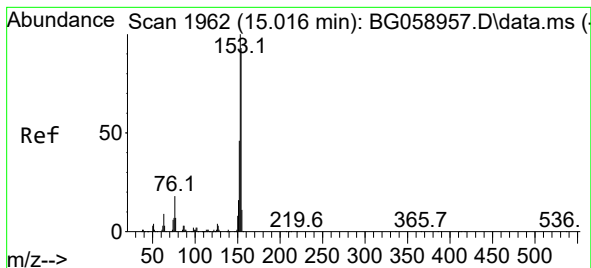
Ion Ratio Lower Upper

138 100

108 12.9 11.8 17.6

92 132.5 122.2 183.2





#52

Acenaphthene

Concen: 10.048 ng/ul

RT: 15.009 min Scan# 1961

Delta R.T. -0.007 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

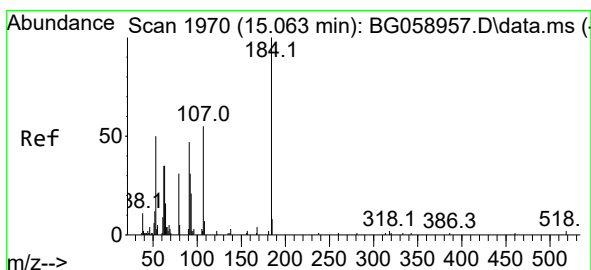
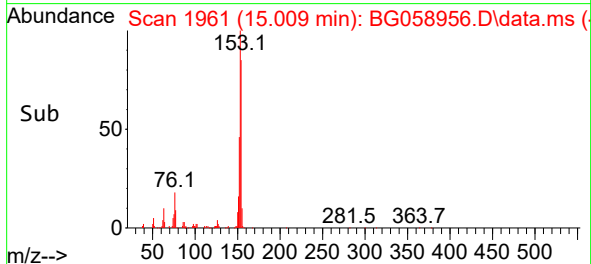
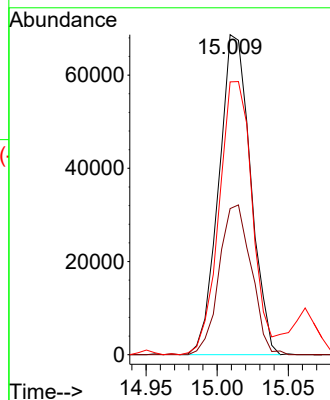
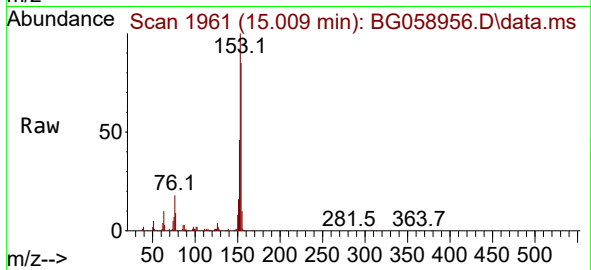
Tgt Ion:153 Resp: 107001

Ion Ratio Lower Upper

153 100

152 45.6 36.5 54.7

154 85.3 74.1 111.1



#53

2,4-Dinitrophenol

Concen: 12.952 ng/ul

RT: 15.062 min Scan# 1970

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

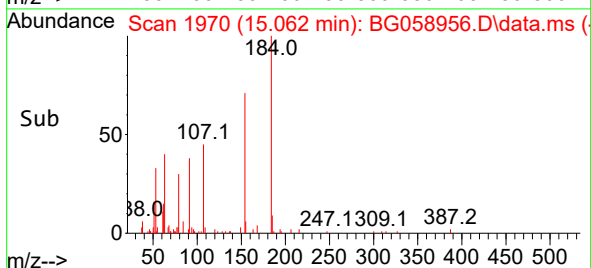
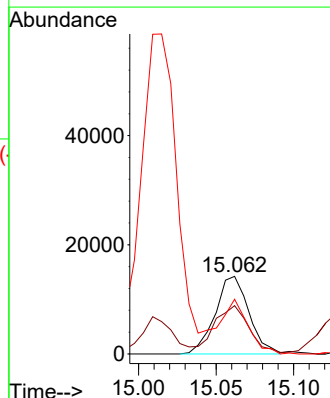
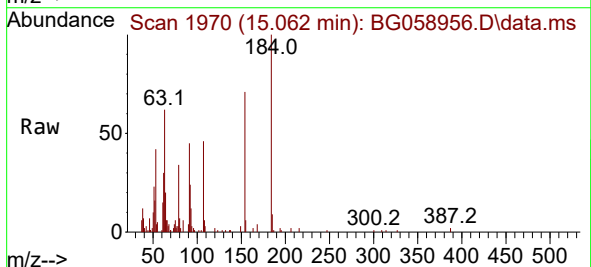
Tgt Ion:184 Resp: 21440

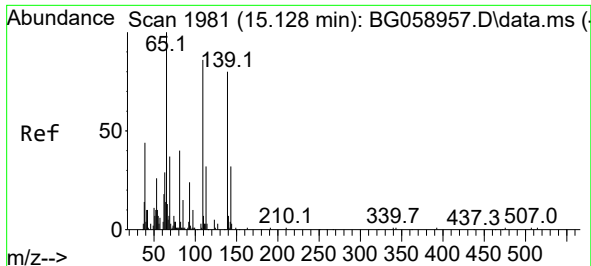
Ion Ratio Lower Upper

184 100

63 62.2 57.7 86.5

154 70.5 60.7 91.1

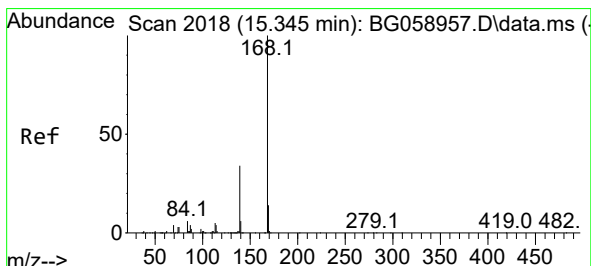
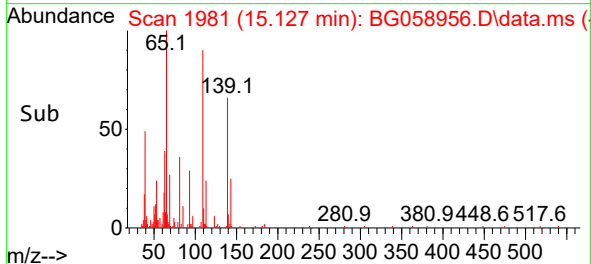
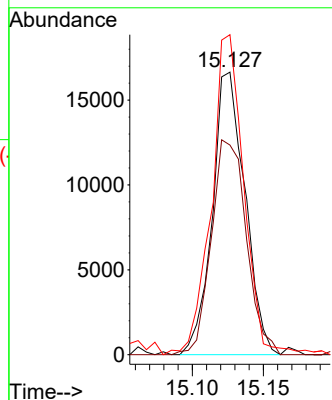
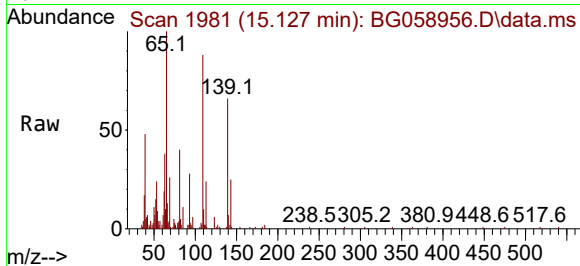




#55
4-Nitrophenol
Concen: 11.833 ng/ul
RT: 15.127 min Scan# 1981
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

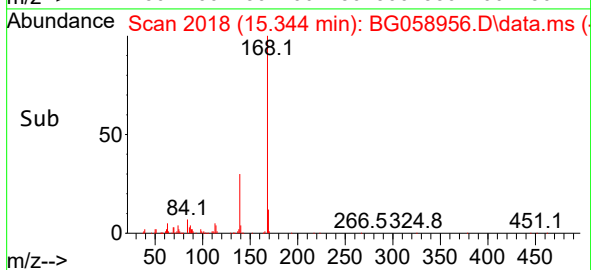
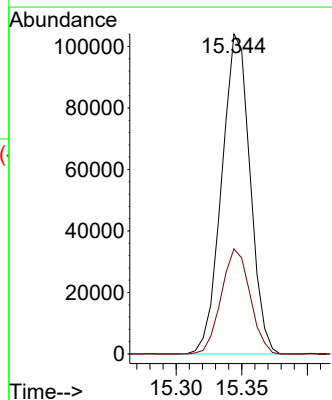
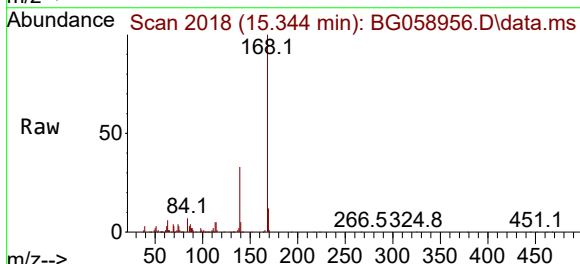
Instrument :
BNA_G
ClientSampleId :
SSTD010408

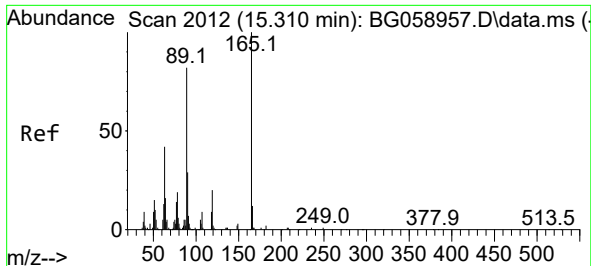
Tgt Ion:109 Resp: 26516
Ion Ratio Lower Upper
109 100
139 74.2 74.3 111.5#
65 113.3 93.4 140.0



#56
Dibenzofuran
Concen: 9.826 ng/ul
RT: 15.344 min Scan# 2018
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:168 Resp: 156218
Ion Ratio Lower Upper
168 100
139 32.9 27.4 41.2

