

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057321.D
 Acq On : 5 May 2023 17:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020477

Quant Time: May 05 23:55:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	15344	20.000	ng/u1	0.00
20) Naphthalene-d8	11.210	136	64268	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.987	164	50465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.724	188	123997	20.000	ng/u1	0.00
79) Chrysene-d12	22.042	240	103171	20.000	ng/u1	# 0.00
88) Perylene-d12	25.561	264	108978	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	2584	7.411	ng/uL	0.00
4) Pyridine-d5	4.096	84	20868	18.983	ng/u1	0.00
7) Phenol-d5	7.515	99	30323	20.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	15976	18.718	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	20550	21.490	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	23424	21.239	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	11265	22.010	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	14028	23.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	27298	23.689	ng/u1	0.00
31) 4-Chloroaniline-d4	11.339	131	33882	22.184	ng/u1	0.00
46) Dimethylphthalate-d6	14.370	166	85311	21.335	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	99958	22.241	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	10558	18.139	ng/u1	0.00
60) Fluorene-d10	15.974	176	81954	22.001	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	14577	19.842	ng/u1	0.00
73) Anthracene-d10	17.824	188	125175	22.116	ng/u1	0.00
81) Pyrene-d10	20.092	212	141789	23.153	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.314	264	120596	21.721	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	3018	8.162	ng/uL	94
5) Pyridine	4.113	79	22097	19.069	ng/u1	92
6) Benzaldehyde	7.497	77	9944	22.437	ng/u1	91
8) Phenol	7.538	94	29760	20.348	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.773	93	21387	19.538	ng/u1	93
12) 2-Chlorophenol	7.932	128	22473	22.374	ng/u1	99
13) 2-Methylphenol	8.813	108	23629	20.846	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.889	45	16406	11.625	ng/u1	97
16) Acetophenone	9.200	105	39739	20.940	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.171	70	20686	18.968	ng/u1#	95
18) 4-Methylphenol	9.142	108	24986	20.365	ng/u1	95
19) Hexachloroethane	9.471	117	9508	22.625	ng/u1	96
22) Nitrobenzene	9.594	77	31847	20.896	ng/u1	95
23) Isophorone	10.111	82	58819	20.285	ng/u1	99
25) 2-Nitrophenol	10.311	139	14320	23.670	ng/u1	98
26) 2,4-Dimethylphenol	10.352	107	30622	22.313	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.587	93	30318	20.114	ng/u1	99
29) 2,4-Dichlorophenol	10.851	162	25432	23.251	ng/u1	97
30) Naphthalene	11.262	128	77796	22.047	ng/u1	99
32) 4-Chloroaniline	11.362	127	34888	21.923	ng/u1	97
33) Hexachlorobutadiene	11.533	225	21695	23.385	ng/u1	94
34) Caprolactam	12.108	113	7727	20.984	ng/u1#	81
35) 4-Chloro-3-methylphenol	12.461	107	28412	22.576	ng/u1	95
36) 2-Methylnaphthalene	12.843	142	58026	22.423	ng/u1	98

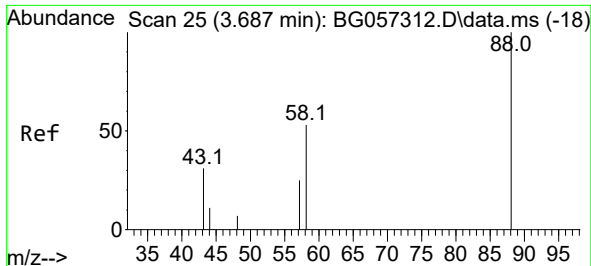
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.054	142	59771	22.971	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.201	216	42744	23.308	ng/ul	99
40) Hexachlorocyclopentadiene	13.172	237	21808	23.829	ng/ul	92
41) 2,4,6-Trichlorophenol	13.436	196	25251	23.642	ng/ul	99
42) 2,4,5-Trichlorophenol	13.512	196	26459	23.073	ng/ul#	90
43) 1,1'-Biphenyl	13.824	154	85745	22.268	ng/ul	98
44) 2-Chloronaphthalene	13.876	162	68855	23.062	ng/ul	98
45) 2-Nitroaniline	14.070	65	19716	21.874	ng/ul	87
47) Dimethylphthalate	14.417	163	85217	21.222	ng/ul	99
48) 2,6-Dinitrotoluene	14.552	165	18436	22.309	ng/ul	99
50) Acenaphthylene	14.717	152	103202	22.597	ng/ul	99
51) 3-Nitroaniline	14.887	138	13881	23.706	ng/ul	95
52) Acenaphthene	15.051	153	73110	22.468	ng/ul	99
53) 2,4-Dinitrophenol	15.104	184	6942	15.774	ng/ul	91
55) 4-Nitrophenol	15.192	109	12272	18.599	ng/ul	96
56) Dibenzofuran	15.380	168	103932	22.118	ng/ul	96
57) 2,4-Dinitrotoluene	15.339	165	27524	23.266	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.609	232	23394	22.451	ng/ul#	99
59) Diethylphthalate	15.762	149	85670	20.999	ng/ul	98
61) Fluorene	16.026	166	87243	21.957	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.003	204	50394	21.730	ng/ul	96
63) 4-Nitroaniline	16.038	138	9845	17.755	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.109	198	14318	19.126	ng/ul	100
67) N-Nitrosodiphenylamine	16.220	169	72912	22.510	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	33265	22.445	ng/ul	97
69) Hexachlorobenzene	17.037	284	36588	23.444	ng/ul	98
70) Atrazine	17.149	200	32372	22.487	ng/ul	97
71) Pentachlorophenol	17.384	266	12398	17.187	ng/ul	87
72) Phenanthrene	17.771	178	142830	22.120	ng/ul	98
74) Anthracene	17.859	178	144687	22.307	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.800	216	45186	24.228	ng/uL	97
76) Pentachlorobenzene	15.304	250	45470	23.952	ng/uL	94
77) Carbazole	18.124	167	120468	22.224	ng/ul	100
78) Di-n-butylphthalate	18.641	149	139790	22.553	ng/ul	98
80) Fluoranthene	19.757	202	170865	23.488	ng/ul	98
82) Pyrene	20.121	202	168606	22.895	ng/ul	99
83) Butylbenzylphthalate	20.973	149	57043	24.188	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	57607	25.142	ng/ul	96
85) Benzo(a)anthracene	22.018	228	165005	22.613	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.860	149	80938	23.597	ng/ul	93
87) Chrysene	22.089	228	154303	22.414	ng/ul	99
89) Di-n-octyl phthalate	23.164	149	131651	21.876	ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	161086	21.345	ng/ul	98
91) Benzo(k)fluoranthene	24.497	252	162402	22.120	ng/ul	98
93) Benzo(a)pyrene	25.390	252	145473	22.328	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.614	276	184306	22.630	ng/ul	98
95) Dibenzo(a,h)anthracene	29.679	278	153494	22.729	ng/ul	99
96) Benzo(g,h,i)perylene	30.906	276	147196	22.332	ng/ul	96

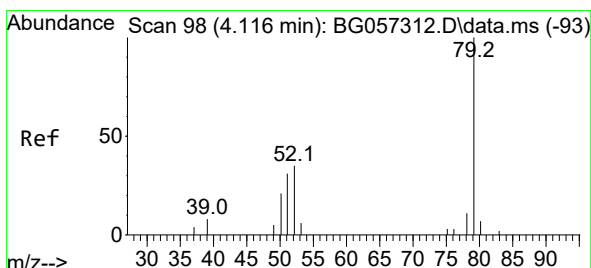
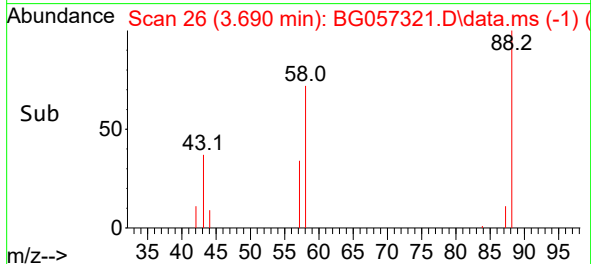
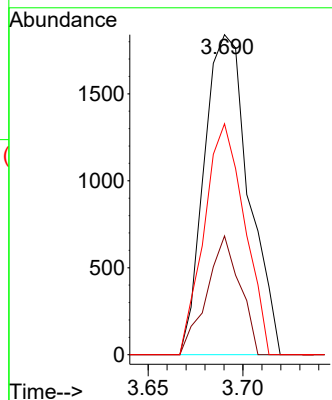
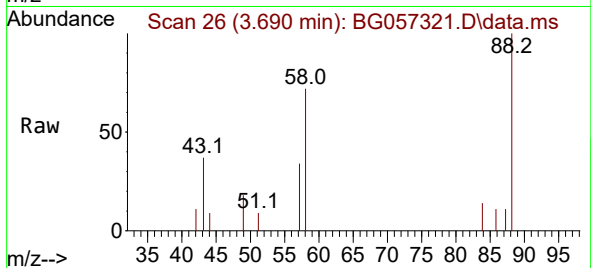
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#2
1,4-Dioxane
Concen: 8.162 ng/uL
RT: 3.690 min Scan# 20
Delta R.T. 0.003 min
Lab File: BG057321.D
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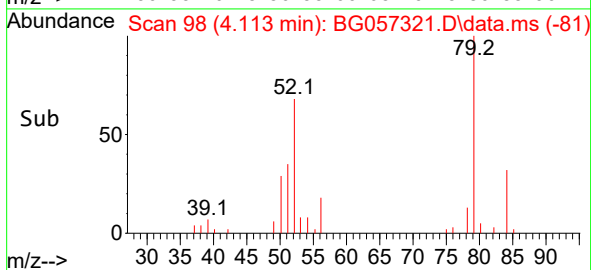
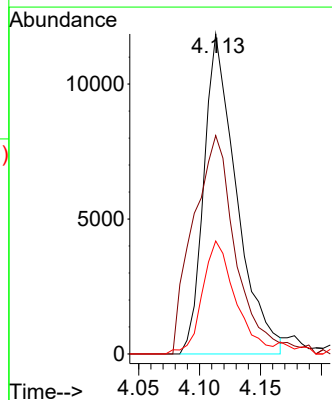
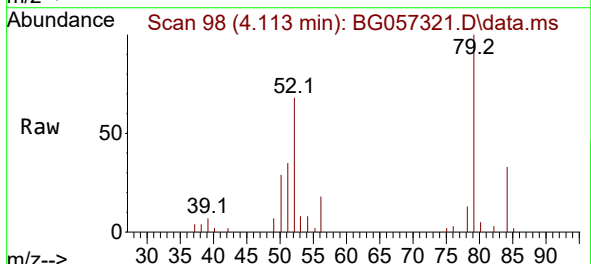
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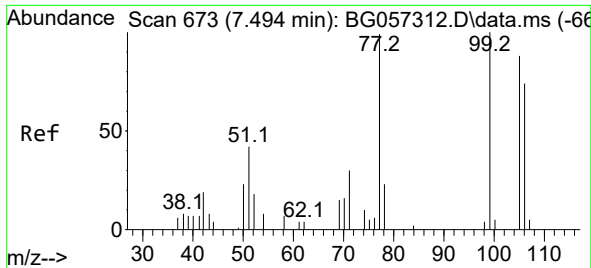
Tgt Ion: 88 Resp: 3018
Ion Ratio Lower Upper
88 100
43 37.1 28.2 42.4
58 72.2 63.3 94.9



#5
Pyridine
Concen: 19.069 ng/uL
RT: 4.113 min Scan# 98
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion: 79 Resp: 22097
Ion Ratio Lower Upper
79 100
52 68.2 62.4 93.6
51 35.3 29.0 43.4

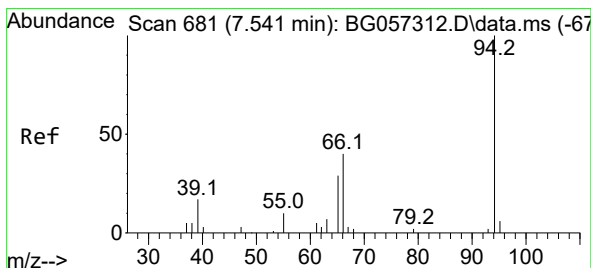
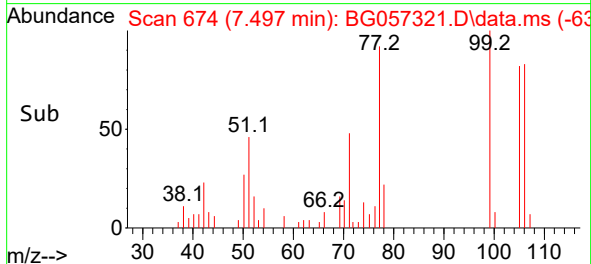
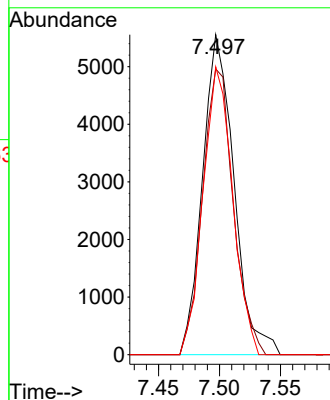
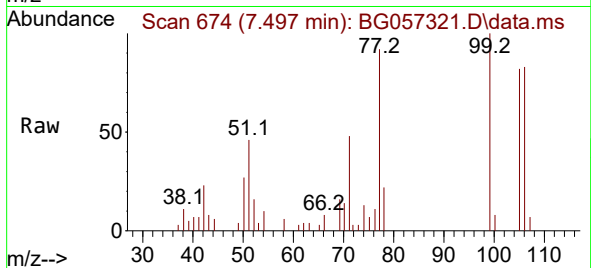




#6
Benzaldehyde
Concen: 22.437 ng/ul
RT: 7.497 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

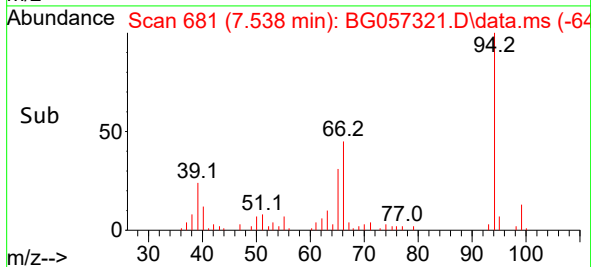
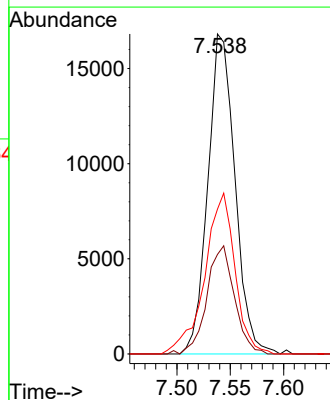
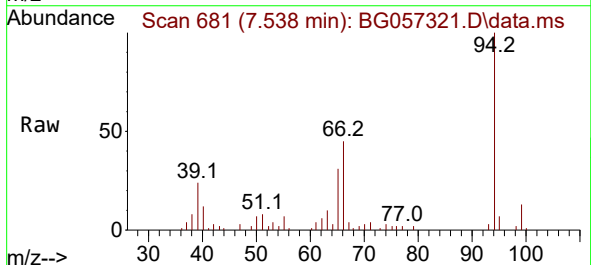
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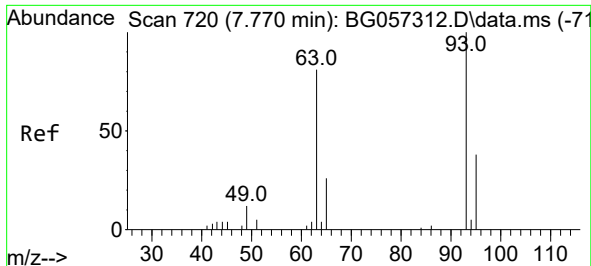
Tgt Ion: 77 Resp: 9944
Ion Ratio Lower Upper
77 100
105 89.3 79.8 119.6
106 89.9 78.7 118.1



#8
Phenol
Concen: 20.348 ng/ul
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion: 94 Resp: 29760
Ion Ratio Lower Upper
94 100
65 31.1 25.5 38.3
66 45.2 36.9 55.3

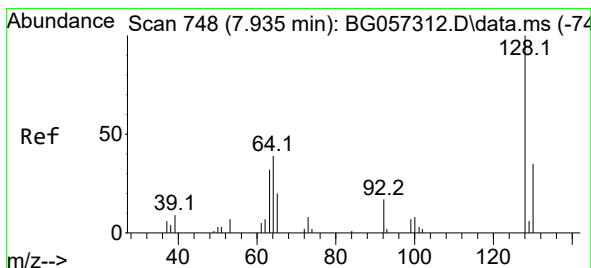
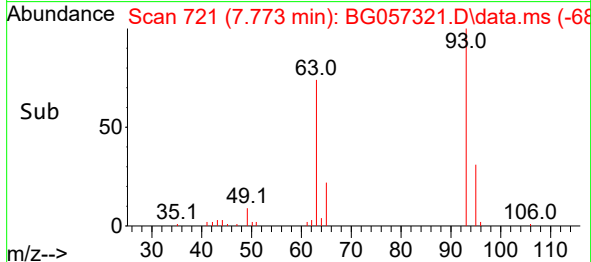
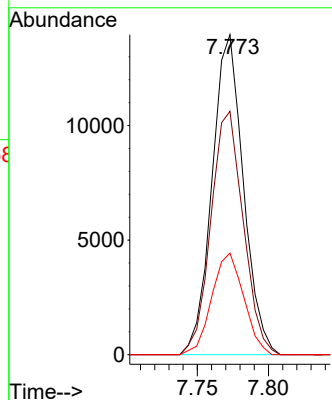
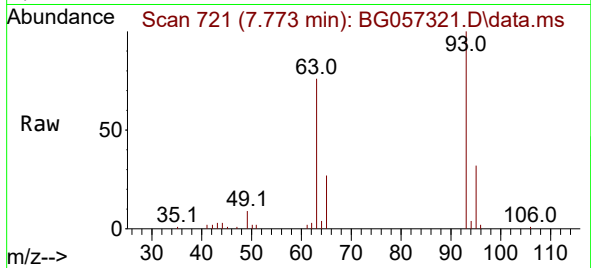




#10
Bis(2-Chloroethyl)ether
Concen: 19.538 ng/ul
RT: 7.773 min Scan# 720
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

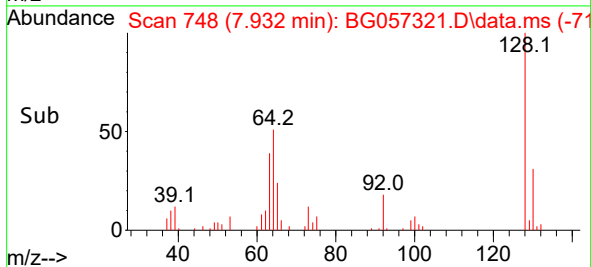
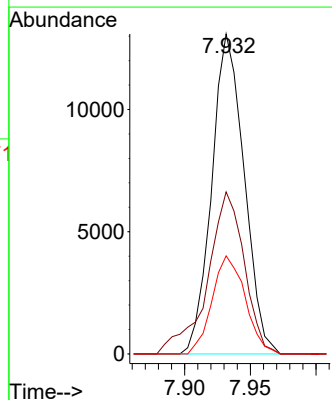
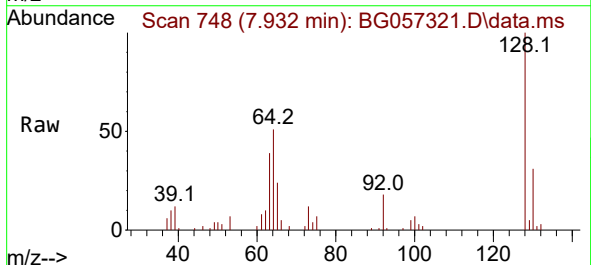
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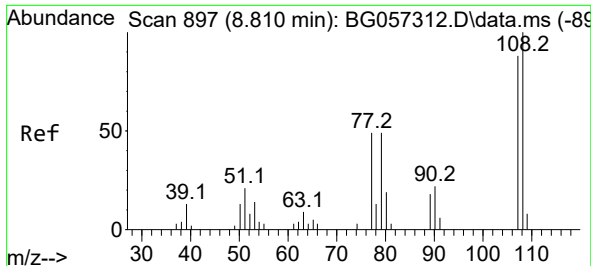
Tgt Ion: 93 Resp: 21387
Ion Ratio Lower Upper
93 100
63 76.1 67.2 100.8
95 31.8 26.3 39.5



#12
2-Chlorophenol
Concen: 22.374 ng/ul
RT: 7.932 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:128 Resp: 22473
Ion Ratio Lower Upper
128 100
64 50.7 41.3 61.9
130 30.6 24.6 37.0





