

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
 Data File : BG056206.D
 Acq On : 4 Jan 2023 19:10
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV406

Quant Time: Jan 05 01:04:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:03:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	48258	20.000	ng/ul	0.00
20) Naphthalene-d8	11.168	136	193345	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	164543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	436323	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	409184	20.000	ng/ul	0.00
88) Perylene-d12	25.439	264	442094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	8839	8.296	ng/uL	0.00
4) Pyridine-d5	4.070	84	67103	19.715	ng/ul	0.00
7) Phenol-d5	7.466	99	81376	19.114	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	33680	19.292	ng/ul	0.00
11) 2-Chlorophenol-d4	7.860	132	55912	19.627	ng/ul	0.00
15) 4-Methylphenol-d8	9.029	113	65036	19.171	ng/ul	0.00
21) Nitrobenzene-d5	9.511	128	28758	18.836	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	38950	19.508	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.774	165	77949	19.585	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	87856	19.615	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	255508	19.570	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	278347	19.408	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	40801	19.797	ng/ul	0.00
60) Fluorene-d10	15.927	176	247365	20.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	59171	19.301	ng/ul	0.00
73) Anthracene-d10	17.777	188	403844	20.138	ng/ul	0.00
81) Pyrene-d10	20.045	212	477417	19.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.198	264	450006	19.849	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	10074	8.481	ng/uL#	91
5) Pyridine	4.088	79	64826	19.456	ng/ul#	95
6) Benzaldehyde	7.460	77	33334	22.317	ng/ul	98
8) Phenol	7.489	94	84613	20.125	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.736	93	59021	20.276	ng/ul	98
12) 2-Chlorophenol	7.889	128	58485	20.880	ng/ul	98
13) 2-Methylphenol	8.764	108	64246	19.890	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.853	45	10927	20.653	ng/ul#	77
16) Acetophenone	9.158	105	101657	19.477	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.135	70	46678	20.189	ng/ul	97
18) 4-Methylphenol	9.094	108	72195	20.579	ng/ul	93
19) Hexachloroethane	9.434	117	22373	20.522	ng/ul	87
22) Nitrobenzene	9.552	77	68223	19.678	ng/ul	98
23) Isophorone	10.069	82	146374	20.029	ng/ul	97
25) 2-Nitrophenol	10.269	139	39811	20.663	ng/ul	97
26) 2,4-Dimethylphenol	10.310	107	81404	20.629	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.545	93	81322	19.865	ng/ul	100
29) 2,4-Dichlorophenol	10.803	162	75679	20.167	ng/ul	97
30) Naphthalene	11.220	128	203431	20.102	ng/ul	99
32) 4-Chloroaniline	11.320	127	90882	19.861	ng/ul	95
33) Hexachlorobutadiene	11.497	225	67591	20.998	ng/ul	91
34) Caprolactam	12.061	113	22844	19.397	ng/ul#	89
35) 4-Chloro-3-methylphenol	12.407	107	74215	20.159	ng/ul	96
36) 2-Methylnaphthalene	12.795	142	159770	20.669	ng/ul	100

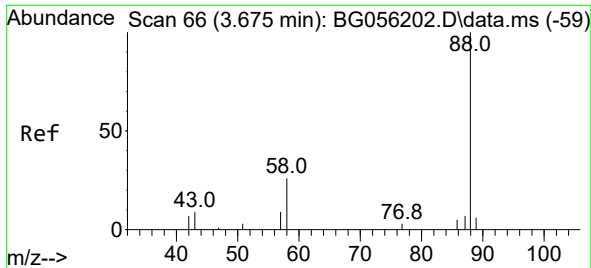
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	159077	20.011	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.159	216	130896	20.550	ng/ul	98
40) Hexachlorocyclopentadiene	13.136	237	75754	17.495	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.383	196	83214	20.576	ng/ul	97
42) 2,4,5-Trichlorophenol	13.459	196	88041	20.015	ng/ul	99
43) 1,1'-Biphenyl	13.782	154	235572	19.891	ng/ul	98
44) 2-Chloronaphthalene	13.835	162	196512	20.231	ng/ul	100
45) 2-Nitroaniline	14.023	65	39084	21.085	ng/ul	92
47) Dimethylphthalate	14.381	163	263489	20.420	ng/ul	99
48) 2,6-Dinitrotoluene	14.505	165	55097	20.336	ng/ul	97
50) Acenaphthylene	14.675	152	289775	19.948	ng/ul	100
51) 3-Nitroaniline	14.834	138	43458	21.180	ng/ul	94
52) Acenaphthene	15.010	153	206382	20.531	ng/ul	98
53) 2,4-Dinitrophenol	15.039	184	41001	21.162	ng/ul#	93
55) 4-Nitrophenol	15.128	109	39542	20.511	ng/ul	96
56) Dibenzofuran	15.339	168	315221	20.285	ng/ul	99
57) 2,4-Dinitrotoluene	15.286	165	80747	20.915	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.557	232	87913	20.643	ng/ul	98
59) Diethylphthalate	15.733	149	251143	20.933	ng/ul	98
61) Fluorene	15.985	166	258334	20.642	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.968	204	161557	20.645	ng/ul	95
63) 4-Nitroaniline	15.991	138	41909	22.325	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.050	198	57884	19.782	ng/ul	98
67) N-Nitrosodiphenylamine	16.179	169	242065	20.790	ng/ul	98
68) 4-Bromophenyl-phenylether	16.861	248	114189	20.403	ng/ul	98
69) Hexachlorobenzene	16.984	284	111857	20.184	ng/ul	98
70) Atrazine	17.108	200	104097	19.614	ng/ul	99
71) Pentachlorophenol	17.325	266	69911	19.778	ng/ul	91
72) Phenanthrene	17.725	178	461137	20.729	ng/ul	100
74) Anthracene	17.813	178	467792	20.712	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.759	216	132944	20.216	ng/ul	99
76) Pentachlorobenzene	15.257	250	147242	21.883	ng/ul	95
77) Carbazole	18.077	167	389781	21.024	ng/ul	99
78) Di-n-butylphthalate	18.606	149	413810	21.152	ng/ul	100
80) Fluoranthene	19.710	202	590763	20.866	ng/ul	99
82) Pyrene	20.075	202	588790	20.794	ng/ul	99
83) Butylbenzylphthalate	20.933	149	169785	20.444	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.855	252	207403	21.437	ng/ul	99
85) Benzo(a)anthracene	21.955	228	578461	20.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	244113	20.329	ng/ul	96
87) Chrysene	22.025	228	543283	20.706	ng/ul	99
89) Di-n-octyl phthalate	23.112	149	410452	20.222	ng/ul	100
90) Benzo(b)fluoranthene	24.329	252	597548	20.245	ng/ul	100
91) Benzo(k)fluoranthene	24.399	252	580610	20.103	ng/ul	99
93) Benzo(a)pyrene	25.275	252	517460	20.024	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.411	276	615409	18.103	ng/ul	99
95) Dibenzo(a,h)anthracene	29.481	278	555260	19.544	ng/ul	99
96) Benzo(g,h,i)perylene	30.656	276	534557	19.451	ng/ul	99

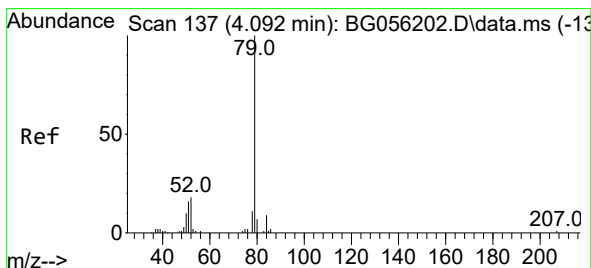
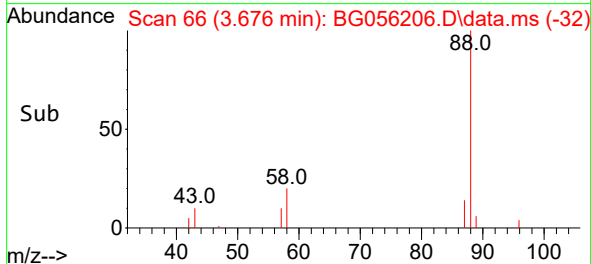
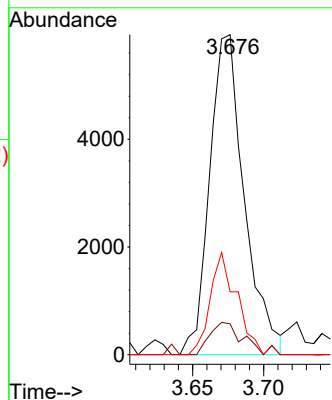
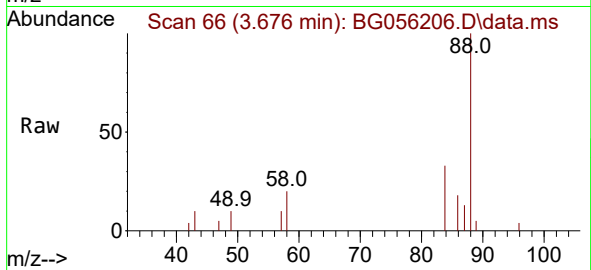
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#2
1,4-Dioxane
Concen: 8.481 ng/uL
RT: 3.676 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG056206.D
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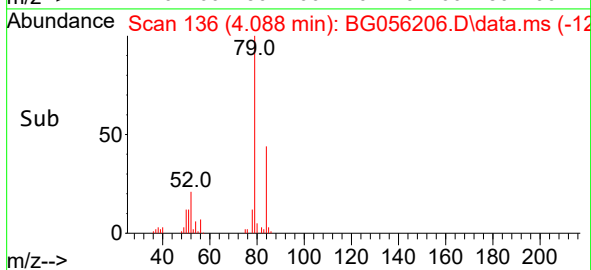
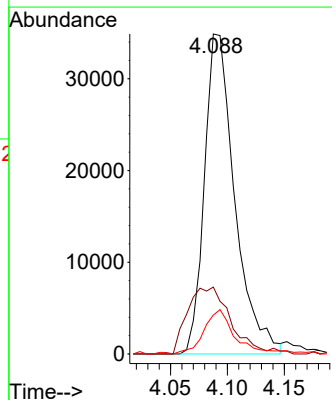
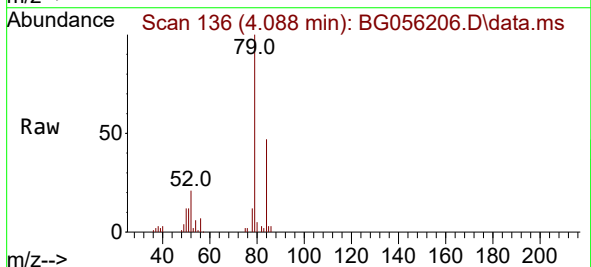
Instrument :
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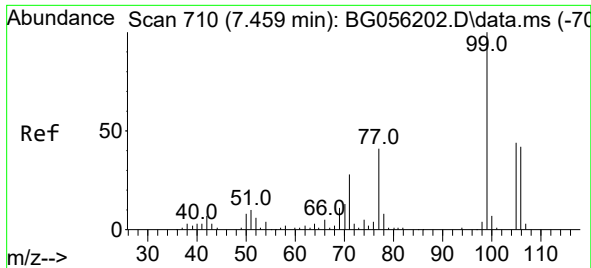
Tgt Ion: 88 Resp: 10074
Ion Ratio Lower Upper
88 100
43 9.6 6.8 10.2
58 19.7 20.0 30.0#



#5
Pyridine
Concen: 19.456 ng/uL
RT: 4.088 min Scan# 136
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion: 79 Resp: 64826
Ion Ratio Lower Upper
79 100
52 20.9 16.6 25.0
51 12.2 13.4 20.2#

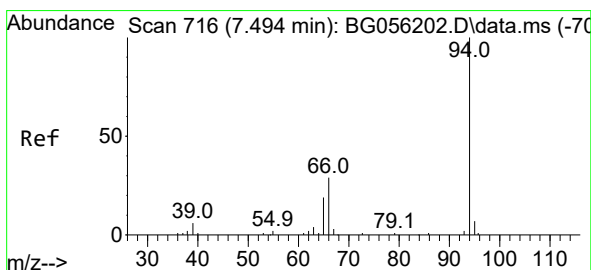
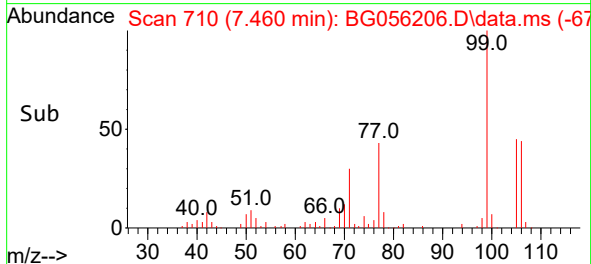
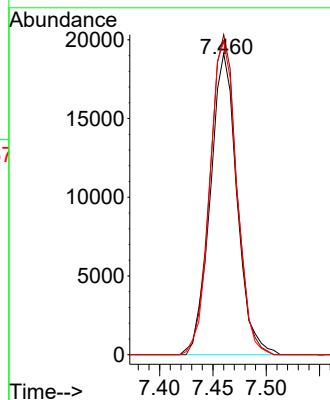
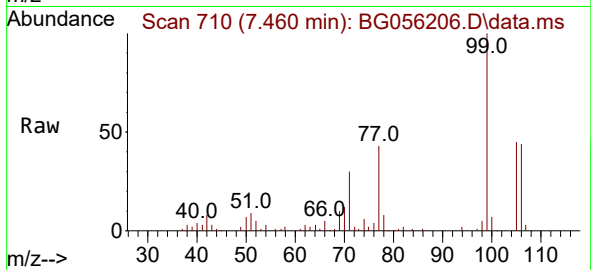




#6
Benzaldehyde
Concen: 22.317 ng/ul
RT: 7.460 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

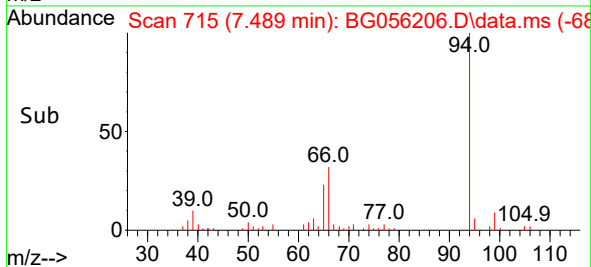
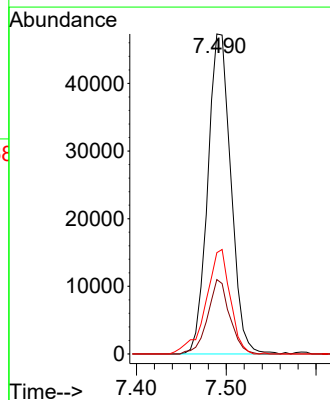
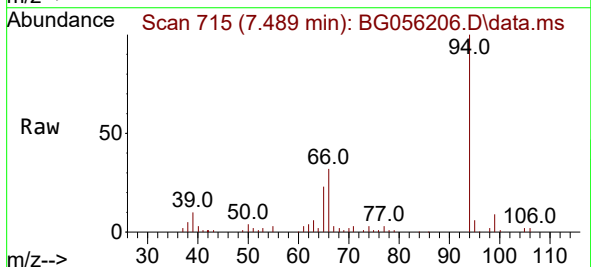
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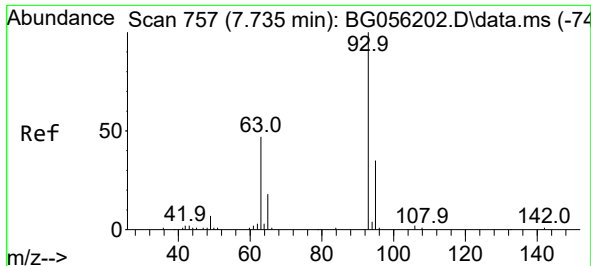
Tgt Ion: 77 Resp: 33334
Ion Ratio Lower Upper
77 100
105 106.2 86.5 129.7
106 103.9 80.8 121.2



#8
Phenol
Concen: 20.125 ng/ul
RT: 7.489 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion: 94 Resp: 84613
Ion Ratio Lower Upper
94 100
65 23.2 15.9 23.9
66 31.7 24.6 37.0

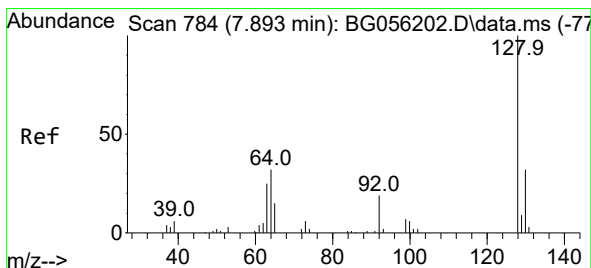
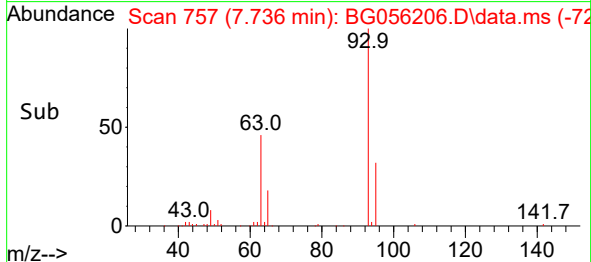
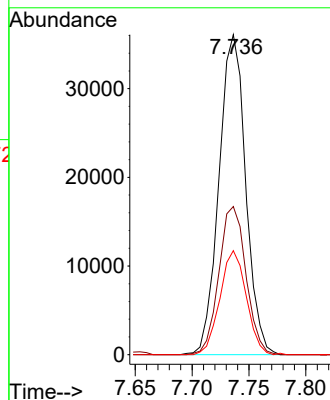
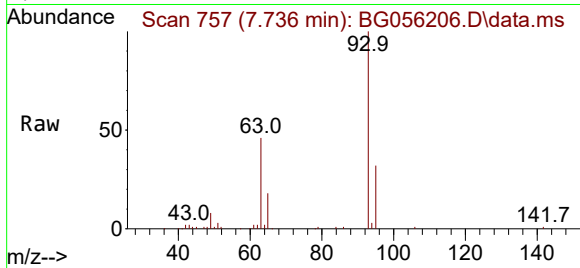




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.276 ng/ul
 RT: 7.736 min Scan# 757
 Delta R.T. 0.001 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

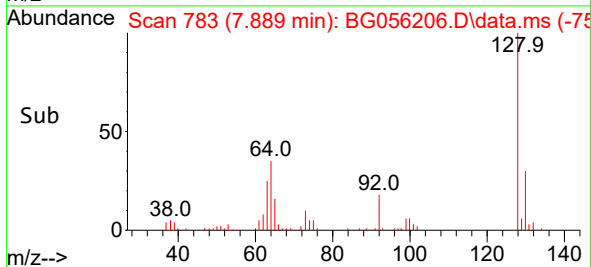
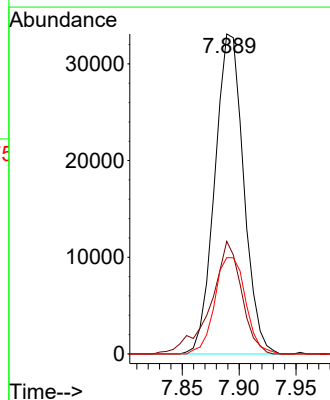
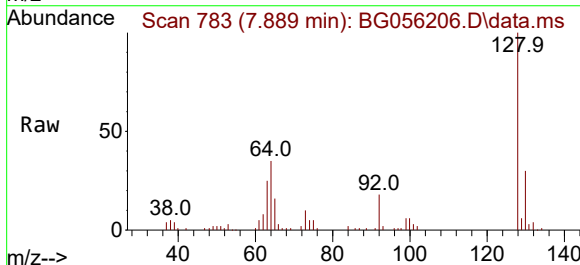
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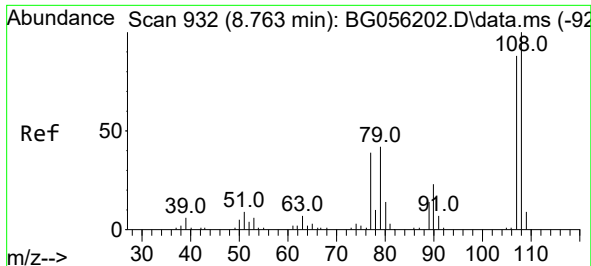
Tgt Ion:	93	Resp:	59021
Ion	Ratio	Lower	Upper
93	100		
63	46.3	37.4	56.2
95	32.5	28.1	42.1



#12
 2-Chlorophenol
 Concen: 20.880 ng/ul
 RT: 7.889 min Scan# 783
 Delta R.T. -0.004 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

Tgt Ion:	128	Resp:	58485
Ion	Ratio	Lower	Upper
128	100		
64	35.2	29.0	43.6
130	30.1	25.3	37.9

