

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057286.D
 Acq On : 3 May 2023 14:32
 Operator : CG/JU
 Sample : 02419-29MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925MS

Quant Time: May 04 01:15:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.375	152	14585	20.000	ng/ul	0.00
20) Naphthalene-d8	11.218	136	59573	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.990	164	44040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.733	188	94679	20.000	ng/ul	0.00
79) Chrysene-d12	22.057	240	82926	20.000	ng/ul	0.00
88) Perylene-d12	25.599	264	88556	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	500	1.509	ng/uL	0.00
4) Pyridine-d5	4.110	84	2529	2.420	ng/ul	0.01
7) Phenol-d5	7.518	99	16538	11.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	9744	12.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.905	132	12696	13.968	ng/ul	0.00
15) 4-Methylphenol-d8	9.080	113	10548	10.062	ng/ul	0.00
21) Nitrobenzene-d5	9.556	128	6309	13.298	ng/ul	0.00
24) 2-Nitrophenol-d4	10.284	143	7590	13.709	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.831	165	16102	15.074	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	6864	4.848	ng/ul	0.00
46) Dimethylphthalate-d6	14.373	166	51208	14.674	ng/ul	0.00
49) Acenaphthylene-d8	14.690	160	58240	14.849	ng/ul	0.00
54) 4-Nitrophenol-d4	15.184	143	5602	11.029	ng/ul	0.00
60) Fluorene-d10	15.977	176	47690	14.670	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.094	200	6022	10.735	ng/ul	0.00
73) Anthracene-d10	17.833	188	66054	15.284	ng/ul	0.00
81) Pyrene-d10	20.101	212	77053	15.654	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.346	264	71290	15.801	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.693	88	2107	5.995	ng/uL#	91
5) Pyridine	4.134	79	3819	3.467	ng/ul#	72
6) Benzaldehyde	7.500	77	15041	35.704	ng/ul	86
8) Phenol	7.547	94	23052	16.582	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.776	93	15279	14.685	ng/ul	95
12) 2-Chlorophenol	7.941	128	15812	16.562	ng/ul	93
13) 2-Methylphenol	8.816	108	13235	12.284	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.898	45	18786	14.004	ng/ul#	88
16) Acetophenone	9.209	105	43758	24.257	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.174	70	14545	14.031	ng/ul	97
18) 4-Methylphenol	9.145	108	17063	14.631	ng/ul	90
19) Hexachloroethane	9.480	117	7263	18.182	ng/ul	96
22) Nitrobenzene	9.597	77	23238	16.449	ng/ul	97
23) Isophorone	10.114	82	40415	15.036	ng/ul	98
25) 2-Nitrophenol	10.320	139	9682	17.265	ng/ul	98
26) 2,4-Dimethylphenol	10.361	107	3328	2.616	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.590	93	22440	16.061	ng/ul	96
29) 2,4-Dichlorophenol	10.860	162	18583	18.328	ng/ul	93
30) Naphthalene	11.265	128	61546	18.816	ng/ul	99
32) 4-Chloroaniline	11.371	127	10066	6.824	ng/ul	98
33) Hexachlorobutadiene	11.536	225	16649	19.360	ng/ul	98
34) Caprolactam	12.123	113	5411	15.853	ng/ul	93
35) 4-Chloro-3-methylphenol	12.470	107	20126	17.252	ng/ul#	96
36) 2-Methylnaphthalene	12.846	142	46257	19.284	ng/ul	96

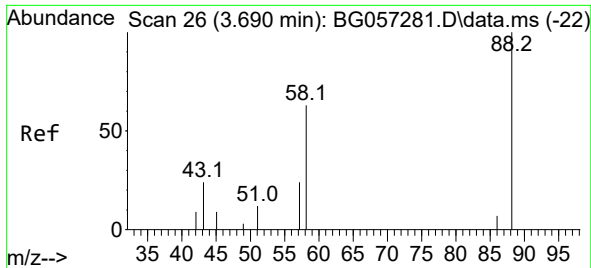
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.057	142	45632	18.919	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.204	216	31427	19.637	ng/ul	98
40) Hexachlorocyclopentadiene	13.175	237	1836	2.299	ng/ul#	83
41) 2,4,6-Trichlorophenol	13.439	196	18290	19.623	ng/ul	97
42) 2,4,5-Trichlorophenol	13.515	196	18758	18.744	ng/ul	90
43) 1,1'-Biphenyl	13.827	154	63222	18.814	ng/ul	98
44) 2-Chloronaphthalene	13.880	162	48426	18.586	ng/ul	97
45) 2-Nitroaniline	14.079	65	14052	17.865	ng/ul	96
47) Dimethylphthalate	14.420	163	61188	17.461	ng/ul	100
48) 2,6-Dinitrotoluene	14.555	165	12836	17.799	ng/ul	92
50) Acenaphthylene	14.720	152	72331	18.148	ng/ul	98
51) 3-Nitroaniline	14.884	138	9250	18.102	ng/ul	95
52) Acenaphthene	15.054	153	51755	18.225	ng/ul	96
53) 2,4-Dinitrophenol	15.107	184	3969	10.335	ng/ul	94
55) 4-Nitrophenol	15.195	109	9720	16.880	ng/ul	87
56) Dibenzofuran	15.383	168	76396	18.630	ng/ul	95
57) 2,4-Dinitrotoluene	15.342	165	18266	17.693	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.613	232	16099	17.704	ng/ul#	98
59) Diethylphthalate	15.771	149	60646	17.034	ng/ul	98
61) Fluorene	16.030	166	61931	17.860	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.012	204	34837	17.213	ng/ul	99
63) 4-Nitroaniline	16.041	138	10968	22.666	ng/ul	99
66) 4,6-Dinitro-2-methylph...	16.112	198	8493	14.858	ng/ul#	88
67) N-Nitrosodiphenylamine	16.223	169	49206	19.896	ng/ul	97
68) 4-Bromophenyl-phenylether	16.905	248	22117	19.544	ng/ul	93
69) Hexachlorobenzene	17.040	284	23586	19.793	ng/ul	99
70) Atrazine	17.157	200	21095	19.191	ng/ul	99
71) Pentachlorophenol	17.387	266	6145	11.156	ng/ul	92
72) Phenanthrene	17.774	178	140004	28.396	ng/ul	99
74) Anthracene	17.868	178	99258	20.042	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.803	216	32444	22.783	ng/uL	93
76) Pentachlorobenzene	15.307	250	31049	21.420	ng/uL	96
77) Carbazole	18.133	167	81041	19.580	ng/ul	100
78) Di-n-butylphthalate	18.650	149	115357	24.374	ng/ul	98
80) Fluoranthene	19.772	202	258097	44.142	ng/ul#	94
82) Pyrene	20.130	202	257205	43.453	ng/ul#	96
83) Butylbenzylphthalate	20.982	149	69747	36.794	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.933	252	19193	10.421	ng/ul#	95
85) Benzo(a)anthracene	22.039	228	231613	39.491	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.880	149	346547	125.699	ng/ul#	97
87) Chrysene	22.110	228	227472	41.109	ng/ul	96
89) Di-n-octyl phthalate	23.185	149	126722	25.913	ng/ul	100
90) Benzo(b)fluoranthene	24.465	252	331136	53.997	ng/ul	95
91) Benzo(k)fluoranthene	24.536	252	194283	32.564	ng/ul	98
93) Benzo(a)pyrene	25.435	252	247011	46.656	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.699	276	276029	41.709	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.746	278	153802	28.027	ng/ul	96
96) Benzo(g,h,i)perylene	30.986	276	244230	45.599	ng/ul	96

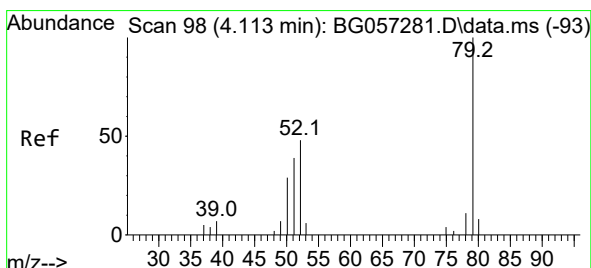
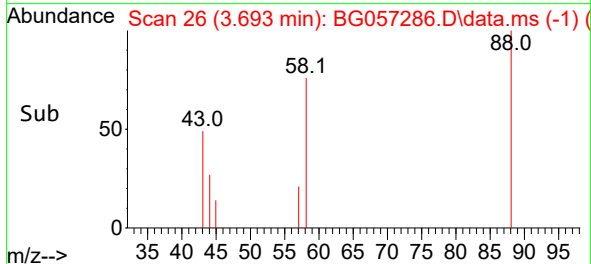
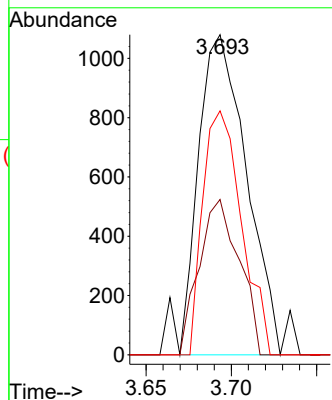
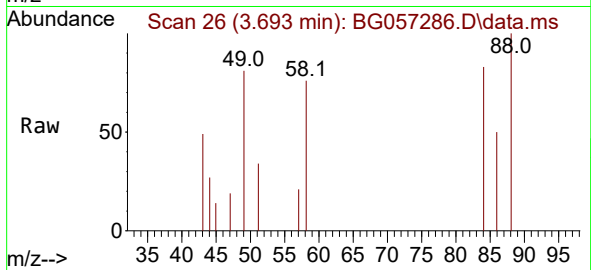
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#2
1,4-Dioxane
Concen: 5.995 ng/uL
RT: 3.693 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

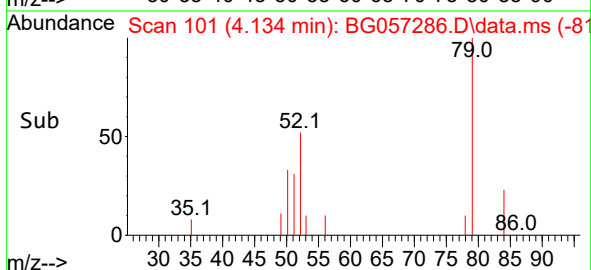
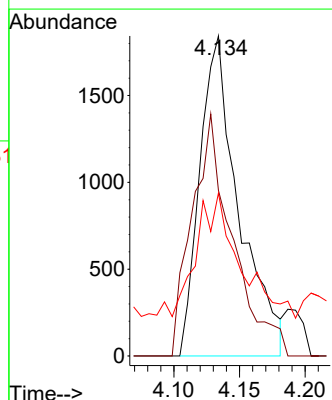
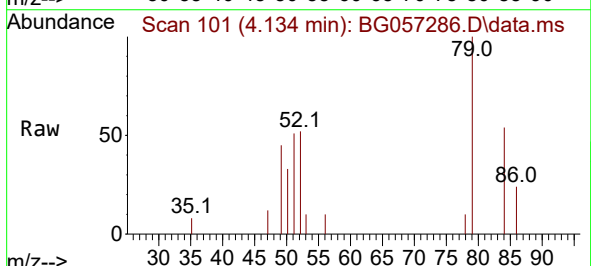
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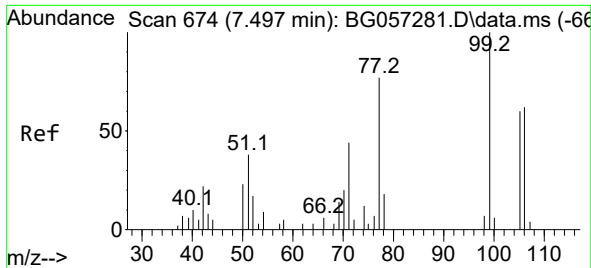
Tgt Ion	Ratio	Lower	Upper
88	100		
43	48.5	28.2	42.4#
58	76.2	63.3	94.9



#5
Pyridine
Concen: 3.467 ng/uL
RT: 4.134 min Scan# 101
Delta R.T. 0.018 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion	Ratio	Lower	Upper
79	100		
52	51.8	62.4	93.6#
51	50.9	29.0	43.4#

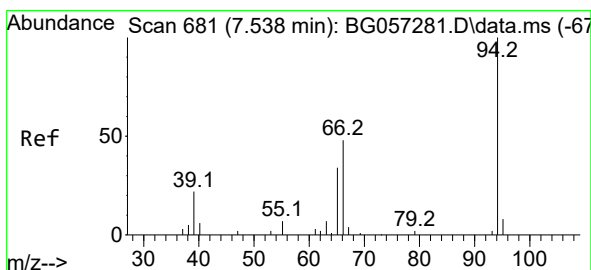
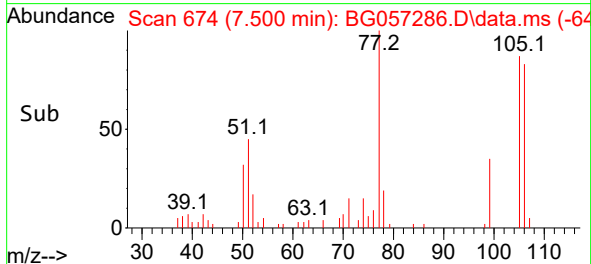
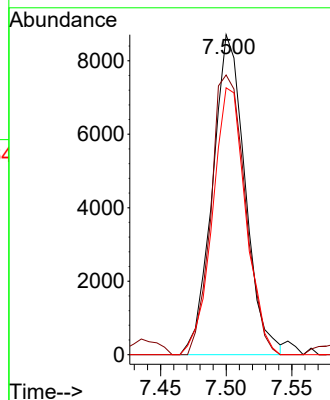
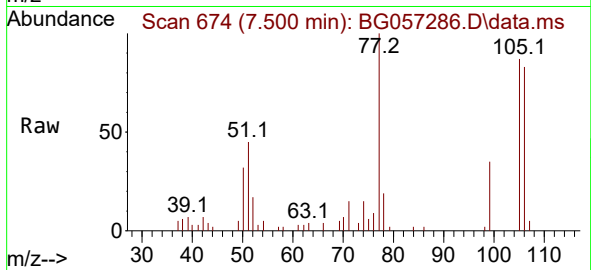




#6
Benzaldehyde
Concen: 35.704 ng/ul
RT: 7.500 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

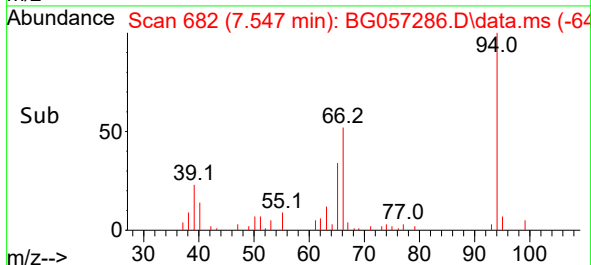
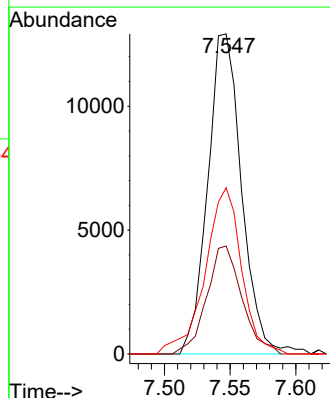
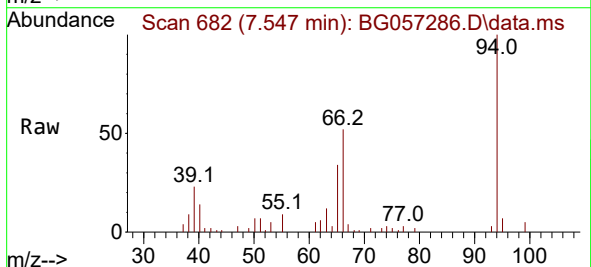
Instrument :
BNA_G
ClientSampleId :
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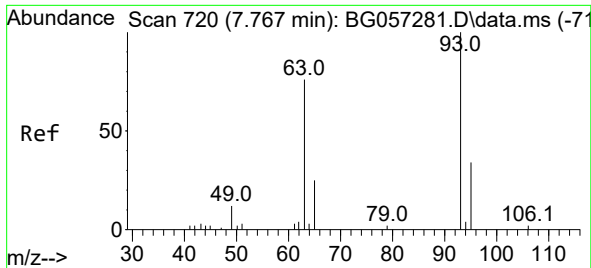
Tgt Ion: 77 Resp: 15041
Ion Ratio Lower Upper
77 100
105 87.4 79.8 119.6
106 83.4 78.7 118.1



#8
Phenol
Concen: 16.582 ng/ul
RT: 7.547 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion: 94 Resp: 23052
Ion Ratio Lower Upper
94 100
65 33.8 25.5 38.3
66 51.9 36.9 55.3

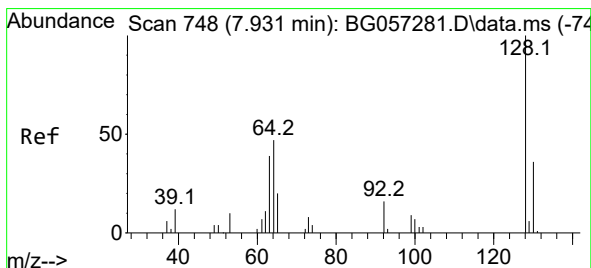
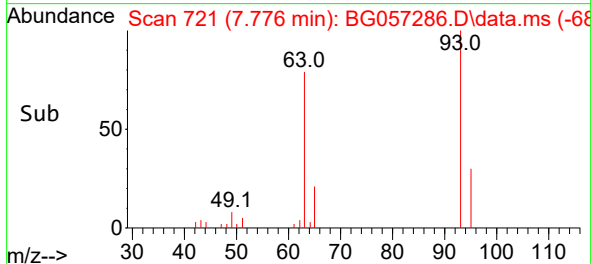
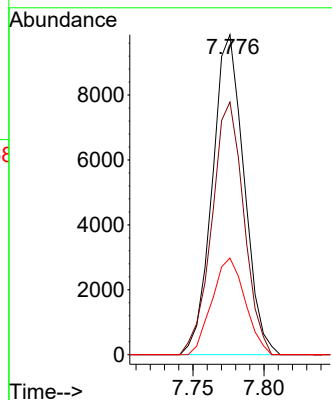
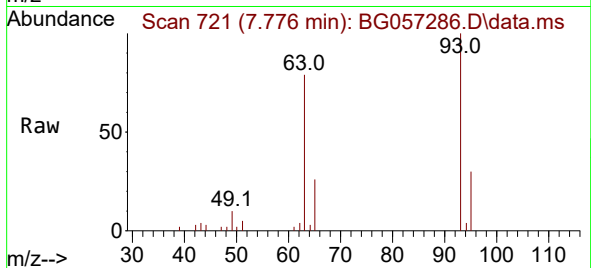




#10
Bis(2-Chloroethyl)ether
Concen: 14.685 ng/ul
RT: 7.776 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

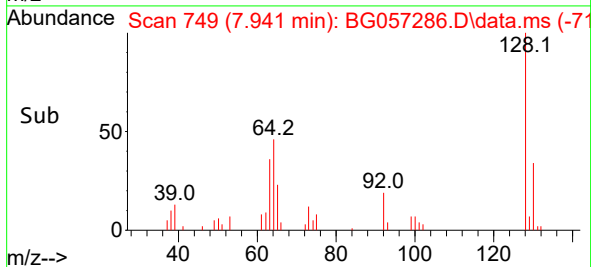
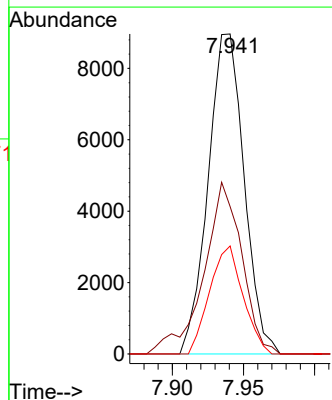
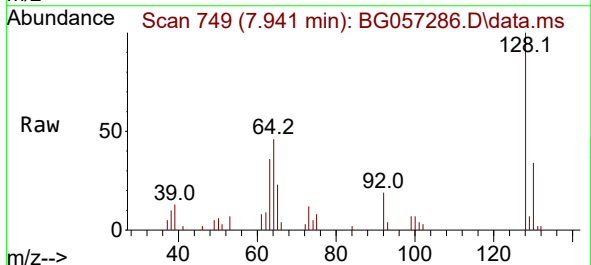
Instrument :
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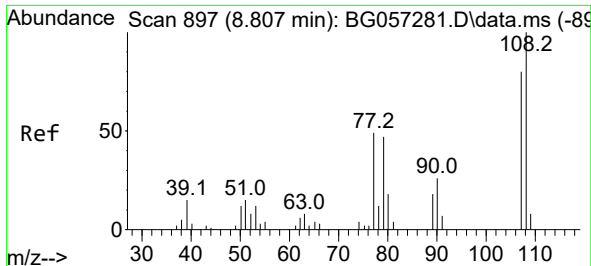
Tgt Ion: 93 Resp: 15279
Ion Ratio Lower Upper
93 100
63 79.0 67.2 100.8
95 30.2 26.3 39.5



#12
2-Chlorophenol
Concen: 16.562 ng/ul
RT: 7.941 min Scan# 749
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:128 Resp: 15812
Ion Ratio Lower Upper
128 100
64 46.1 41.3 61.9
130 33.8 24.6 37.0





