

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057287.D
 Acq On : 3 May 2023 15:14
 Operator : CG/JU
 Sample : 02419-30MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925MSD

Quant Time: May 04 01:15:54 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	8.378	152	12591	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	52583	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.998	164	39108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	85644	20.000	ng/ul	0.00
79) Chrysene-d12	22.065	240	72567	20.000	ng/ul	0.01
88) Perylene-d12	25.607	264	78086	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	375	1.311	ng/uL	0.00
4) Pyridine-d5	4.095	84	106	0.118	ng/ul	0.00
7) Phenol-d5	7.520	99	14580	12.244	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	8242	11.768	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	10651	13.574	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	9530	10.530	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	5569	13.299	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	6244	12.777	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.833	165	14296	15.163	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	6628	5.304	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	44158	14.250	ng/ul	0.00
49) Acenaphthylene-d8	14.699	160	52408	15.048	ng/ul	0.00
54) 4-Nitrophenol-d4	15.192	143	5075	11.251	ng/ul	0.01
60) Fluorene-d10	15.979	176	43626	15.112	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	4221	8.318	ng/ul	0.00
73) Anthracene-d10	17.836	188	61358	15.696	ng/ul	0.00
81) Pyrene-d10	20.109	212	69119	16.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.361	264	61803	15.535	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	1639	5.402	ng/uL#	75
5) Pyridine	4.137	79	2685	2.824	ng/ul#	75
6) Benzaldehyde	7.508	77	11988	32.963	ng/ul	90
8) Phenol	7.550	94	20100	16.748	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.779	93	12683	14.120	ng/ul	91
12) 2-Chlorophenol	7.937	128	13850	16.804	ng/ul	96
13) 2-Methylphenol	8.818	108	11937	12.834	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.901	45	15824	13.664	ng/ul#	96
16) Acetophenone	9.206	105	38348	24.625	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.177	70	12253	13.692	ng/ul	98
18) 4-Methylphenol	9.147	108	15175	15.073	ng/ul	98
19) Hexachloroethane	9.476	117	6054	17.556	ng/ul	95
22) Nitrobenzene	9.600	77	19963	16.010	ng/ul	94
23) Isophorone	10.117	82	33049	13.930	ng/ul	97
25) 2-Nitrophenol	10.322	139	7892	15.944	ng/ul	94
26) 2,4-Dimethylphenol	10.363	107	4207	3.747	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.592	93	18484	14.988	ng/ul	97
29) 2,4-Dichlorophenol	10.863	162	15687	17.529	ng/ul	93
30) Naphthalene	11.268	128	52544	18.200	ng/ul	97
32) 4-Chloroaniline	11.374	127	8634	6.631	ng/ul#	82
33) Hexachlorobutadiene	11.538	225	13912	18.328	ng/ul	97
34) Caprolactam	12.126	113	5004	16.609	ng/ul	84
35) 4-Chloro-3-methylphenol	12.472	107	17690	17.180	ng/ul	99
36) 2-Methylnaphthalene	12.848	142	39059	18.448	ng/ul	98

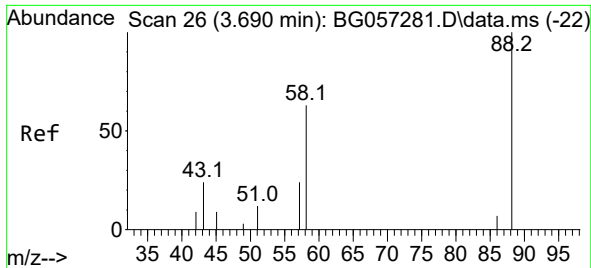
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.066	142	38199	17.943	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.207	216	26505	18.650	ng/ul	96
40) Hexachlorocyclopentadiene	13.177	237	802	1.131	ng/ul#	73
41) 2,4,6-Trichlorophenol	13.442	196	15770	19.053	ng/ul	95
42) 2,4,5-Trichlorophenol	13.524	196	16302	18.344	ng/ul	95
43) 1,1'-Biphenyl	13.829	154	54872	18.388	ng/ul	100
44) 2-Chloronaphthalene	13.882	162	41756	18.047	ng/ul	99
45) 2-Nitroaniline	14.082	65	12293	17.599	ng/ul	99
47) Dimethylphthalate	14.428	163	53236	17.108	ng/ul	99
48) 2,6-Dinitrotoluene	14.558	165	11126	17.373	ng/ul	94
50) Acenaphthylene	14.722	152	61595	17.403	ng/ul	98
51) 3-Nitroaniline	14.893	138	8631	19.021	ng/ul	86
52) Acenaphthene	15.063	153	45132	17.897	ng/ul	98
53) 2,4-Dinitrophenol	15.110	184	2347	6.882	ng/ul	90
55) 4-Nitrophenol	15.204	109	8285	16.203	ng/ul	86
56) Dibenzofuran	15.392	168	68359	18.772	ng/ul	98
57) 2,4-Dinitrotoluene	15.351	165	16104	17.566	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.615	232	14779	18.302	ng/ul#	99
59) Diethylphthalate	15.774	149	53082	16.790	ng/ul	100
61) Fluorene	16.038	166	55429	18.001	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.015	204	30950	17.221	ng/ul	98
63) 4-Nitroaniline	16.050	138	9862	22.950	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	16.114	198	6097	11.791	ng/ul#	81
67) N-Nitrosodiphenylamine	16.226	169	44721	19.990	ng/ul	98
68) 4-Bromophenyl-phenylether	16.907	248	20073	19.609	ng/ul	94
69) Hexachlorobenzene	17.043	284	20362	18.890	ng/ul	96
70) Atrazine	17.160	200	19096	19.206	ng/ul	99
71) Pentachlorophenol	17.389	266	5468	10.974	ng/ul#	91
72) Phenanthrene	17.783	178	125604	28.163	ng/ul	99
74) Anthracene	17.871	178	89668	20.015	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.806	216	28008	21.743	ng/ul	94
76) Pentachlorobenzene	15.316	250	27658	21.094	ng/ul	95
77) Carbazole	18.135	167	71555	19.112	ng/ul	99
78) Di-n-butylphthalate	18.658	149	99026	23.130	ng/ul	98
80) Fluoranthene	19.774	202	228471	44.653	ng/ul#	95
82) Pyrene	20.138	202	228381	44.091	ng/ul#	95
83) Butylbenzylphthalate	20.984	149	60639	36.556	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.936	252	15928	9.883	ng/ul#	93
85) Benzo(a)anthracene	22.042	228	207505	40.431	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.883	149	314564	130.386	ng/ul	97
87) Chrysene	22.112	228	207305	42.813	ng/ul	93
89) Di-n-octyl phthalate	23.193	149	111343	25.821	ng/ul	100
90) Benzo(b)fluoranthene	24.474	252	288185	53.295	ng/ul	97
91) Benzo(k)fluoranthene	24.544	252	168970	32.119	ng/ul	98
93) Benzo(a)pyrene	25.443	252	220907	47.320	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.702	276	236765	40.573	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.755	278	123151	25.450	ng/ul	94
96) Benzo(g,h,i)perylene	31.000	276	129707	27.464	ng/ul#	97

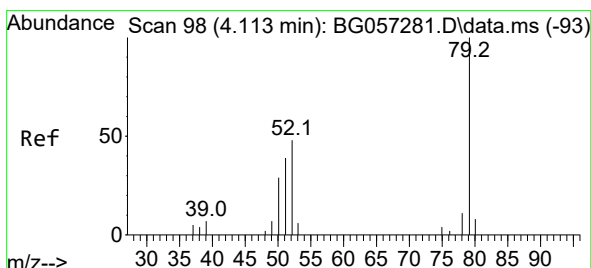
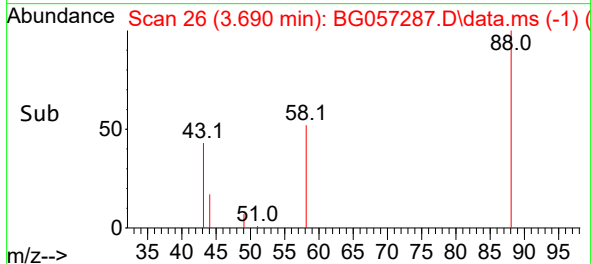
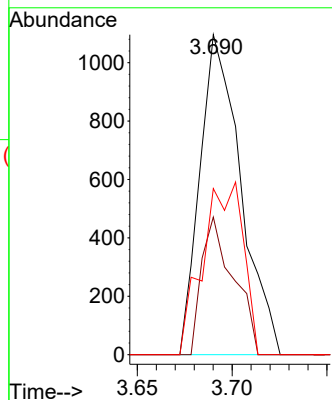
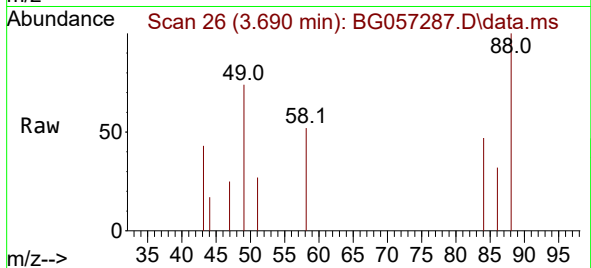
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#2
1,4-Dioxane
Concen: 5.402 ng/uL
RT: 3.690 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

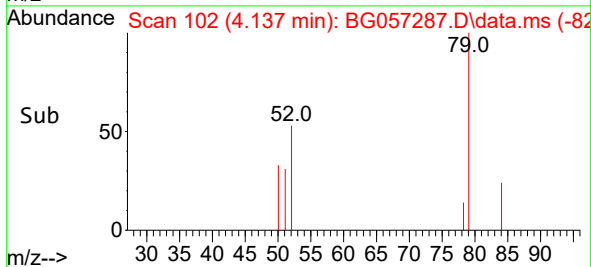
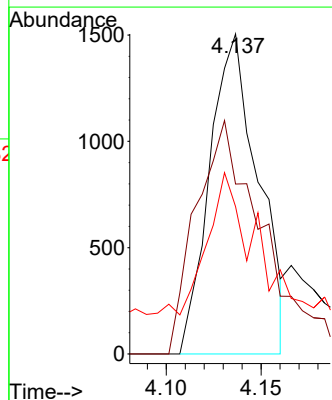
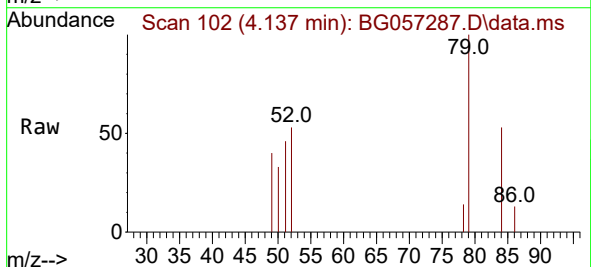
Instrument :
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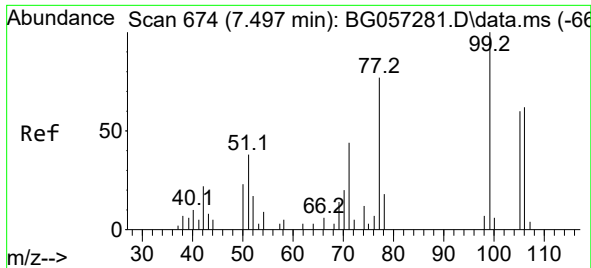
Tgt Ion: 88 Resp: 1639
Ion Ratio Lower Upper
88 100
43 43.0 28.2 42.4#
58 51.9 63.3 94.9#



#5
Pyridine
Concen: 2.824 ng/uL
RT: 4.137 min Scan# 102
Delta R.T. 0.020 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion: 79 Resp: 2685
Ion Ratio Lower Upper
79 100
52 53.1 62.4 93.6#
51 46.0 29.0 43.4#

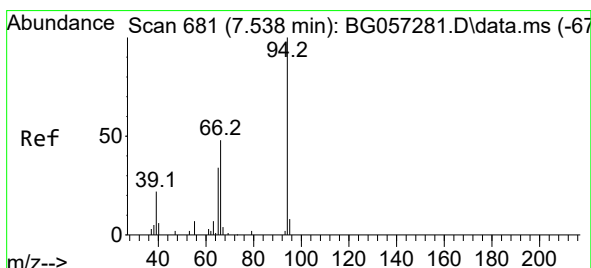
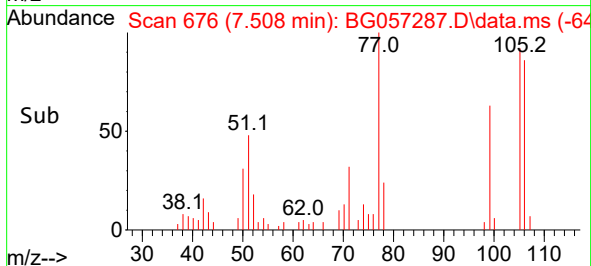
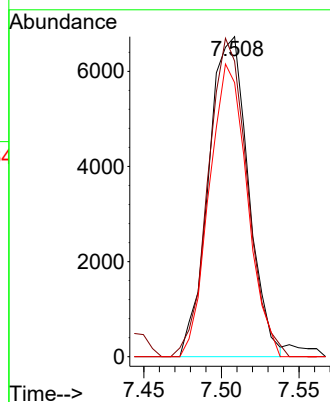
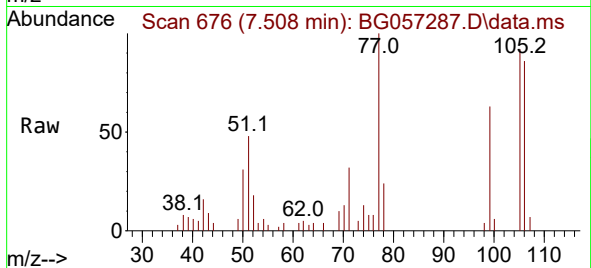




#6
Benzaldehyde
Concen: 32.963 ng/ul
RT: 7.508 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

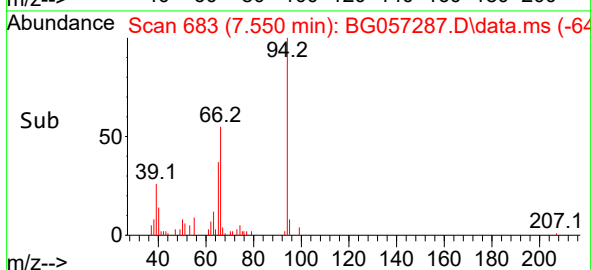
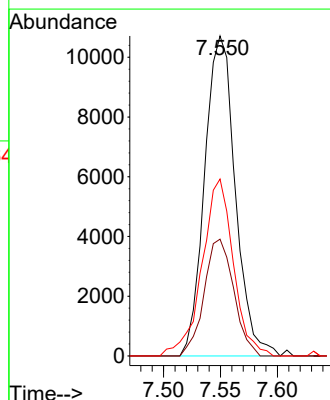
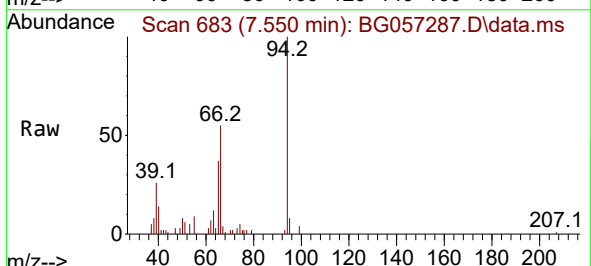
Instrument :
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ClientSampleId :
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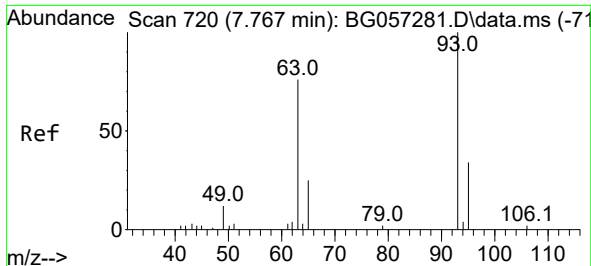
Tgt Ion: 77 Resp: 11988
Ion Ratio Lower Upper
77 100
105 92.4 79.8 119.6
106 85.6 78.7 118.1



#8
Phenol
Concen: 16.748 ng/ul
RT: 7.550 min Scan# 683
Delta R.T. 0.008 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion: 94 Resp: 20100
Ion Ratio Lower Upper
94 100
65 36.5 25.5 38.3
66 55.3 36.9 55.3

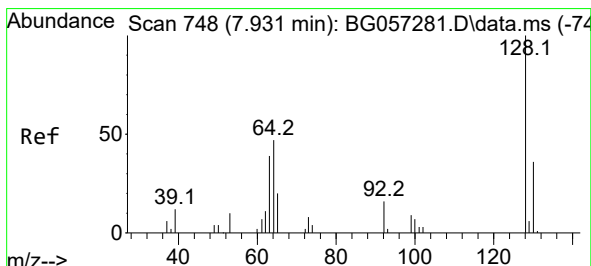
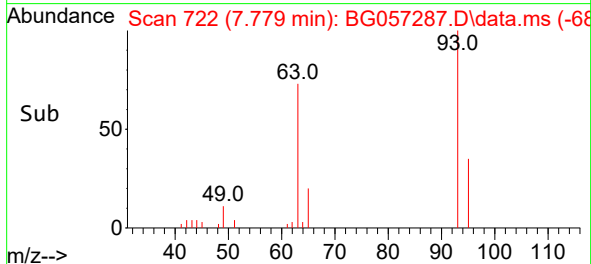
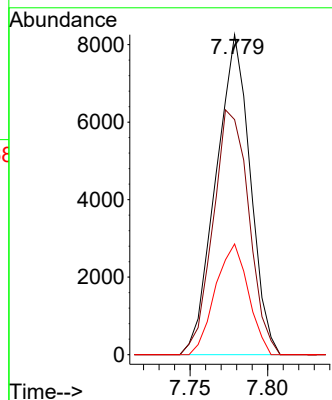
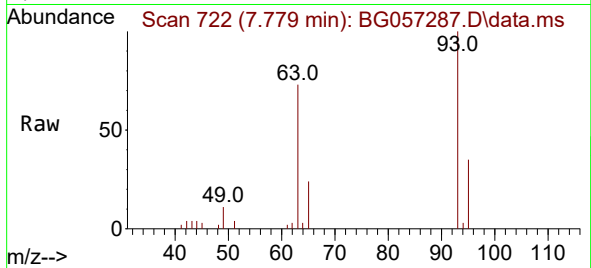




#10
Bis(2-Chloroethyl)ether
Concen: 14.120 ng/ul
RT: 7.779 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

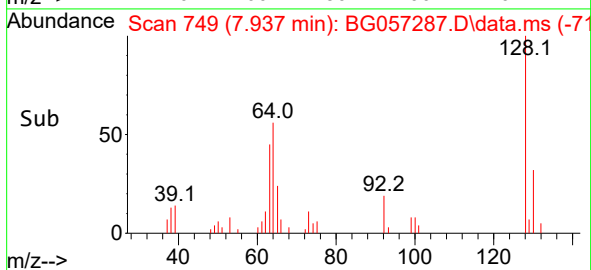
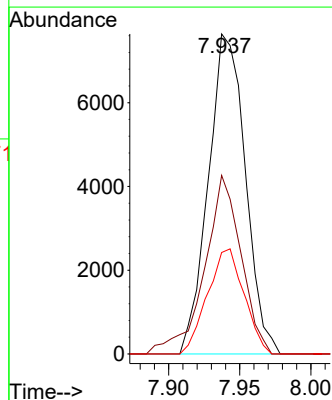
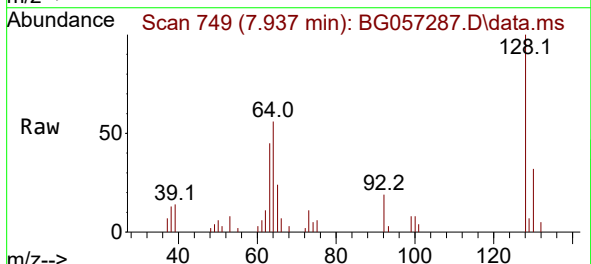
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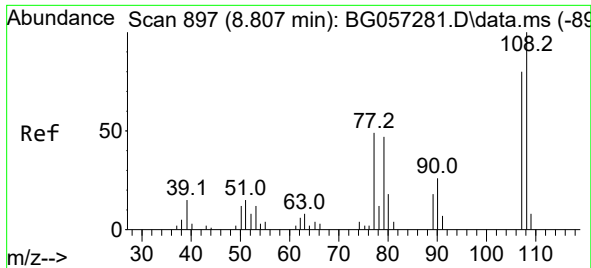
Tgt Ion: 93 Resp: 12683
Ion Ratio Lower Upper
93 100
63 73.4 67.2 100.8
95 34.6 26.3 39.5



#12
2-Chlorophenol
Concen: 16.804 ng/ul
RT: 7.937 min Scan# 749
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:128 Resp: 13850
Ion Ratio Lower Upper
128 100
64 55.8 41.3 61.9
130 31.7 24.6 37.0