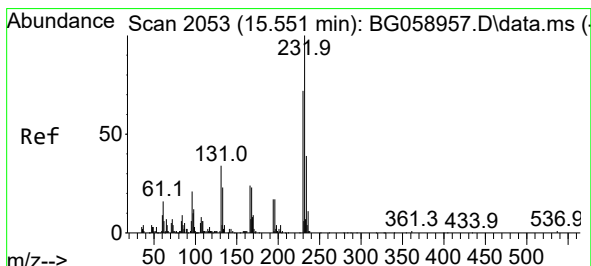
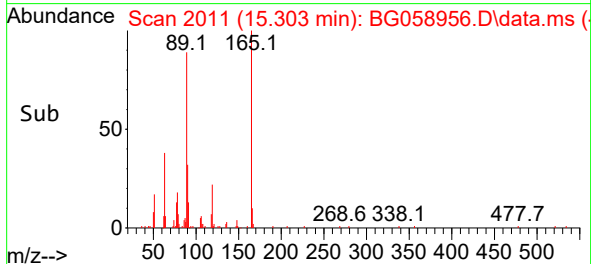
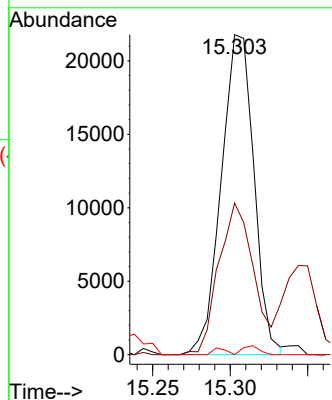
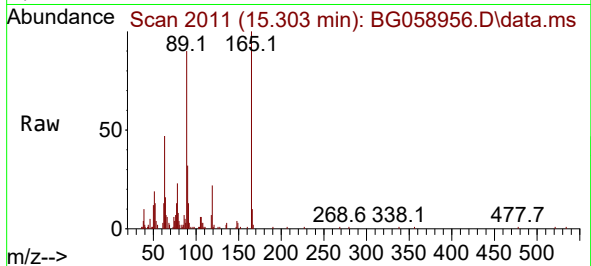




#57
2,4-Dinitrotoluene
Concen: 11.292 ng/ul
RT: 15.303 min Scan# 2011
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

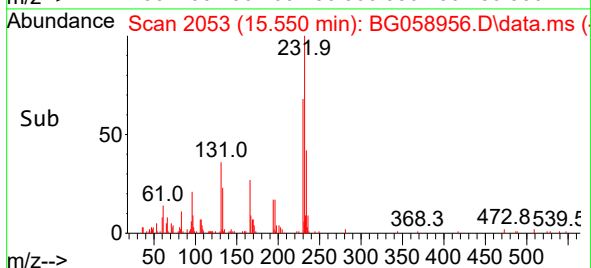
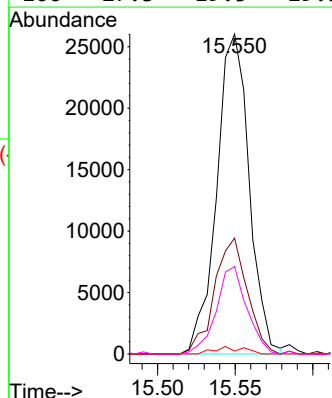
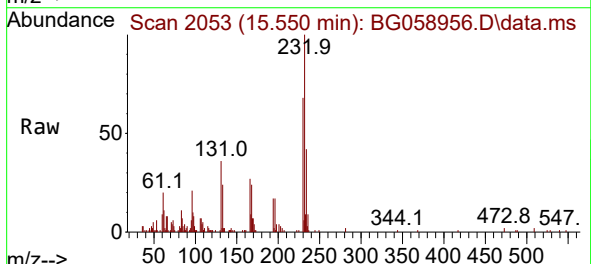
Instrument :
BNA_G
ClientSampleId :
SSTD010408

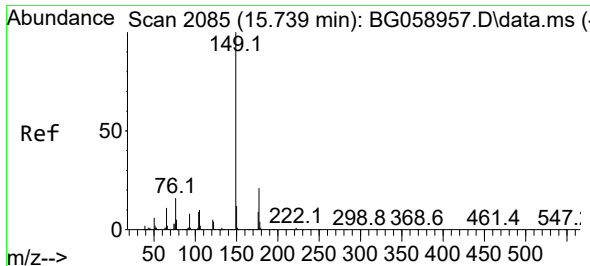
Tgt Ion:165 Resp: 31877
Ion Ratio Lower Upper
165 100
63 47.4 33.3 49.9
182 0.0 1.4 2.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 8.780 ng/ul
RT: 15.550 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:232 Resp: 37883
Ion Ratio Lower Upper
232 100
131 36.2 27.1 40.7
130 0.9 0.7 1.1
166 27.3 19.5 29.3

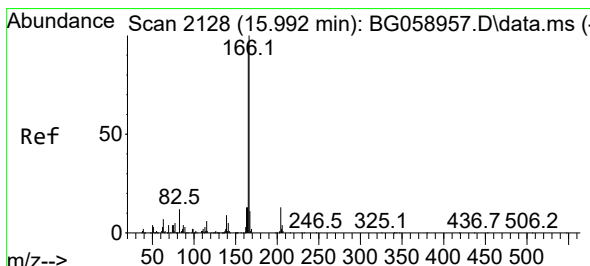
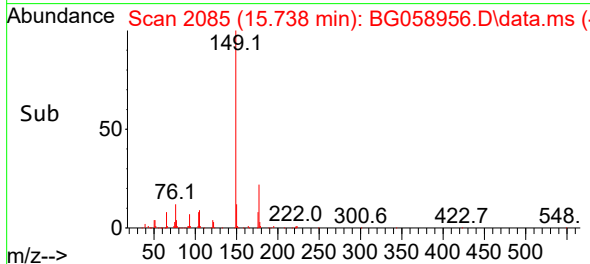
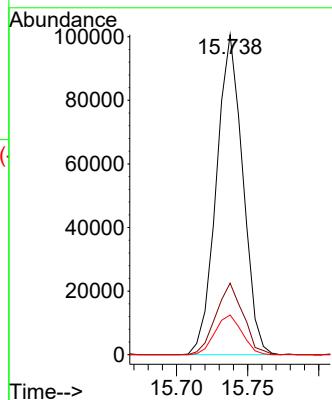
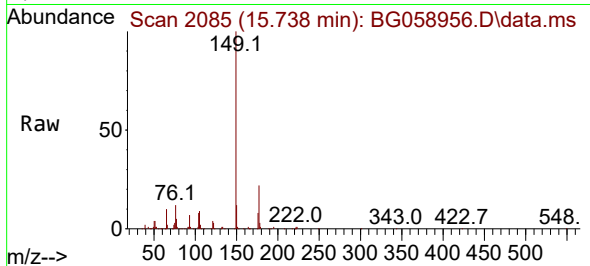




#59
Diethylphthalate
Concen: 10.495 ng/ul
RT: 15.738 min Scan# 2085
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

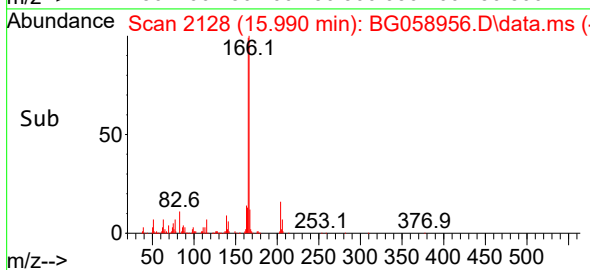
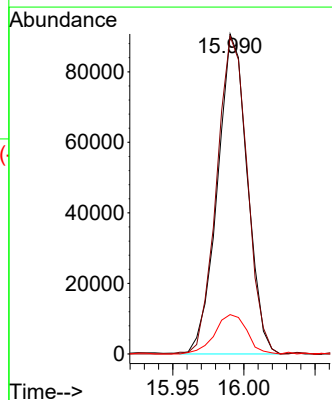
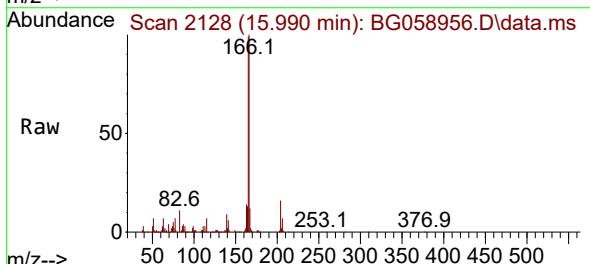
Instrument :
BNA_G
ClientSampleId :
SSTD010408

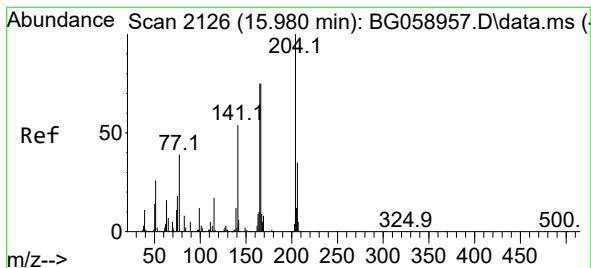
Tgt Ion:149 Resp: 130051
Ion Ratio Lower Upper
149 100
177 22.4 16.9 25.3
150 12.4 9.7 14.5



#61
Fluorene
Concen: 9.803 ng/ul
RT: 15.990 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:166 Resp: 132313
Ion Ratio Lower Upper
166 100
165 99.3 76.4 114.6
167 12.3 9.3 13.9

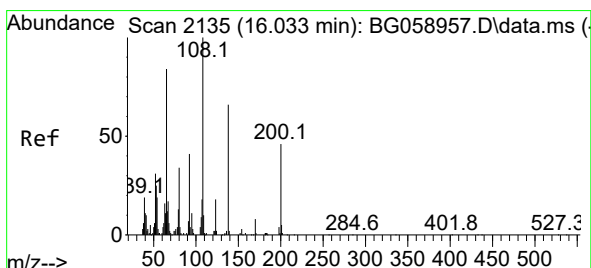
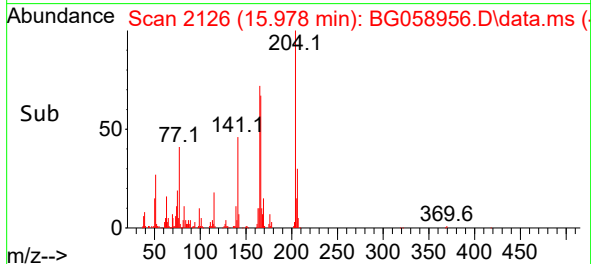
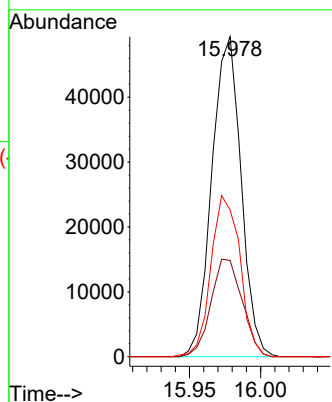
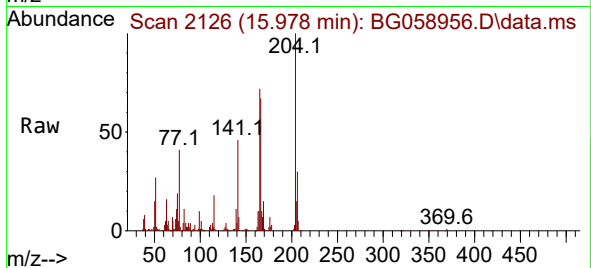




