

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056790.D
 Acq On : 2 Mar 2023 14:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

Quant Time: Mar 03 00:58:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	13481	20.000	ng/u1	0.00
20) Naphthalene-d8	11.253	136	57152	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.019	164	46260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	126676	20.000	ng/u1	0.00
79) Chrysene-d12	22.064	240	125606	20.000	ng/u1	0.00
88) Perylene-d12	25.589	264	137449	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.703	96	2548	10.485	ng/uL	0.00
4) Pyridine-d5	4.138	84	24141	24.610	ng/u1	0.00
7) Phenol-d5	7.540	99	27945	20.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.722	67	17118	20.802	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	17713	19.772	ng/u1	0.00
15) 4-Methylphenol-d8	9.109	113	21761	21.111	ng/u1	0.00
21) Nitrobenzene-d5	9.590	128	10353	21.616	ng/u1	0.00
24) 2-Nitrophenol-d4	10.325	143	12256	21.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	23192	21.593	ng/u1	0.00
31) 4-Chloroaniline-d4	11.377	131	30798	21.985	ng/u1	0.00
46) Dimethylphthalate-d6	14.408	166	82228	22.031	ng/u1	0.00
49) Acenaphthylene-d8	14.720	160	93687	22.085	ng/u1	0.00
54) 4-Nitrophenol-d4	15.178	143	13760	21.383	ng/u1	0.00
60) Fluorene-d10	16.006	176	80054	23.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	16941	19.989	ng/u1	0.00
73) Anthracene-d10	17.851	188	130959	21.310	ng/u1	0.00
81) Pyrene-d10	20.113	212	159862	18.808	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.348	264	157038	21.167	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.733	88	3385	11.297	ng/uL#	90
5) Pyridine	4.156	79	24808	23.881	ng/u1	94
6) Benzaldehyde	7.540	77	17661	24.989	ng/u1	95
8) Phenol	7.569	94	30465	22.140	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.816	93	20553	21.022	ng/u1	95
12) 2-Chlorophenol	7.975	128	18226	20.544	ng/u1	98
13) 2-Methylphenol	8.838	108	21198	20.424	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.938	45	27326	20.800	ng/u1	98
16) Acetophenone	9.244	105	37136	21.038	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.214	70	20883	20.619	ng/u1	95
18) 4-Methylphenol	9.167	108	22700	20.128	ng/u1	94
19) Hexachloroethane	9.520	117	7646	20.267	ng/u1	99
22) Nitrobenzene	9.632	77	32316	23.268	ng/u1#	97
23) Isophorone	10.154	82	58932	21.703	ng/u1	99
25) 2-Nitrophenol	10.354	139	12628	22.439	ng/u1	97
26) 2,4-Dimethylphenol	10.390	107	26960	21.451	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.630	93	29368	21.398	ng/u1	96
29) 2,4-Dichlorophenol	10.889	162	23242	22.346	ng/u1	96
30) Naphthalene	11.306	128	67998	21.615	ng/u1	97
32) 4-Chloroaniline	11.400	127	31248	22.518	ng/u1	90
33) Hexachlorobutadiene	11.582	225	18588	22.424	ng/u1	92
34) Caprolactam	12.134	113	8501	24.042	ng/u1	86
35) 4-Chloro-3-methylphenol	12.481	107	26572	22.238	ng/u1	94
36) 2-Methylnaphthalene	12.881	142	50449	22.392	ng/u1	97

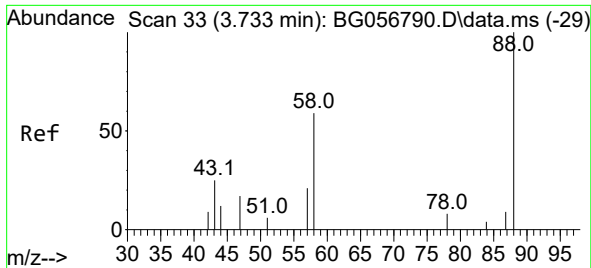
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056790.D
 Acq On : 2 Mar 2023 14:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

Quant Time: Mar 03 00:58:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.098	142	49548	22.305	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.233	216	37702	22.987	ng/ul	97
40) Hexachlorocyclopentadiene	13.216	237	22727	19.338	ng/ul	92
41) 2,4,6-Trichlorophenol	13.462	196	24432	22.294	ng/ul	99
42) 2,4,5-Trichlorophenol	13.533	196	27705	23.282	ng/ul	96
43) 1,1'-Biphenyl	13.862	154	74166	21.803	ng/ul	100
44) 2-Chloronaphthalene	13.909	162	61416	21.821	ng/ul	94
45) 2-Nitroaniline	14.097	65	22788	23.326	ng/ul	98
47) Dimethylphthalate	14.455	163	83997	22.130	ng/ul#	98
48) 2,6-Dinitrotoluene	14.579	165	17883	22.984	ng/ul#	86
50) Acenaphthylene	14.749	152	95055	22.181	ng/ul	99
51) 3-Nitroaniline	14.914	138	16040	23.034	ng/ul#	95
52) Acenaphthene	15.084	153	64217	21.813	ng/ul	98
53) 2,4-Dinitrophenol	15.113	184	10325	20.714	ng/ul	91
55) 4-Nitrophenol	15.190	109	17588	23.612	ng/ul	90
56) Dibenzofuran	15.413	168	101232	22.652	ng/ul	94
57) 2,4-Dinitrotoluene	15.360	165	25969	23.281	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.630	232	25829	23.325	ng/ul	99
59) Diethylphthalate	15.801	149	84599	22.267	ng/ul	97
61) Fluorene	16.059	166	80949	22.622	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.042	204	48038	22.664	ng/ul	98
63) 4-Nitroaniline	16.065	138	15950	23.442	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.118	198	16983	20.815	ng/ul	97
67) N-Nitrosodiphenylamine	16.253	169	72302	20.525	ng/ul	96
68) 4-Bromophenyl-phenylether	16.935	248	34946	21.769	ng/ul	92
69) Hexachlorobenzene	17.058	284	35934	20.835	ng/ul	98
70) Atrazine	17.182	200	33085	21.625	ng/ul#	94
71) Pentachlorophenol	17.399	266	18074	18.456	ng/ul	96
72) Phenanthrene	17.798	178	145190	21.159	ng/ul	98
74) Anthracene	17.887	178	146318	21.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.838	216	38697	19.968	ng/uL	96
76) Pentachlorobenzene	15.337	250	41320	21.023	ng/uL	97
77) Carbazole	18.151	167	123682	21.317	ng/ul	99
78) Di-n-butylphthalate	18.674	149	142134	21.255	ng/ul	100
80) Fluoranthene	19.779	202	186135	18.112	ng/ul	98
82) Pyrene	20.143	202	188191	18.587	ng/ul	100
83) Butylbenzylphthalate	21.001	149	61616	19.184	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.941	252	70333	22.333	ng/ul	96
85) Benzo(a)anthracene	22.041	228	191272	20.923	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.905	149	92446	20.489	ng/ul	99
87) Chrysene	22.111	228	178452	20.959	ng/ul	98
89) Di-n-octyl phthalate	23.216	149	154377	20.659	ng/ul	100
90) Benzo(b)fluoranthene	24.455	252	196078	21.310	ng/ul	99
91) Benzo(k)fluoranthene	24.532	252	193141	21.550	ng/ul	100
93) Benzo(a)pyrene	25.419	252	170012	21.020	ng/ul	98
95) Dibenzo(a,h)anthracene	29.714	278	194703	21.194	ng/ul#	93
96) Benzo(g,h,i)perylene	30.918	276	187847	21.403	ng/ul	93

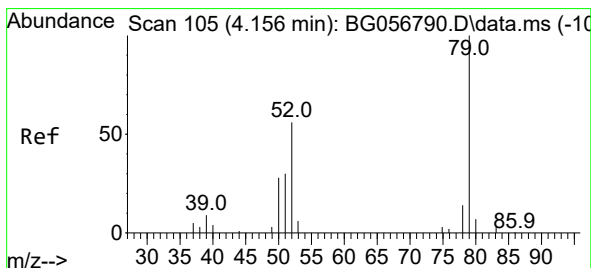
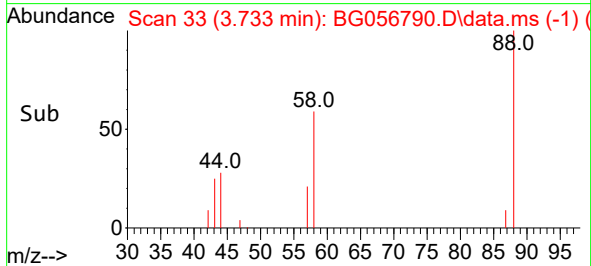
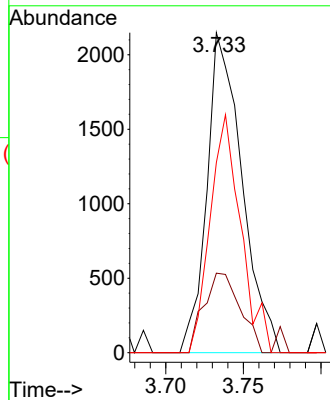
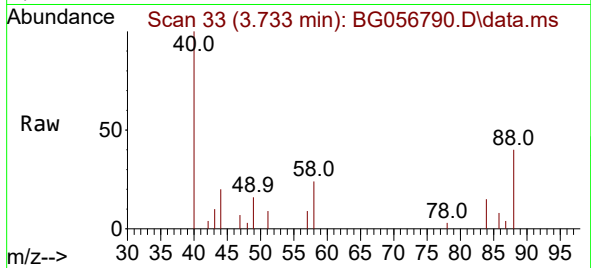
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 11.297 ng/uL
 RT: 3.733 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

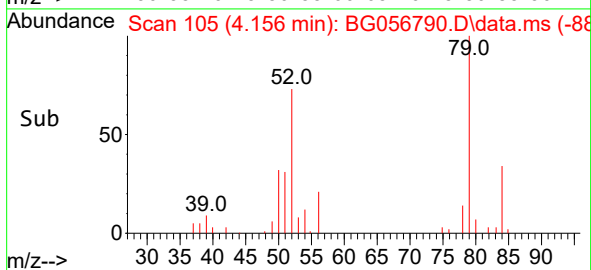
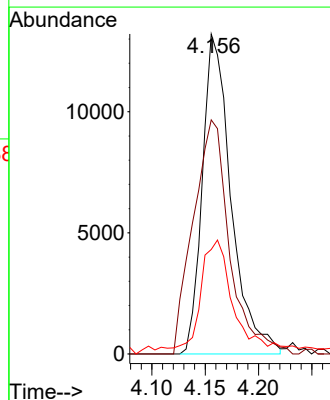
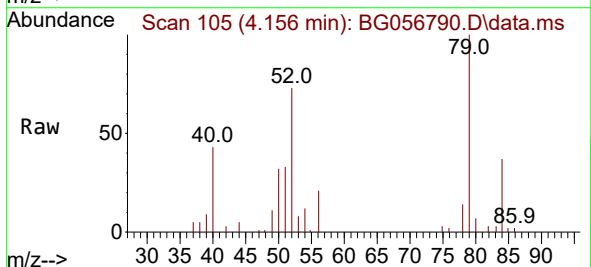
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

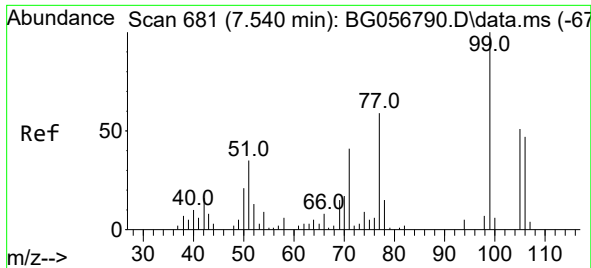
Tgt Ion: 88 Resp: 3385
 Ion Ratio Lower Upper
 88 100
 43 24.9 28.3 42.5#
 58 59.4 50.6 75.8



#5
 Pyridine
 Concen: 23.881 ng/uL
 RT: 4.156 min Scan# 105
 Delta R.T. -0.002 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

Tgt Ion: 79 Resp: 24808
 Ion Ratio Lower Upper
 79 100
 52 73.1 60.6 91.0
 51 32.6 31.9 47.9

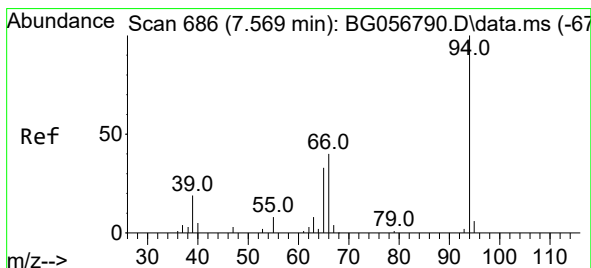
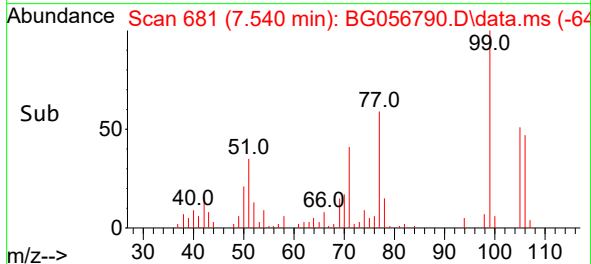
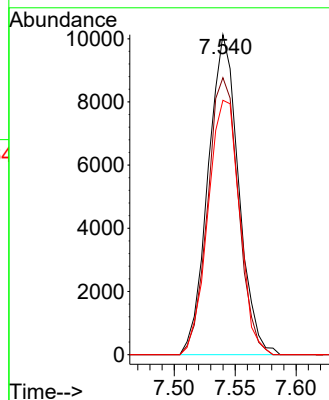
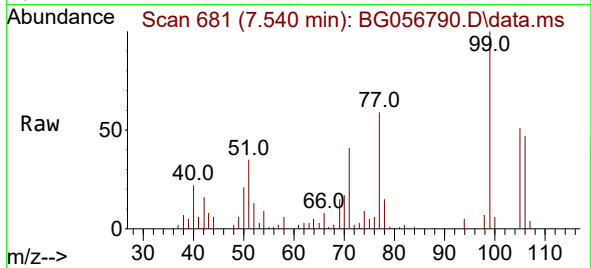




#6
Benzaldehyde
Concen: 24.989 ng/ul
RT: 7.540 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

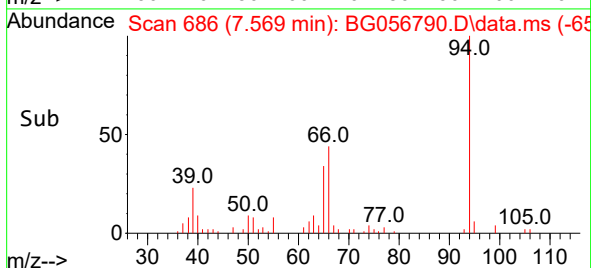
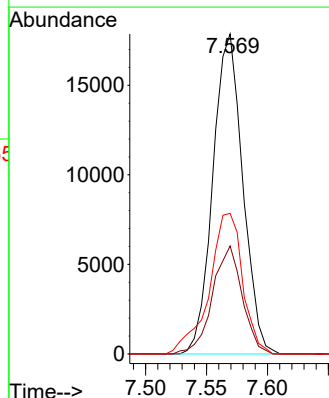
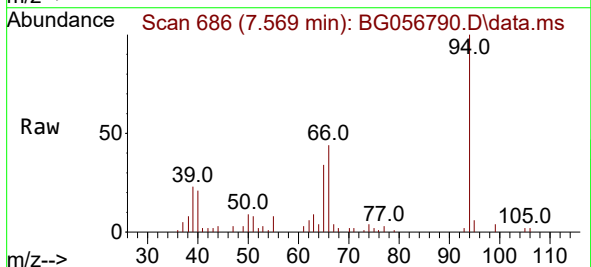
Instrument :
BNA_G
ClientSampleId :
SSTD020452

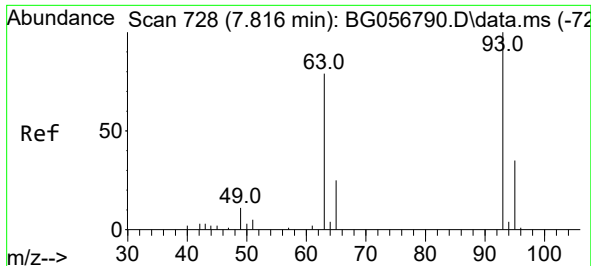
Tgt Ion: 77 Resp: 17661
Ion Ratio Lower Upper
77 100
105 86.6 72.2 108.4
106 79.5 67.4 101.2



#8
Phenol
Concen: 22.140 ng/ul
RT: 7.569 min Scan# 686
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion: 94 Resp: 30465
Ion Ratio Lower Upper
94 100
65 33.7 25.7 38.5
66 43.9 38.9 58.3





#10

Bis(2-Chloroethyl)ether

Concen: 21.022 ng/ul

RT: 7.816 min Scan# 728

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

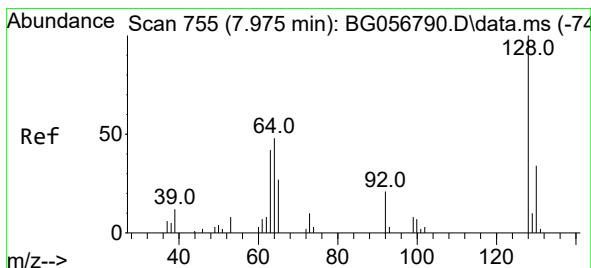
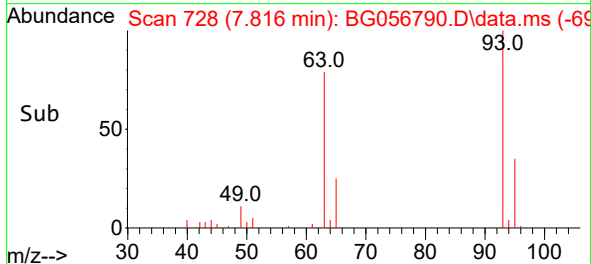
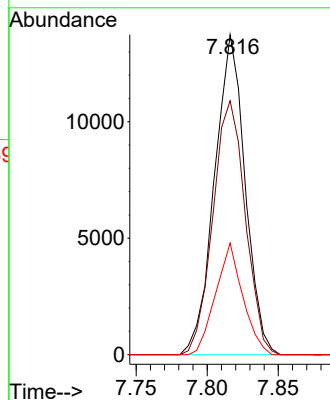
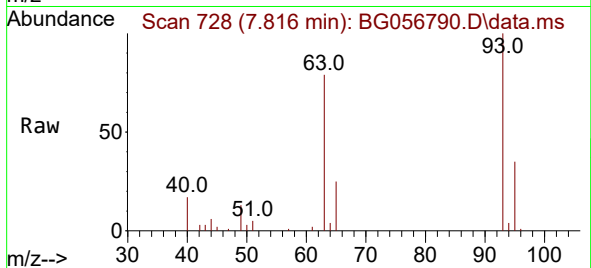
Tgt Ion: 93 Resp: 20553

Ion Ratio Lower Upper

93 100

63 79.3 66.6 100.0

95 34.9 25.0 37.4



#12

2-Chlorophenol

Concen: 20.544 ng/ul

RT: 7.975 min Scan# 755

Delta R.T. 0.004 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

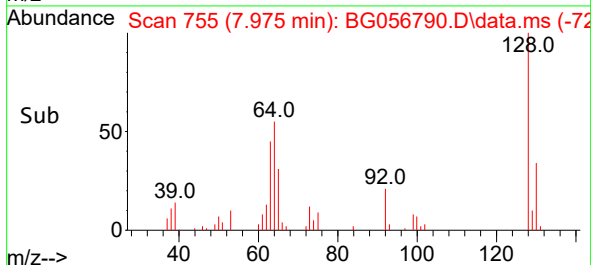
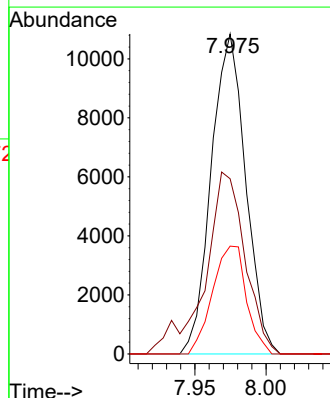
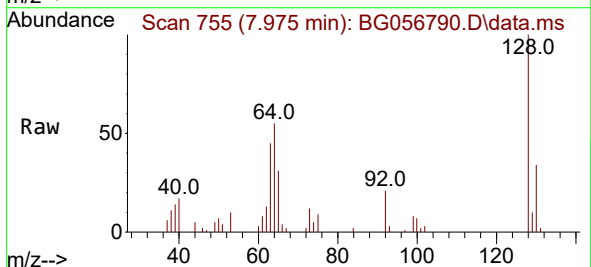
Tgt Ion:128 Resp: 18226

