

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
 Data File : BG058492.D
 Acq On : 27 Jul 2023 00:04
 Operator : MA/JU
 Sample : 03553-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 27 02:18:40 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	39391	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	165726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.462	164	112576	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	275113	20.000	ng/u1	0.00
79) Chrysene-d12	21.448	240	238500	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	298602	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6070	5.672	ng/uL	0.00
4) Pyridine-d5	3.652	84	46854	14.750	ng/u1	0.00
7) Phenol-d5	6.983	99	25787	6.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	101175	43.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	76444	29.225	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	48913	17.161	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	57587	46.358	ng/u1	0.00
24) 2-Nitrophenol-d4	9.697	143	36272	26.746	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	93158	35.834	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	137010	36.354	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	388606	44.765	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	423173	46.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	2707	2.065	ng/u1	0.00
60) Fluorene-d10	15.455	176	340502	47.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	21721	15.497	ng/u1	0.00
73) Anthracene-d10	17.306	188	573229	48.222	ng/u1	0.00
81) Pyrene-d10	19.598	212	691509	49.090	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	727509	50.408	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	7950	6.549	ng/uL#	88
5) Pyridine	3.675	79	50889	15.169	ng/u1	92
6) Benzaldehyde	6.954	77	82153	54.439	ng/u1	98
8) Phenol	7.012	94	26612	6.858	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.236	93	120164	40.421	ng/u1	98
12) 2-Chlorophenol	7.377	128	74115	27.069	ng/u1	100
13) 2-Methylphenol	8.264	108	63623	21.036	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.340	45	191642	39.337	ng/u1	99
16) Acetophenone	8.640	105	185186	38.151	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	99144	37.319	ng/u1	99
18) 4-Methylphenol	8.593	108	55424	16.862	ng/u1	97
19) Hexachloroethane	8.892	117	32595	30.202	ng/u1	90
22) Nitrobenzene	9.022	77	139503	42.112	ng/u1	98
23) Isophorone	9.539	82	290302	39.088	ng/u1	100
25) 2-Nitrophenol	9.733	139	34686	23.945	ng/u1	95
26) 2,4-Dimethylphenol	9.791	107	91265	28.256	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.026	93	163011	41.443	ng/u1	98
29) 2,4-Dichlorophenol	10.267	162	83642	33.898	ng/u1	94
30) Naphthalene	10.667	128	340112	38.395	ng/u1	99
32) 4-Chloroaniline	10.778	127	109790	28.503	ng/u1	98
33) Hexachlorobutadiene	10.949	225	62962	35.685	ng/u1	99
34) Caprolactam	11.531	113	5458	5.326	ng/u1	82
35) 4-Chloro-3-methylphenol	11.907	107	93328	29.721	ng/u1	96
36) 2-Methylnaphthalene	12.277	142	231677	39.037	ng/u1	98

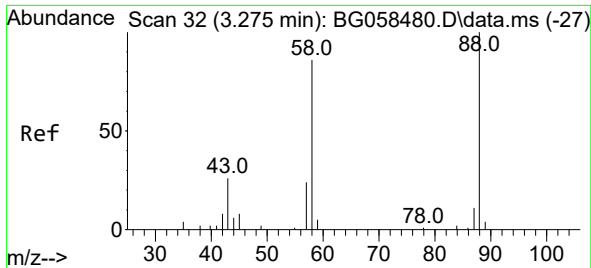
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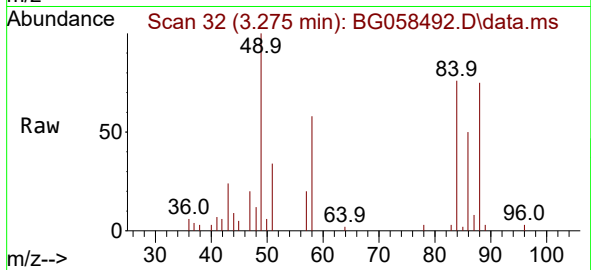
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	236284	38.846	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.653	216	143235	43.952	ng/ul	98
40) Hexachlorocyclopentadiene	12.623	237	28949	16.516	ng/ul	96
41) 2,4,6-Trichlorophenol	12.894	196	82111	37.220	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	75839	32.239	ng/ul	95
43) 1,1'-Biphenyl	13.293	154	324463	42.623	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	259524	42.879	ng/ul	95
45) 2-Nitroaniline	13.546	65	97645	46.445	ng/ul	98
47) Dimethylphthalate	13.916	163	363052	41.636	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	80137	47.559	ng/ul	96
50) Acenaphthylene	14.186	152	427642	43.548	ng/ul	99
51) 3-Nitroaniline	14.368	138	67860	48.326	ng/ul	93
52) Acenaphthene	14.527	153	296243	43.450	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	8649	9.645	ng/ul	95
56) Dibenzofuran	14.862	168	421091	43.375	ng/ul	98
57) 2,4-Dinitrotoluene	14.833	165	113059	46.521	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.091	232	73159	33.661	ng/ul	99
59) Diethylphthalate	15.279	149	385497	42.914	ng/ul	99
61) Fluorene	15.508	166	351071	44.097	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.502	204	188582	44.619	ng/ul	97
63) 4-Nitroaniline	15.532	138	65800	51.786	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.596	198	20243	14.038	ng/ul	97
67) N-Nitrosodiphenylamine	15.720	169	304361	44.631	ng/ul	99
68) 4-Bromophenyl-phenylether	16.395	248	135117	46.368	ng/ul	99
69) Hexachlorobenzene	16.513	284	153765	46.764	ng/ul	99
70) Atrazine	16.666	200	69024	25.816	ng/ul	95
71) Pentachlorophenol	16.865	266	31648	17.147	ng/ul	96
72) Phenanthrene	17.247	178	595169	45.523	ng/ul	98
74) Anthracene	17.341	178	586586	44.692	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	152817	44.284	ng/uL	96
76) Pentachlorobenzene	14.786	250	384982	102.019	ng/uL	98
77) Carbazole	17.612	167	542424	47.675	ng/ul	98
78) Di-n-butylphthalate	18.164	149	740975	51.253	ng/ul	99
80) Fluoranthene	19.263	202	730019	45.237	ng/ul	100
82) Pyrene	19.627	202	730619	44.682	ng/ul	99
83) Butylbenzylphthalate	20.514	149	318844	49.520	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.348	252	253773	47.666	ng/ul	97
85) Benzo(a)anthracene	21.431	228	760855	47.462	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.331	149	448009	48.920	ng/ul	99
87) Chrysene	21.495	228	714613	46.997	ng/ul	99
89) Di-n-octyl phthalate	22.482	149	795719	50.084	ng/ul	100
90) Benzo(b)fluoranthene	23.540	252	803493	46.507	ng/ul	100
91) Benzo(k)fluoranthene	23.605	252	798293	46.329	ng/ul	99
93) Benzo(a)pyrene	24.374	252	688732	44.820	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.011	276	768686	37.967	ng/ul	99
95) Dibenzo(a,h)anthracene	28.064	278	658864	39.685	ng/ul	99
96) Benzo(g,h,i)perylene	29.098	276	561615	34.047	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

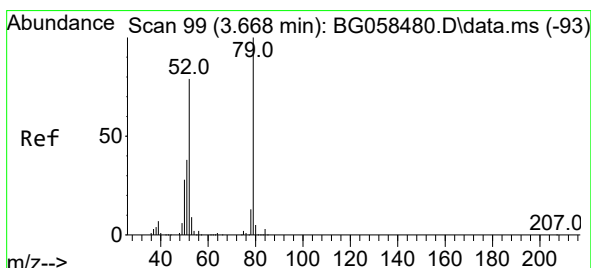
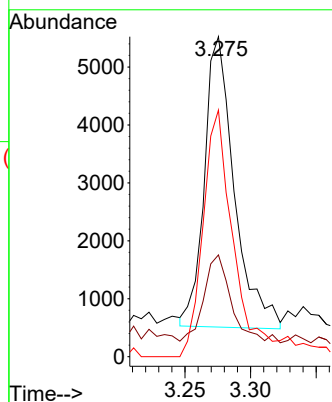
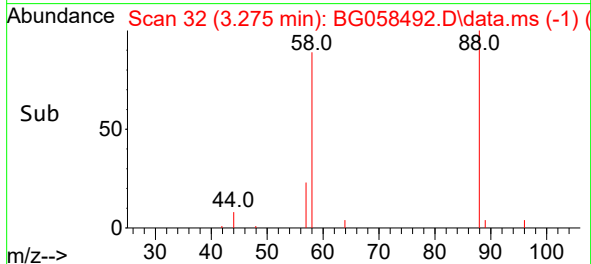


#2
1,4-Dioxane
Concen: 6.549 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

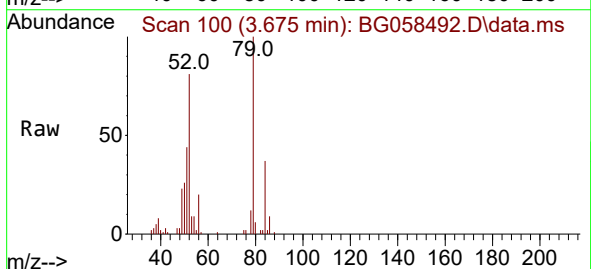
Instrument :
BNA_P
ClientSampleId :



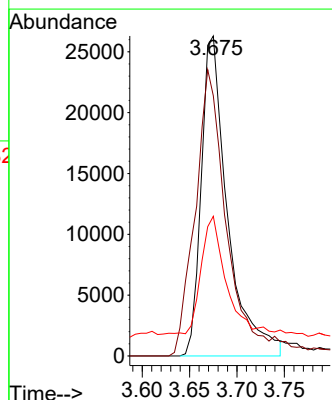
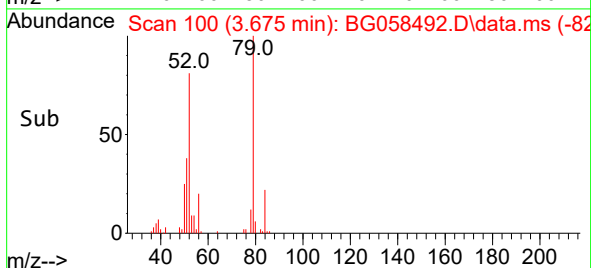
Tgt Ion: 88 Resp: 7950
Ion Ratio Lower Upper
88 100
43 31.8 19.6 29.4#
58 77.0 70.2 105.4

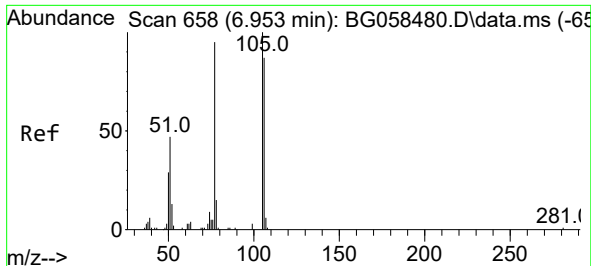


#5
Pyridine
Concen: 15.169 ng/uL
RT: 3.675 min Scan# 100
Delta R.T. 0.005 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04