#13

2-Methylphenol

Concen: 12.284 ng/ul

RT: 8.816 min Scan# 897

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

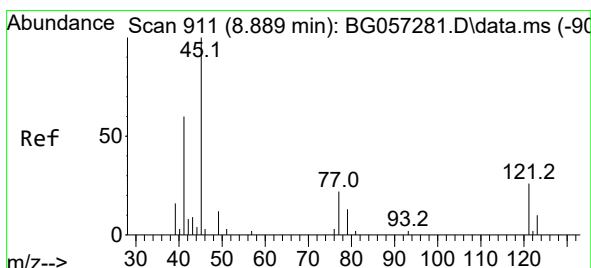
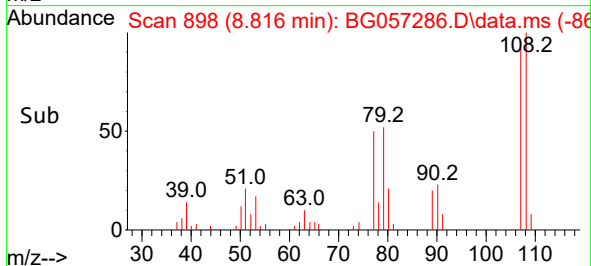
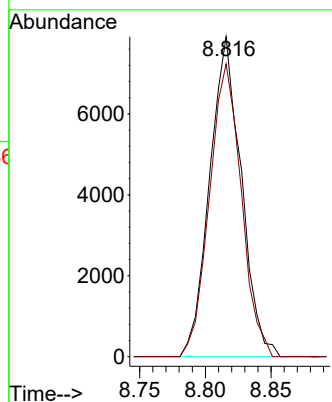
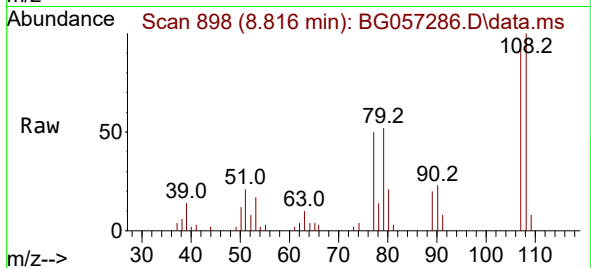
EW925MS

Tgt Ion:108 Resp: 13235

Ion Ratio Lower Upper

108 100

107 91.5 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 14.004 ng/ul

RT: 8.898 min Scan# 912

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

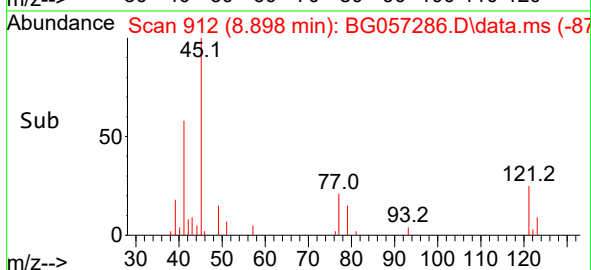
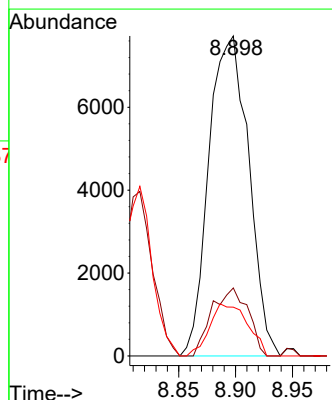
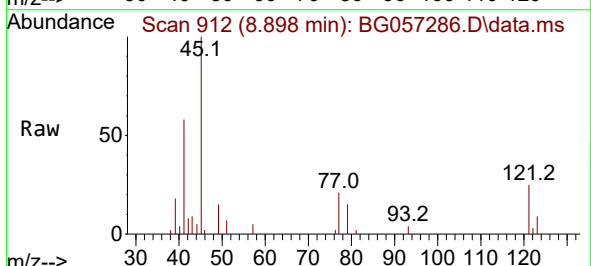
Tgt Ion: 45 Resp: 18786

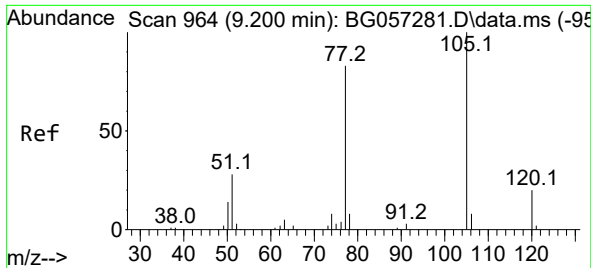
Ion Ratio Lower Upper

45 100

77 21.2 12.9 19.3#

79 15.2 8.9 13.3#

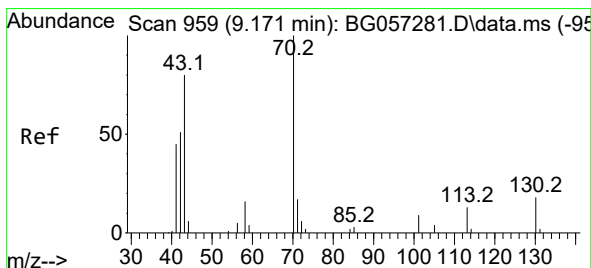
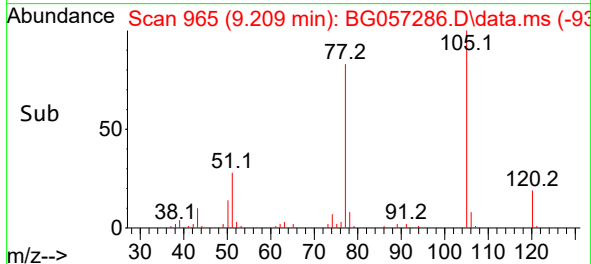
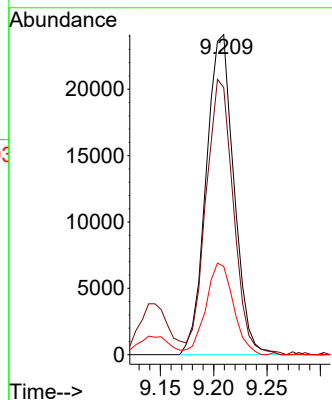
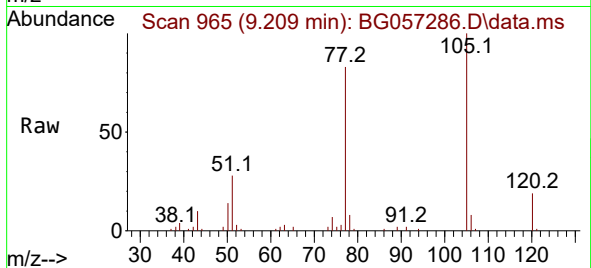




#16
Acetophenone
Concen: 24.257 ng/ul
RT: 9.209 min Scan# 910
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

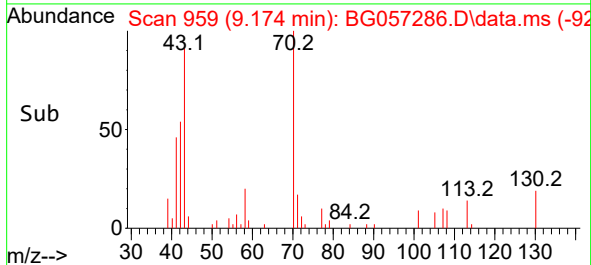
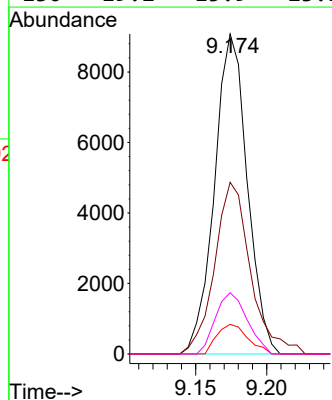
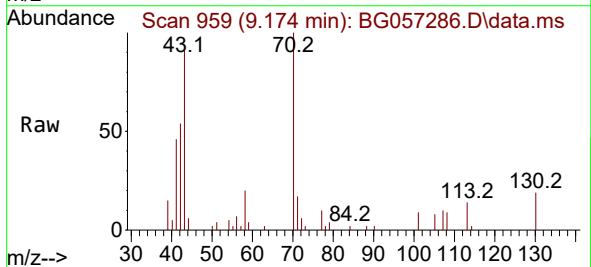
Instrument :
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ClientSampleId :
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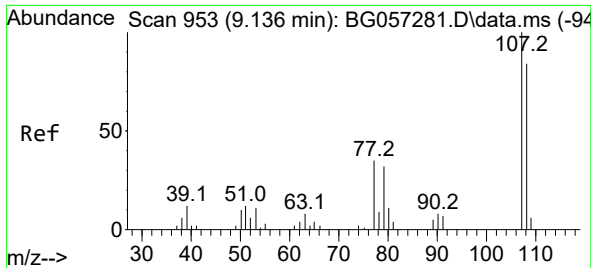
Tgt Ion:105 Resp: 43758
Ion Ratio Lower Upper
105 100
77 83.5 70.6 105.8
51 27.6 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 14.031 ng/ul
RT: 9.174 min Scan# 959
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion: 70 Resp: 14545
Ion Ratio Lower Upper
70 100
42 53.6 45.0 67.4
101 9.2 6.5 9.7
130 19.2 15.9 23.9

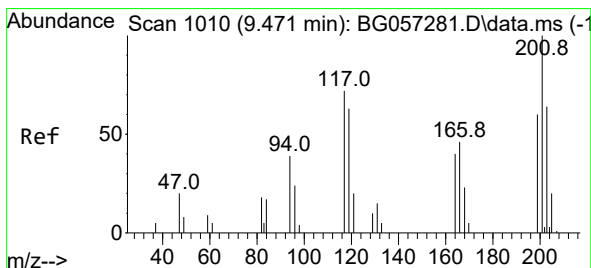
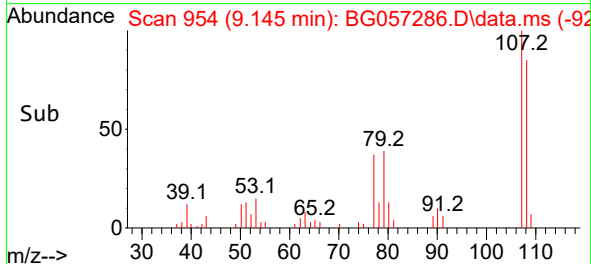
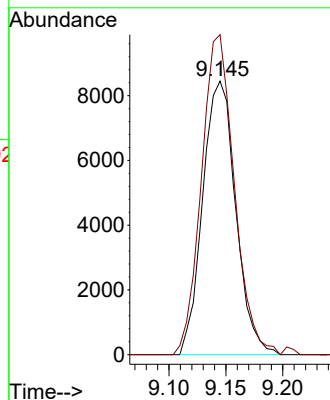
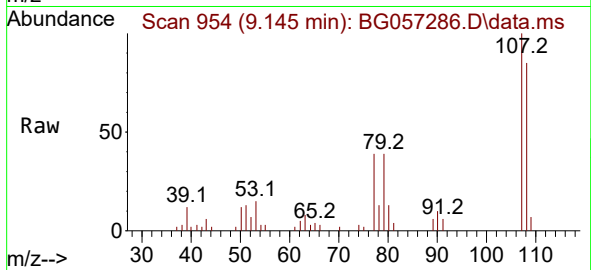




#18
4-Methylphenol
Concen: 14.631 ng/ul
RT: 9.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

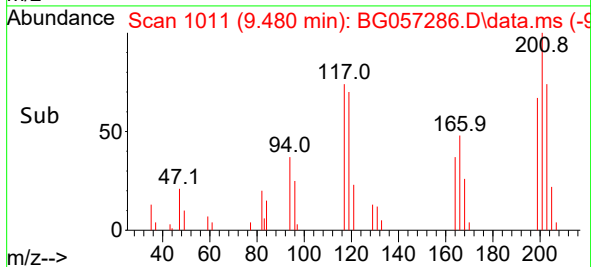
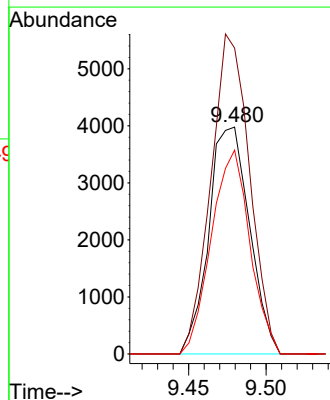
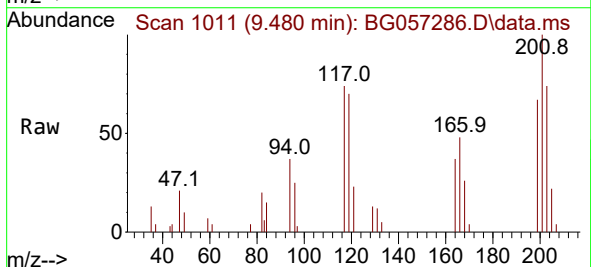
Instrument :
BNA_G
ClientSampleId :
EW925MS

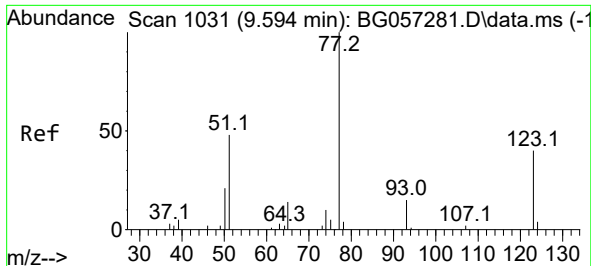
Tgt Ion:108 Resp: 17063
Ion Ratio Lower Upper
108 100
107 117.0 85.1 127.7



#19
Hexachloroethane
Concen: 18.182 ng/ul
RT: 9.480 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:117 Resp: 7263
Ion Ratio Lower Upper
117 100
201 134.8 109.4 164.2
199 89.8 65.4 98.2





#22

Nitrobenzene

Concen: 16.449 ng/ul

RT: 9.597 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

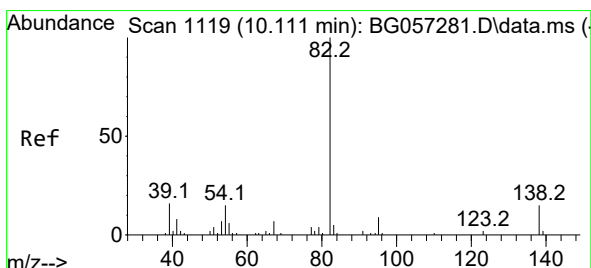
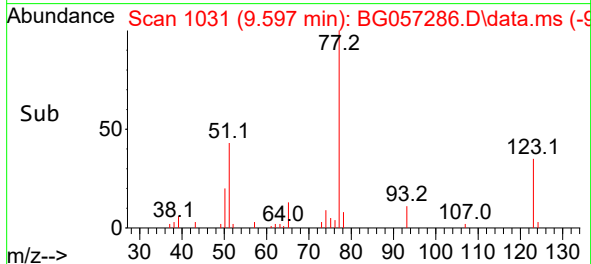
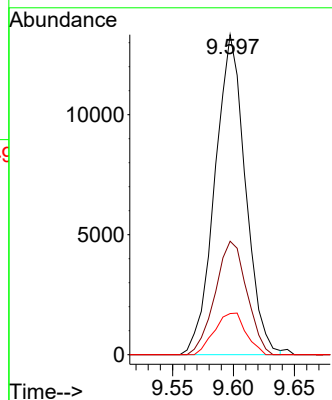
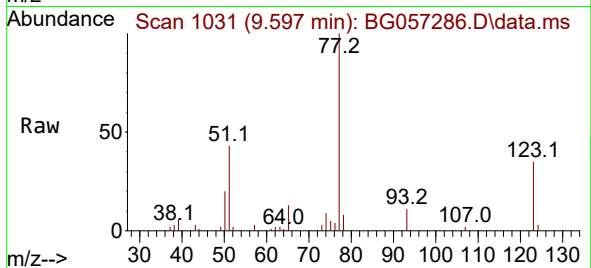
Tgt Ion: 77 Resp: 23238

Ion Ratio Lower Upper

77 100

123 35.4 29.6 44.4

65 12.9 11.4 17.0



#23

Isophorone

Concen: 15.036 ng/ul

RT: 10.114 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

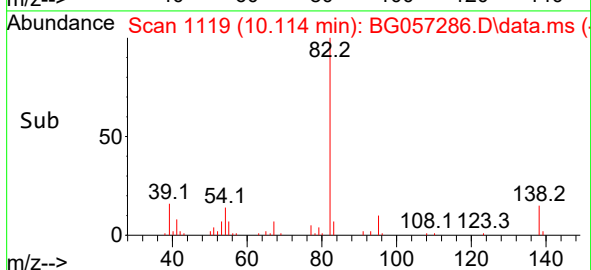
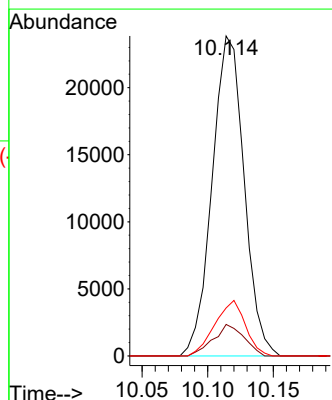
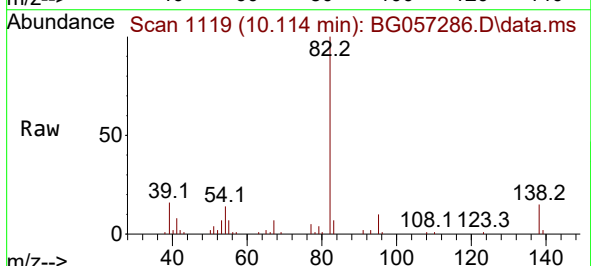
Tgt Ion: 82 Resp: 40415

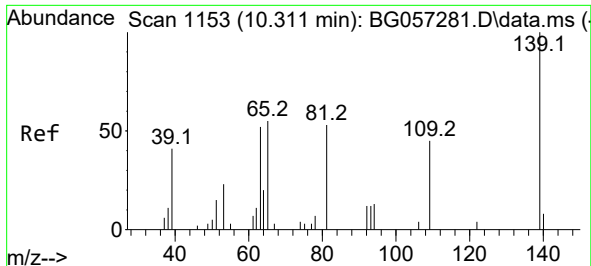
Ion Ratio Lower Upper

82 100

95 9.9 6.8 10.2

138 15.0 12.2 18.2

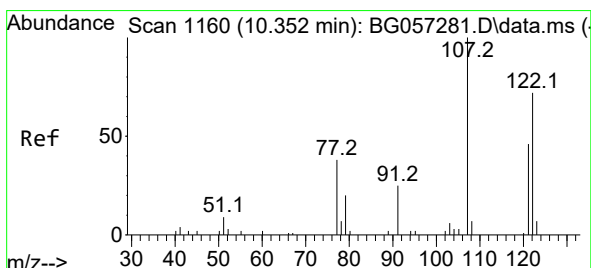
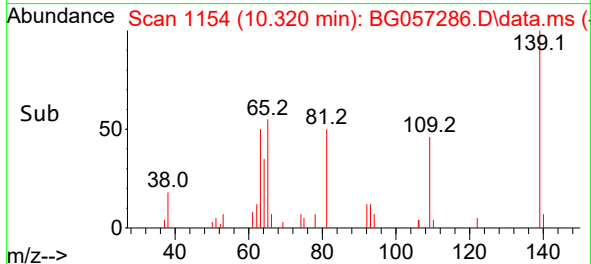
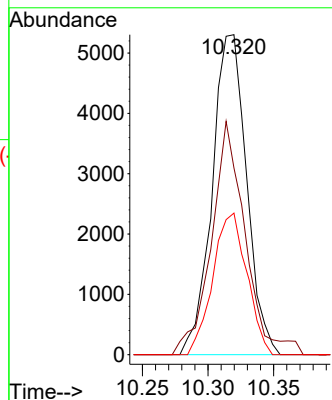
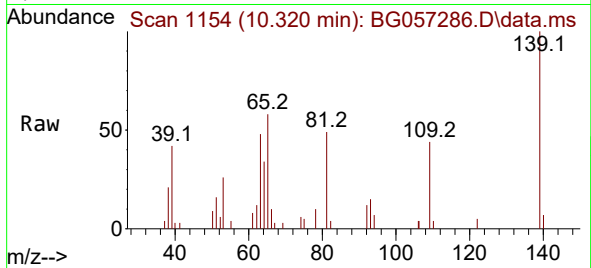




#25
2-Nitrophenol
Concen: 17.265 ng/ul
RT: 10.320 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

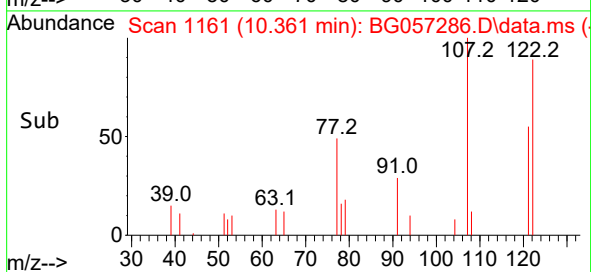
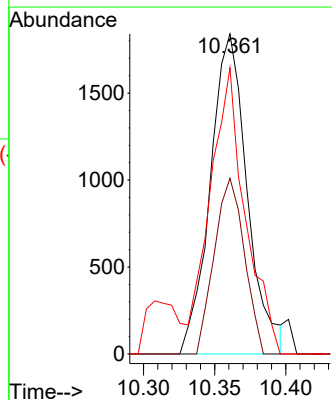
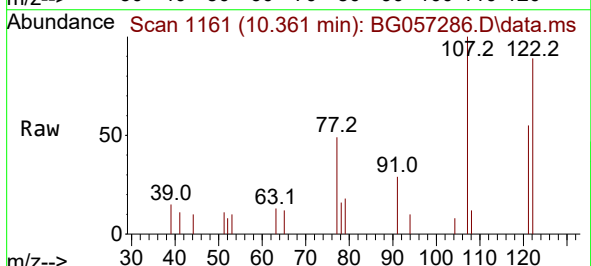
Instrument :
BNA_G
ClientSampleId :
EW925MS

