

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057320.D
 Acq On : 5 May 2023 16:32
 Operator : CG/JU
 Sample : PB152528BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS528

Quant Time: May 05 23:55:14 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	18611	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	82823	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.992	164	64163	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	151230	20.000	ng/u1	0.00
79) Chrysene-d12	22.047	240	129635	20.000	ng/u1	0.00
88) Perylene-d12	25.560	264	135719	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1801	4.258	ng/uL	0.00
4) Pyridine-d5	4.089	84	27486	20.614	ng/u1	0.00
7) Phenol-d5	7.514	99	42478	24.134	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	22303	21.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	30118	25.967	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	33489	25.035	ng/u1	0.00
21) Nitrobenzene-d5	9.547	128	15445	23.417	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	19027	24.718	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	37728	25.405	ng/u1	0.00
31) 4-Chloroaniline-d4	11.338	131	42410	21.547	ng/u1	0.00
46) Dimethylphthalate-d6	14.375	166	119695	23.543	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	139702	24.448	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	15372	20.772	ng/u1	0.00
60) Fluorene-d10	15.973	176	109127	23.041	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.097	200	20427	22.798	ng/u1	0.00
73) Anthracene-d10	17.830	188	168700	24.439	ng/u1	0.00
81) Pyrene-d10	20.097	212	192274	24.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.319	264	169064	24.451	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	4061	9.054	ng/uL#	84
5) Pyridine	4.107	79	28528	20.297	ng/u1	94
6) Benzaldehyde	7.496	77	25257	46.984	ng/u1	87
8) Phenol	7.538	94	44995	25.364	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.773	93	30669	23.100	ng/u1	94
12) 2-Chlorophenol	7.931	128	31711	26.029	ng/u1	97
13) 2-Methylphenol	8.812	108	33804	24.588	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.895	45	36188	21.140	ng/u1#	95
16) Acetophenone	9.200	105	55718	24.206	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.171	70	30291	22.900	ng/u1	92
18) 4-Methylphenol	9.141	108	37959	25.508	ng/u1	99
19) Hexachloroethane	9.476	117	13340	26.171	ng/u1	98
22) Nitrobenzene	9.594	77	46120	23.482	ng/u1	99
23) Isophorone	10.111	82	85268	22.818	ng/u1	98
25) 2-Nitrophenol	10.316	139	19667	25.225	ng/u1	96
26) 2,4-Dimethylphenol	10.357	107	41364	23.387	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.586	93	44127	22.717	ng/u1	99
29) 2,4-Dichlorophenol	10.857	162	37778	26.800	ng/u1	98
30) Naphthalene	11.262	128	113154	24.883	ng/u1	98
32) 4-Chloroaniline	11.362	127	38199	18.626	ng/u1	95
33) Hexachlorobutadiene	11.532	225	30422	25.445	ng/u1	98
34) Caprolactam	12.114	113	11695	24.645	ng/u1	85
35) 4-Chloro-3-methylphenol	12.460	107	41968	25.876	ng/u1	98
36) 2-Methylnaphthalene	12.842	142	83883	25.153	ng/u1	98

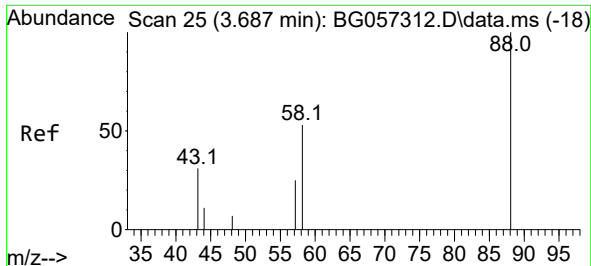
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.060	142	85450	25.483	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.201	216	61851	26.526	ng/ul	99
40) Hexachlorocyclopentadiene	13.171	237	8710	7.485	ng/ul	97
41) 2,4,6-Trichlorophenol	13.435	196	34823	25.643	ng/ul	96
42) 2,4,5-Trichlorophenol	13.518	196	37365	25.628	ng/ul	93
43) 1,1'-Biphenyl	13.823	154	119981	24.507	ng/ul	97
44) 2-Chloronaphthalene	13.882	162	96450	25.408	ng/ul	98
45) 2-Nitroaniline	14.076	65	28050	24.477	ng/ul	90
47) Dimethylphthalate	14.422	163	121513	23.800	ng/ul	99
48) 2,6-Dinitrotoluene	14.557	165	26841	25.546	ng/ul	94
50) Acenaphthylene	14.716	152	144955	24.963	ng/ul	99
51) 3-Nitroaniline	14.886	138	23254	31.235	ng/ul	95
52) Acenaphthene	15.051	153	101905	24.631	ng/ul	99
53) 2,4-Dinitrophenol	15.110	184	10444	18.665	ng/ul	96
55) 4-Nitrophenol	15.192	109	17245	20.556	ng/ul	98
56) Dibenzofuran	15.386	168	147830	24.744	ng/ul	99
57) 2,4-Dinitrotoluene	15.345	165	36797	24.464	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.609	232	30759	23.217	ng/ul#	96
59) Diethylphthalate	15.768	149	121852	23.492	ng/ul	97
61) Fluorene	16.032	166	122222	24.193	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.008	204	71011	24.083	ng/ul	98
63) 4-Nitroaniline	16.044	138	24214	34.346	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.114	198	21257	23.282	ng/ul#	87
67) N-Nitrosodiphenylamine	16.220	169	103139	26.108	ng/ul	99
68) 4-Bromophenyl-phenylether	16.901	248	47815	26.453	ng/ul	95
69) Hexachlorobenzene	17.036	284	51071	26.832	ng/ul	99
70) Atrazine	17.154	200	21496	12.243	ng/ul	97
71) Pentachlorophenol	17.383	266	16143	18.348	ng/ul	95
72) Phenanthrene	17.771	178	197600	25.091	ng/ul	99
74) Anthracene	17.865	178	196140	24.794	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.806	216	62553	27.500	ng/uL	96
76) Pentachlorobenzene	15.309	250	61398	26.518	ng/uL	99
77) Carbazole	18.129	167	171778	25.984	ng/ul	99
78) Di-n-butylphthalate	18.646	149	197236	26.090	ng/ul	99
80) Fluoranthene	19.762	202	239872	26.243	ng/ul	97
82) Pyrene	20.126	202	237995	25.720	ng/ul#	97
83) Butylbenzylphthalate	20.972	149	80418	27.138	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.918	252	82728	28.735	ng/ul	97
85) Benzo(a)anthracene	22.024	228	231294	25.227	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.865	149	112279	26.052	ng/ul	95
87) Chrysene	22.094	228	216373	25.014	ng/ul	99
89) Di-n-octyl phthalate	23.163	149	189009	25.219	ng/ul	100
90) Benzo(b)fluoranthene	24.509	252	228953	24.361	ng/ul	99
91) Benzo(k)fluoranthene	24.509	252	228953	25.040	ng/ul	98
93) Benzo(a)pyrene	25.402	252	203783	25.115	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.643	276	261507	25.783	ng/ul	96
95) Dibenzo(a,h)anthracene	29.690	278	217760	25.892	ng/ul	97
96) Benzo(g,h,i)perylene	30.918	276	205354	25.017	ng/ul	99

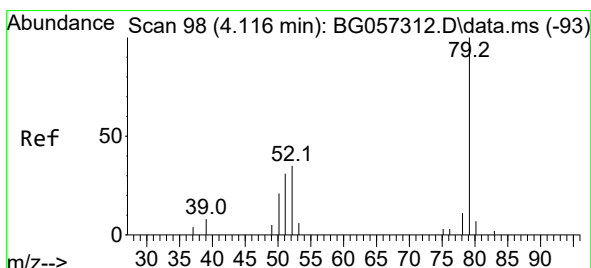
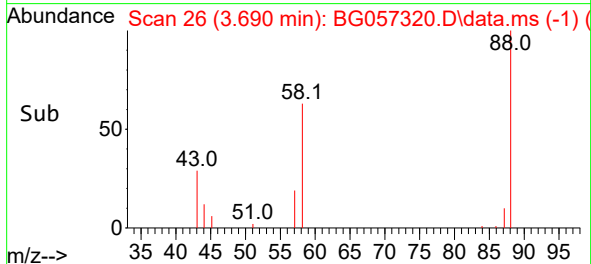
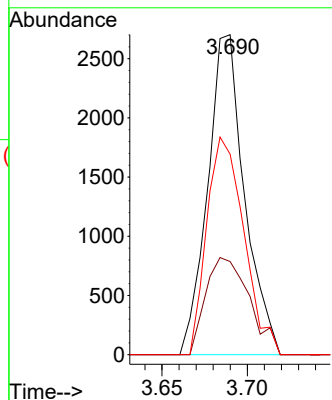
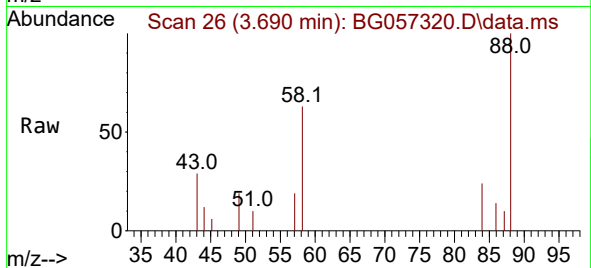
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#2
1,4-Dioxane
Concen: 9.054 ng/uL
RT: 3.690 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

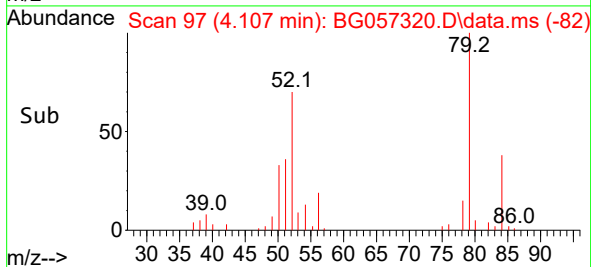
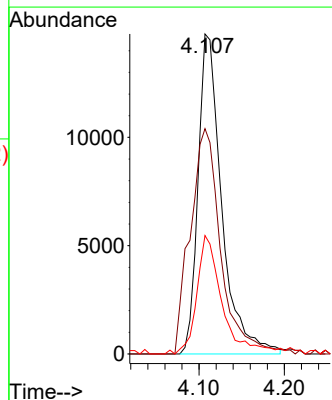
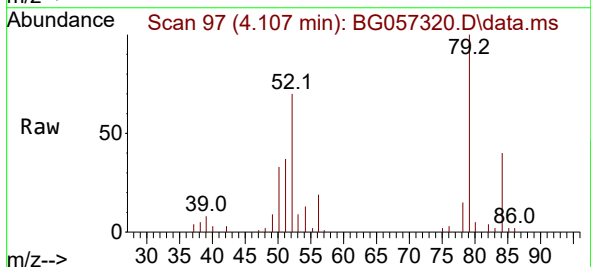
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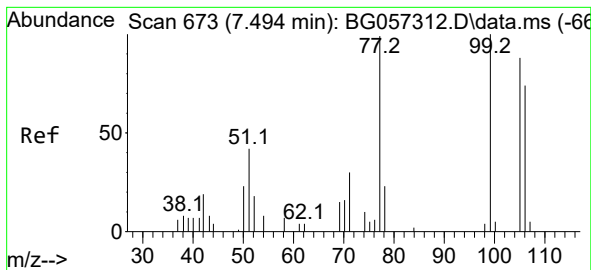
Tgt Ion: 88 Resp: 4061
Ion Ratio Lower Upper
88 100
43 29.1 28.2 42.4
58 62.7 63.3 94.9#



#5
Pyridine
Concen: 20.297 ng/uL
RT: 4.107 min Scan# 97
Delta R.T. -0.009 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion: 79 Resp: 28528
Ion Ratio Lower Upper
79 100
52 70.4 62.4 93.6
51 37.0 29.0 43.4





#6

Benzaldehyde

Concen: 46.984 ng/ul

RT: 7.496 min Scan# 61

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

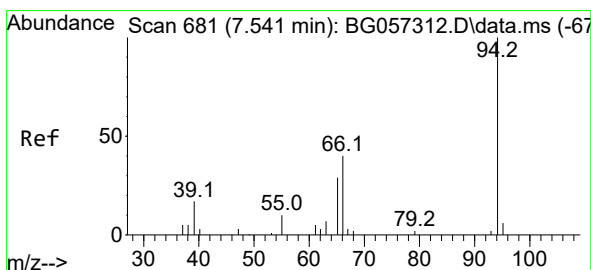
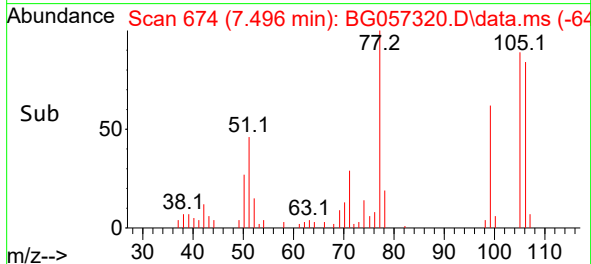
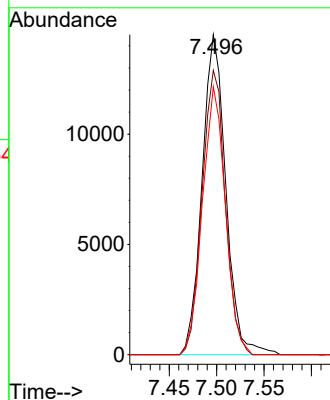
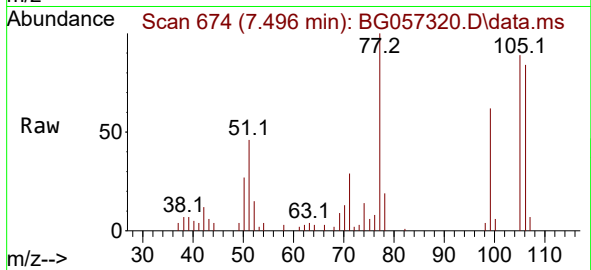
Tgt Ion: 77 Resp: 25257

Ion Ratio Lower Upper

77 100

105 88.8 79.8 119.6

106 83.7 78.7 118.1



#8

Phenol

Concen: 25.364 ng/ul

RT: 7.538 min Scan# 681

Delta R.T. -0.003 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

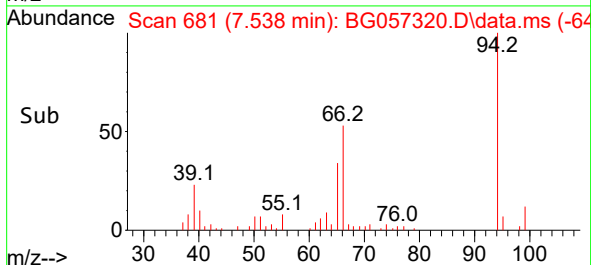
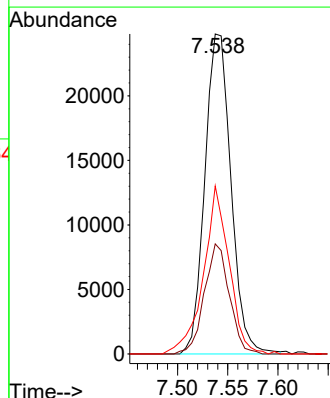
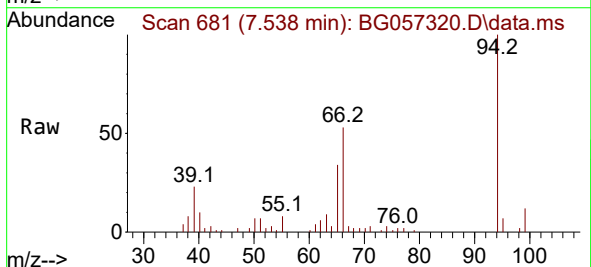
Tgt Ion: 94 Resp: 44995

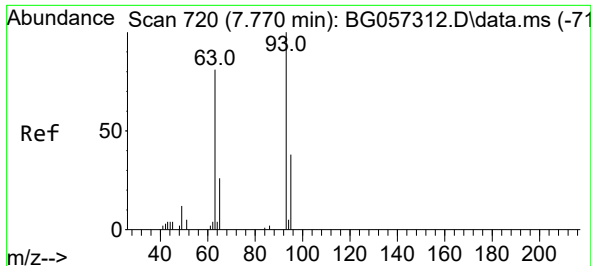
Ion Ratio Lower Upper

94 100

65 34.4 25.5 38.3

66 52.5 36.9 55.3

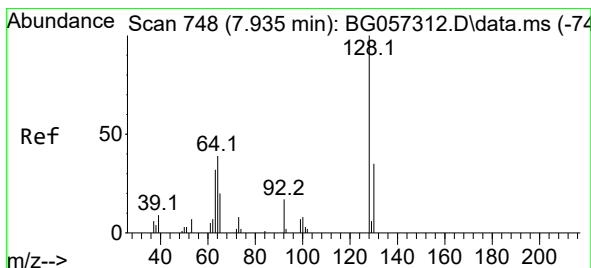
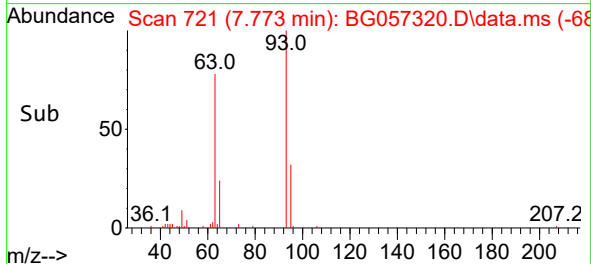
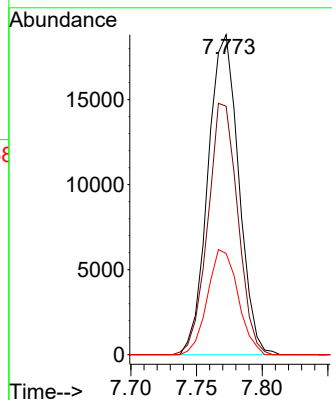
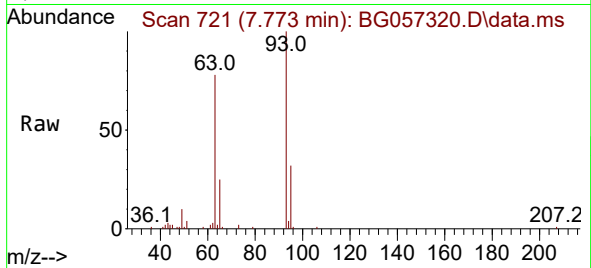




#10
Bis(2-Chloroethyl)ether
Concen: 23.100 ng/ul
RT: 7.773 min Scan# 720
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

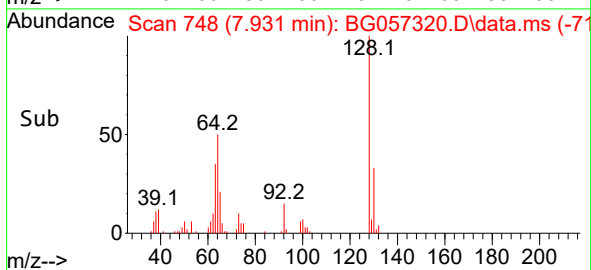
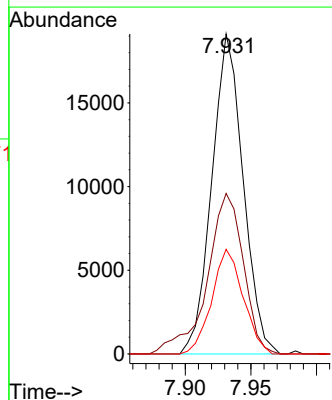
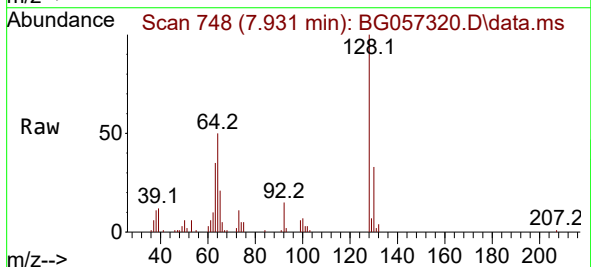
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ClientSampleId :
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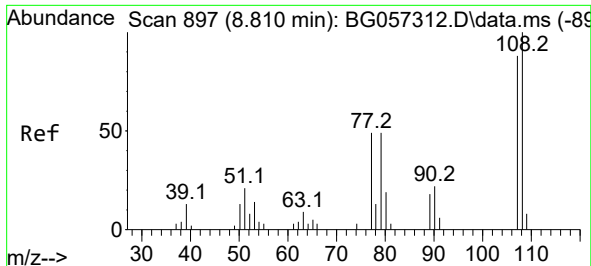
Tgt Ion: 93 Resp: 30669
Ion Ratio Lower Upper
93 100
63 77.7 67.2 100.8
95 31.7 26.3 39.5



#12
2-Chlorophenol
Concen: 26.029 ng/ul
RT: 7.931 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:128 Resp: 31711
Ion Ratio Lower Upper
128 100
64 50.2 41.3 61.9
130 32.7 24.6 37.0





