

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058115.D
 Acq On : 9 Jul 2023 7:05
 Operator : CG/JU
 Sample : PB153885BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS885

Quant Time: Jul 10 00:38:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	42831	20.000	ng/u1	0.00
20) Naphthalene-d8	10.720	136	201497	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.556	164	152361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.300	188	376129	20.000	ng/u1	0.00
79) Chrysene-d12	21.554	240	326287	20.000	ng/u1	0.00
88) Perylene-d12	24.703	264	405877	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7622	6.231	ng/uL	0.00
4) Pyridine-d5	3.763	84	119417	32.158	ng/u1	0.00
7) Phenol-d5	7.083	99	153298	35.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	88504	33.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.447	132	104405	34.608	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	114400	34.661	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	55750	33.947	ng/u1	0.00
24) 2-Nitrophenol-d4	9.797	143	60776	35.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	115490	34.880	ng/u1	0.00
31) 4-Chloroaniline-d4	10.855	131	153234	30.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	364730	30.340	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	409579	31.222	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	63334	29.820	ng/u1	0.00
60) Fluorene-d10	15.544	176	320811	31.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	64259	31.463	ng/u1	0.00
73) Anthracene-d10	17.400	188	516009	29.565	ng/u1	0.00
81) Pyrene-d10	19.686	212	618537	30.100	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.492	264	652420	31.551	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	16836	11.142	ng/uL	100
5) Pyridine	3.781	79	117887	30.984	ng/u1	98
6) Benzaldehyde	7.053	77	76084	52.085	ng/u1	94
8) Phenol	7.106	94	153448	34.570	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.335	93	114445	33.392	ng/u1	98
12) 2-Chlorophenol	7.482	128	104775	33.375	ng/u1	95
13) 2-Methylphenol	8.358	108	117546	33.719	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	180007	34.120	ng/u1	98
16) Acetophenone	8.740	105	184094	33.619	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	97161	33.191	ng/u1	98
18) 4-Methylphenol	8.687	108	130452	34.608	ng/u1	96
19) Hexachloroethane	8.998	117	40914	33.996	ng/u1	99
22) Nitrobenzene	9.122	77	141143	33.106	ng/u1	98
23) Isophorone	9.639	82	290214	31.902	ng/u1	98
25) 2-Nitrophenol	9.833	139	64222	34.675	ng/u1	94
26) 2,4-Dimethylphenol	9.891	107	124622	29.923	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.126	93	163443	31.883	ng/u1	99
29) 2,4-Dichlorophenol	10.367	162	108447	33.686	ng/u1	96
30) Naphthalene	10.773	128	365190	32.250	ng/u1	100
32) 4-Chloroaniline	10.878	127	128967	25.125	ng/u1	99
33) Hexachlorobutadiene	11.055	225	75695	33.212	ng/u1	94
34) Caprolactam	11.636	113	31075	24.009	ng/u1	93
35) 4-Chloro-3-methylphenol	12.006	107	134980	34.132	ng/u1	97
36) 2-Methylnaphthalene	12.377	142	250095	32.764	ng/u1	97

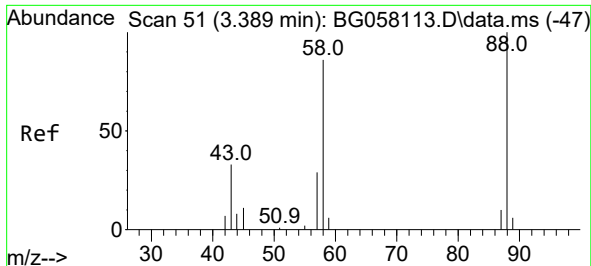
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	250526	32.729	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.747	216	143263	30.855	ng/ul	100
40) Hexachlorocyclopentadiene	12.723	237	72088	24.649	ng/ul	97
41) 2,4,6-Trichlorophenol	12.988	196	96930	30.801	ng/ul	98
42) 2,4,5-Trichlorophenol	13.064	196	102783	30.201	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	335472	30.554	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	269067	30.534	ng/ul	99
45) 2-Nitroaniline	13.634	65	98953	32.298	ng/ul	97
47) Dimethylphthalate	14.004	163	362135	29.984	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	78797	31.785	ng/ul	92
50) Acenaphthylene	14.274	152	428792	30.269	ng/ul	99
51) 3-Nitroaniline	14.462	138	76497	36.513	ng/ul	90
52) Acenaphthene	14.621	153	296380	30.489	ng/ul	97
53) 2,4-Dinitrophenol	14.668	184	39457	30.529	ng/ul	96
55) 4-Nitrophenol	14.774	109	45500	28.918	ng/ul	83
56) Dibenzofuran	14.956	168	420314	30.418	ng/ul	100
57) 2,4-Dinitrotoluene	14.915	165	112490	32.026	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.179	232	89527	28.896	ng/ul	98
59) Diethylphthalate	15.367	149	376485	29.866	ng/ul	100
61) Fluorene	15.602	166	340944	30.071	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.591	204	184018	30.674	ng/ul	98
63) 4-Nitroaniline	15.626	138	78389	41.768	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.679	198	66645	31.908	ng/ul	98
67) N-Nitrosodiphenylamine	15.808	169	296950	29.665	ng/ul	99
68) 4-Bromophenyl-phenylether	16.484	248	127551	30.894	ng/ul	99
69) Hexachlorobenzene	16.607	284	144751	31.314	ng/ul	96
70) Atrazine	16.748	200	70435	17.207	ng/ul	99
71) Pentachlorophenol	16.948	266	72231	26.028	ng/ul	97
72) Phenanthrene	17.341	178	563812	29.469	ng/ul	99
74) Anthracene	17.435	178	565368	29.201	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.352	216	153781	30.828	ng/uL	99
76) Pentachlorobenzene	14.874	250	367798	69.037	ng/uL	96
77) Carbazole	17.700	167	527372	30.118	ng/ul	99
78) Di-n-butylphthalate	18.258	149	669425	30.012	ng/ul	100
80) Fluoranthene	19.351	202	686160	28.816	ng/ul	99
82) Pyrene	19.715	202	688251	28.714	ng/ul	99
83) Butylbenzylphthalate	20.596	149	295475	30.400	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.454	252	270444	34.237	ng/ul	100
85) Benzo(a)anthracene	21.537	228	702641	29.992	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.437	149	424404	30.470	ng/ul	97
87) Chrysene	21.601	228	669554	30.487	ng/ul	99
89) Di-n-octyl phthalate	22.618	149	752269	30.166	ng/ul	100
90) Benzo(b)fluoranthene	23.705	252	759060	30.204	ng/ul	98
91) Benzo(k)fluoranthene	23.769	252	725585	29.456	ng/ul	99
93) Benzo(a)pyrene	24.562	252	666211	29.951	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.305	276	890381	30.144	ng/ul	100
95) Dibenzo(a,h)anthracene	28.364	278	736727	30.247	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	729595	30.241	ng/ul	99

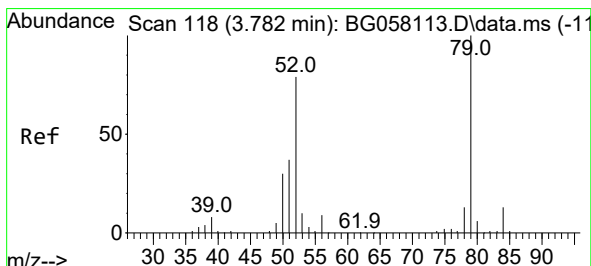
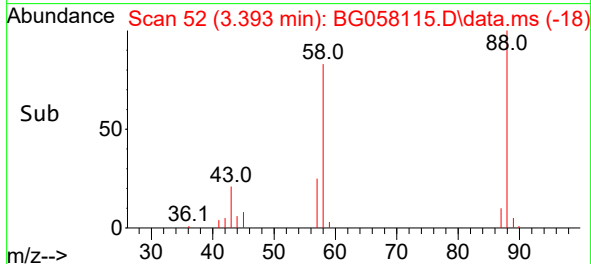
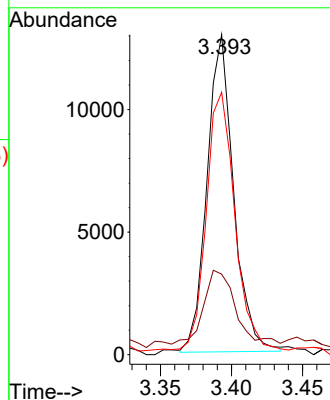
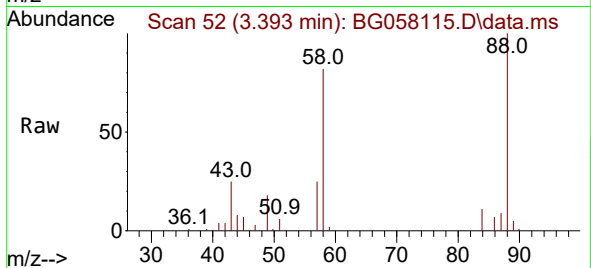
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#2
1,4-Dioxane
Concen: 11.142 ng/uL
RT: 3.393 min Scan# 51
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

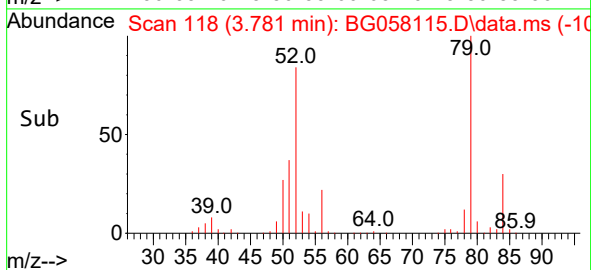
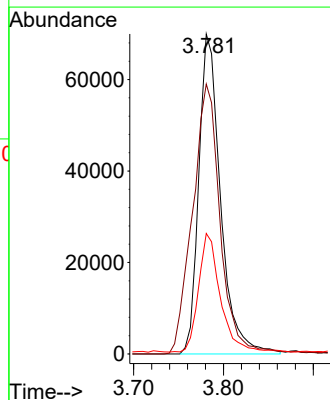
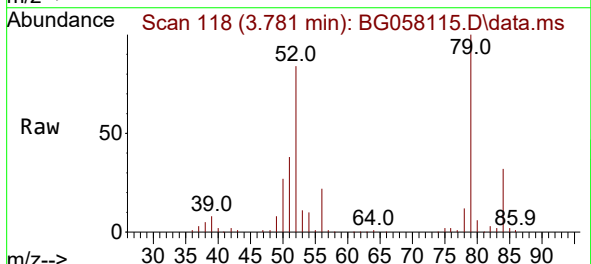
Instrument :
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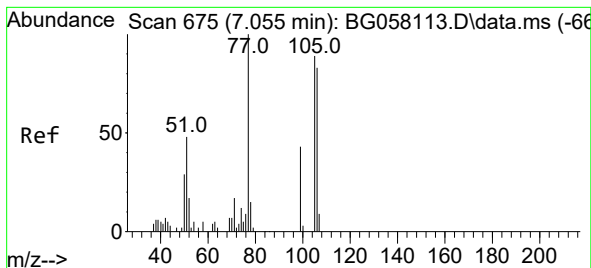
Tgt Ion: 88 Resp: 16836
Ion Ratio Lower Upper
88 100
43 25.1 20.6 30.8
58 82.0 65.5 98.3



#5
Pyridine
Concen: 30.984 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. -0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion: 79 Resp: 117887
Ion Ratio Lower Upper
79 100
52 84.4 68.6 102.8
51 37.7 29.4 44.0





#6

Benzaldehyde

Concen: 52.085 ng/ul

RT: 7.053 min Scan# 61

Delta R.T. -0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

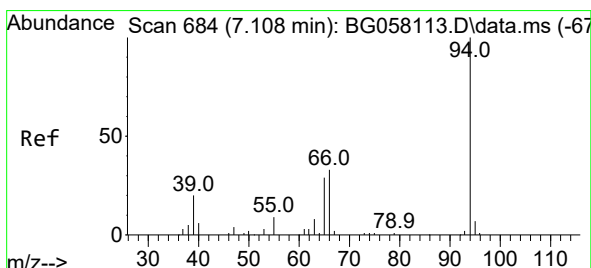
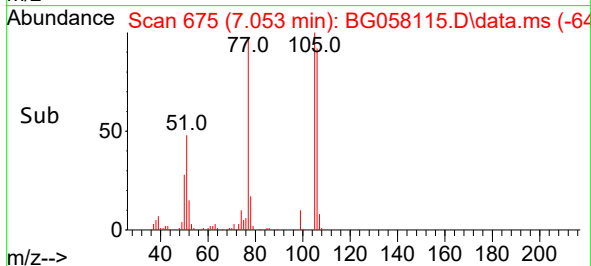
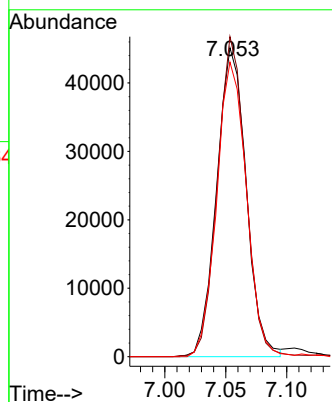
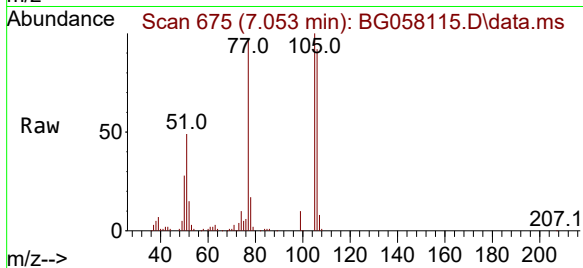
Tgt Ion: 77 Resp: 76084

Ion Ratio Lower Upper

77 100

105 103.6 74.7 112.1

106 95.4 75.9 113.9



#8

Phenol

Concen: 34.570 ng/ul

RT: 7.106 min Scan# 684

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

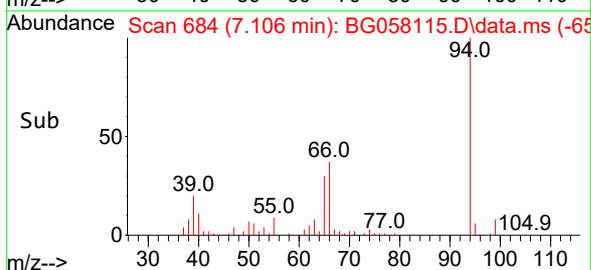
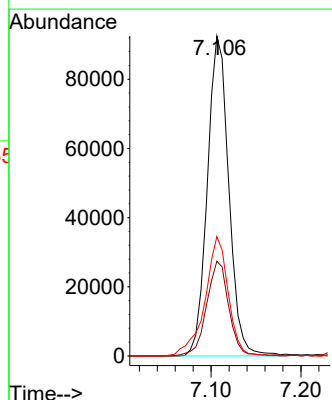
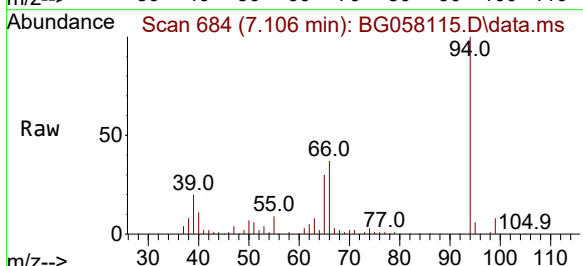
Tgt Ion: 94 Resp: 153448

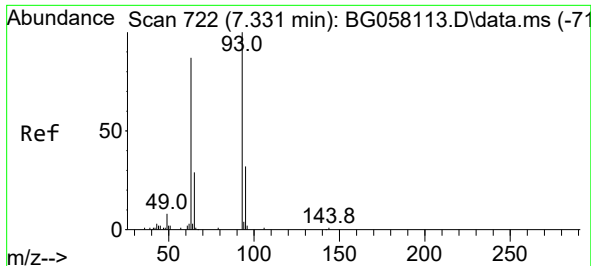
Ion Ratio Lower Upper

94 100

65 29.6 22.2 33.4

66 37.3 28.6 43.0



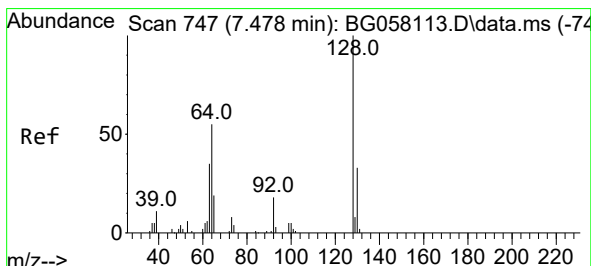
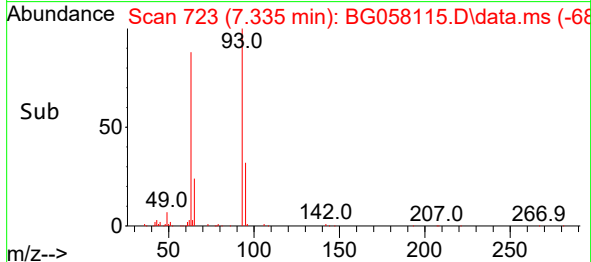
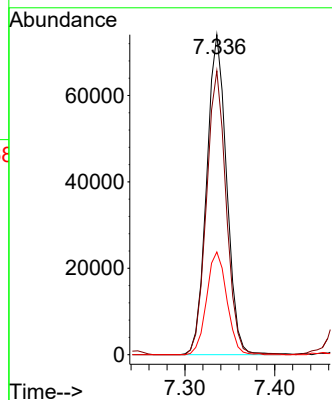
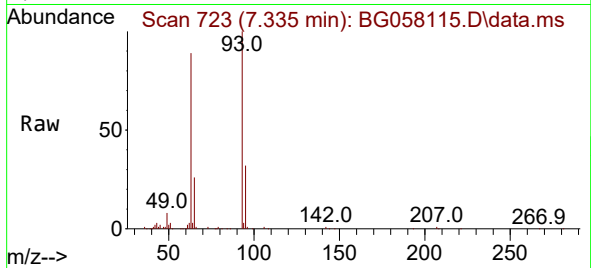


#10
 Bis(2-Chloroethyl)ether
 Concen: 33.392 ng/ul
 RT: 7.335 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BG058115.D
 Acq: 9 Jul 2023 7:05

Instrument :
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 ClientSampleId :
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Tgt Ion: 93 Resp: 114445

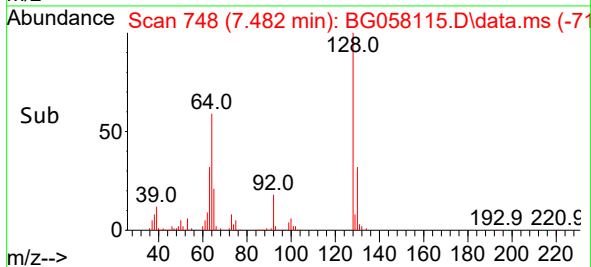
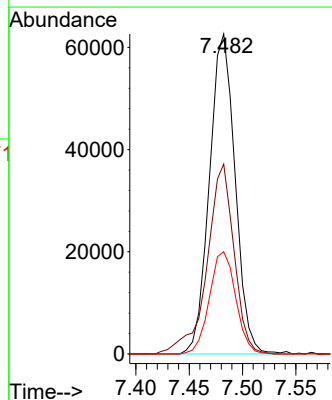
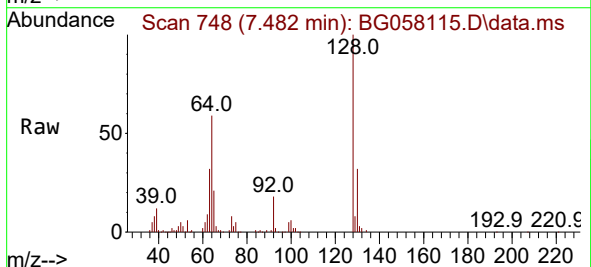
Ion	Ratio	Lower	Upper
93	100		
63	88.7	69.4	104.0
95	32.1	27.0	40.6

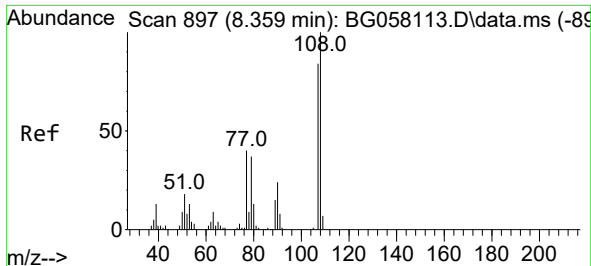


#12
 2-Chlorophenol
 Concen: 33.375 ng/ul
 RT: 7.482 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: BG058115.D
 Acq: 9 Jul 2023 7:05