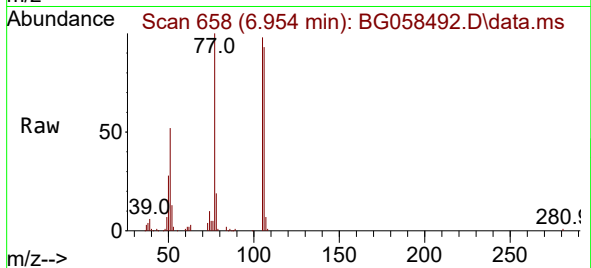
Tgt Ion: 79 Resp: 50889
Ion Ratio Lower Upper
79 100
52 81.3 72.3 108.5
51 43.7 33.4 50.0



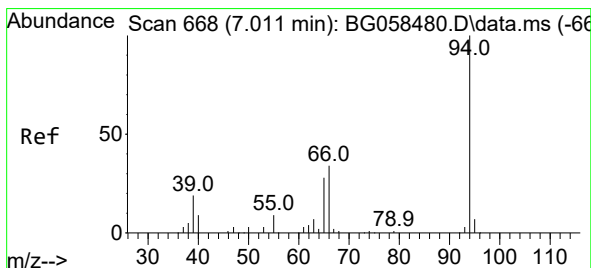
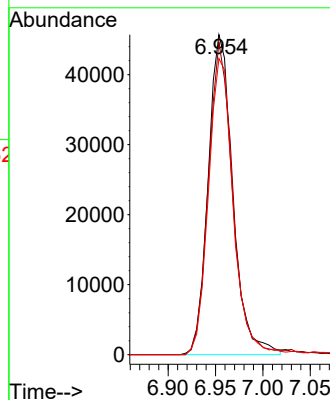
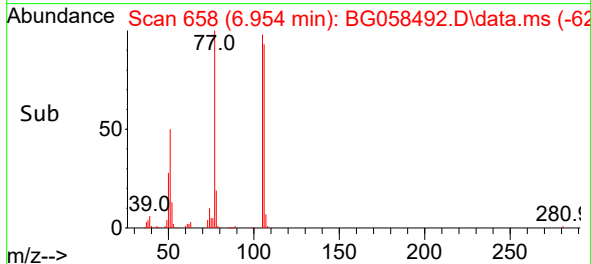


#6
Benzaldehyde
Concen: 54.439 ng/ul
RT: 6.954 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

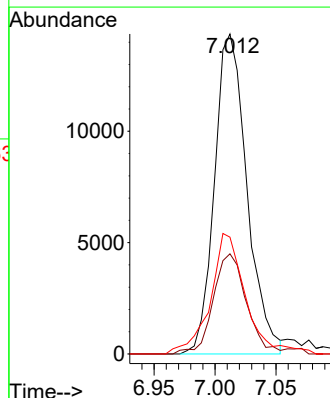
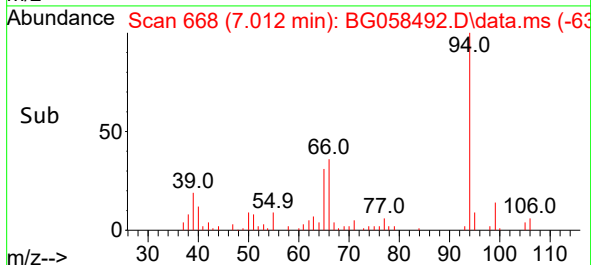
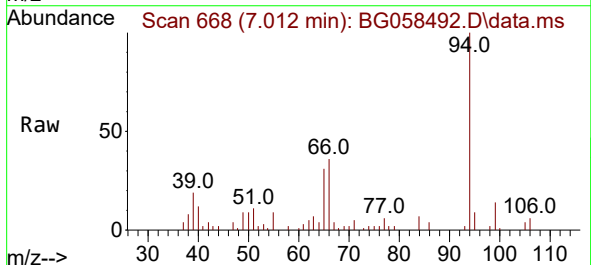


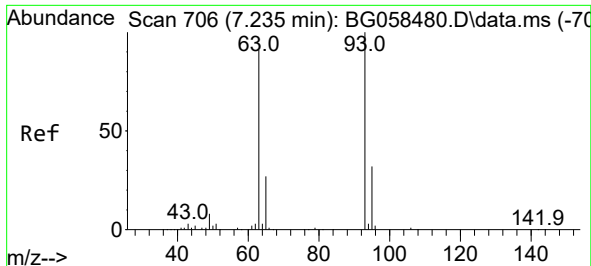
Tgt Ion: 77 Resp: 82153
Ion Ratio Lower Upper
77 100
105 97.7 78.2 117.4
106 92.6 71.6 107.4



#8
Phenol
Concen: 6.858 ng/ul
RT: 7.012 min Scan# 668
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion: 94 Resp: 26612
Ion Ratio Lower Upper
94 100
65 31.3 23.8 35.8
66 36.5 31.2 46.8

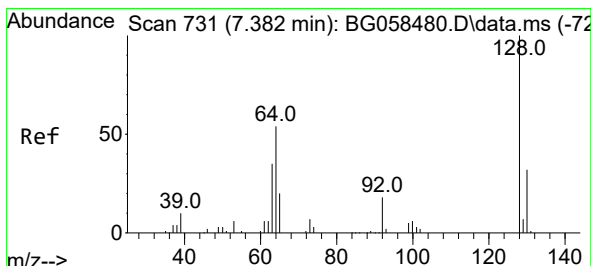
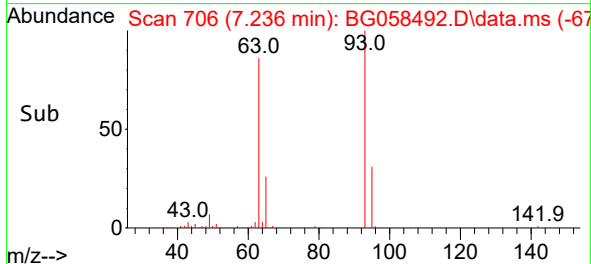
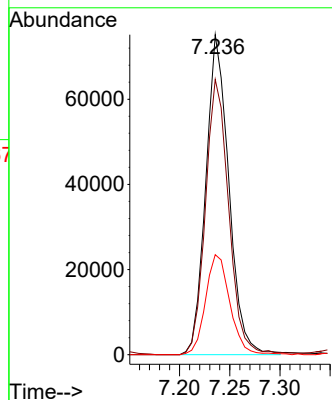
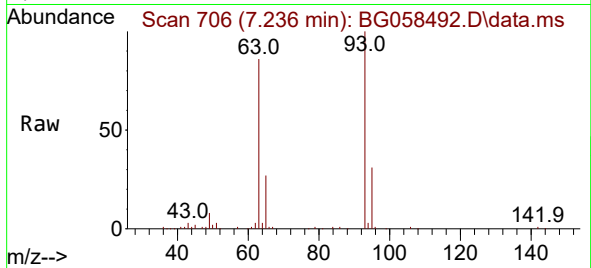




#10
Bis(2-Chloroethyl)ether
Concen: 40.421 ng/ul
RT: 7.236 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

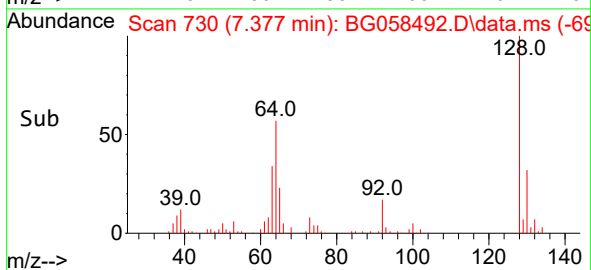
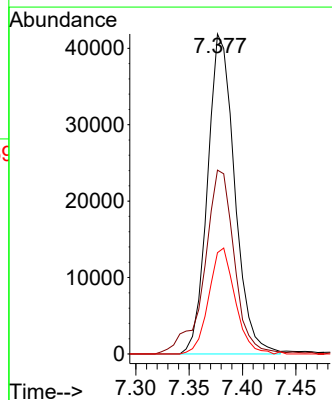
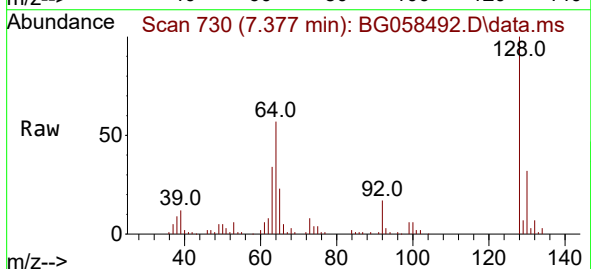
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ClientSampleId :

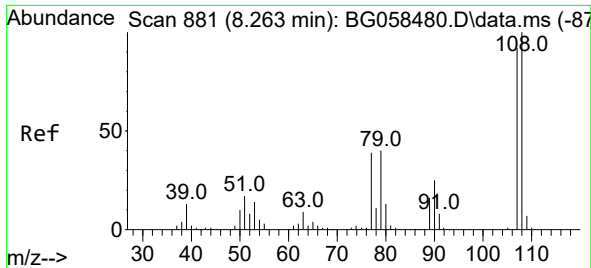
Tgt Ion: 93 Resp: 120164
Ion Ratio Lower Upper
93 100
63 86.0 67.7 101.5
95 31.2 27.0 40.6



#12
2-Chlorophenol
Concen: 27.069 ng/ul
RT: 7.377 min Scan# 730
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:128 Resp: 74115
Ion Ratio Lower Upper
128 100
64 57.4 45.6 68.4
130 31.6 25.2 37.8

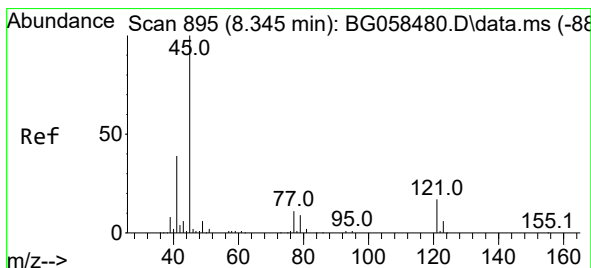
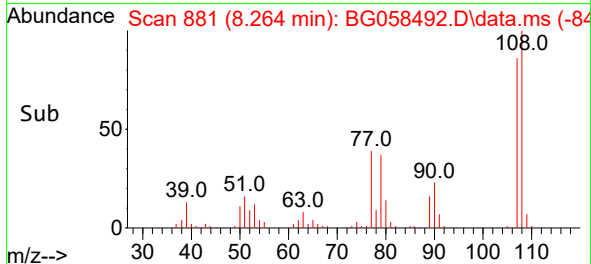
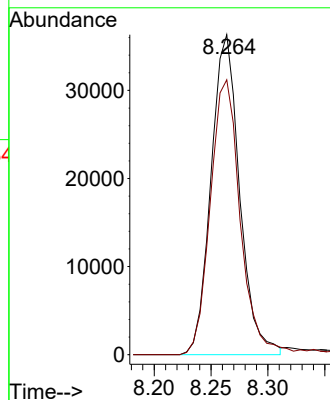
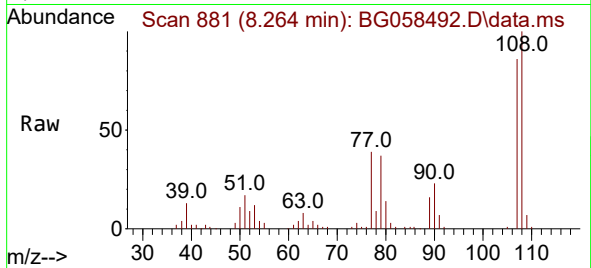




