

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057310.D
 Acq On : 4 May 2023 20:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020475

Quant Time: May 05 01:45:30 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	8.372	152	11639	20.000	ng/u1	0.00
20) Naphthalene-d8	11.209	136	53035	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.987	164	46636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	124535	20.000	ng/u1	0.00
79) Chrysene-d12	22.042	240	109033	20.000	ng/u1	0.00
88) Perylene-d12	25.560	264	111509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	2338	8.840	ng/uL	0.00
4) Pyridine-d5	4.095	84	16690	20.016	ng/u1	0.00
7) Phenol-d5	7.514	99	23941	21.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	13079	20.202	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	16784	23.139	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	19131	22.868	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	9007	21.326	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	10809	21.929	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	21939	23.070	ng/u1	0.00
31) 4-Chloroaniline-d4	11.339	131	30017	23.816	ng/u1	0.00
46) Dimethylphthalate-d6	14.370	166	81498	22.055	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	88757	21.371	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	11240	20.897	ng/u1	0.00
60) Fluorene-d10	15.973	176	75237	21.856	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	14894	20.186	ng/u1	0.00
73) Anthracene-d10	17.824	188	126870	22.319	ng/u1	0.00
81) Pyrene-d10	20.091	212	147509	22.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.314	264	126356	22.241	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	2294	8.179	ng/uL#	73
5) Pyridine	4.113	79	18114	20.608	ng/u1	89
6) Benzaldehyde	7.497	77	7767	23.104	ng/u1	88
8) Phenol	7.538	94	24182	21.797	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.773	93	17098	20.592	ng/u1	92
12) 2-Chlorophenol	7.931	128	16874	22.147	ng/u1	95
13) 2-Methylphenol	8.813	108	18920	22.006	ng/u1	84
14) 2,2'-oxybis(1-Chloropr...	8.895	45	20203	18.872	ng/u1#	92
16) Acetophenone	9.200	105	32155	22.337	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.171	70	17990	21.747	ng/u1	94
18) 4-Methylphenol	9.142	108	21559	23.166	ng/u1	93
19) Hexachloroethane	9.470	117	7140	22.399	ng/u1	90
22) Nitrobenzene	9.594	77	25739	20.466	ng/u1	98
23) Isophorone	10.111	82	50821	21.239	ng/u1	96
25) 2-Nitrophenol	10.311	139	11435	22.905	ng/u1	97
26) 2,4-Dimethylphenol	10.358	107	25055	22.123	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.587	93	25778	20.725	ng/u1	95
29) 2,4-Dichlorophenol	10.851	162	20801	23.045	ng/u1	95
30) Naphthalene	11.262	128	63239	21.717	ng/u1	98
32) 4-Chloroaniline	11.362	127	30615	23.312	ng/u1	97
33) Hexachlorobutadiene	11.532	225	17004	22.211	ng/u1	97
34) Caprolactam	12.108	113	7884	25.946	ng/u1	98
35) 4-Chloro-3-methylphenol	12.461	107	24949	24.023	ng/u1	96
36) 2-Methylnaphthalene	12.836	142	48354	22.644	ng/u1	98

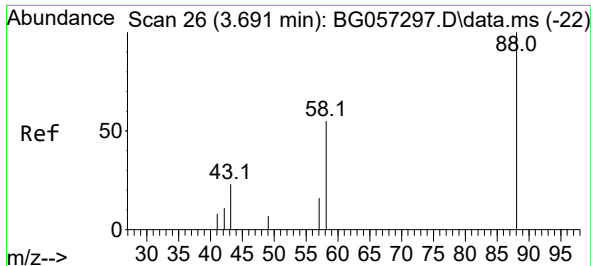
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.054	142	49300	22.960	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.201	216	36522	21.550	ng/ul#	96
40) Hexachlorocyclopentadiene	13.171	237	5998	7.092	ng/ul	96
41) 2,4,6-Trichlorophenol	13.436	196	21256	21.535	ng/ul	96
42) 2,4,5-Trichlorophenol	13.436	196	18926	17.859	ng/ul	93
43) 1,1'-Biphenyl	13.823	154	73813	20.743	ng/ul	99
44) 2-Chloronaphthalene	13.876	162	57846	20.965	ng/ul	97
45) 2-Nitroaniline	14.070	65	17944	21.543	ng/ul	87
47) Dimethylphthalate	14.417	163	81317	21.913	ng/ul	99
48) 2,6-Dinitrotoluene	14.552	165	17466	22.871	ng/ul	97
50) Acenaphthylene	14.716	152	92647	21.951	ng/ul	99
51) 3-Nitroaniline	14.887	138	12290	22.713	ng/ul	86
52) Acenaphthene	15.051	153	64718	21.522	ng/ul	99
53) 2,4-Dinitrophenol	15.110	184	7438	18.289	ng/ul	93
55) 4-Nitrophenol	15.192	109	12146	19.919	ng/ul	97
56) Dibenzofuran	15.380	168	95605	22.016	ng/ul	100
57) 2,4-Dinitrotoluene	15.339	165	25936	23.724	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.609	232	22943	23.826	ng/ul	97
59) Diethylphthalate	15.762	149	83584	22.170	ng/ul	99
61) Fluorene	16.026	166	81894	22.303	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.003	204	46112	21.516	ng/ul	95
63) 4-Nitroaniline	16.044	138	10910	21.291	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.103	198	15345	20.409	ng/ul	92
67) N-Nitrosodiphenylamine	16.220	169	70022	21.525	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	32406	21.771	ng/ul	96
69) Hexachlorobenzene	17.031	284	35556	22.685	ng/ul	97
70) Atrazine	17.148	200	32257	22.311	ng/ul	96
71) Pentachlorophenol	17.383	266	11184	15.437	ng/ul	99
72) Phenanthrene	17.771	178	144248	22.243	ng/ul	98
74) Anthracene	17.859	178	145648	22.358	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.800	216	38041	20.309	ng/uL	98
76) Pentachlorobenzene	15.304	250	41180	21.598	ng/uL	96
77) Carbazole	18.123	167	124449	22.860	ng/ul	99
78) Di-n-butylphthalate	18.640	149	142644	22.914	ng/ul	99
80) Fluoranthene	19.757	202	177231	23.054	ng/ul	98
82) Pyrene	20.121	202	176710	22.706	ng/ul	98
83) Butylbenzylphthalate	20.973	149	59384	23.826	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.912	252	57410	23.709	ng/ul	98
85) Benzo(a)anthracene	22.018	228	167823	21.763	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.860	149	82311	22.707	ng/ul	96
87) Chrysene	22.089	228	158044	21.723	ng/ul	98
89) Di-n-octyl phthalate	23.164	149	139003	22.574	ng/ul	100
90) Benzo(b)fluoranthene	24.427	252	168477	21.818	ng/ul	99
91) Benzo(k)fluoranthene	24.503	252	166429	22.154	ng/ul	99
93) Benzo(a)pyrene	25.390	252	149536	22.431	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.614	276	188690	22.643	ng/ul	98
95) Dibenzo(a,h)anthracene	29.678	278	157568	22.803	ng/ul	98
96) Benzo(g,h,i)perylene	30.894	276	151475	22.460	ng/ul	98

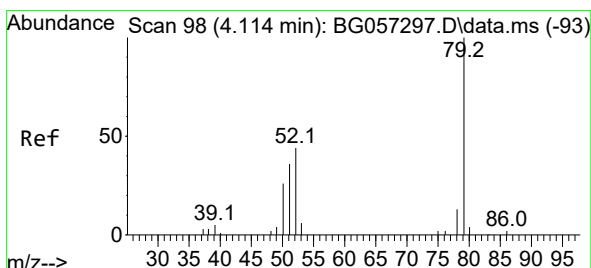
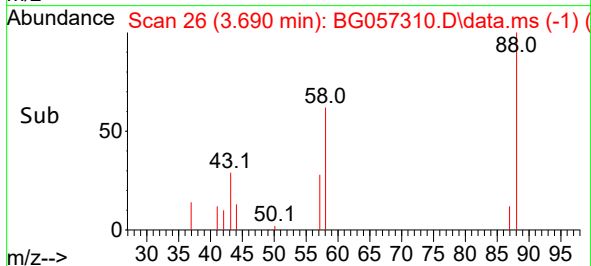
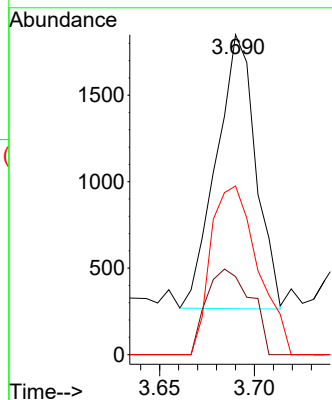
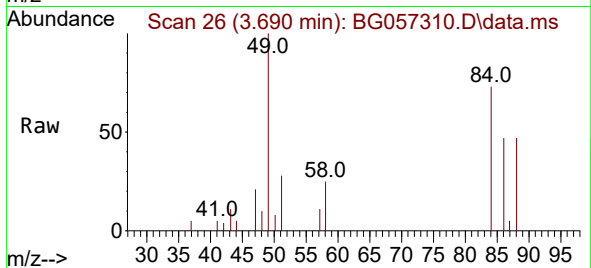
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#2
1,4-Dioxane
Concen: 8.179 ng/uL
RT: 3.690 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

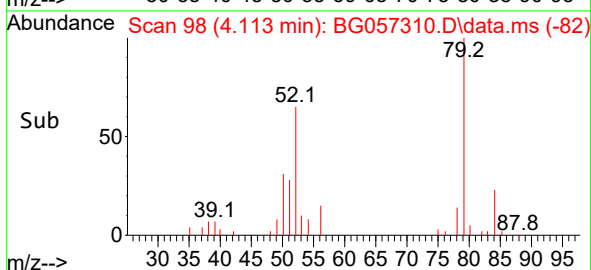
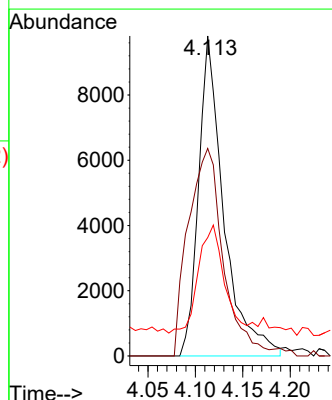
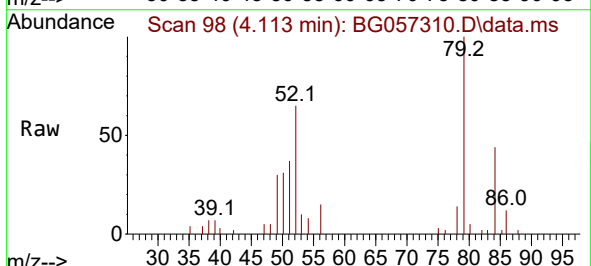
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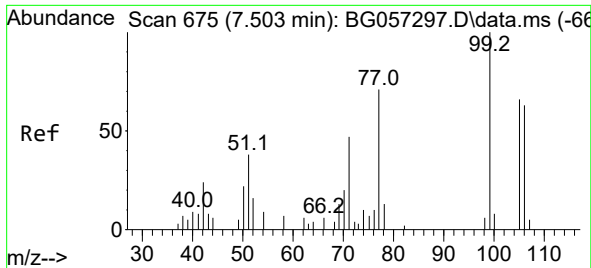
Tgt Ion: 88 Resp: 2294
Ion Ratio Lower Upper
88 100
43 24.4 28.2 42.4#
58 52.7 63.3 94.9#



#5
Pyridine
Concen: 20.608 ng/uL
RT: 4.113 min Scan# 98
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion: 79 Resp: 18114
Ion Ratio Lower Upper
79 100
52 64.9 62.4 93.6
51 37.0 29.0 43.4

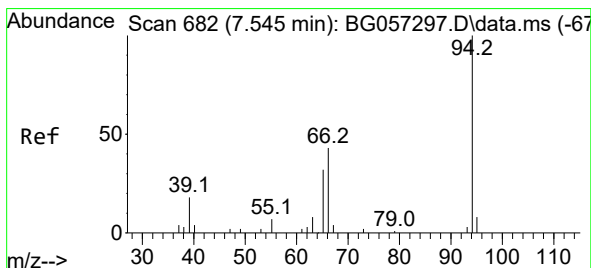
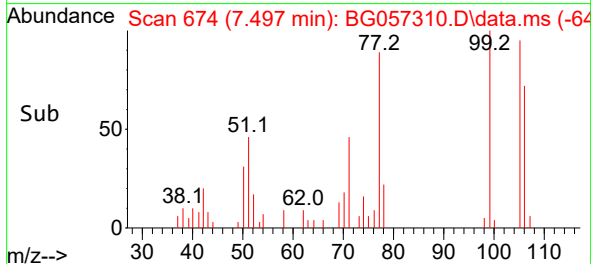
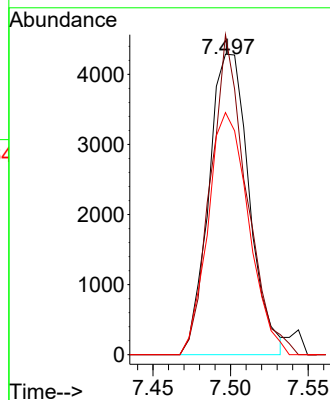
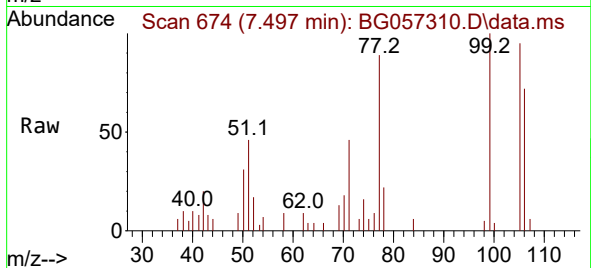




#6
Benzaldehyde
Concen: 23.104 ng/ul
RT: 7.497 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

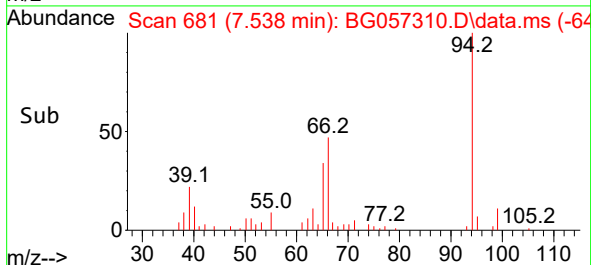
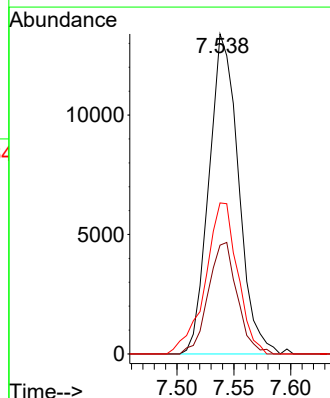
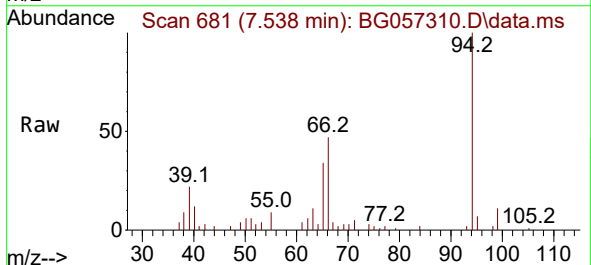
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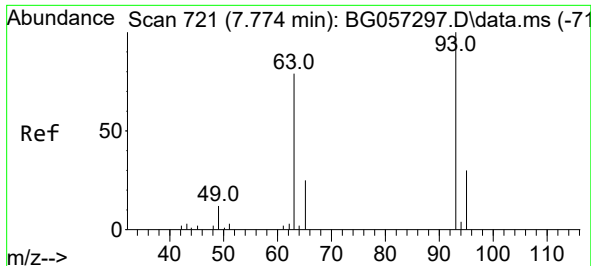
Tgt Ion: 77 Resp: 7767
Ion Ratio Lower Upper
77 100
105 106.5 79.8 119.6
106 80.6 78.7 118.1



#8
Phenol
Concen: 21.797 ng/ul
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion: 94 Resp: 24182
Ion Ratio Lower Upper
94 100
65 34.0 25.5 38.3
66 47.2 36.9 55.3

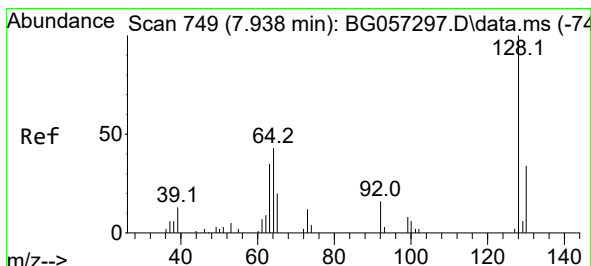
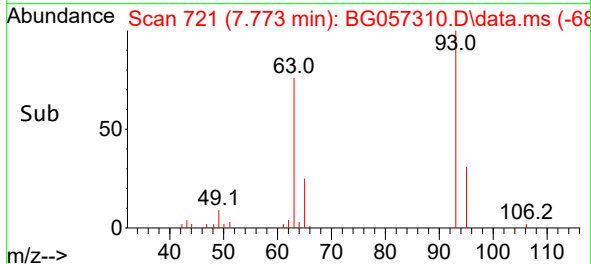
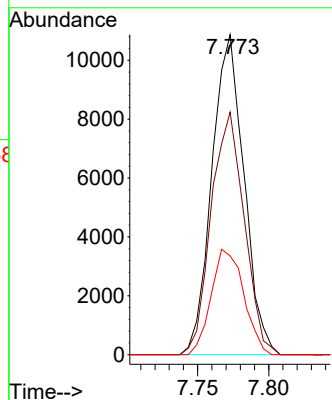
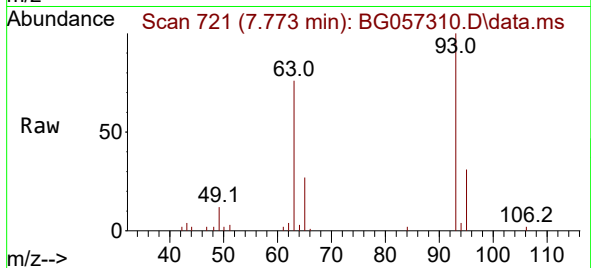




#10
Bis(2-Chloroethyl)ether
Concen: 20.592 ng/ul
RT: 7.773 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

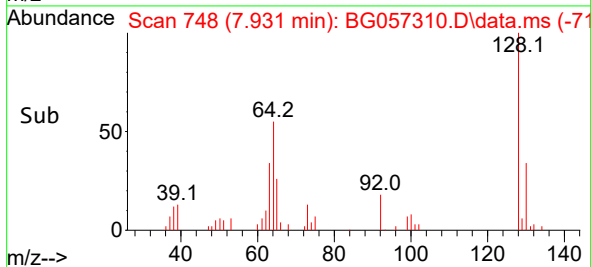
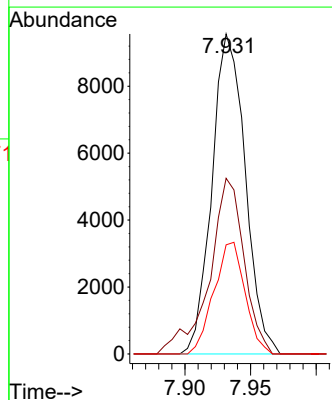
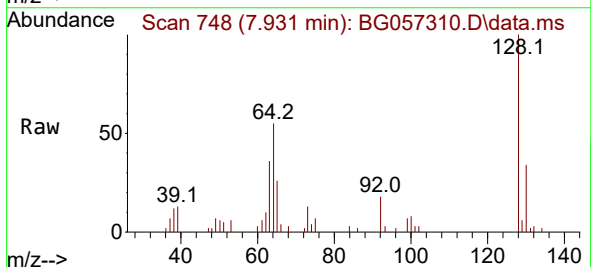
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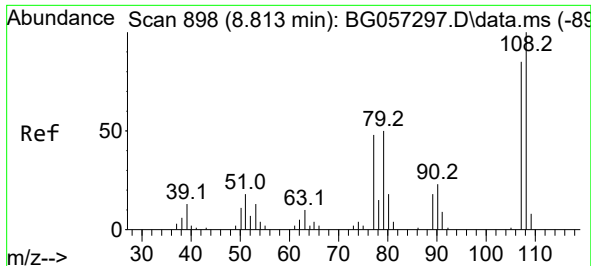
Tgt Ion: 93 Resp: 17098
Ion Ratio Lower Upper
93 100
63 75.8 67.2 100.8
95 30.8 26.3 39.5



#12
2-Chlorophenol
Concen: 22.147 ng/ul
RT: 7.931 min Scan# 748
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:128 Resp: 16874
Ion Ratio Lower Upper
128 100
64 54.9 41.3 61.9
130 34.1 24.6 37.0