Tgt Ion:128 Resp: 104775

Ion	Ratio	Lower	Upper
128	100		
64	59.3	44.3	66.5
130	32.0	27.3	40.9

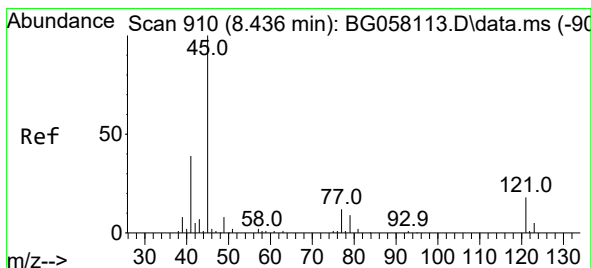
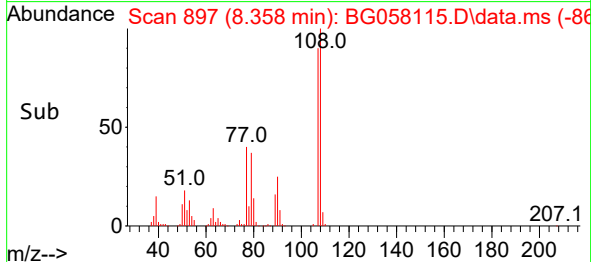
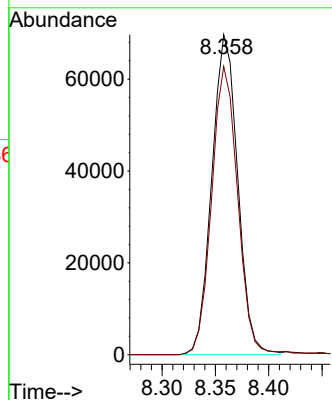
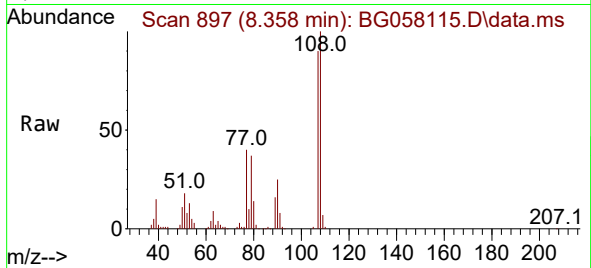




#13
2-Methylphenol
Concen: 33.719 ng/ul
RT: 8.358 min Scan# 897
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

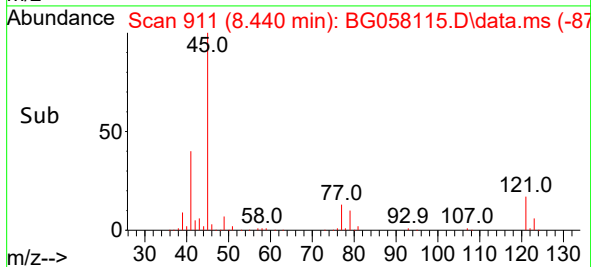
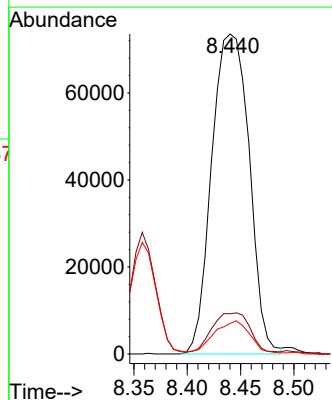
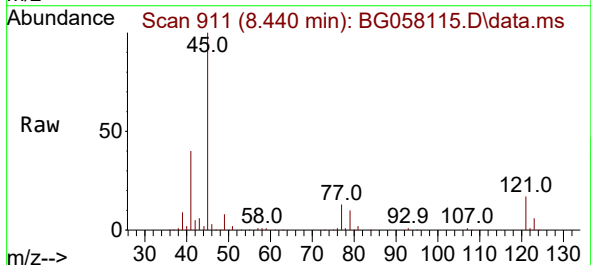
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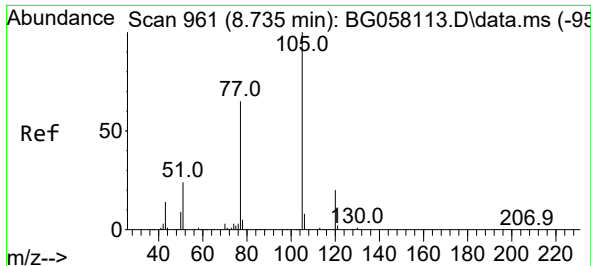
Tgt Ion:108 Resp: 117546
Ion Ratio Lower Upper
108 100
107 90.1 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.120 ng/ul
RT: 8.440 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion: 45 Resp: 180007
Ion Ratio Lower Upper
45 100
77 12.6 9.4 14.2
79 9.5 8.3 12.5

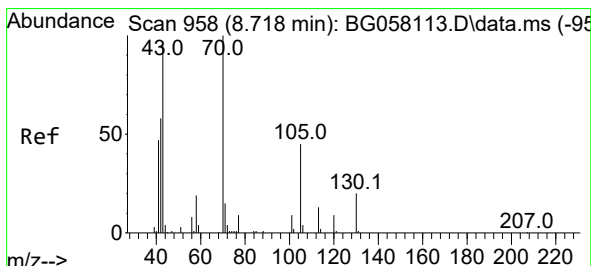
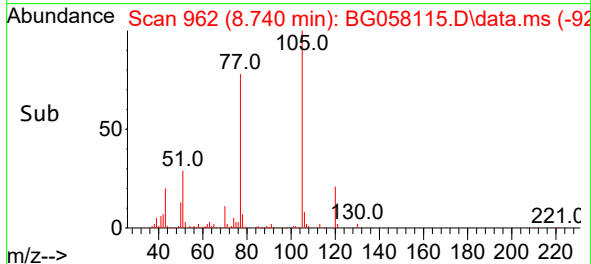
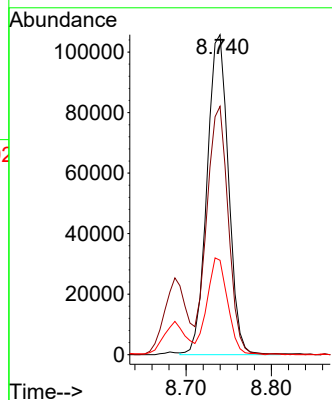
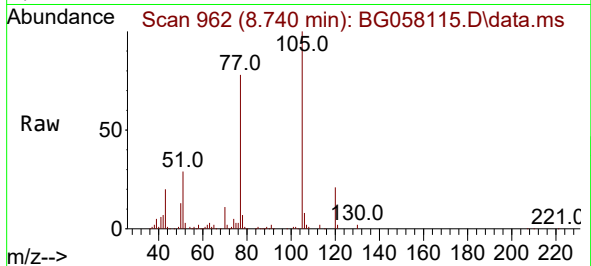




#16
Acetophenone
Concen: 33.619 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BG058115.D
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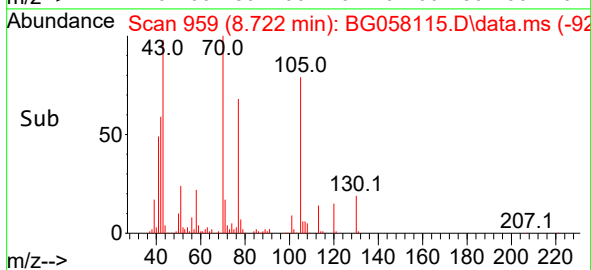
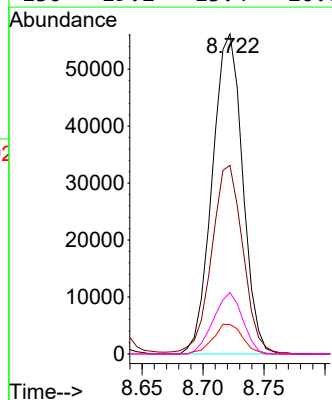
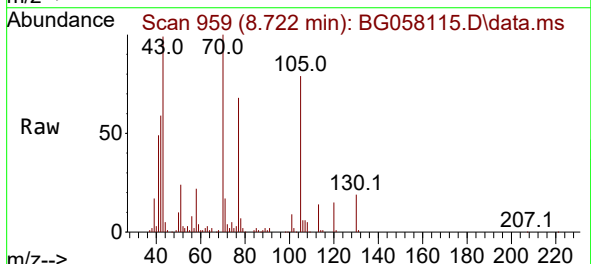
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SLCS885

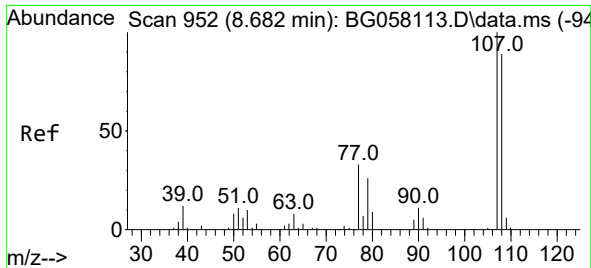
Tgt Ion: 105 Resp: 184094
Ion Ratio Lower Upper
105 100
77 77.6 61.2 91.8
51 29.5 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 33.191 ng/ul
RT: 8.722 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion: 70 Resp: 97161
Ion Ratio Lower Upper
70 100
42 58.9 48.0 72.0
101 9.2 7.4 11.2
130 19.2 13.4 20.0

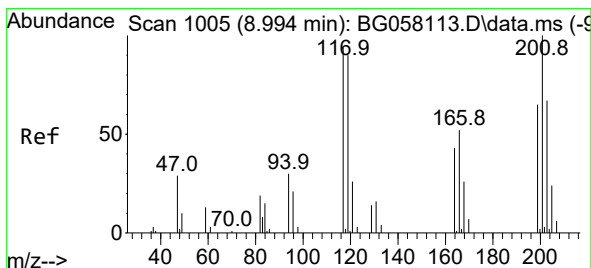
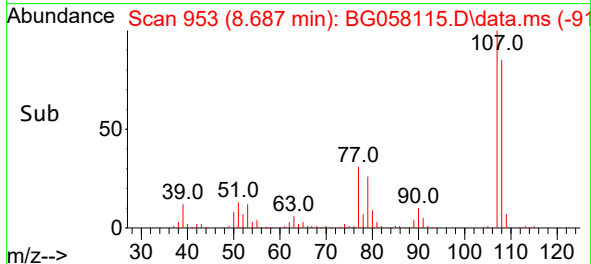
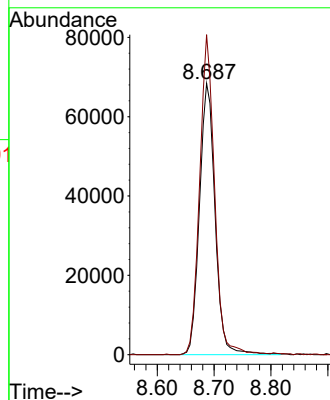
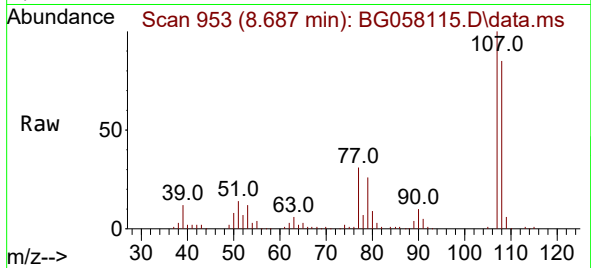




#18
4-Methylphenol
Concen: 34.608 ng/ul
RT: 8.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

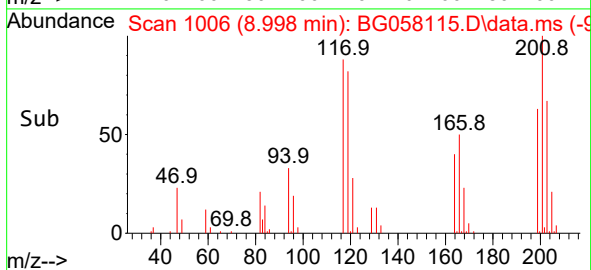
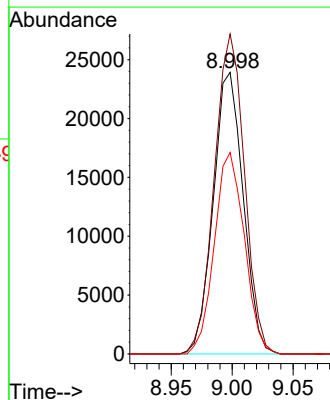
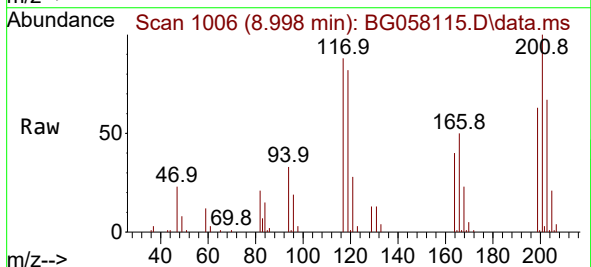
Instrument :
BNA_G
ClientSampleId :
SLCS885

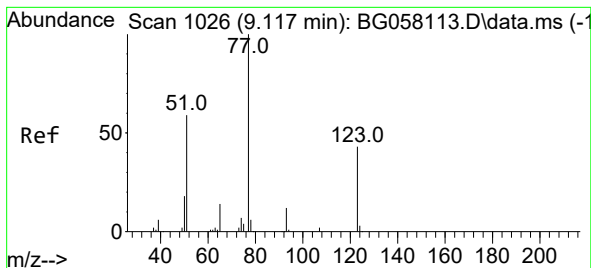
Tgt Ion:108 Resp: 130452
Ion Ratio Lower Upper
108 100
107 118.0 91.1 136.7



#19
Hexachloroethane
Concen: 33.996 ng/ul
RT: 8.998 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:117 Resp: 40914
Ion Ratio Lower Upper
117 100
201 116.9 94.0 141.0
199 73.1 59.8 89.6





#22

Nitrobenzene

Concen: 33.106 ng/ul

RT: 9.122 min Scan# 110

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

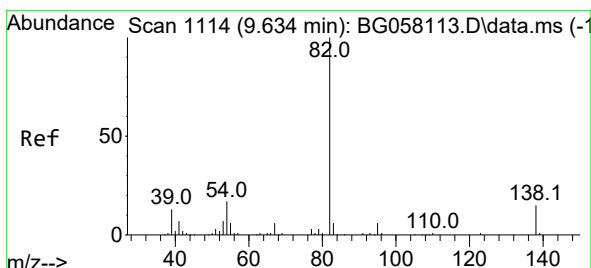
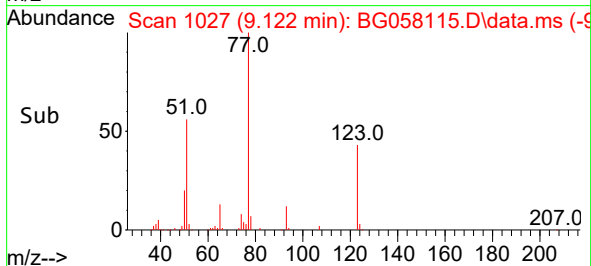
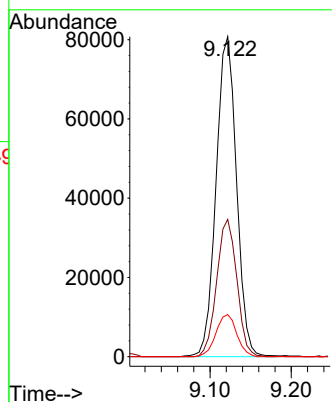
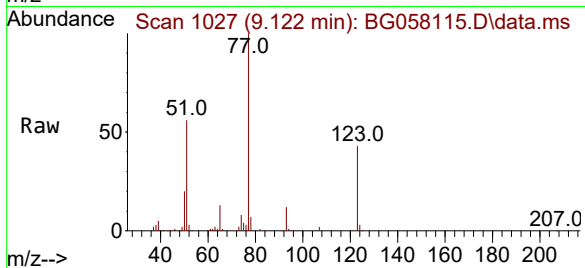
Tgt Ion: 77 Resp: 141143

Ion Ratio Lower Upper

77 100

123 42.9 33.3 49.9

65 13.1 10.4 15.6



#23

Isophorone

Concen: 31.902 ng/ul

RT: 9.639 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

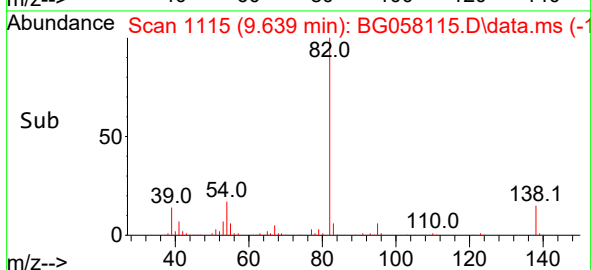
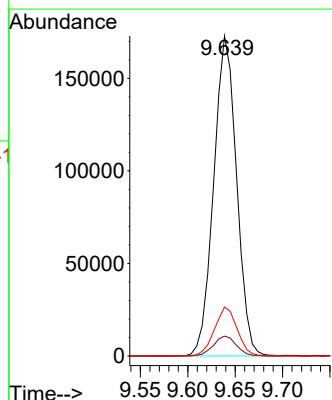
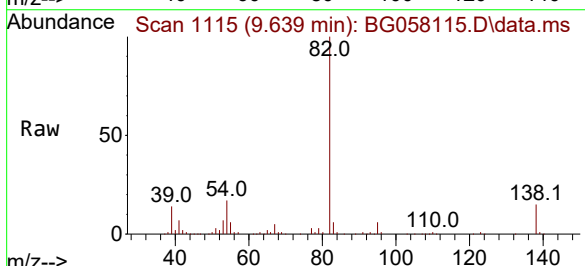
Tgt Ion: 82 Resp: 290214

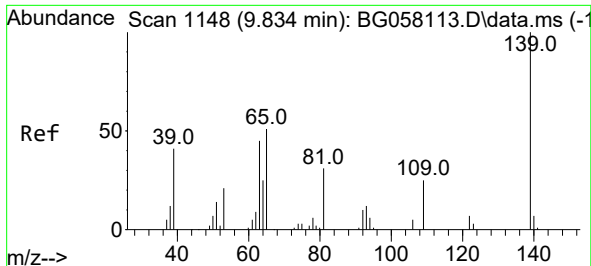
Ion Ratio Lower Upper

82 100

95 6.2 4.8 7.2

138 15.3 11.4 17.0

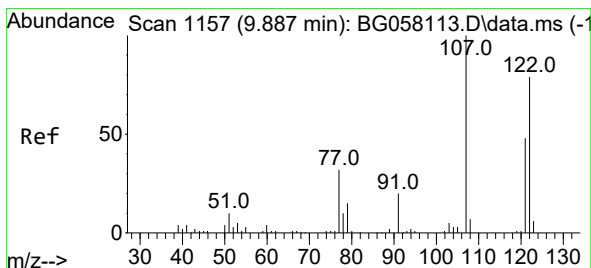
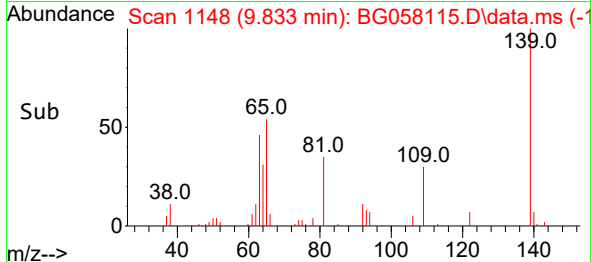
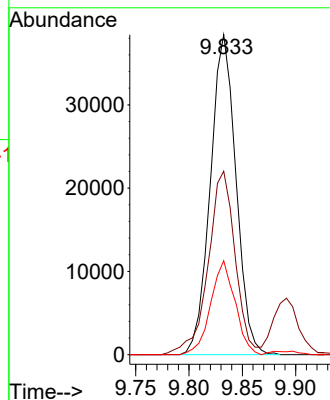
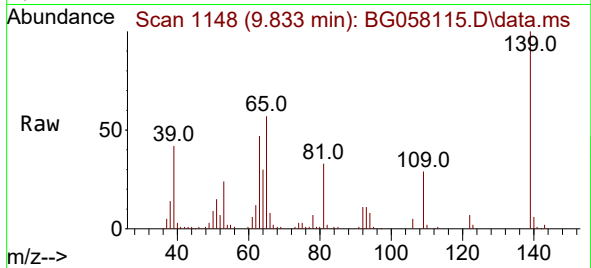




#25
2-Nitrophenol
Concen: 34.675 ng/ul
RT: 9.833 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

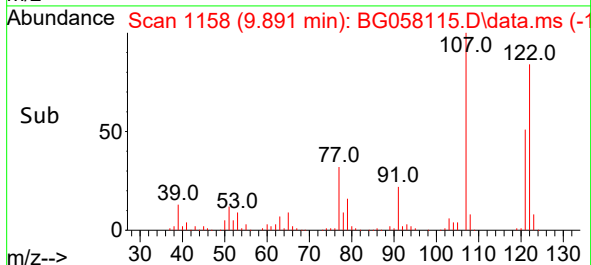
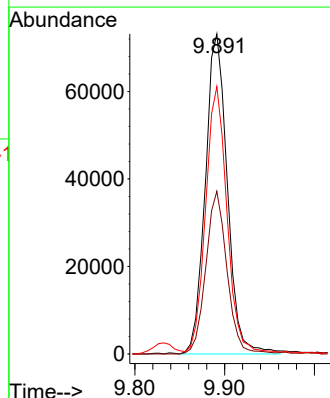
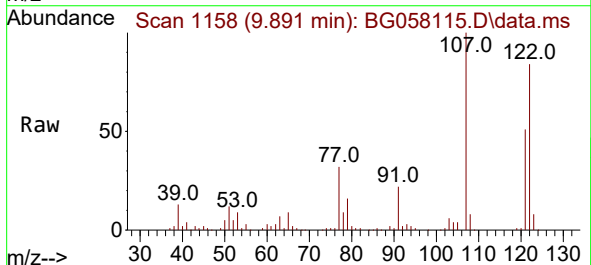
Instrument :
BNA_G
ClientSampleId :
SLCS885

