

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072723\
 Data File : BG058498.D
 Acq On : 27 Jul 2023 12:48
 Operator : MA/JU
 Sample : PB154055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

Quant Time: Jul 28 00:59:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	49553	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	210088	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.462	164	145095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	350936	20.000	ng/u1	0.00
79) Chrysene-d12	21.448	240	305460	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	346713	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	8252	6.129	ng/uL	0.00
4) Pyridine-d5	3.652	84	65991	16.514	ng/u1	0.00
7) Phenol-d5	6.983	99	136611	29.061	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	87553	29.799	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	101765	30.927	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	101817	28.396	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	49946	31.717	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	57216	33.281	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	102937	31.235	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	43957	9.201	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	333025	29.765	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	379296	32.349	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	48024	28.421	ng/u1	0.00
60) Fluorene-d10	15.455	176	296436	32.001	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	52994	29.639	ng/u1	0.00
73) Anthracene-d10	17.306	188	485861	32.042	ng/u1	0.00
81) Pyrene-d10	19.598	212	587214	32.548	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	578596	34.527	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	17044	11.161	ng/uL#	95
5) Pyridine	3.669	79	112457	26.648	ng/u1	95
6) Benzaldehyde	6.954	77	55029	28.987	ng/u1	96
8) Phenol	7.012	94	136805	28.024	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.236	93	105335	28.166	ng/u1	99
12) 2-Chlorophenol	7.377	128	100602	29.208	ng/u1	99
13) 2-Methylphenol	8.264	108	105397	27.702	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	169019	27.579	ng/u1	97
16) Acetophenone	8.640	105	166790	27.315	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	86303	25.824	ng/u1	98
18) 4-Methylphenol	8.593	108	114667	27.732	ng/u1	97
19) Hexachloroethane	8.893	117	40335	29.709	ng/u1	90
22) Nitrobenzene	9.022	77	123509	29.411	ng/u1	99
23) Isophorone	9.539	82	254349	27.015	ng/u1	100
25) 2-Nitrophenol	9.733	139	56832	30.949	ng/u1	97
26) 2,4-Dimethylphenol	9.791	107	110258	26.928	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.026	93	143934	28.866	ng/u1	97
29) 2,4-Dichlorophenol	10.267	162	95856	30.645	ng/u1	98
30) Naphthalene	10.667	128	332395	29.600	ng/u1	99
32) 4-Chloroaniline	10.779	127	83221	17.043	ng/u1	98
33) Hexachlorobutadiene	10.949	225	72626	32.471	ng/u1	99
34) Caprolactam	11.531	113	23523	18.106	ng/u1	91
35) 4-Chloro-3-methylphenol	11.913	107	115311	28.967	ng/u1	95
36) 2-Methylnaphthalene	12.283	142	220198	29.268	ng/u1	96

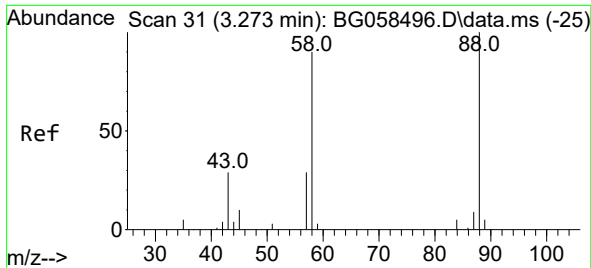
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	226915	29.428	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.653	216	134184	31.947	ng/ul	100
40) Hexachlorocyclopentadiene	12.629	237	41974	18.580	ng/ul	97
41) 2,4,6-Trichlorophenol	12.894	196	77938	27.411	ng/ul	99
42) 2,4,5-Trichlorophenol	12.970	196	84447	27.852	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	293080	29.872	ng/ul	97
44) 2-Chloronaphthalene	13.340	162	241112	30.909	ng/ul	98
45) 2-Nitroaniline	13.546	65	84294	31.109	ng/ul	97
47) Dimethylphthalate	13.916	163	314209	27.958	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	68808	31.684	ng/ul	93
50) Acenaphthylene	14.186	152	381422	30.136	ng/ul	100
51) 3-Nitroaniline	14.374	138	63203	34.922	ng/ul#	93
52) Acenaphthene	14.527	153	261715	29.783	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	22438	19.413	ng/ul	92
55) 4-Nitrophenol	14.692	109	33163	25.484	ng/ul	92
56) Dibenzofuran	14.862	168	376677	30.104	ng/ul	97
57) 2,4-Dinitrotoluene	14.833	165	99741	31.843	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.091	232	67058	23.939	ng/ul#	98
59) Diethylphthalate	15.279	149	327653	28.300	ng/ul	100
61) Fluorene	15.514	166	306622	29.882	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.502	204	164974	30.285	ng/ul	97
63) 4-Nitroaniline	15.538	138	63068	38.512	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.596	198	50129	27.251	ng/ul	98
67) N-Nitrosodiphenylamine	15.720	169	260017	29.890	ng/ul	98
68) 4-Bromophenyl-phenylether	16.395	248	116672	31.388	ng/ul	98
69) Hexachlorobenzene	16.513	284	132069	31.488	ng/ul	98
72) Phenanthrene	17.247	178	506235	30.355	ng/ul	98
74) Anthracene	17.341	178	500298	29.882	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	136555	31.022	ng/uL	97
76) Pentachlorobenzene	14.786	250	145742	30.277	ng/uL	97
77) Carbazole	17.612	167	460452	31.727	ng/ul	99
78) Di-n-butylphthalate	18.164	149	591245	32.060	ng/ul	99
80) Fluoranthene	19.263	202	632022	30.579	ng/ul	99
82) Pyrene	19.627	202	640094	30.565	ng/ul	99
83) Butylbenzylphthalate	20.514	149	267646	32.456	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.349	252	208721	30.610	ng/ul	98
85) Benzo(a)anthracene	21.431	228	651499	31.732	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	369258	31.482	ng/ul	98
87) Chrysene	21.495	228	616261	31.644	ng/ul	99
89) Di-n-octyl phthalate	22.488	149	666790	36.145	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	647685	32.287	ng/ul	100
91) Benzo(k)fluoranthene	23.605	252	678124	33.894	ng/ul	99
93) Benzo(a)pyrene	24.374	252	579452	32.476	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.000	276	541033	23.015	ng/ul	98
95) Dibenzo(a,h)anthracene	28.058	278	446883	23.182	ng/ul	99
96) Benzo(g,h,i)perylene	29.098	276	380377	19.860	ng/ul	97

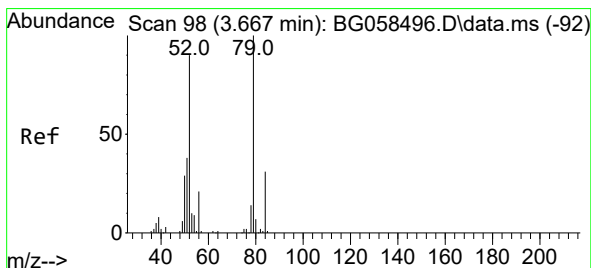
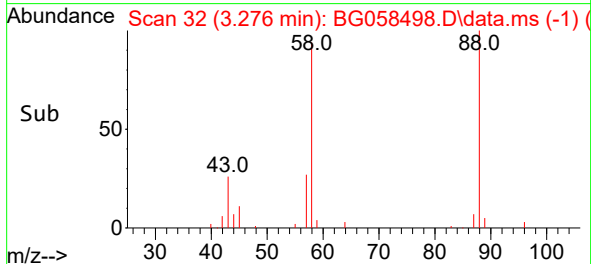
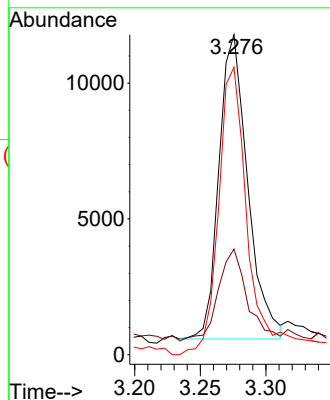
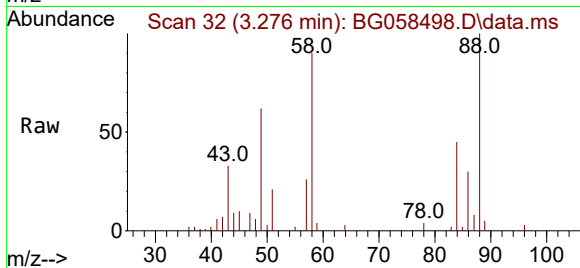
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#2
1,4-Dioxane
Concen: 11.161 ng/uL
RT: 3.276 min Scan# 31
Delta R.T. -0.001 min
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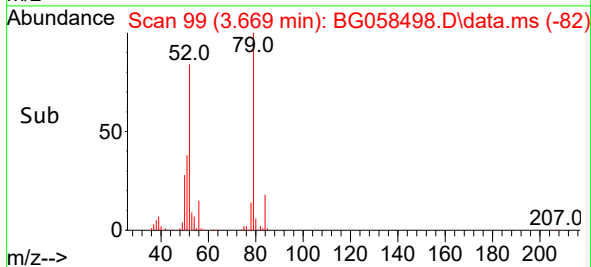
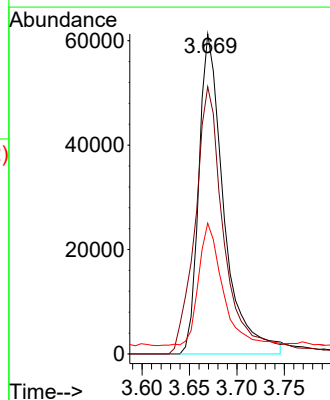
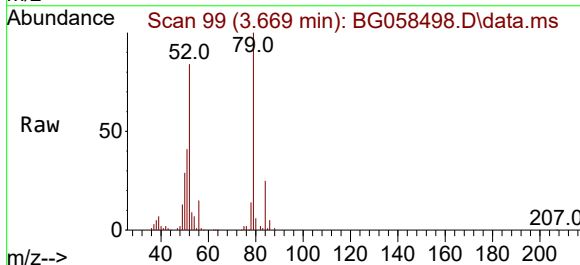
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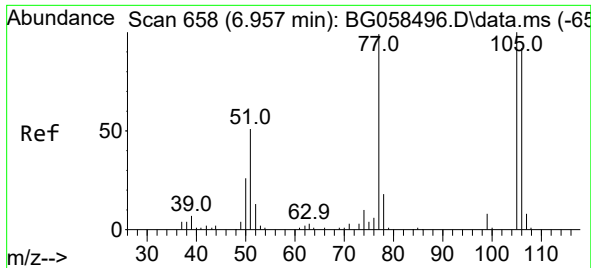
Tgt Ion: 88 Resp: 17044
Ion Ratio Lower Upper
88 100
43 33.0 19.6 29.4#
58 89.8 70.2 105.4



#5
Pyridine
Concen: 26.648 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion: 79 Resp: 112457
Ion Ratio Lower Upper
79 100
52 83.5 72.3 108.5
51 40.8 33.4 50.0

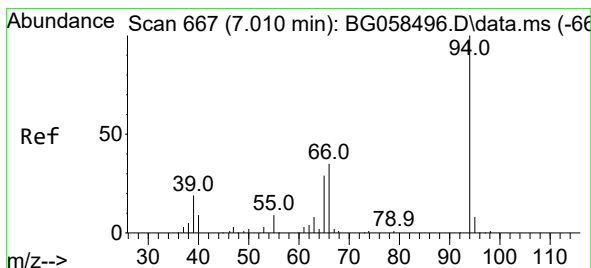
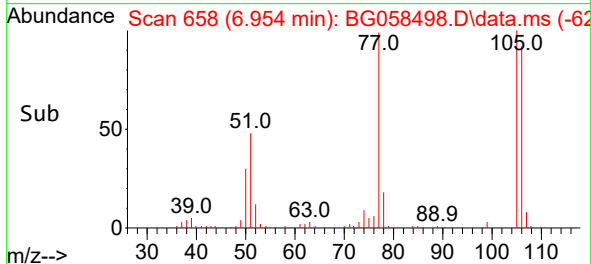
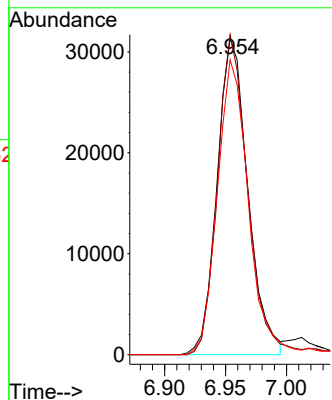
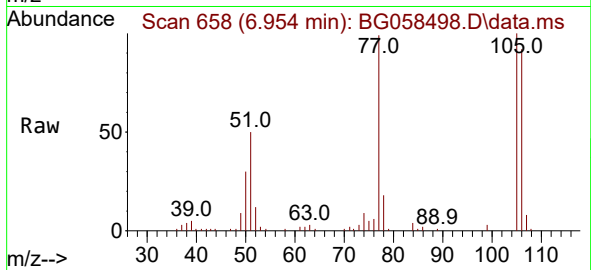




#6
Benzaldehyde
Concen: 28.987 ng/ul
RT: 6.954 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

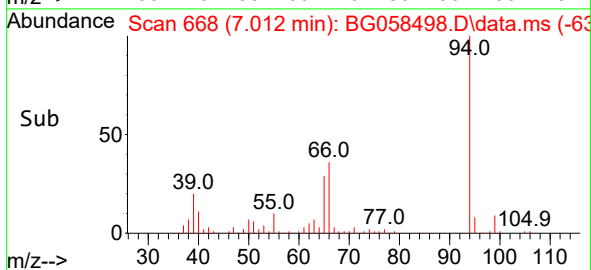
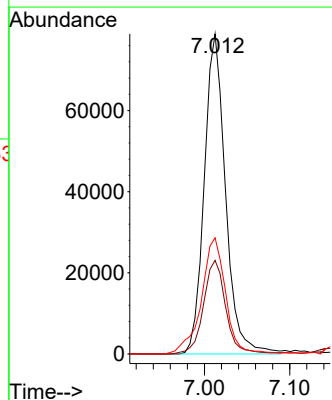
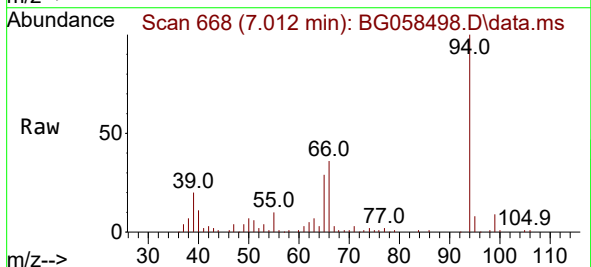
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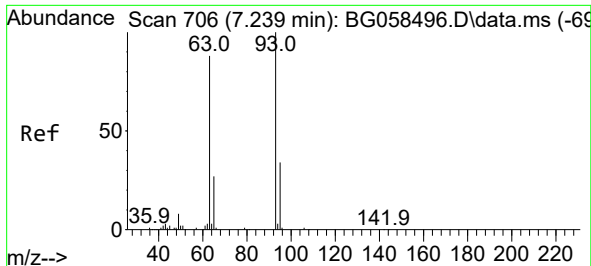
Tgt Ion: 77 Resp: 55029
Ion Ratio Lower Upper
77 100
105 101.2 78.2 117.4
106 93.2 71.6 107.4



#8
Phenol
Concen: 28.024 ng/ul
RT: 7.012 min Scan# 668
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion: 94 Resp: 136805
Ion Ratio Lower Upper
94 100
65 29.3 23.8 35.8
66 36.3 31.2 46.8

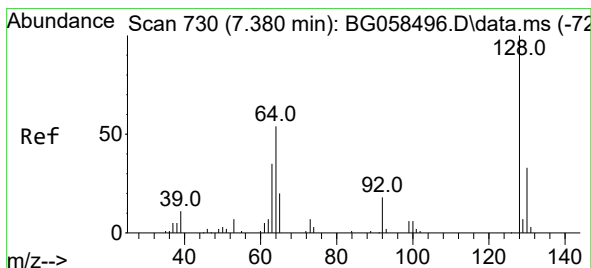
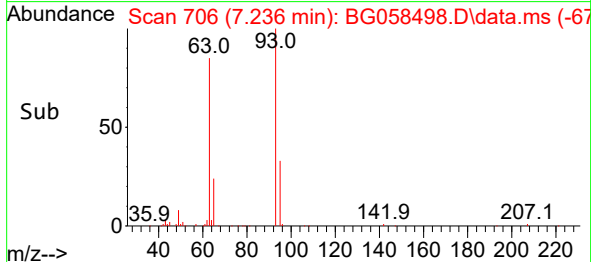
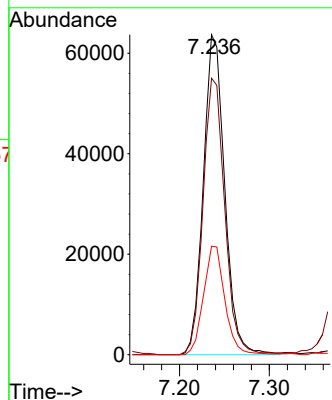
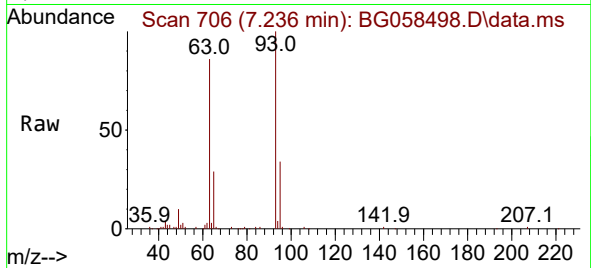




#10
Bis(2-Chloroethyl)ether
Concen: 28.166 ng/ul
RT: 7.236 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

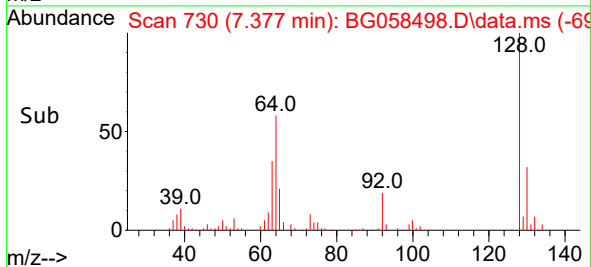
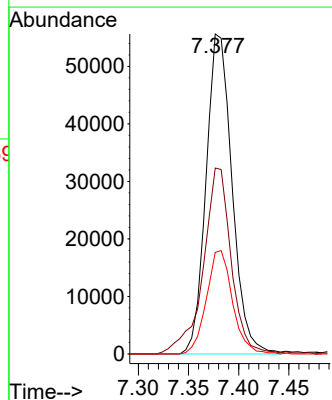
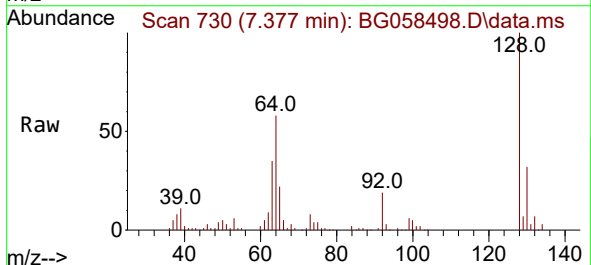
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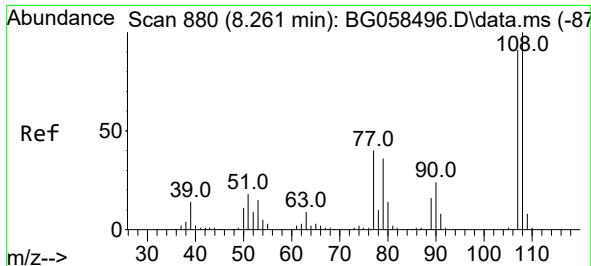
Tgt Ion: 93 Resp: 105335
Ion Ratio Lower Upper
93 100
63 86.4 67.7 101.5
95 33.9 27.0 40.6



#12
2-Chlorophenol
Concen: 29.208 ng/ul
RT: 7.377 min Scan# 730
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:128 Resp: 100602
Ion Ratio Lower Upper
128 100
64 58.1 45.6 68.4
130 31.8 25.2 37.8