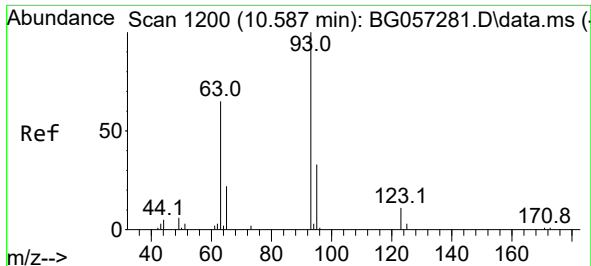
Tgt Ion:139 Resp: 9682
Ion Ratio Lower Upper
139 100
65 58.3 48.7 73.1
109 44.2 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 2.616 ng/ul
RT: 10.361 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:107 Resp: 3328
Ion Ratio Lower Upper
107 100
121 54.9 35.4 53.0#
122 89.5 57.0 85.4#





#27

Bis(2-Chloroethoxy)methane

Concen: 16.061 ng/ul

RT: 10.590 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

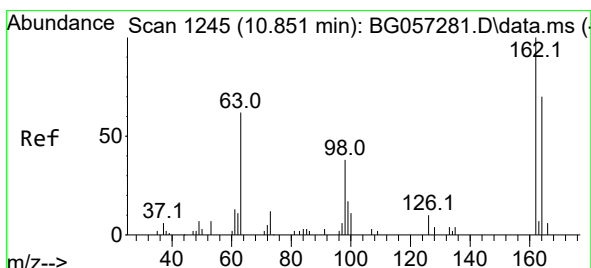
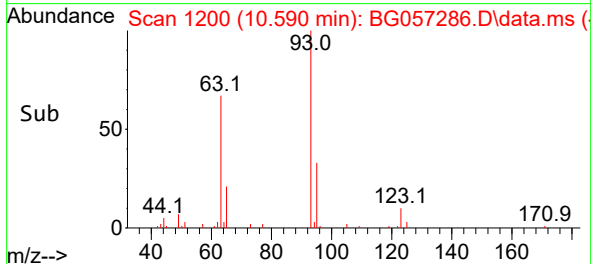
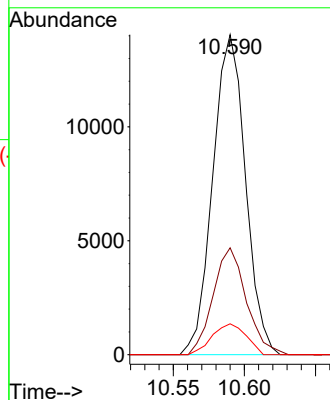
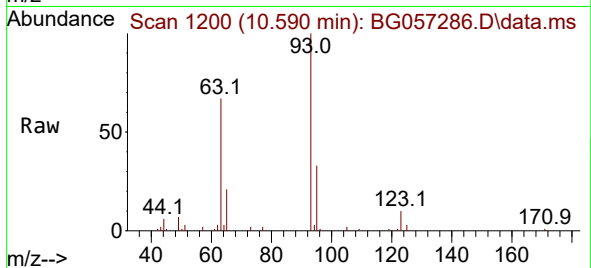
Tgt Ion: 93 Resp: 22440

Ion Ratio Lower Upper

93 100

95 33.4 24.8 37.2

123 9.6 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 18.328 ng/ul

RT: 10.860 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

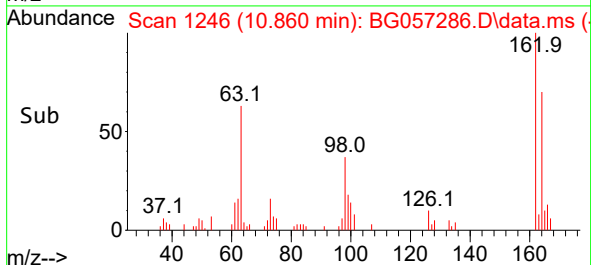
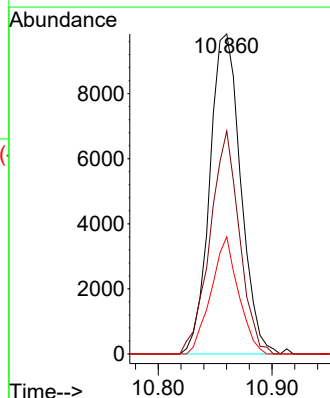
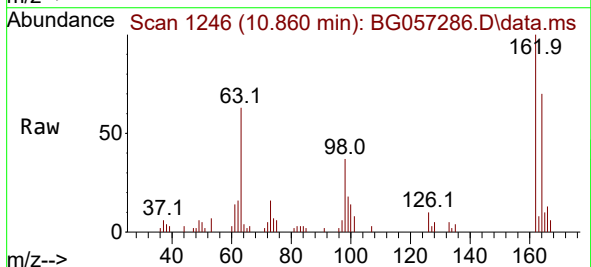
Tgt Ion:162 Resp: 18583

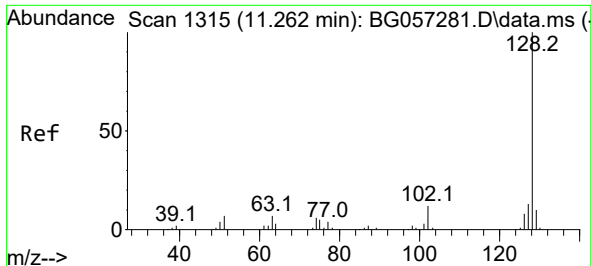
Ion Ratio Lower Upper

162 100

164 69.7 50.5 75.7

98 36.6 27.5 41.3

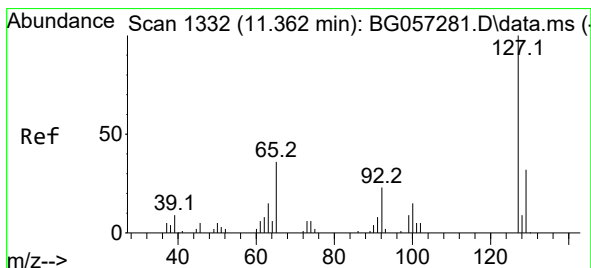
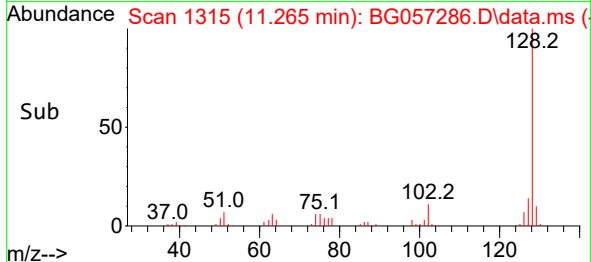
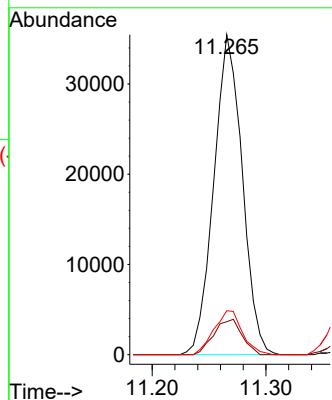
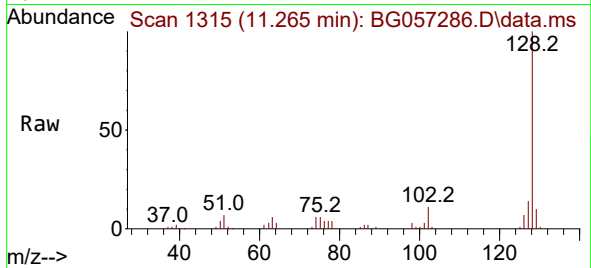




#30
Naphthalene
Concen: 18.816 ng/ul
RT: 11.265 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

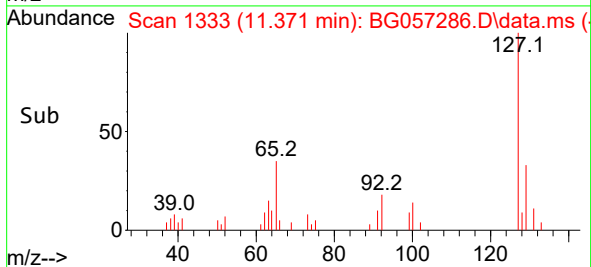
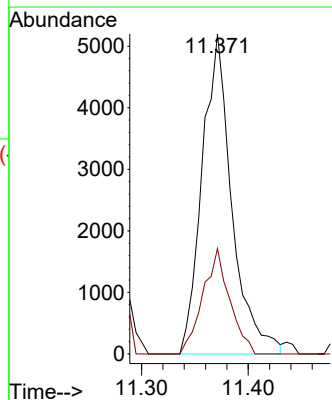
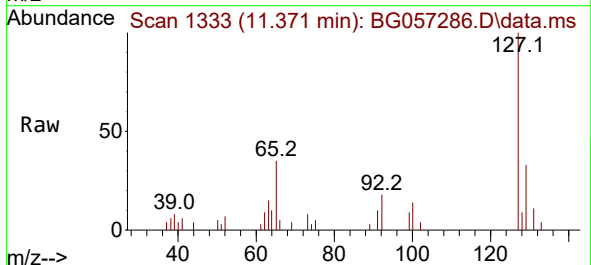
Instrument :
BNA_G
ClientSampleId :
EW925MS

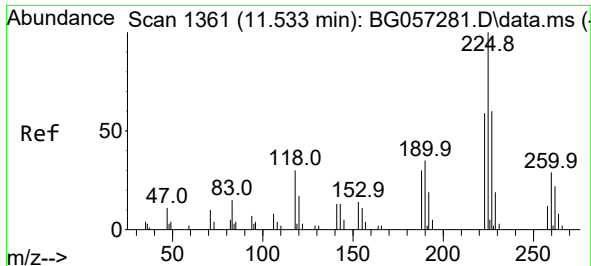
Tgt Ion:128 Resp: 61546
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.8 11.4 17.0



#32
4-Chloroaniline
Concen: 6.824 ng/ul
RT: 11.371 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:127 Resp: 10066
Ion Ratio Lower Upper
127 100
129 32.9 25.4 38.0

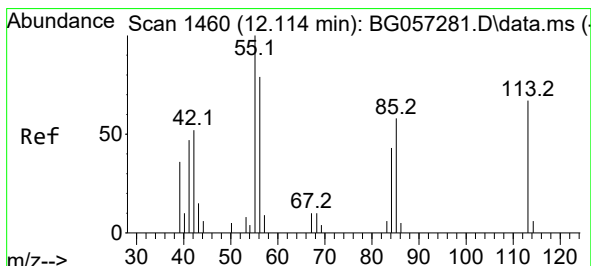
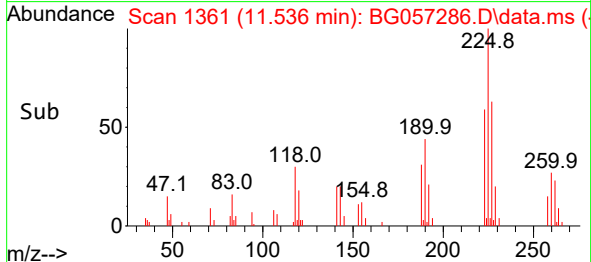
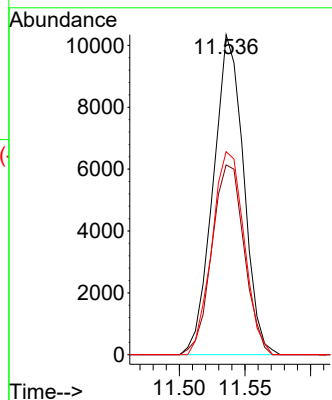
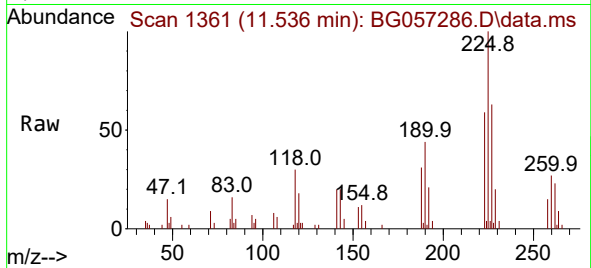




#33
Hexachlorobutadiene
Concen: 19.360 ng/ul
RT: 11.536 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

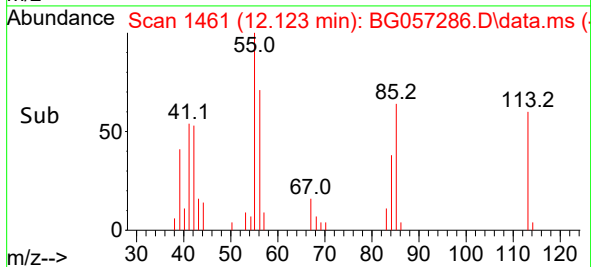
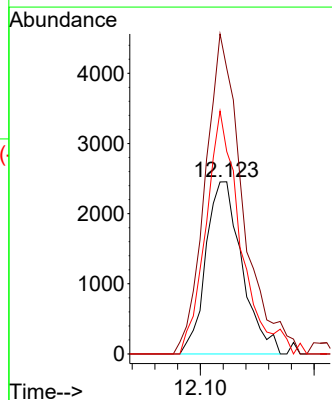
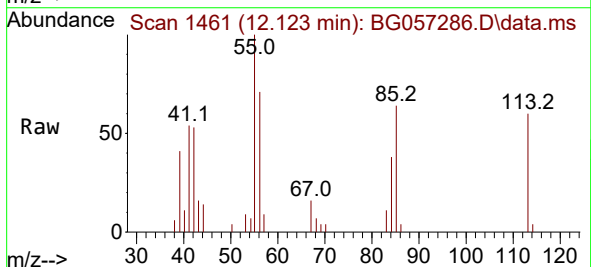
Instrument :
BNA_G
ClientSampleId :
EW925MS

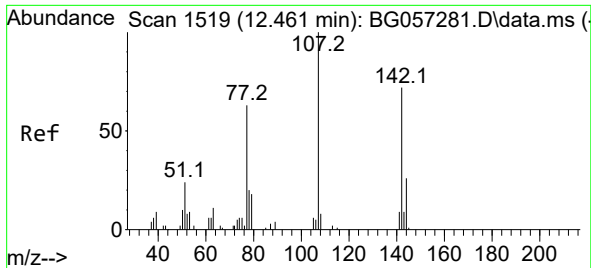
Tgt Ion:225 Resp: 16649
Ion Ratio Lower Upper
225 100
223 59.3 47.5 71.3
227 63.4 48.4 72.6



#34
Caprolactam
Concen: 15.853 ng/ul
RT: 12.123 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:113 Resp: 5411
Ion Ratio Lower Upper
113 100
55 165.8 123.1 184.7
56 117.6 98.7 148.1

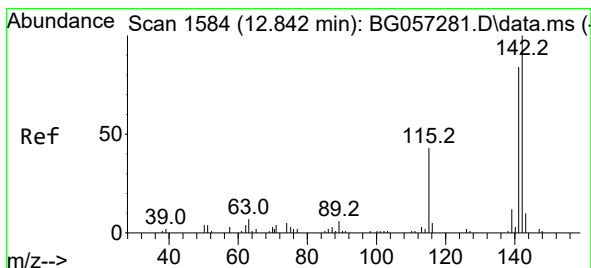
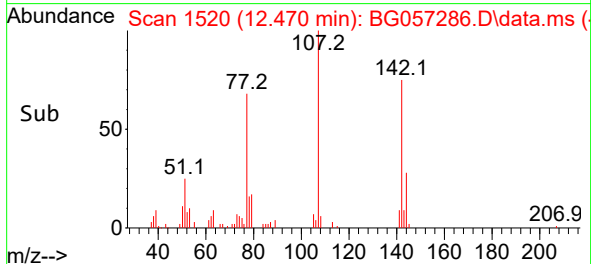
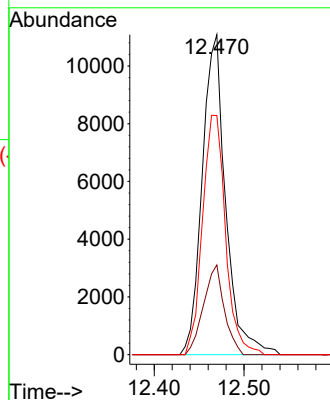
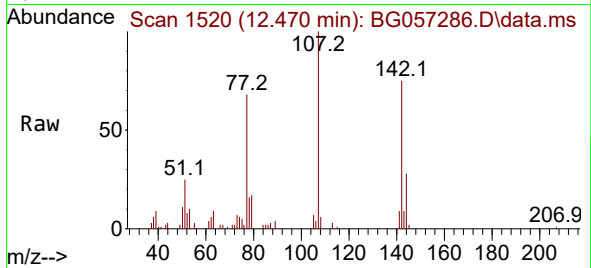




#35
4-Chloro-3-methylphenol
Concen: 17.252 ng/ul
RT: 12.470 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

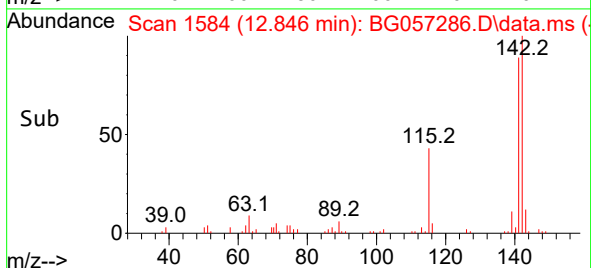
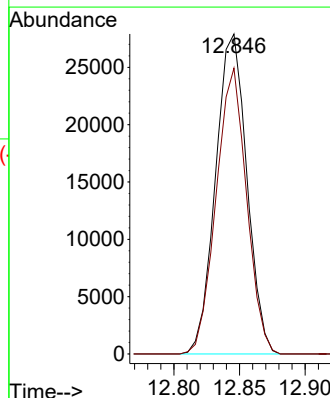
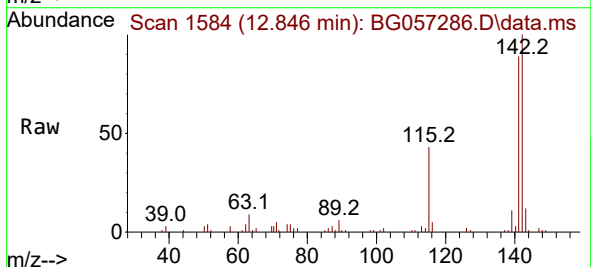
Instrument :
BNA_G
ClientSampleId :
EW925MS

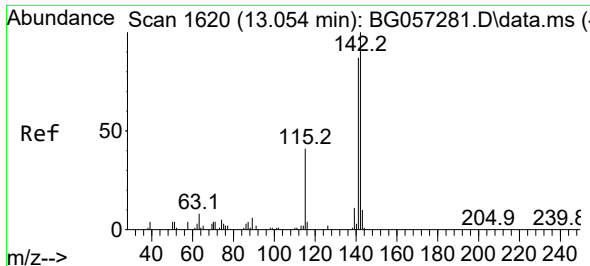
Tgt Ion:107 Resp: 20126
Ion Ratio Lower Upper
107 100
144 28.0 18.3 27.5#
142 74.7 58.6 88.0



#36
2-Methylnaphthalene
Concen: 19.284 ng/ul
RT: 12.846 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:142 Resp: 46257
Ion Ratio Lower Upper
142 100
141 89.3 68.7 103.1

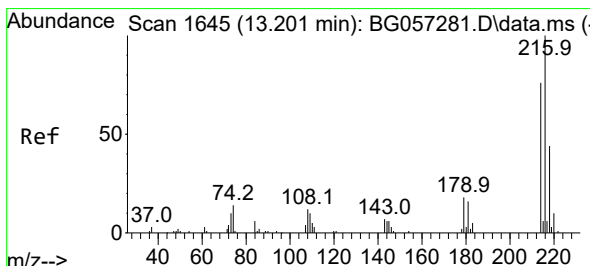
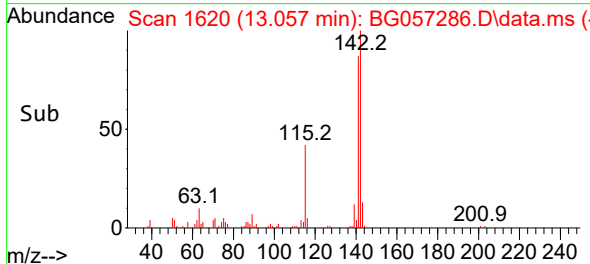
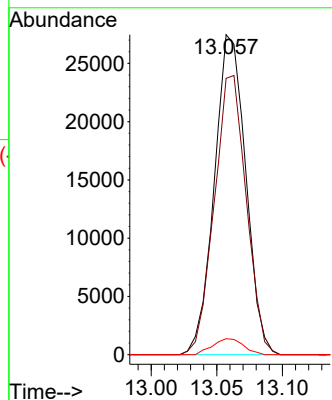
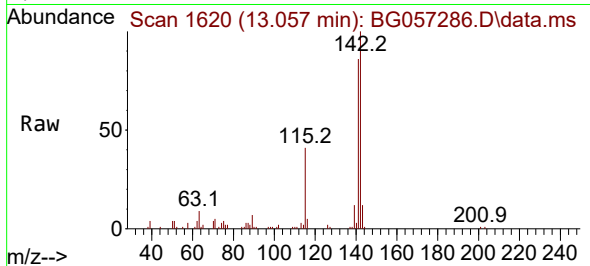