#62
4-Chlorophenyl-phenylether
Concen: 8.700 ng/ul
RT: 15.978 min Scan# 2126
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

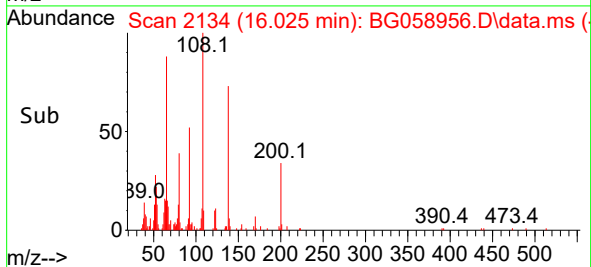
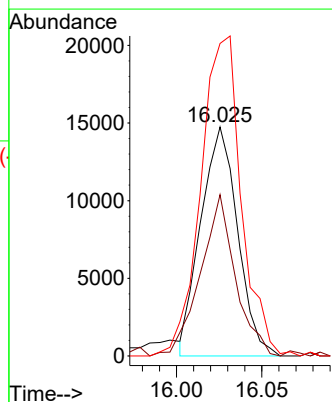
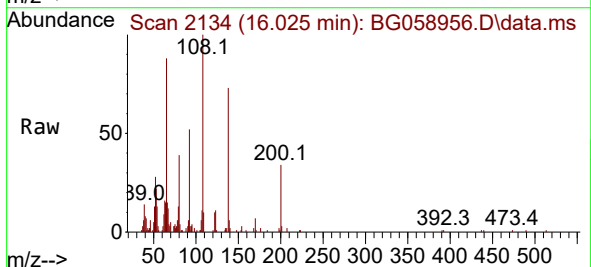
Instrument :
BNA_G
ClientSampleId :
SSTD010408

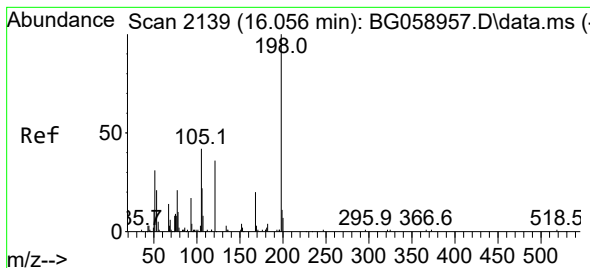
Tgt Ion:204 Resp: 70444
Ion Ratio Lower Upper
204 100
206 30.1 27.7 41.5
141 45.8 43.2 64.8



#63
4-Nitroaniline
Concen: 12.064 ng/ul
RT: 16.025 min Scan# 2134
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:138 Resp: 22134
Ion Ratio Lower Upper
138 100
92 70.5 49.9 74.9
108 136.5 121.4 182.2

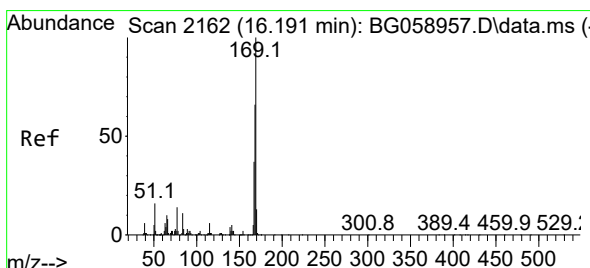
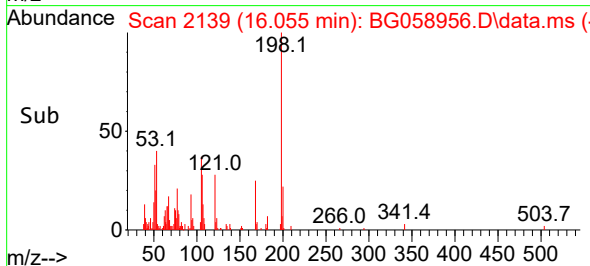
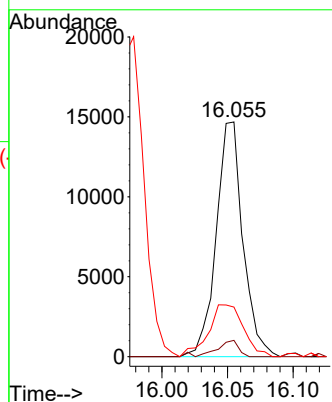
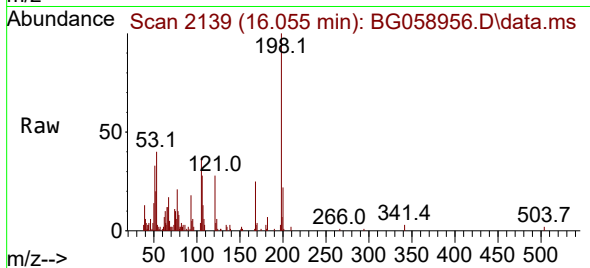




#66
4,6-Dinitro-2-methylphenol
Concen: 9.453 ng/ul
RT: 16.055 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

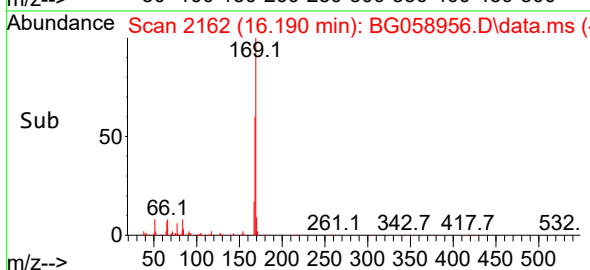
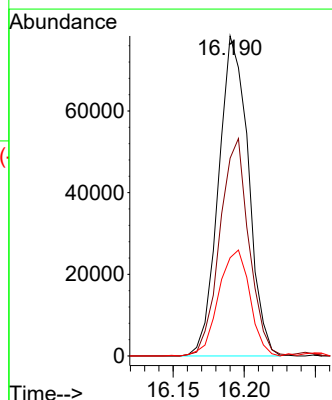
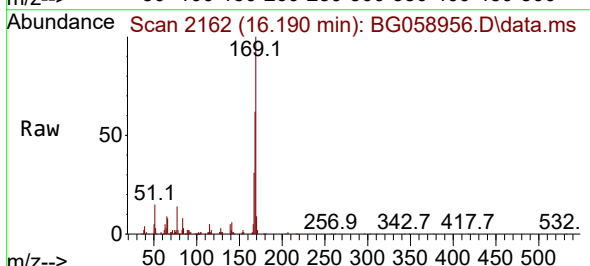
Instrument :
BNA_G
ClientSampleId :
SSTD010408

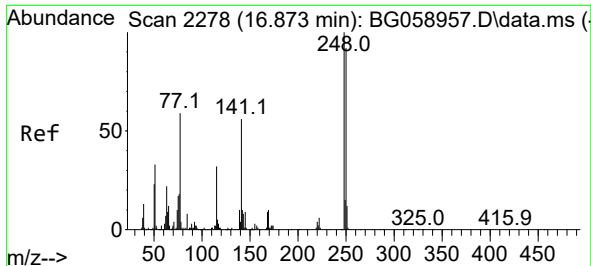
Tgt Ion:198 Resp: 20786
Ion Ratio Lower Upper
198 100
182 6.9 3.0 4.6#
77 21.2 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 10.097 ng/ul
RT: 16.190 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:169 Resp: 114238
Ion Ratio Lower Upper
169 100
168 61.8 53.0 79.6
167 30.7 29.8 44.6

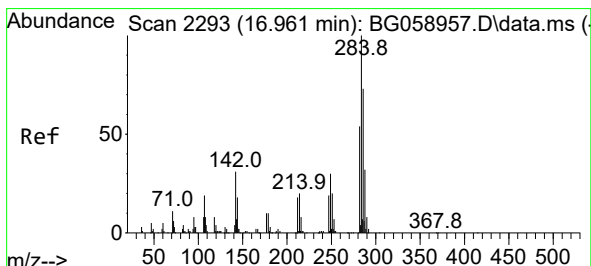
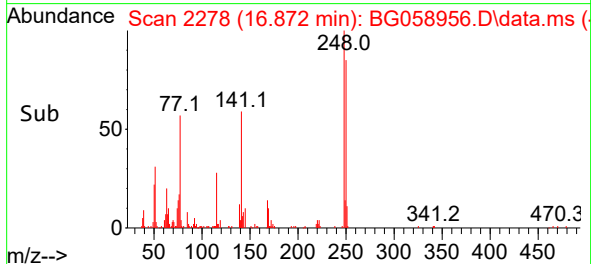
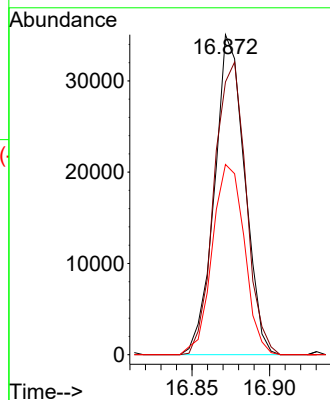
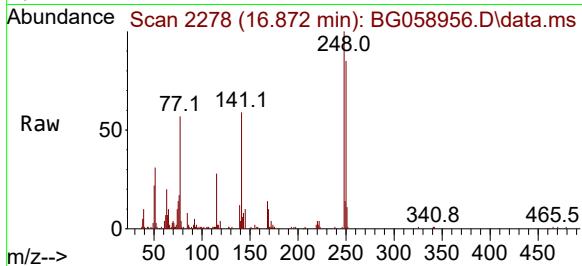




#68
4-Bromophenyl-phenylether
Concen: 8.484 ng/ul
RT: 16.872 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