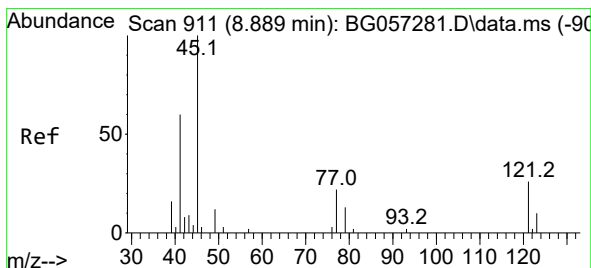
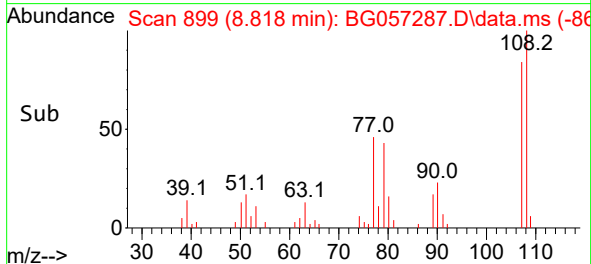
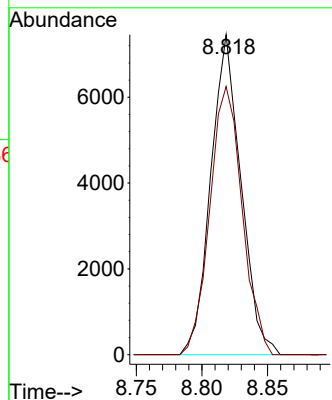
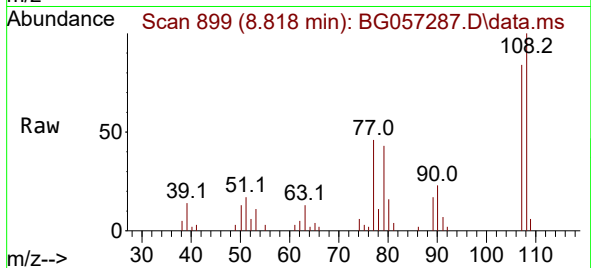




#13
2-Methylphenol
Concen: 12.834 ng/ul
RT: 8.818 min Scan# 897
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

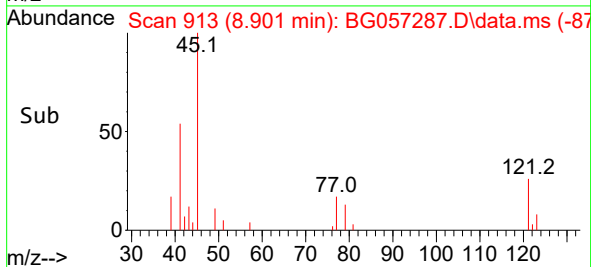
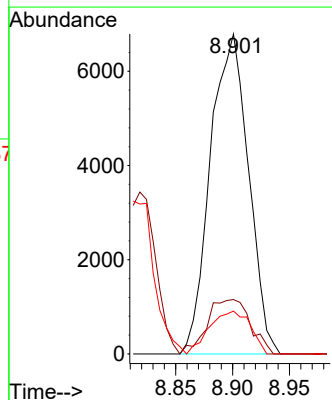
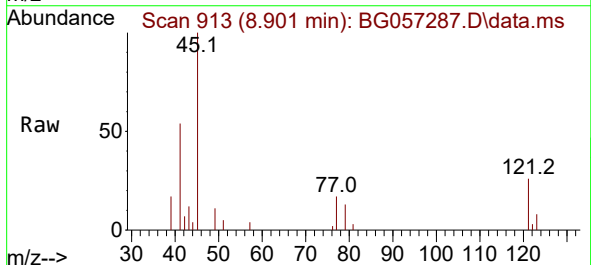
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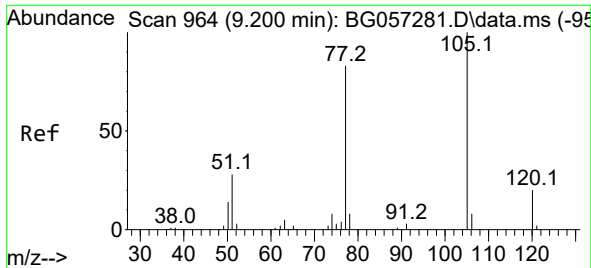
Tgt Ion:108 Resp: 11937
Ion Ratio Lower Upper
108 100
107 83.8 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.664 ng/ul
RT: 8.901 min Scan# 913
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion: 45 Resp: 15824
Ion Ratio Lower Upper
45 100
77 17.0 12.9 19.3
79 13.4 8.9 13.3#

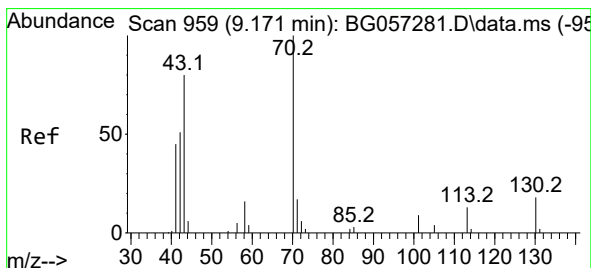
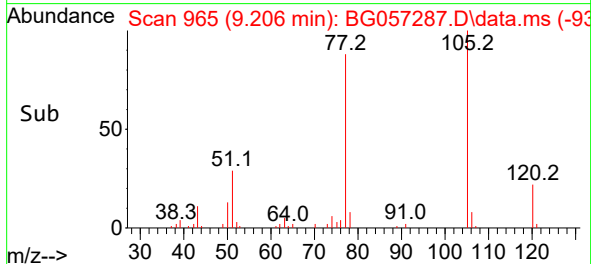
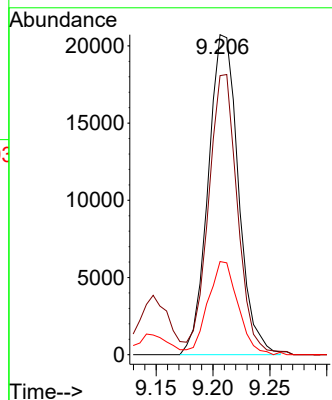
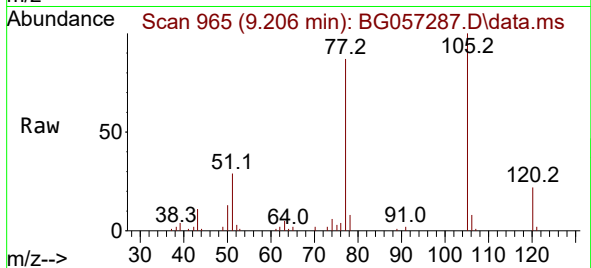




#16
Acetophenone
Concen: 24.625 ng/ul
RT: 9.206 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

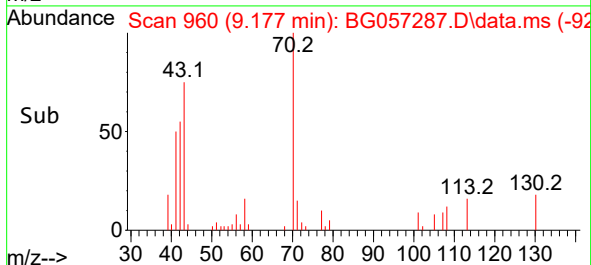
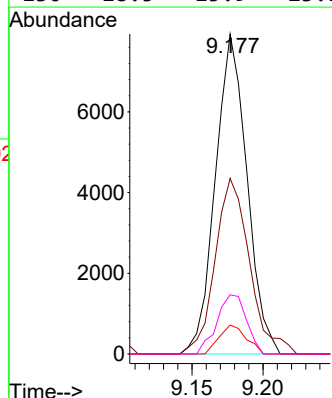
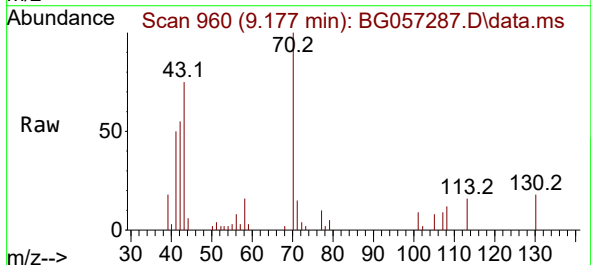
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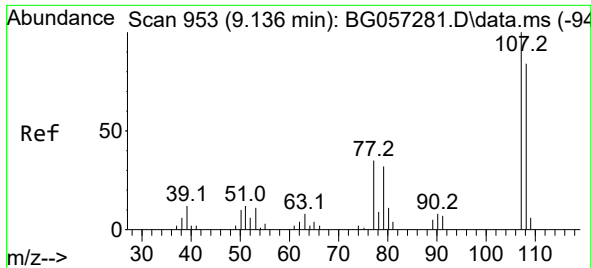
Tgt Ion:105 Resp: 38348
Ion Ratio Lower Upper
105 100
77 87.2 70.6 105.8
51 29.1 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 13.692 ng/ul
RT: 9.177 min Scan# 960
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion: 70 Resp: 12253
Ion Ratio Lower Upper
70 100
42 54.8 45.0 67.4
101 9.0 6.5 9.7
130 18.5 15.9 23.9

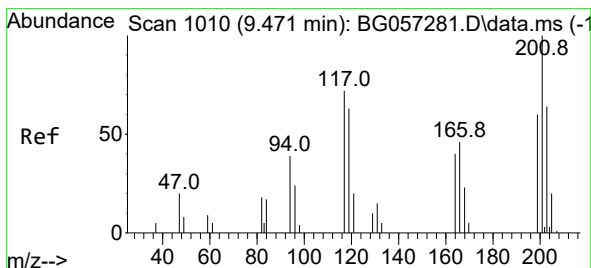
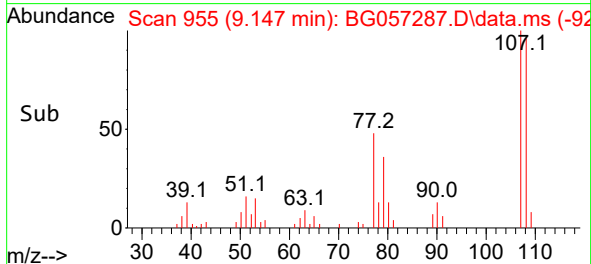
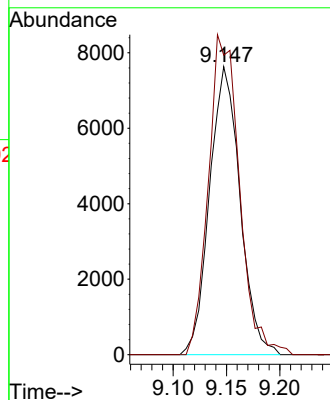
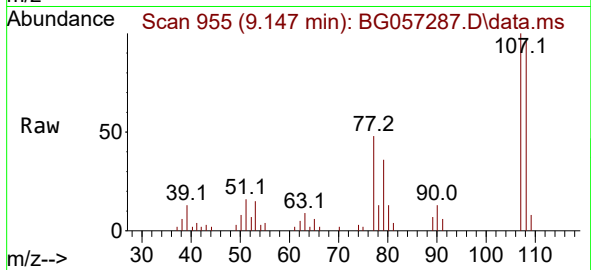




#18
4-Methylphenol
Concen: 15.073 ng/ul
RT: 9.147 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

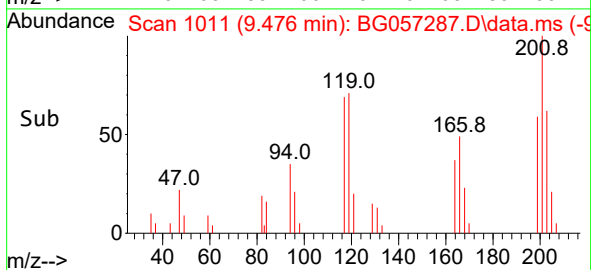
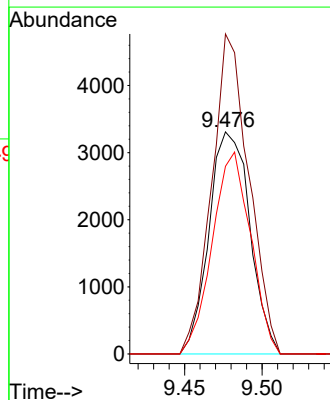
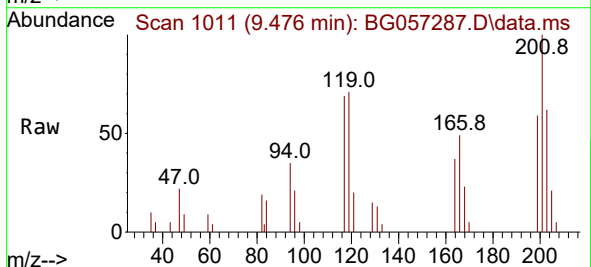
Instrument :
BNA_G
ClientSampleId :
EW925MSD

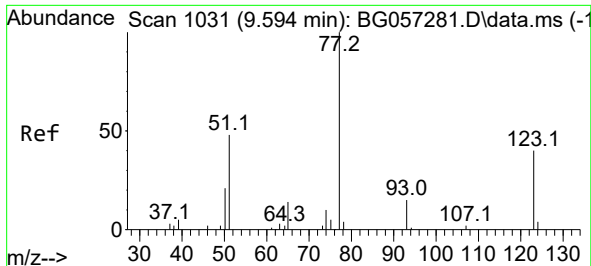
Tgt Ion:108 Resp: 15175
Ion Ratio Lower Upper
108 100
107 104.0 85.1 127.7



#19
Hexachloroethane
Concen: 17.556 ng/ul
RT: 9.476 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:117 Resp: 6054
Ion Ratio Lower Upper
117 100
201 144.0 109.4 164.2
199 84.5 65.4 98.2





#22

Nitrobenzene

Concen: 16.010 ng/ul

RT: 9.600 min Scan# 110

Delta R.T. -0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

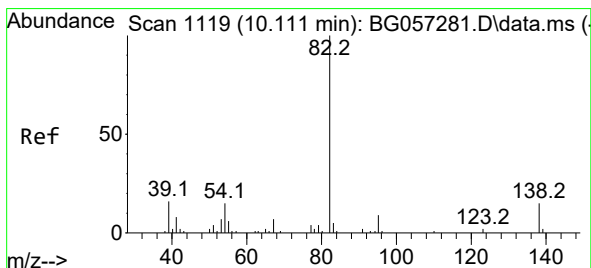
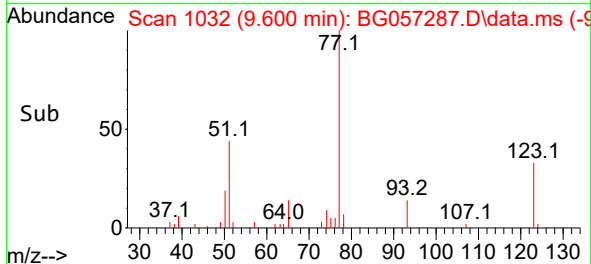
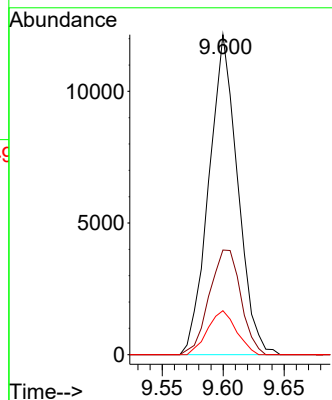
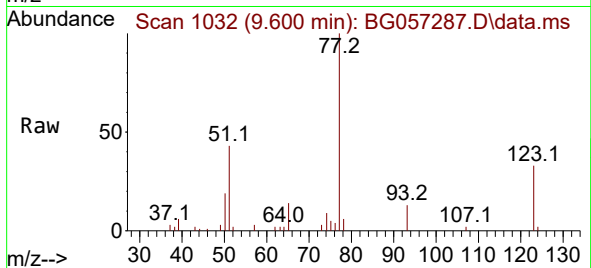
Tgt Ion: 77 Resp: 19963

Ion Ratio Lower Upper

77 100

123 32.7 29.6 44.4

65 13.7 11.4 17.0



#23

Isophorone

Concen: 13.930 ng/ul

RT: 10.117 min Scan# 1120

Delta R.T. -0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

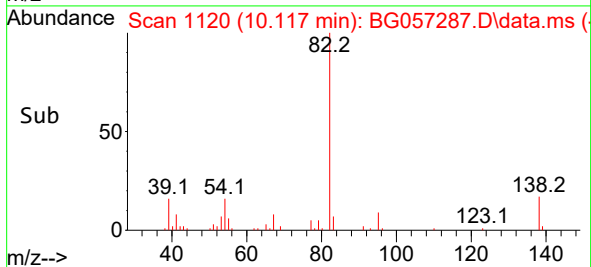
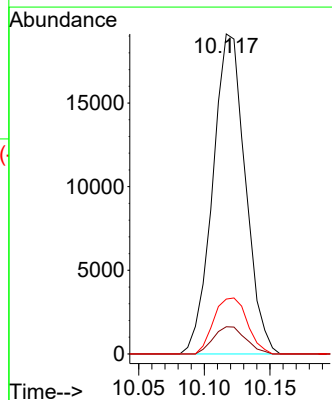
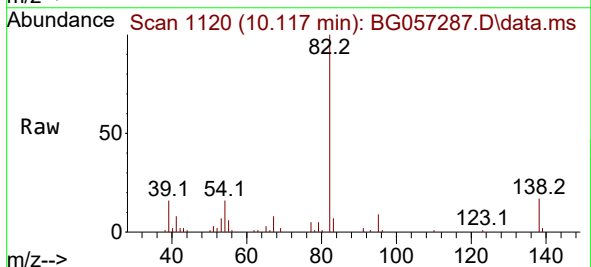
Tgt Ion: 82 Resp: 33049

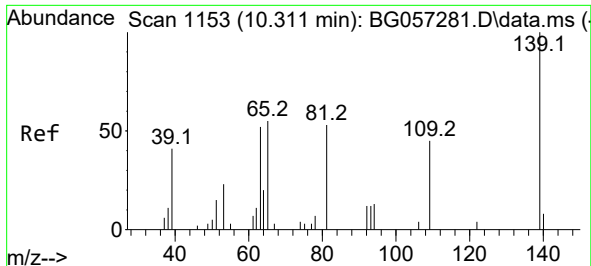
Ion Ratio Lower Upper

82 100

95 8.5 6.8 10.2

138 17.2 12.2 18.2

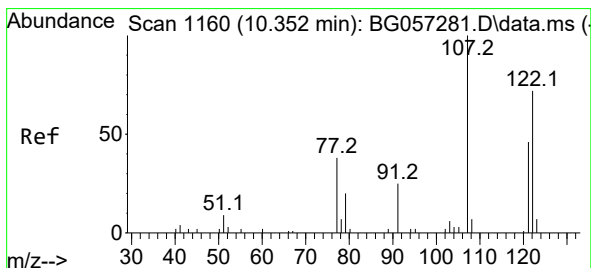
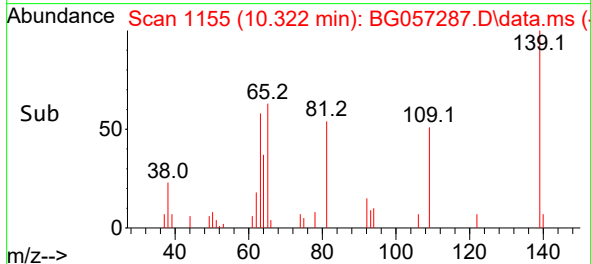
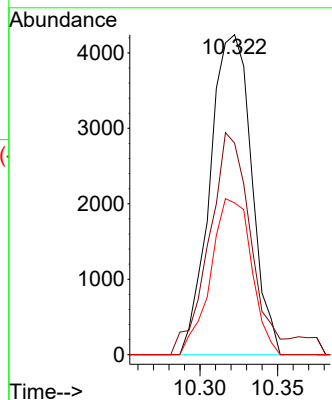
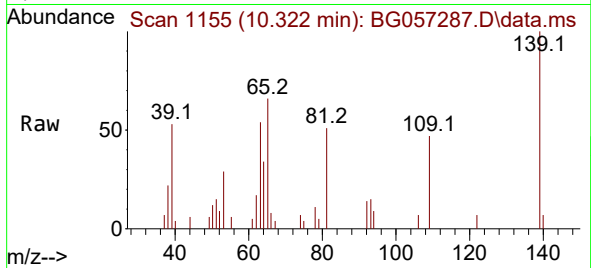




#25
2-Nitrophenol
Concen: 15.944 ng/ul
RT: 10.322 min Scan# 1155
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

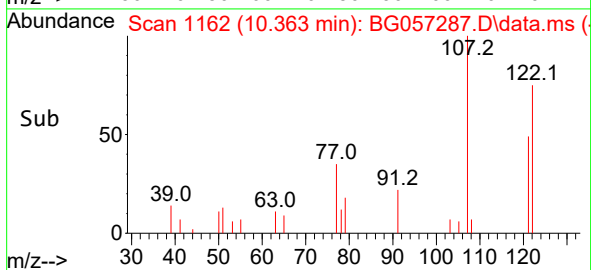
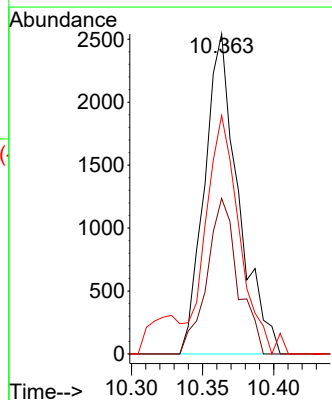
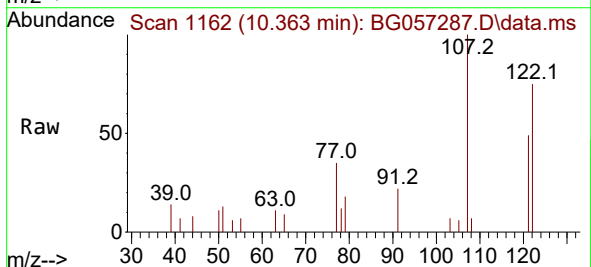
Instrument :
BNA_G
ClientSampleId :
EW925MSD