#37
1-Methylnaphthalene
Concen: 18.919 ng/ul
RT: 13.057 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

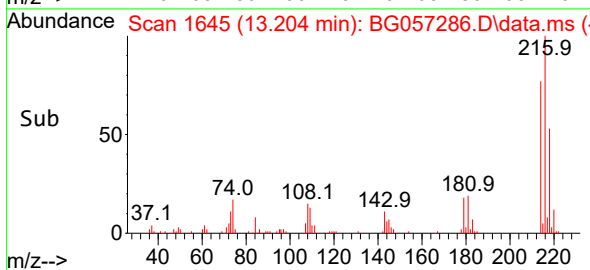
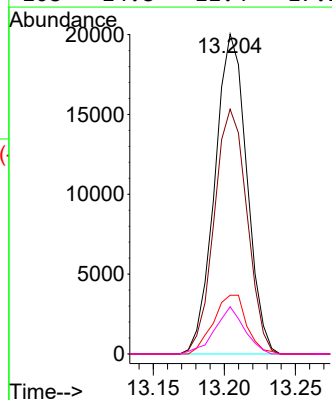
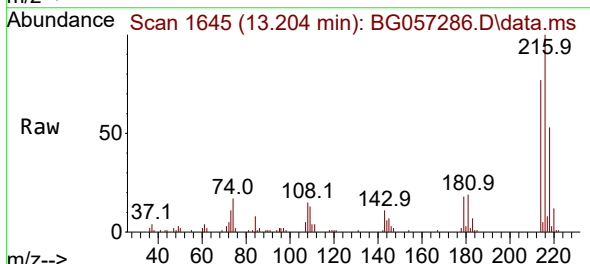
Instrument :
BNA_G
ClientSampleId :
EW925MS

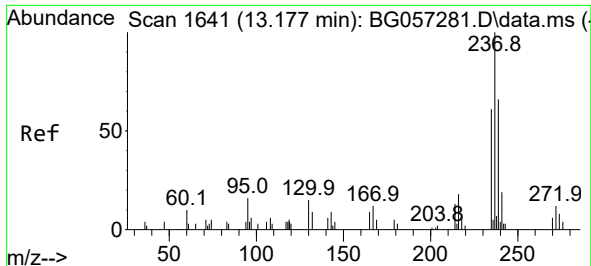
Tgt Ion:142 Resp: 45632
Ion Ratio Lower Upper
142 100
141 86.3 72.9 109.3
116 5.0 3.2 4.8#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.637 ng/ul
RT: 13.204 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:216 Resp: 31427
Ion Ratio Lower Upper
216 100
214 76.5 62.9 94.3
179 18.4 15.3 22.9
108 14.8 11.4 17.2

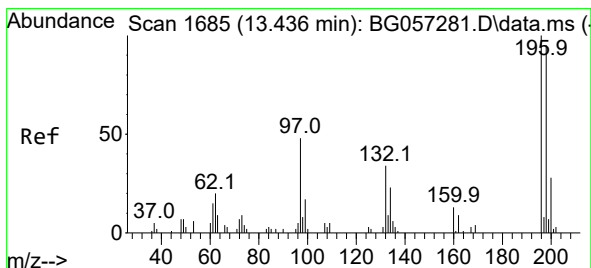
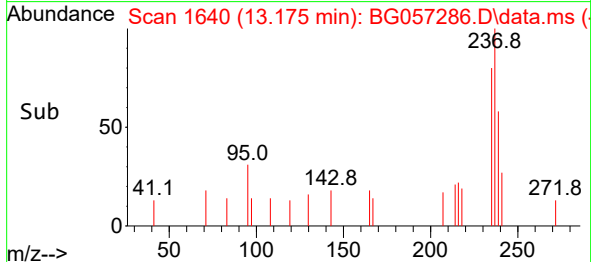
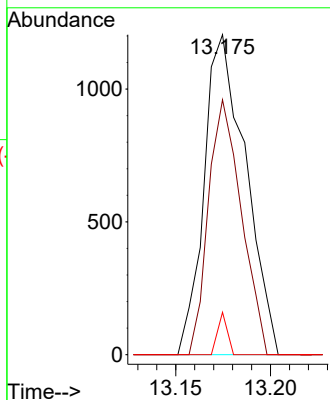
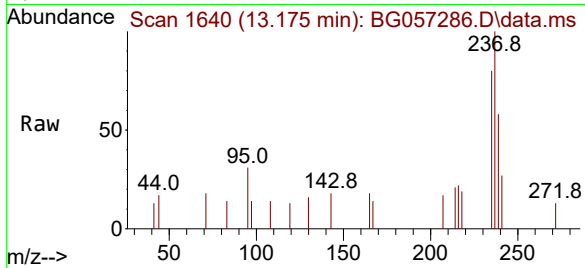




#40
Hexachlorocyclopentadiene
Concen: 2.299 ng/ul
RT: 13.175 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

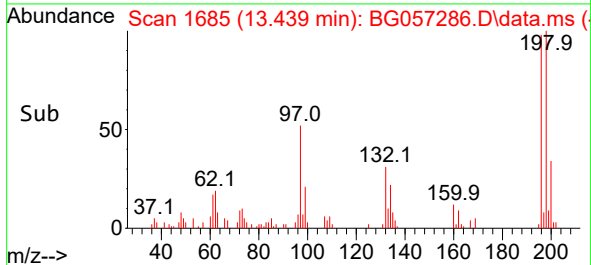
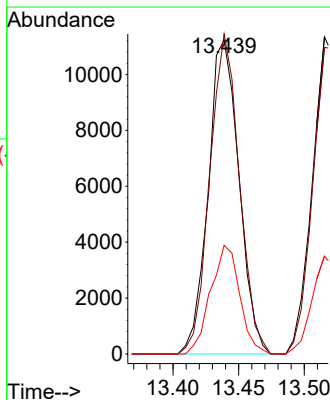
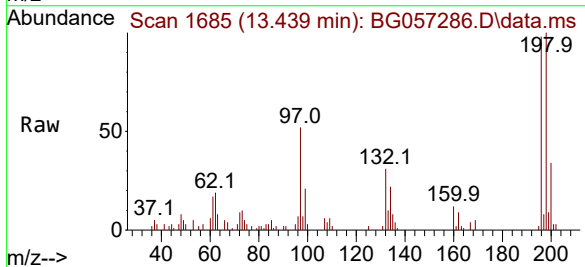
Instrument :
BNA_G
ClientSampleId :
EW925MS

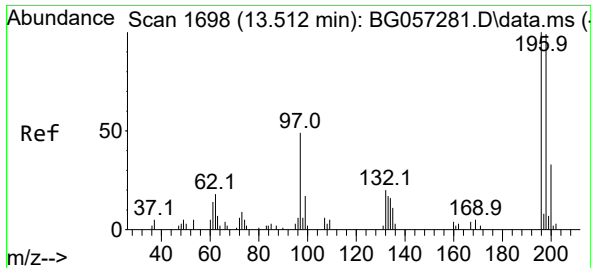
Tgt Ion:237 Resp: 1836
Ion Ratio Lower Upper
237 100
235 79.7 51.4 77.0#
272 13.3 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 19.623 ng/ul
RT: 13.439 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:196 Resp: 18290
Ion Ratio Lower Upper
196 100
198 101.9 83.8 125.8
200 34.6 26.6 40.0





#42

2,4,5-Trichlorophenol

Concen: 18.744 ng/ul

RT: 13.515 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

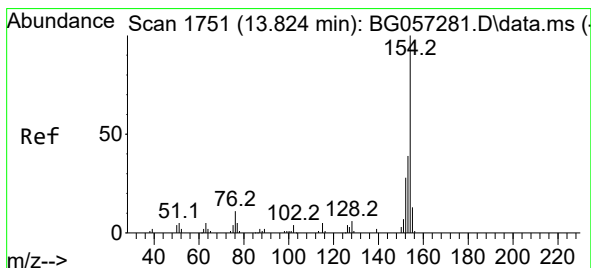
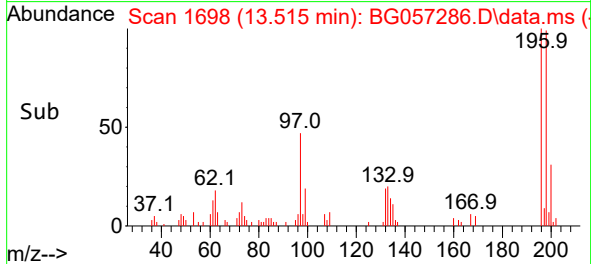
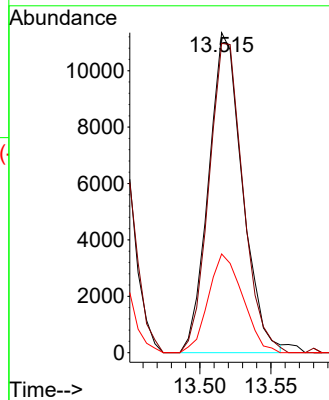
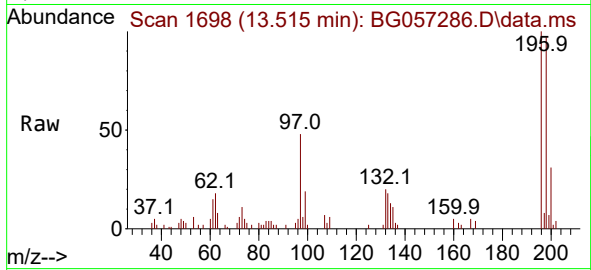
Tgt Ion:196 Resp: 18758

Ion Ratio Lower Upper

196 100

198 96.7 85.7 128.5

200 30.9 29.9 44.9



#43

1,1'-Biphenyl

Concen: 18.814 ng/ul

RT: 13.827 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

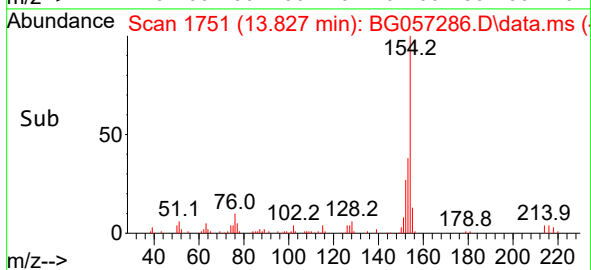
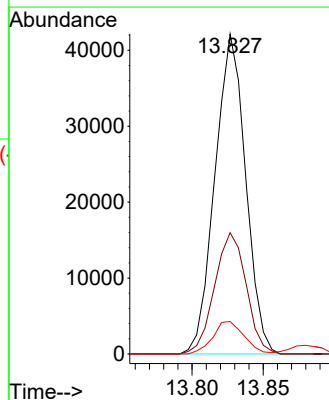
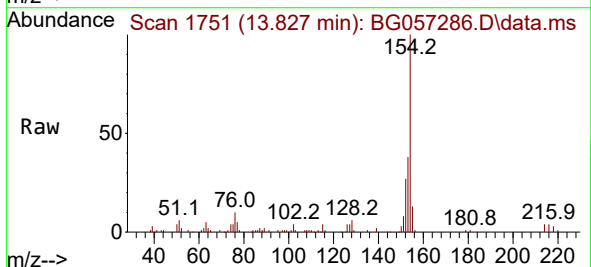
Tgt Ion:154 Resp: 63222

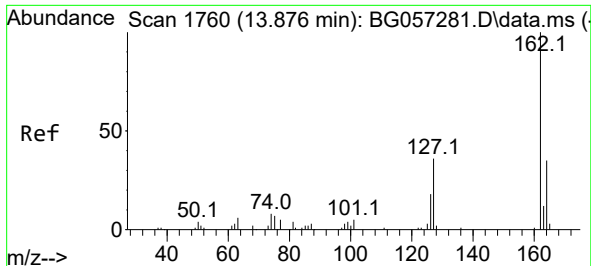
Ion Ratio Lower Upper

154 100

153 37.9 31.6 47.4

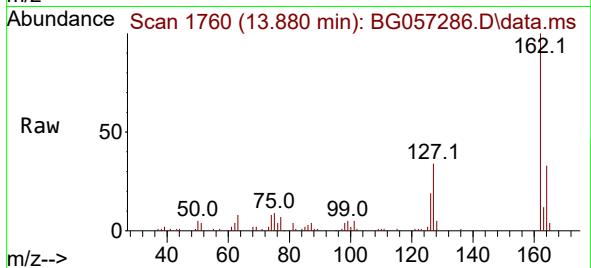
76 10.2 8.0 12.0



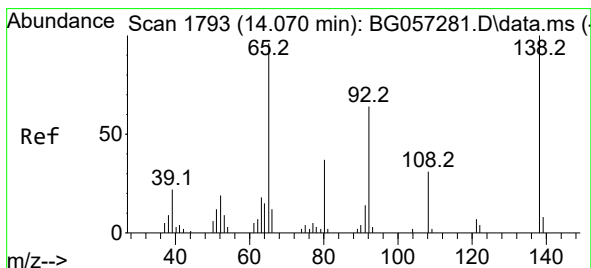
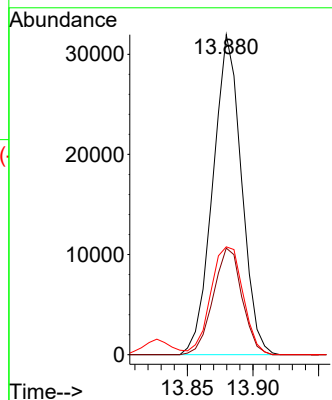
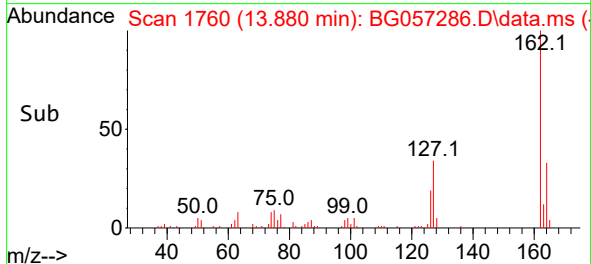


#44
2-Chloronaphthalene
Concen: 18.586 ng/ul
RT: 13.880 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Instrument :
BNA_G
ClientSampleId :
EW925MS

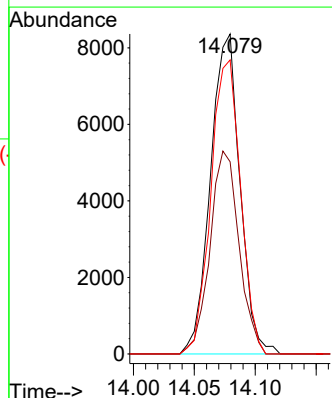
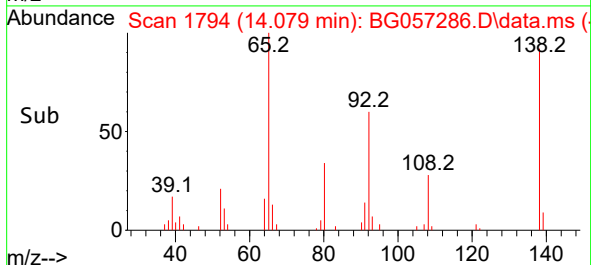
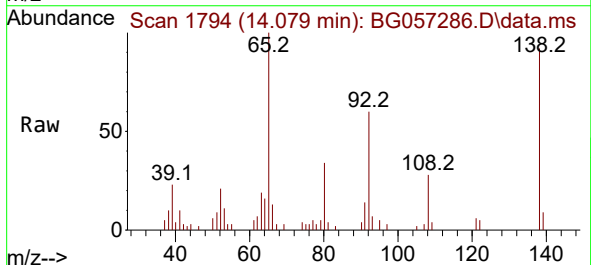


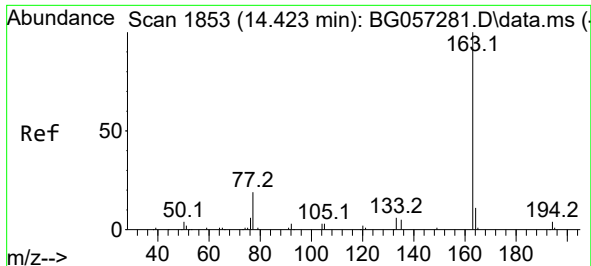
Tgt Ion:162 Resp: 48426
Ion Ratio Lower Upper
162 100
164 33.3 26.2 39.4
127 33.7 29.4 44.2



#45
2-Nitroaniline
Concen: 17.865 ng/ul
RT: 14.079 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion: 65 Resp: 14052
Ion Ratio Lower Upper
65 100
92 60.1 51.8 77.6
138 91.9 71.9 107.9





#47

Dimethylphthalate

Concen: 17.461 ng/ul

RT: 14.420 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

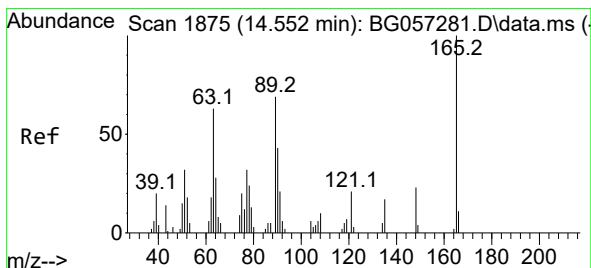
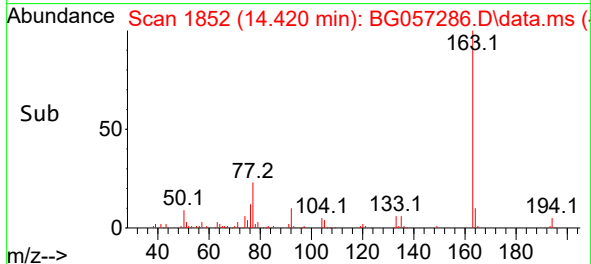
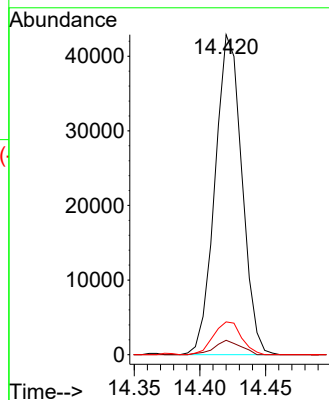
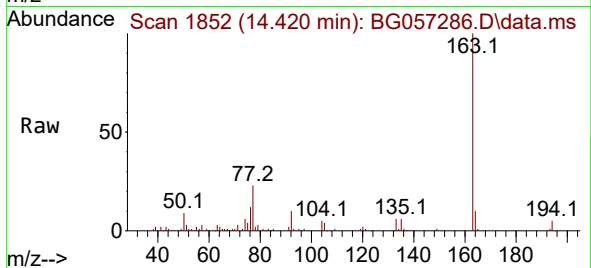
Tgt Ion:163 Resp: 61188

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.2 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 17.799 ng/ul

RT: 14.555 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

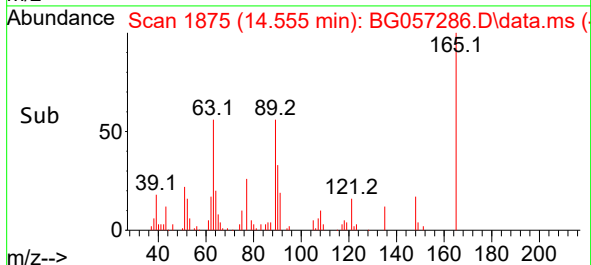
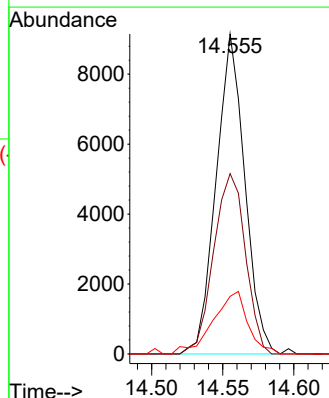
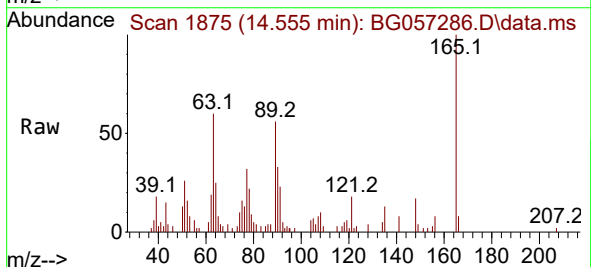
Tgt Ion:165 Resp: 12836