#13
2-Methylphenol
Concen: 21.036 ng/ul
RT: 8.264 min Scan# 881
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

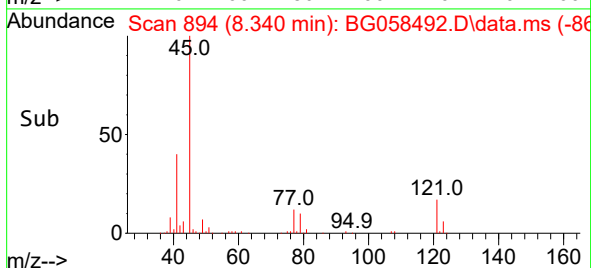
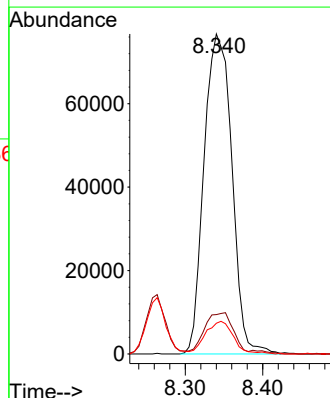
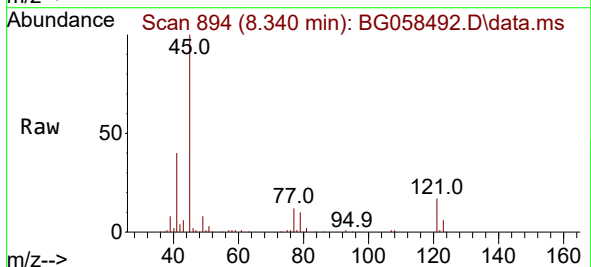
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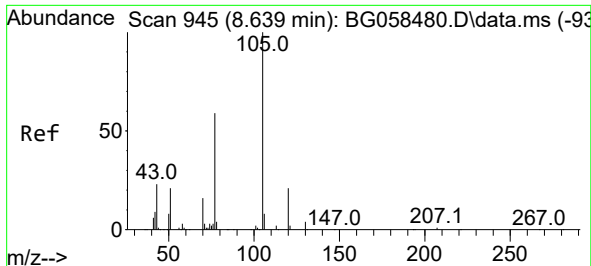
Tgt Ion:108 Resp: 63623
Ion Ratio Lower Upper
108 100
107 85.9 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng/ul
RT: 8.340 min Scan# 894
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

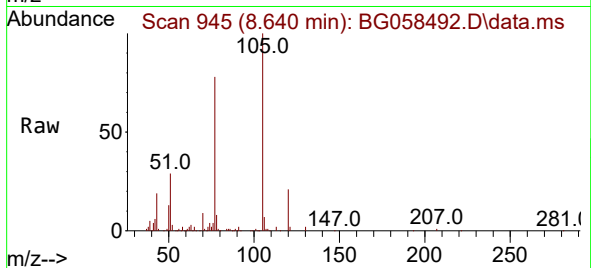
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Ion Ratio Lower Upper
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77 12.3 9.4 14.2
79 9.6 7.4 11.2



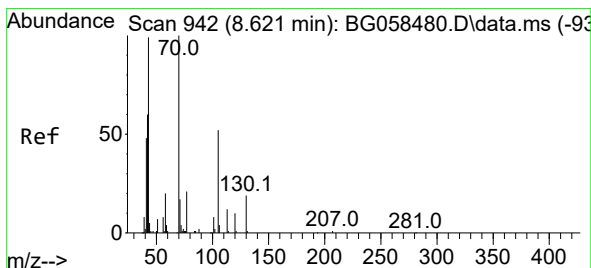
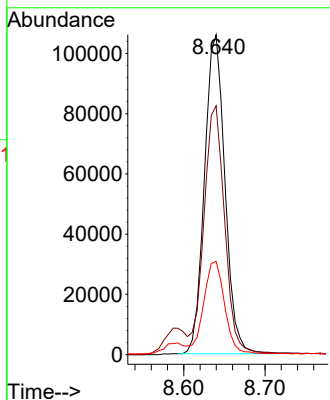
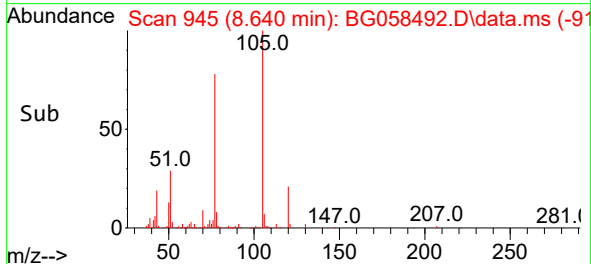


#16
Acetophenone
Concen: 38.151 ng/ul
RT: 8.640 min Scan# 945
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

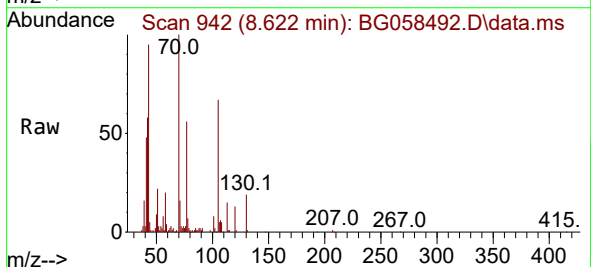
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ClientSampleId :



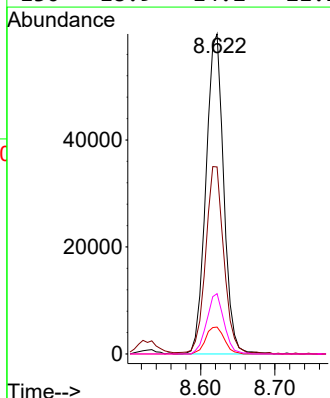
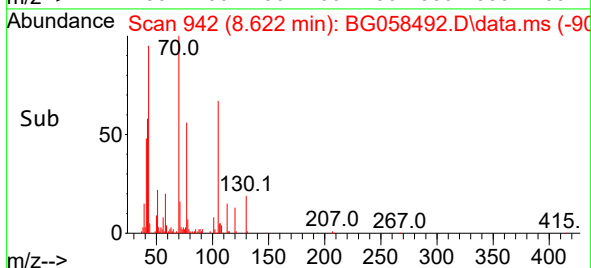
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Ion Ratio Lower Upper
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51 29.1 23.5 35.3

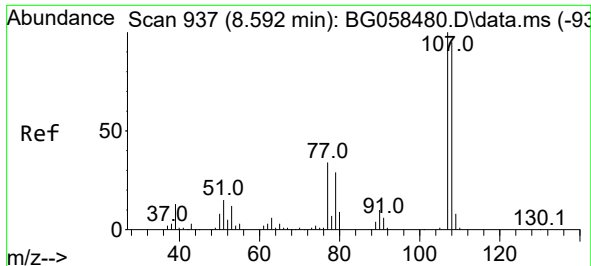


#17
N-Nitroso-di-n-propylamine
Concen: 37.319 ng/ul
RT: 8.622 min Scan# 942
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04



Tgt Ion: 70 Resp: 99144
Ion Ratio Lower Upper
70 100
42 58.5 46.6 69.8
101 8.4 7.3 10.9
130 18.9 14.2 21.2

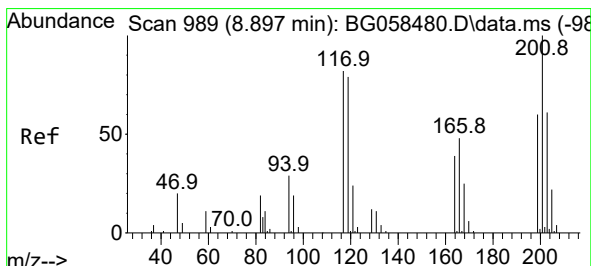
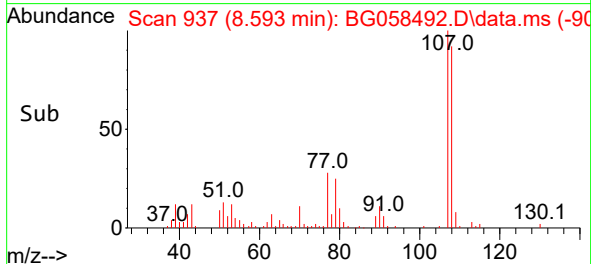
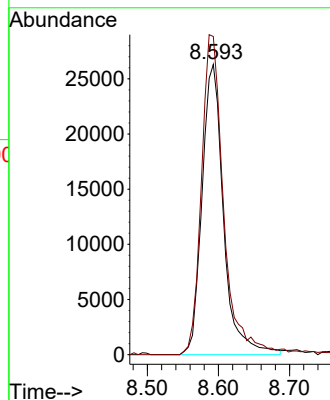
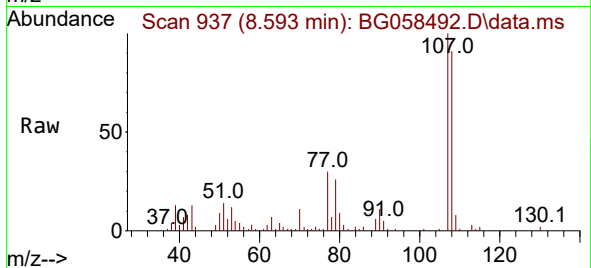




#18
4-Methylphenol
Concen: 16.862 ng/ul
RT: 8.593 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

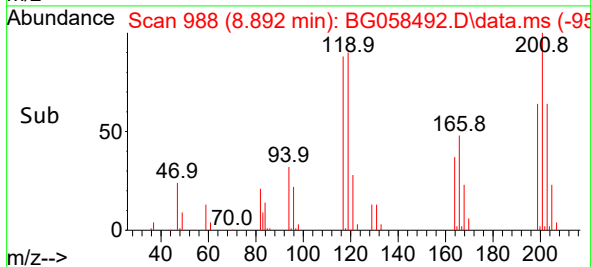
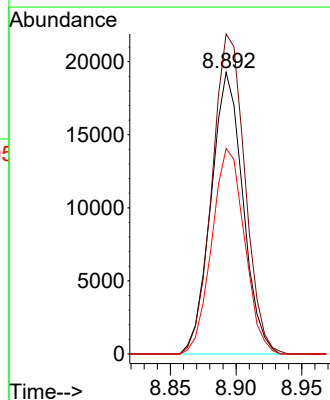
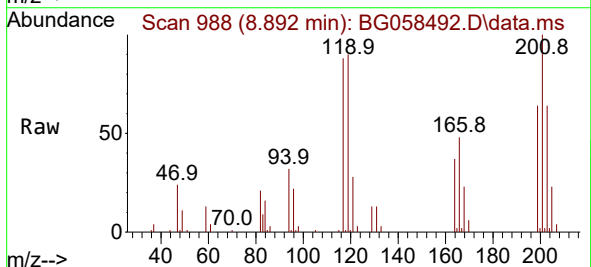
Instrument :
BNA_P
ClientSampleId :

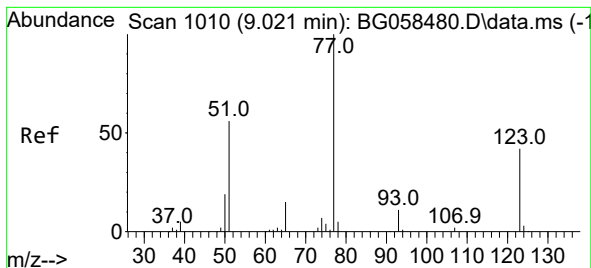
Tgt Ion:108 Resp: 55424
Ion Ratio Lower Upper
108 100
107 109.6 90.6 136.0