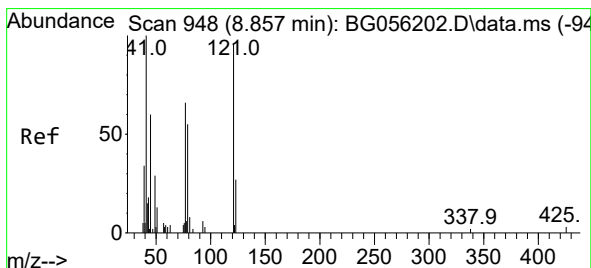
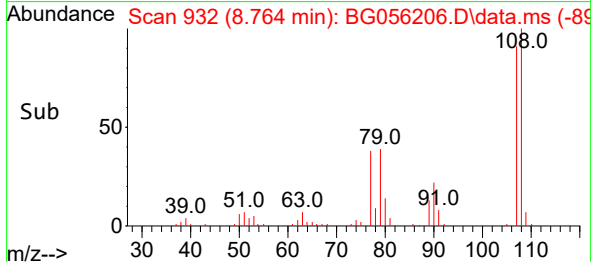
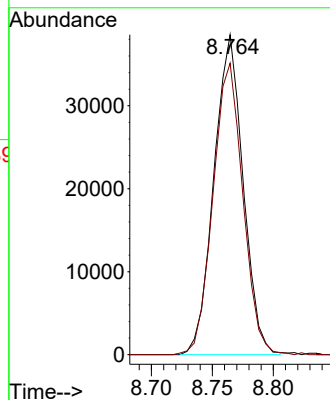
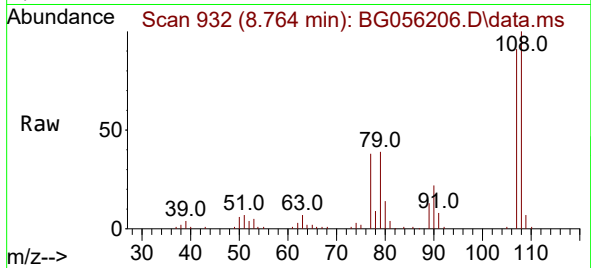




#13
2-Methylphenol
Concen: 19.890 ng/ul
RT: 8.764 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

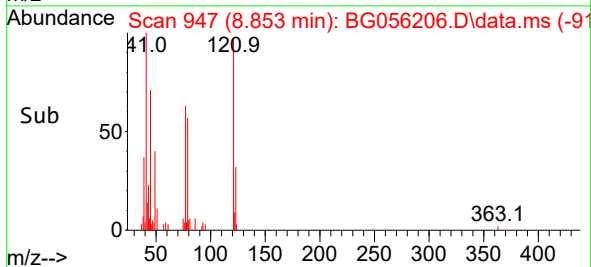
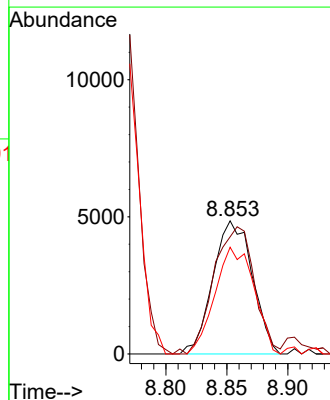
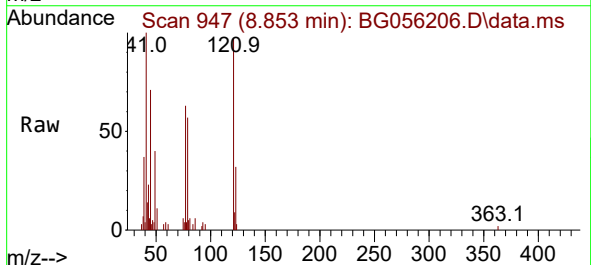
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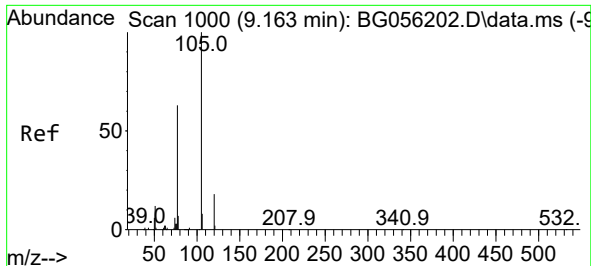
Tgt Ion:108 Resp: 64246
Ion Ratio Lower Upper
108 100
107 91.1 70.5 105.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.653 ng/ul
RT: 8.853 min Scan# 947
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion: 45 Resp: 10927
Ion Ratio Lower Upper
45 100
77 84.6 90.5 135.7#
79 77.1 75.8 113.6

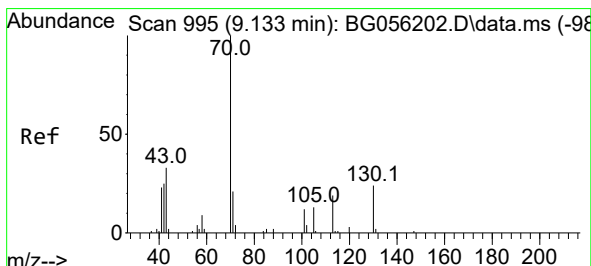
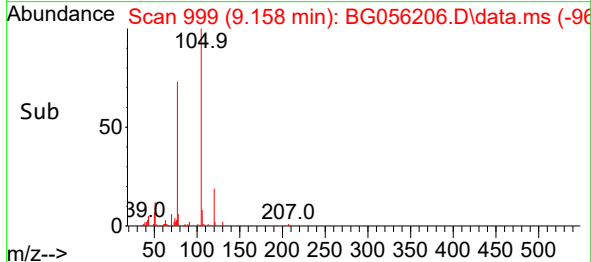
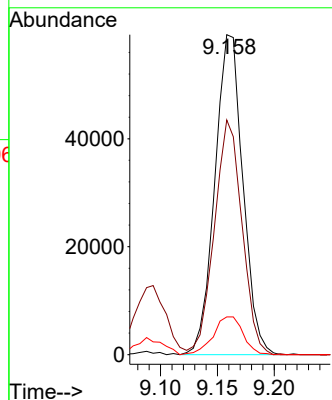
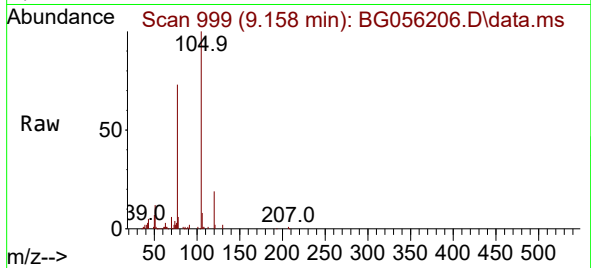




#16
Acetophenone
Concen: 19.477 ng/ul
RT: 9.158 min Scan# 999
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

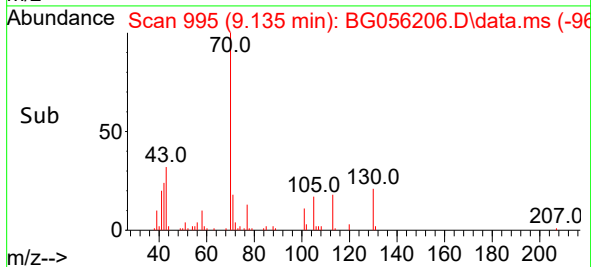
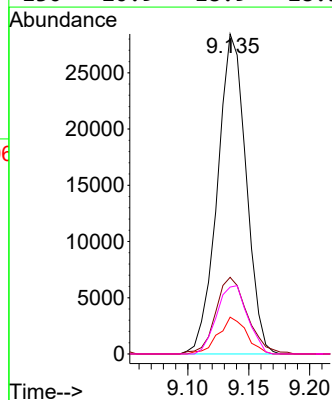
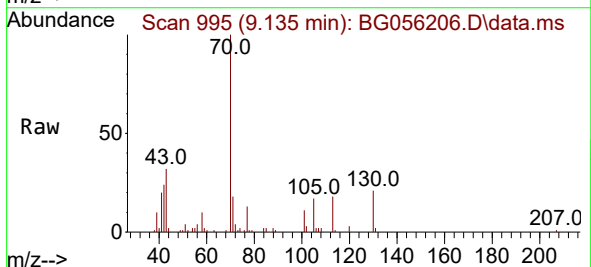
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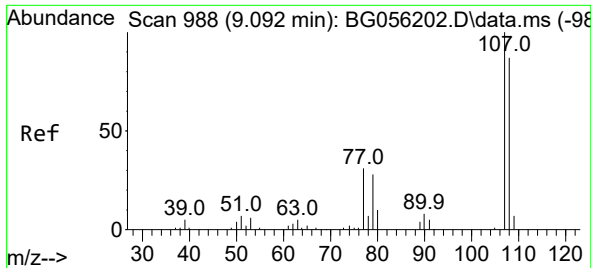
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Ion Ratio Lower Upper
105 100
77 73.4 52.8 79.2
51 11.8 10.1 15.1



#17
N-Nitroso-di-n-propylamine
Concen: 20.189 ng/ul
RT: 9.135 min Scan# 995
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion: 70 Resp: 46678
Ion Ratio Lower Upper
70 100
42 24.0 19.9 29.9
101 11.5 9.8 14.6
130 20.9 18.9 28.3

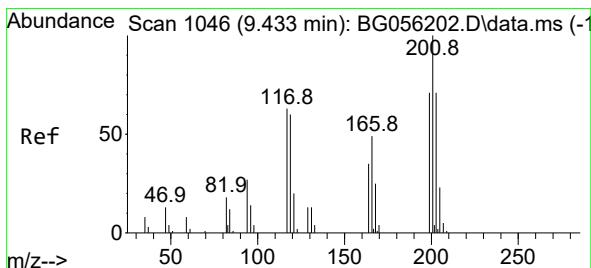
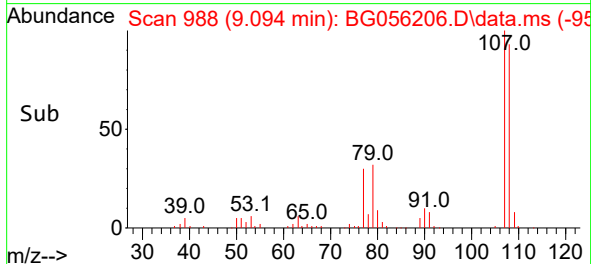
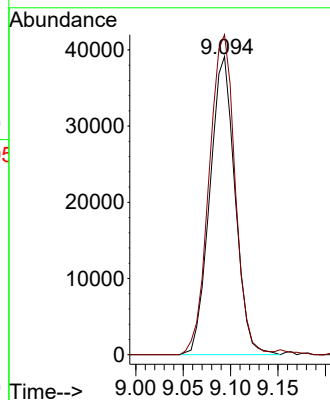
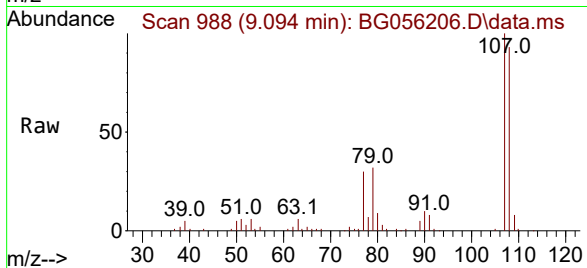




#18
4-Methylphenol
Concen: 20.579 ng/ul
RT: 9.094 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

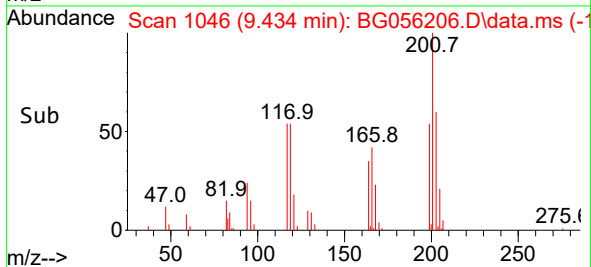
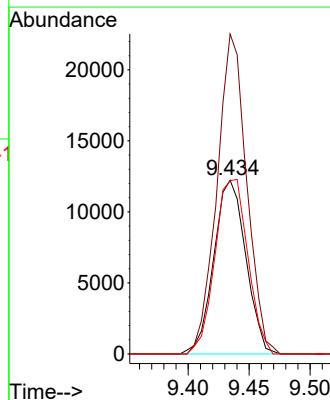
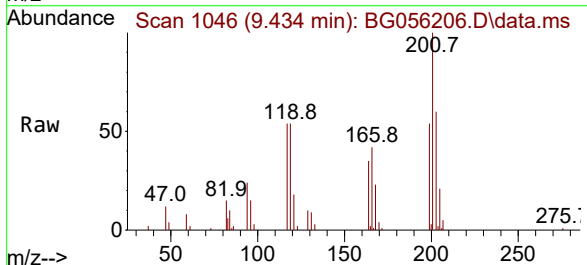
Instrument :
BNA_G
ClientSampleId :
SICV406

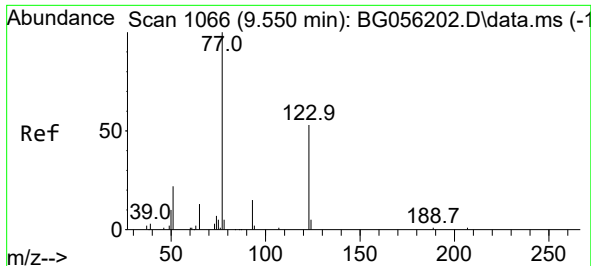
Tgt Ion:108 Resp: 72195
Ion Ratio Lower Upper
108 100
107 107.3 91.5 137.3



#19
Hexachloroethane
Concen: 20.522 ng/ul
RT: 9.434 min Scan# 1046
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:117 Resp: 22373
Ion Ratio Lower Upper
117 100
201 184.1 132.0 198.0
199 99.7 89.4 134.0

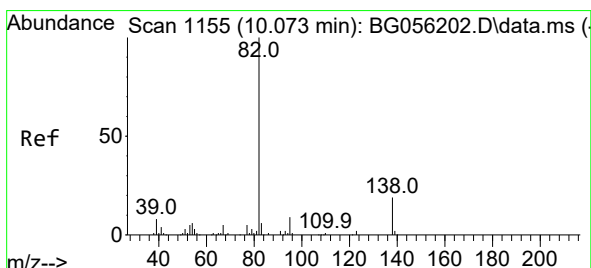
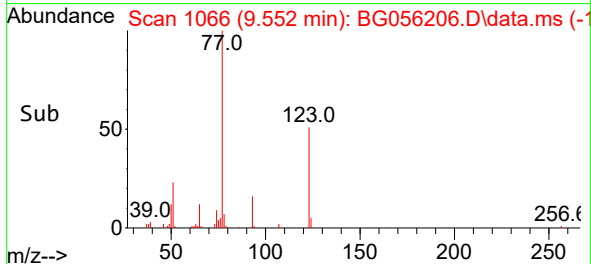
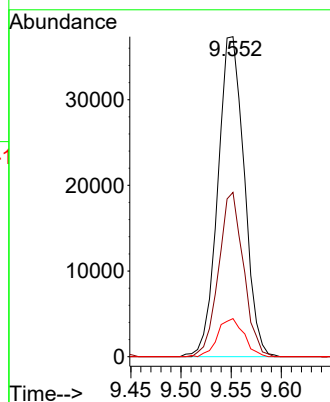
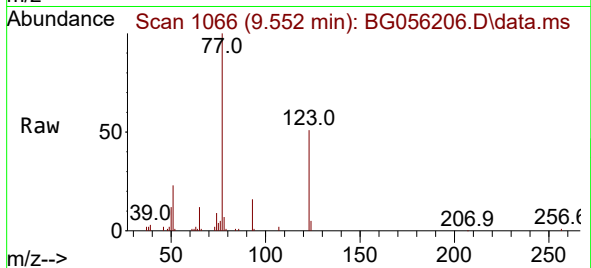




#22
Nitrobenzene
Concen: 19.678 ng/ul
RT: 9.552 min Scan# 1066
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

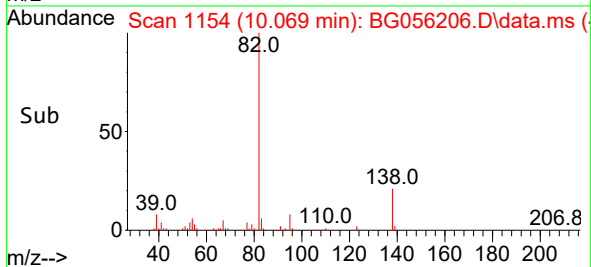
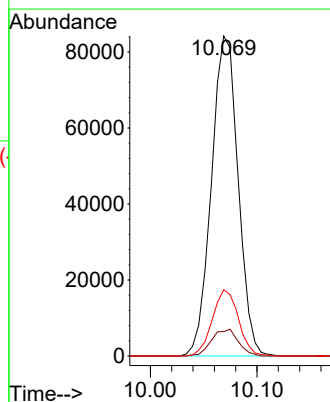
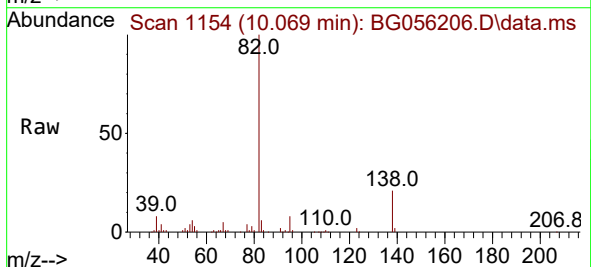
Instrument :
BNA_G
ClientSampleId :
SICV406

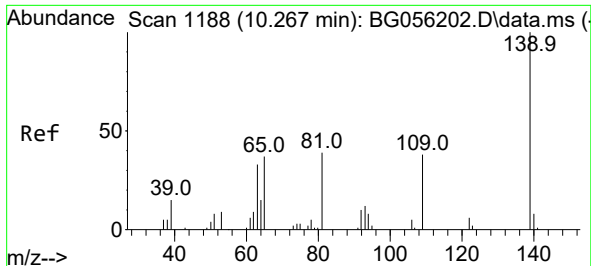
Tgt Ion: 77 Resp: 68223
Ion Ratio Lower Upper
77 100
123 51.3 42.2 63.2
65 11.9 10.5 15.7



#23
Isophorone
Concen: 20.029 ng/ul
RT: 10.069 min Scan# 1154
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion: 82 Resp: 146374
Ion Ratio Lower Upper
82 100
95 7.6 6.9 10.3
138 20.7 15.4 23.2

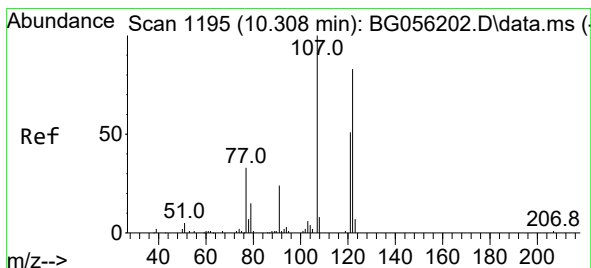
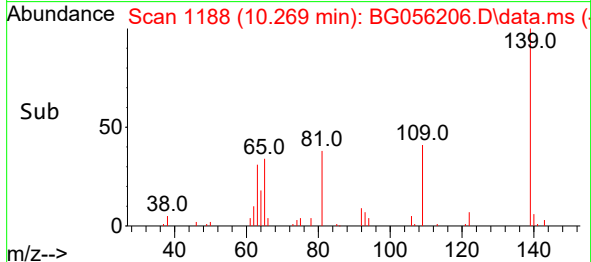
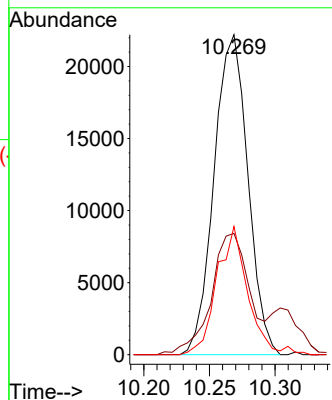
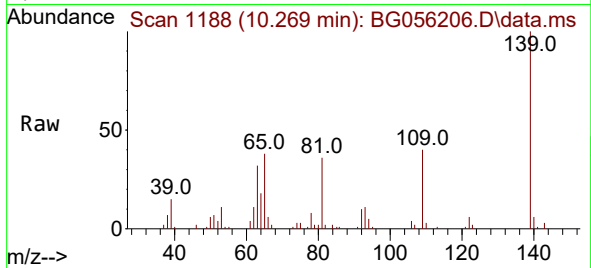




#25
2-Nitrophenol
Concen: 20.663 ng/ul
RT: 10.269 min Scan# 1188
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

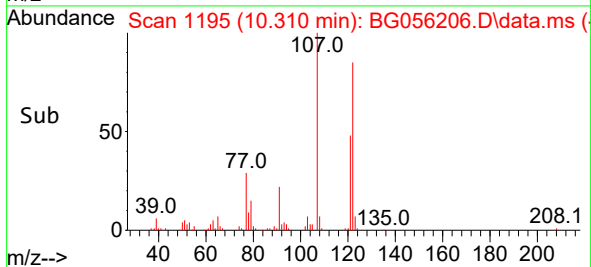
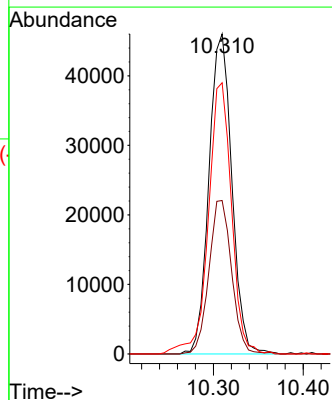
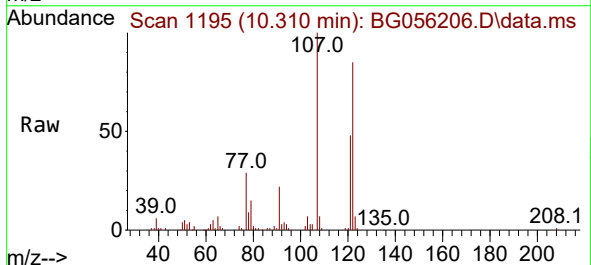
Instrument :
BNA_G
ClientSampleId :
SICV406