#13

2-Methylphenol

Concen: 22.006 ng/ul

RT: 8.813 min Scan# 898

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

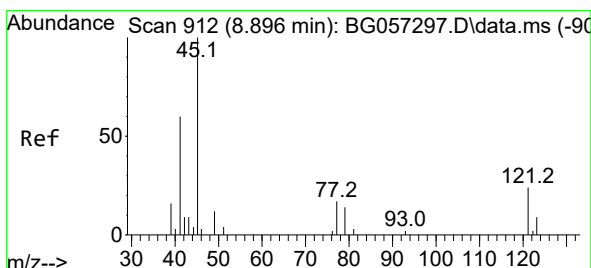
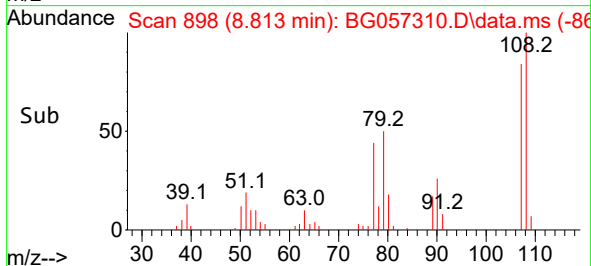
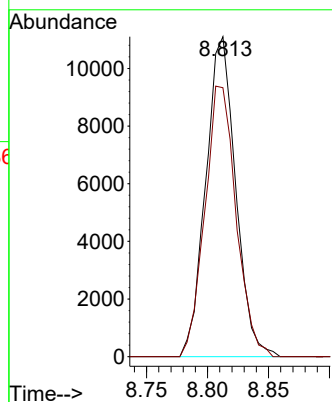
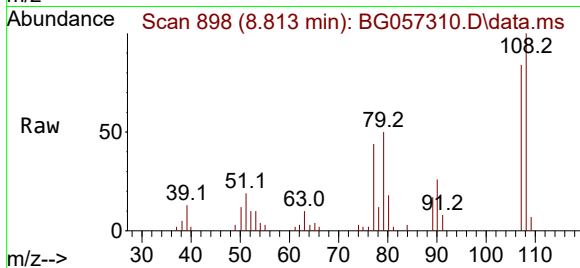
SSTD020475

Tgt Ion:108 Resp: 18920

Ion Ratio Lower Upper

108 100

107 84.1 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.872 ng/ul

RT: 8.895 min Scan# 912

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

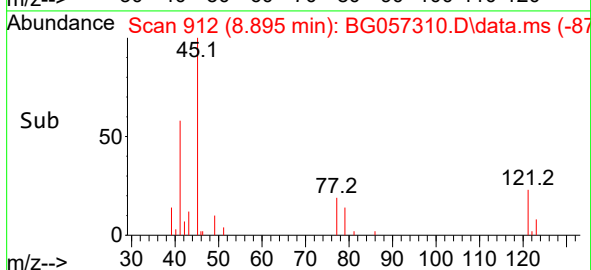
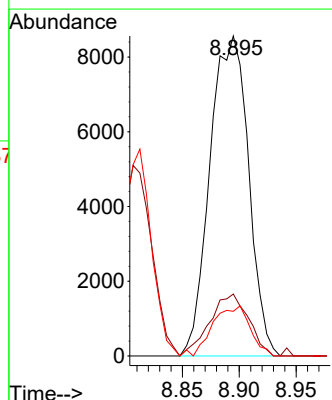
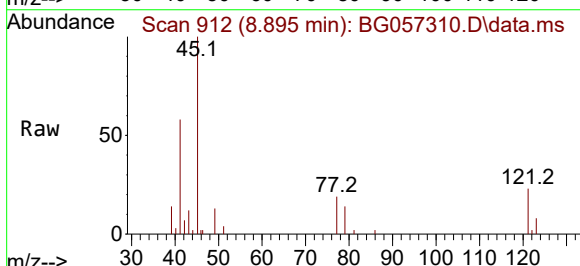
Tgt Ion: 45 Resp: 20203

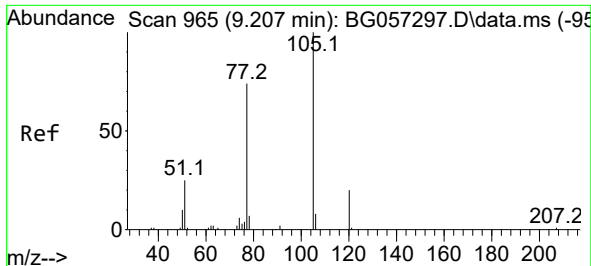
Ion Ratio Lower Upper

45 100

77 19.4 12.9 19.3#

79 14.0 8.9 13.3#

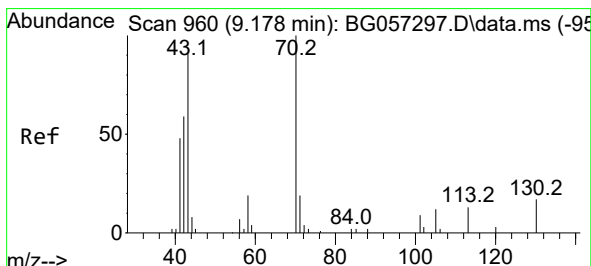
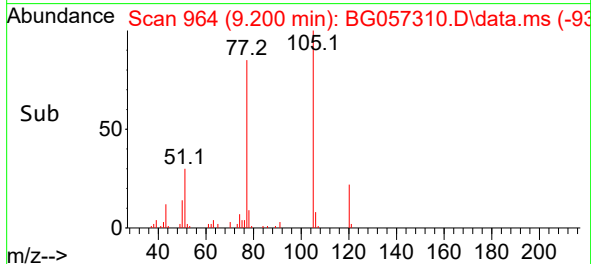
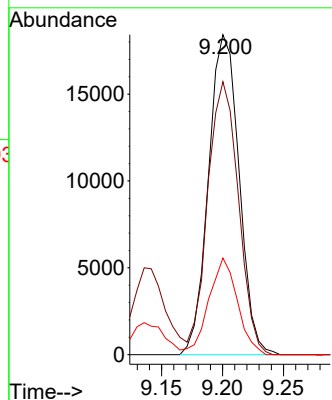
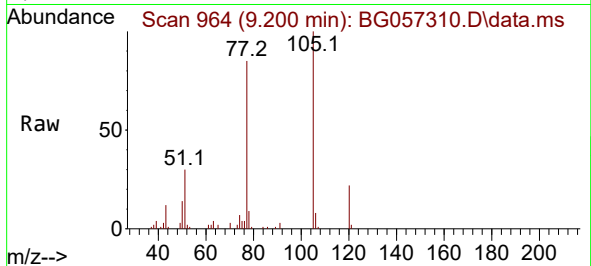




#16
Acetophenone
Concen: 22.337 ng/ul
RT: 9.200 min Scan# 910
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

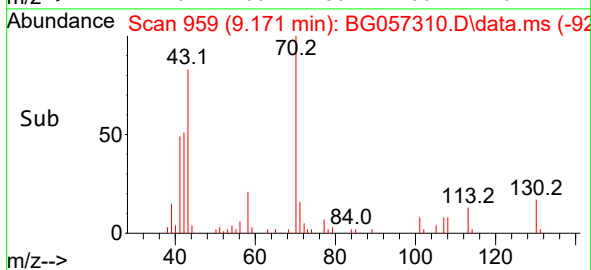
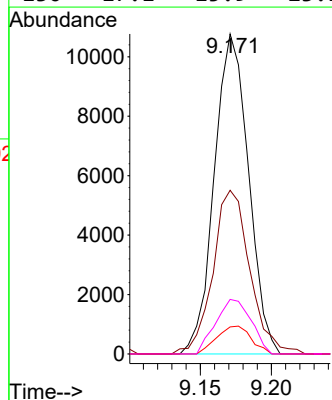
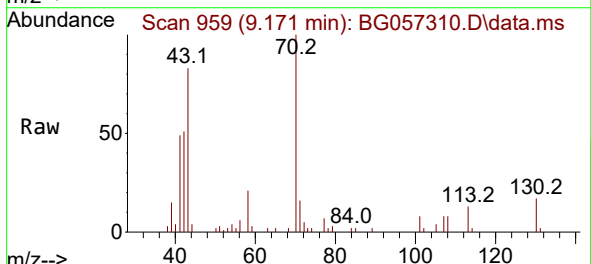
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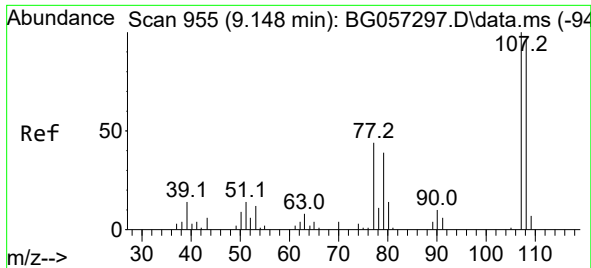
Tgt Ion:105 Resp: 32155
Ion Ratio Lower Upper
105 100
77 85.3 70.6 105.8
51 30.2 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 21.747 ng/ul
RT: 9.171 min Scan# 959
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion: 70 Resp: 17990
Ion Ratio Lower Upper
70 100
42 51.2 45.0 67.4
101 8.4 6.5 9.7
130 17.1 15.9 23.9

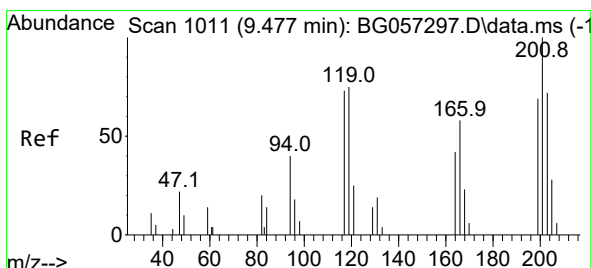
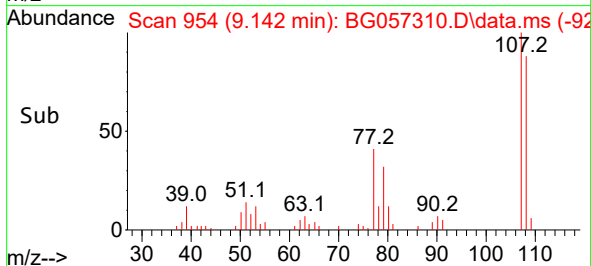
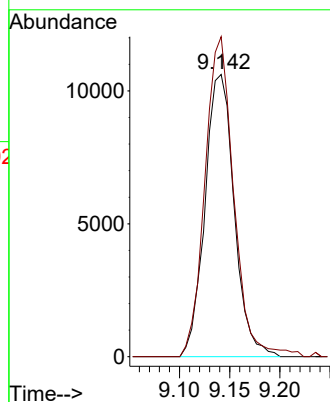
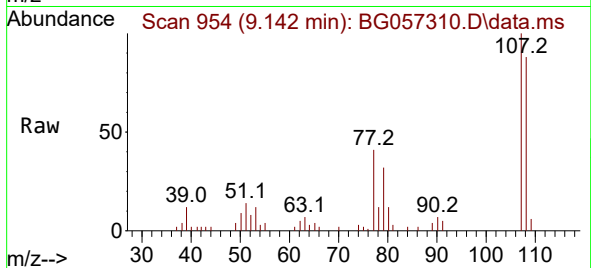




#18
4-Methylphenol
Concen: 23.166 ng/ul
RT: 9.142 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

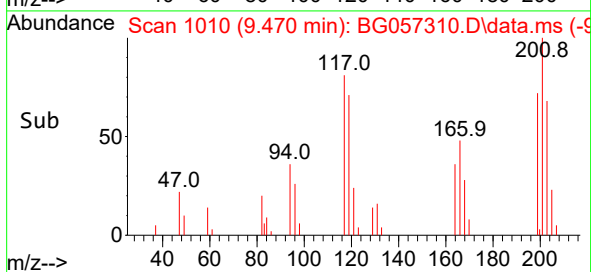
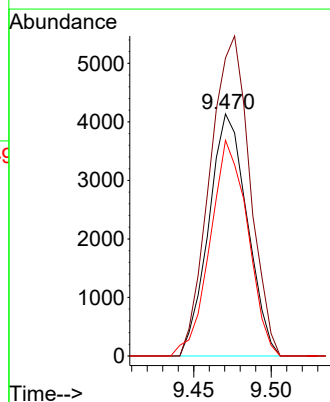
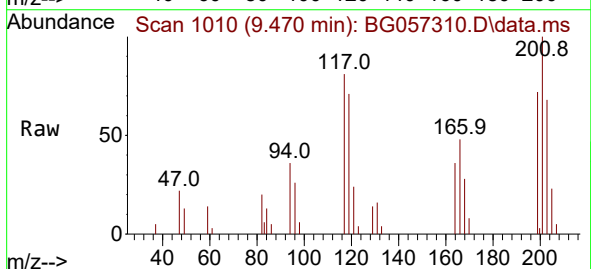
Instrument :
BNA_G
ClientSampleId :
SSTD020475

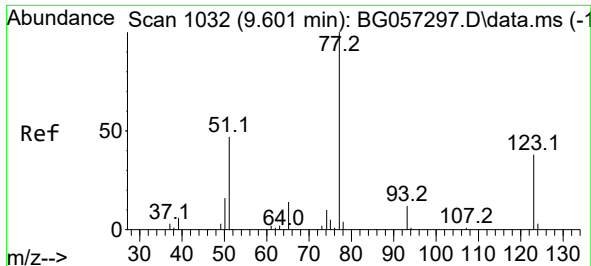
Tgt Ion:108 Resp: 21559
Ion Ratio Lower Upper
108 100
107 113.4 85.1 127.7



#19
Hexachloroethane
Concen: 22.399 ng/ul
RT: 9.470 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:117 Resp: 7140
Ion Ratio Lower Upper
117 100
201 123.1 109.4 164.2
199 89.1 65.4 98.2





#22

Nitrobenzene

Concen: 20.466 ng/ul

RT: 9.594 min Scan# 1109

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

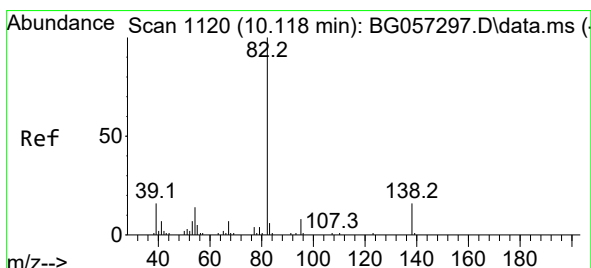
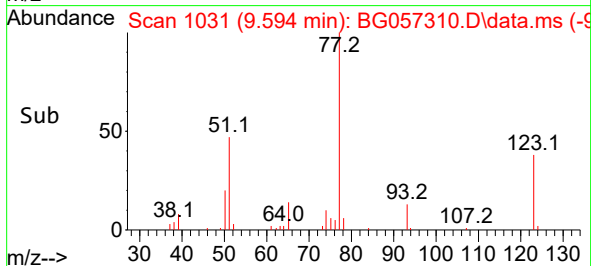
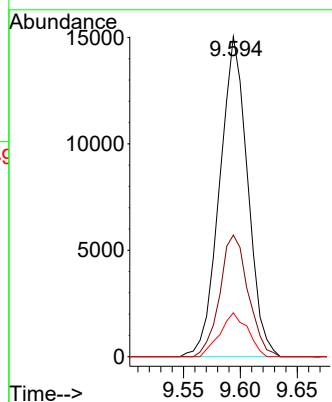
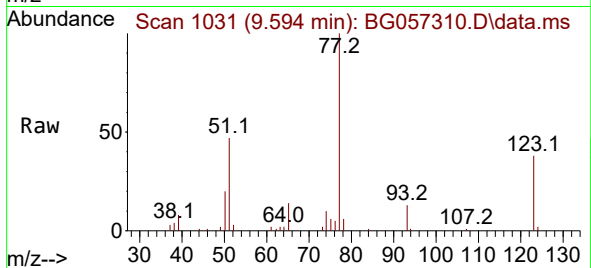
Tgt Ion: 77 Resp: 25739

Ion Ratio Lower Upper

77 100

123 38.0 29.6 44.4

65 13.7 11.4 17.0



#23

Isophorone

Concen: 21.239 ng/ul

RT: 10.111 min Scan# 1119

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

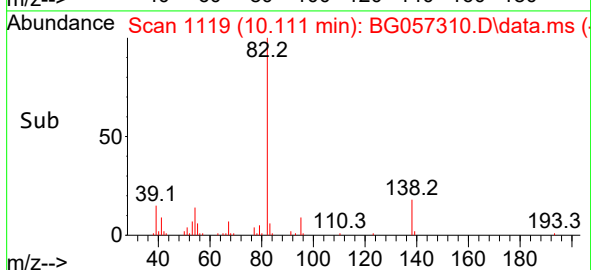
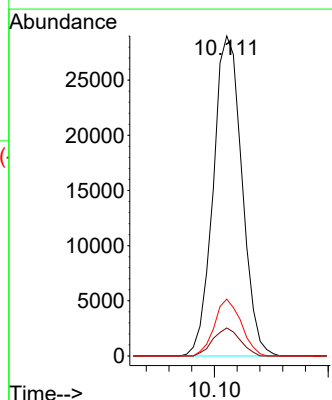
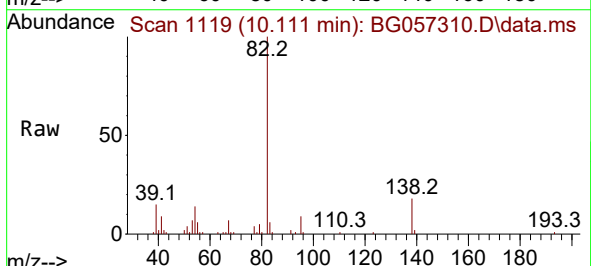
Tgt Ion: 82 Resp: 50821

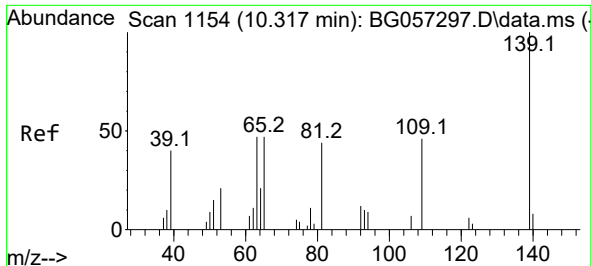
Ion Ratio Lower Upper

82 100

95 8.7 6.8 10.2

138 17.8 12.2 18.2

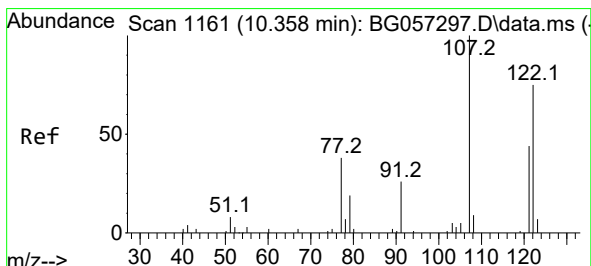
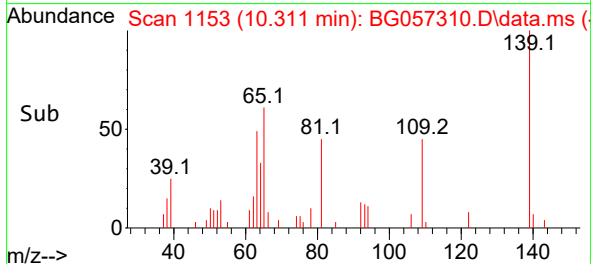
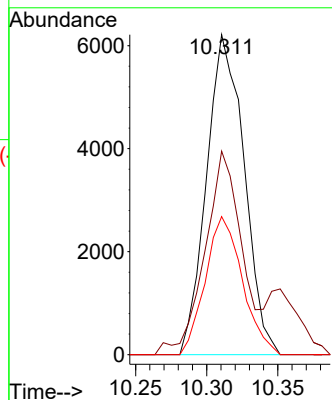
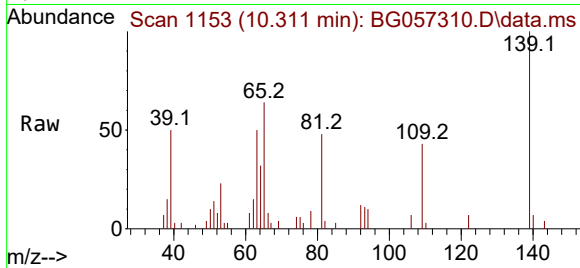




#25
2-Nitrophenol
Concen: 22.905 ng/ul
RT: 10.311 min Scan# 1153
Delta R.T. -0.015 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

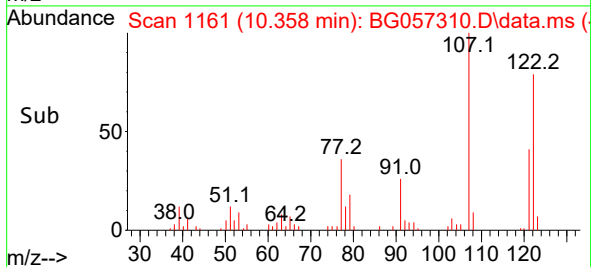
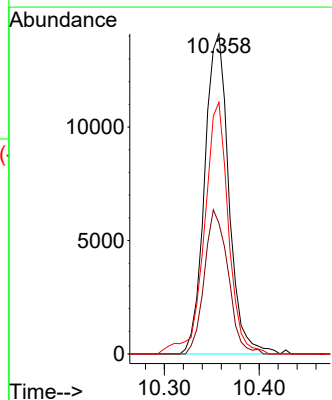
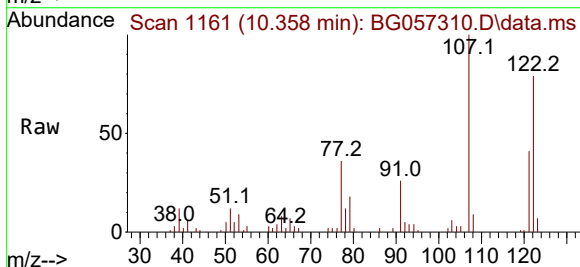
Instrument :
BNA_G
ClientSampleId :
SSTD020475