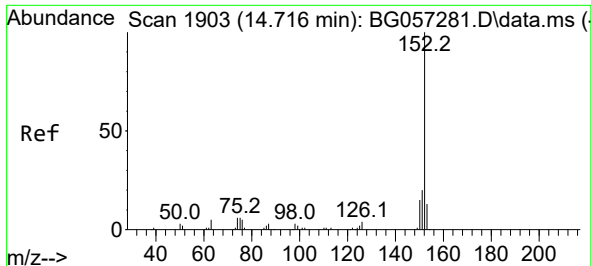
Ion Ratio Lower Upper

165 100

89 56.3 50.6 76.0

121 18.0 16.8 25.2

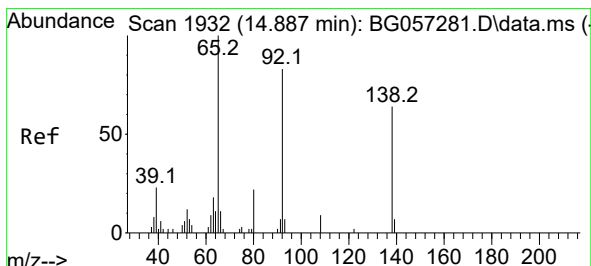
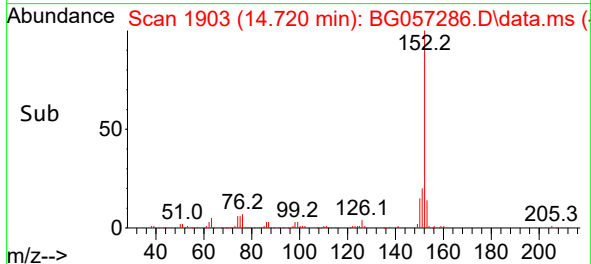
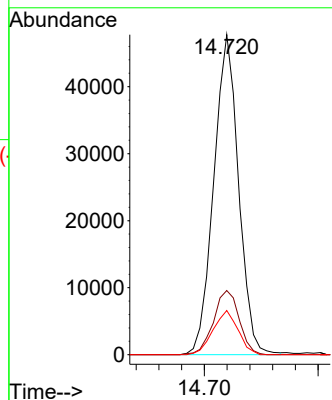
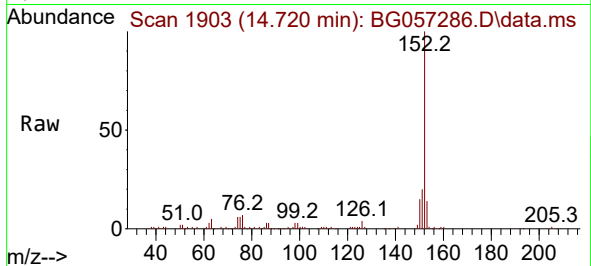




#50
Acenaphthylene
Concen: 18.148 ng/ul
RT: 14.720 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

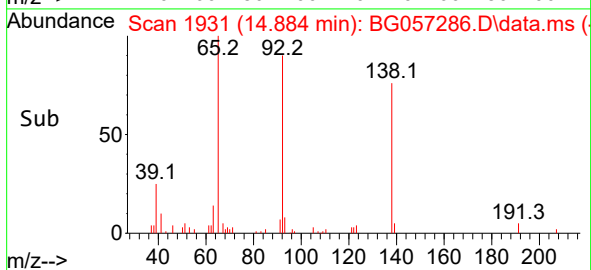
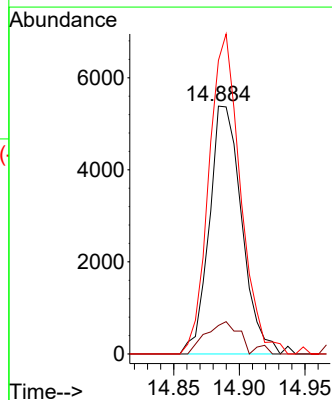
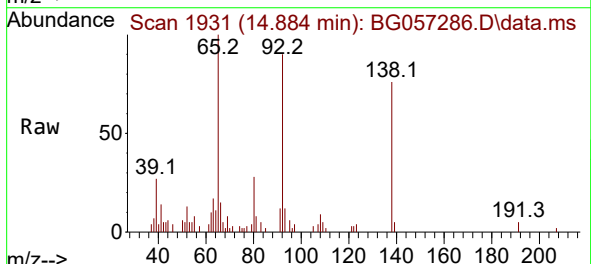
Instrument :
BNA_G
ClientSampleId :
EW925MS

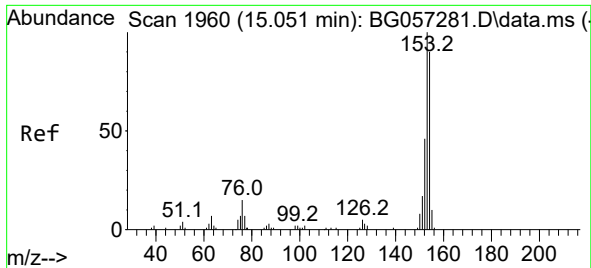
Tgt Ion:152 Resp: 72331
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.8 10.1 15.1



#51
3-Nitroaniline
Concen: 18.102 ng/ul
RT: 14.884 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:138 Resp: 9250
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 118.5 99.5 149.3

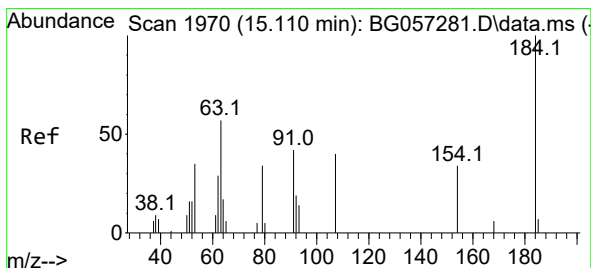
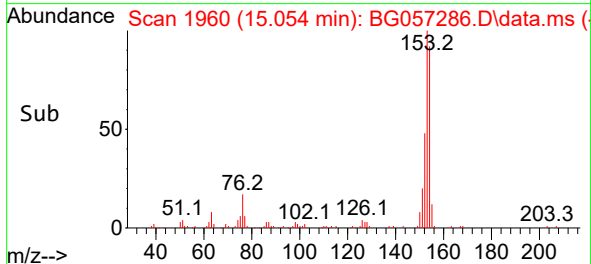
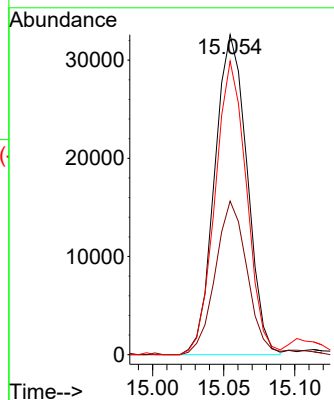
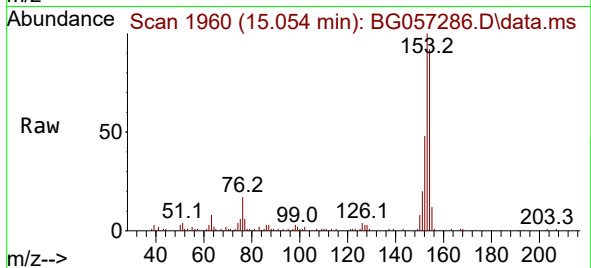




#52
Acenaphthene
Concen: 18.225 ng/ul
RT: 15.054 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

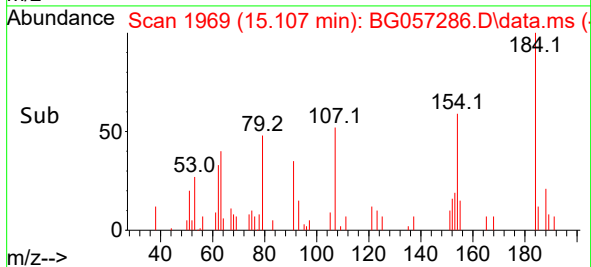
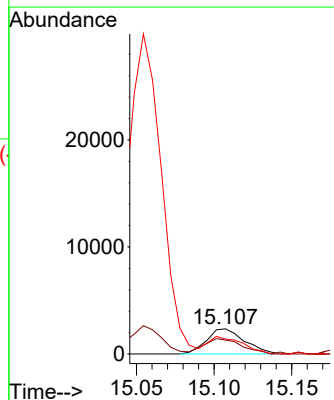
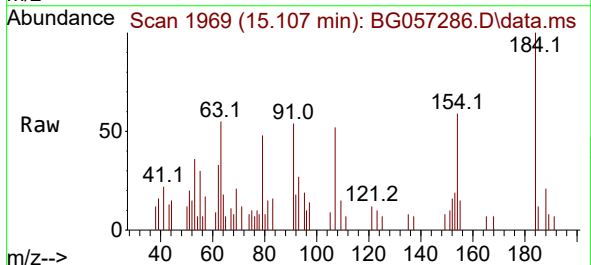
Instrument :
BNA_G
ClientSampleId :
EW925MS

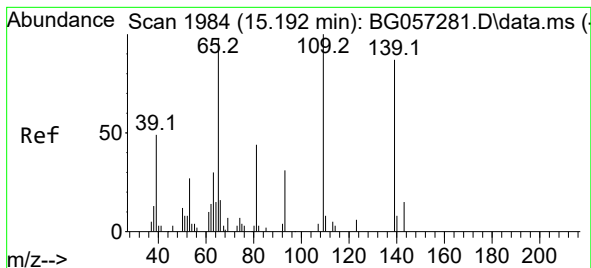
Tgt Ion:153 Resp: 51755
Ion Ratio Lower Upper
153 100
152 48.0 36.5 54.7
154 91.8 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 10.335 ng/ul
RT: 15.107 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:184 Resp: 3969
Ion Ratio Lower Upper
184 100
63 55.2 48.3 72.5
154 59.0 50.0 75.0

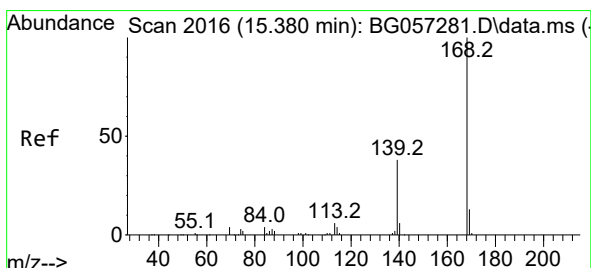
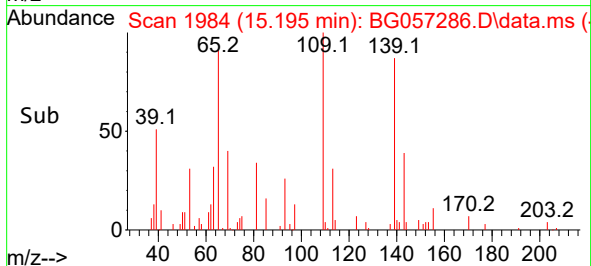
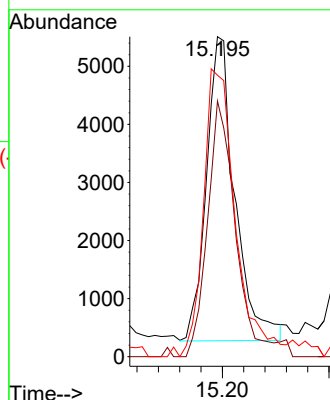
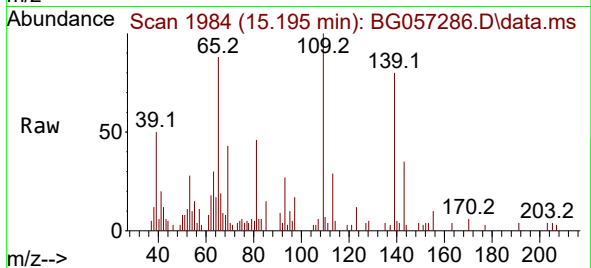




#55
4-Nitrophenol
Concen: 16.880 ng/ul
RT: 15.195 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

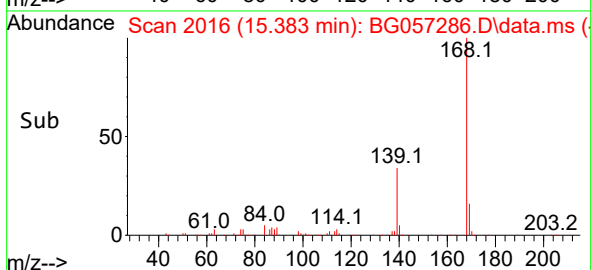
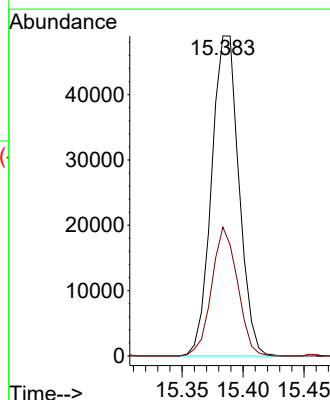
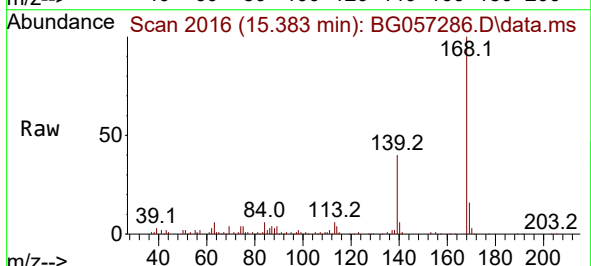
Instrument :
BNA_G
ClientSampleId :
EW925MS

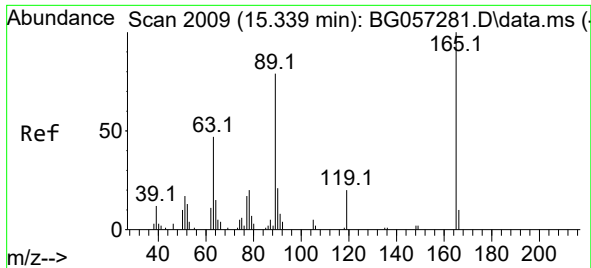
Tgt Ion:109 Resp: 9720
Ion Ratio Lower Upper
109 100
139 79.9 73.8 110.8
65 88.0 81.7 122.5



#56
Dibenzofuran
Concen: 18.630 ng/ul
RT: 15.383 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:168 Resp: 76396
Ion Ratio Lower Upper
168 100
139 40.2 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 17.693 ng/ul

RT: 15.342 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

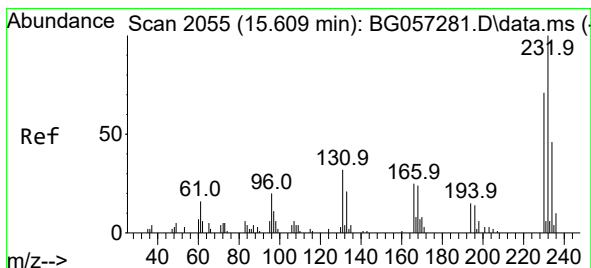
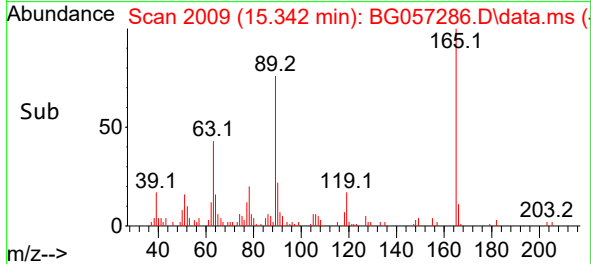
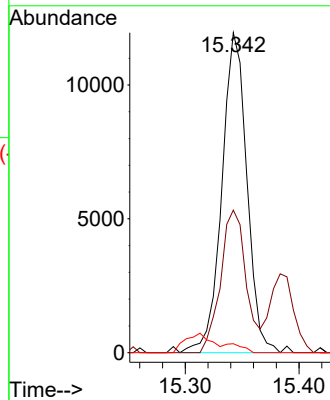
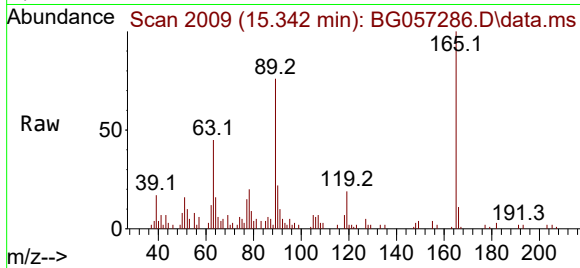
Tgt Ion:165 Resp: 18266

Ion Ratio Lower Upper

165 100

63 44.5 35.9 53.9

182 2.8 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.704 ng/ul

RT: 15.613 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Tgt Ion:232 Resp: 16099

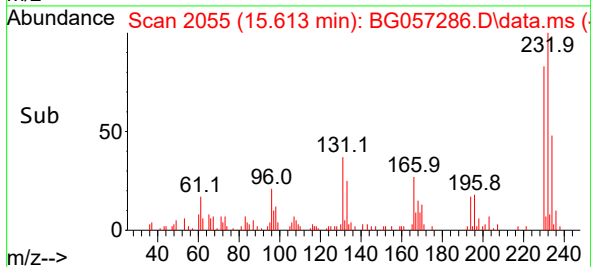
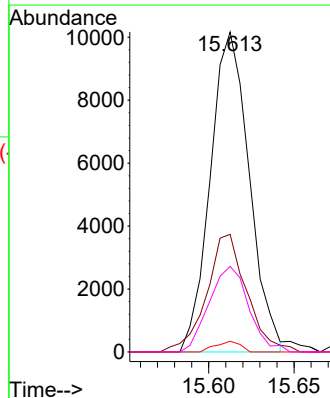
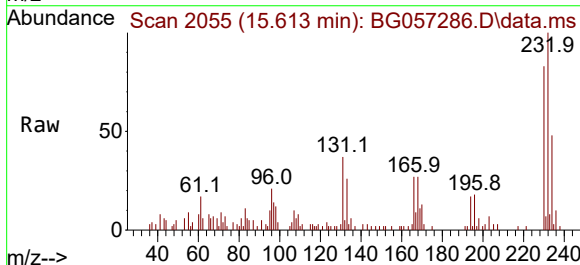
Ion Ratio Lower Upper

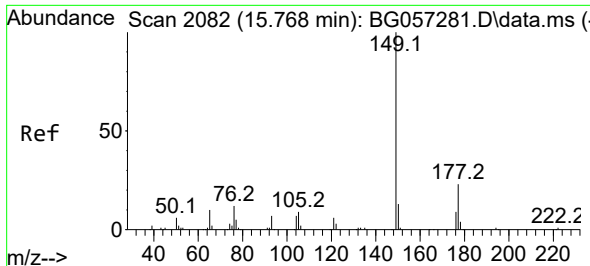
232 100

131 36.8 28.6 43.0

130 3.4 1.8 2.6#

166 26.8 22.2 33.2

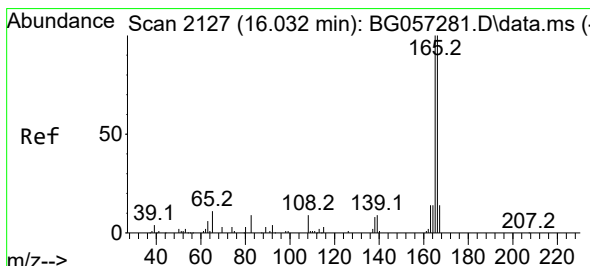
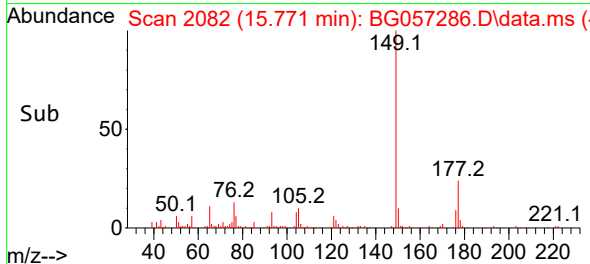
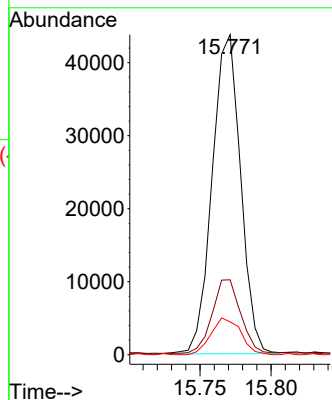
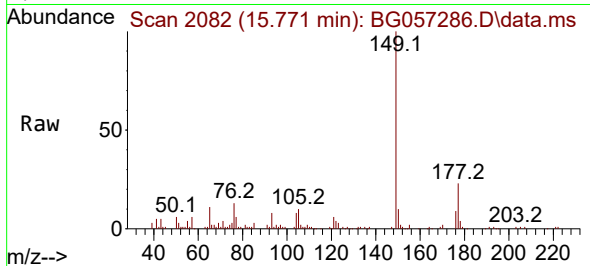




#59
Diethylphthalate
Concen: 17.034 ng/ul
RT: 15.771 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

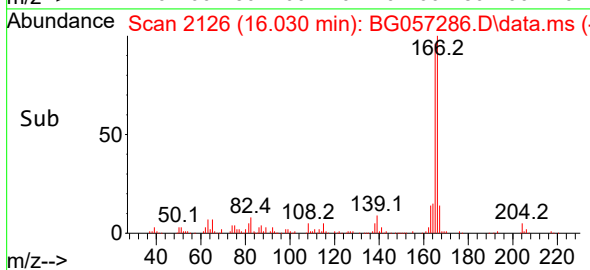
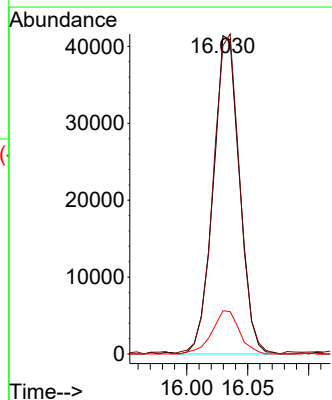
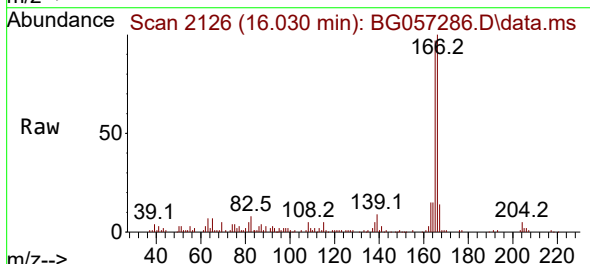
Instrument :
BNA_G
ClientSampleId :
EW925MS