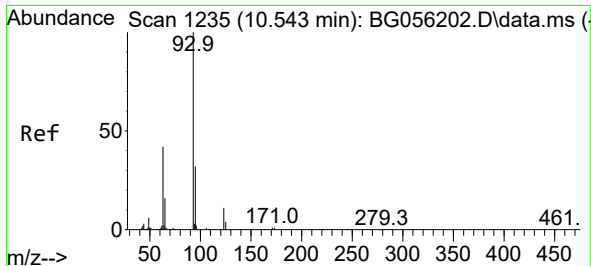
Tgt Ion:139 Resp: 39811
Ion Ratio Lower Upper
139 100
65 37.9 31.2 46.8
109 40.1 30.1 45.1



#26
2,4-Dimethylphenol
Concen: 20.629 ng/ul
RT: 10.310 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:107 Resp: 81404
Ion Ratio Lower Upper
107 100
121 47.9 40.5 60.7
122 84.8 66.8 100.2

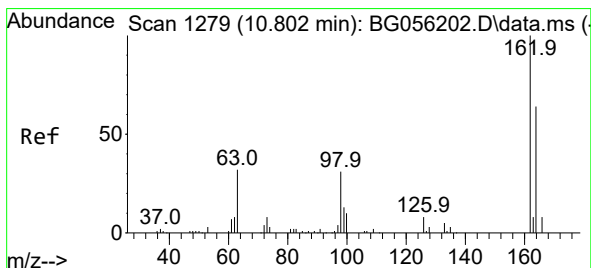
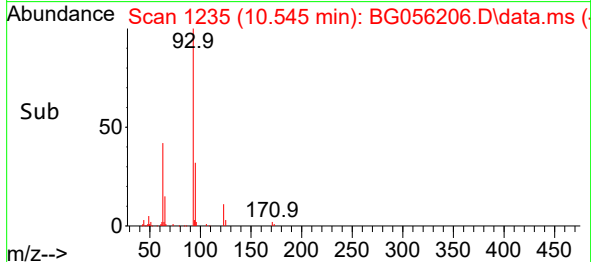
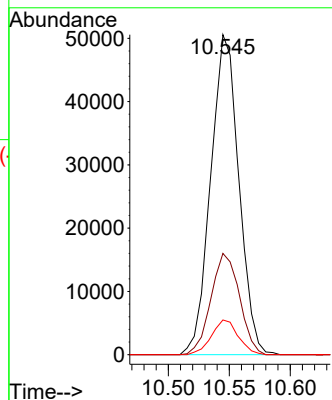
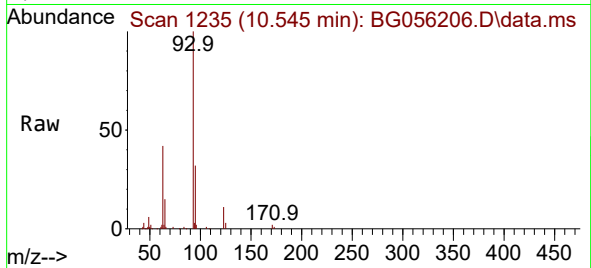




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.865 ng/ul
 RT: 10.545 min Scan# 1235
 Delta R.T. 0.002 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

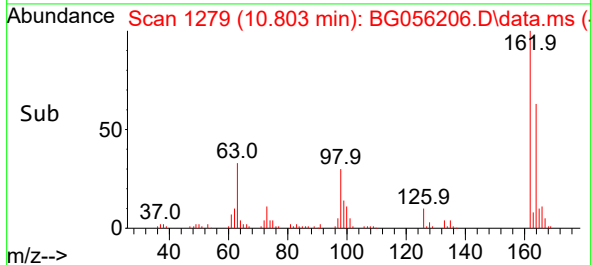
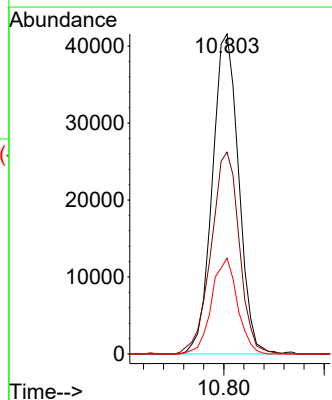
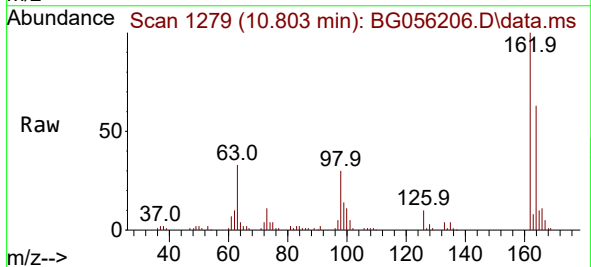
Instrument :
 BNA_G
 ClientSampleId :
 SICV406

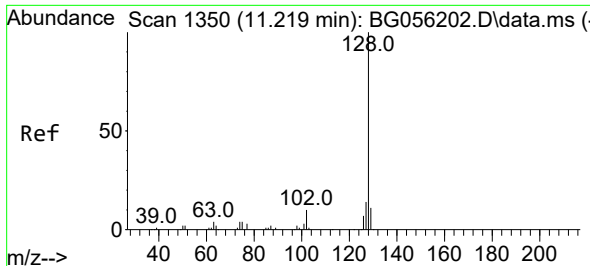
Tgt Ion: 93 Resp: 81322
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.4 38.0
 123 10.8 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 20.167 ng/ul
 RT: 10.803 min Scan# 1279
 Delta R.T. 0.002 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

Tgt Ion: 162 Resp: 75679
 Ion Ratio Lower Upper
 162 100
 164 63.1 52.5 78.7
 98 29.9 24.7 37.1

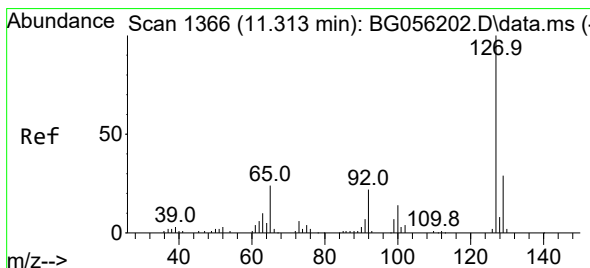
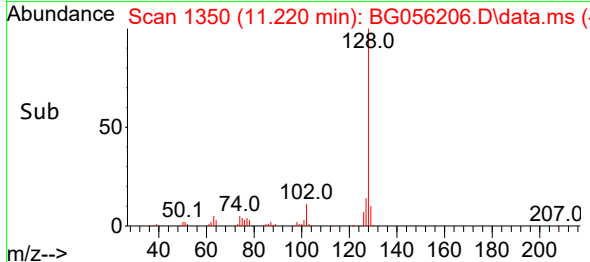
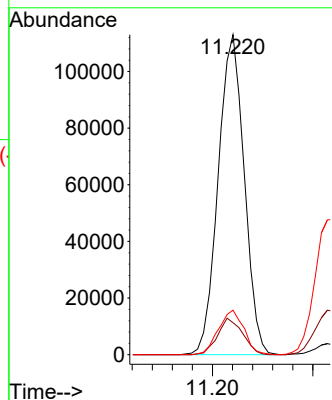
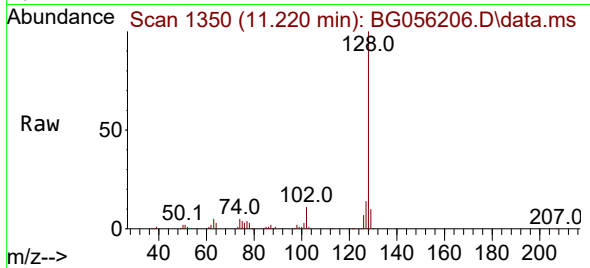




#30
Naphthalene
Concen: 20.102 ng/ul
RT: 11.220 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

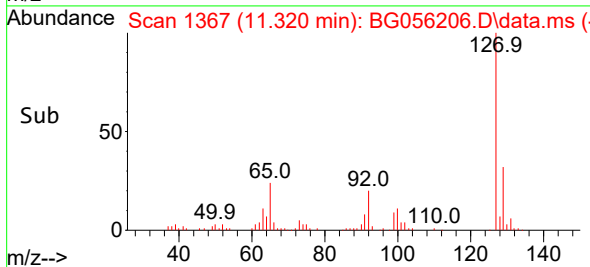
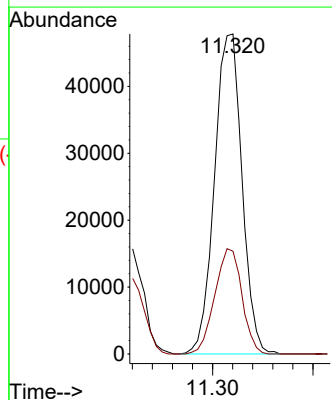
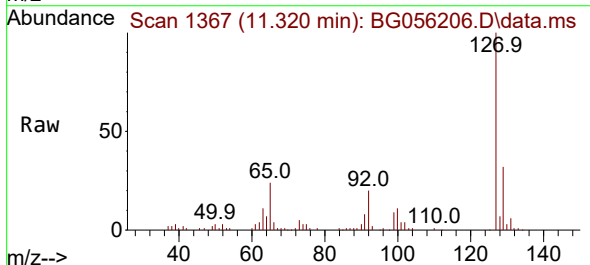
Instrument :
BNA_G
ClientSampleId :
SICV406

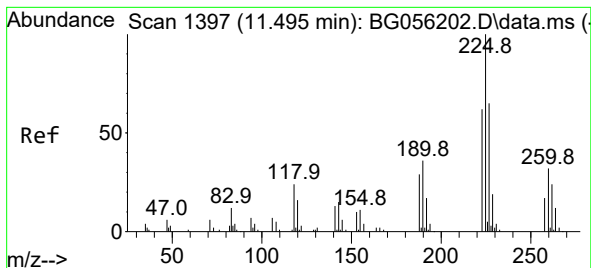
Tgt Ion:128 Resp: 203431
Ion Ratio Lower Upper
128 100
129 10.0 8.5 12.7
127 13.9 10.9 16.3



#32
4-Chloroaniline
Concen: 19.861 ng/ul
RT: 11.320 min Scan# 1367
Delta R.T. 0.007 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:127 Resp: 90882
Ion Ratio Lower Upper
127 100
129 32.1 23.5 35.3





#33

Hexachlorobutadiene

Concen: 20.998 ng/ul

RT: 11.497 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

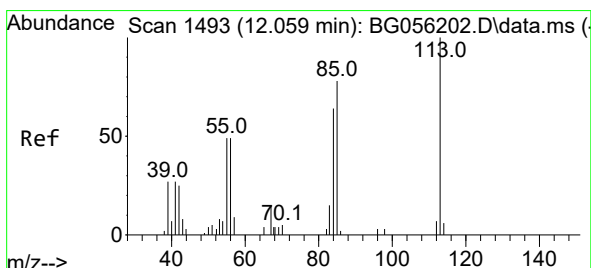
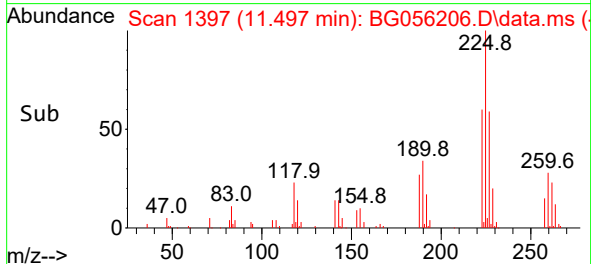
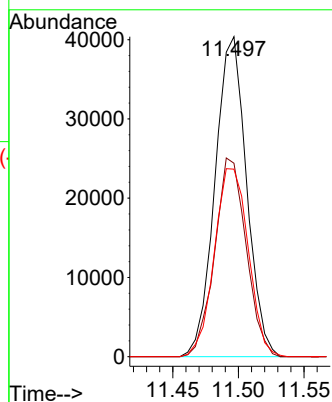
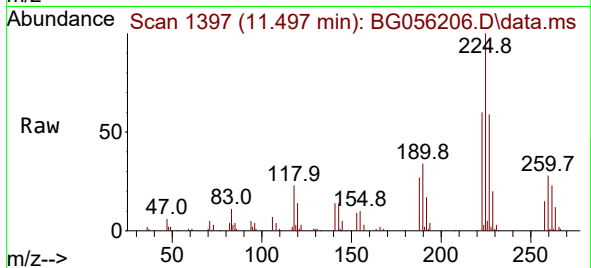
Tgt Ion:225 Resp: 67591

Ion Ratio Lower Upper

225 100

223 57.6 49.8 74.6

227 55.8 51.8 77.6



#34

Caprolactam

Concen: 19.397 ng/ul

RT: 12.061 min Scan# 1493

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

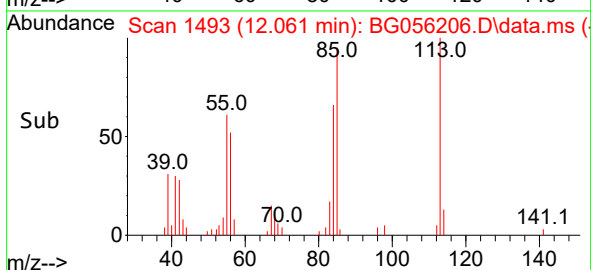
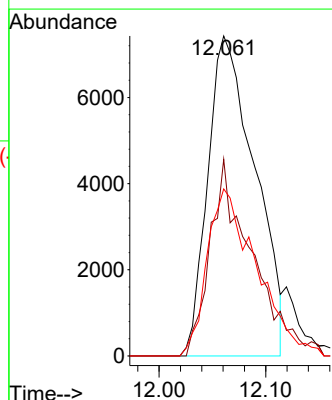
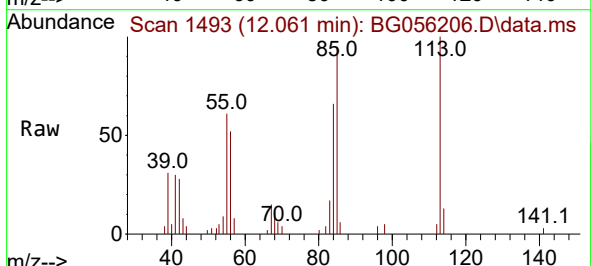
Tgt Ion:113 Resp: 22844

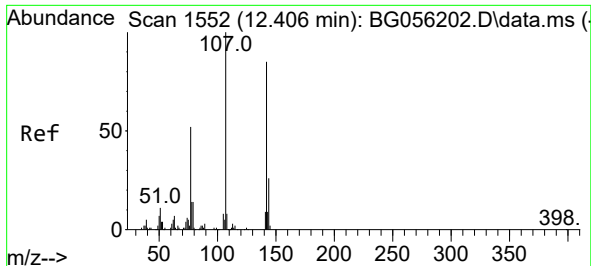
Ion Ratio Lower Upper

113 100

55 61.4 39.3 58.9#

56 52.2 39.5 59.3

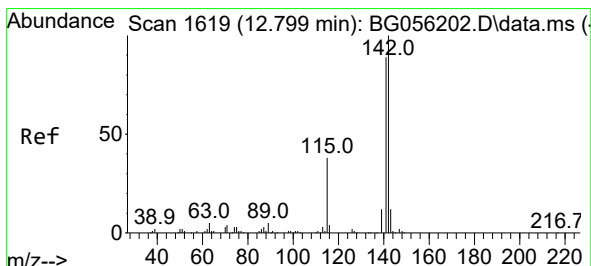
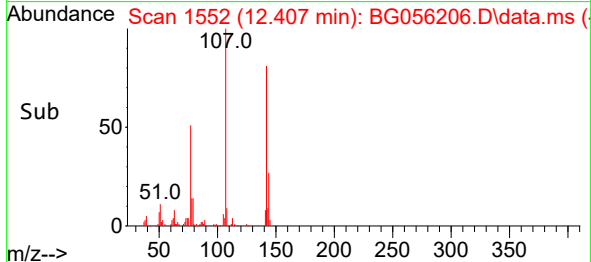
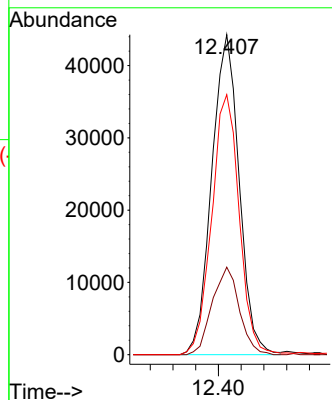
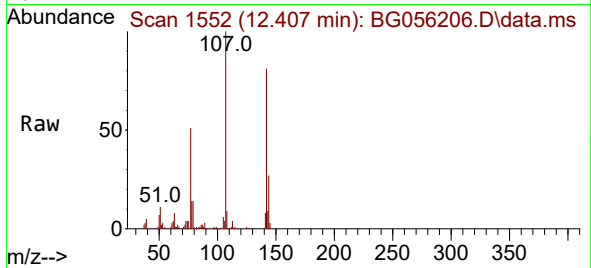




#35
4-Chloro-3-methylphenol
Concen: 20.159 ng/ul
RT: 12.407 min Scan# 1552
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

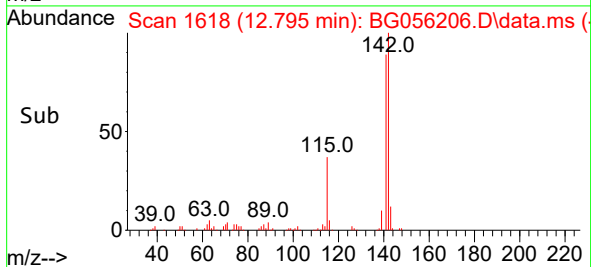
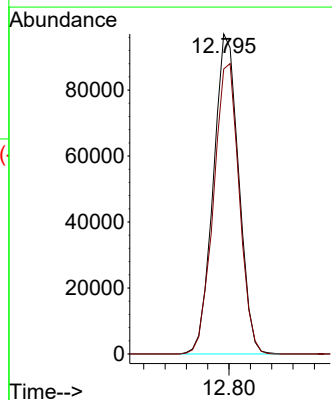
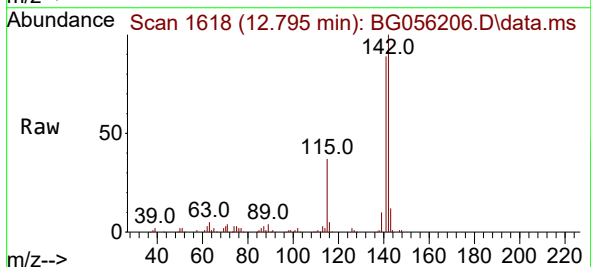
Instrument :
BNA_G
ClientSampleId :
SICV406

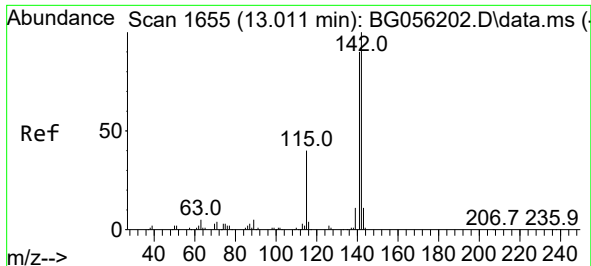
Tgt Ion:107 Resp: 74215
Ion Ratio Lower Upper
107 100
144 27.4 21.0 31.6
142 81.2 67.9 101.9



#36
2-Methylnaphthalene
Concen: 20.669 ng/ul
RT: 12.795 min Scan# 1618
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:142 Resp: 159770
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4





#37

1-Methylnaphthalene

Concen: 20.011 ng/ul

RT: 13.012 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

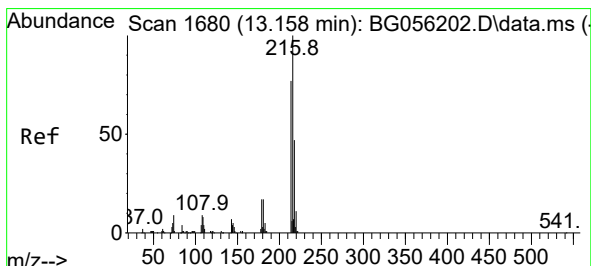
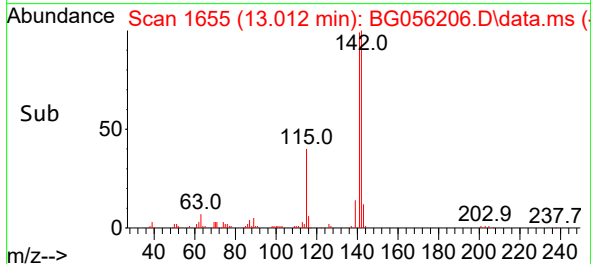
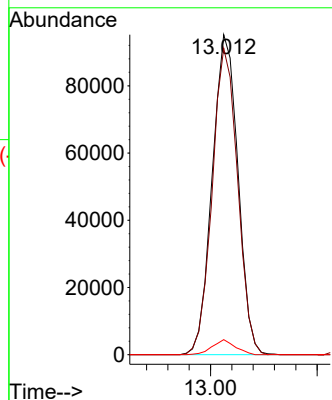
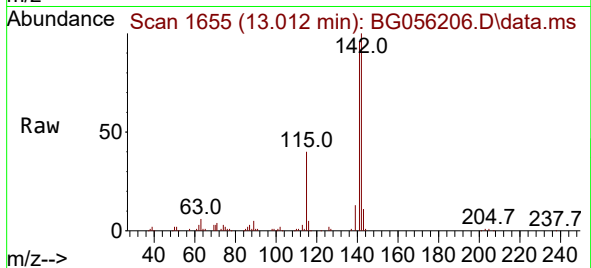
Tgt Ion:142 Resp: 159077