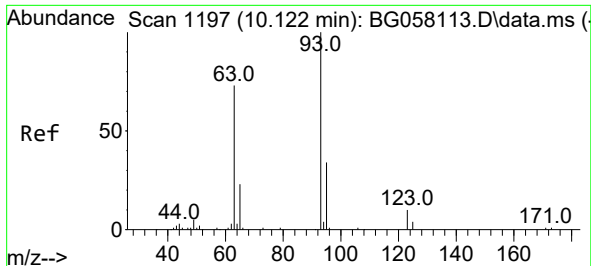
Tgt Ion:139 Resp: 64222
Ion Ratio Lower Upper
139 100
65 57.3 42.6 64.0
109 29.3 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 29.923 ng/ul
RT: 9.891 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:107 Resp: 124622
Ion Ratio Lower Upper
107 100
121 50.9 40.6 60.8
122 83.6 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 31.883 ng/ul

RT: 10.126 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

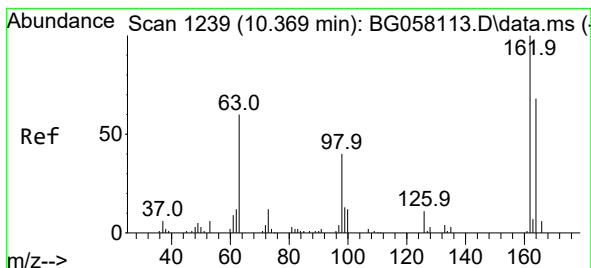
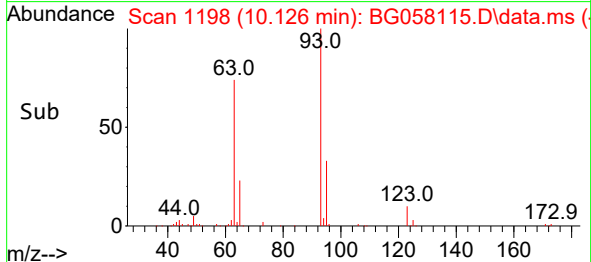
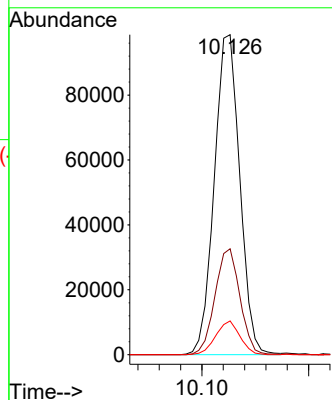
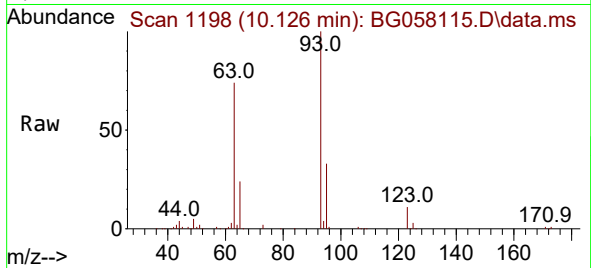
Tgt Ion: 93 Resp: 163443

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 10.6 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 33.686 ng/ul

RT: 10.367 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

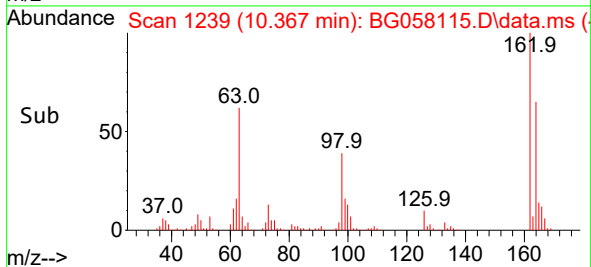
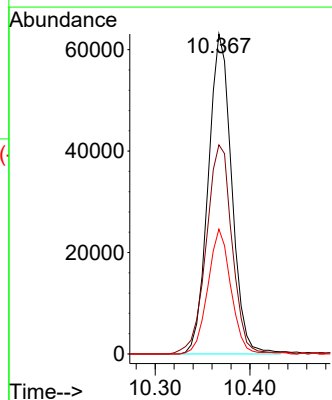
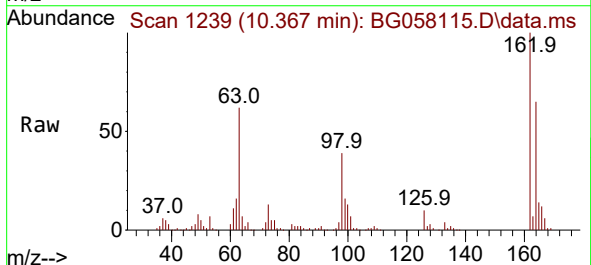
Tgt Ion:162 Resp: 108447

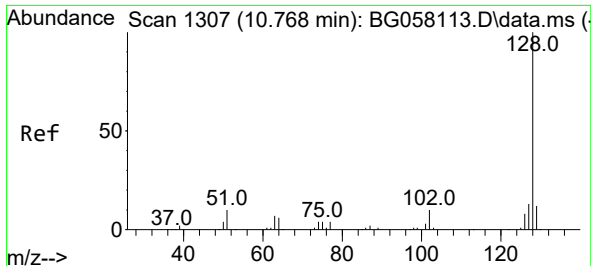
Ion Ratio Lower Upper

162 100

164 65.4 51.1 76.7

98 39.0 27.9 41.9

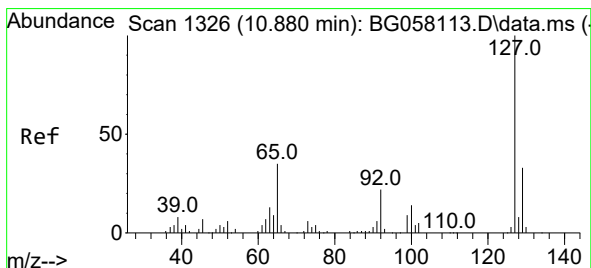
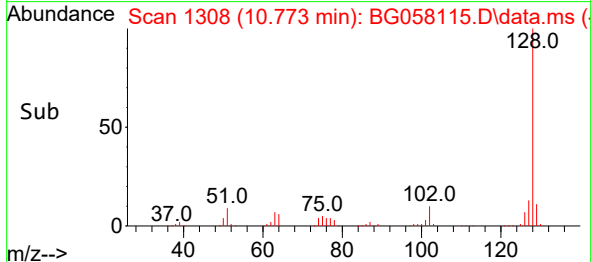
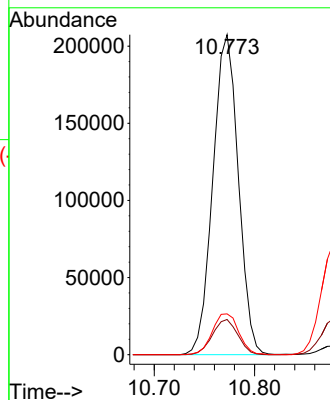
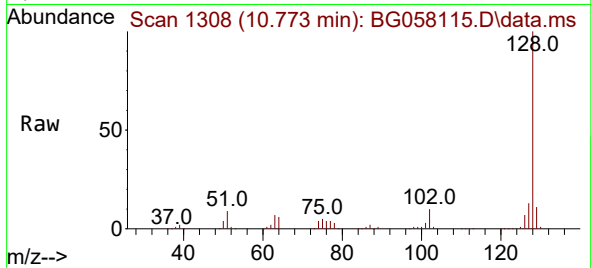




#30
Naphthalene
Concen: 32.250 ng/ul
RT: 10.773 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

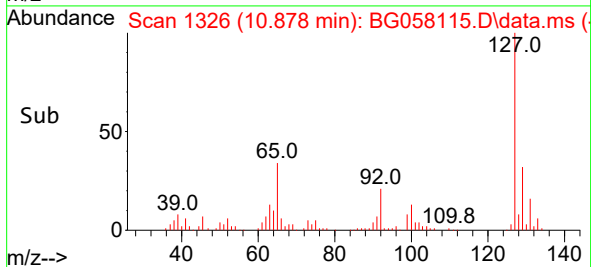
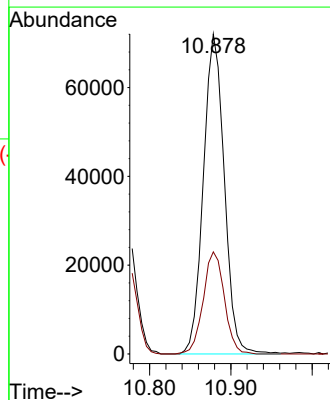
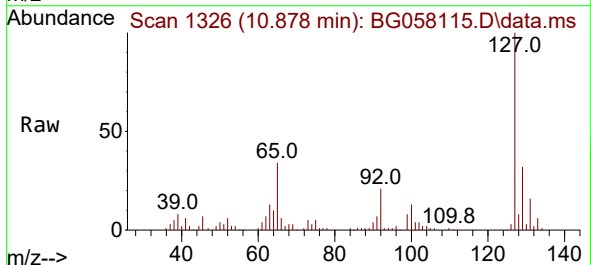
Instrument :
BNA_G
ClientSampleId :
SLCS885

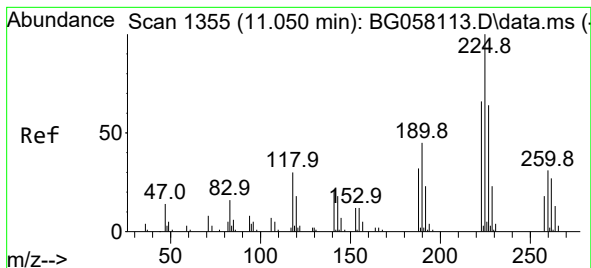
Tgt Ion:128 Resp: 365190
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.2 15.2



#32
4-Chloroaniline
Concen: 25.125 ng/ul
RT: 10.878 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:127 Resp: 128967
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0





#33

Hexachlorobutadiene

Concen: 33.212 ng/ul

RT: 11.055 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

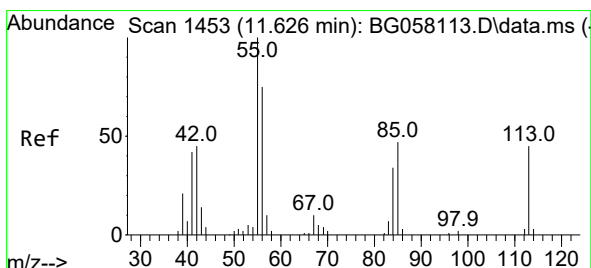
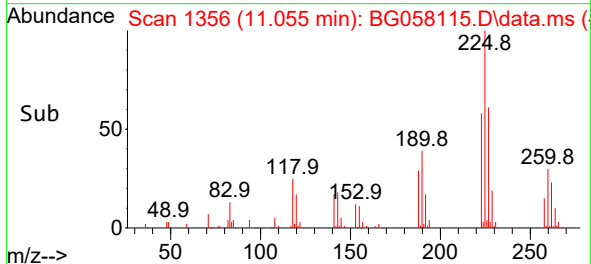
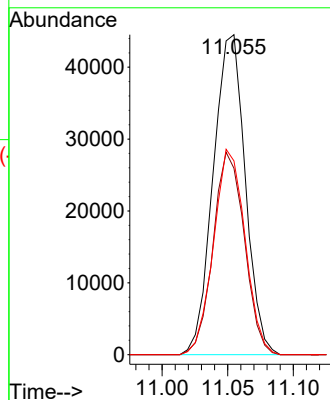
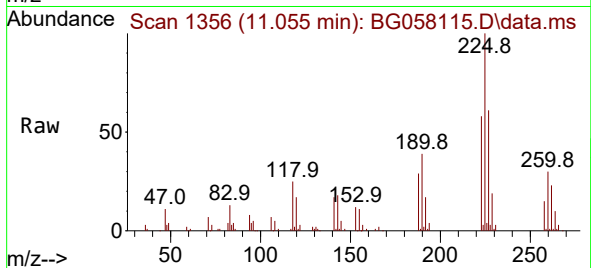
Tgt Ion:225 Resp: 75695

Ion Ratio Lower Upper

225 100

223 58.3 53.2 79.8

227 63.6 51.4 77.2



#34

Caprolactam

Concen: 24.009 ng/ul

RT: 11.636 min Scan# 1455

Delta R.T. 0.012 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

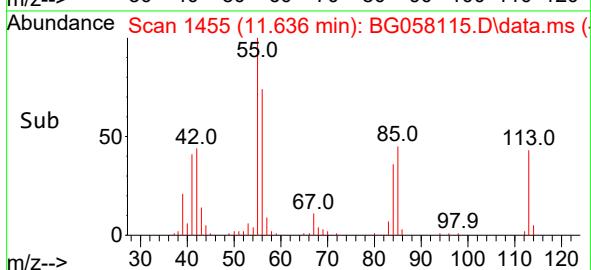
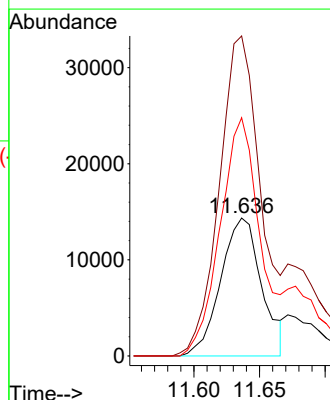
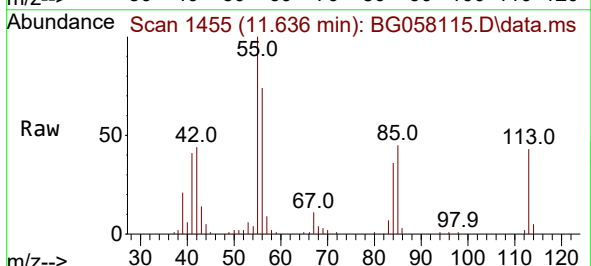
Tgt Ion:113 Resp: 31075

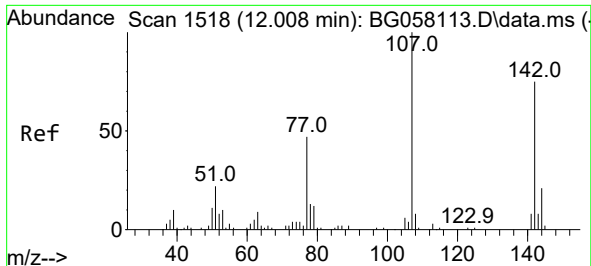
Ion Ratio Lower Upper

113 100

55 232.1 183.4 275.2

56 172.8 123.0 184.6

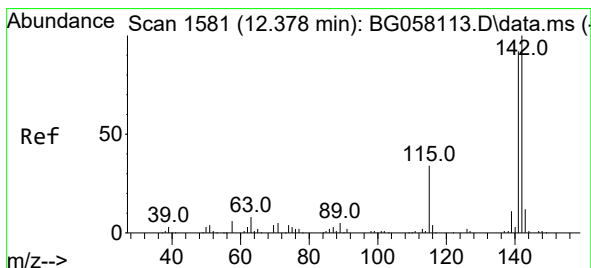
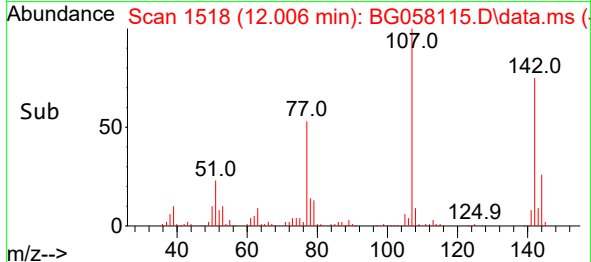
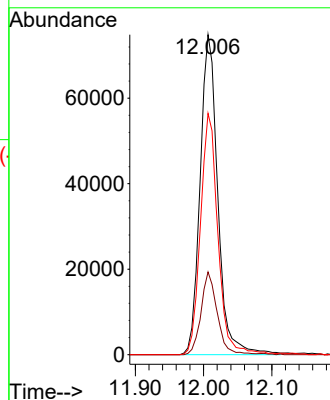
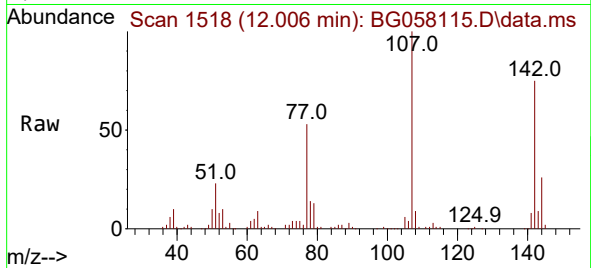




#35
4-Chloro-3-methylphenol
Concen: 34.132 ng/ul
RT: 12.006 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

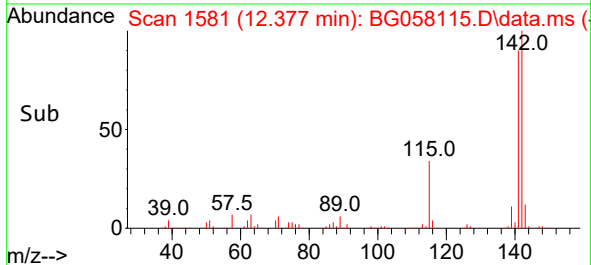
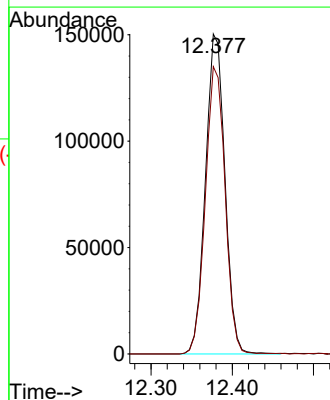
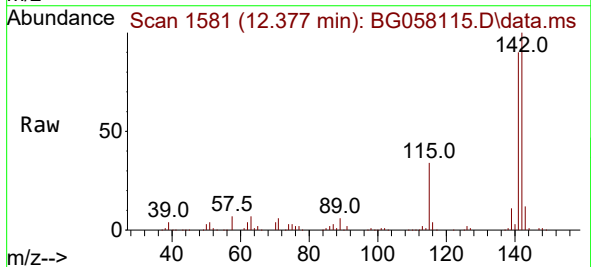
Instrument :
BNA_G
ClientSampleId :
SLCS885

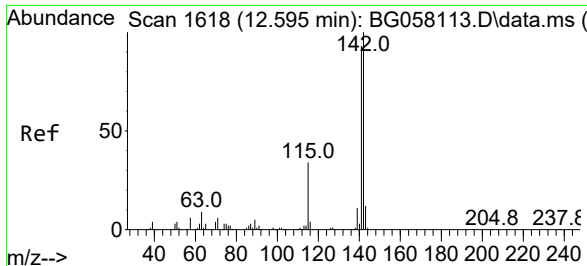
Tgt Ion:107 Resp: 134980
Ion Ratio Lower Upper
107 100
144 25.9 19.0 28.4
142 75.4 58.4 87.6



#36
2-Methylnaphthalene
Concen: 32.764 ng/ul
RT: 12.377 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:142 Resp: 250095
Ion Ratio Lower Upper
142 100
141 89.8 69.4 104.2





#37

1-Methylnaphthalene

Concen: 32.729 ng/ul

RT: 12.600 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

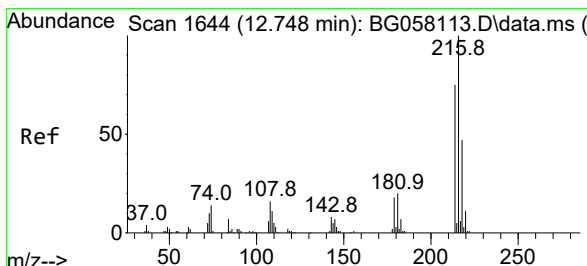
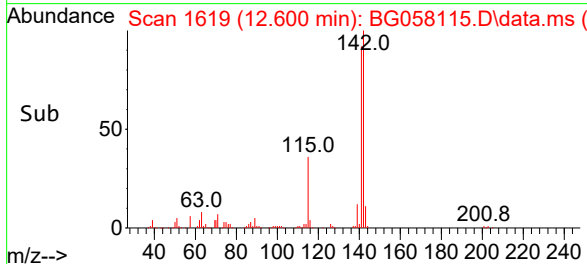
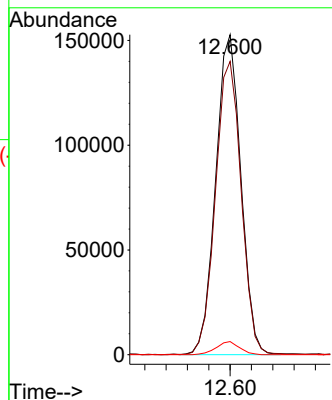
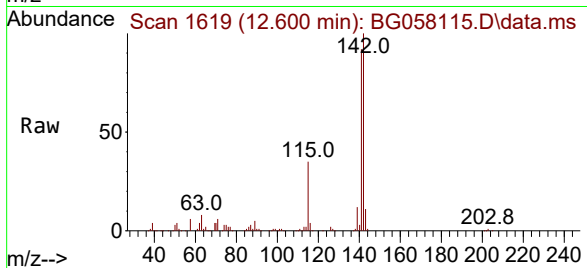
Tgt Ion:142 Resp: 250526