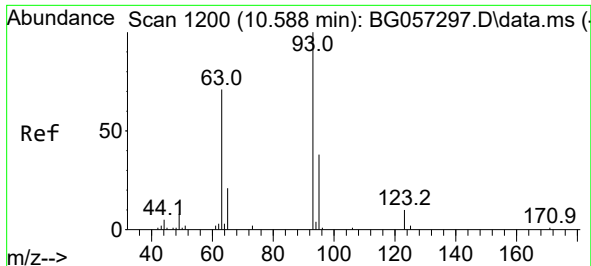
Tgt Ion:139 Resp: 11435
Ion Ratio Lower Upper
139 100
65 63.6 48.7 73.1
109 43.2 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 22.123 ng/ul
RT: 10.358 min Scan# 1161
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:107 Resp: 25055
Ion Ratio Lower Upper
107 100
121 40.8 35.4 53.0
122 78.6 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.725 ng/ul

RT: 10.587 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

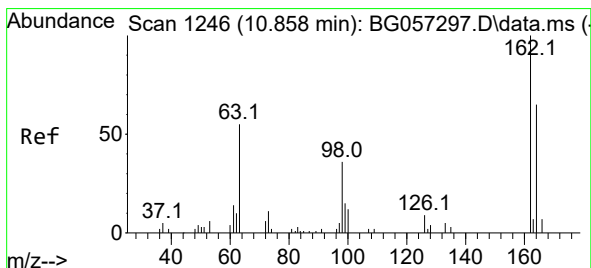
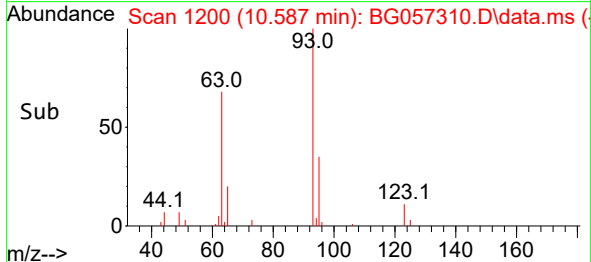
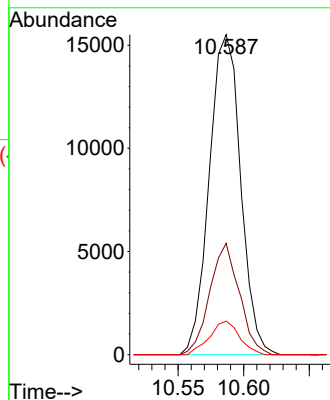
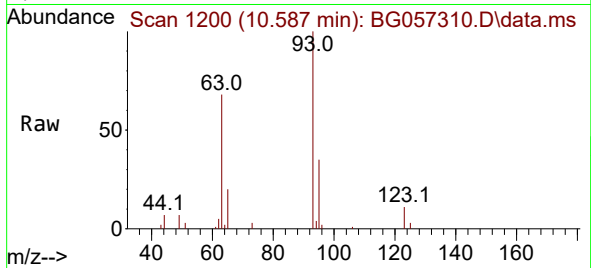
Tgt Ion: 93 Resp: 25778

Ion Ratio Lower Upper

93 100

95 34.8 24.8 37.2

123 10.5 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.045 ng/ul

RT: 10.851 min Scan# 1245

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

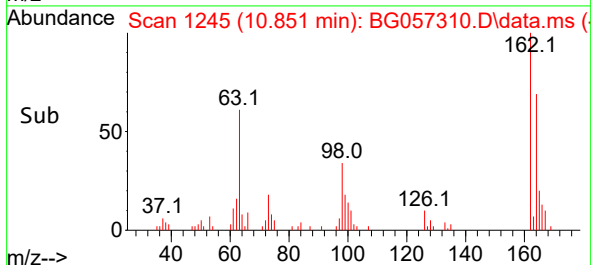
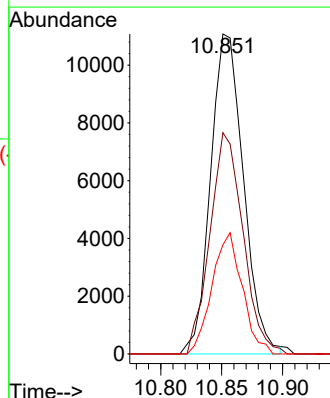
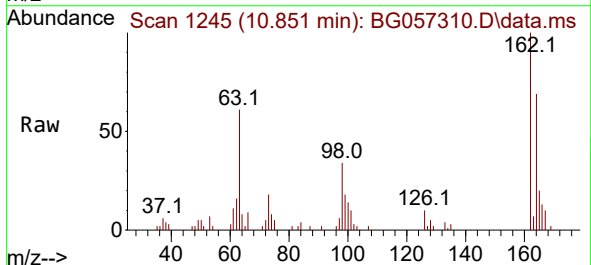
Tgt Ion:162 Resp: 20801

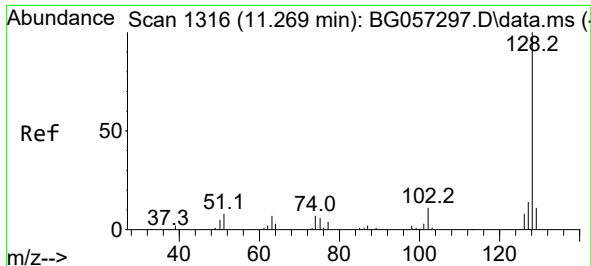
Ion Ratio Lower Upper

162 100

164 69.1 50.5 75.7

98 34.1 27.5 41.3

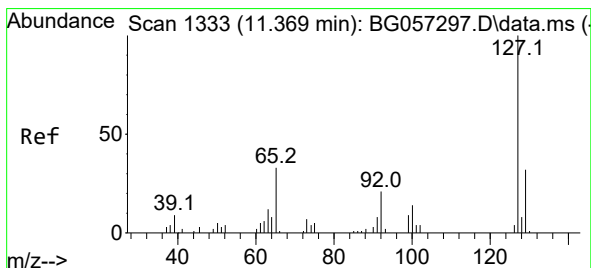
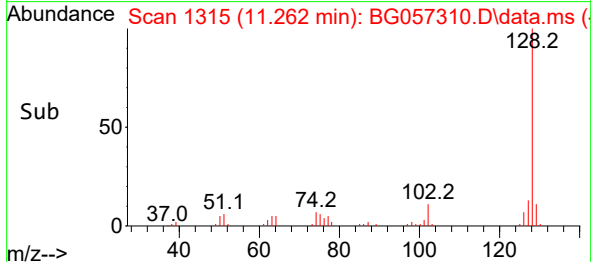
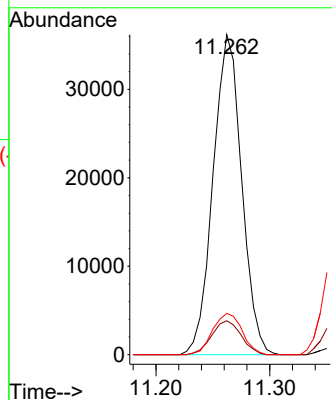
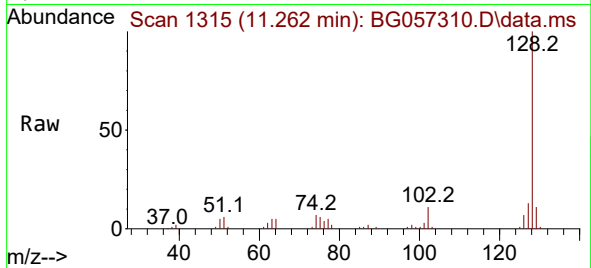




#30
Naphthalene
Concen: 21.717 ng/ul
RT: 11.262 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

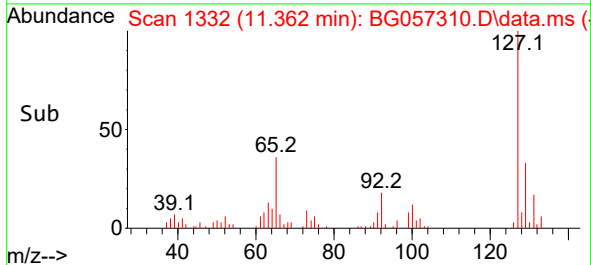
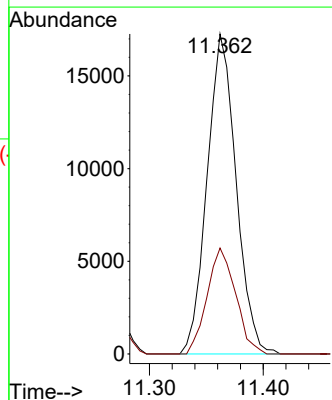
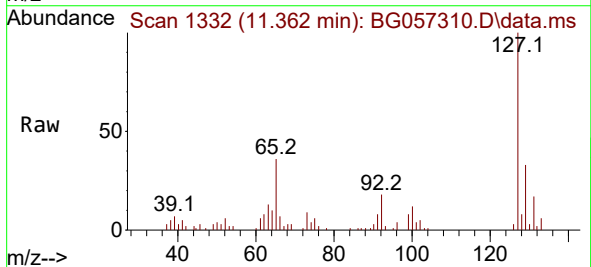
Instrument :
BNA_G
ClientSampleId :
SSTD020475

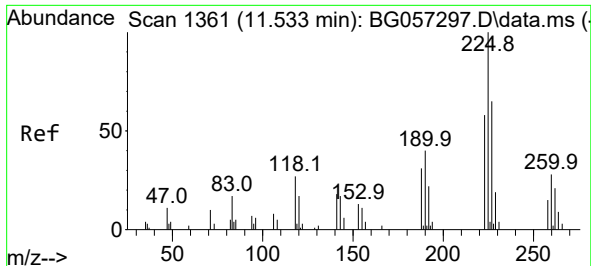
Tgt Ion:128 Resp: 63239
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.9 11.4 17.0



#32
4-Chloroaniline
Concen: 23.312 ng/ul
RT: 11.362 min Scan# 1332
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:127 Resp: 30615
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0

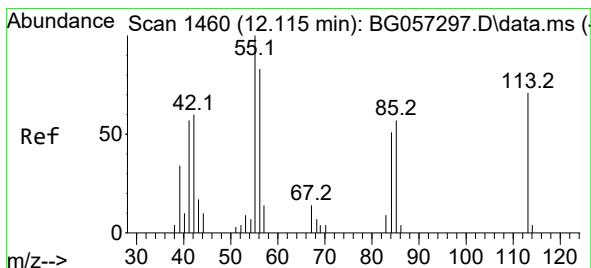
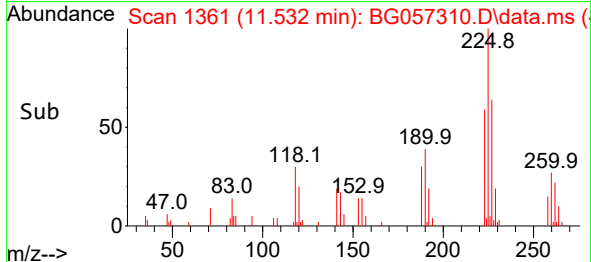
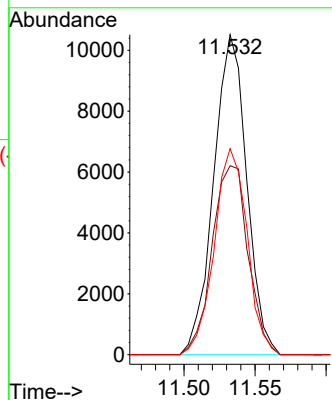
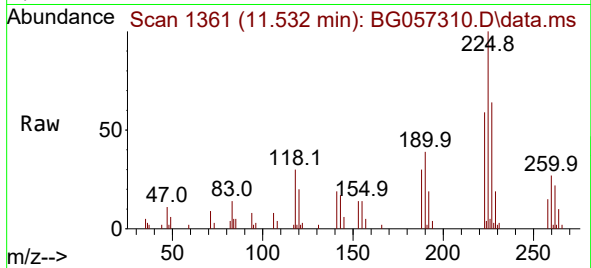




#33
Hexachlorobutadiene
Concen: 22.211 ng/ul
RT: 11.532 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

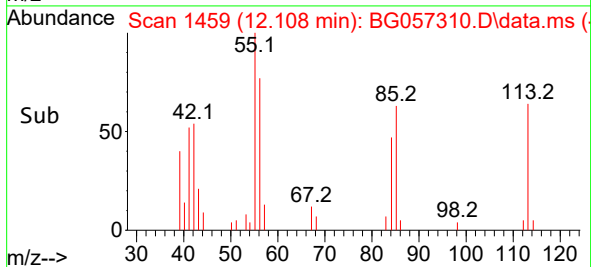
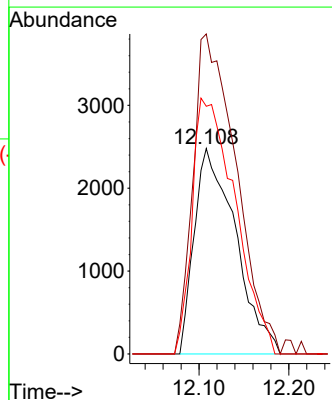
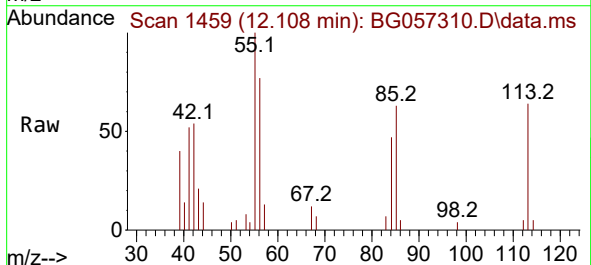
Instrument :
BNA_G
ClientSampleId :
SSTD020475

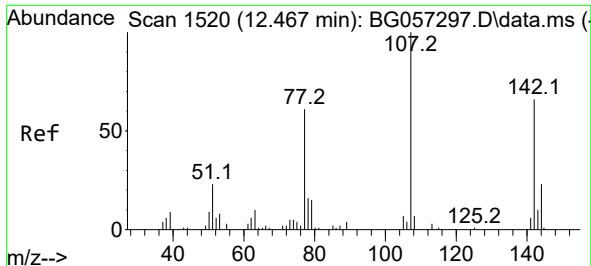
Tgt Ion:225 Resp: 17004
Ion Ratio Lower Upper
225 100
223 59.1 47.5 71.3
227 64.4 48.4 72.6



#34
Caprolactam
Concen: 25.946 ng/ul
RT: 12.108 min Scan# 1459
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:113 Resp: 7884
Ion Ratio Lower Upper
113 100
55 155.7 123.1 184.7
56 120.5 98.7 148.1





#35

4-Chloro-3-methylphenol

Concen: 24.023 ng/ul

RT: 12.461 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

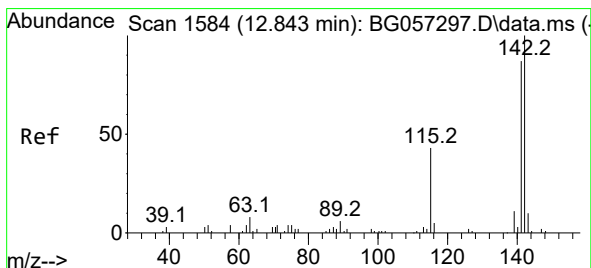
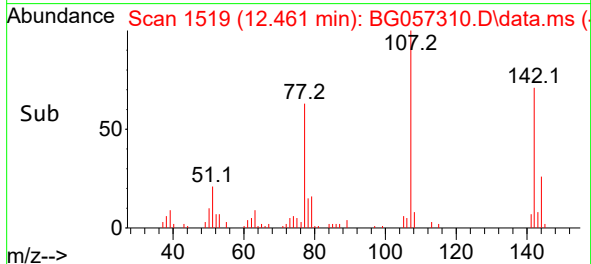
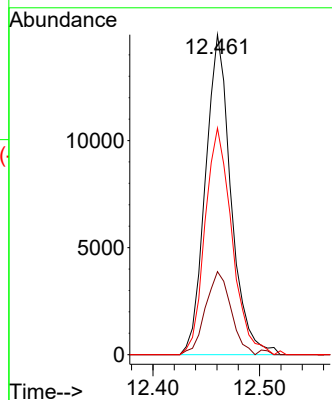
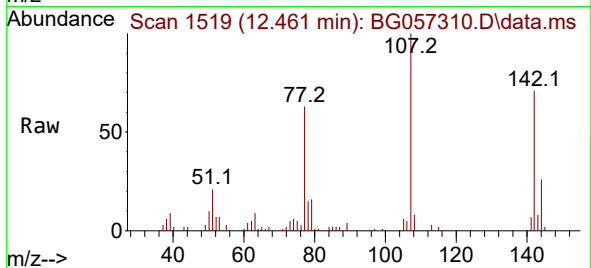
Tgt Ion:107 Resp: 24949

Ion Ratio Lower Upper

107 100

144 25.9 18.3 27.5

142 70.8 58.6 88.0



#36

2-Methylnaphthalene

Concen: 22.644 ng/ul

RT: 12.836 min Scan# 1583

Delta R.T. -0.009 min

Lab File: BG057310.D

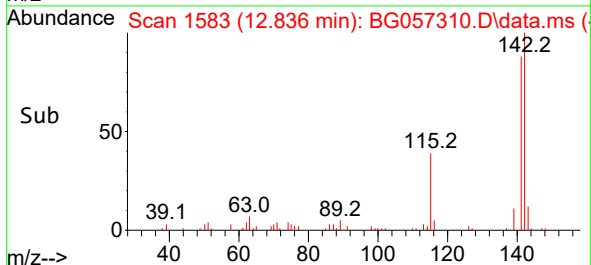
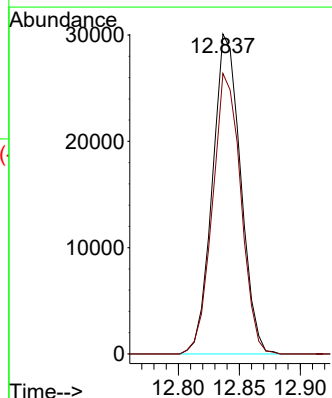
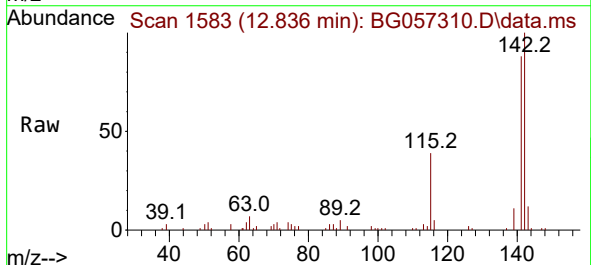
Acq: 4 May 2023 20:53

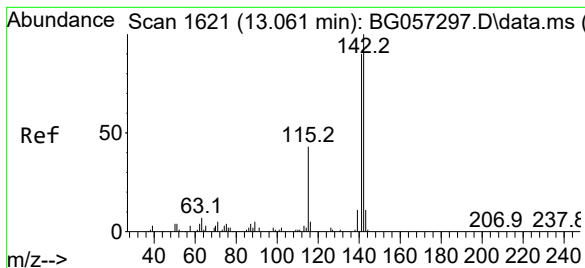
Tgt Ion:142 Resp: 48354

Ion Ratio Lower Upper

142 100

141 87.6 68.7 103.1





#37

1-Methylnaphthalene

Concen: 22.960 ng/ul

RT: 13.054 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

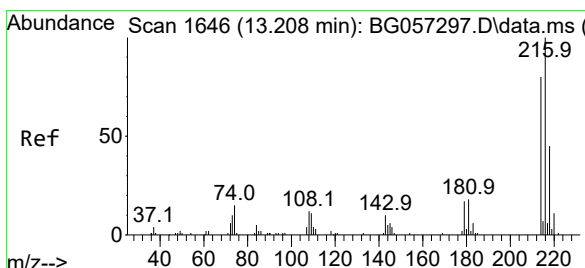
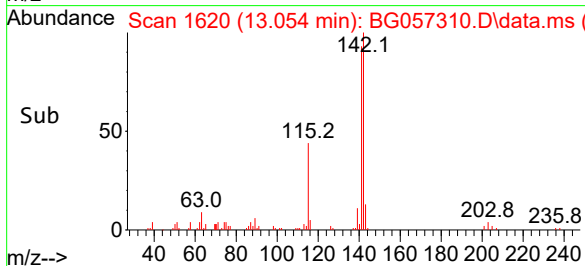
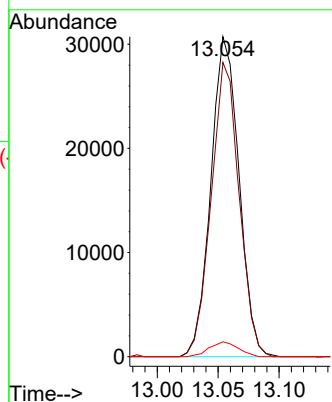
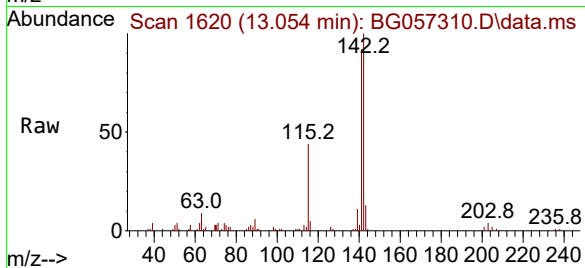
Tgt Ion:142 Resp: 49300