#19
Hexachloroethane
Concen: 30.202 ng/ul
RT: 8.892 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:117 Resp: 32595
Ion Ratio Lower Upper
117 100
201 113.7 103.6 155.4
199 73.0 60.1 90.1

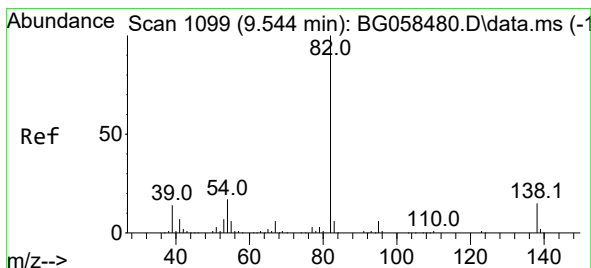
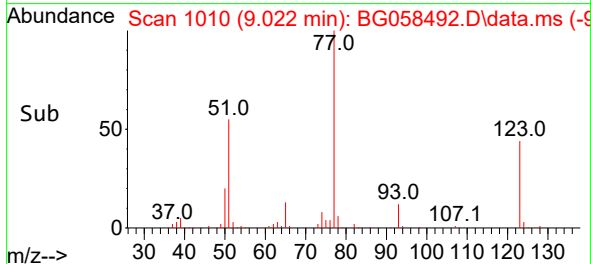
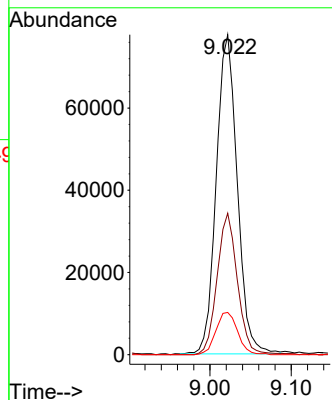
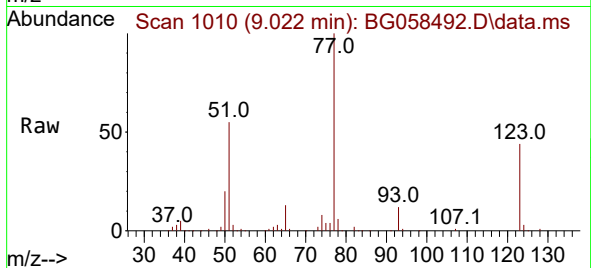




#22
Nitrobenzene
Concen: 42.112 ng/ul
RT: 9.022 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

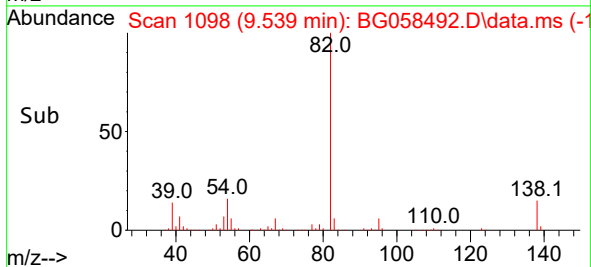
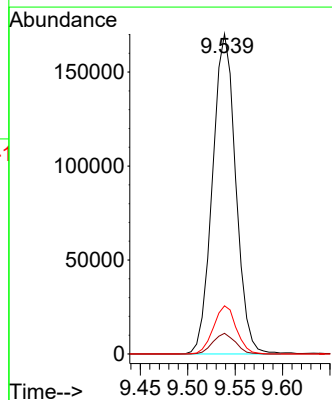
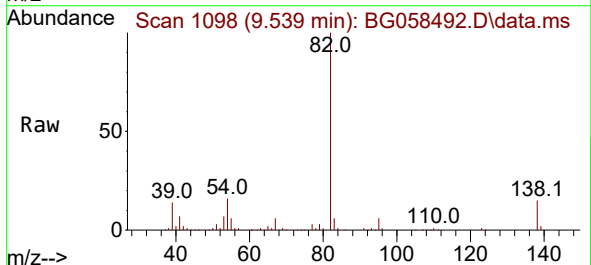
Instrument :
BNA_P
ClientSampleId :

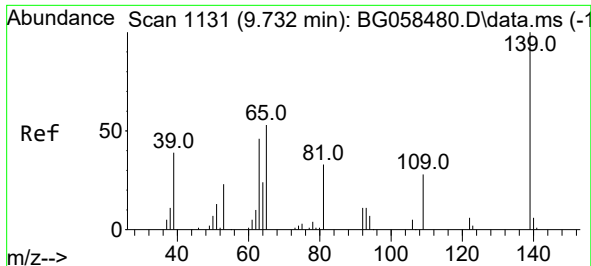
Tgt Ion: 77 Resp: 139503
Ion Ratio Lower Upper
77 100
123 44.2 34.0 51.0
65 13.2 11.0 16.6



#23
Isophorone
Concen: 39.088 ng/ul
RT: 9.539 min Scan# 1098
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

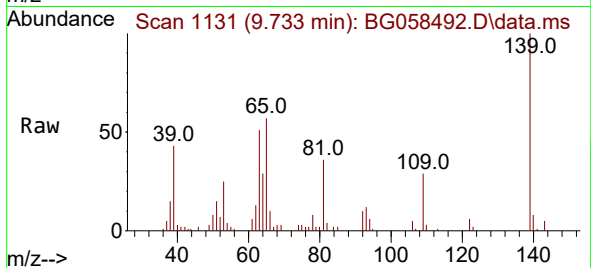
Tgt Ion: 82 Resp: 290302
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.0 11.9 17.9



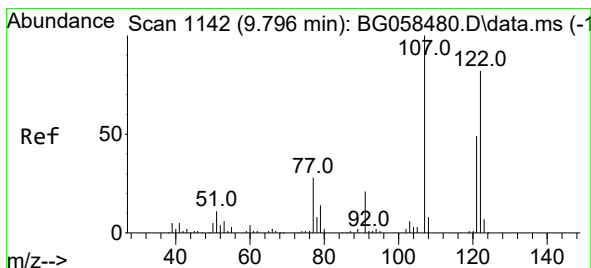
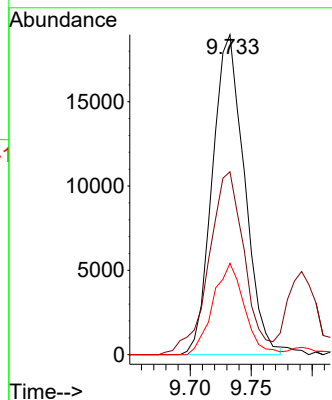
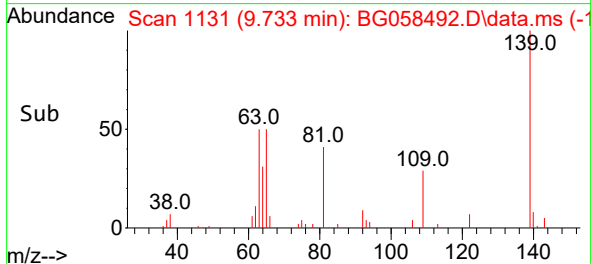


#25
2-Nitrophenol
Concen: 23.945 ng/ul
RT: 9.733 min Scan# 1131
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

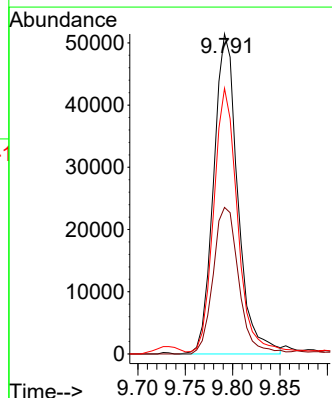
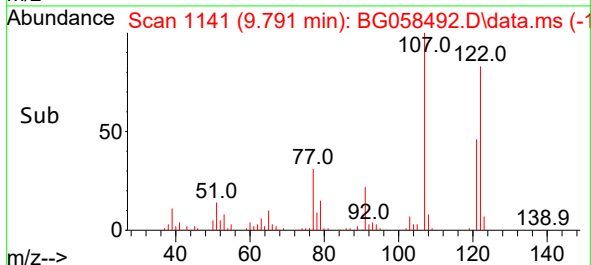
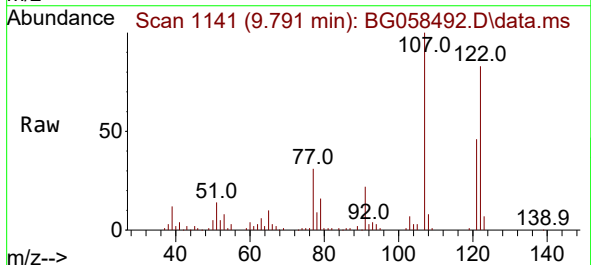


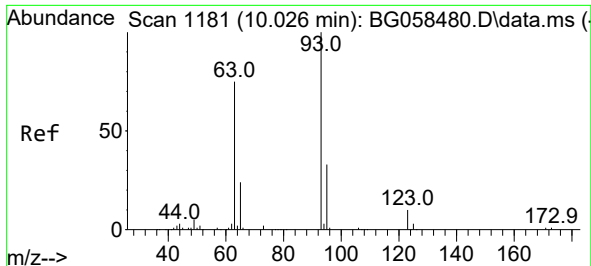
Tgt Ion:139 Resp: 34686
Ion Ratio Lower Upper
139 100
65 57.1 49.2 73.8
109 28.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 28.256 ng/ul
RT: 9.791 min Scan# 1141
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:107 Resp: 91265
Ion Ratio Lower Upper
107 100
121 45.8 39.1 58.7
122 83.0 68.9 103.3





#27

Bis(2-Chloroethoxy)methane

Concen: 41.443 ng/ul

RT: 10.026 min Scan# 1181

Delta R.T. -0.001 min

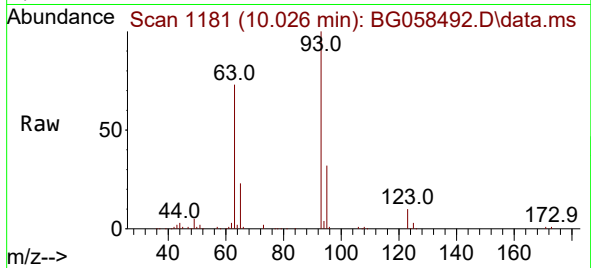
Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :



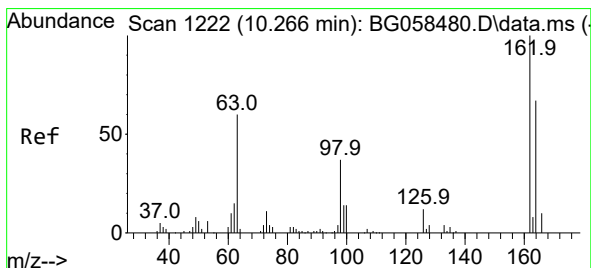
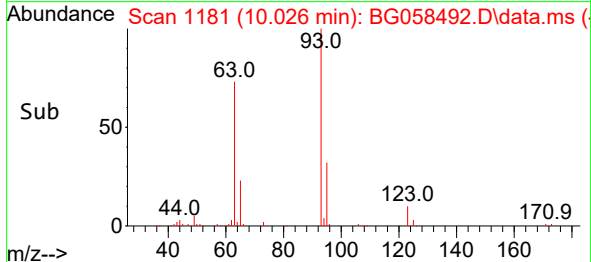
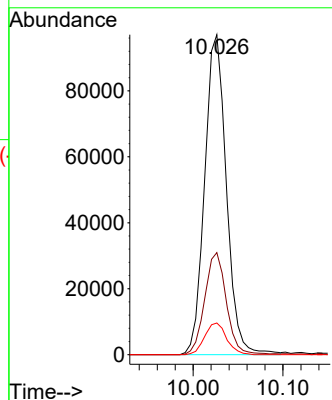
Tgt Ion: 93 Resp: 163011