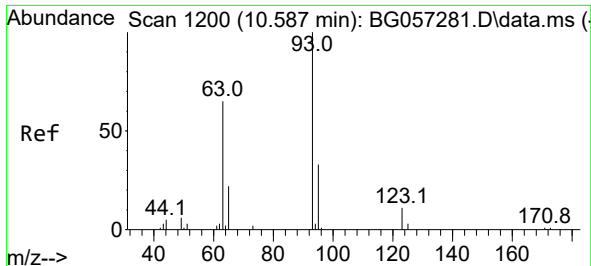
Tgt Ion:139 Resp: 7892
Ion Ratio Lower Upper
139 100
65 66.1 48.7 73.1
109 47.4 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 3.747 ng/ul
RT: 10.363 min Scan# 1162
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:107 Resp: 4207
Ion Ratio Lower Upper
107 100
121 48.6 35.4 53.0
122 74.5 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 14.988 ng/ul

RT: 10.592 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

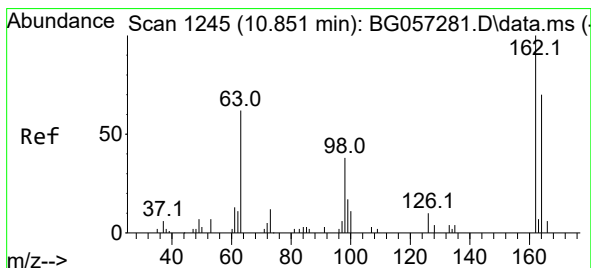
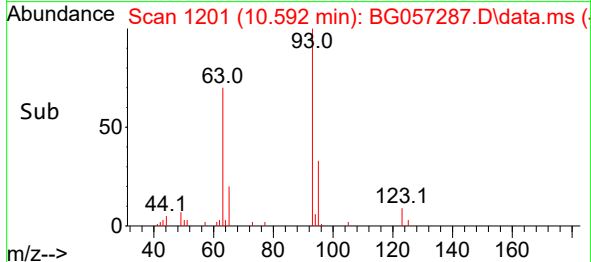
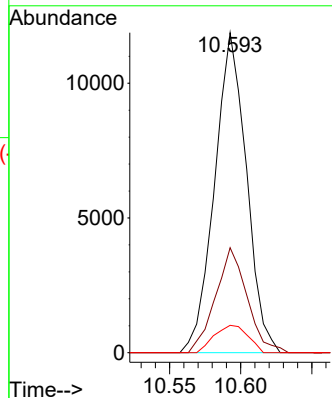
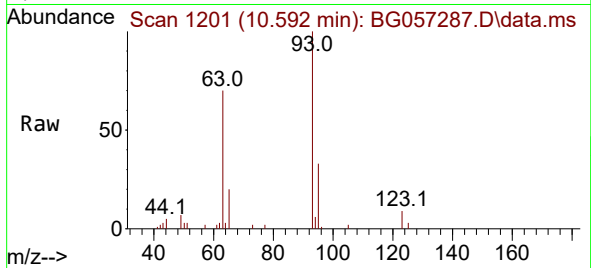
Tgt Ion: 93 Resp: 18484

Ion Ratio Lower Upper

93 100

95 32.8 24.8 37.2

123 8.5 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 17.529 ng/ul

RT: 10.863 min Scan# 1247

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

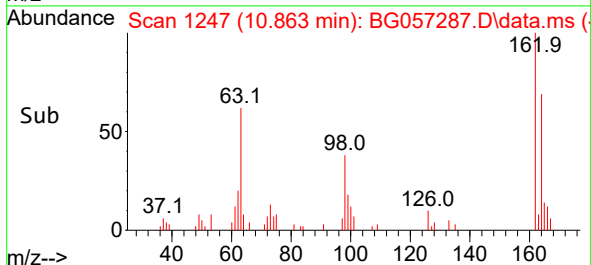
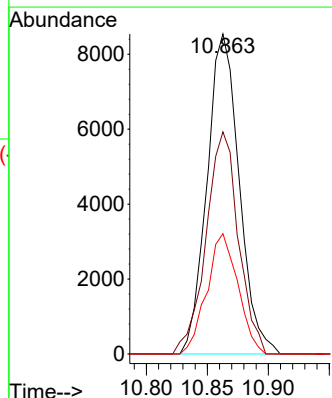
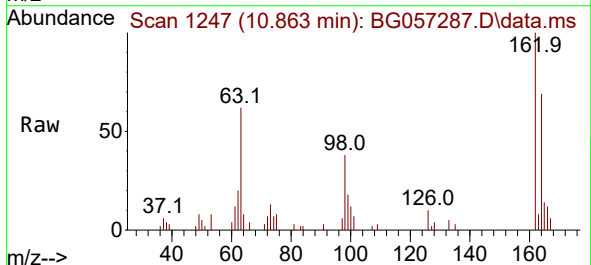
Tgt Ion:162 Resp: 15687

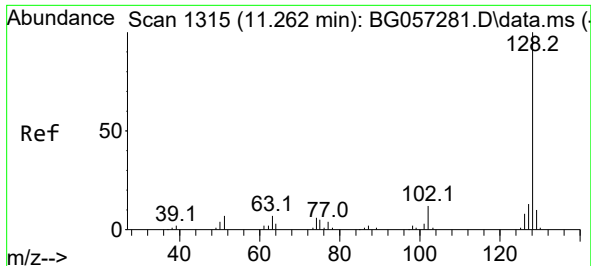
Ion Ratio Lower Upper

162 100

164 69.4 50.5 75.7

98 37.6 27.5 41.3

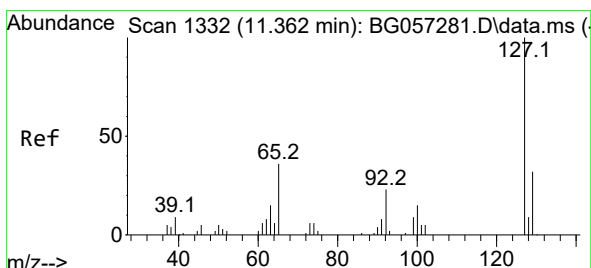
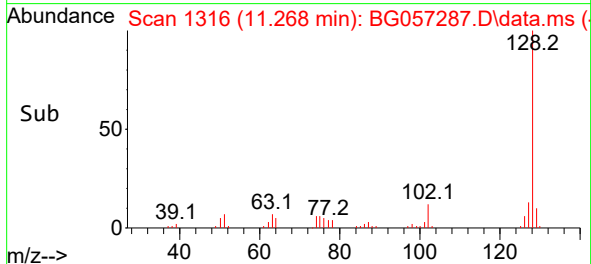
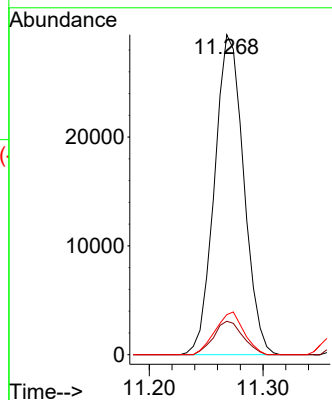
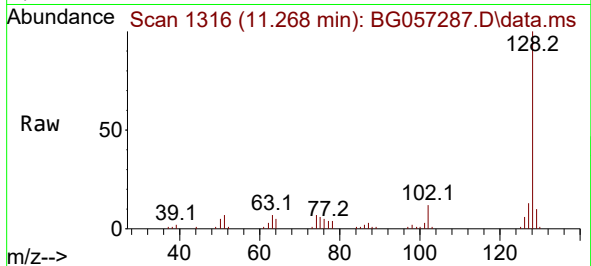




#30
Naphthalene
Concen: 18.200 ng/ul
RT: 11.268 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

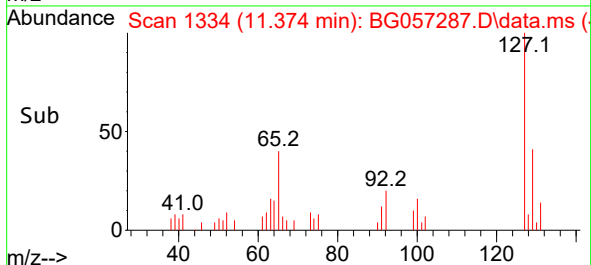
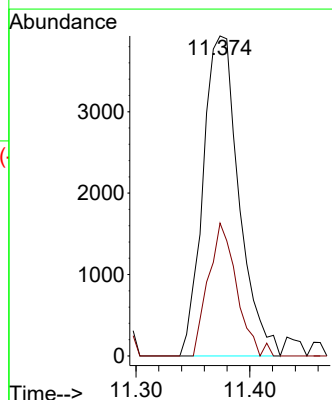
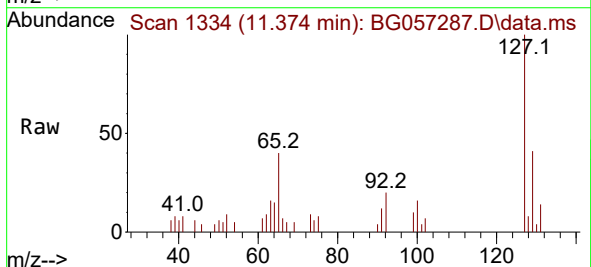
Instrument :
BNA_G
ClientSampleId :
EW925MSD

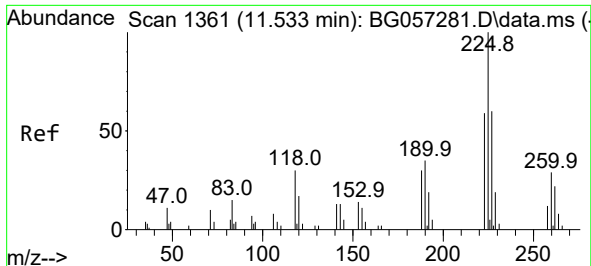
Tgt Ion:128 Resp: 52544
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.5 11.4 17.0



#32
4-Chloroaniline
Concen: 6.631 ng/ul
RT: 11.374 min Scan# 1334
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:127 Resp: 8634
Ion Ratio Lower Upper
127 100
129 41.5 25.4 38.0#

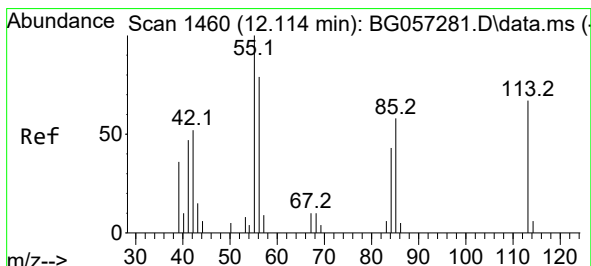
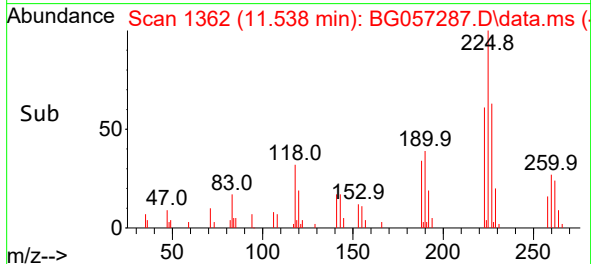
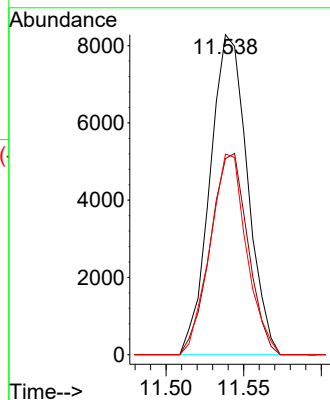
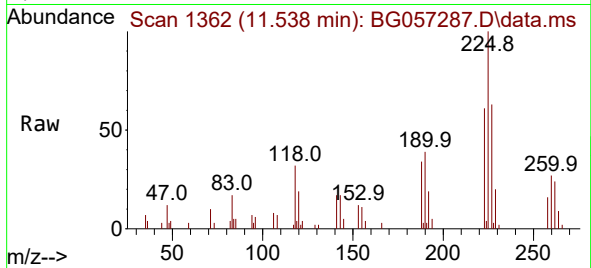




#33
Hexachlorobutadiene
Concen: 18.328 ng/ul
RT: 11.538 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

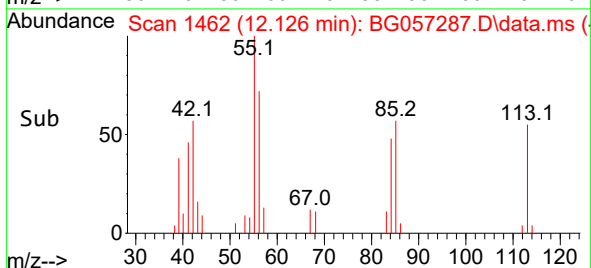
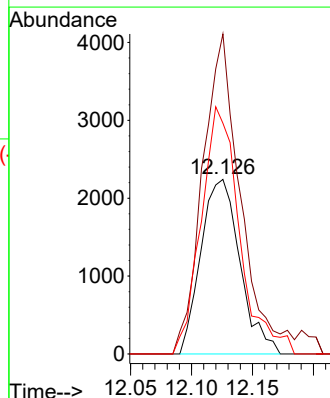
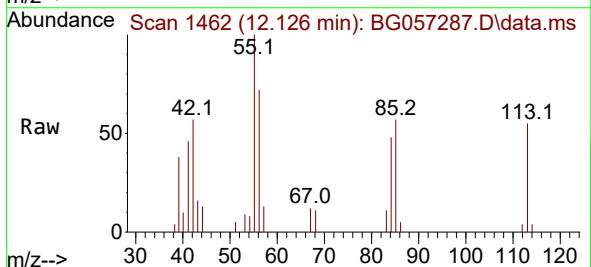
Instrument :
BNA_G
ClientSampleId :
EW925MSD

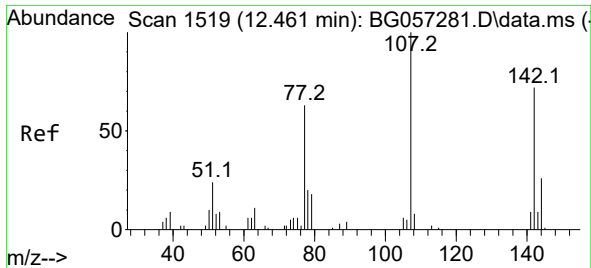
Tgt Ion:225 Resp: 13912
Ion Ratio Lower Upper
225 100
223 61.3 47.5 71.3
227 62.7 48.4 72.6



#34
Caprolactam
Concen: 16.609 ng/ul
RT: 12.126 min Scan# 1462
Delta R.T. 0.008 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:113 Resp: 5004
Ion Ratio Lower Upper
113 100
55 183.3 123.1 184.7
56 132.2 98.7 148.1





#35

4-Chloro-3-methylphenol

Concen: 17.180 ng/ul

RT: 12.472 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

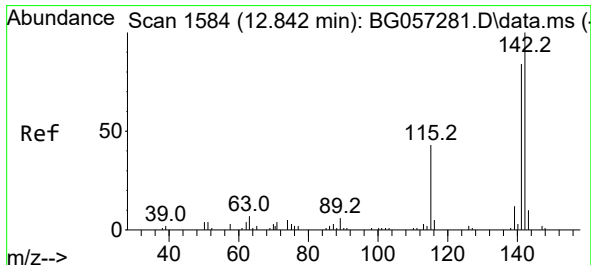
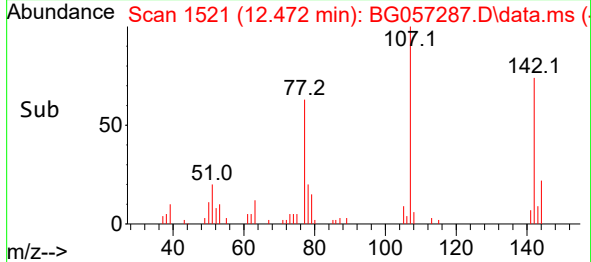
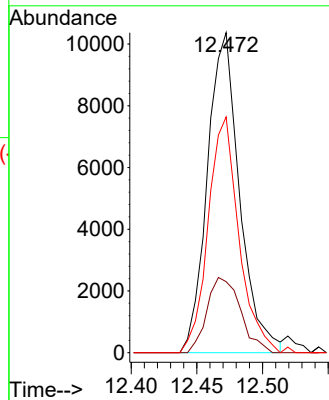
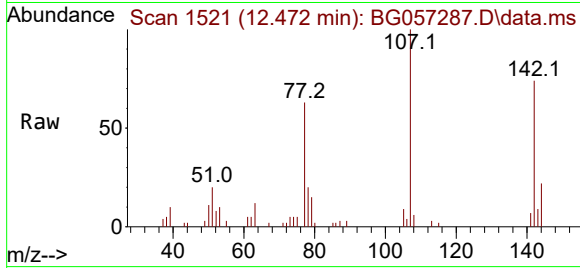
Tgt Ion:107 Resp: 17690

Ion Ratio Lower Upper

107 100

144 22.2 18.3 27.5

142 73.7 58.6 88.0



#36

2-Methylnaphthalene

Concen: 18.448 ng/ul

RT: 12.848 min Scan# 1585

Delta R.T. 0.003 min

Lab File: BG057287.D

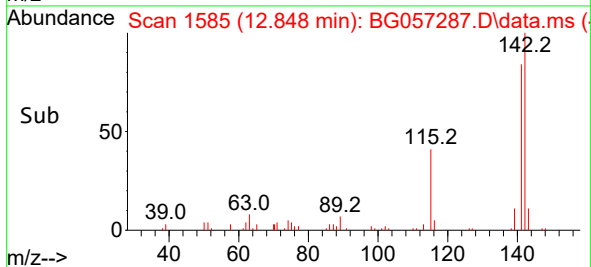
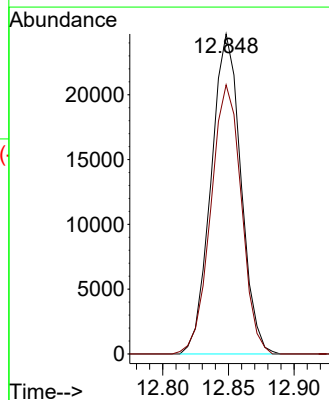
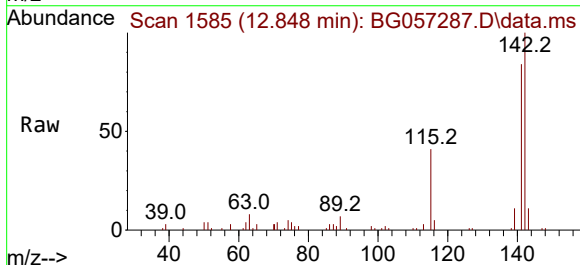
Acq: 3 May 2023 15:14

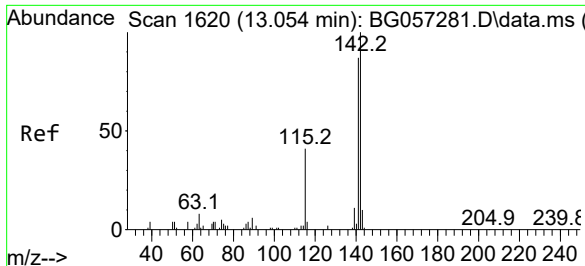
Tgt Ion:142 Resp: 39059

Ion Ratio Lower Upper

142 100

141 84.1 68.7 103.1





#37

1-Methylnaphthalene

Concen: 17.943 ng/ul

RT: 13.066 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

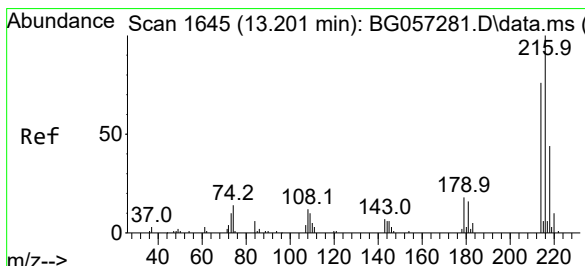
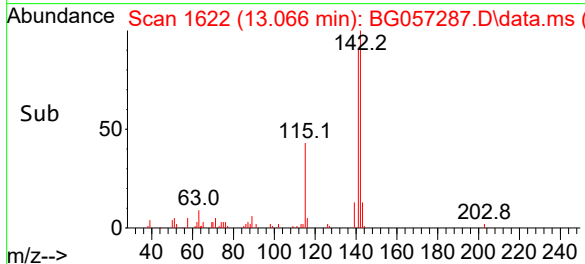
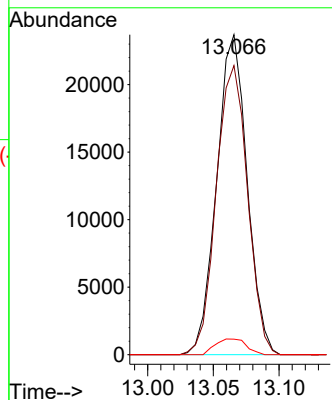
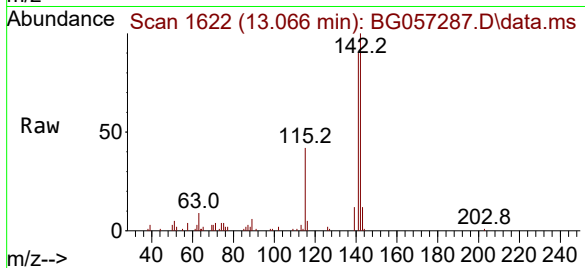
Tgt Ion:142 Resp: 38199