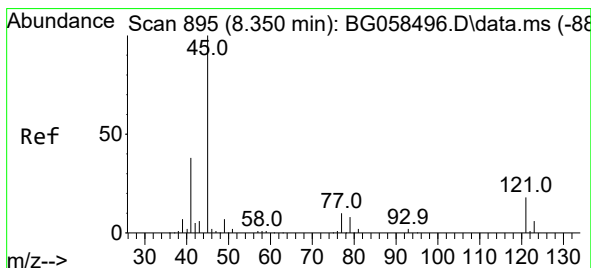
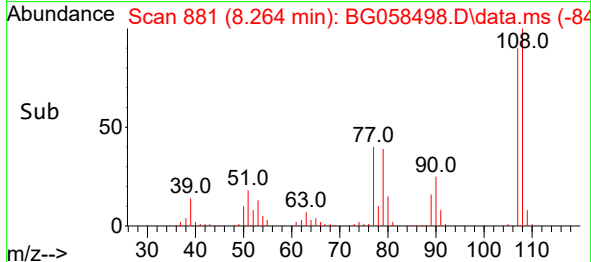
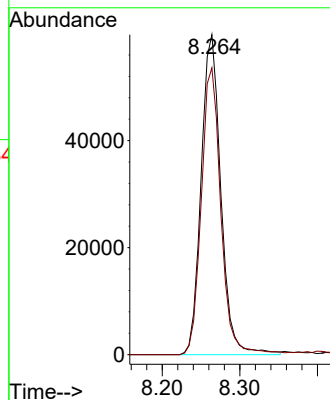
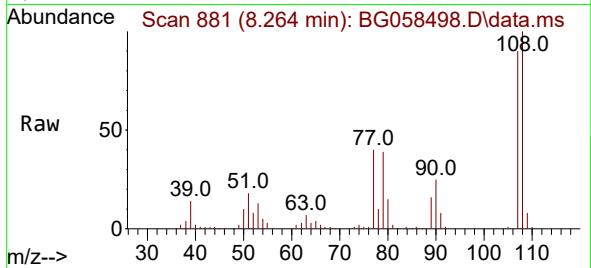




#13
2-Methylphenol
Concen: 27.702 ng/ul
RT: 8.264 min Scan# 880
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

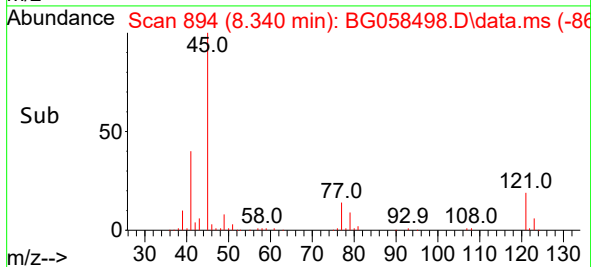
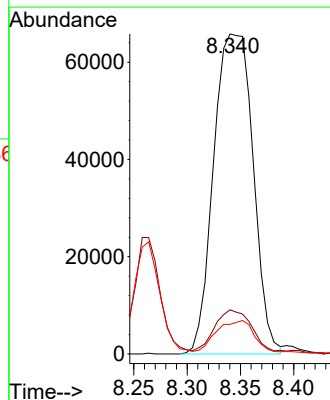
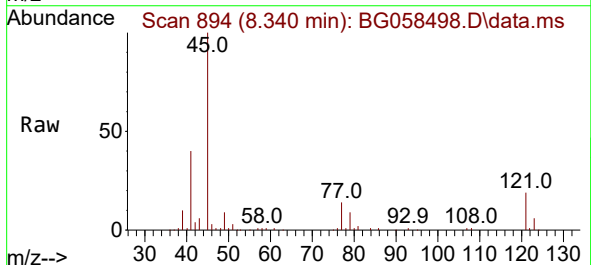
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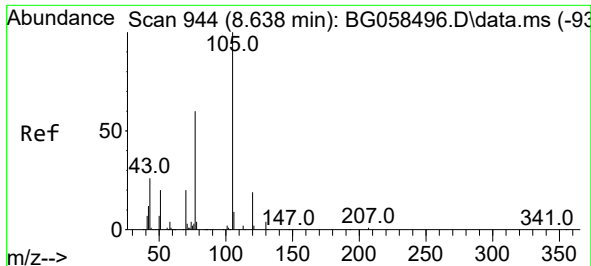
Tgt Ion:108 Resp: 105397
Ion Ratio Lower Upper
108 100
107 89.7 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.579 ng/ul
RT: 8.340 min Scan# 894
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion: 45 Resp: 169019
Ion Ratio Lower Upper
45 100
77 13.8 9.4 14.2
79 9.2 7.4 11.2

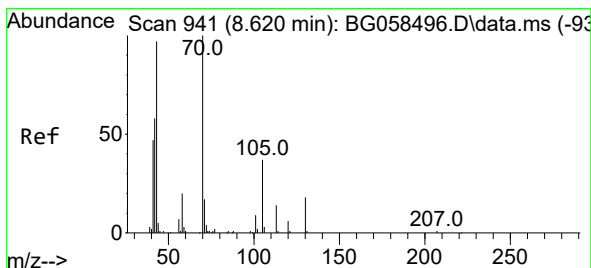
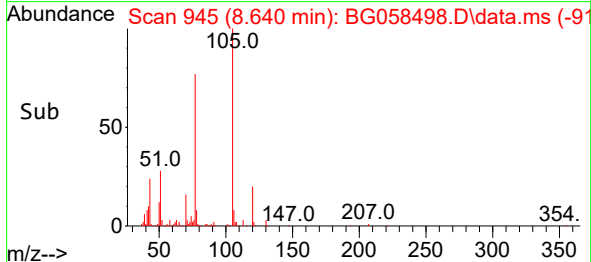
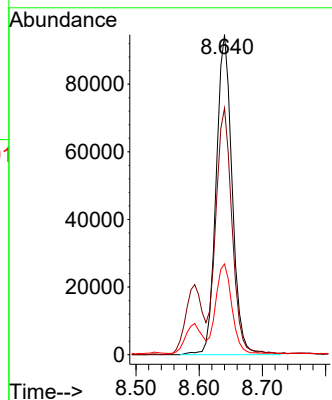
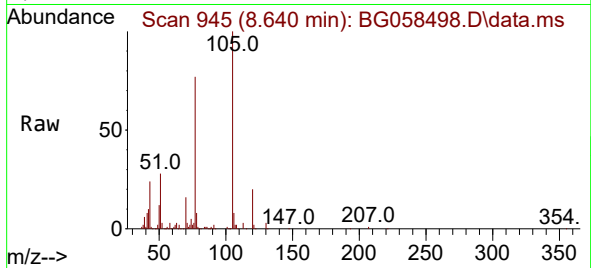




#16
Acetophenone
Concen: 27.315 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

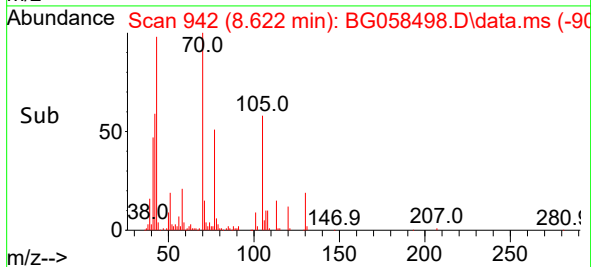
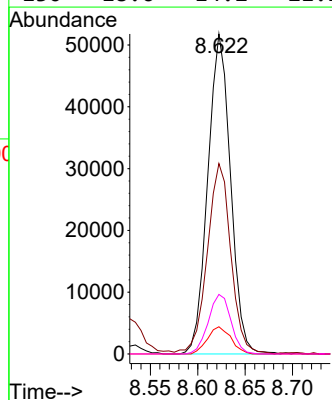
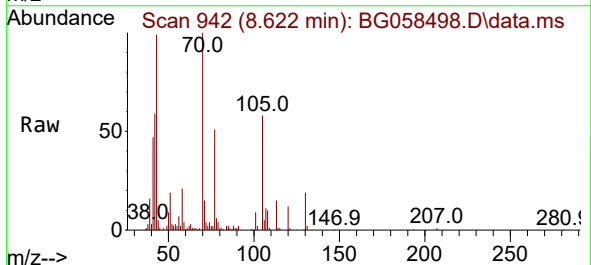
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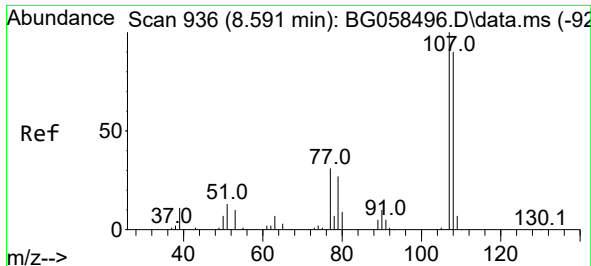
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Ion Ratio Lower Upper
105 100
77 77.1 60.7 91.1
51 28.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 25.824 ng/ul
RT: 8.622 min Scan# 942
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion: 70 Resp: 86303
Ion Ratio Lower Upper
70 100
42 59.5 46.6 69.8
101 8.5 7.3 10.9
130 18.6 14.2 21.2

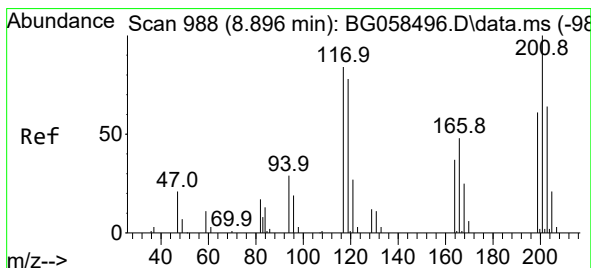
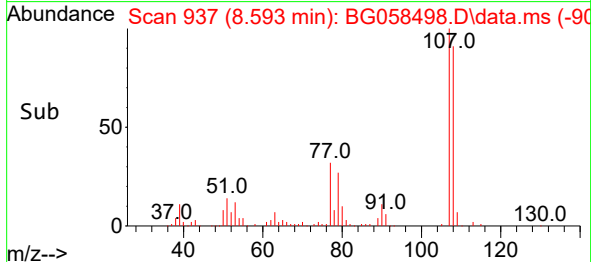
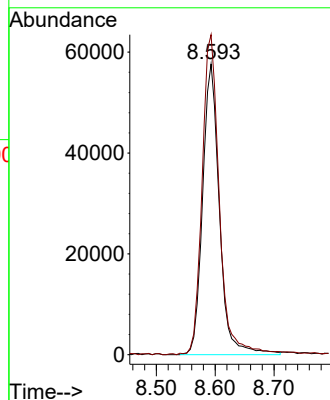
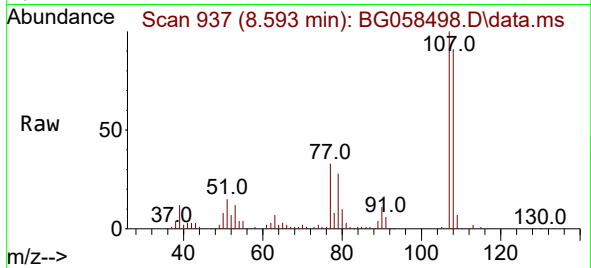




#18
4-Methylphenol
Concen: 27.732 ng/ul
RT: 8.593 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

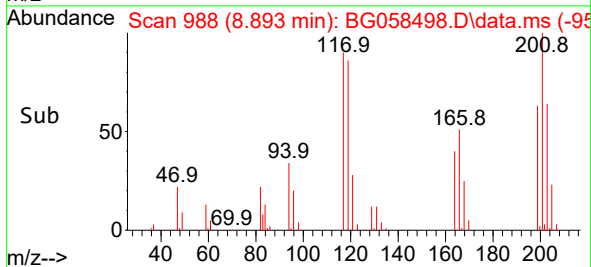
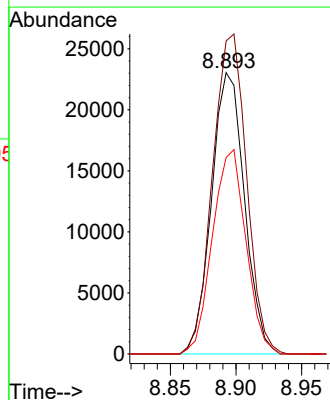
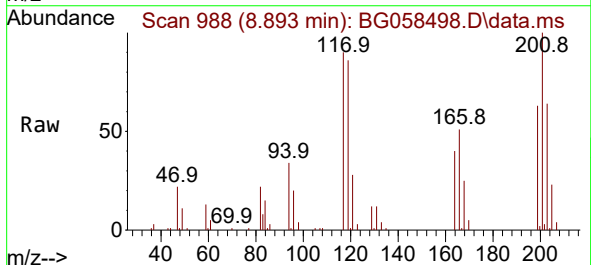
Instrument :
BNA_G
ClientSampleId :
SLCS055

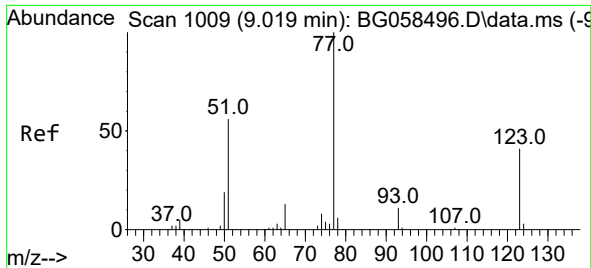
Tgt Ion:108 Resp: 114667
Ion Ratio Lower Upper
108 100
107 110.1 90.6 136.0



#19
Hexachloroethane
Concen: 29.709 ng/ul
RT: 8.893 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:117 Resp: 40335
Ion Ratio Lower Upper
117 100
201 114.3 103.6 155.4
199 71.9 60.1 90.1

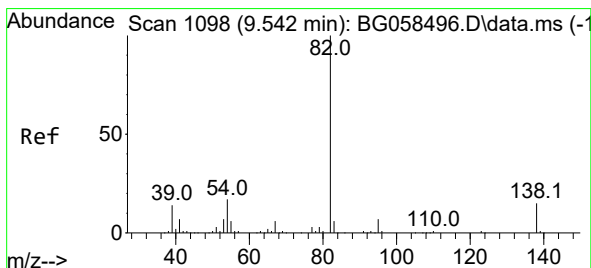
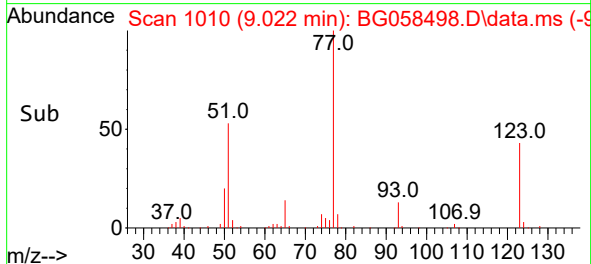
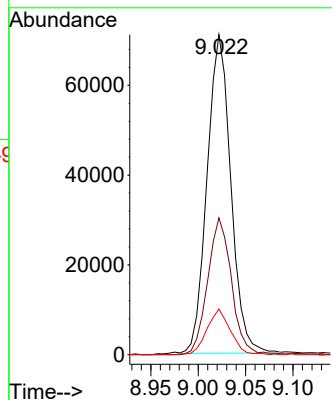
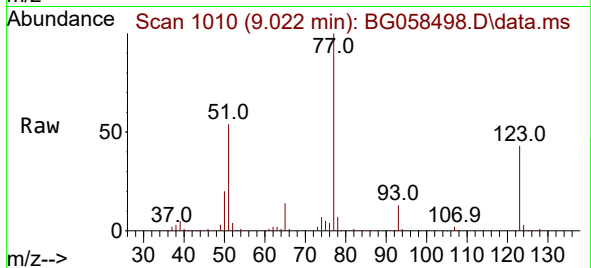




#22
Nitrobenzene
Concen: 29.411 ng/ul
RT: 9.022 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

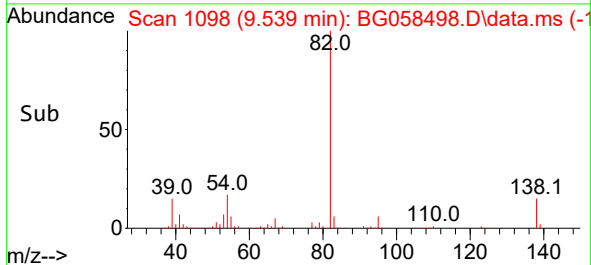
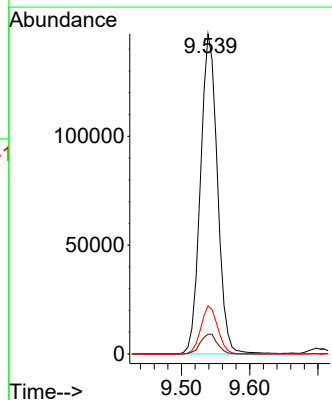
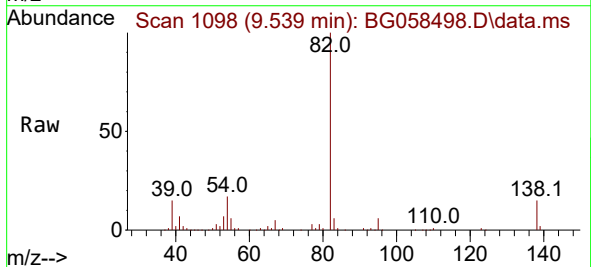
Instrument :
BNA_G
ClientSampleId :
SLCS055

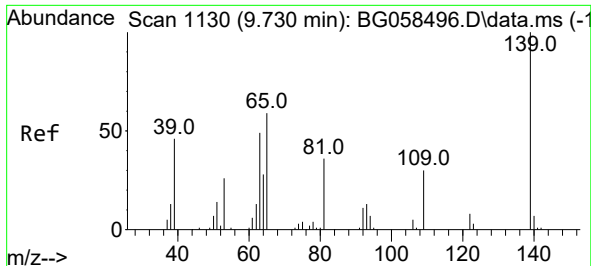
Tgt Ion: 77 Resp: 123509
Ion Ratio Lower Upper
77 100
123 42.8 34.0 51.0
65 14.3 11.0 16.6



#23
Isophorone
Concen: 27.015 ng/ul
RT: 9.539 min Scan# 1098
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion: 82 Resp: 254349
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 15.1 11.9 17.9

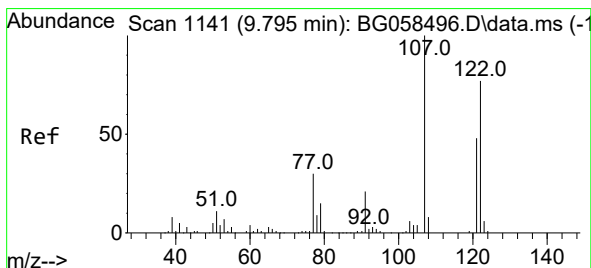
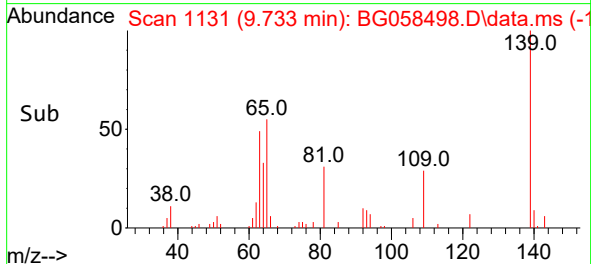
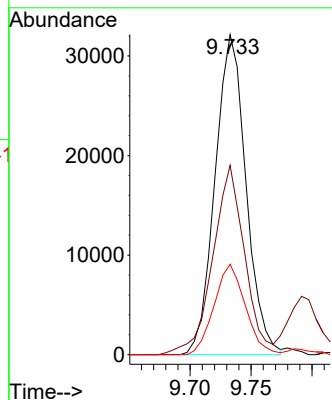
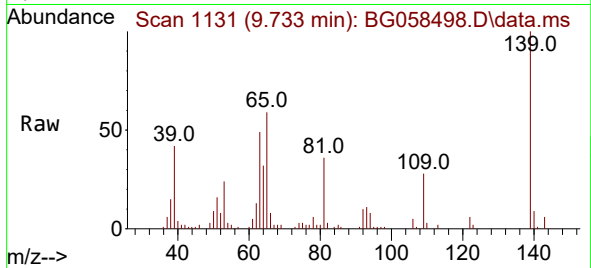




#25
2-Nitrophenol
Concen: 30.949 ng/ul
RT: 9.733 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