Ion Ratio Lower Upper

142 100

141 95.7 71.7 107.5

116 4.7 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.550 ng/ul

RT: 13.159 min Scan# 1680

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Tgt Ion:216 Resp: 130896

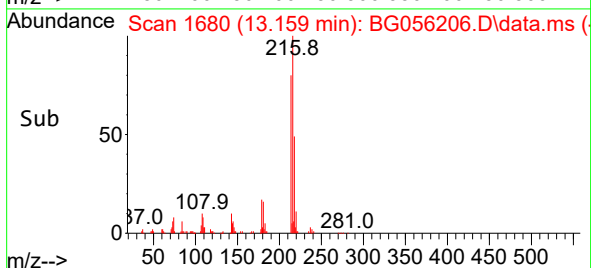
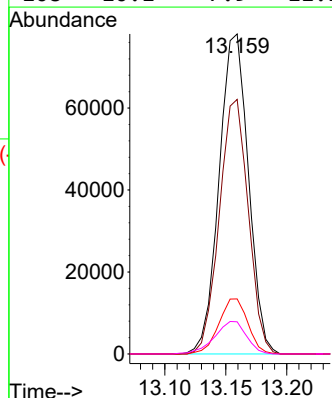
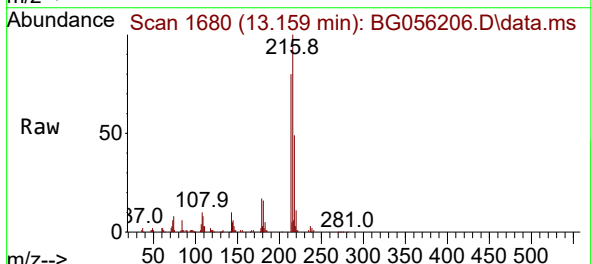
Ion Ratio Lower Upper

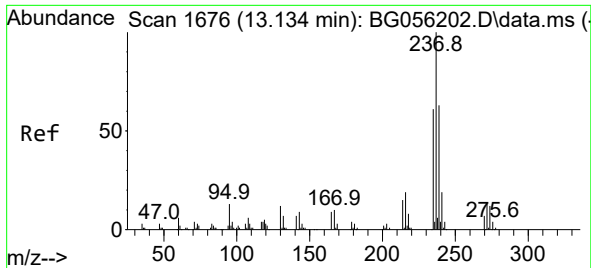
216 100

214 79.6 62.0 93.0

179 17.2 13.8 20.8

108 10.1 7.9 11.9

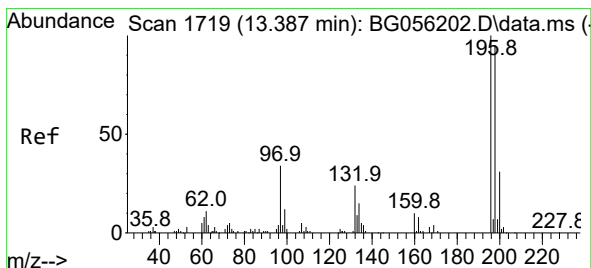
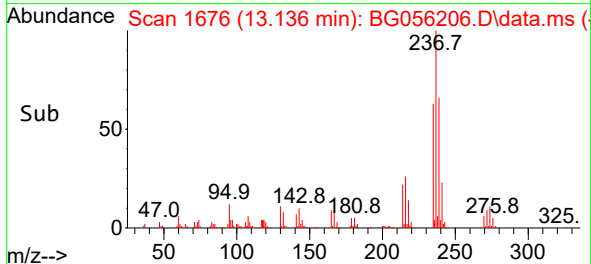
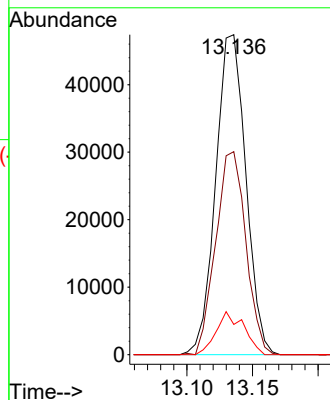
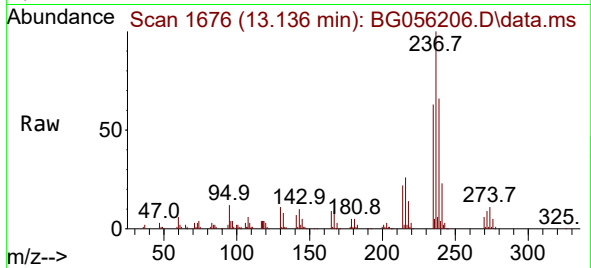




#40
Hexachlorocyclopentadiene
Concen: 17.495 ng/ul
RT: 13.136 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

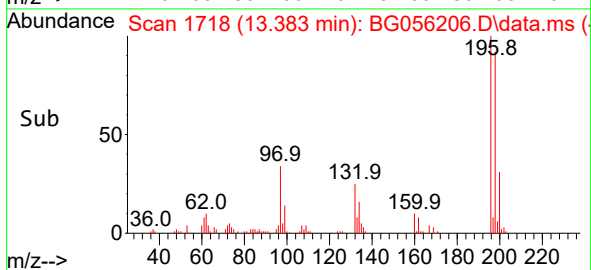
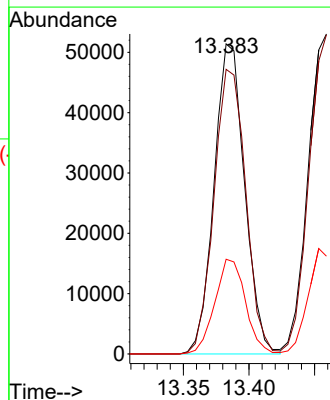
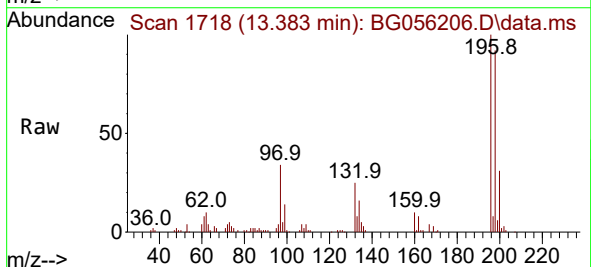
Instrument :
BNA_G
ClientSampleId :
SICV406

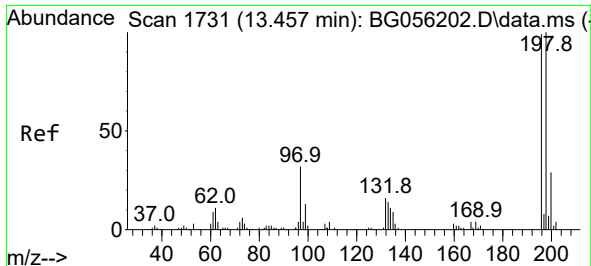
Tgt Ion:237 Resp: 75754
Ion Ratio Lower Upper
237 100
235 68.3 48.6 72.8
272 9.5 10.2 15.4#



#41
2,4,6-Trichlorophenol
Concen: 20.576 ng/ul
RT: 13.383 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:196 Resp: 83214
Ion Ratio Lower Upper
196 100
198 91.8 76.2 114.2
200 30.5 25.0 37.4

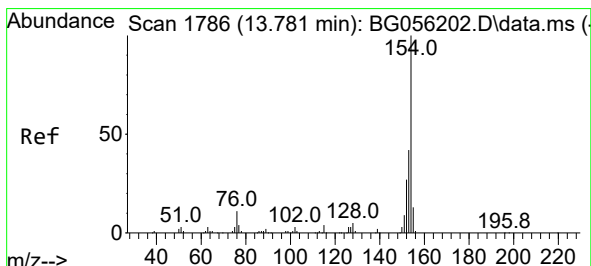
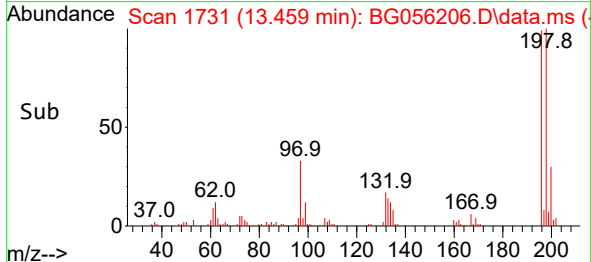
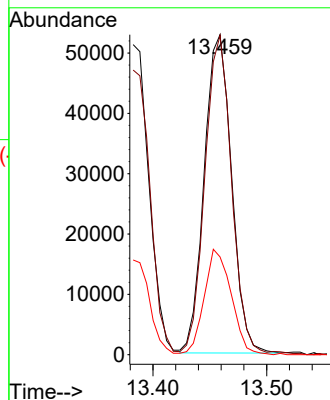
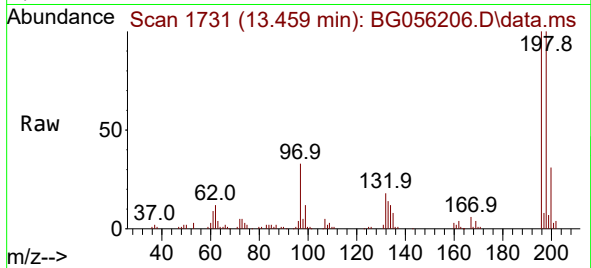




#42
2,4,5-Trichlorophenol
Concen: 20.015 ng/ul
RT: 13.459 min Scan# 1731
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

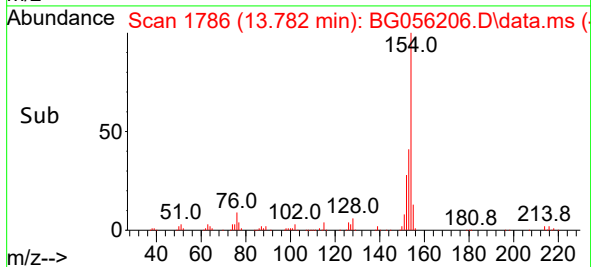
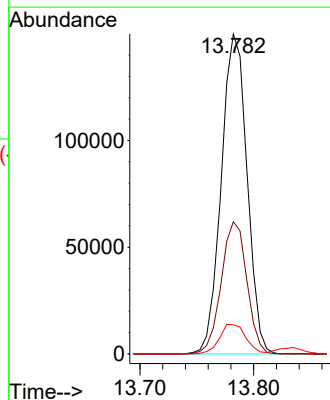
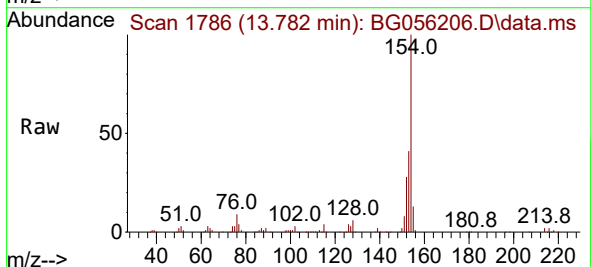
Instrument :
BNA_G
ClientSampleId :
SICV406

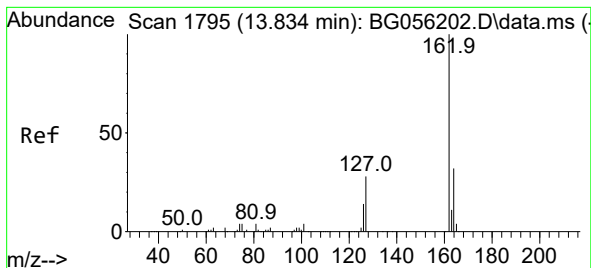
Tgt Ion:196 Resp: 88041
Ion Ratio Lower Upper
196 100
198 99.8 80.2 120.4
200 30.5 23.6 35.4



#43
1,1'-Biphenyl
Concen: 19.891 ng/ul
RT: 13.782 min Scan# 1786
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:154 Resp: 235572
Ion Ratio Lower Upper
154 100
153 41.3 34.0 51.0
76 9.1 8.5 12.7





#44

2-Chloronaphthalene

Concen: 20.231 ng/ul

RT: 13.835 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

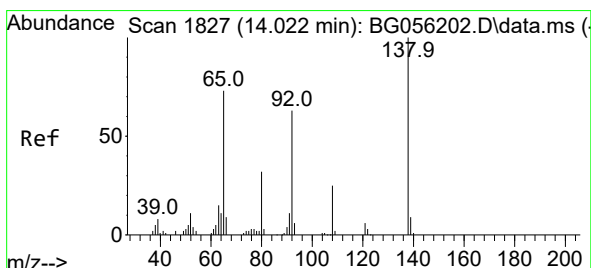
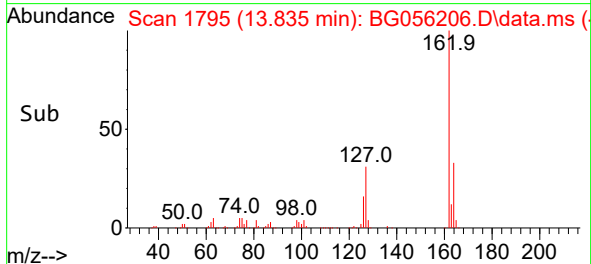
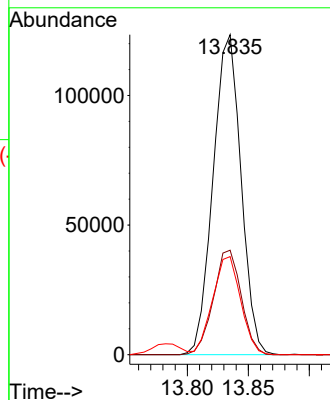
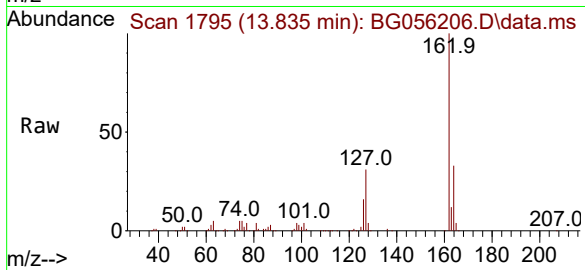
Tgt Ion:162 Resp: 196512

Ion Ratio Lower Upper

162 100

164 32.7 25.9 38.9

127 30.7 24.6 36.8



#45

2-Nitroaniline

Concen: 21.085 ng/ul

RT: 14.023 min Scan# 1827

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

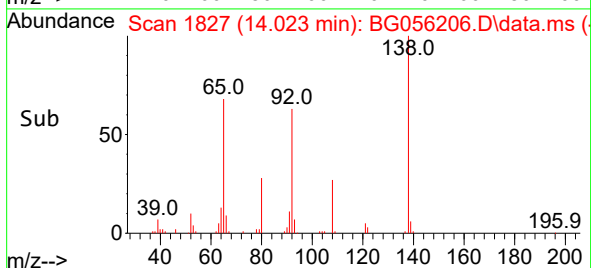
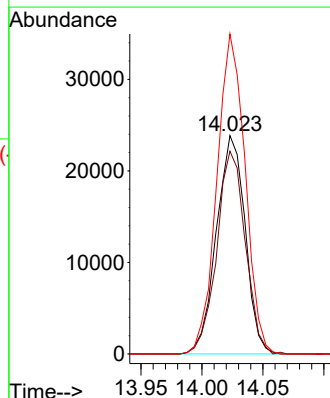
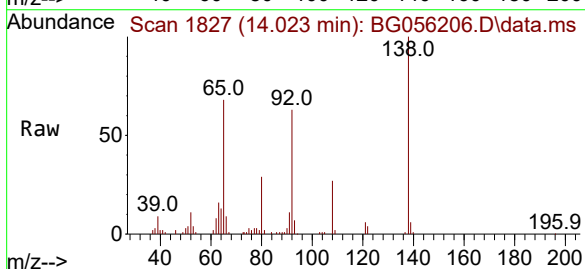
Tgt Ion: 65 Resp: 39084

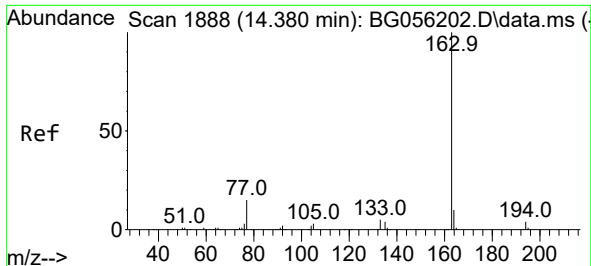
Ion Ratio Lower Upper

65 100

92 92.8 68.2 102.2

138 146.5 109.7 164.5

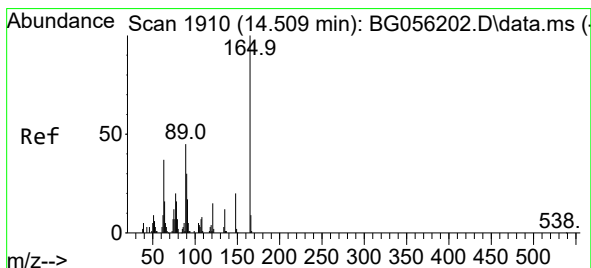
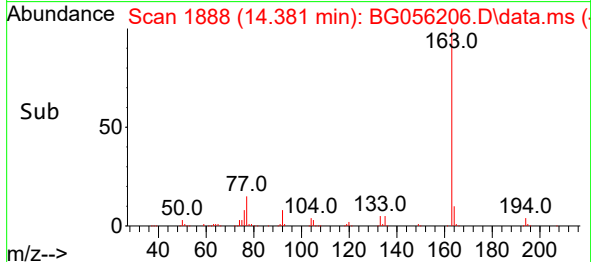
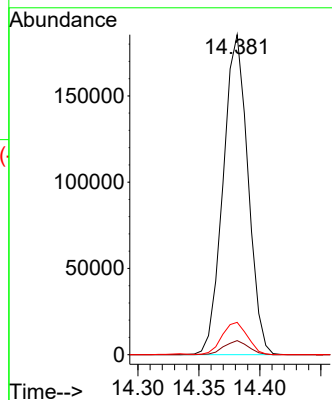
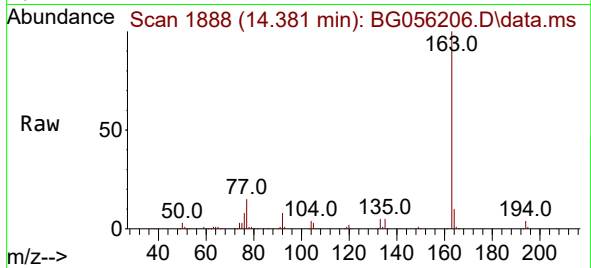




#47
Dimethylphthalate
Concen: 20.420 ng/ul
RT: 14.381 min Scan# 1888
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

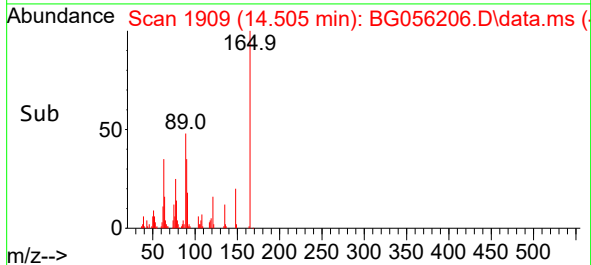
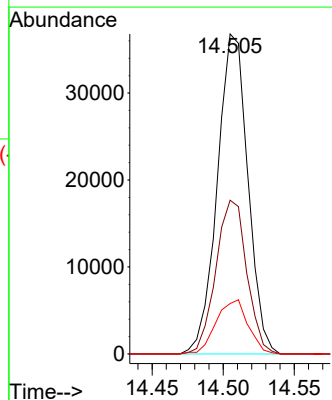
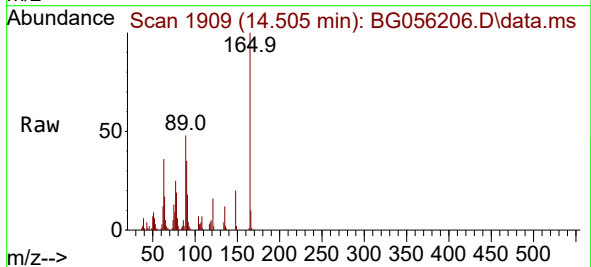
Instrument :
BNA_G
ClientSampleId :
SICV406

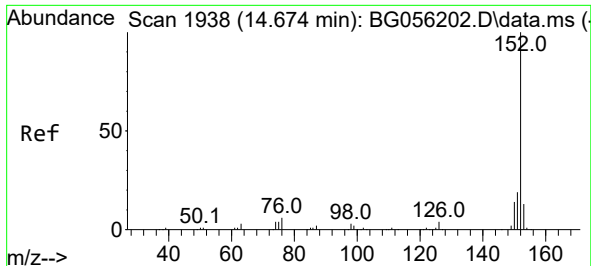
Tgt Ion:163 Resp: 263489
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.1 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 20.336 ng/ul
RT: 14.505 min Scan# 1909
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:165 Resp: 55097
Ion Ratio Lower Upper
165 100
89 48.0 36.2 54.4
121 15.8 12.2 18.4