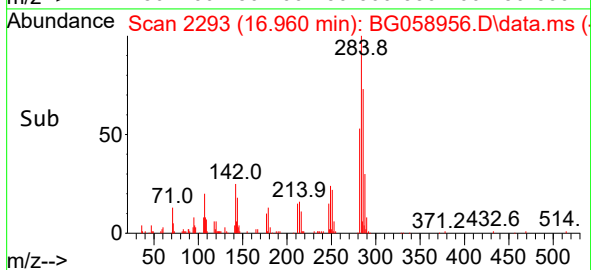
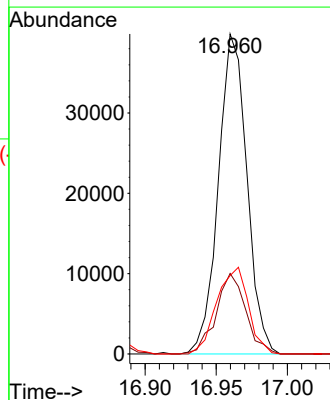
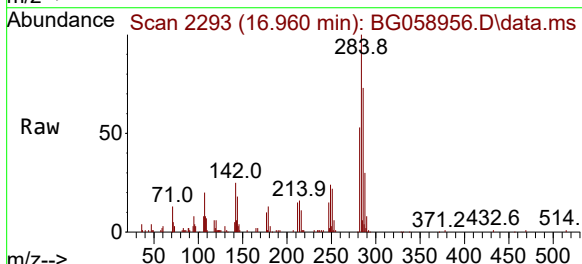
Instrument :
BNA_G
ClientSampleId :
SSTD010408

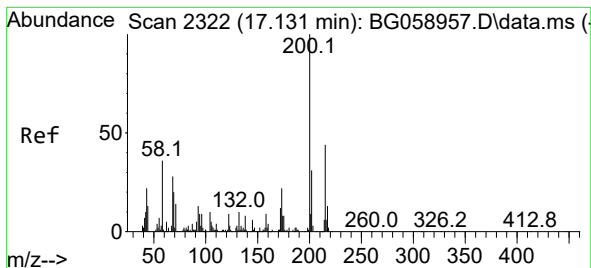
Tgt Ion	Ratio	Lower	Upper
248	100		
250	85.3	73.9	110.9
141	59.4	45.4	68.0



#69
Hexachlorobenzene
Concen: 8.634 ng/ul
RT: 16.960 min Scan# 2293
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	24.6	37.0
249	24.5	24.3	36.5





#70

Atrazine

Concen: 11.359 ng/ul

RT: 17.124 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

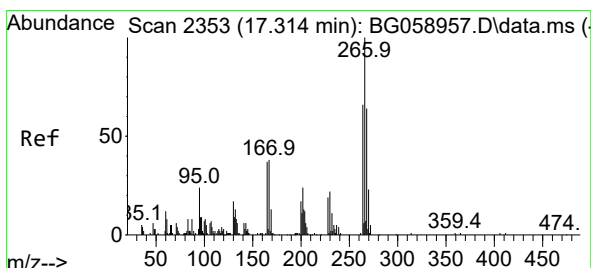
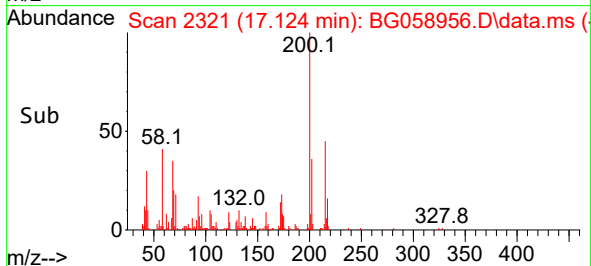
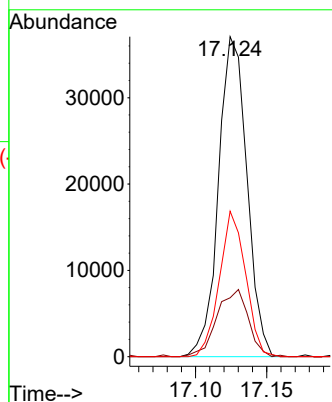
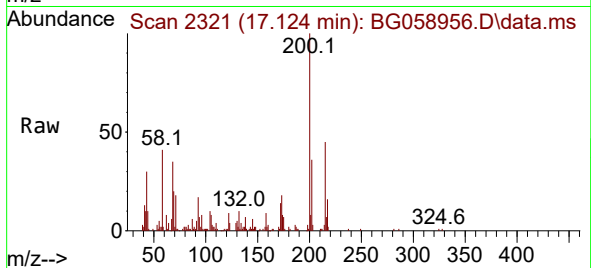
Tgt Ion:200 Resp: 51598

Ion Ratio Lower Upper

200 100

173 18.4 17.4 26.2

215 45.5 35.4 53.0



#71

Pentachlorophenol

Concen: 8.665 ng/ul

RT: 17.312 min Scan# 2353

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

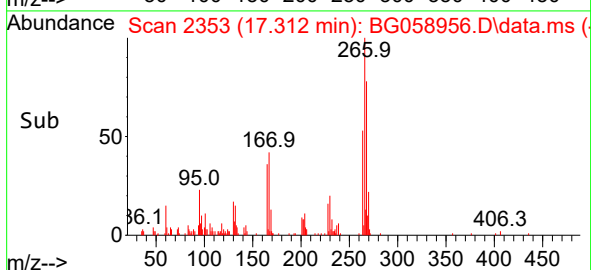
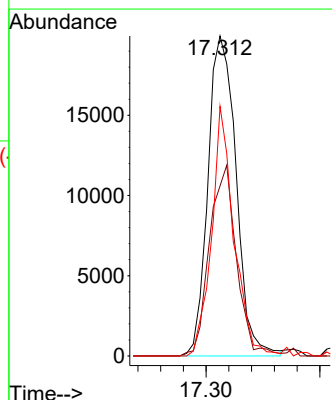
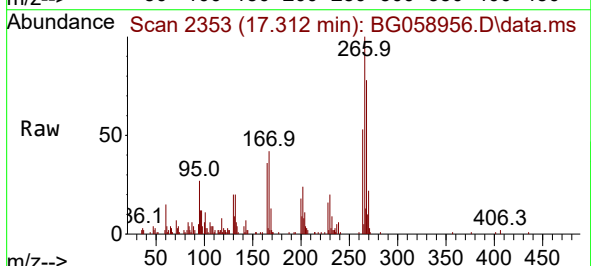
Tgt Ion:266 Resp: 34306

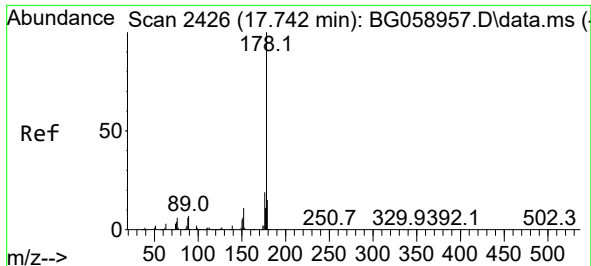
Ion Ratio Lower Upper

266 100

264 53.1 53.1 79.7

268 78.0 51.6 77.4#

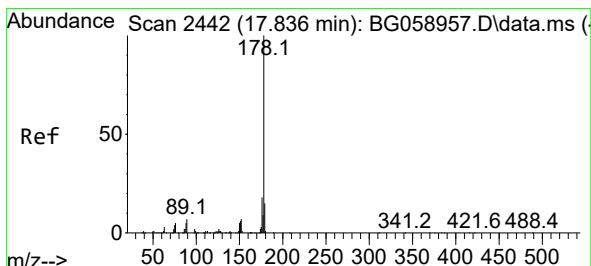
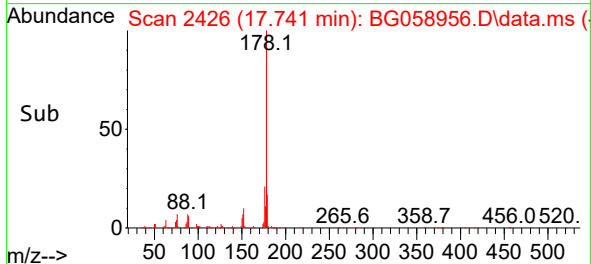
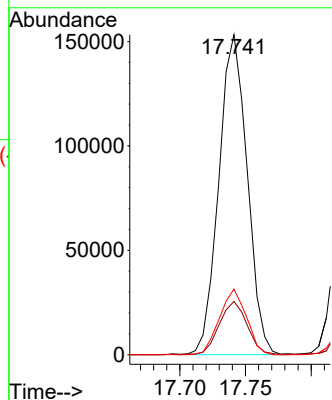
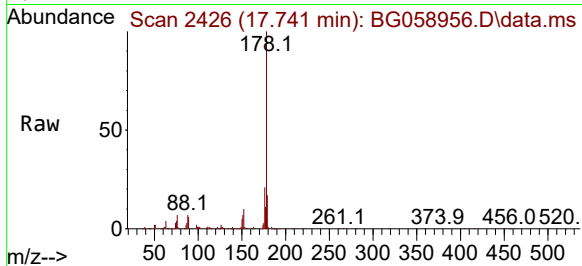




#72
Phenanthrene
Concen: 10.317 ng/ul
RT: 17.741 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

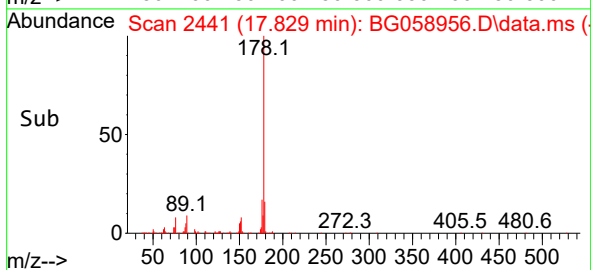
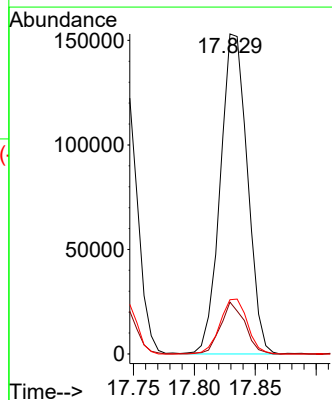
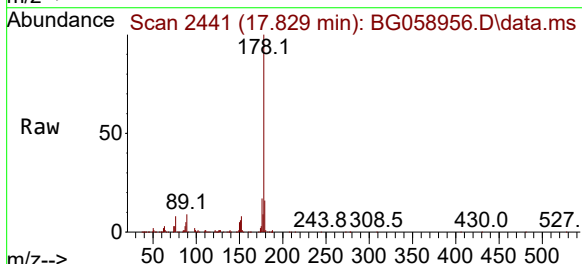
Instrument :
BNA_G
ClientSampleId :
SSTD010408