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8

116 4.1 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.855 ng/ul

RT: 12.747 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Tgt Ion:216 Resp: 143263

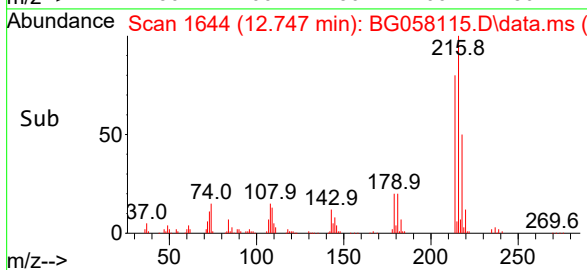
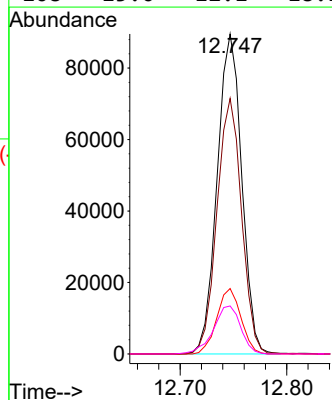
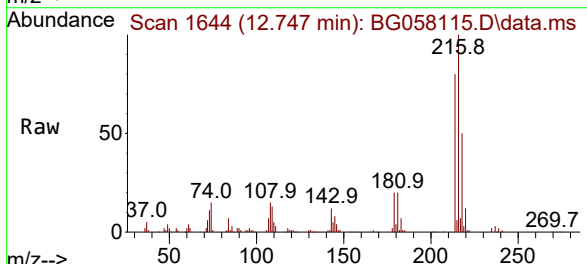
Ion Ratio Lower Upper

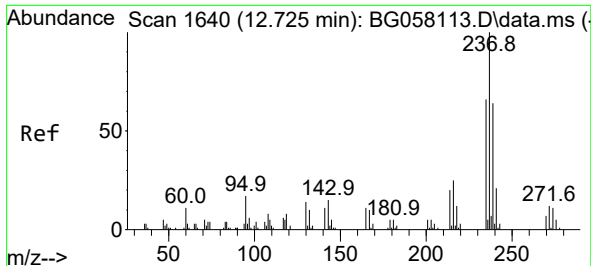
216 100

214 79.8 64.1 96.1

179 20.5 16.0 24.0

108 15.0 12.1 18.1

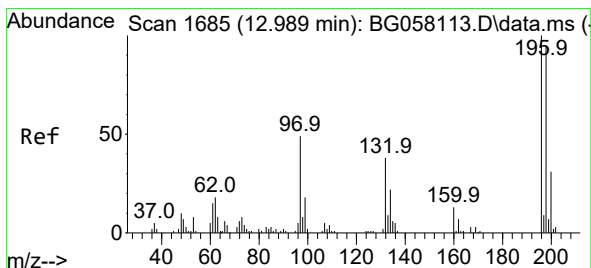
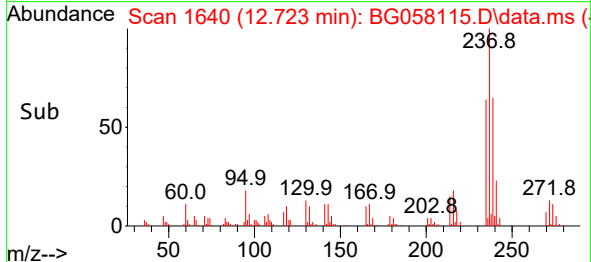
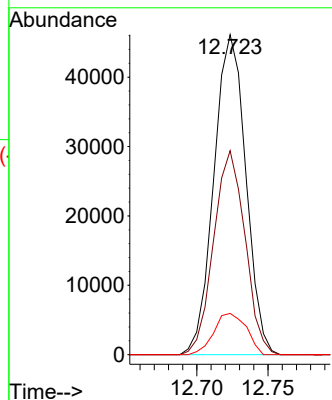
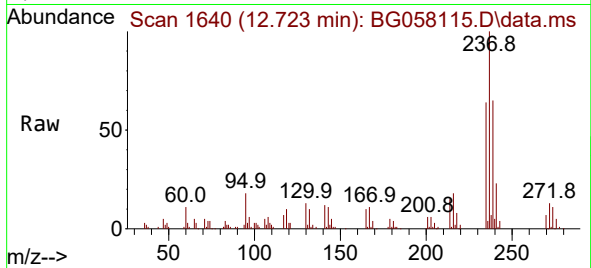




#40
Hexachlorocyclopentadiene
Concen: 24.649 ng/ul
RT: 12.723 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

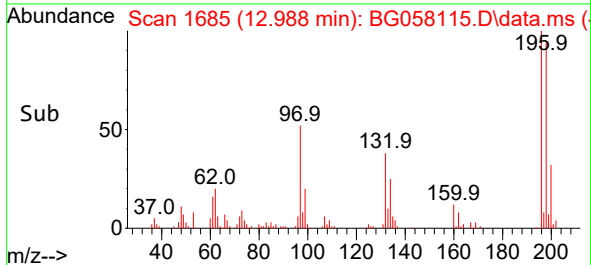
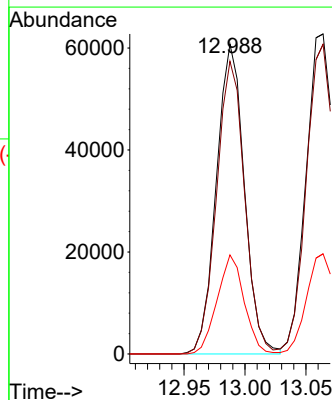
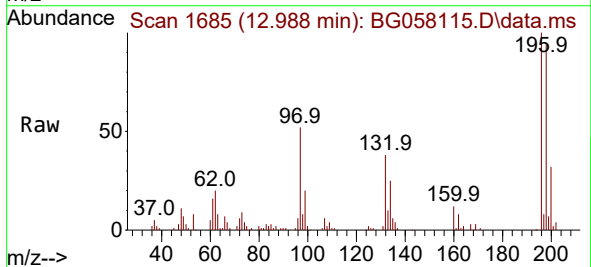
Instrument :
BNA_G
ClientSampleId :
SLCS885

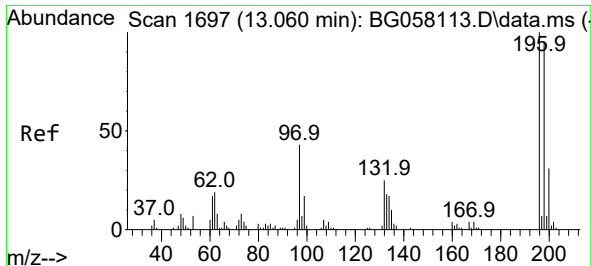
Tgt Ion:237 Resp: 72088
Ion Ratio Lower Upper
237 100
235 63.8 49.2 73.8
272 13.6 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 30.801 ng/ul
RT: 12.988 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:196 Resp: 96930
Ion Ratio Lower Upper
196 100
198 94.5 73.5 110.3
200 32.0 24.8 37.2

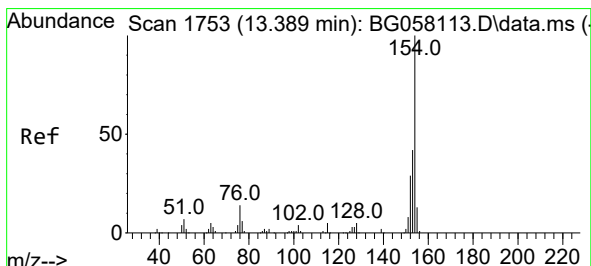
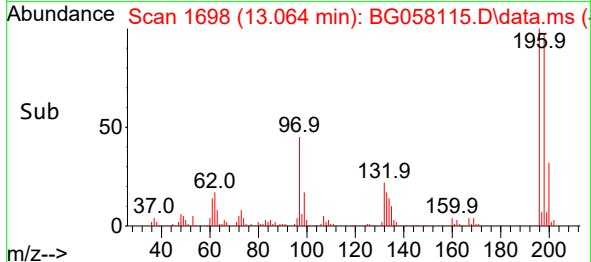
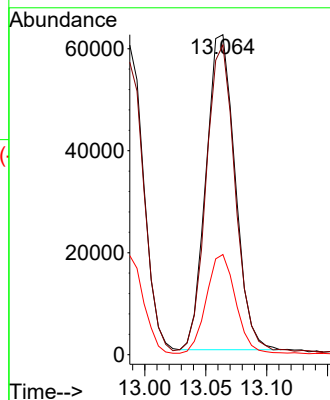
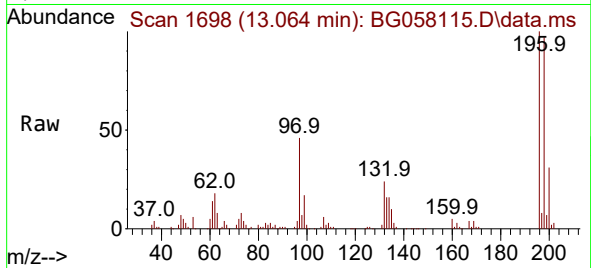




#42
2,4,5-Trichlorophenol
Concen: 30.201 ng/ul
RT: 13.064 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

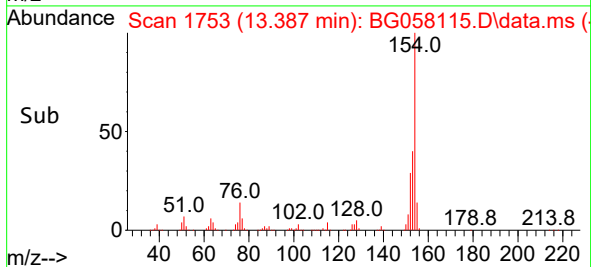
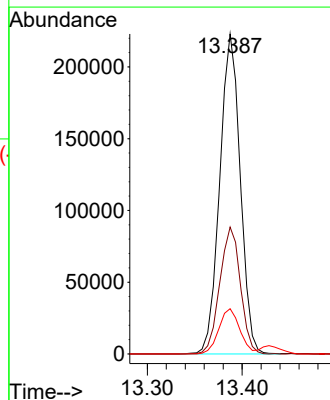
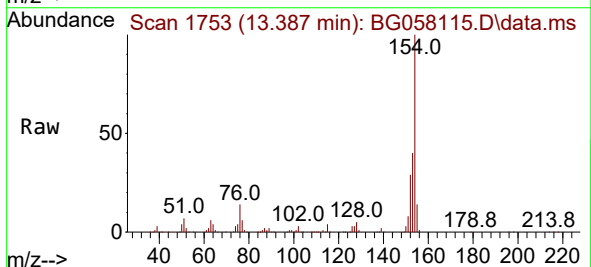
Instrument :
BNA_G
ClientSampleId :
SLCS885

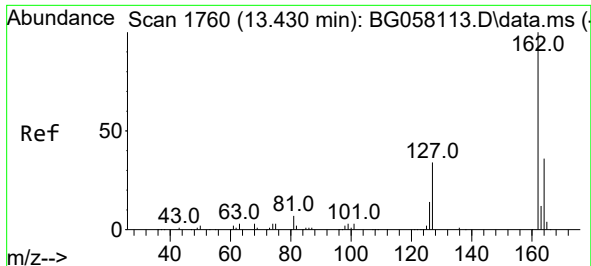
Tgt Ion:196 Resp: 102783
Ion Ratio Lower Upper
196 100
198 96.8 77.2 115.8
200 31.3 23.8 35.6



#43
1,1'-Biphenyl
Concen: 30.554 ng/ul
RT: 13.387 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:154 Resp: 335472
Ion Ratio Lower Upper
154 100
153 39.6 32.6 49.0
76 14.1 11.6 17.4

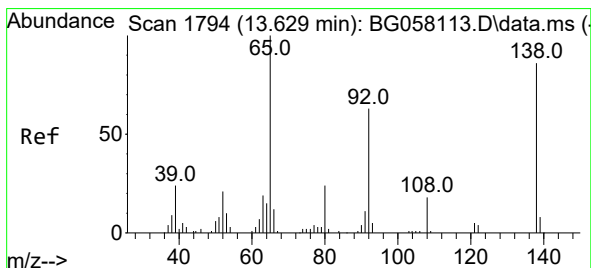
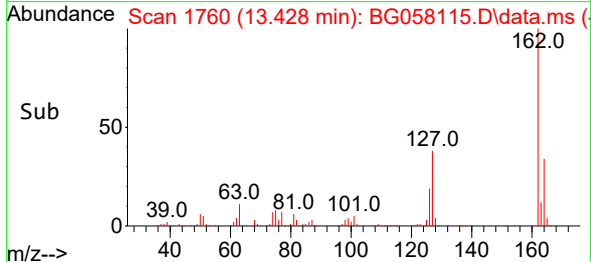
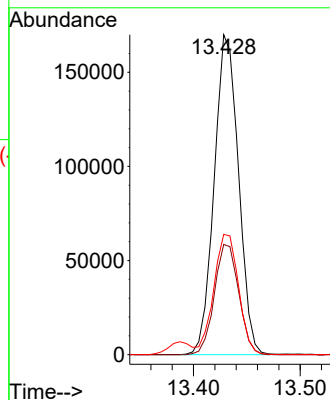
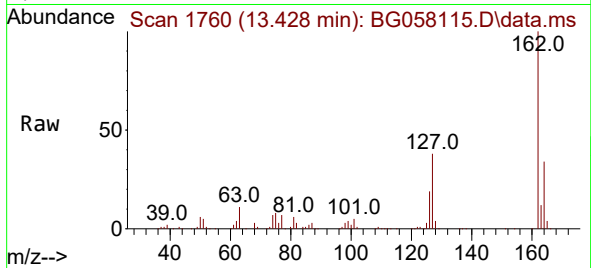




#44
2-Chloronaphthalene
Concen: 30.534 ng/ul
RT: 13.428 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

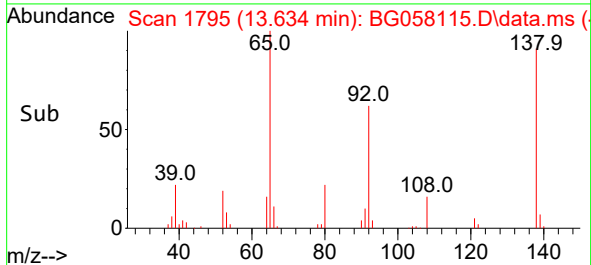
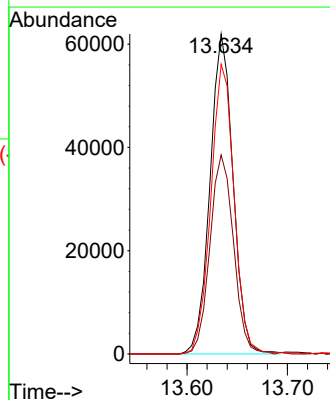
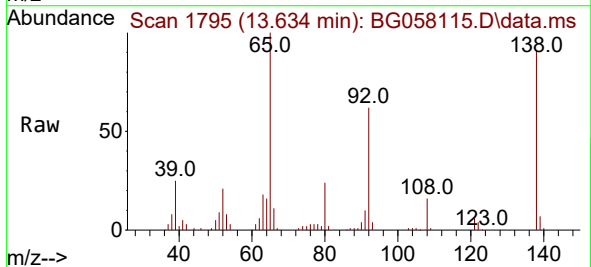
Instrument :
BNA_G
ClientSampleId :
SLCS885

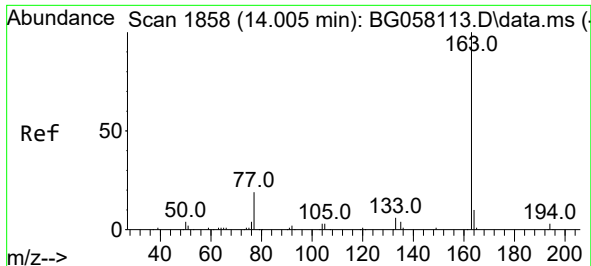
Tgt Ion:162 Resp: 269067
Ion Ratio Lower Upper
162 100
164 34.5 27.7 41.5
127 37.6 30.9 46.3



#45
2-Nitroaniline
Concen: 32.298 ng/ul
RT: 13.634 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion: 65 Resp: 98953
Ion Ratio Lower Upper
65 100
92 62.2 53.2 79.8
138 90.6 71.1 106.7

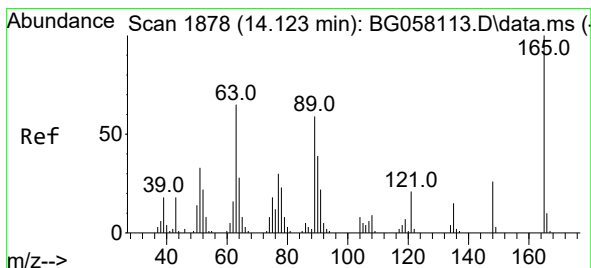
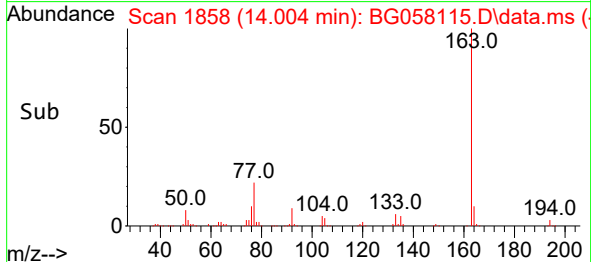
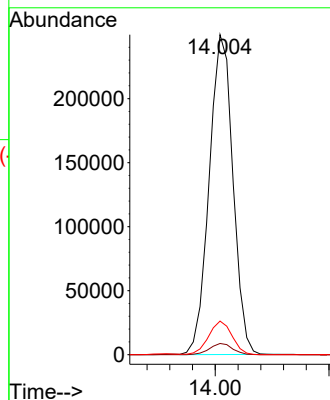
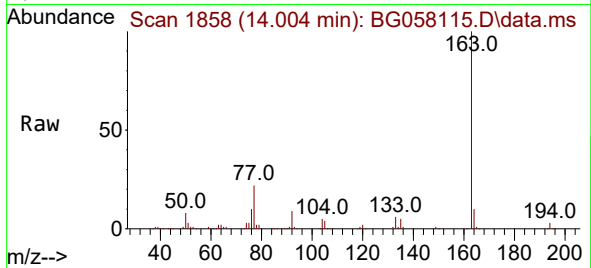




#47
Dimethylphthalate
Concen: 29.984 ng/ul
RT: 14.004 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

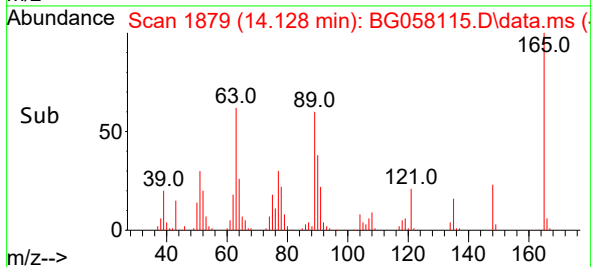
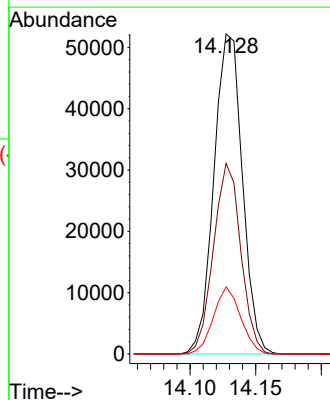
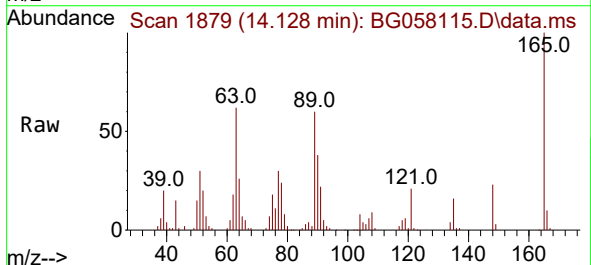
Instrument :
BNA_G
ClientSampleId :
SLCS885

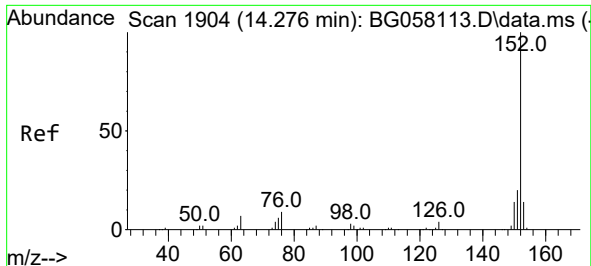
Tgt Ion:163 Resp: 362135
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 31.785 ng/ul
RT: 14.128 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:165 Resp: 78797
Ion Ratio Lower Upper
165 100
89 59.6 42.7 64.1
121 20.9 14.8 22.2