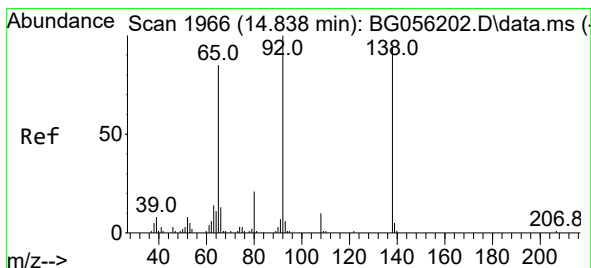
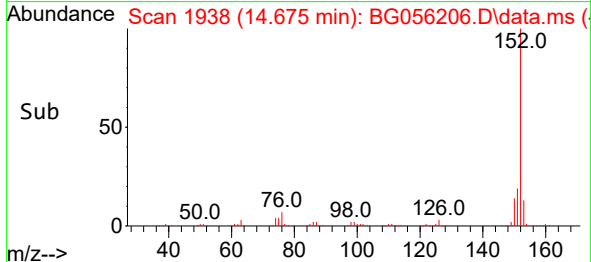
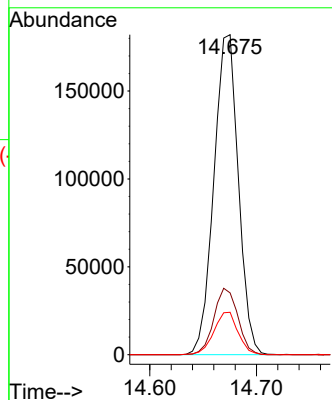
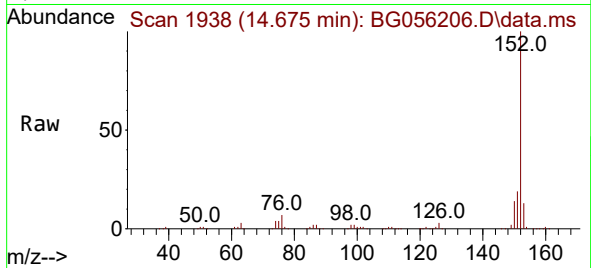




#50
Acenaphthylene
Concen: 19.948 ng/ul
RT: 14.675 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

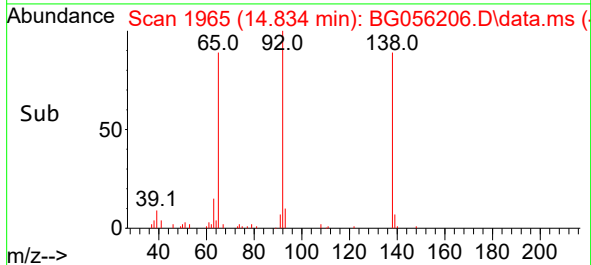
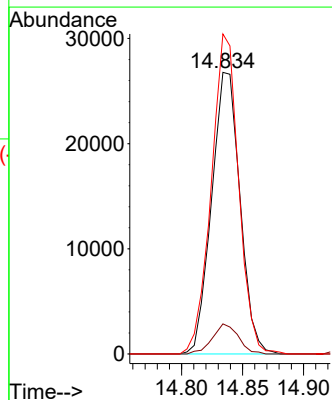
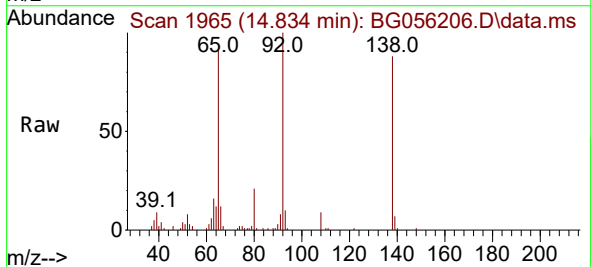
Instrument :
BNA_G
ClientSampleId :
SICV406

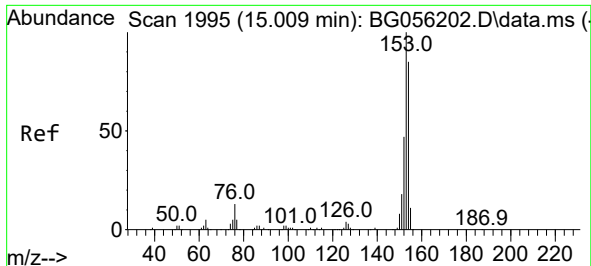
Tgt Ion:152 Resp: 289775
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 21.180 ng/ul
RT: 14.834 min Scan# 1965
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:138 Resp: 43458
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 113.7 85.2 127.8

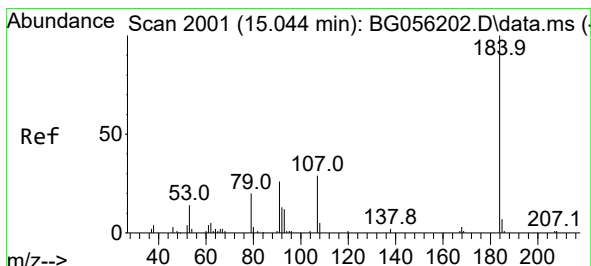
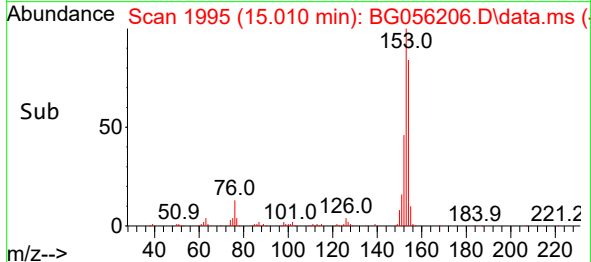
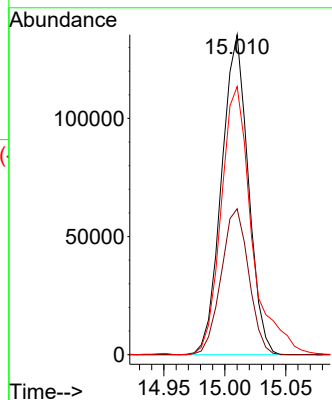
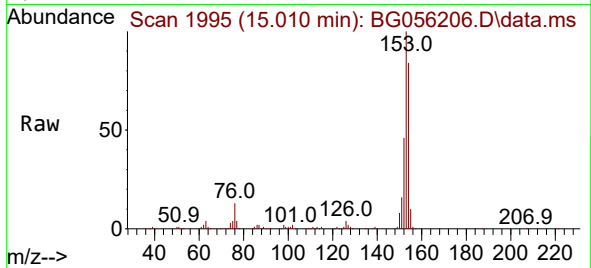




#52
Acenaphthene
Concen: 20.531 ng/ul
RT: 15.010 min Scan# 1995
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

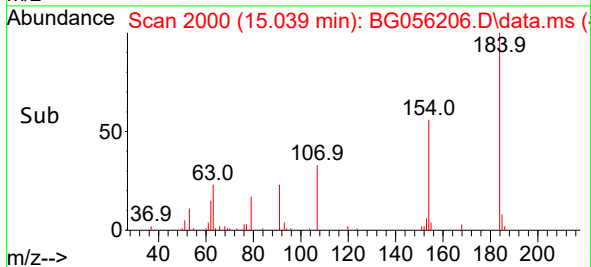
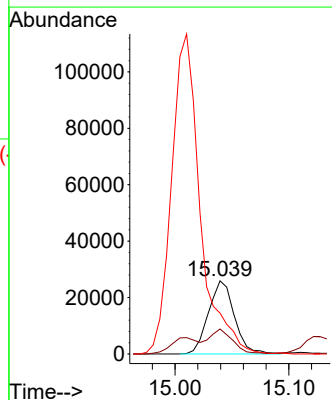
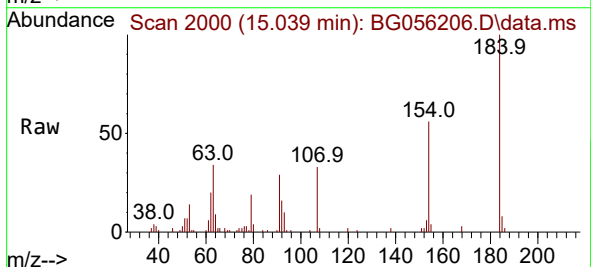
Instrument :
BNA_G
ClientSampleId :
SICV406

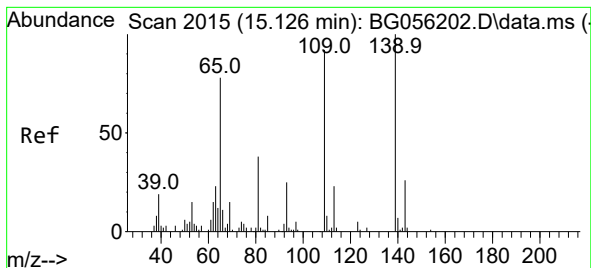
Tgt Ion:153 Resp: 206382
Ion Ratio Lower Upper
153 100
152 45.6 38.0 57.0
154 83.8 67.7 101.5



#53
2,4-Dinitrophenol
Concen: 21.162 ng/ul
RT: 15.039 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:184 Resp: 41001
Ion Ratio Lower Upper
184 100
63 34.1 22.4 33.6#
154 55.9 42.2 63.4





#55

4-Nitrophenol

Concen: 20.511 ng/ul

RT: 15.128 min Scan# 2015

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

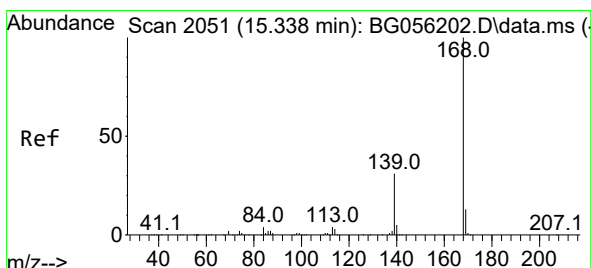
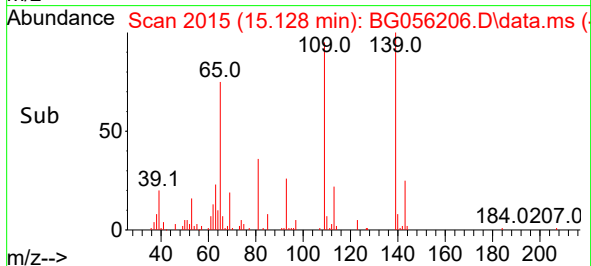
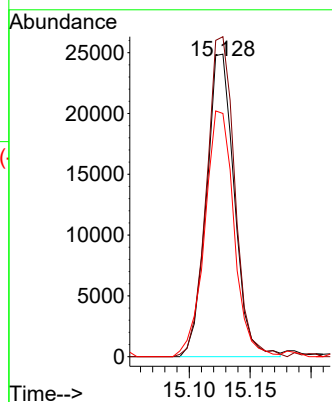
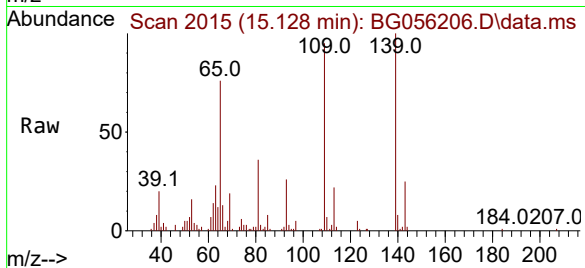
Tgt Ion:109 Resp: 39542

Ion Ratio Lower Upper

109 100

139 105.8 86.7 130.1

65 80.4 67.9 101.9



#56

Dibenzofuran

Concen: 20.285 ng/ul

RT: 15.339 min Scan# 2051

Delta R.T. 0.002 min

Lab File: BG056206.D

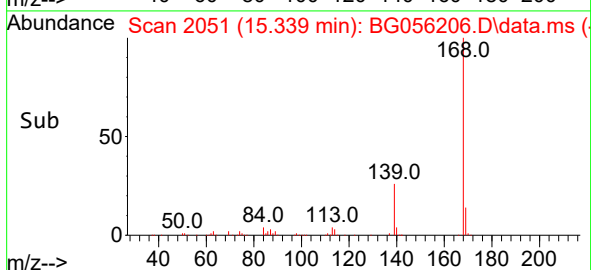
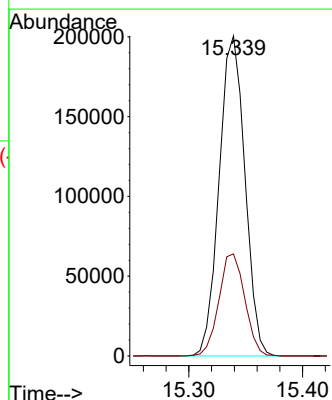
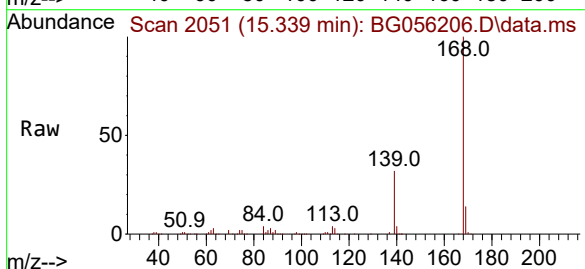
Acq: 4 Jan 2023 19:10

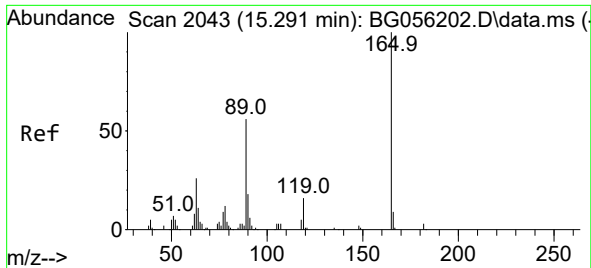
Tgt Ion:168 Resp: 315221

Ion Ratio Lower Upper

168 100

139 31.9 25.0 37.4





#57

2,4-Dinitrotoluene

Concen: 20.915 ng/ul

RT: 15.286 min Scan# 2042

Delta R.T. -0.004 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

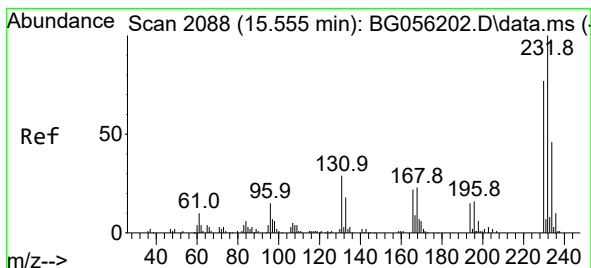
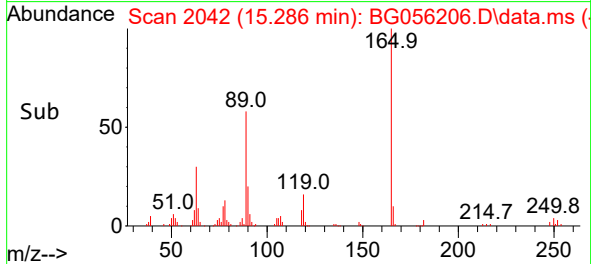
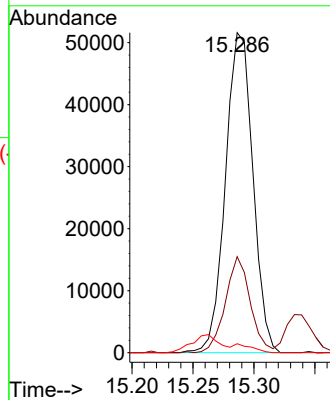
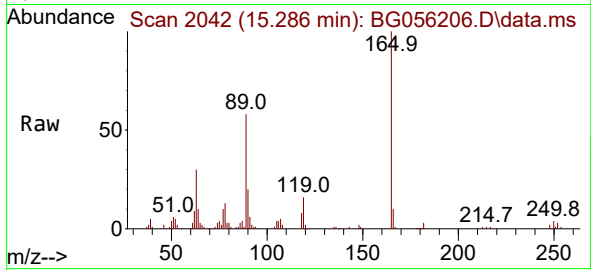
Tgt Ion:165 Resp: 80747

Ion Ratio Lower Upper

165 100

63 30.0 20.9 31.3

182 2.8 2.7 4.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.643 ng/ul

RT: 15.557 min Scan# 2088

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Tgt Ion:232 Resp: 87913

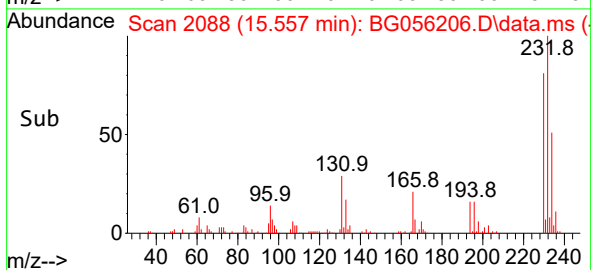
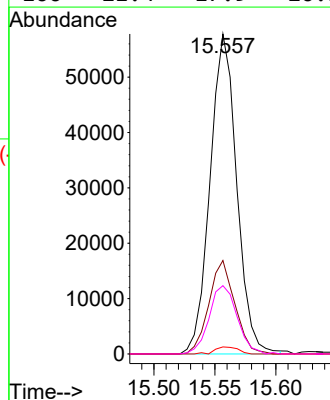
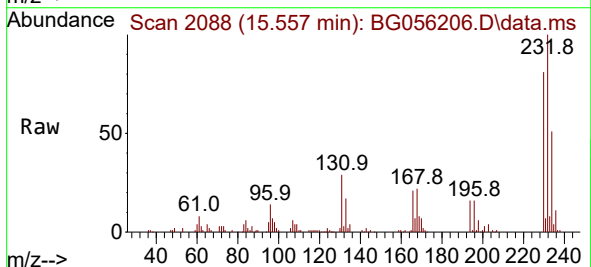
Ion Ratio Lower Upper

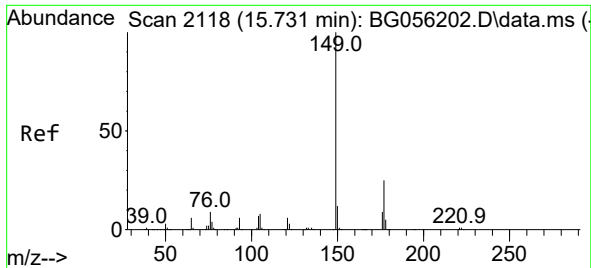
232 100

131 29.2 22.9 34.3

130 2.2 1.7 2.5

166 21.4 17.9 26.9

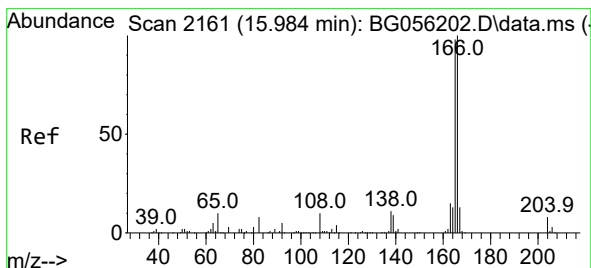
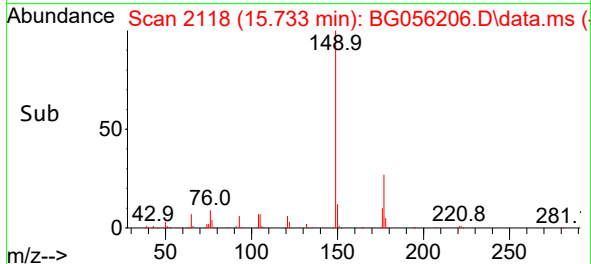
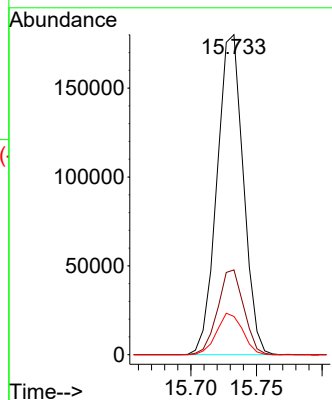
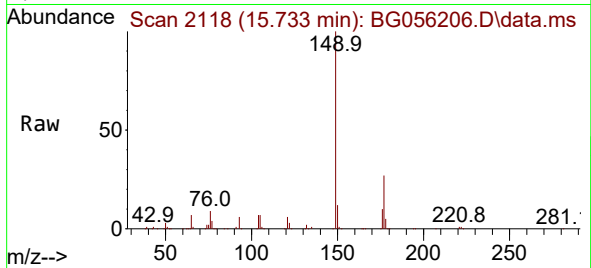




#59
Diethylphthalate
Concen: 20.933 ng/ul
RT: 15.733 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

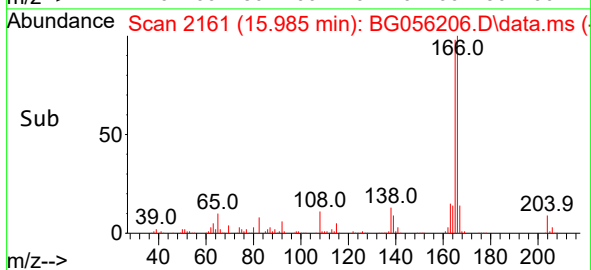
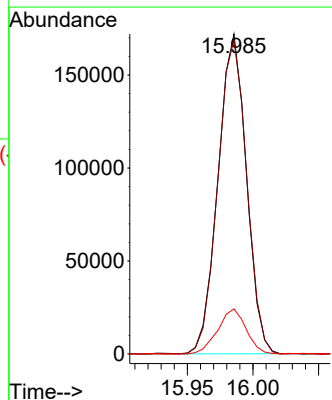
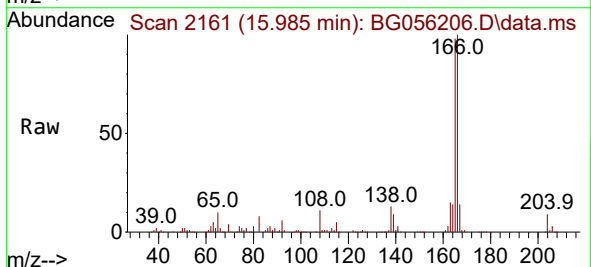
Instrument :
BNA_G
ClientSampleId :
SICV406