Ion Ratio Lower Upper

142 100

141 90.3 72.9 109.3

116 4.8 3.2 4.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.650 ng/ul

RT: 13.207 min Scan# 1646

Delta R.T. -0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Tgt Ion:216 Resp: 26505

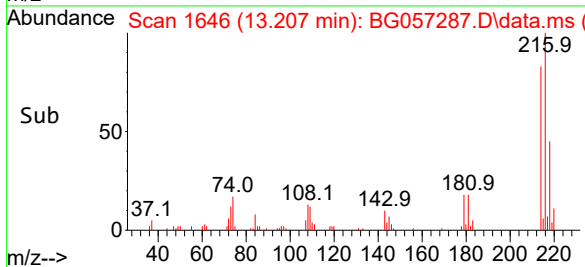
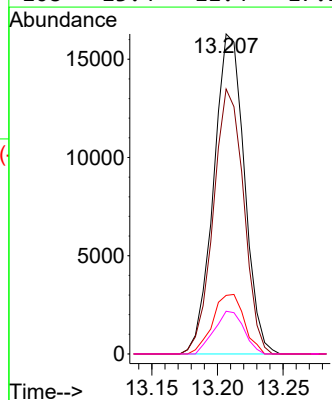
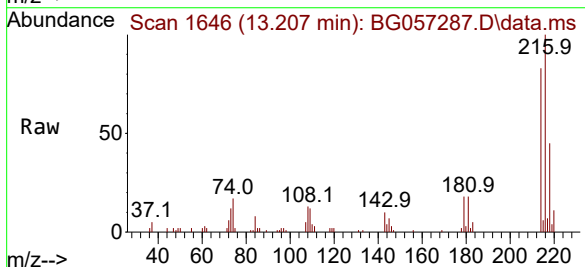
Ion Ratio Lower Upper

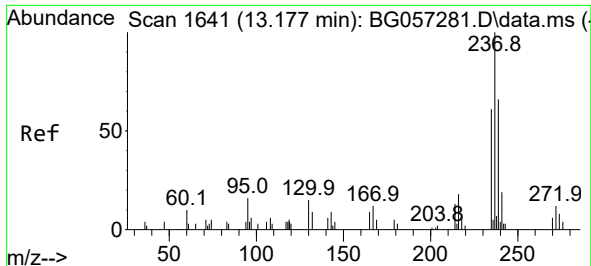
216 100

214 82.8 62.9 94.3

179 18.3 15.3 22.9

108 13.4 11.4 17.2

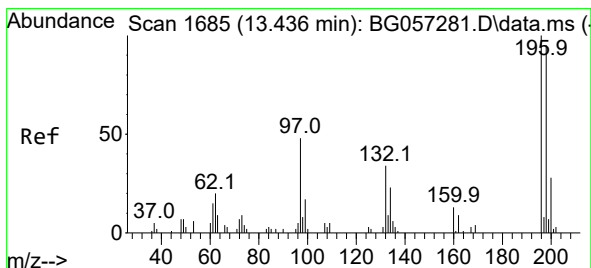
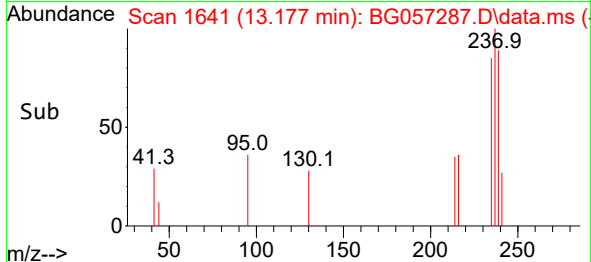
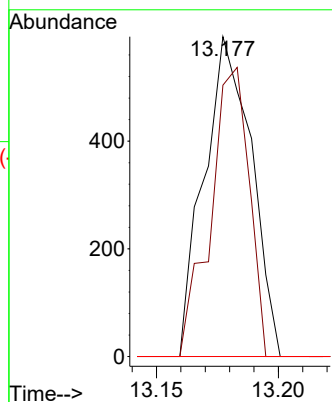
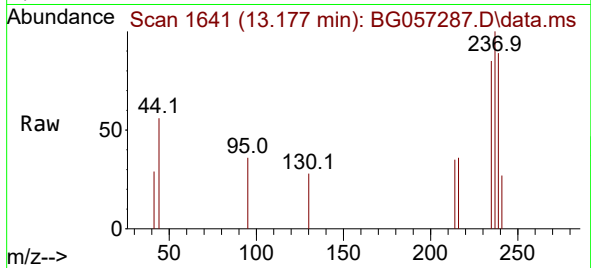




#40
Hexachlorocyclopentadiene
Concen: 1.131 ng/ul
RT: 13.177 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

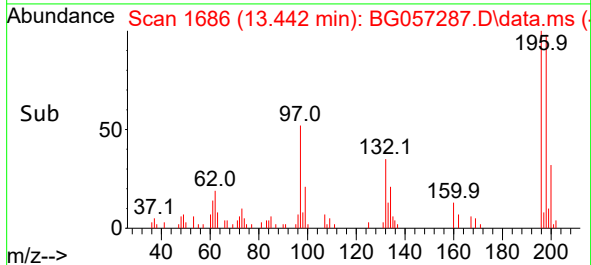
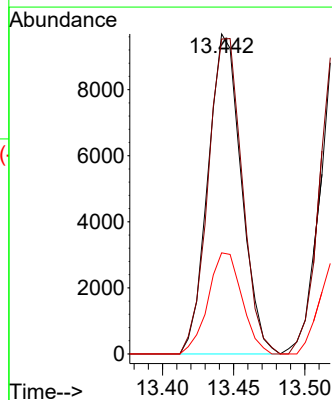
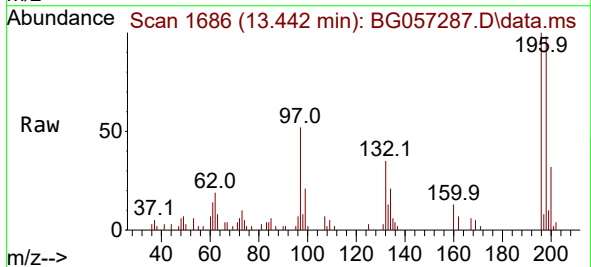
Instrument :
BNA_G
ClientSampleId :
EW925MSD

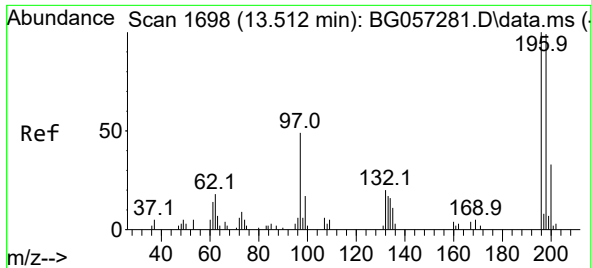
Tgt Ion:237 Resp: 802
Ion Ratio Lower Upper
237 100
235 84.8 51.4 77.0#
272 0.0 9.4 14.2#



#41
2,4,6-Trichlorophenol
Concen: 19.053 ng/ul
RT: 13.442 min Scan# 1686
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:196 Resp: 15770
Ion Ratio Lower Upper
196 100
198 98.4 83.8 125.8
200 31.6 26.6 40.0

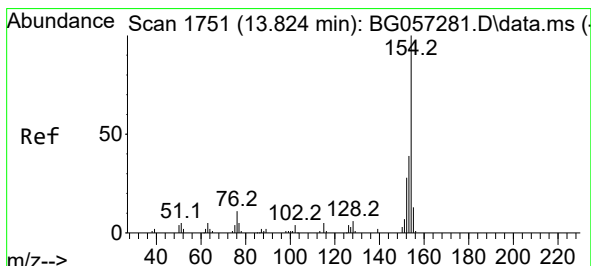
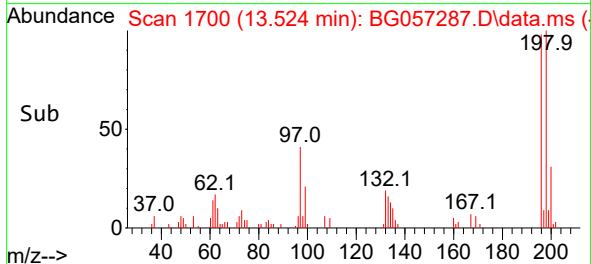
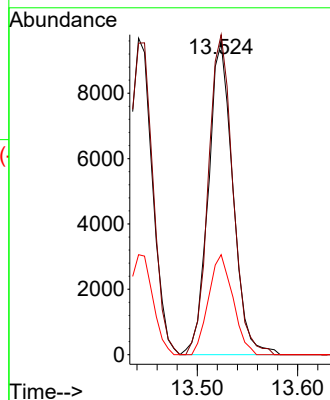
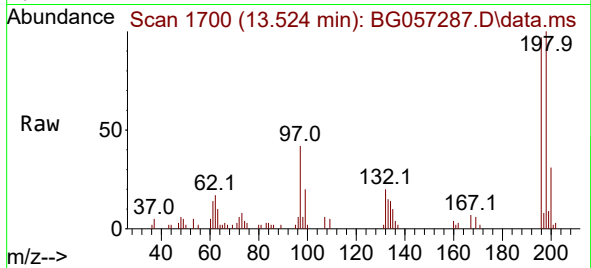




#42
2,4,5-Trichlorophenol
Concen: 18.344 ng/ul
RT: 13.524 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

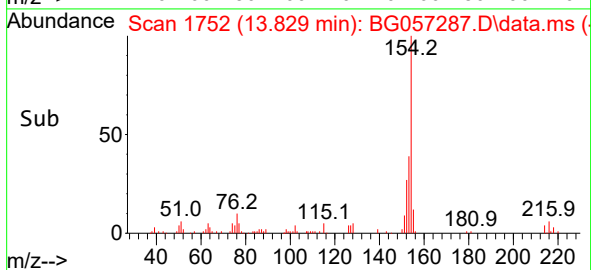
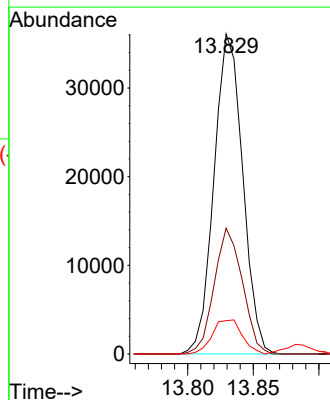
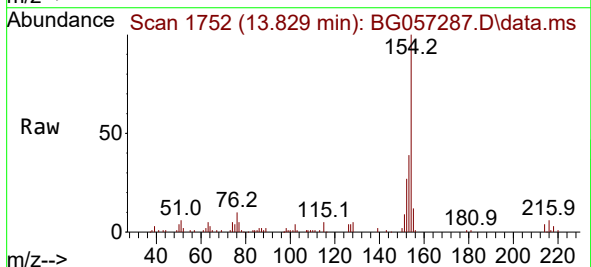
Instrument :
BNA_G
ClientSampleId :
EW925MSD

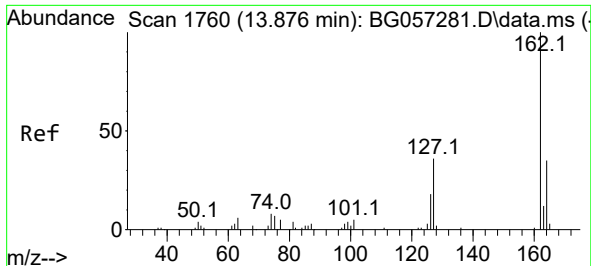
Tgt Ion:196 Resp: 16302
Ion Ratio Lower Upper
196 100
198 102.6 85.7 128.5
200 32.1 29.9 44.9



#43
1,1'-Biphenyl
Concen: 18.388 ng/ul
RT: 13.829 min Scan# 1752
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:154 Resp: 54872
Ion Ratio Lower Upper
154 100
153 39.3 31.6 47.4
76 10.4 8.0 12.0

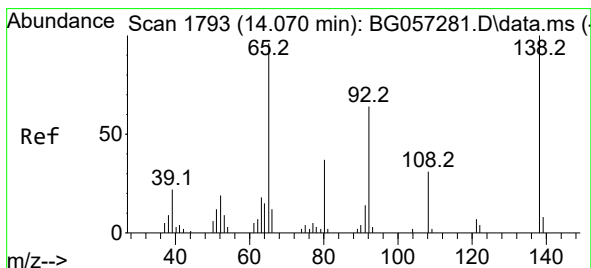
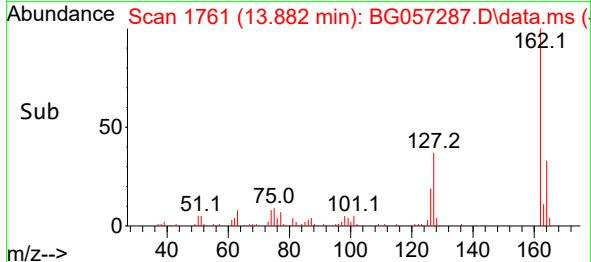
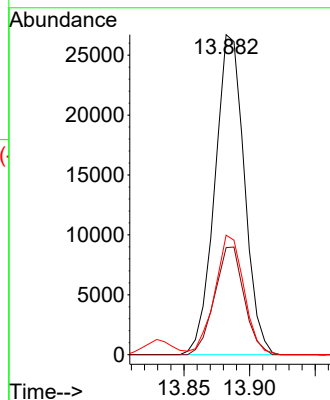
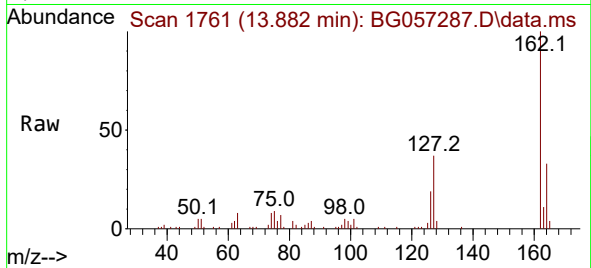




#44
2-Chloronaphthalene
Concen: 18.047 ng/ul
RT: 13.882 min Scan# 1761
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

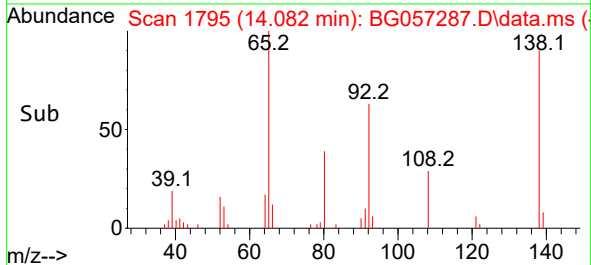
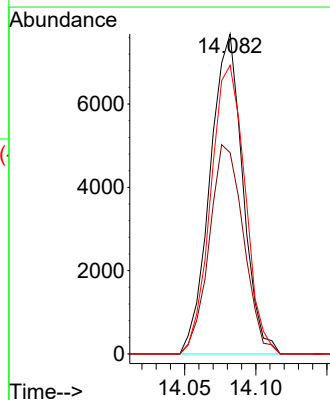
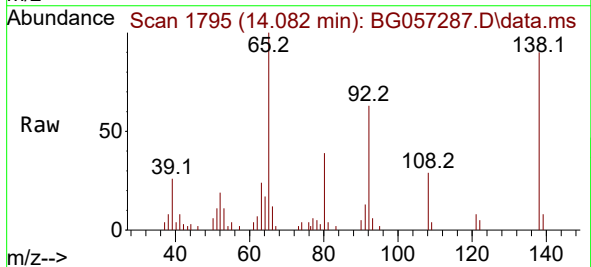
Instrument :
BNA_G
ClientSampleId :
EW925MSD

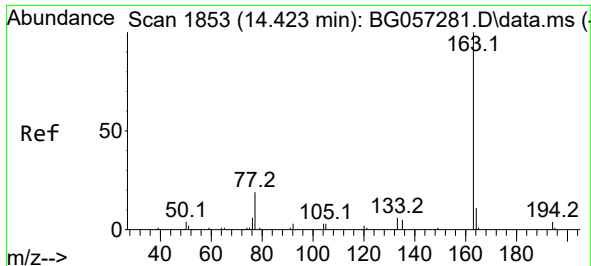
Tgt Ion:162 Resp: 41756
Ion Ratio Lower Upper
162 100
164 33.5 26.2 39.4
127 37.4 29.4 44.2



#45
2-Nitroaniline
Concen: 17.599 ng/ul
RT: 14.082 min Scan# 1795
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion: 65 Resp: 12293
Ion Ratio Lower Upper
65 100
92 62.9 51.8 77.6
138 90.2 71.9 107.9





#47

Dimethylphthalate

Concen: 17.108 ng/ul

RT: 14.428 min Scan# 1854

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

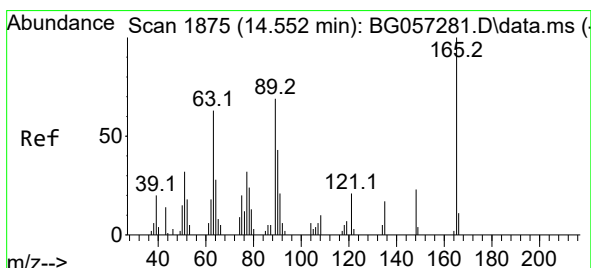
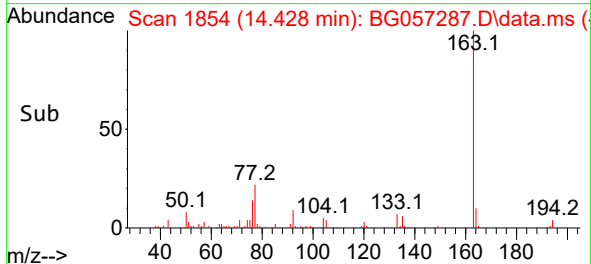
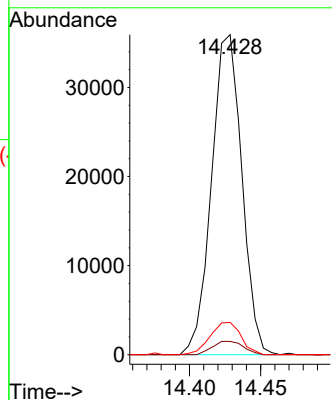
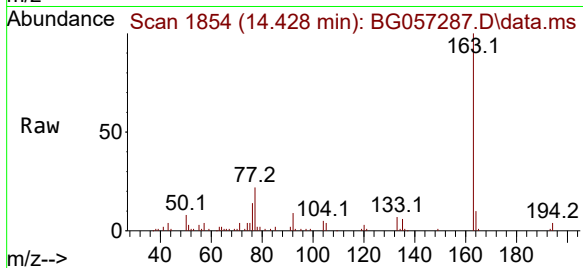
Tgt Ion:163 Resp: 53236

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.1 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 17.373 ng/ul

RT: 14.558 min Scan# 1876

Delta R.T. -0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

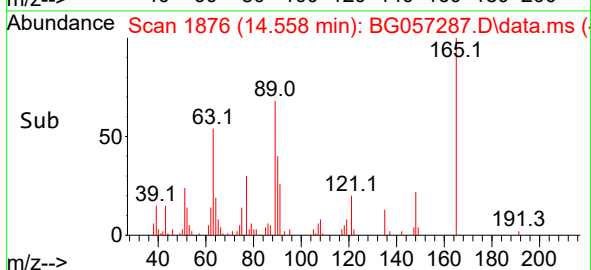
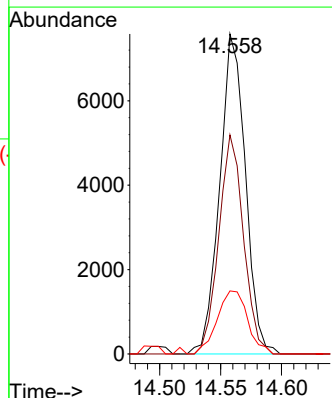
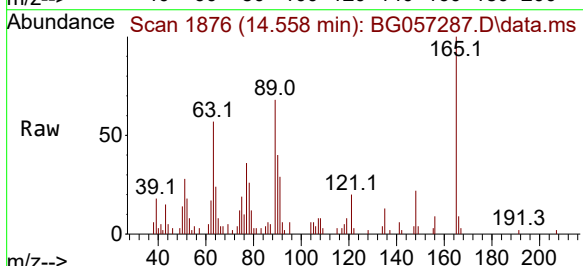
Tgt Ion:165 Resp: 11126