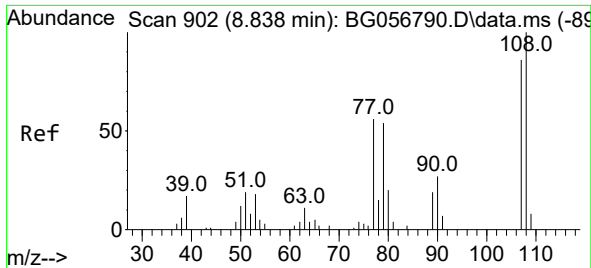
Ion Ratio Lower Upper

128 100

64 54.8 45.5 68.3

130 33.7 27.7 41.5

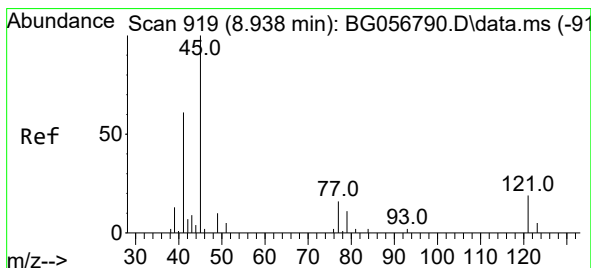
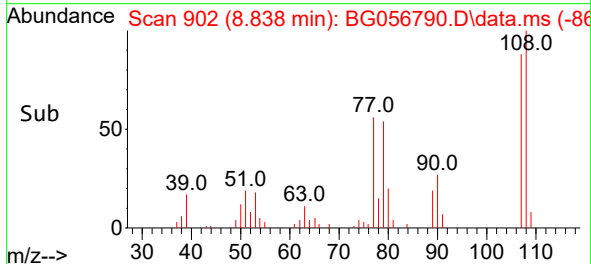
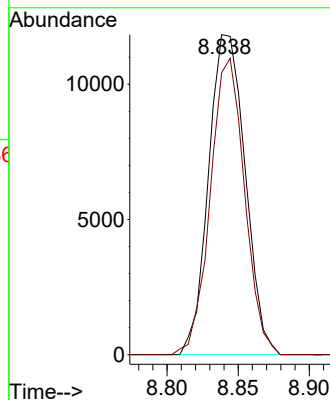
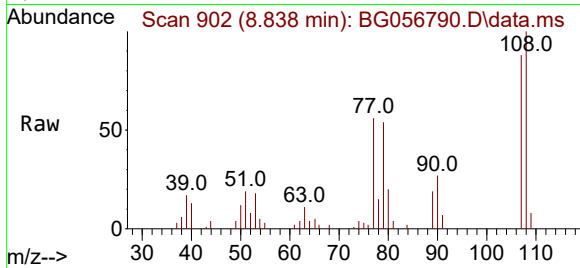




#13
2-Methylphenol
Concen: 20.424 ng/ul
RT: 8.838 min Scan# 902
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

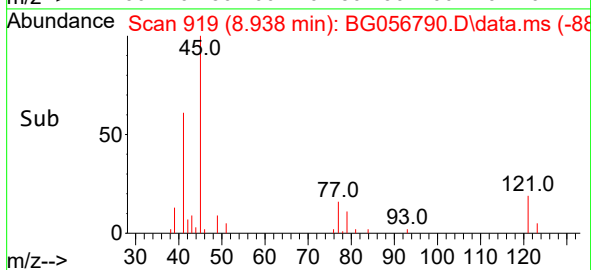
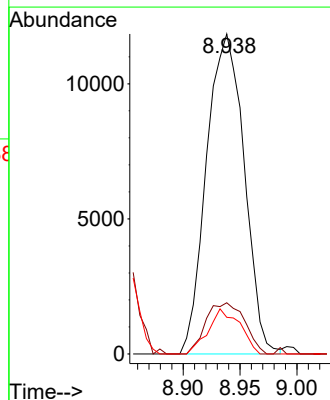
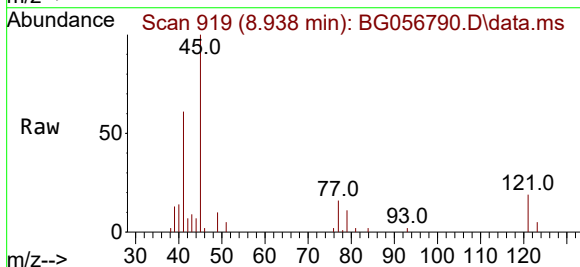
Instrument :
BNA_G
ClientSampleId :
SSTD020452

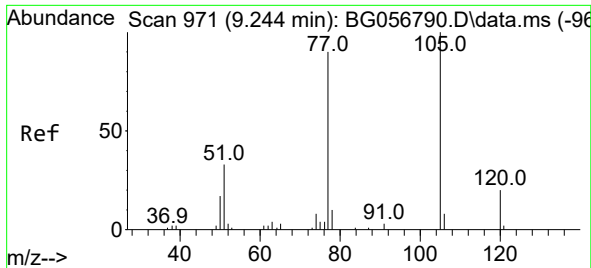
Tgt Ion:108 Resp: 21198
Ion Ratio Lower Upper
108 100
107 88.1 73.4 110.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.800 ng/ul
RT: 8.938 min Scan# 919
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion: 45 Resp: 27326
Ion Ratio Lower Upper
45 100
77 16.0 12.4 18.6
79 11.4 9.8 14.6

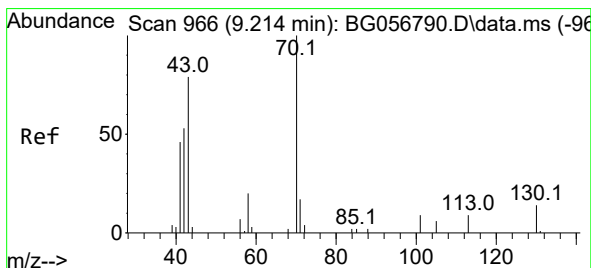
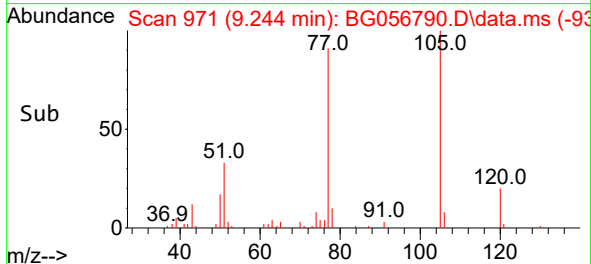
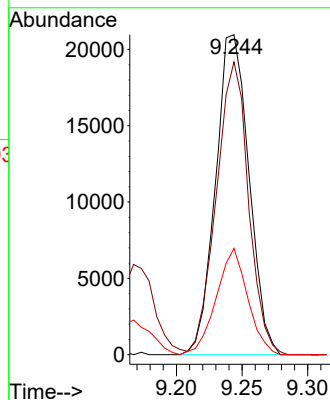
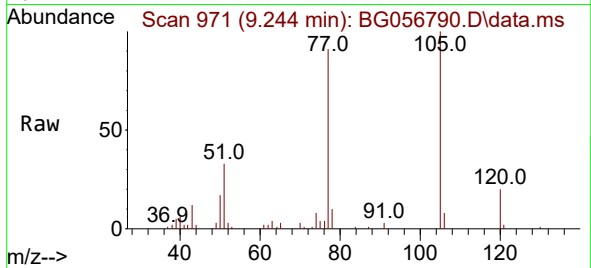




#16
Acetophenone
Concen: 21.038 ng/ul
RT: 9.244 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

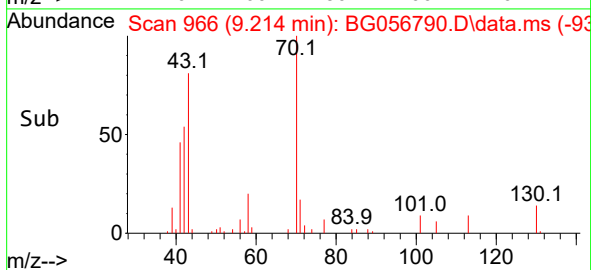
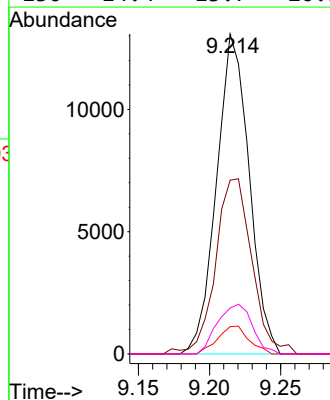
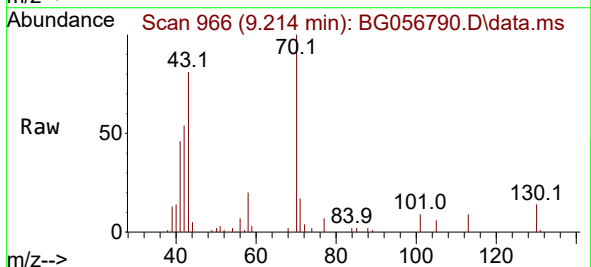
Instrument :
BNA_G
ClientSampleId :
SSTD020452

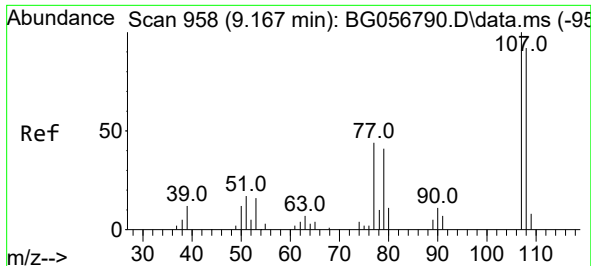
Tgt Ion:105 Resp: 37136
Ion Ratio Lower Upper
105 100
77 91.5 71.4 107.0
51 33.2 23.6 35.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.619 ng/ul
RT: 9.214 min Scan# 966
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion: 70 Resp: 20883
Ion Ratio Lower Upper
70 100
42 54.3 46.6 70.0
101 8.5 7.3 10.9
130 14.4 13.7 20.5

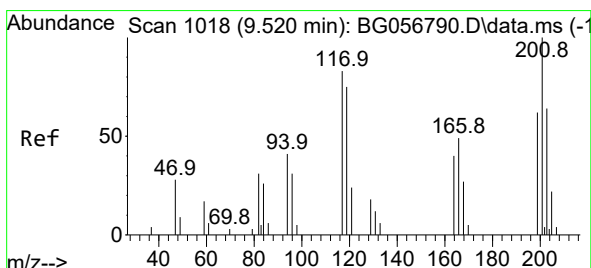
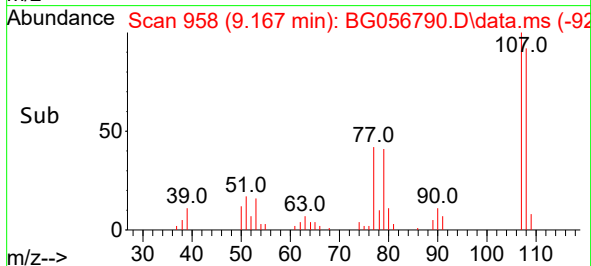
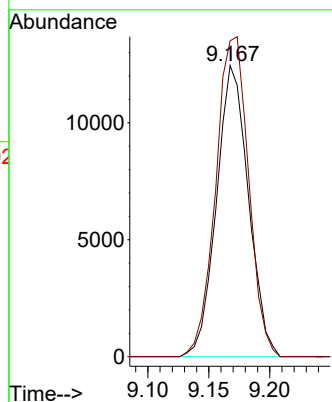
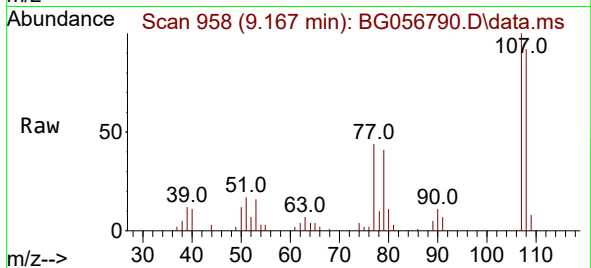




#18
4-Methylphenol
Concen: 20.128 ng/ul
RT: 9.167 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

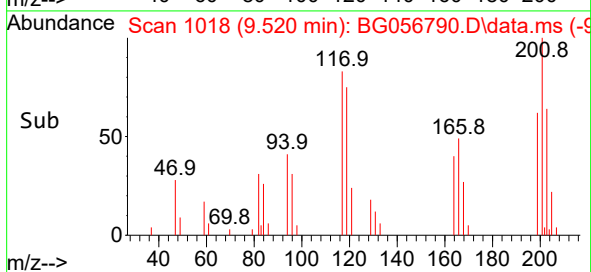
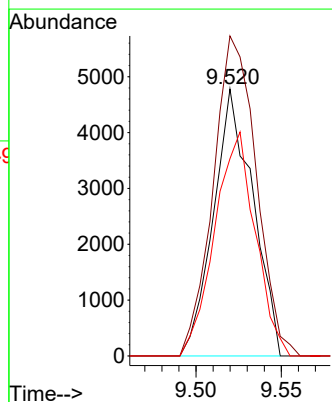
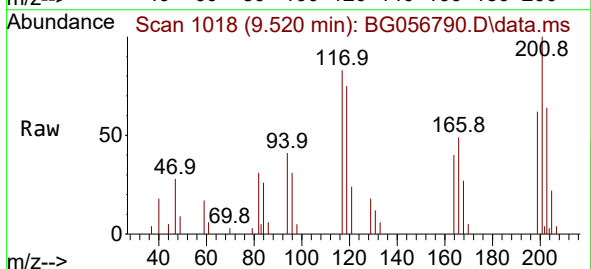
Instrument :
BNA_G
ClientSampleId :
SSTD020452

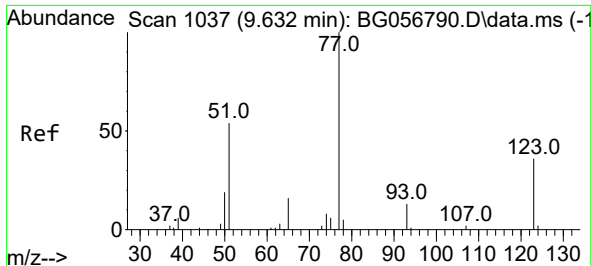
Tgt Ion:108 Resp: 22700
Ion Ratio Lower Upper
108 100
107 108.5 92.1 138.1



#19
Hexachloroethane
Concen: 20.267 ng/ul
RT: 9.520 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:117 Resp: 7646
Ion Ratio Lower Upper
117 100
201 119.8 95.2 142.8
199 73.9 57.9 86.9





#22

Nitrobenzene

Concen: 23.268 ng/ul

RT: 9.632 min Scan# 1037

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

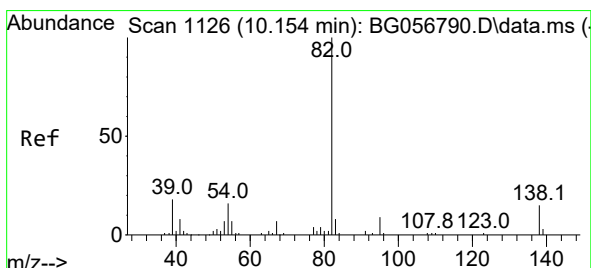
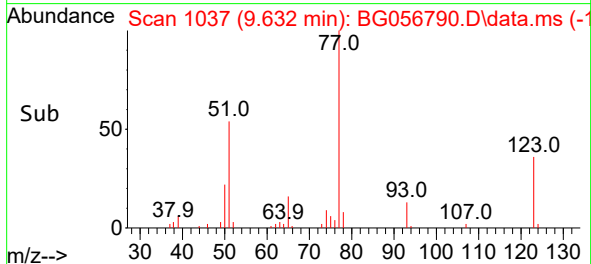
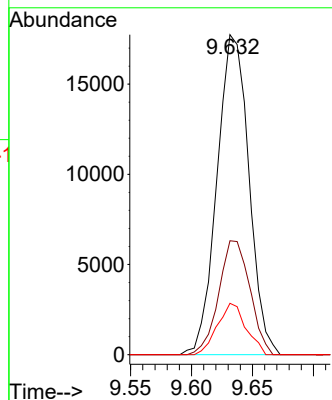
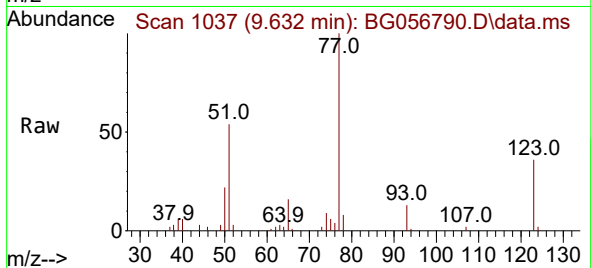
Tgt Ion: 77 Resp: 32316

Ion Ratio Lower Upper

77 100

123 35.6 27.8 41.6

65 16.1 10.6 16.0#



#23

Isophorone

Concen: 21.703 ng/ul

RT: 10.154 min Scan# 1126

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

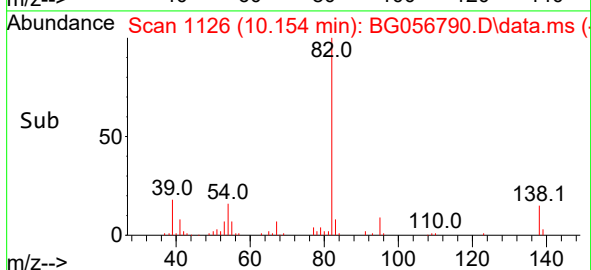
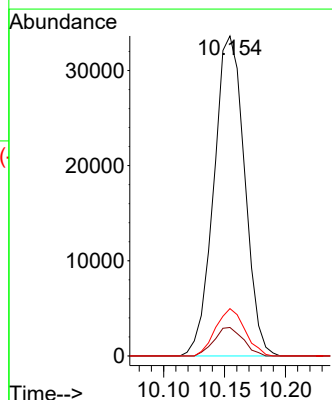
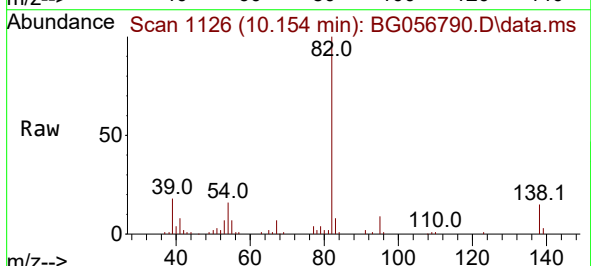
Tgt Ion: 82 Resp: 58932

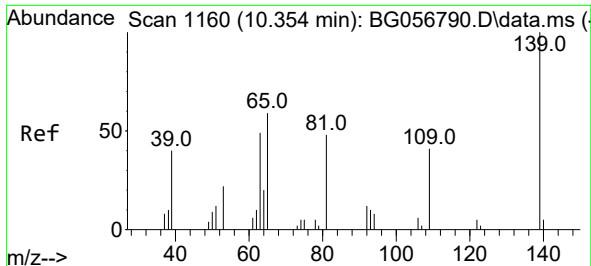
Ion Ratio Lower Upper

82 100

95 8.9 7.7 11.5

138 14.8 12.1 18.1

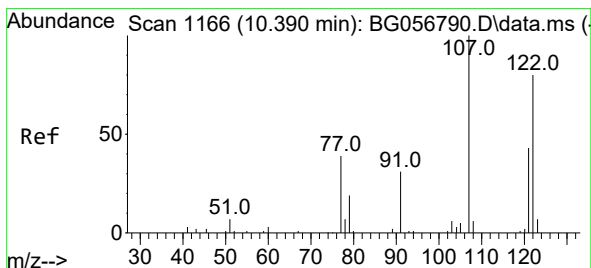
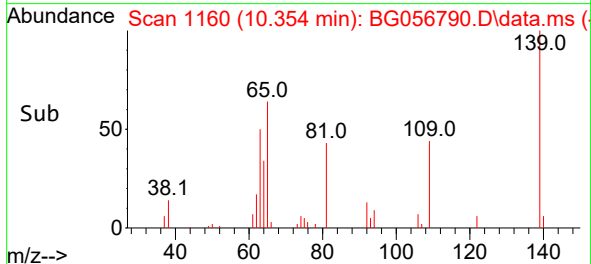
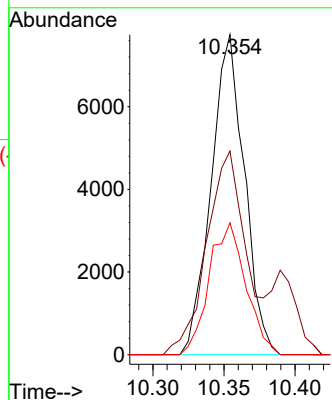
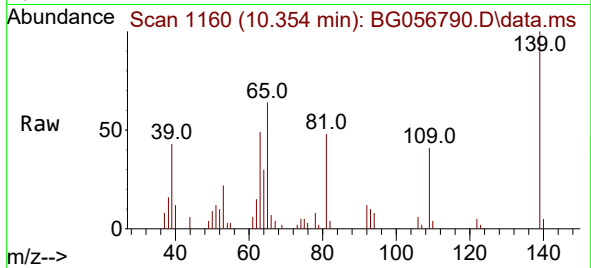




#25
2-Nitrophenol
Concen: 22.439 ng/ul
RT: 10.354 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