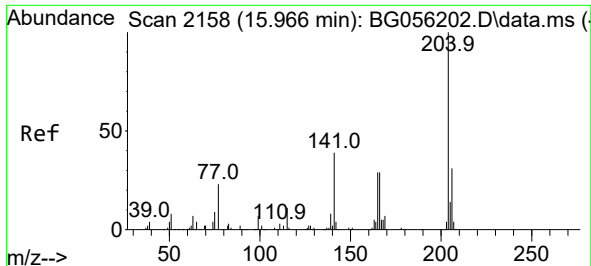
Tgt Ion:149 Resp: 251143
Ion Ratio Lower Upper
149 100
177 26.5 20.2 30.4
150 11.9 9.9 14.9



#61
Fluorene
Concen: 20.642 ng/ul
RT: 15.985 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:166 Resp: 258334
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 14.1 10.4 15.6





#62

4-Chlorophenyl-phenylether

Concen: 20.645 ng/ul

RT: 15.968 min Scan# 2158

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

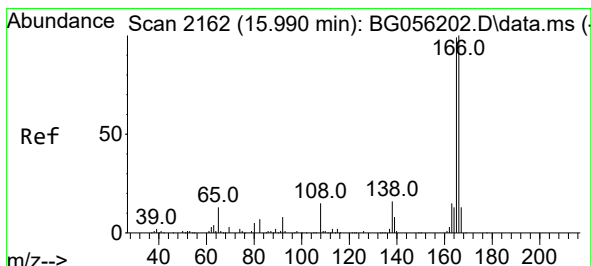
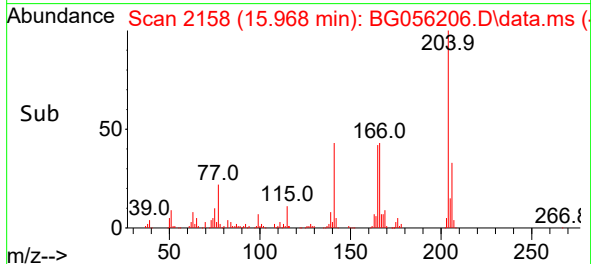
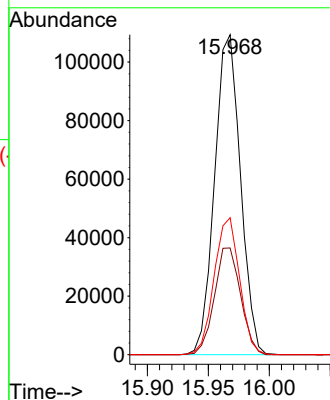
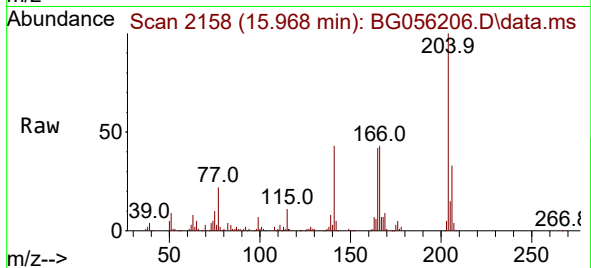
Tgt Ion:204 Resp: 161557

Ion Ratio Lower Upper

204 100

206 33.3 25.0 37.4

141 42.8 31.6 47.4



#63

4-Nitroaniline

Concen: 22.325 ng/ul

RT: 15.991 min Scan# 2162

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

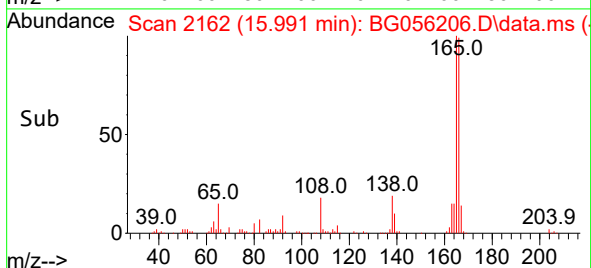
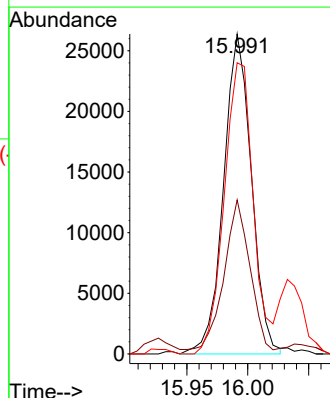
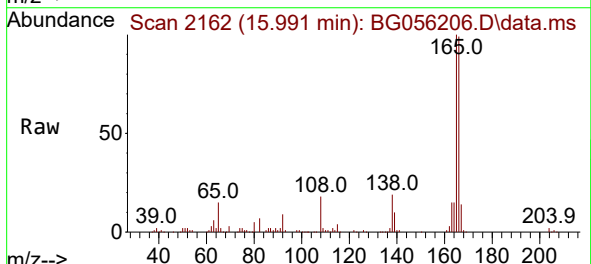
Tgt Ion:138 Resp: 41909

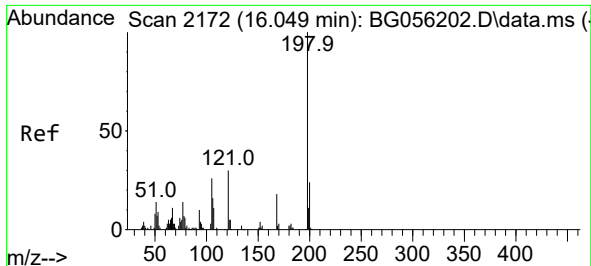
Ion Ratio Lower Upper

138 100

92 48.2 38.8 58.2

108 91.0 75.0 112.4

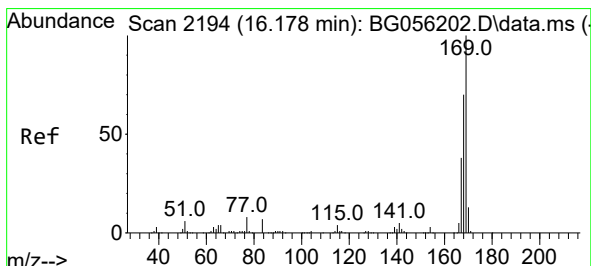
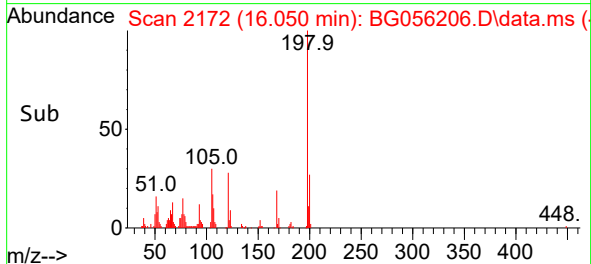
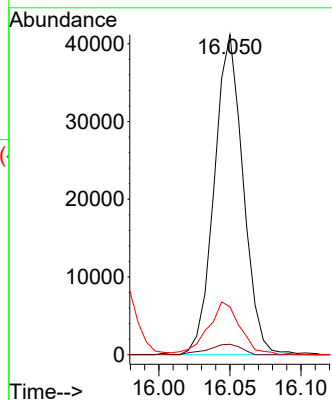
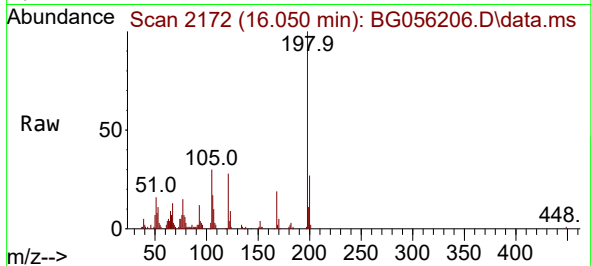




#66
4,6-Dinitro-2-methylphenol
Concen: 19.782 ng/ul
RT: 16.050 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

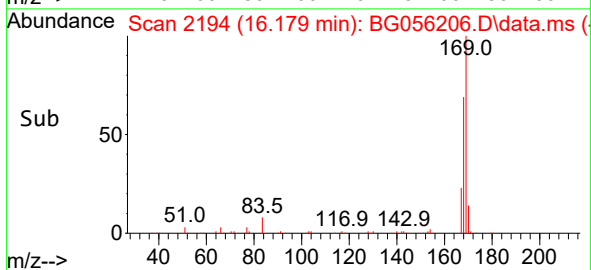
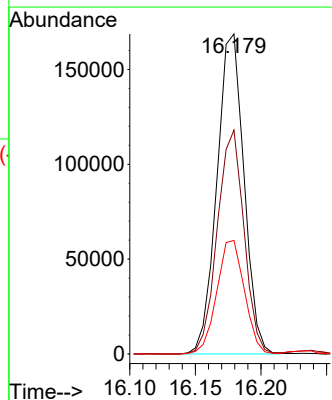
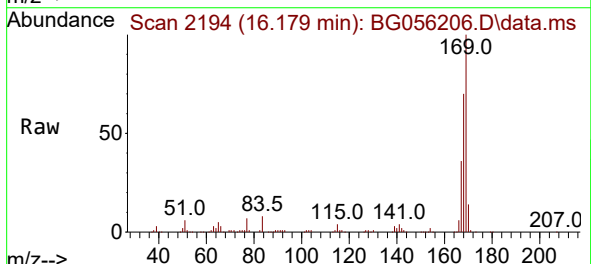
Instrument :
BNA_G
ClientSampleId :
SICV406

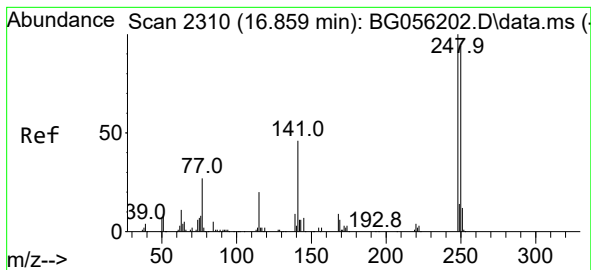
Tgt Ion:198 Resp: 57884
Ion Ratio Lower Upper
198 100
182 3.3 2.2 3.4
77 14.9 11.4 17.2



#67
N-Nitrosodiphenylamine
Concen: 20.790 ng/ul
RT: 16.179 min Scan# 2194
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:169 Resp: 242065
Ion Ratio Lower Upper
169 100
168 70.0 56.1 84.1
167 35.5 30.3 45.5

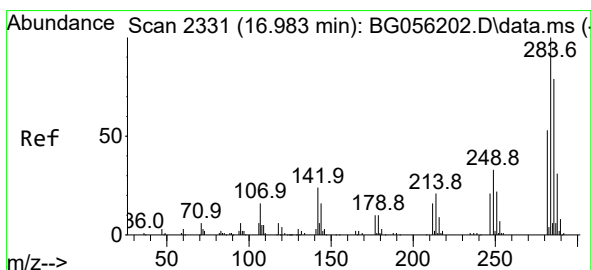
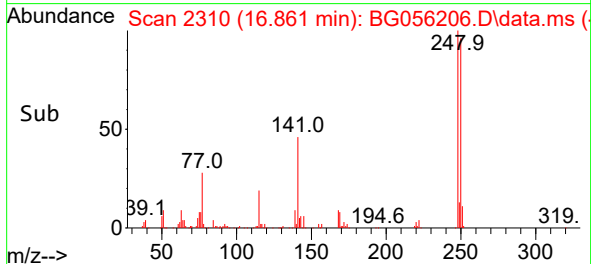
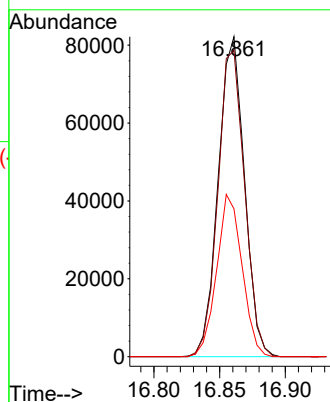
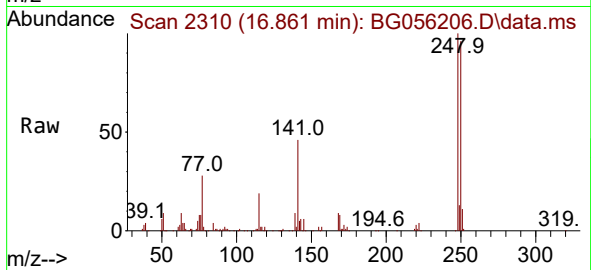




#68
4-Bromophenyl-phenylether
Concen: 20.403 ng/ul
RT: 16.861 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

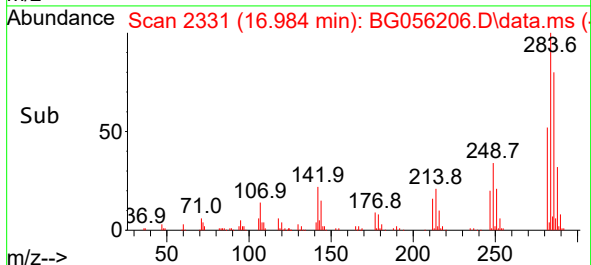
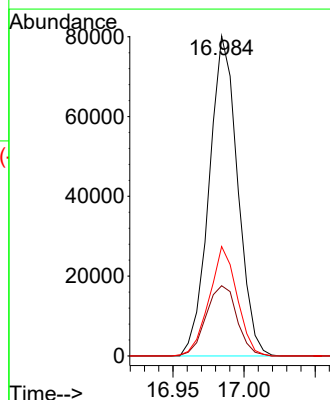
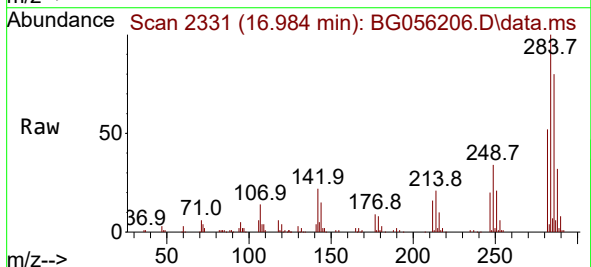
Instrument :
BNA_G
ClientSampleId :
SICV406

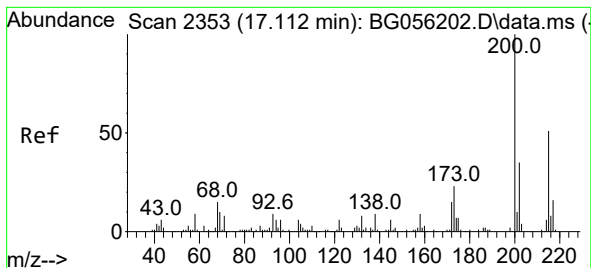
Tgt Ion:248 Resp: 114189
Ion Ratio Lower Upper
248 100
250 95.8 74.8 112.2
141 46.2 37.0 55.4



#69
Hexachlorobenzene
Concen: 20.184 ng/ul
RT: 16.984 min Scan# 2331
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:284 Resp: 111857
Ion Ratio Lower Upper
284 100
142 21.9 18.9 28.3
249 34.2 26.8 40.2





#70

Atrazine

Concen: 19.614 ng/ul

RT: 17.108 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

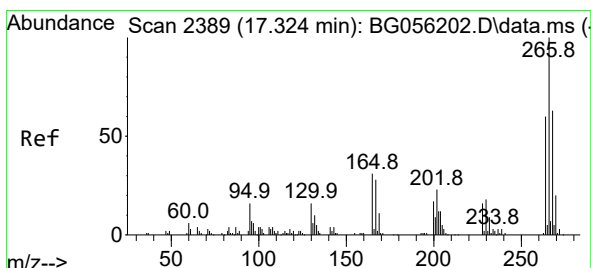
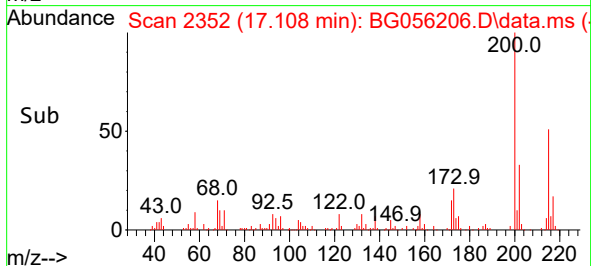
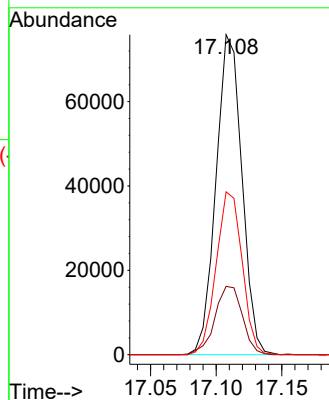
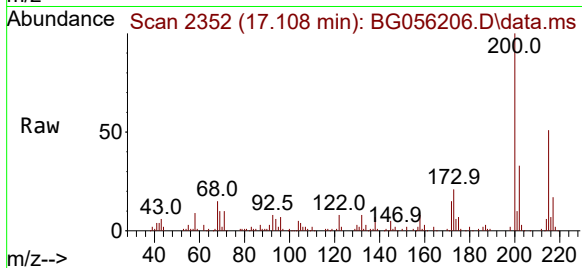
Tgt Ion:200 Resp: 104097

Ion Ratio Lower Upper

200 100

173 21.4 18.0 27.0

215 50.9 40.8 61.2



#71

Pentachlorophenol

Concen: 19.778 ng/ul

RT: 17.325 min Scan# 2389

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

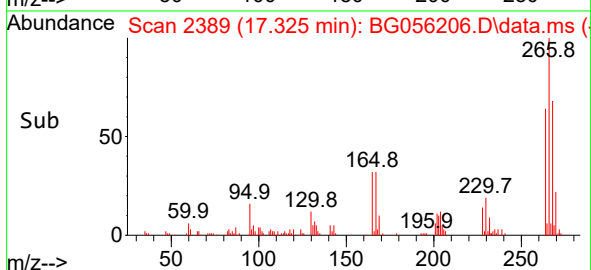
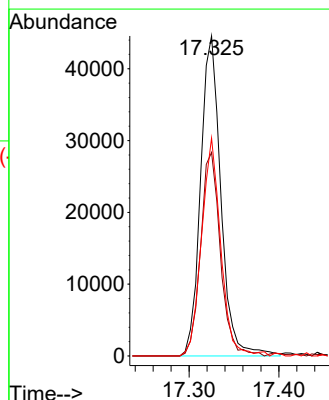
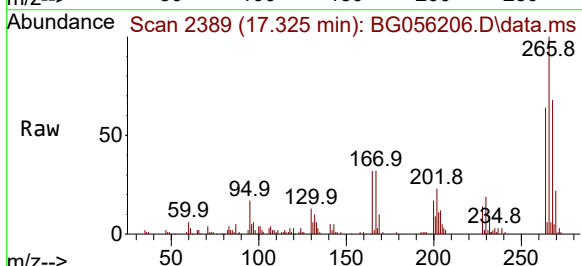
Tgt Ion:266 Resp: 69911

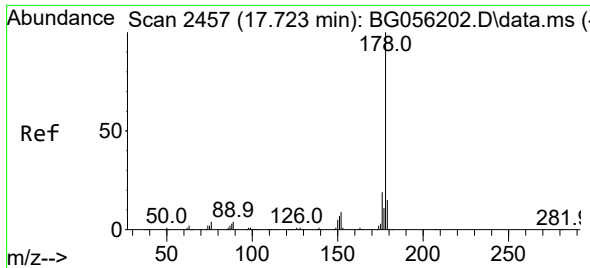
Ion Ratio Lower Upper

266 100

264 69.3 47.7 71.5

268 72.8 54.3 81.5

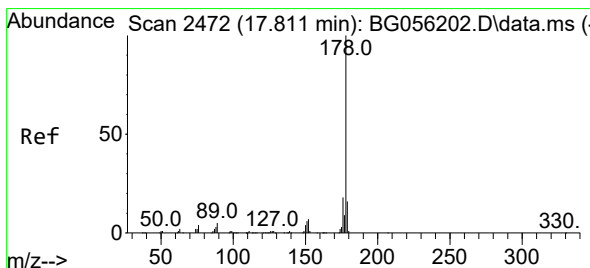
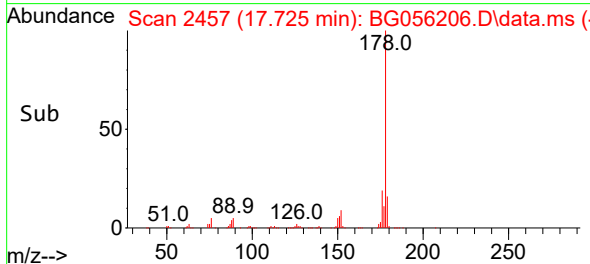
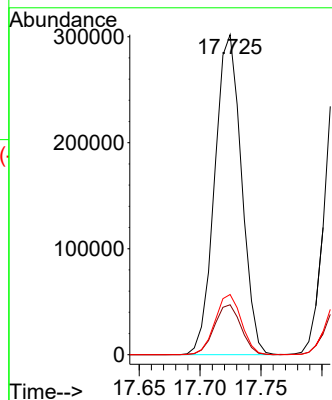
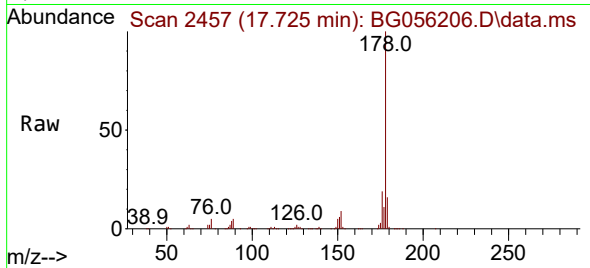