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

123 9.9 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 33.898 ng/ul

RT: 10.267 min Scan# 1222

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

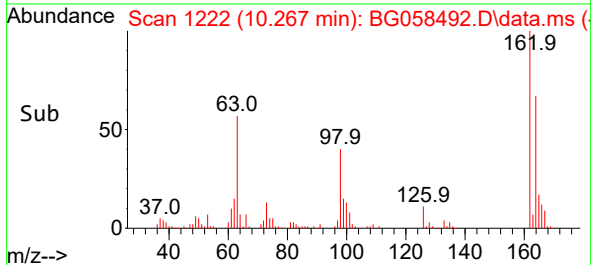
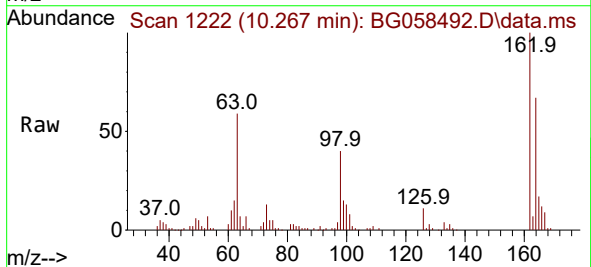
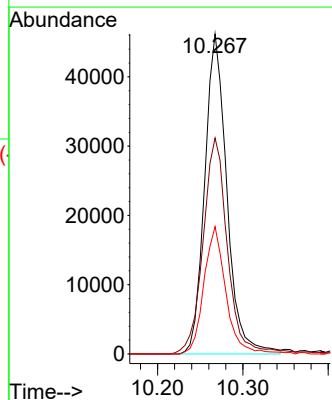
Tgt Ion:162 Resp: 83642

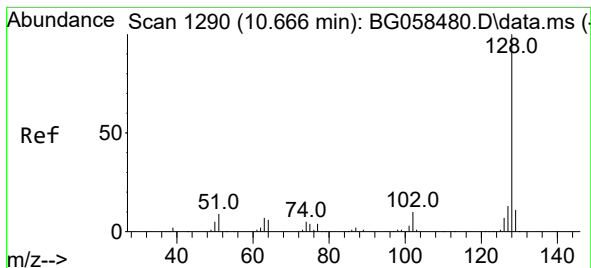
Ion Ratio Lower Upper

162 100

164 67.5 58.4 87.6

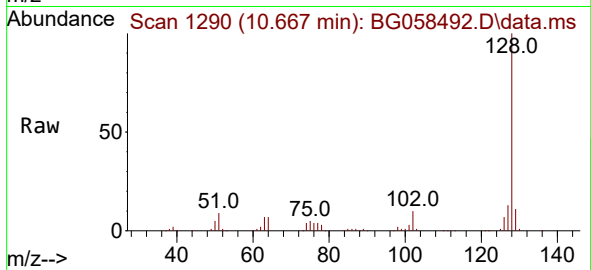
98 39.8 29.6 44.4



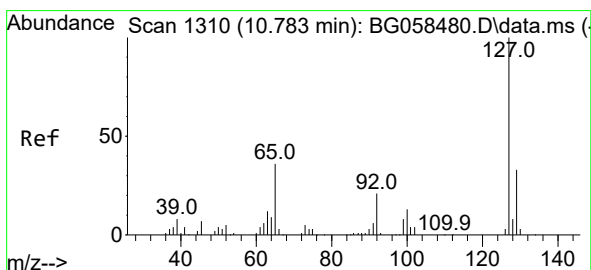
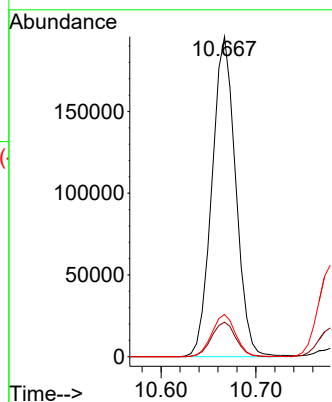
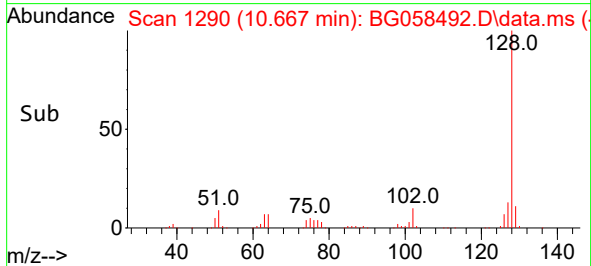


#30
Naphthalene
Concen: 38.395 ng/ul
RT: 10.667 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

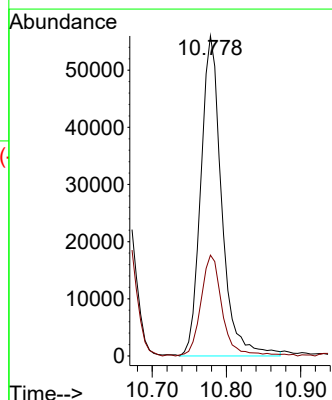
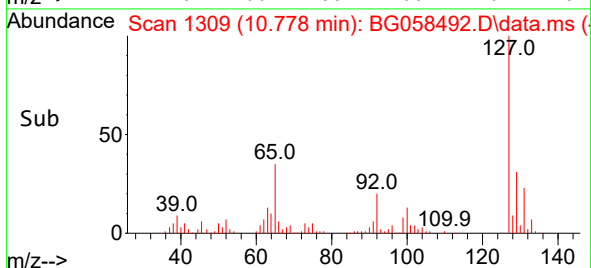
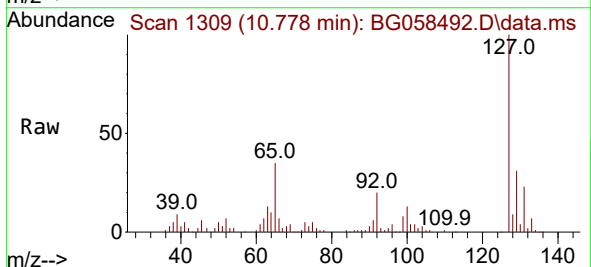


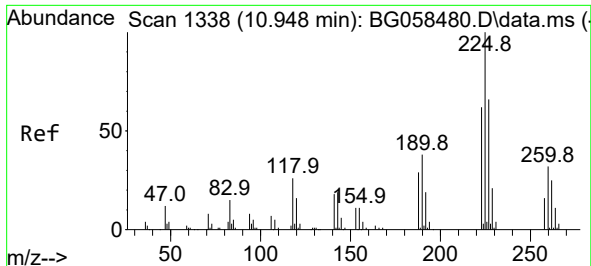
Tgt Ion:128 Resp: 340112
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.8 16.2



#32
4-Chloroaniline
Concen: 28.503 ng/ul
RT: 10.778 min Scan# 1309
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

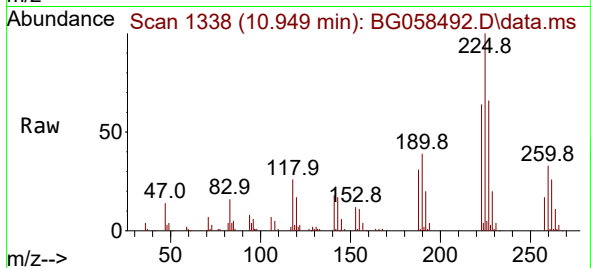
Tgt Ion:127 Resp: 109790
Ion Ratio Lower Upper
127 100
129 31.5 26.1 39.1



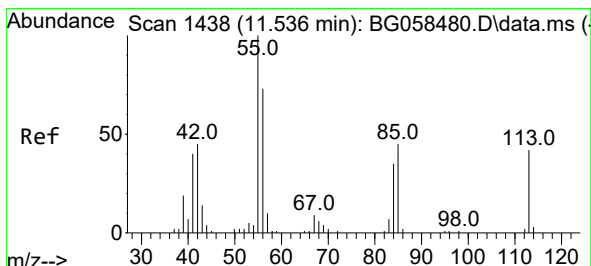
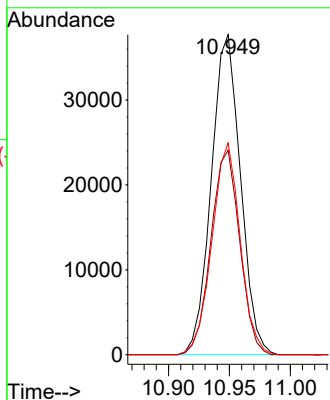
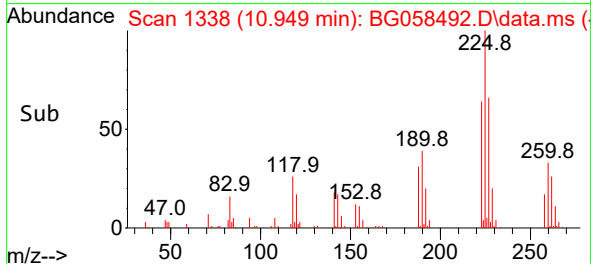


#33
Hexachlorobutadiene
Concen: 35.685 ng/ul
RT: 10.949 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

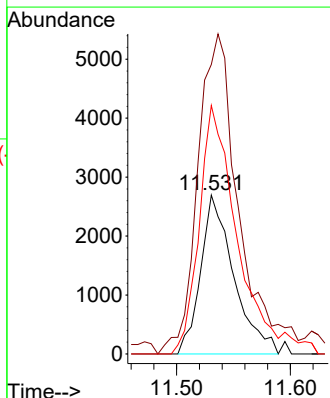
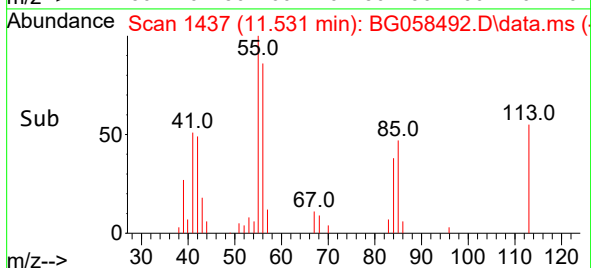
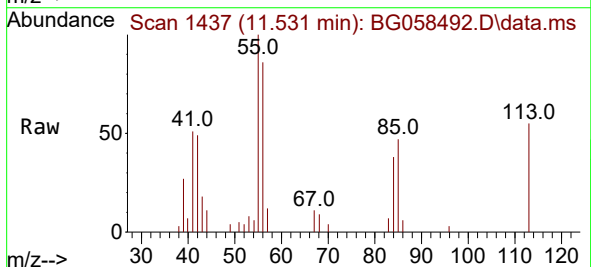