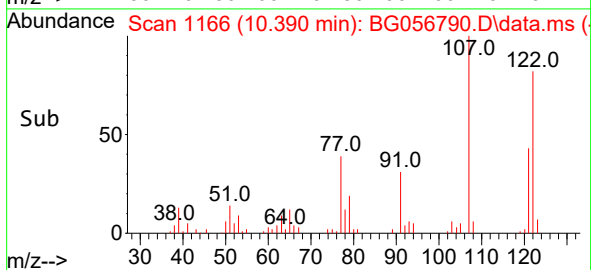
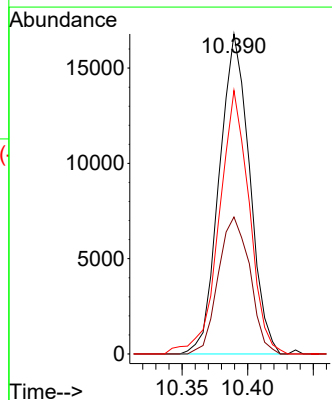
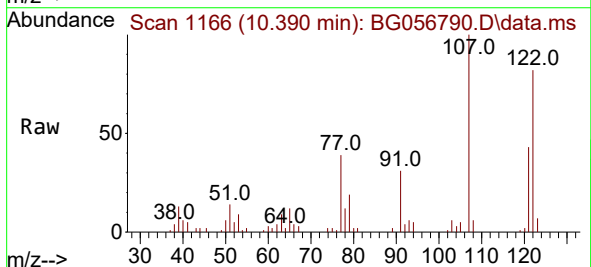
Instrument :
BNA_G
ClientSampleId :
SSTD020452

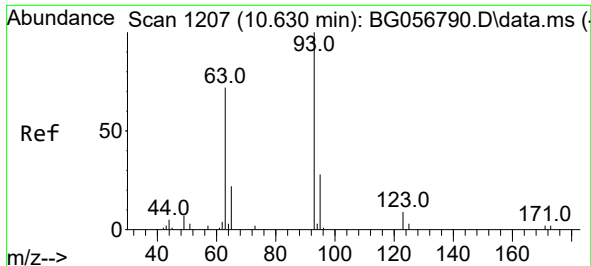
Tgt Ion:139 Resp: 12628
Ion Ratio Lower Upper
139 100
65 63.7 49.4 74.2
109 41.2 31.6 47.4



#26
2,4-Dimethylphenol
Concen: 21.451 ng/ul
RT: 10.390 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:107 Resp: 26960
Ion Ratio Lower Upper
107 100
121 42.8 40.2 60.4
122 82.4 63.1 94.7

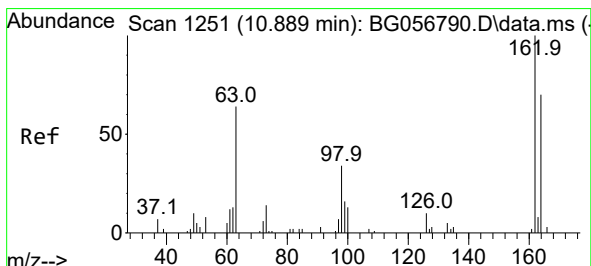
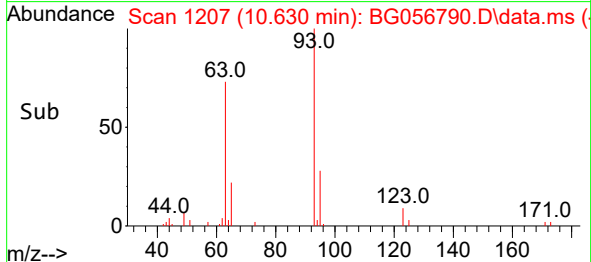
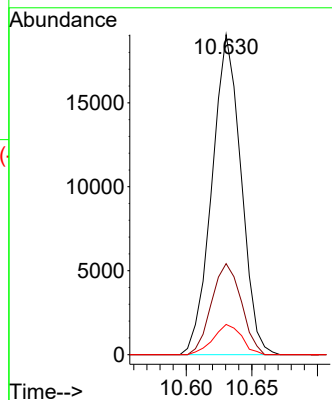
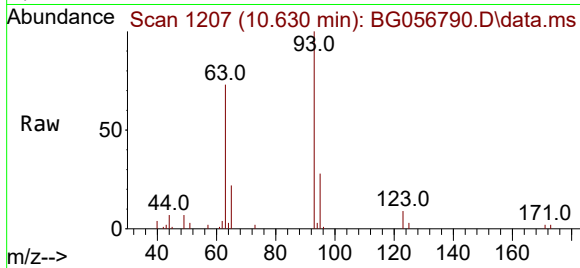




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.398 ng/ul
 RT: 10.630 min Scan# 1207
 Delta R.T. -0.002 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

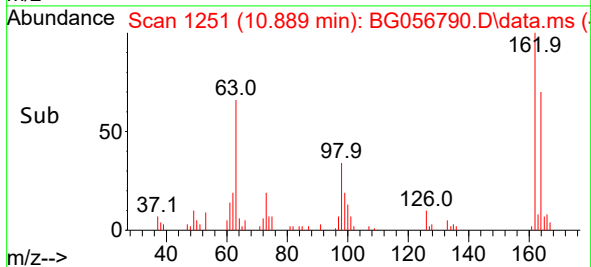
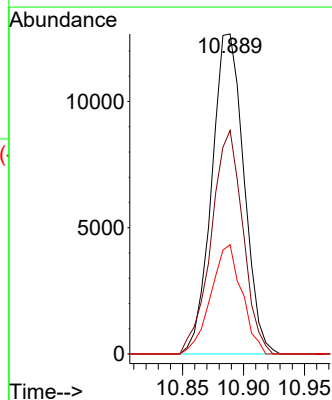
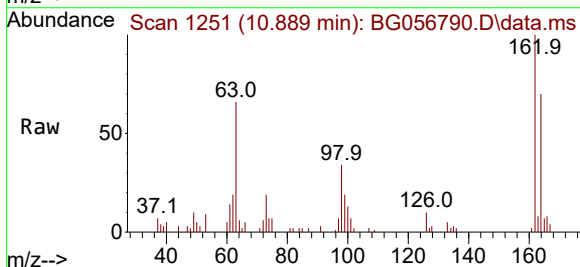
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

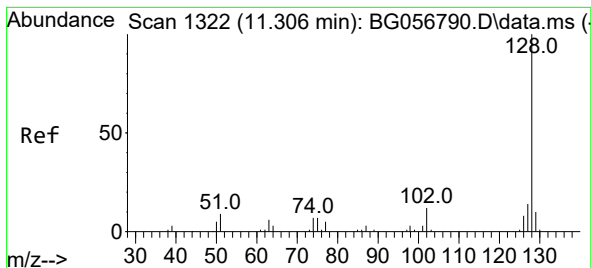
Tgt Ion:	93	Resp:	29368
Ion	Ratio	Lower	Upper
93	100		
95	28.5	24.6	37.0
123	9.4	6.6	10.0



#29
 2,4-Dichlorophenol
 Concen: 22.346 ng/ul
 RT: 10.889 min Scan# 1251
 Delta R.T. 0.004 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

Tgt Ion:	162	Resp:	23242
Ion	Ratio	Lower	Upper
162	100		
164	69.9	53.3	79.9
98	34.2	25.5	38.3

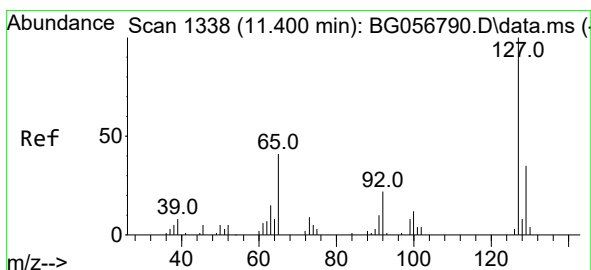
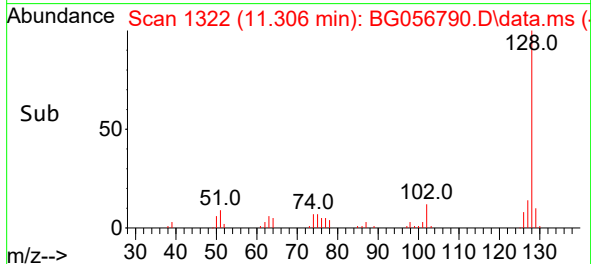
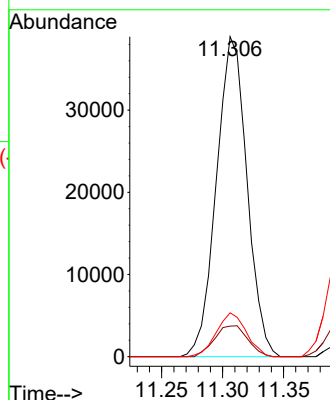
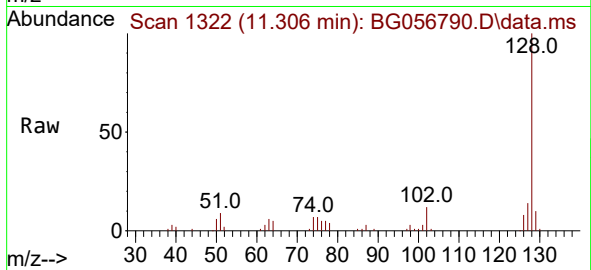




#30
Naphthalene
Concen: 21.615 ng/ul
RT: 11.306 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

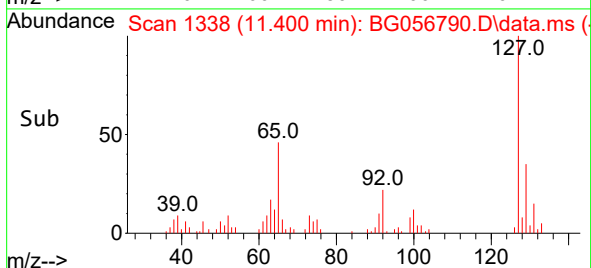
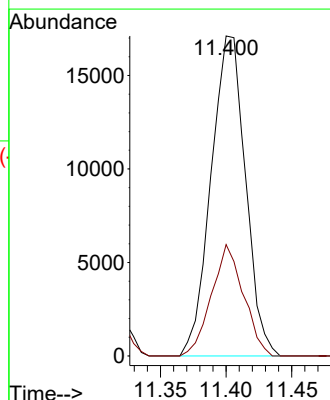
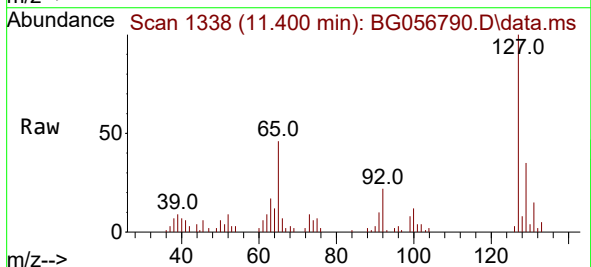
Instrument :
BNA_G
ClientSampleId :
SSTD020452

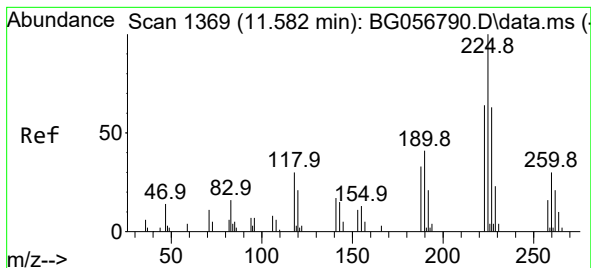
Tgt Ion:128 Resp: 67998
Ion Ratio Lower Upper
128 100
129 9.6 8.6 12.8
127 13.7 9.8 14.8



#32
4-Chloroaniline
Concen: 22.518 ng/ul
RT: 11.400 min Scan# 1338
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:127 Resp: 31248
Ion Ratio Lower Upper
127 100
129 34.8 23.4 35.0





#33

Hexachlorobutadiene

Concen: 22.424 ng/ul

RT: 11.582 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

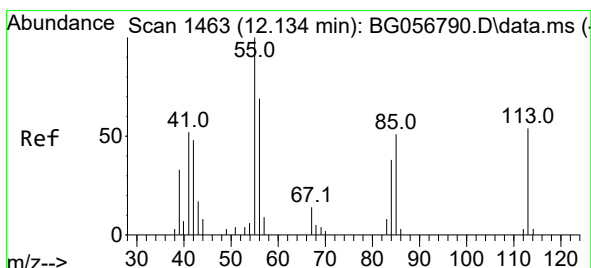
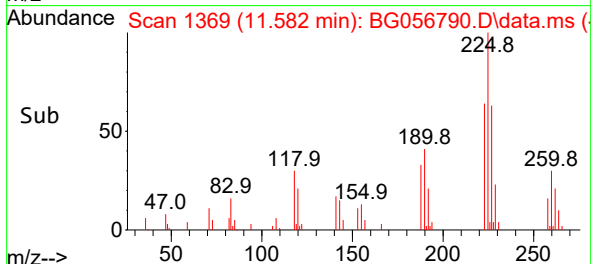
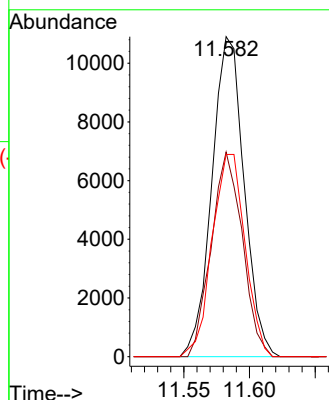
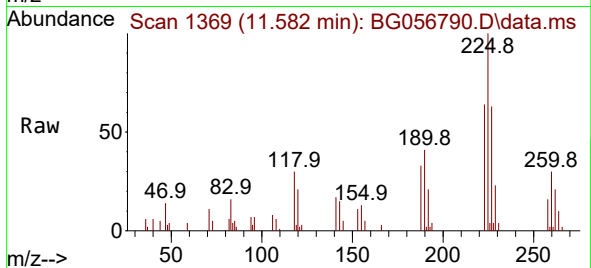
Tgt Ion:225 Resp: 18588

Ion Ratio Lower Upper

225 100

223 63.9 53.5 80.3

227 63.2 58.2 87.2



#34

Caprolactam

Concen: 24.042 ng/ul

RT: 12.134 min Scan# 1463

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

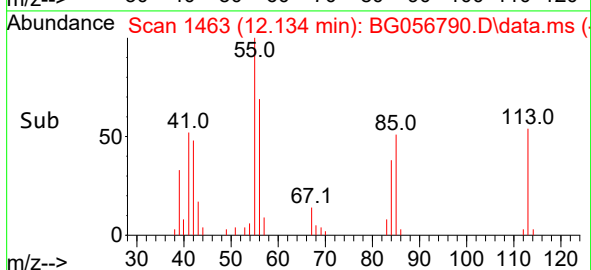
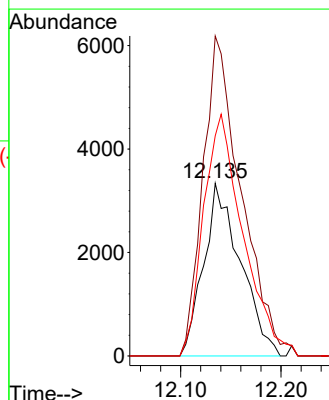
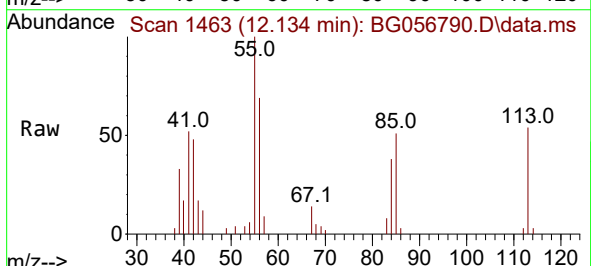
Tgt Ion:113 Resp: 8501

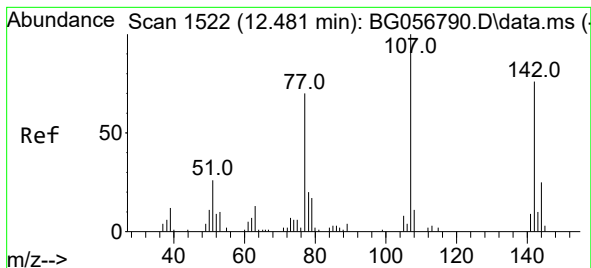
Ion Ratio Lower Upper

113 100

55 185.3 167.0 250.6

56 127.5 113.5 170.3

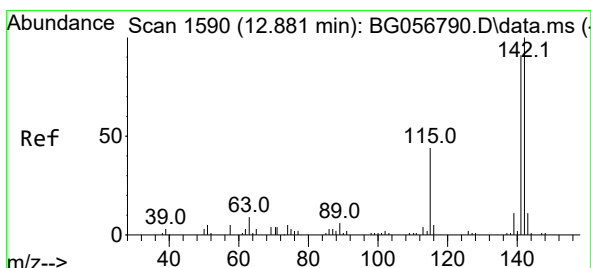
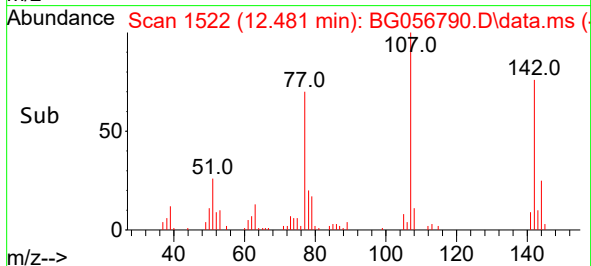
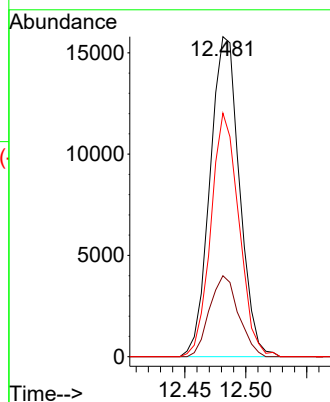
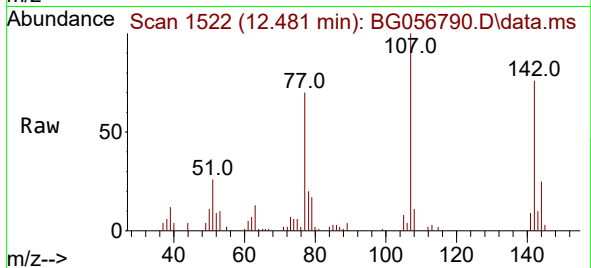




#35
4-Chloro-3-methylphenol
Concen: 22.238 ng/ul
RT: 12.481 min Scan# 1522
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

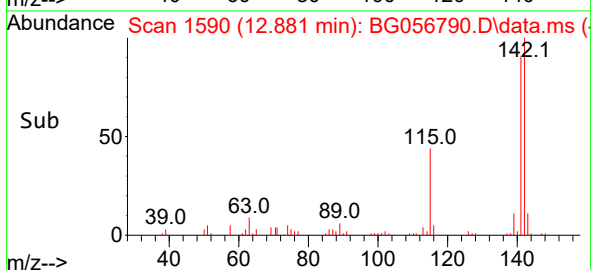
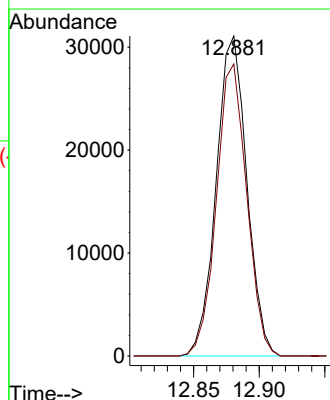
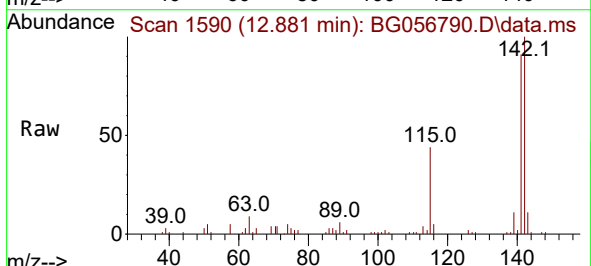
Instrument :
BNA_G
ClientSampleId :
SSTD020452

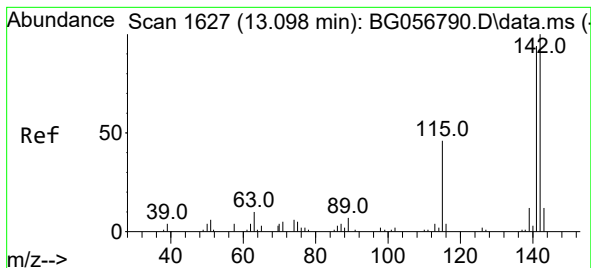
Tgt Ion:107 Resp: 26572
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 76.1 55.8 83.6



#36
2-Methylnaphthalene
Concen: 22.392 ng/ul
RT: 12.881 min Scan# 1590
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:142 Resp: 50449
Ion Ratio Lower Upper
142 100
141 91.3 71.0 106.6