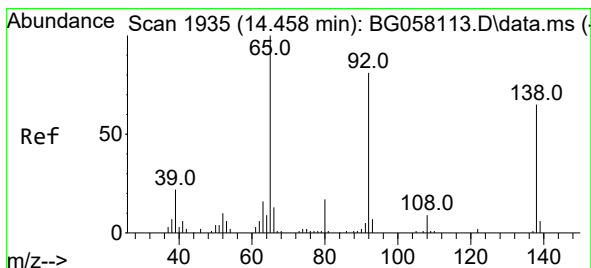
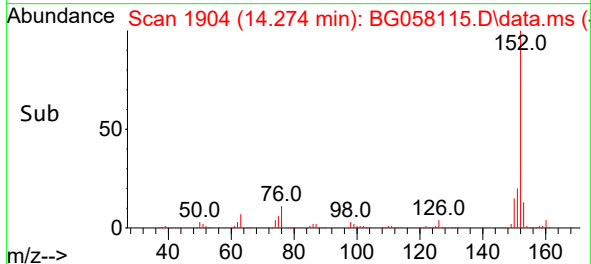
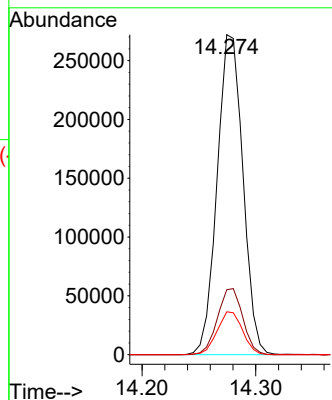
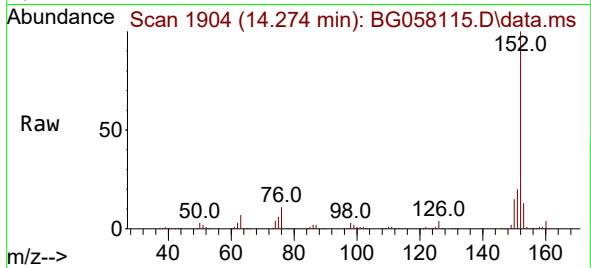




#50
Acenaphthylene
Concen: 30.269 ng/ul
RT: 14.274 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

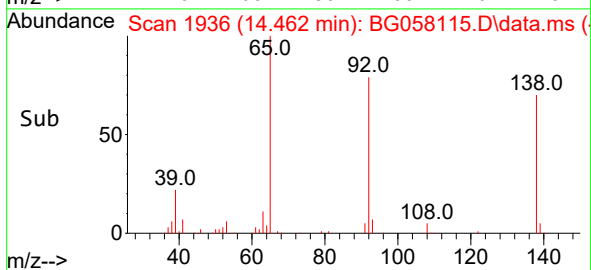
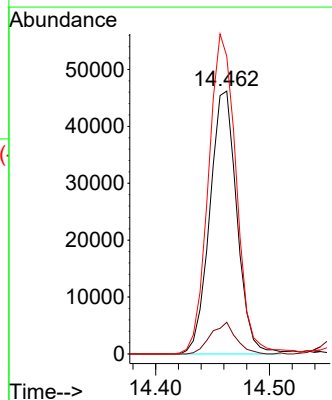
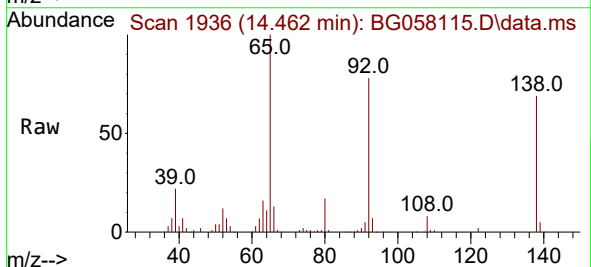
Instrument :
BNA_G
ClientSampleId :
SLCS885

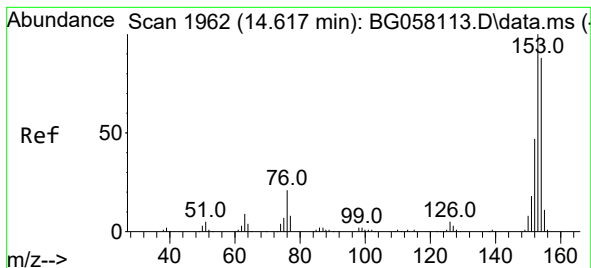
Tgt Ion:152 Resp: 428792
Ion Ratio Lower Upper
152 100
151 20.3 15.6 23.4
153 13.4 10.5 15.7



#51
3-Nitroaniline
Concen: 36.513 ng/ul
RT: 14.462 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:138 Resp: 76497
Ion Ratio Lower Upper
138 100
108 12.0 8.2 12.2
92 113.3 100.2 150.4





#52

Acenaphthene

Concen: 30.489 ng/ul

RT: 14.621 min Scan# 1963

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

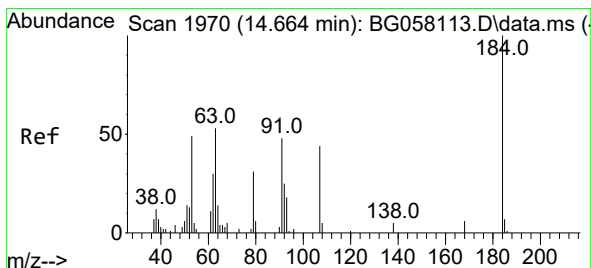
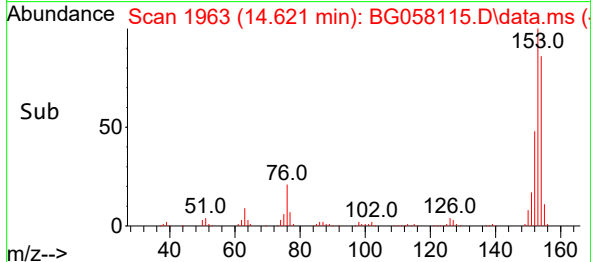
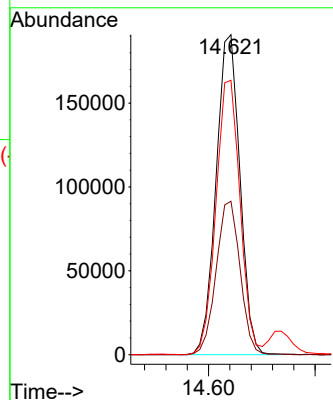
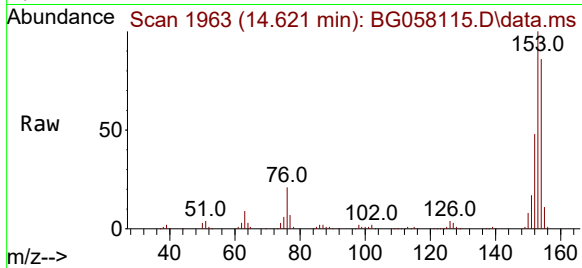
Tgt Ion:153 Resp: 296380

Ion Ratio Lower Upper

153 100

152 48.0 36.5 54.7

154 85.8 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 30.529 ng/ul

RT: 14.668 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

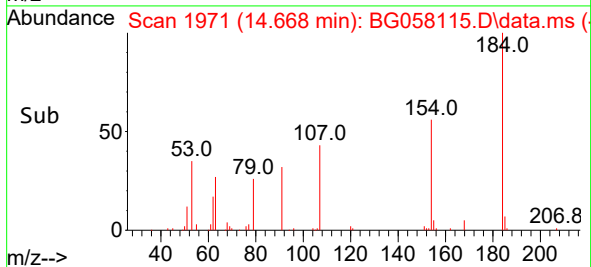
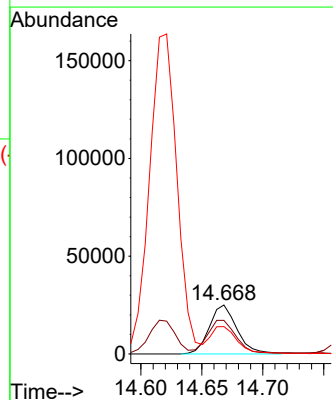
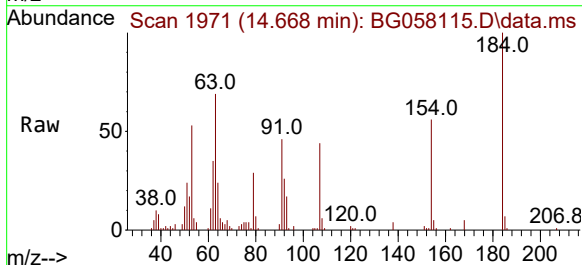
Tgt Ion:184 Resp: 39457

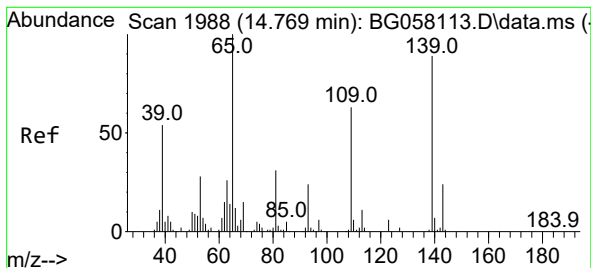
Ion Ratio Lower Upper

184 100

63 68.5 51.1 76.7

154 56.0 43.3 64.9

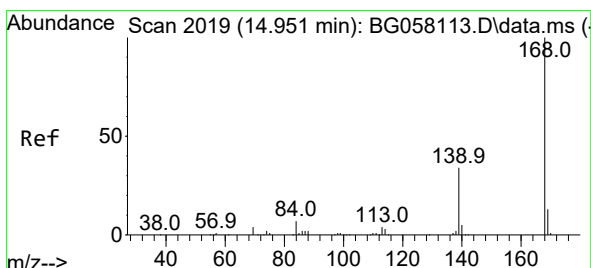
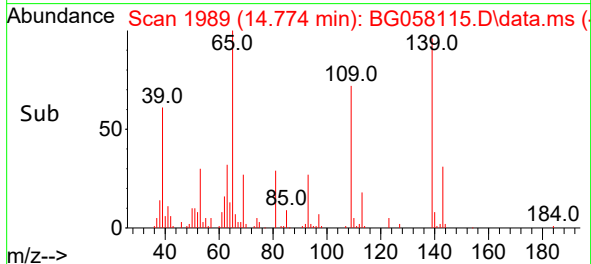
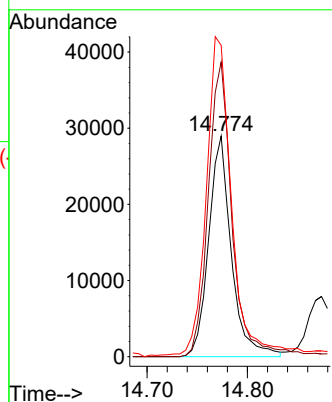
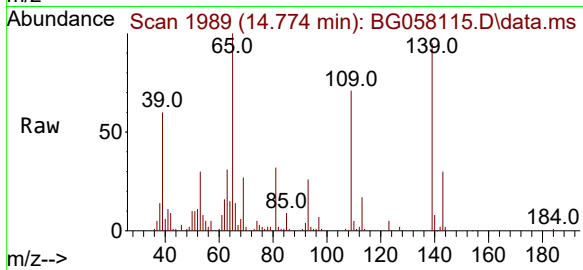




#55
4-Nitrophenol
Concen: 28.918 ng/ul
RT: 14.774 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

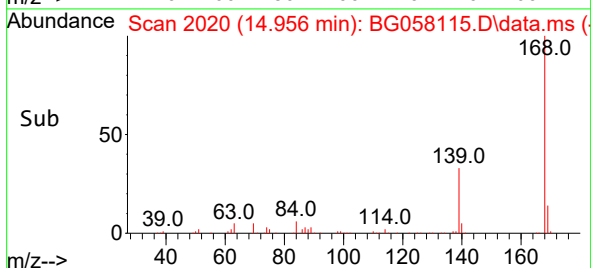
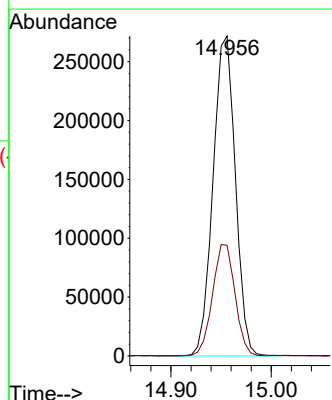
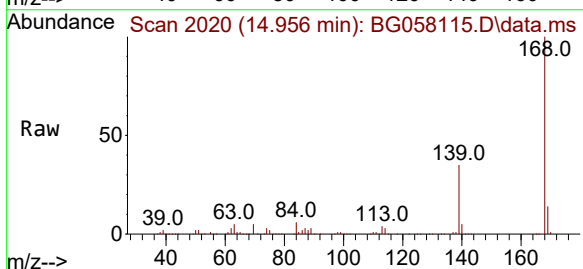
Instrument :
BNA_G
ClientSampleId :
SLCS885

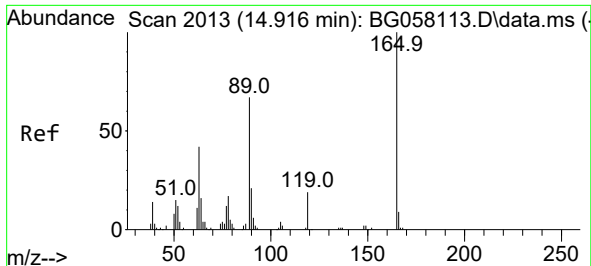
Tgt Ion:109 Resp: 45500
Ion Ratio Lower Upper
109 100
139 133.6 119.0 178.4
65 141.1 135.5 203.3



#56
Dibenzofuran
Concen: 30.418 ng/ul
RT: 14.956 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:168 Resp: 420314
Ion Ratio Lower Upper
168 100
139 34.6 27.6 41.4

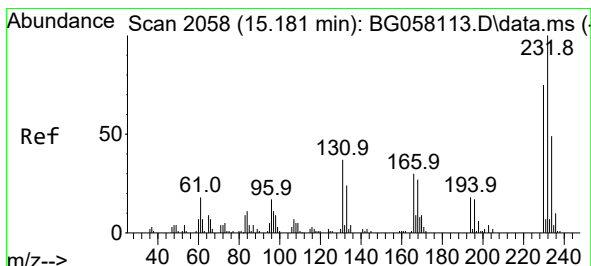
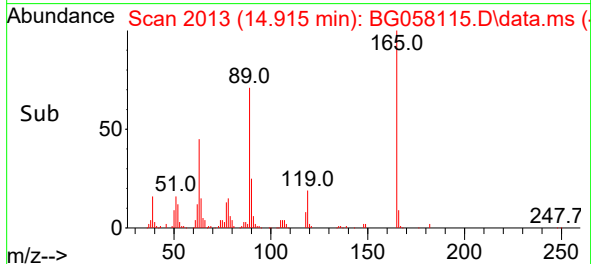
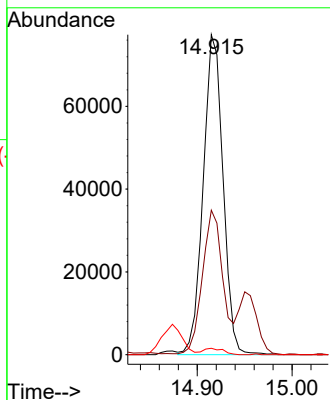
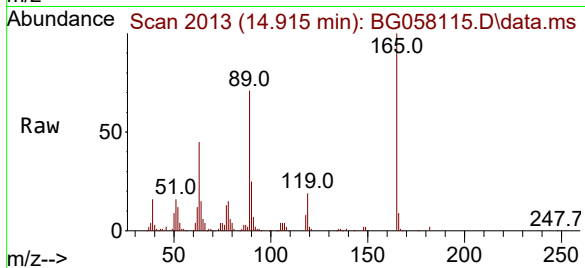




#57
2,4-Dinitrotoluene
Concen: 32.026 ng/ul
RT: 14.915 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

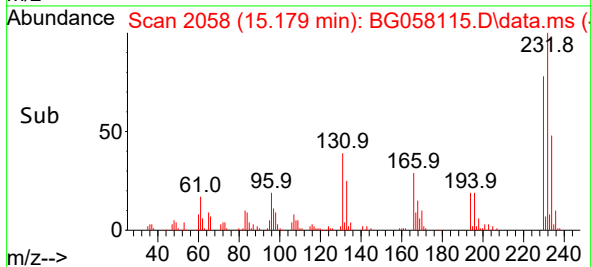
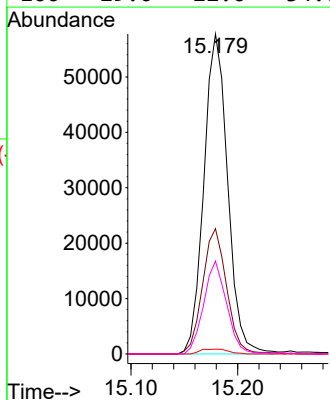
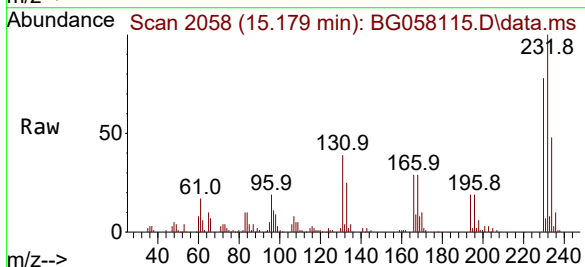
Instrument :
BNA_G
ClientSampleId :
SLCS885

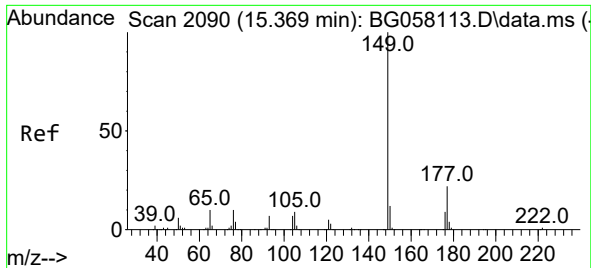
Tgt Ion:165 Resp: 112490
Ion Ratio Lower Upper
165 100
63 45.1 35.8 53.8
182 2.0 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.896 ng/ul
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:232 Resp: 89527
Ion Ratio Lower Upper
232 100
131 39.1 30.5 45.7
130 1.5 1.4 2.0
166 29.0 22.6 34.0

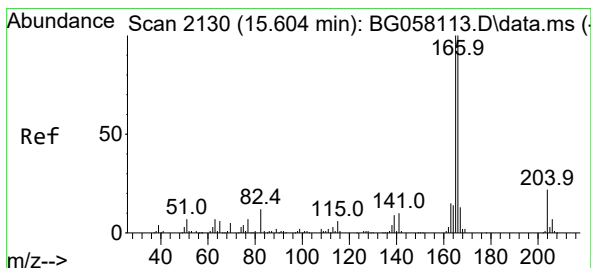
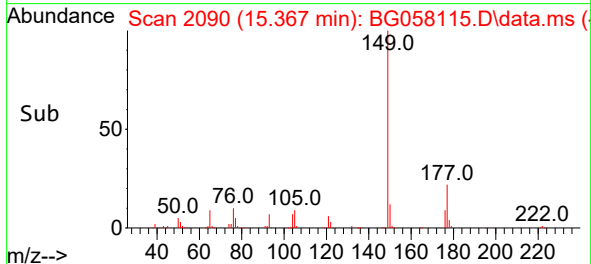
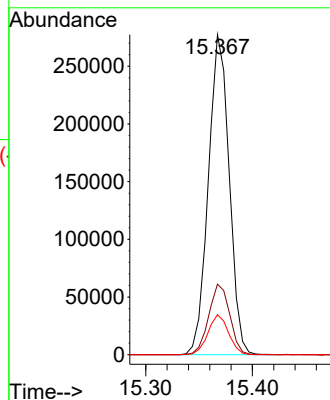
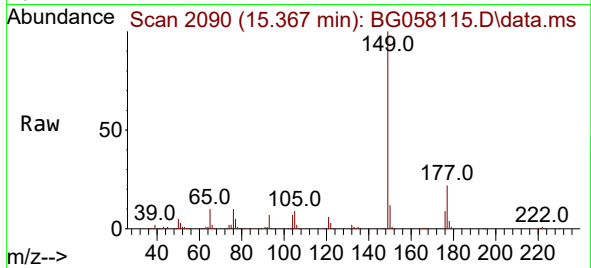




#59
Diethylphthalate
Concen: 29.866 ng/ul
RT: 15.367 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