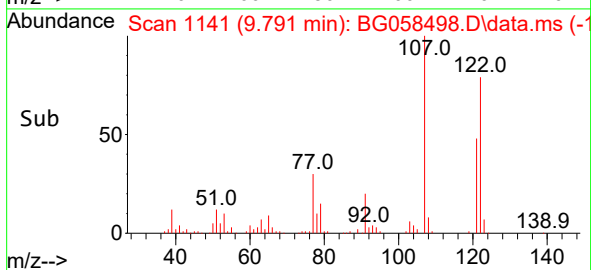
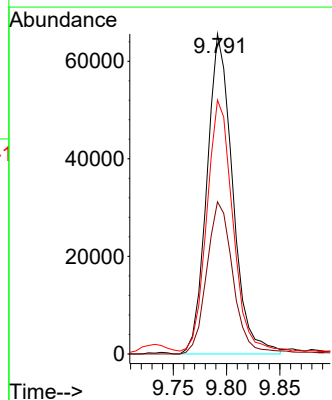
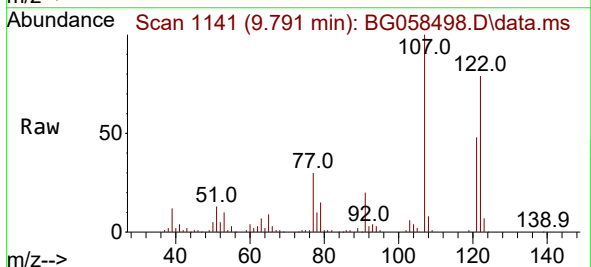
Instrument :
BNA_G
ClientSampleId :
SLCS055

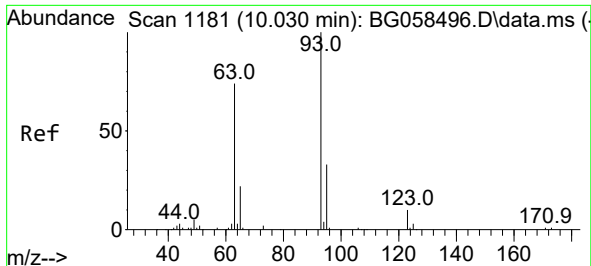
Tgt Ion:139 Resp: 56832
Ion Ratio Lower Upper
139 100
65 59.2 49.2 73.8
109 28.3 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 26.928 ng/ul
RT: 9.791 min Scan# 1141
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:107 Resp: 110258
Ion Ratio Lower Upper
107 100
121 47.5 39.1 58.7
122 79.4 68.9 103.3





#27

Bis(2-Chloroethoxy)methane

Concen: 28.866 ng/ul

RT: 10.026 min Scan# 1181

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

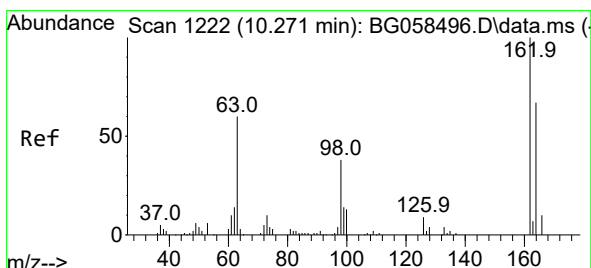
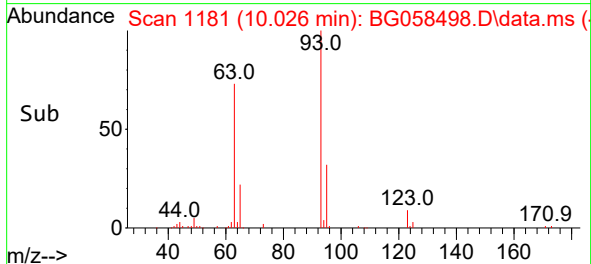
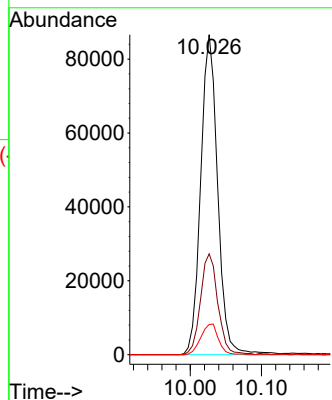
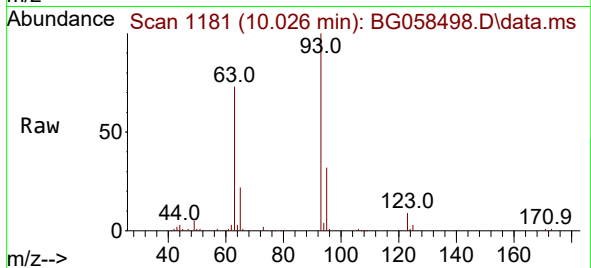
Tgt Ion: 93 Resp: 143934

Ion Ratio Lower Upper

93 100

95 31.5 25.8 38.8

123 9.4 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 30.645 ng/ul

RT: 10.267 min Scan# 1222

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

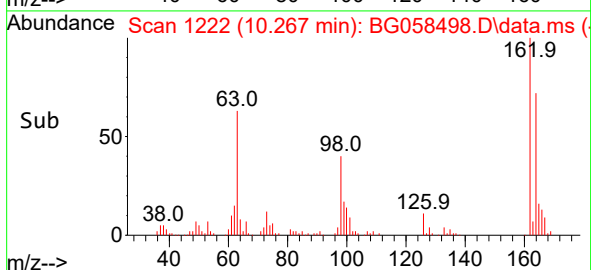
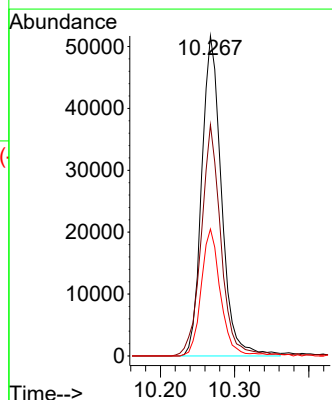
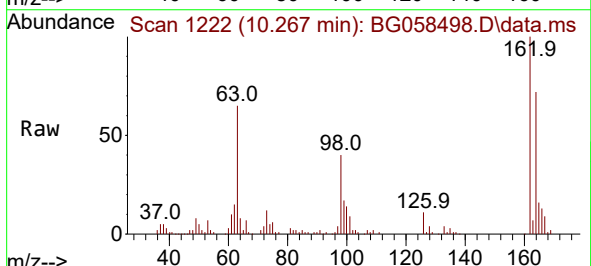
Tgt Ion:162 Resp: 95856

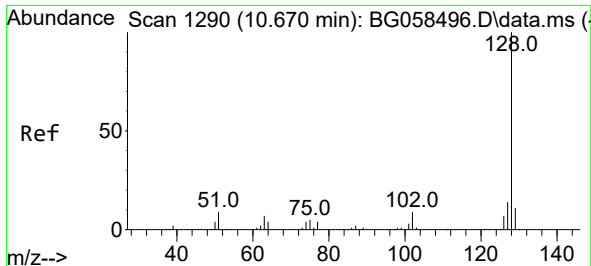
Ion Ratio Lower Upper

162 100

164 72.2 58.4 87.6

98 39.7 29.6 44.4

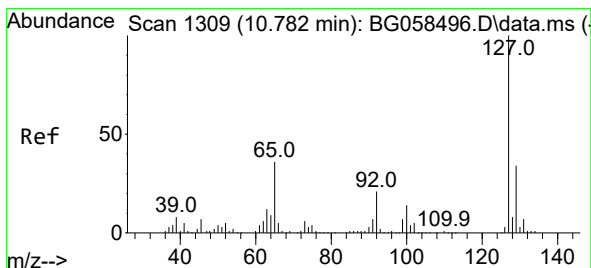
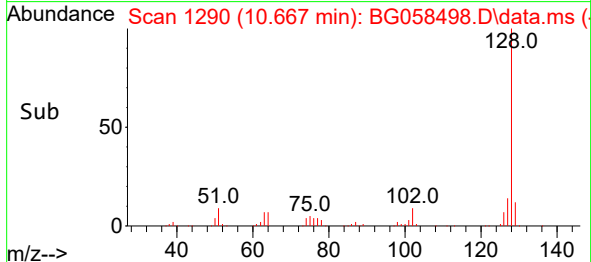
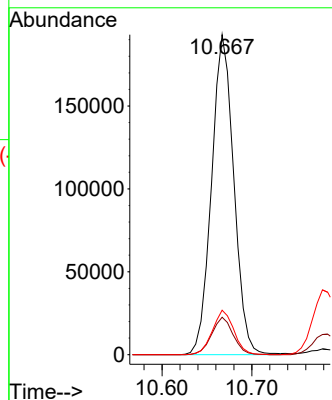
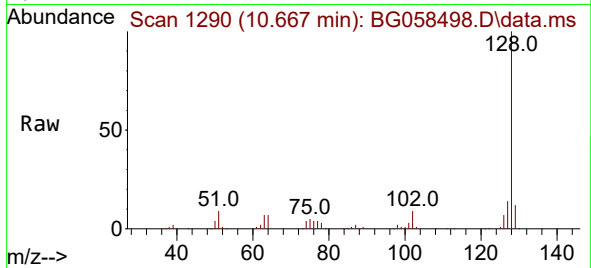




#30
Naphthalene
Concen: 29.600 ng/ul
RT: 10.667 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

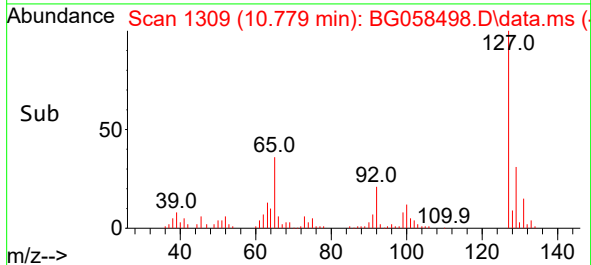
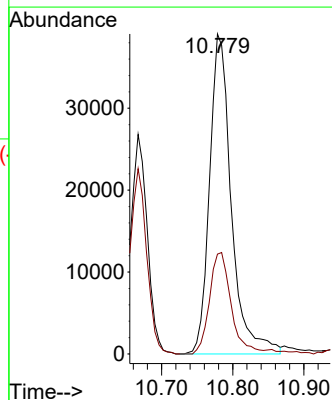
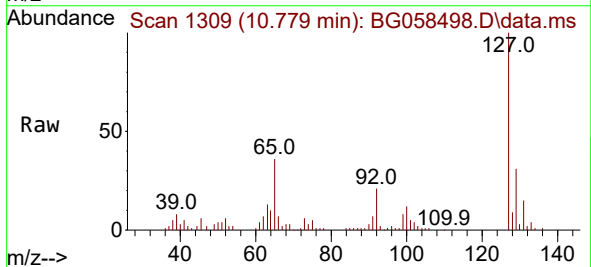
Instrument :
BNA_G
ClientSampleId :
SLCS055

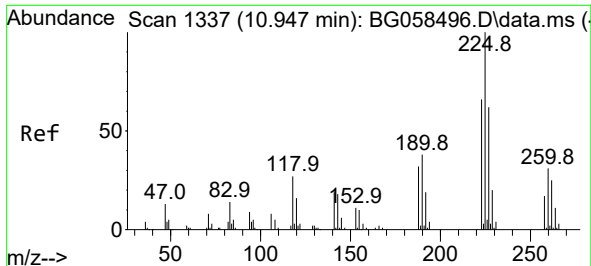
Tgt Ion:128 Resp: 332395
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.9 10.8 16.2



#32
4-Chloroaniline
Concen: 17.043 ng/ul
RT: 10.779 min Scan# 1309
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:127 Resp: 83221
Ion Ratio Lower Upper
127 100
129 31.2 26.1 39.1

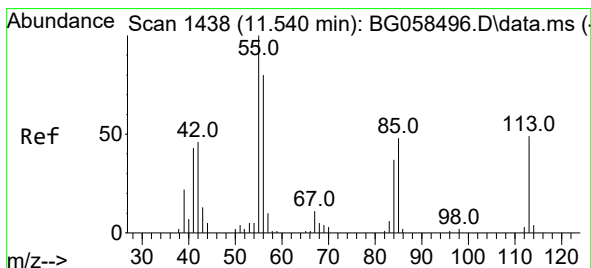
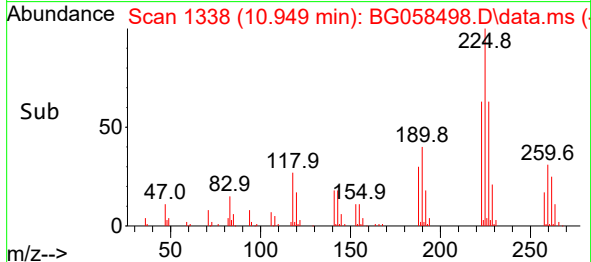
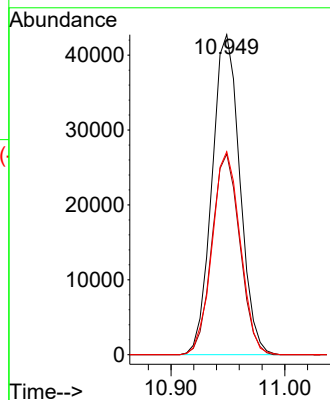
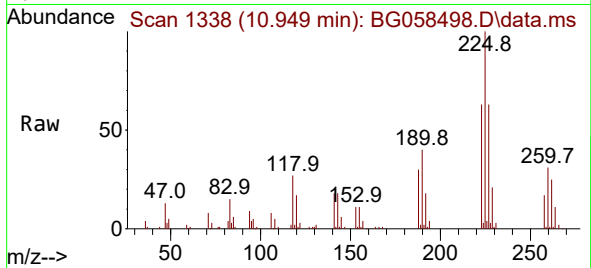




#33
Hexachlorobutadiene
Concen: 32.471 ng/ul
RT: 10.949 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

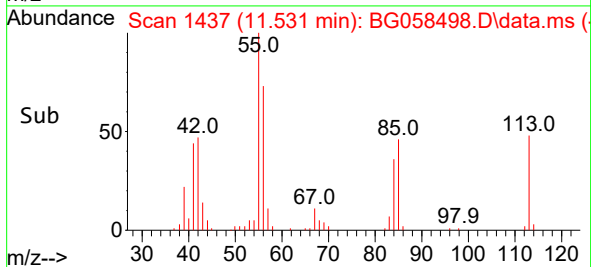
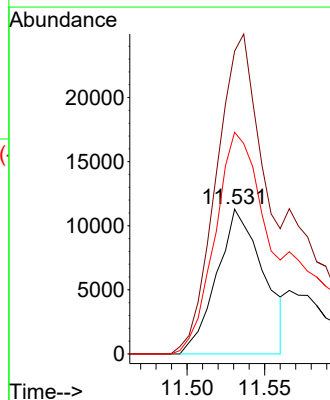
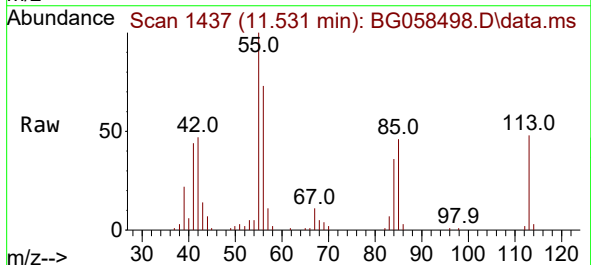
Instrument :
BNA_G
ClientSampleId :
SLCS055

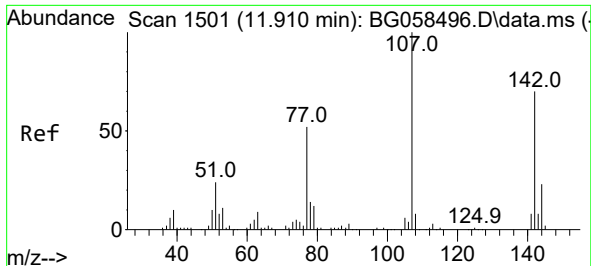
Tgt Ion:225 Resp: 72626
Ion Ratio Lower Upper
225 100
223 62.7 49.7 74.5
227 66.8 53.2 79.8



#34
Caprolactam
Concen: 18.106 ng/ul
RT: 11.531 min Scan# 1437
Delta R.T. -0.036 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:113 Resp: 23523
Ion Ratio Lower Upper
113 100
55 209.1 179.8 269.6
56 153.2 132.2 198.4

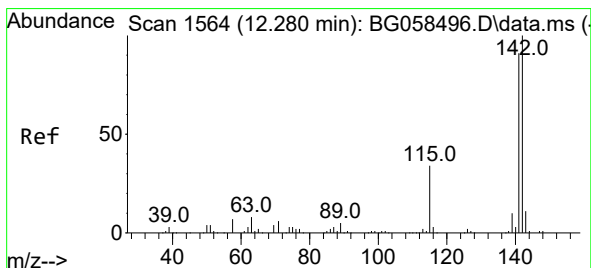
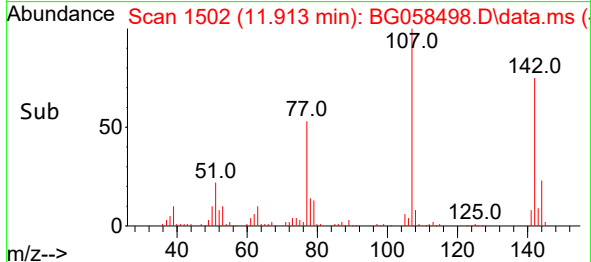
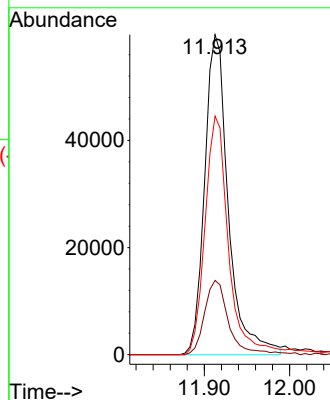
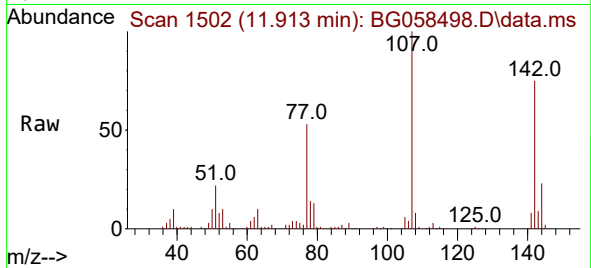




#35
4-Chloro-3-methylphenol
Concen: 28.967 ng/ul
RT: 11.913 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

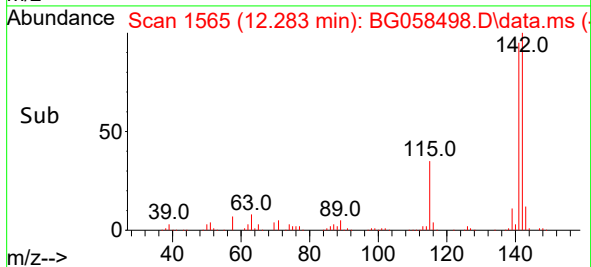
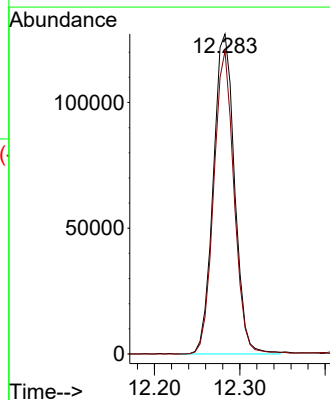
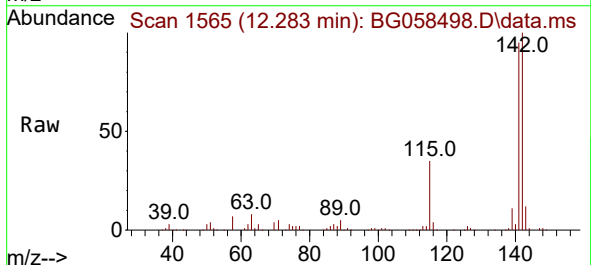
Instrument :
BNA_G
ClientSampleId :
SLCS055

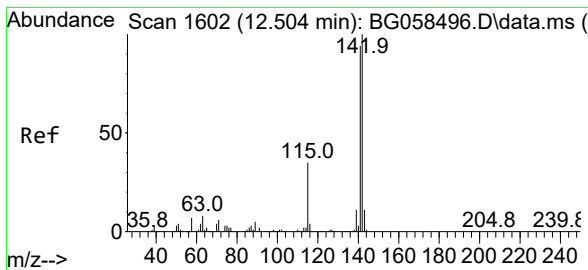
Tgt Ion:107 Resp: 115311
Ion Ratio Lower Upper
107 100
144 23.2 19.0 28.6
142 74.5 55.8 83.6



#36
2-Methylnaphthalene
Concen: 29.268 ng/ul
RT: 12.283 min Scan# 1565
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:142 Resp: 220198
Ion Ratio Lower Upper
142 100
141 94.7 72.6 108.8