#37

1-Methylnaphthalene

Concen: 22.305 ng/ul

RT: 13.098 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

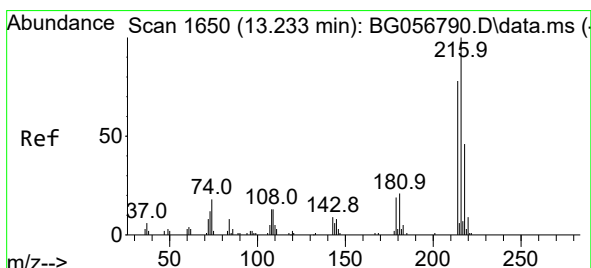
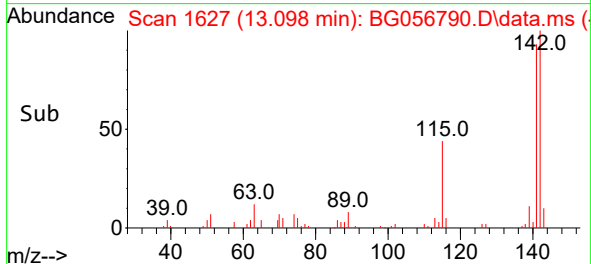
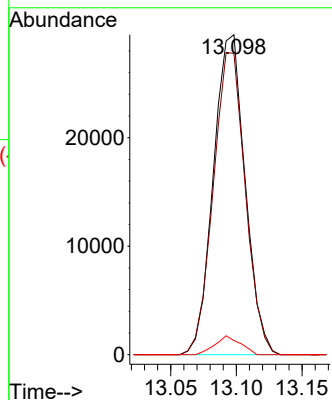
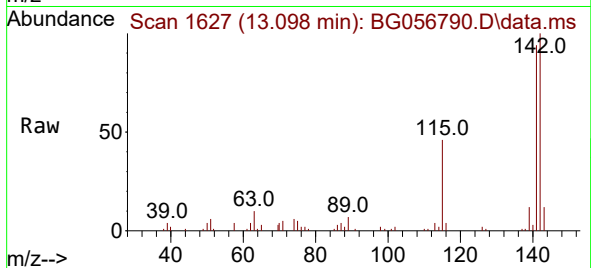
Tgt Ion:142 Resp: 49548

Ion Ratio Lower Upper

142 100

141 94.1 73.5 110.3

116 4.4 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.987 ng/ul

RT: 13.233 min Scan# 1650

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Tgt Ion:216 Resp: 37702

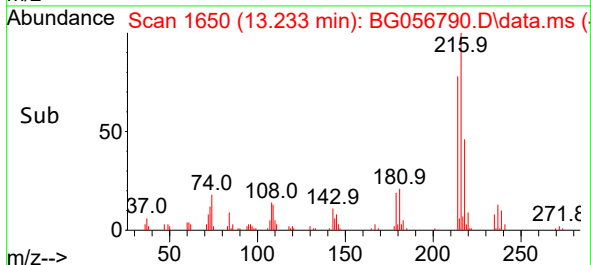
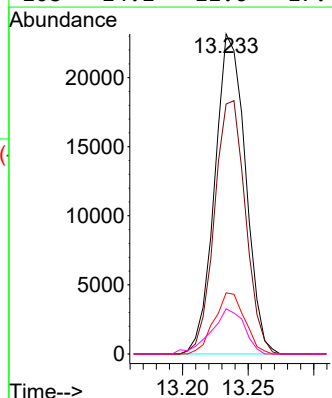
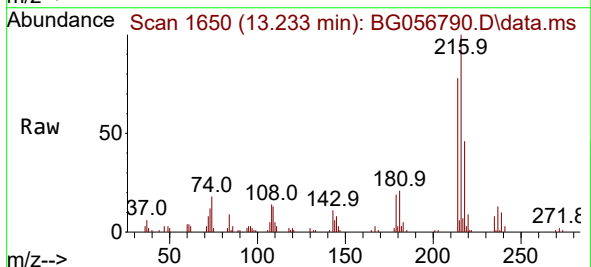
Ion Ratio Lower Upper

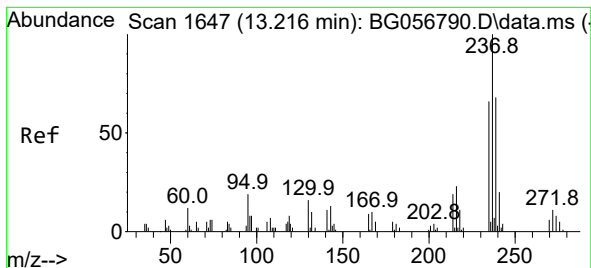
216 100

214 78.1 64.4 96.6

179 19.1 16.9 25.3

108 14.1 11.6 17.4





#40

Hexachlorocyclopentadiene

Concen: 19.338 ng/ul

RT: 13.216 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

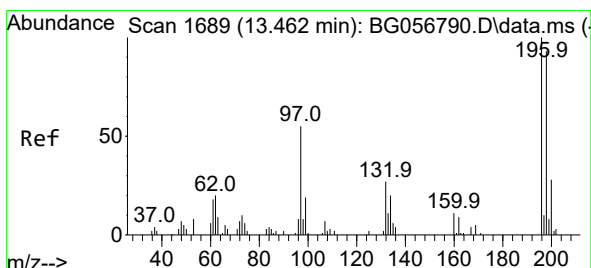
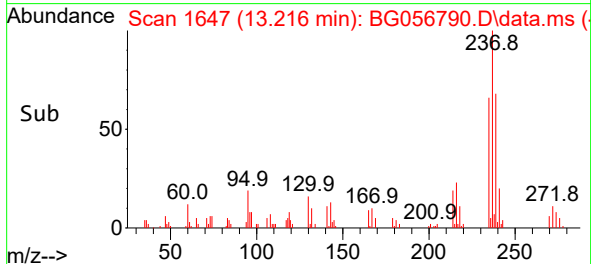
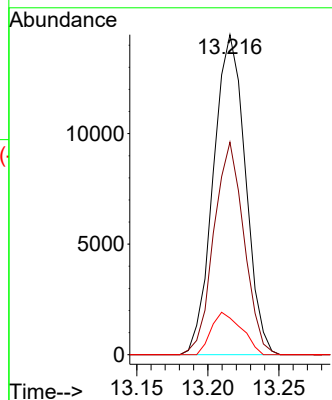
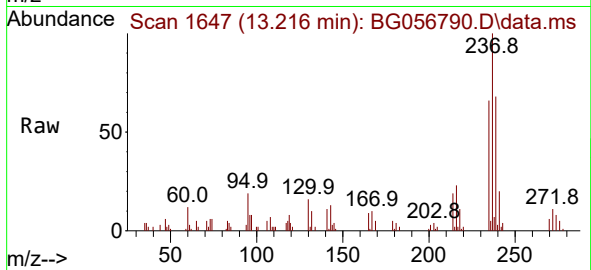
Tgt Ion:237 Resp: 22727

Ion Ratio Lower Upper

237 100

235 66.4 47.8 71.8

272 11.5 9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 22.294 ng/ul

RT: 13.462 min Scan# 1689

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

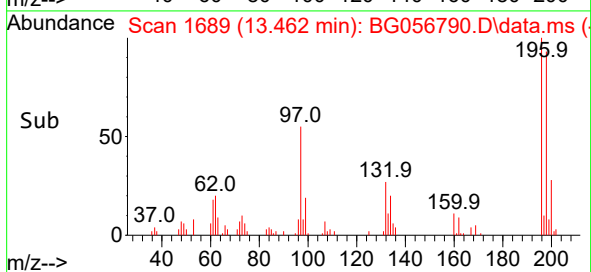
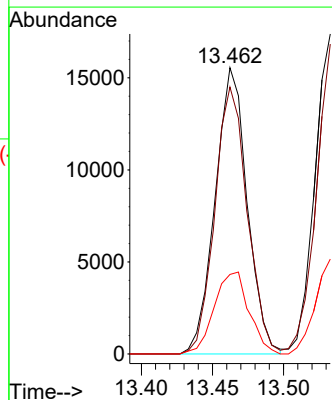
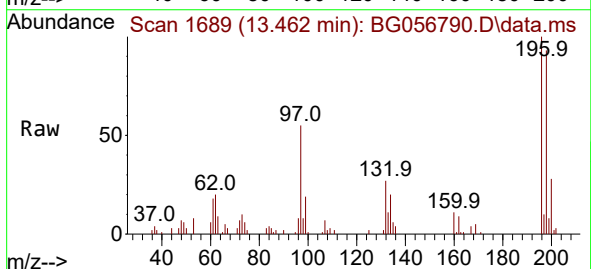
Tgt Ion:196 Resp: 24432

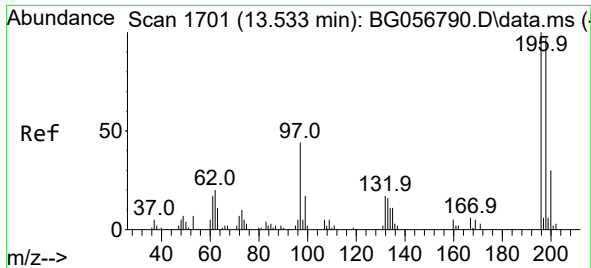
Ion Ratio Lower Upper

196 100

198 93.2 75.0 112.6

200 27.8 22.1 33.1

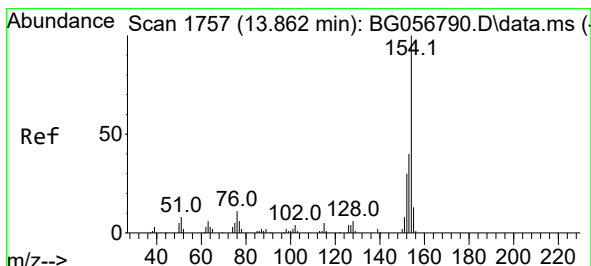
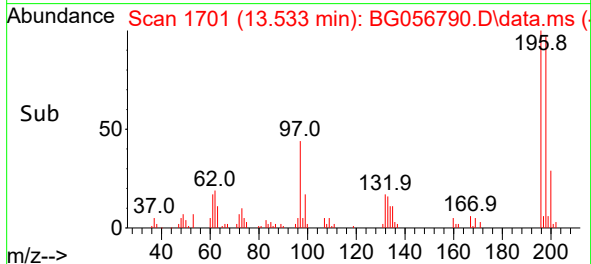
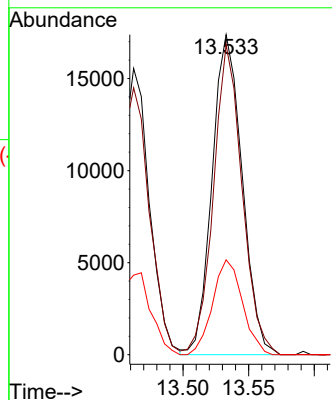
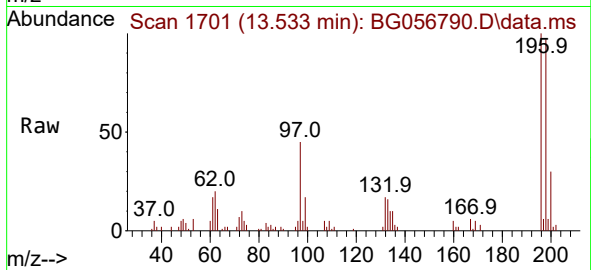




#42
2,4,5-Trichlorophenol
Concen: 23.282 ng/ul
RT: 13.533 min Scan# 1701
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

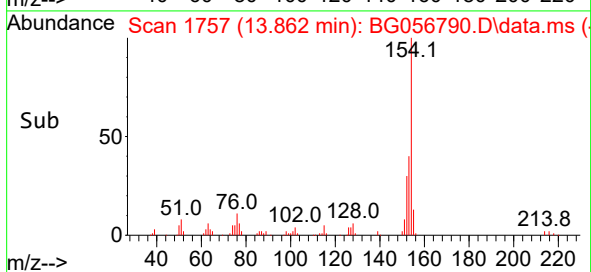
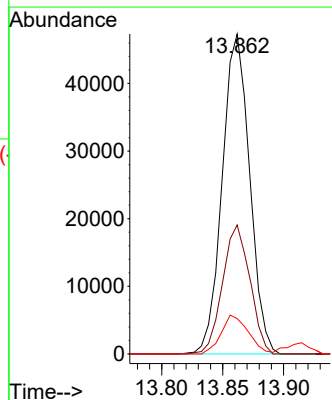
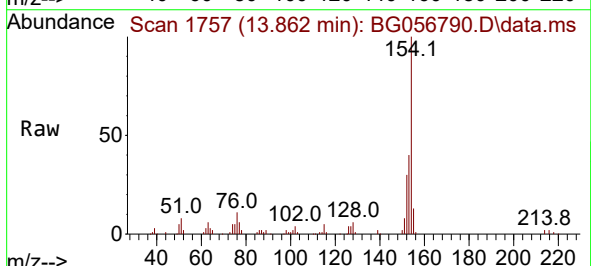
Instrument :
BNA_G
ClientSampleId :
SSTD020452

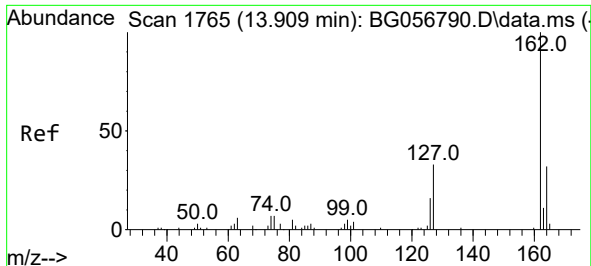
Tgt Ion:196 Resp: 27705
Ion Ratio Lower Upper
196 100
198 96.9 80.1 120.1
200 29.7 26.7 40.1



#43
1,1'-Biphenyl
Concen: 21.803 ng/ul
RT: 13.862 min Scan# 1757
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:154 Resp: 74166
Ion Ratio Lower Upper
154 100
153 40.3 32.0 48.0
76 11.1 9.0 13.4

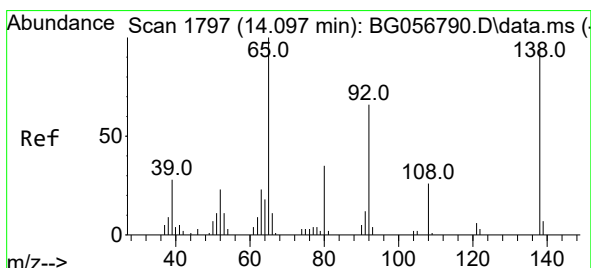
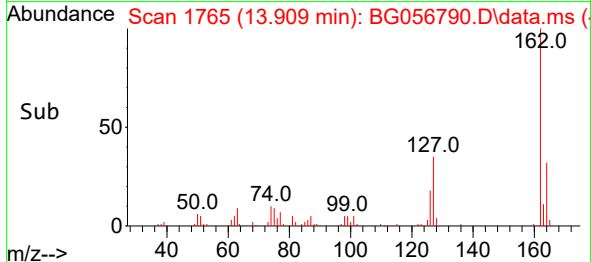
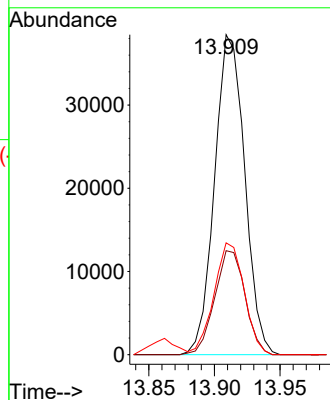
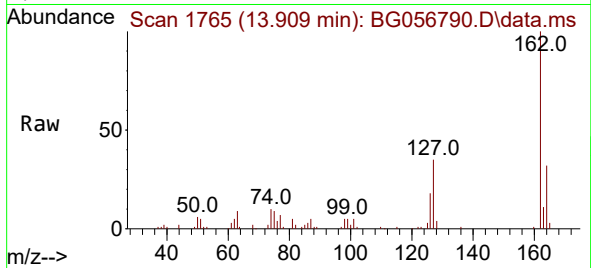




#44
2-Chloronaphthalene
Concen: 21.821 ng/ul
RT: 13.909 min Scan# 1765
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

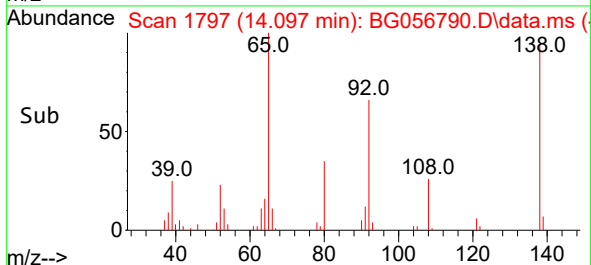
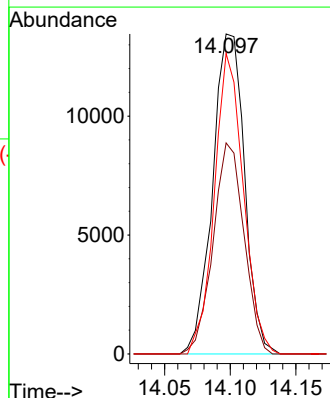
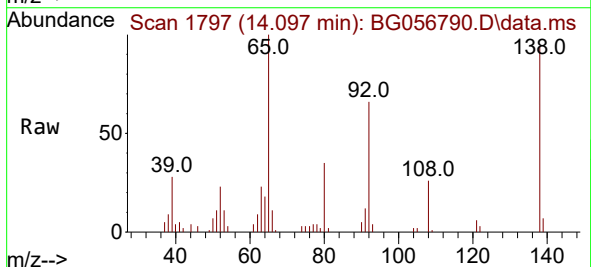
Instrument :
BNA_G
ClientSampleId :
SSTD020452

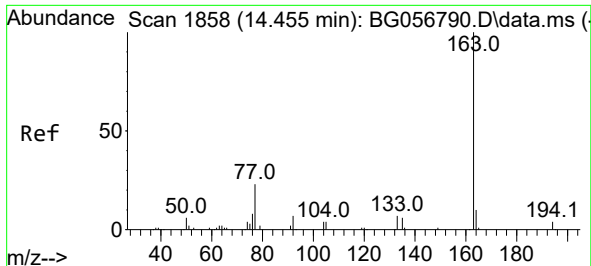
Tgt Ion:162 Resp: 61416
Ion Ratio Lower Upper
162 100
164 32.5 23.3 34.9
127 35.0 25.8 38.8



#45
2-Nitroaniline
Concen: 23.326 ng/ul
RT: 14.097 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion: 65 Resp: 22788
Ion Ratio Lower Upper
65 100
92 66.0 53.9 80.9
138 93.9 73.8 110.6





#47

Dimethylphthalate

Concen: 22.130 ng/ul

RT: 14.455 min Scan# 1858

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

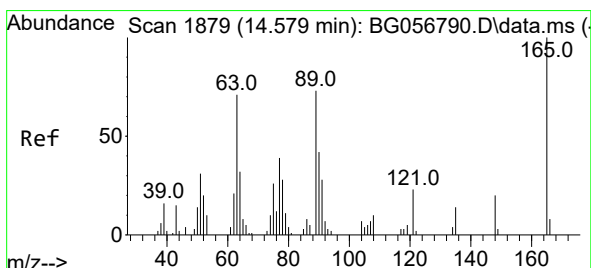
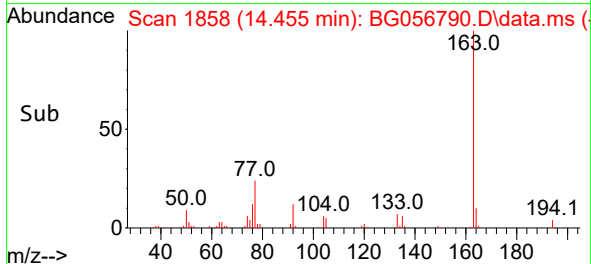
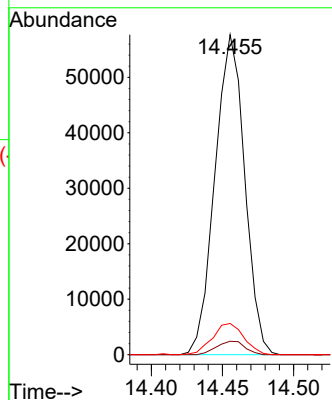
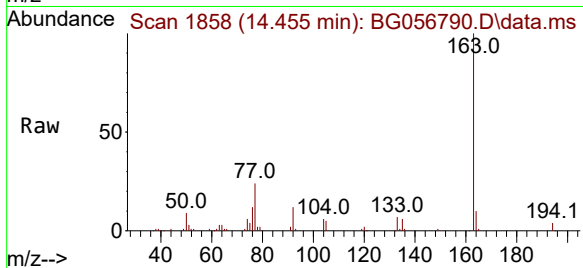
Tgt Ion:163 Resp: 83997

Ion Ratio Lower Upper

163 100

194 4.2 2.5 3.7#

164 9.7 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 22.984 ng/ul

RT: 14.579 min Scan# 1879

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

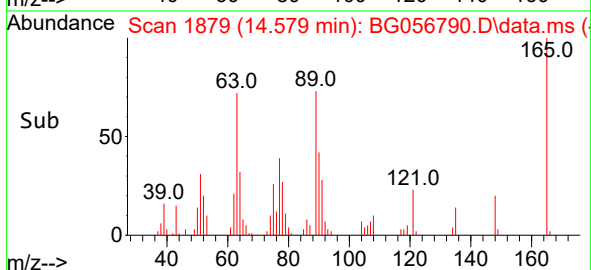
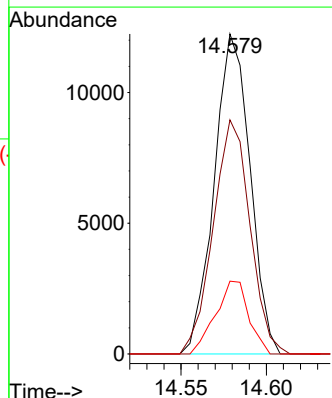
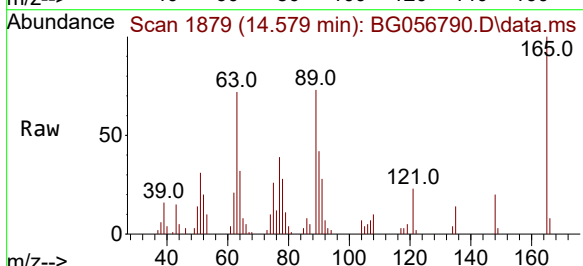
Tgt Ion:165 Resp: 17883