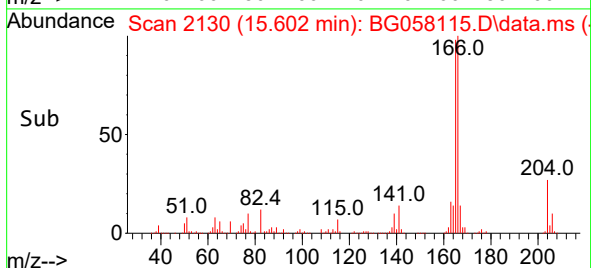
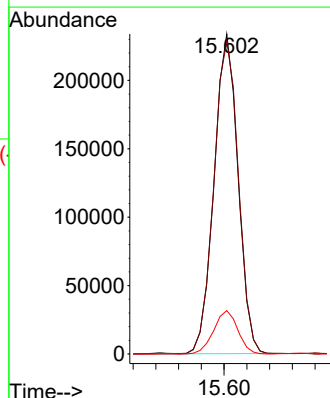
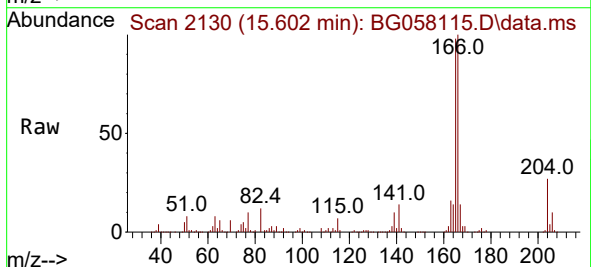
Instrument :
BNA_G
ClientSampleId :
SLCS885

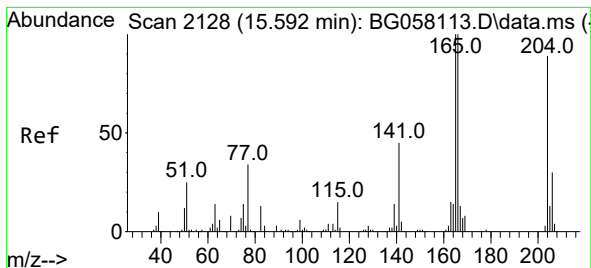
Tgt Ion:149 Resp: 376485
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 30.071 ng/ul
RT: 15.602 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:166 Resp: 340944
Ion Ratio Lower Upper
166 100
165 97.8 79.1 118.7
167 13.6 10.7 16.1

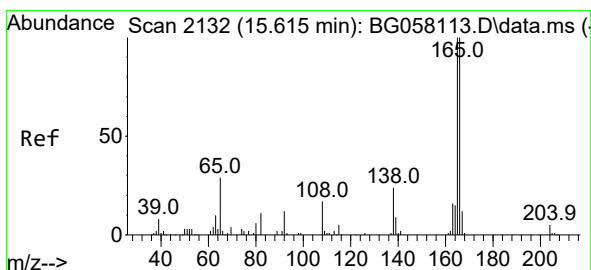
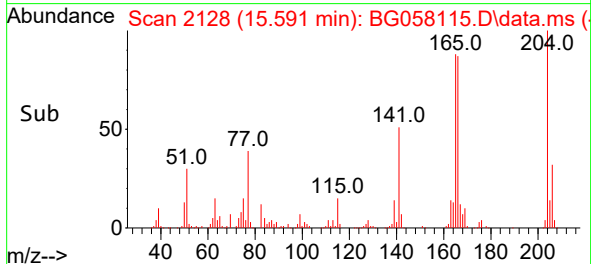
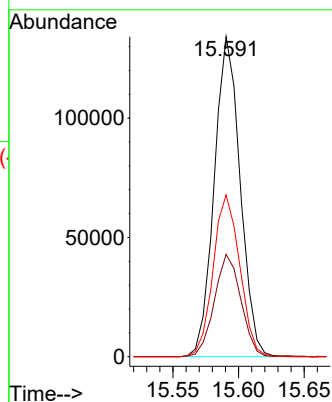
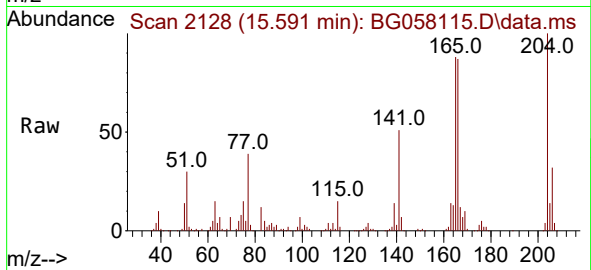




#62
4-Chlorophenyl-phenylether
Concen: 30.674 ng/ul
RT: 15.591 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

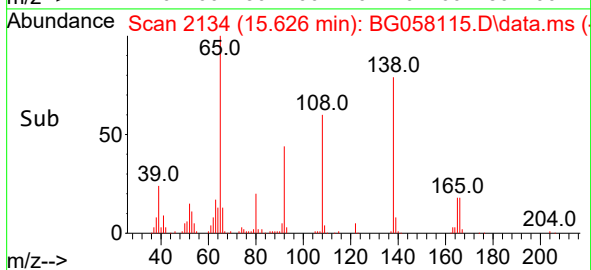
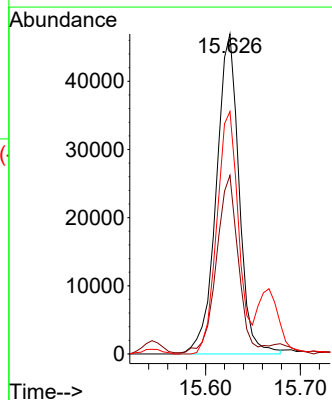
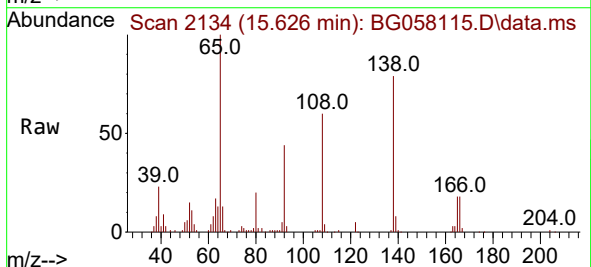
Instrument :
BNA_G
ClientSampleId :
SLCS885

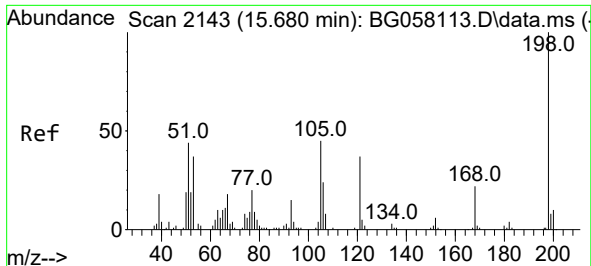
Tgt Ion:204 Resp: 184018
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 50.6 41.8 62.6



#63
4-Nitroaniline
Concen: 41.768 ng/ul
RT: 15.626 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:138 Resp: 78389
Ion Ratio Lower Upper
138 100
92 55.8 43.8 65.8
108 75.7 58.8 88.2

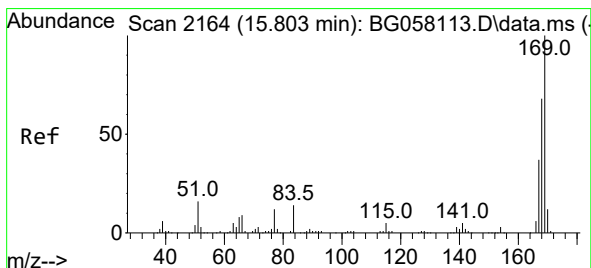
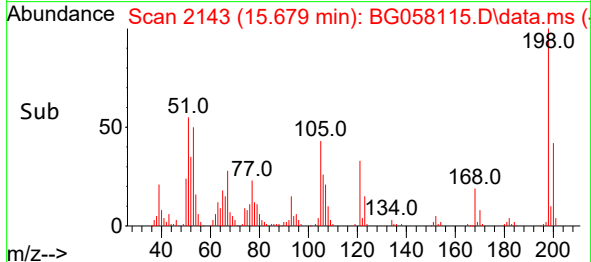
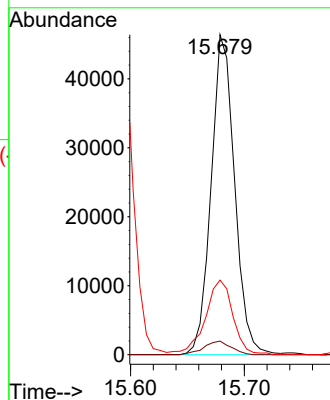
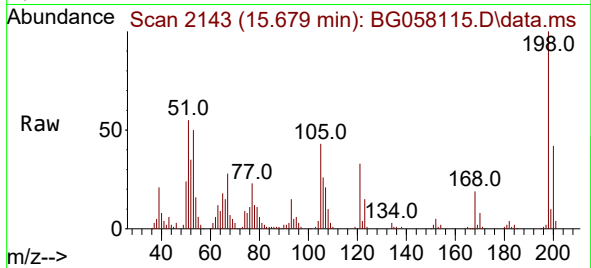




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.908 ng/ul
 RT: 15.679 min Scan# 2143
 Delta R.T. 0.000 min
 Lab File: BG058115.D
 Acq: 9 Jul 2023 7:05

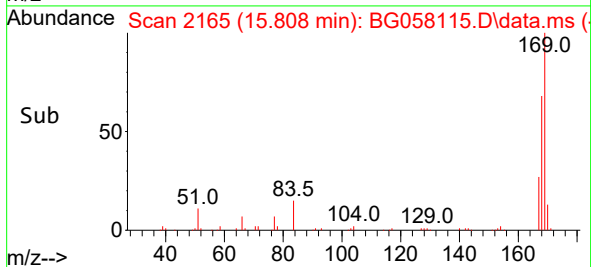
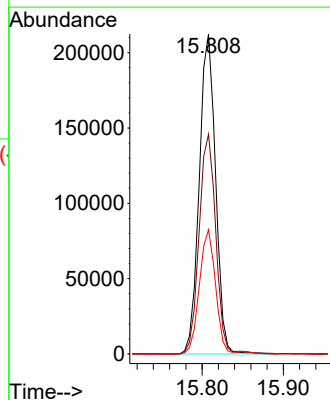
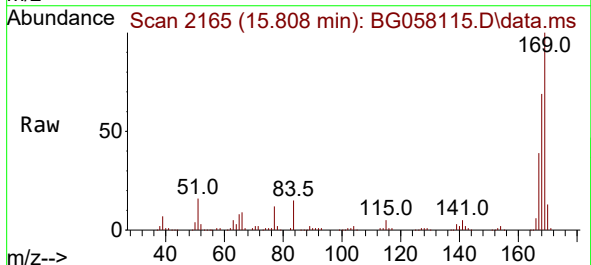
Instrument :
 BNA_G
 ClientSampleId :
 SLCS885

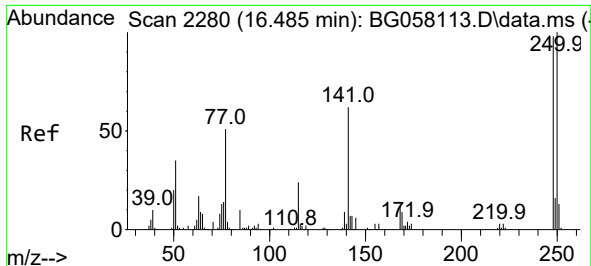
Tgt Ion:198 Resp: 66645
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.1 4.7
 77 23.3 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 29.665 ng/ul
 RT: 15.808 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: BG058115.D
 Acq: 9 Jul 2023 7:05

Tgt Ion:169 Resp: 296950
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.2 81.2
 167 38.8 30.8 46.2

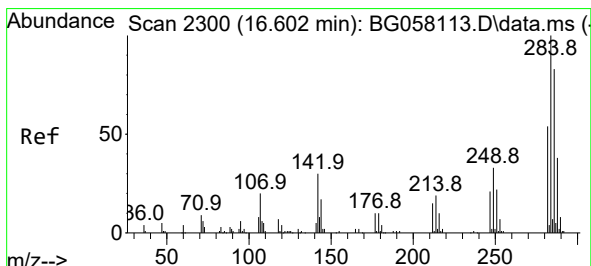
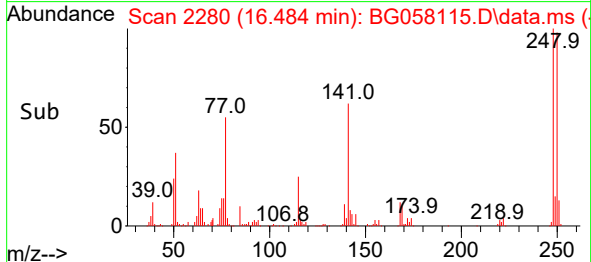
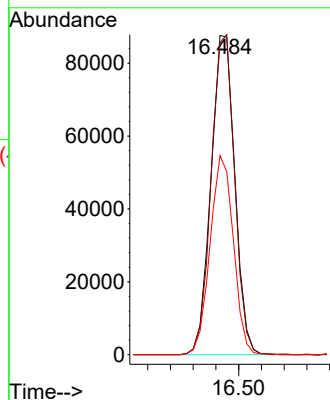
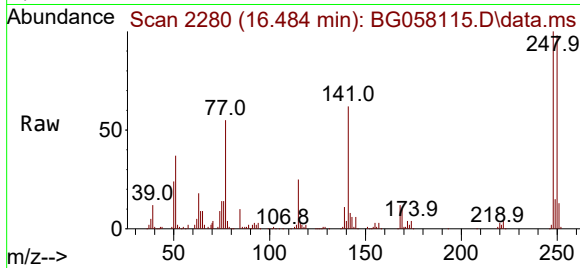




#68
4-Bromophenyl-phenylether
Concen: 30.894 ng/ul
RT: 16.484 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

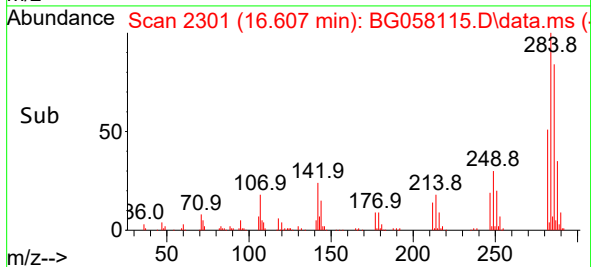
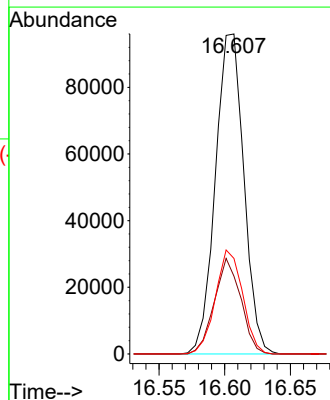
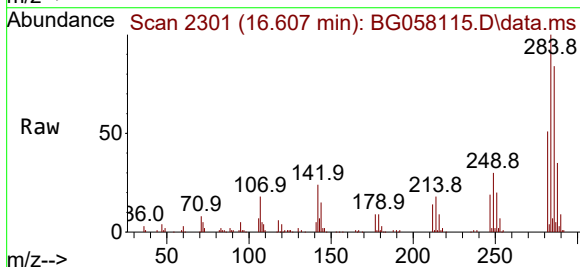
Instrument :
BNA_G
ClientSampleId :
SLCS885

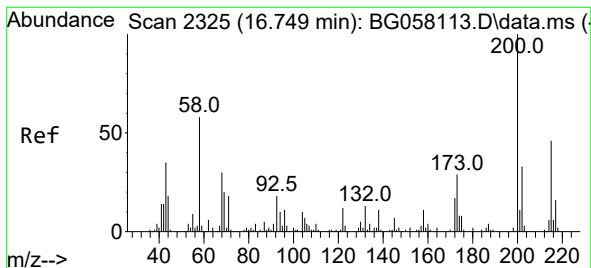
Tgt Ion:248 Resp: 127551
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 62.3 49.1 73.7



#69
Hexachlorobenzene
Concen: 31.314 ng/ul
RT: 16.607 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:284 Resp: 144751
Ion Ratio Lower Upper
284 100
142 24.3 21.9 32.9
249 29.9 25.0 37.6





#70

Atrazine

Concen: 17.207 ng/ul

RT: 16.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

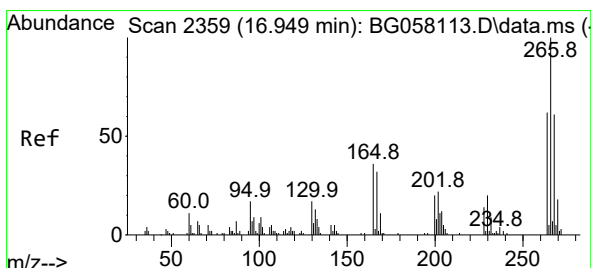
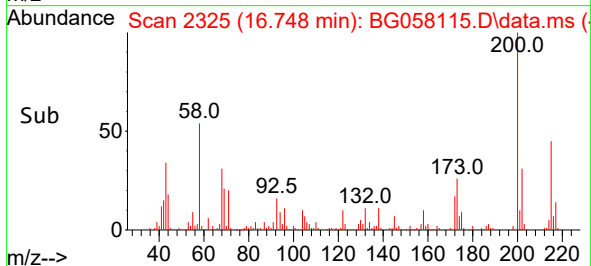
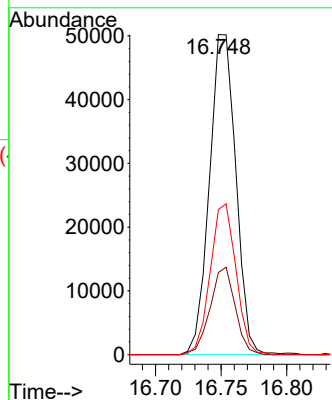
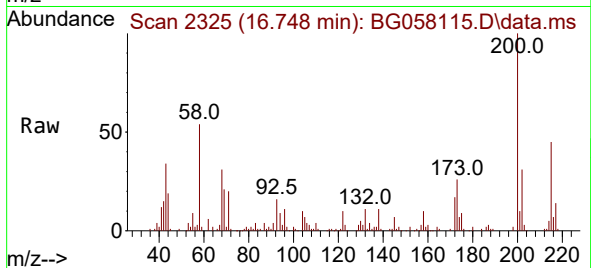
Tgt Ion:200 Resp: 70435

Ion Ratio Lower Upper

200 100

173 25.7 20.0 30.0

215 45.4 35.8 53.8



#71

Pentachlorophenol

Concen: 26.028 ng/ul

RT: 16.948 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

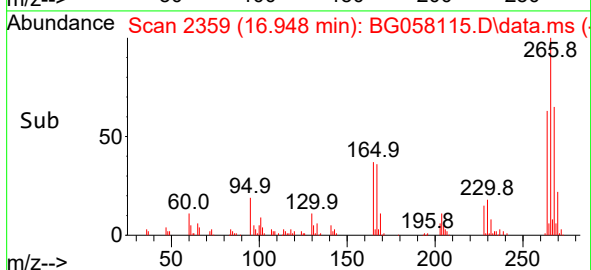
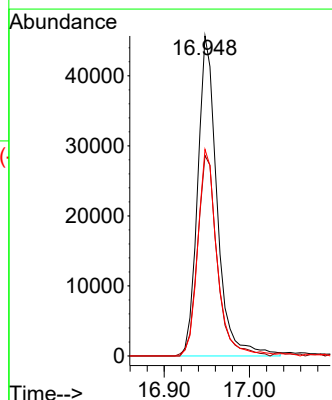
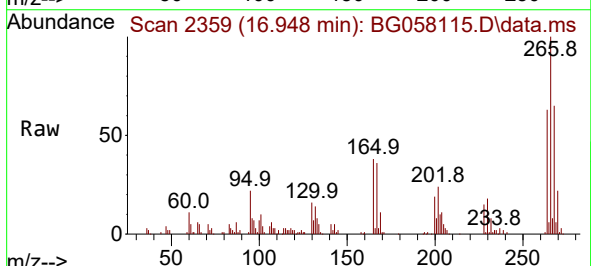
Tgt Ion:266 Resp: 72231

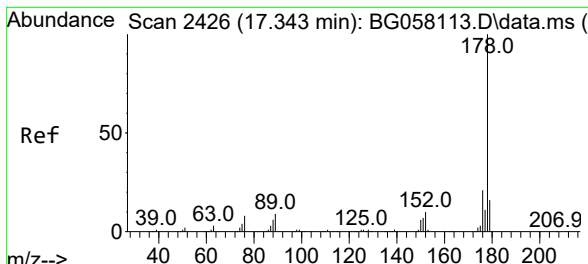
Ion Ratio Lower Upper

266 100

264 62.6 51.5 77.3

268 64.6 49.0 73.4



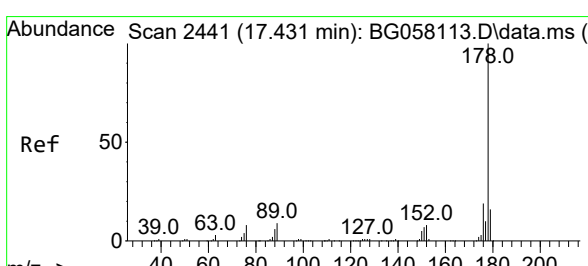
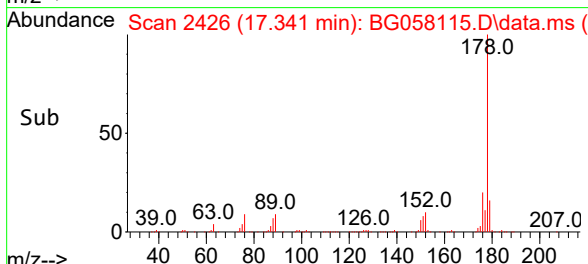
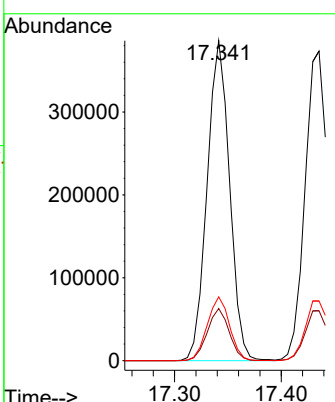
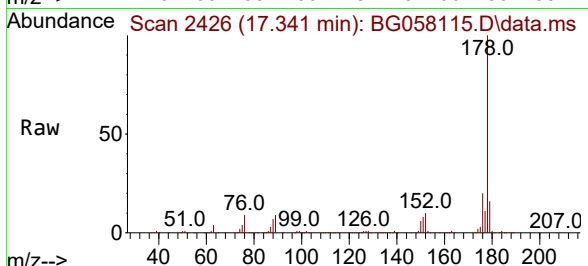