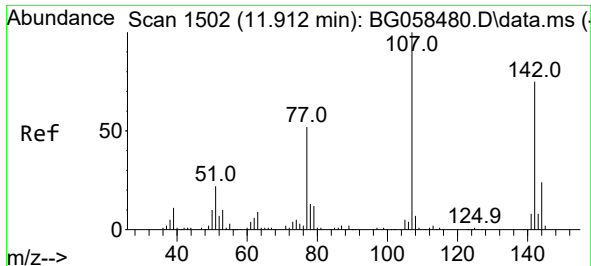
Tgt Ion:225 Resp: 62962
Ion Ratio Lower Upper
225 100
223 63.9 49.7 74.5
227 66.2 53.2 79.8



#34
Caprolactam
Concen: 5.326 ng/ul
RT: 11.531 min Scan# 1437
Delta R.T. -0.036 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:113 Resp: 5458
Ion Ratio Lower Upper
113 100
55 182.1 179.8 269.6
56 156.4 132.2 198.4





#35

4-Chloro-3-methylphenol

Concen: 29.721 ng/ul

RT: 11.907 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

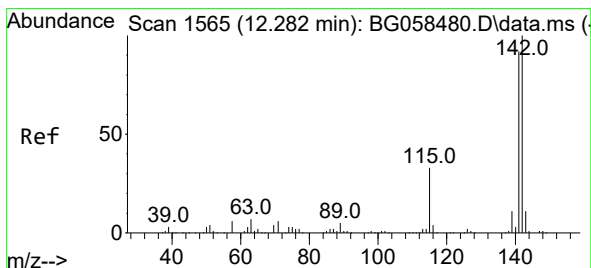
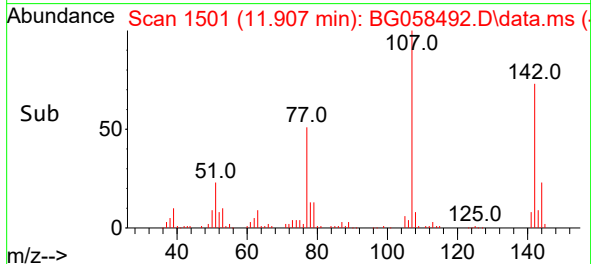
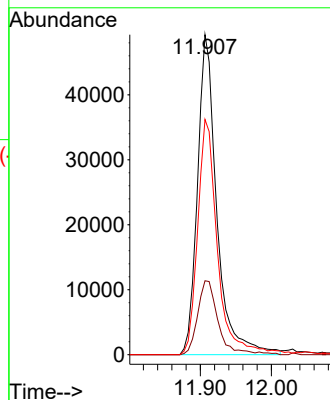
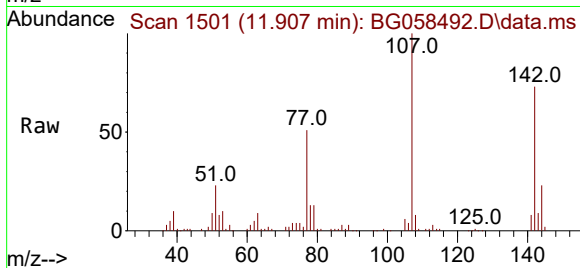
Tgt Ion:107 Resp: 93328

Ion Ratio Lower Upper

107 100

144 23.1 19.0 28.6

142 73.5 55.8 83.6



#36

2-Methylnaphthalene

Concen: 39.037 ng/ul

RT: 12.277 min Scan# 1564

Delta R.T. -0.007 min

Lab File: BG058492.D

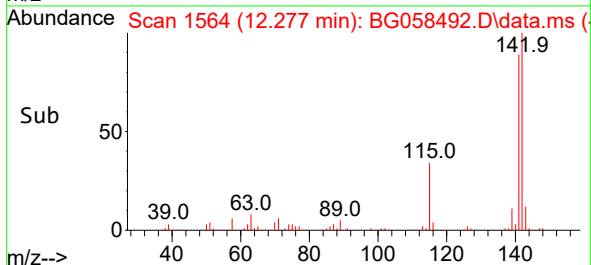
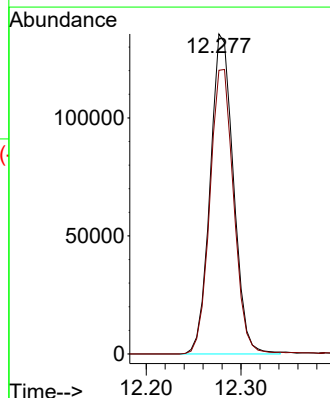
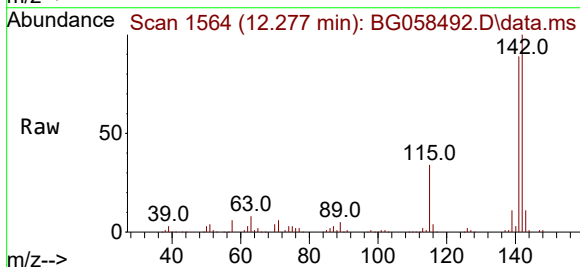
Acq: 27 Jul 2023 00:04

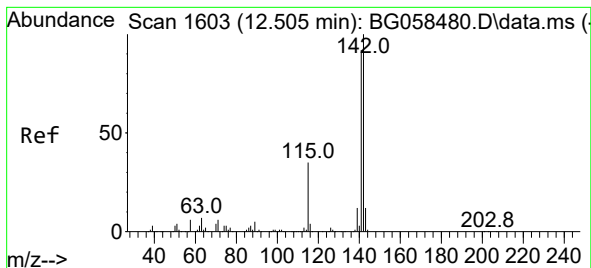
Tgt Ion:142 Resp: 231677

Ion Ratio Lower Upper

142 100

141 88.7 72.6 108.8





#37

1-Methylnaphthalene

Concen: 38.846 ng/ul

RT: 12.500 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

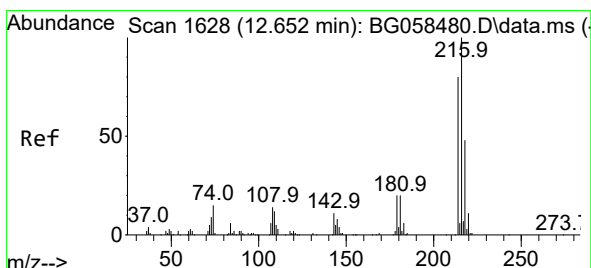
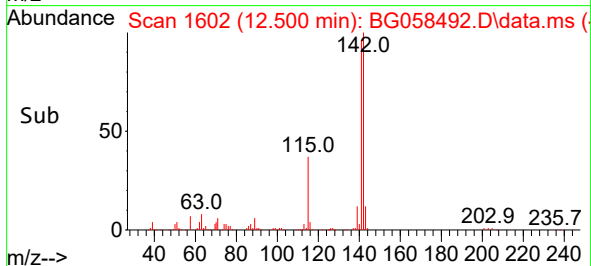
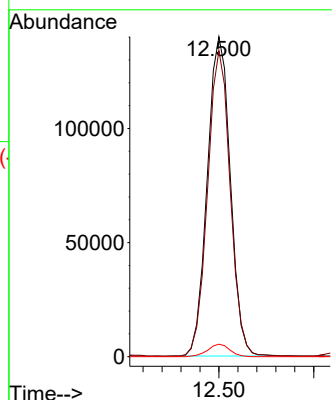
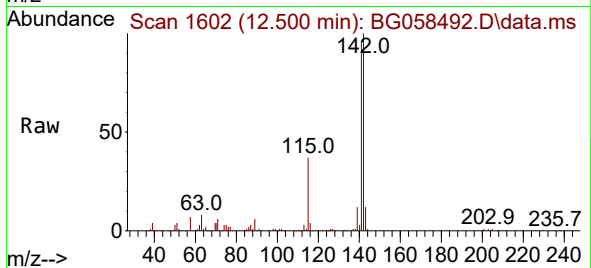
Tgt Ion:142 Resp: 236284

Ion Ratio Lower Upper

142 100

141 95.7 75.8 113.6

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.952 ng/ul

RT: 12.653 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Tgt Ion:216 Resp: 143235

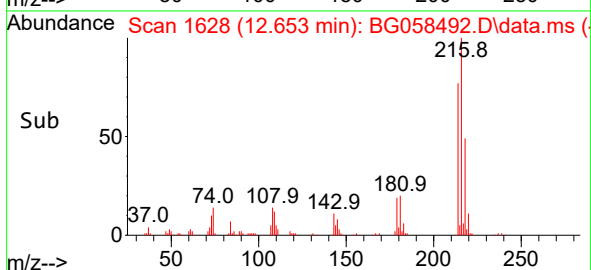
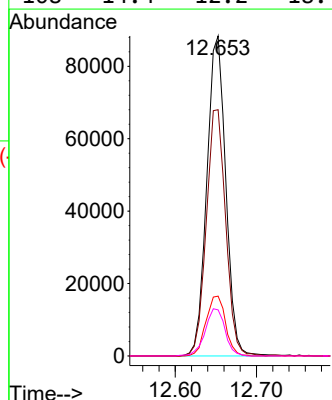
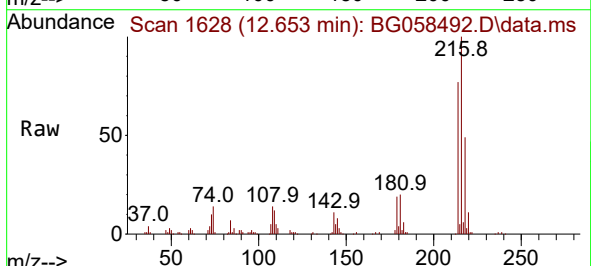
Ion Ratio Lower Upper

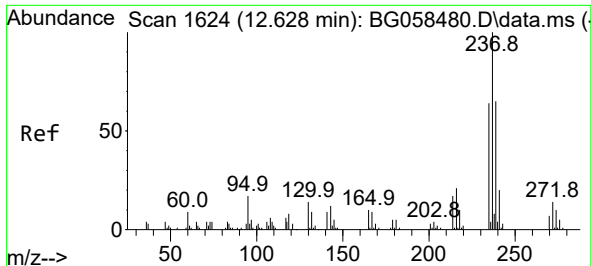
216 100

214 77.0 62.2 93.4

179 18.7 16.2 24.2

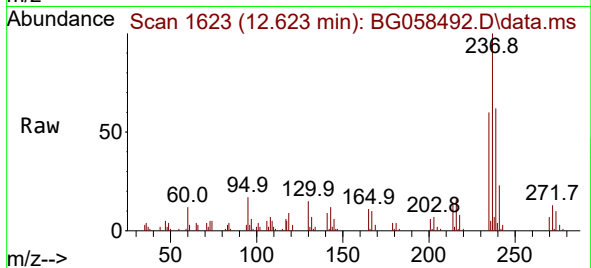
108 14.4 12.2 18.4



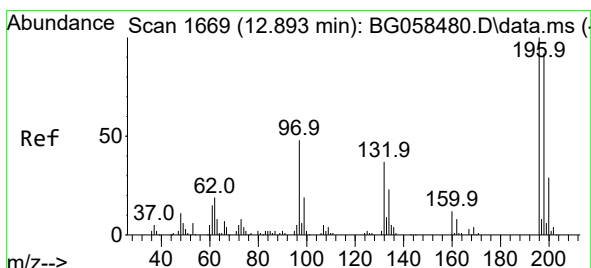
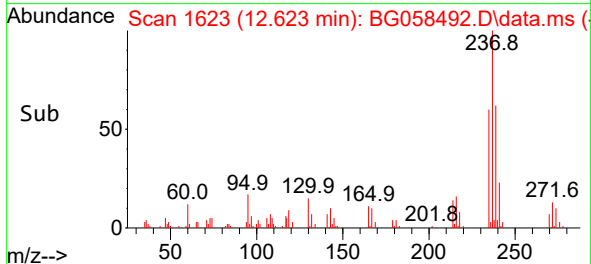
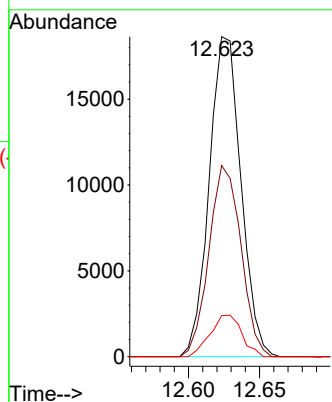