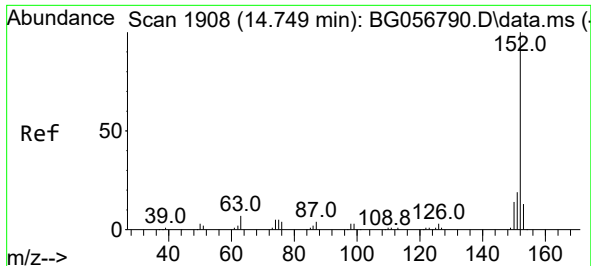
Ion Ratio Lower Upper

165 100

89 73.2 48.4 72.6#

121 22.7 15.5 23.3

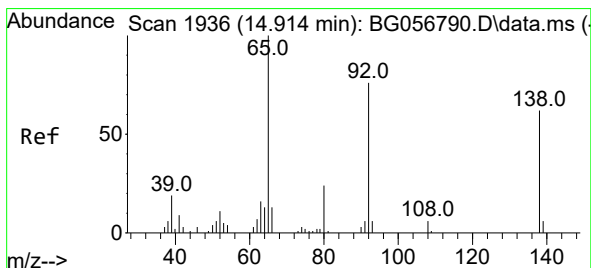
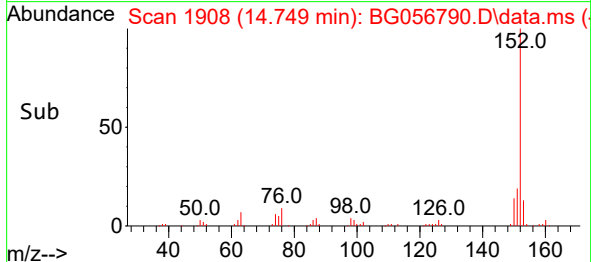
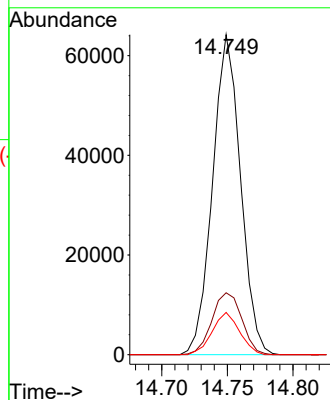
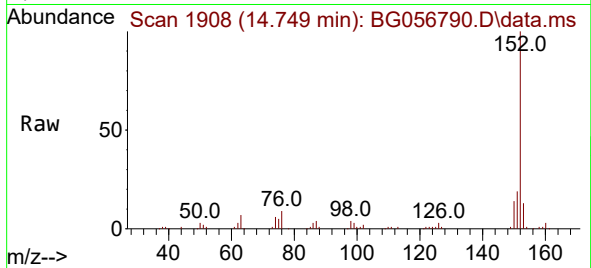




#50
Acenaphthylene
Concen: 22.181 ng/ul
RT: 14.749 min Scan# 1908
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

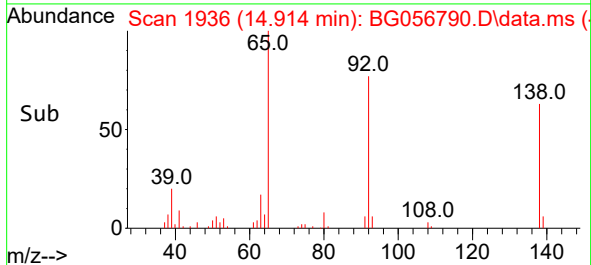
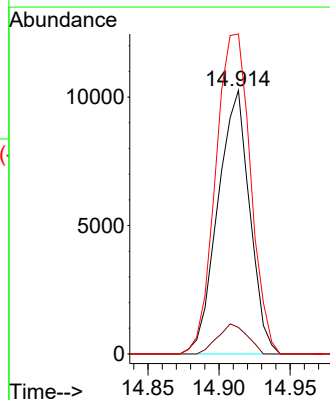
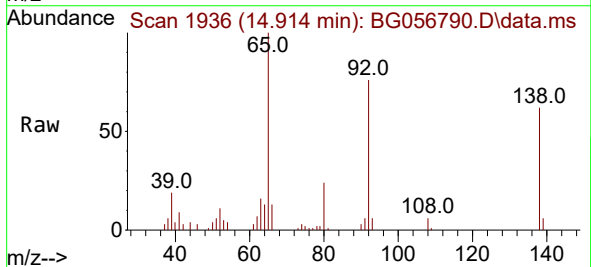
Instrument :
BNA_G
ClientSampleId :
SSTD020452

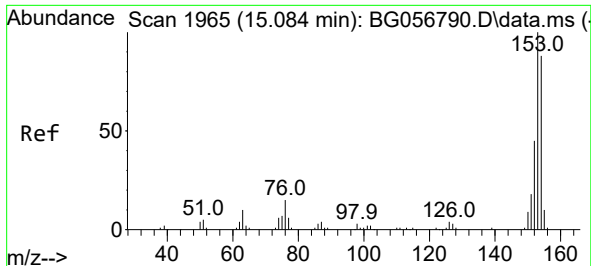
Tgt Ion:152 Resp: 95055
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.2 10.6 16.0



#51
3-Nitroaniline
Concen: 23.034 ng/ul
RT: 14.914 min Scan# 1936
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:138 Resp: 16040
Ion Ratio Lower Upper
138 100
108 10.1 6.5 9.7#
92 121.4 102.2 153.2

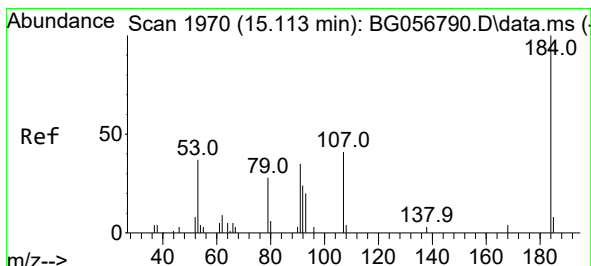
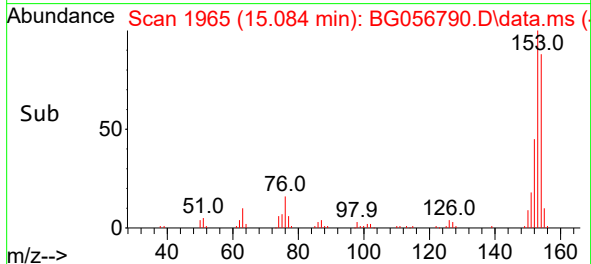
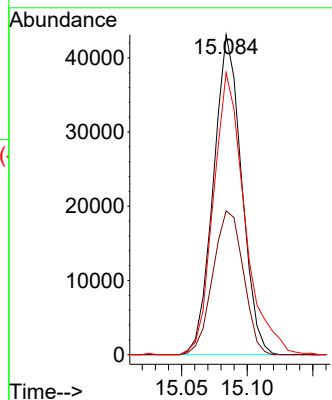
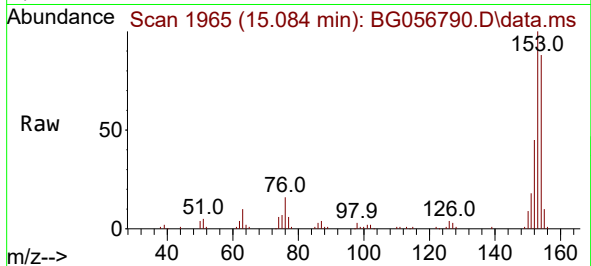




#52
Acenaphthene
Concen: 21.813 ng/ul
RT: 15.084 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

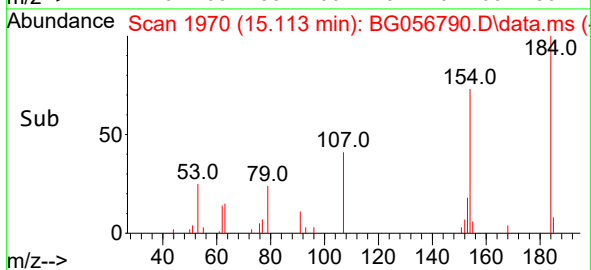
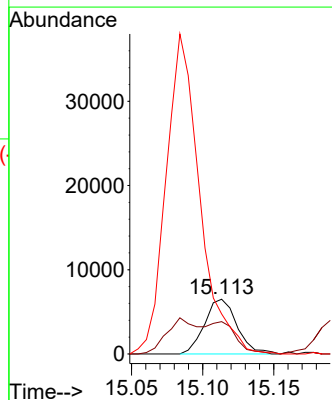
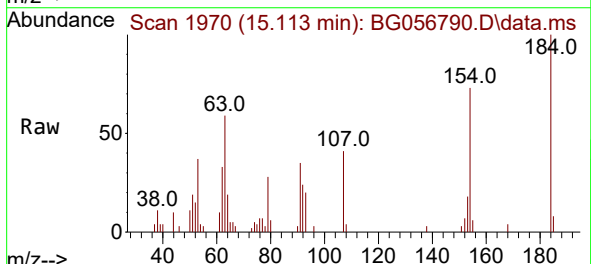
Instrument :
BNA_G
ClientSampleId :
SSTD020452

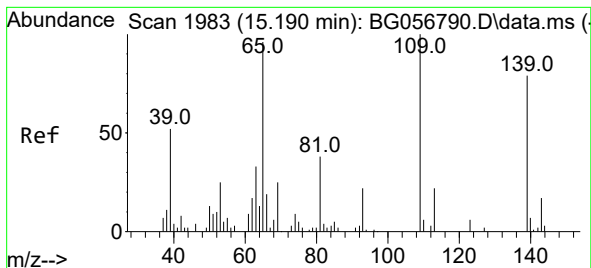
Tgt Ion:153 Resp: 64217
Ion Ratio Lower Upper
153 100
152 44.9 38.6 58.0
154 88.1 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 20.714 ng/ul
RT: 15.113 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:184 Resp: 10325
Ion Ratio Lower Upper
184 100
63 59.1 43.8 65.6
154 73.2 66.8 100.2

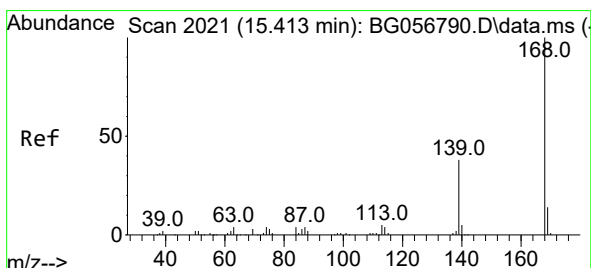
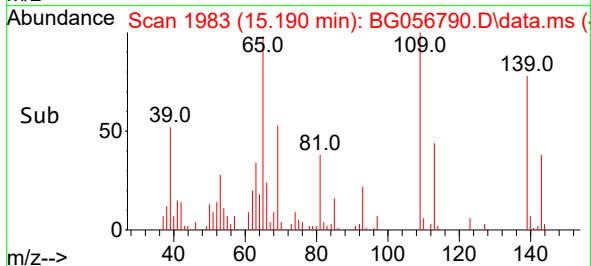
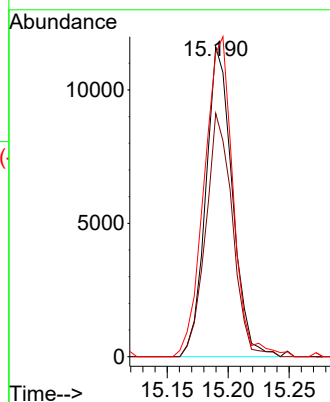
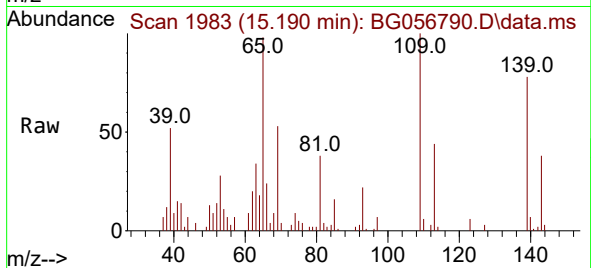




#55
4-Nitrophenol
Concen: 23.612 ng/ul
RT: 15.190 min Scan# 1983
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

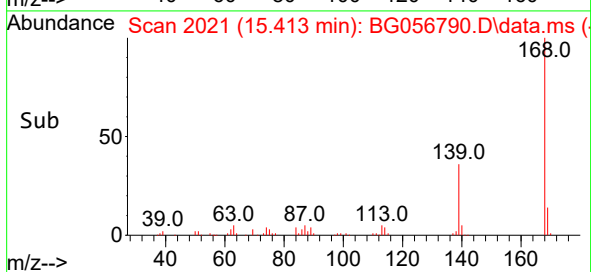
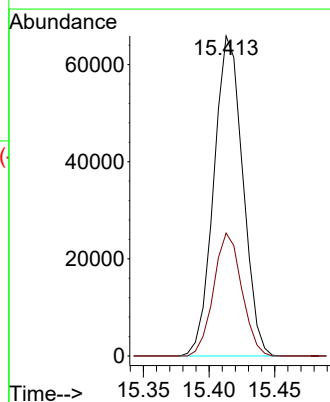
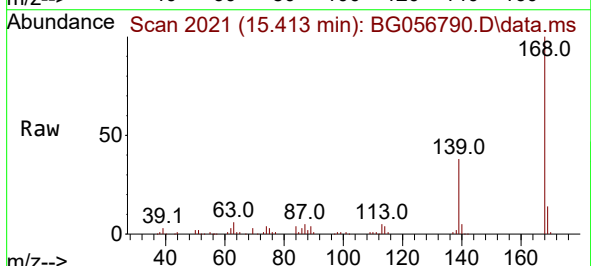
Instrument :
BNA_G
ClientSampleId :
SSTD020452

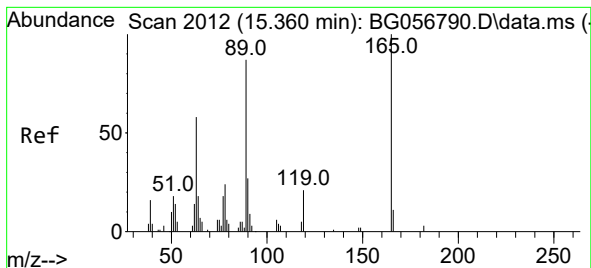
Tgt Ion	Ratio	Lower	Upper
109	100		
139	78.5	71.2	106.8
65	97.8	85.1	127.7



#56
Dibenzofuran
Concen: 22.652 ng/ul
RT: 15.413 min Scan# 2021
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	28.2	42.2

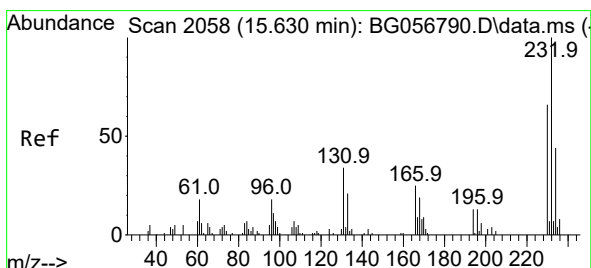
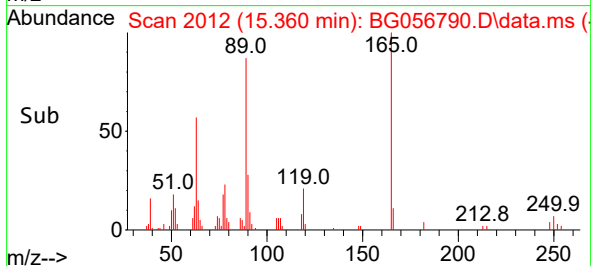
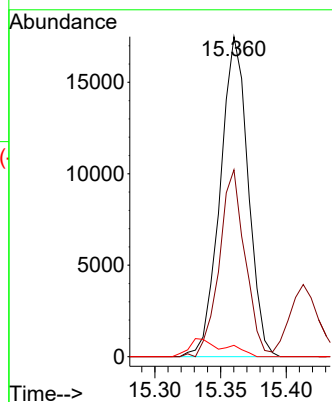
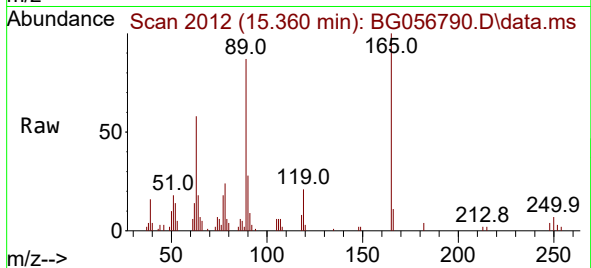




#57
2,4-Dinitrotoluene
Concen: 23.281 ng/ul
RT: 15.360 min Scan# 2012
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

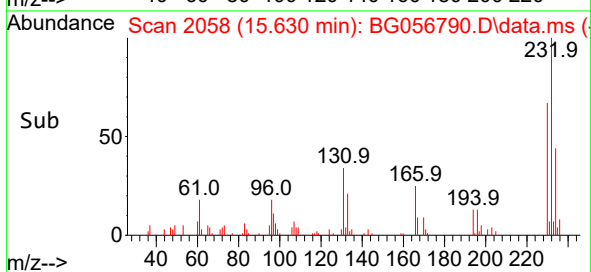
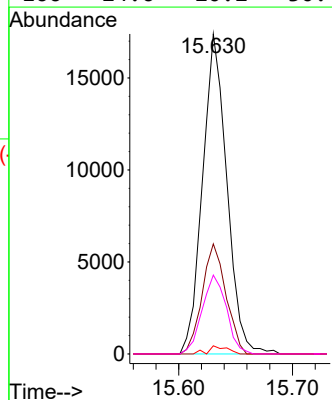
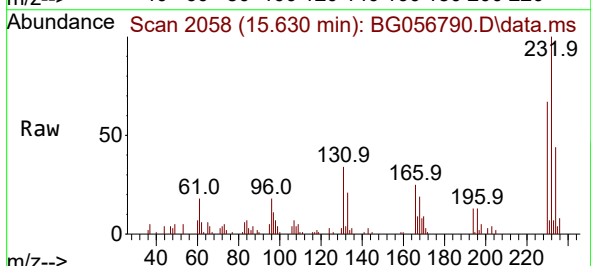
Instrument :
BNA_G
ClientSampleId :
SSTD020452

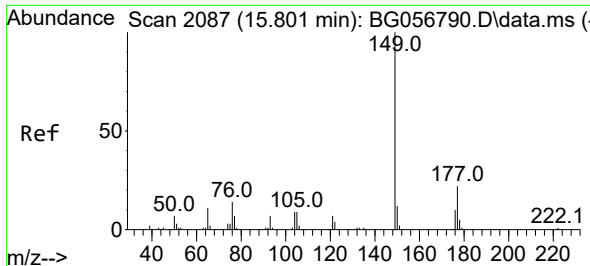
Tgt Ion:165 Resp: 25969
Ion Ratio Lower Upper
165 100
63 58.4 38.6 58.0#
182 3.5 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.325 ng/ul
RT: 15.630 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:232 Resp: 25829
Ion Ratio Lower Upper
232 100
131 34.4 27.8 41.8
130 2.5 1.8 2.6
166 24.6 20.2 30.4

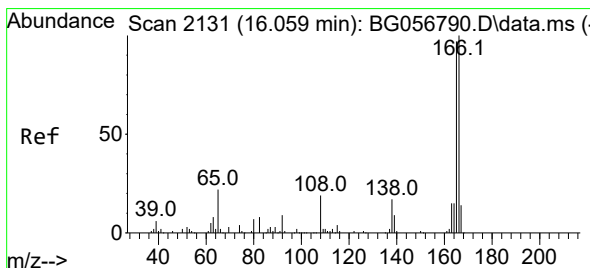
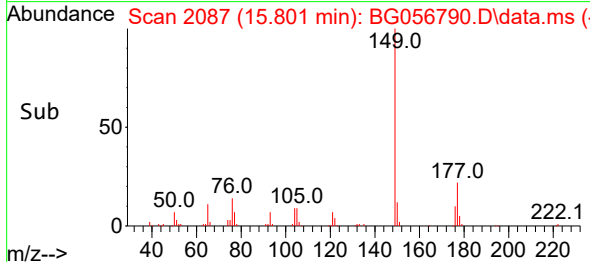
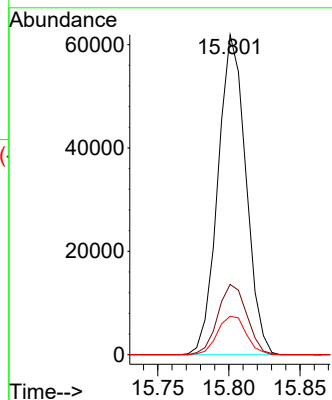
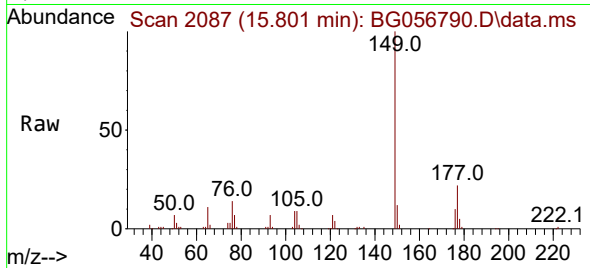