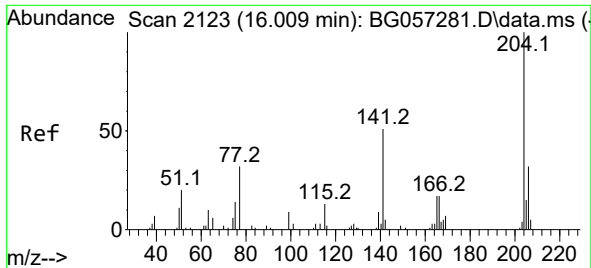
Tgt Ion:149 Resp: 60646
Ion Ratio Lower Upper
149 100
177 23.4 18.6 28.0
150 10.3 9.8 14.8



#61
Fluorene
Concen: 17.860 ng/ul
RT: 16.030 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:166 Resp: 61931
Ion Ratio Lower Upper
166 100
165 96.9 80.1 120.1
167 13.6 10.2 15.4

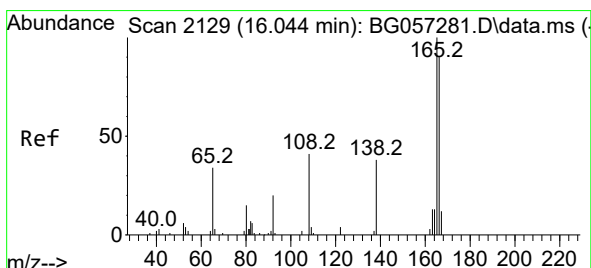
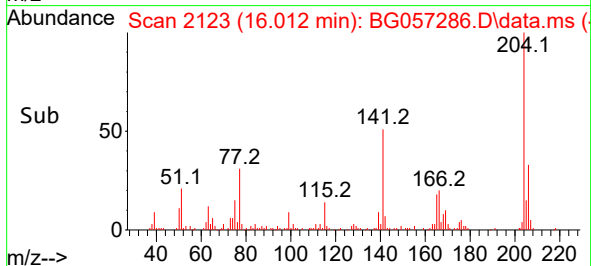
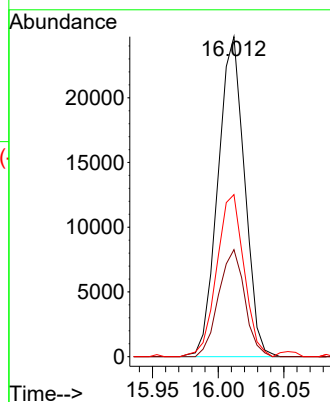
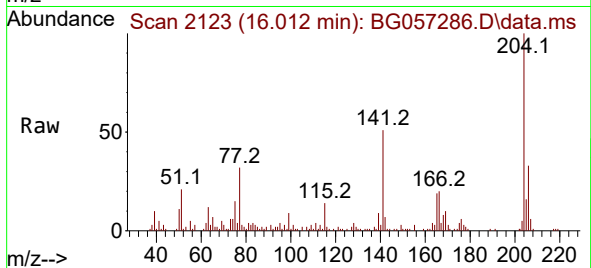




#62
4-Chlorophenyl-phenylether
Concen: 17.213 ng/ul
RT: 16.012 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

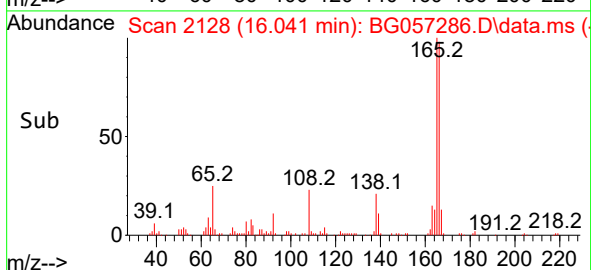
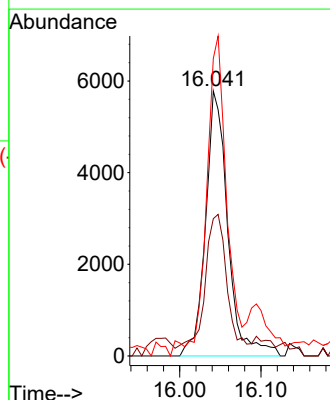
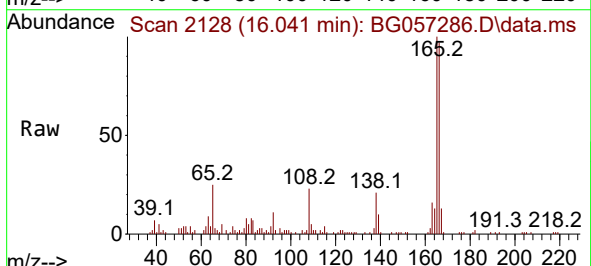
Instrument :
BNA_G
ClientSampleId :
EW925MS

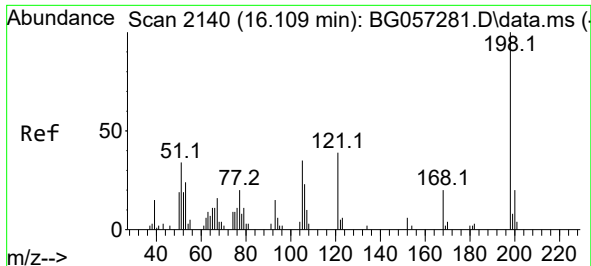
Tgt Ion:204 Resp: 34837
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 50.7 41.5 62.3



#63
4-Nitroaniline
Concen: 22.666 ng/ul
RT: 16.041 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:138 Resp: 10968
Ion Ratio Lower Upper
138 100
92 51.8 39.9 59.9
108 112.3 89.1 133.7

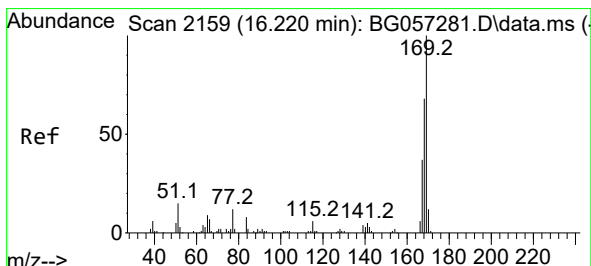
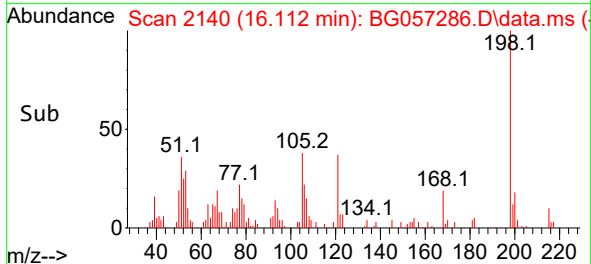
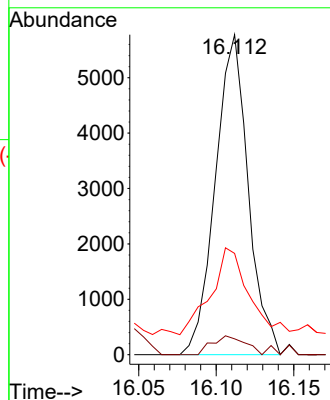
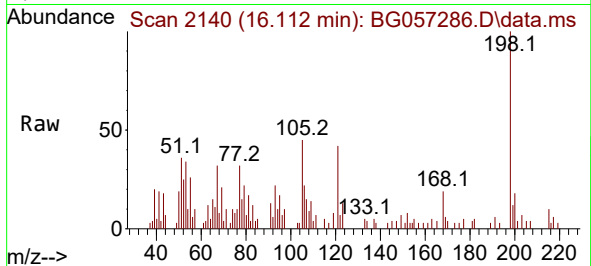




#66
 4,6-Dinitro-2-methylphenol
 Concen: 14.858 ng/ul
 RT: 16.112 min Scan# 2140
 Delta R.T. -0.000 min
 Lab File: BG057286.D
 Acq: 3 May 2023 14:32

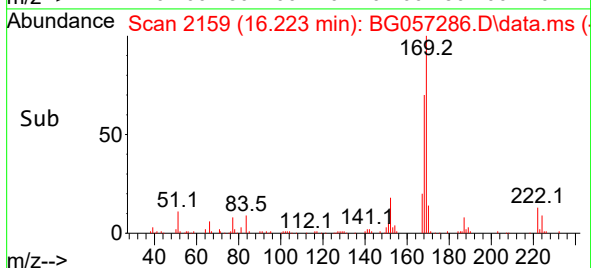
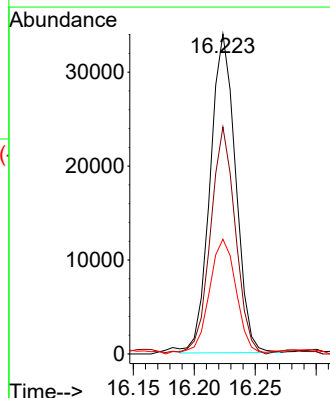
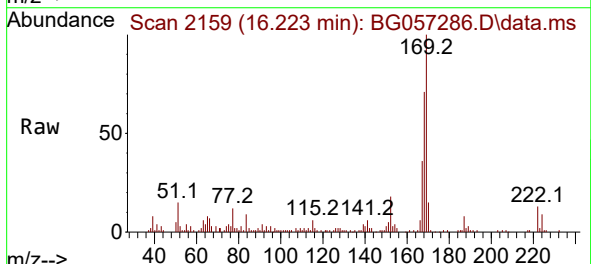
Instrument :
 BNA_G
 ClientSampleId :
 EW925MS

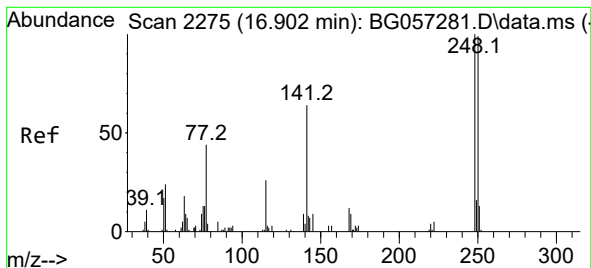
Tgt Ion:198 Resp: 8493
 Ion Ratio Lower Upper
 198 100
 182 5.0 3.0 4.6#
 77 31.6 20.1 30.1#



#67
 N-Nitrosodiphenylamine
 Concen: 19.896 ng/ul
 RT: 16.223 min Scan# 2159
 Delta R.T. -0.006 min
 Lab File: BG057286.D
 Acq: 3 May 2023 14:32

Tgt Ion:169 Resp: 49206
 Ion Ratio Lower Upper
 169 100
 168 70.9 55.4 83.2
 167 35.8 31.0 46.4

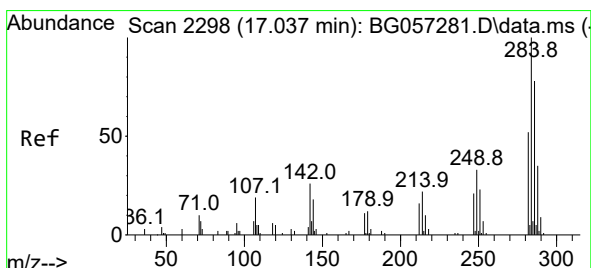
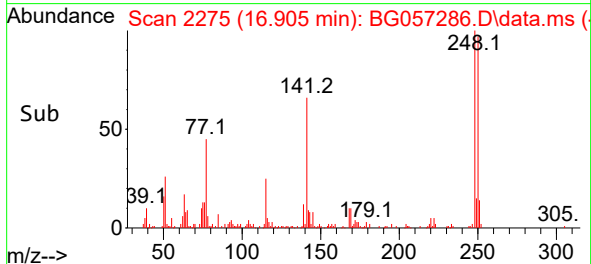
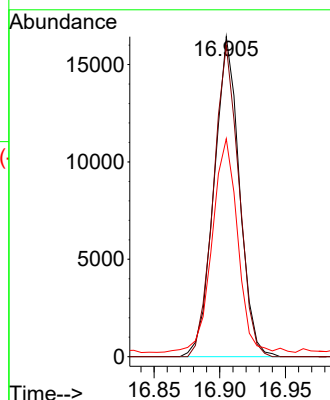
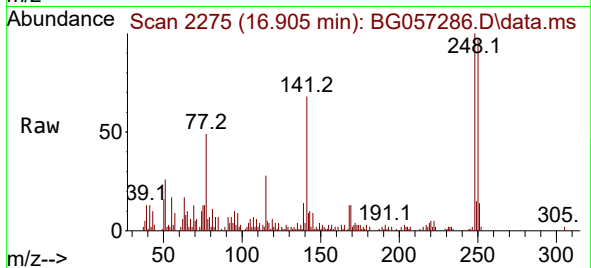




#68
4-Bromophenyl-phenylether
Concen: 19.544 ng/ul
RT: 16.905 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

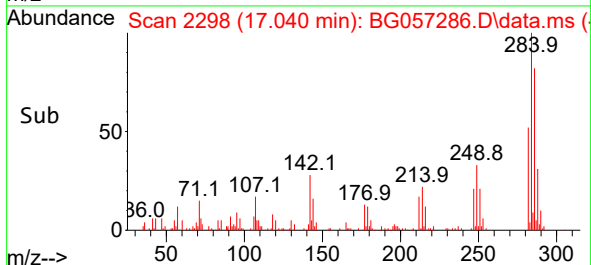
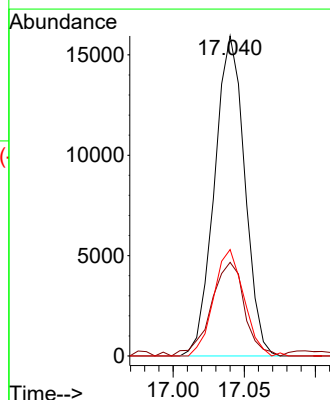
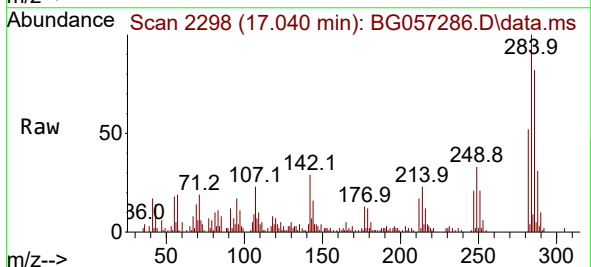
Instrument :
BNA_G
ClientSampleId :
EW925MS

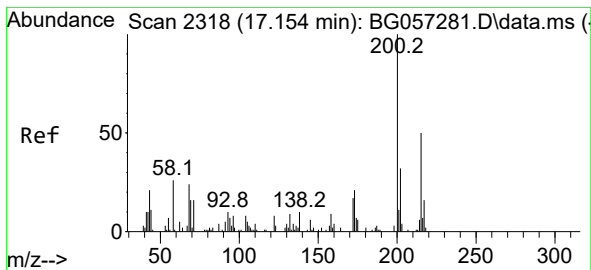
Tgt Ion:248 Resp: 22117
Ion Ratio Lower Upper
248 100
250 97.4 74.8 112.2
141 68.1 47.8 71.6



#69
Hexachlorobenzene
Concen: 19.793 ng/ul
RT: 17.040 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:284 Resp: 23586
Ion Ratio Lower Upper
284 100
142 29.3 22.6 33.8
249 33.2 26.2 39.2





#70

Atrazine

Concen: 19.191 ng/ul

RT: 17.157 min Scan# 21095

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

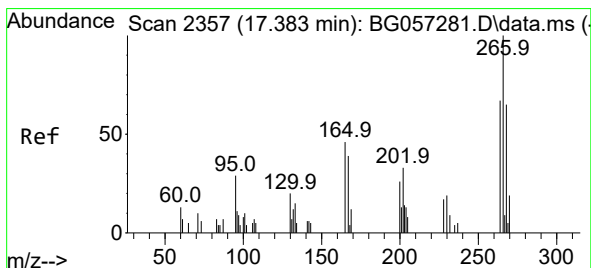
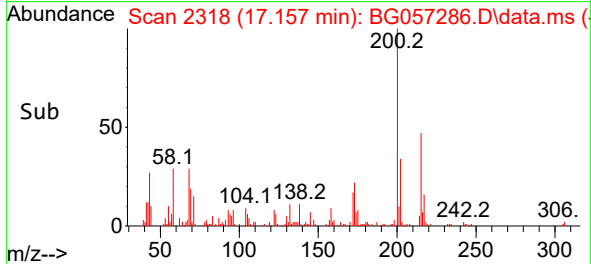
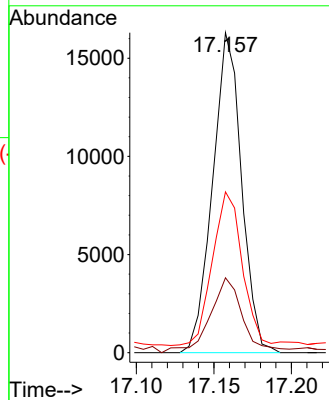
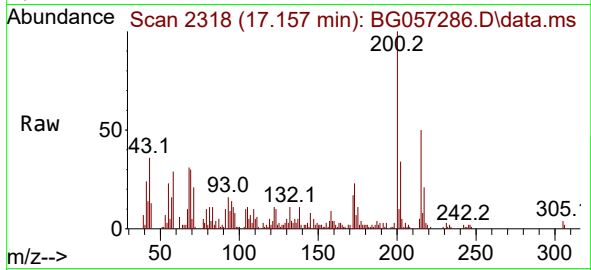
Tgt Ion:200 Resp: 21095

Ion Ratio Lower Upper

200 100

173 23.4 17.8 26.6

215 50.2 40.3 60.5



#71

Pentachlorophenol

Concen: 11.156 ng/ul

RT: 17.387 min Scan# 2357

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

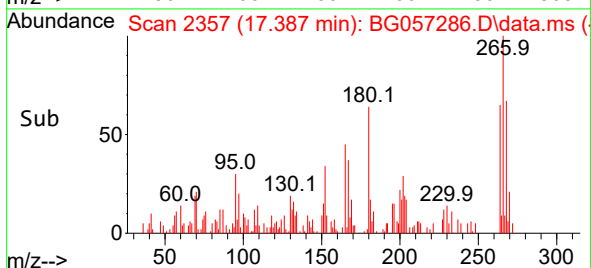
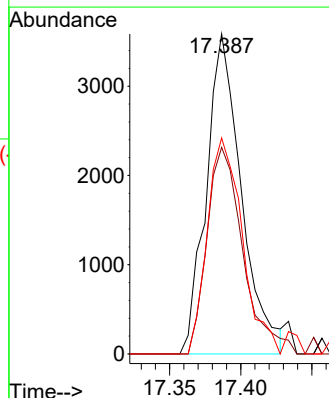
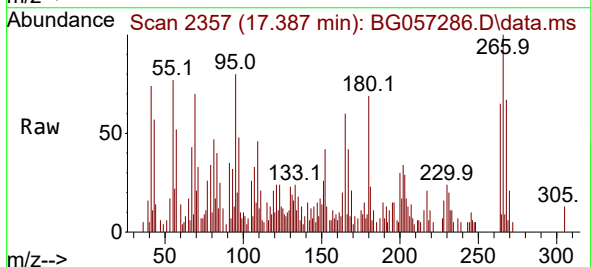
Tgt Ion:266 Resp: 6145

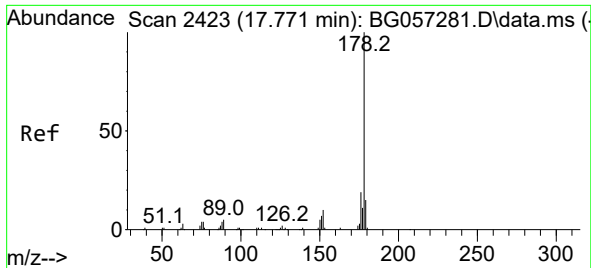
Ion Ratio Lower Upper

266 100

264 64.5 47.8 71.6

268 67.5 48.2 72.4

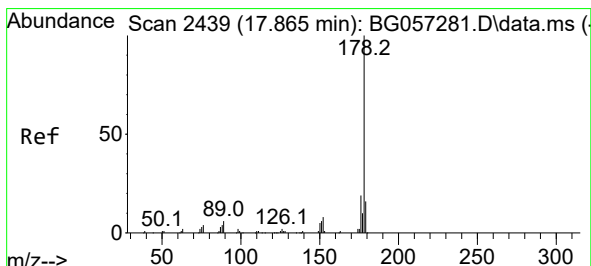
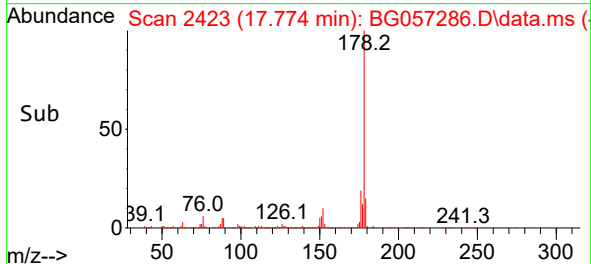
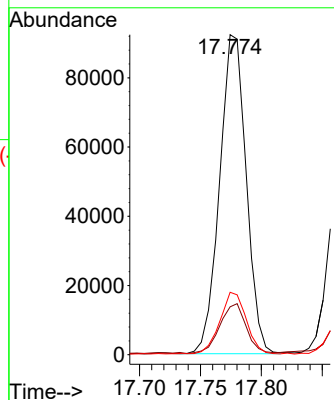
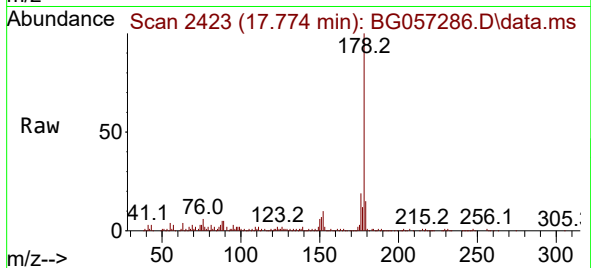