#13

2-Methylphenol

Concen: 20.846 ng/ul

RT: 8.813 min Scan# 897

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

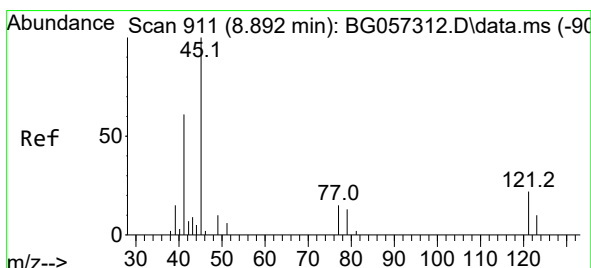
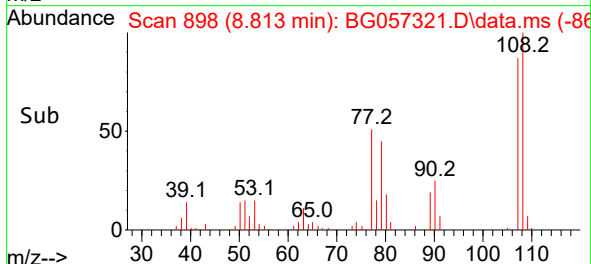
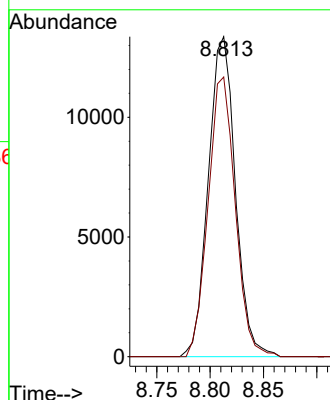
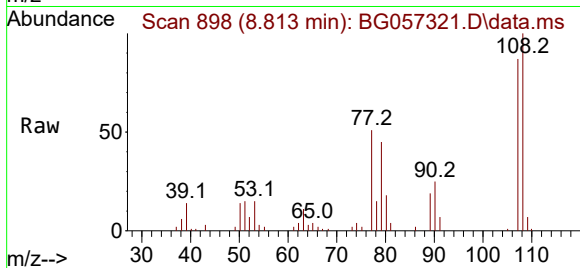
SSTD020477

Tgt Ion:108 Resp: 23629

Ion Ratio Lower Upper

108 100

107 87.4 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.625 ng/ul

RT: 8.889 min Scan# 911

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

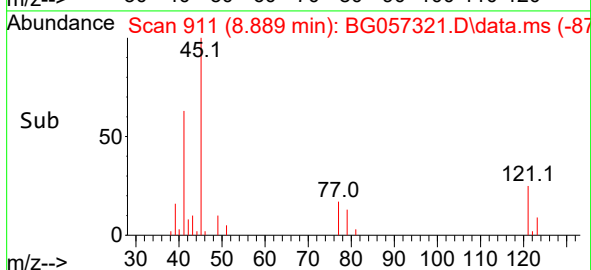
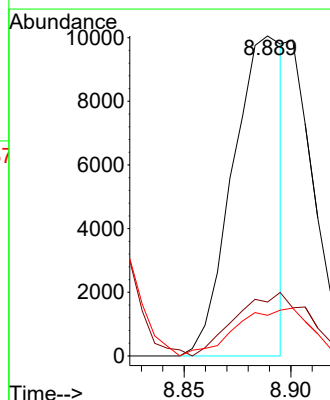
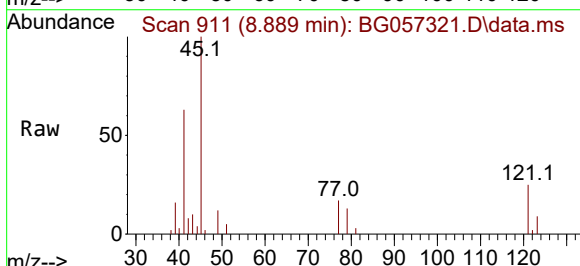
Tgt Ion: 45 Resp: 16406

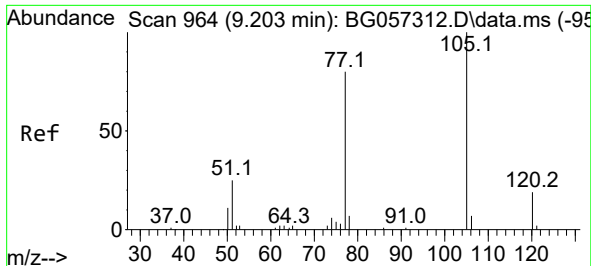
Ion Ratio Lower Upper

45 100

77 16.9 12.9 19.3

79 12.7 8.9 13.3

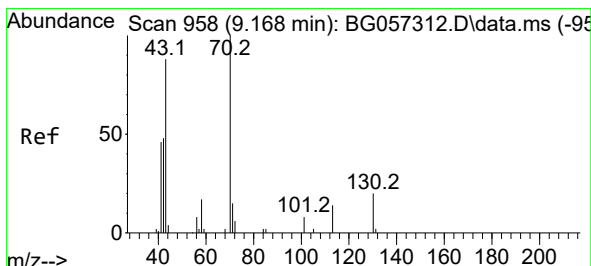
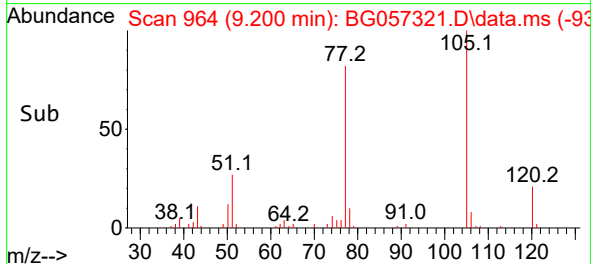
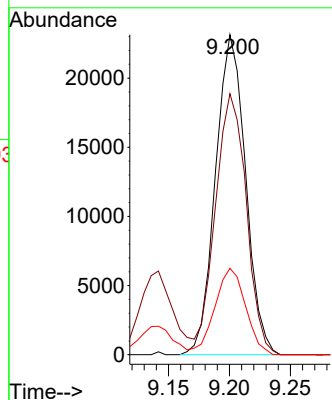
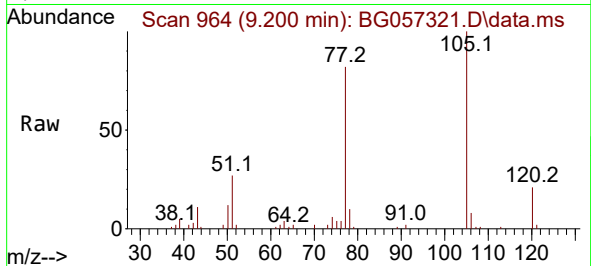




#16
Acetophenone
Concen: 20.940 ng/ul
RT: 9.200 min Scan# 901
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

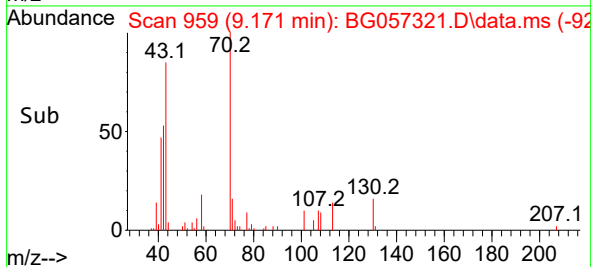
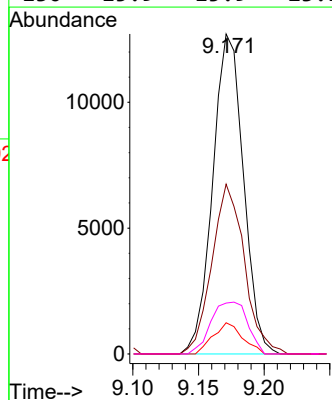
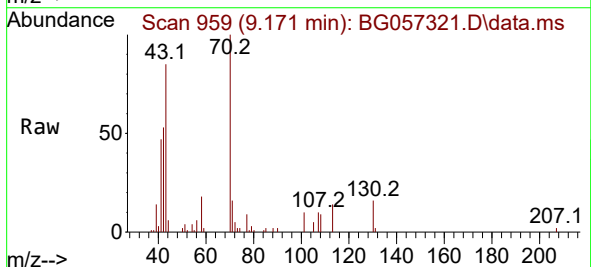
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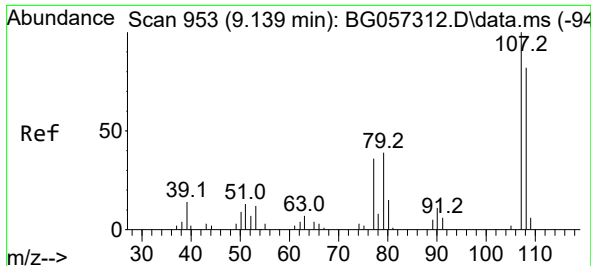
Tgt Ion:105 Resp: 39739
Ion Ratio Lower Upper
105 100
77 81.5 70.6 105.8
51 27.0 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 18.968 ng/ul
RT: 9.171 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion: 70 Resp: 20686
Ion Ratio Lower Upper
70 100
42 53.0 45.0 67.4
101 9.8 6.5 9.7#
130 15.9 15.9 23.9#

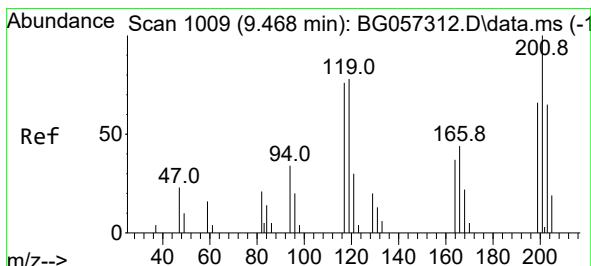
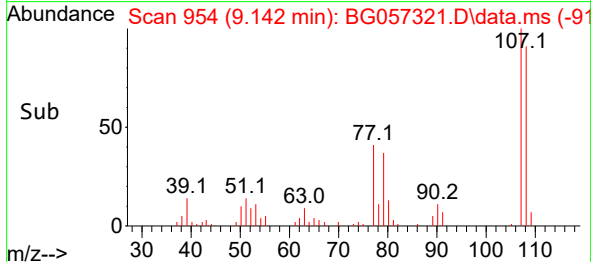
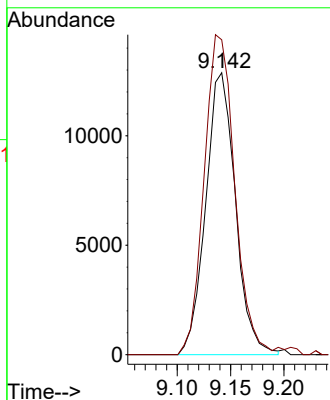
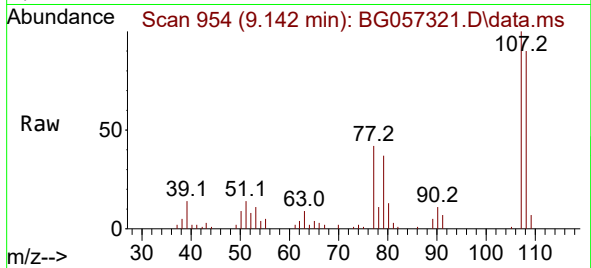




#18
4-Methylphenol
Concen: 20.365 ng/ul
RT: 9.142 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

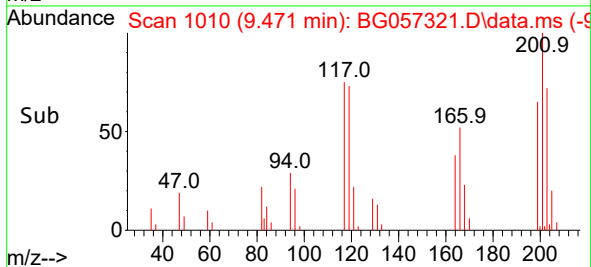
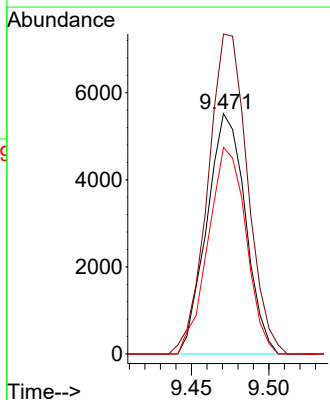
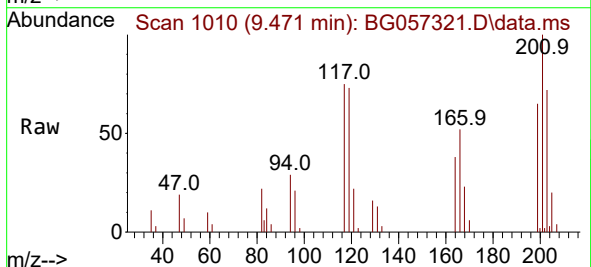
Instrument :
BNA_G
ClientSampleId :
SSTD020477

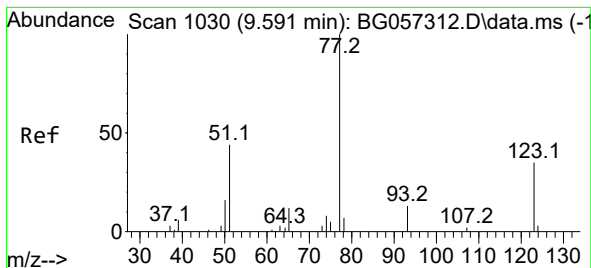
Tgt Ion:108 Resp: 24986
Ion Ratio Lower Upper
108 100
107 111.7 85.1 127.7



#19
Hexachloroethane
Concen: 22.625 ng/ul
RT: 9.471 min Scan# 1010
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:117 Resp: 9508
Ion Ratio Lower Upper
117 100
201 133.2 109.4 164.2
199 86.0 65.4 98.2





#22

Nitrobenzene

Concen: 20.896 ng/ul

RT: 9.594 min Scan# 1030

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

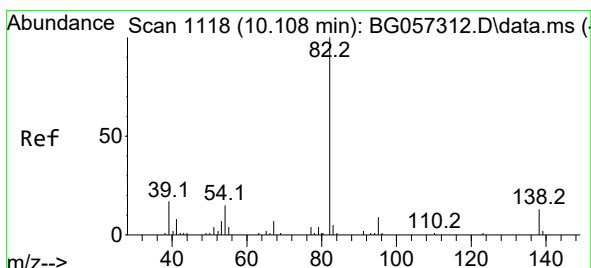
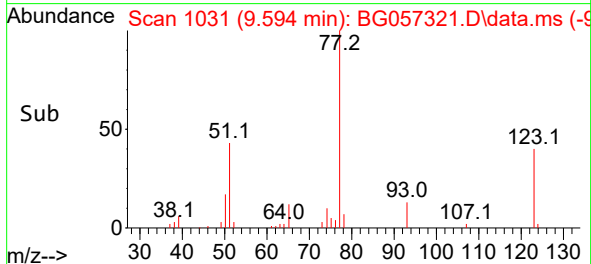
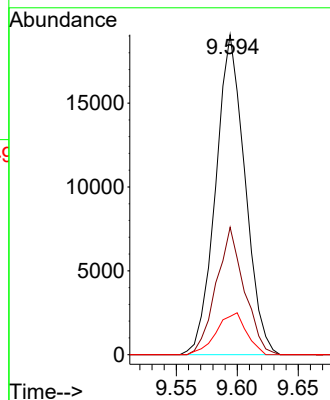
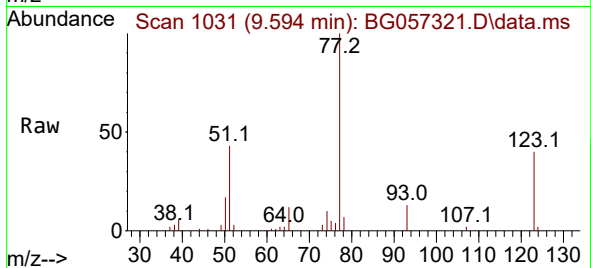
Tgt Ion: 77 Resp: 31847

Ion Ratio Lower Upper

77 100

123 39.8 29.6 44.4

65 12.0 11.4 17.0



#23

Isophorone

Concen: 20.285 ng/ul

RT: 10.111 min Scan# 1119

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

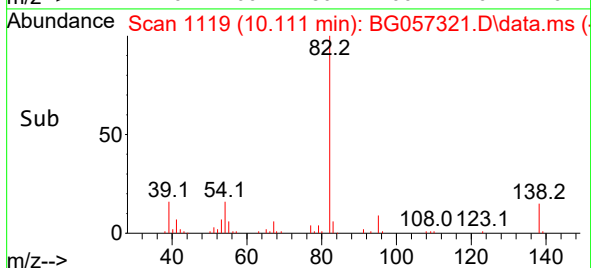
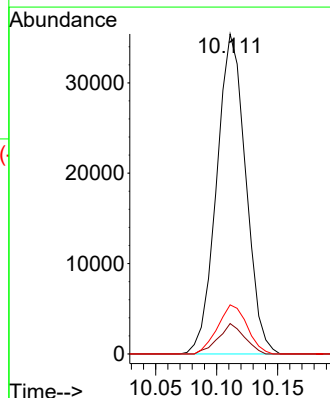
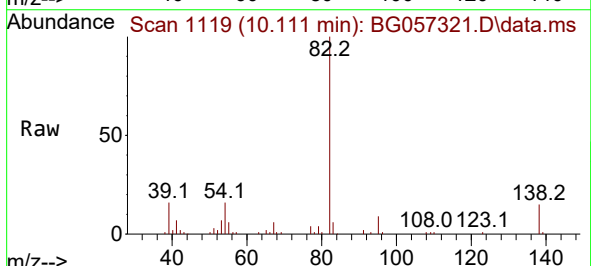
Tgt Ion: 82 Resp: 58819

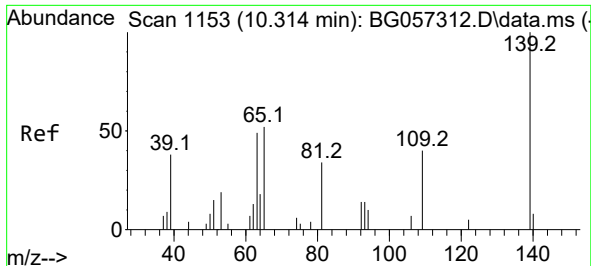
Ion Ratio Lower Upper

82 100

95 9.5 6.8 10.2

138 15.4 12.2 18.2

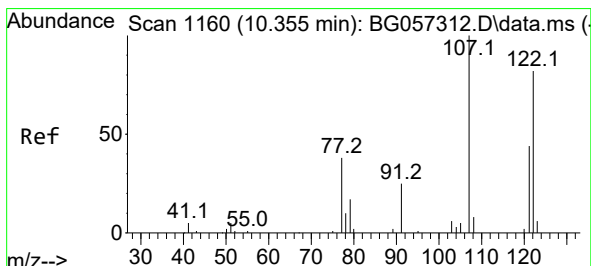
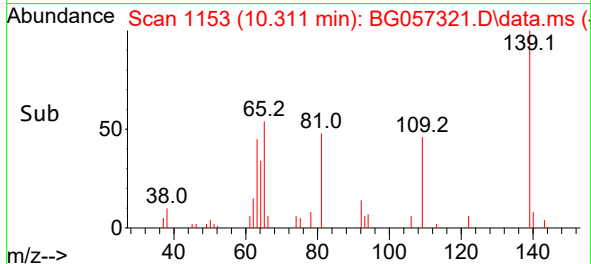
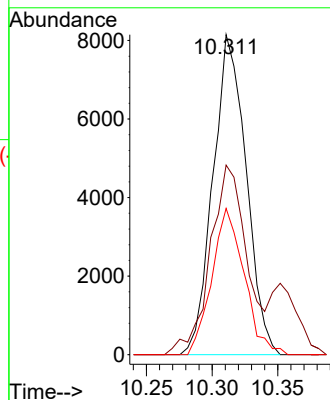
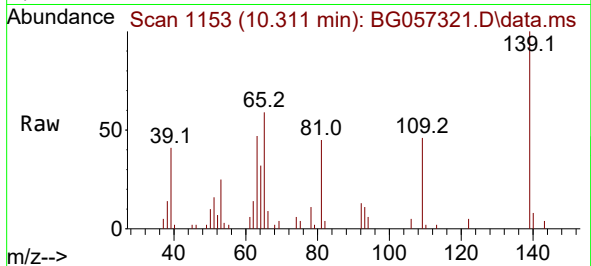




#25
2-Nitrophenol
Concen: 23.670 ng/ul
RT: 10.311 min Scan# 1153
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

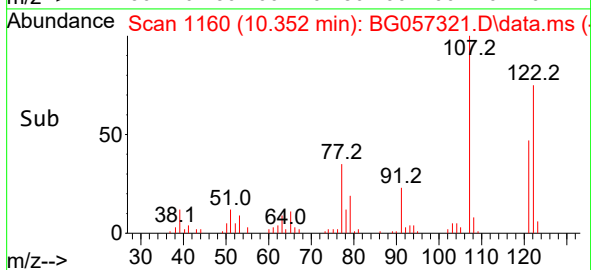
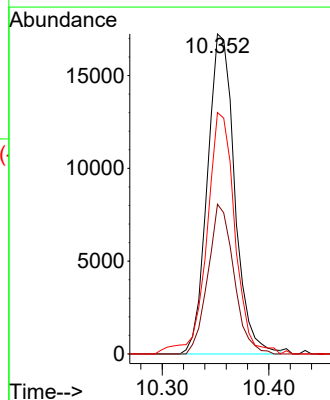
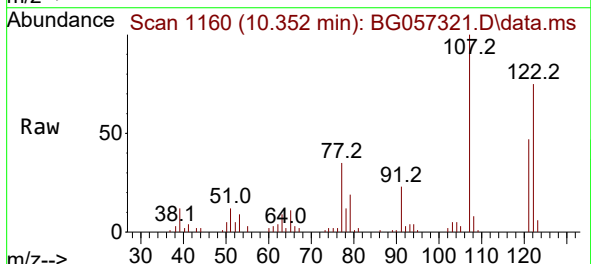
Instrument :
BNA_G
ClientSampleId :
SSTD020477