#59
Diethylphthalate
Concen: 22.267 ng/ul
RT: 15.801 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

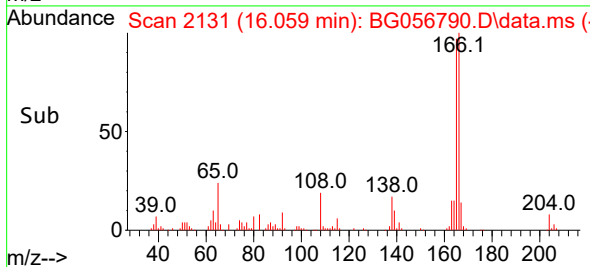
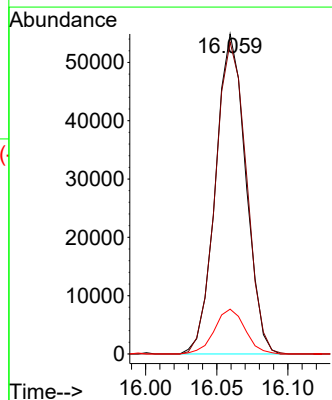
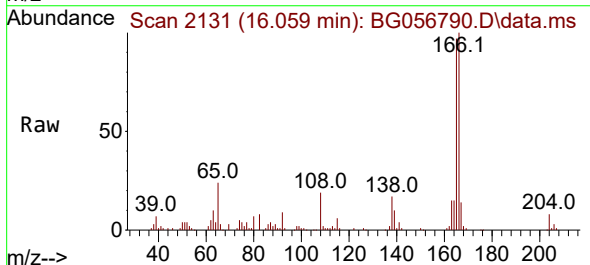
Instrument :
BNA_G
ClientSampleId :
SSTD020452

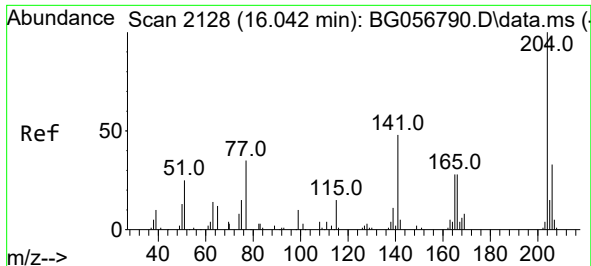
Tgt Ion:149 Resp: 84599
Ion Ratio Lower Upper
149 100
177 21.9 18.6 28.0
150 12.0 10.7 16.1



#61
Fluorene
Concen: 22.622 ng/ul
RT: 16.059 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:166 Resp: 80949
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 14.0 10.5 15.7

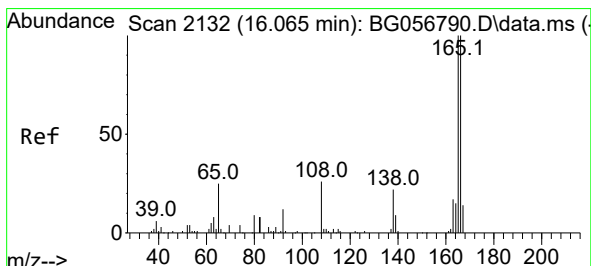
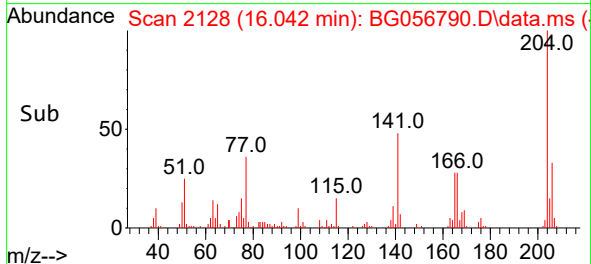
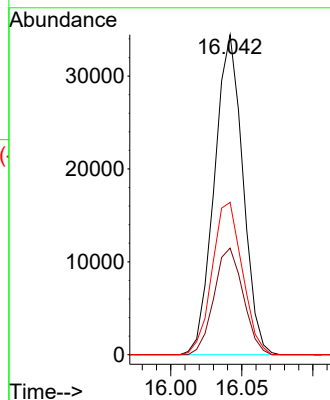
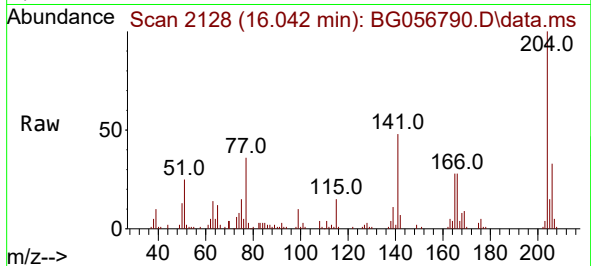




#62
4-Chlorophenyl-phenylether
Concen: 22.664 ng/ul
RT: 16.042 min Scan# 2128
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

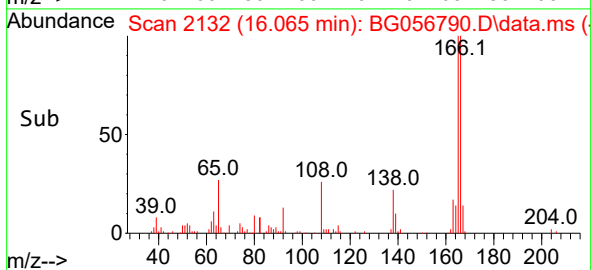
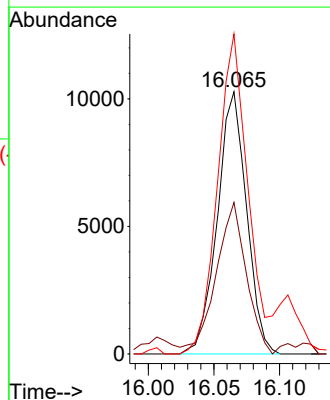
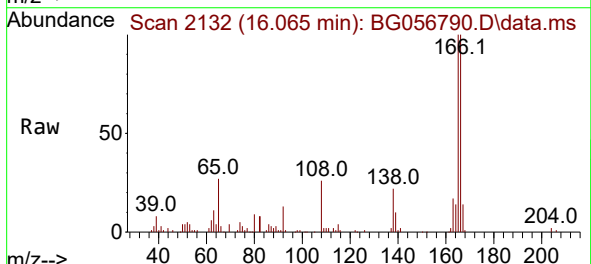
Instrument :
BNA_G
ClientSampleId :
SSTD020452

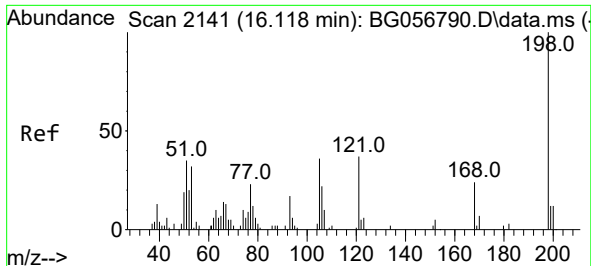
Tgt Ion:204 Resp: 48038
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 47.6 39.7 59.5



#63
4-Nitroaniline
Concen: 23.442 ng/ul
RT: 16.065 min Scan# 2132
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:138 Resp: 15950
Ion Ratio Lower Upper
138 100
92 57.8 48.6 73.0
108 122.0 93.0 139.6

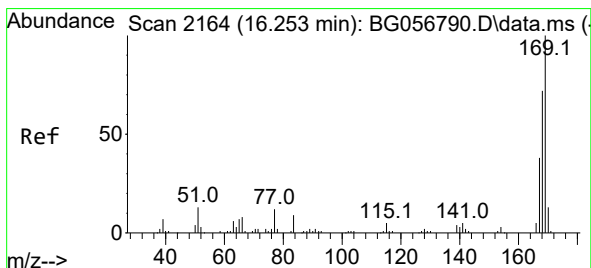
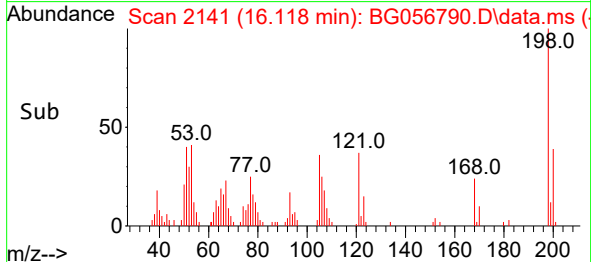
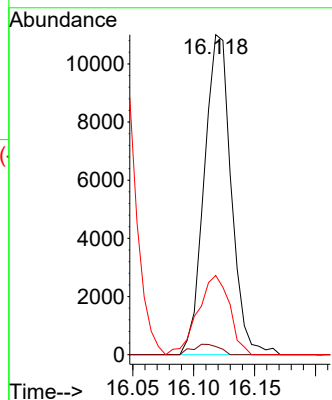
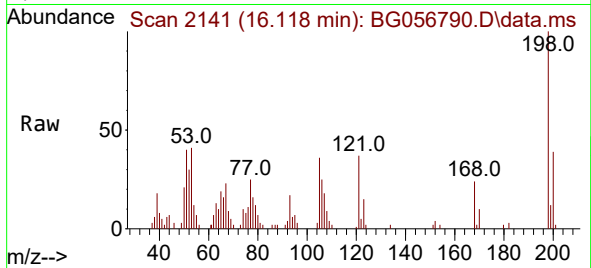




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.815 ng/ul
 RT: 16.118 min Scan# 2141
 Delta R.T. -0.002 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

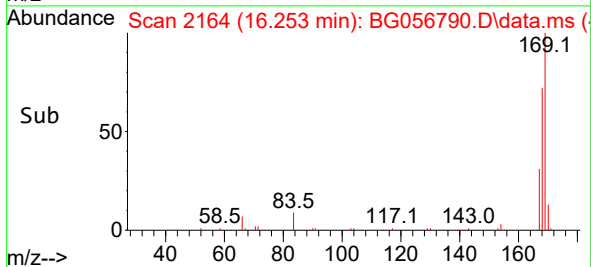
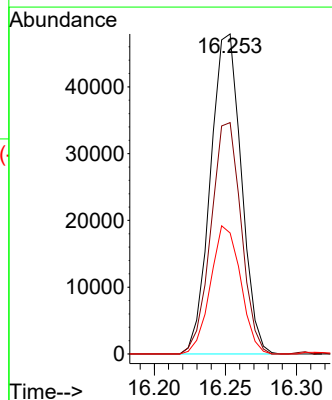
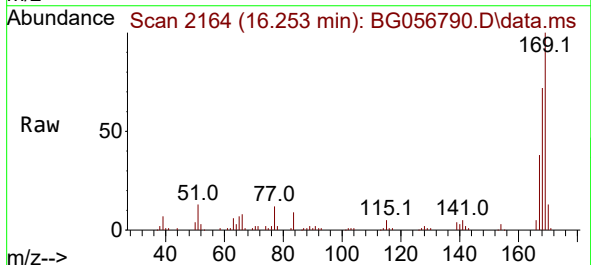
Instrument :
 BNA_G
 ClientSampleId :
 SST020452

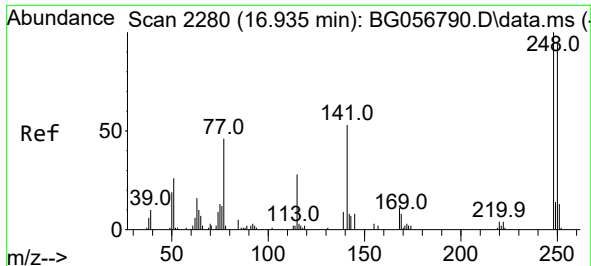
Tgt Ion:198 Resp: 16983
 Ion Ratio Lower Upper
 198 100
 182 2.5 2.4 3.6
 77 24.8 21.0 31.6



#67
 N-Nitrosodiphenylamine
 Concen: 20.525 ng/ul
 RT: 16.253 min Scan# 2164
 Delta R.T. 0.004 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

Tgt Ion:169 Resp: 72302
 Ion Ratio Lower Upper
 169 100
 168 72.3 55.1 82.7
 167 37.8 28.3 42.5

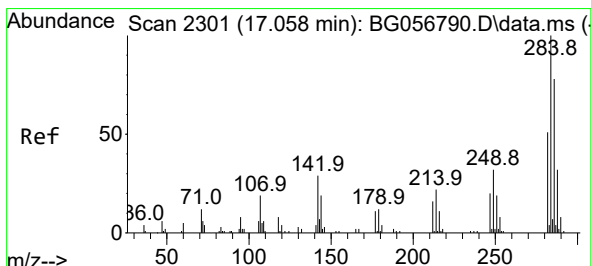
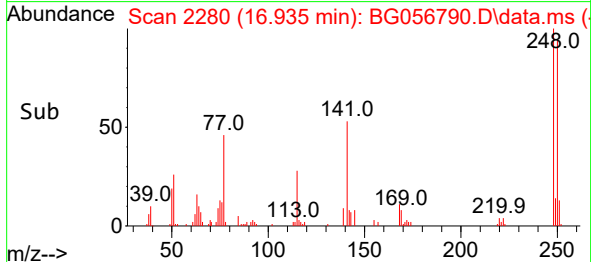
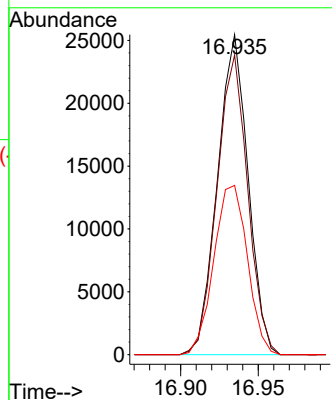
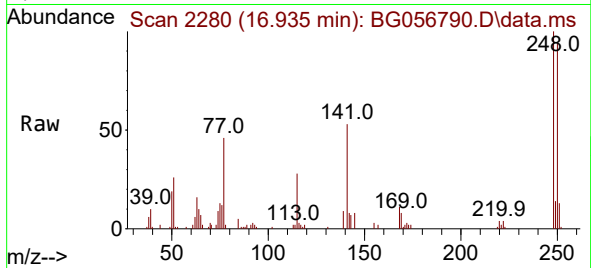




#68
4-Bromophenyl-phenylether
Concen: 21.769 ng/ul
RT: 16.935 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

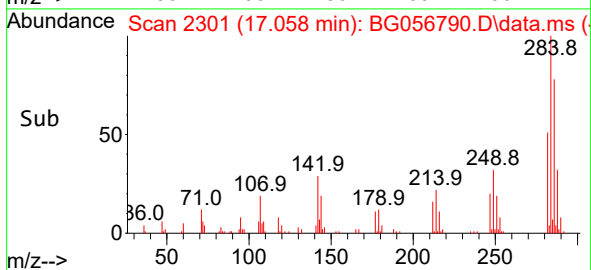
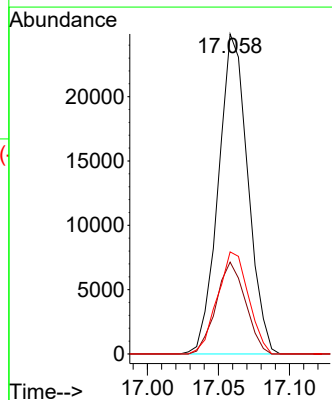
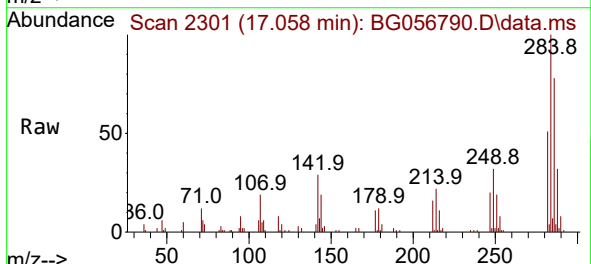
Instrument :
BNA_G
ClientSampleId :
SSTD020452

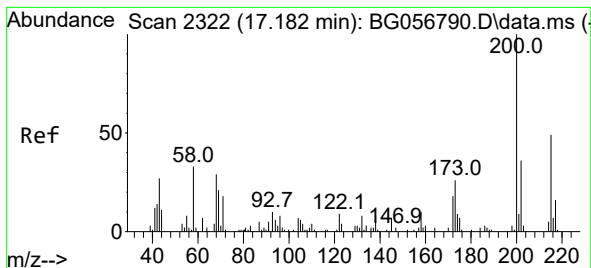
Tgt Ion:248 Resp: 34946
Ion Ratio Lower Upper
248 100
250 93.7 80.4 120.6
141 52.9 47.6 71.4



#69
Hexachlorobenzene
Concen: 20.835 ng/ul
RT: 17.058 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:284 Resp: 35934
Ion Ratio Lower Upper
284 100
142 28.7 21.8 32.6
249 31.9 25.9 38.9





#70

Atrazine

Concen: 21.625 ng/ul

RT: 17.182 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

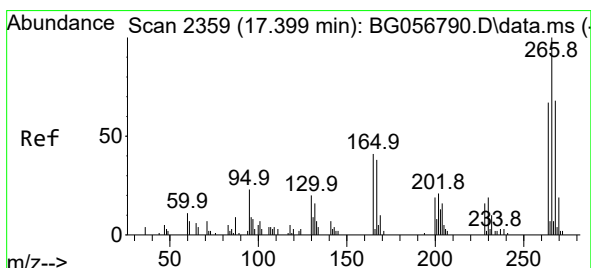
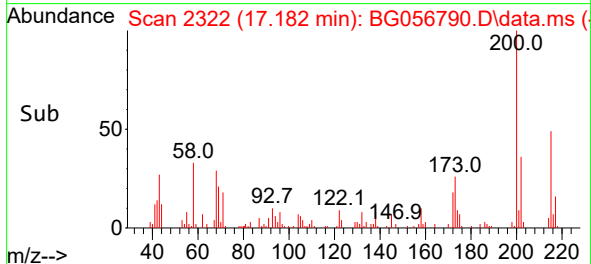
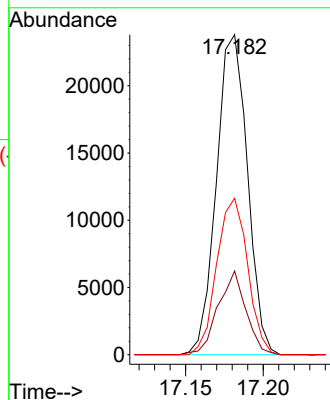
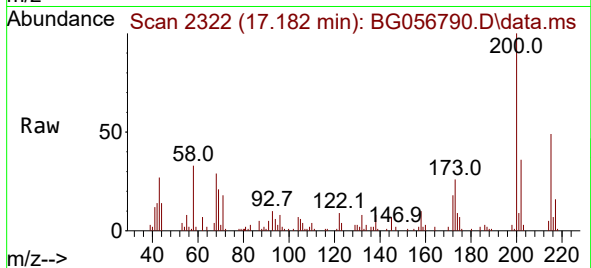
Tgt Ion:200 Resp: 33085

Ion Ratio Lower Upper

200 100

173 26.2 17.4 26.0#

215 48.9 41.7 62.5



#71

Pentachlorophenol

Concen: 18.456 ng/ul

RT: 17.399 min Scan# 2359

Delta R.T. 0.004 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

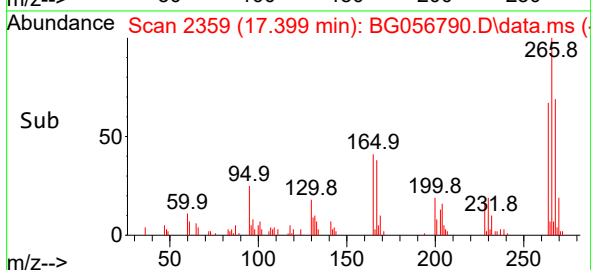
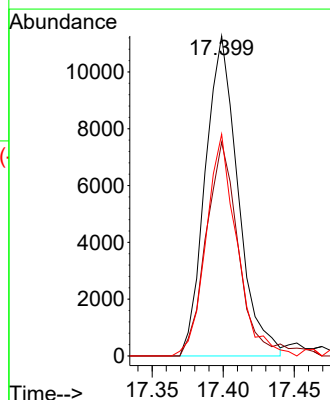
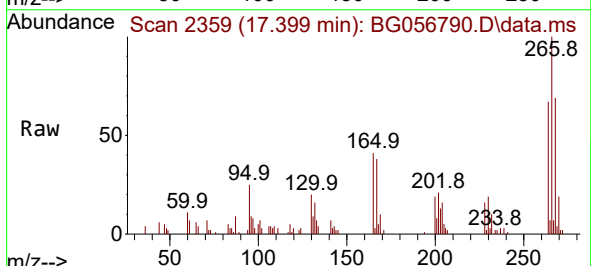
Tgt Ion:266 Resp: 18074