#13

2-Methylphenol

Concen: 24.588 ng/ul

RT: 8.812 min Scan# 897

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

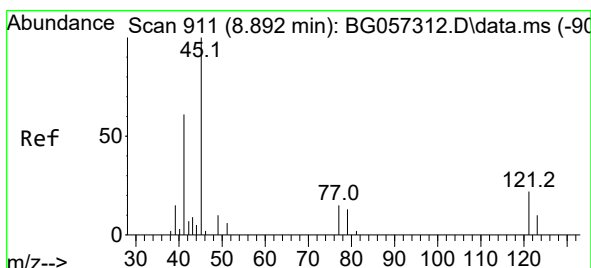
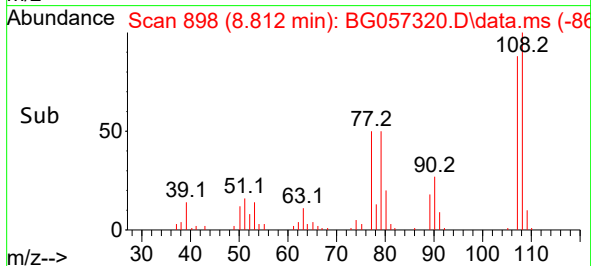
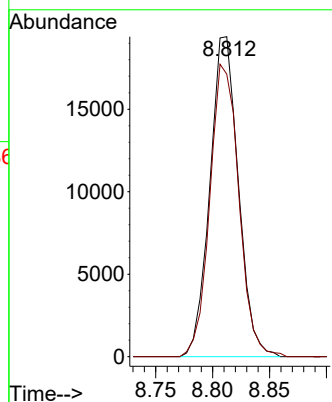
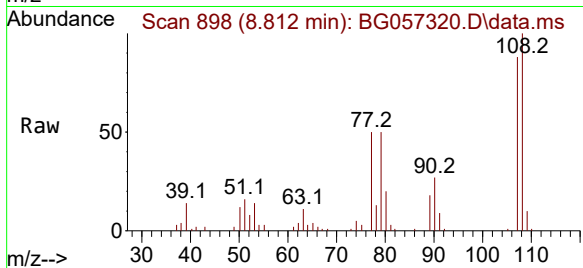
SLCS528

Tgt Ion:108 Resp: 33804

Ion Ratio Lower Upper

108 100

107 88.3 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.140 ng/ul

RT: 8.895 min Scan# 912

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

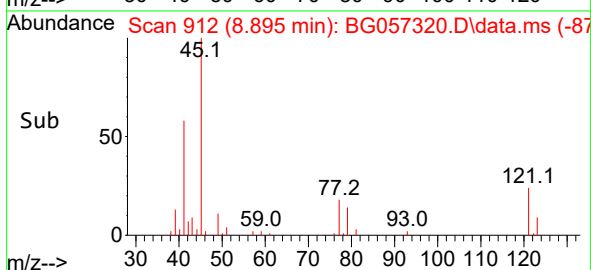
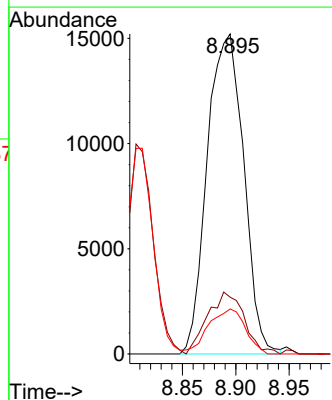
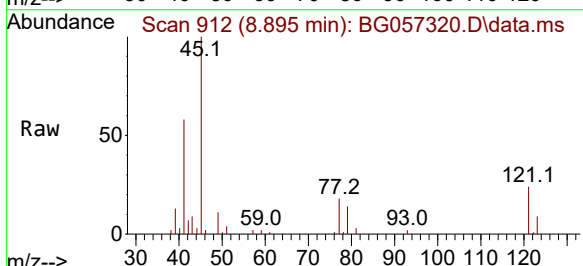
Tgt Ion: 45 Resp: 36188

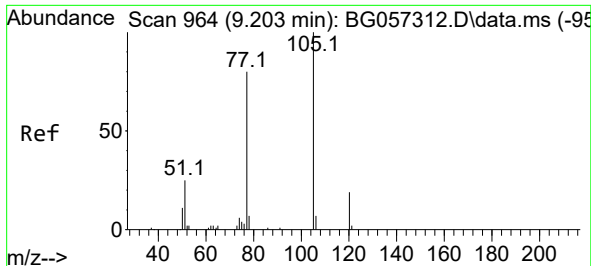
Ion Ratio Lower Upper

45 100

77 17.7 12.9 19.3

79 14.0 8.9 13.3#

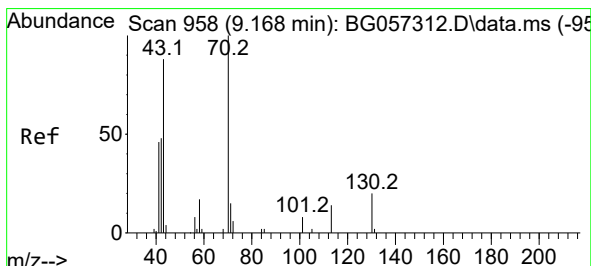
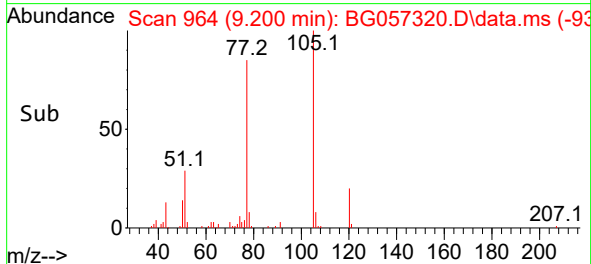
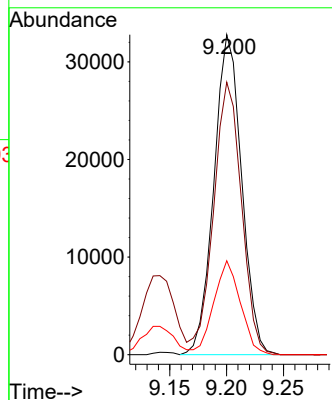
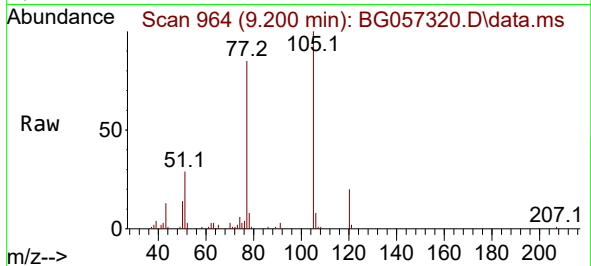




#16
Acetophenone
Concen: 24.206 ng/ul
RT: 9.200 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

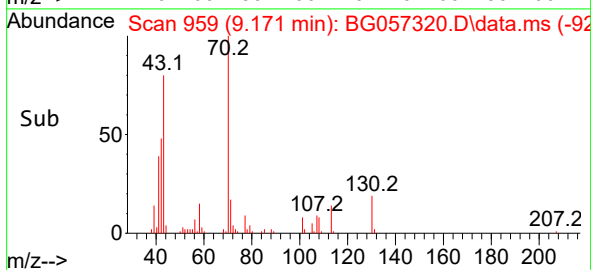
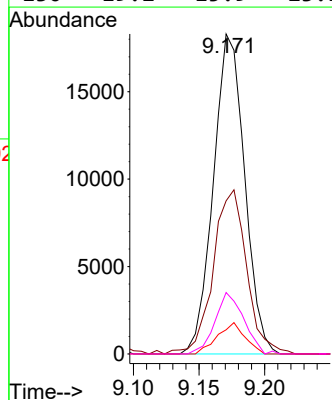
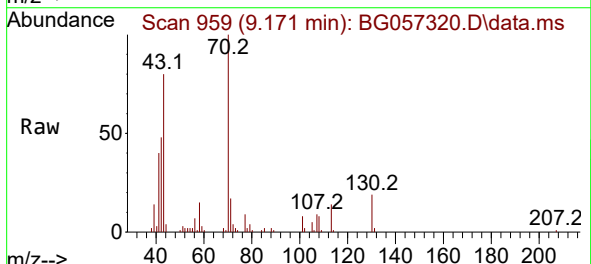
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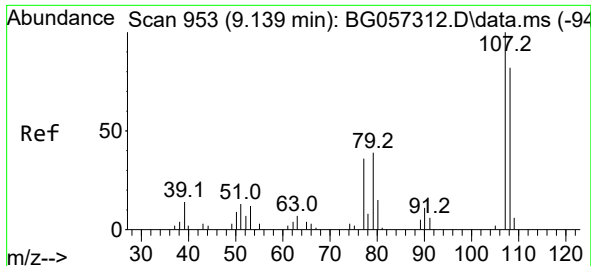
Tgt Ion:105 Resp: 55718
Ion Ratio Lower Upper
105 100
77 85.2 70.6 105.8
51 29.3 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 22.900 ng/ul
RT: 9.171 min Scan# 959
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion: 70 Resp: 30291
Ion Ratio Lower Upper
70 100
42 47.9 45.0 67.4
101 7.5 6.5 9.7
130 19.2 15.9 23.9

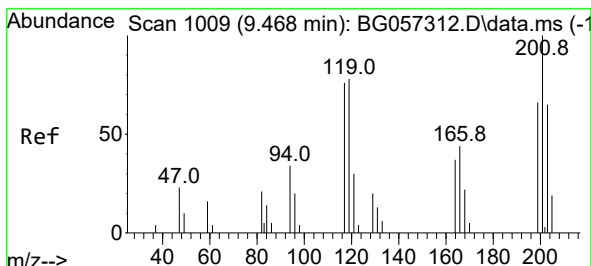
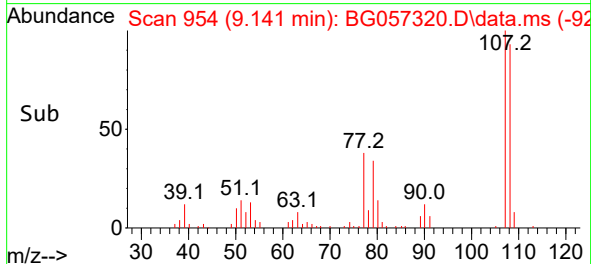
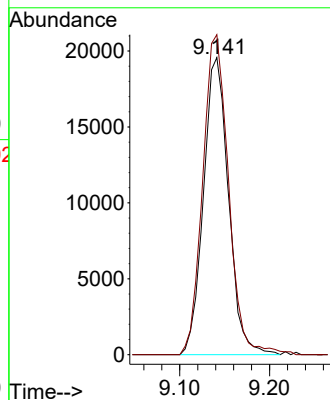
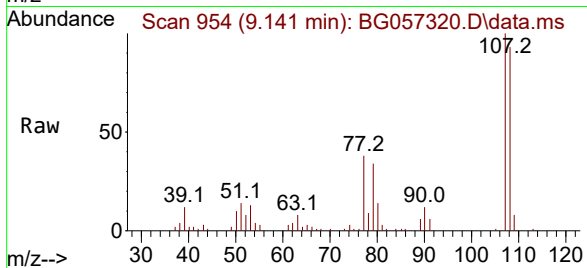




#18
4-Methylphenol
Concen: 25.508 ng/ul
RT: 9.141 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

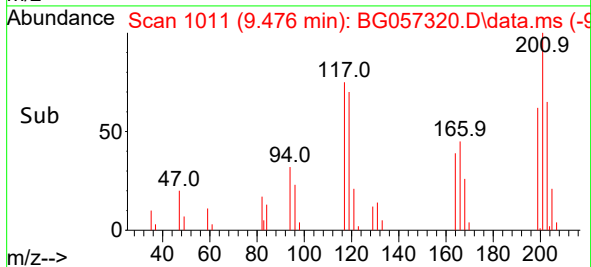
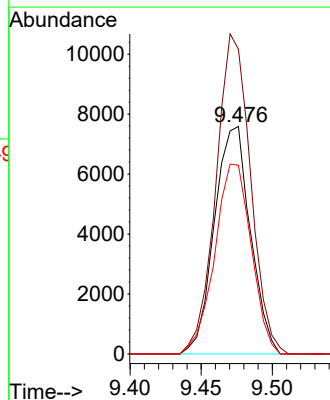
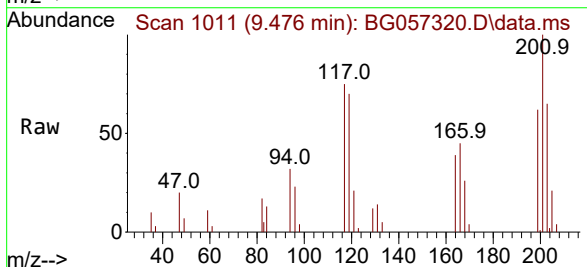
Instrument :
BNA_G
ClientSampleId :
SLCS528

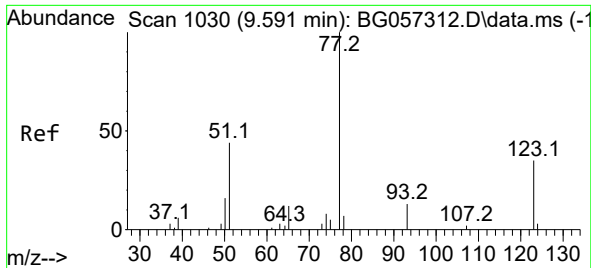
Tgt Ion:108 Resp: 37959
Ion Ratio Lower Upper
108 100
107 107.7 85.1 127.7



#19
Hexachloroethane
Concen: 26.171 ng/ul
RT: 9.476 min Scan# 1011
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:117 Resp: 13340
Ion Ratio Lower Upper
117 100
201 134.0 109.4 164.2
199 83.0 65.4 98.2

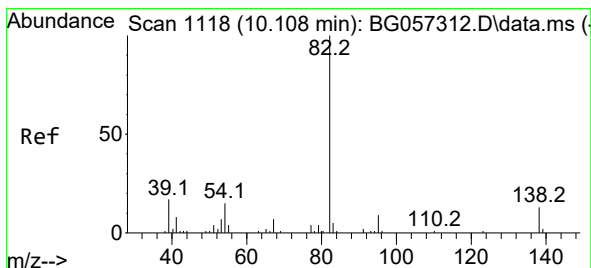
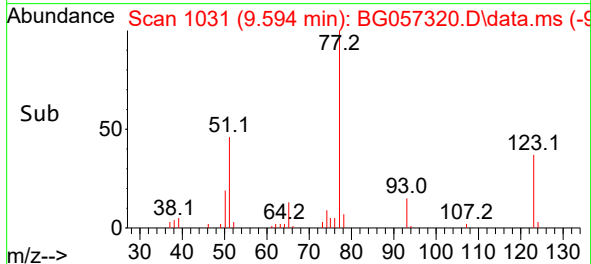
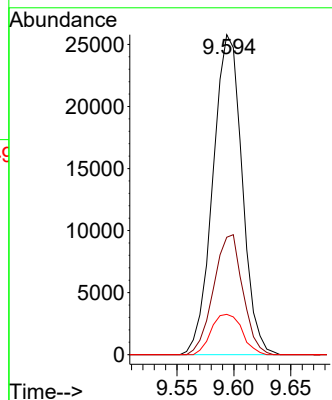
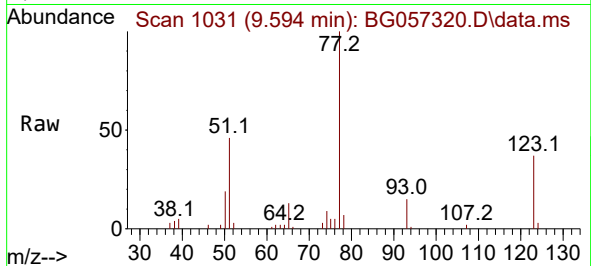




#22
Nitrobenzene
Concen: 23.482 ng/ul
RT: 9.594 min Scan# 1109
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

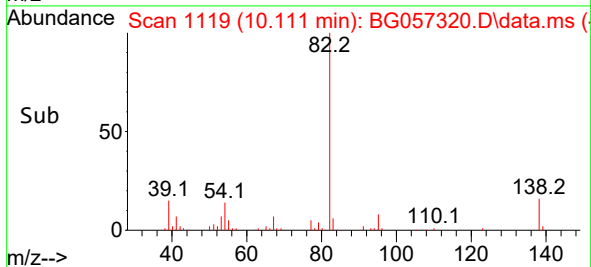
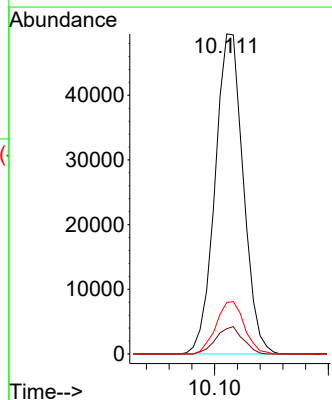
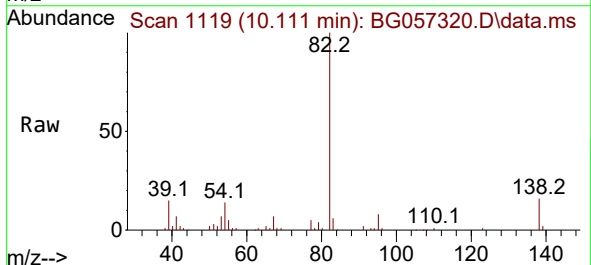
Instrument :
BNA_G
ClientSampleId :
SLCS528

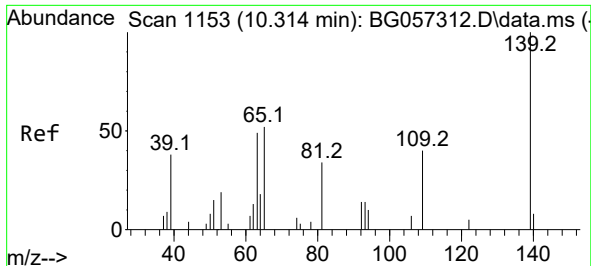
Tgt Ion: 77 Resp: 46120
Ion Ratio Lower Upper
77 100
123 36.7 29.6 44.4
65 12.6 11.4 17.0



#23
Isophorone
Concen: 22.818 ng/ul
RT: 10.111 min Scan# 1119
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion: 82 Resp: 85268
Ion Ratio Lower Upper
82 100
95 7.9 6.8 10.2
138 16.1 12.2 18.2

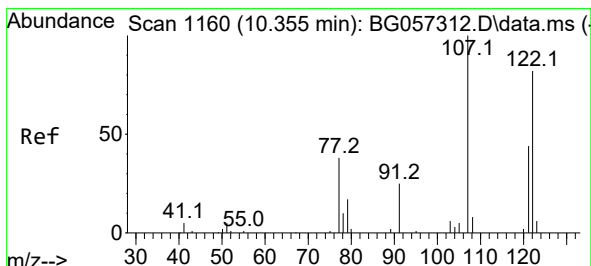
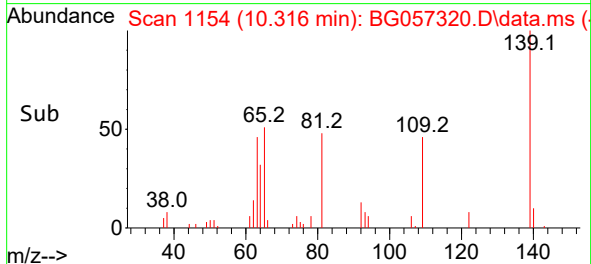
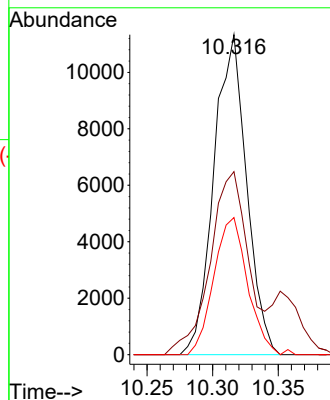
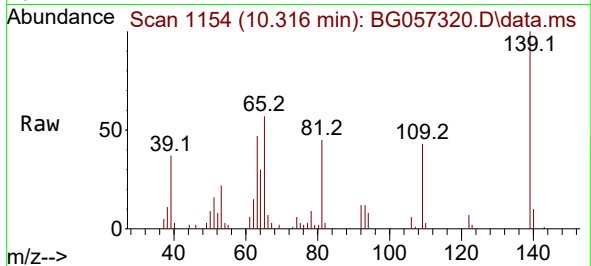




#25
2-Nitrophenol
Concen: 25.225 ng/ul
RT: 10.316 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

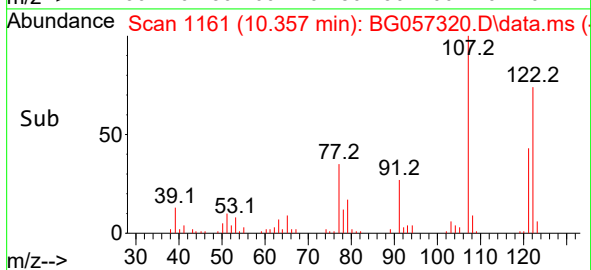
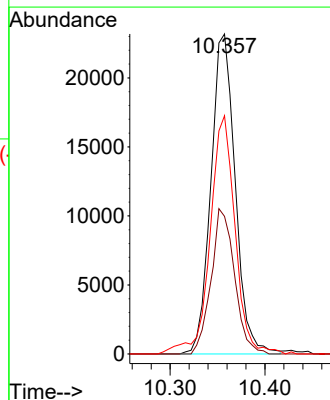
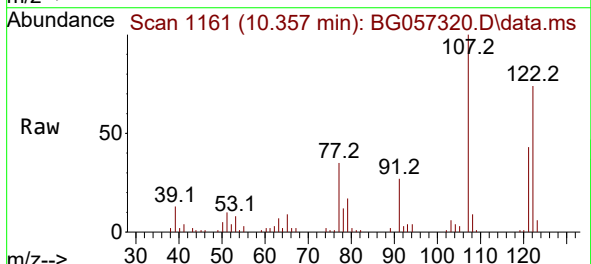
Instrument :
BNA_G
ClientSampleId :
SLCS528