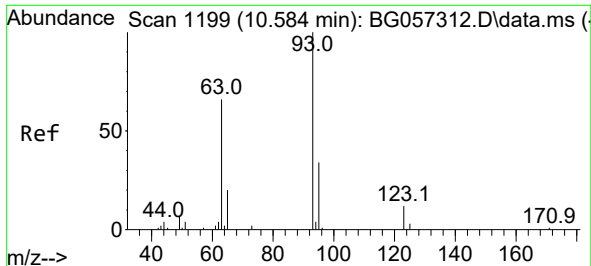
Tgt Ion:139 Resp: 14320
Ion Ratio Lower Upper
139 100
65 59.3 48.7 73.1
109 45.7 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 22.313 ng/ul
RT: 10.352 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:107 Resp: 30622
Ion Ratio Lower Upper
107 100
121 46.8 35.4 53.0
122 75.4 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.114 ng/ul

RT: 10.587 min Scan# 1199

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

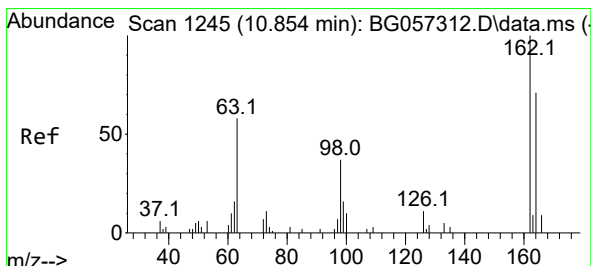
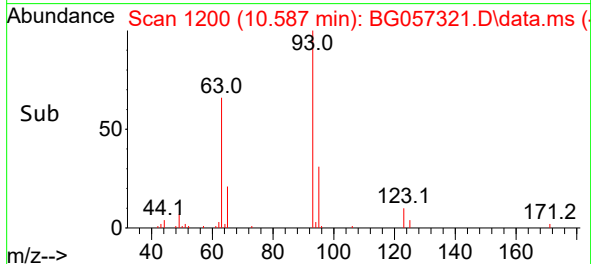
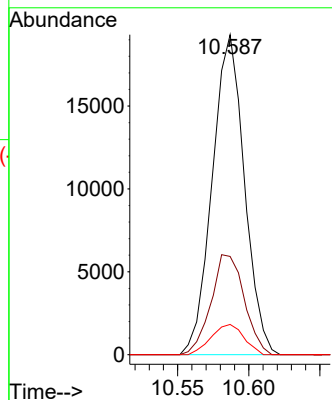
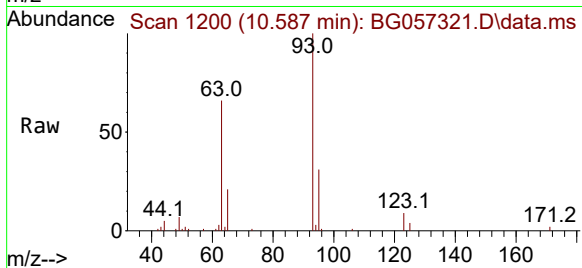
Tgt Ion: 93 Resp: 30318

Ion Ratio Lower Upper

93 100

95 30.7 24.8 37.2

123 9.5 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.251 ng/ul

RT: 10.851 min Scan# 1245

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

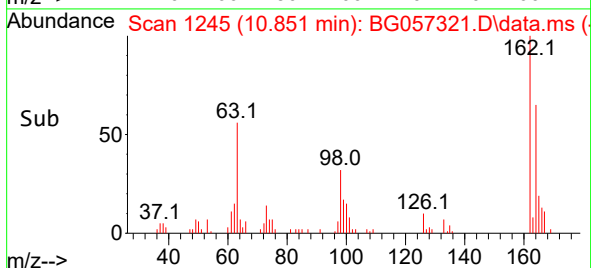
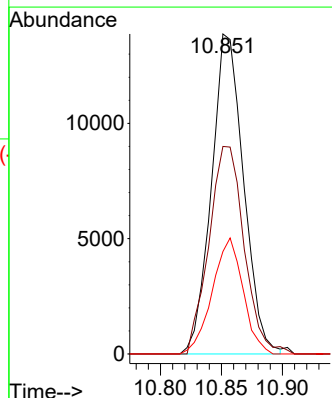
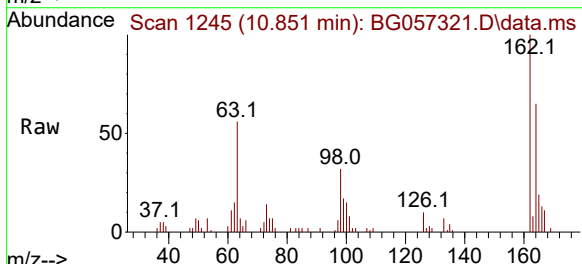
Tgt Ion:162 Resp: 25432

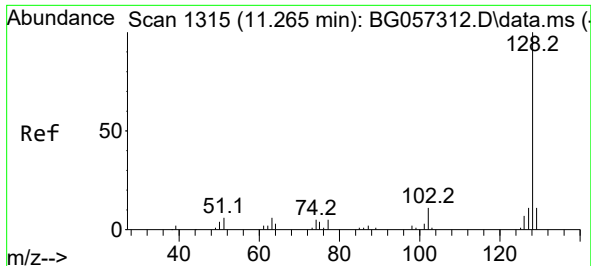
Ion Ratio Lower Upper

162 100

164 64.8 50.5 75.7

98 32.0 27.5 41.3

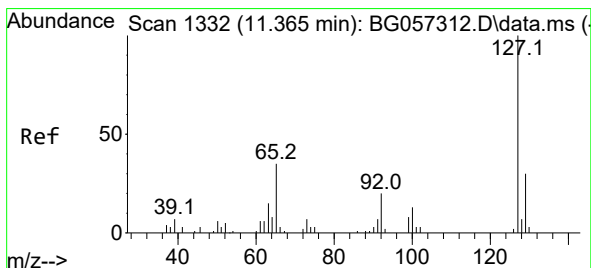
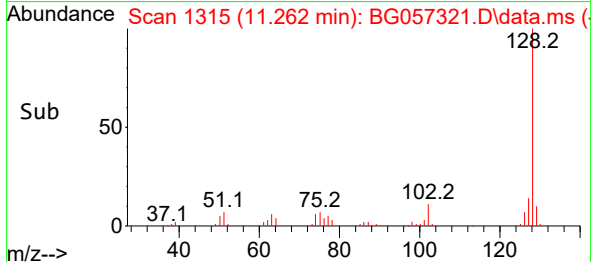
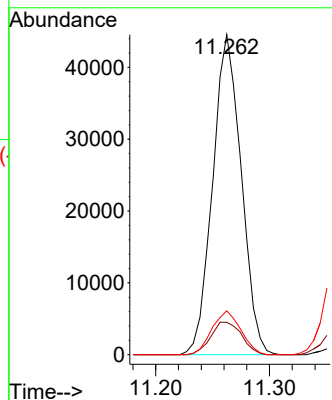
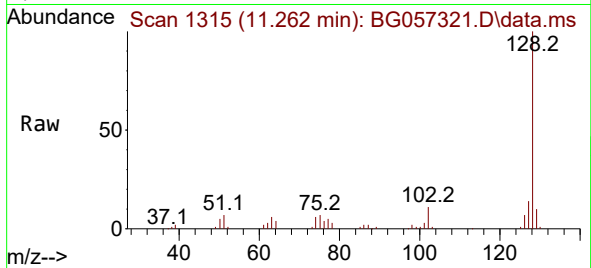




#30
Naphthalene
Concen: 22.047 ng/ul
RT: 11.262 min Scan# 1315
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

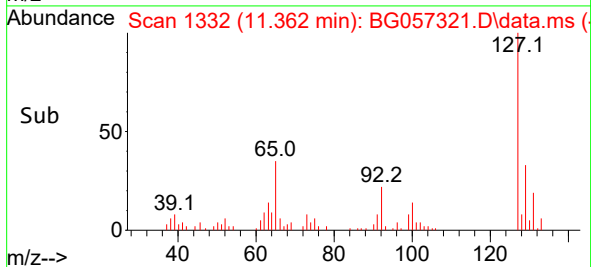
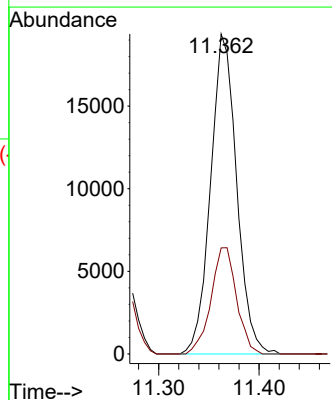
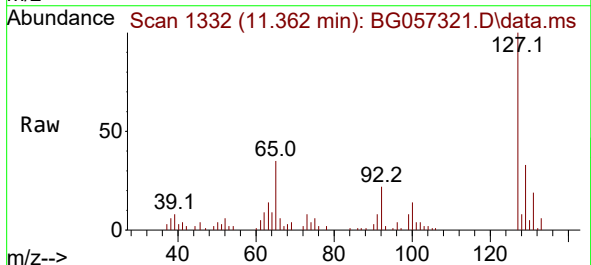
Instrument :
BNA_G
ClientSampleId :
SSTD020477

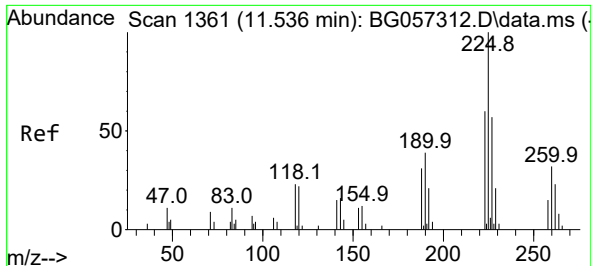
Tgt Ion:128 Resp: 77796
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 13.7 11.4 17.0



#32
4-Chloroaniline
Concen: 21.923 ng/ul
RT: 11.362 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:127 Resp: 34888
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0

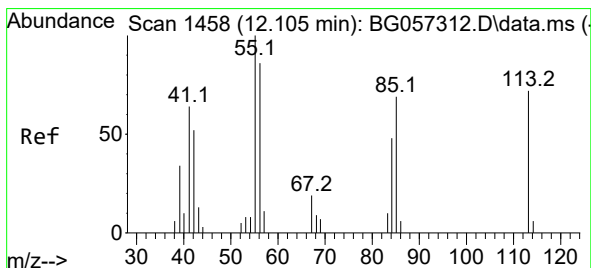
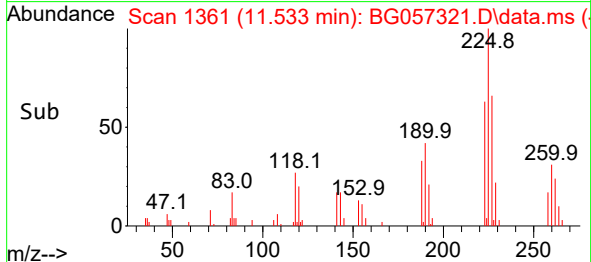
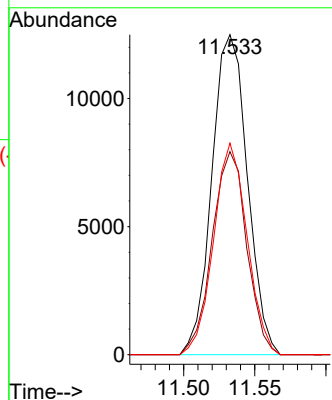
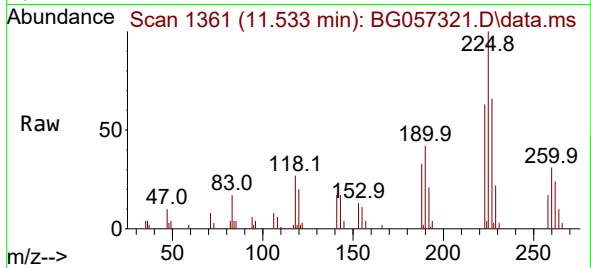




#33
Hexachlorobutadiene
Concen: 23.385 ng/ul
RT: 11.533 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

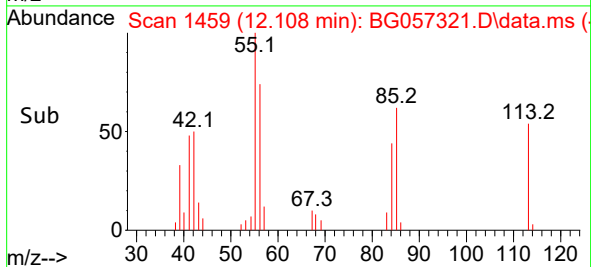
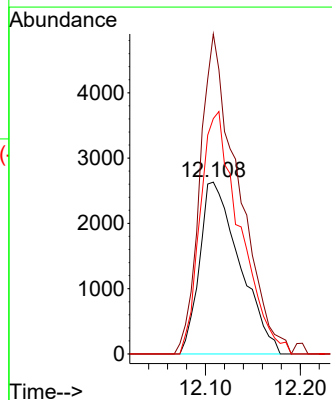
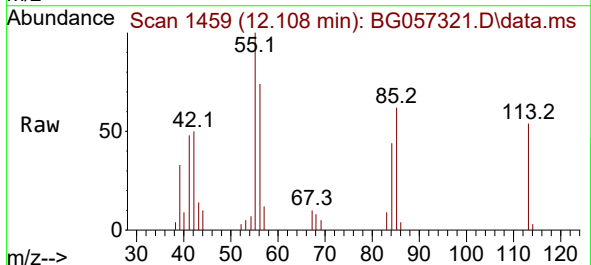
Instrument :
BNA_G
ClientSampleId :
SSTD020477

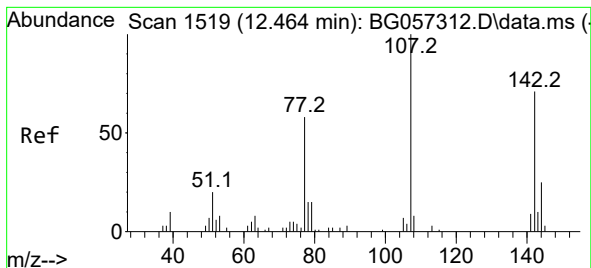
Tgt Ion:225 Resp: 21695
Ion Ratio Lower Upper
225 100
223 63.5 47.5 71.3
227 66.1 48.4 72.6



#34
Caprolactam
Concen: 20.984 ng/ul
RT: 12.108 min Scan# 1459
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:113 Resp: 7727
Ion Ratio Lower Upper
113 100
55 186.1 123.1 184.7#
56 136.9 98.7 148.1

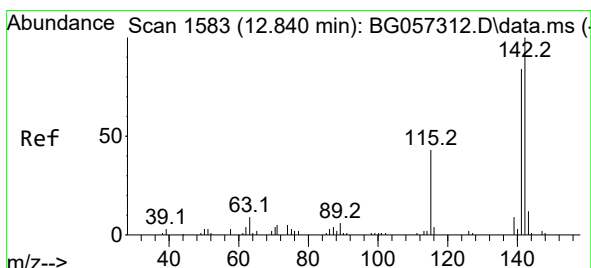
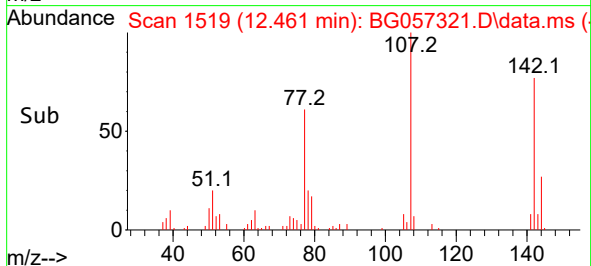
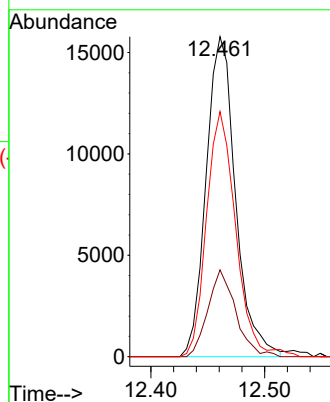
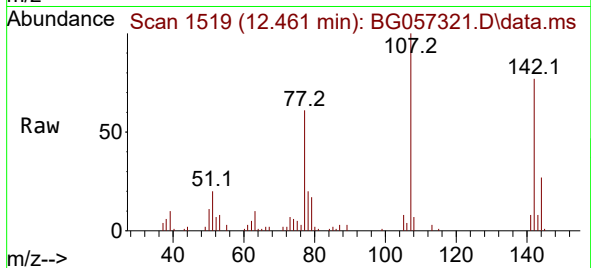




#35
4-Chloro-3-methylphenol
Concen: 22.576 ng/ul
RT: 12.461 min Scan# 1519
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

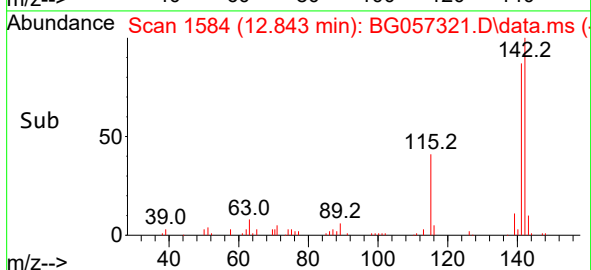
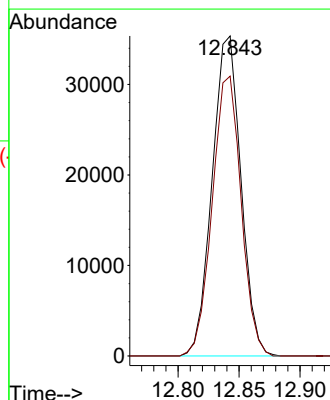
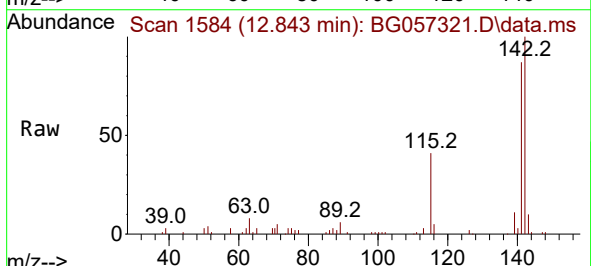
Instrument :
BNA_G
ClientSampleId :
SSTD020477

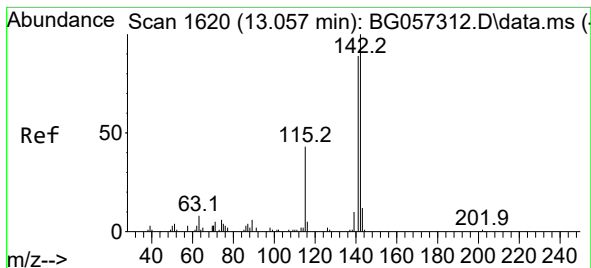
Tgt Ion:107 Resp: 28412
Ion Ratio Lower Upper
107 100
144 27.2 18.3 27.5
142 76.6 58.6 88.0



#36
2-Methylnaphthalene
Concen: 22.423 ng/ul
RT: 12.843 min Scan# 1584
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:142 Resp: 58026
Ion Ratio Lower Upper
142 100
141 87.4 68.7 103.1





#37

1-Methylnaphthalene

Concen: 22.971 ng/ul

RT: 13.054 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

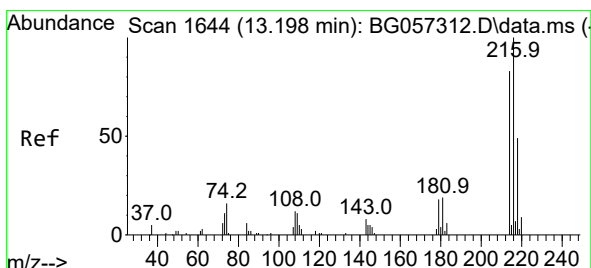
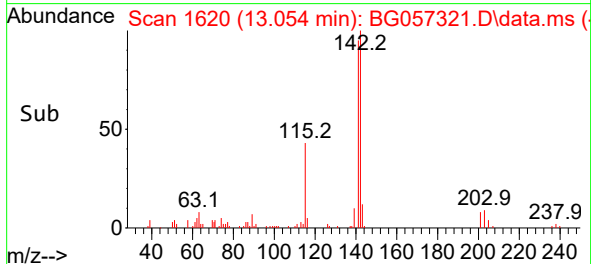
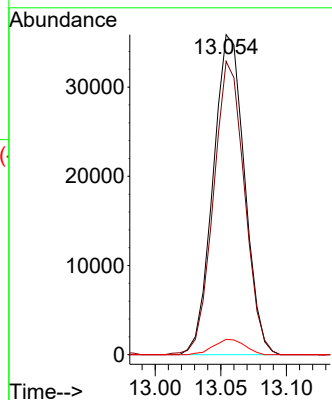
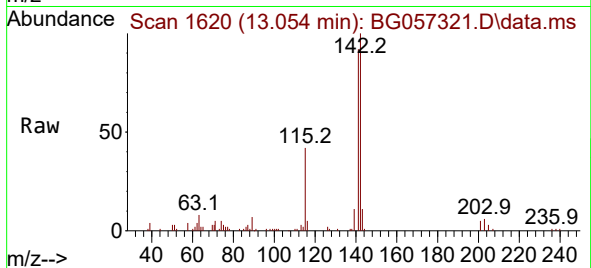
Tgt Ion:142 Resp: 59771