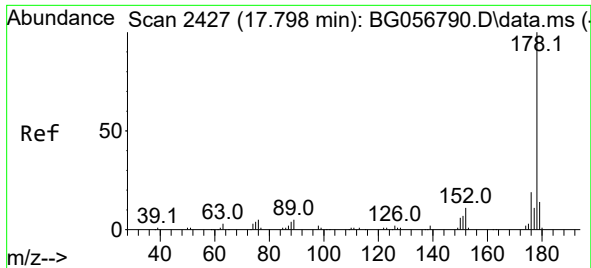
Ion Ratio Lower Upper

266 100

264 66.8 49.9 74.9

268 69.3 54.5 81.7

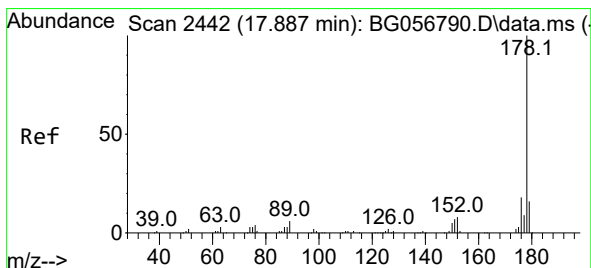
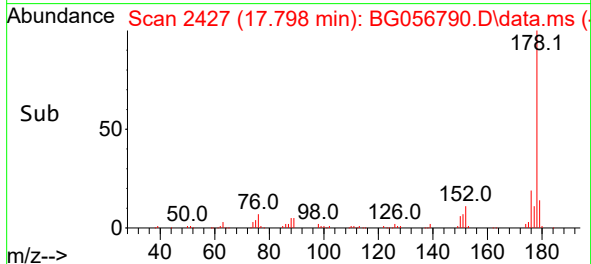
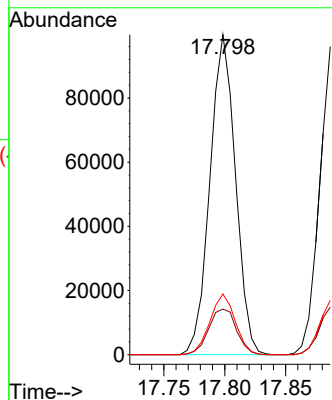
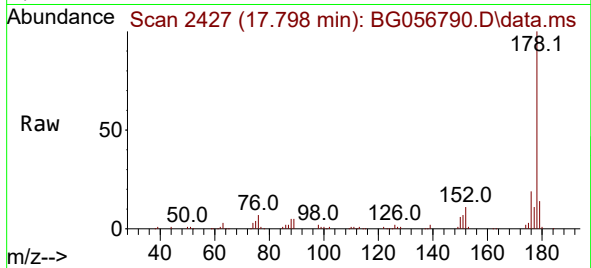




#72
Phenanthrene
Concen: 21.159 ng/ul
RT: 17.798 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

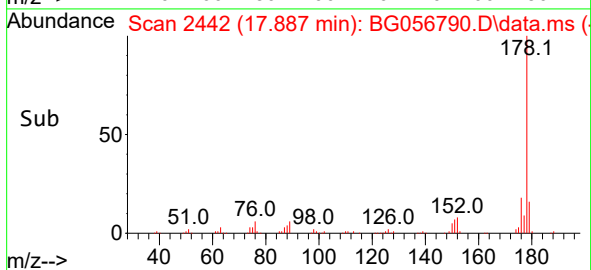
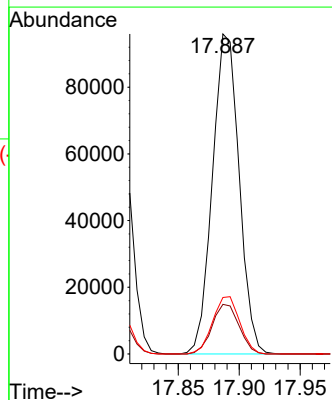
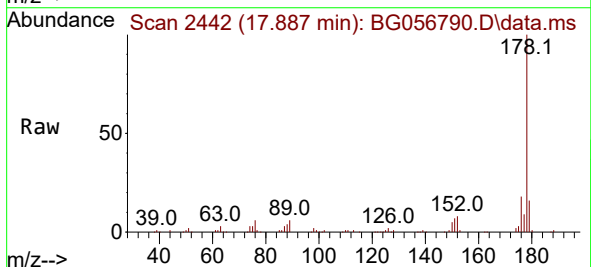
Instrument :
BNA_G
ClientSampleId :
SSTD020452

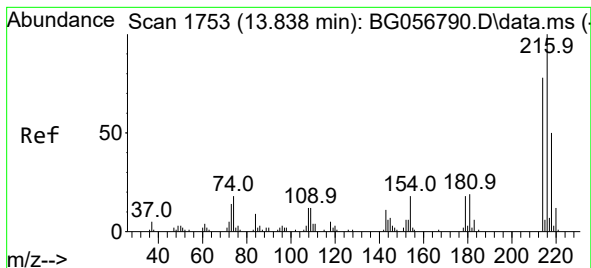
Tgt Ion:178 Resp: 145190
Ion Ratio Lower Upper
178 100
179 14.3 12.1 18.1
176 18.9 14.4 21.6



#74
Anthracene
Concen: 21.101 ng/ul
RT: 17.887 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:178 Resp: 146318
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 17.6 14.1 21.1

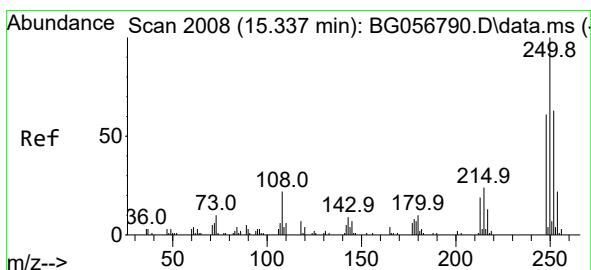
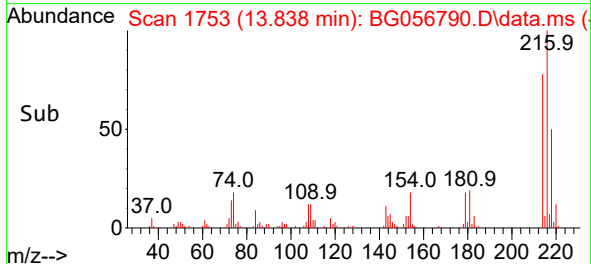
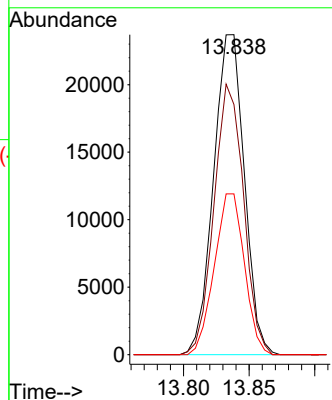
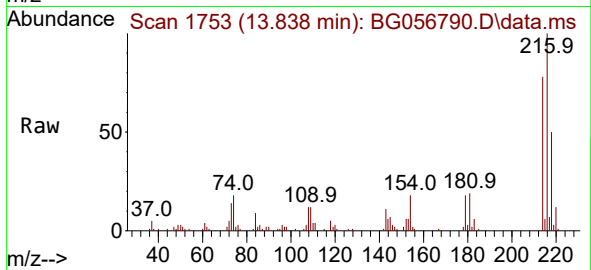




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.968 ng/uL
RT: 13.838 min Scan# 1753
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

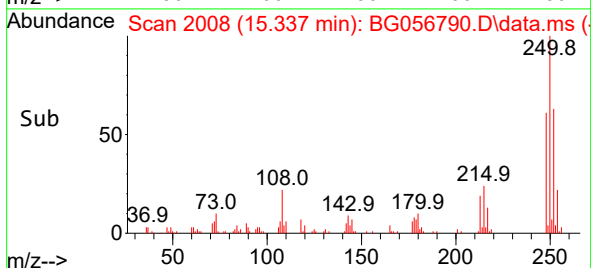
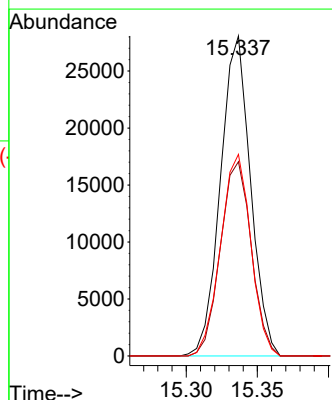
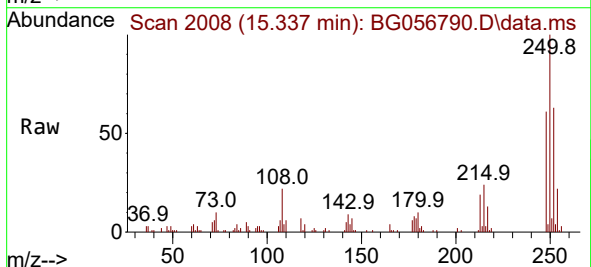
Instrument :
BNA_G
ClientSampleId :
SSTD020452

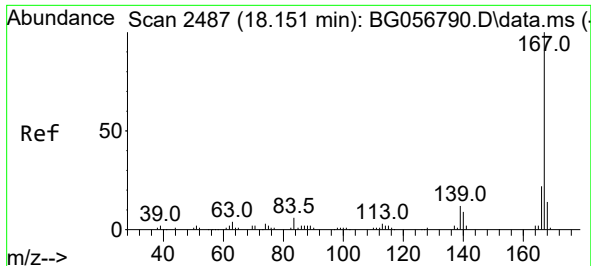
Tgt Ion:216 Resp: 38697
Ion Ratio Lower Upper
216 100
214 78.1 64.2 96.2
218 50.3 36.6 54.8



#76
Pentachlorobenzene
Concen: 21.023 ng/uL
RT: 15.337 min Scan# 2008
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:250 Resp: 41320
Ion Ratio Lower Upper
250 100
248 60.7 47.1 70.7
252 63.0 52.4 78.6

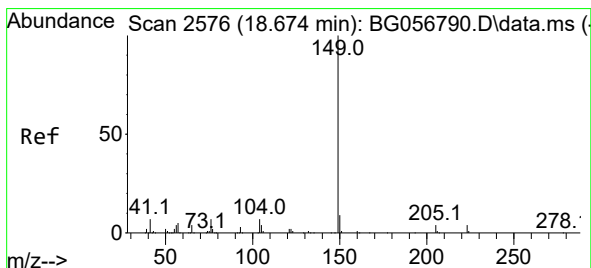
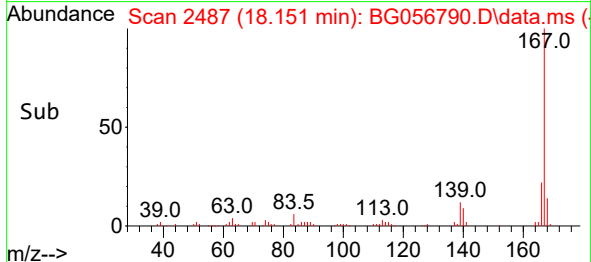
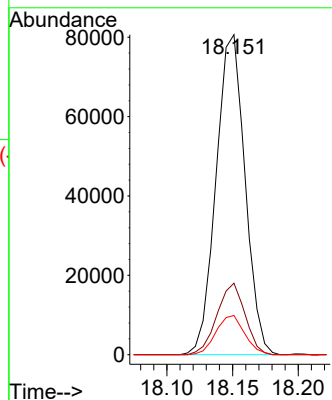
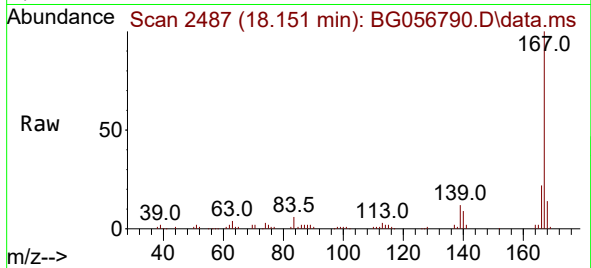




#77
 Carbazole
 Concen: 21.317 ng/ul
 RT: 18.151 min Scan# 2487
 Delta R.T. 0.004 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

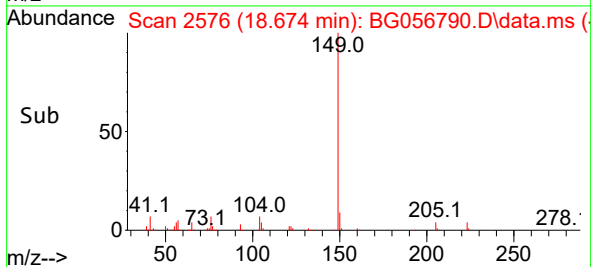
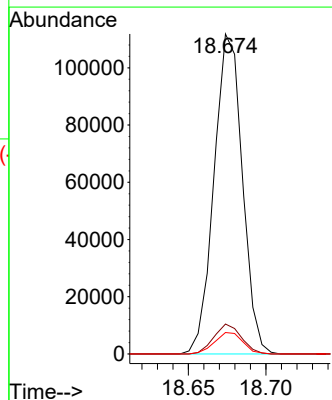
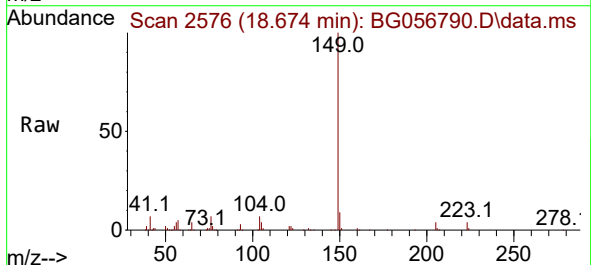
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

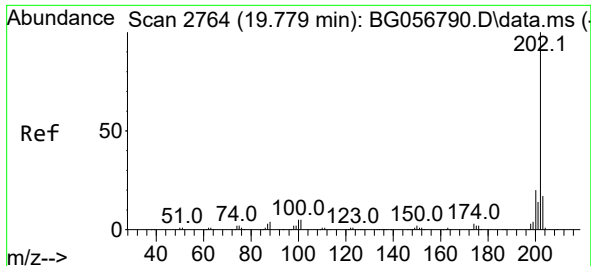
Tgt Ion:167 Resp: 123682
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.3 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 21.255 ng/ul
 RT: 18.674 min Scan# 2576
 Delta R.T. -0.002 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

Tgt Ion:149 Resp: 142134
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 6.7 5.4 8.2

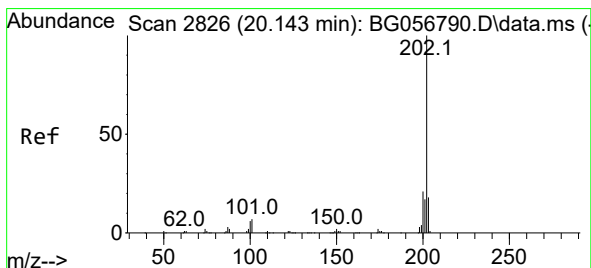
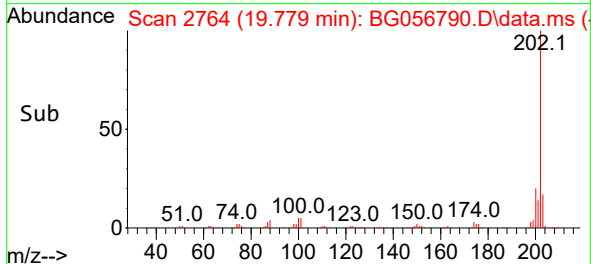
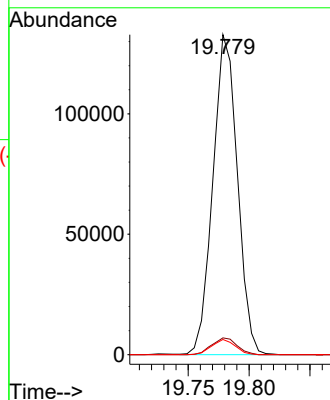
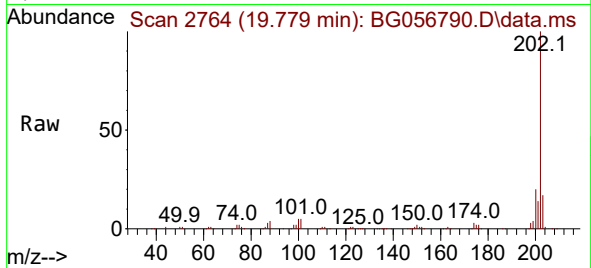




#80
Fluoranthene
Concen: 18.112 ng/ul
RT: 19.779 min Scan# 2764
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

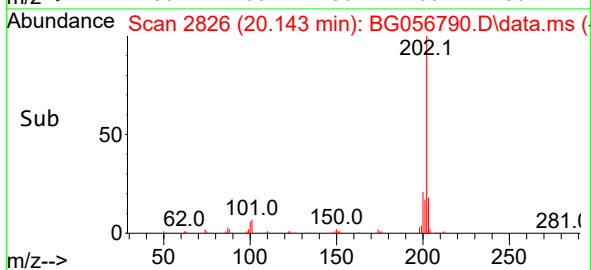
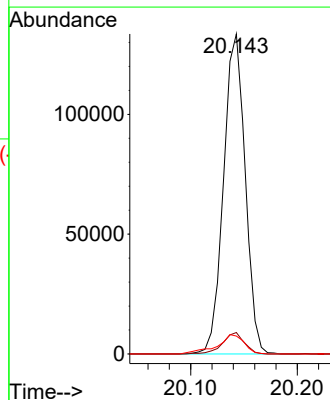
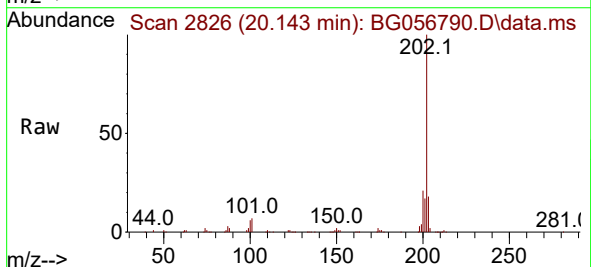
Instrument :
BNA_G
ClientSampleId :
SSTD020452

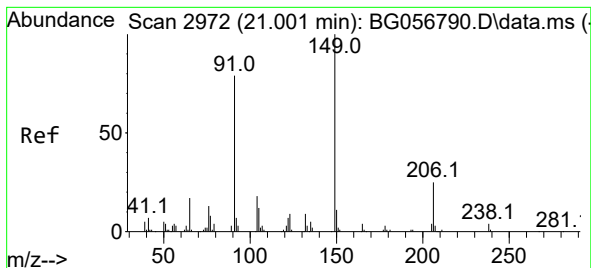
Tgt Ion:202 Resp: 186135
Ion Ratio Lower Upper
202 100
101 5.2 4.7 7.1
100 4.7 4.4 6.6



#82
Pyrene
Concen: 18.587 ng/ul
RT: 20.143 min Scan# 2826
Delta R.T. 0.004 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:202 Resp: 188191
Ion Ratio Lower Upper
202 100
101 6.7 5.3 7.9
100 5.6 4.6 7.0





#83

Butylbenzylphthalate

Concen: 19.184 ng/ul

RT: 21.001 min Scan# 2972

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

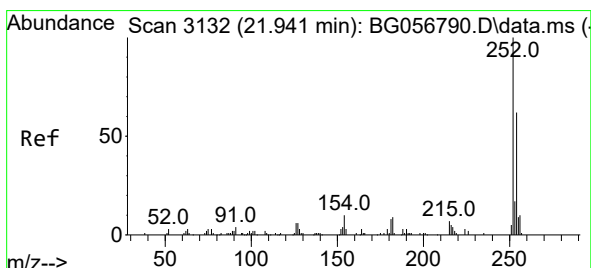
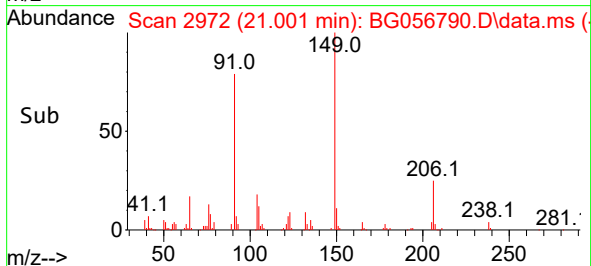
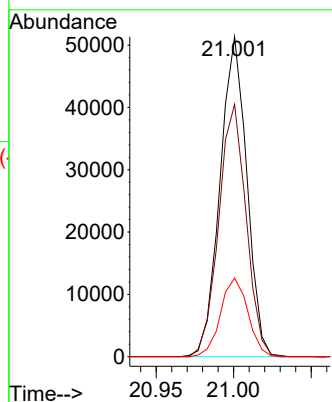
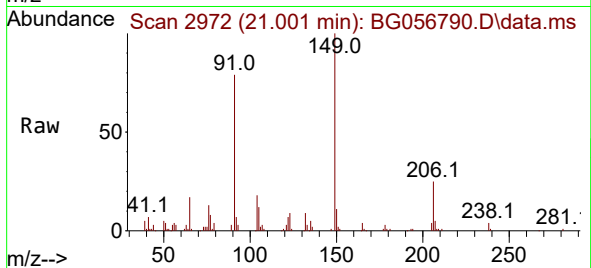
Tgt Ion:149 Resp: 61616