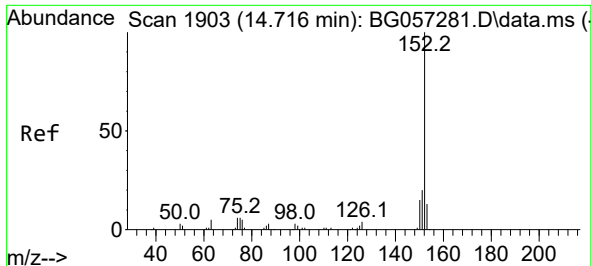
Ion Ratio Lower Upper

165 100

89 68.5 50.6 76.0

121 19.7 16.8 25.2

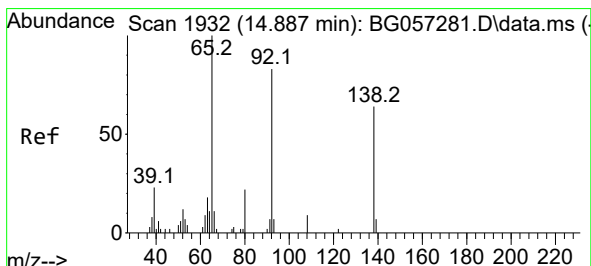
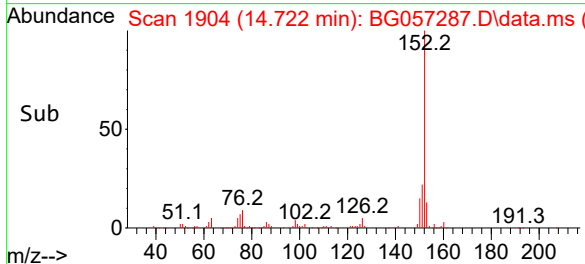
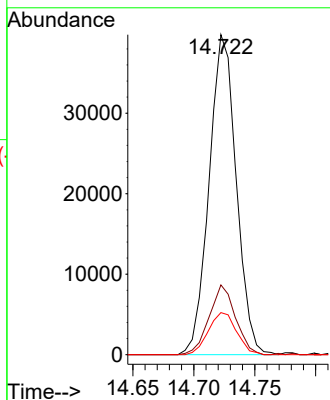
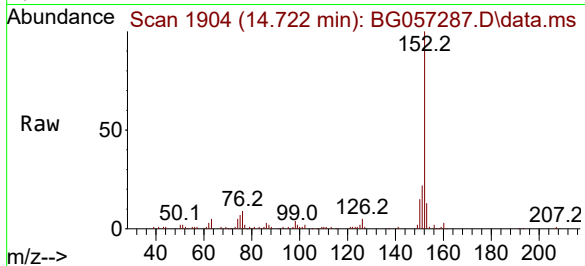




#50
Acenaphthylene
Concen: 17.403 ng/ul
RT: 14.722 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

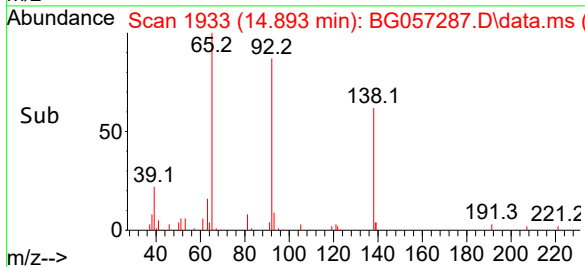
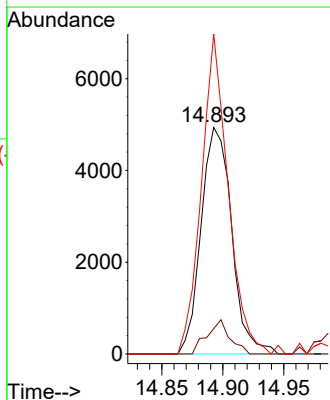
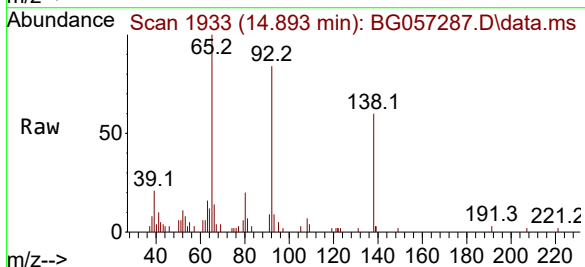
Instrument :
BNA_G
ClientSampleId :
EW925MSD

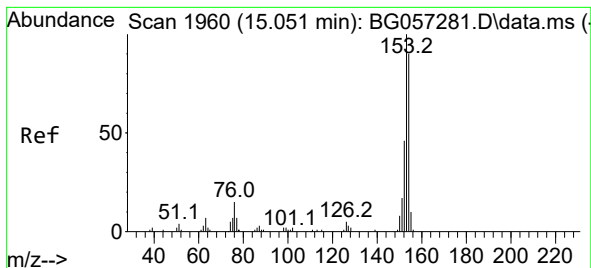
Tgt Ion:152 Resp: 61595
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 13.1 10.1 15.1



#51
3-Nitroaniline
Concen: 19.021 ng/ul
RT: 14.893 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:138 Resp: 8631
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 141.2 99.5 149.3





#52

Acenaphthene

Concen: 17.897 ng/ul

RT: 15.063 min Scan# 1962

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

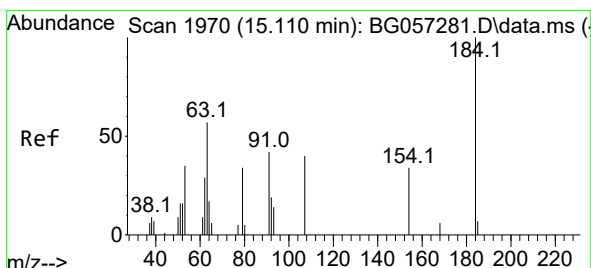
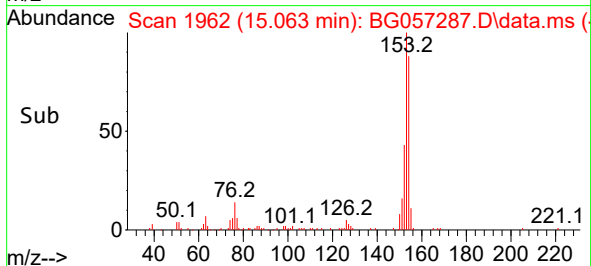
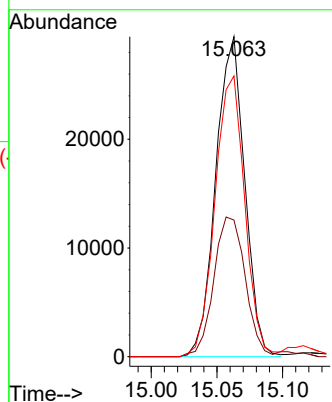
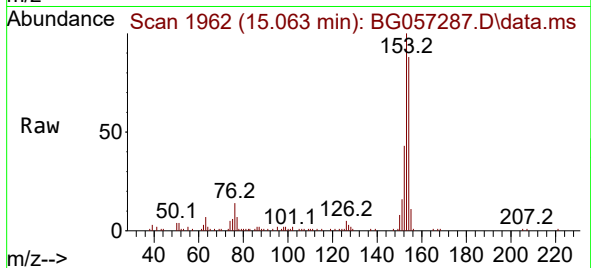
Tgt Ion:153 Resp: 45132

Ion Ratio Lower Upper

153 100

152 42.7 36.5 54.7

154 87.7 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 6.882 ng/ul

RT: 15.110 min Scan# 1970

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

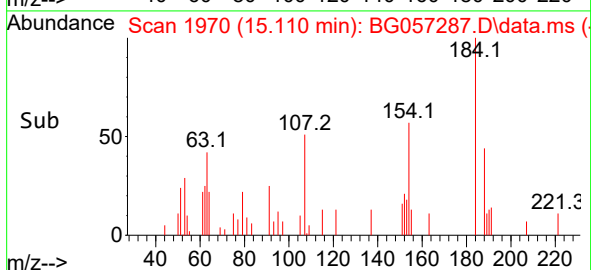
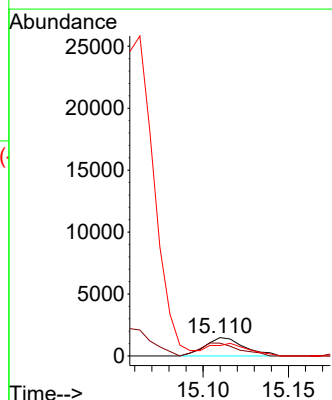
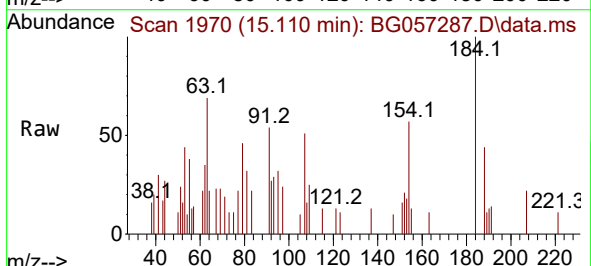
Tgt Ion:184 Resp: 2347

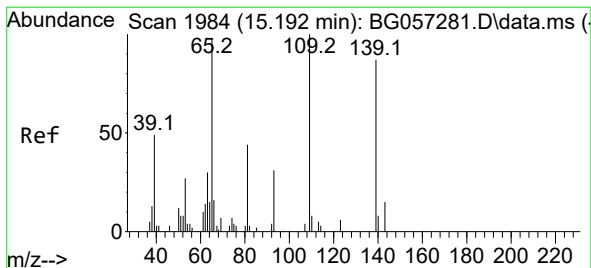
Ion Ratio Lower Upper

184 100

63 69.3 48.3 72.5

154 56.7 50.0 75.0

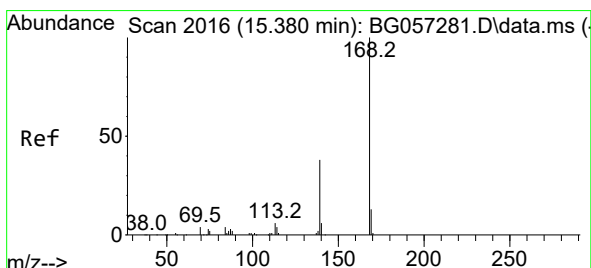
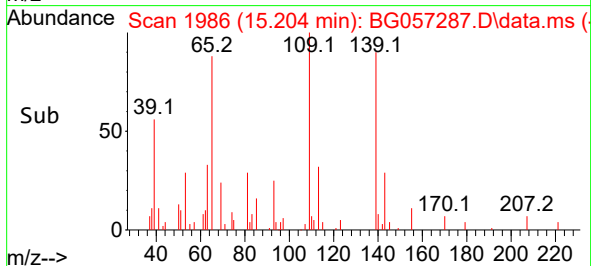
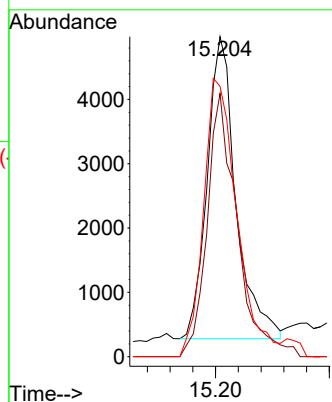
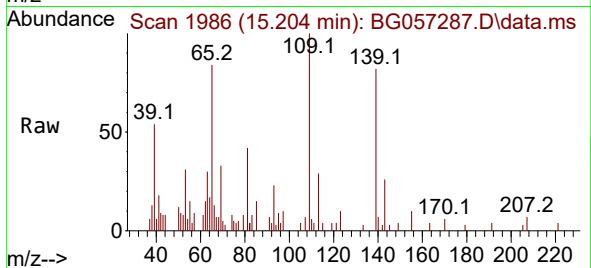




#55
4-Nitrophenol
Concen: 16.203 ng/ul
RT: 15.204 min Scan# 1986
Delta R.T. 0.008 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

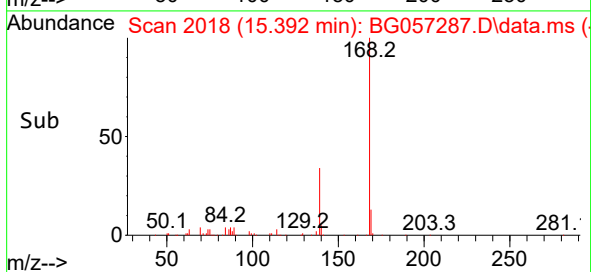
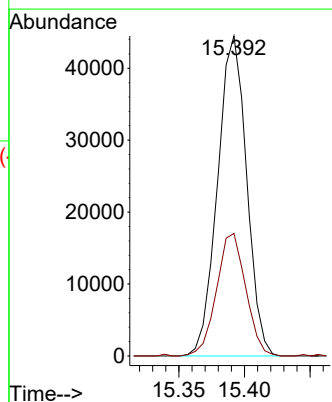
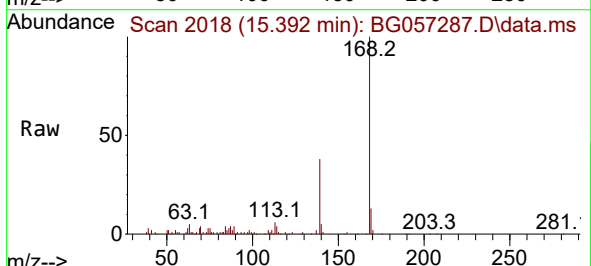
Instrument :
BNA_G
ClientSampleId :
EW925MSD

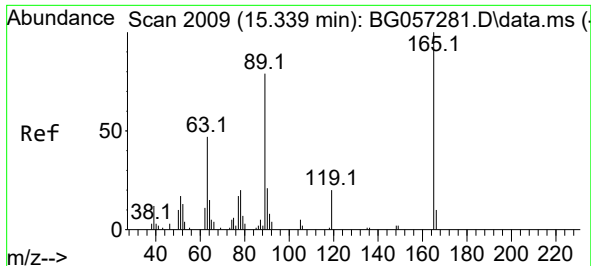
Tgt Ion:109 Resp: 8285
Ion Ratio Lower Upper
109 100
139 82.3 73.8 110.8
65 84.5 81.7 122.5



#56
Dibenzofuran
Concen: 18.772 ng/ul
RT: 15.392 min Scan# 2018
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:168 Resp: 68359
Ion Ratio Lower Upper
168 100
139 38.3 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 17.566 ng/ul

RT: 15.351 min Scan# 2011

Delta R.T. 0.008 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

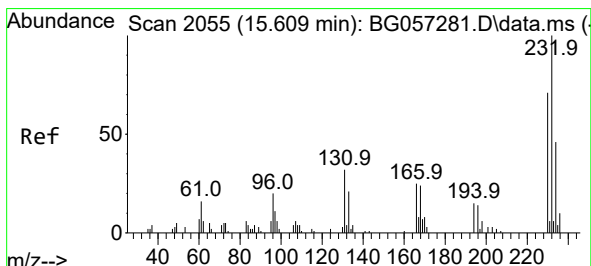
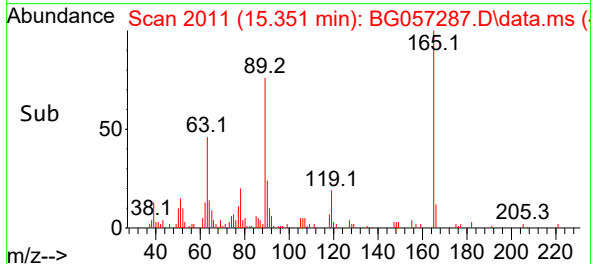
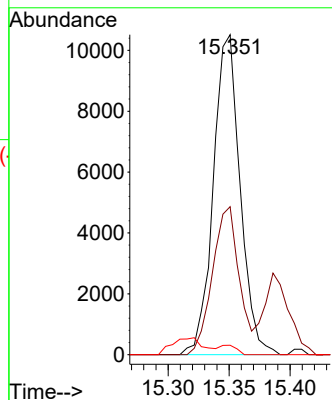
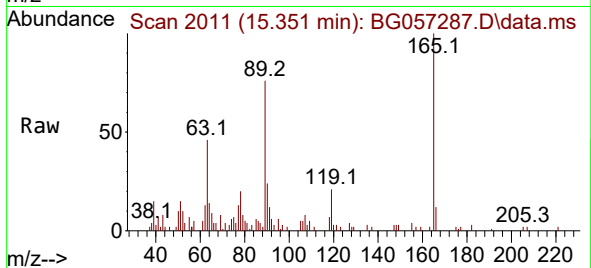
Tgt Ion:165 Resp: 16104

Ion Ratio Lower Upper

165 100

63 46.2 35.9 53.9

182 3.0 1.9 2.9#



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.302 ng/ul

RT: 15.615 min Scan# 2056

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Tgt Ion:232 Resp: 14779

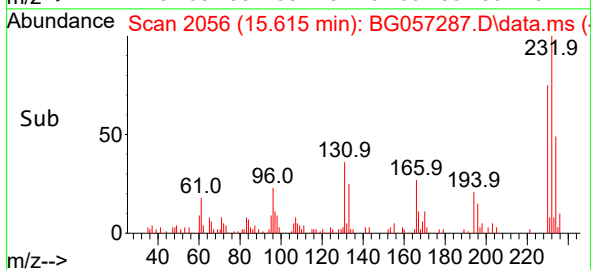
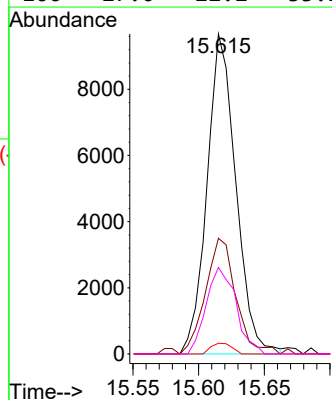
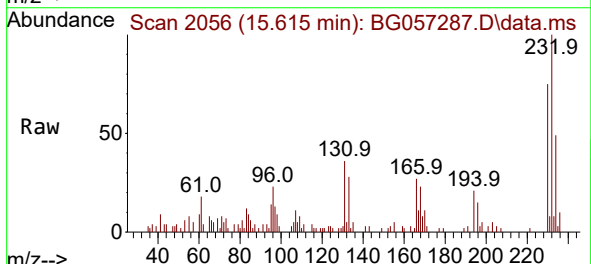
Ion Ratio Lower Upper

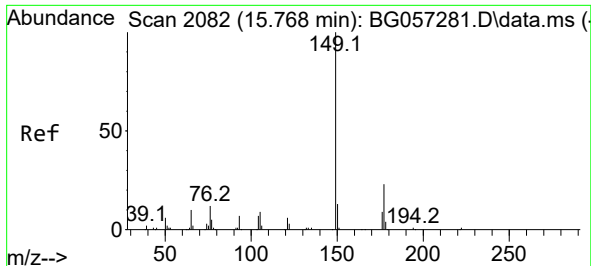
232 100

131 36.1 28.6 43.0

130 3.3 1.8 2.6#

166 27.0 22.2 33.2

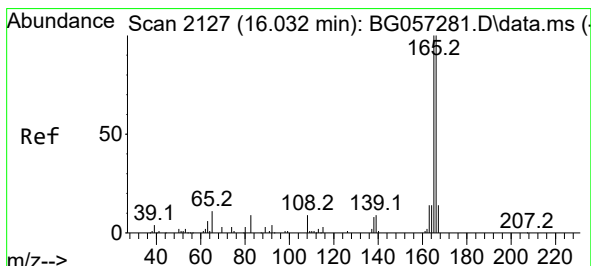
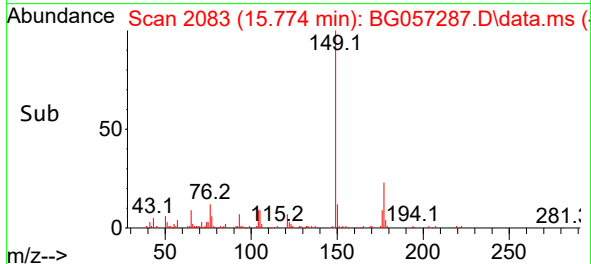
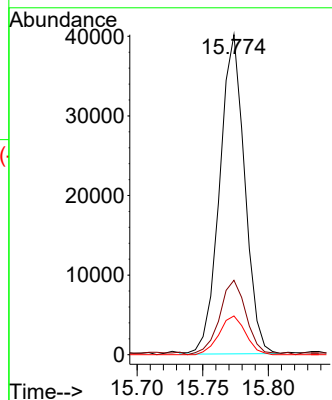
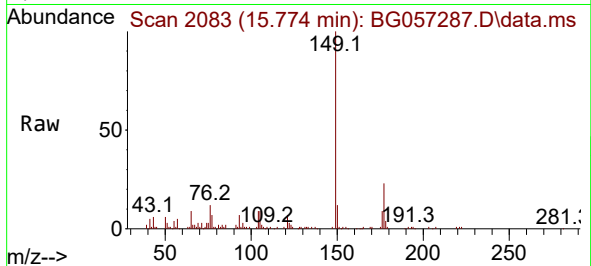




#59
Diethylphthalate
Concen: 16.790 ng/ul
RT: 15.774 min Scan# 2083
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

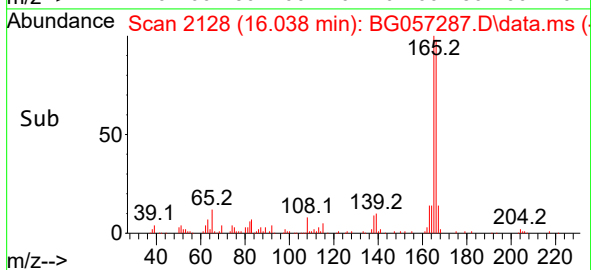
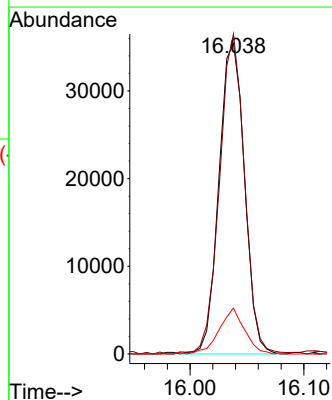
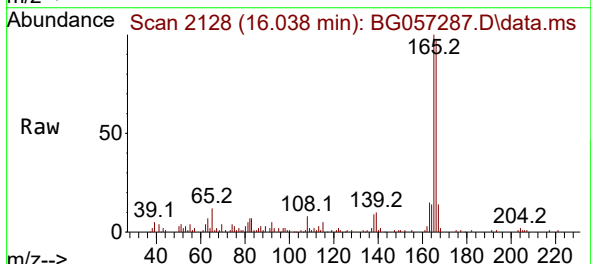
Instrument :
BNA_G
ClientSampleId :
EW925MSD