Ion Ratio Lower Upper

142 100

141 91.6 72.9 109.3

116 4.8 3.2 4.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.308 ng/ul

RT: 13.201 min Scan# 1645

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Tgt Ion:216 Resp: 42744

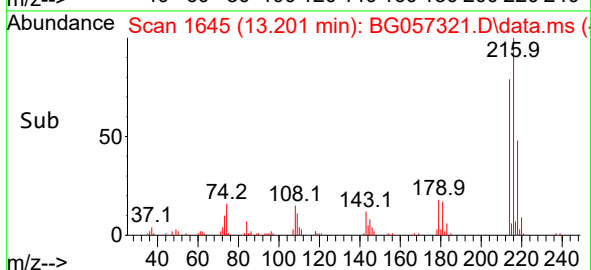
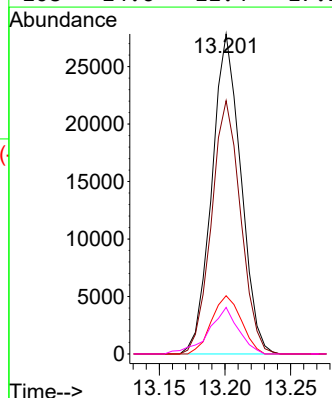
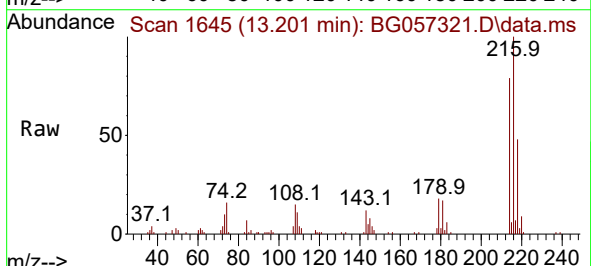
Ion Ratio Lower Upper

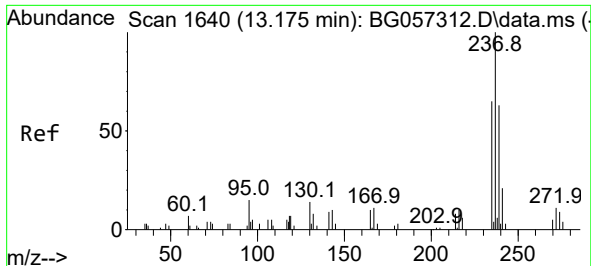
216 100

214 79.2 62.9 94.3

179 18.2 15.3 22.9

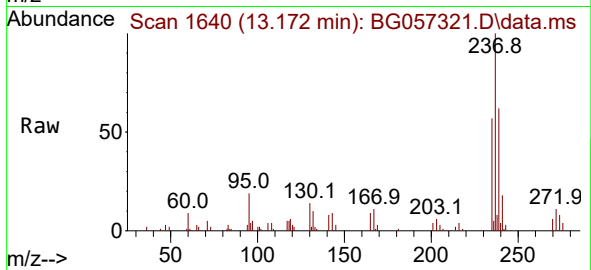
108 14.6 11.4 17.2



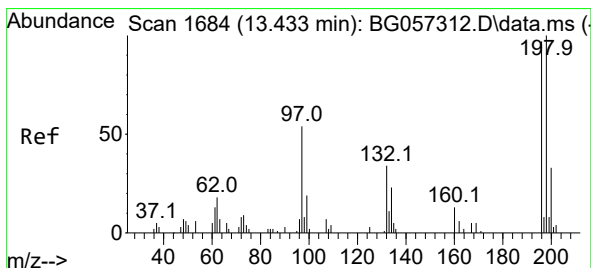
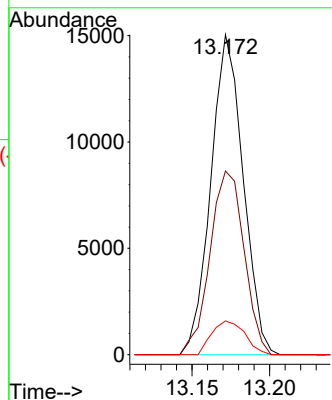
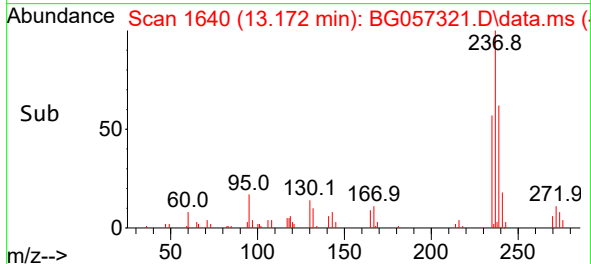


#40
Hexachlorocyclopentadiene
Concen: 23.829 ng/ul
RT: 13.172 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

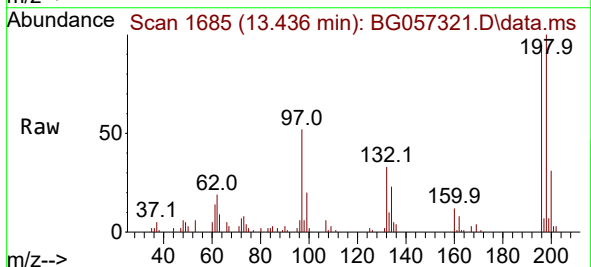
Instrument :
BNA_G
ClientSampleId :
SSTD020477



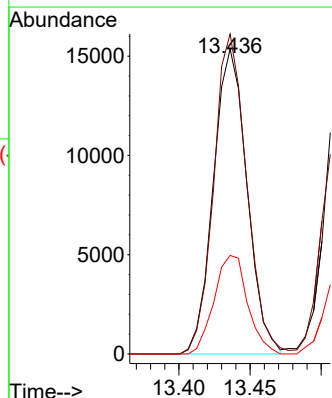
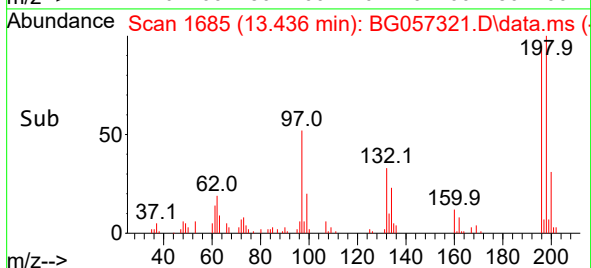
Tgt Ion:237 Resp: 21808
Ion Ratio Lower Upper
237 100
235 57.4 51.4 77.0
272 10.6 9.4 14.2

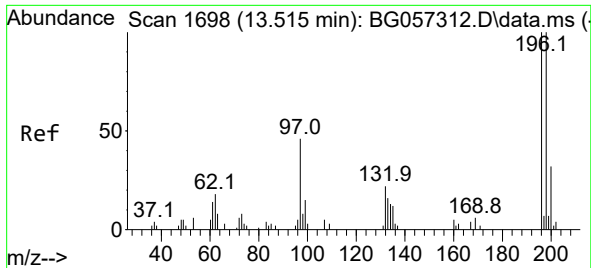


#41
2,4,6-Trichlorophenol
Concen: 23.642 ng/ul
RT: 13.436 min Scan# 1685
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13



Tgt Ion:196 Resp: 25251
Ion Ratio Lower Upper
196 100
198 104.9 83.8 125.8
200 32.3 26.6 40.0

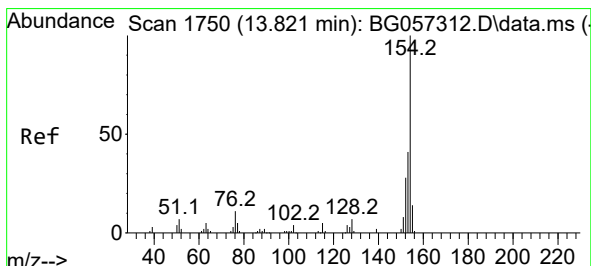
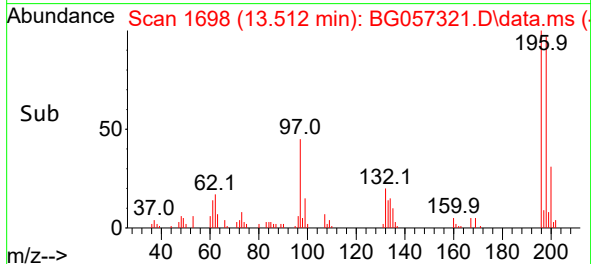
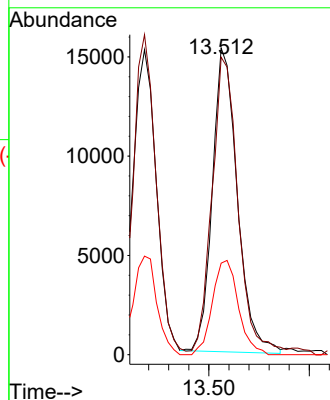
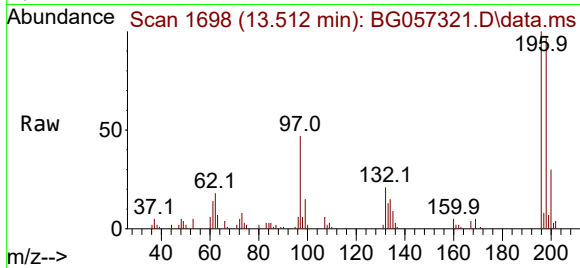




#42
2,4,5-Trichlorophenol
Concen: 23.073 ng/ul
RT: 13.512 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

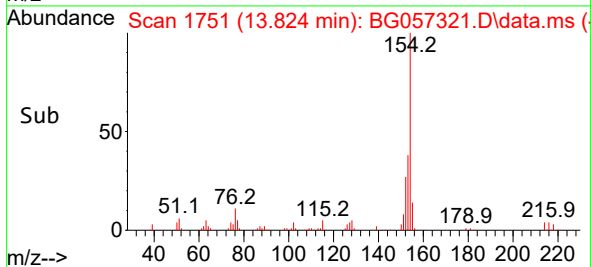
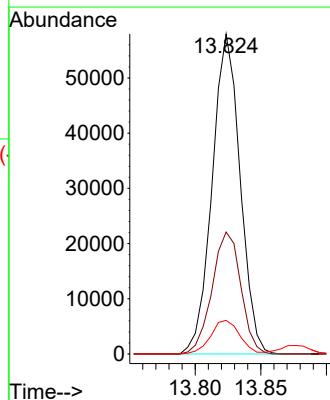
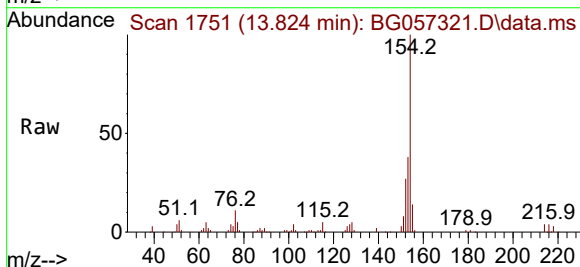
Instrument :
BNA_G
ClientSampleId :
SSTD020477

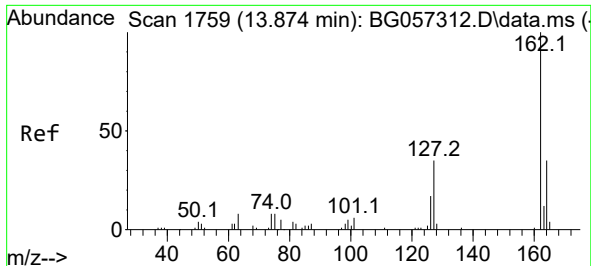
Tgt Ion:196 Resp: 26459
Ion Ratio Lower Upper
196 100
198 97.0 85.7 128.5
200 29.9 29.9 44.9#



#43
1,1'-Biphenyl
Concen: 22.268 ng/ul
RT: 13.824 min Scan# 1751
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:154 Resp: 85745
Ion Ratio Lower Upper
154 100
153 38.1 31.6 47.4
76 10.5 8.0 12.0

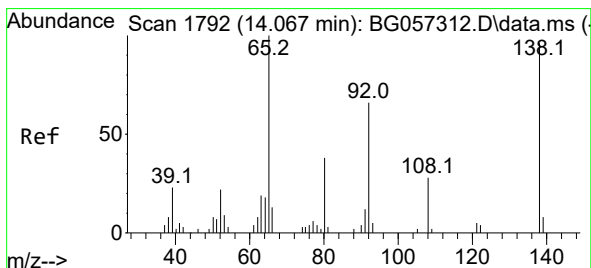
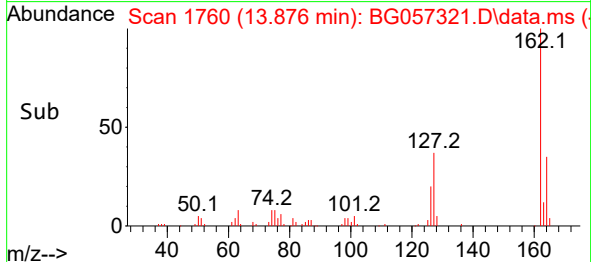
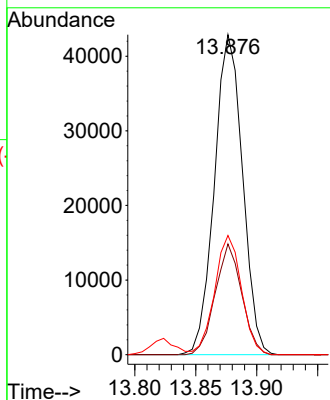
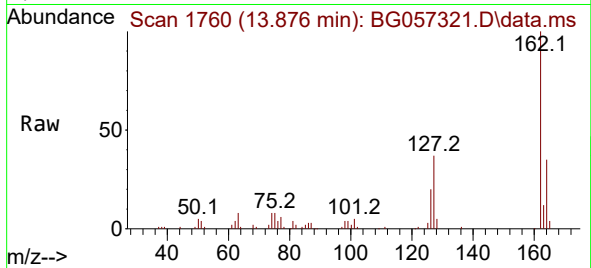




#44
2-Chloronaphthalene
Concen: 23.062 ng/ul
RT: 13.876 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

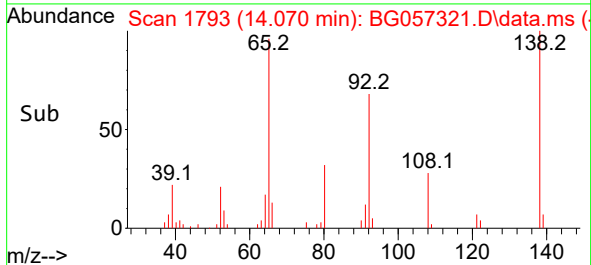
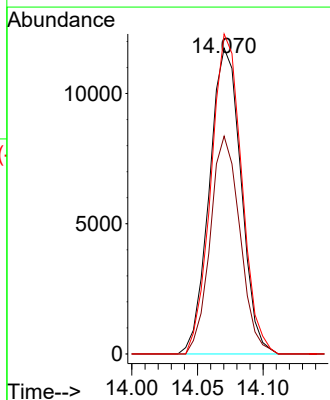
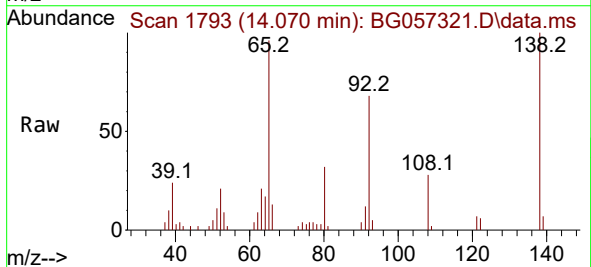
Instrument :
BNA_G
ClientSampleId :
SSTD020477

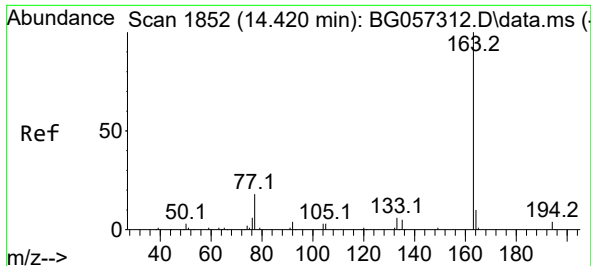
Tgt Ion:162 Resp: 68855
Ion Ratio Lower Upper
162 100
164 34.6 26.2 39.4
127 37.2 29.4 44.2



#45
2-Nitroaniline
Concen: 21.874 ng/ul
RT: 14.070 min Scan# 1793
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion: 65 Resp: 19716
Ion Ratio Lower Upper
65 100
92 71.2 51.8 77.6
138 104.6 71.9 107.9

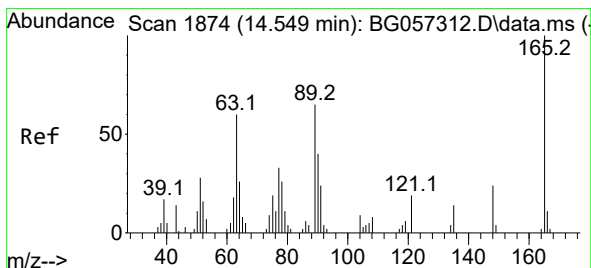
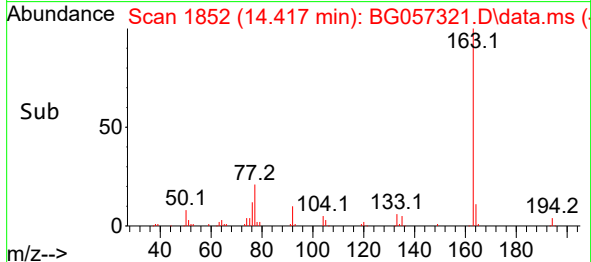
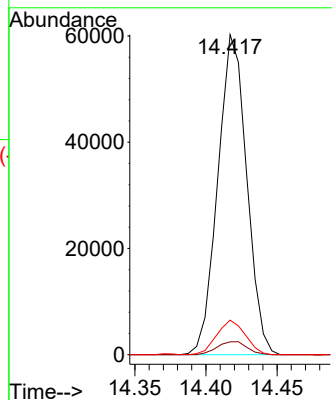
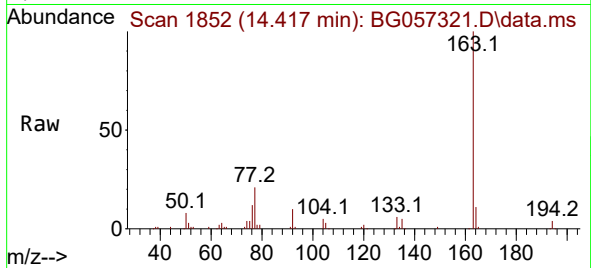




#47
Dimethylphthalate
Concen: 21.222 ng/ul
RT: 14.417 min Scan# 1852
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

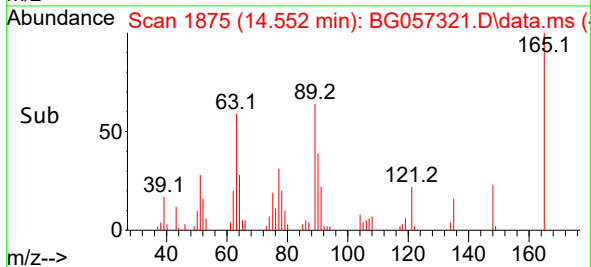
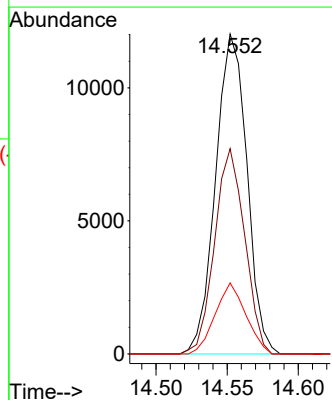
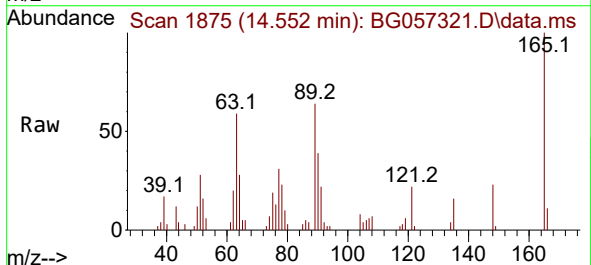
Instrument :
BNA_G
ClientSampleId :
SSTD020477

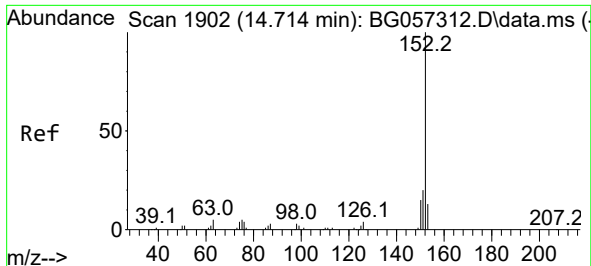
Tgt Ion:163 Resp: 85217
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.8 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 22.309 ng/ul
RT: 14.552 min Scan# 1875
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:165 Resp: 18436
Ion Ratio Lower Upper
165 100
89 64.1 50.6 76.0
121 22.2 16.8 25.2