#37

1-Methylnaphthalene

Concen: 29.428 ng/ul

RT: 12.500 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

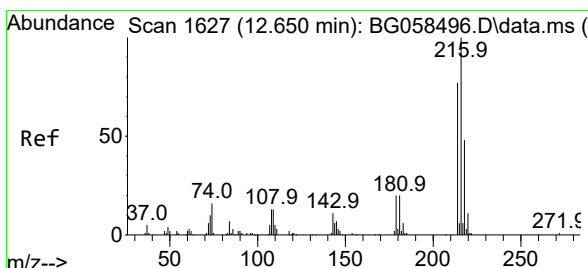
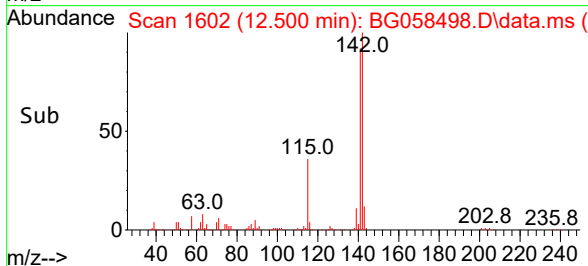
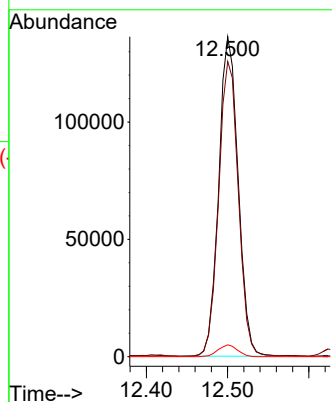
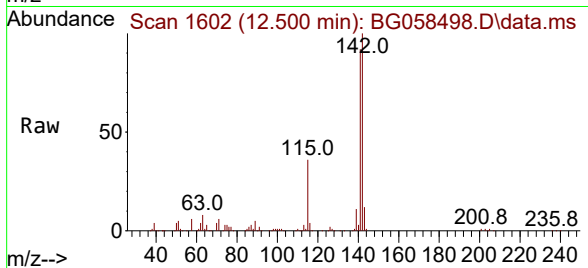
Tgt Ion:142 Resp: 226915

Ion Ratio Lower Upper

142 100

141 92.3 75.8 113.6

116 3.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.947 ng/ul

RT: 12.653 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Tgt Ion:216 Resp: 134184

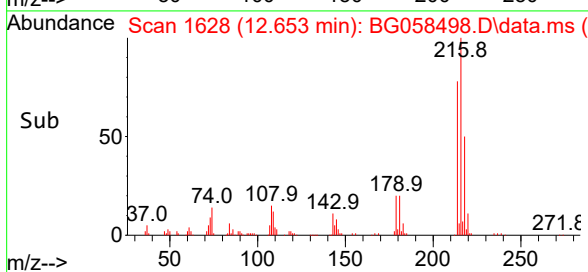
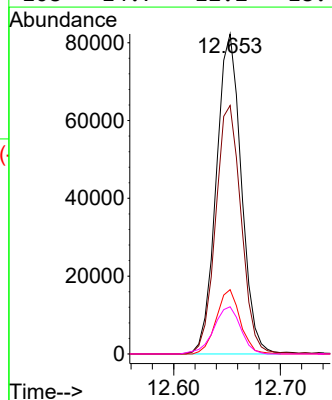
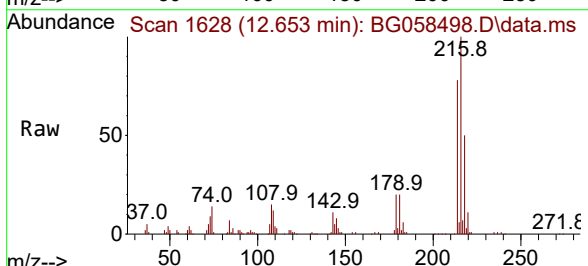
Ion Ratio Lower Upper

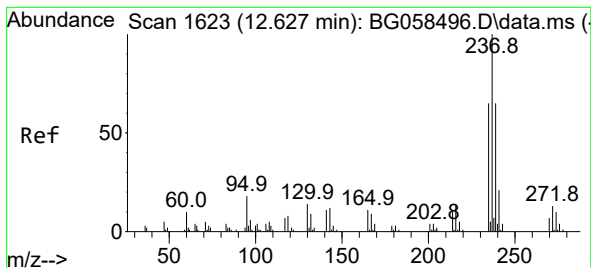
216 100

214 77.7 62.2 93.4

179 20.1 16.2 24.2

108 14.7 12.2 18.4





#40

Hexachlorocyclopentadiene

Concen: 18.580 ng/ul

RT: 12.629 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

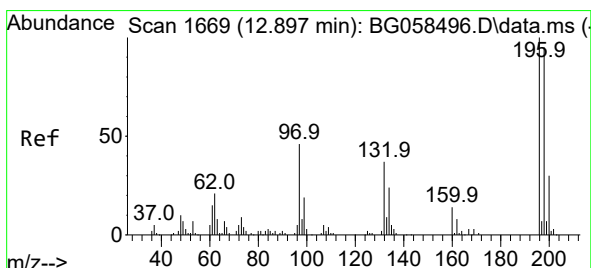
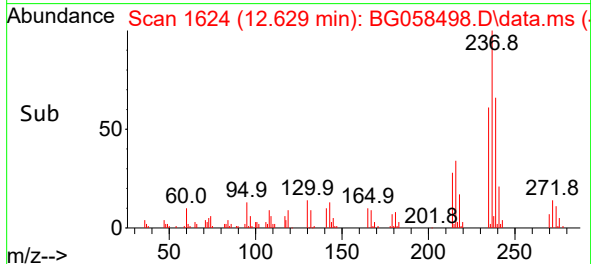
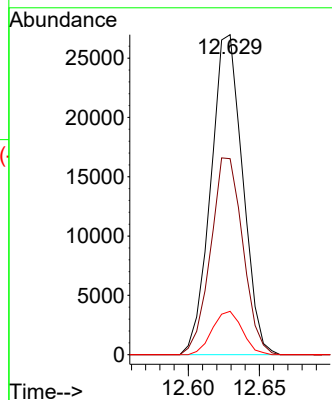
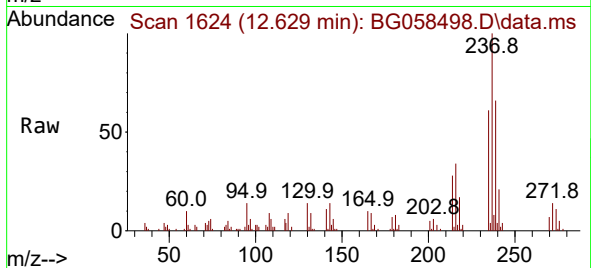
Tgt Ion:237 Resp: 41974

Ion Ratio Lower Upper

237 100

235 61.2 50.9 76.3

272 13.5 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 27.411 ng/ul

RT: 12.894 min Scan# 1669

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

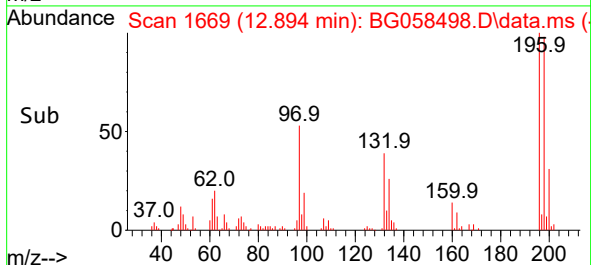
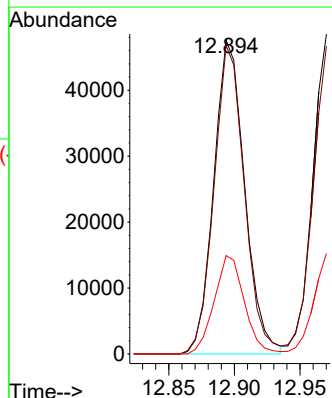
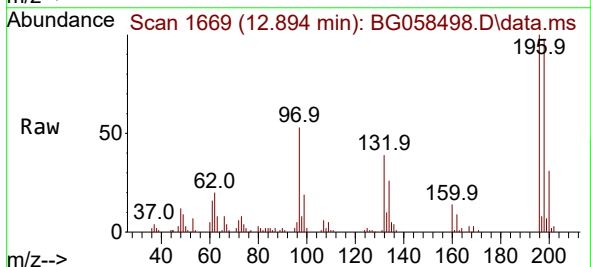
Tgt Ion:196 Resp: 77938

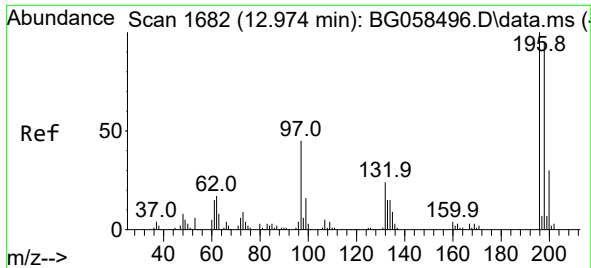
Ion Ratio Lower Upper

196 100

198 98.3 77.7 116.5

200 31.3 25.0 37.6

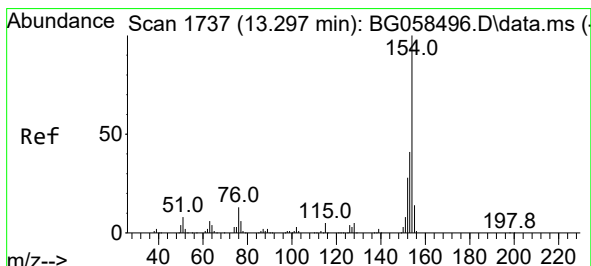
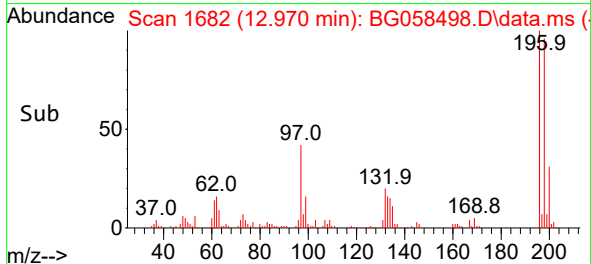
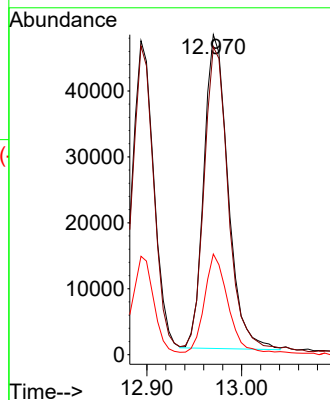
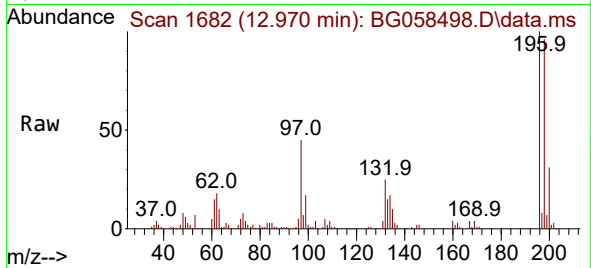




#42
2,4,5-Trichlorophenol
Concen: 27.852 ng/ul
RT: 12.970 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

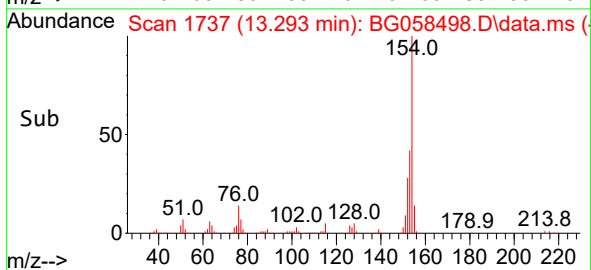
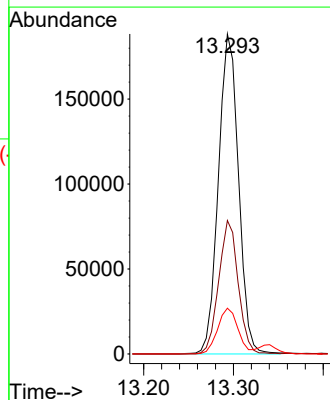
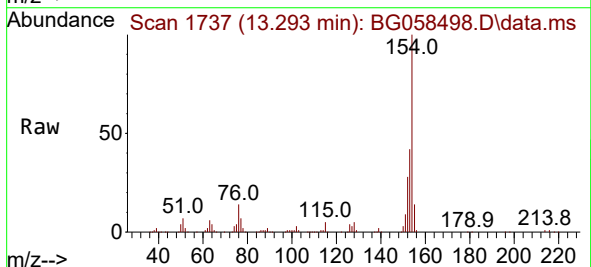
Instrument :
BNA_G
ClientSampleId :
SLCS055

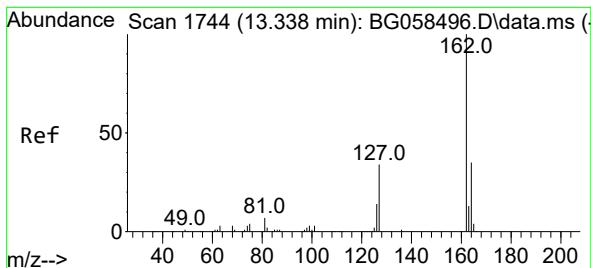
Tgt Ion:196 Resp: 84447
Ion Ratio Lower Upper
196 100
198 96.2 74.8 112.2
200 31.5 24.4 36.6



#43
1,1'-Biphenyl
Concen: 29.872 ng/ul
RT: 13.293 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:154 Resp: 293080
Ion Ratio Lower Upper
154 100
153 41.7 31.8 47.6
76 14.3 11.7 17.5





#44

2-Chloronaphthalene

Concen: 30.909 ng/ul

RT: 13.340 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

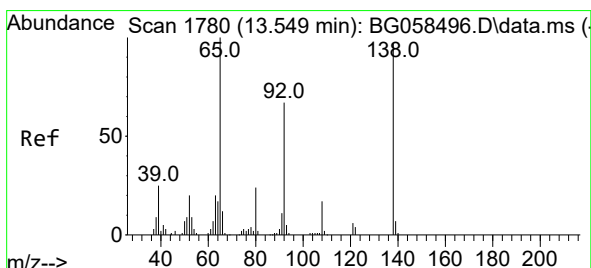
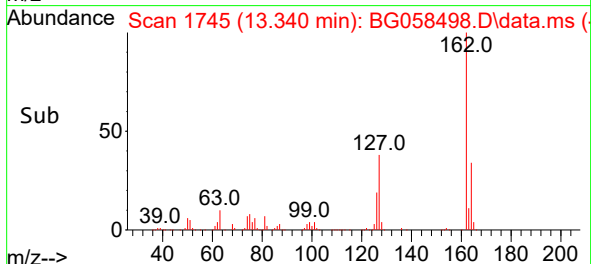
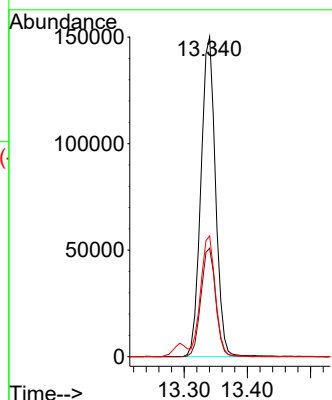
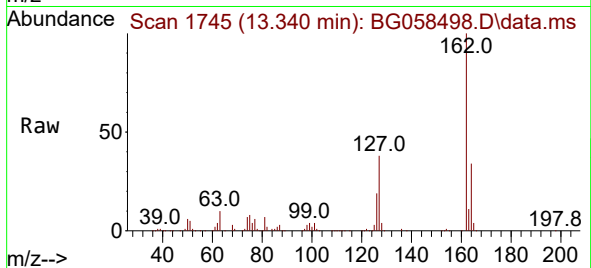
Tgt Ion:162 Resp: 241112

Ion Ratio Lower Upper

162 100

164 33.9 26.2 39.2

127 37.8 29.8 44.6



#45

2-Nitroaniline

Concen: 31.109 ng/ul

RT: 13.546 min Scan# 1780

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

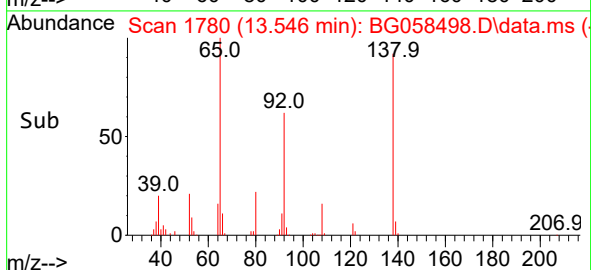
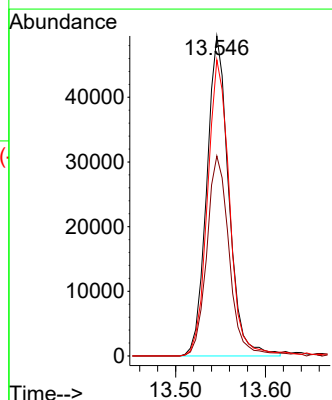
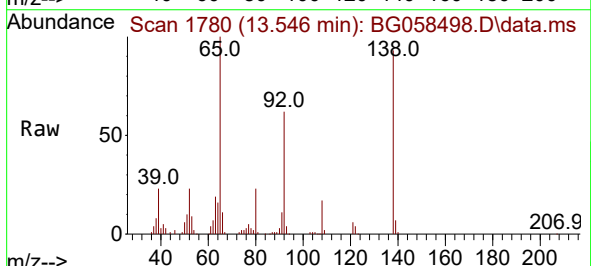
Tgt Ion: 65 Resp: 84294

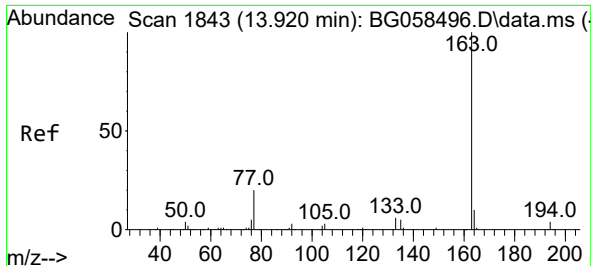
Ion Ratio Lower Upper

65 100

92 62.5 51.4 77.2

138 92.5 71.6 107.4





#47

Dimethylphthalate

Concen: 27.958 ng/ul

RT: 13.916 min Scan# 1843

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

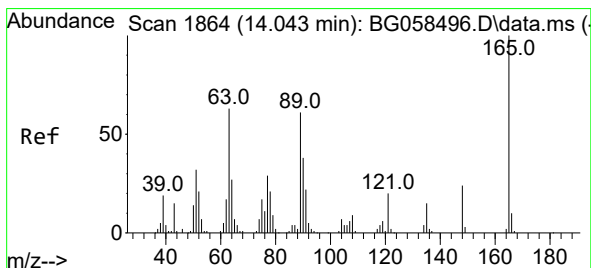
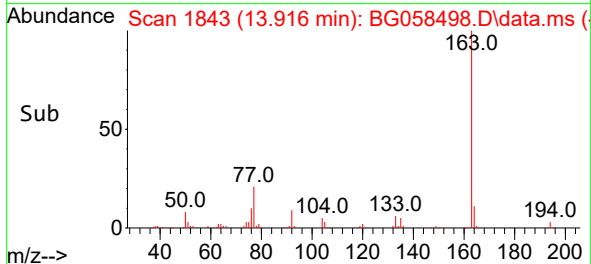
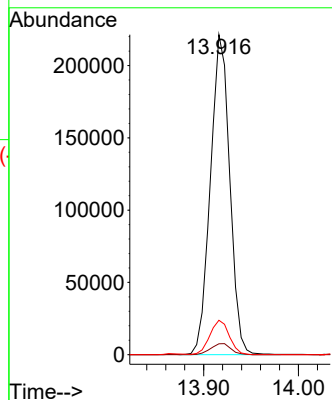
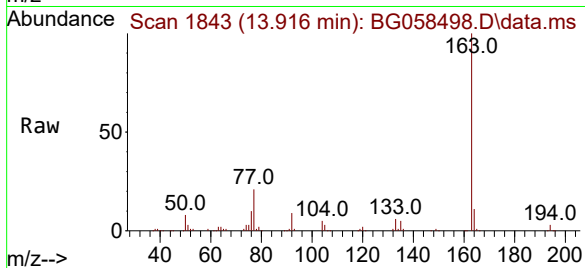
Tgt Ion:163 Resp: 314209

Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

164 10.8 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 31.684 ng/ul

RT: 14.045 min Scan# 1865

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

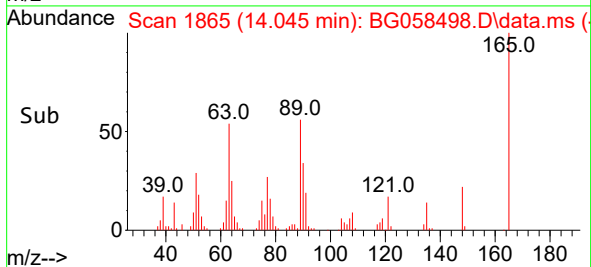
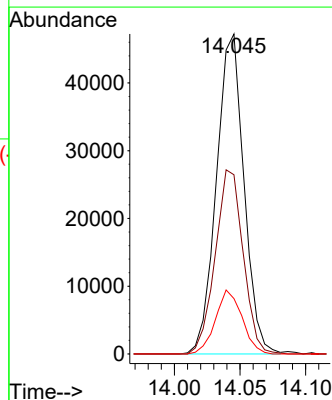
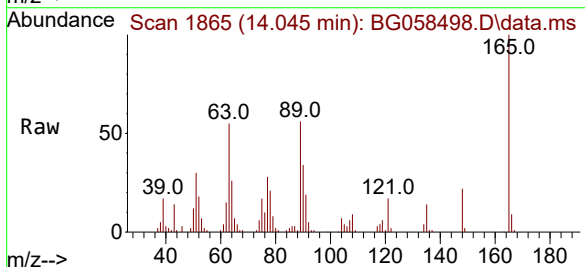
Tgt Ion:165 Resp: 68808

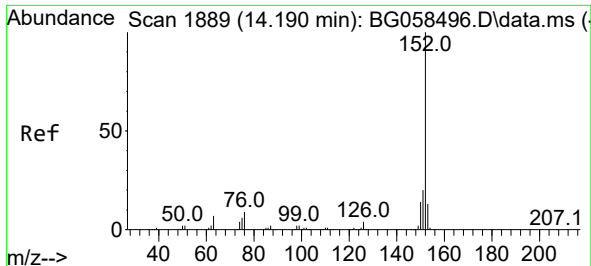
Ion Ratio Lower Upper

165 100

89 56.0 48.9 73.3

121 17.3 16.2 24.4

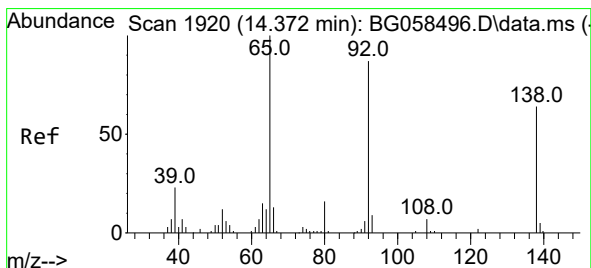
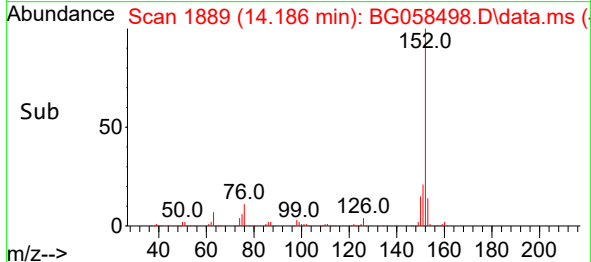
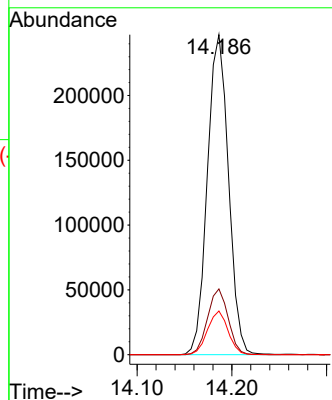
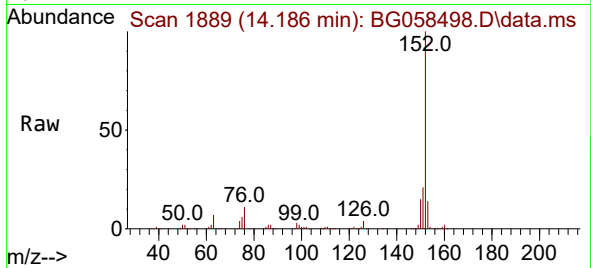




#50
Acenaphthylene
Concen: 30.136 ng/ul
RT: 14.186 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

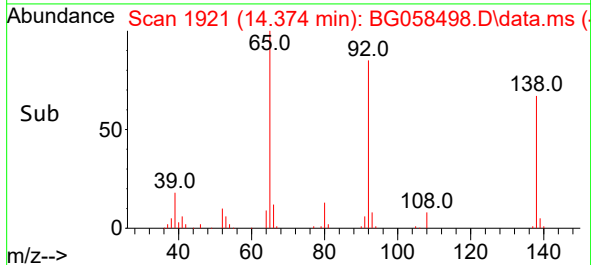
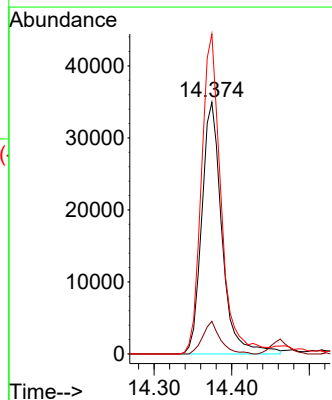
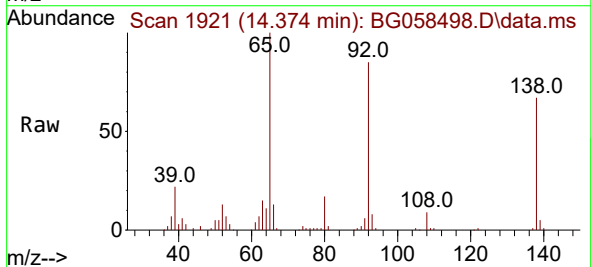
Instrument :
BNA_G
ClientSampleId :
SLCS055

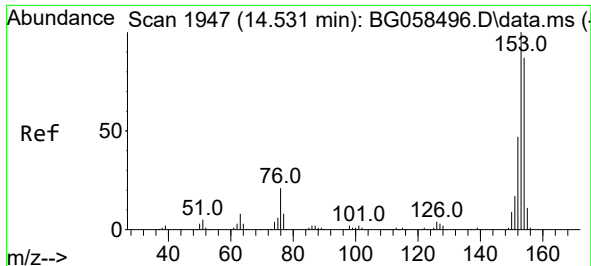
Tgt Ion:152 Resp: 381422
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.6 10.6 16.0



#51
3-Nitroaniline
Concen: 34.922 ng/ul
RT: 14.374 min Scan# 1921
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:138 Resp: 63203
Ion Ratio Lower Upper
138 100
108 13.0 8.6 13.0#
92 127.1 108.4 162.6

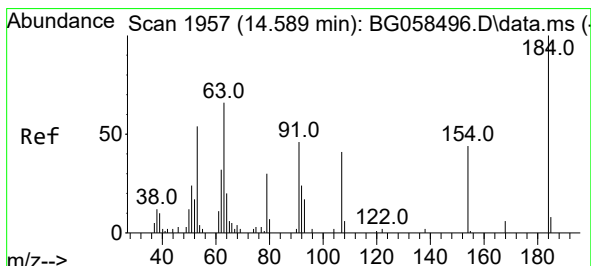
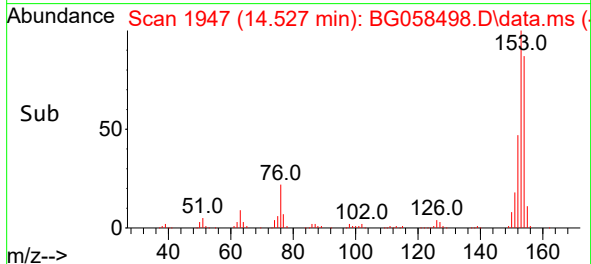
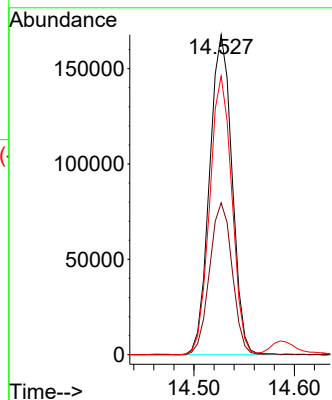
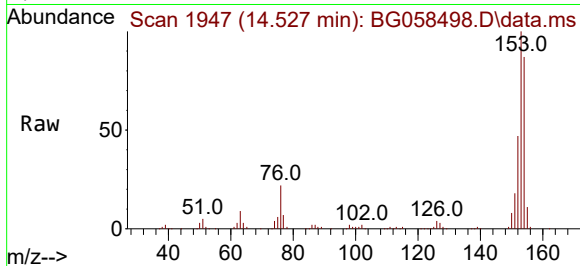




#52
Acenaphthene
Concen: 29.783 ng/ul
RT: 14.527 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

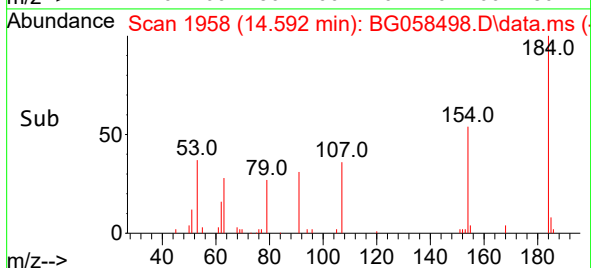
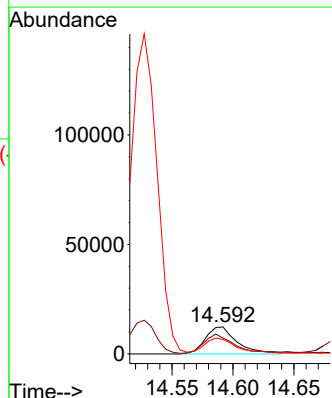
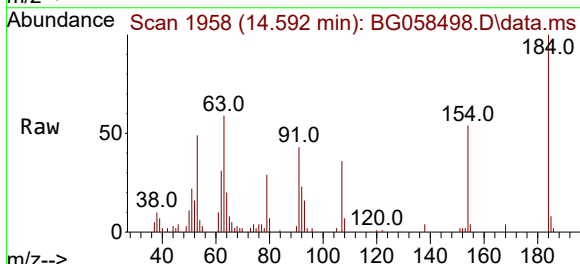
Instrument :
BNA_G
ClientSampleId :
SLCS055

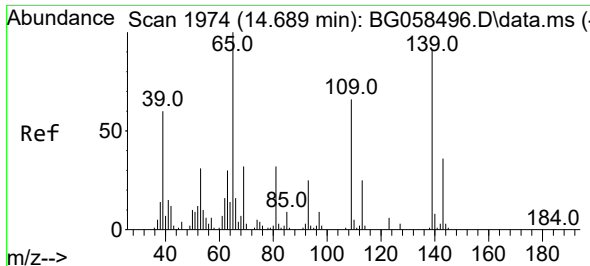
Tgt Ion:153 Resp: 261715
Ion Ratio Lower Upper
153 100
152 47.4 39.1 58.7
154 87.1 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 19.413 ng/ul
RT: 14.592 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:184 Resp: 22438
Ion Ratio Lower Upper
184 100
63 59.4 52.9 79.3
154 54.1 47.8 71.8

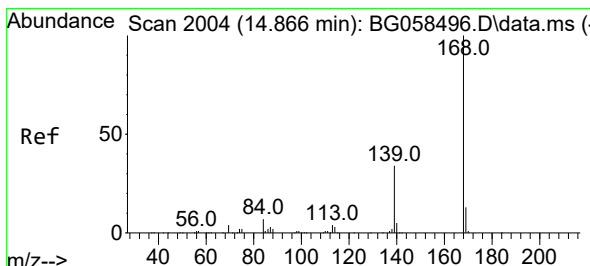
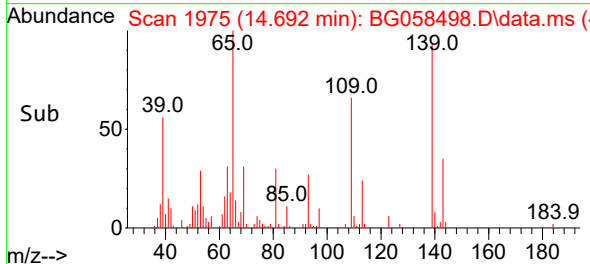
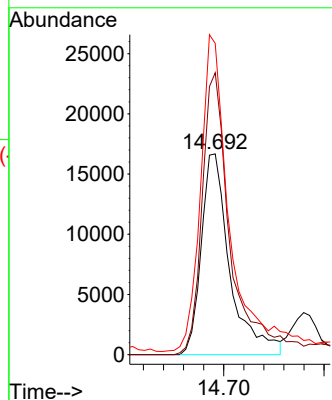
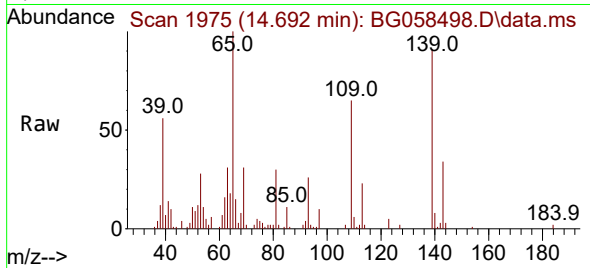




#55
4-Nitrophenol
Concen: 25.484 ng/ul
RT: 14.692 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

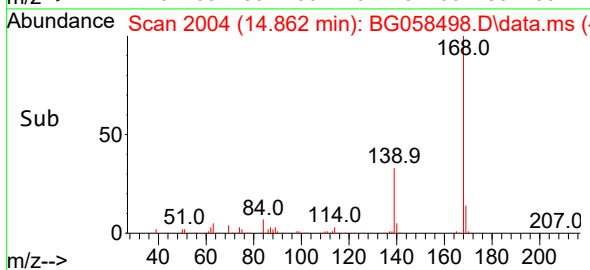
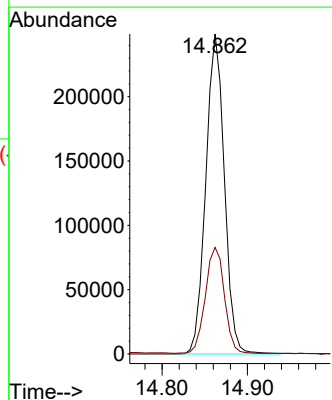
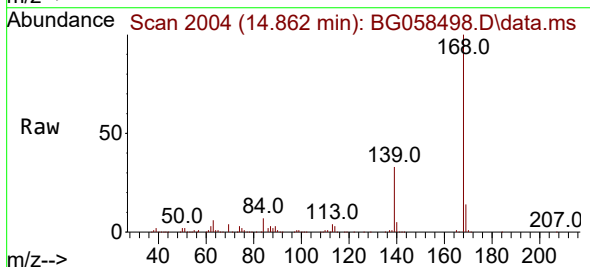
Instrument :
BNA_G
ClientSampleId :
SLCS055

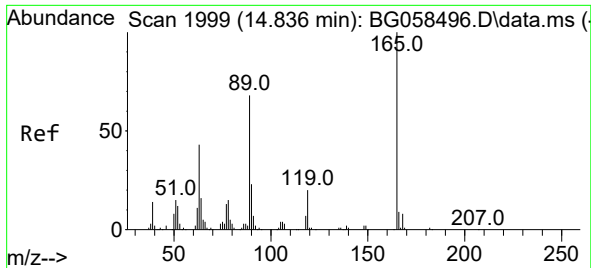
Tgt Ion:109 Resp: 33163
Ion Ratio Lower Upper
109 100
139 140.4 100.3 150.5
65 155.0 120.6 180.8



#56
Dibenzofuran
Concen: 30.104 ng/ul
RT: 14.862 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:168 Resp: 376677
Ion Ratio Lower Upper
168 100
139 33.3 27.8 41.8

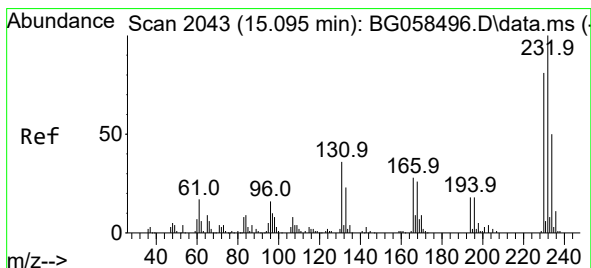
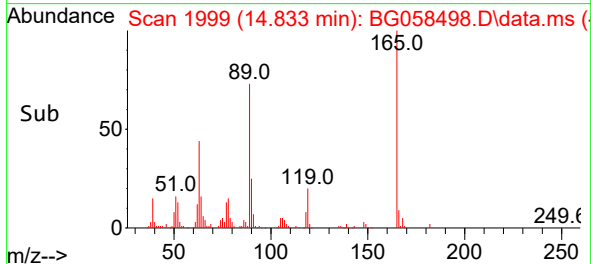
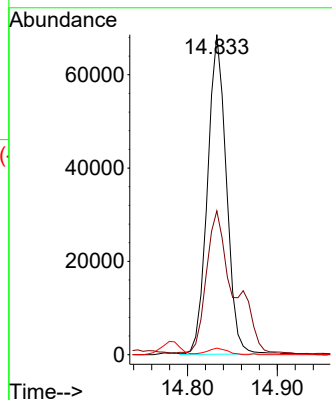
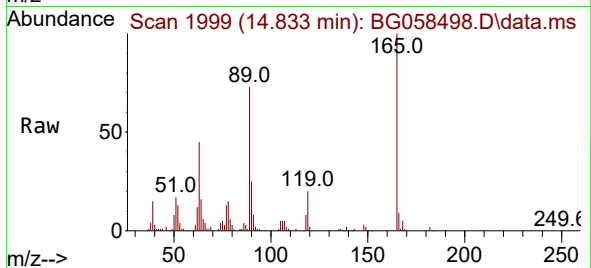




#57
2,4-Dinitrotoluene
Concen: 31.843 ng/ul
RT: 14.833 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

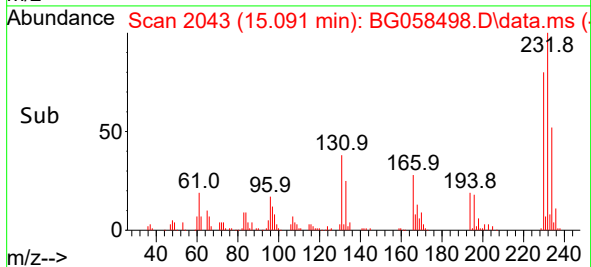
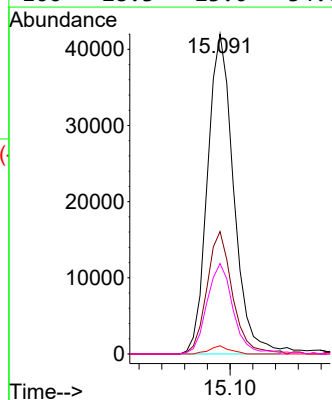
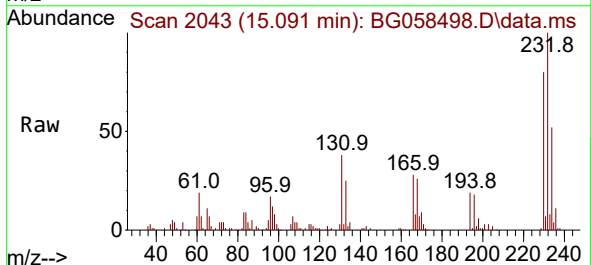
Instrument :
BNA_G
ClientSampleId :
SLCS055

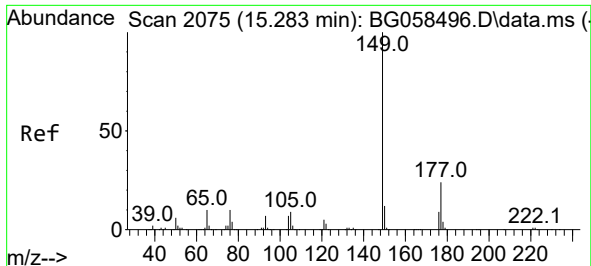
Tgt Ion:165 Resp: 99741
Ion Ratio Lower Upper
165 100
63 44.9 33.8 50.6
182 2.1 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.939 ng/ul
RT: 15.091 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:232 Resp: 67058
Ion Ratio Lower Upper
232 100
131 38.3 29.0 43.6
130 2.5 1.1 1.7#
166 28.3 23.0 34.6