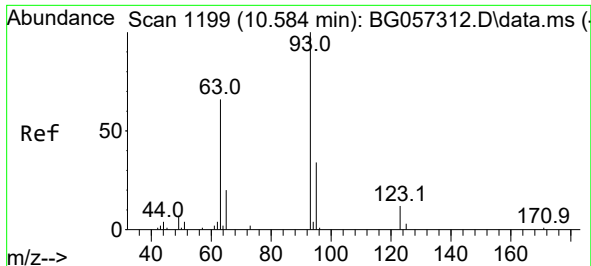
Tgt Ion:139 Resp: 19667
Ion Ratio Lower Upper
139 100
65 57.2 48.7 73.1
109 42.9 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 23.387 ng/ul
RT: 10.357 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:107 Resp: 41364
Ion Ratio Lower Upper
107 100
121 43.0 35.4 53.0
122 74.4 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 22.717 ng/ul

RT: 10.586 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

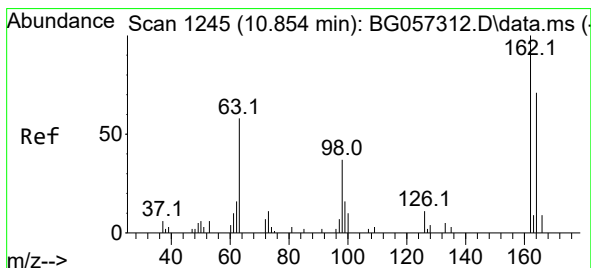
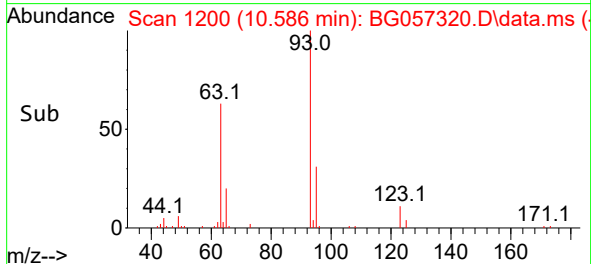
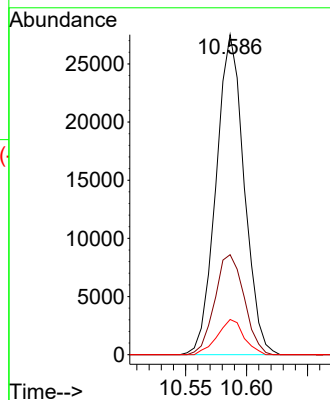
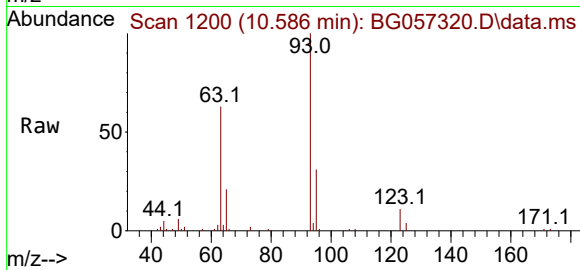
Tgt Ion: 93 Resp: 44127

Ion Ratio Lower Upper

93 100

95 31.3 24.8 37.2

123 11.0 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 26.800 ng/ul

RT: 10.857 min Scan# 1246

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

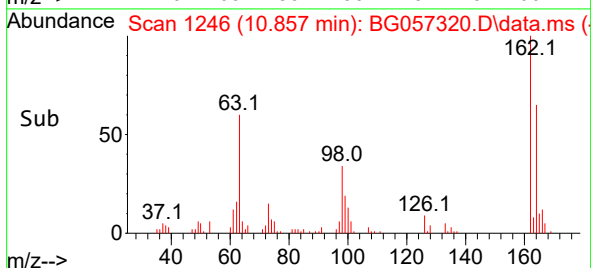
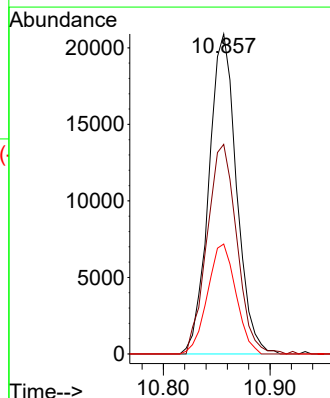
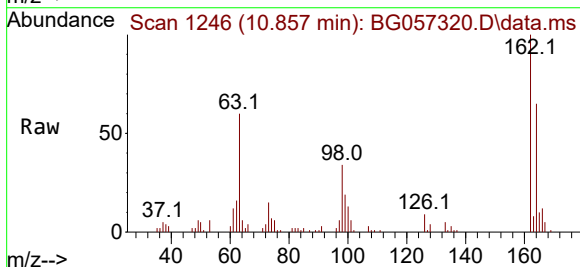
Tgt Ion:162 Resp: 37778

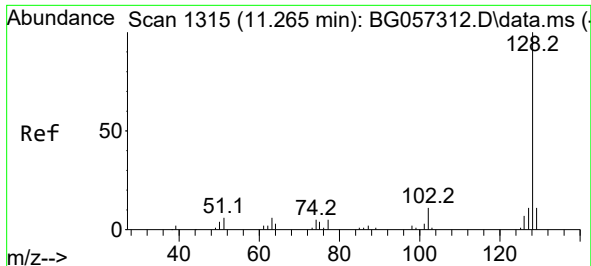
Ion Ratio Lower Upper

162 100

164 65.5 50.5 75.7

98 34.4 27.5 41.3

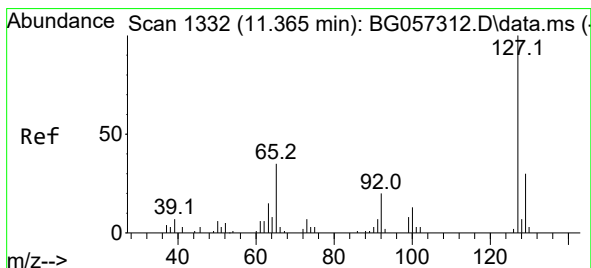
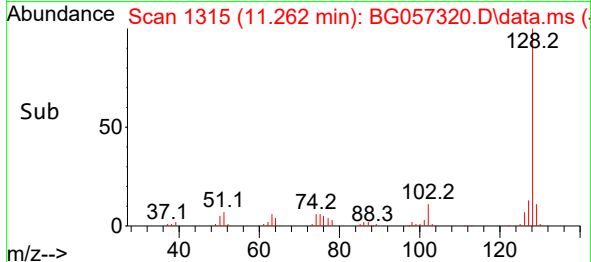
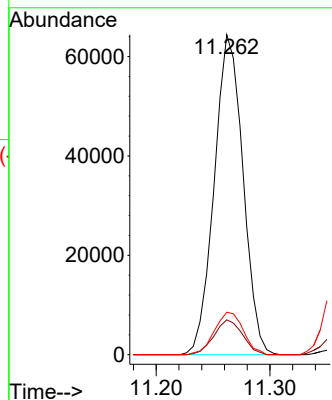
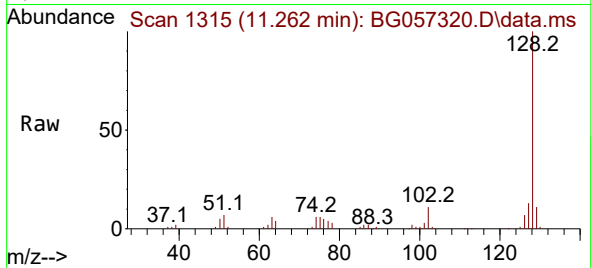




#30
Naphthalene
Concen: 24.883 ng/ul
RT: 11.262 min Scan# 113154
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

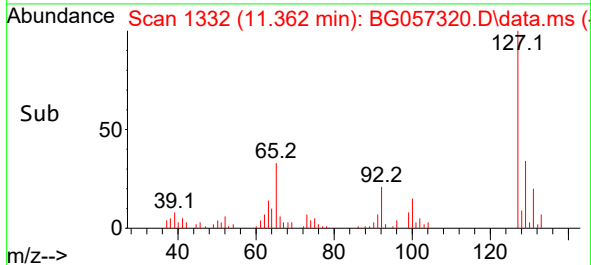
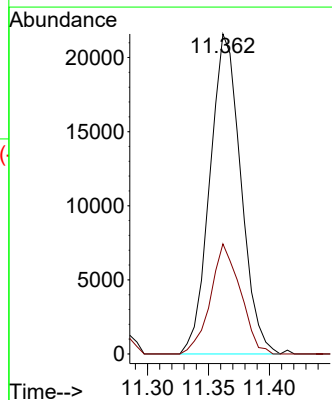
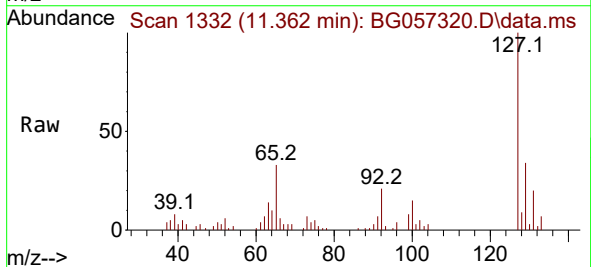
Instrument :
BNA_G
ClientSampleId :
SLCS528

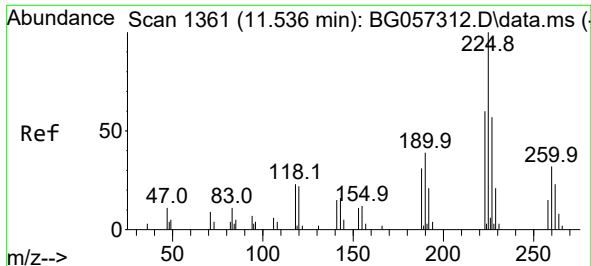
Tgt Ion:128 Resp: 113154
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 11.4 17.0



#32
4-Chloroaniline
Concen: 18.626 ng/ul
RT: 11.362 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:127 Resp: 38199
Ion Ratio Lower Upper
127 100
129 34.4 25.4 38.0

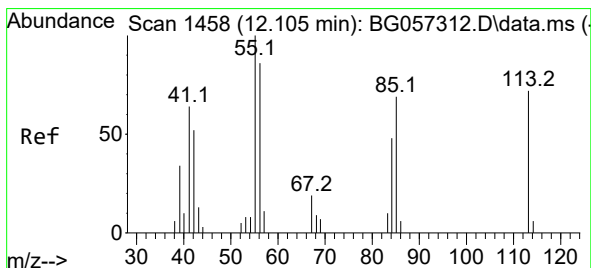
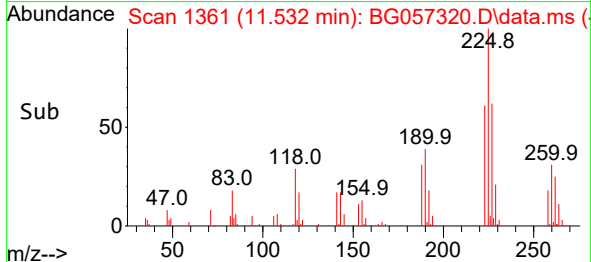
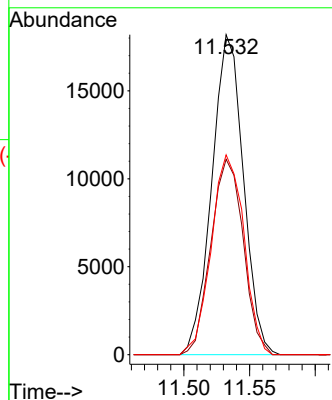
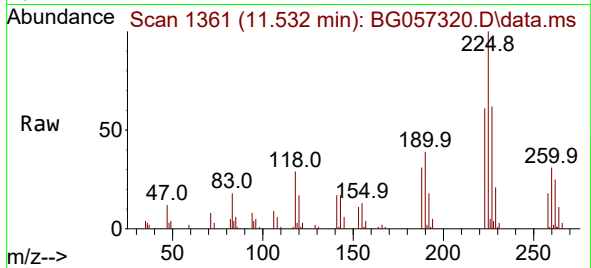




#33
Hexachlorobutadiene
Concen: 25.445 ng/ul
RT: 11.532 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

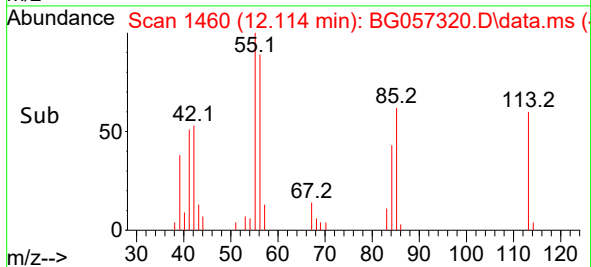
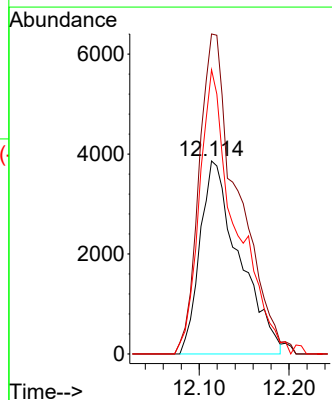
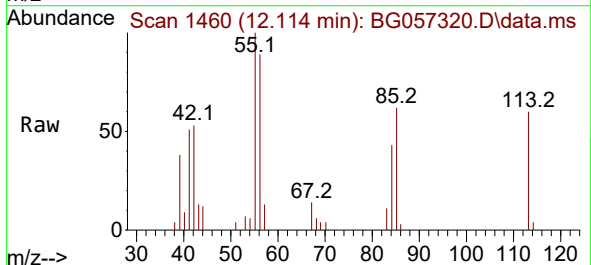
Instrument :
BNA_G
ClientSampleId :
SLCS528

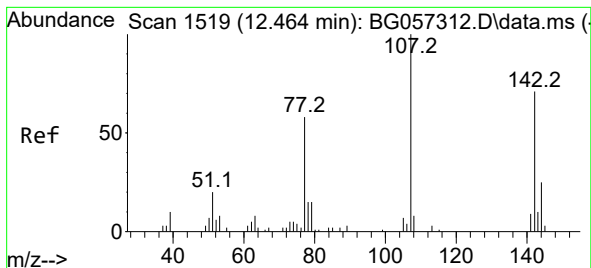
Tgt Ion:225 Resp: 30422
Ion Ratio Lower Upper
225 100
223 61.1 47.5 71.3
227 62.4 48.4 72.6



#34
Caprolactam
Concen: 24.645 ng/ul
RT: 12.114 min Scan# 1460
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:113 Resp: 11695
Ion Ratio Lower Upper
113 100
55 165.9 123.1 184.7
56 147.3 98.7 148.1

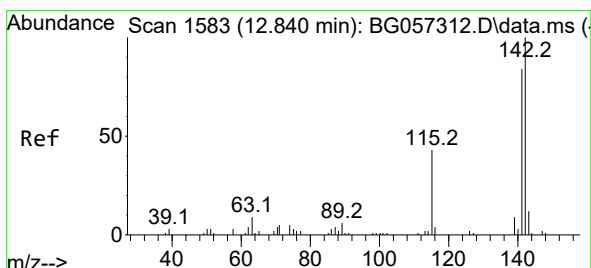
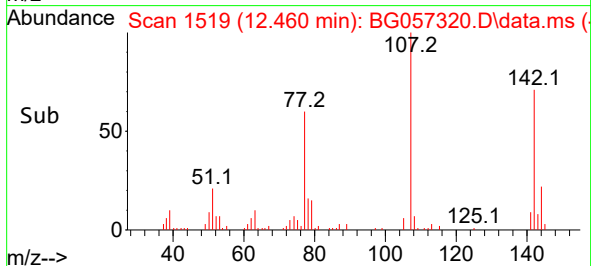
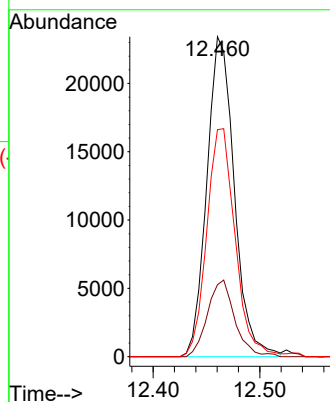
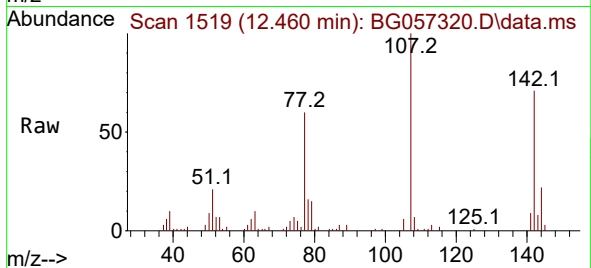




#35
4-Chloro-3-methylphenol
Concen: 25.876 ng/ul
RT: 12.460 min Scan# 1519
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

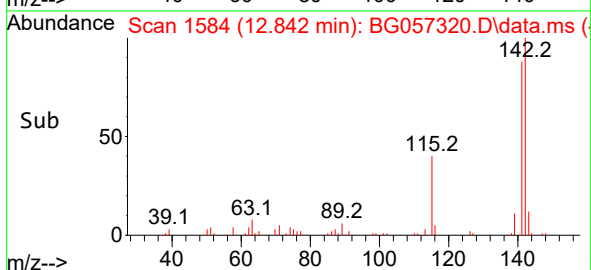
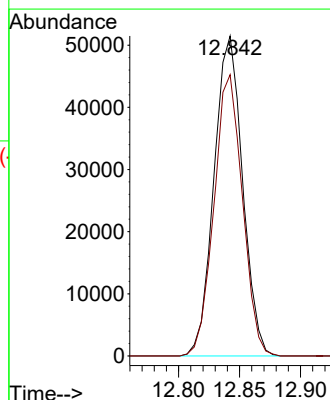
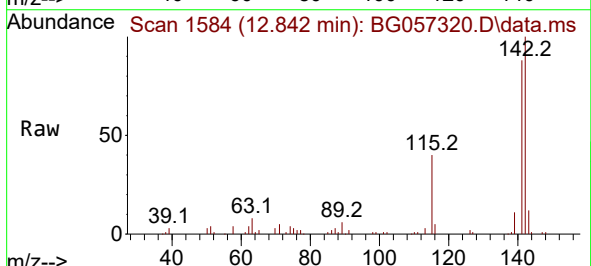
Instrument :
BNA_G
ClientSampleId :
SLCS528

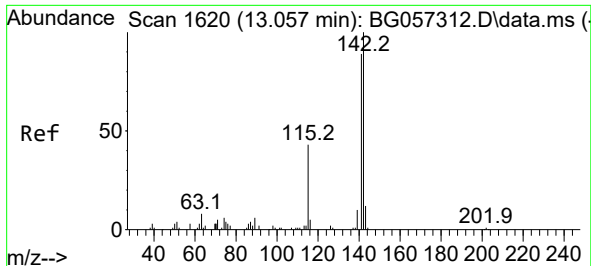
Tgt Ion:107 Resp: 41968
Ion Ratio Lower Upper
107 100
144 22.5 18.3 27.5
142 70.9 58.6 88.0



#36
2-Methylnaphthalene
Concen: 25.153 ng/ul
RT: 12.842 min Scan# 1584
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:142 Resp: 83883
Ion Ratio Lower Upper
142 100
141 87.9 68.7 103.1





#37

1-Methylnaphthalene

Concen: 25.483 ng/ul

RT: 13.060 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

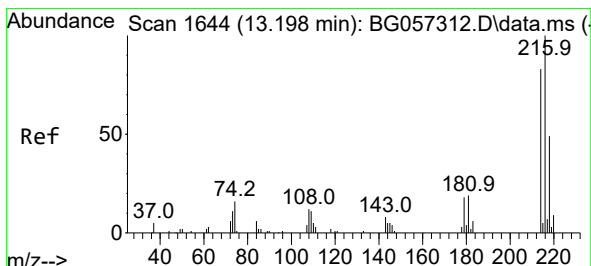
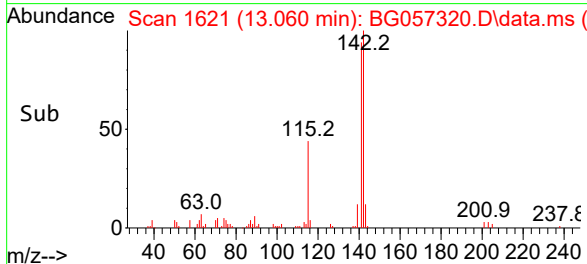
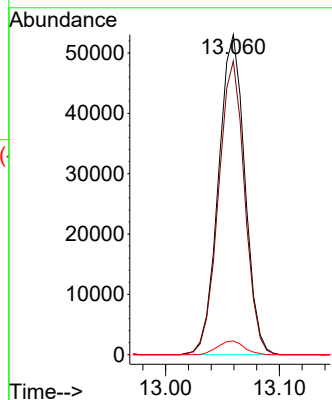
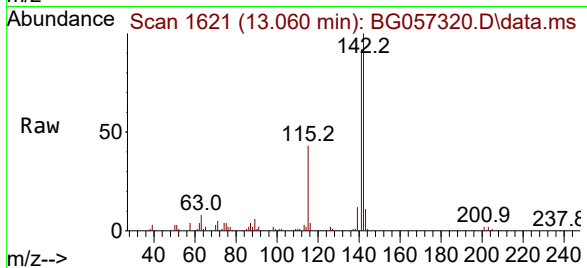
Tgt Ion:142 Resp: 85450