#40
Hexachlorocyclopentadiene
Concen: 16.516 ng/ul
RT: 12.623 min Scan# 1623
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

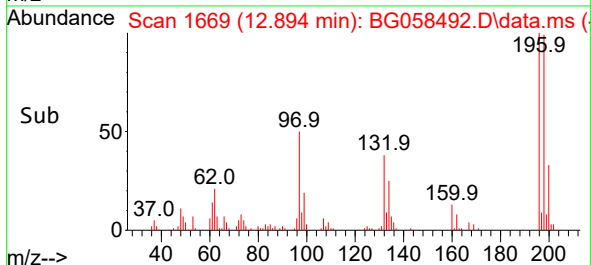
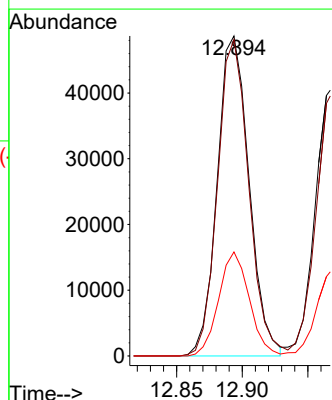
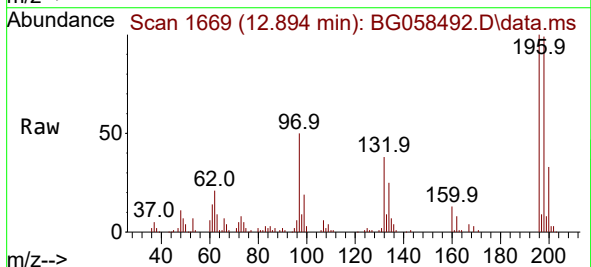


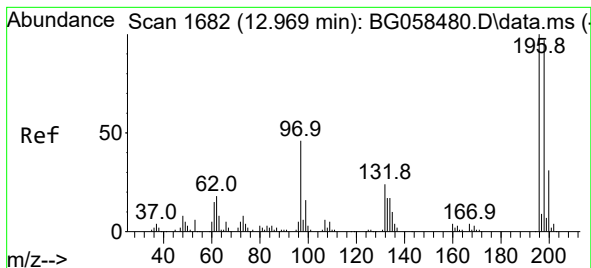
Tgt Ion:237 Resp: 28949
Ion Ratio Lower Upper
237 100
235 59.7 50.9 76.3
272 13.6 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 37.220 ng/ul
RT: 12.894 min Scan# 1669
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

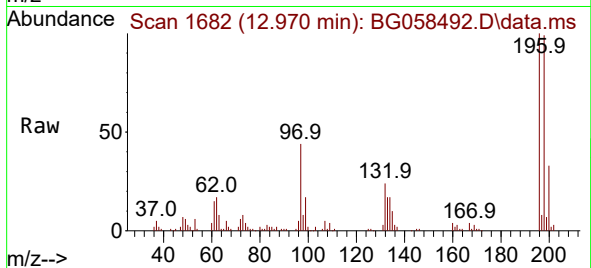
Tgt Ion:196 Resp: 82111
Ion Ratio Lower Upper
196 100
198 98.8 77.7 116.5
200 32.5 25.0 37.6



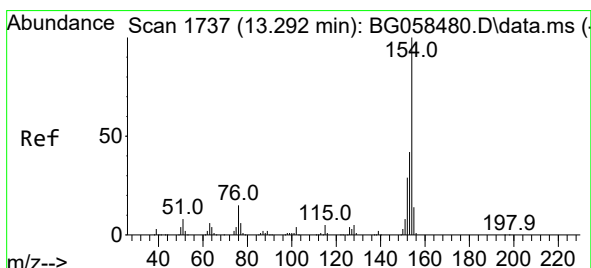
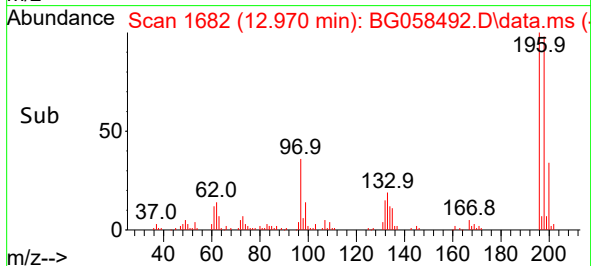
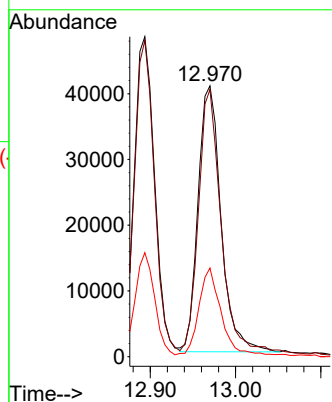


#42
2,4,5-Trichlorophenol
Concen: 32.239 ng/ul
RT: 12.970 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

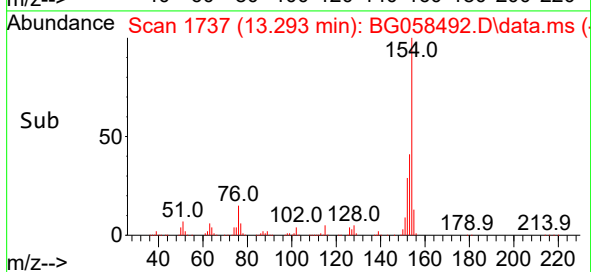
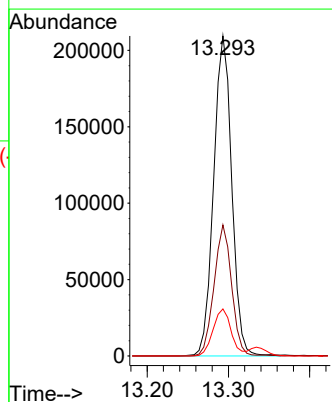
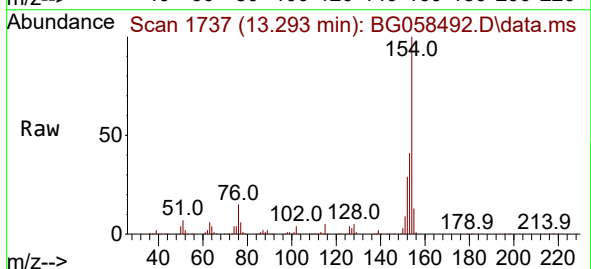


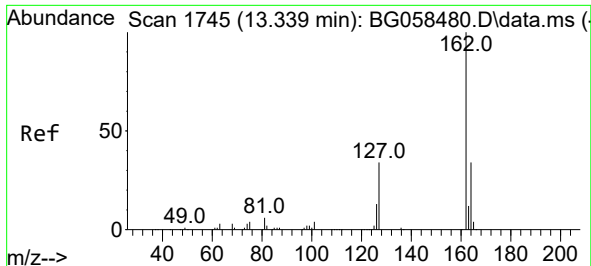
Tgt Ion:196 Resp: 75839
Ion Ratio Lower Upper
196 100
198 98.7 74.8 112.2
200 32.7 24.4 36.6



#43
1,1'-Biphenyl
Concen: 42.623 ng/ul
RT: 13.293 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:154 Resp: 324463
Ion Ratio Lower Upper
154 100
153 40.9 31.8 47.6
76 14.7 11.7 17.5

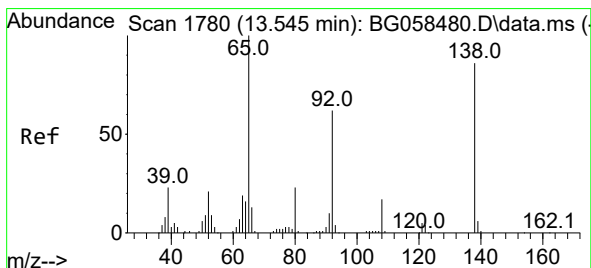
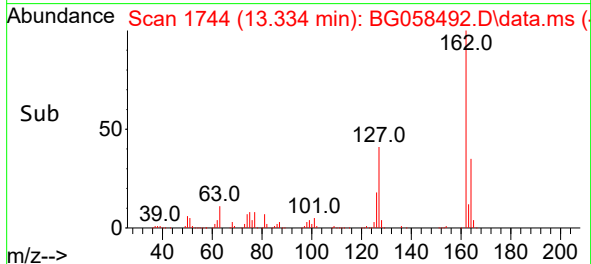
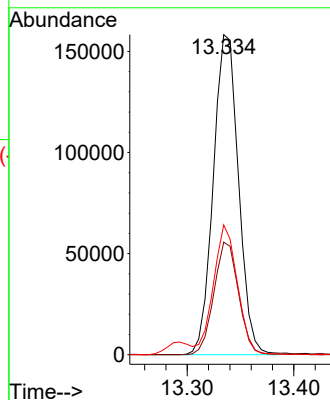
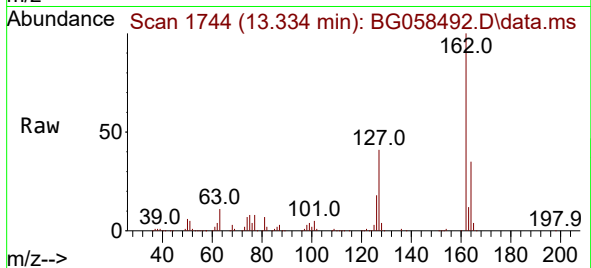




#44
2-Chloronaphthalene
Concen: 42.879 ng/ul
RT: 13.334 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

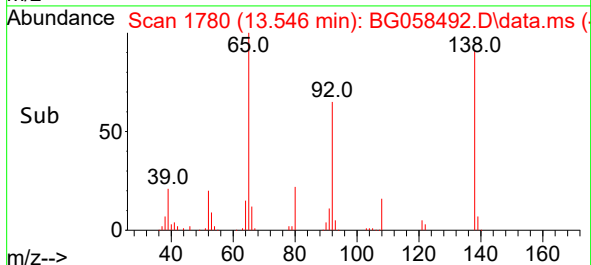
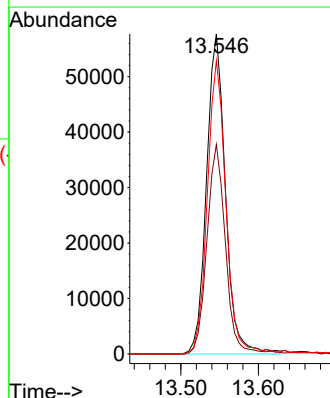
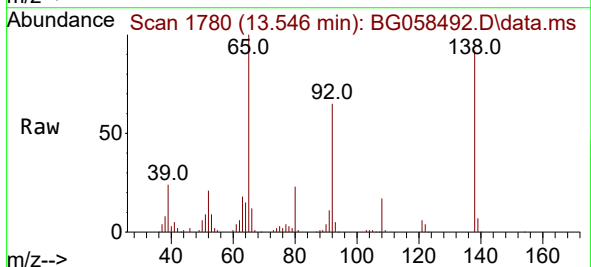
Instrument :
BNA_P
ClientSampleId :