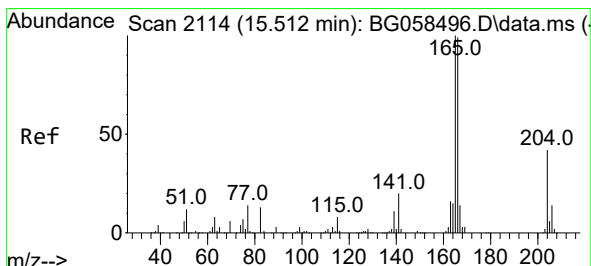
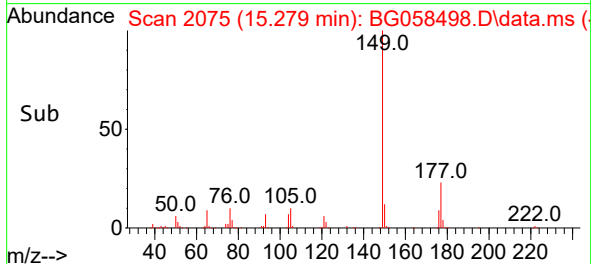
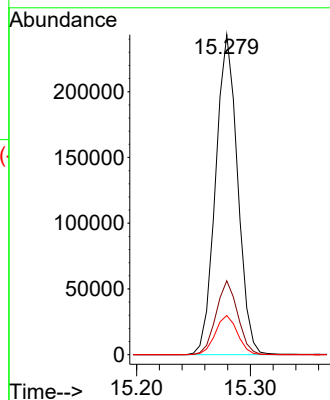
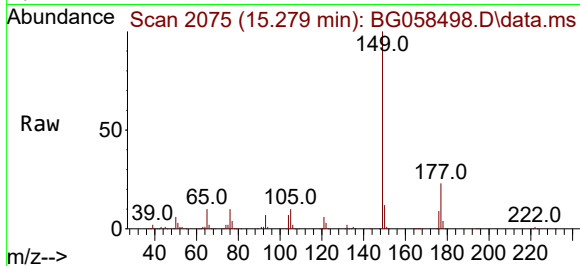




#59
Diethylphthalate
Concen: 28.300 ng/ul
RT: 15.279 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

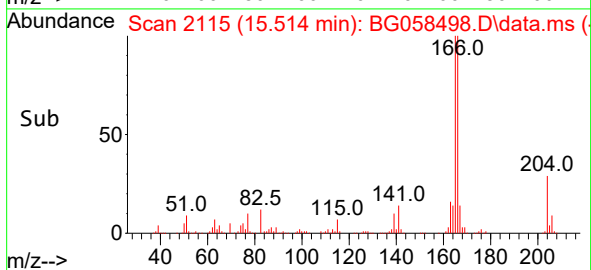
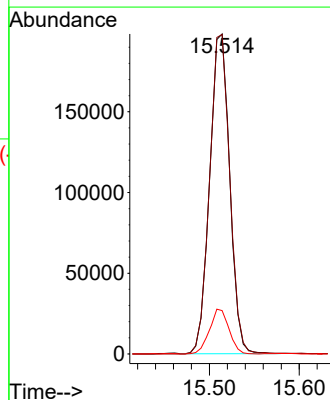
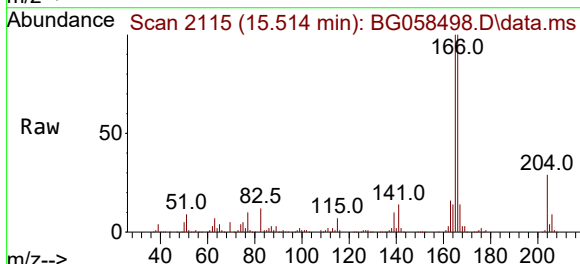
Instrument :
BNA_G
ClientSampleId :
SLCS055

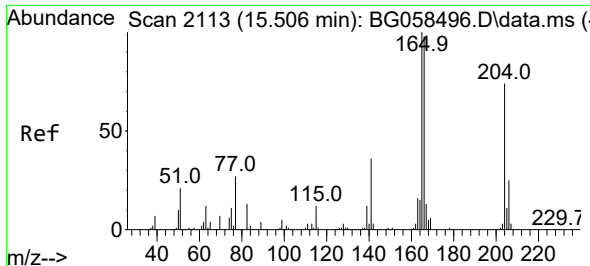
Tgt Ion:149 Resp: 327653
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.2 10.0 15.0



#61
Fluorene
Concen: 29.882 ng/ul
RT: 15.514 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:166 Resp: 306622
Ion Ratio Lower Upper
166 100
165 99.8 80.2 120.2
167 13.6 10.5 15.7





#62

4-Chlorophenyl-phenylether

Concen: 30.285 ng/ul

RT: 15.502 min Scan# 2113

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

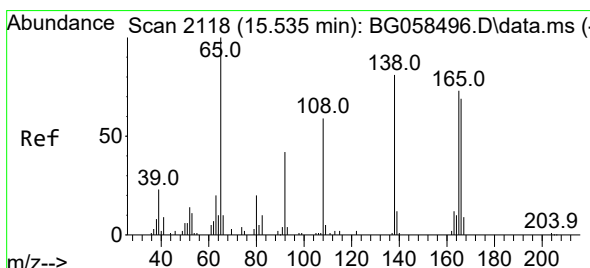
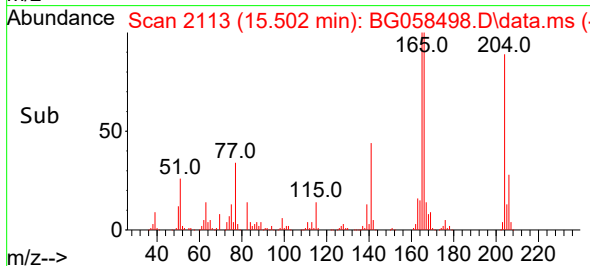
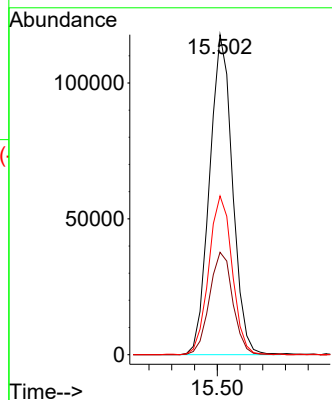
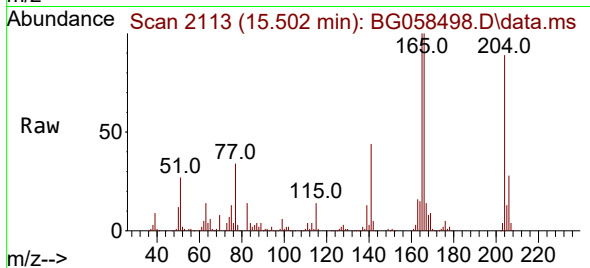
Tgt Ion:204 Resp: 164974

Ion Ratio Lower Upper

204 100

206 32.0 26.0 39.0

141 49.6 42.2 63.2



#63

4-Nitroaniline

Concen: 38.512 ng/ul

RT: 15.538 min Scan# 2119

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

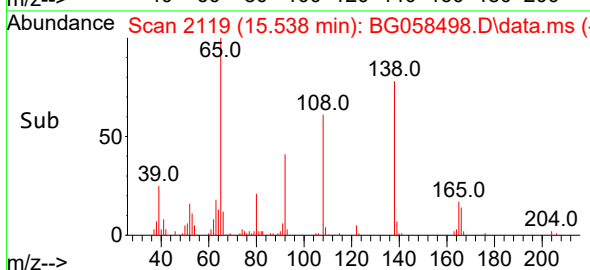
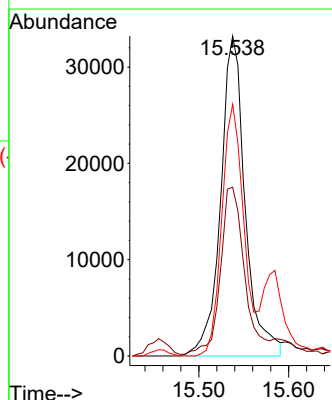
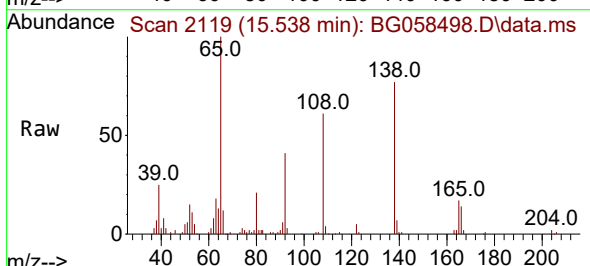
Tgt Ion:138 Resp: 63068

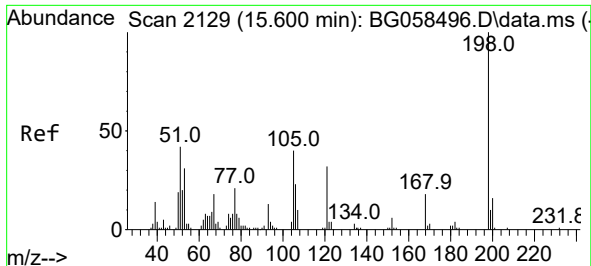
Ion Ratio Lower Upper

138 100

92 52.8 45.0 67.4

108 78.7 60.8 91.2

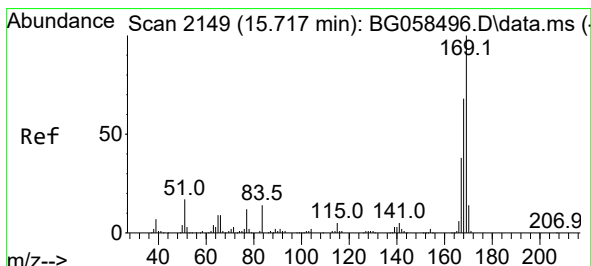
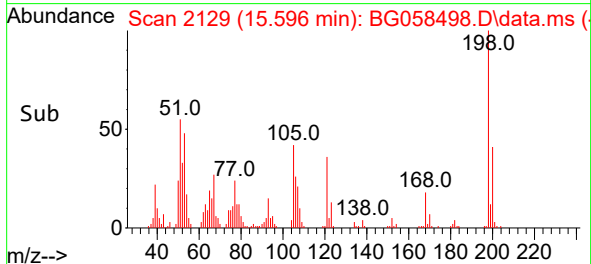
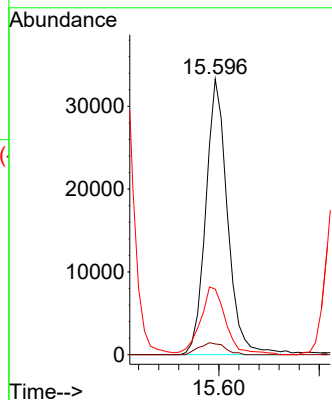
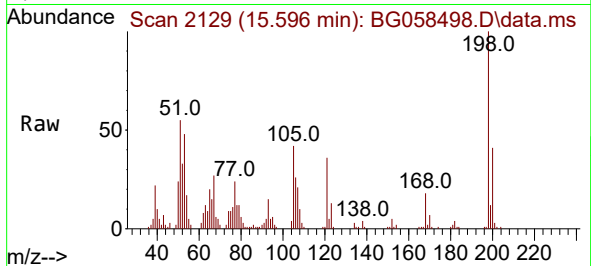




#66
4,6-Dinitro-2-methylphenol
Concen: 27.251 ng/ul
RT: 15.596 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

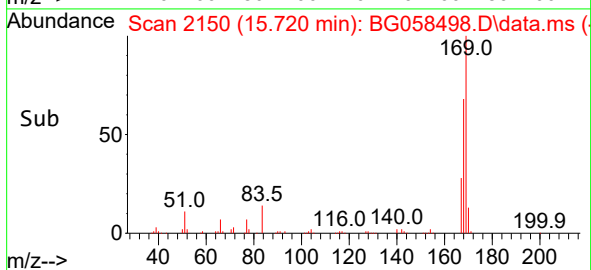
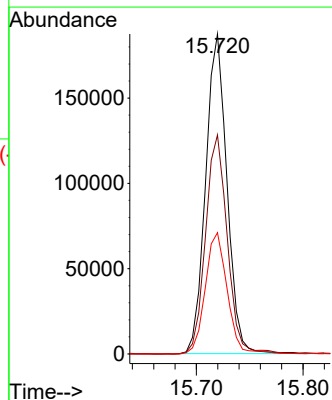
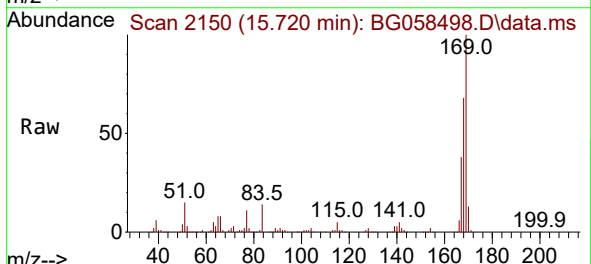
Instrument :
BNA_G
ClientSampleId :
SLCS055

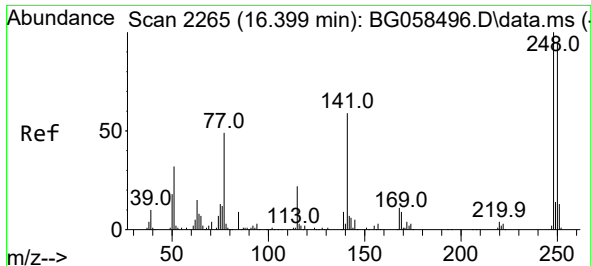
Tgt Ion:198 Resp: 50129
Ion Ratio Lower Upper
198 100
182 3.9 3.4 5.2
77 23.8 18.4 27.6



#67
N-Nitrosodiphenylamine
Concen: 29.890 ng/ul
RT: 15.720 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:169 Resp: 260017
Ion Ratio Lower Upper
169 100
168 68.4 55.7 83.5
167 37.9 31.2 46.8

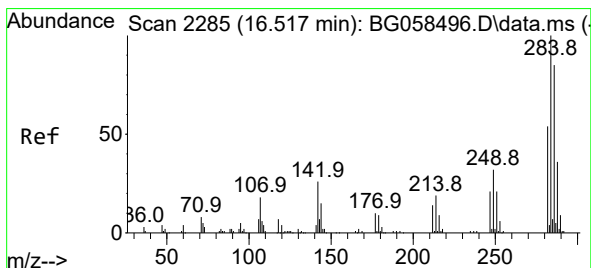
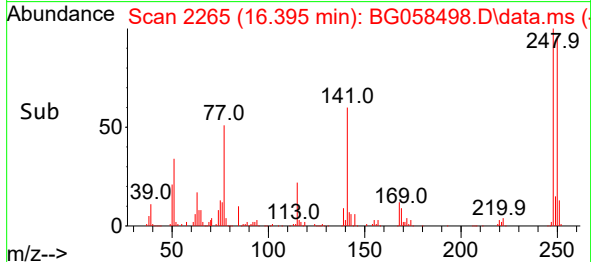
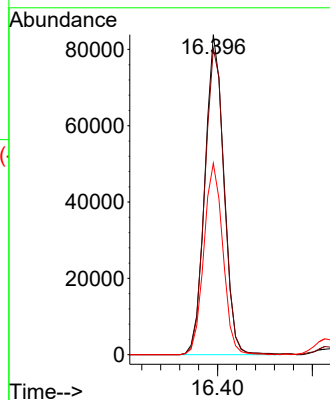
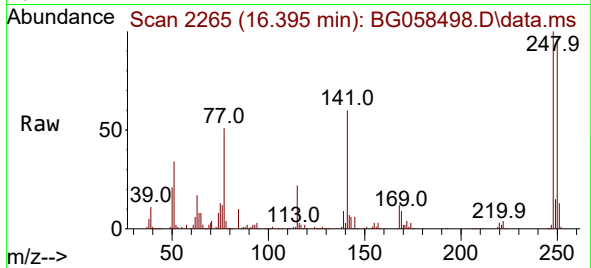




#68
4-Bromophenyl-phenylether
Concen: 31.388 ng/ul
RT: 16.395 min Scan# 216
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

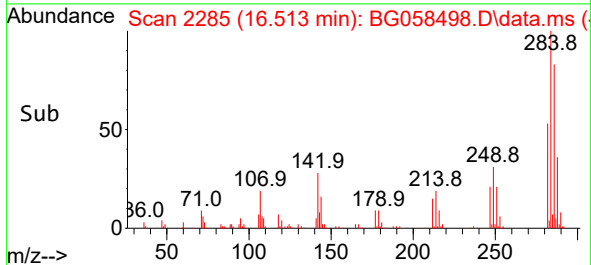
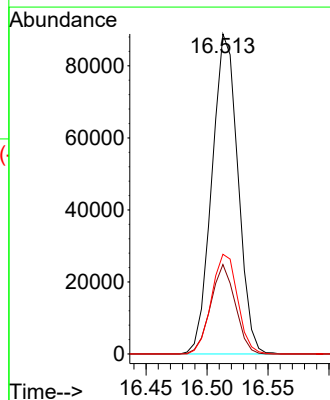
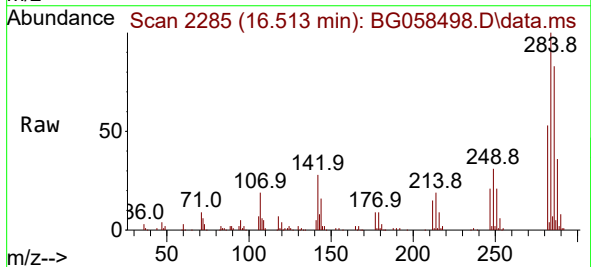
Instrument :
BNA_G
ClientSampleId :
SLCS055

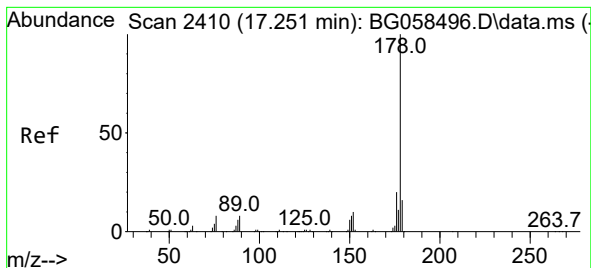
Tgt Ion:248 Resp: 116672
Ion Ratio Lower Upper
248 100
250 95.7 73.8 110.6
141 59.8 48.2 72.2



#69
Hexachlorobenzene
Concen: 31.488 ng/ul
RT: 16.513 min Scan# 2285
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:284 Resp: 132069
Ion Ratio Lower Upper
284 100
142 27.9 20.5 30.7
249 31.1 25.2 37.8





#72

Phenanthrene

Concen: 30.355 ng/ul

RT: 17.247 min Scan# 2410

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

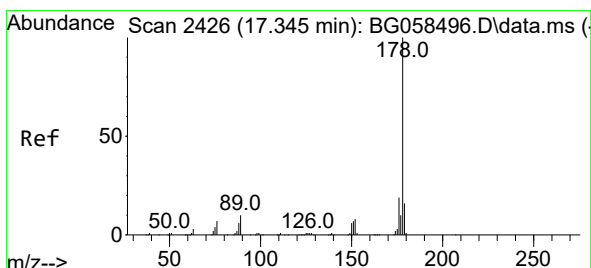
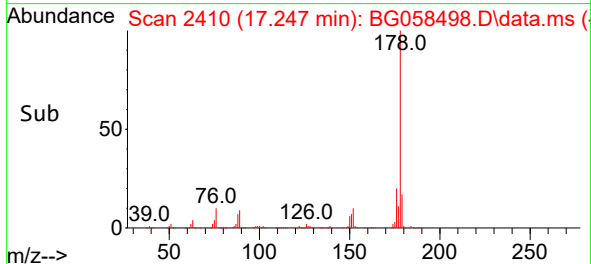
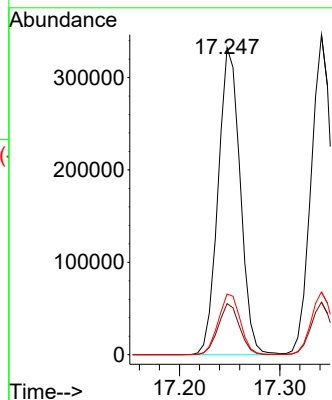
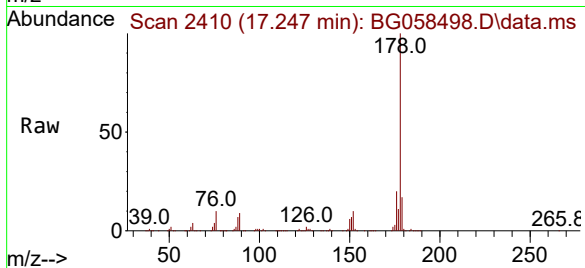
Tgt Ion:178 Resp: 506235