Ion Ratio Lower Upper

142 100

141 91.7 72.9 109.3

116 4.3 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.526 ng/ul

RT: 13.201 min Scan# 1645

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Tgt Ion:216 Resp: 61851

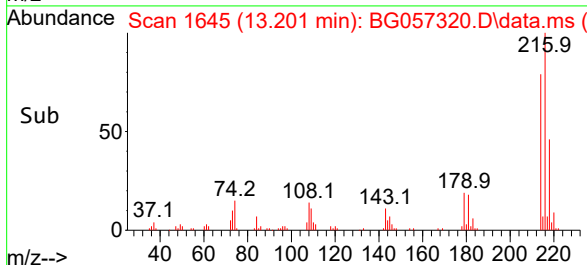
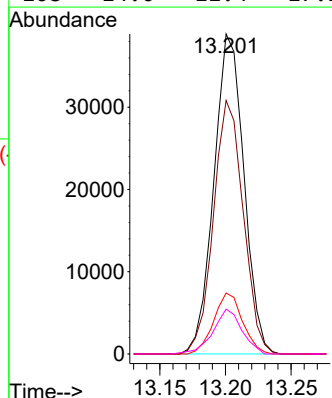
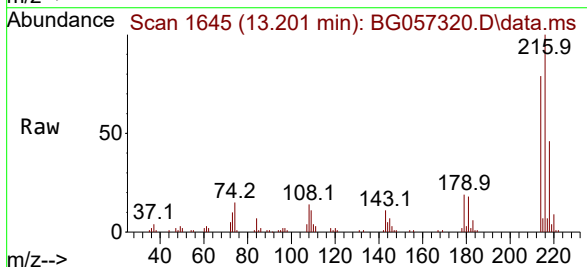
Ion Ratio Lower Upper

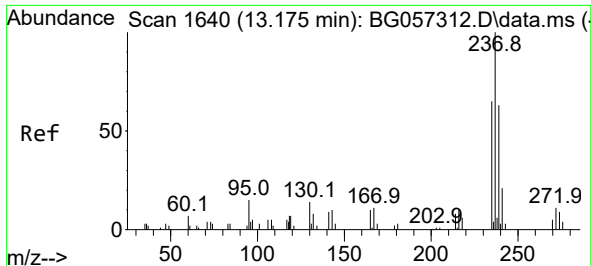
216 100

214 79.2 62.9 94.3

179 19.1 15.3 22.9

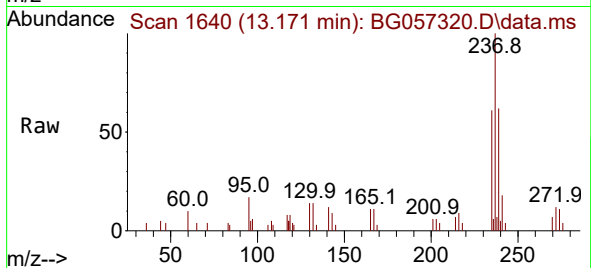
108 14.0 11.4 17.2



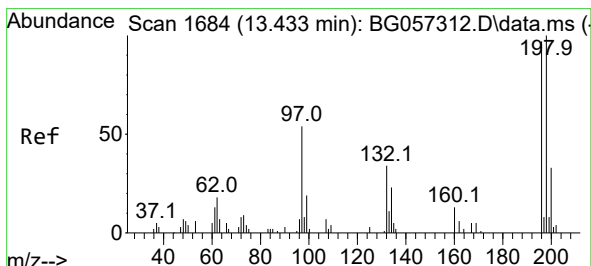
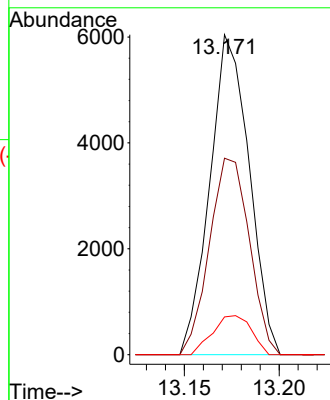
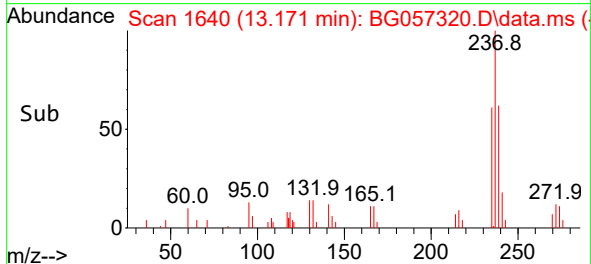


#40
Hexachlorocyclopentadiene
Concen: 7.485 ng/ul
RT: 13.171 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

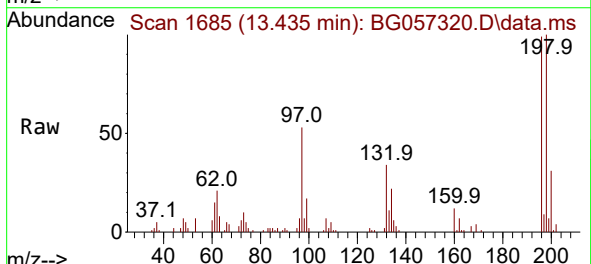
Instrument :
BNA_G
ClientSampleId :
SLCS528



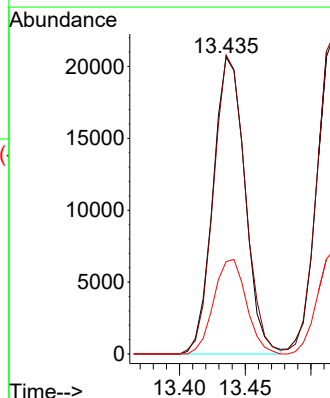
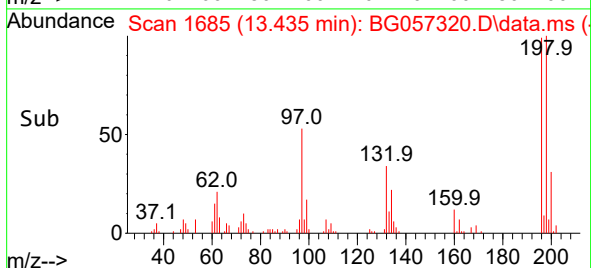
Tgt Ion:237 Resp: 8710
Ion Ratio Lower Upper
237 100
235 61.4 51.4 77.0
272 11.8 9.4 14.2

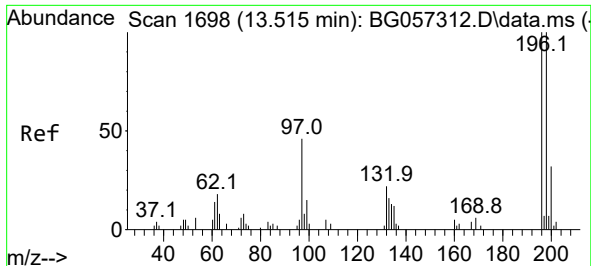


#41
2,4,6-Trichlorophenol
Concen: 25.643 ng/ul
RT: 13.435 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32



Tgt Ion:196 Resp: 34823
Ion Ratio Lower Upper
196 100
198 100.8 83.8 125.8
200 31.1 26.6 40.0

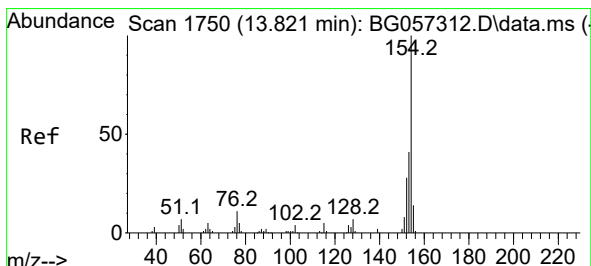
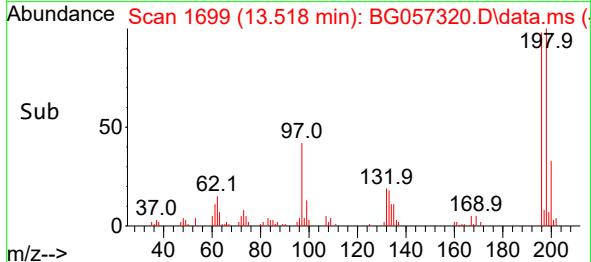
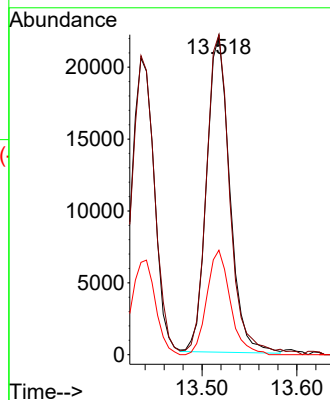
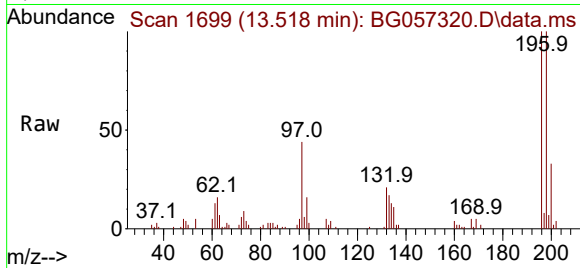




#42
2,4,5-Trichlorophenol
Concen: 25.628 ng/ul
RT: 13.518 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

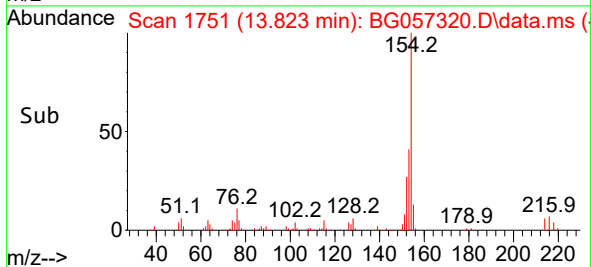
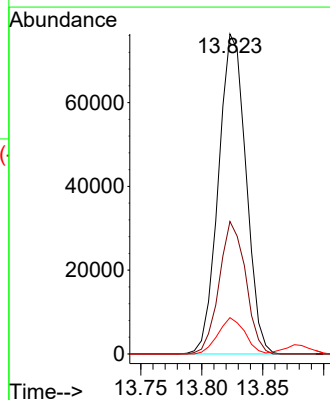
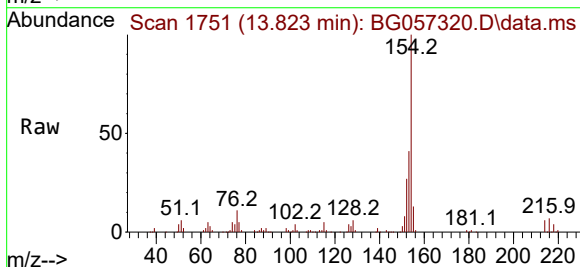
Instrument :
BNA_G
ClientSampleId :
SLCS528

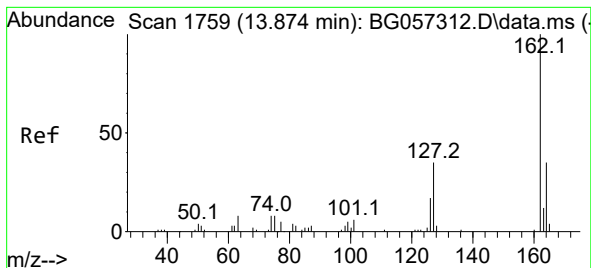
Tgt Ion:196 Resp: 37365
Ion Ratio Lower Upper
196 100
198 100.2 85.7 128.5
200 32.7 29.9 44.9



#43
1,1'-Biphenyl
Concen: 24.507 ng/ul
RT: 13.823 min Scan# 1751
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:154 Resp: 119981
Ion Ratio Lower Upper
154 100
153 41.4 31.6 47.4
76 11.3 8.0 12.0





#44

2-Chloronaphthalene

Concen: 25.408 ng/ul

RT: 13.882 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

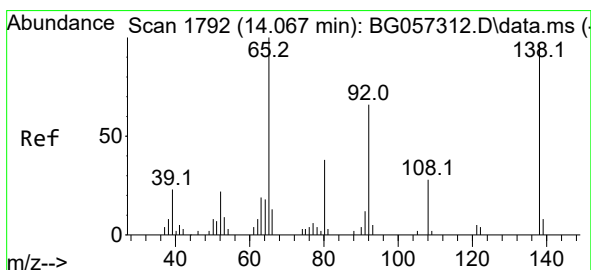
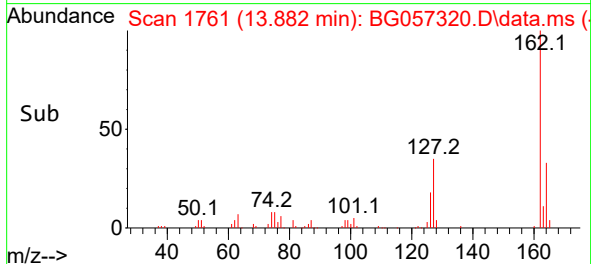
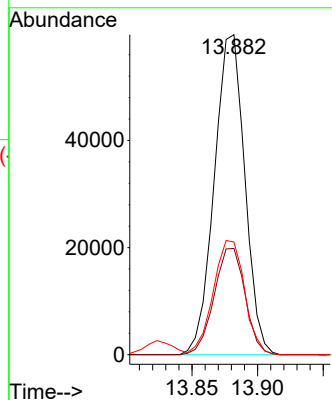
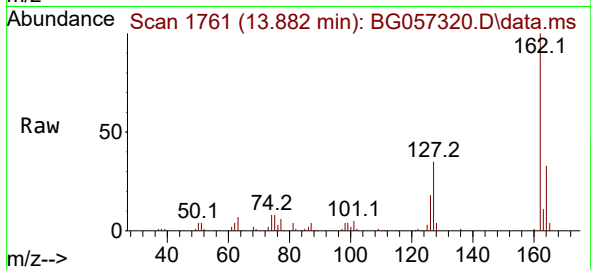
Tgt Ion:162 Resp: 96450

Ion Ratio Lower Upper

162 100

164 33.2 26.2 39.4

127 35.2 29.4 44.2



#45

2-Nitroaniline

Concen: 24.477 ng/ul

RT: 14.076 min Scan# 1794

Delta R.T. 0.008 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

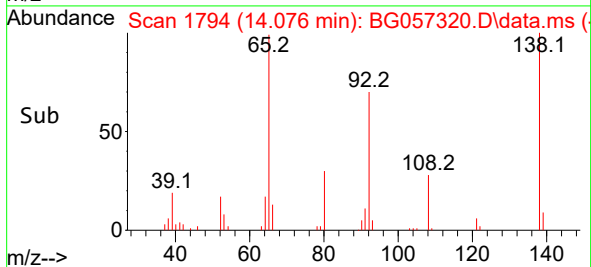
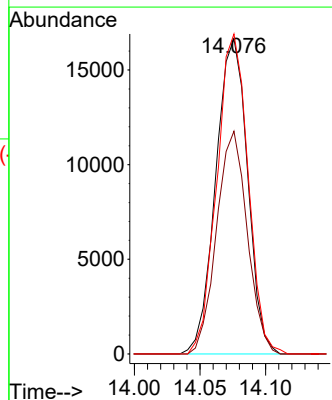
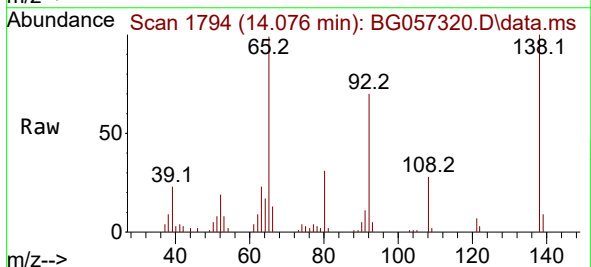
Tgt Ion: 65 Resp: 28050

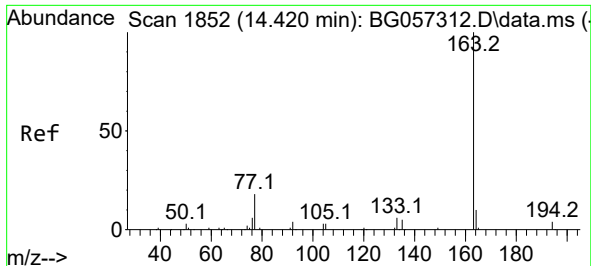
Ion Ratio Lower Upper

65 100

92 70.6 51.8 77.6

138 101.5 71.9 107.9

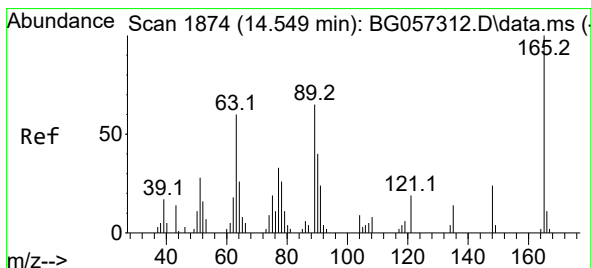
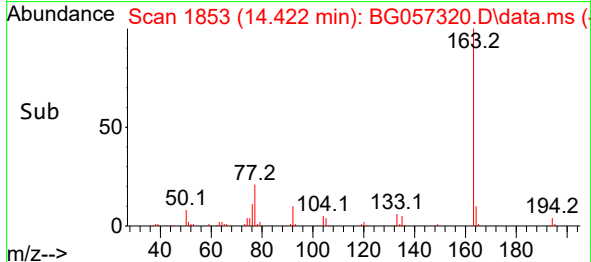
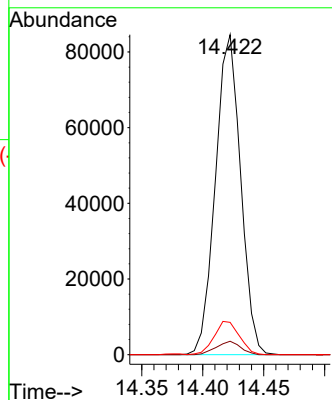
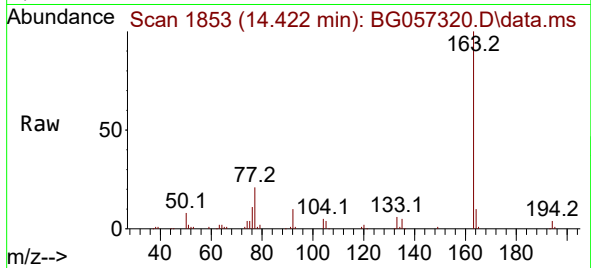




#47
Dimethylphthalate
Concen: 23.800 ng/ul
RT: 14.422 min Scan# 1853
Delta R.T. 0.003 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

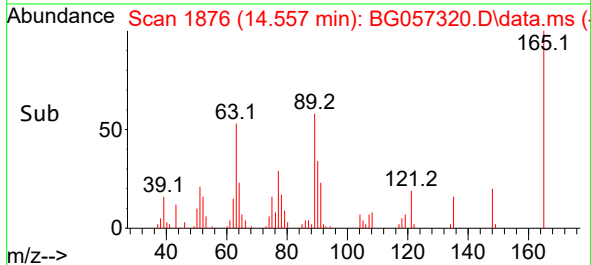
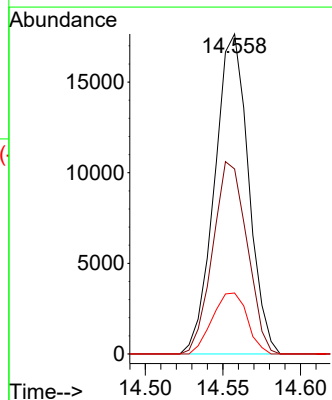
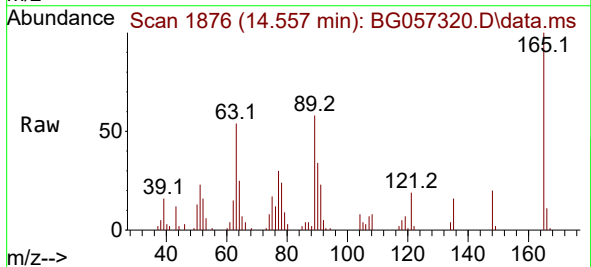
Instrument :
BNA_G
ClientSampleId :
SLCS528

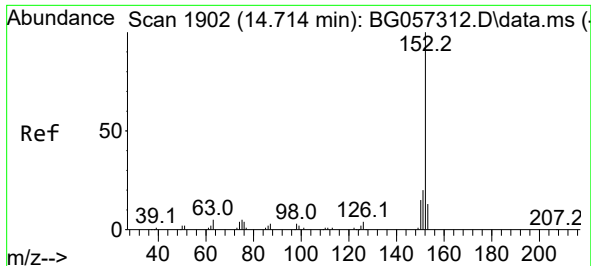
Tgt Ion:163 Resp: 121513
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 25.546 ng/ul
RT: 14.557 min Scan# 1876
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:165 Resp: 26841
Ion Ratio Lower Upper
165 100
89 57.8 50.6 76.0
121 19.0 16.8 25.2