#72
 Phenanthrene
 Concen: 29.469 ng/ul
 RT: 17.341 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BG058115.D
 Acq: 9 Jul 2023 7:05

Instrument :
 BNA_G
 ClientSampleId :
 SLCS885

Tgt Ion:178 Resp: 563812

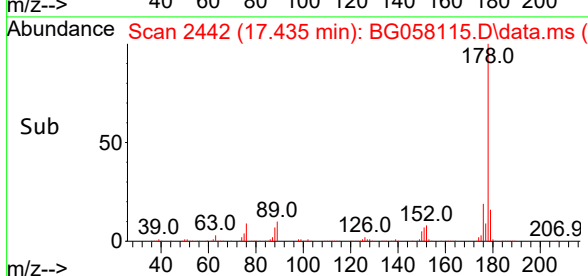
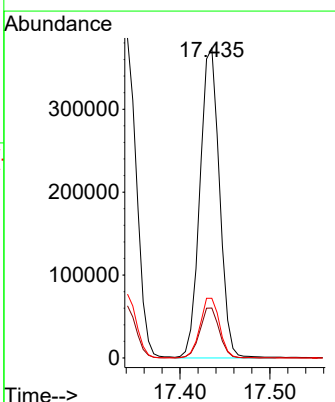
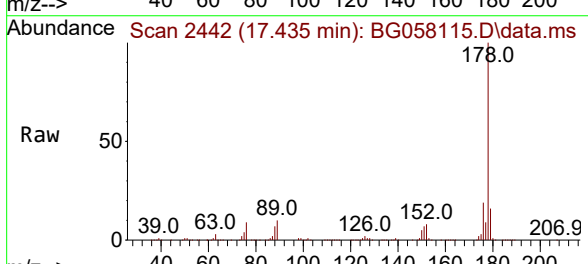
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	20.0	15.7	23.5

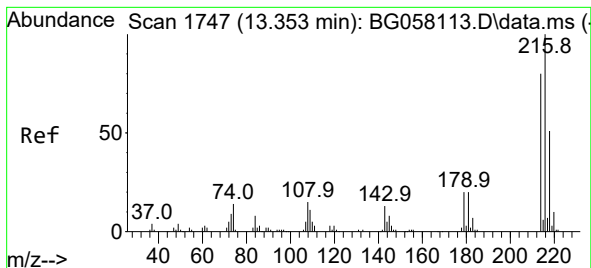


#74
 Anthracene
 Concen: 29.201 ng/ul
 RT: 17.435 min Scan# 2442
 Delta R.T. 0.006 min
 Lab File: BG058115.D
 Acq: 9 Jul 2023 7:05

Tgt Ion:178 Resp: 565368

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	19.3	15.4	23.2

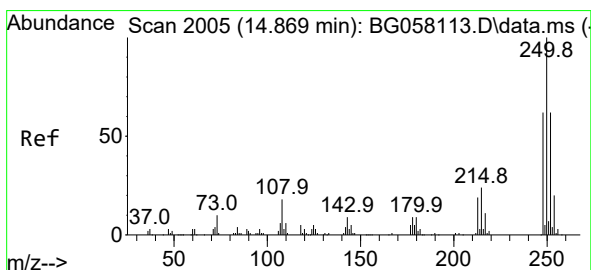
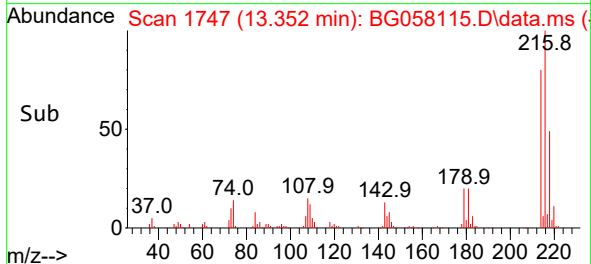
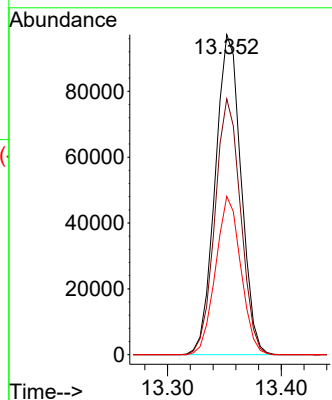
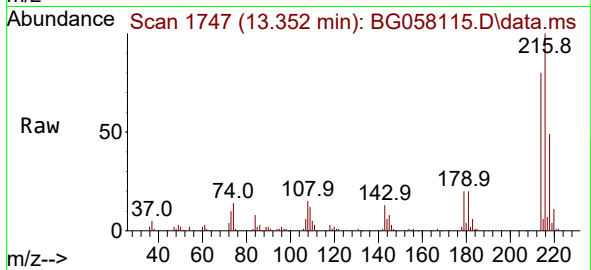




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.828 ng/uL
RT: 13.352 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

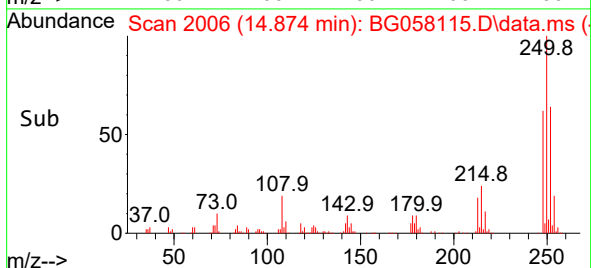
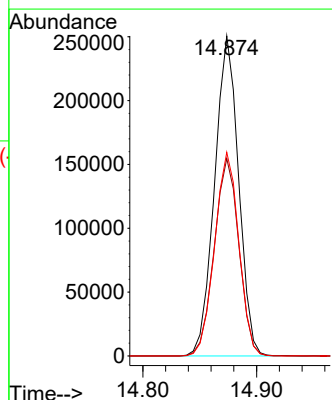
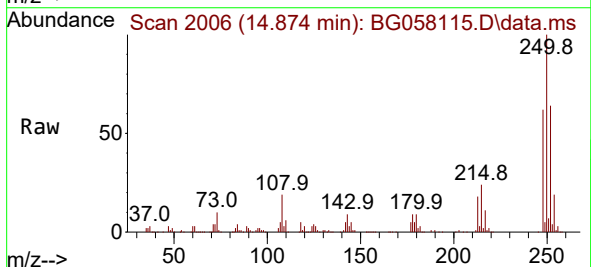
Instrument :
BNA_G
ClientSampleId :
SLCS885

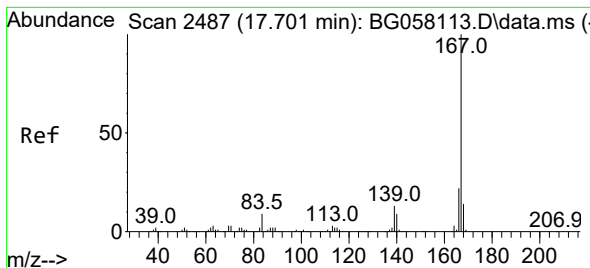
Tgt Ion:216 Resp: 153781
Ion Ratio Lower Upper
216 100
214 79.9 64.8 97.2
218 49.5 39.1 58.7



#76
Pentachlorobenzene
Concen: 69.037 ng/uL
RT: 14.874 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:250 Resp: 367798
Ion Ratio Lower Upper
250 100
248 61.7 52.8 79.2
252 63.6 52.4 78.6





#77

Carbazole

Concen: 30.118 ng/ul

RT: 17.700 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

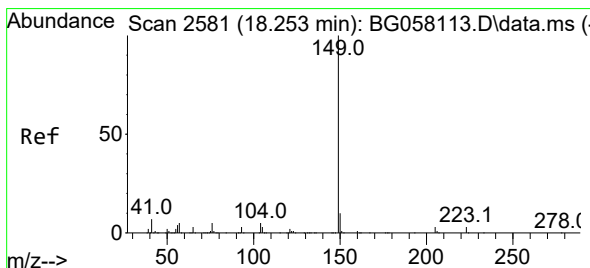
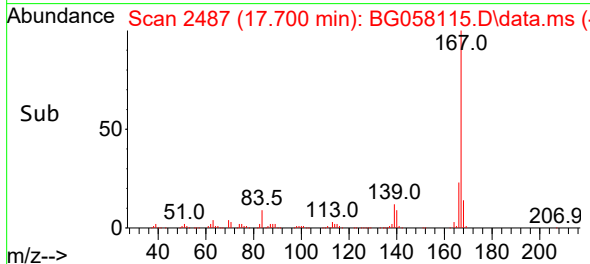
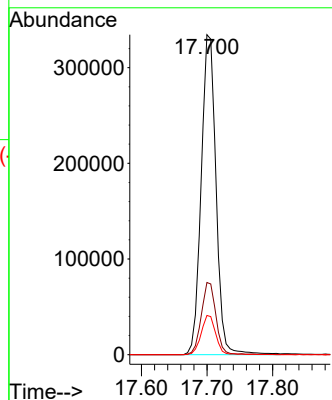
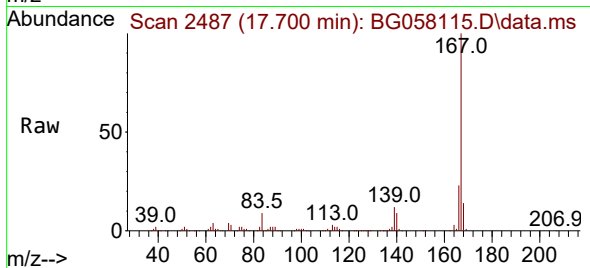
Tgt Ion:167 Resp: 527372

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

139 12.2 9.5 14.3



#78

Di-n-butylphthalate

Concen: 30.012 ng/ul

RT: 18.258 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

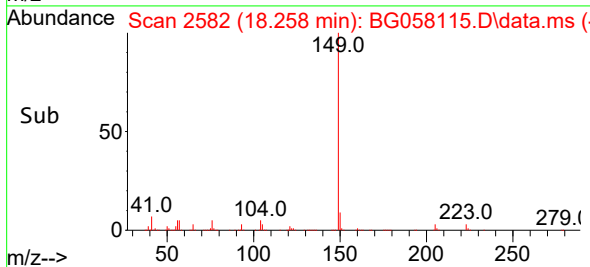
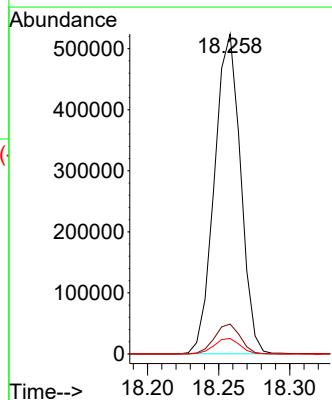
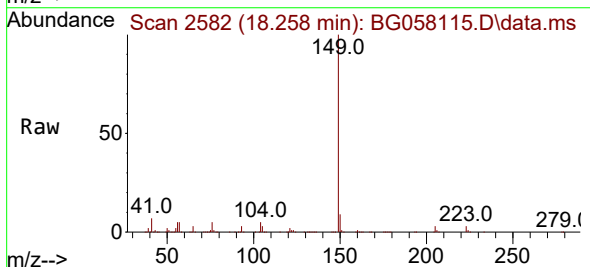
Tgt Ion:149 Resp: 669425

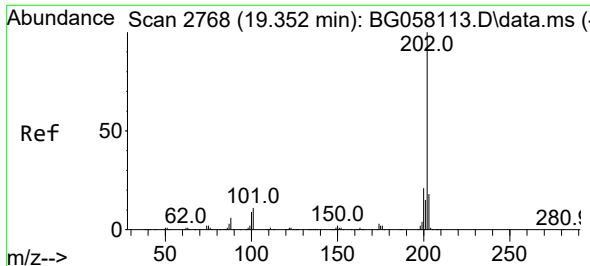
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 3.9 5.9

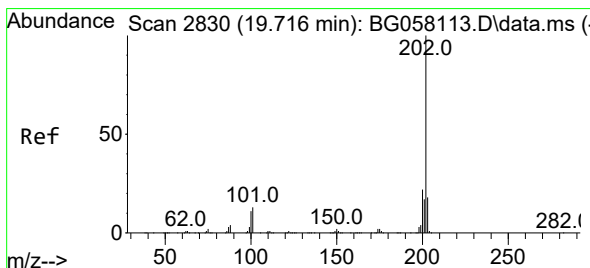
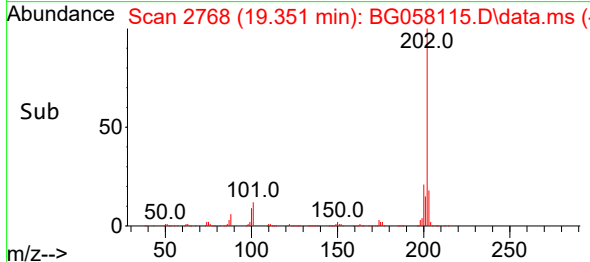
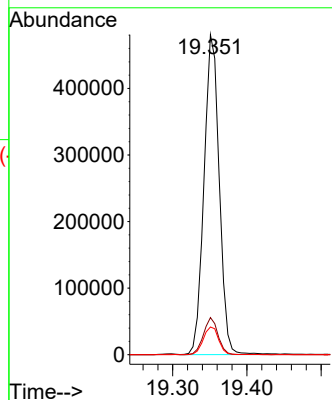
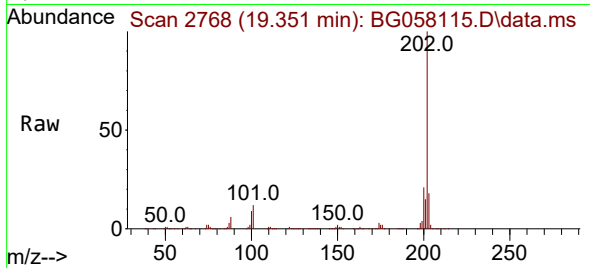




#80
Fluoranthene
Concen: 28.816 ng/ul
RT: 19.351 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

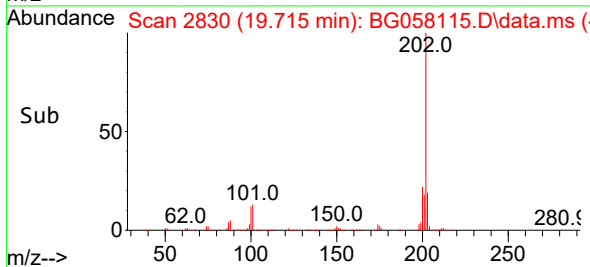
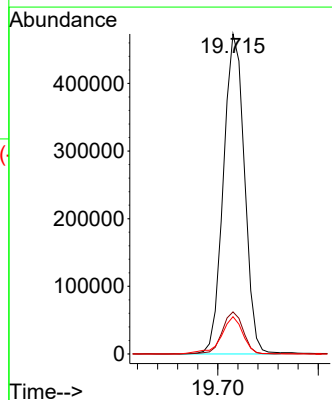
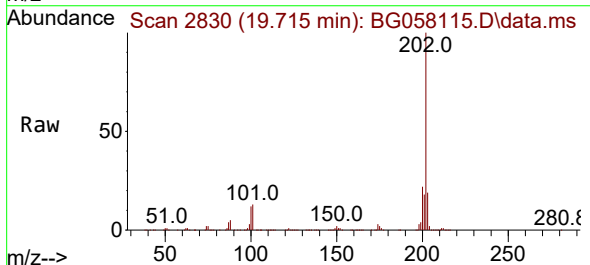
Instrument :
BNA_G
ClientSampleId :
SLCS885

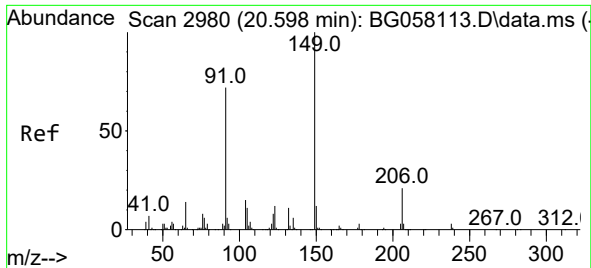
Tgt Ion:202 Resp: 686160
Ion Ratio Lower Upper
202 100
101 11.6 9.1 13.7
100 8.7 7.1 10.7



#82
Pyrene
Concen: 28.714 ng/ul
RT: 19.715 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:202 Resp: 688251
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.2
100 11.7 8.9 13.3

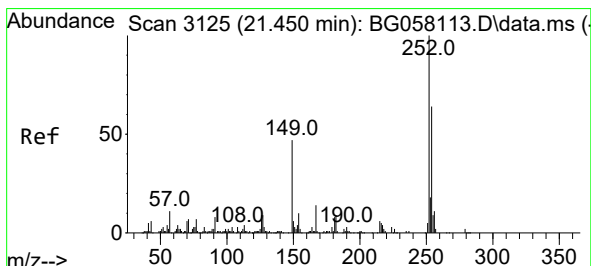
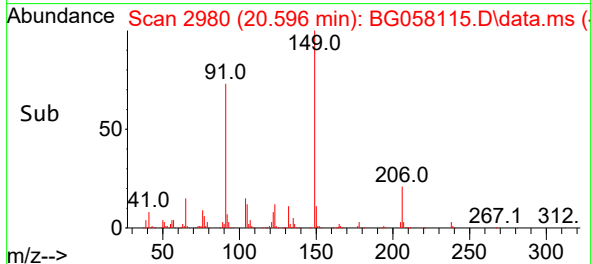
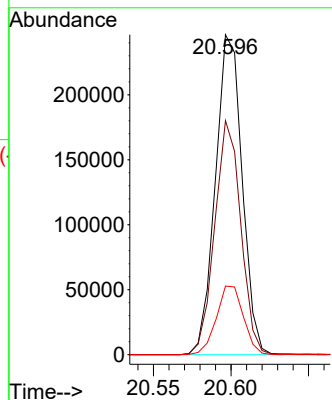
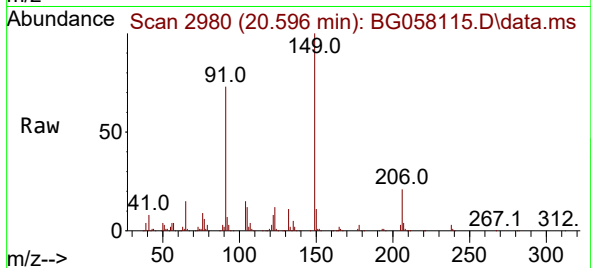




#83
Butylbenzylphthalate
Concen: 30.400 ng/ul
RT: 20.596 min Scan# 2980
Delta R.T. 0.000 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

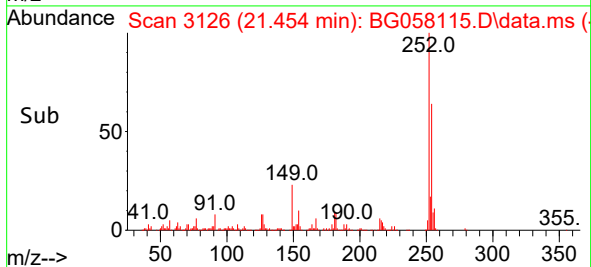
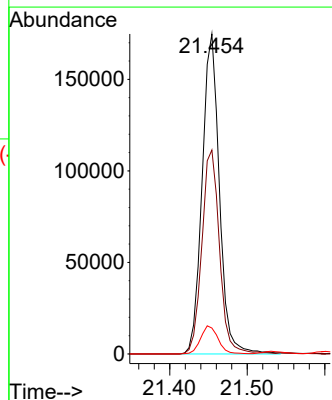
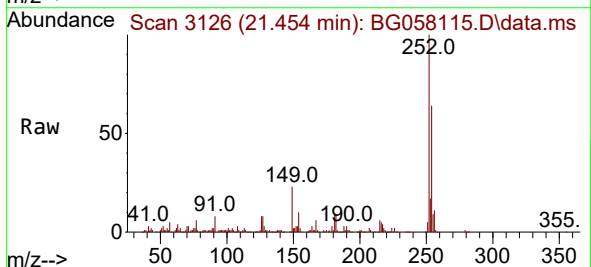
Instrument :
BNA_G
ClientSampleId :
SLCS885