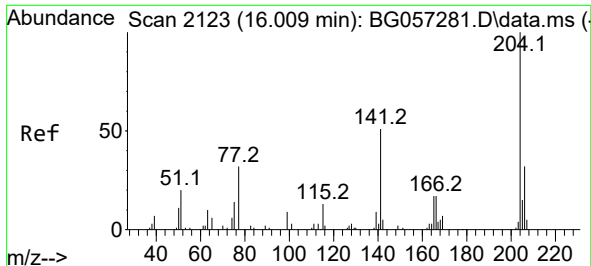
Tgt Ion:149 Resp: 53082
Ion Ratio Lower Upper
149 100
177 23.2 18.6 28.0
150 12.1 9.8 14.8



#61
Fluorene
Concen: 18.001 ng/ul
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:166 Resp: 55429
Ion Ratio Lower Upper
166 100
165 103.0 80.1 120.1
167 14.8 10.2 15.4





#62

4-Chlorophenyl-phenylether

Concen: 17.221 ng/ul

RT: 16.015 min Scan# 2123

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

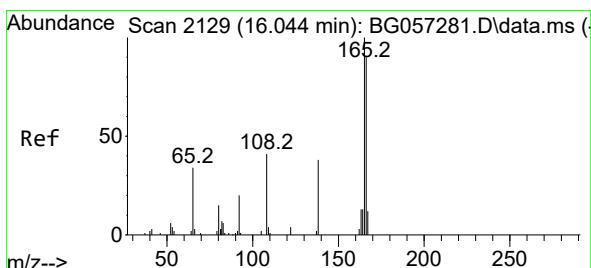
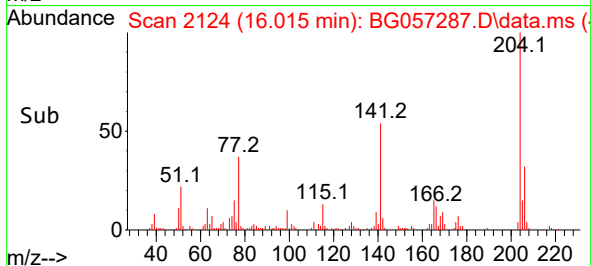
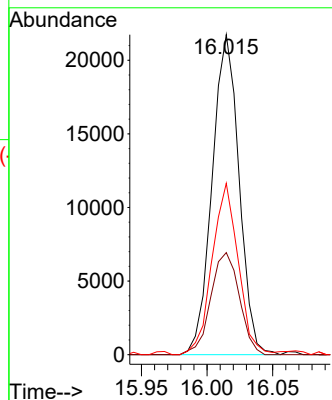
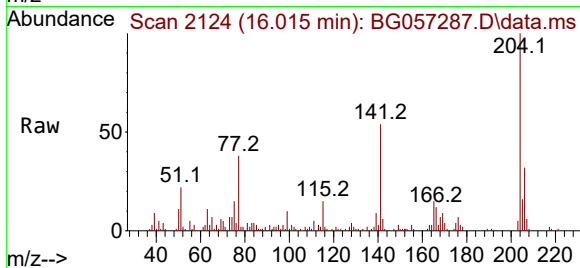
Tgt Ion:204 Resp: 30950

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

141 53.5 41.5 62.3



#63

4-Nitroaniline

Concen: 22.950 ng/ul

RT: 16.050 min Scan# 2130

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

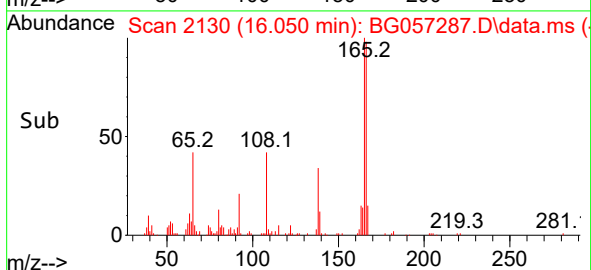
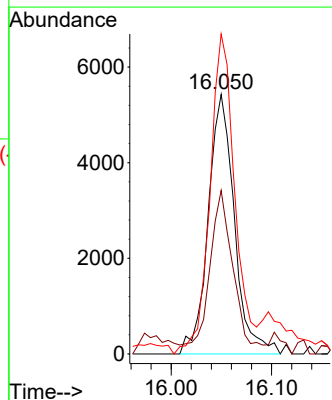
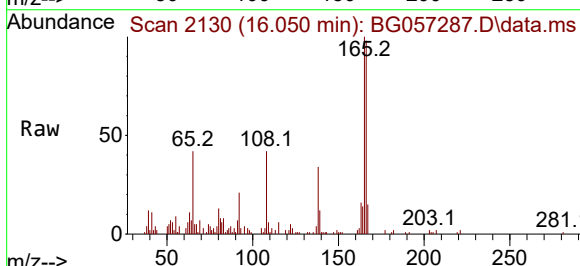
Tgt Ion:138 Resp: 9862

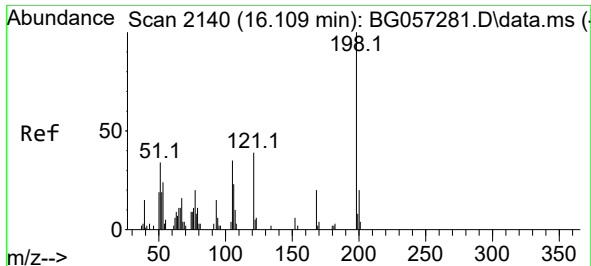
Ion Ratio Lower Upper

138 100

92 63.0 39.9 59.9#

108 123.3 89.1 133.7

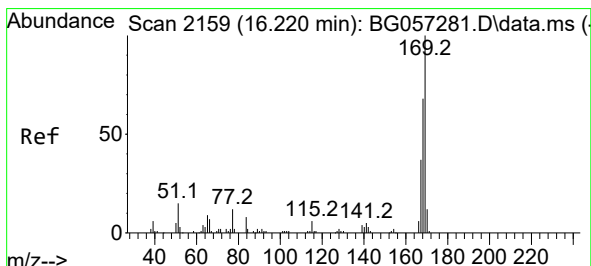
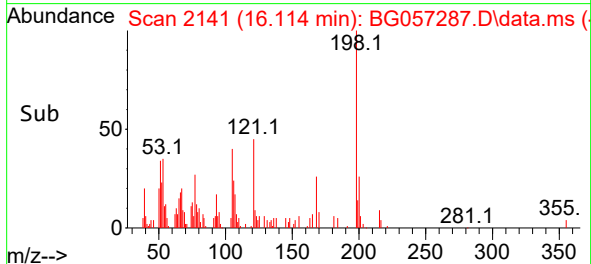
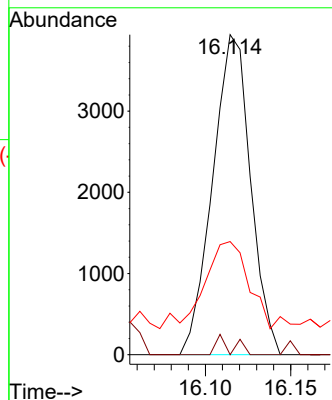
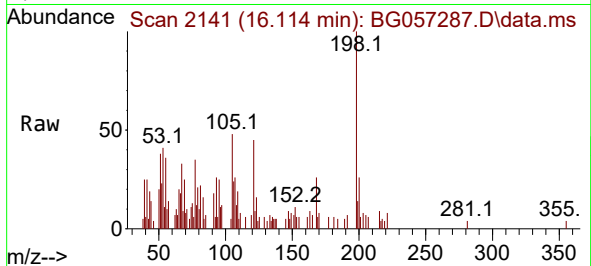




#66
4,6-Dinitro-2-methylphenol
Concen: 11.791 ng/ul
RT: 16.114 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

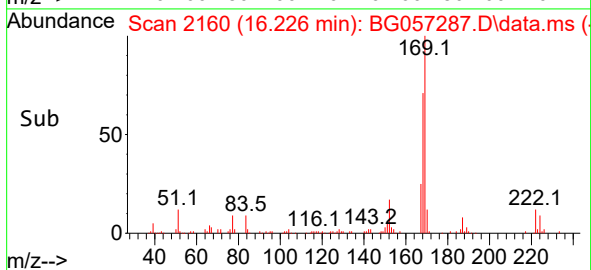
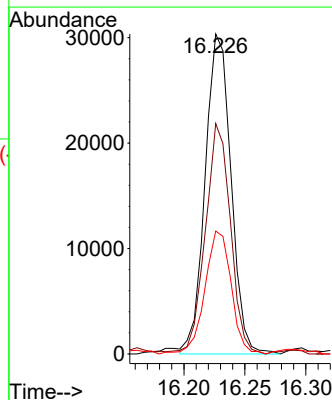
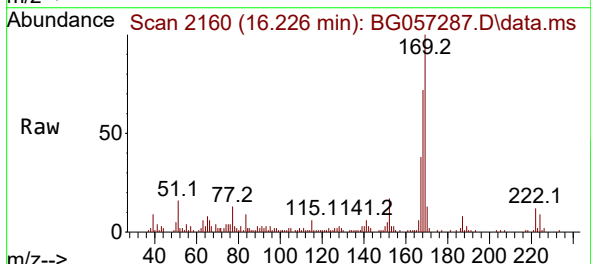
Instrument :
BNA_G
ClientSampleId :
EW925MSD

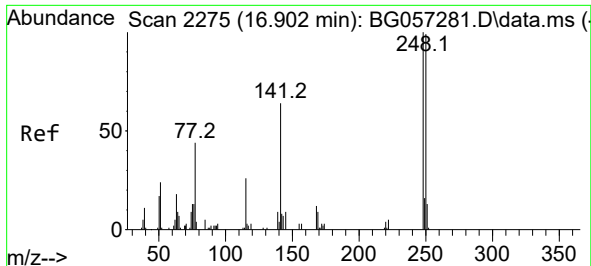
Tgt Ion:198 Resp: 6097
Ion Ratio Lower Upper
198 100
182 0.0 3.0 4.6#
77 35.3 20.1 30.1#



#67
N-Nitrosodiphenylamine
Concen: 19.990 ng/ul
RT: 16.226 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:169 Resp: 44721
Ion Ratio Lower Upper
169 100
168 72.0 55.4 83.2
167 38.4 31.0 46.4

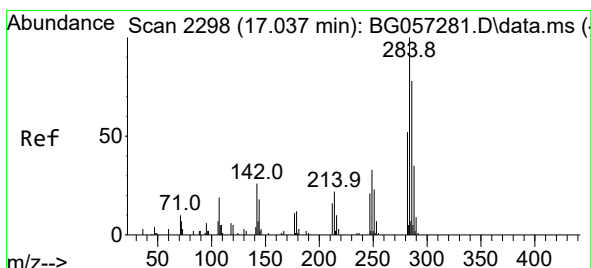
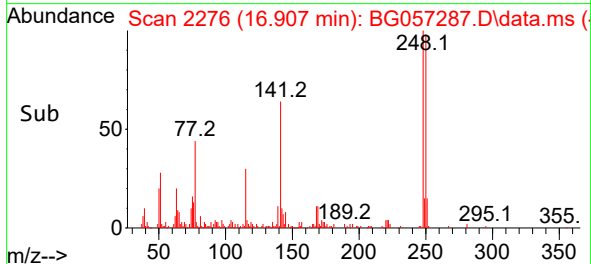
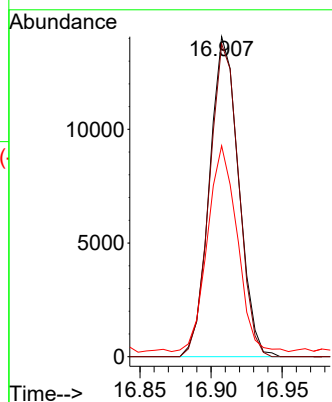
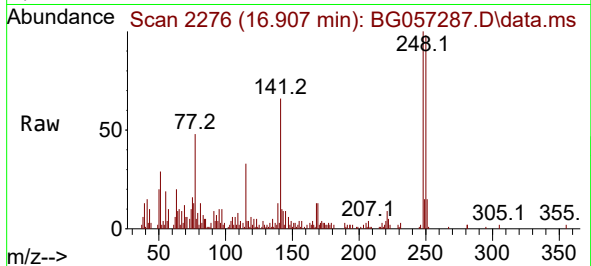




#68
4-Bromophenyl-phenylether
Concen: 19.609 ng/ul
RT: 16.907 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

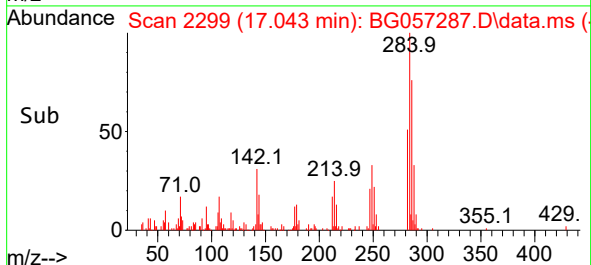
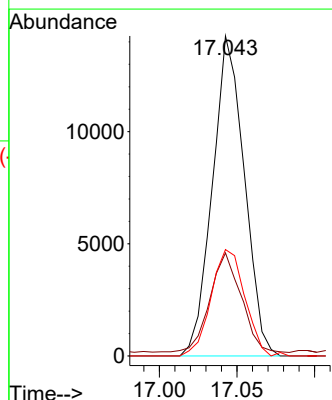
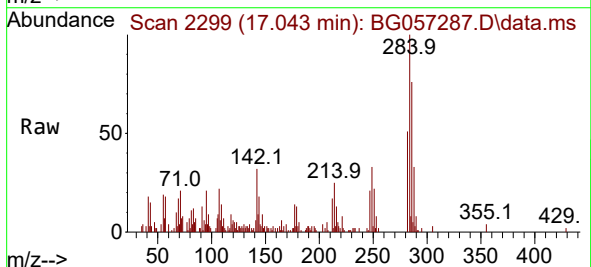
Instrument :
BNA_G
ClientSampleId :
EW925MSD

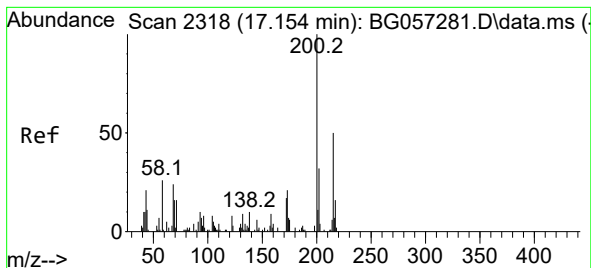
Tgt Ion:248 Resp: 20073
Ion Ratio Lower Upper
248 100
250 97.8 74.8 112.2
141 65.9 47.8 71.6



#69
Hexachlorobenzene
Concen: 18.890 ng/ul
RT: 17.043 min Scan# 2299
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:284 Resp: 20362
Ion Ratio Lower Upper
284 100
142 32.2 22.6 33.8
249 33.3 26.2 39.2





#70

Atrazine

Concen: 19.206 ng/ul

RT: 17.160 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

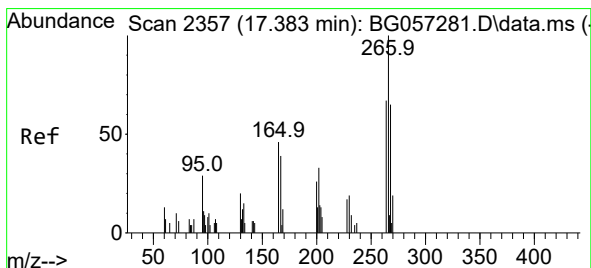
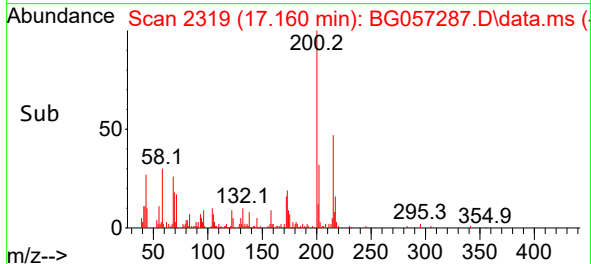
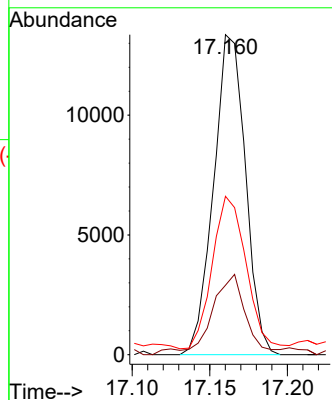
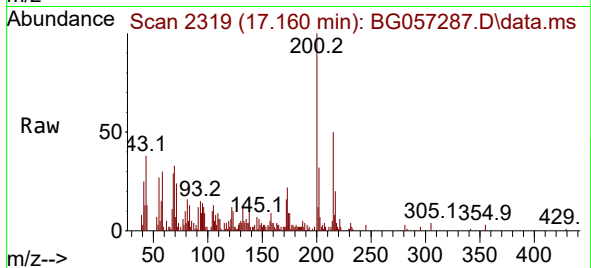
Tgt Ion:200 Resp: 19096

Ion Ratio Lower Upper

200 100

173 21.7 17.8 26.6

215 49.5 40.3 60.5



#71

Pentachlorophenol

Concen: 10.974 ng/ul

RT: 17.389 min Scan# 2358

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

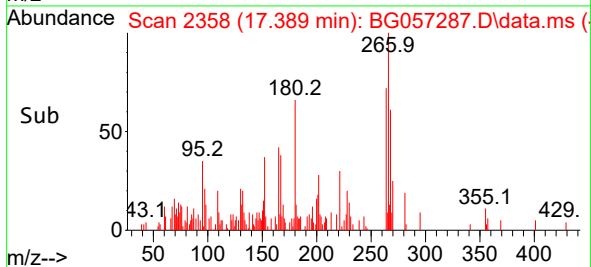
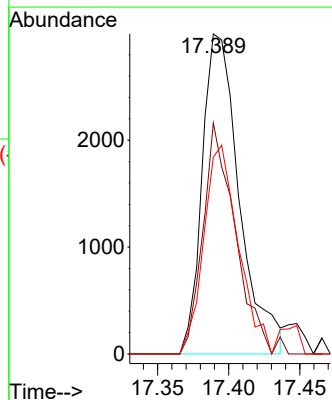
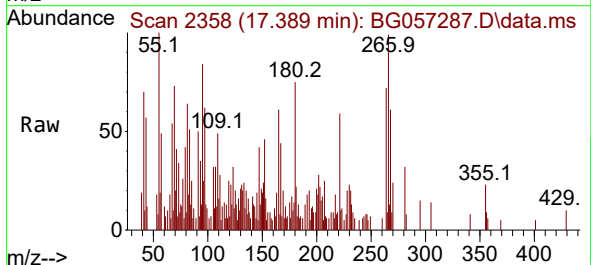
Tgt Ion:266 Resp: 5468

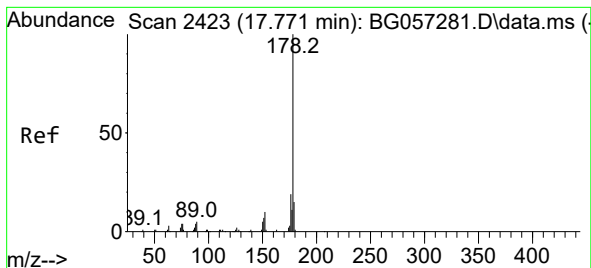
Ion Ratio Lower Upper

266 100

264 72.2 47.8 71.6#

268 61.5 48.2 72.4





#72

Phenanthrene

Concen: 28.163 ng/ul

RT: 17.783 min Scan# 2423

Delta R.T. 0.008 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

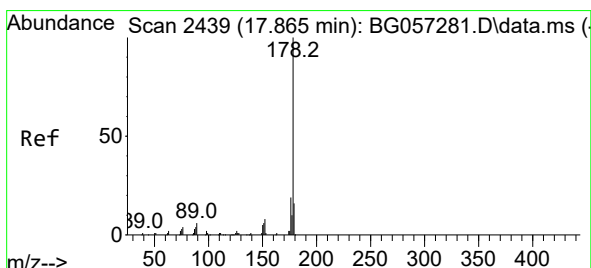
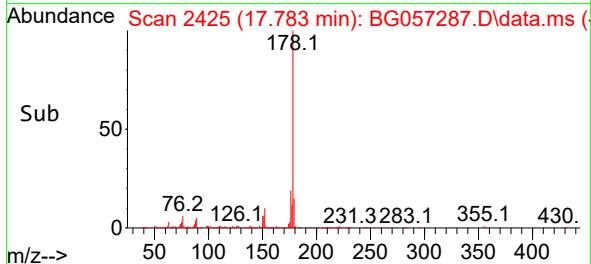
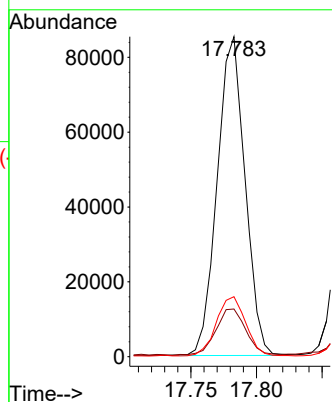
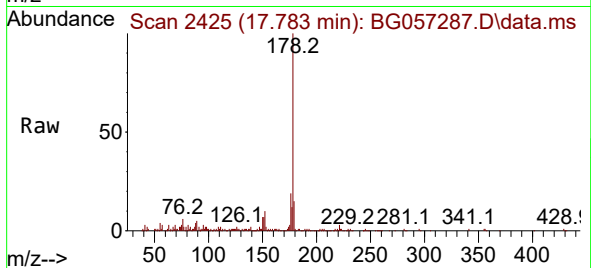
Tgt Ion:178 Resp: 125604