Ion Ratio Lower Upper

178 100

179 16.6 11.9 17.9

176 19.8 15.8 23.8



#74

Anthracene

Concen: 29.882 ng/ul

RT: 17.341 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

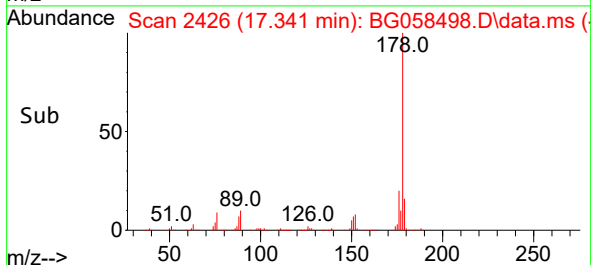
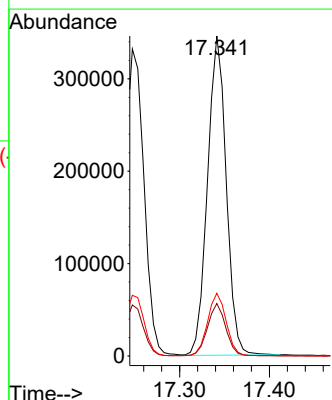
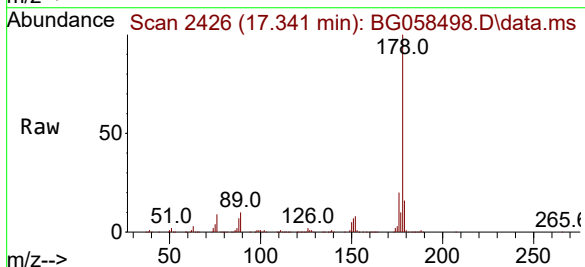
Tgt Ion:178 Resp: 500298

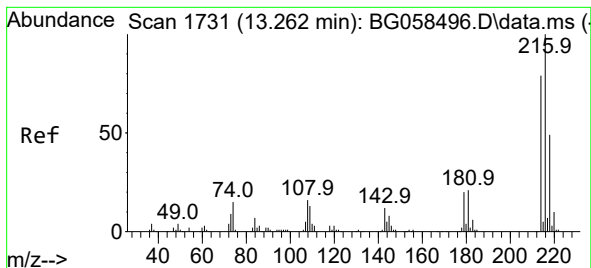
Ion Ratio Lower Upper

178 100

179 16.4 13.4 20.2

176 19.6 16.2 24.2

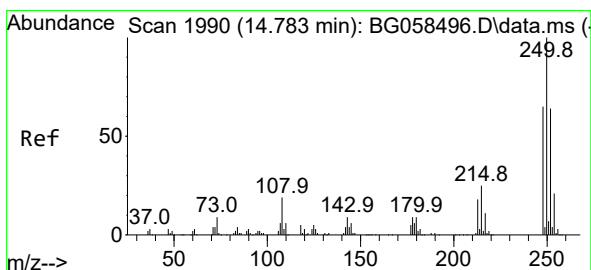
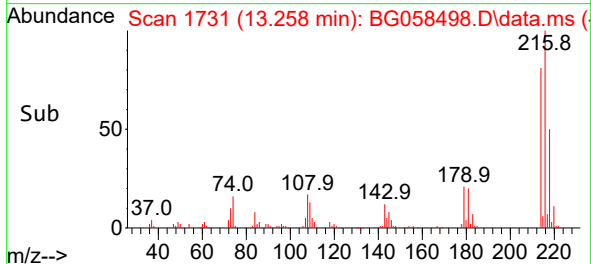
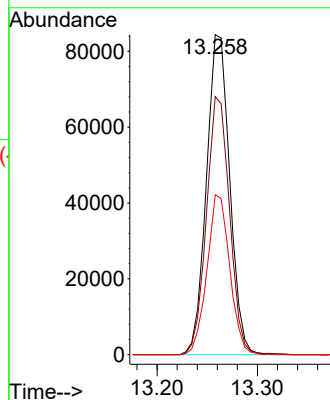
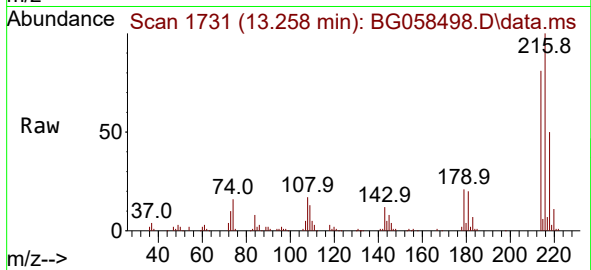




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.022 ng/uL
RT: 13.258 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

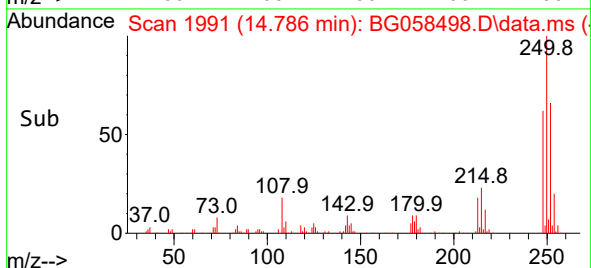
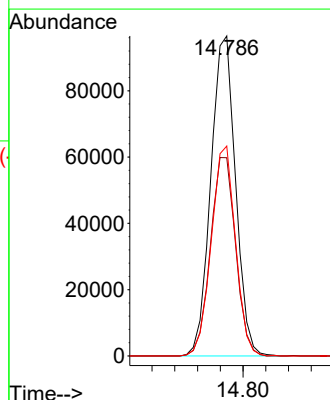
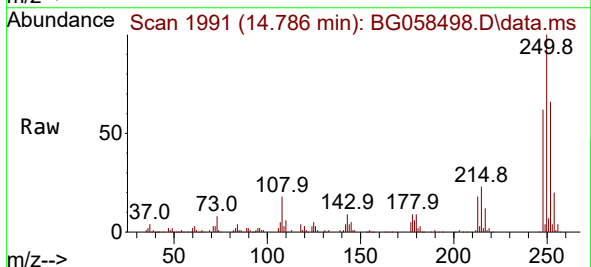
Instrument :
BNA_G
ClientSampleId :
SLCS055

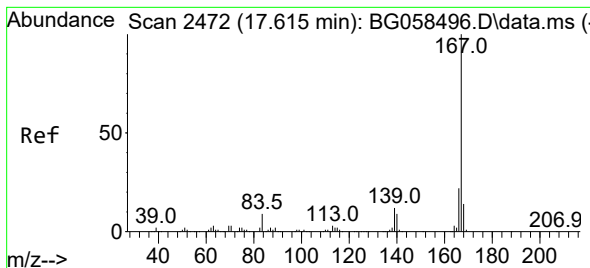
Tgt Ion:216 Resp: 136555
Ion Ratio Lower Upper
216 100
214 80.7 62.2 93.4
218 49.9 40.9 61.3



#76
Pentachlorobenzene
Concen: 30.277 ng/uL
RT: 14.786 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:250 Resp: 145742
Ion Ratio Lower Upper
250 100
248 62.0 51.6 77.4
252 65.6 54.4 81.6





#77

Carbazole

Concen: 31.727 ng/ul

RT: 17.612 min Scan# 2472

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

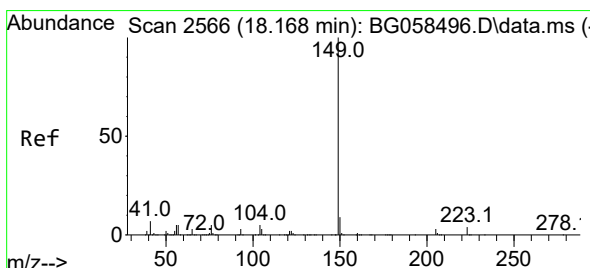
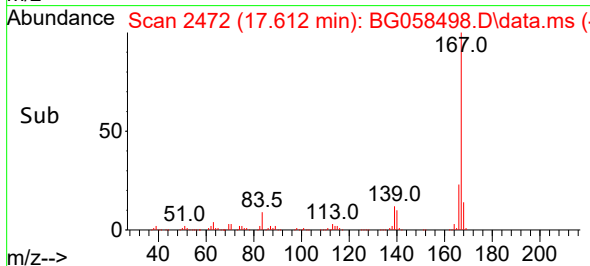
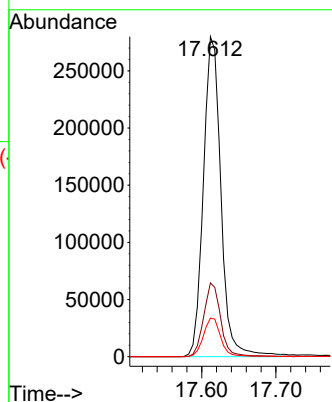
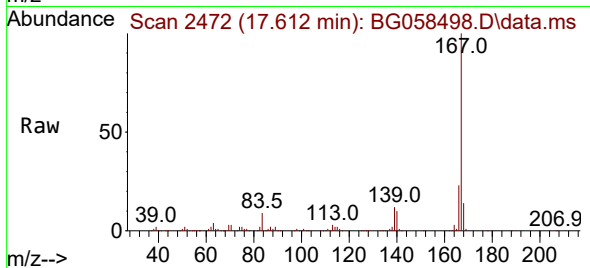
Tgt Ion:167 Resp: 460452

Ion Ratio Lower Upper

167 100

166 23.1 17.8 26.8

139 12.0 9.4 14.0



#78

Di-n-butylphthalate

Concen: 32.060 ng/ul

RT: 18.164 min Scan# 2566

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

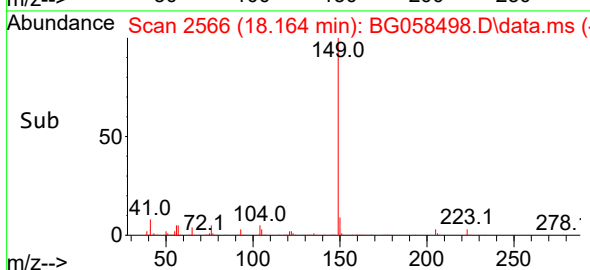
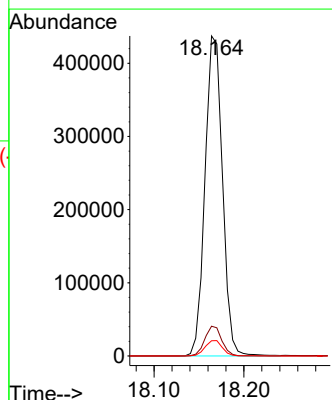
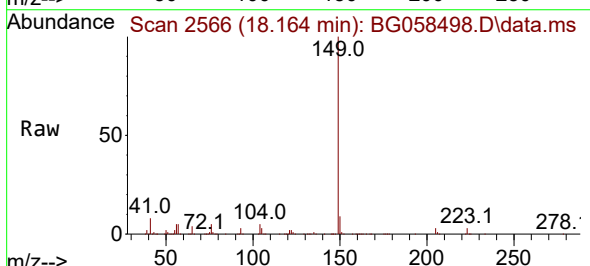
Tgt Ion:149 Resp: 591245

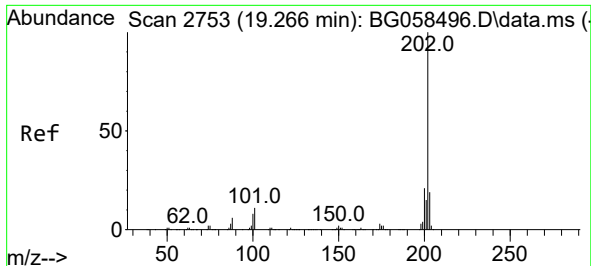
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 4.8 3.9 5.9

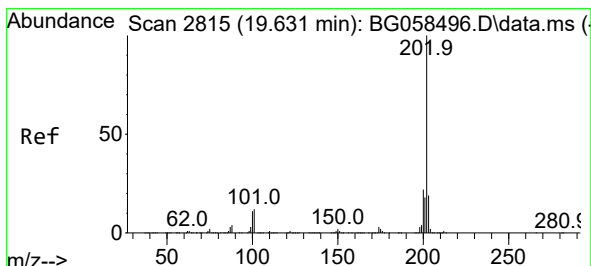
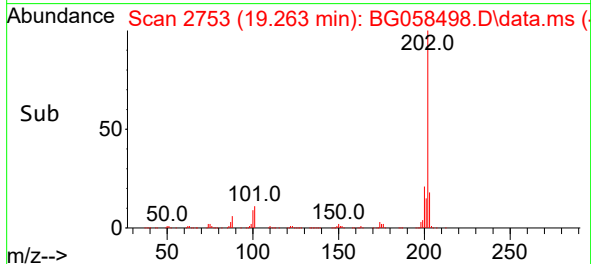
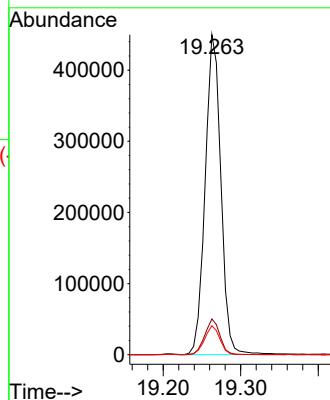
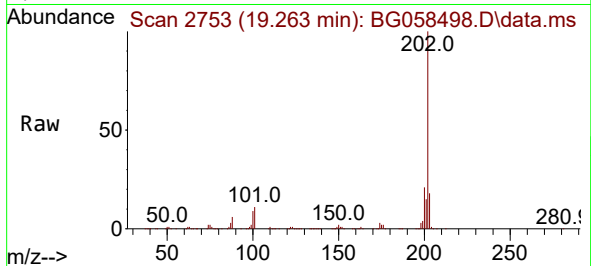




#80
Fluoranthene
Concen: 30.579 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

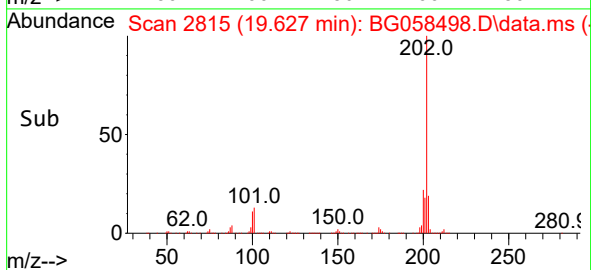
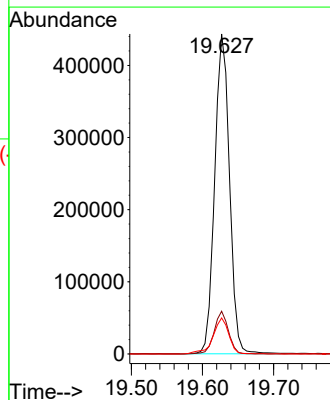
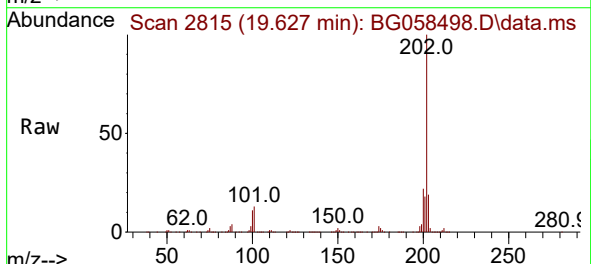
Instrument :
BNA_G
ClientSampleId :
SLCS055

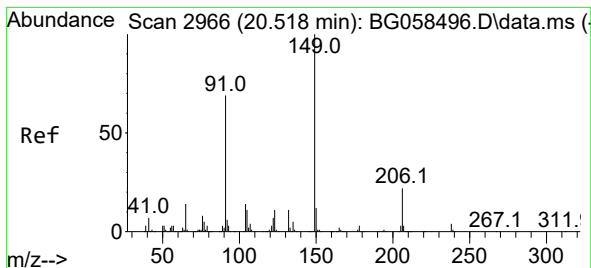
Tgt Ion:202 Resp: 632022
Ion Ratio Lower Upper
202 100
101 11.2 8.6 12.8
100 9.1 7.2 10.8



#82
Pyrene
Concen: 30.565 ng/u1
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:202 Resp: 640094
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.2
100 11.3 8.9 13.3





#83

Butylbenzylphthalate

Concen: 32.456 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

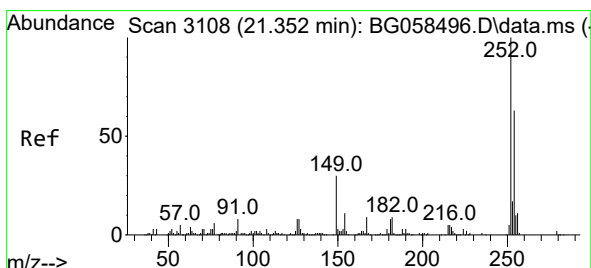
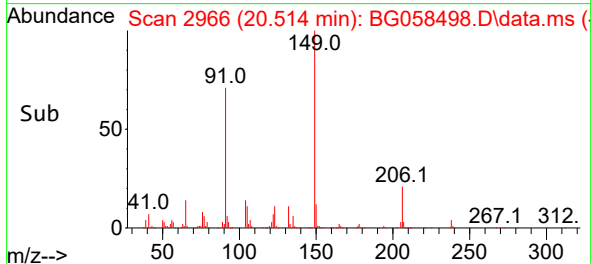
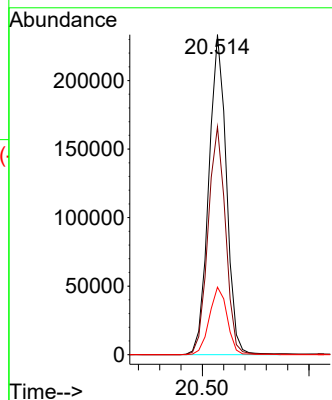
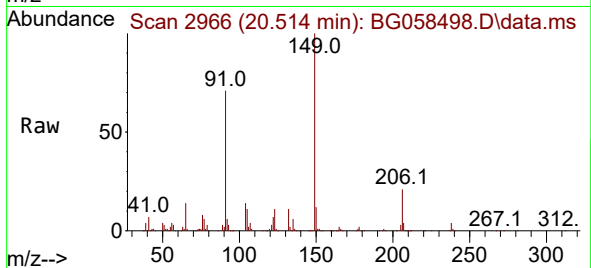
Tgt Ion:149 Resp: 267646

Ion Ratio Lower Upper

149 100

91 71.2 59.9 89.9

206 21.1 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 30.610 ng/ul

RT: 21.349 min Scan# 3108

Delta R.T. -0.007 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

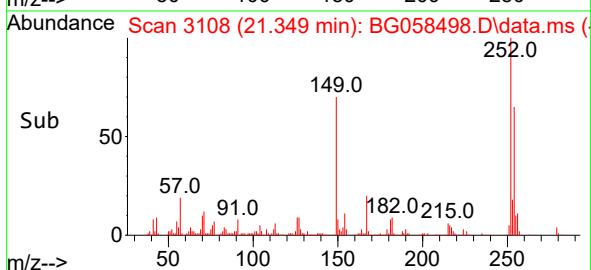
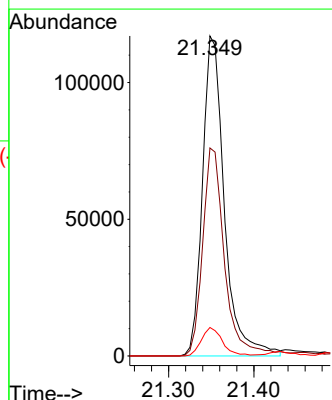
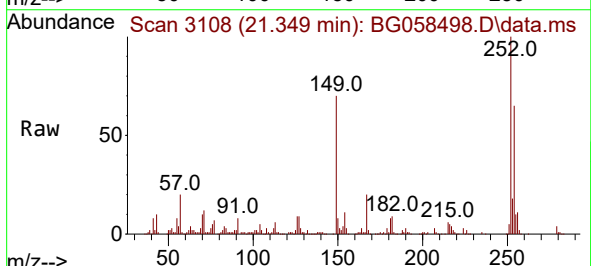
Tgt Ion:252 Resp: 208721