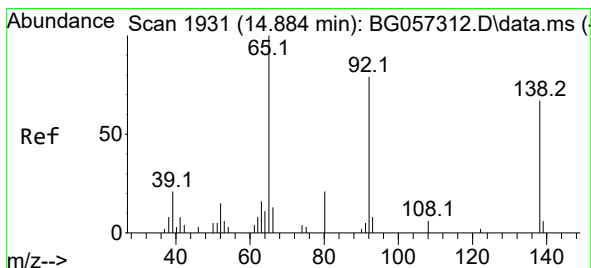
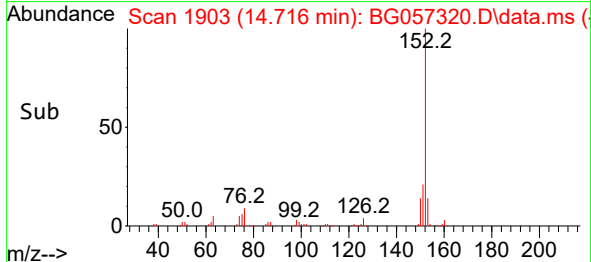
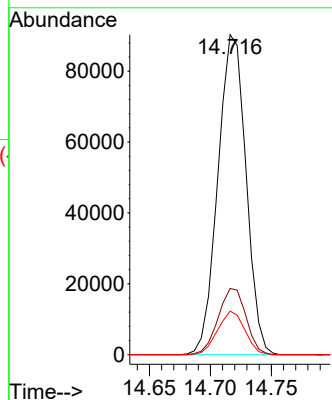
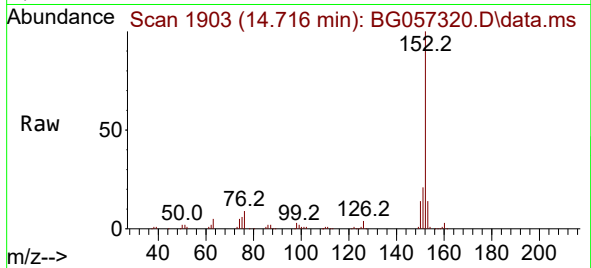




#50
Acenaphthylene
Concen: 24.963 ng/ul
RT: 14.716 min Scan# 1902
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

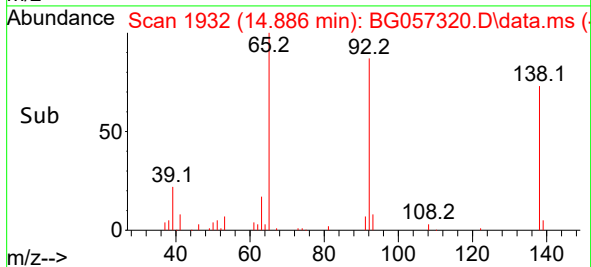
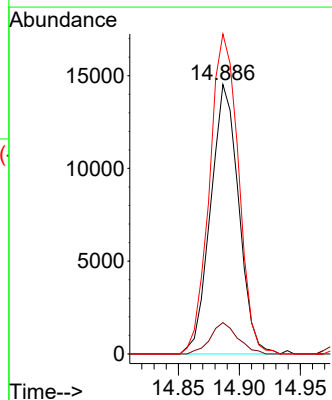
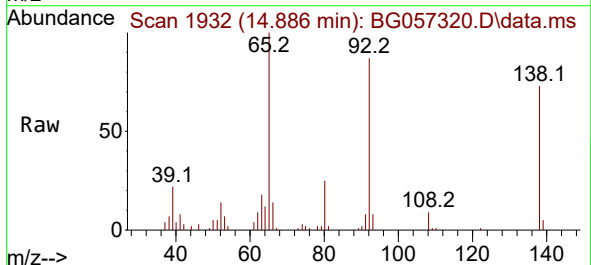
Instrument :
BNA_G
ClientSampleId :
SLCS528

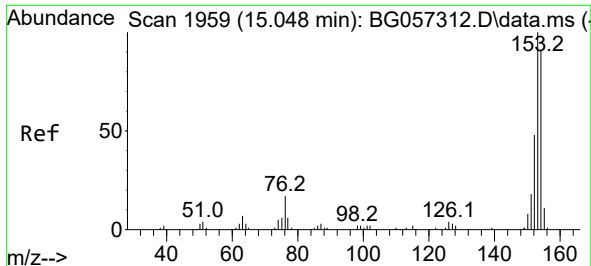
Tgt Ion:152 Resp: 144955
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.6 10.1 15.1



#51
3-Nitroaniline
Concen: 31.235 ng/ul
RT: 14.886 min Scan# 1932
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:138 Resp: 23254
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 118.7 99.5 149.3

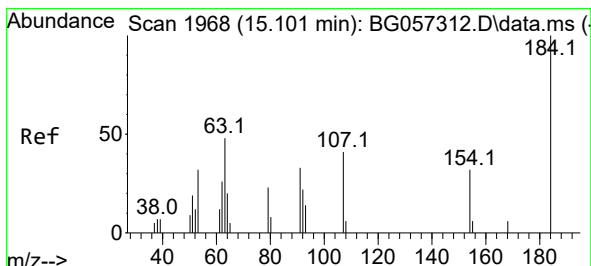
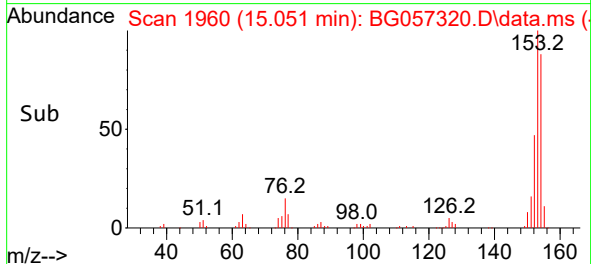
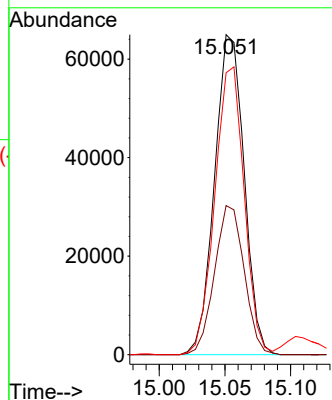
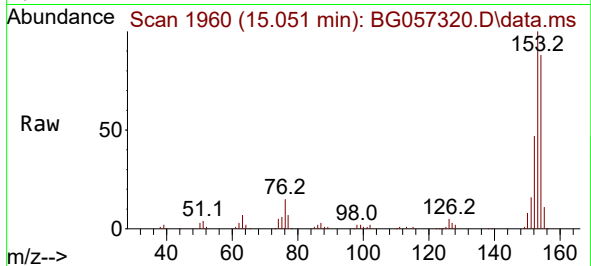




#52
Acenaphthene
Concen: 24.631 ng/ul
RT: 15.051 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

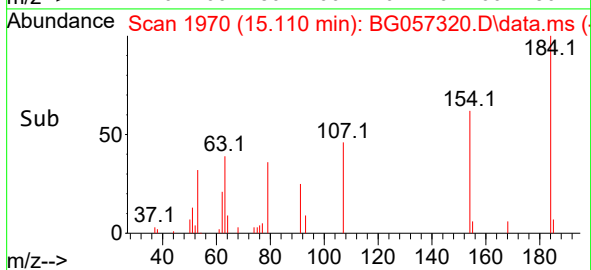
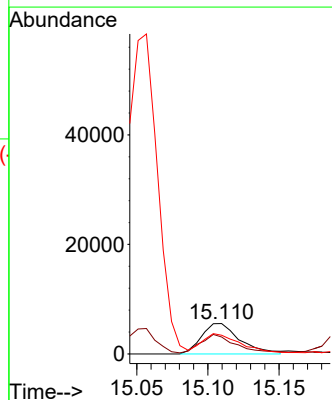
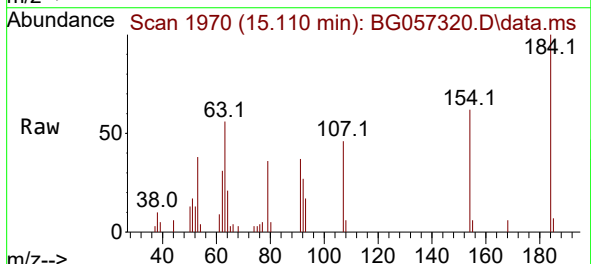
Instrument :
BNA_G
ClientSampleId :
SLCS528

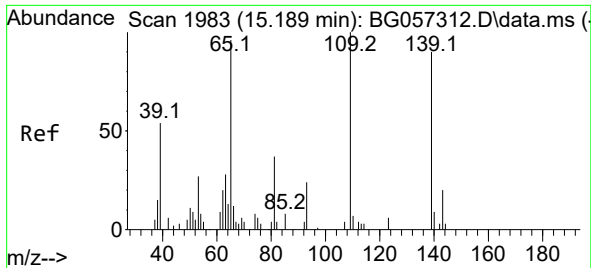
Tgt Ion:153 Resp: 101905
Ion Ratio Lower Upper
153 100
152 46.6 36.5 54.7
154 88.1 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 18.665 ng/ul
RT: 15.110 min Scan# 1970
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:184 Resp: 10444
Ion Ratio Lower Upper
184 100
63 55.8 48.3 72.5
154 61.6 50.0 75.0

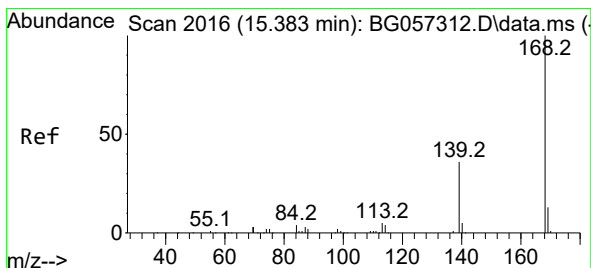
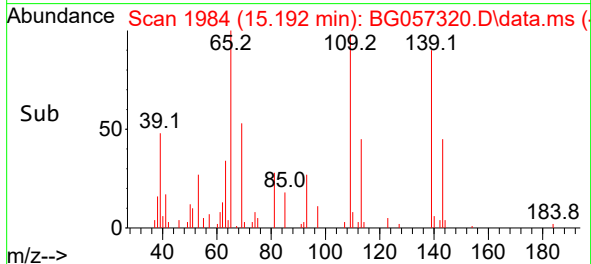
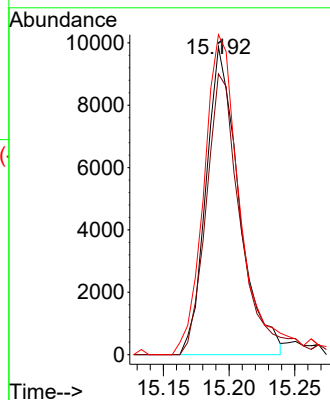
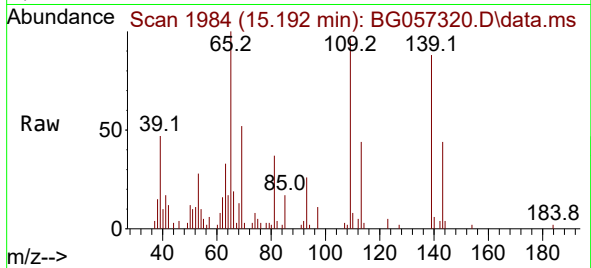




#55
4-Nitrophenol
Concen: 20.556 ng/ul
RT: 15.192 min Scan# 1984
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

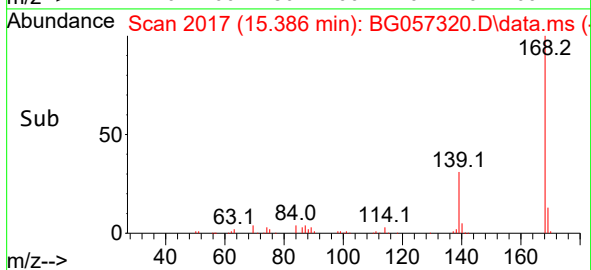
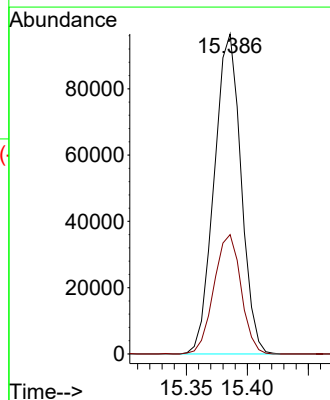
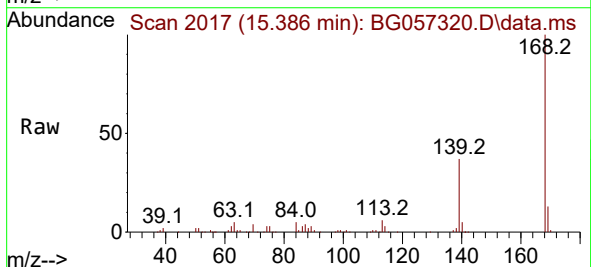
Instrument :
BNA_G
ClientSampleId :
SLCS528

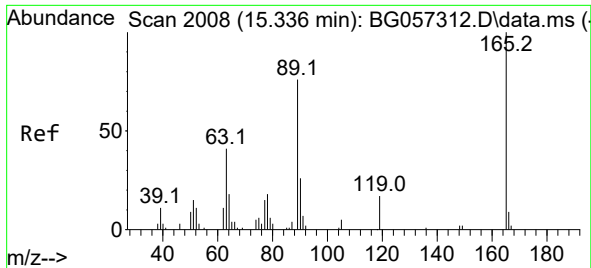
Tgt Ion:109 Resp: 17245
Ion Ratio Lower Upper
109 100
139 91.2 73.8 110.8
65 104.0 81.7 122.5



#56
Dibenzofuran
Concen: 24.744 ng/ul
RT: 15.386 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:168 Resp: 147830
Ion Ratio Lower Upper
168 100
139 37.3 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 24.464 ng/ul

RT: 15.345 min Scan# 2008

Delta R.T. 0.008 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

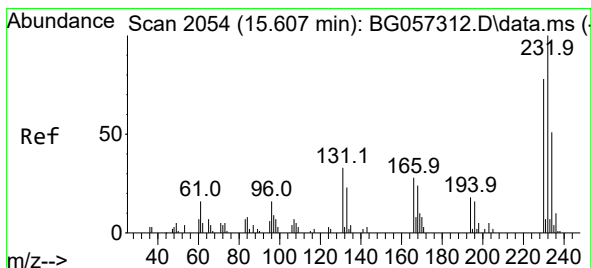
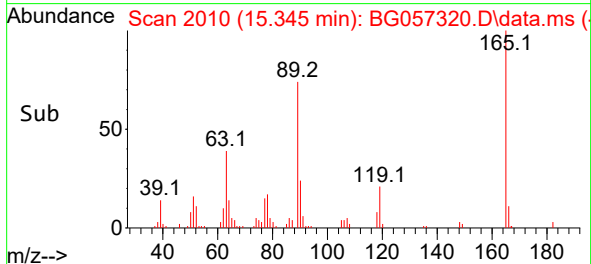
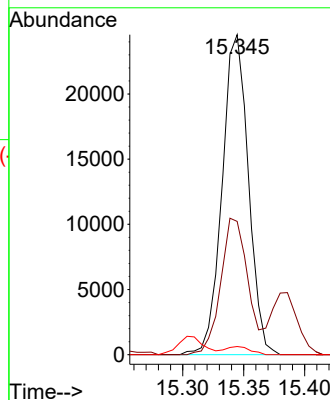
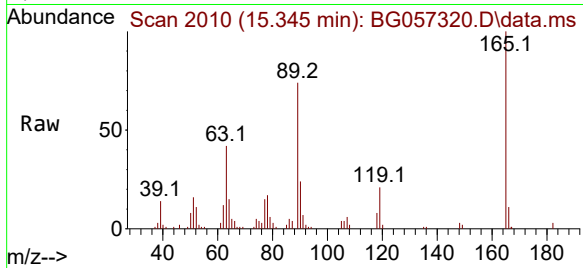
Tgt Ion:165 Resp: 36797

Ion Ratio Lower Upper

165 100

63 41.7 35.9 53.9

182 2.6 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.217 ng/ul

RT: 15.609 min Scan# 2055

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Tgt Ion:232 Resp: 30759

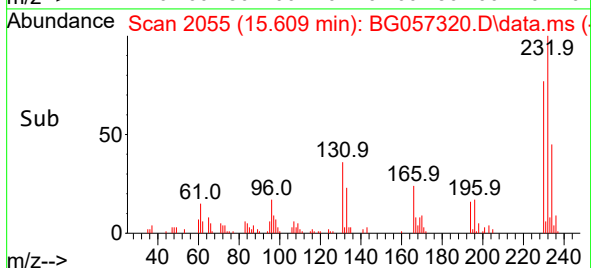
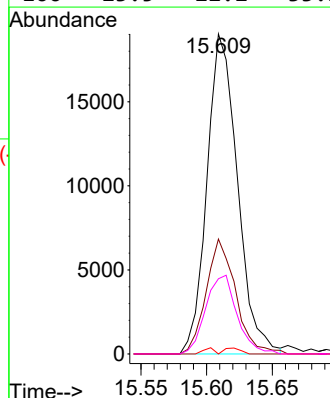
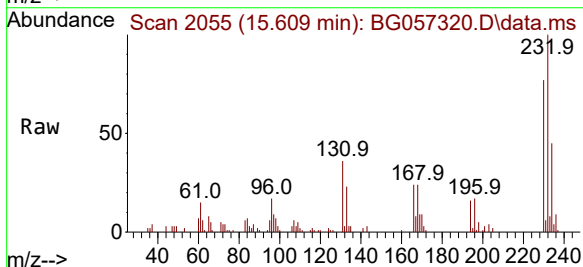
Ion Ratio Lower Upper

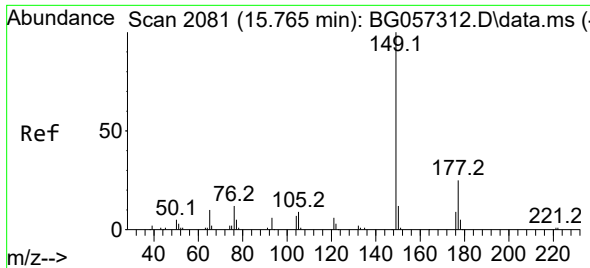
232 100

131 35.9 28.6 43.0

130 0.0 1.8 2.6#

166 23.5 22.2 33.2

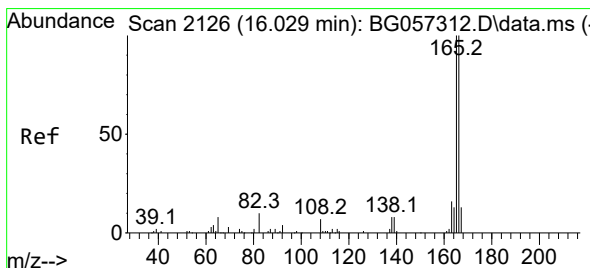
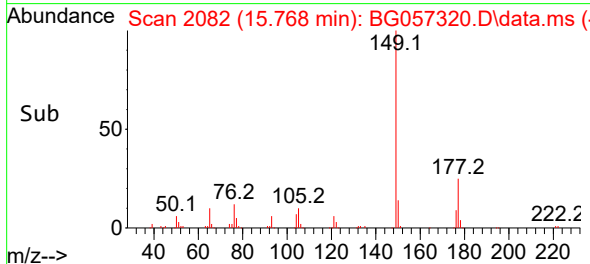
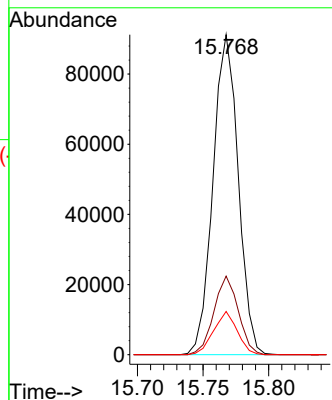
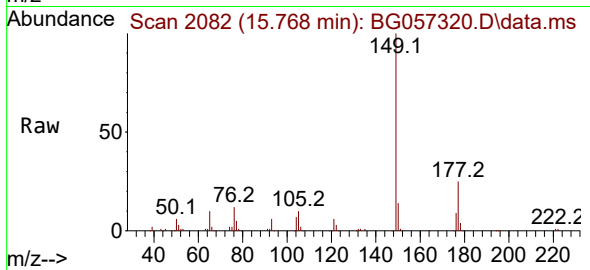




#59
Diethylphthalate
Concen: 23.492 ng/ul
RT: 15.768 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

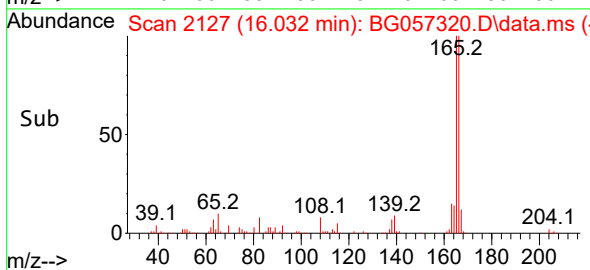
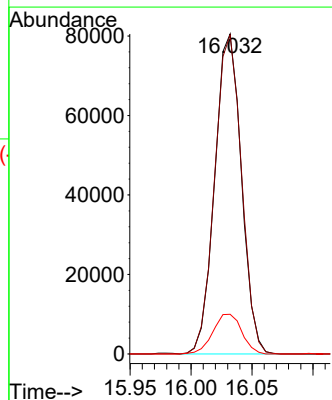
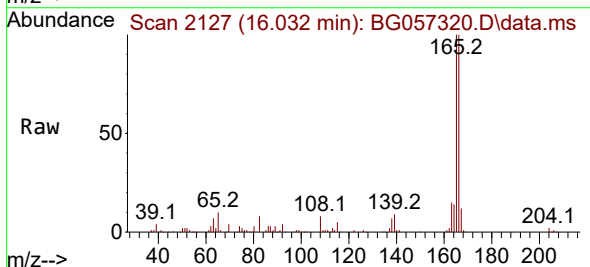
Instrument :
BNA_G
ClientSampleId :
SLCS528