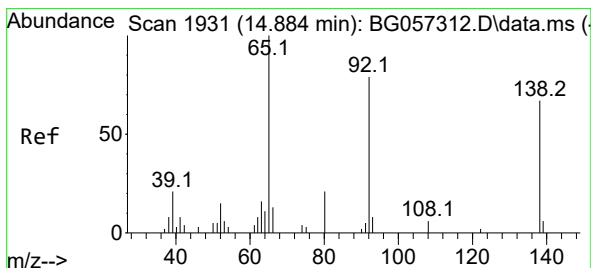
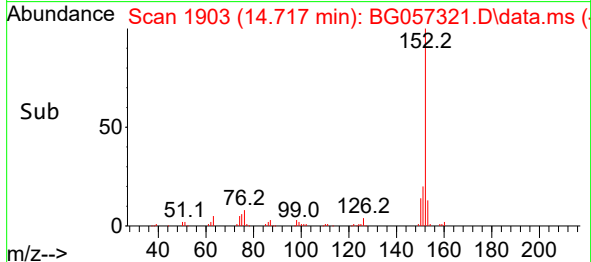
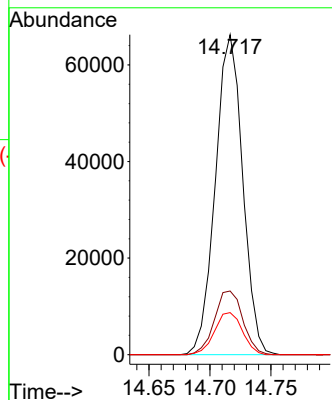
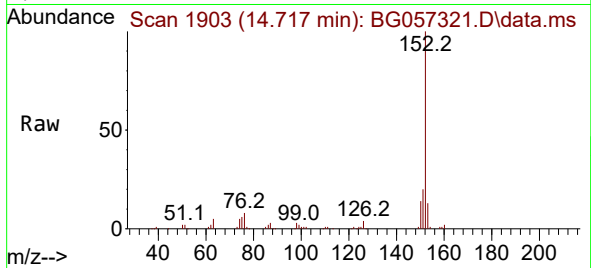




#50
Acenaphthylene
Concen: 22.597 ng/ul
RT: 14.717 min Scan# 1902
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

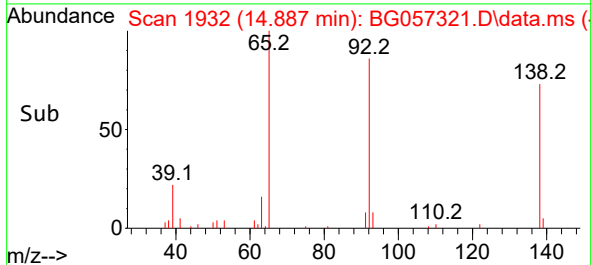
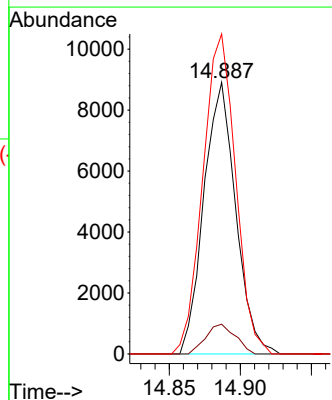
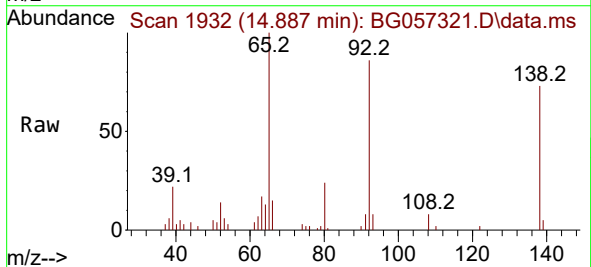
Instrument :
BNA_G
ClientSampleId :
SSTD020477

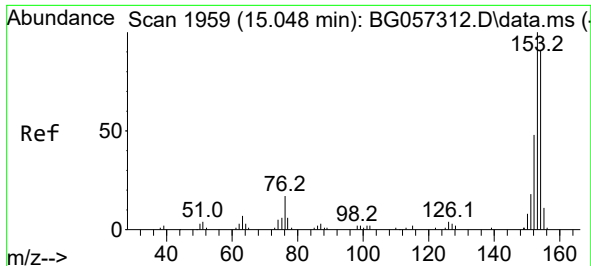
Tgt Ion:152 Resp: 103202
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.1 10.1 15.1



#51
3-Nitroaniline
Concen: 23.706 ng/ul
RT: 14.887 min Scan# 1932
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:138 Resp: 13881
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 117.9 99.5 149.3

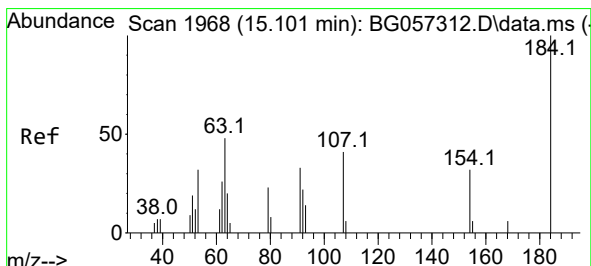
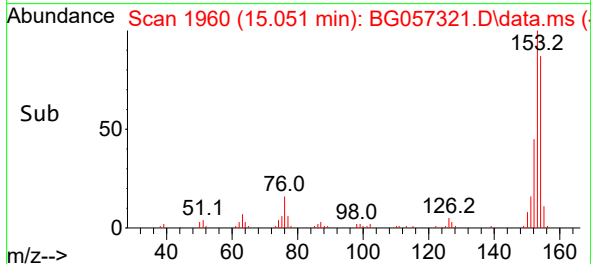
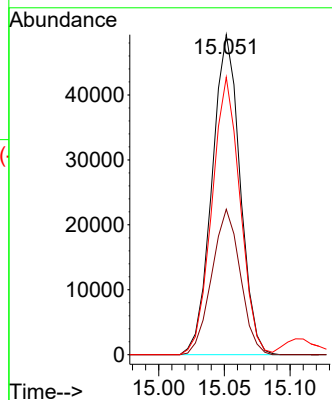
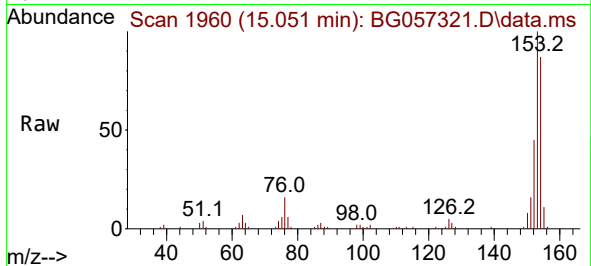




#52
Acenaphthene
Concen: 22.468 ng/ul
RT: 15.051 min Scan# 1960
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

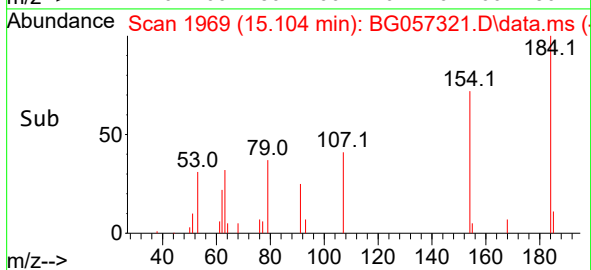
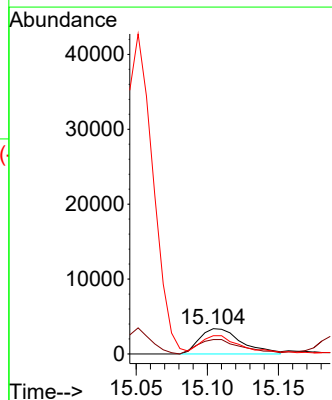
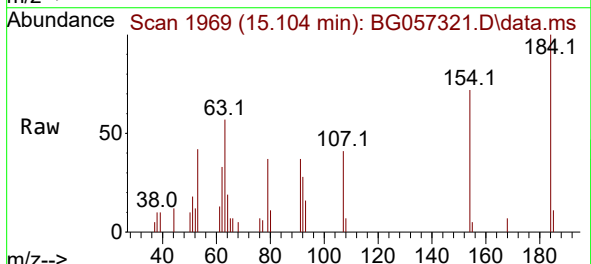
Instrument :
BNA_G
ClientSampleId :
SSTD020477

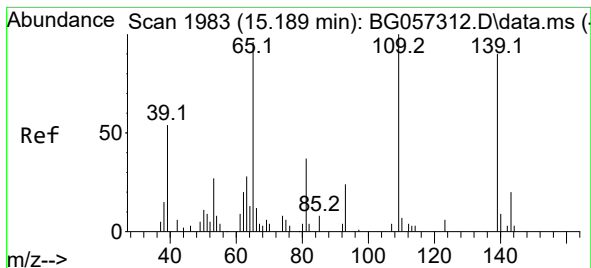
Tgt Ion:153 Resp: 73110
Ion Ratio Lower Upper
153 100
152 45.5 36.5 54.7
154 86.7 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 15.774 ng/ul
RT: 15.104 min Scan# 1969
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:184 Resp: 6942
Ion Ratio Lower Upper
184 100
63 56.6 48.3 72.5
154 72.1 50.0 75.0

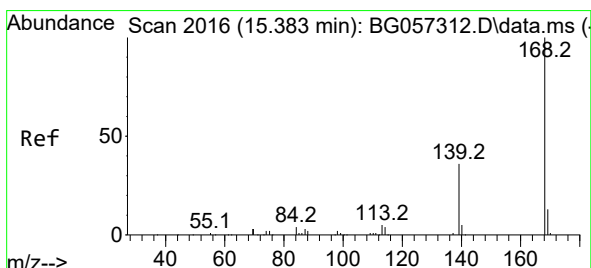
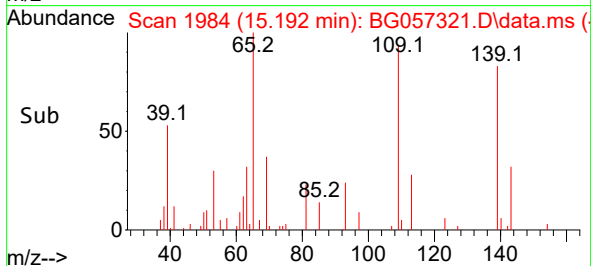
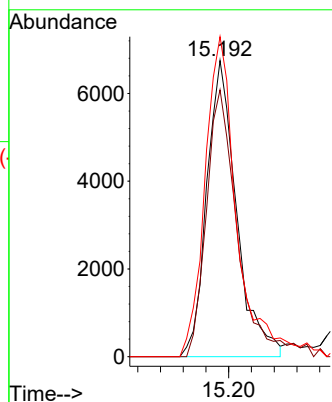
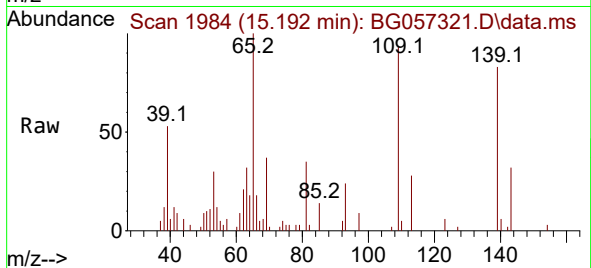




#55
4-Nitrophenol
Concen: 18.599 ng/ul
RT: 15.192 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

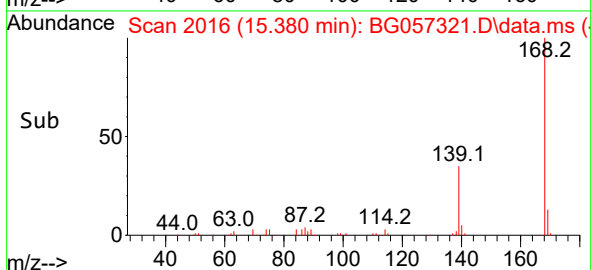
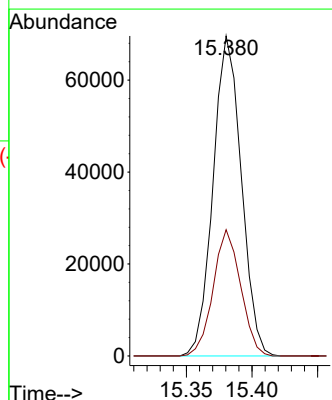
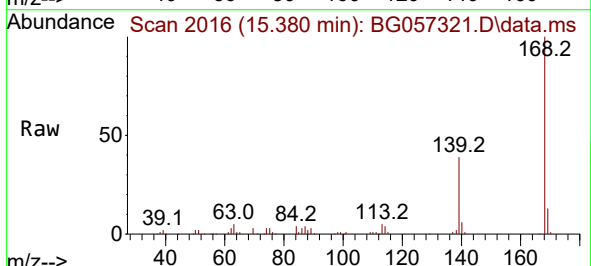
Instrument :
BNA_G
ClientSampleId :
SSTD020477

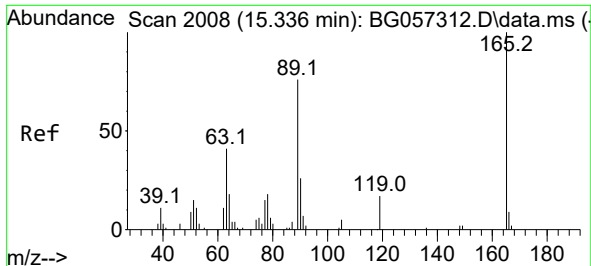
Tgt Ion:109 Resp: 12272
Ion Ratio Lower Upper
109 100
139 90.1 73.8 110.8
65 108.1 81.7 122.5



#56
Dibenzofuran
Concen: 22.118 ng/ul
RT: 15.380 min Scan# 2016
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:168 Resp: 103932
Ion Ratio Lower Upper
168 100
139 39.5 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 23.266 ng/ul

RT: 15.339 min Scan# 2008

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

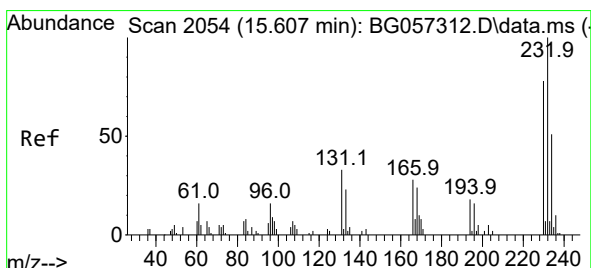
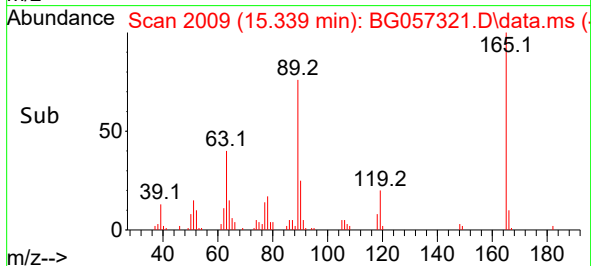
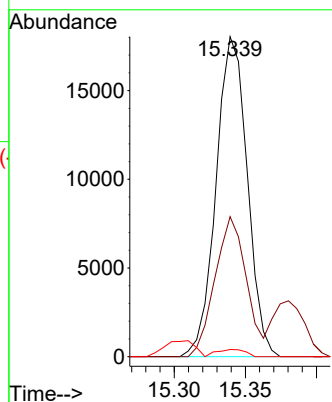
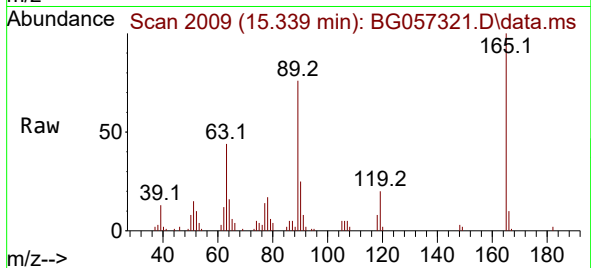
Tgt Ion:165 Resp: 27524

Ion Ratio Lower Upper

165 100

63 43.8 35.9 53.9

182 2.2 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.451 ng/ul

RT: 15.609 min Scan# 2055

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Tgt Ion:232 Resp: 23394

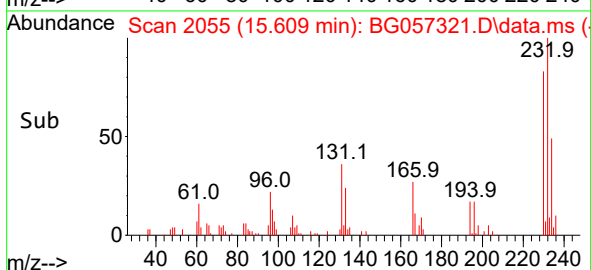
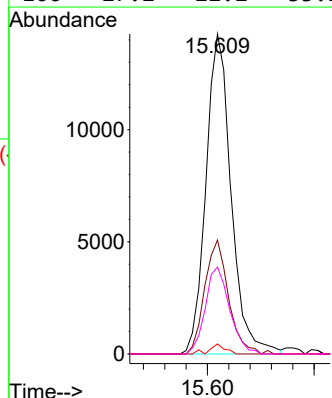
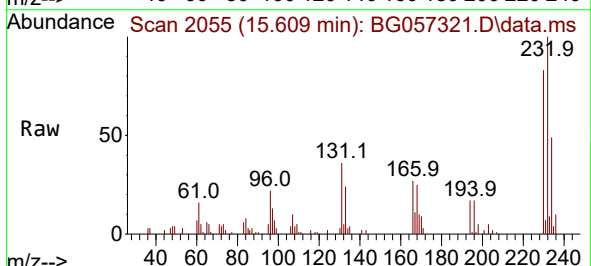
Ion Ratio Lower Upper

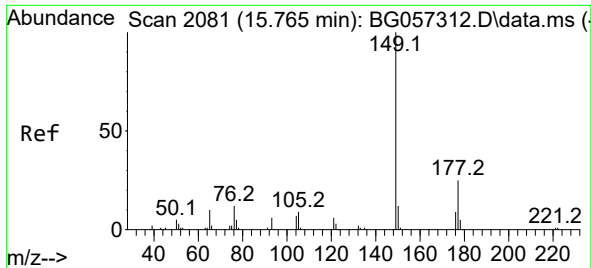
232 100

131 35.6 28.6 43.0

130 3.2 1.8 2.6#

166 27.2 22.2 33.2

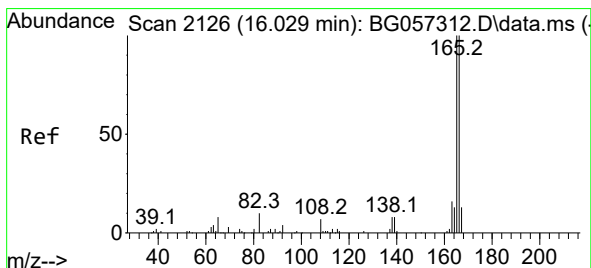
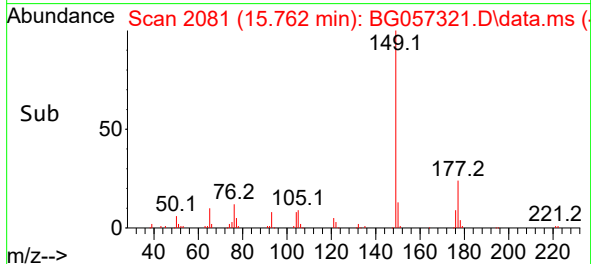
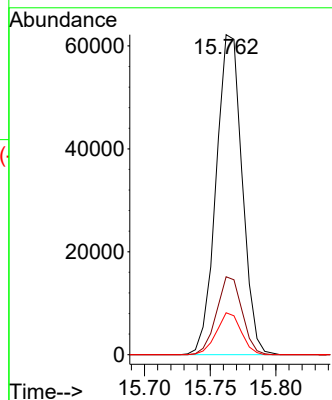
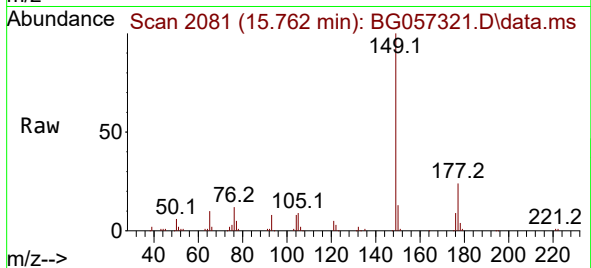




#59
Diethylphthalate
Concen: 20.999 ng/ul
RT: 15.762 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

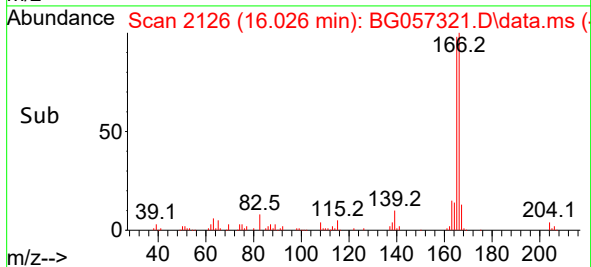
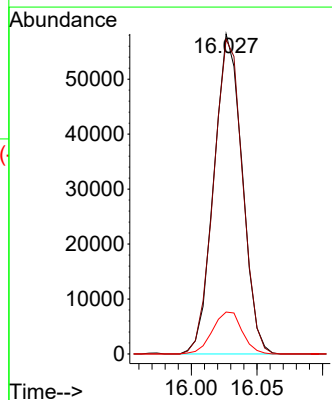
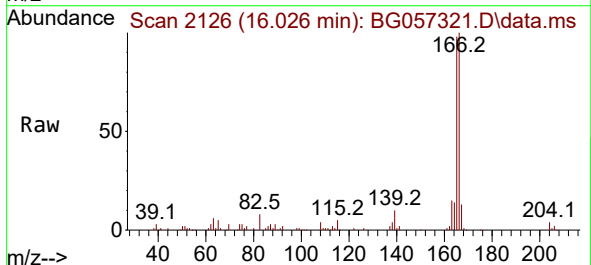
Instrument :
BNA_G
ClientSampleId :
SSTD020477