Ion Ratio Lower Upper

142 100

141 92.0 72.9 109.3

116 4.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.550 ng/ul

RT: 13.201 min Scan# 1645

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Tgt Ion:216 Resp: 36522

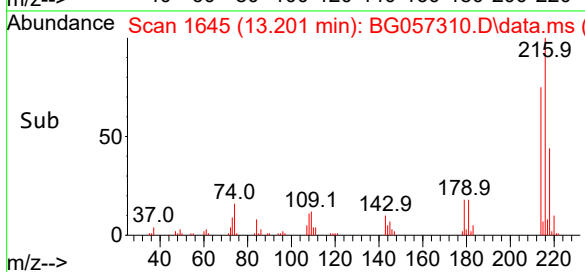
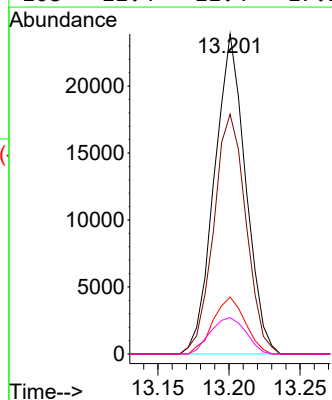
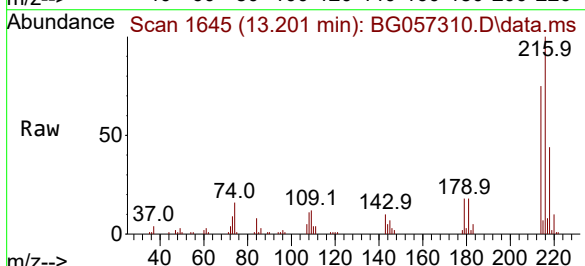
Ion Ratio Lower Upper

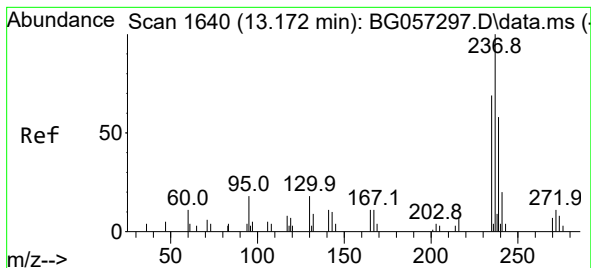
216 100

214 74.9 62.9 94.3

179 17.8 15.3 22.9

108 11.4 11.4 17.2#





#40

Hexachlorocyclopentadiene

Concen: 7.092 ng/ul

RT: 13.171 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

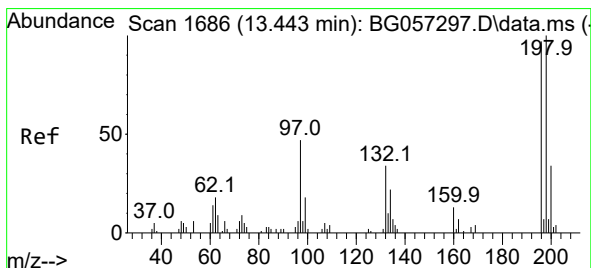
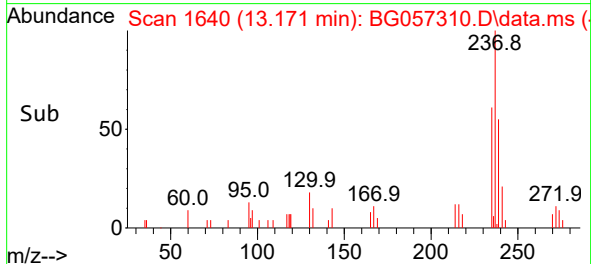
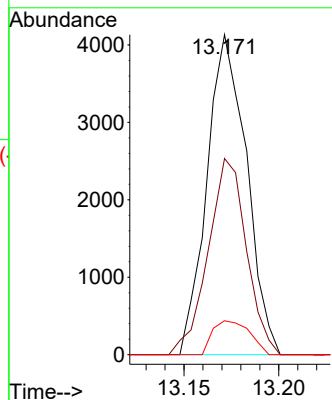
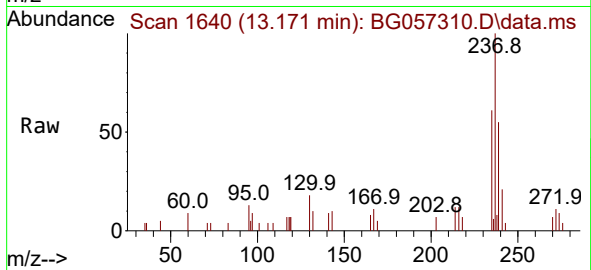
Tgt Ion:237 Resp: 5998

Ion Ratio Lower Upper

237 100

235 61.3 51.4 77.0

272 10.6 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 21.535 ng/ul

RT: 13.436 min Scan# 1685

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

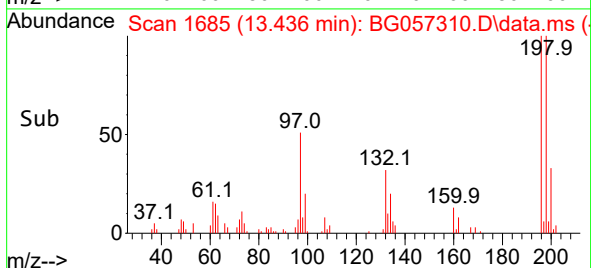
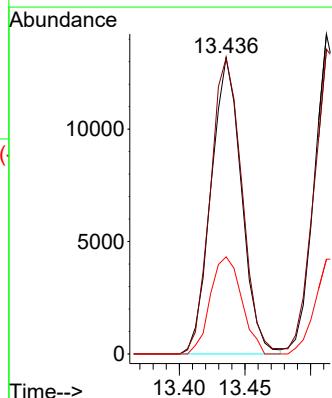
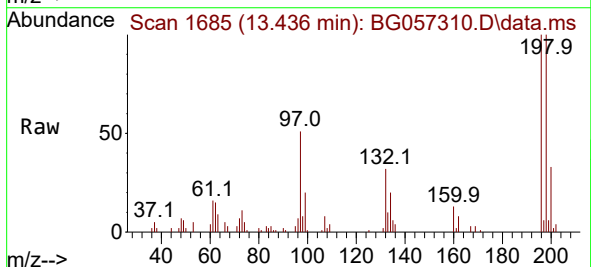
Tgt Ion:196 Resp: 21256

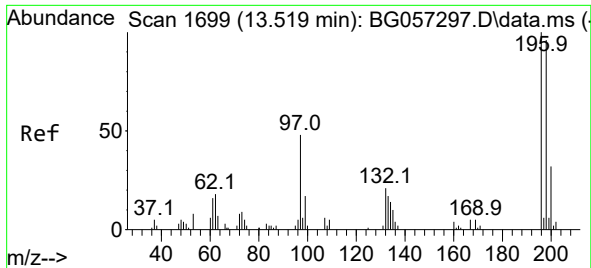
Ion Ratio Lower Upper

196 100

198 99.7 83.8 125.8

200 32.7 26.6 40.0

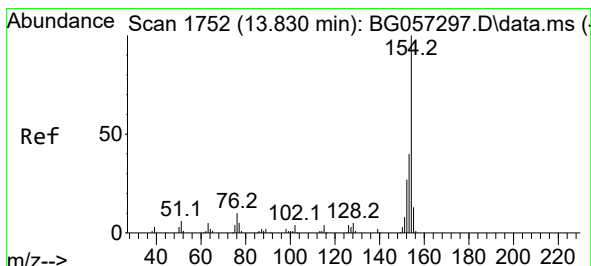
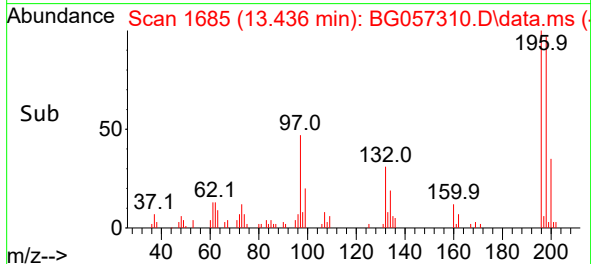
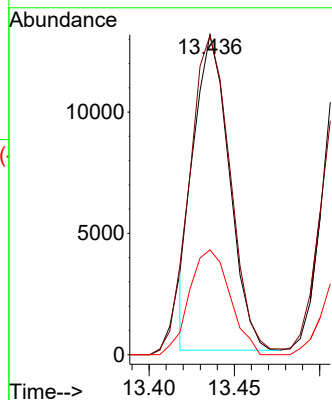
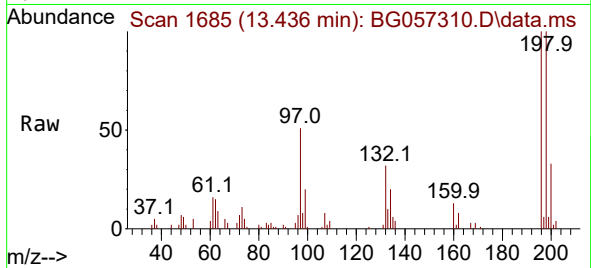




#42
2,4,5-Trichlorophenol
Concen: 17.859 ng/ul
RT: 13.436 min Scan# 1
Delta R.T. -0.080 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

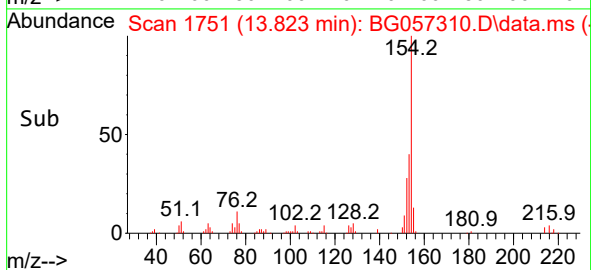
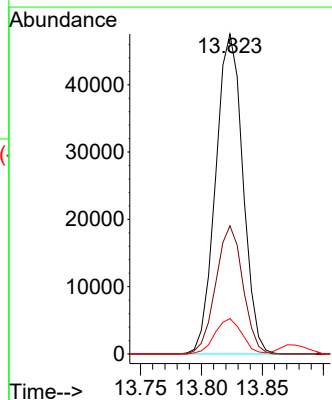
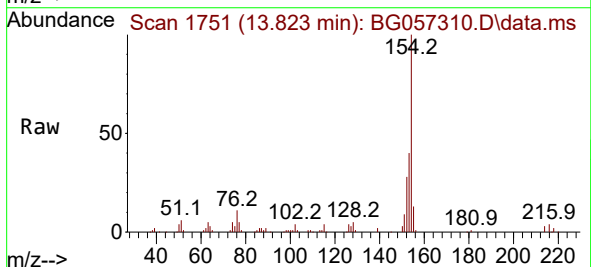
Instrument :
BNA_G
ClientSampleId :
SSTD020475

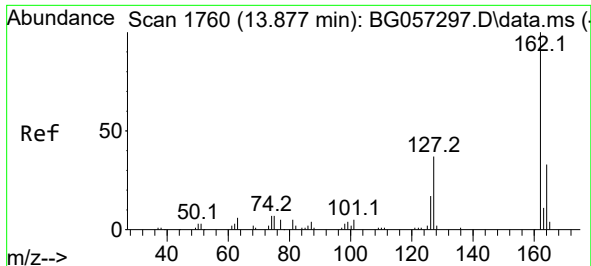
Tgt Ion:196 Resp: 18926
Ion Ratio Lower Upper
196 100
198 99.7 85.7 128.5
200 32.7 29.9 44.9



#43
1,1'-Biphenyl
Concen: 20.743 ng/ul
RT: 13.823 min Scan# 1751
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

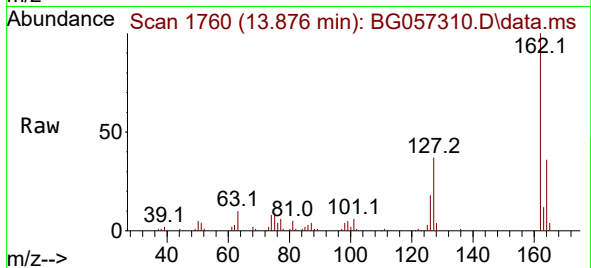
Tgt Ion:154 Resp: 73813
Ion Ratio Lower Upper
154 100
153 40.1 31.6 47.4
76 11.1 8.0 12.0



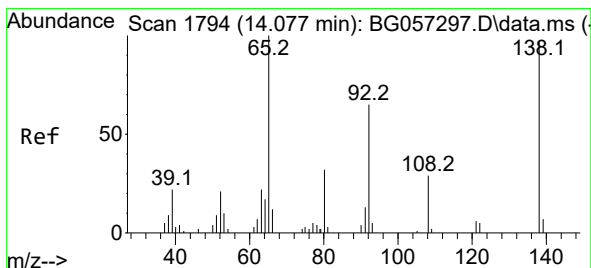
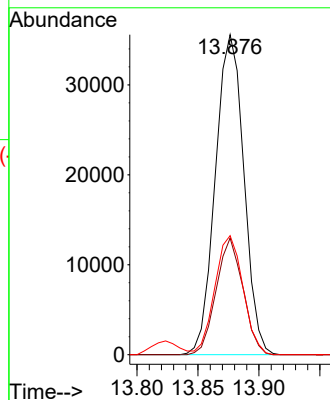
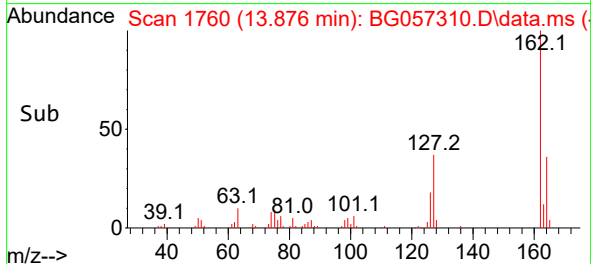


#44
2-Chloronaphthalene
Concen: 20.965 ng/ul
RT: 13.876 min Scan# 1760
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Instrument :
BNA_G
ClientSampleId :
SSTD020475

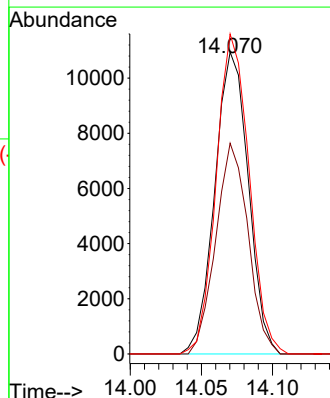
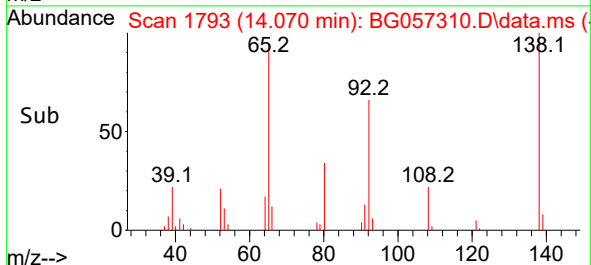
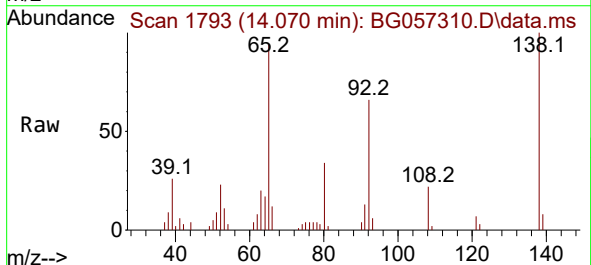


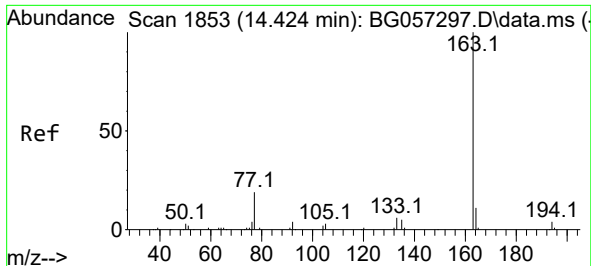
Tgt Ion:162 Resp: 57846
Ion Ratio Lower Upper
162 100
164 36.5 26.2 39.4
127 37.2 29.4 44.2



#45
2-Nitroaniline
Concen: 21.543 ng/ul
RT: 14.070 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion: 65 Resp: 17944
Ion Ratio Lower Upper
65 100
92 69.8 51.8 77.6
138 106.0 71.9 107.9





#47

Dimethylphthalate

Concen: 21.913 ng/ul

RT: 14.417 min Scan# 1852

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

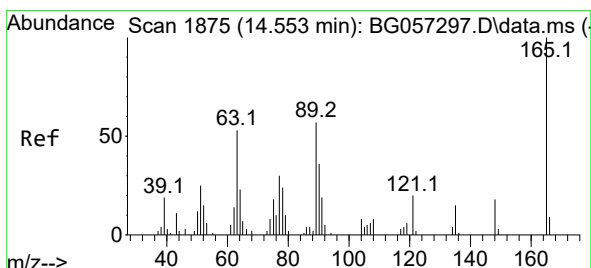
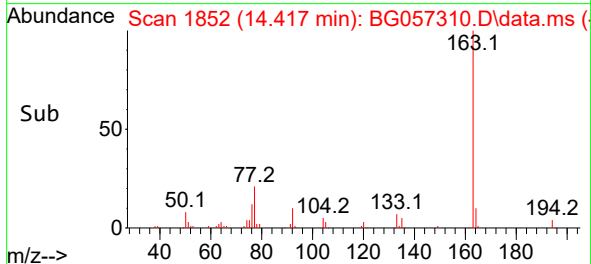
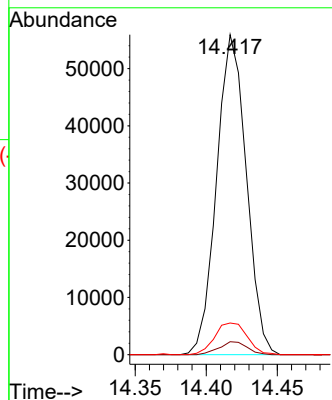
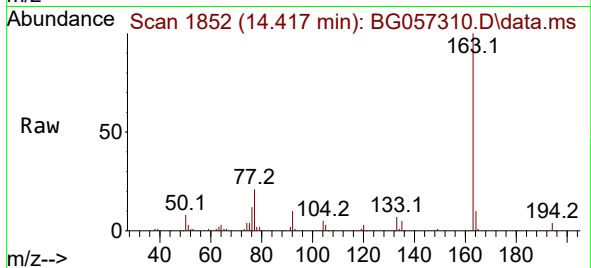
Tgt Ion:163 Resp: 81317

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 9.9 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 22.871 ng/ul

RT: 14.552 min Scan# 1875

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

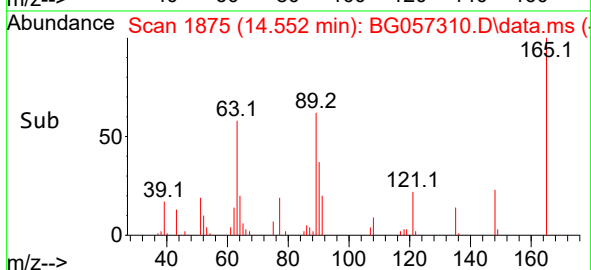
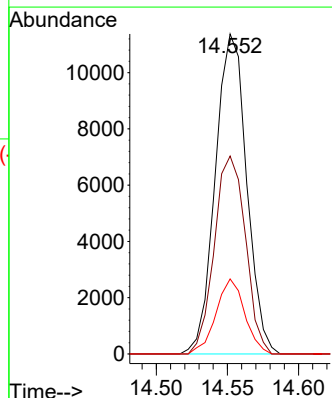
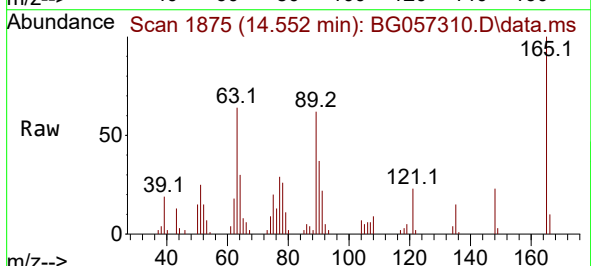
Tgt Ion:165 Resp: 17466