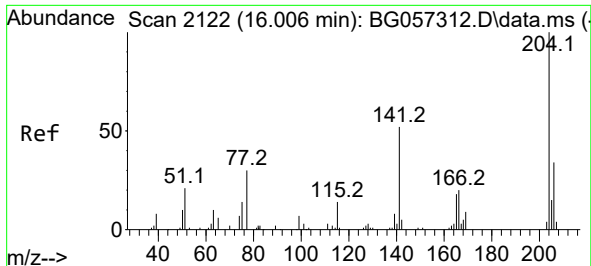
Tgt Ion:149 Resp: 121852
Ion Ratio Lower Upper
149 100
177 24.5 18.6 28.0
150 13.5 9.8 14.8



#61
Fluorene
Concen: 24.193 ng/ul
RT: 16.032 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:166 Resp: 122222
Ion Ratio Lower Upper
166 100
165 99.7 80.1 120.1
167 12.4 10.2 15.4

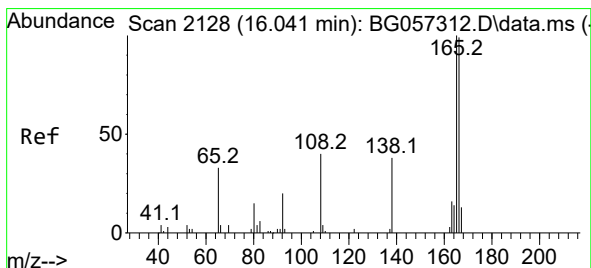
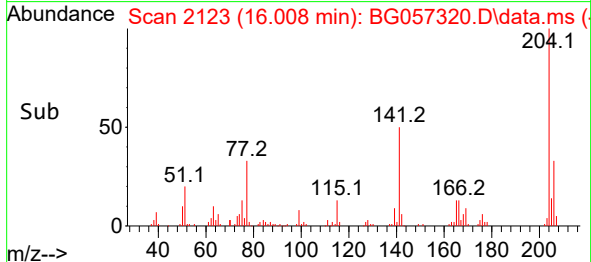
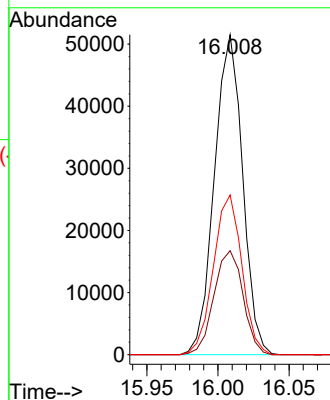
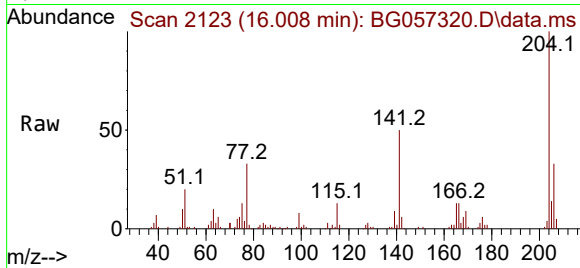




#62
4-Chlorophenyl-phenylether
Concen: 24.083 ng/ul
RT: 16.008 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

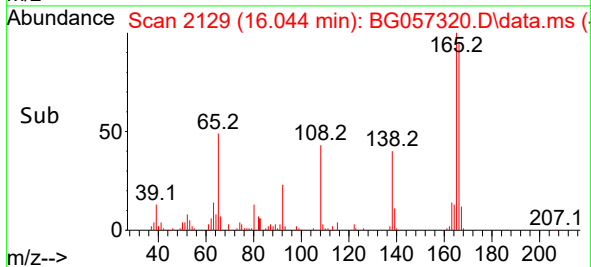
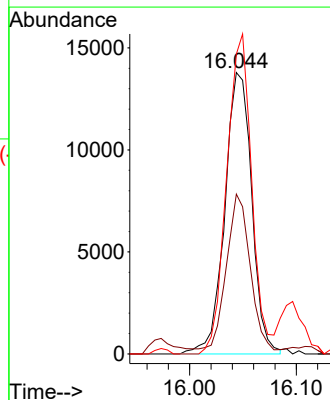
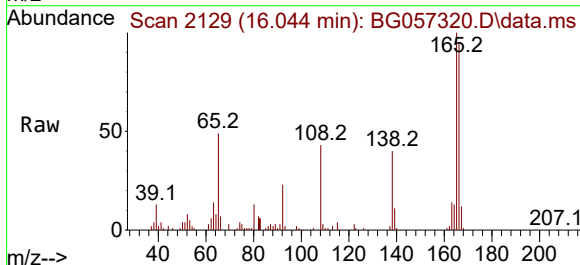
Instrument :
BNA_G
ClientSampleId :
SLCS528

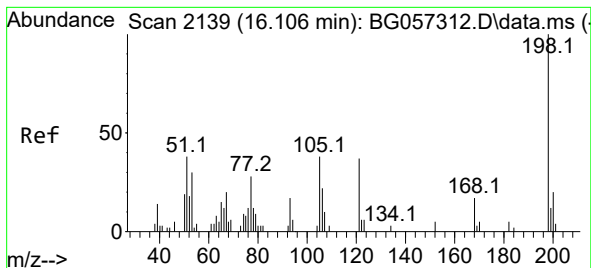
Tgt Ion:204 Resp: 71011
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 49.9 41.5 62.3



#63
4-Nitroaniline
Concen: 34.346 ng/ul
RT: 16.044 min Scan# 2129
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:138 Resp: 24214
Ion Ratio Lower Upper
138 100
92 56.8 39.9 59.9
108 106.5 89.1 133.7

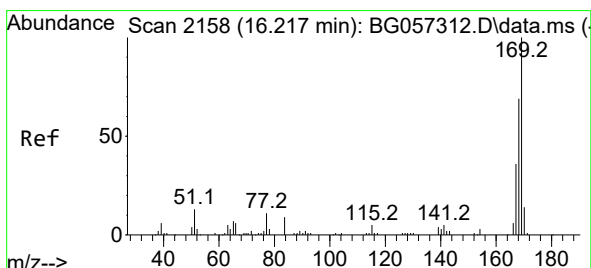
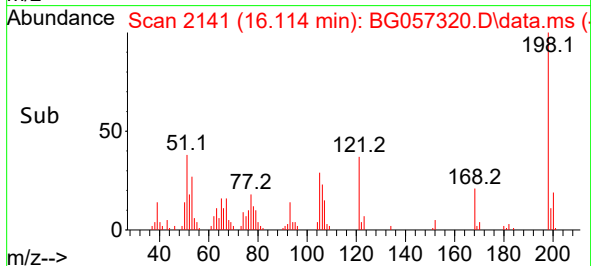
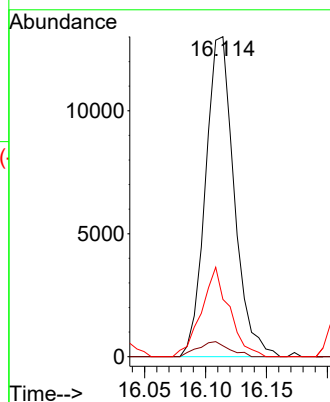
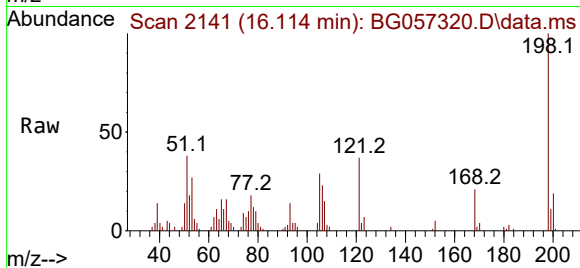




#66
 4,6-Dinitro-2-methylphenol
 Concen: 23.282 ng/ul
 RT: 16.114 min Scan# 2139
 Delta R.T. 0.008 min
 Lab File: BG057320.D
 Acq: 5 May 2023 16:32

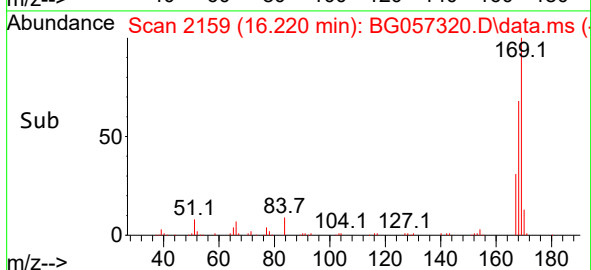
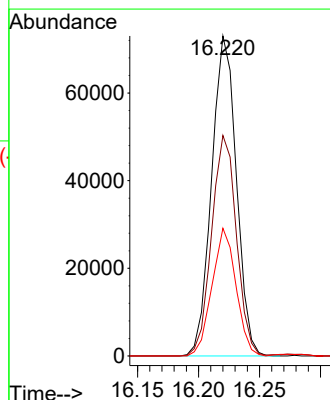
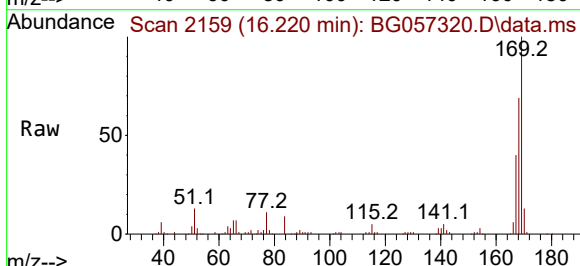
Instrument :
 BNA_G
 ClientSampleId :
 SLCS528

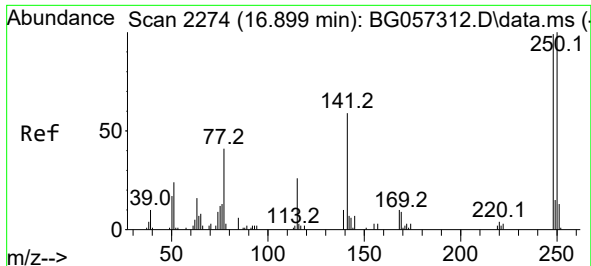
Tgt Ion:198 Resp: 21257
 Ion Ratio Lower Upper
 198 100
 182 3.4 3.0 4.6
 77 17.9 20.1 30.1#



#67
 N-Nitrosodiphenylamine
 Concen: 26.108 ng/ul
 RT: 16.220 min Scan# 2159
 Delta R.T. 0.002 min
 Lab File: BG057320.D
 Acq: 5 May 2023 16:32

Tgt Ion:169 Resp: 103139
 Ion Ratio Lower Upper
 169 100
 168 68.9 55.4 83.2
 167 39.9 31.0 46.4

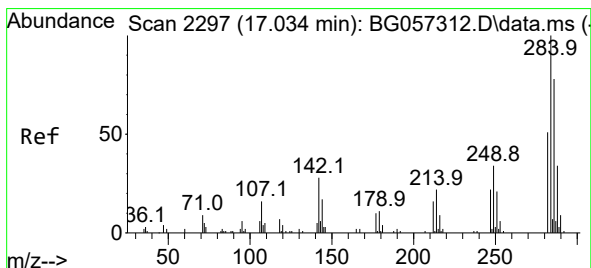
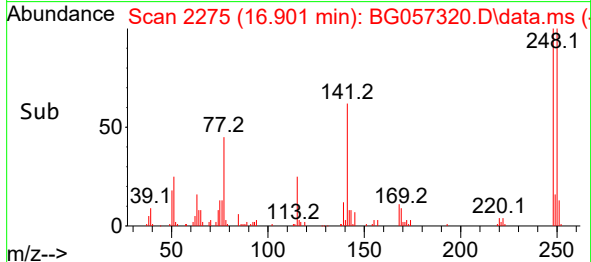
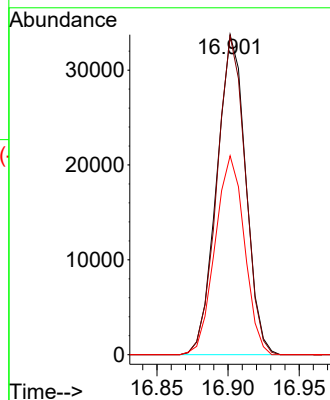
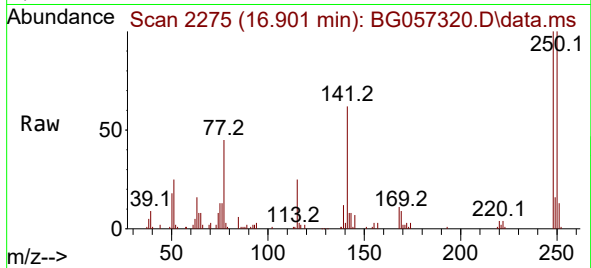




#68
4-Bromophenyl-phenylether
Concen: 26.453 ng/ul
RT: 16.901 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

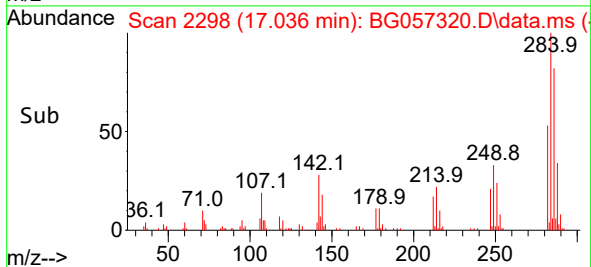
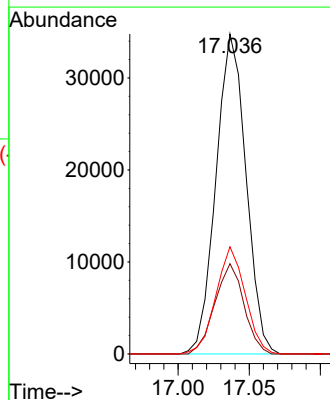
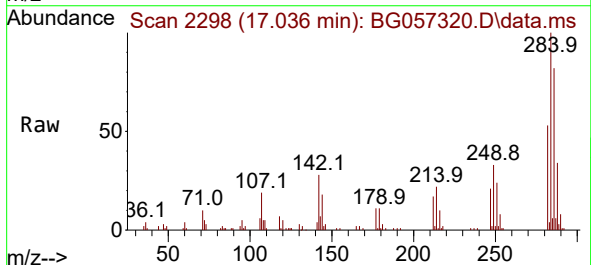
Instrument :
BNA_G
ClientSampleId :
SLCS528

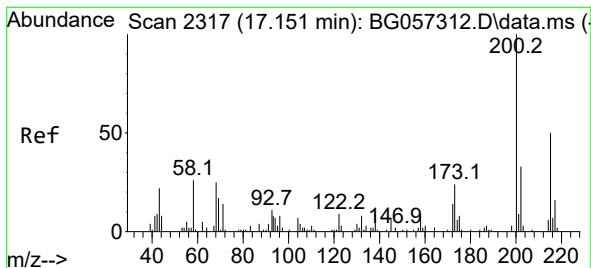
Tgt Ion:248 Resp: 47815
Ion Ratio Lower Upper
248 100
250 99.7 74.8 112.2
141 62.2 47.8 71.6



#69
Hexachlorobenzene
Concen: 26.832 ng/ul
RT: 17.036 min Scan# 2298
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:284 Resp: 51071
Ion Ratio Lower Upper
284 100
142 28.2 22.6 33.8
249 33.5 26.2 39.2





#70

Atrazine

Concen: 12.243 ng/ul

RT: 17.154 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

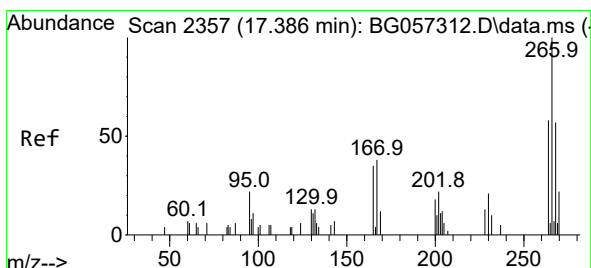
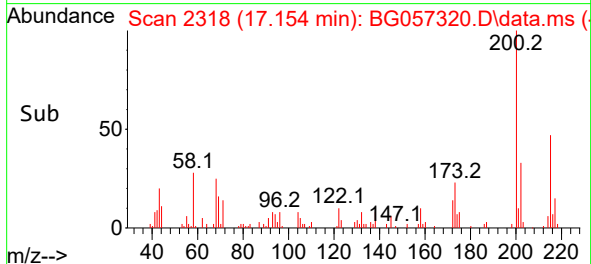
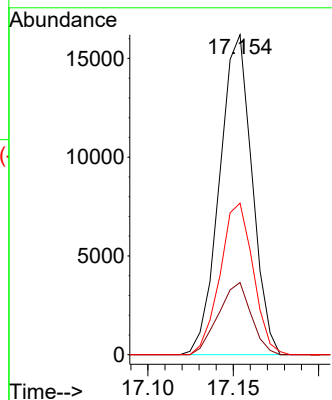
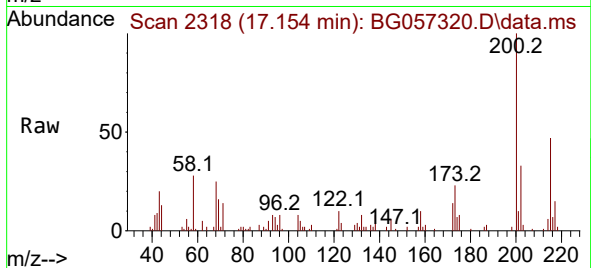
Tgt Ion:200 Resp: 21496

Ion Ratio Lower Upper

200 100

173 22.6 17.8 26.6

215 47.3 40.3 60.5



#71

Pentachlorophenol

Concen: 18.348 ng/ul

RT: 17.383 min Scan# 2357

Delta R.T. -0.003 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

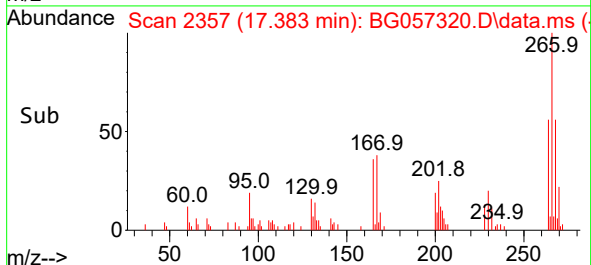
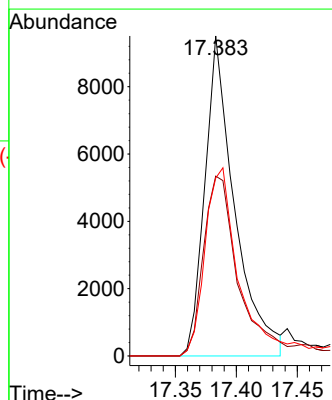
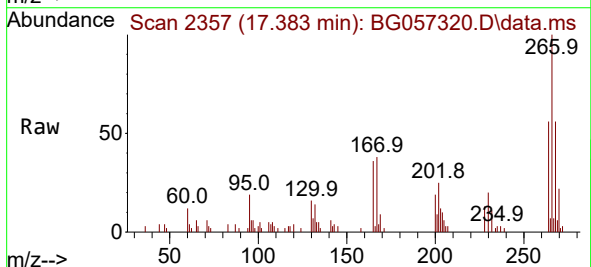
Tgt Ion:266 Resp: 16143

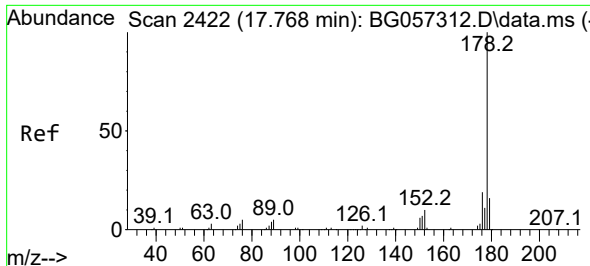
Ion Ratio Lower Upper

266 100

264 56.2 47.8 71.6

268 55.6 48.2 72.4

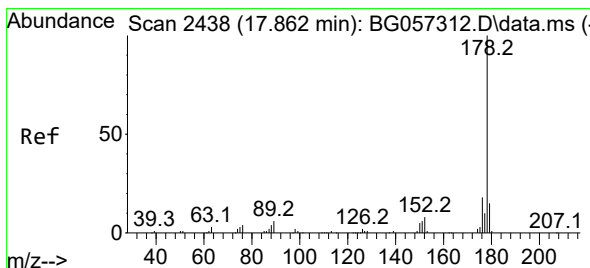
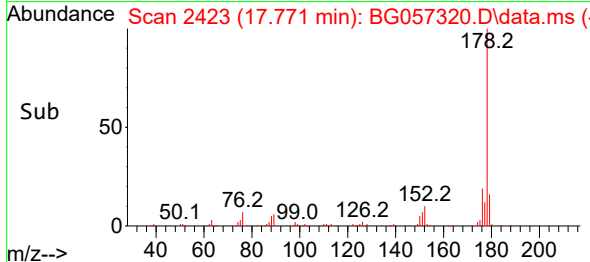
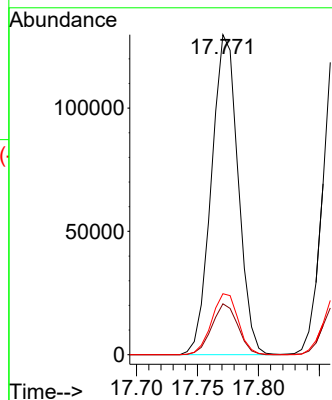
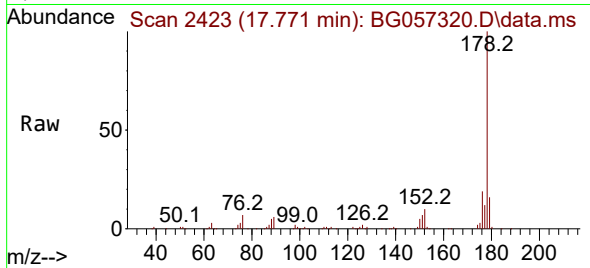