#72
Phenanthrene
Concen: 28.396 ng/ul
RT: 17.774 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

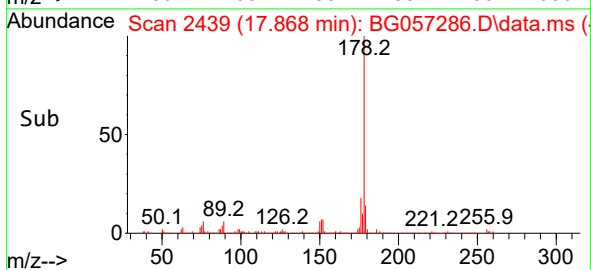
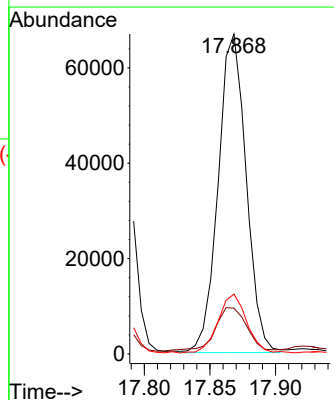
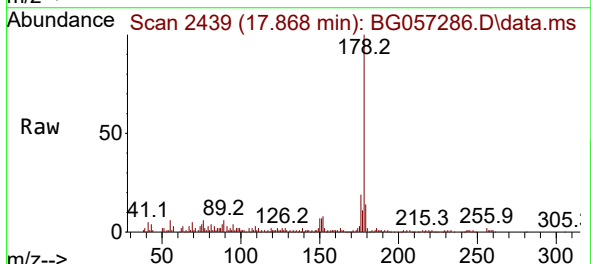
Instrument :
BNA_G
ClientSampleId :
EW925MS

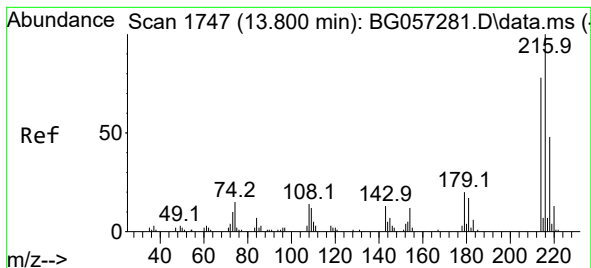
Tgt Ion:178 Resp: 140004
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.8
176 19.5 15.4 23.0



#74
Anthracene
Concen: 20.042 ng/ul
RT: 17.868 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:178 Resp: 99258
Ion Ratio Lower Upper
178 100
179 14.3 12.5 18.7
176 18.7 14.7 22.1

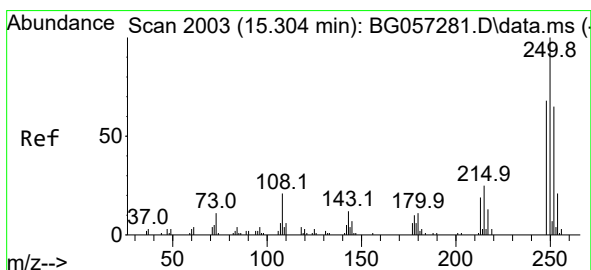
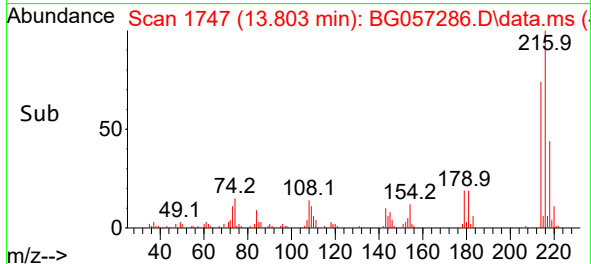
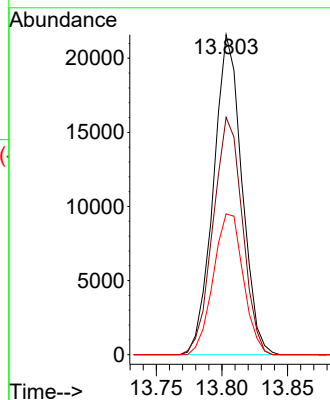
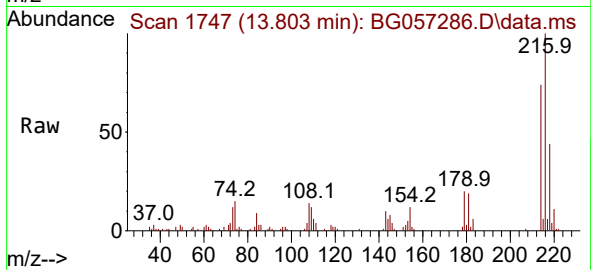




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.783 ng/uL
RT: 13.803 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

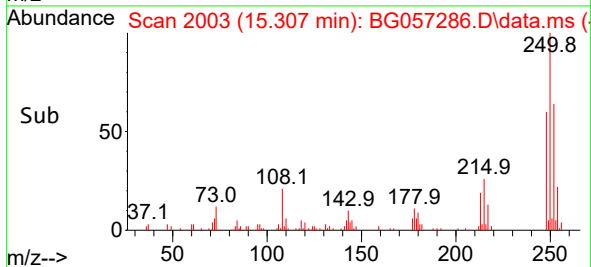
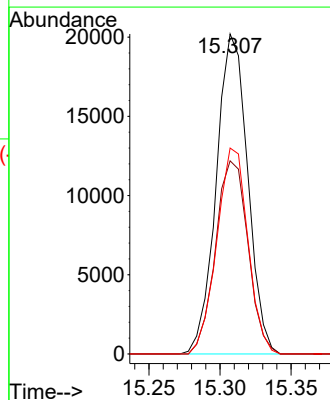
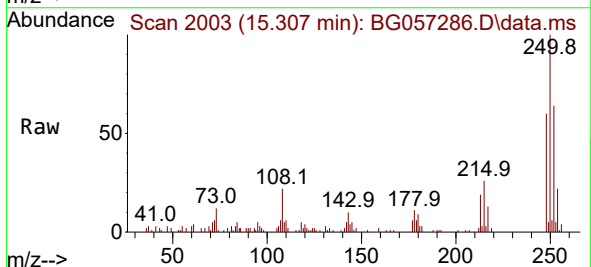
Instrument :
BNA_G
ClientSampleId :
EW925MS

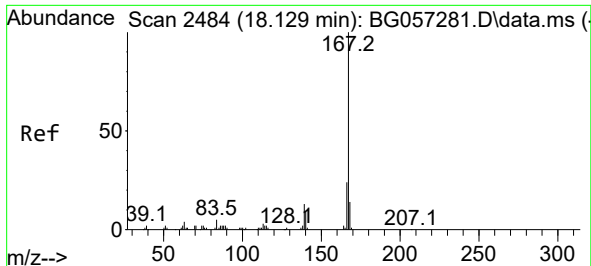
Tgt Ion:216 Resp: 32444
Ion Ratio Lower Upper
216 100
214 74.2 64.3 96.5
218 44.0 38.5 57.7



#76
Pentachlorobenzene
Concen: 21.420 ng/uL
RT: 15.307 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BG057286.D
Acq: 3 May 2023 14:32

Tgt Ion:250 Resp: 31049
Ion Ratio Lower Upper
250 100
248 60.4 52.2 78.2
252 64.4 52.5 78.7

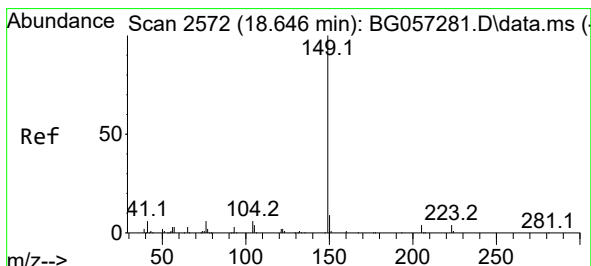
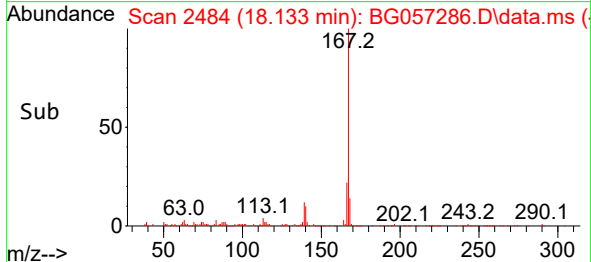
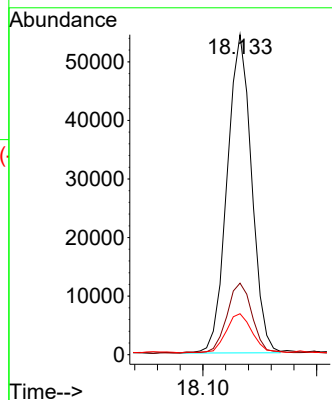
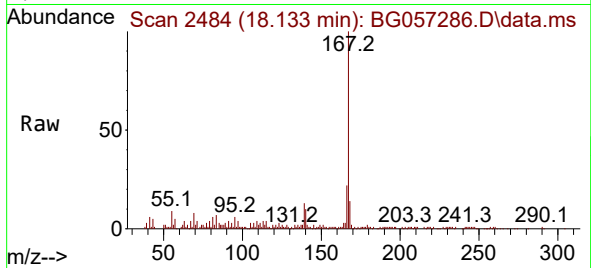




#77
 Carbazole
 Concen: 19.580 ng/ul
 RT: 18.133 min Scan# 2484
 Delta R.T. -0.000 min
 Lab File: BG057286.D
 Acq: 3 May 2023 14:32

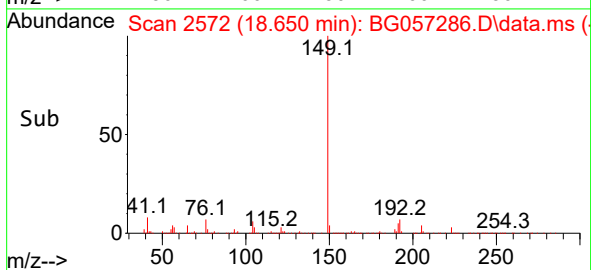
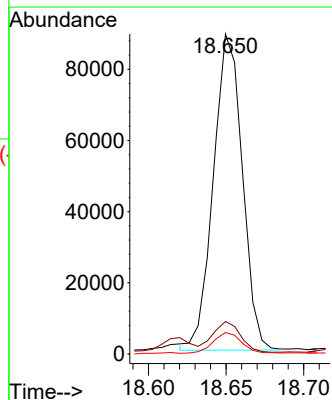
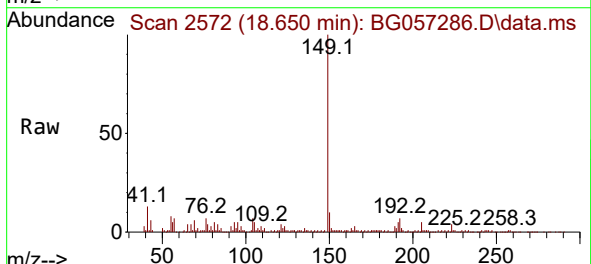
Instrument :
 BNA_G
 ClientSampleId :
 EW925MS

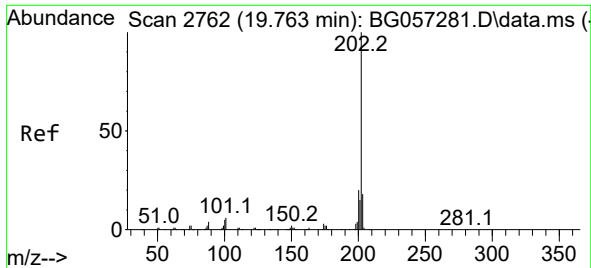
Tgt Ion:167 Resp: 81041
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 12.8 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 24.374 ng/ul
 RT: 18.650 min Scan# 2572
 Delta R.T. -0.000 min
 Lab File: BG057286.D
 Acq: 3 May 2023 14:32

Tgt Ion:149 Resp: 115357
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.3 10.9
 104 6.7 5.0 7.6

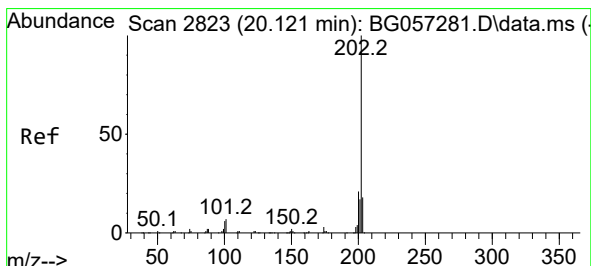
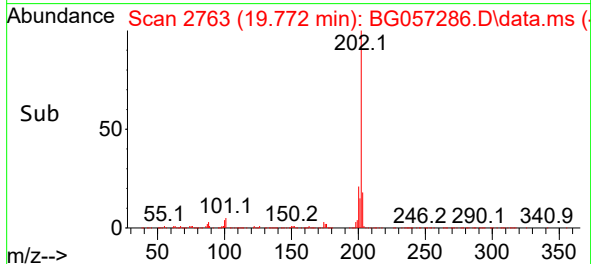
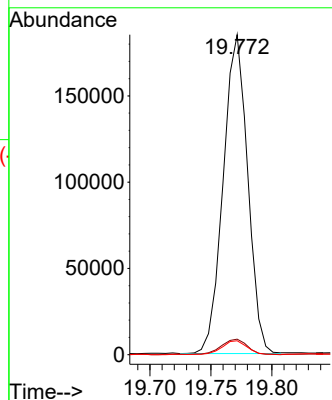
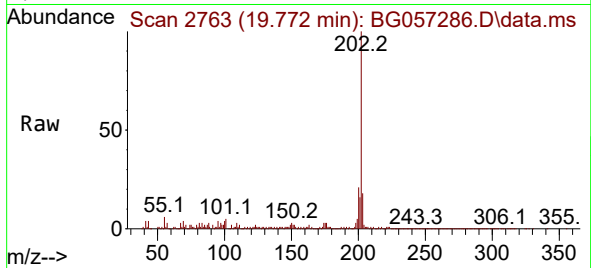




#80
 Fluoranthene
 Concen: 44.142 ng/ul
 RT: 19.772 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG057286.D
 Acq: 3 May 2023 14:32

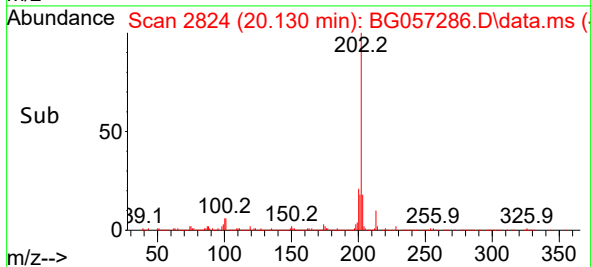
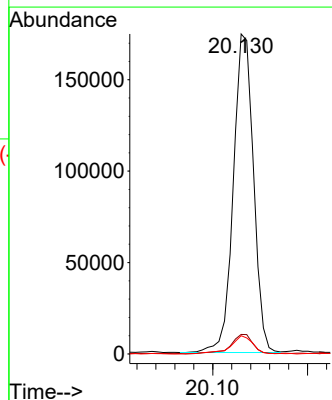
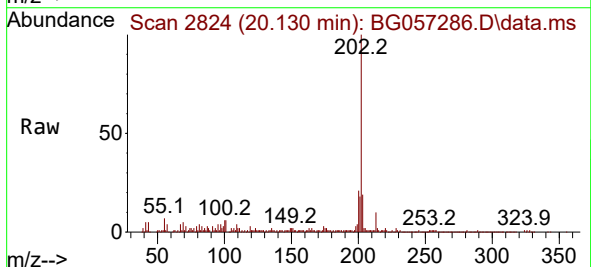
Instrument :
 BNA_G
 ClientSampleId :
 EW925MS

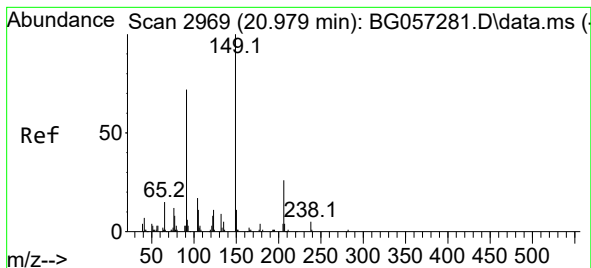
Tgt Ion:202 Resp: 258097
 Ion Ratio Lower Upper
 202 100
 101 4.9 5.8 8.6#
 100 4.4 4.6 7.0#



#82
 Pyrene
 Concen: 43.453 ng/ul
 RT: 20.130 min Scan# 2824
 Delta R.T. 0.006 min
 Lab File: BG057286.D
 Acq: 3 May 2023 14:32

Tgt Ion:202 Resp: 257205
 Ion Ratio Lower Upper
 202 100
 101 6.1 5.7 8.5
 100 5.7 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 36.794 ng/ul

RT: 20.982 min Scan# 2969

Delta R.T. -0.000 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

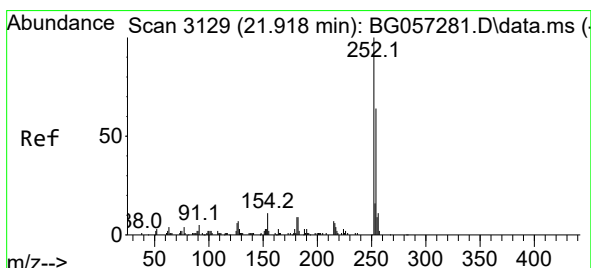
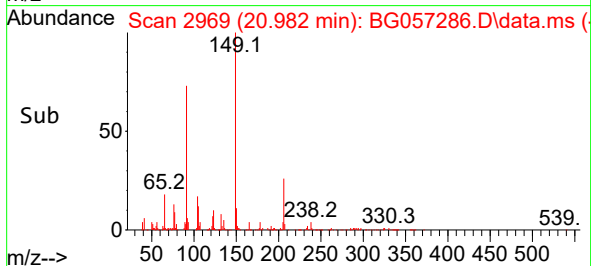
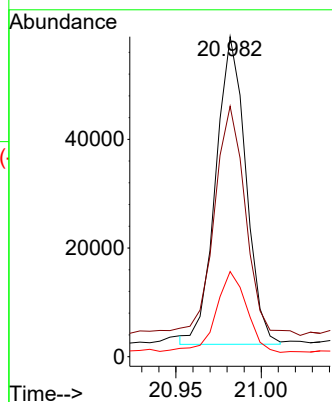
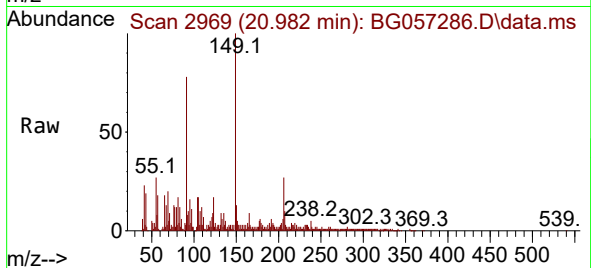
Tgt Ion:149 Resp: 69747

Ion Ratio Lower Upper

149 100

91 78.3 58.6 87.8

206 26.6 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 10.421 ng/ul

RT: 21.933 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

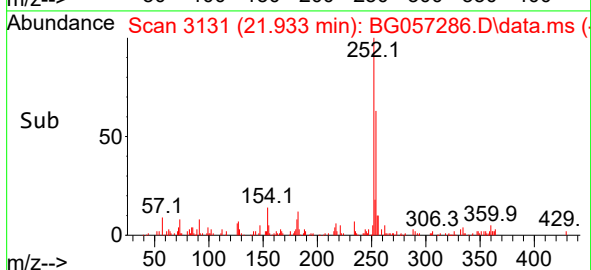
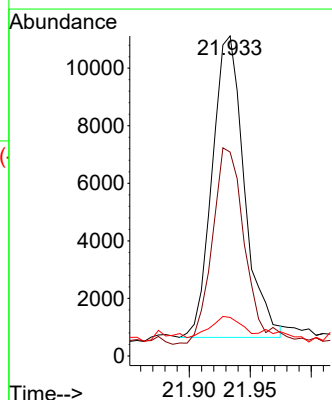
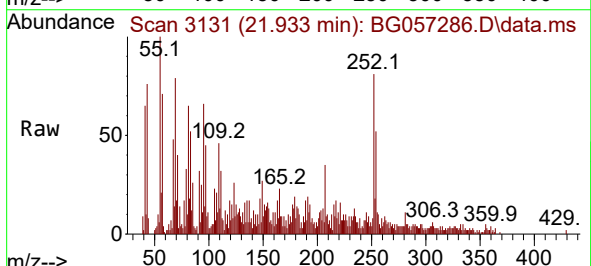
Tgt Ion:252 Resp: 19193