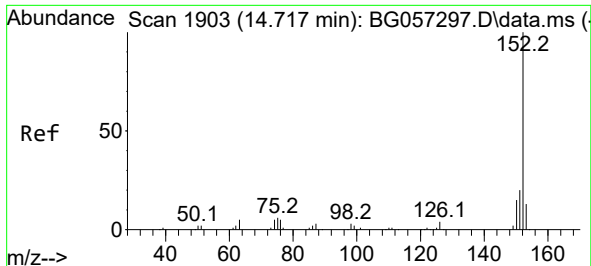
Ion Ratio Lower Upper

165 100

89 61.9 50.6 76.0

121 23.5 16.8 25.2

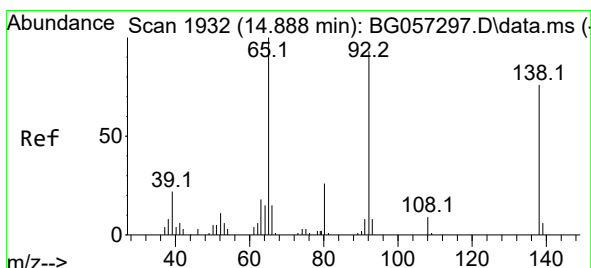
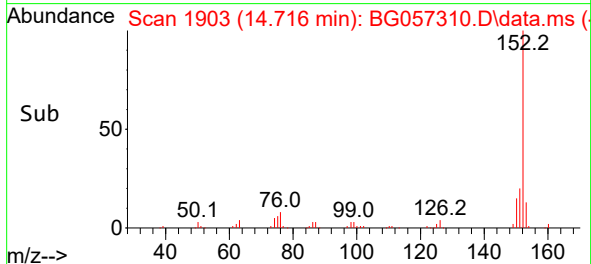
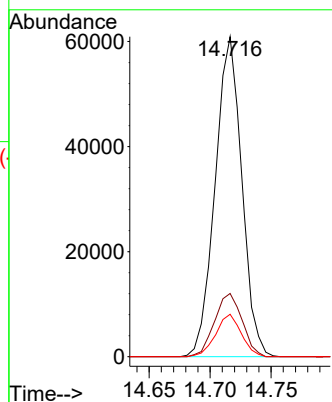
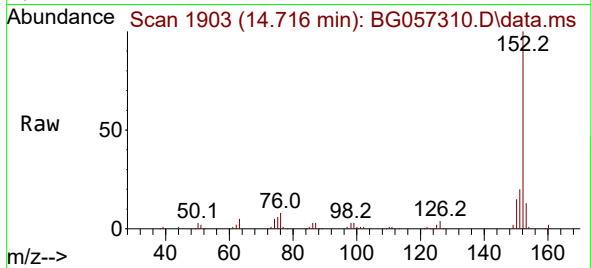




#50
Acenaphthylene
Concen: 21.951 ng/ul
RT: 14.716 min Scan# 1903
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

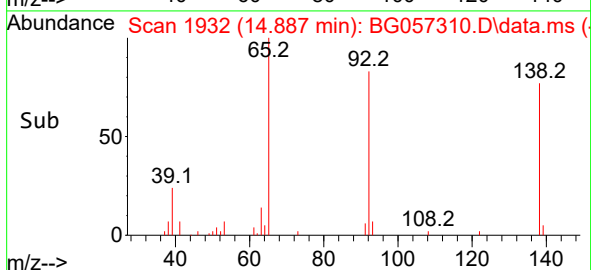
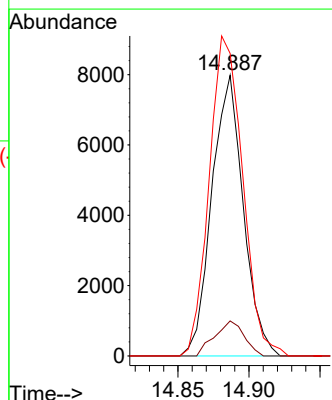
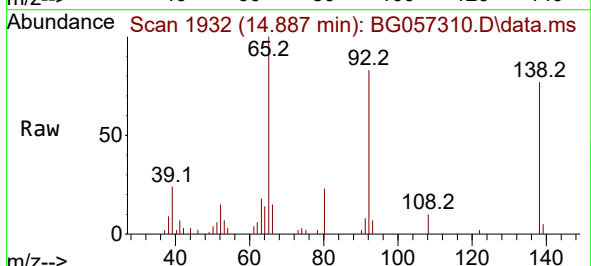
Instrument :
BNA_G
ClientSampleId :
SSTD020475

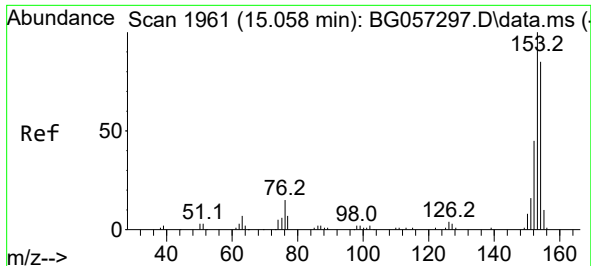
Tgt Ion:152 Resp: 92647
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 22.713 ng/ul
RT: 14.887 min Scan# 1932
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:138 Resp: 12290
Ion Ratio Lower Upper
138 100
108 12.5 9.2 13.8
92 107.8 99.5 149.3

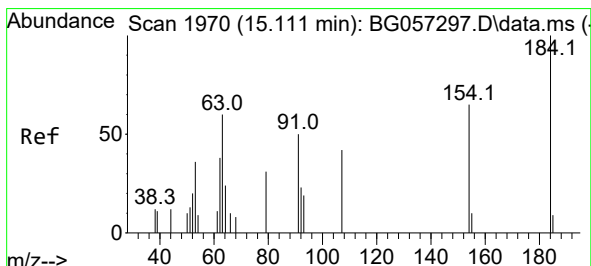
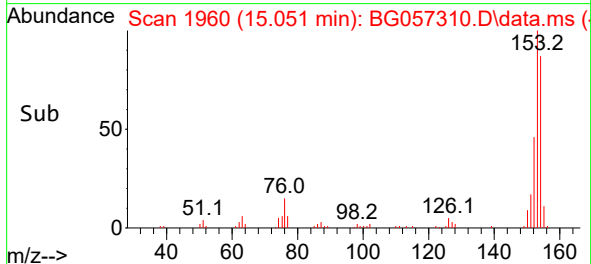
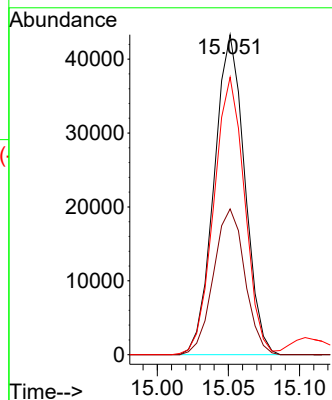
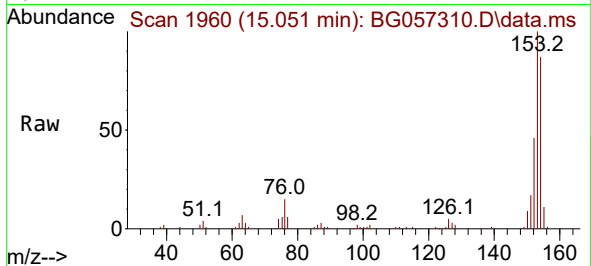




#52
Acenaphthene
Concen: 21.522 ng/ul
RT: 15.051 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

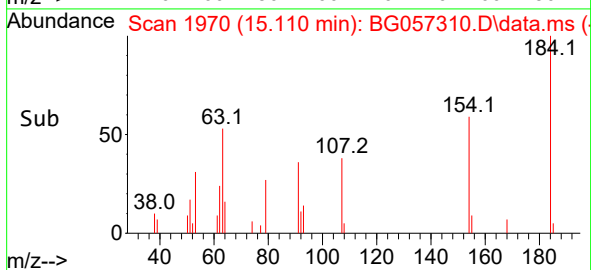
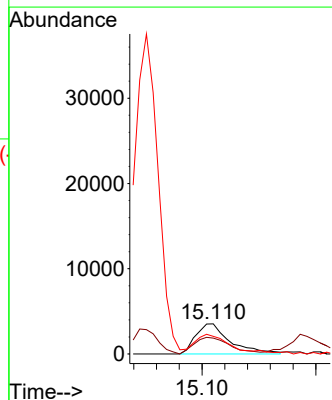
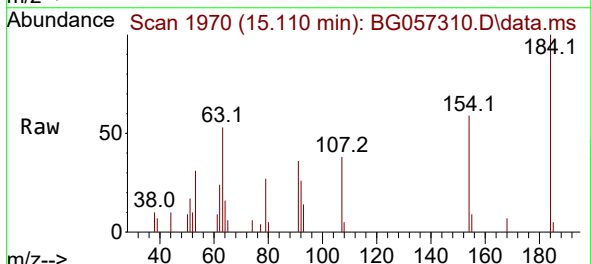
Instrument :
BNA_G
ClientSampleId :
SSTD020475

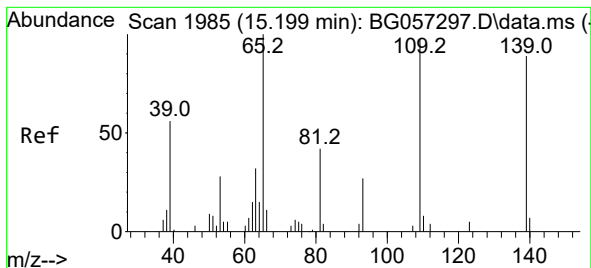
Tgt Ion:153 Resp: 64718
Ion Ratio Lower Upper
153 100
152 45.5 36.5 54.7
154 86.7 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 18.289 ng/ul
RT: 15.110 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:184 Resp: 7438
Ion Ratio Lower Upper
184 100
63 53.0 48.3 72.5
154 58.6 50.0 75.0

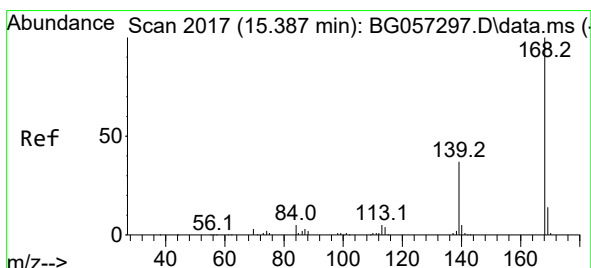
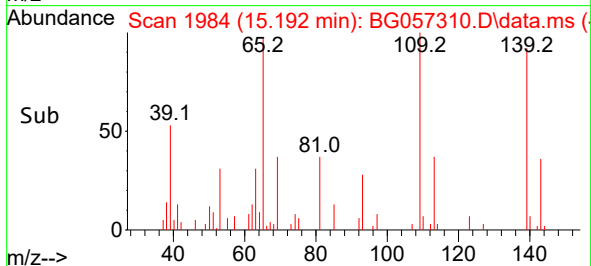
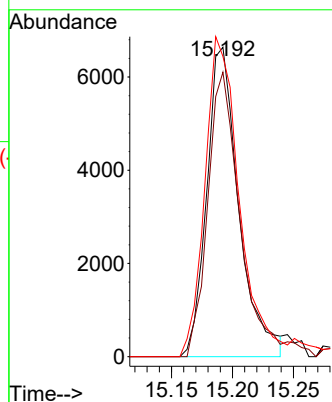
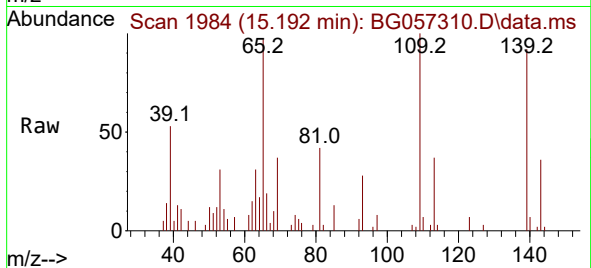




#55
4-Nitrophenol
Concen: 19.919 ng/ul
RT: 15.192 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

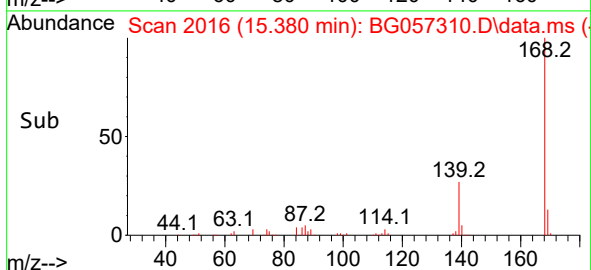
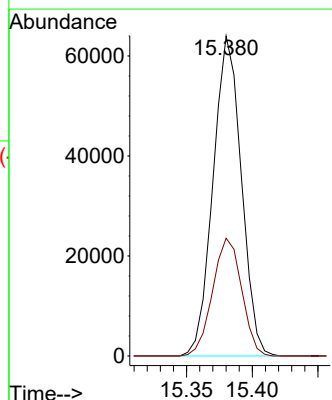
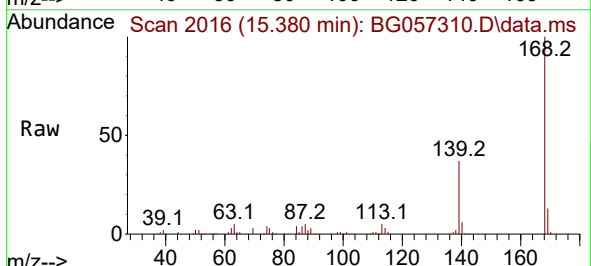
Instrument :
BNA_G
ClientSampleId :
SSTD020475

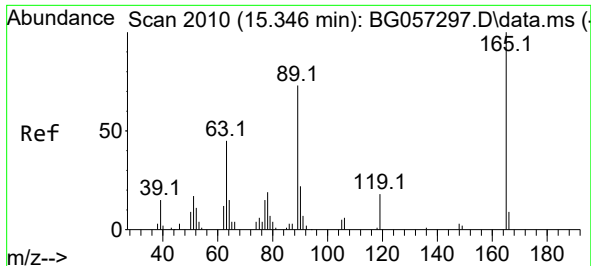
Tgt Ion:109 Resp: 12146
Ion Ratio Lower Upper
109 100
139 92.0 73.8 110.8
65 97.0 81.7 122.5



#56
Dibenzofuran
Concen: 22.016 ng/ul
RT: 15.380 min Scan# 2016
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:168 Resp: 95605
Ion Ratio Lower Upper
168 100
139 36.8 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 23.724 ng/ul

RT: 15.339 min Scan# 2010

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

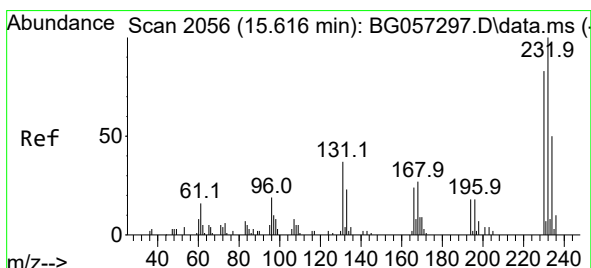
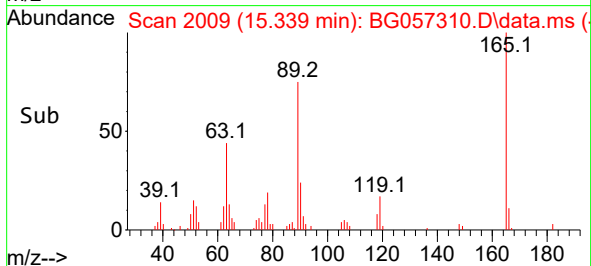
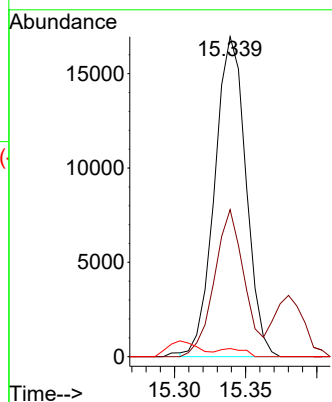
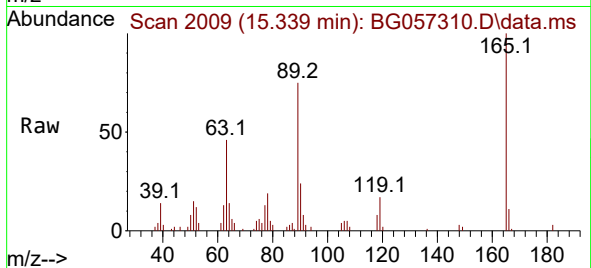
Tgt Ion:165 Resp: 25936

Ion Ratio Lower Upper

165 100

63 46.0 35.9 53.9

182 2.6 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.826 ng/ul

RT: 15.609 min Scan# 2055

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Tgt Ion:232 Resp: 22943

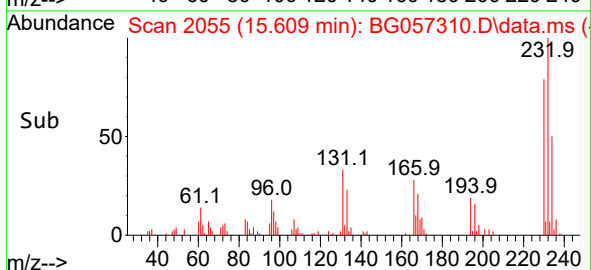
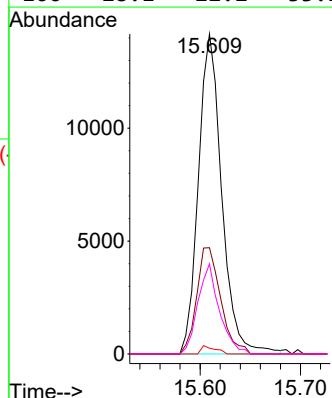
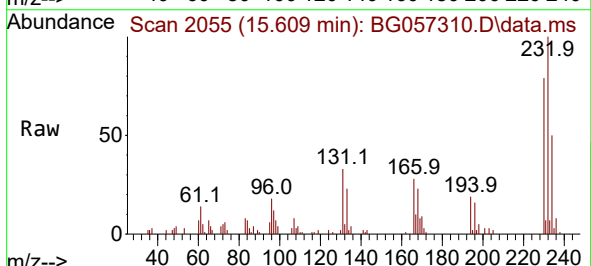
Ion Ratio Lower Upper

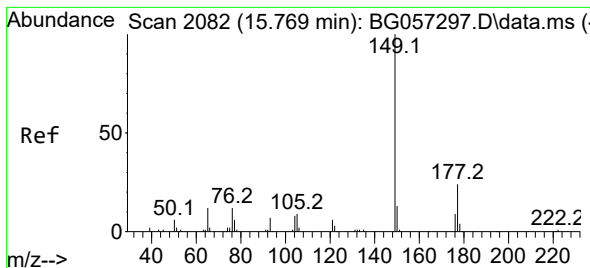
232 100

131 33.2 28.6 43.0

130 1.8 1.8 2.6

166 28.1 22.2 33.2





#59

Diethylphthalate

Concen: 22.170 ng/ul

RT: 15.762 min Scan# 2082

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

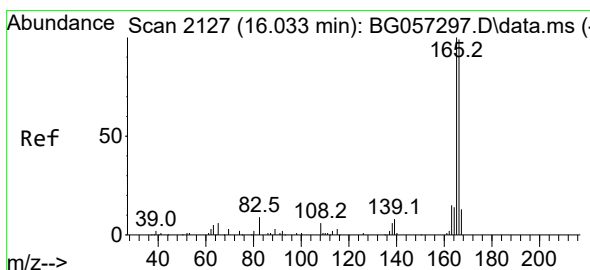
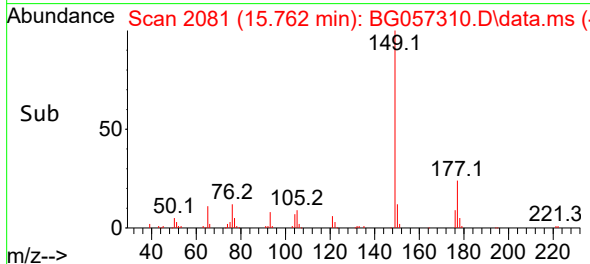
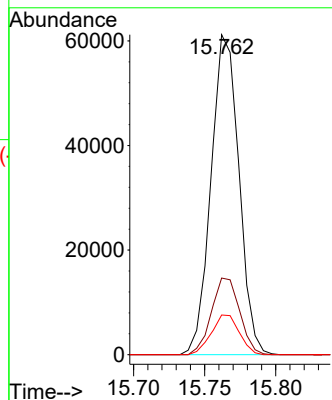
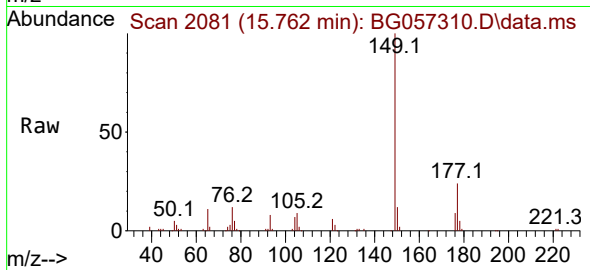
Tgt Ion:149 Resp: 83584