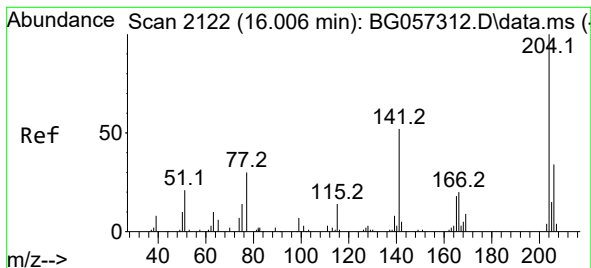
Tgt Ion:149 Resp: 85670
Ion Ratio Lower Upper
149 100
177 24.4 18.6 28.0
150 13.1 9.8 14.8



#61
Fluorene
Concen: 21.957 ng/ul
RT: 16.026 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:166 Resp: 87243
Ion Ratio Lower Upper
166 100
165 98.3 80.1 120.1
167 13.1 10.2 15.4

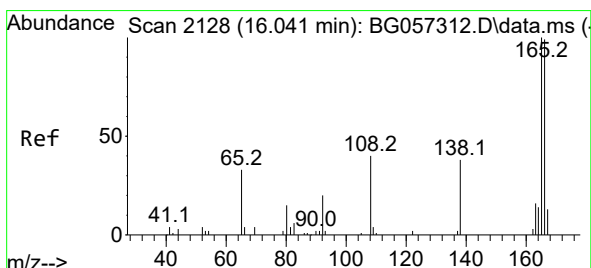
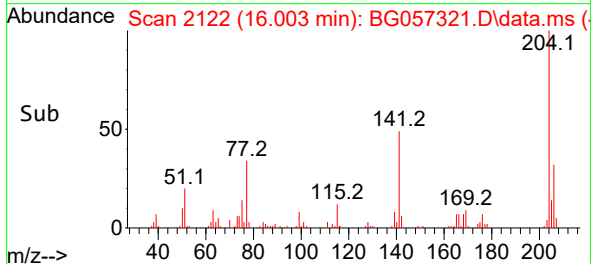
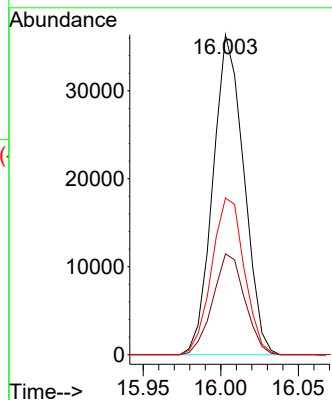
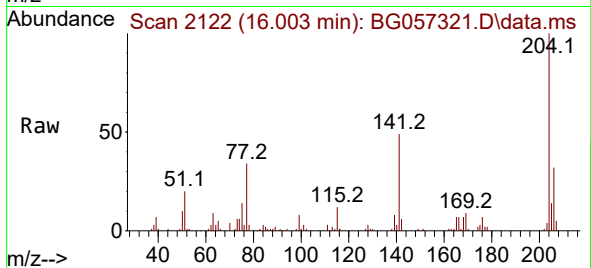




#62
4-Chlorophenyl-phenylether
Concen: 21.730 ng/ul
RT: 16.003 min Scan# 2122
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

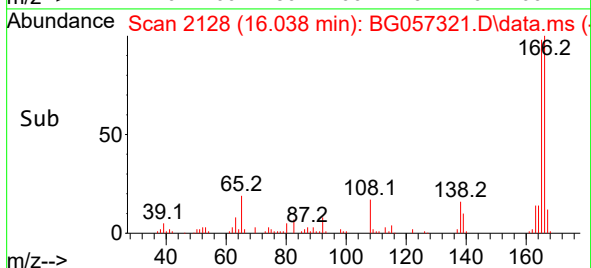
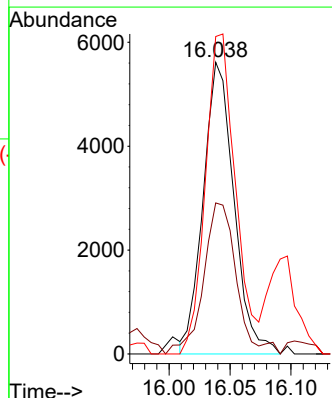
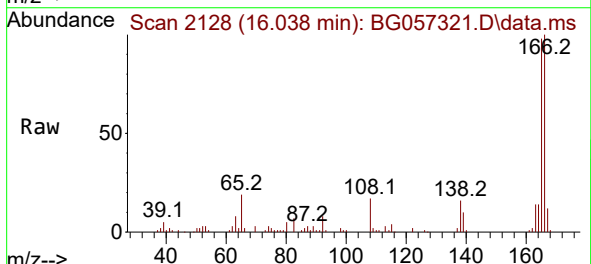
Instrument :
BNA_G
ClientSampleId :
SSTD020477

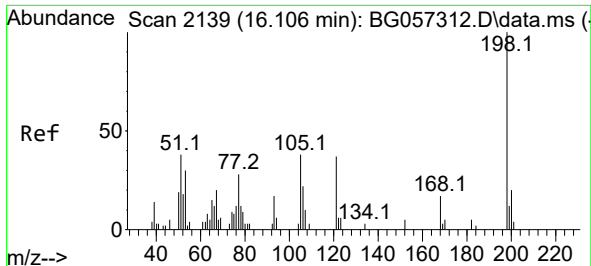
Tgt Ion:204 Resp: 50394
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 49.0 41.5 62.3



#63
4-Nitroaniline
Concen: 17.755 ng/ul
RT: 16.038 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:138 Resp: 9845
Ion Ratio Lower Upper
138 100
92 51.8 39.9 59.9
108 108.8 89.1 133.7

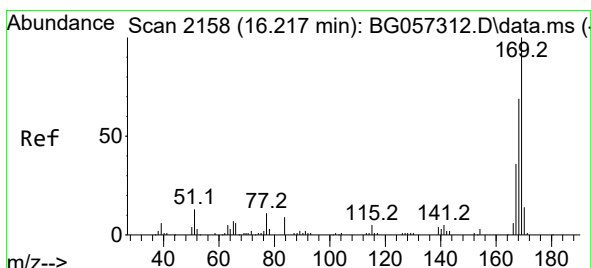
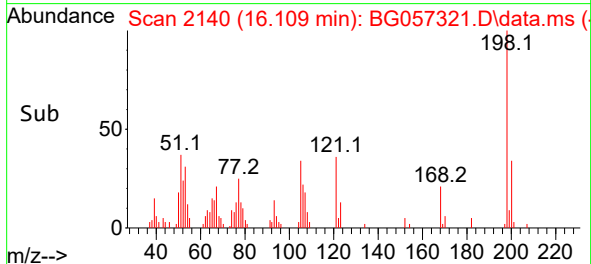
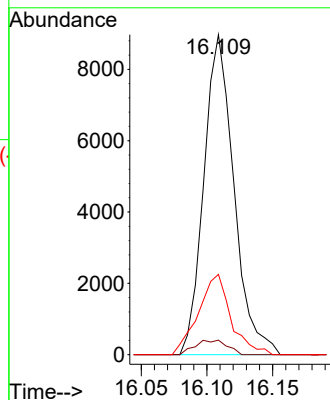
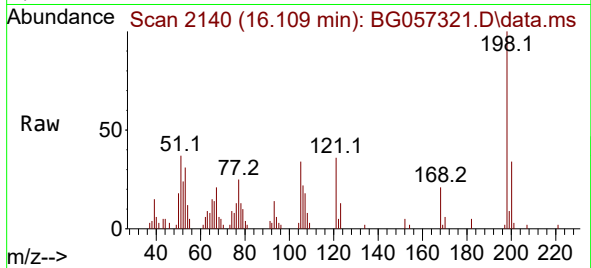




#66
4,6-Dinitro-2-methylphenol
Concen: 19.126 ng/ul
RT: 16.109 min Scan# 2139
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

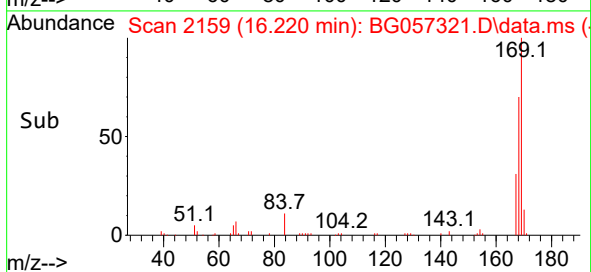
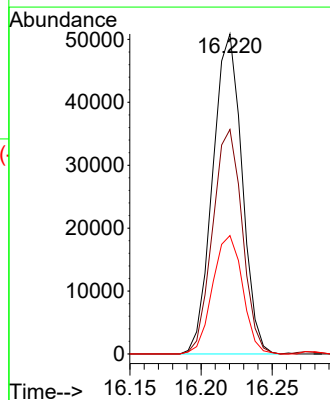
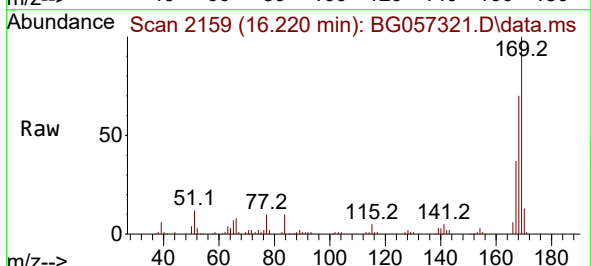
Instrument :
BNA_G
ClientSampleId :
SSTD020477

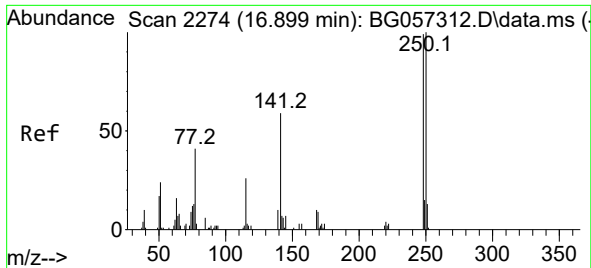
Tgt Ion:198 Resp: 14318
Ion Ratio Lower Upper
198 100
182 4.5 3.0 4.6
77 25.1 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 22.510 ng/ul
RT: 16.220 min Scan# 2159
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:169 Resp: 72912
Ion Ratio Lower Upper
169 100
168 70.2 55.4 83.2
167 37.0 31.0 46.4

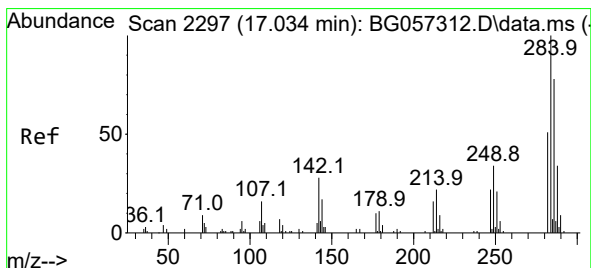
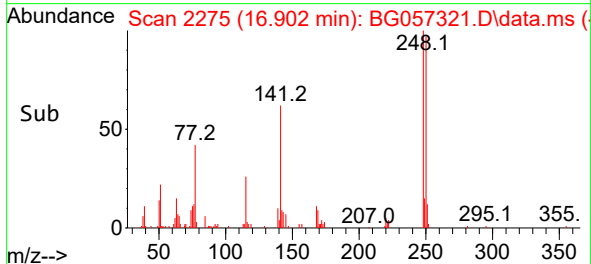
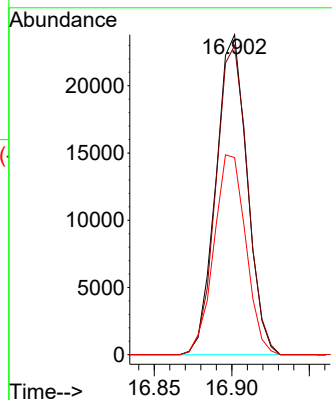
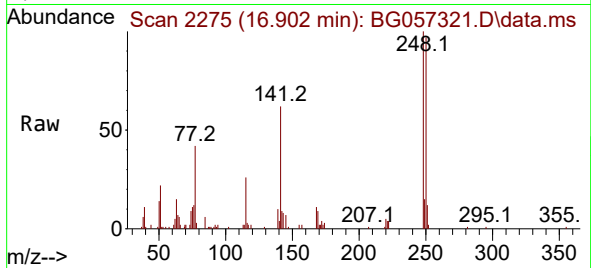




#68
4-Bromophenyl-phenylether
Concen: 22.445 ng/ul
RT: 16.902 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

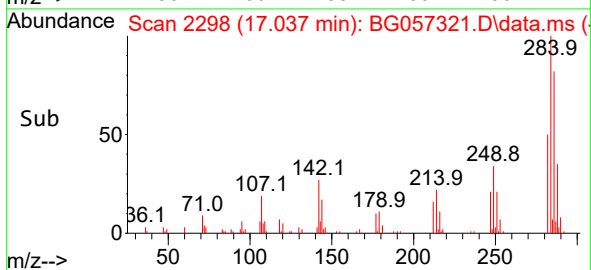
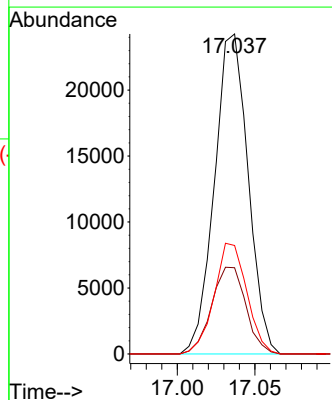
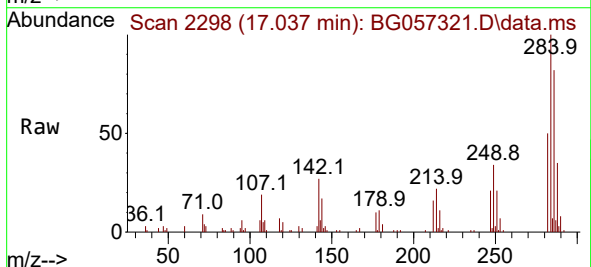
Instrument :
BNA_G
ClientSampleId :
SSTD020477

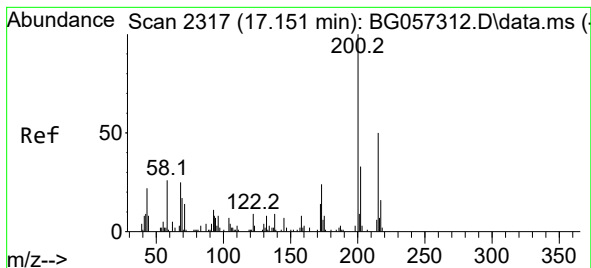
Tgt Ion:248 Resp: 33265
Ion Ratio Lower Upper
248 100
250 96.6 74.8 112.2
141 61.6 47.8 71.6



#69
Hexachlorobenzene
Concen: 23.444 ng/ul
RT: 17.037 min Scan# 2298
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:284 Resp: 36588
Ion Ratio Lower Upper
284 100
142 27.0 22.6 33.8
249 33.9 26.2 39.2





#70

Atrazine

Concen: 22.487 ng/ul

RT: 17.149 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

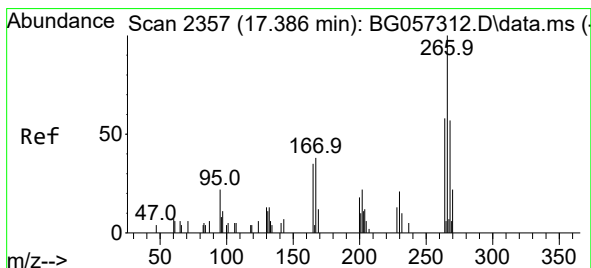
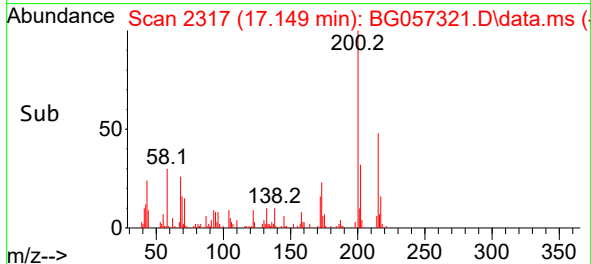
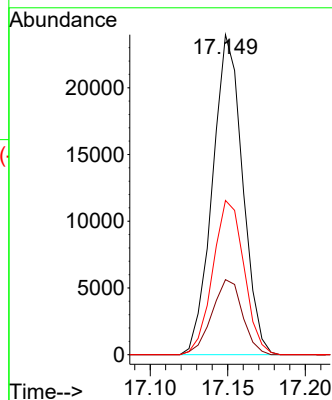
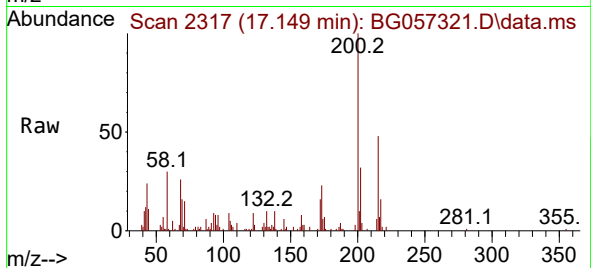
Tgt Ion:200 Resp: 32372

Ion Ratio Lower Upper

200 100

173 23.5 17.8 26.6

215 48.2 40.3 60.5



#71

Pentachlorophenol

Concen: 17.187 ng/ul

RT: 17.384 min Scan# 2357

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

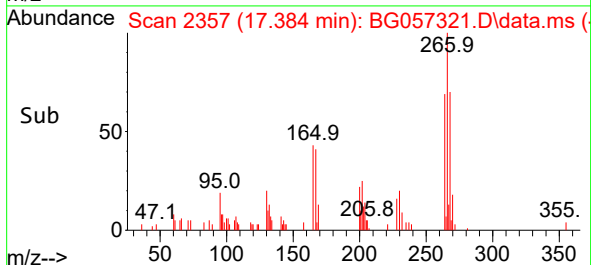
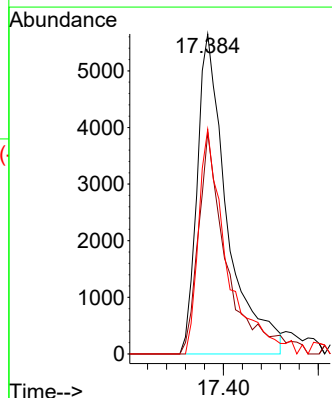
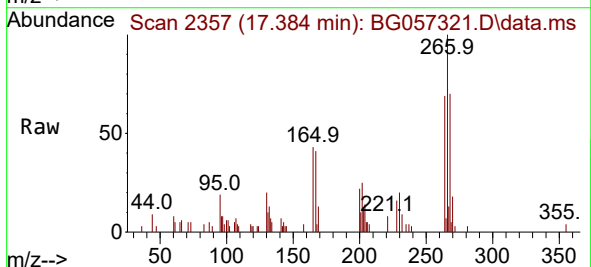
Tgt Ion:266 Resp: 12398

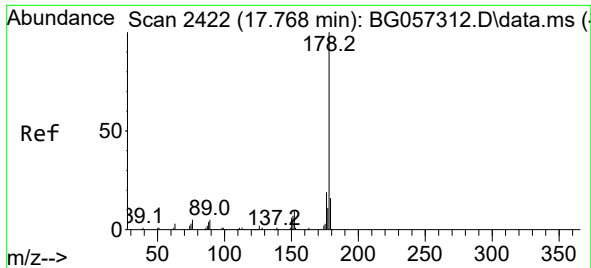
Ion Ratio Lower Upper

266 100

264 69.2 47.8 71.6

268 70.2 48.2 72.4

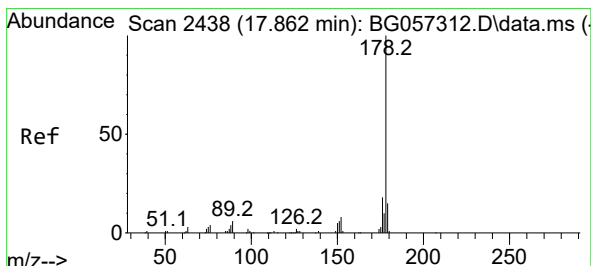
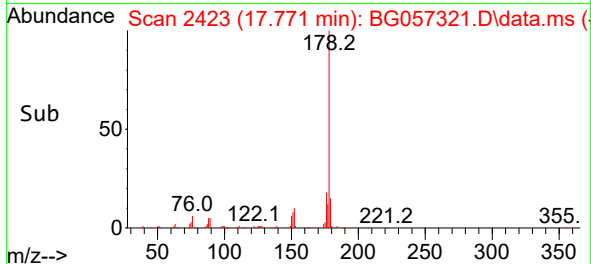
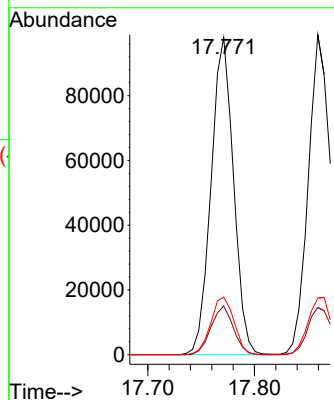
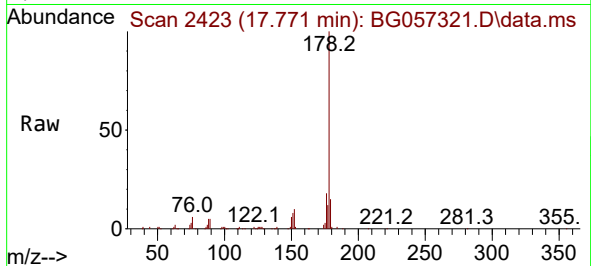