Ion Ratio Lower Upper

178 100

179 14.9 11.8 17.8

176 18.8 15.4 23.0



#74

Anthracene

Concen: 20.015 ng/ul

RT: 17.871 min Scan# 2440

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

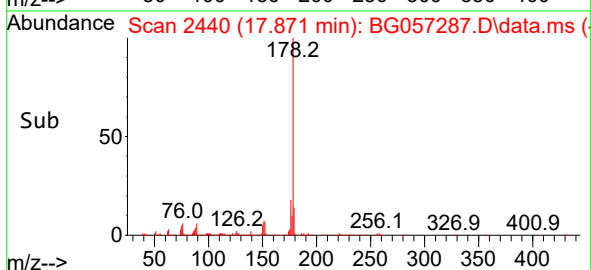
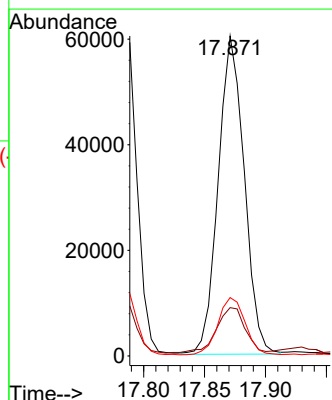
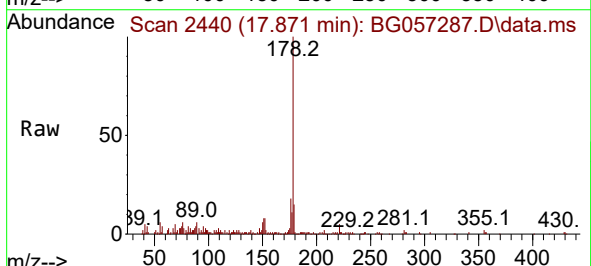
Tgt Ion:178 Resp: 89668

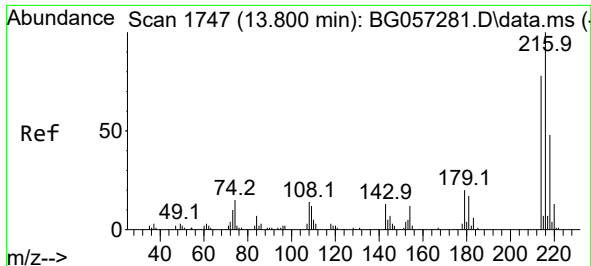
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.3 14.7 22.1

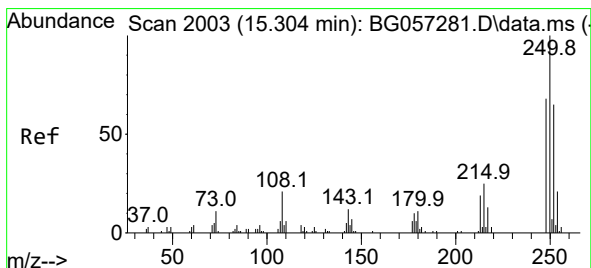
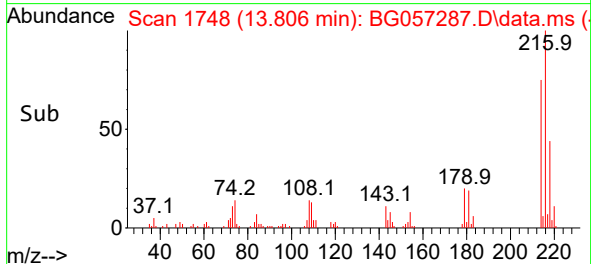
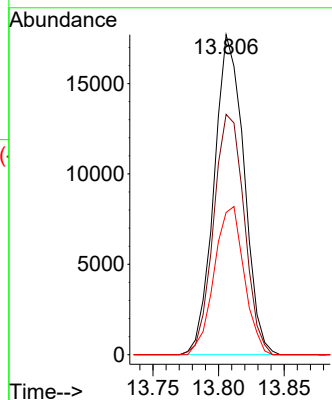
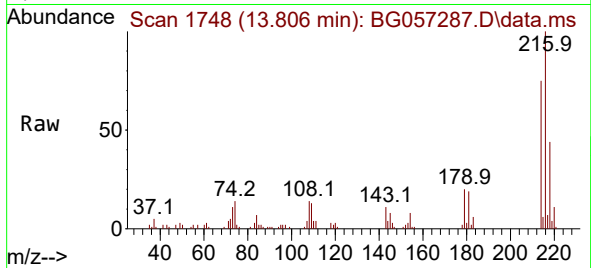




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.743 ng/uL
RT: 13.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

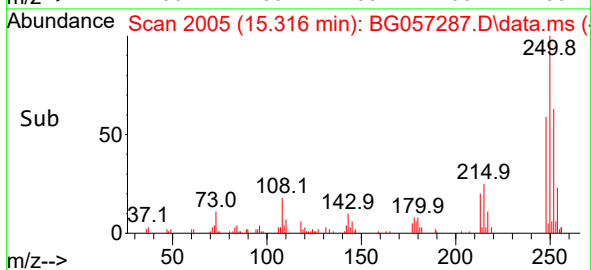
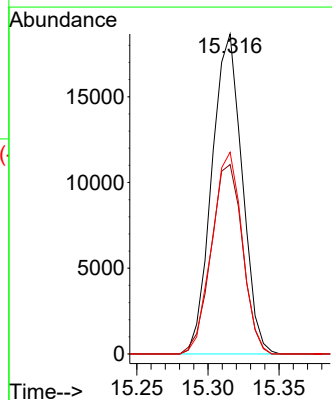
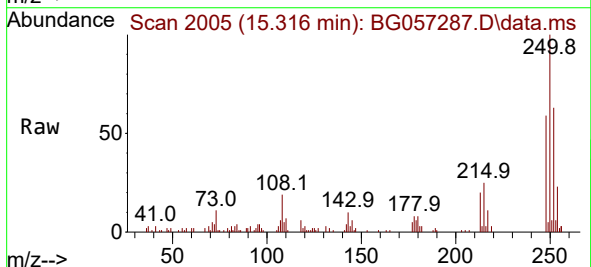
Instrument :
BNA_G
ClientSampleId :
EW925MSD

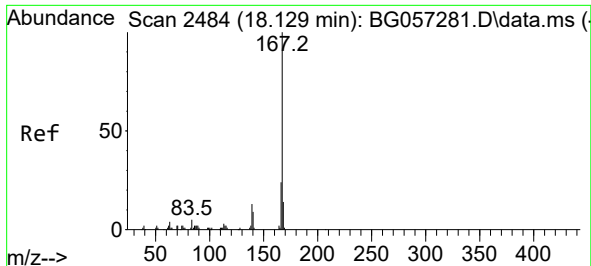
Tgt Ion:216 Resp: 28008
Ion Ratio Lower Upper
216 100
214 75.1 64.3 96.5
218 44.4 38.5 57.7



#76
Pentachlorobenzene
Concen: 21.094 ng/uL
RT: 15.316 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:250 Resp: 27658
Ion Ratio Lower Upper
250 100
248 59.2 52.2 78.2
252 63.0 52.5 78.7

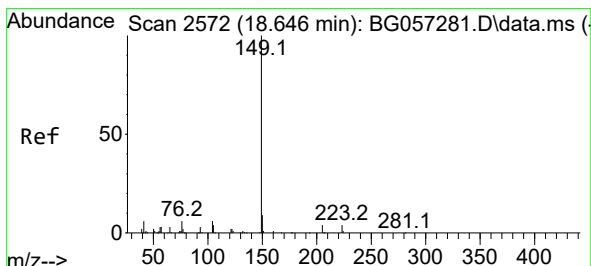
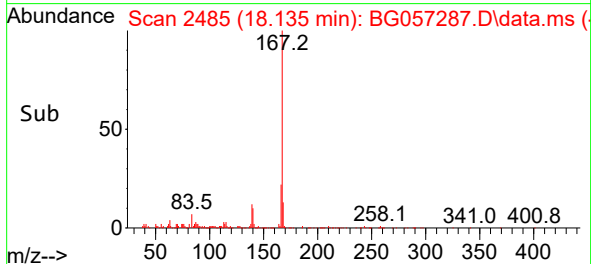
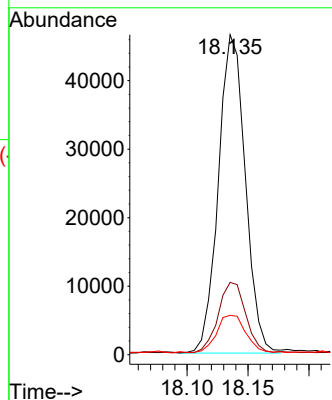
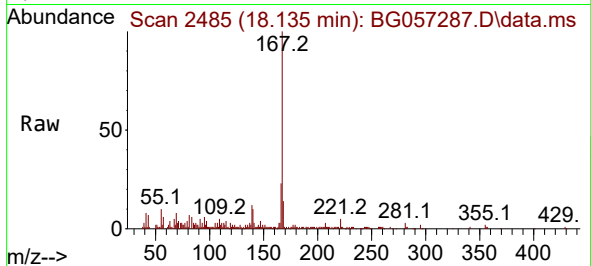




#77
Carbazole
Concen: 19.112 ng/ul
RT: 18.135 min Scan# 2484
Delta R.T. 0.003 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

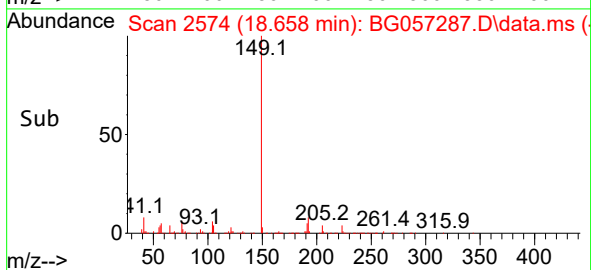
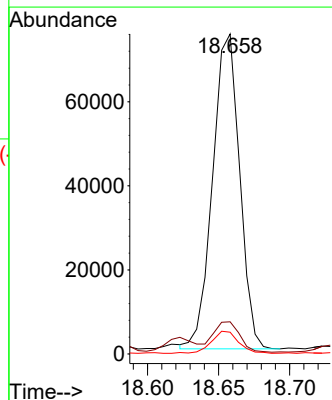
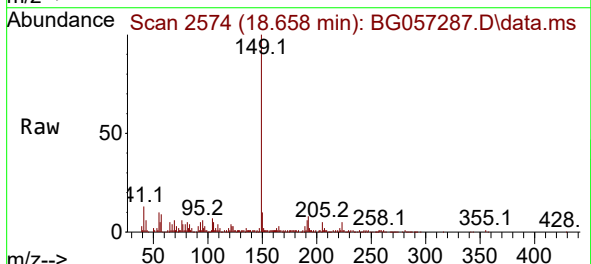
Instrument :
BNA_G
ClientSampleId :
EW925MSD

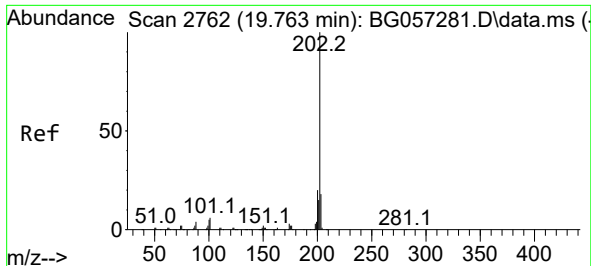
Tgt Ion:167 Resp: 71555
Ion Ratio Lower Upper
167 100
166 22.6 18.0 27.0
139 12.3 10.3 15.5



#78
Di-n-butylphthalate
Concen: 23.130 ng/ul
RT: 18.658 min Scan# 2574
Delta R.T. 0.008 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:149 Resp: 99026
Ion Ratio Lower Upper
149 100
150 10.1 7.3 10.9
104 6.8 5.0 7.6

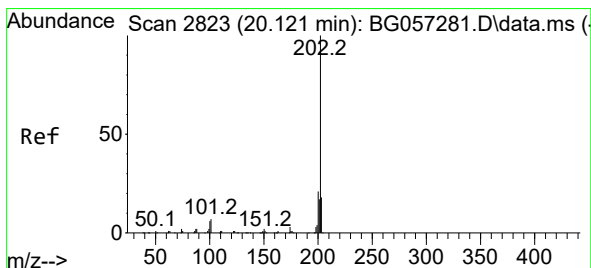
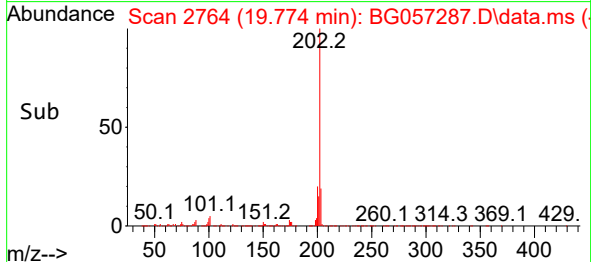
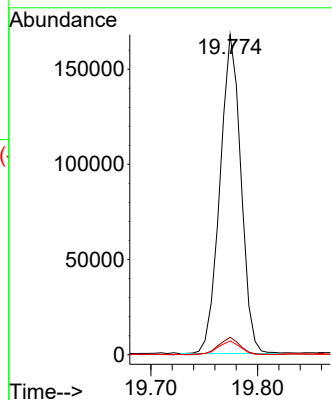
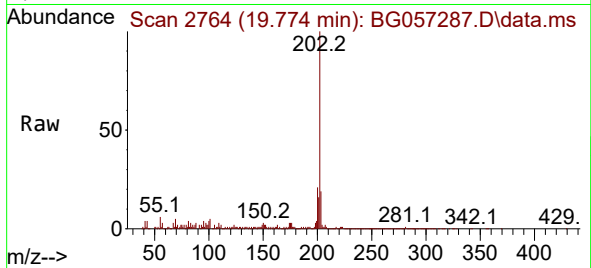




#80
Fluoranthene
Concen: 44.653 ng/ul
RT: 19.774 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

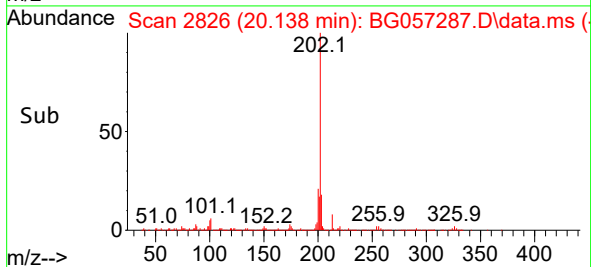
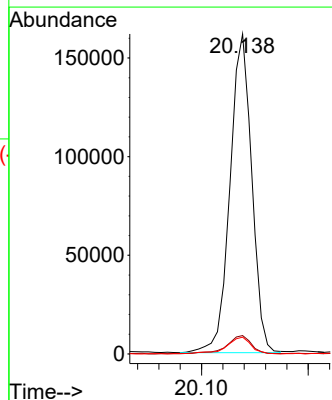
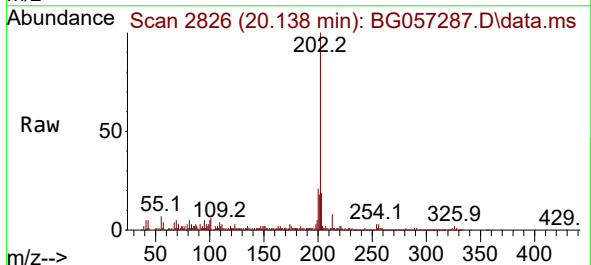
Instrument :
BNA_G
ClientSampleId :
EW925MSD

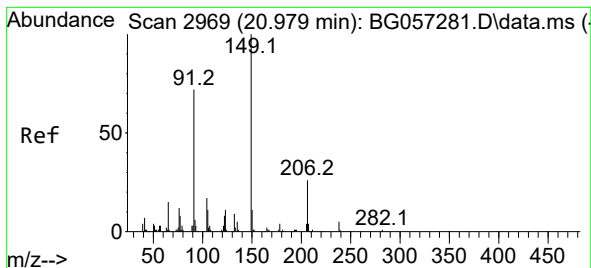
Tgt Ion:202 Resp: 228471
Ion Ratio Lower Upper
202 100
101 5.5 5.8 8.6#
100 4.3 4.6 7.0#



#82
Pyrene
Concen: 44.091 ng/ul
RT: 20.138 min Scan# 2826
Delta R.T. 0.014 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:202 Resp: 228381
Ion Ratio Lower Upper
202 100
101 5.7 5.7 8.5
100 5.3 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 36.556 ng/ul

RT: 20.984 min Scan# 2969

Delta R.T. 0.003 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

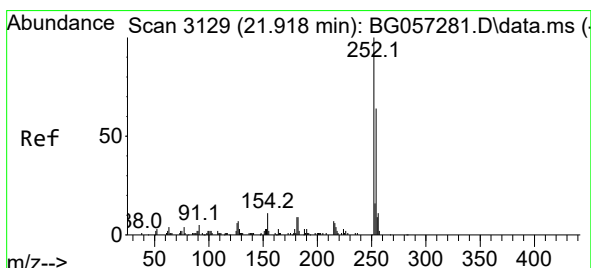
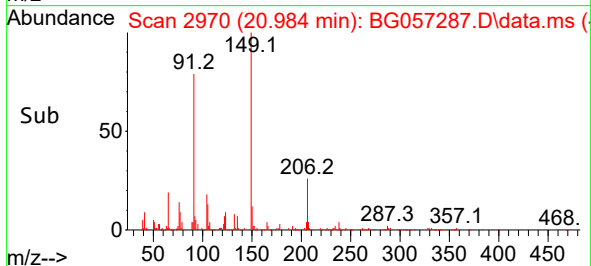
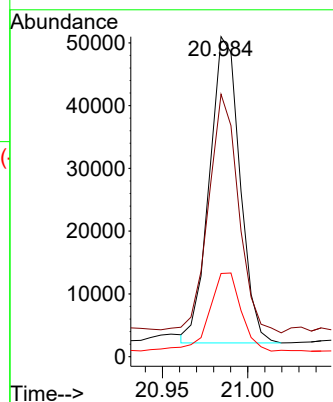
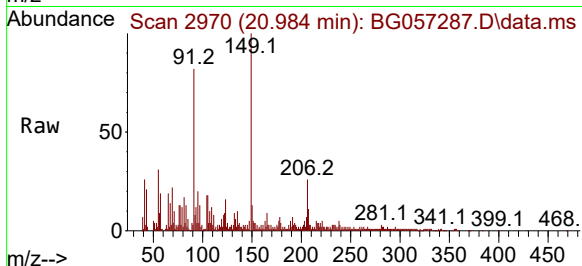
Tgt Ion:149 Resp: 60639

Ion Ratio Lower Upper

149 100

91 82.0 58.6 87.8

206 26.0 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 9.883 ng/ul

RT: 21.936 min Scan# 3132

Delta R.T. 0.014 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

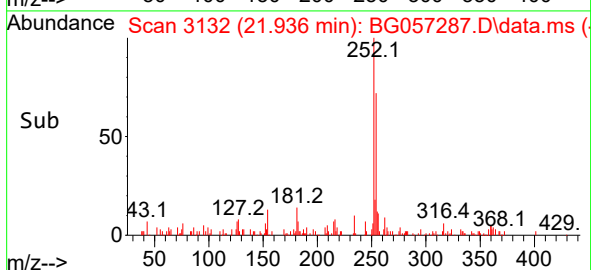
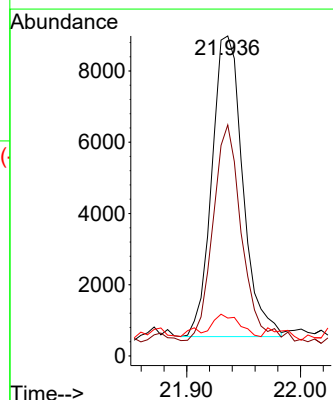
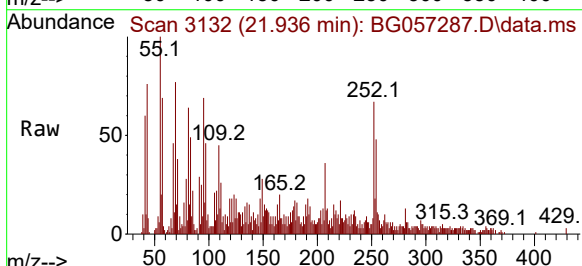
Tgt Ion:252 Resp: 15928