Ion Ratio Lower Upper

149 100

177 23.9 18.6 28.0

150 12.4 9.8 14.8



#61

Fluorene

Concen: 22.303 ng/ul

RT: 16.026 min Scan# 2126

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

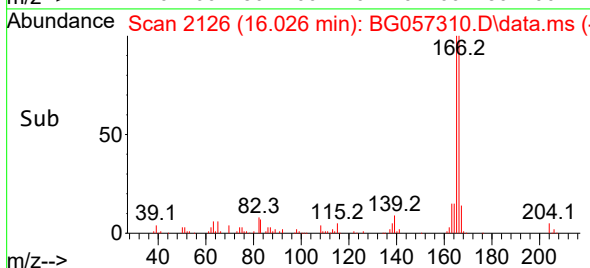
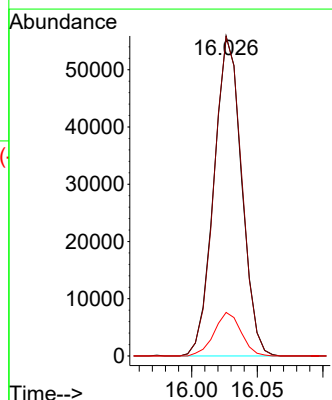
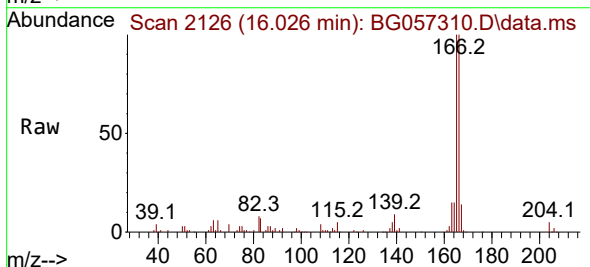
Tgt Ion:166 Resp: 81894

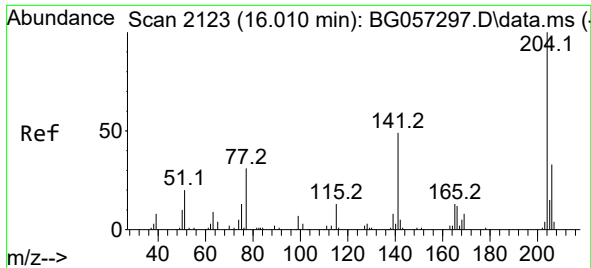
Ion Ratio Lower Upper

166 100

165 99.7 80.1 120.1

167 13.6 10.2 15.4





#62

4-Chlorophenyl-phenylether

Concen: 21.516 ng/ul

RT: 16.003 min Scan# 2122

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

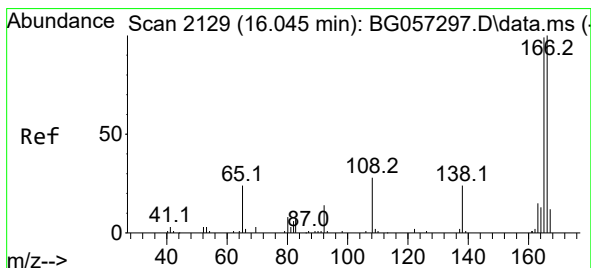
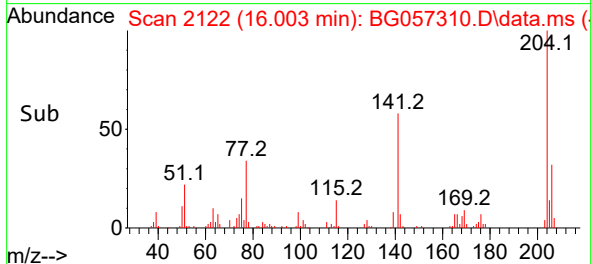
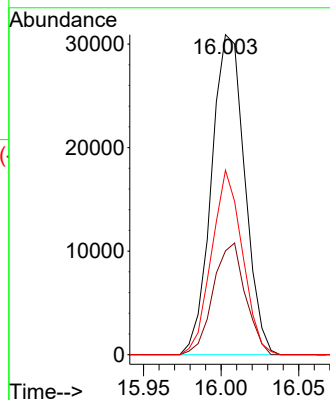
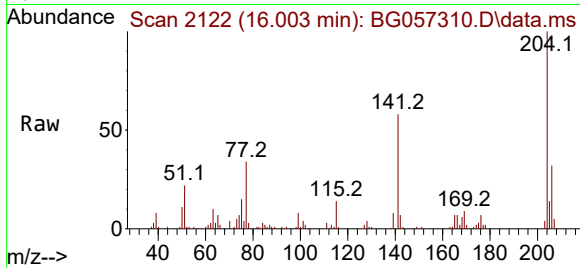
Tgt Ion:204 Resp: 46112

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

141 57.7 41.5 62.3



#63

4-Nitroaniline

Concen: 21.291 ng/ul

RT: 16.044 min Scan# 2129

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

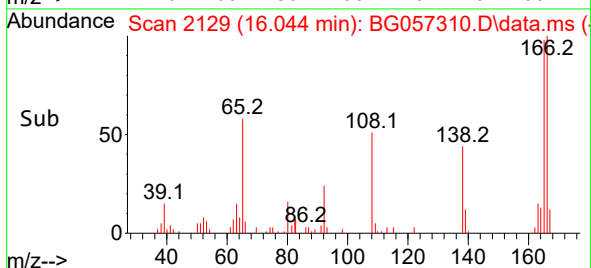
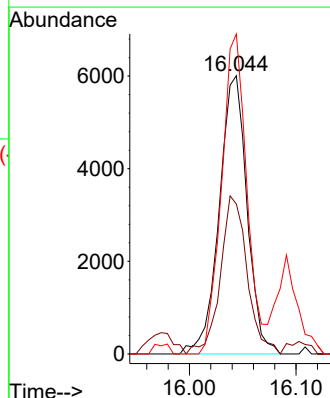
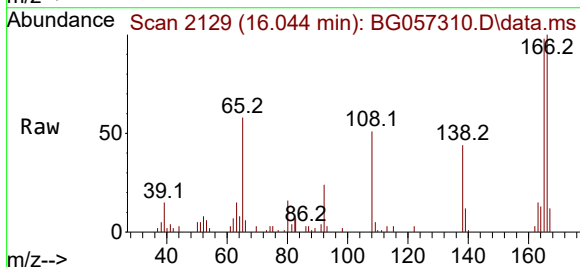
Tgt Ion:138 Resp: 10910

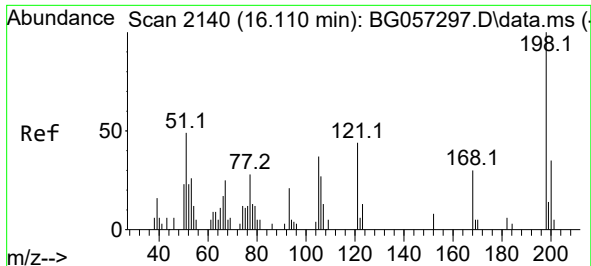
Ion Ratio Lower Upper

138 100

92 53.9 39.9 59.9

108 115.0 89.1 133.7

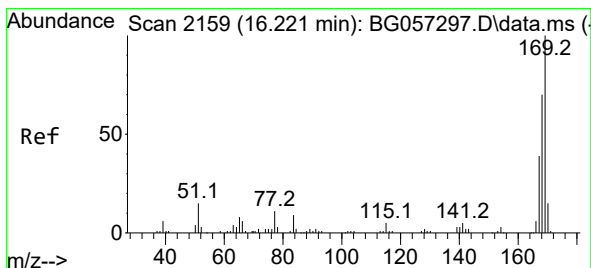
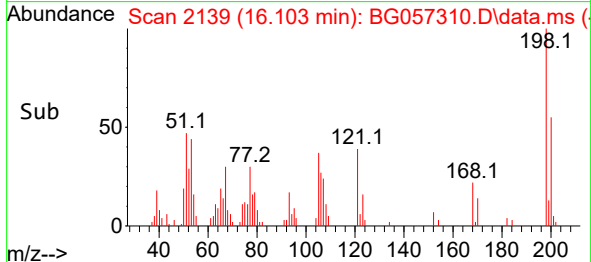
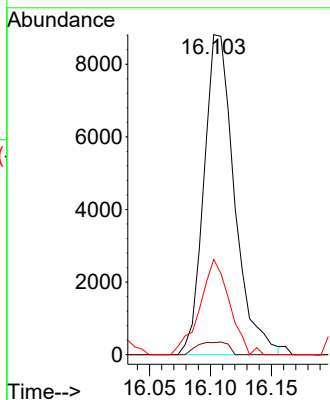
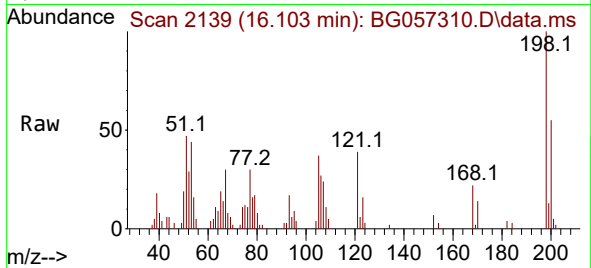




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.409 ng/ul
 RT: 16.103 min Scan# 2140
 Delta R.T. -0.009 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

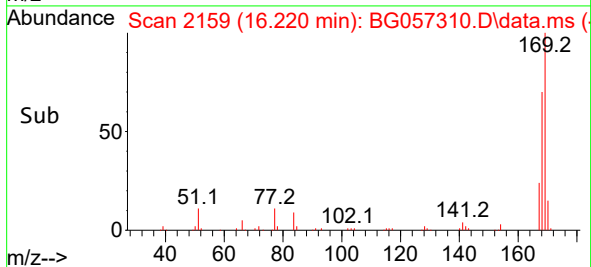
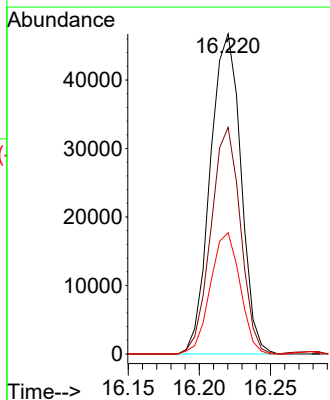
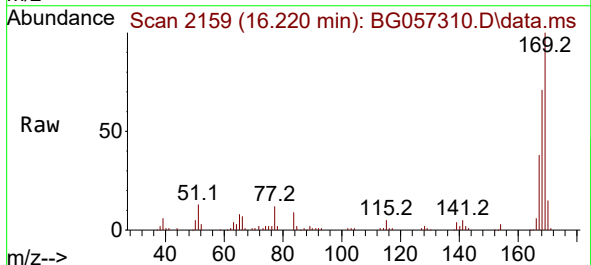
Instrument :
 BNA_G
 ClientSampleId :
 SST020475

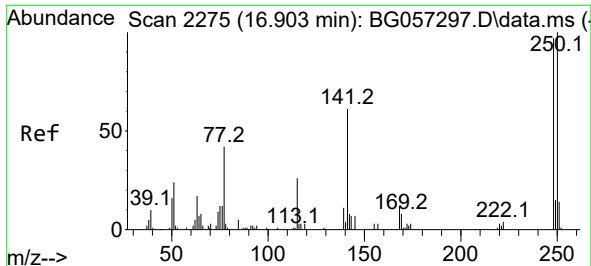
Tgt Ion:198 Resp: 15345
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.0 4.6
 77 29.8 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 21.525 ng/ul
 RT: 16.220 min Scan# 2159
 Delta R.T. -0.009 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

Tgt Ion:169 Resp: 70022
 Ion Ratio Lower Upper
 169 100
 168 70.8 55.4 83.2
 167 37.9 31.0 46.4

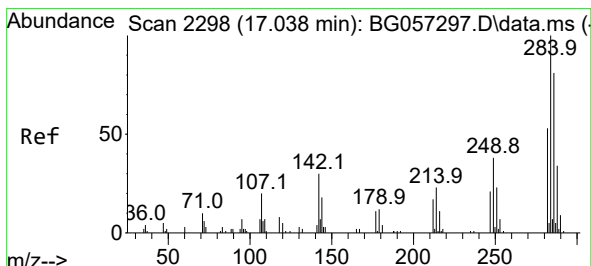
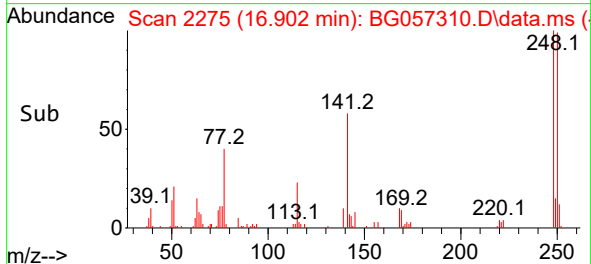
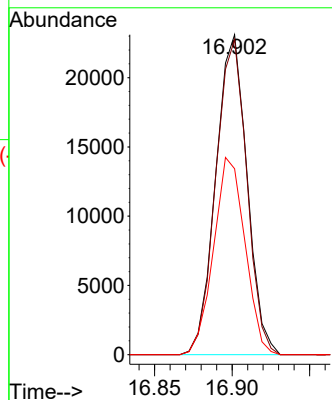
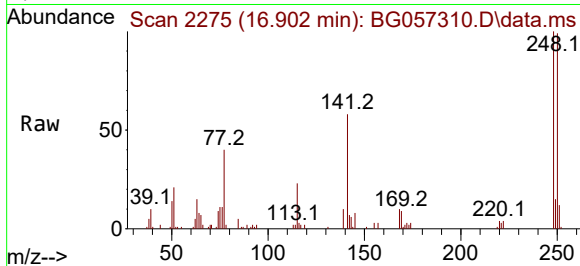




#68
4-Bromophenyl-phenylether
Concen: 21.771 ng/ul
RT: 16.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

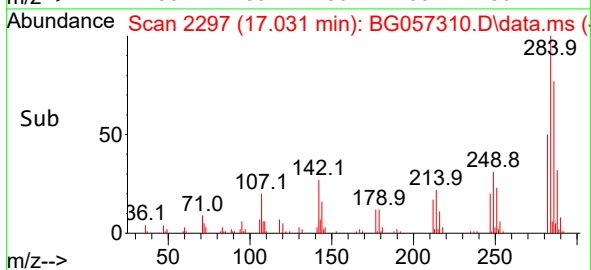
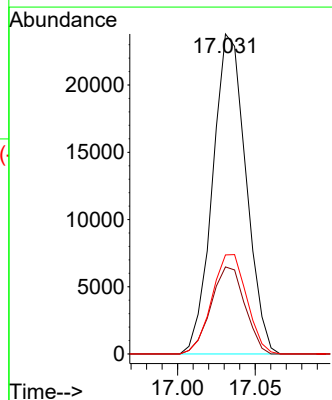
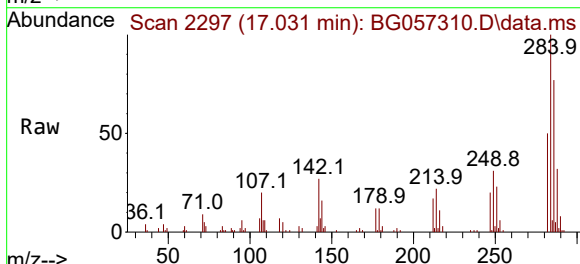
Instrument :
BNA_G
ClientSampleId :
SSTD020475

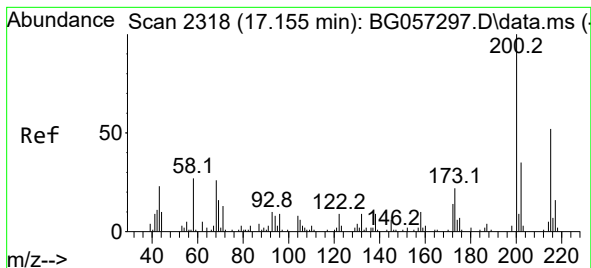
Tgt Ion:248 Resp: 32406
Ion Ratio Lower Upper
248 100
250 98.5 74.8 112.2
141 58.1 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.685 ng/ul
RT: 17.031 min Scan# 2297
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:284 Resp: 35556
Ion Ratio Lower Upper
284 100
142 27.2 22.6 33.8
249 30.9 26.2 39.2





#70

Atrazine

Concen: 22.311 ng/ul

RT: 17.148 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

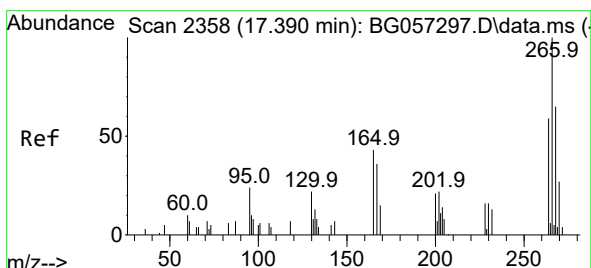
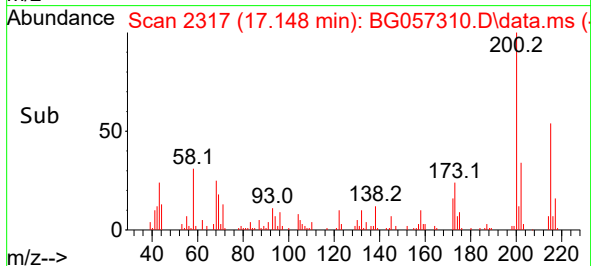
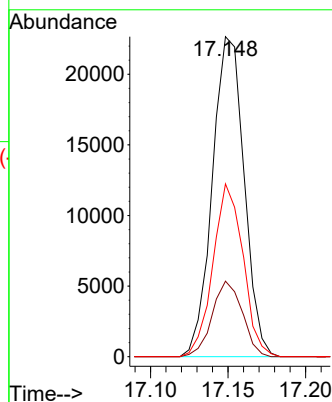
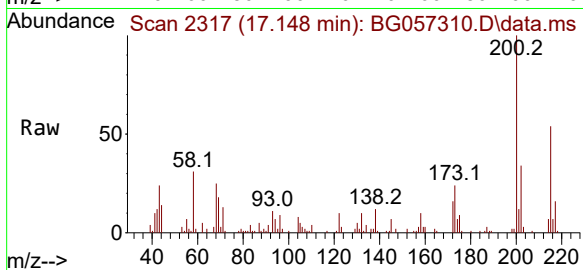
Tgt Ion:200 Resp: 32257

Ion Ratio Lower Upper

200 100

173 23.6 17.8 26.6

215 54.0 40.3 60.5



#71

Pentachlorophenol

Concen: 15.437 ng/ul

RT: 17.383 min Scan# 2357

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

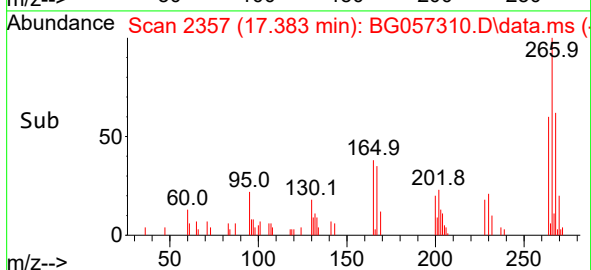
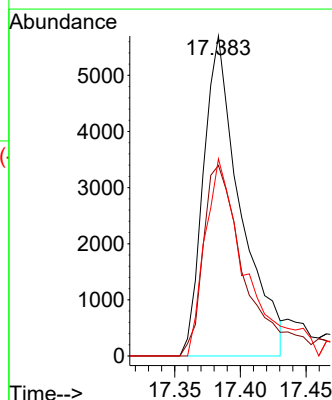
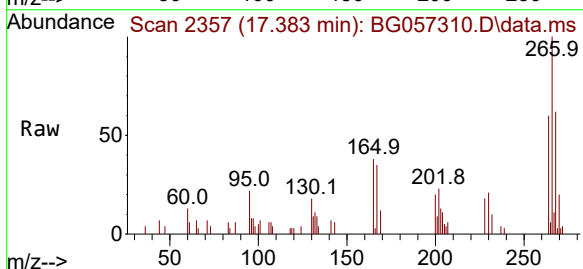
Tgt Ion:266 Resp: 11184

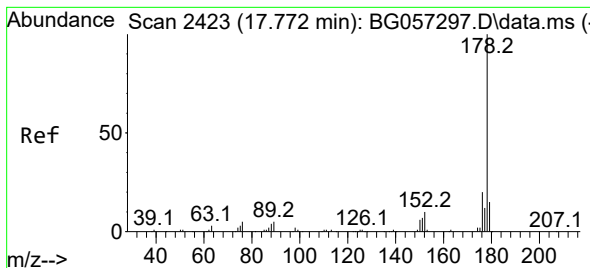
Ion Ratio Lower Upper

266 100

264 59.5 47.8 71.6

268 61.6 48.2 72.4





#72

Phenanthrene

Concen: 22.243 ng/ul

RT: 17.771 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

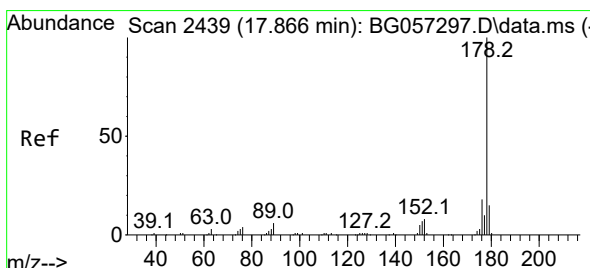
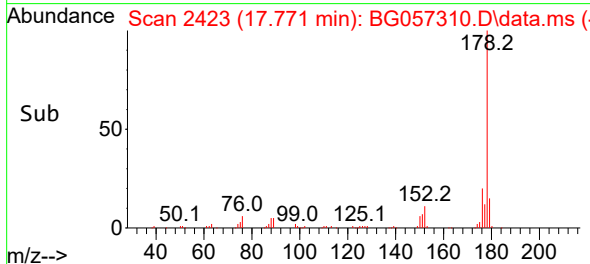
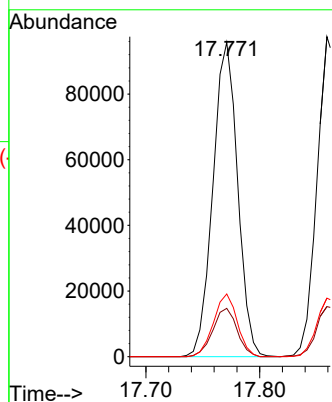
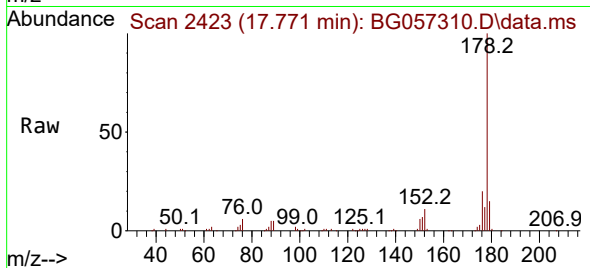
Tgt Ion:178 Resp: 144248