Ion Ratio Lower Upper

149 100

91 78.9 59.3 88.9

206 24.5 19.7 29.5



#84

3,3'-Dichlorobenzidine

Concen: 22.333 ng/ul

RT: 21.941 min Scan# 3132

Delta R.T. 0.004 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

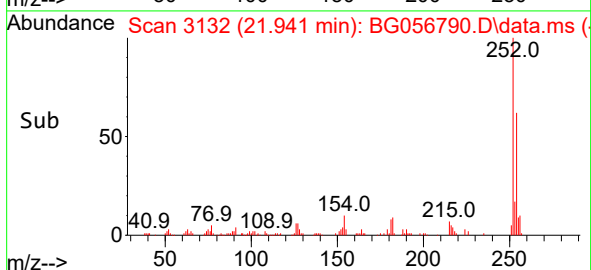
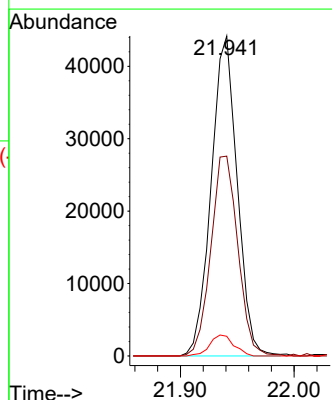
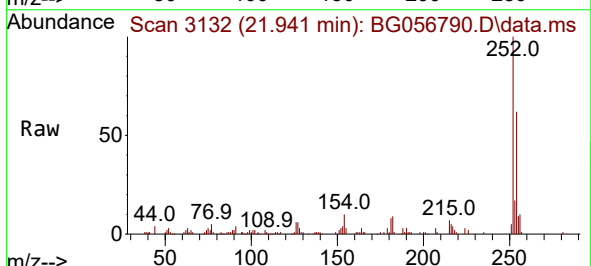
Tgt Ion:252 Resp: 70333

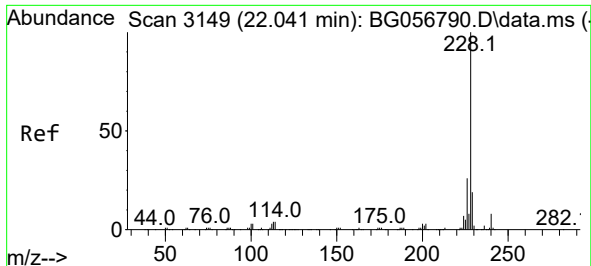
Ion Ratio Lower Upper

252 100

254 62.5 52.6 78.8

126 6.1 5.0 7.6

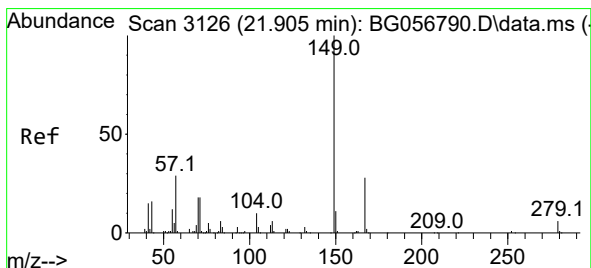
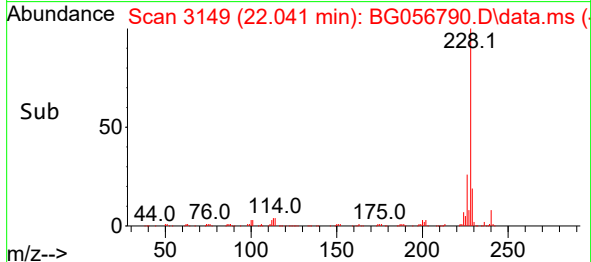
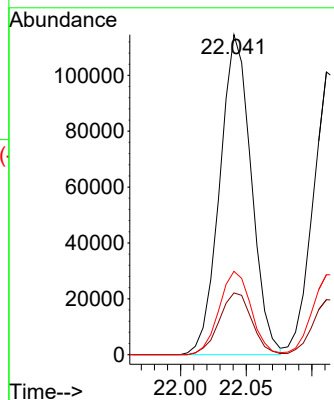
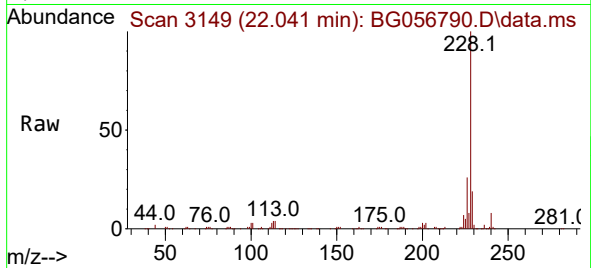




#85
Benzo(a)anthracene
Concen: 20.923 ng/ul
RT: 22.041 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

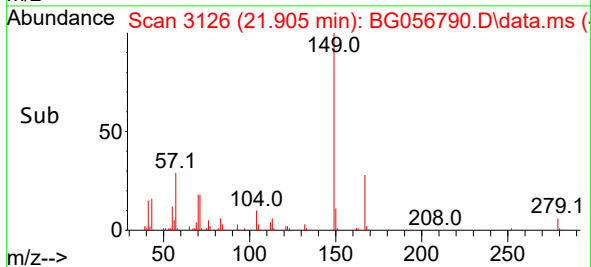
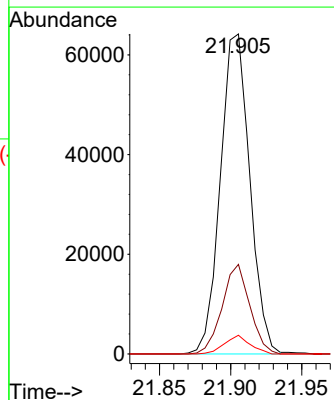
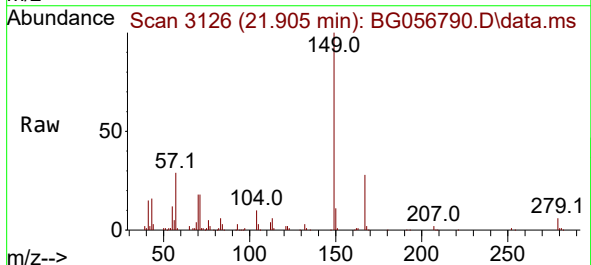
Instrument :
BNA_G
ClientSampleId :
SSTD020452

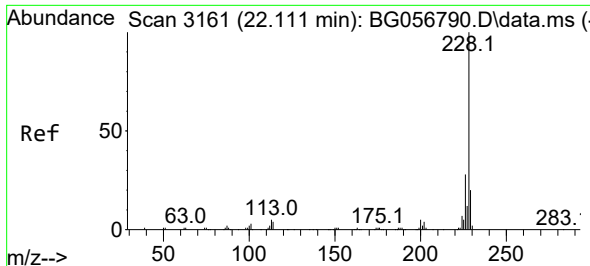
Tgt Ion:228 Resp: 191272
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.4
226 26.1 20.6 31.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.489 ng/ul
RT: 21.905 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:149 Resp: 92446
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 5.9 4.2 6.2

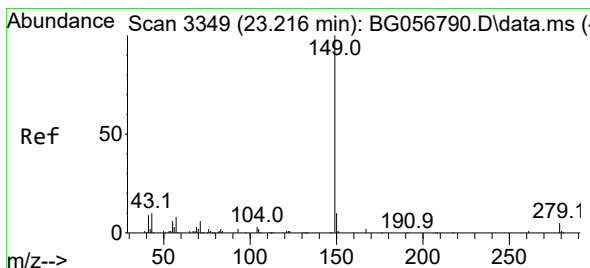
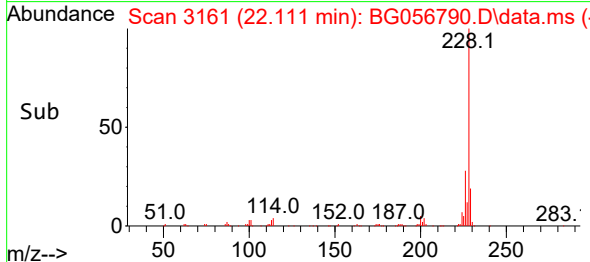
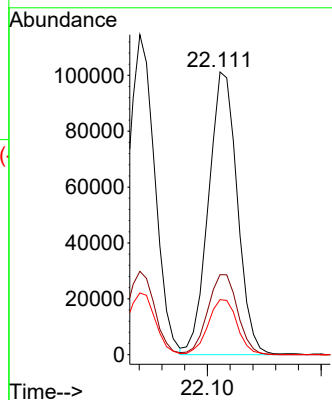
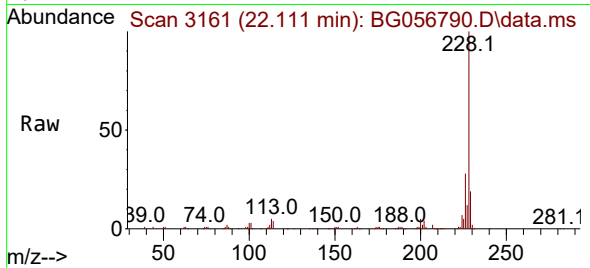




#87
Chrysene
Concen: 20.959 ng/ul
RT: 22.111 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

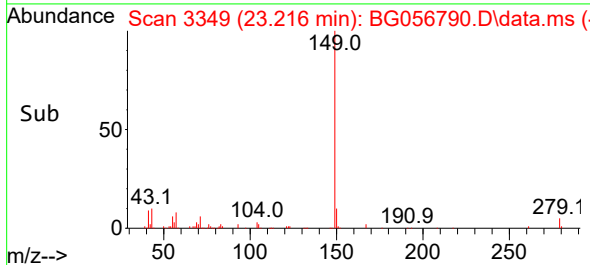
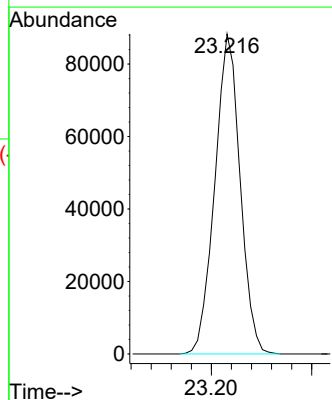
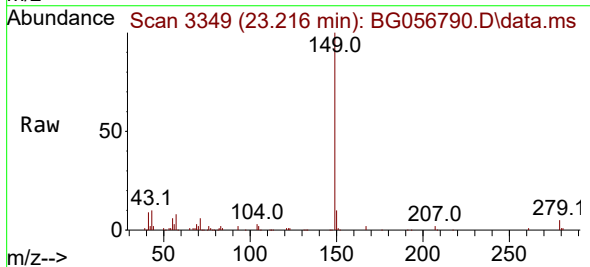
Instrument :
BNA_G
ClientSampleId :
SSTD020452

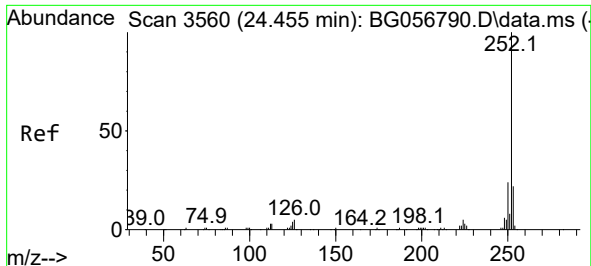
Tgt Ion:228 Resp: 178452
Ion Ratio Lower Upper
228 100
226 28.3 23.6 35.4
229 19.5 15.4 23.0



#89
Di-n-octyl phthalate
Concen: 20.659 ng/ul
RT: 23.216 min Scan# 3349
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:149 Resp: 154377

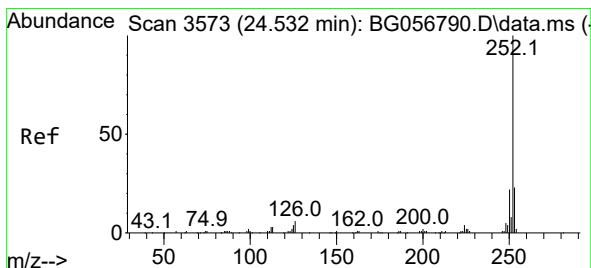
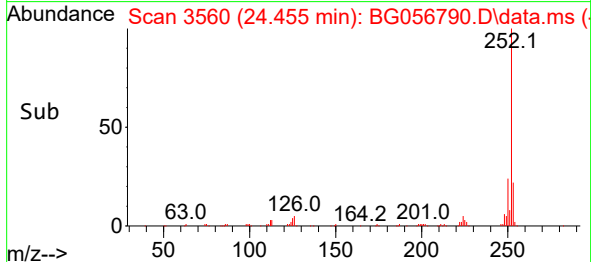
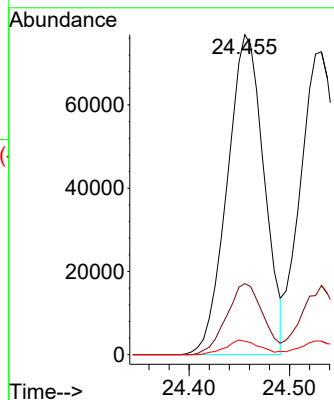
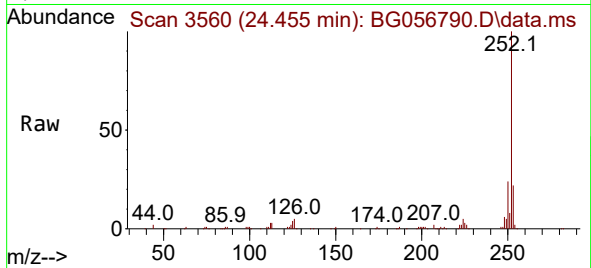




#90
Benzo(b)fluoranthene
Concen: 21.310 ng/ul
RT: 24.455 min Scan# 3560
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

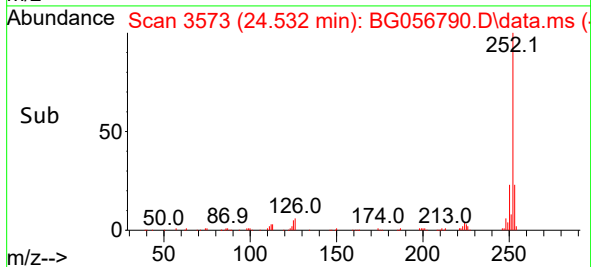
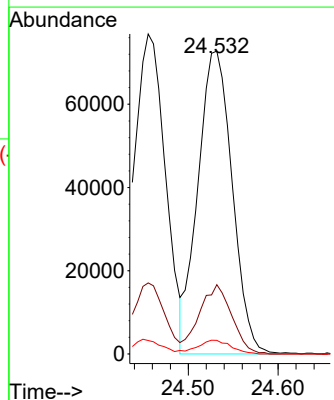
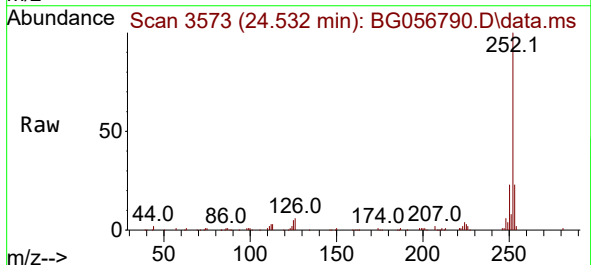
Instrument :
BNA_G
ClientSampleId :
SSTD020452

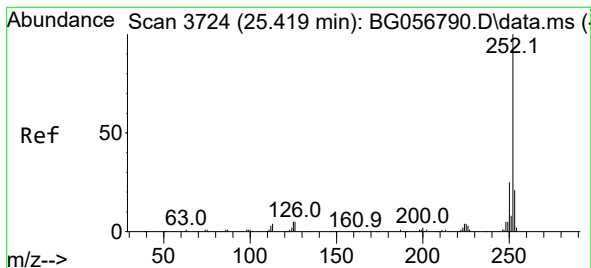
Tgt Ion:252 Resp: 196078
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 4.2 3.0 4.6



#91
Benzo(k)fluoranthene
Concen: 21.550 ng/ul
RT: 24.532 min Scan# 3573
Delta R.T. -0.002 min
Lab File: BG056790.D
Acq: 2 Mar 2023 14:40

Tgt Ion:252 Resp: 193141
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 4.5 3.4 5.2





#93

Benzo(a)pyrene

Concen: 21.020 ng/ul

RT: 25.419 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

Instrument :

BNA_G

ClientSampleId :

SSTD020452

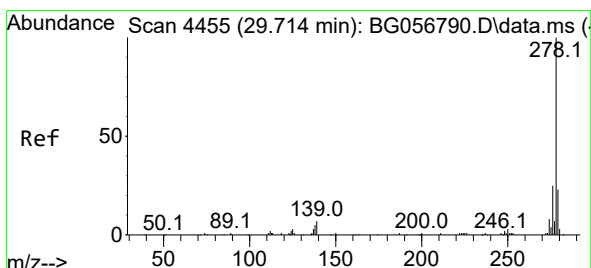
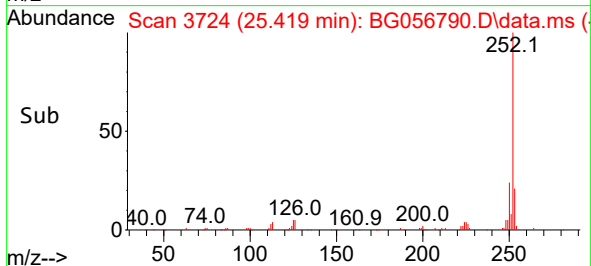
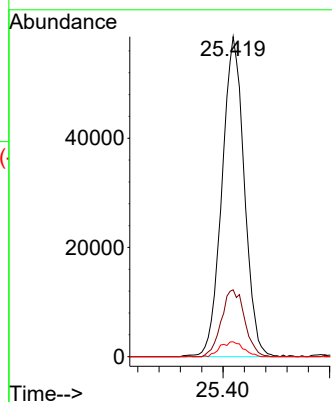
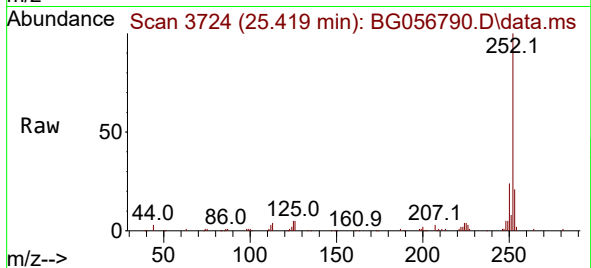
Tgt Ion:252 Resp: 170012

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

125 4.7 3.6 5.4



#95

Dibenzo(a,h)anthracene

Concen: 21.194 ng/ul

RT: 29.714 min Scan# 4455

Delta R.T. -0.002 min

Lab File: BG056790.D

Acq: 2 Mar 2023 14:40

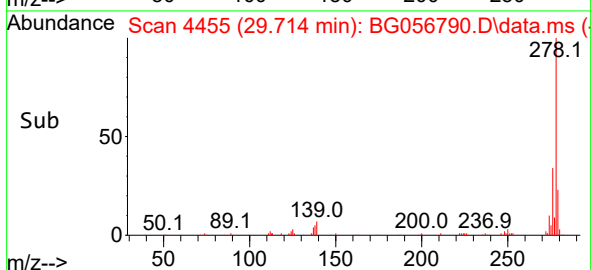
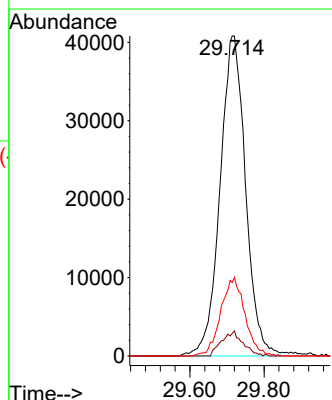
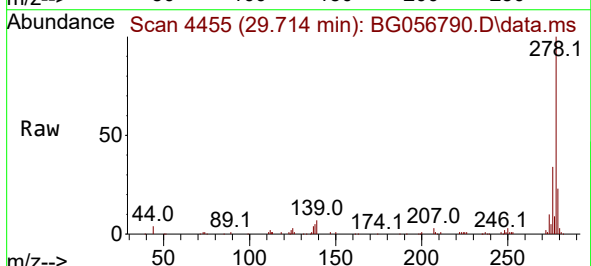
Tgt Ion:278 Resp: 194703

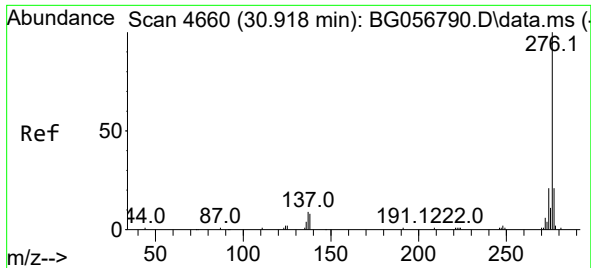
Ion Ratio Lower Upper

278 100

139 7.0 4.3 6.5#

279 23.0 21.7 32.5





#96
 Benzo(g,h,i)perylene
 Concen: 21.403 ng/ul
 RT: 30.918 min Scan# 4
 Delta R.T. -0.008 min
 Lab File: BG056790.D
 Acq: 2 Mar 2023 14:40

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020452

Tgt Ion:276 Resp: 187847
 Ion Ratio Lower Upper
 276 100
 138 8.3 6.5 9.7
 277 21.3 20.7 31.1