#72
Phenanthrene
Concen: 22.120 ng/ul
RT: 17.771 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

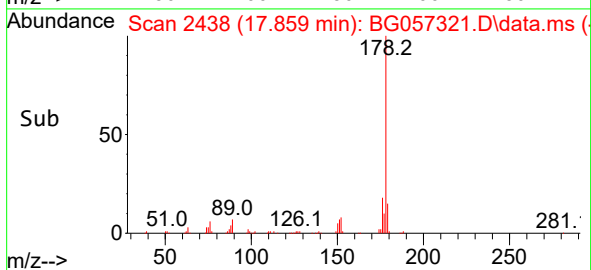
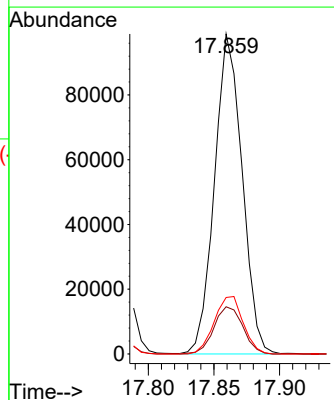
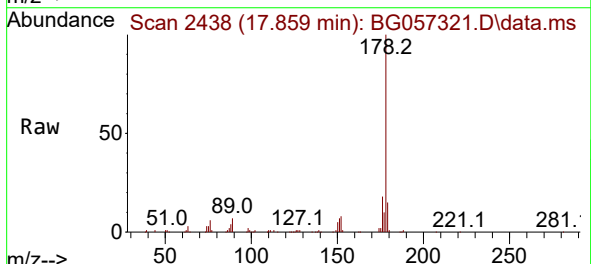
Instrument :
BNA_G
ClientSampleId :
SSTD020477

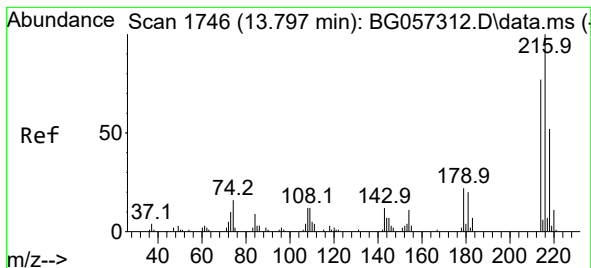
Tgt Ion:178 Resp: 142830
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 18.2 15.4 23.0



#74
Anthracene
Concen: 22.307 ng/ul
RT: 17.859 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:178 Resp: 144687
Ion Ratio Lower Upper
178 100
179 14.7 12.5 18.7
176 17.7 14.7 22.1

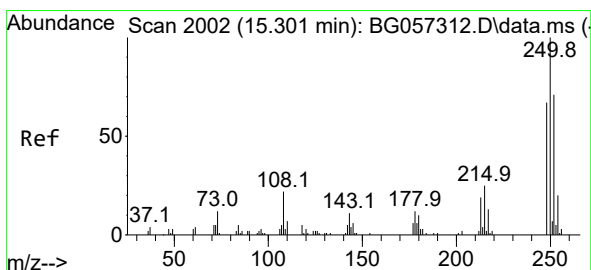
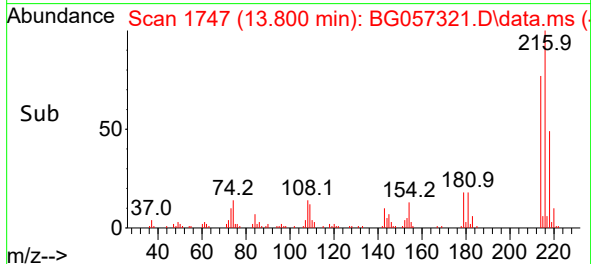
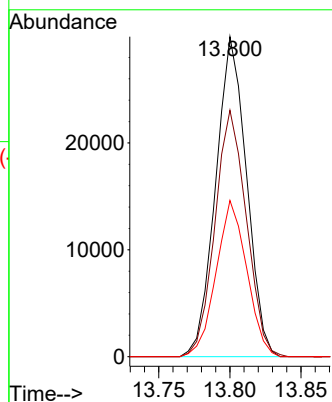
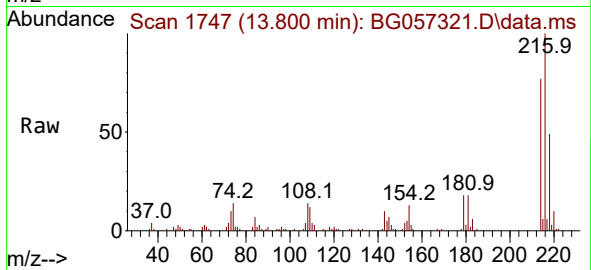




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.228 ng/uL
RT: 13.800 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

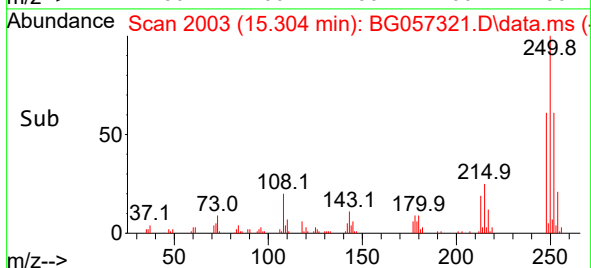
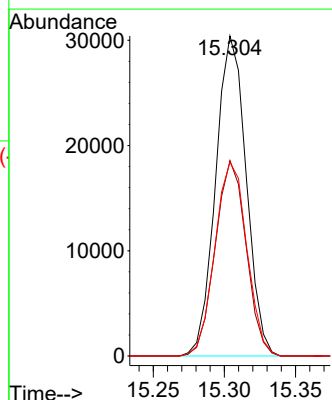
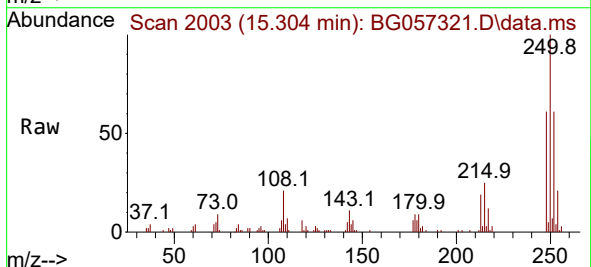
Instrument :
BNA_G
ClientSampleId :
SSTD020477

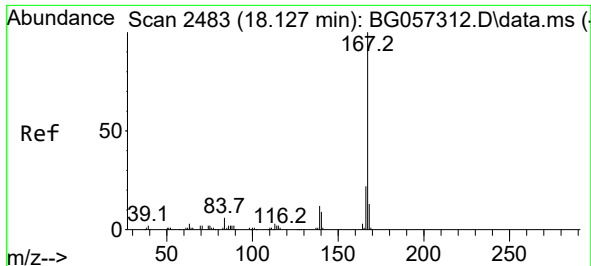
Tgt Ion:216 Resp: 45186
Ion Ratio Lower Upper
216 100
214 77.0 64.3 96.5
218 48.8 38.5 57.7



#76
Pentachlorobenzene
Concen: 23.952 ng/uL
RT: 15.304 min Scan# 2003
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:250 Resp: 45470
Ion Ratio Lower Upper
250 100
248 61.0 52.2 78.2
252 60.5 52.5 78.7

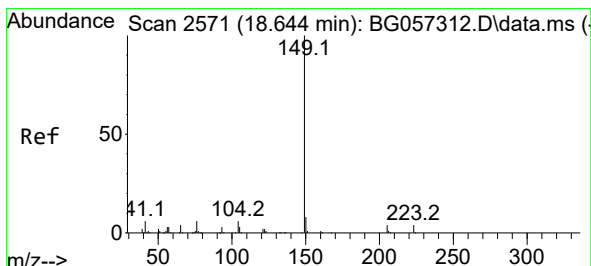
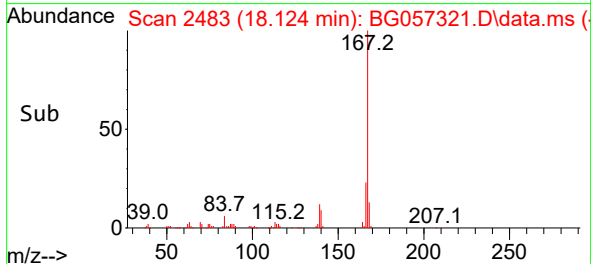
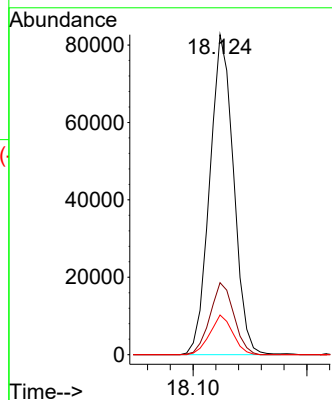
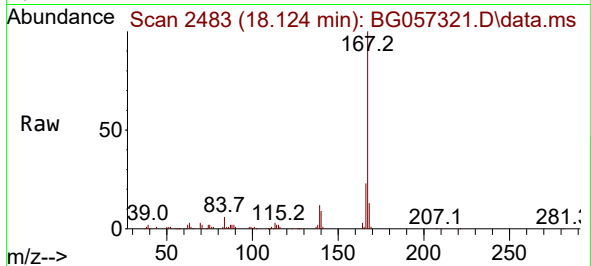




#77
 Carbazole
 Concen: 22.224 ng/ul
 RT: 18.124 min Scan# 2483
 Delta R.T. -0.003 min
 Lab File: BG057321.D
 Acq: 5 May 2023 17:13

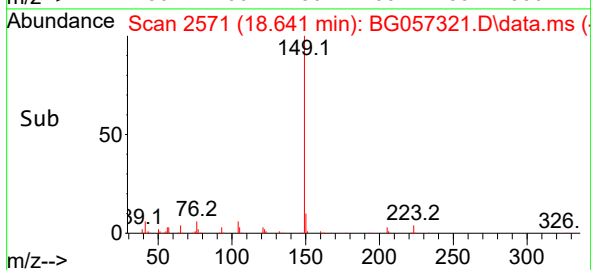
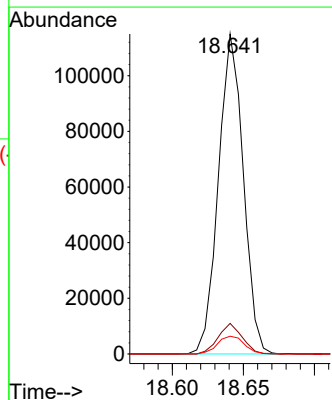
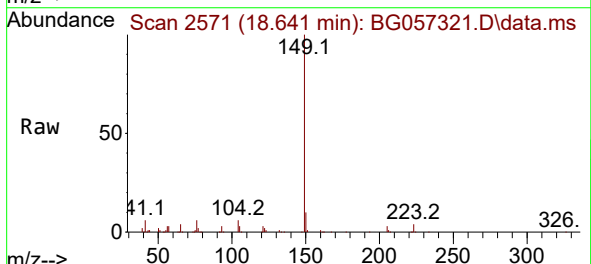
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020477

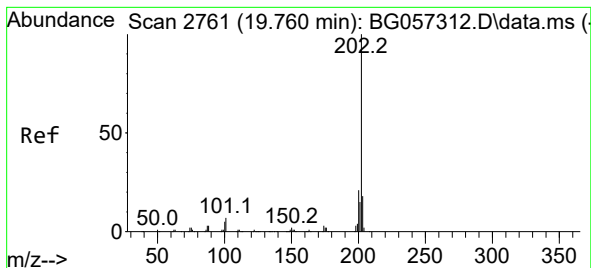
Tgt Ion:167 Resp: 120468
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.4 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.553 ng/ul
 RT: 18.641 min Scan# 2571
 Delta R.T. -0.003 min
 Lab File: BG057321.D
 Acq: 5 May 2023 17:13

Tgt Ion:149 Resp: 139790
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.5 5.0 7.6





#80

Fluoranthene

Concen: 23.488 ng/ul

RT: 19.757 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

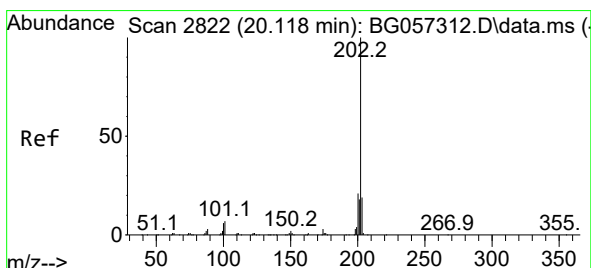
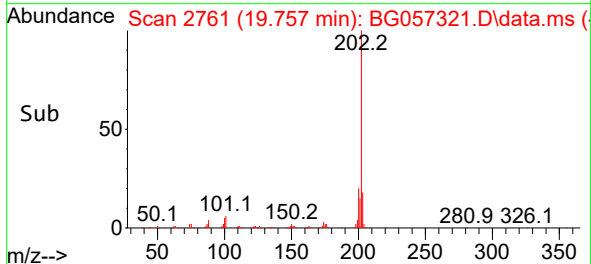
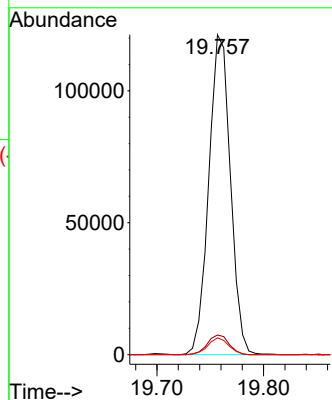
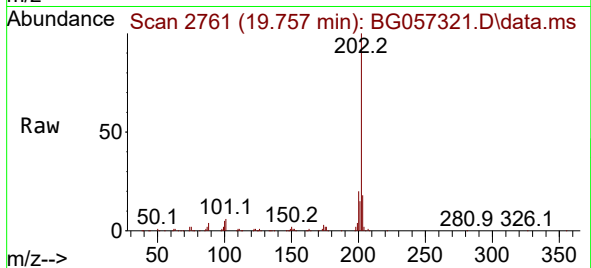
Tgt Ion:202 Resp: 170865

Ion Ratio Lower Upper

202 100

101 6.2 5.8 8.6

100 5.2 4.6 7.0



#82

Pyrene

Concen: 22.895 ng/ul

RT: 20.121 min Scan# 2823

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

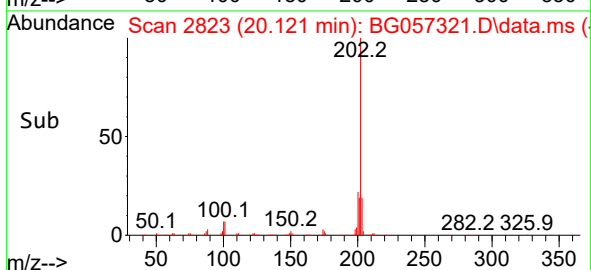
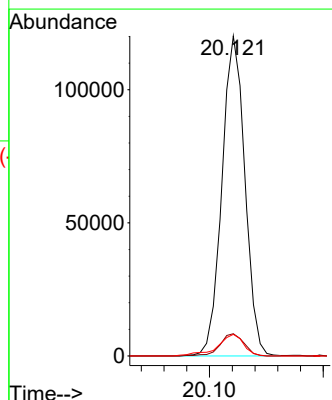
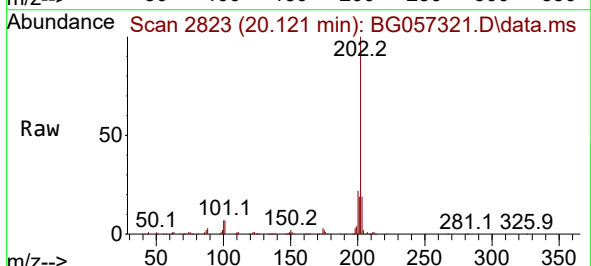
Tgt Ion:202 Resp: 168606

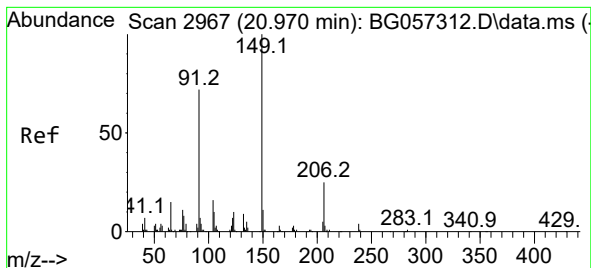
Ion Ratio Lower Upper

202 100

101 6.9 5.7 8.5

100 6.7 6.0 9.0





#83

Butylbenzylphthalate

Concen: 24.188 ng/ul

RT: 20.973 min Scan# 2967

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

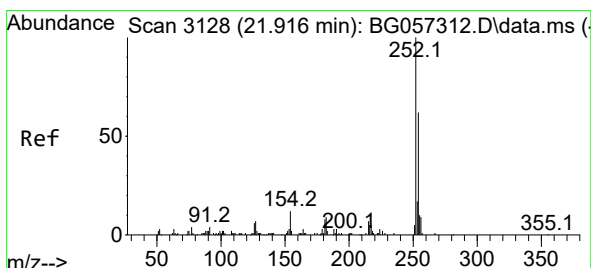
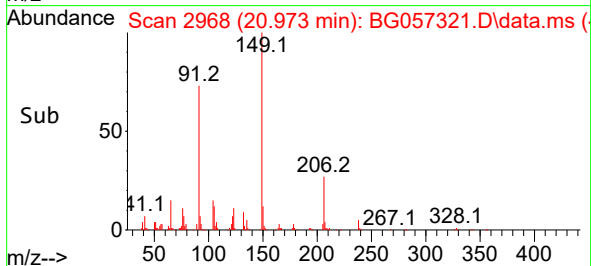
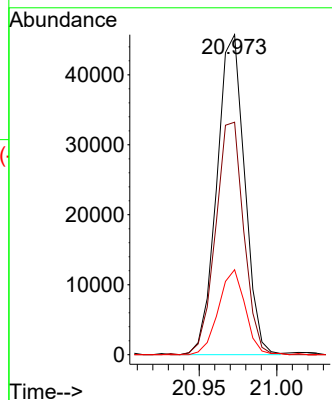
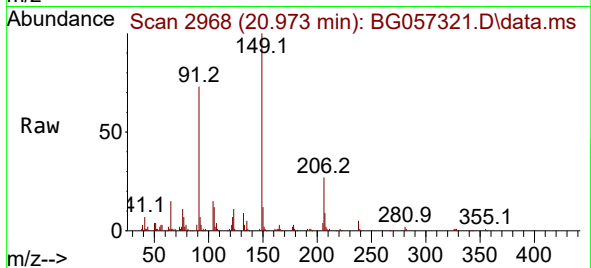
Tgt Ion:149 Resp: 57043

Ion Ratio Lower Upper

149 100

91 72.6 58.6 87.8

206 26.6 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 25.142 ng/ul

RT: 21.913 min Scan# 3128

Delta R.T. -0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

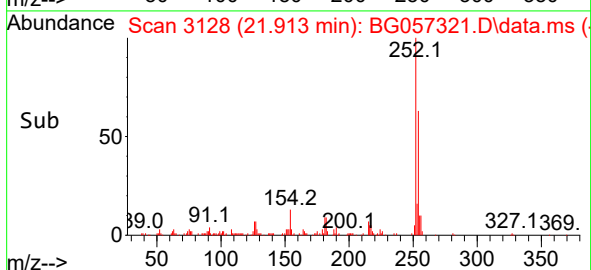
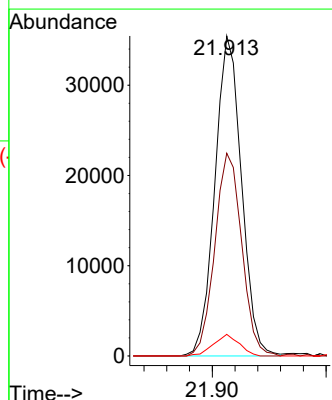
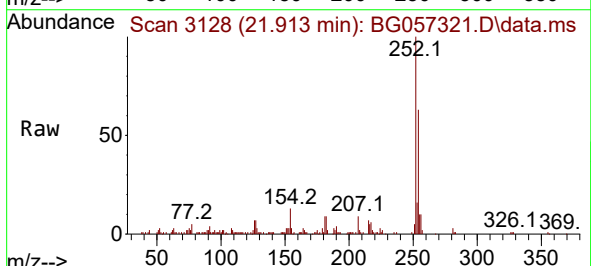
Tgt Ion:252 Resp: 57607