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 20.0 15.4 23.0



#74

Anthracene

Concen: 22.358 ng/ul

RT: 17.859 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

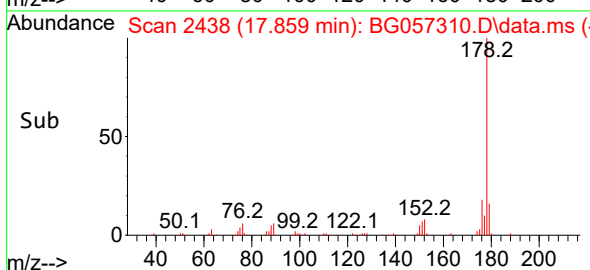
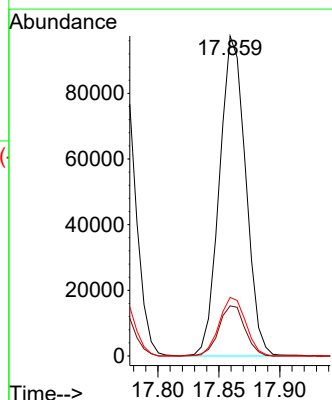
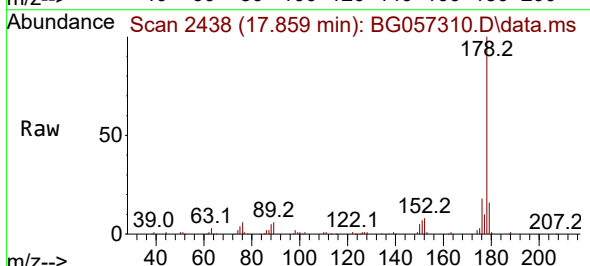
Tgt Ion:178 Resp: 145648

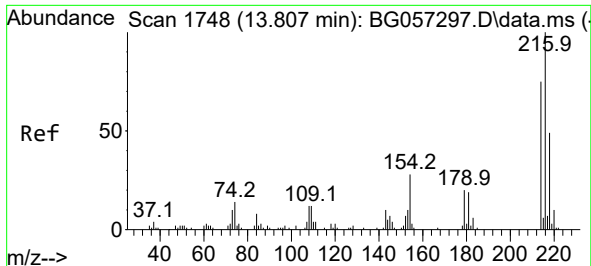
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.3 14.7 22.1

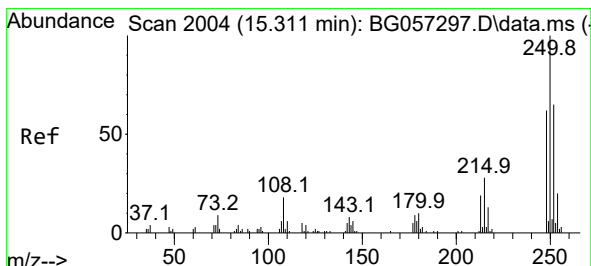
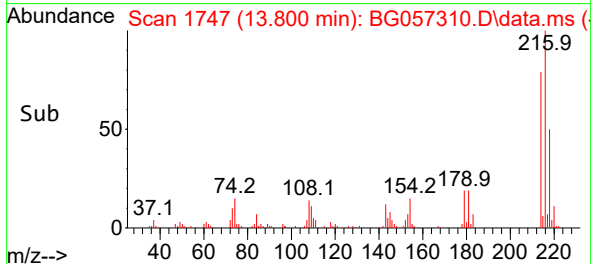
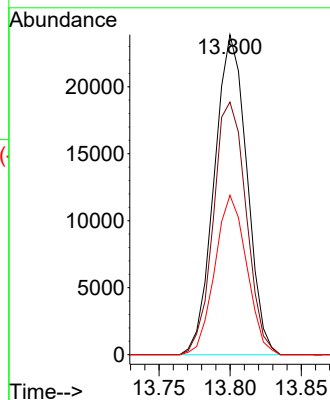
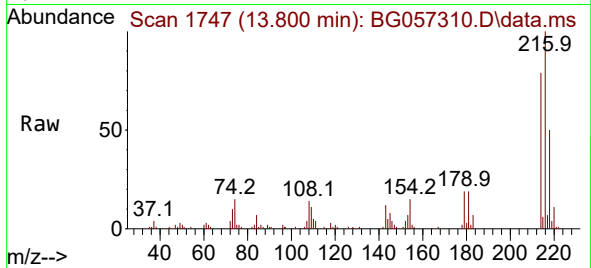




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.309 ng/uL
RT: 13.800 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

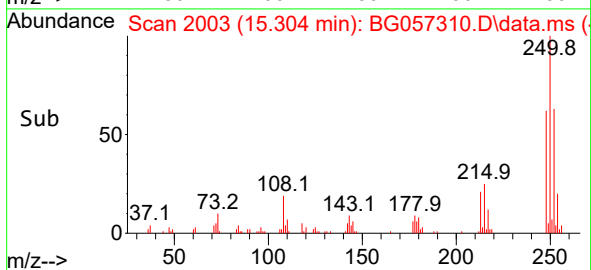
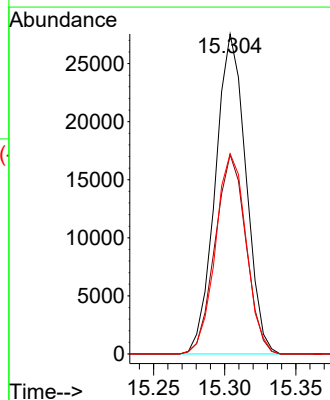
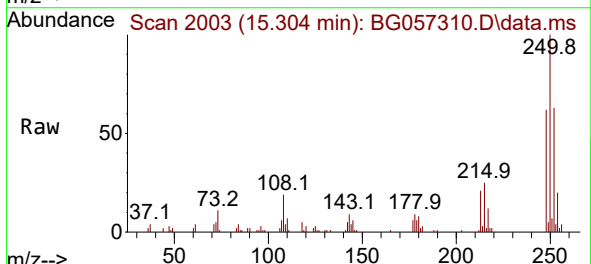
Instrument :
BNA_G
ClientSampleId :
SSTD020475

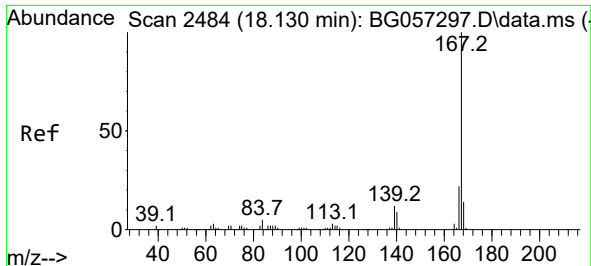
Tgt Ion:216 Resp: 38041
Ion Ratio Lower Upper
216 100
214 79.0 64.3 96.5
218 49.8 38.5 57.7



#76
Pentachlorobenzene
Concen: 21.598 ng/uL
RT: 15.304 min Scan# 2003
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:250 Resp: 41180
Ion Ratio Lower Upper
250 100
248 62.3 52.2 78.2
252 62.5 52.5 78.7

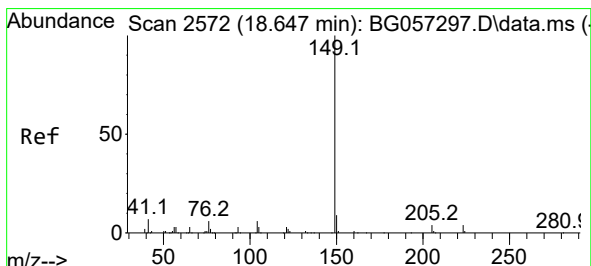
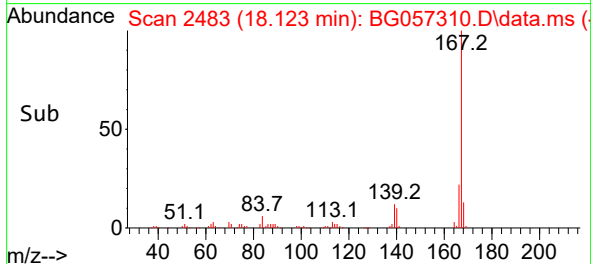
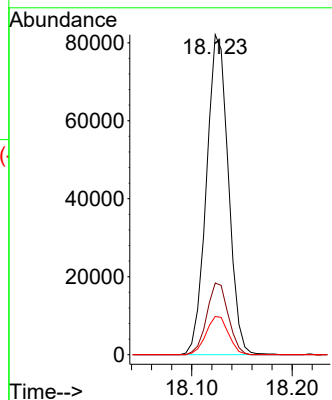
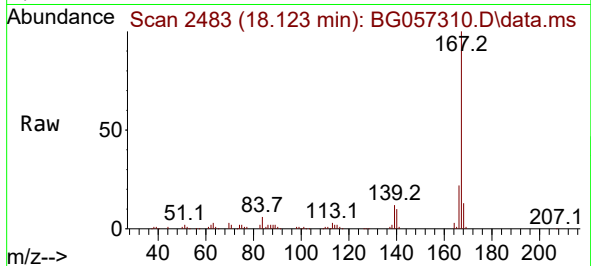




#77
 Carbazole
 Concen: 22.860 ng/ul
 RT: 18.123 min Scan# 2483
 Delta R.T. -0.009 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

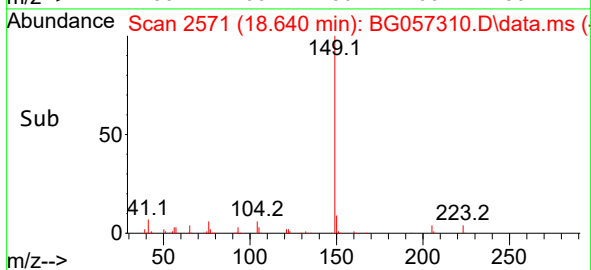
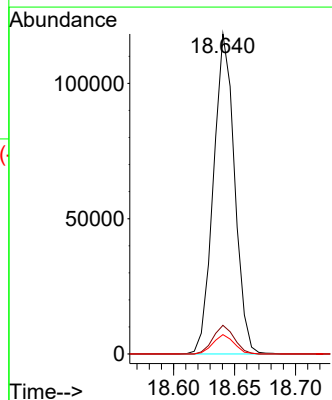
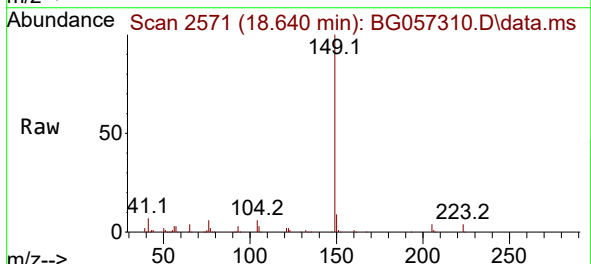
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020475

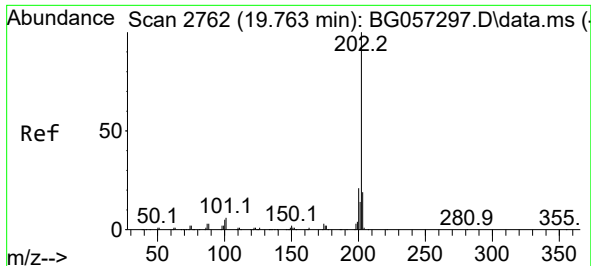
Tgt Ion:167 Resp: 124449
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 12.0 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.914 ng/ul
 RT: 18.640 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

Tgt Ion:149 Resp: 142644
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 6.0 5.0 7.6

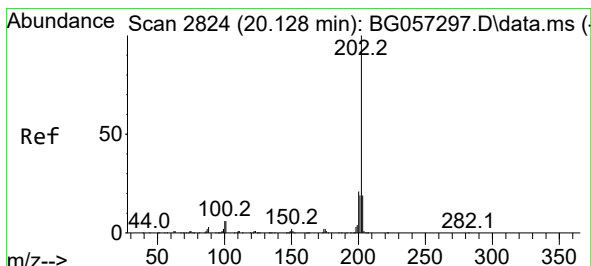
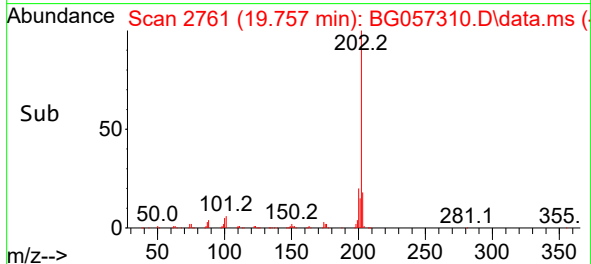
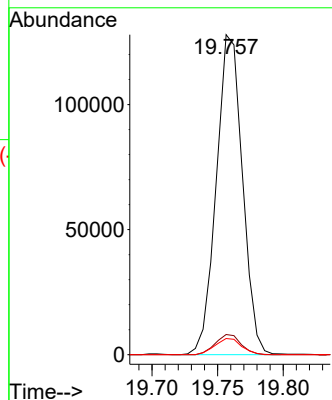
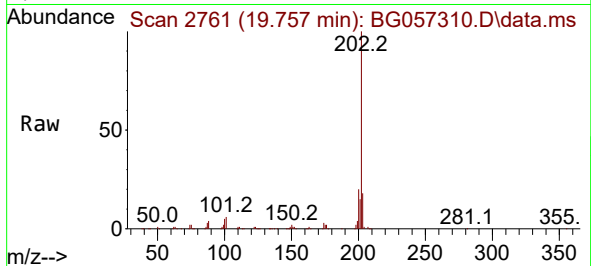




#80
 Fluoranthene
 Concen: 23.054 ng/ul
 RT: 19.757 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

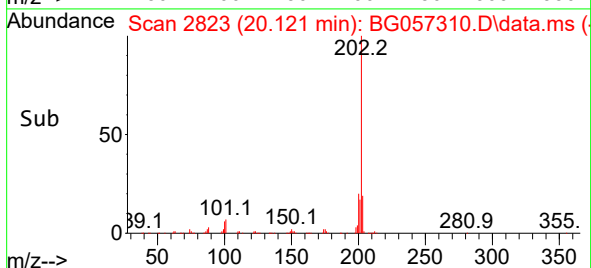
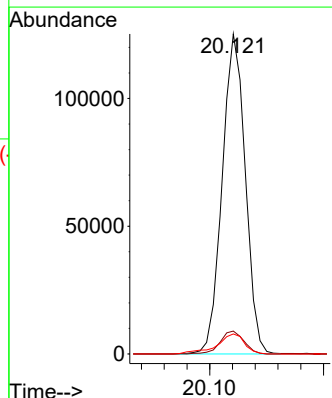
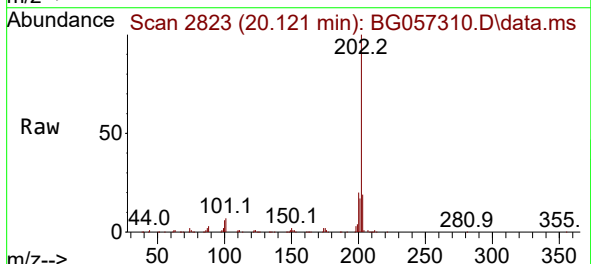
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020475

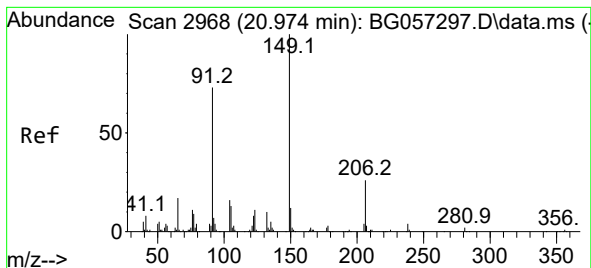
Tgt Ion:202 Resp: 177231
 Ion Ratio Lower Upper
 202 100
 101 6.3 5.8 8.6
 100 5.0 4.6 7.0



#82
 Pyrene
 Concen: 22.706 ng/ul
 RT: 20.121 min Scan# 2823
 Delta R.T. -0.003 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

Tgt Ion:202 Resp: 176710
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.7 8.5
 100 6.2 6.0 9.0





#83

Butylbenzylphthalate

Concen: 23.826 ng/ul

RT: 20.973 min Scan# 2968

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

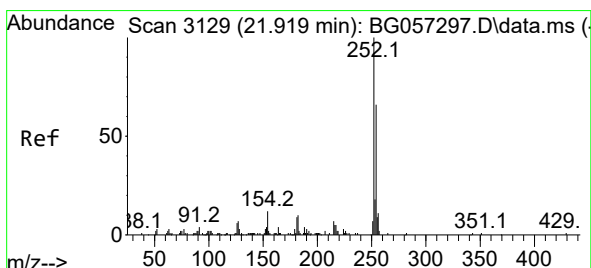
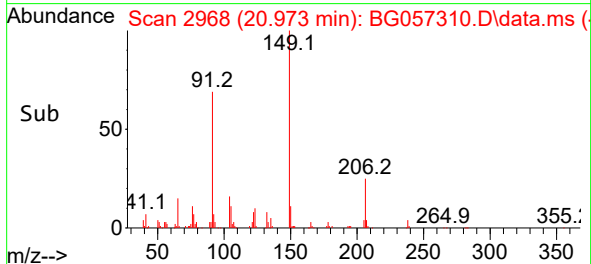
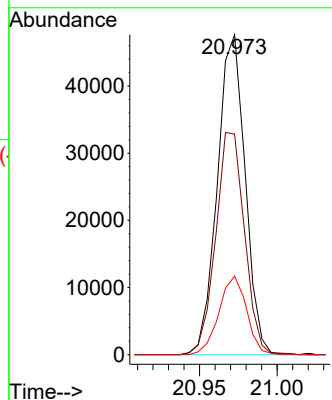
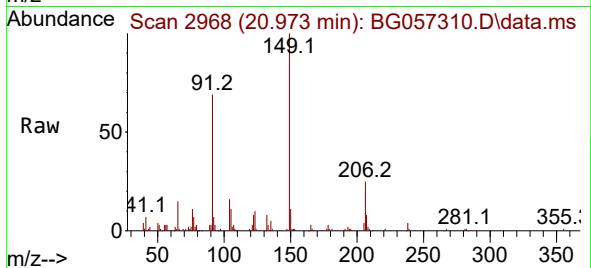
Tgt Ion:149 Resp: 59384

Ion Ratio Lower Upper

149 100

91 69.0 58.6 87.8

206 24.5 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 23.709 ng/ul

RT: 21.912 min Scan# 3128

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

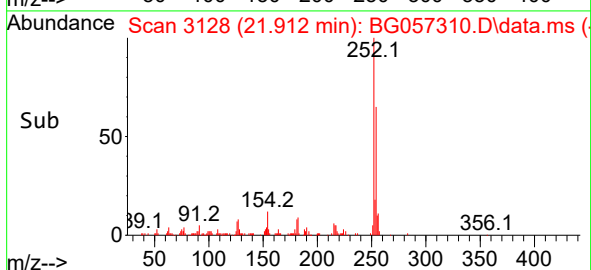
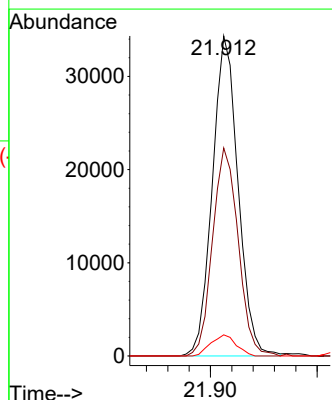
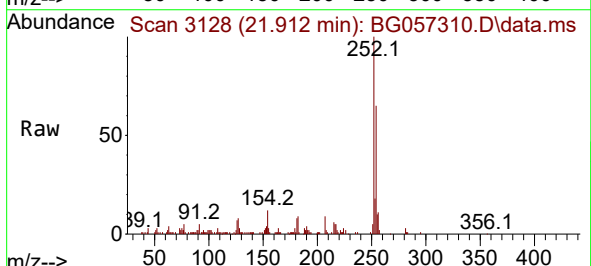
Tgt Ion:252 Resp: 57410