#72
Phenanthrene
Concen: 20.729 ng/ul
RT: 17.725 min Scan# 2457
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

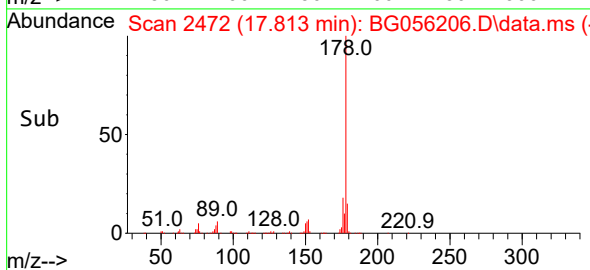
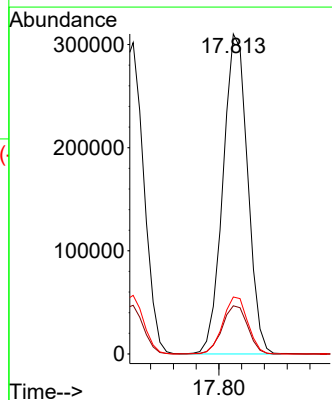
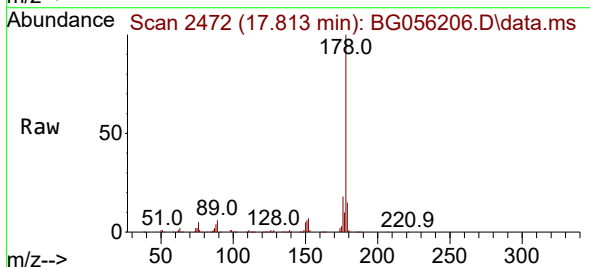
Instrument :
BNA_G
ClientSampleId :
SICV406

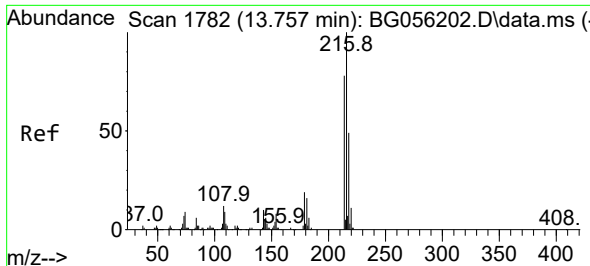
Tgt Ion:178 Resp: 461137
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.8 15.0 22.6



#74
Anthracene
Concen: 20.712 ng/ul
RT: 17.813 min Scan# 2472
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:178 Resp: 467792
Ion Ratio Lower Upper
178 100
179 15.0 13.0 19.6
176 17.8 14.2 21.4

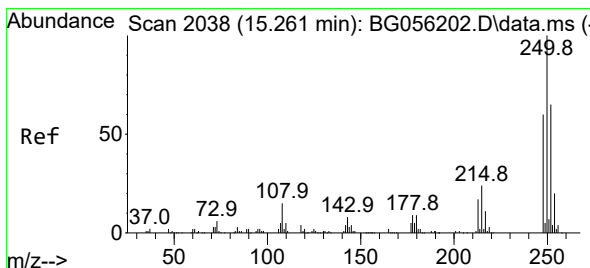
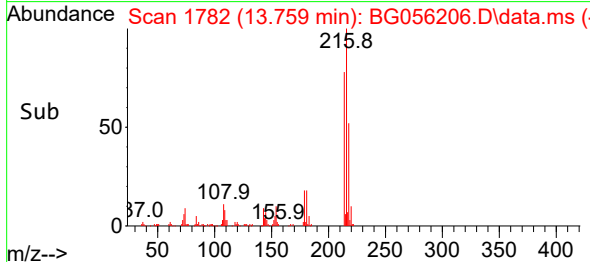
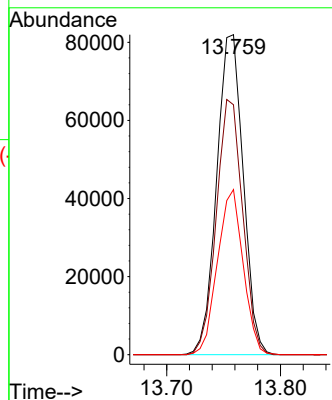
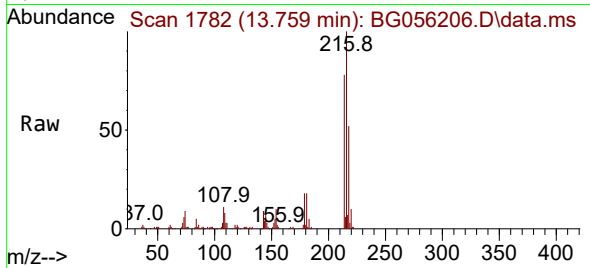




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.216 ng/uL
RT: 13.759 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

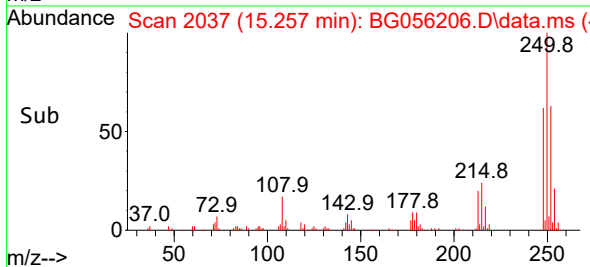
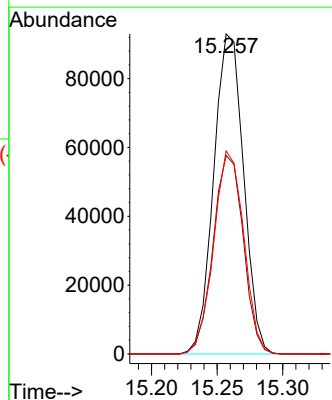
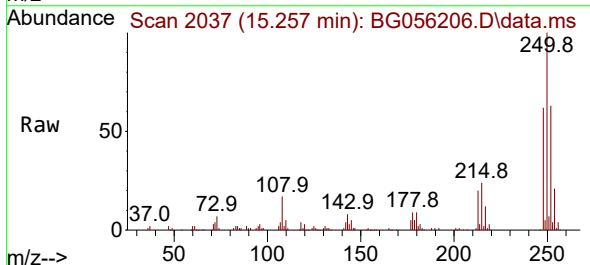
Instrument :
BNA_G
ClientSampleId :
SICV406

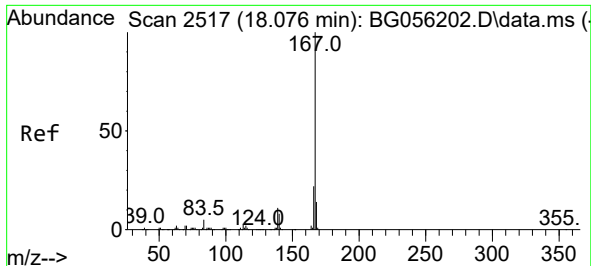
Tgt Ion:216 Resp: 132944
Ion Ratio Lower Upper
216 100
214 78.1 62.4 93.6
218 51.6 39.4 59.0



#76
Pentachlorobenzene
Concen: 21.883 ng/uL
RT: 15.257 min Scan# 2037
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:250 Resp: 147242
Ion Ratio Lower Upper
250 100
248 67.3 51.6 77.4
252 63.5 55.2 82.8

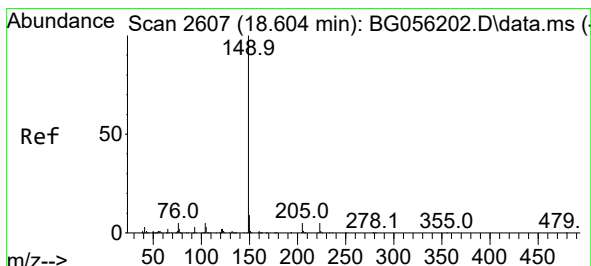
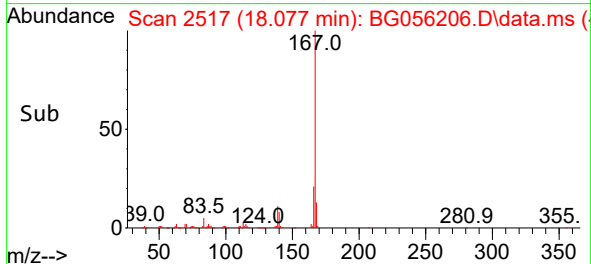
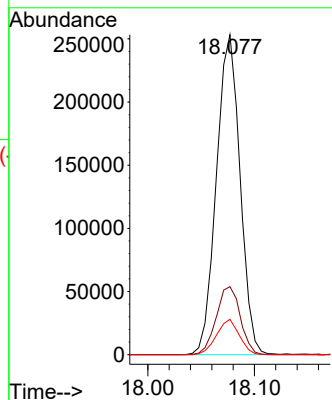
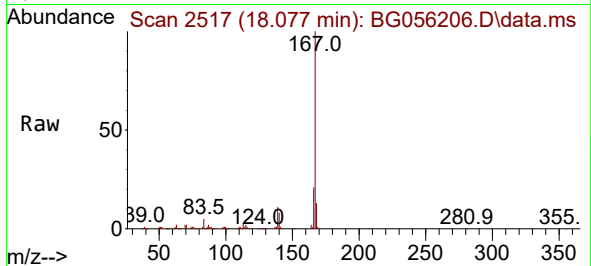




#77
 Carbazole
 Concen: 21.024 ng/ul
 RT: 18.077 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

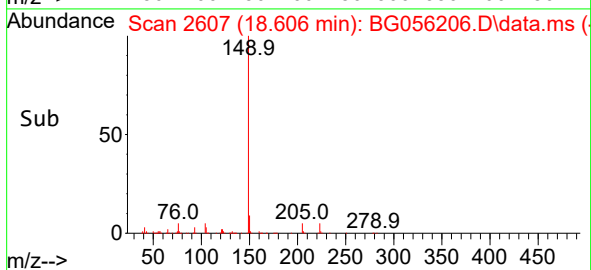
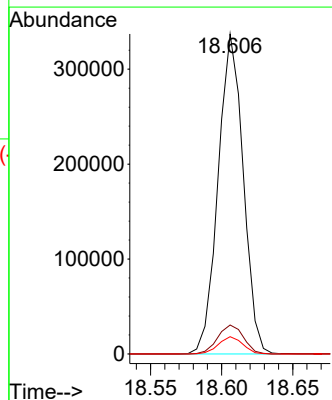
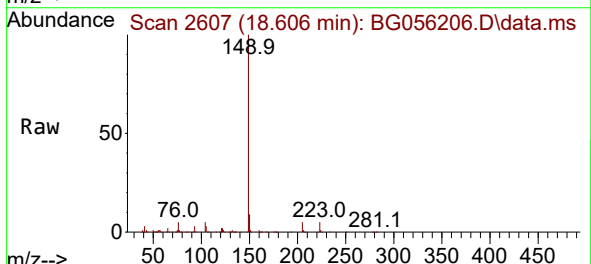
Instrument :
 BNA_G
 ClientSampleId :
 SICV406

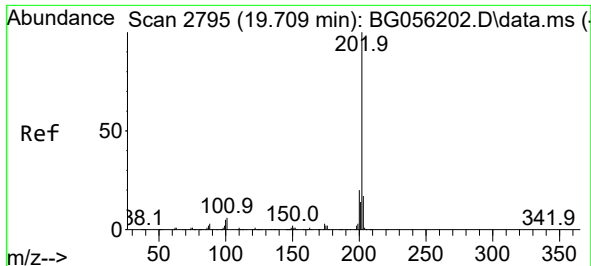
Tgt Ion:167 Resp: 389781
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 11.0 8.6 12.8



#78
 Di-n-butylphthalate
 Concen: 21.152 ng/ul
 RT: 18.606 min Scan# 2607
 Delta R.T. 0.002 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

Tgt Ion:149 Resp: 413810
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.4 4.2 6.4

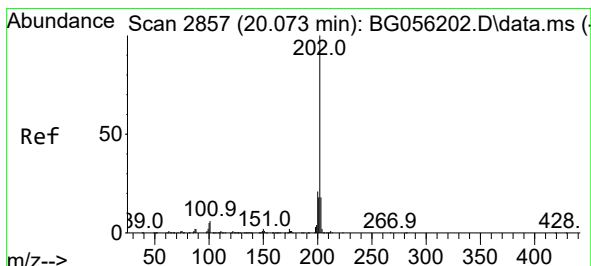
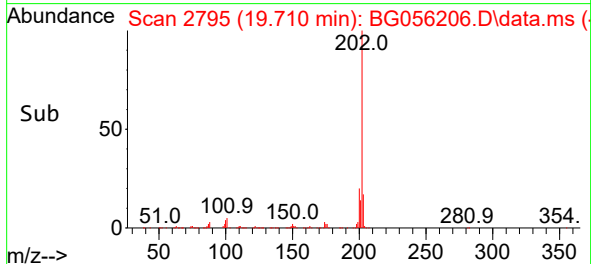
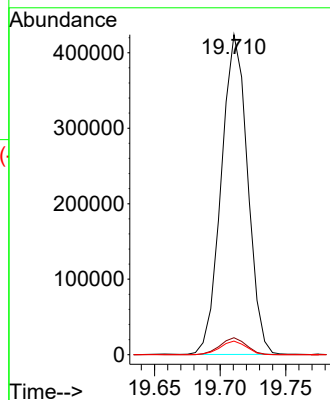
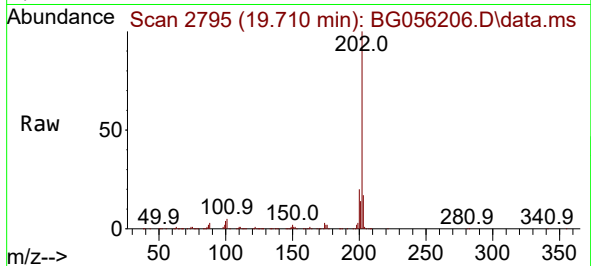




#80
Fluoranthene
Concen: 20.866 ng/ul
RT: 19.710 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

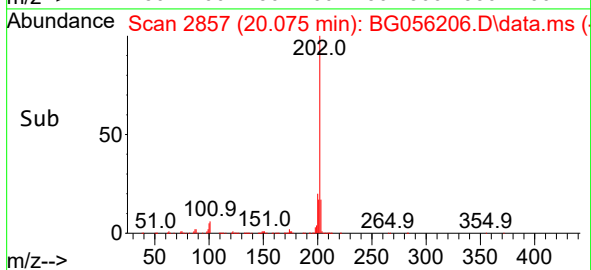
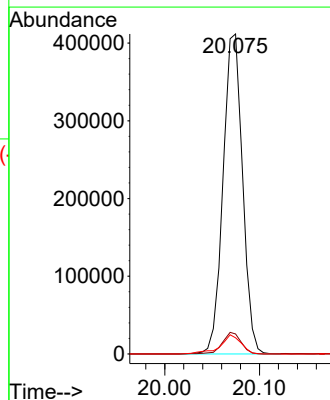
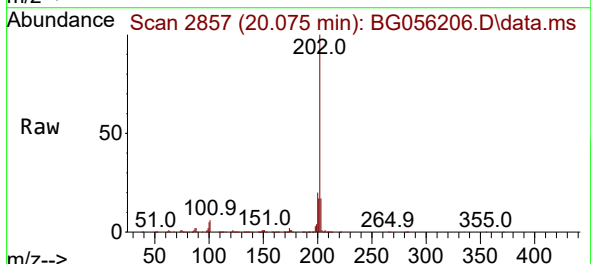
Instrument :
BNA_G
ClientSampleId :
SICV406

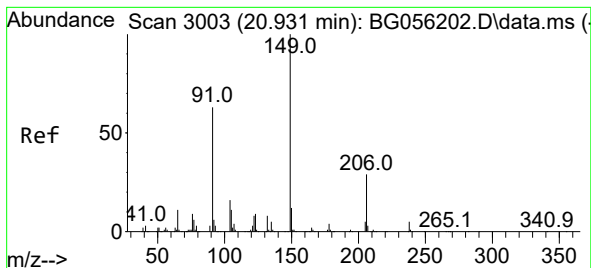
Tgt Ion:202 Resp: 590763
Ion Ratio Lower Upper
202 100
101 5.3 4.4 6.6
100 4.2 3.8 5.6



#82
Pyrene
Concen: 20.794 ng/ul
RT: 20.075 min Scan# 2857
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:202 Resp: 588790
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 5.1 4.2 6.2





#83

Butylbenzylphthalate

Concen: 20.444 ng/ul

RT: 20.933 min Scan# 3003

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

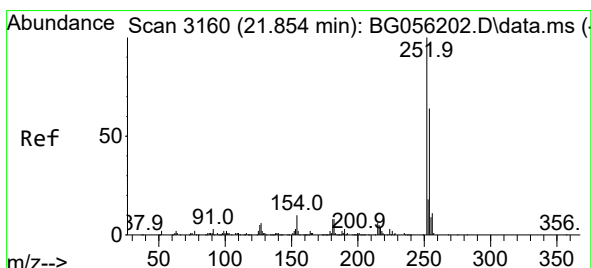
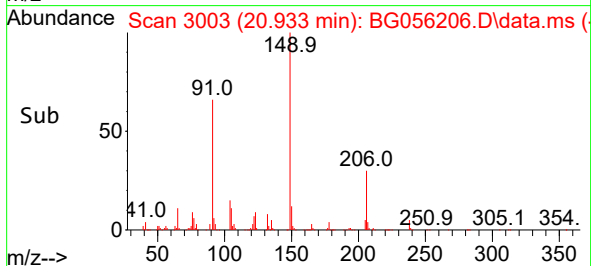
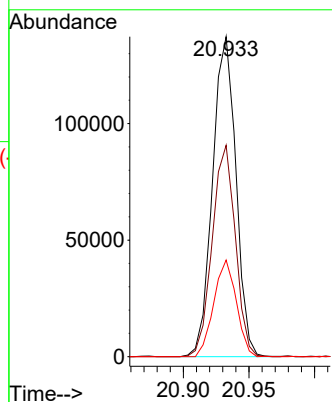
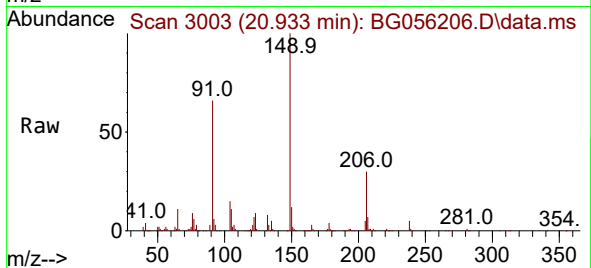
Tgt Ion:149 Resp: 169785

Ion Ratio Lower Upper

149 100

91 66.0 50.0 75.0

206 30.2 23.2 34.8



#84

3,3'-Dichlorobenzidine

Concen: 21.437 ng/ul

RT: 21.855 min Scan# 3160

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

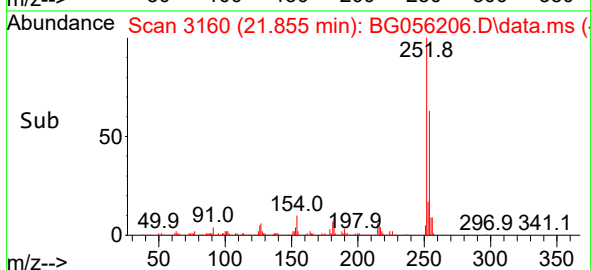
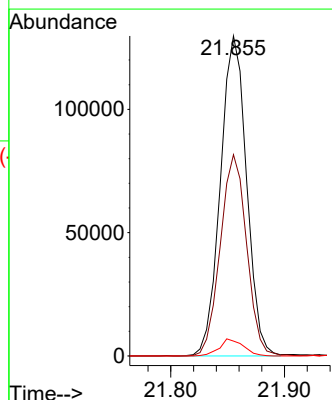
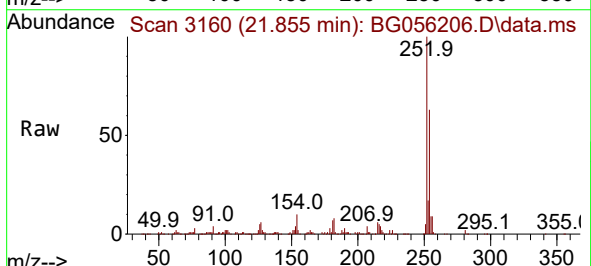
Tgt Ion:252 Resp: 207403