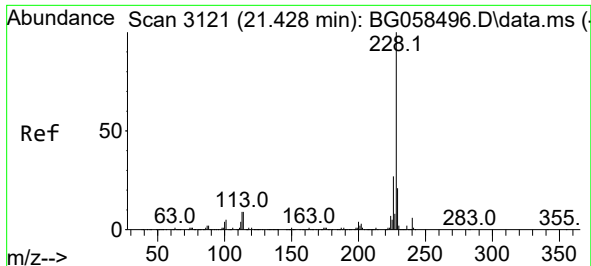
Ion Ratio Lower Upper

252 100

254 65.0 50.5 75.7

126 8.9 6.5 9.7

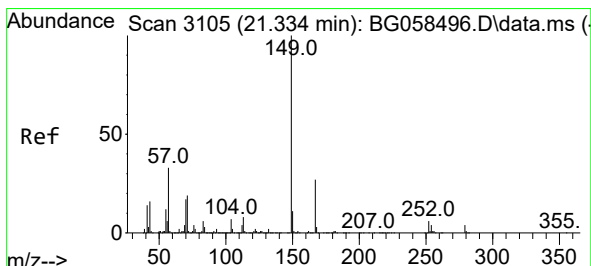
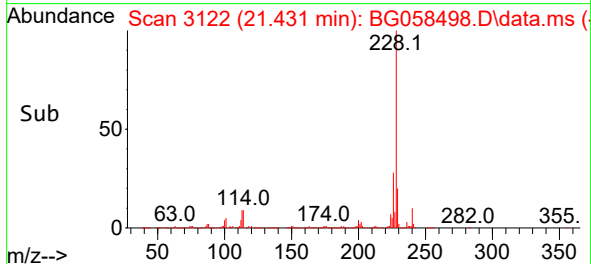
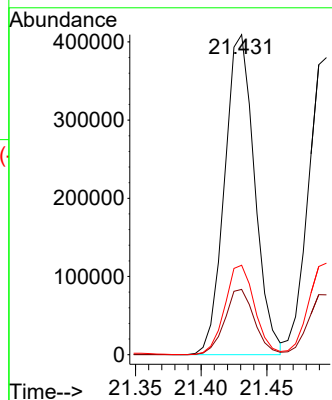
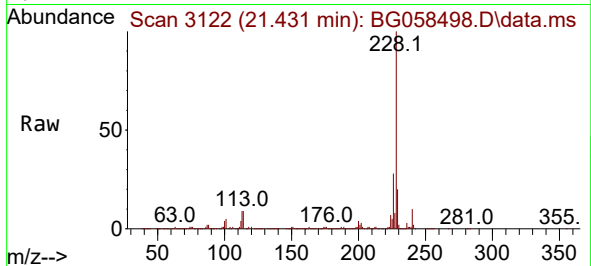




#85
Benzo(a)anthracene
Concen: 31.732 ng/ul
RT: 21.431 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

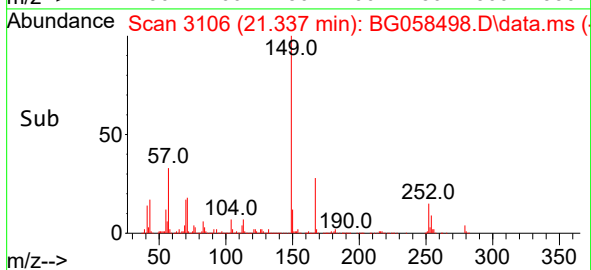
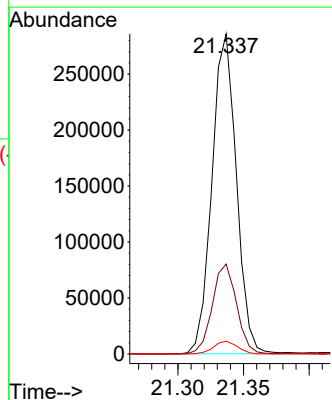
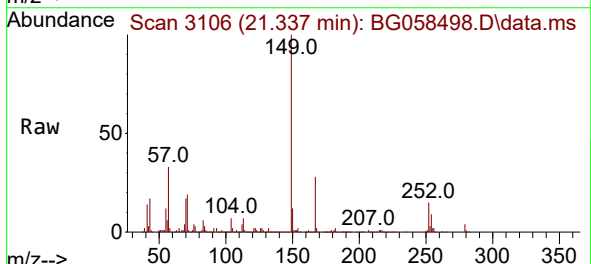
Instrument :
BNA_G
ClientSampleId :
SLCS055

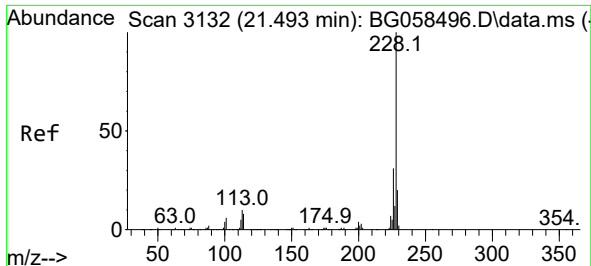
Tgt Ion:228 Resp: 651499
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.0 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 31.482 ng/ul
RT: 21.337 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:149 Resp: 369258
Ion Ratio Lower Upper
149 100
167 28.1 21.6 32.4
279 4.0 3.0 4.4

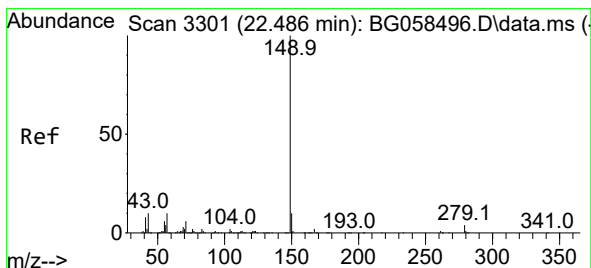
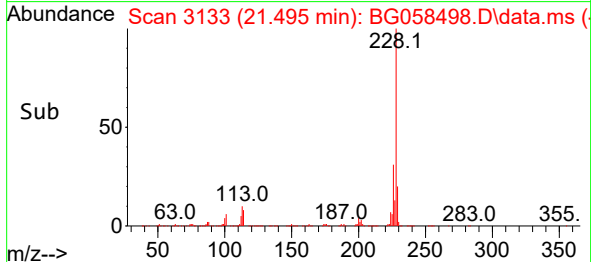
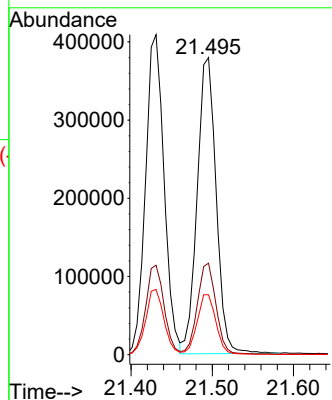
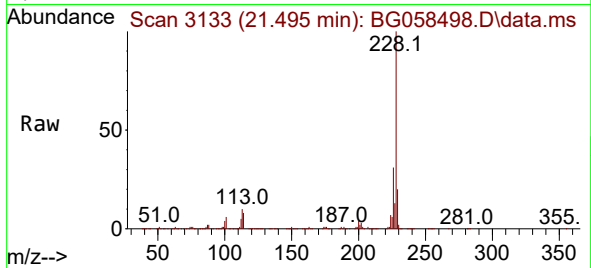




#87
Chrysene
Concen: 31.644 ng/ul
RT: 21.495 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

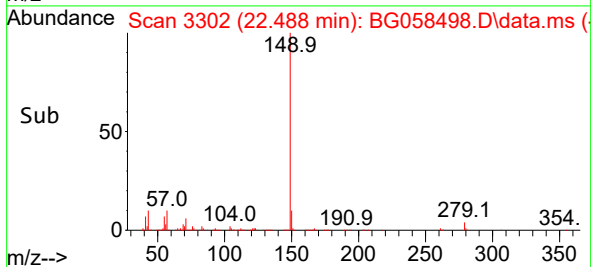
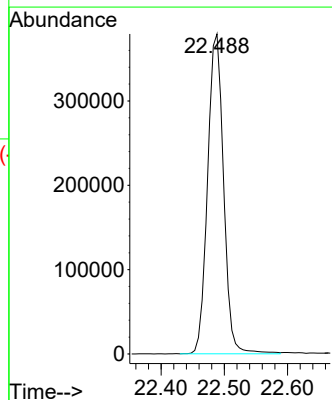
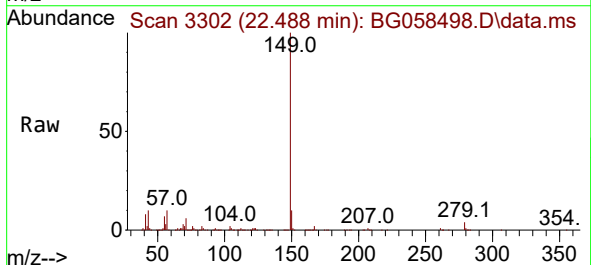
Instrument :
BNA_G
ClientSampleId :
SLCS055

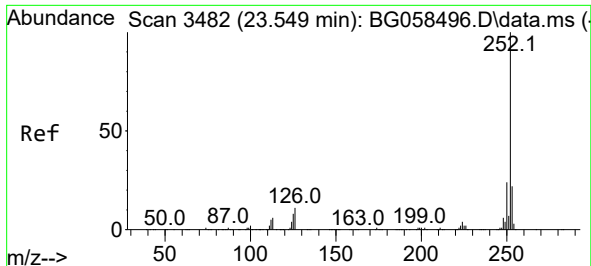
Tgt Ion:228 Resp: 616261
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 20.1 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 36.145 ng/ul
RT: 22.488 min Scan# 3302
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:149 Resp: 666790

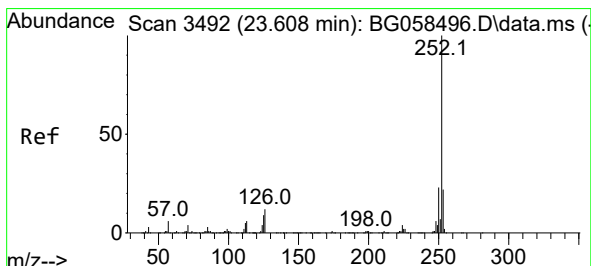
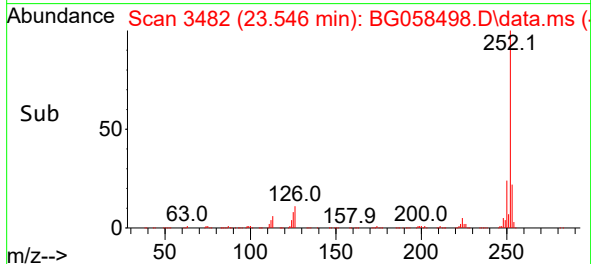
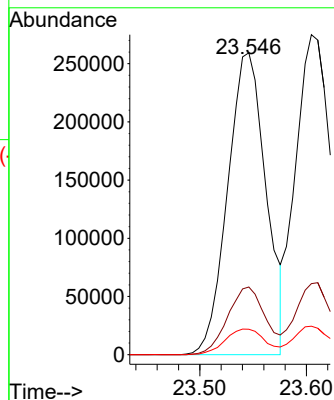
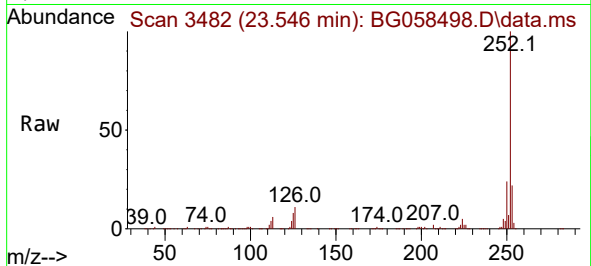




#90
Benzo(b)fluoranthene
Concen: 32.287 ng/ul
RT: 23.546 min Scan# 3482
Delta R.T. -0.001 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

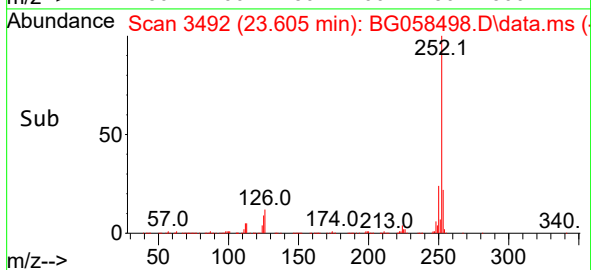
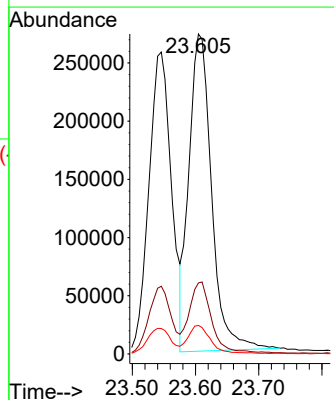
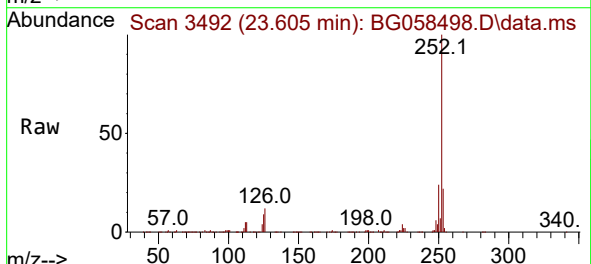
Instrument :
BNA_G
ClientSampleId :
SLCS055

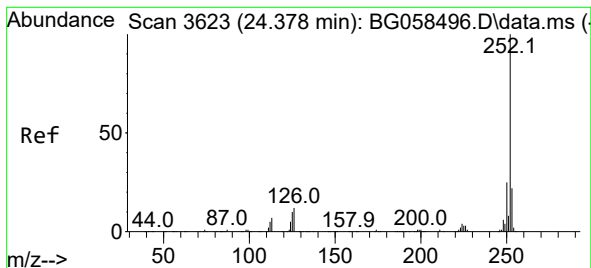
Tgt Ion:252 Resp: 647685
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.4 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 33.894 ng/ul
RT: 23.605 min Scan# 3492
Delta R.T. -0.007 min
Lab File: BG058498.D
Acq: 27 Jul 2023 12:48

Tgt Ion:252 Resp: 678124
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 8.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 32.476 ng/ul

RT: 24.374 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

Instrument :

BNA_G

ClientSampleId :

SLCS055

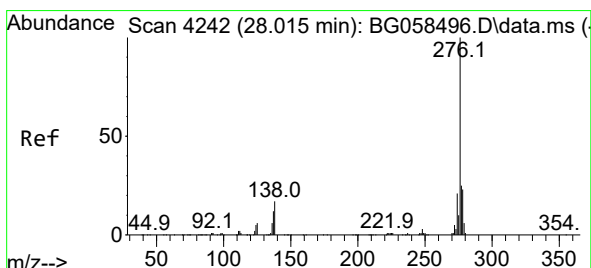
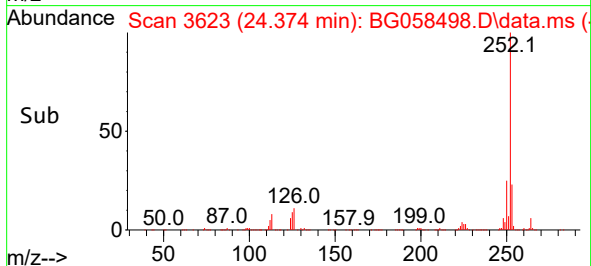
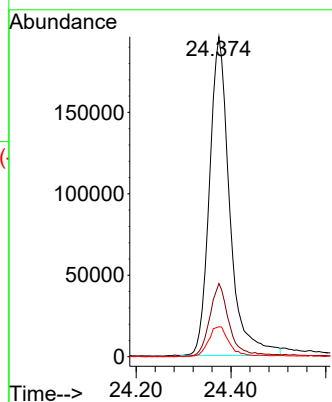
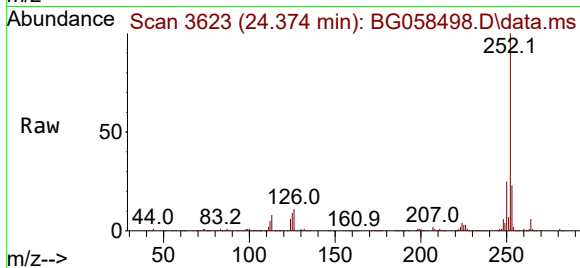
Tgt Ion:252 Resp: 579452

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.3 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.015 ng/ul

RT: 28.000 min Scan# 4240

Delta R.T. -0.012 min

Lab File: BG058498.D

Acq: 27 Jul 2023 12:48

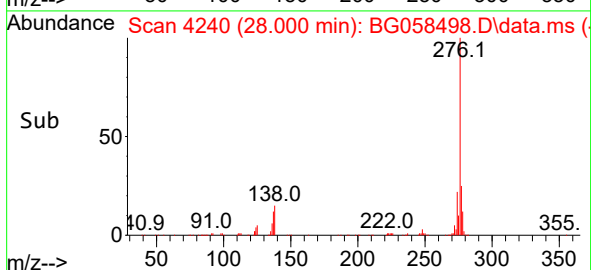
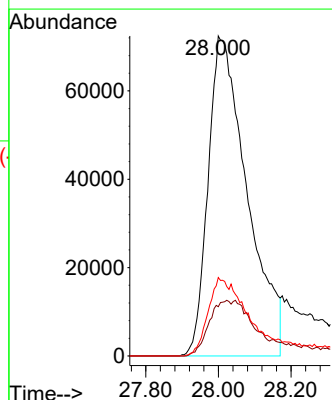
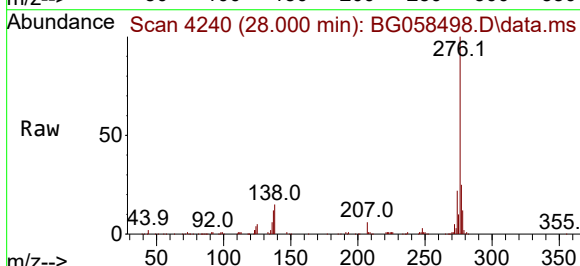
Tgt Ion:276 Resp: 541033

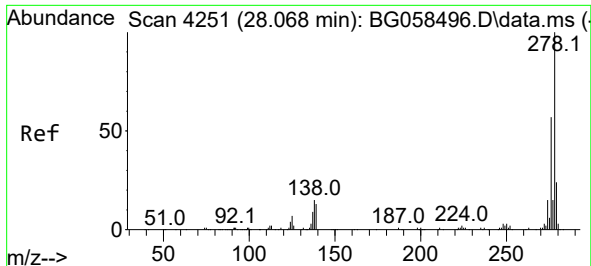
Ion Ratio Lower Upper

276 100

138 15.4 13.8 20.6

277 24.5 19.2 28.8

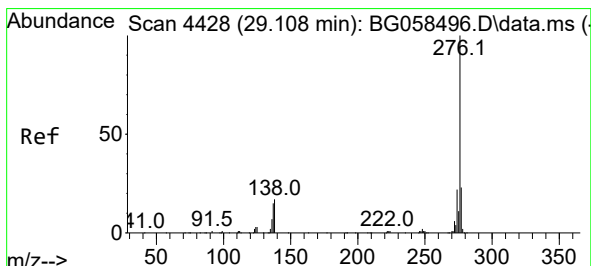
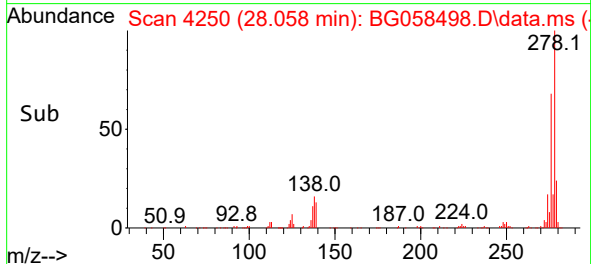
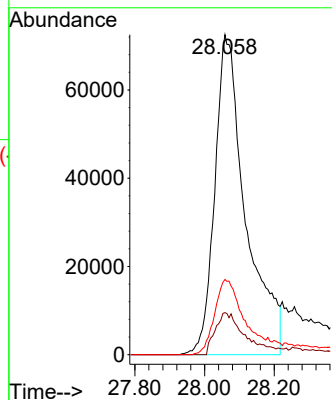
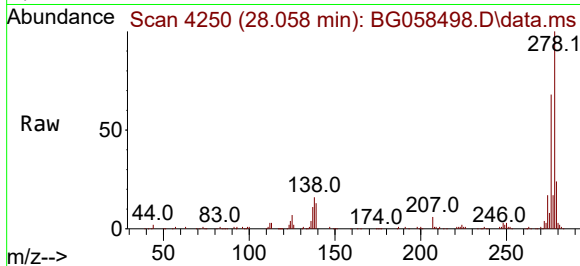




#95
 Dibenzo(a,h)anthracene
 Concen: 23.182 ng/ul
 RT: 28.058 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BG058498.D
 Acq: 27 Jul 2023 12:48

Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

Tgt Ion:278 Resp: 446883
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.4 15.6
 279 23.5 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 19.860 ng/ul
 RT: 29.098 min Scan# 4427
 Delta R.T. -0.012 min
 Lab File: BG058498.D
 Acq: 27 Jul 2023 12:48

Tgt Ion:276 Resp: 380377
 Ion Ratio Lower Upper
 276 100
 138 17.4 13.5 20.3
 277 22.5 19.4 29.2