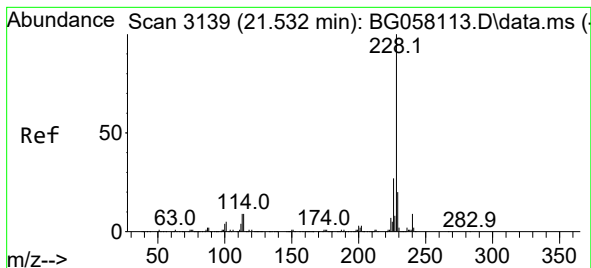
Tgt Ion:149 Resp: 295475
Ion Ratio Lower Upper
149 100
91 73.1 56.5 84.7
206 21.4 17.4 26.0



#84
3,3'-Dichlorobenzidine
Concen: 34.237 ng/ul
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:252 Resp: 270444
Ion Ratio Lower Upper
252 100
254 63.8 50.7 76.1
126 8.1 6.6 10.0





#85

Benzo(a)anthracene

Concen: 29.992 ng/ul

RT: 21.537 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

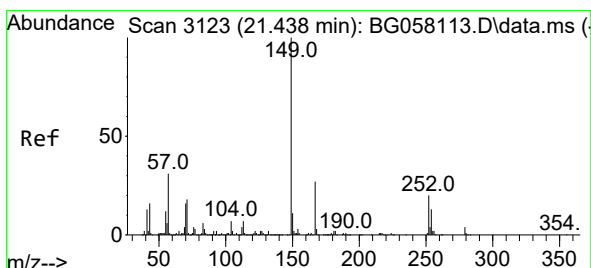
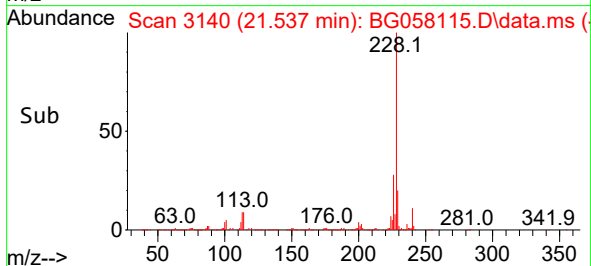
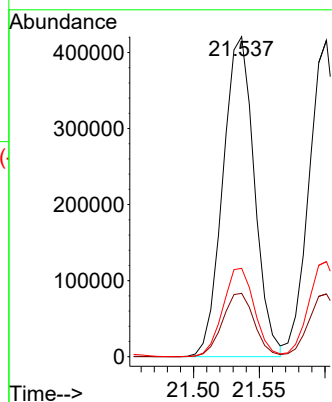
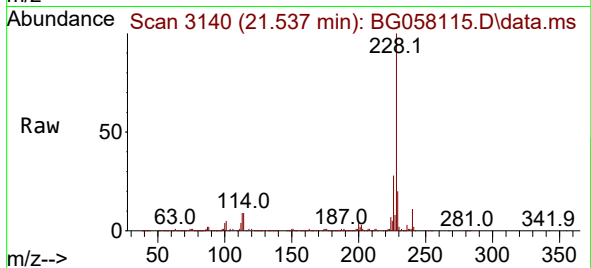
Tgt Ion:228 Resp: 702641

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

226 27.6 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.470 ng/ul

RT: 21.437 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

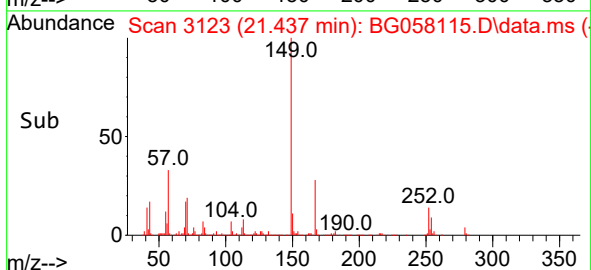
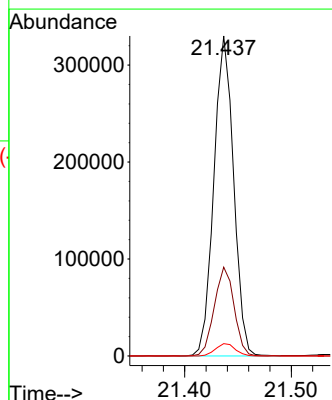
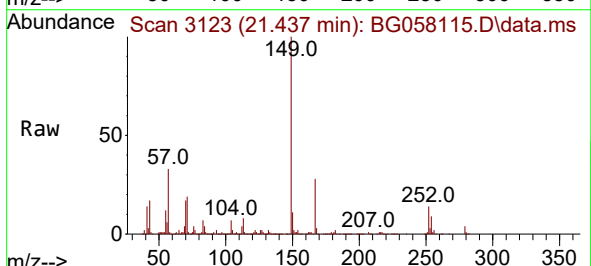
Tgt Ion:149 Resp: 424404

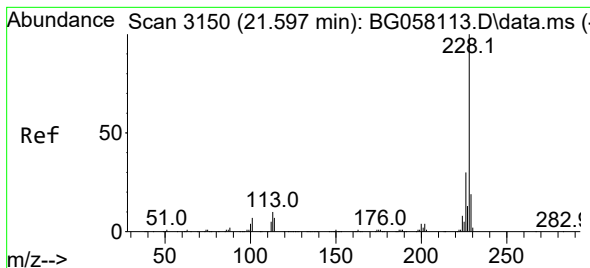
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 3.9 3.1 4.7





#87

Chrysene

Concen: 30.487 ng/ul

RT: 21.601 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

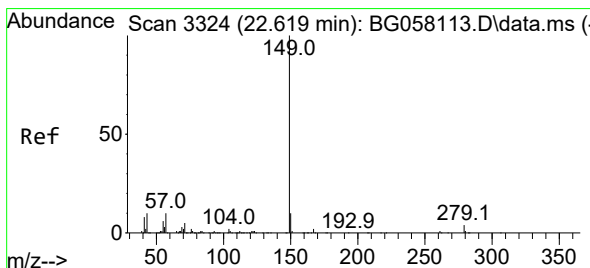
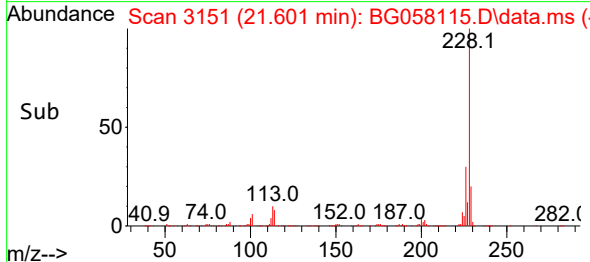
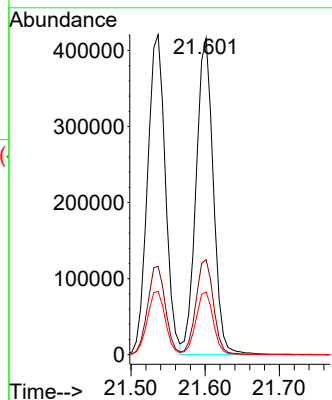
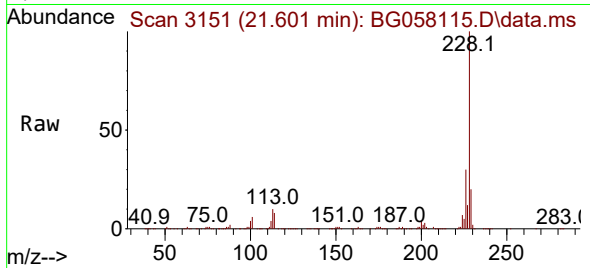
Tgt Ion:228 Resp: 669554

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.166 ng/ul

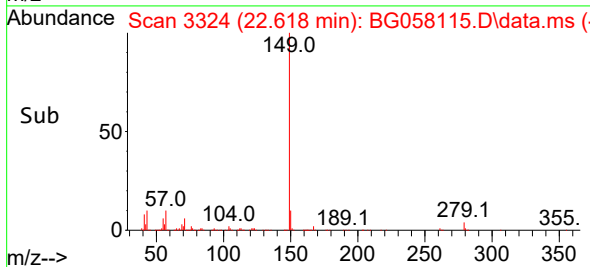
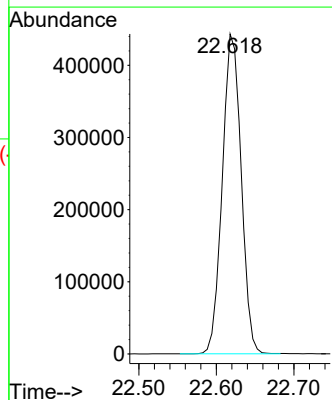
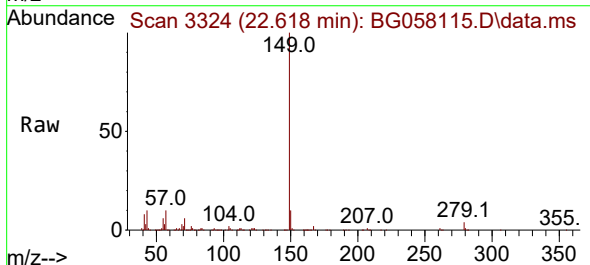
RT: 22.618 min Scan# 3324

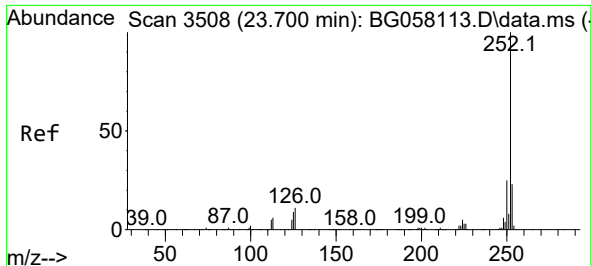
Delta R.T. 0.000 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Tgt Ion:149 Resp: 752269

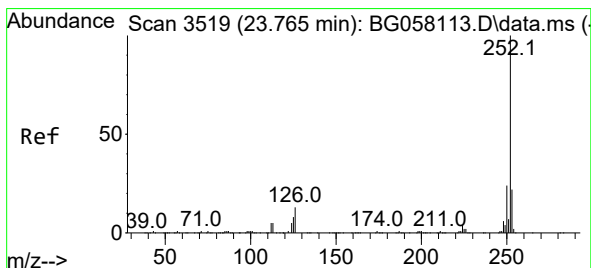
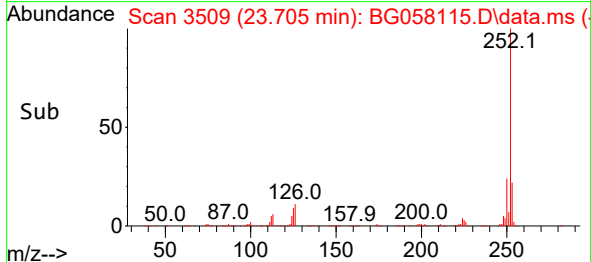
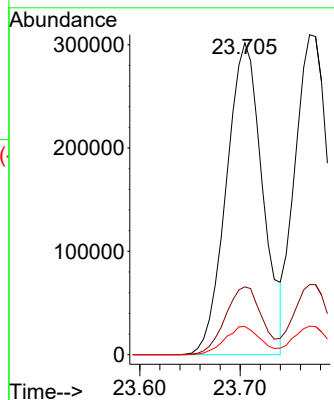
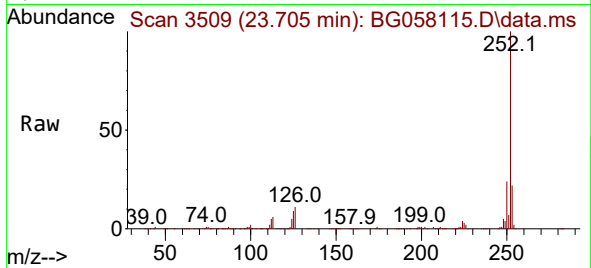




#90
Benzo(b)fluoranthene
Concen: 30.204 ng/ul
RT: 23.705 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

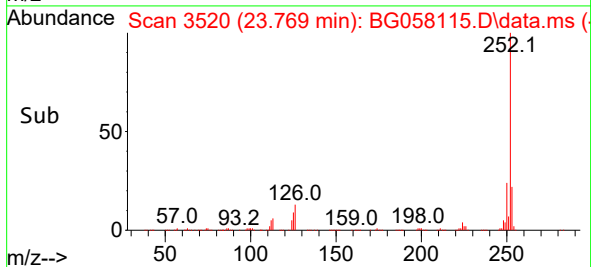
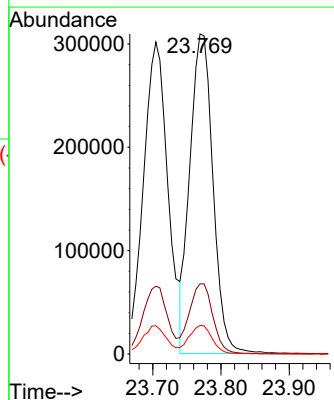
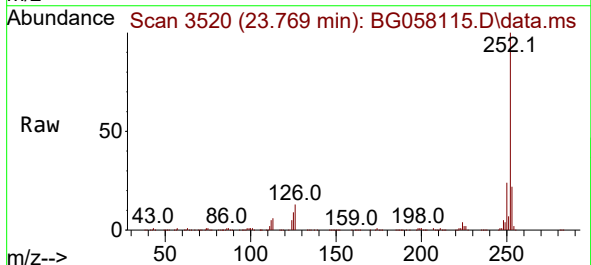
Instrument :
BNA_G
ClientSampleId :
SLCS885

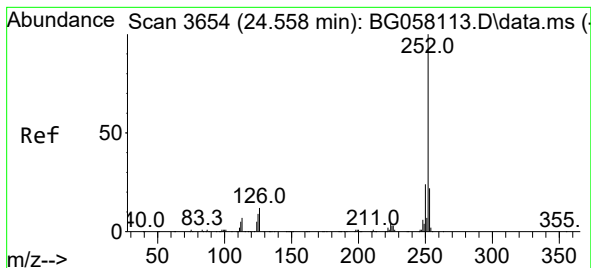
Tgt Ion:252 Resp: 759060
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.0 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 29.456 ng/ul
RT: 23.769 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BG058115.D
Acq: 9 Jul 2023 7:05

Tgt Ion:252 Resp: 725585
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 29.951 ng/ul

RT: 24.562 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

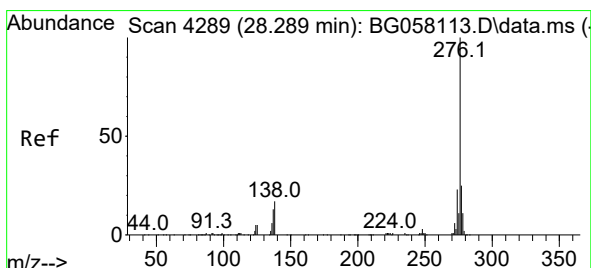
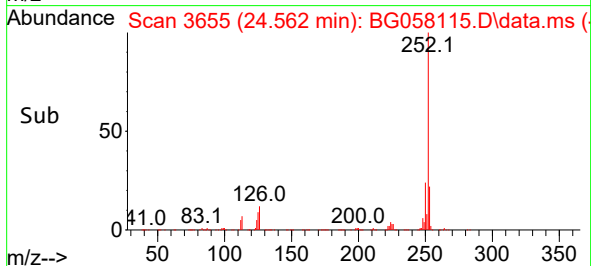
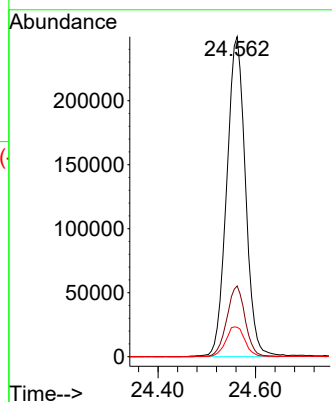
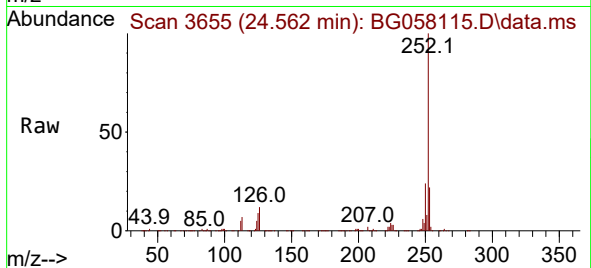
Tgt Ion:252 Resp: 666211

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.2 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.144 ng/ul

RT: 28.305 min Scan# 4292

Delta R.T. 0.012 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

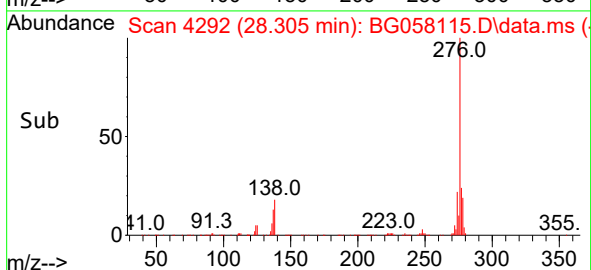
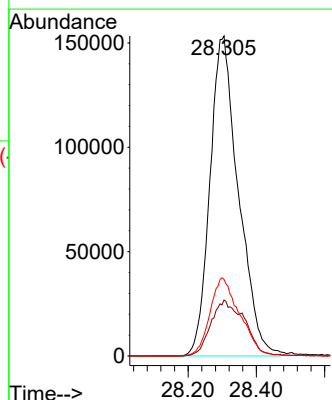
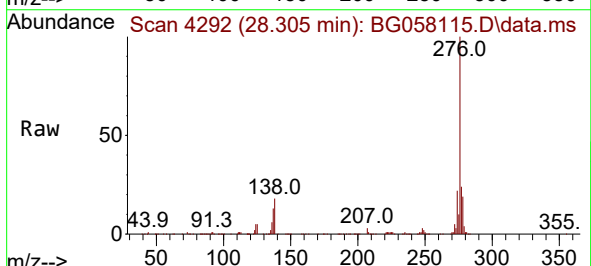
Tgt Ion:276 Resp: 890381

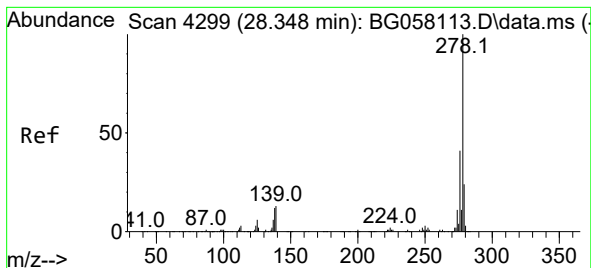
Ion Ratio Lower Upper

276 100

138 17.5 14.0 21.0

277 24.0 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 30.247 ng/ul

RT: 28.364 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Instrument :

BNA_G

ClientSampleId :

SLCS885

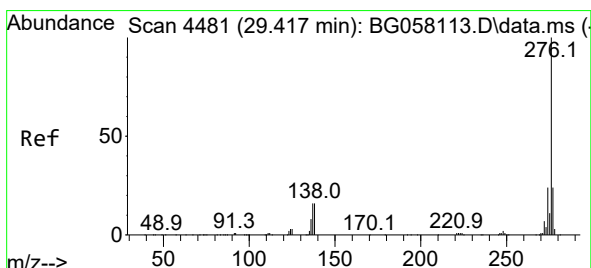
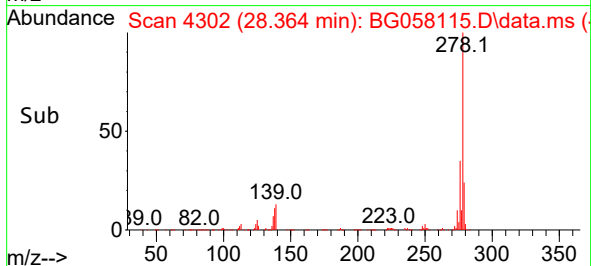
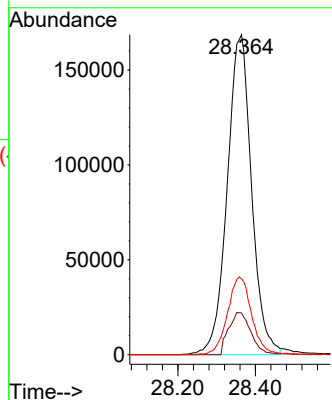
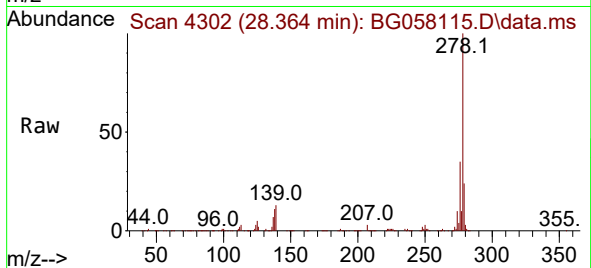
Tgt Ion:278 Resp: 736727

Ion Ratio Lower Upper

278 100

139 13.1 11.3 16.9

279 23.7 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 30.241 ng/ul

RT: 29.421 min Scan# 4482

Delta R.T. 0.006 min

Lab File: BG058115.D

Acq: 9 Jul 2023 7:05

Tgt Ion:276 Resp: 729595

Ion Ratio Lower Upper

276 100

138 17.5 14.2 21.2

277 24.0 18.6 27.8