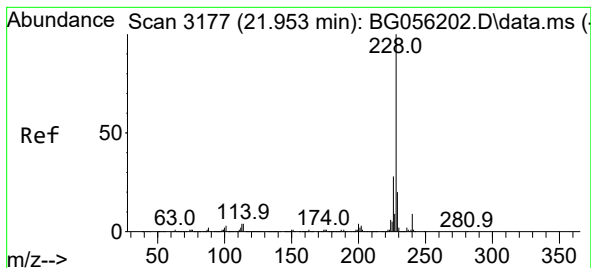
Ion Ratio Lower Upper

252 100

254 62.9 51.1 76.7

126 4.7 3.8 5.6





#85

Benzo(a)anthracene

Concen: 20.502 ng/ul

RT: 21.955 min Scan# 3177

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

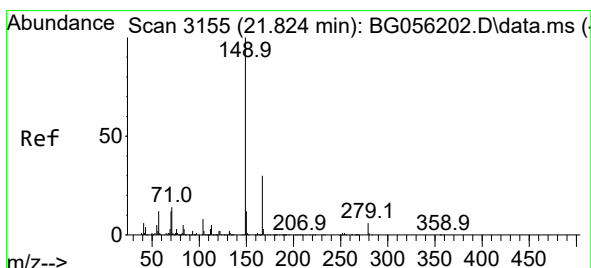
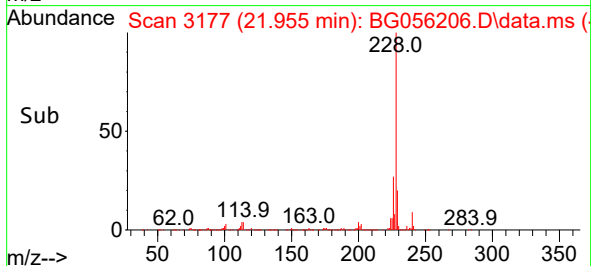
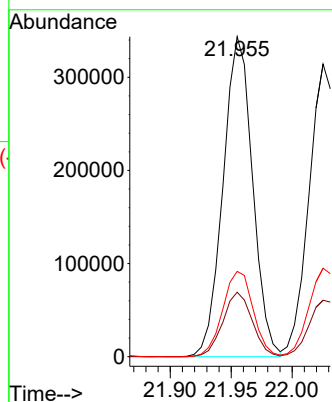
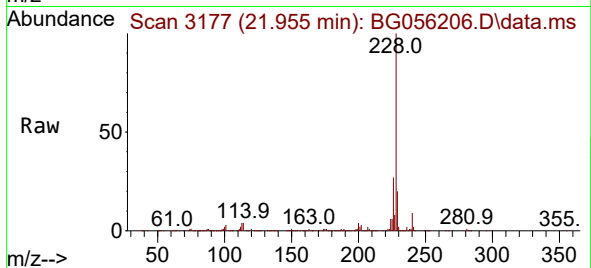
Tgt Ion:228 Resp: 578461

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 26.6 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.329 ng/ul

RT: 21.820 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

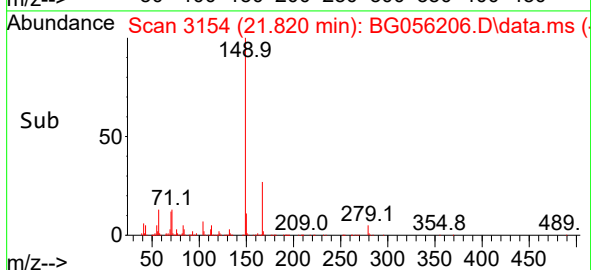
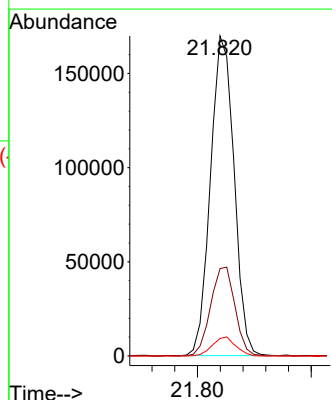
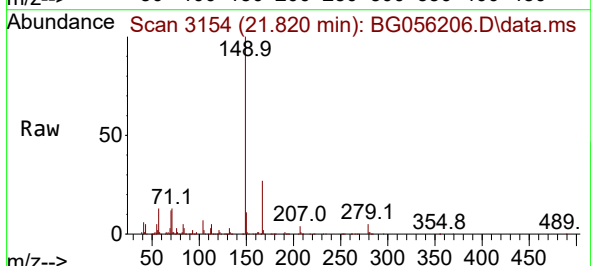
Tgt Ion:149 Resp: 244113

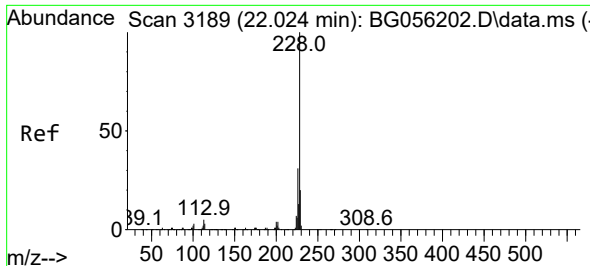
Ion Ratio Lower Upper

149 100

167 27.3 23.7 35.5

279 5.4 4.9 7.3

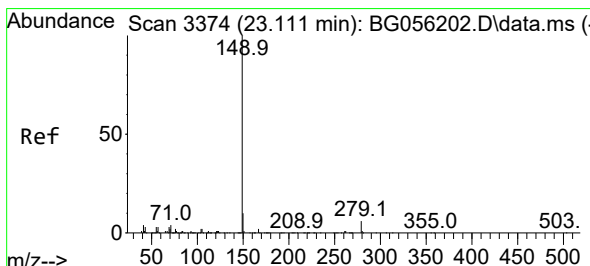
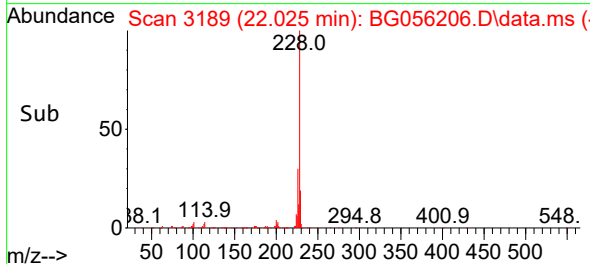
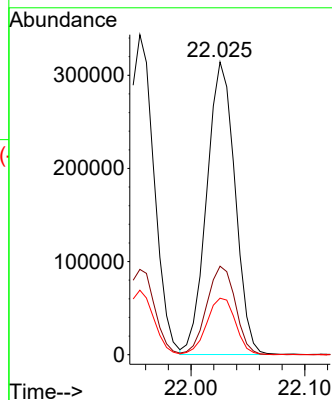
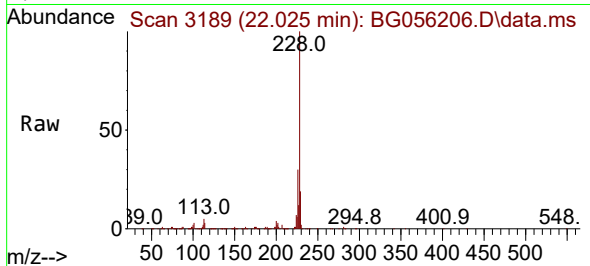




#87
Chrysene
Concen: 20.706 ng/ul
RT: 22.025 min Scan# 3189
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

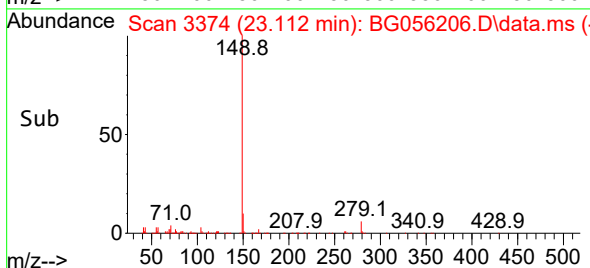
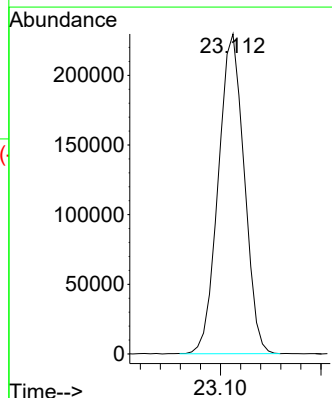
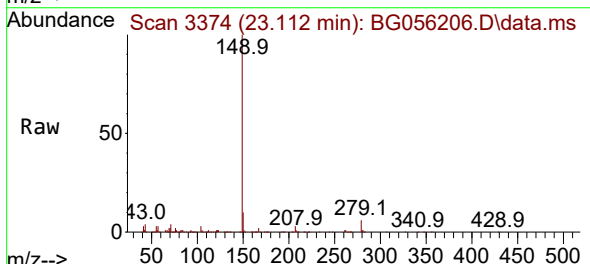
Instrument :
BNA_G
ClientSampleId :
SICV406

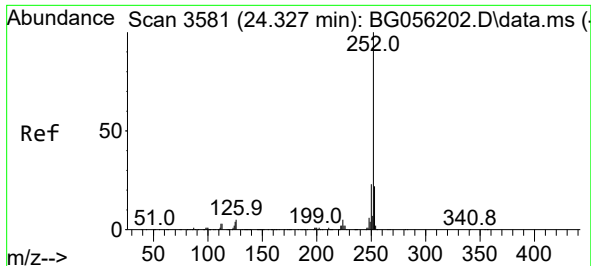
Tgt Ion:228 Resp: 543283
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.3 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 20.222 ng/ul
RT: 23.112 min Scan# 3374
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:149 Resp: 410452

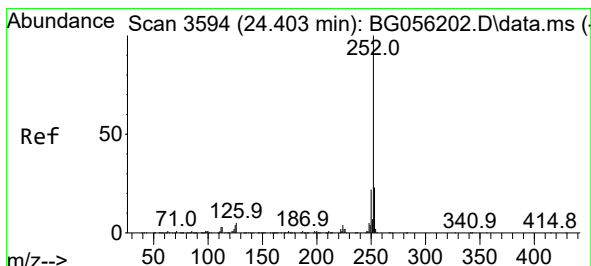
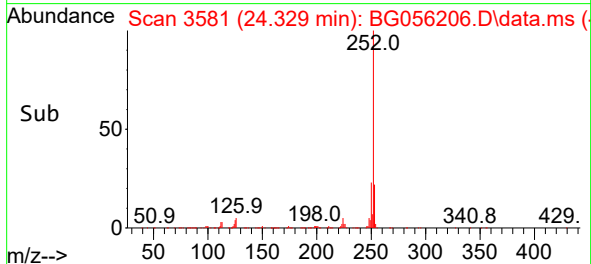
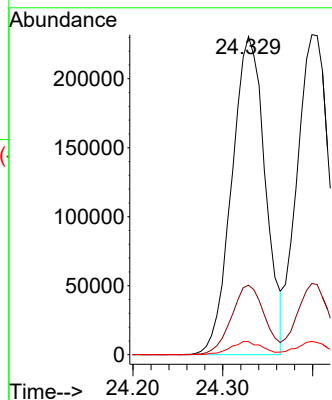
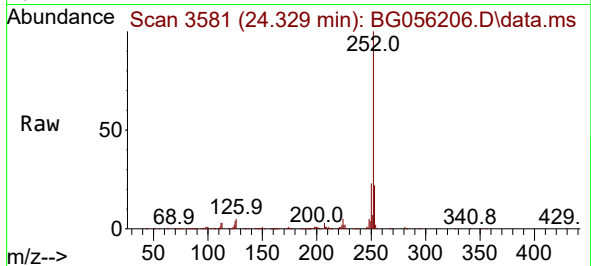




#90
Benzo(b)fluoranthene
Concen: 20.245 ng/ul
RT: 24.329 min Scan# 3581
Delta R.T. 0.001 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

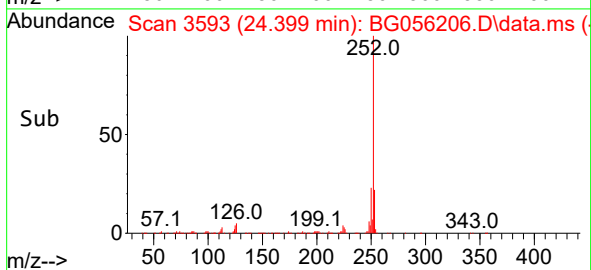
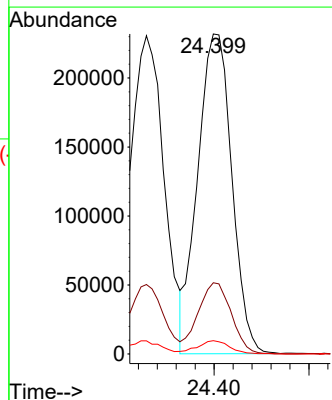
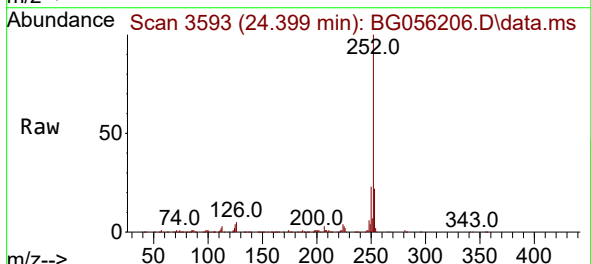
Instrument :
BNA_G
ClientSampleId :
SICV406

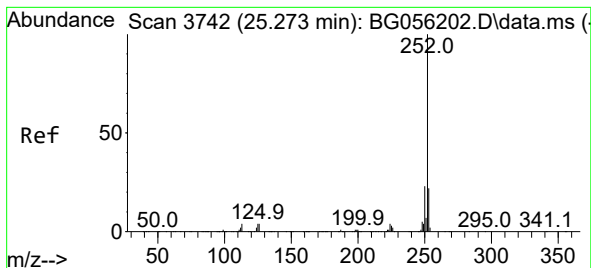
Tgt Ion:252 Resp: 597548
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.1 3.0 4.4



#91
Benzo(k)fluoranthene
Concen: 20.103 ng/ul
RT: 24.399 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BG056206.D
Acq: 4 Jan 2023 19:10

Tgt Ion:252 Resp: 580610
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 4.2 3.1 4.7





#93

Benzo(a)pyrene

Concen: 20.024 ng/ul

RT: 25.275 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

Instrument :

BNA_G

ClientSampleId :

SICV406

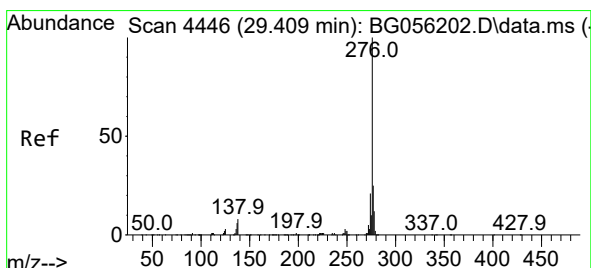
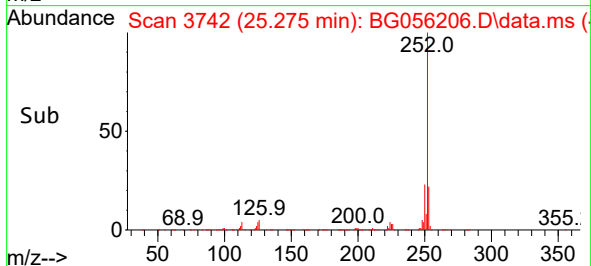
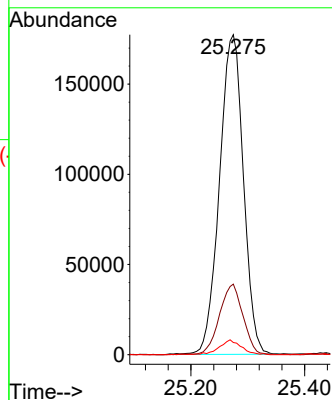
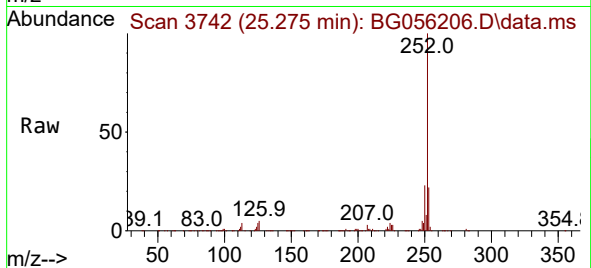
Tgt Ion:252 Resp: 517460

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 3.8 3.2 4.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.103 ng/ul

RT: 29.411 min Scan# 4446

Delta R.T. 0.002 min

Lab File: BG056206.D

Acq: 4 Jan 2023 19:10

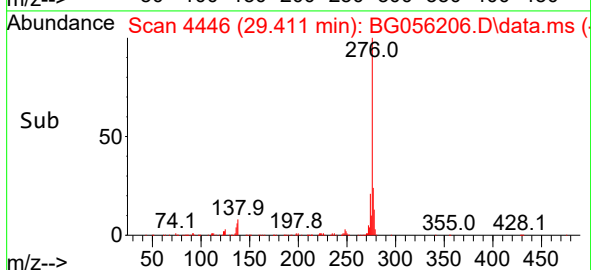
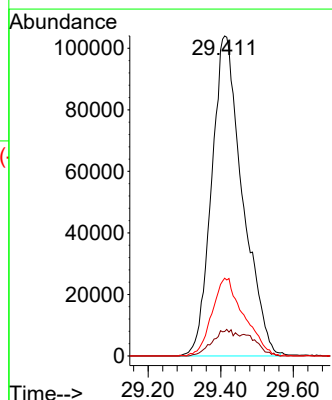
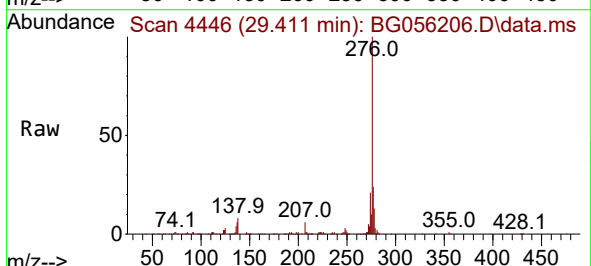
Tgt Ion:276 Resp: 615409

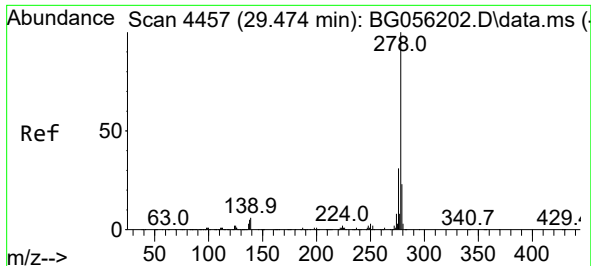
Ion Ratio Lower Upper

276 100

138 7.6 6.2 9.2

277 24.3 19.8 29.6

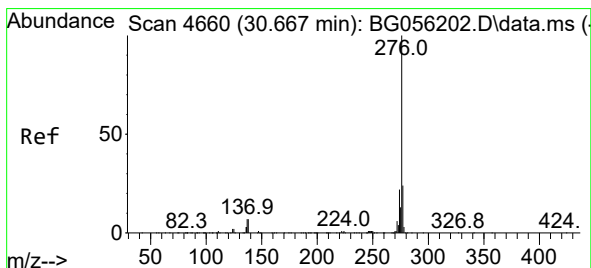
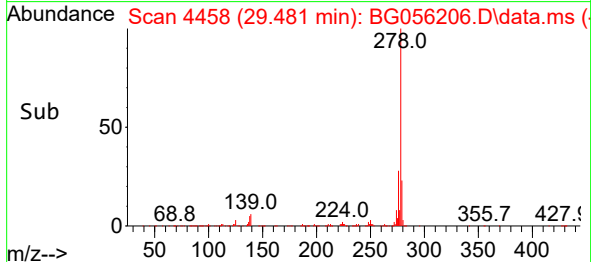
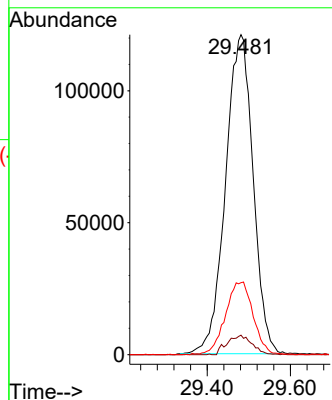
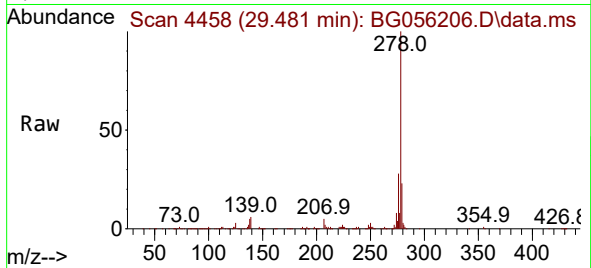




#95
 Dibenzo(a,h)anthracene
 Concen: 19.544 ng/ul
 RT: 29.481 min Scan# 4458
 Delta R.T. 0.007 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

Instrument :
 BNA_G
 ClientSampleId :
 SICV406

Tgt Ion:278 Resp: 555260
 Ion Ratio Lower Upper
 278 100
 139 6.1 5.0 7.4
 279 22.5 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 19.451 ng/ul
 RT: 30.656 min Scan# 4658
 Delta R.T. -0.010 min
 Lab File: BG056206.D
 Acq: 4 Jan 2023 19:10

Tgt Ion:276 Resp: 534557
 Ion Ratio Lower Upper
 276 100
 138 8.0 5.8 8.8
 277 23.5 19.1 28.7