#72
Phenanthrene
Concen: 25.091 ng/ul
RT: 17.771 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

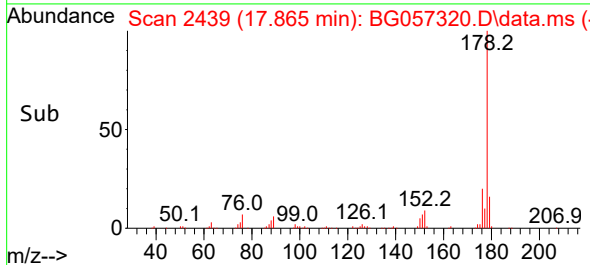
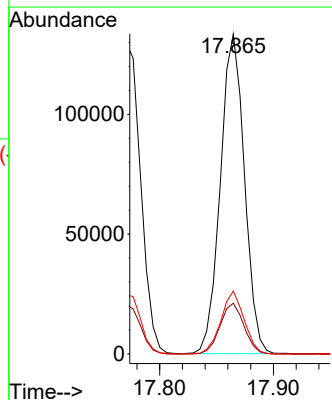
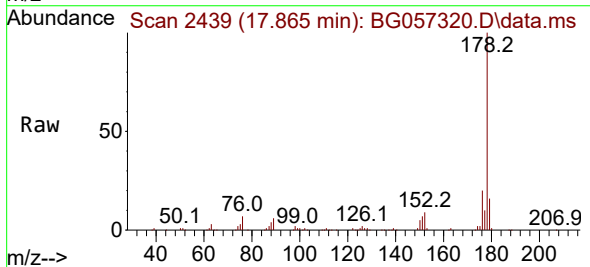
Instrument :
BNA_G
ClientSampleId :
SLCS528

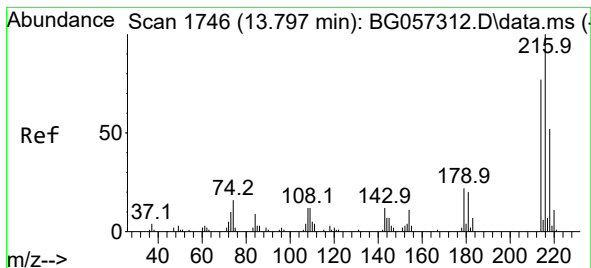
Tgt Ion:178 Resp: 197600
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 19.0 15.4 23.0



#74
Anthracene
Concen: 24.794 ng/ul
RT: 17.865 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:178 Resp: 196140
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.6 14.7 22.1

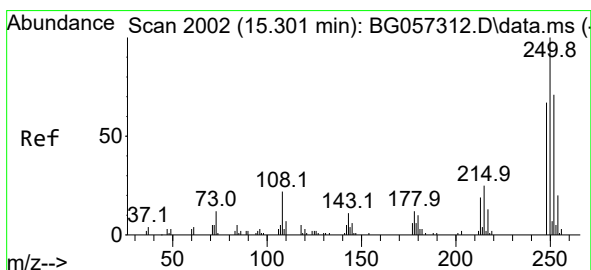
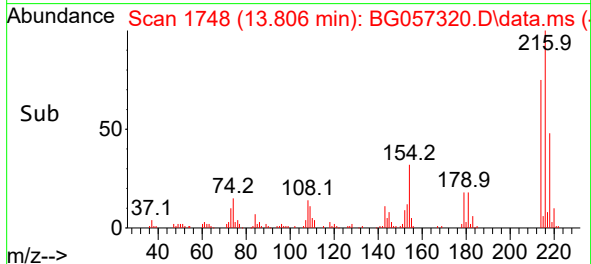
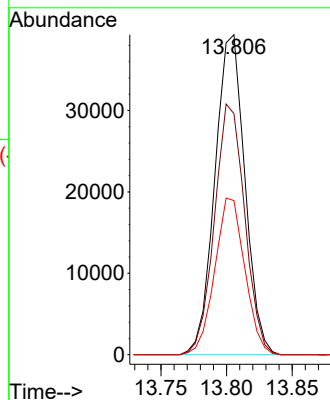
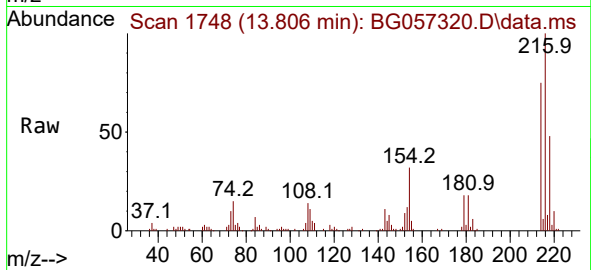




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.500 ng/uL
RT: 13.806 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

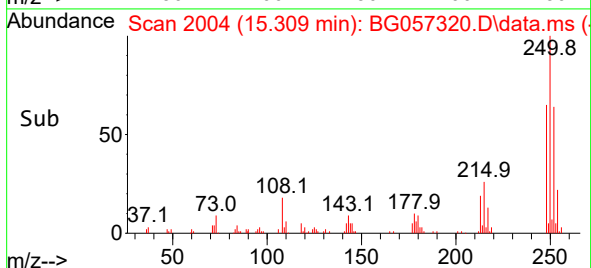
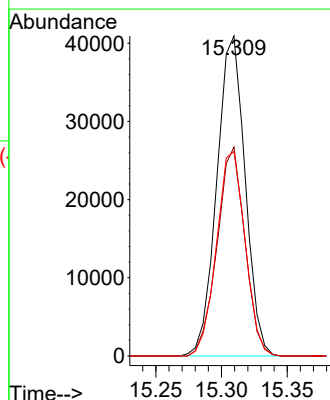
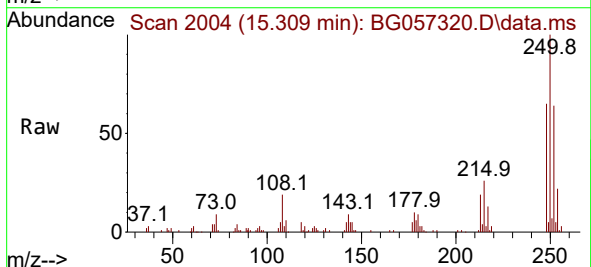
Instrument :
BNA_G
ClientSampleId :
SLCS528

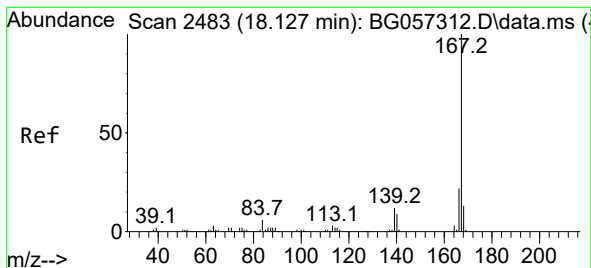
Tgt Ion:216 Resp: 62553
Ion Ratio Lower Upper
216 100
214 75.3 64.3 96.5
218 48.1 38.5 57.7



#76
Pentachlorobenzene
Concen: 26.518 ng/uL
RT: 15.309 min Scan# 2004
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:250 Resp: 61398
Ion Ratio Lower Upper
250 100
248 65.3 52.2 78.2
252 63.9 52.5 78.7





#77

Carbazole

Concen: 25.984 ng/ul

RT: 18.129 min Scan# 2484

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

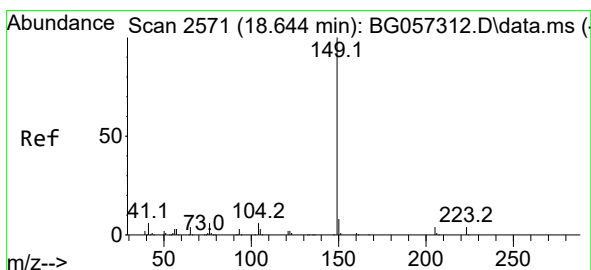
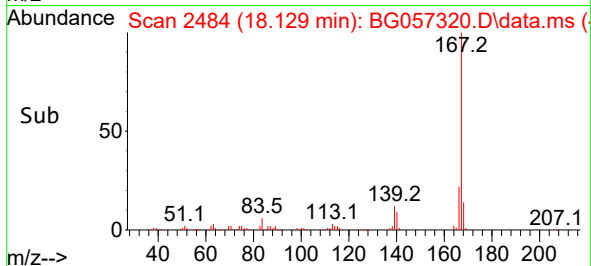
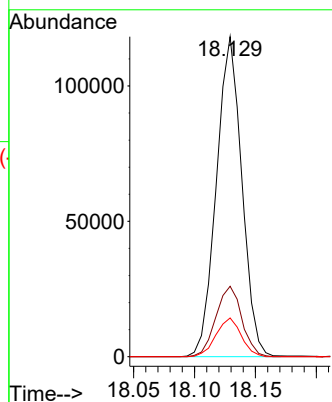
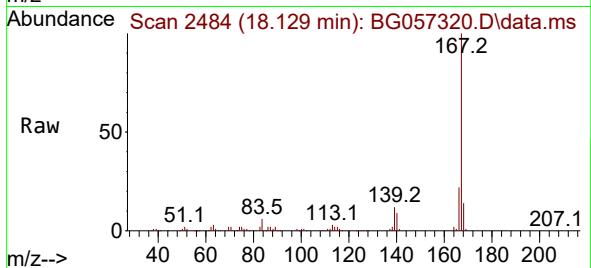
Tgt Ion:167 Resp: 171778

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

139 12.1 10.3 15.5



#78

Di-n-butylphthalate

Concen: 26.090 ng/ul

RT: 18.646 min Scan# 2572

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

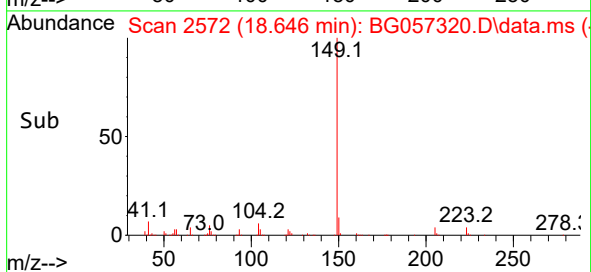
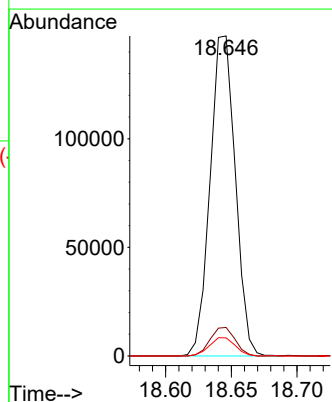
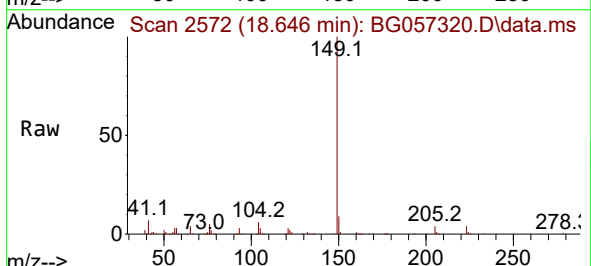
Tgt Ion:149 Resp: 197236

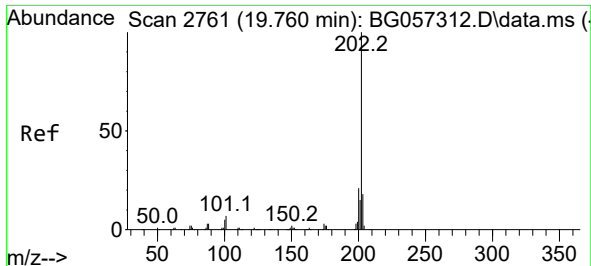
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.6 5.0 7.6

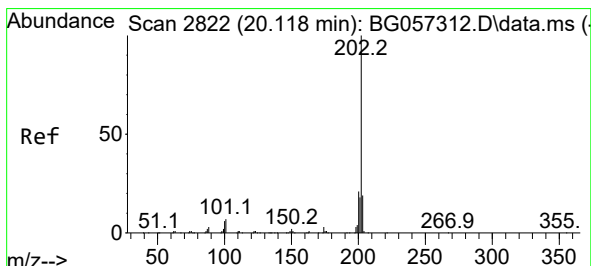
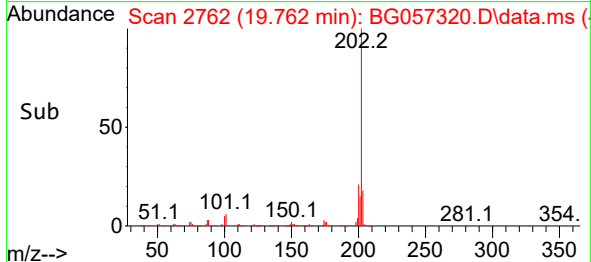
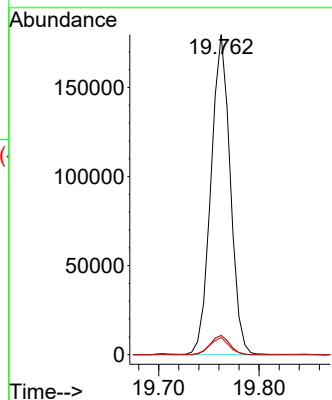
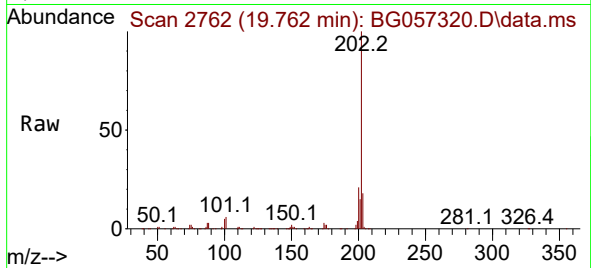




#80
Fluoranthene
Concen: 26.243 ng/ul
RT: 19.762 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

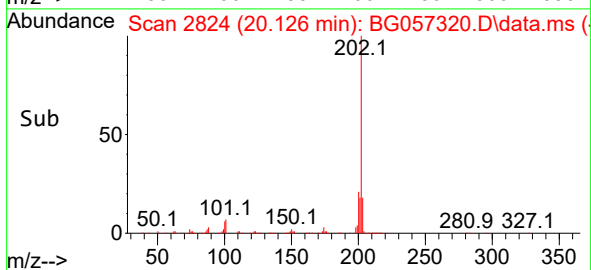
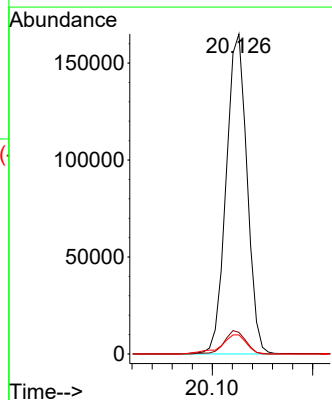
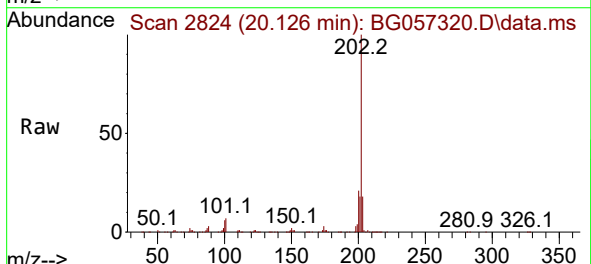
Instrument :
BNA_G
ClientSampleId :
SLCS528

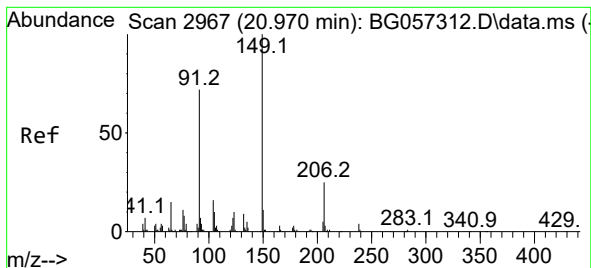
Tgt Ion:202 Resp: 239872
Ion Ratio Lower Upper
202 100
101 6.0 5.8 8.6
100 5.4 4.6 7.0



#82
Pyrene
Concen: 25.720 ng/ul
RT: 20.126 min Scan# 2824
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:202 Resp: 237995
Ion Ratio Lower Upper
202 100
101 6.8 5.7 8.5
100 6.0 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 27.138 ng/ul

RT: 20.972 min Scan# 2967

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

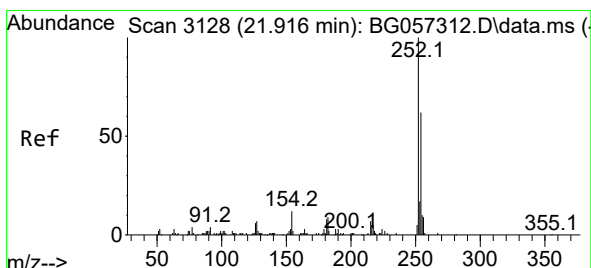
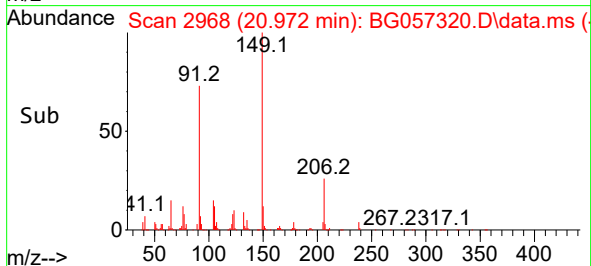
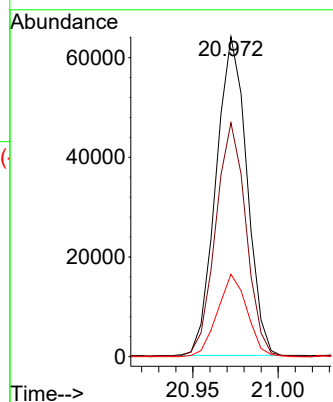
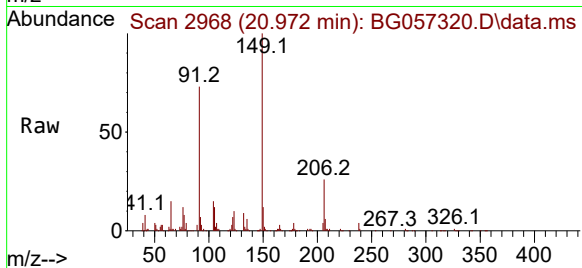
Tgt Ion:149 Resp: 80418

Ion Ratio Lower Upper

149 100

91 73.1 58.6 87.8

206 25.8 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 28.735 ng/ul

RT: 21.918 min Scan# 3129

Delta R.T. 0.002 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

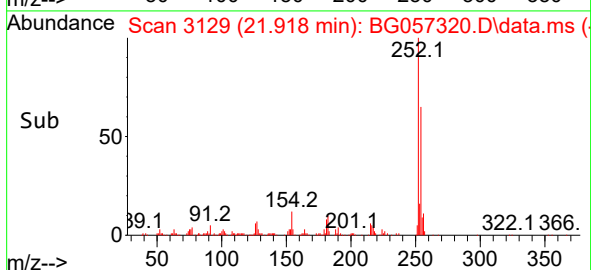
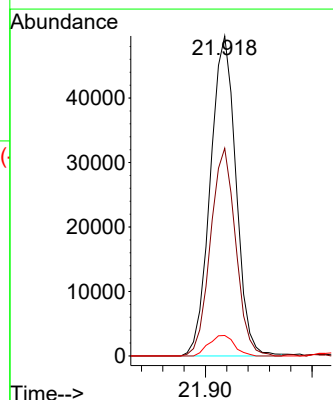
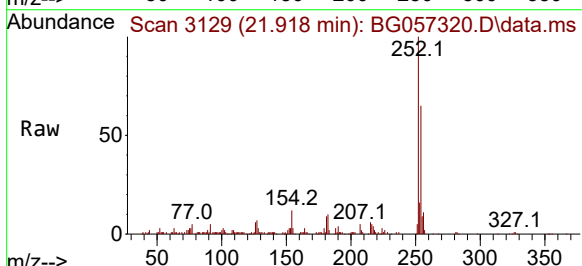
Tgt Ion:252 Resp: 82728