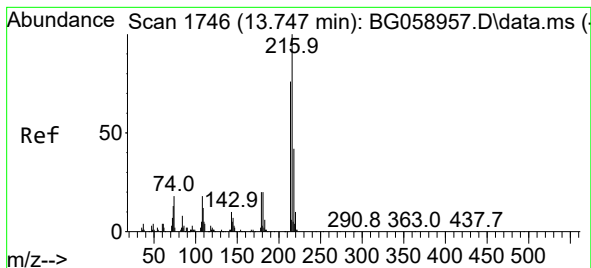
Tgt Ion:178 Resp: 230436
Ion Ratio Lower Upper
178 100
179 16.7 11.8 17.8
176 20.5 15.1 22.7



#74
Anthracene
Concen: 10.401 ng/ul
RT: 17.829 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:178 Resp: 237183
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 17.0 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 8.623 ng/uL

RT: 13.746 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

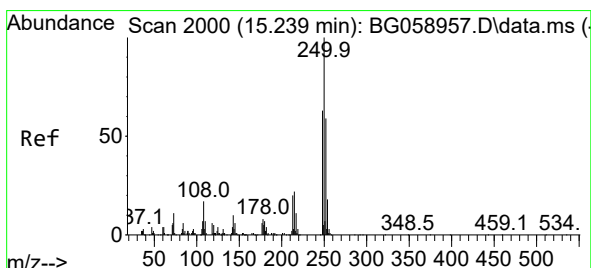
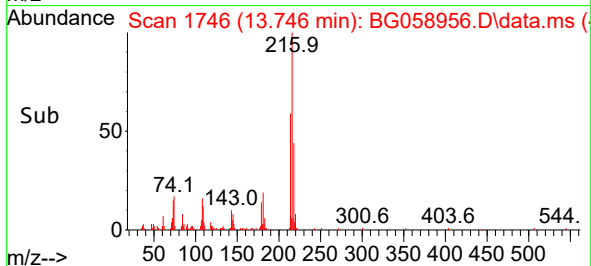
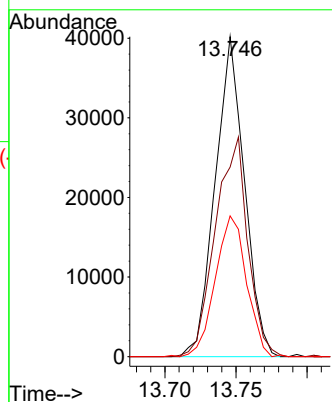
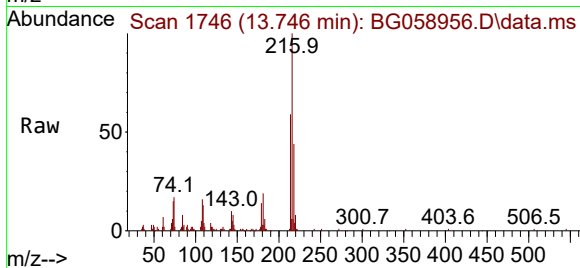
Tgt Ion:216 Resp: 57606

Ion Ratio Lower Upper

216 100

214 59.2 60.6 91.0#

218 44.0 33.6 50.4



#76

Pentachlorobenzene

Concen: 8.414 ng/uL

RT: 15.238 min Scan# 2000

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

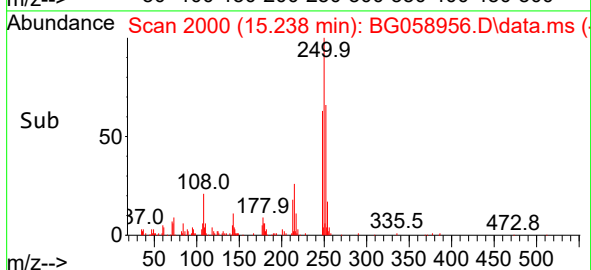
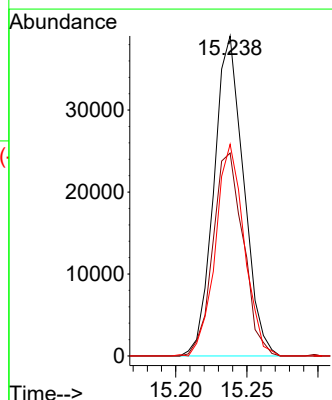
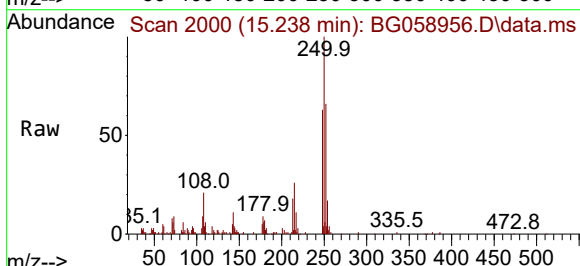
Tgt Ion:250 Resp: 56653

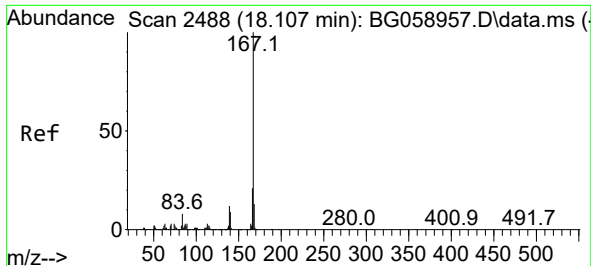
Ion Ratio Lower Upper

250 100

248 63.4 50.3 75.5

252 66.1 47.6 71.4

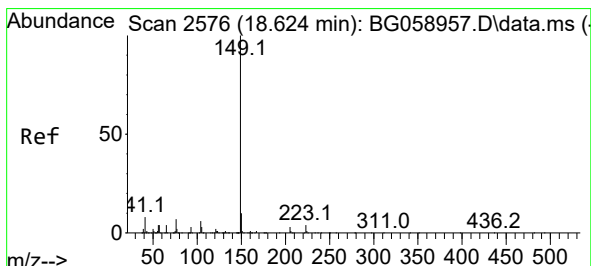
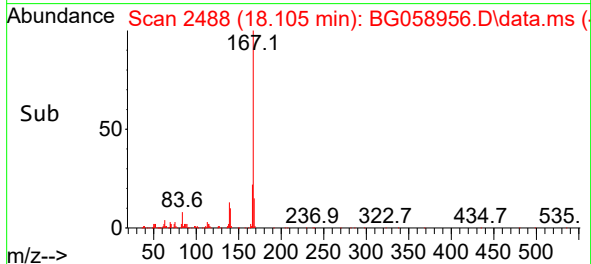
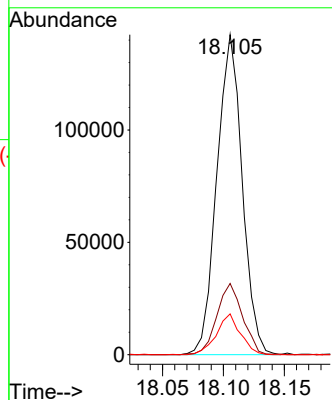
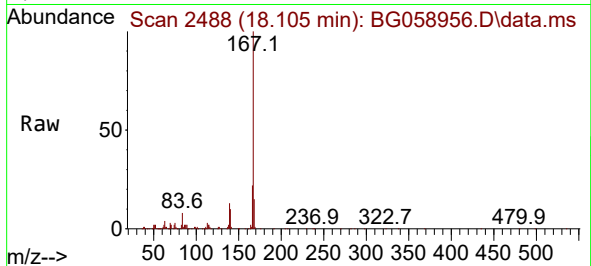




#77
 Carbazole
 Concen: 11.913 ng/ul
 RT: 18.105 min Scan# 2488
 Delta R.T. -0.001 min
 Lab File: BG058956.D
 Acq: 10 Sep 2023 17:29

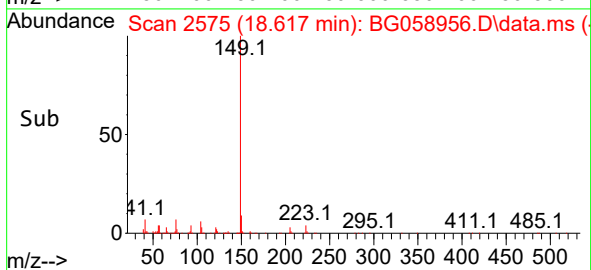
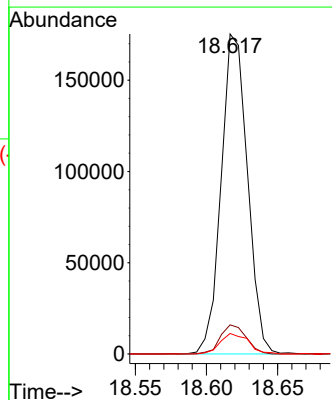
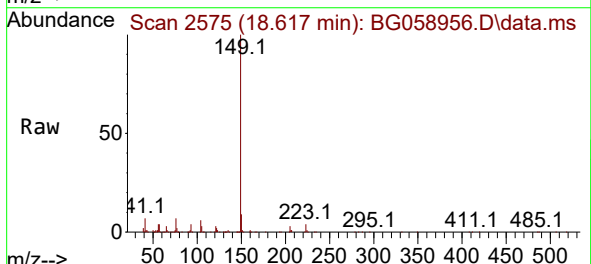
Instrument :
 BNA_G
 ClientSampleId :
 SSTD010408

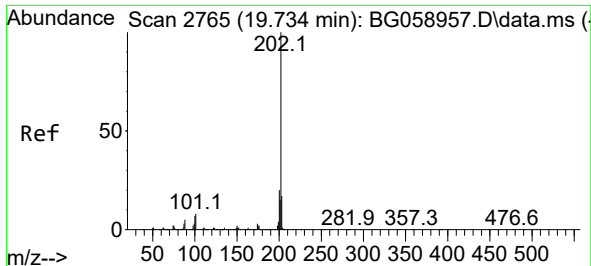
Tgt Ion:167 Resp: 206201
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.8 25.2
 139 12.8 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 14.512 ng/ul
 RT: 18.617 min Scan# 2575
 Delta R.T. -0.007 min
 Lab File: BG058956.D
 Acq: 10 Sep 2023 17:29