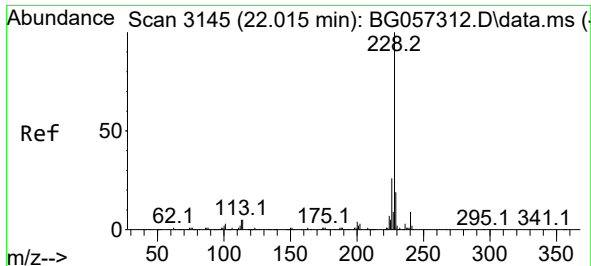
Ion Ratio Lower Upper

252 100

254 63.4 53.7 80.5

126 6.8 5.2 7.8

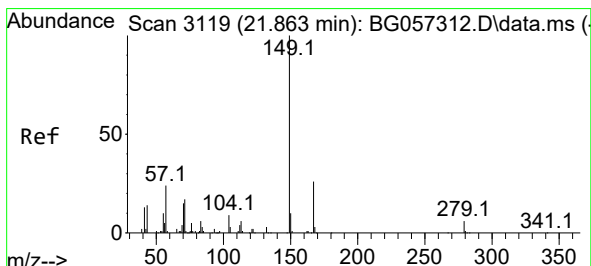
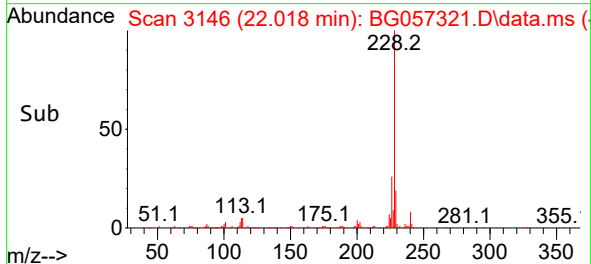
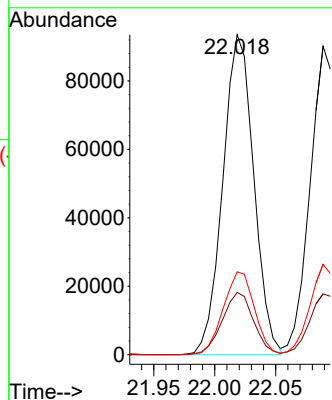
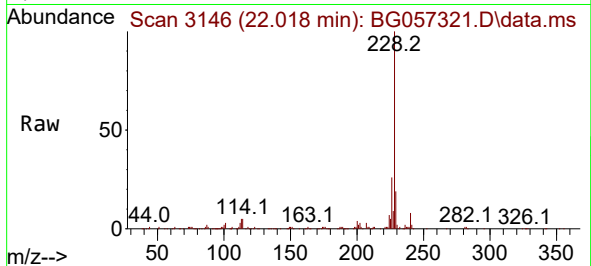




#85
Benzo(a)anthracene
Concen: 22.613 ng/ul
RT: 22.018 min Scan# 3145
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

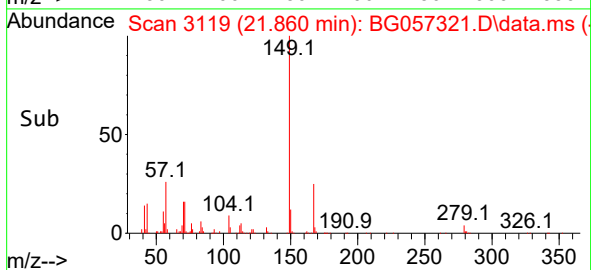
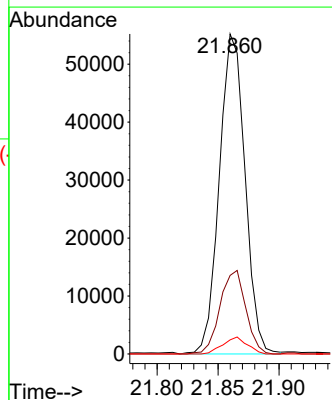
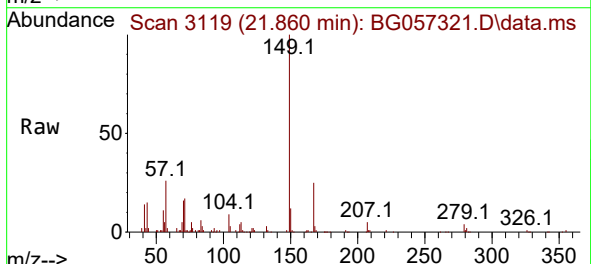
Instrument :
BNA_G
ClientSampleId :
SSTD020477

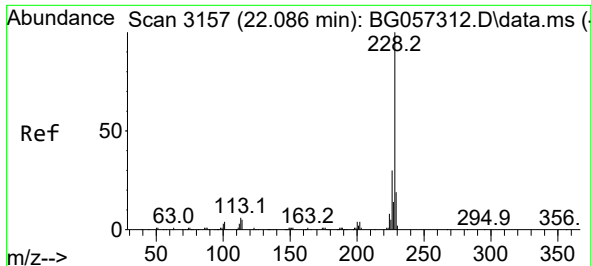
Tgt Ion:228 Resp: 165005
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 25.9 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.597 ng/ul
RT: 21.860 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:149 Resp: 80938
Ion Ratio Lower Upper
149 100
167 24.6 23.0 34.6
279 4.4 3.6 5.4

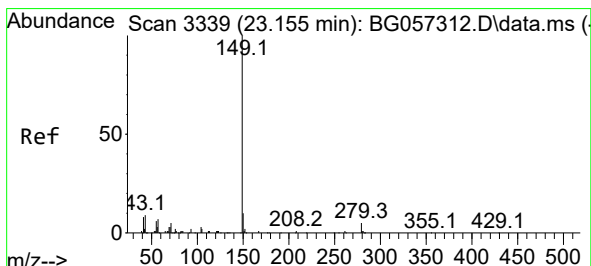
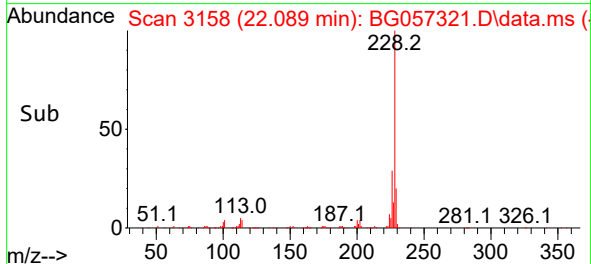
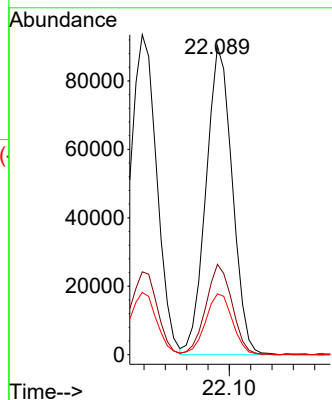
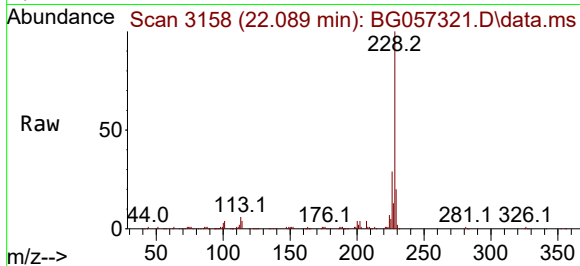




#87
Chrysene
Concen: 22.414 ng/ul
RT: 22.089 min Scan# 3157
Delta R.T. 0.003 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

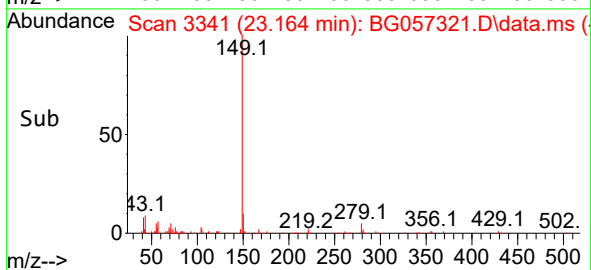
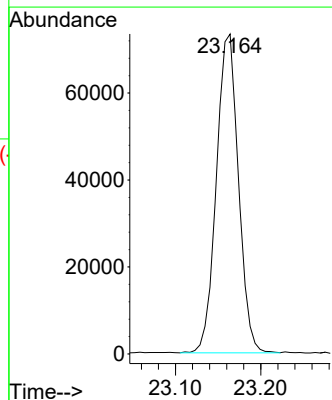
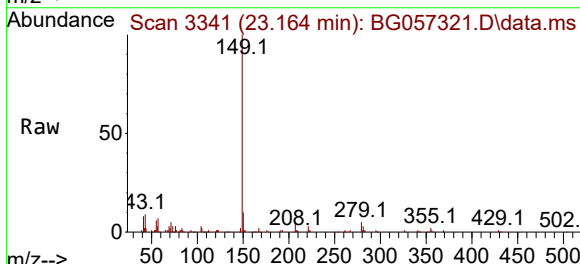
Instrument :
BNA_G
ClientSampleId :
SSTD020477

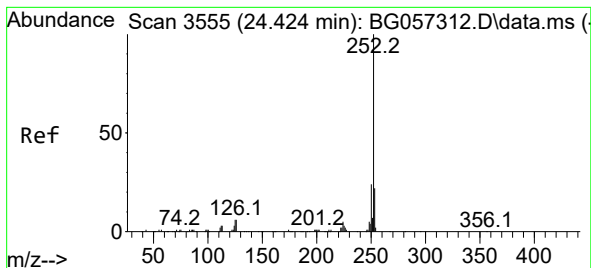
Tgt Ion:228 Resp: 154303
Ion Ratio Lower Upper
228 100
226 29.3 22.8 34.2
229 19.7 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 21.876 ng/ul
RT: 23.164 min Scan# 3341
Delta R.T. 0.009 min
Lab File: BG057321.D
Acq: 5 May 2023 17:13

Tgt Ion:149 Resp: 131651





#90

Benzo(b)fluoranthene

Concen: 21.345 ng/ul

RT: 24.433 min Scan# 3

Delta R.T. 0.009 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

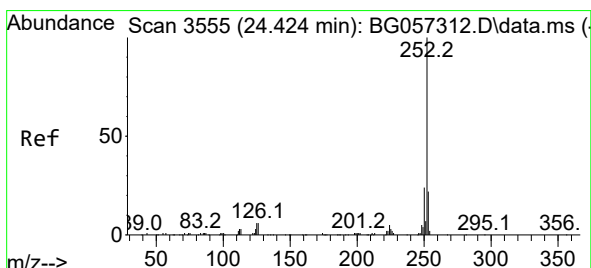
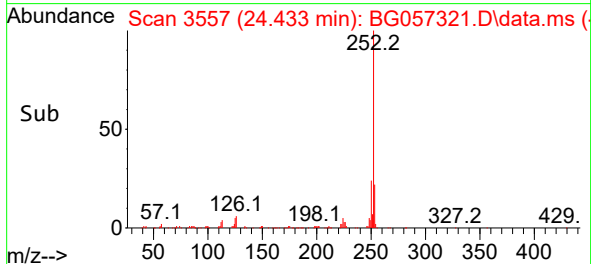
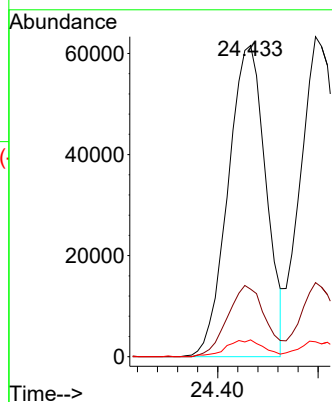
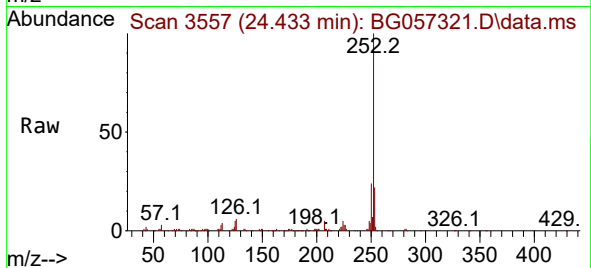
Tgt Ion:252 Resp: 161086

Ion Ratio Lower Upper

252 100

253 21.7 16.7 25.1

125 5.4 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 22.120 ng/ul

RT: 24.497 min Scan# 3568

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

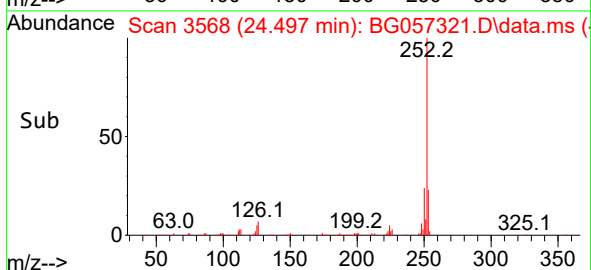
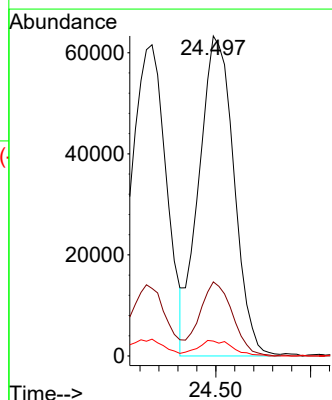
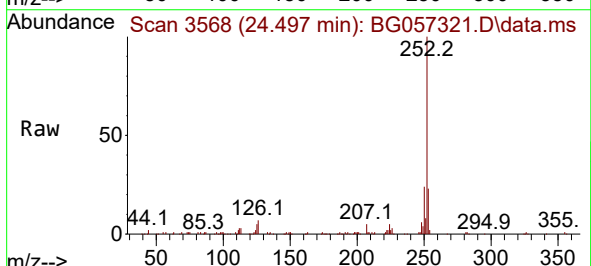
Tgt Ion:252 Resp: 162402

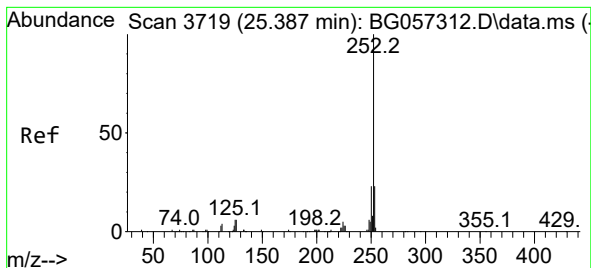
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 4.7 4.5 6.7





#93

Benzo(a)pyrene

Concen: 22.328 ng/ul

RT: 25.390 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

Instrument :

BNA_G

ClientSampleId :

SSTD020477

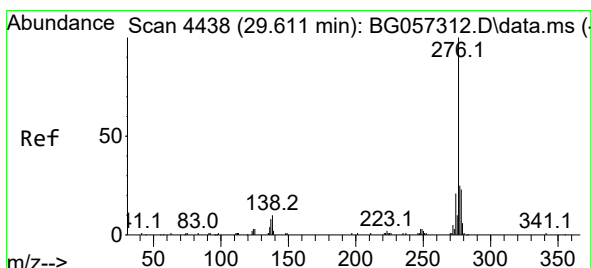
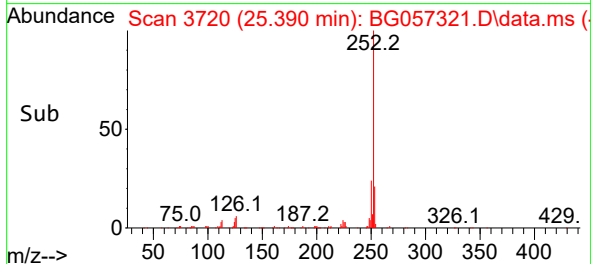
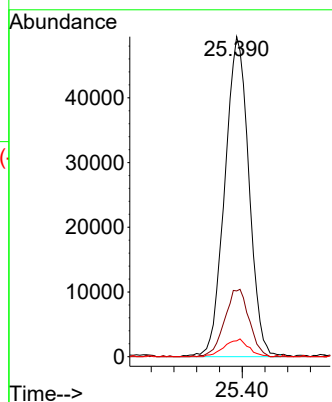
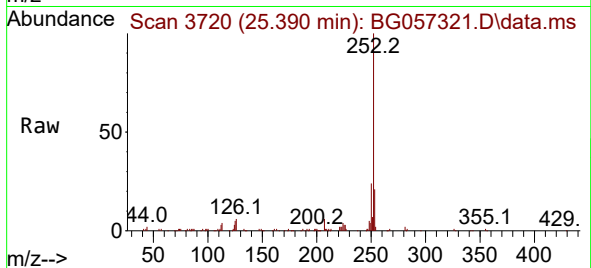
Tgt Ion:252 Resp: 145473

Ion Ratio Lower Upper

252 100

253 20.6 17.2 25.8

125 5.0 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.630 ng/ul

RT: 29.614 min Scan# 4439

Delta R.T. 0.003 min

Lab File: BG057321.D

Acq: 5 May 2023 17:13

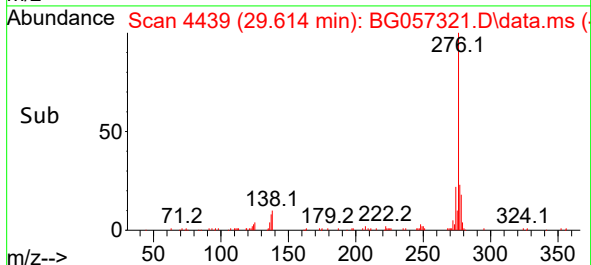
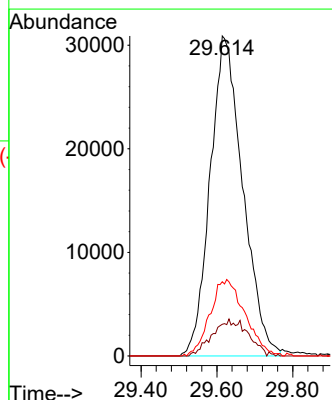
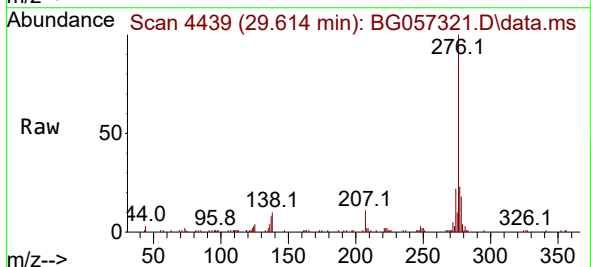
Tgt Ion:276 Resp: 184306

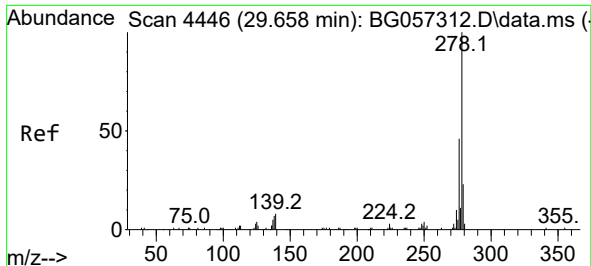
Ion Ratio Lower Upper

276 100

138 9.9 9.4 14.2

277 23.2 18.6 28.0

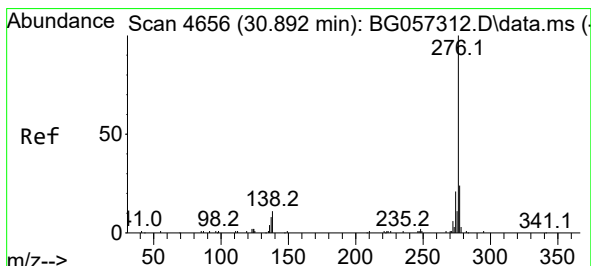
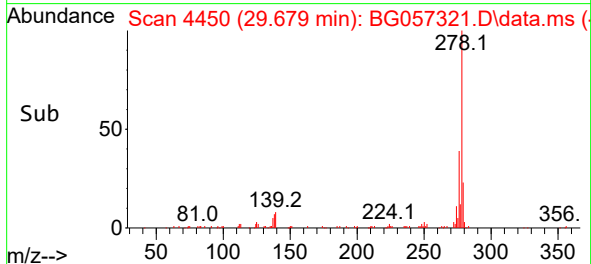
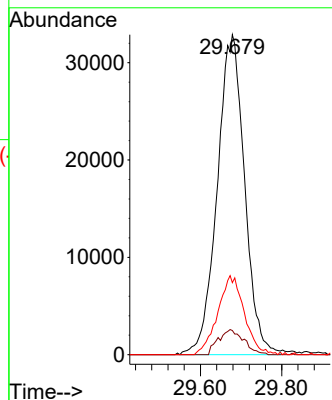
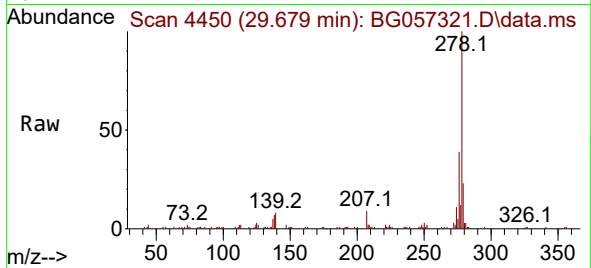




#95
 Dibenzo(a,h)anthracene
 Concen: 22.729 ng/ul
 RT: 29.679 min Scan# 4446
 Delta R.T. 0.021 min
 Lab File: BG057321.D
 Acq: 5 May 2023 17:13

Instrument :
 BNA_G
 ClientSampleId :
 SST020477

Tgt Ion:278 Resp: 153494
 Ion Ratio Lower Upper
 278 100
 139 7.5 5.8 8.6
 279 22.5 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 22.332 ng/ul
 RT: 30.906 min Scan# 4659
 Delta R.T. 0.015 min
 Lab File: BG057321.D
 Acq: 5 May 2023 17:13

Tgt Ion:276 Resp: 147196
 Ion Ratio Lower Upper
 276 100
 138 9.6 8.7 13.1
 277 21.1 18.4 27.6