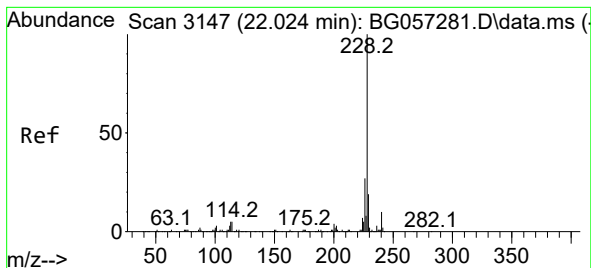
Ion Ratio Lower Upper

252 100

254 63.7 53.7 80.5

126 12.1 5.2 7.8#





#85

Benzo(a)anthracene

Concen: 39.491 ng/ul

RT: 22.039 min Scan# 3149

Delta R.T. 0.012 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

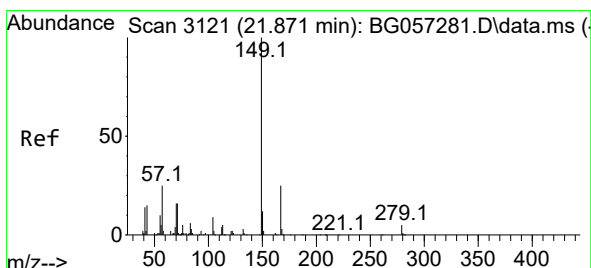
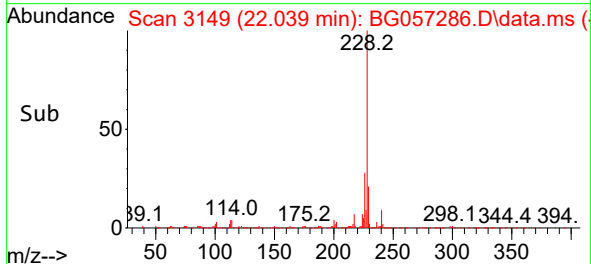
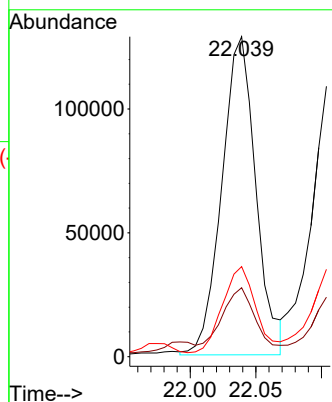
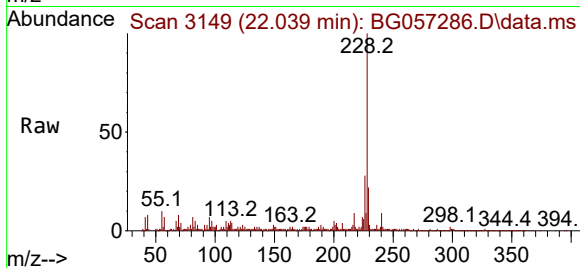
Tgt Ion:228 Resp: 231613

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

226 28.2 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 125.699 ng/ul

RT: 21.880 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

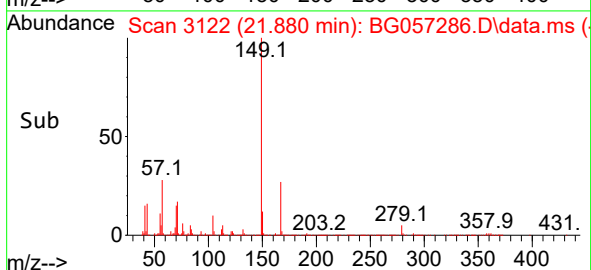
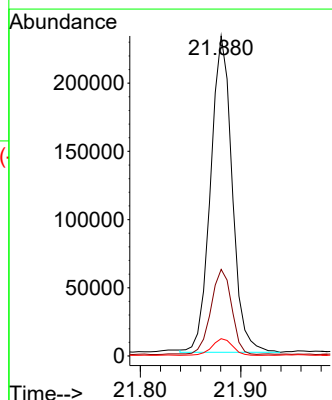
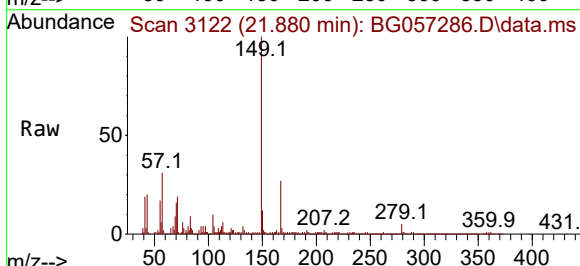
Tgt Ion:149 Resp: 346547

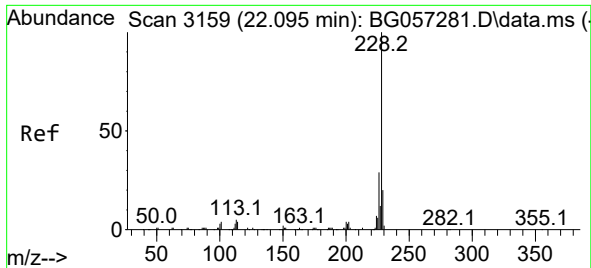
Ion Ratio Lower Upper

149 100

167 27.0 23.0 34.6

279 5.4 3.6 5.4#





#87

Chrysene

Concen: 41.109 ng/ul

RT: 22.110 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

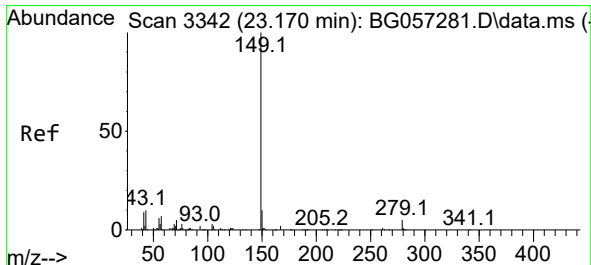
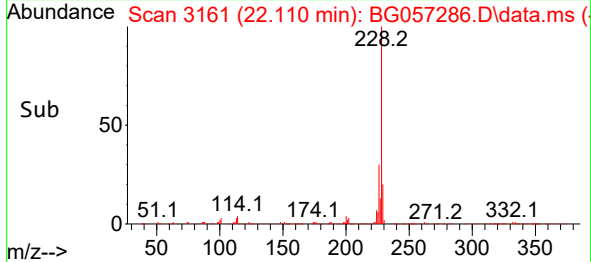
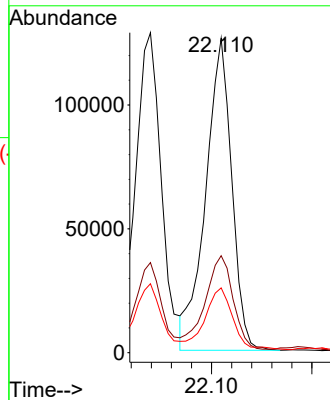
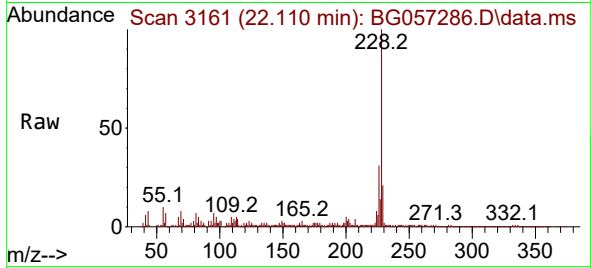
Tgt Ion:228 Resp: 227472

Ion Ratio Lower Upper

228 100

226 30.9 22.8 34.2

229 20.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 25.913 ng/ul

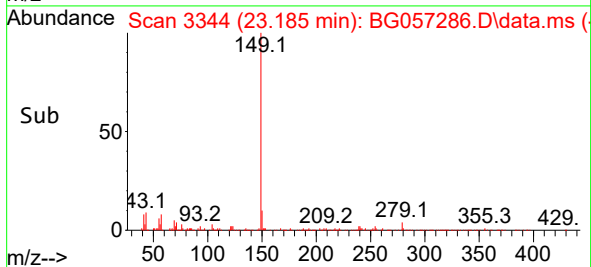
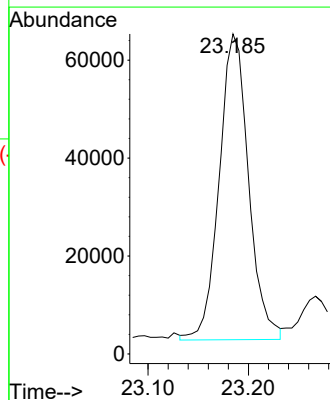
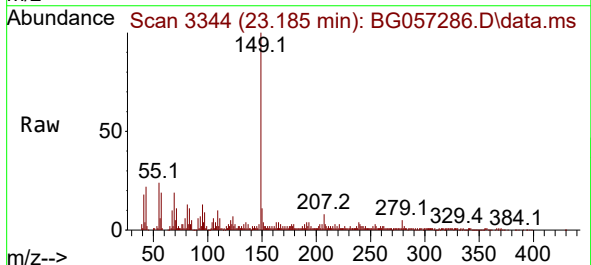
RT: 23.185 min Scan# 3344

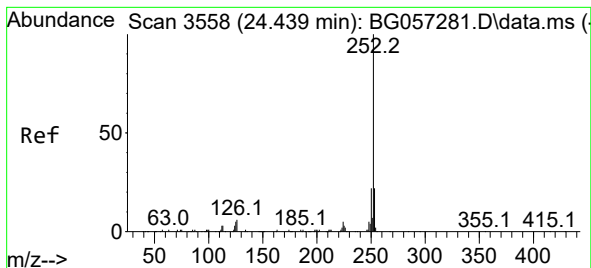
Delta R.T. 0.006 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Tgt Ion:149 Resp: 126722





#90

Benzo(b)fluoranthene

Concen: 53.997 ng/ul

RT: 24.465 min Scan# 3558

Delta R.T. 0.029 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

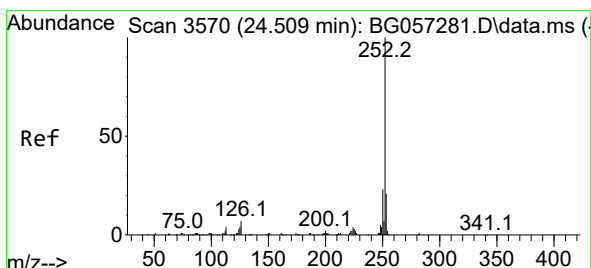
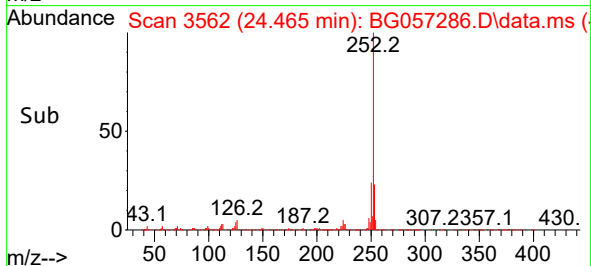
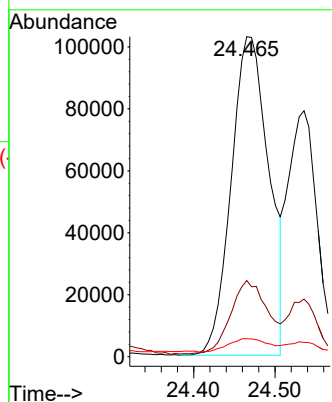
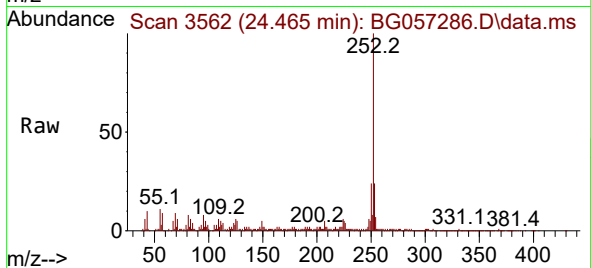
Tgt Ion:252 Resp: 331136

Ion Ratio Lower Upper

252 100

253 23.8 16.7 25.1

125 5.6 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 32.564 ng/ul

RT: 24.536 min Scan# 3574

Delta R.T. 0.023 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

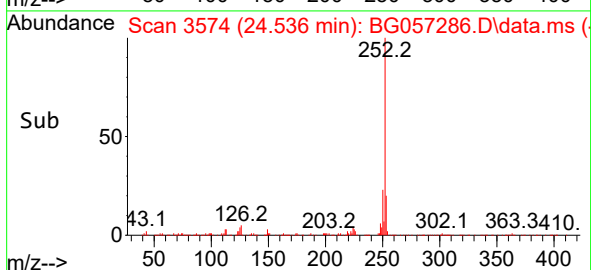
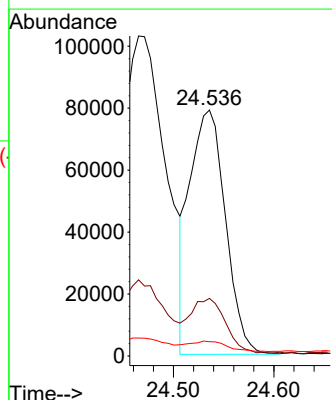
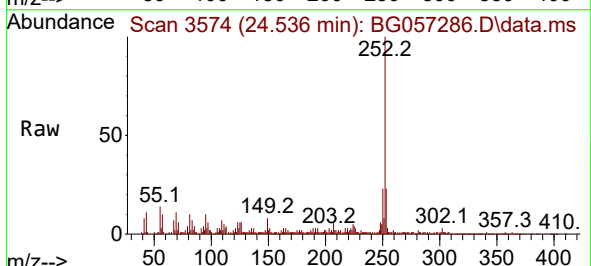
Tgt Ion:252 Resp: 194283

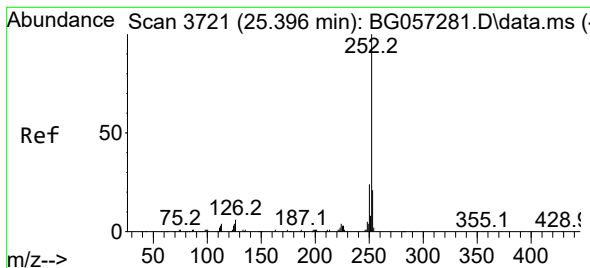
Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 5.8 4.5 6.7





#93

Benzo(a)pyrene

Concen: 46.656 ng/ul

RT: 25.435 min Scan# 31

Delta R.T. 0.035 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

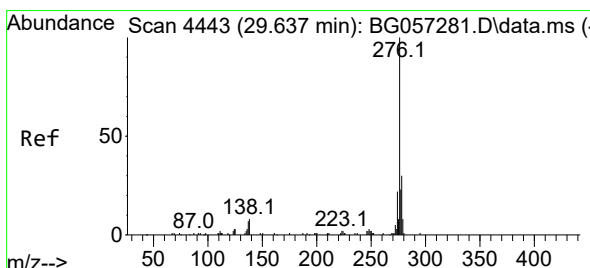
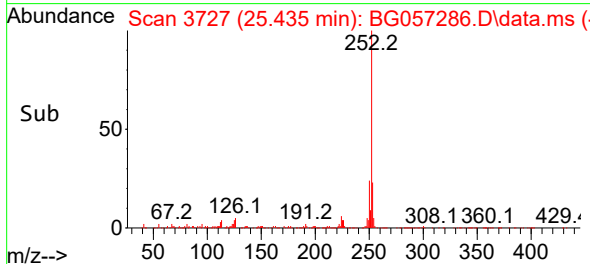
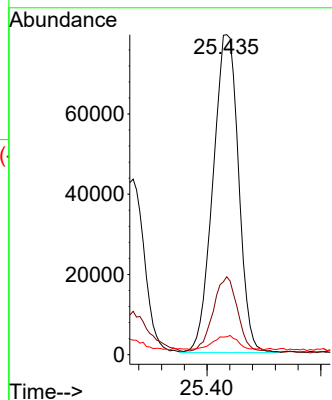
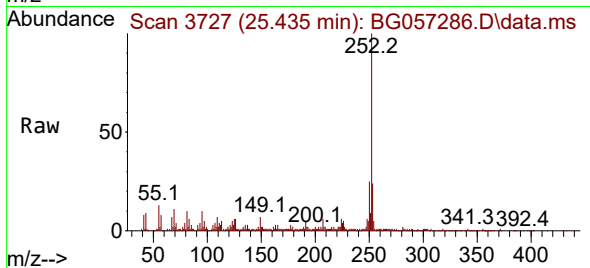
Tgt Ion:252 Resp: 247011

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

125 5.6 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.709 ng/ul

RT: 29.699 min Scan# 4453

Delta R.T. 0.076 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

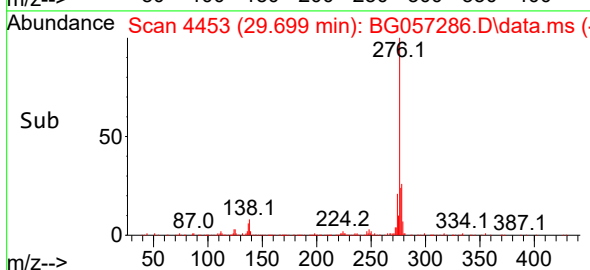
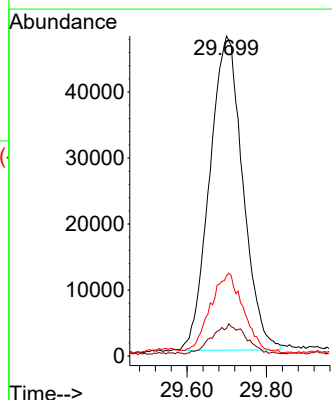
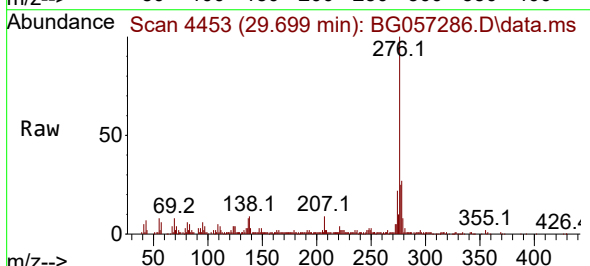
Tgt Ion:276 Resp: 276029

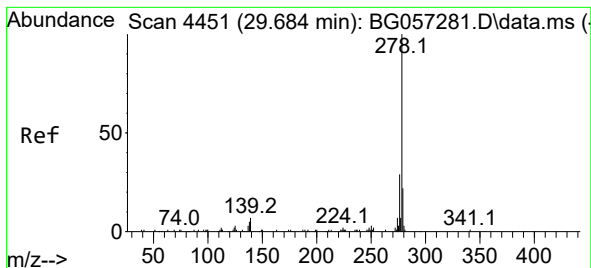
Ion Ratio Lower Upper

276 100

138 8.7 9.4 14.2#

277 25.0 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 28.027 ng/ul

RT: 29.746 min Scan# 4451

Delta R.T. 0.053 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Instrument :

BNA_G

ClientSampleId :

EW925MS

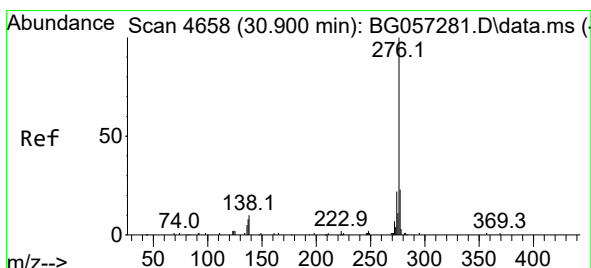
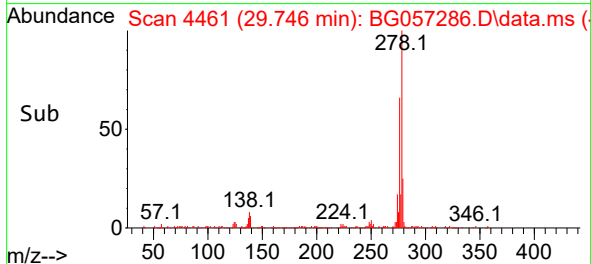
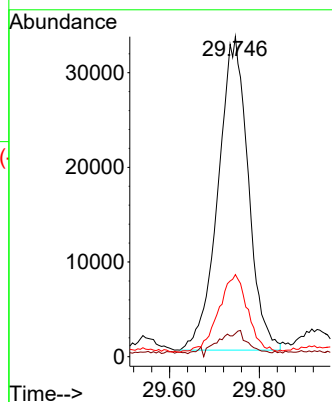
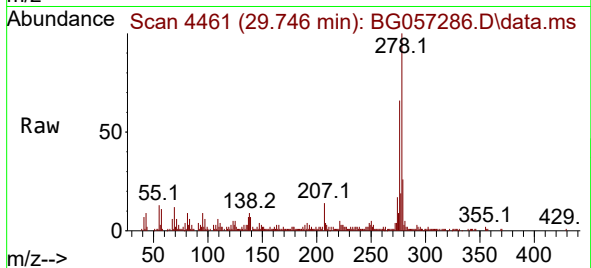
Tgt Ion:278 Resp: 153802

Ion Ratio Lower Upper

278 100

139 7.3 5.8 8.6

279 25.7 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 45.599 ng/ul

RT: 30.986 min Scan# 4672

Delta R.T. 0.076 min

Lab File: BG057286.D

Acq: 3 May 2023 14:32

Tgt Ion:276 Resp: 244230

Ion Ratio Lower Upper

276 100

138 8.9 8.7 13.1

277 24.4 18.4 27.6