Tgt Ion:149 Resp: 225807
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 6.4 4.6 6.8

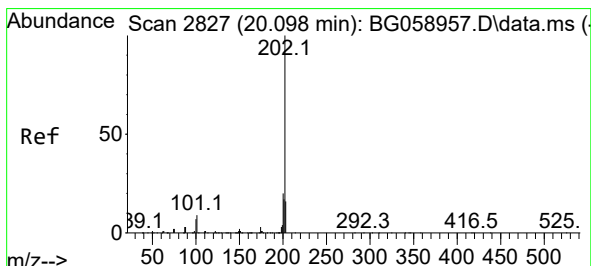
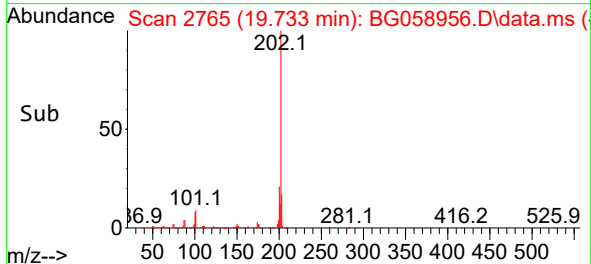
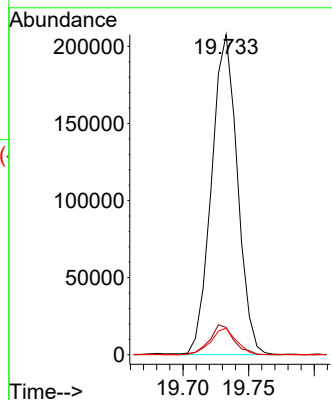
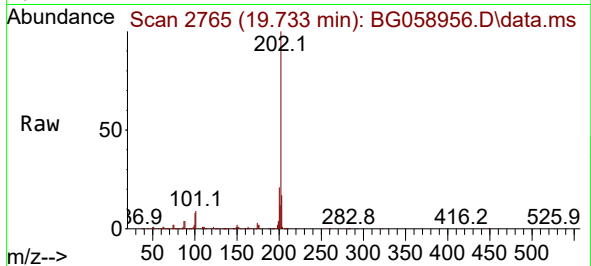




#80
Fluoranthene
Concen: 8.441 ng/ul
RT: 19.733 min Scan# 2765
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

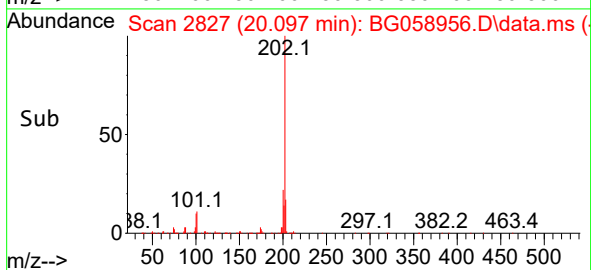
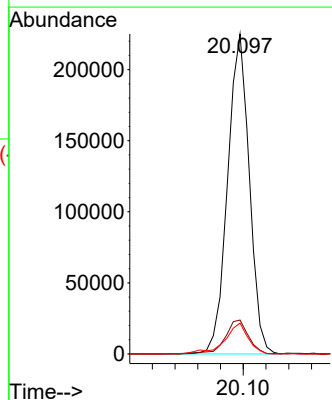
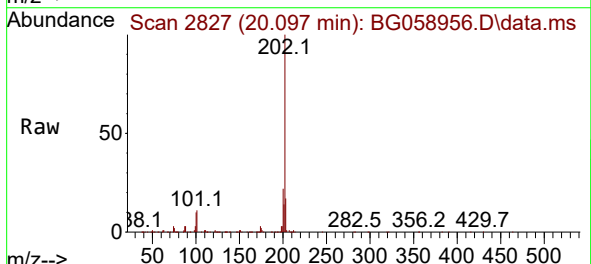
Instrument :
BNA_G
ClientSampleId :
SSTD010408

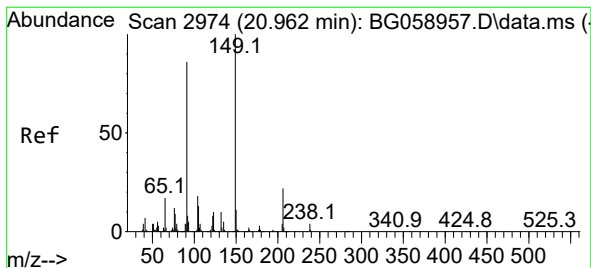
Tgt Ion:202 Resp: 285195
Ion Ratio Lower Upper
202 100
101 8.5 6.1 9.1
100 8.3 5.9 8.9



#82
Pyrene
Concen: 8.810 ng/ul
RT: 20.097 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:202 Resp: 298184
Ion Ratio Lower Upper
202 100
101 10.6 7.5 11.3
100 9.7 6.3 9.5#





#83

Butylbenzylphthalate

Concen: 15.207 ng/ul

RT: 20.961 min Scan# 2974

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

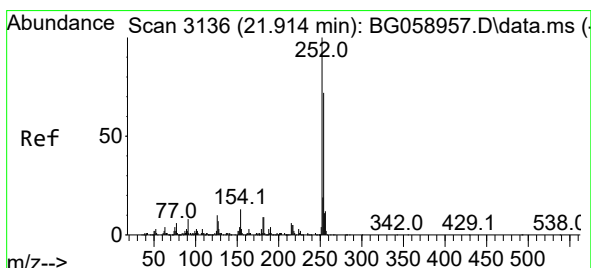
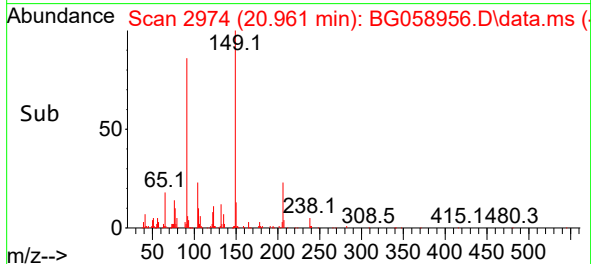
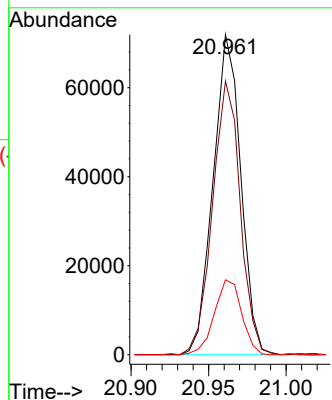
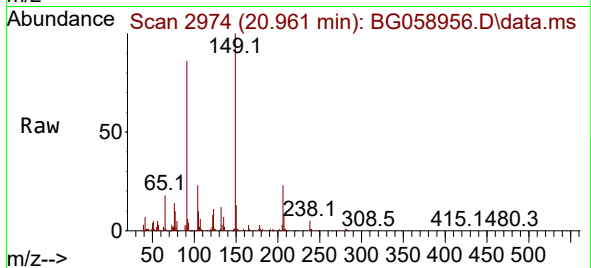
Tgt Ion:149 Resp: 89241

Ion Ratio Lower Upper

149 100

91 85.5 68.7 103.1

206 23.4 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 10.225 ng/ul

RT: 21.913 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

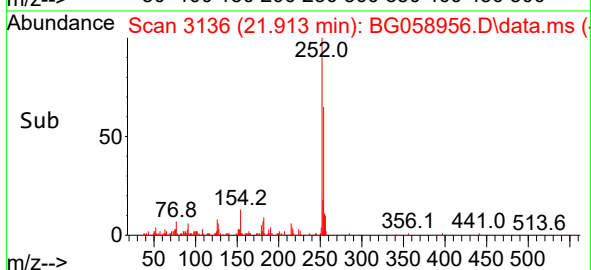
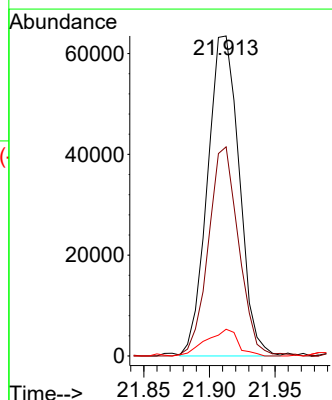
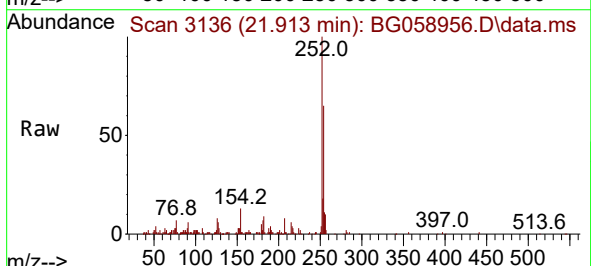
Tgt Ion:252 Resp: 107061