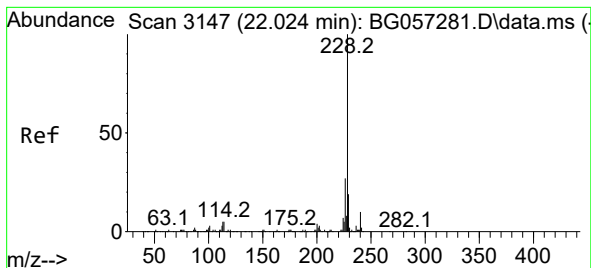
Ion Ratio Lower Upper

252 100

254 72.2 53.7 80.5

126 11.8 5.2 7.8#





#85

Benzo(a)anthracene

Concen: 40.431 ng/ul

RT: 22.042 min Scan# 3150

Delta R.T. 0.014 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

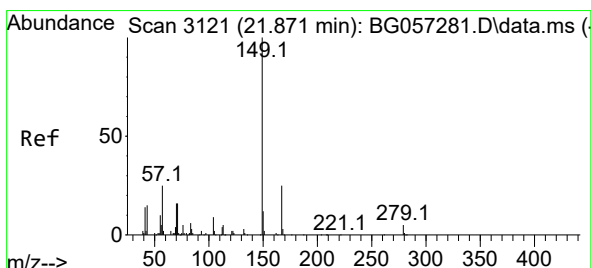
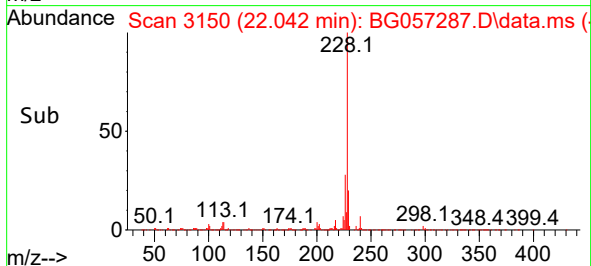
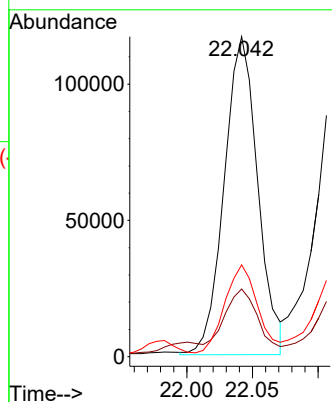
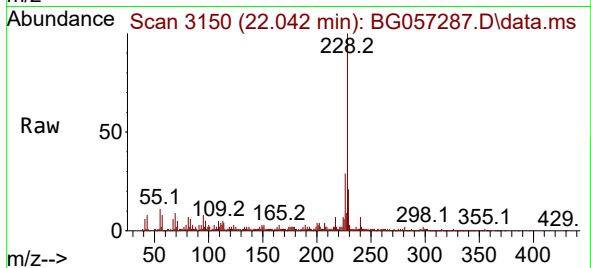
Tgt Ion:228 Resp: 207505

Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

226 28.7 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 130.386 ng/ul

RT: 21.883 min Scan# 3123

Delta R.T. 0.008 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

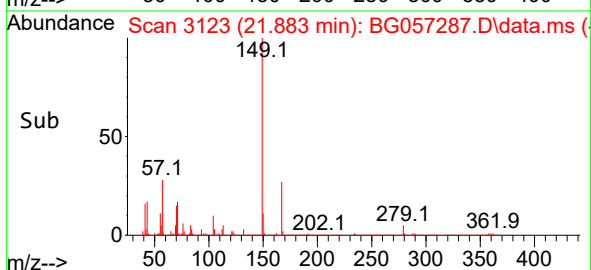
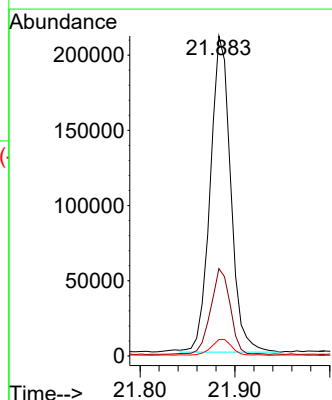
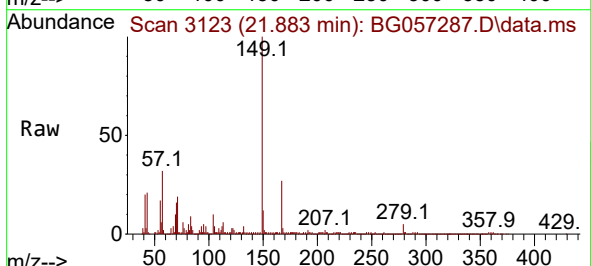
Tgt Ion:149 Resp: 314564

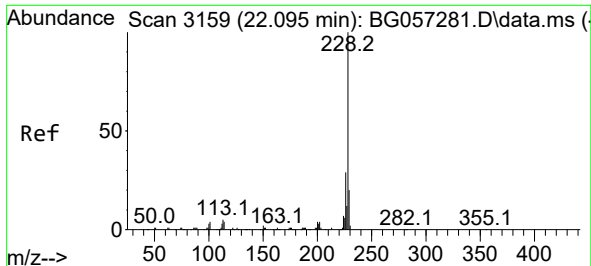
Ion Ratio Lower Upper

149 100

167 27.3 23.0 34.6

279 5.1 3.6 5.4

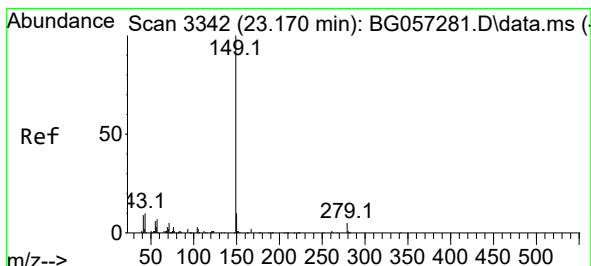
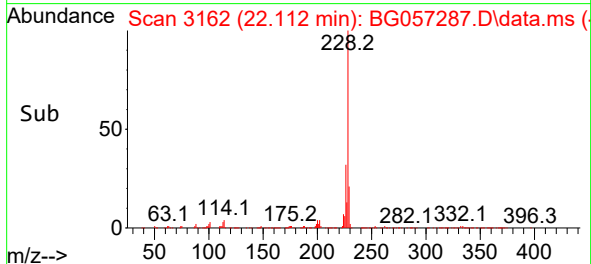
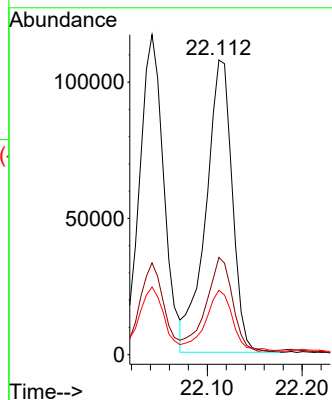
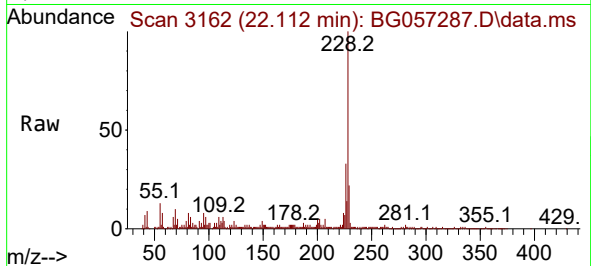




#87
Chrysene
Concen: 42.813 ng/ul
RT: 22.112 min Scan# 3159
Delta R.T. 0.014 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

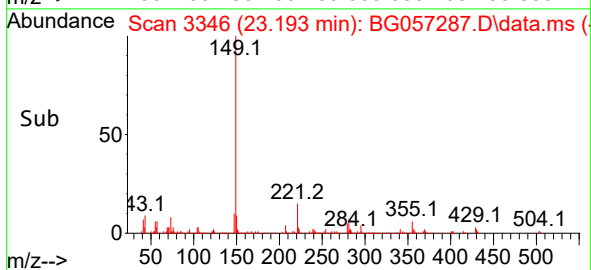
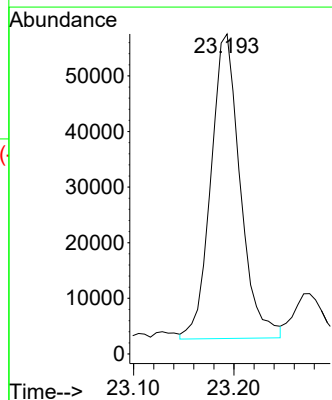
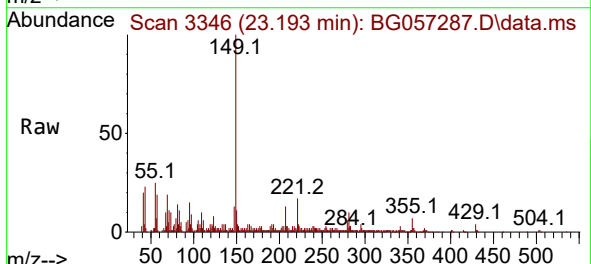
Instrument :
BNA_G
ClientSampleId :
EW925MSD

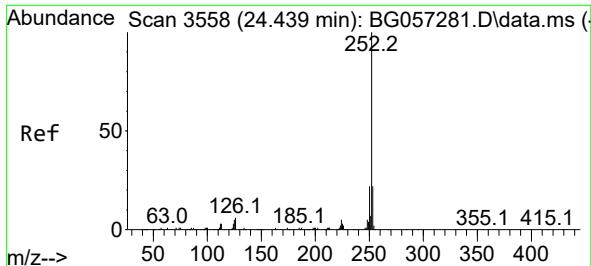
Tgt Ion:228 Resp: 207305
Ion Ratio Lower Upper
228 100
226 33.0 22.8 34.2
229 21.8 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 25.821 ng/ul
RT: 23.193 min Scan# 3346
Delta R.T. 0.014 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:149 Resp: 111343

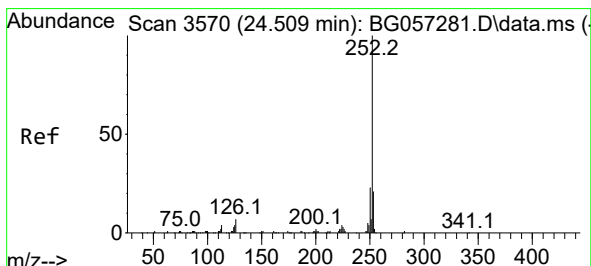
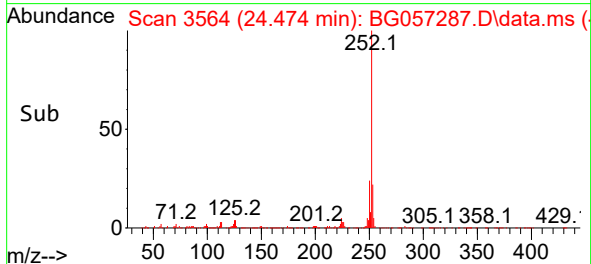
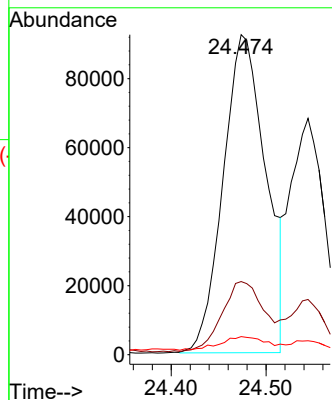
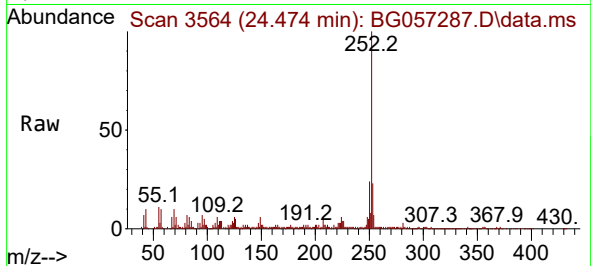




#90
Benzo(b)fluoranthene
Concen: 53.295 ng/ul
RT: 24.474 min Scan# 3558
Delta R.T. 0.038 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

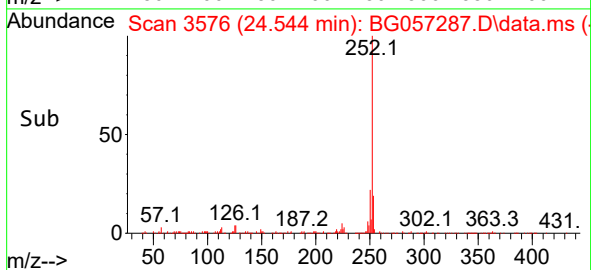
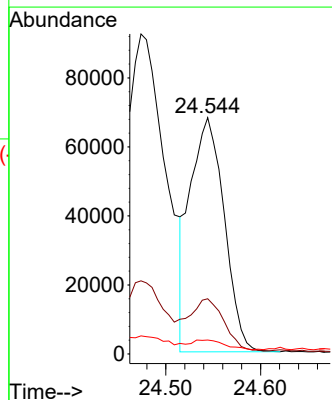
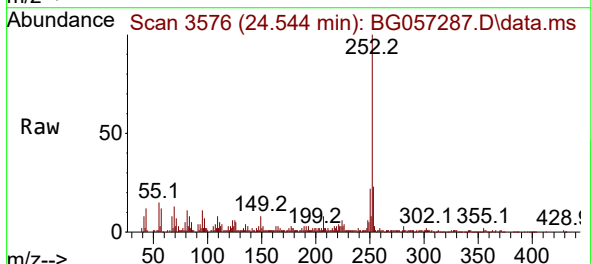
Instrument :
BNA_G
ClientSampleId :
EW925MSD

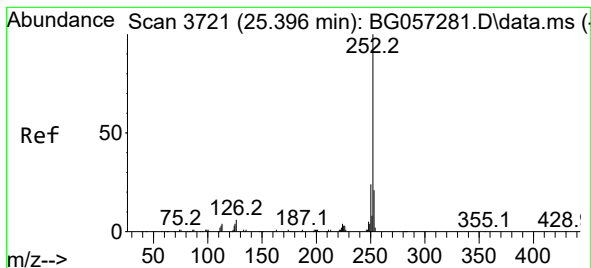
Tgt Ion:252 Resp: 288185
Ion Ratio Lower Upper
252 100
253 22.8 16.7 25.1
125 5.6 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 32.119 ng/ul
RT: 24.544 min Scan# 3576
Delta R.T. 0.032 min
Lab File: BG057287.D
Acq: 3 May 2023 15:14

Tgt Ion:252 Resp: 168970
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 5.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 47.320 ng/ul

RT: 25.443 min Scan# 31

Delta R.T. 0.044 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

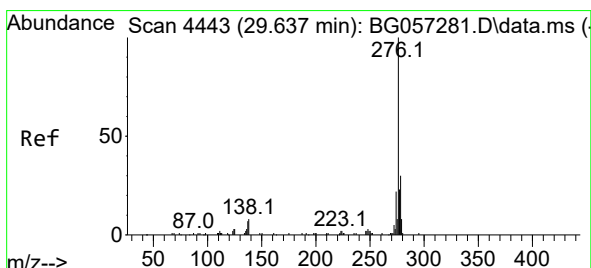
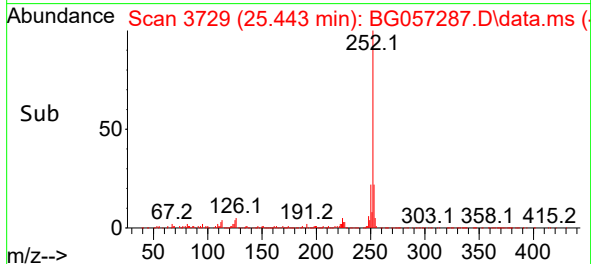
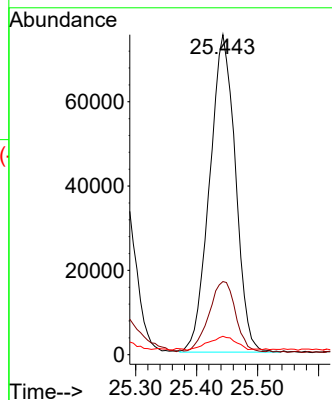
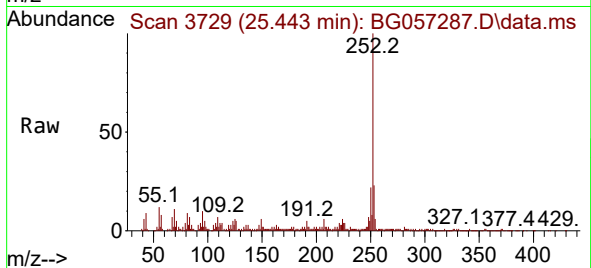
Tgt Ion:252 Resp: 220907

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 5.7 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.573 ng/ul

RT: 29.702 min Scan# 4454

Delta R.T. 0.079 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

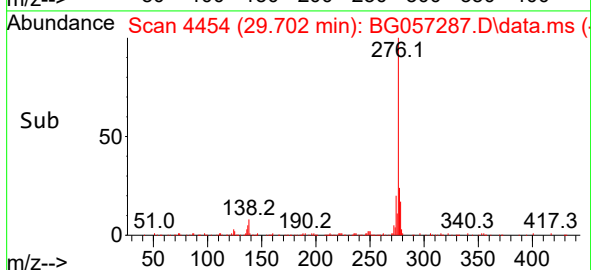
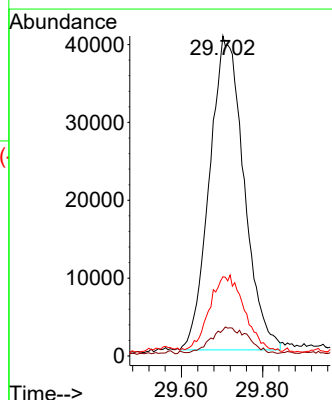
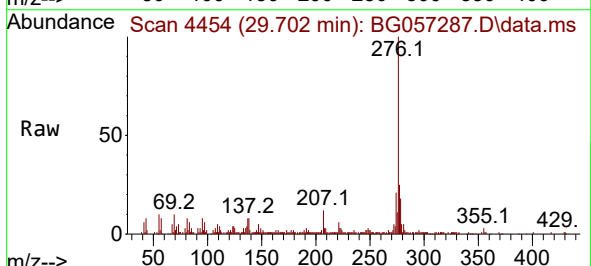
Tgt Ion:276 Resp: 236765

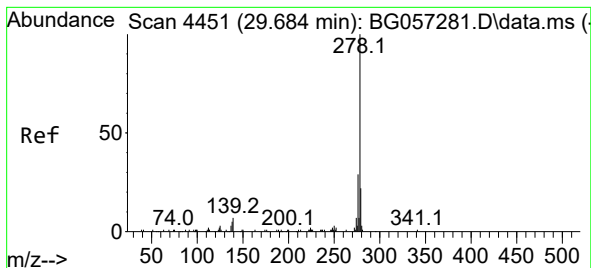
Ion Ratio Lower Upper

276 100

138 8.1 9.4 14.2#

277 24.8 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 25.450 ng/ul

RT: 29.755 min Scan# 44

Delta R.T. 0.061 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Instrument :

BNA_G

ClientSampleId :

EW925MSD

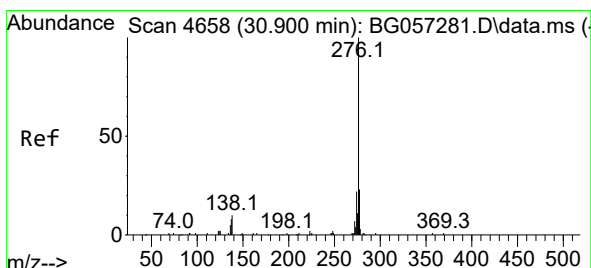
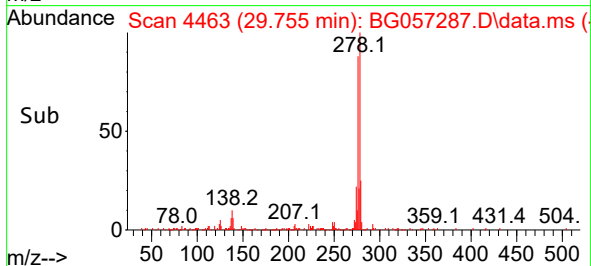
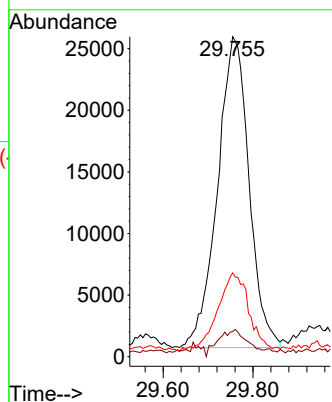
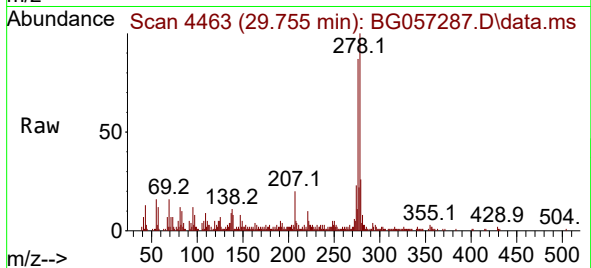
Tgt Ion:278 Resp: 123151

Ion Ratio Lower Upper

278 100

139 7.9 5.8 8.6

279 26.2 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 27.464 ng/ul

RT: 31.000 min Scan# 4675

Delta R.T. 0.091 min

Lab File: BG057287.D

Acq: 3 May 2023 15:14

Tgt Ion:276 Resp: 129707

Ion Ratio Lower Upper

276 100

138 7.9 8.7 13.1#

277 23.4 18.4 27.6