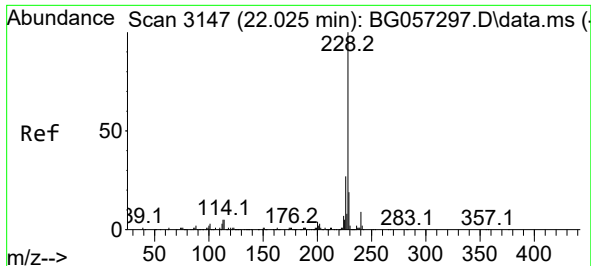
Ion Ratio Lower Upper

252 100

254 65.0 53.7 80.5

126 6.6 5.2 7.8

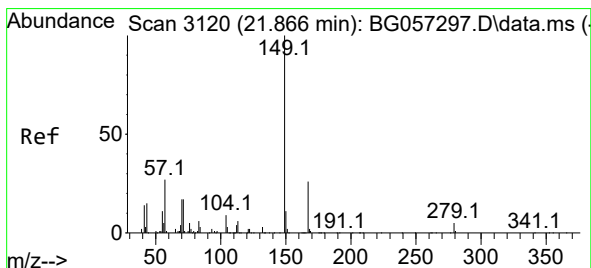
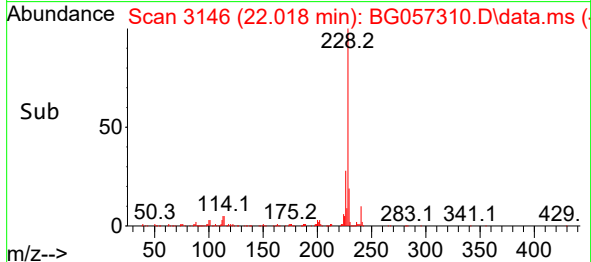
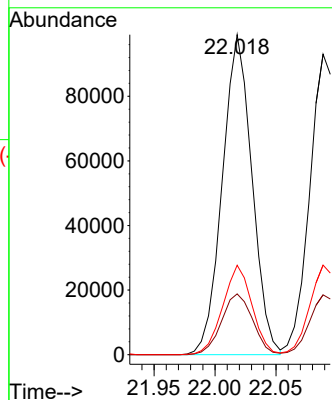
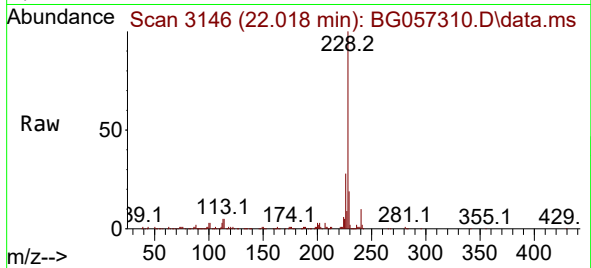




#85
Benzo(a)anthracene
Concen: 21.763 ng/ul
RT: 22.018 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

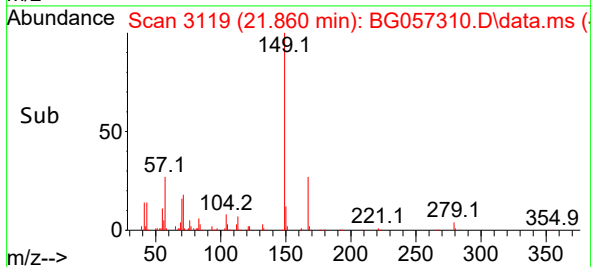
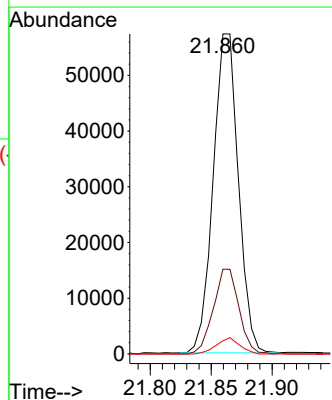
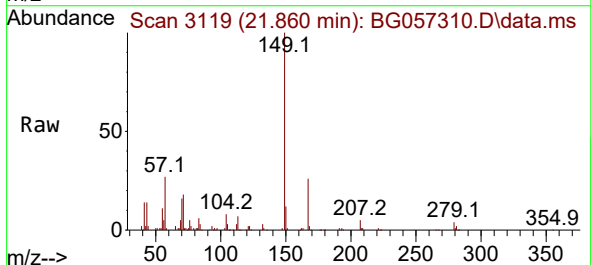
Instrument :
BNA_G
ClientSampleId :
SSTD020475

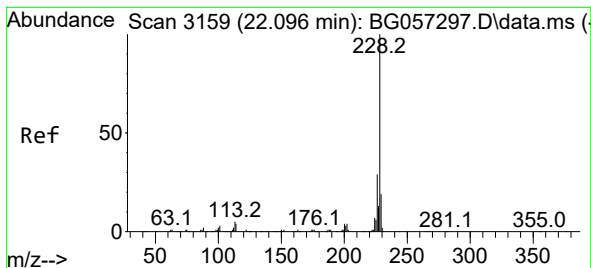
Tgt Ion:228 Resp: 167823
Ion Ratio Lower Upper
228 100
229 19.0 15.8 23.6
226 27.9 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.707 ng/ul
RT: 21.860 min Scan# 3119
Delta R.T. -0.015 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:149 Resp: 82311
Ion Ratio Lower Upper
149 100
167 26.5 23.0 34.6
279 4.1 3.6 5.4





#87

Chrysene

Concen: 21.723 ng/ul

RT: 22.089 min Scan# 3158

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

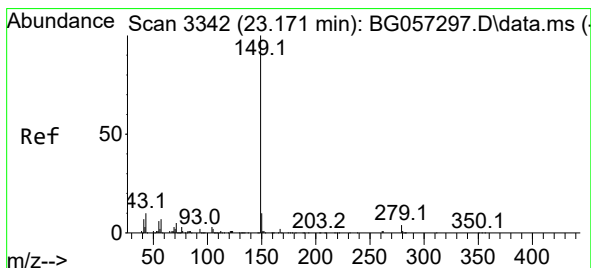
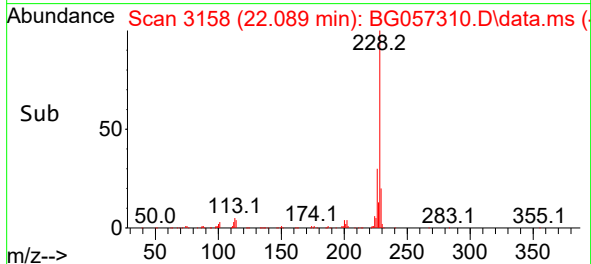
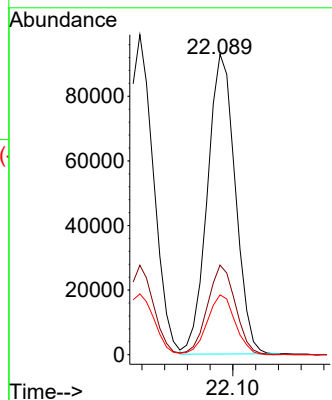
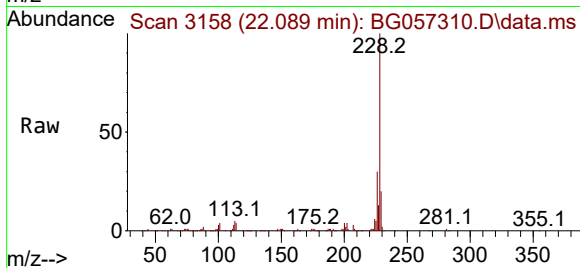
Tgt Ion:228 Resp: 158044

Ion Ratio Lower Upper

228 100

226 29.8 22.8 34.2

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 22.574 ng/ul

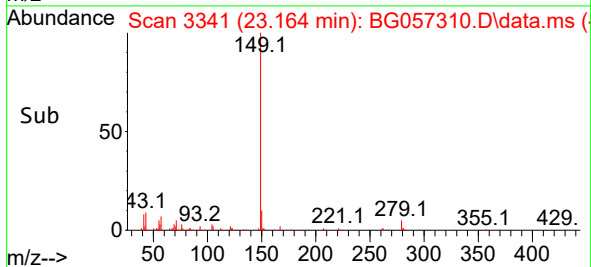
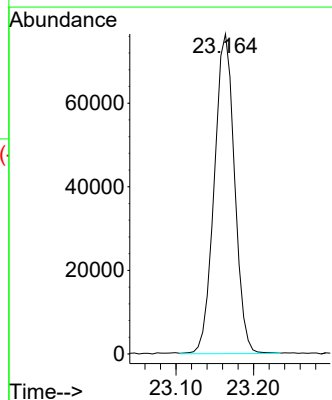
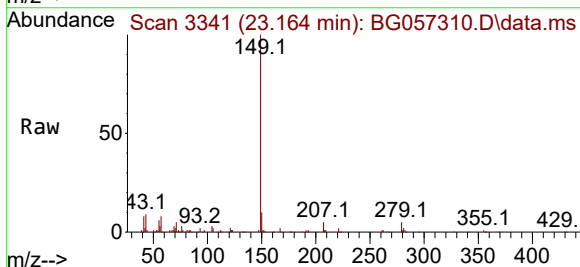
RT: 23.164 min Scan# 3341

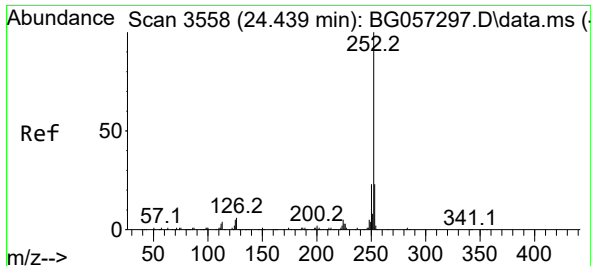
Delta R.T. -0.015 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Tgt Ion:149 Resp: 139003

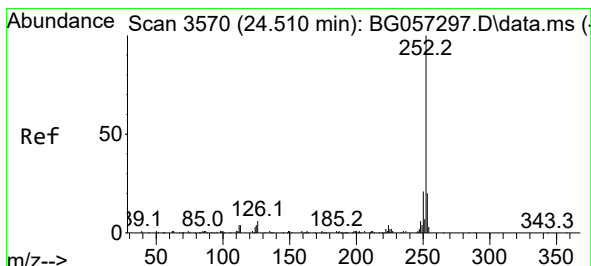
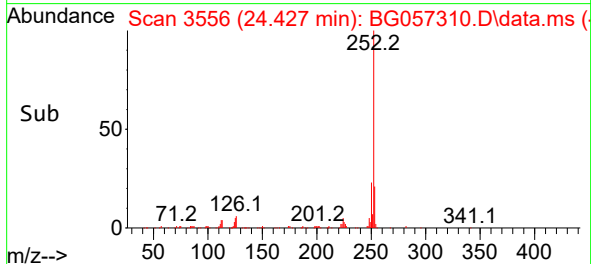
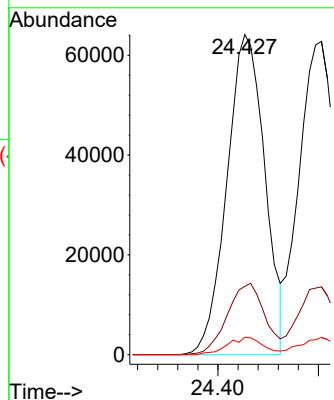
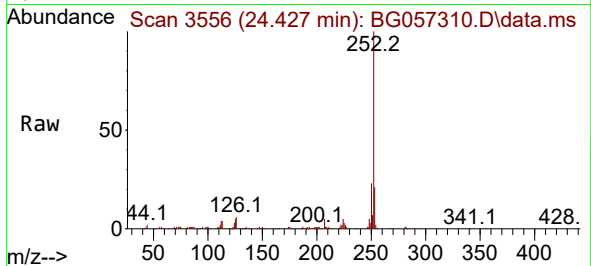




#90
Benzo(b)fluoranthene
Concen: 21.818 ng/ul
RT: 24.427 min Scan# 3558
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

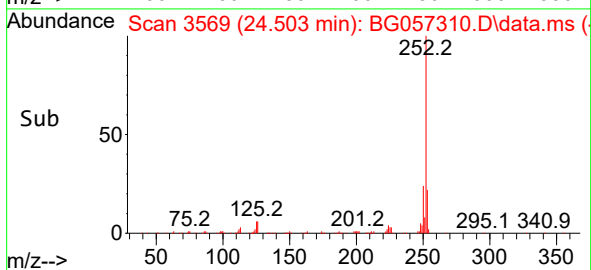
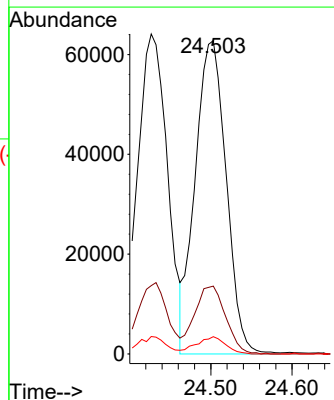
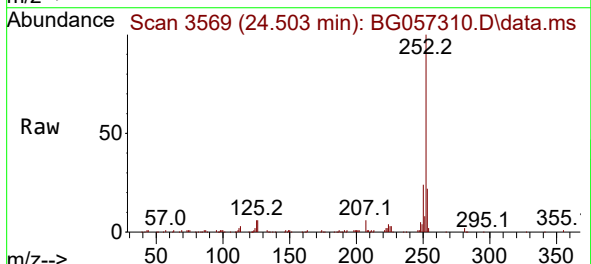
Instrument :
BNA_G
ClientSampleId :
SSTD020475

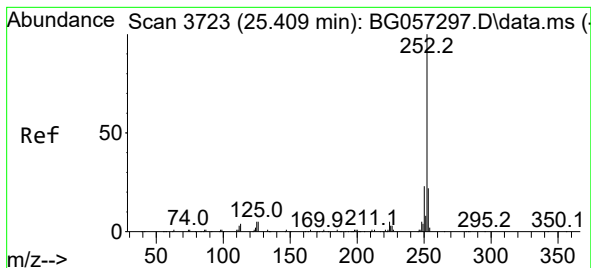
Tgt Ion:252 Resp: 168477
Ion Ratio Lower Upper
252 100
253 21.3 16.7 25.1
125 5.5 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 22.154 ng/ul
RT: 24.503 min Scan# 3569
Delta R.T. -0.009 min
Lab File: BG057310.D
Acq: 4 May 2023 20:53

Tgt Ion:252 Resp: 166429
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 5.5 4.5 6.7





#93

Benzo(a)pyrene

Concen: 22.431 ng/ul

RT: 25.390 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

Instrument :

BNA_G

ClientSampleId :

SSTD020475

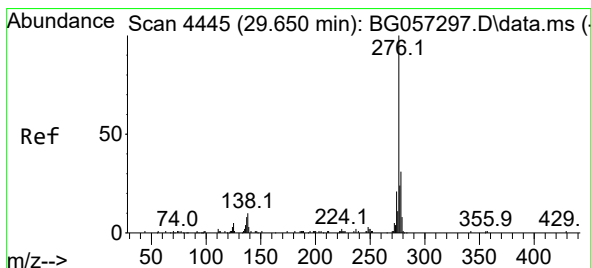
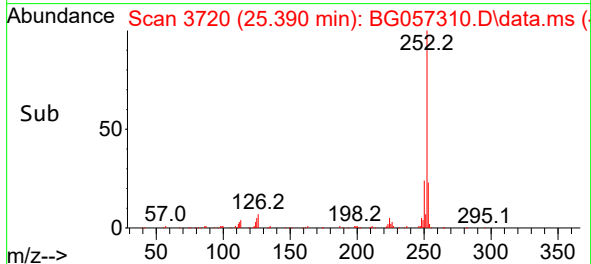
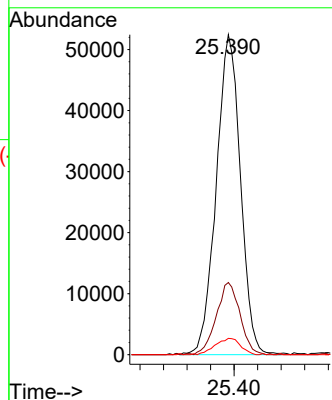
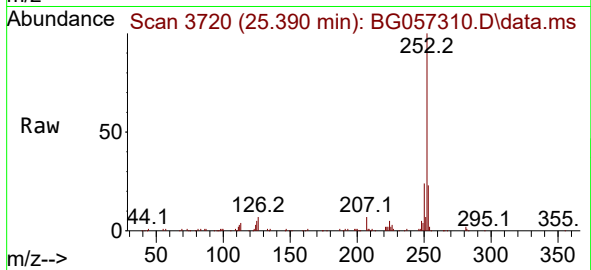
Tgt Ion:252 Resp: 149536

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 5.1 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.643 ng/ul

RT: 29.614 min Scan# 4439

Delta R.T. -0.009 min

Lab File: BG057310.D

Acq: 4 May 2023 20:53

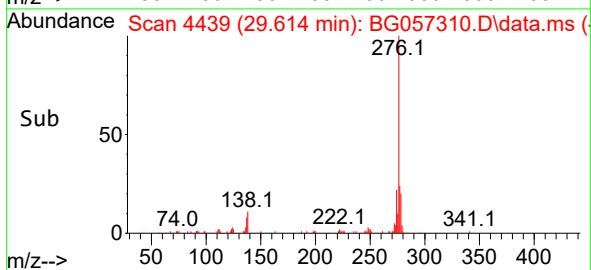
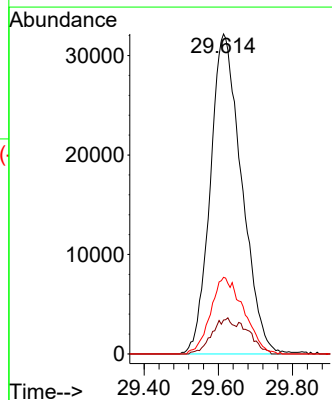
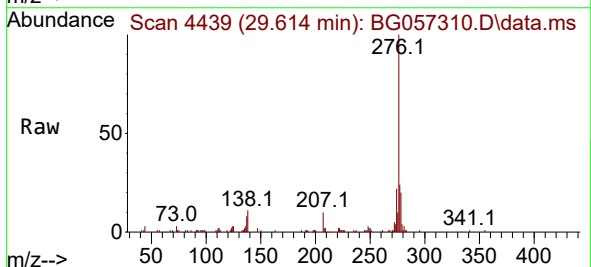
Tgt Ion:276 Resp: 188690

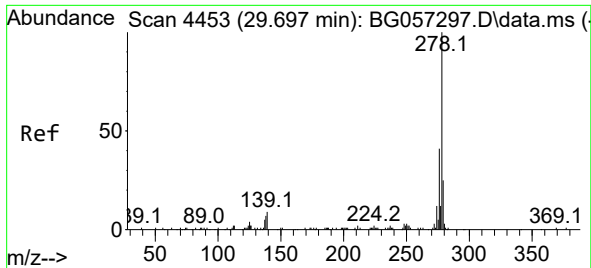
Ion Ratio Lower Upper

276 100

138 10.6 9.4 14.2

277 23.9 18.6 28.0

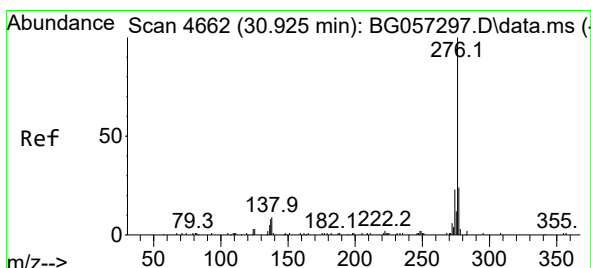
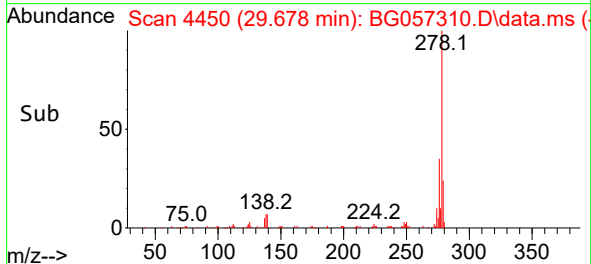
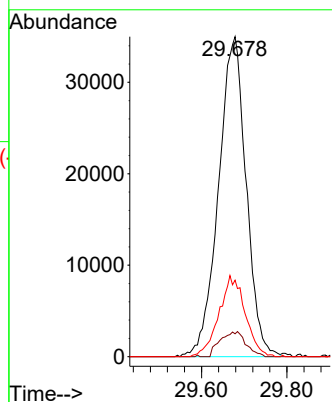
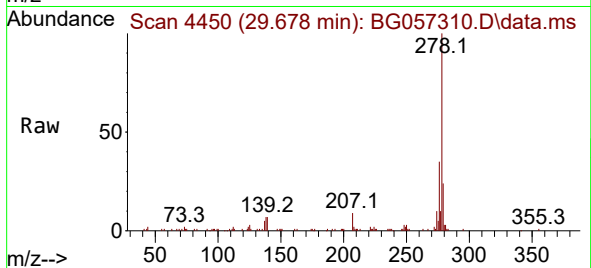




#95
 Dibenzo(a,h)anthracene
 Concen: 22.803 ng/ul
 RT: 29.678 min Scan# 4450
 Delta R.T. -0.015 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020475

Tgt Ion:278 Resp: 157568
 Ion Ratio Lower Upper
 278 100
 139 7.2 5.8 8.6
 279 23.9 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 22.460 ng/ul
 RT: 30.894 min Scan# 4657
 Delta R.T. -0.015 min
 Lab File: BG057310.D
 Acq: 4 May 2023 20:53

Tgt Ion:276 Resp: 151475
 Ion Ratio Lower Upper
 276 100
 138 9.9 8.7 13.1
 277 23.7 18.4 27.6