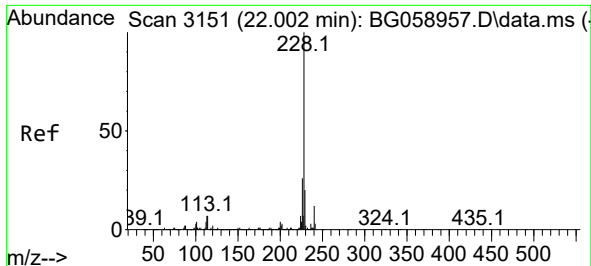
Ion Ratio Lower Upper

252 100

254 65.4 57.6 86.4

126 8.4 7.8 11.8

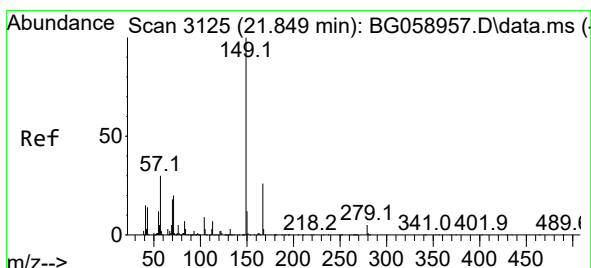
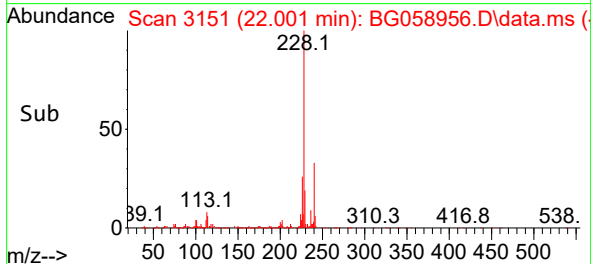
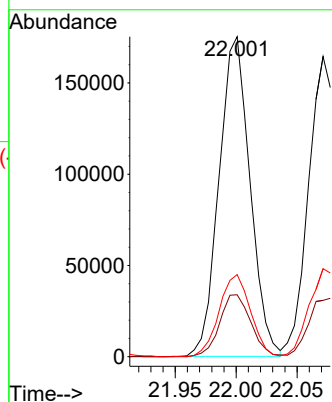
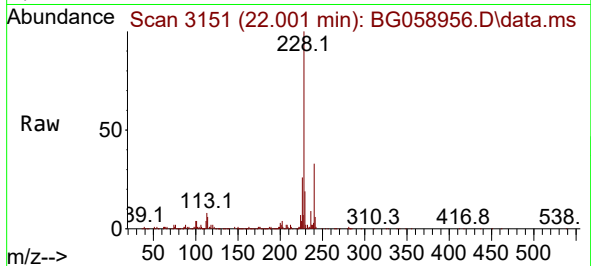




#85
Benzo(a)anthracene
Concen: 9.486 ng/ul
RT: 22.001 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

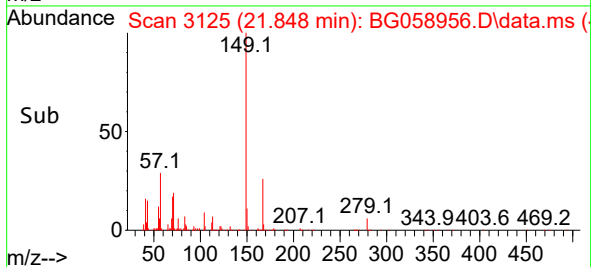
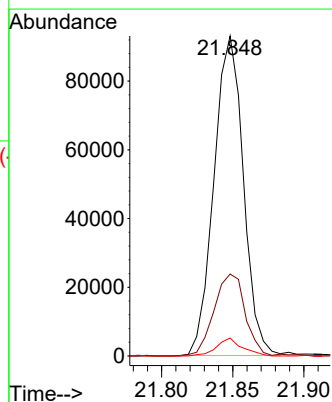
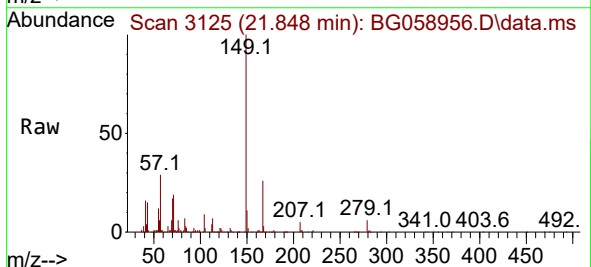
Instrument :
BNA_G
ClientSampleId :
SSTD010408

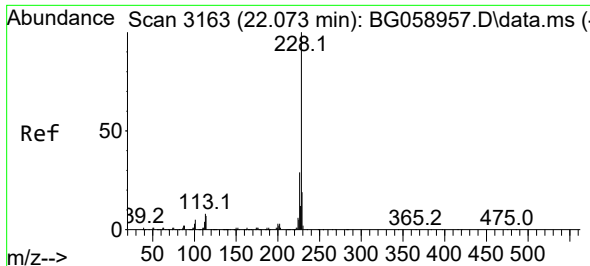
Tgt Ion:228 Resp: 309589
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 25.7 20.8 31.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 14.582 ng/ul
RT: 21.848 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:149 Resp: 133486
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.6
279 5.6 3.8 5.8

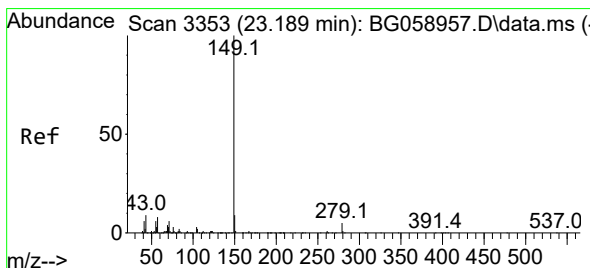
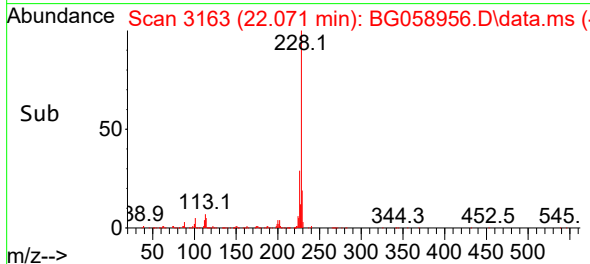
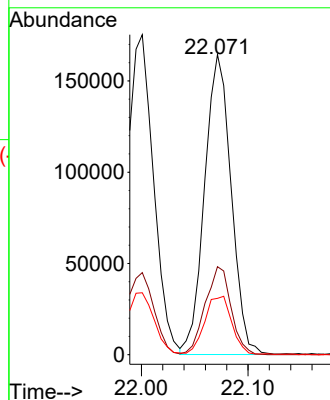
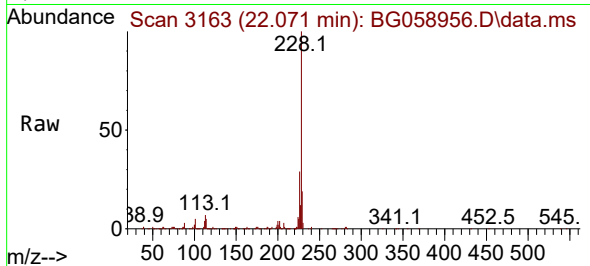




#87
Chrysene
Concen: 9.328 ng/ul
RT: 22.071 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

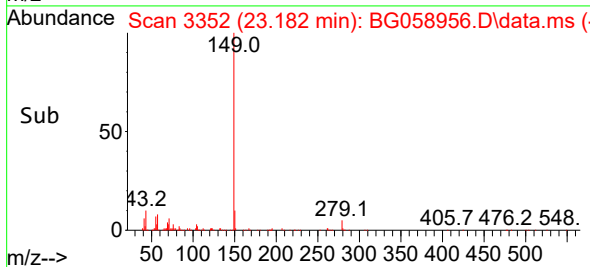
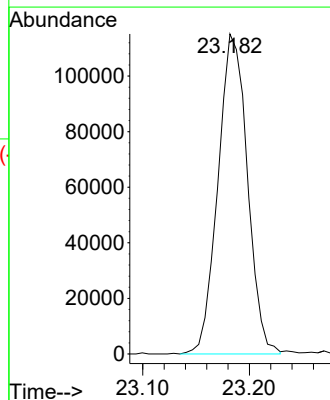
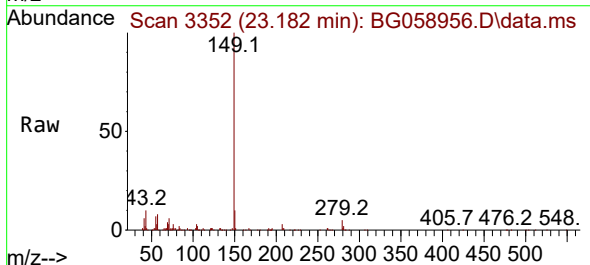
Instrument :
BNA_G
ClientSampleId :
SSTD010408

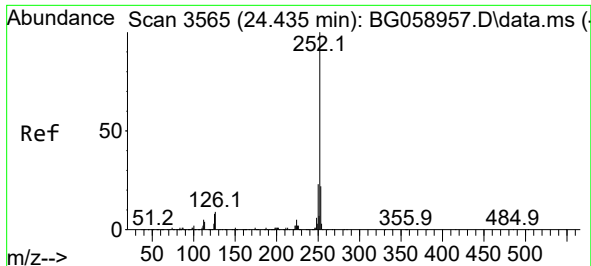
Tgt Ion:228 Resp: 285207
Ion Ratio Lower Upper
228 100
226 29.3 23.2 34.8
229 18.8 15.3 22.9



#89
Di-n-octyl phthalate
Concen: 13.175 ng/ul
RT: 23.182 min Scan# 3352
Delta R.T. -0.007 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:149 Resp: 220411

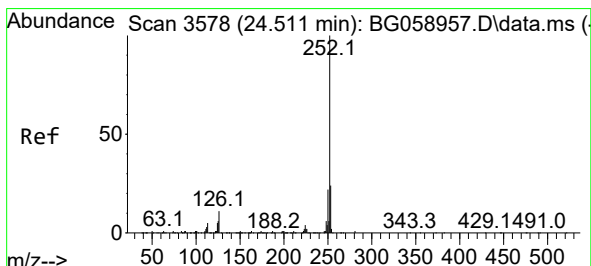
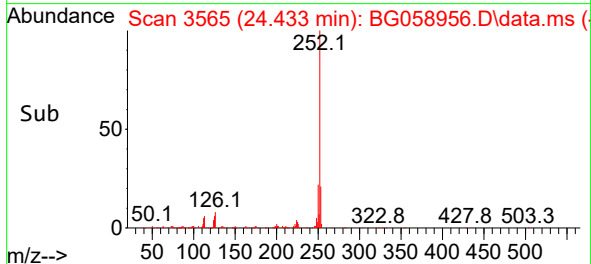
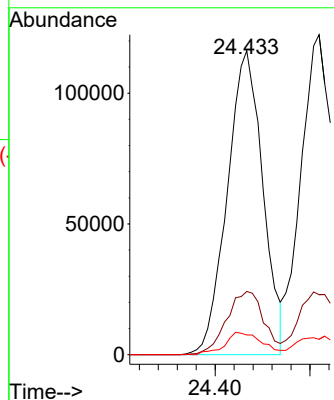
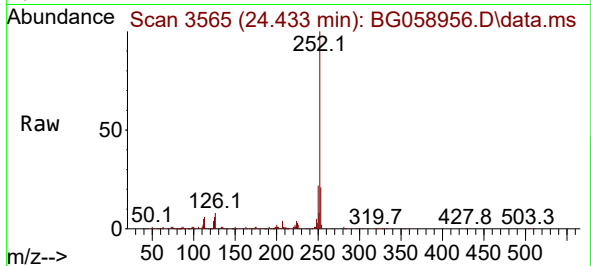