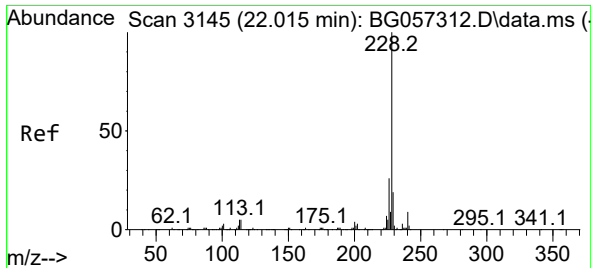
Ion Ratio Lower Upper

252 100

254 64.9 53.7 80.5

126 6.4 5.2 7.8

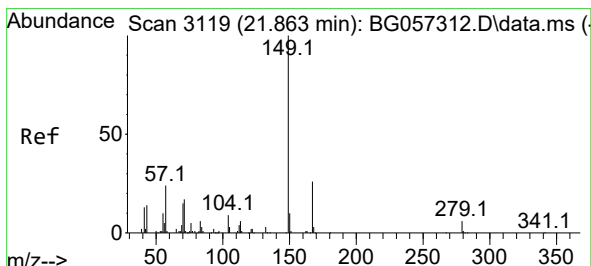
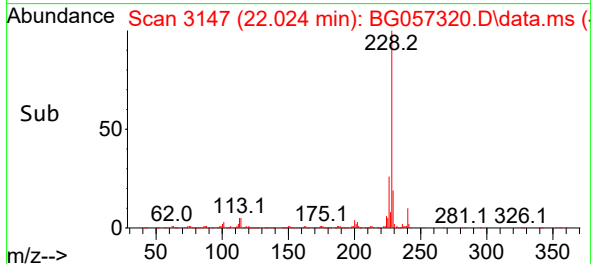
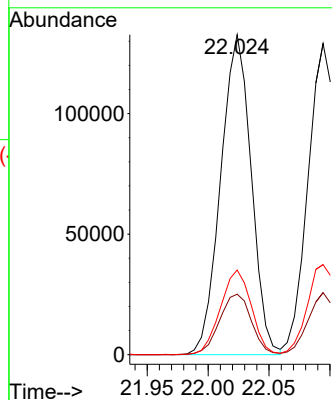
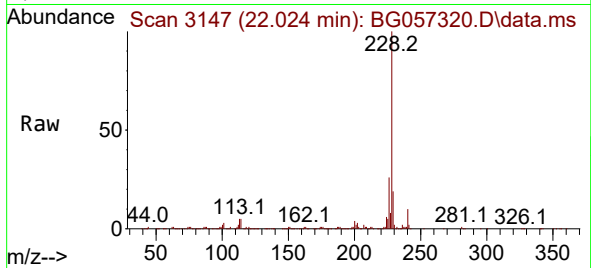




#85
Benzo(a)anthracene
Concen: 25.227 ng/ul
RT: 22.024 min Scan# 3145
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

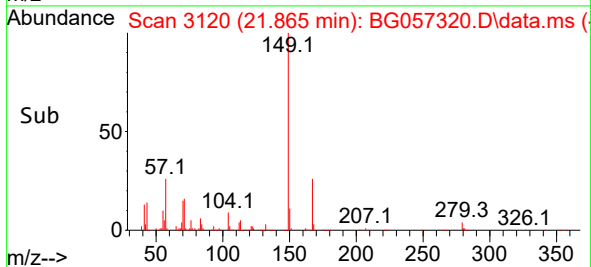
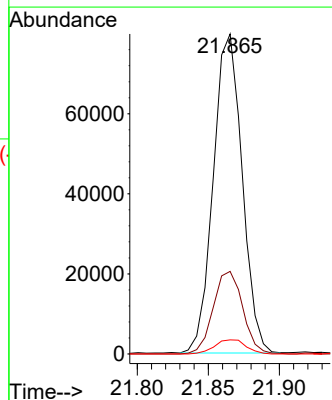
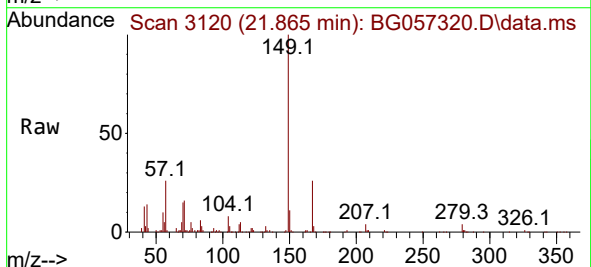
Instrument :
BNA_G
ClientSampleId :
SLCS528

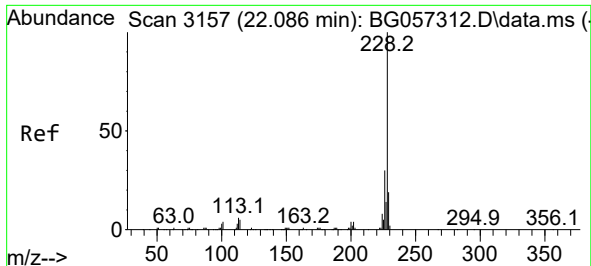
Tgt Ion:228 Resp: 231294
Ion Ratio Lower Upper
228 100
229 18.9 15.8 23.6
226 26.5 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 26.052 ng/ul
RT: 21.865 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:149 Resp: 112279
Ion Ratio Lower Upper
149 100
167 25.8 23.0 34.6
279 4.4 3.6 5.4

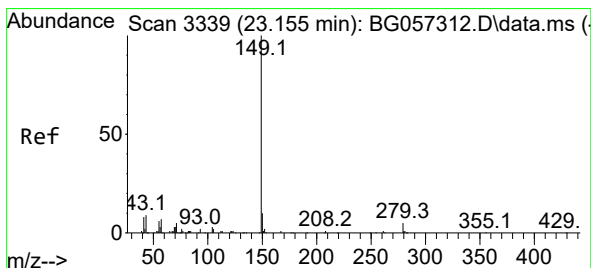
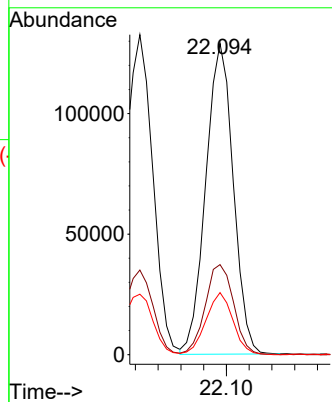
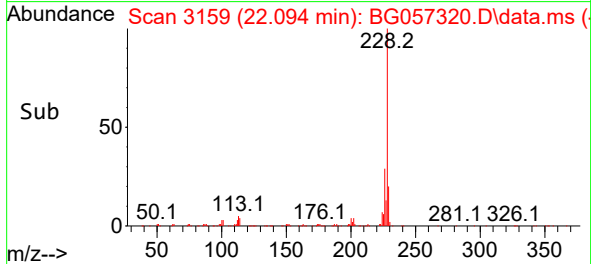
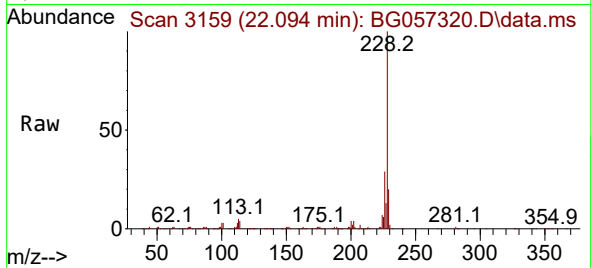




#87
Chrysene
Concen: 25.014 ng/ul
RT: 22.094 min Scan# 3157
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

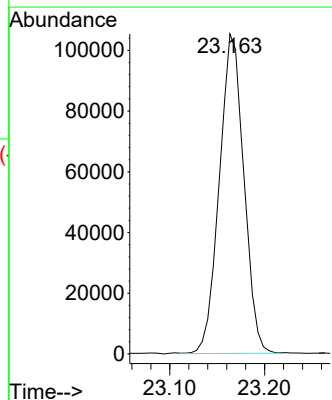
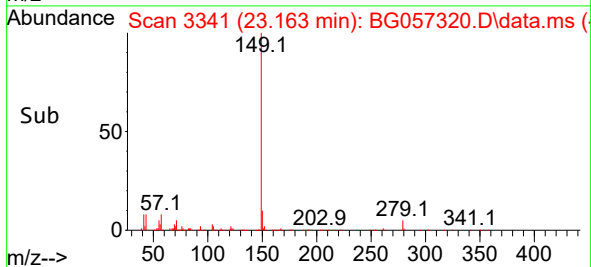
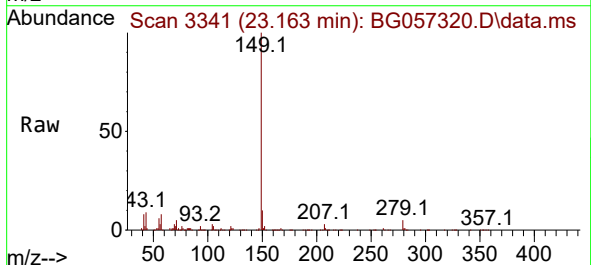
Instrument :
BNA_G
ClientSampleId :
SLCS528

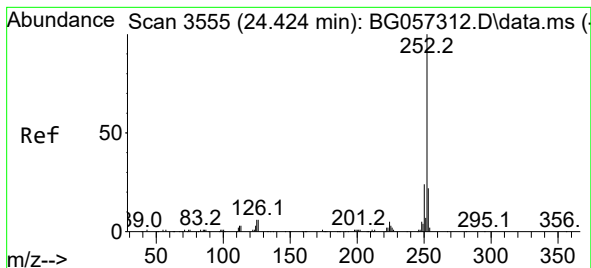
Tgt Ion:228 Resp: 216373
Ion Ratio Lower Upper
228 100
226 29.0 22.8 34.2
229 19.9 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 25.219 ng/ul
RT: 23.163 min Scan# 3341
Delta R.T. 0.008 min
Lab File: BG057320.D
Acq: 5 May 2023 16:32

Tgt Ion:149 Resp: 189009





#90

Benzo(b)fluoranthene

Concen: 24.361 ng/ul

RT: 24.509 min Scan# 3570

Delta R.T. 0.085 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

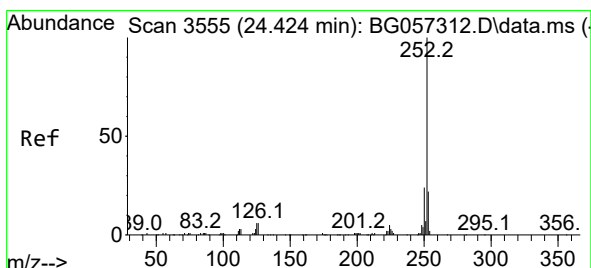
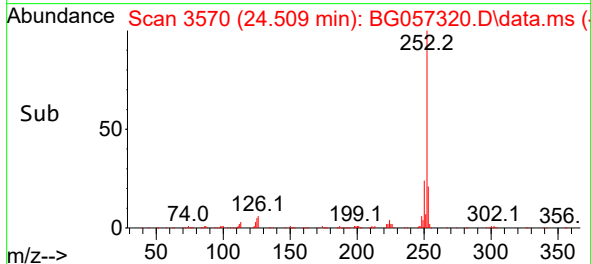
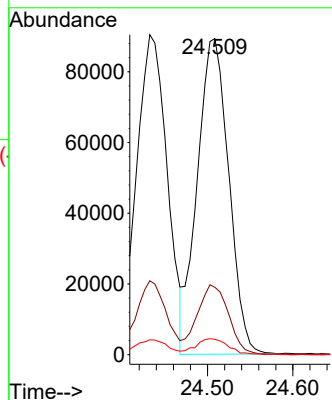
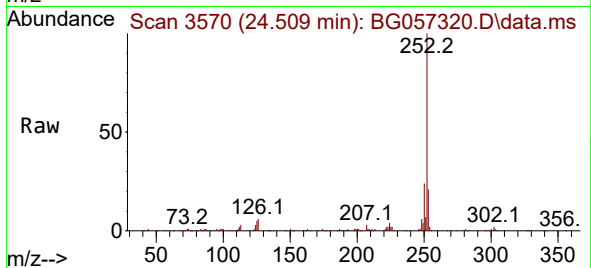
Tgt Ion:252 Resp: 228953

Ion Ratio Lower Upper

252 100

253 21.3 16.7 25.1

125 4.9 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 25.040 ng/ul

RT: 24.509 min Scan# 3570

Delta R.T. 0.014 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

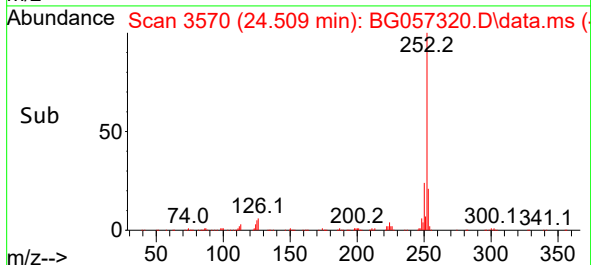
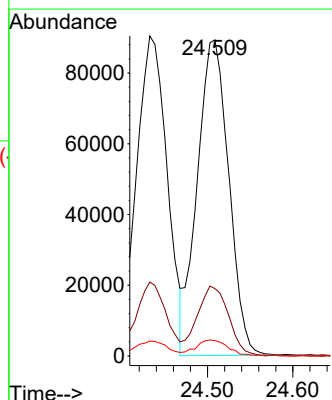
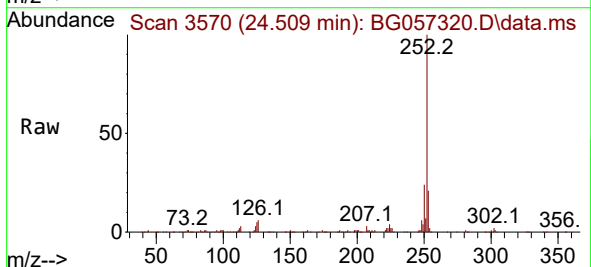
Tgt Ion:252 Resp: 228953

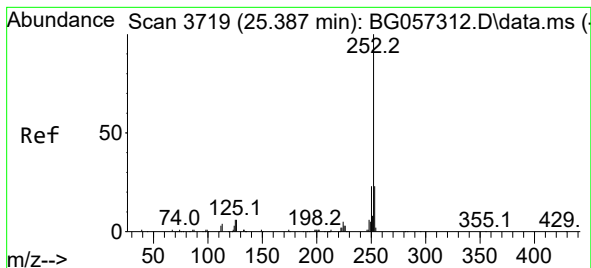
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 4.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 25.115 ng/ul

RT: 25.402 min Scan# 31

Delta R.T. 0.014 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

Instrument :

BNA_G

ClientSampleId :

SLCS528

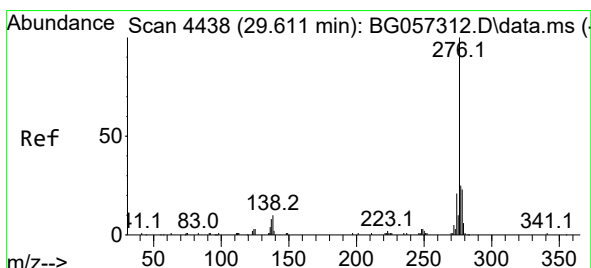
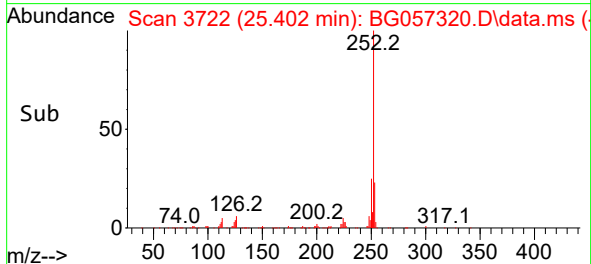
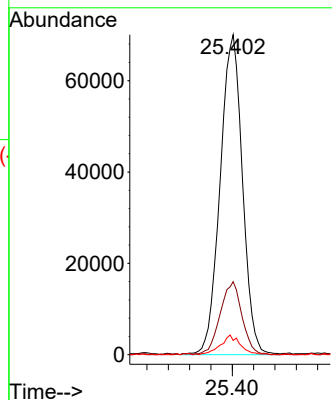
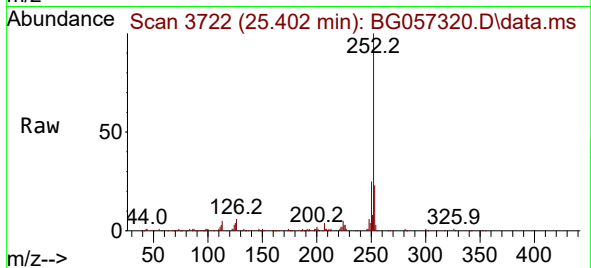
Tgt Ion:252 Resp: 203783

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 4.4 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.783 ng/ul

RT: 29.643 min Scan# 4444

Delta R.T. 0.032 min

Lab File: BG057320.D

Acq: 5 May 2023 16:32

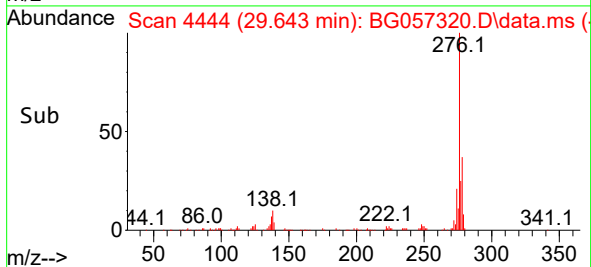
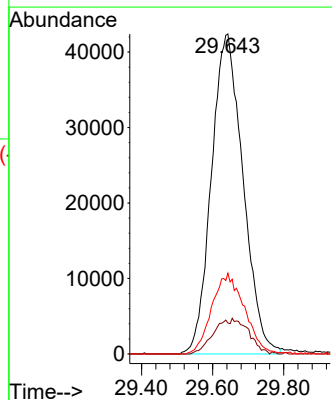
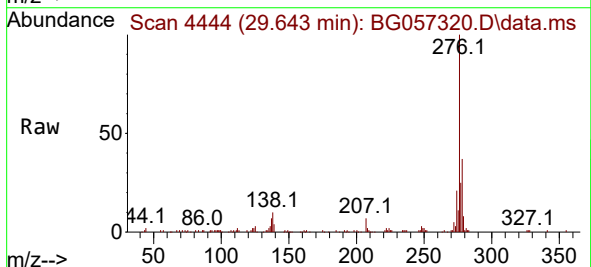
Tgt Ion:276 Resp: 261507

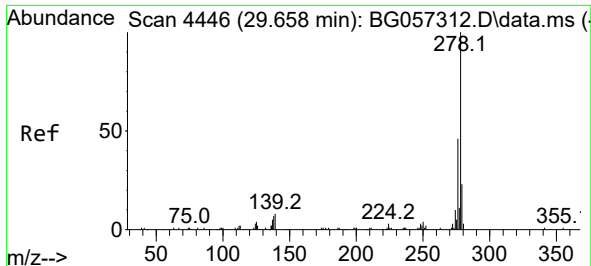
Ion Ratio Lower Upper

276 100

138 9.7 9.4 14.2

277 25.2 18.6 28.0

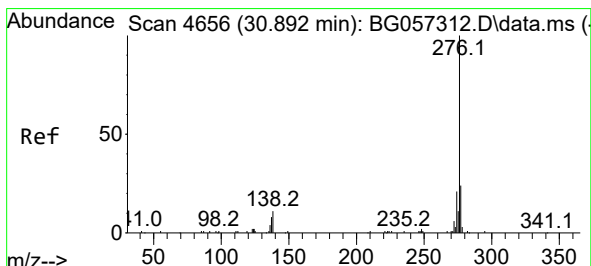
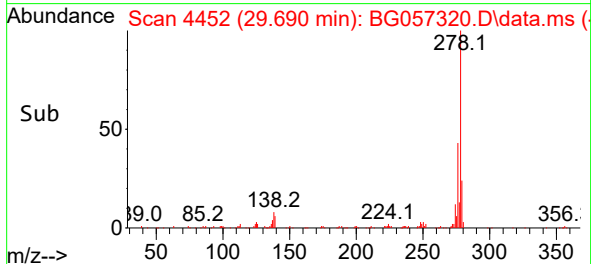
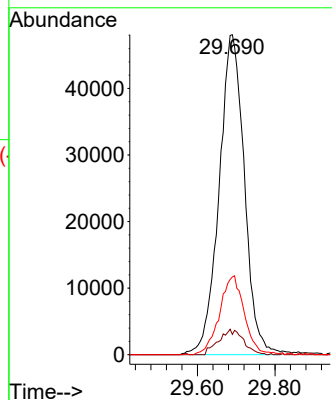
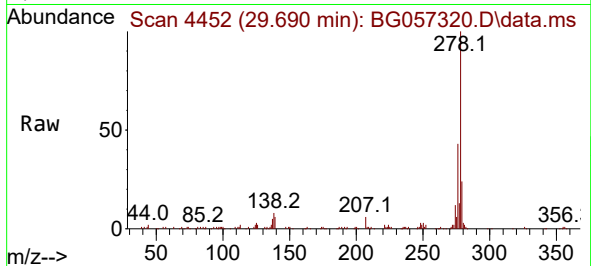




#95
 Dibenzo(a,h)anthracene
 Concen: 25.892 ng/ul
 RT: 29.690 min Scan# 4446
 Delta R.T. 0.032 min
 Lab File: BG057320.D
 Acq: 5 May 2023 16:32

Instrument :
 BNA_G
 ClientSampleId :
 SLCS528

Tgt Ion:278 Resp: 217760
 Ion Ratio Lower Upper
 278 100
 139 6.4 5.8 8.6
 279 24.3 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 25.017 ng/ul
 RT: 30.918 min Scan# 4661
 Delta R.T. 0.026 min
 Lab File: BG057320.D
 Acq: 5 May 2023 16:32

Tgt Ion:276 Resp: 205354
 Ion Ratio Lower Upper
 276 100
 138 10.3 8.7 13.1
 277 22.3 18.4 27.6