#90
Benzo(b)fluoranthene
Concen: 9.384 ng/ul
RT: 24.433 min Scan# 3565
Delta R.T. -0.001 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

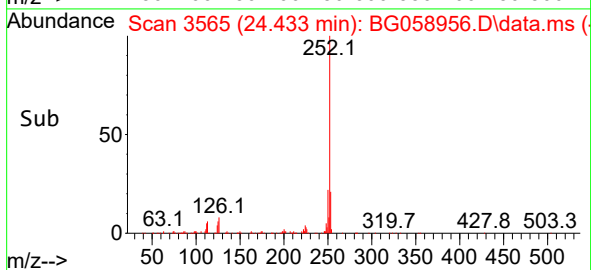
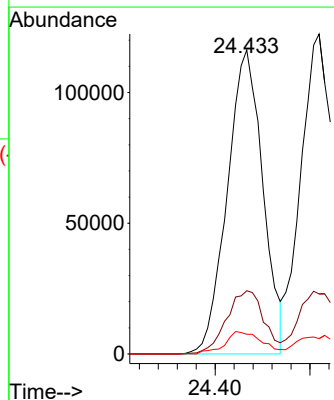
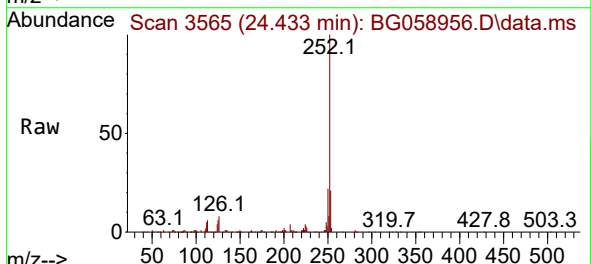
Instrument :
BNA_G
ClientSampleId :
SSTD010408

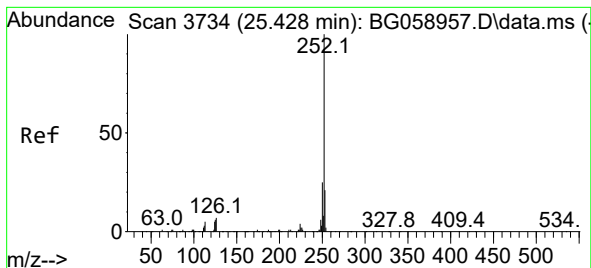
Tgt Ion:252 Resp: 302744
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 6.5 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 9.326 ng/ul
RT: 24.433 min Scan# 3565
Delta R.T. -0.078 min
Lab File: BG058956.D
Acq: 10 Sep 2023 17:29

Tgt Ion:252 Resp: 302744
Ion Ratio Lower Upper
252 100
253 20.8 19.1 28.7
125 6.5 5.0 7.4





#93

Benzo(a)pyrene

Concen: 9.558 ng/ul

RT: 25.414 min Scan# 3

Delta R.T. -0.013 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

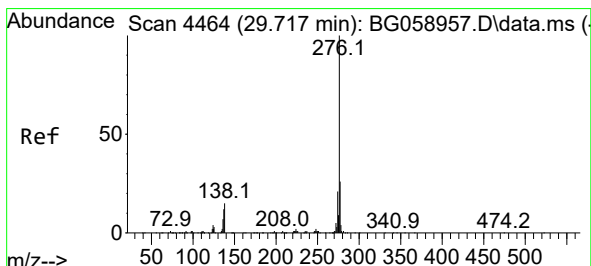
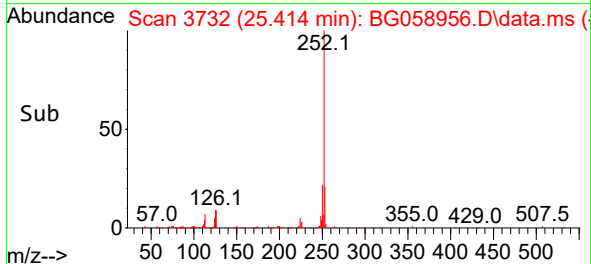
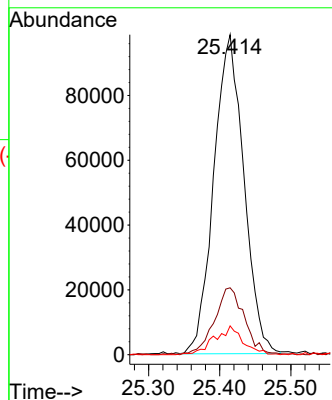
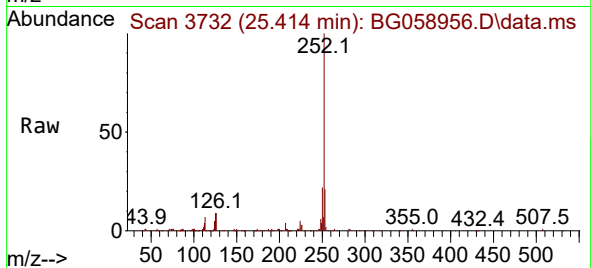
Tgt Ion:252 Resp: 288513

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

125 9.0 5.3 7.9#



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.635 ng/ul

RT: 29.715 min Scan# 4464

Delta R.T. -0.001 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

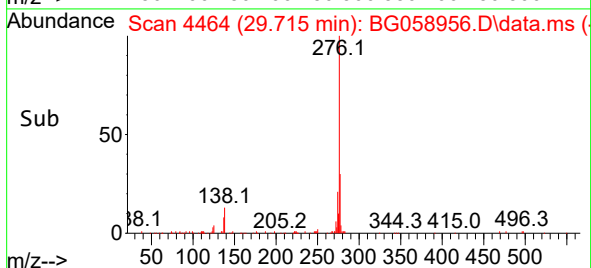
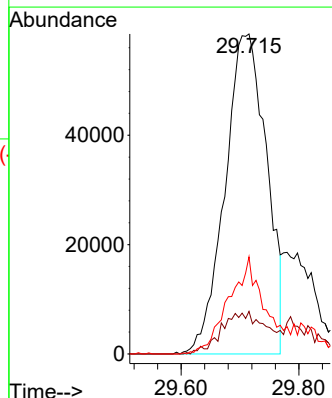
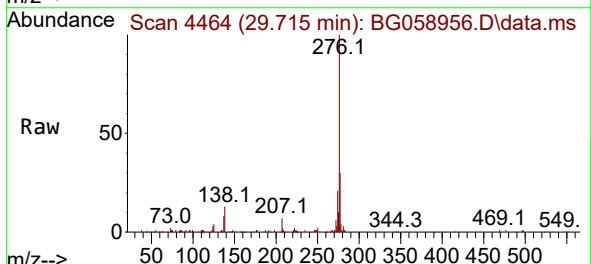
Tgt Ion:276 Resp: 287318

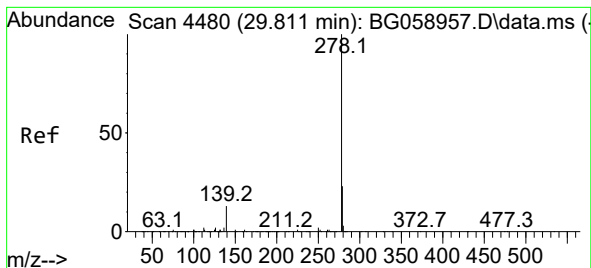
Ion Ratio Lower Upper

276 100

138 13.3 11.8 17.8

277 30.4 20.7 31.1





#95

Dibenzo(a,h)anthracene

Concen: 6.009 ng/ul

RT: 29.803 min Scan# 4480

Delta R.T. -0.007 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Instrument :

BNA_G

ClientSampleId :

SSTD010408

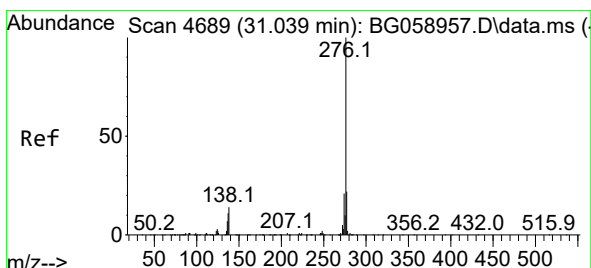
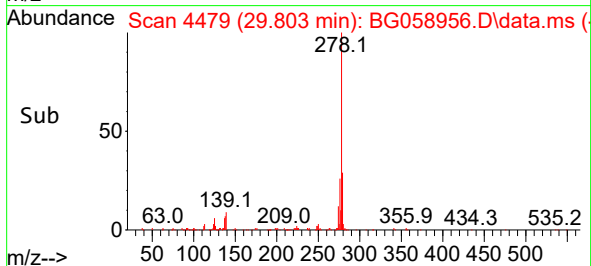
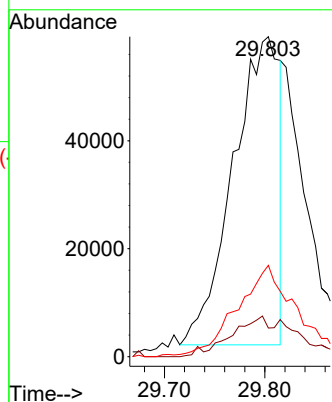
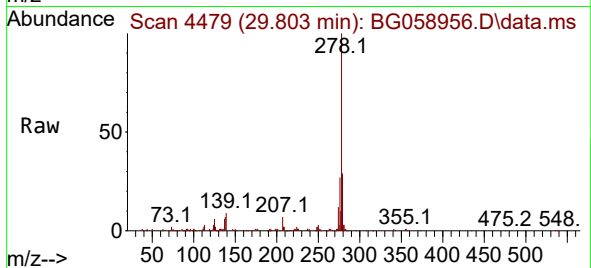
Tgt Ion:278 Resp: 183881

Ion Ratio Lower Upper

278 100

139 8.9 9.8 14.8#

279 28.6 18.5 27.7#



#96

Benzo(g,h,i)perylene

Concen: 9.212 ng/ul

RT: 31.026 min Scan# 4687

Delta R.T. -0.013 min

Lab File: BG058956.D

Acq: 10 Sep 2023 17:29

Tgt Ion:276 Resp: 275242

Ion Ratio Lower Upper

276 100

138 17.5 11.4 17.2#

277 24.4 17.4 26.2