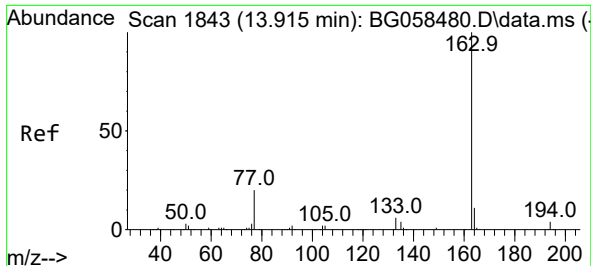
Tgt Ion:162 Resp: 259524
Ion Ratio Lower Upper
162 100
164 35.1 26.2 39.2
127 40.5 29.8 44.6



#45
2-Nitroaniline
Concen: 46.445 ng/ul
RT: 13.546 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

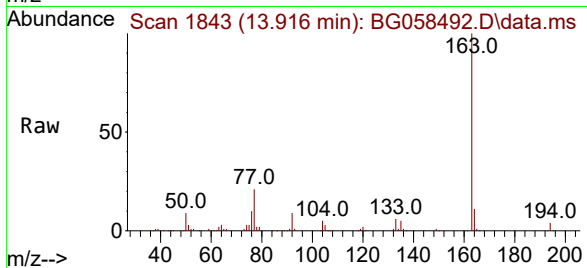
Tgt Ion: 65 Resp: 97645
Ion Ratio Lower Upper
65 100
92 65.5 51.4 77.2
138 91.7 71.6 107.4



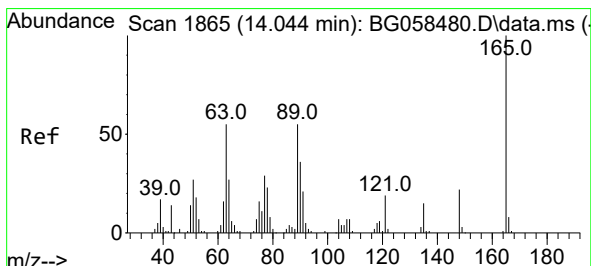
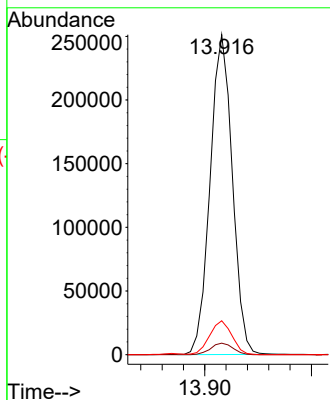
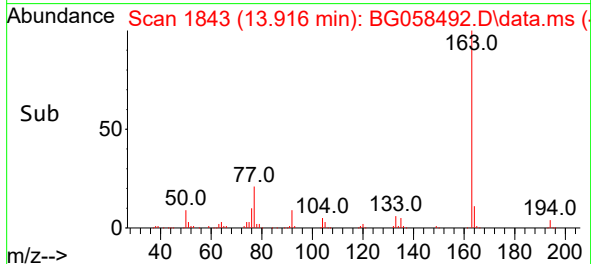


#47
Dimethylphthalate
Concen: 41.636 ng/ul
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

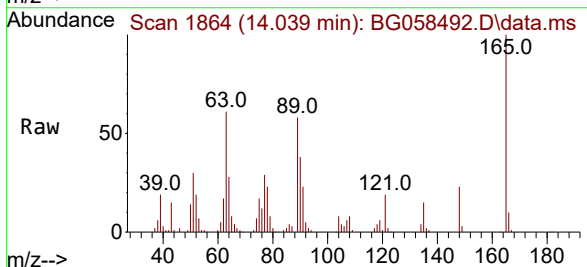
Instrument :
BNA_P
ClientSampleId :



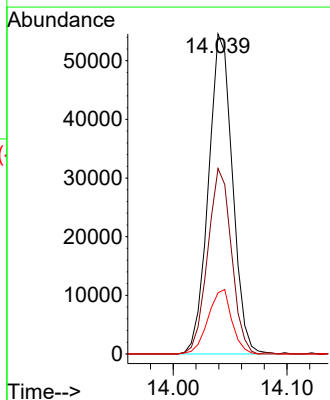
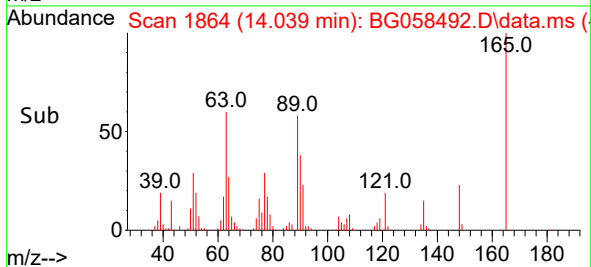
Tgt Ion:163 Resp: 363052
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.6 8.2 12.2

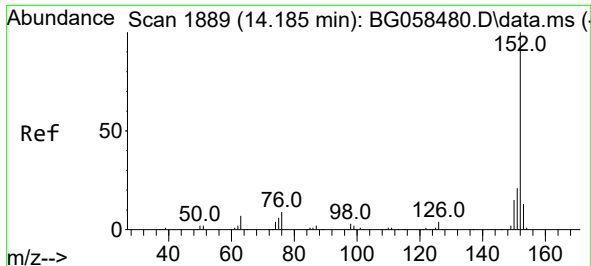


#48
2,6-Dinitrotoluene
Concen: 47.559 ng/ul
RT: 14.039 min Scan# 1864
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04



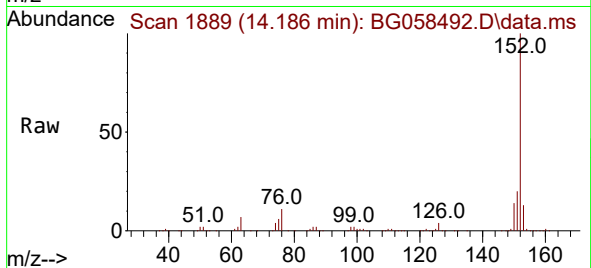
Tgt Ion:165 Resp: 80137
Ion Ratio Lower Upper
165 100
89 58.0 48.9 73.3
121 19.1 16.2 24.4



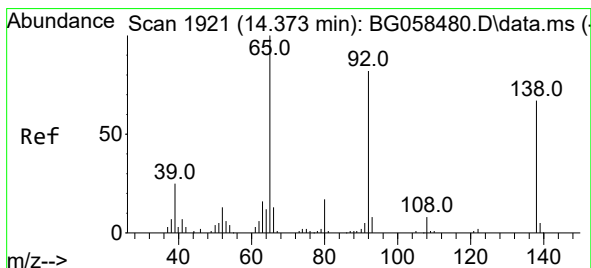
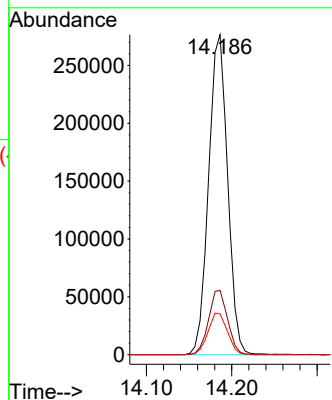
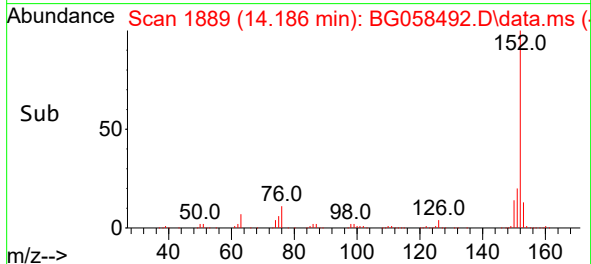


#50
Acenaphthylene
Concen: 43.548 ng/ul
RT: 14.186 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

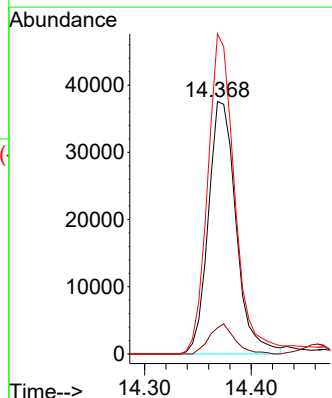
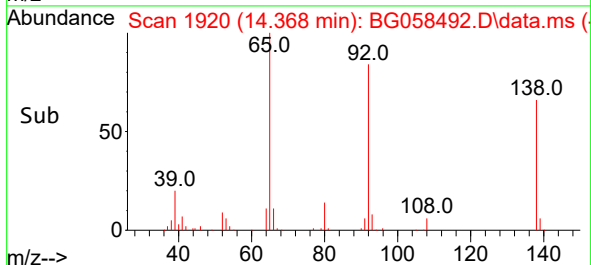
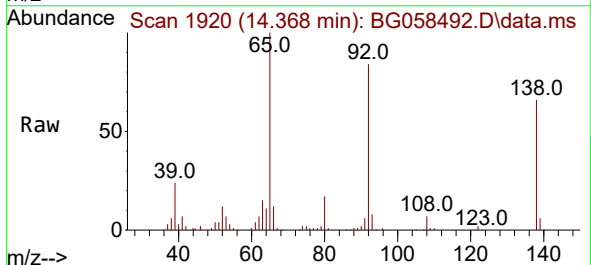


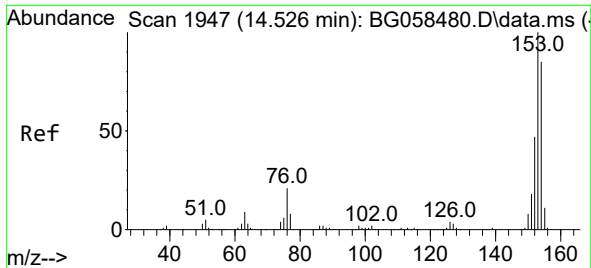
Tgt Ion:152 Resp: 427642
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 12.7 10.6 16.0



#51
3-Nitroaniline
Concen: 48.326 ng/ul
RT: 14.368 min Scan# 1920
Delta R.T. -0.013 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

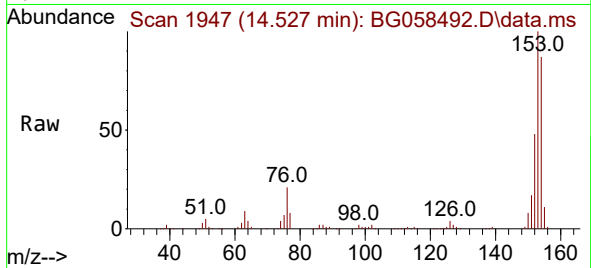
Tgt Ion:138 Resp: 67860
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 126.8 108.4 162.6



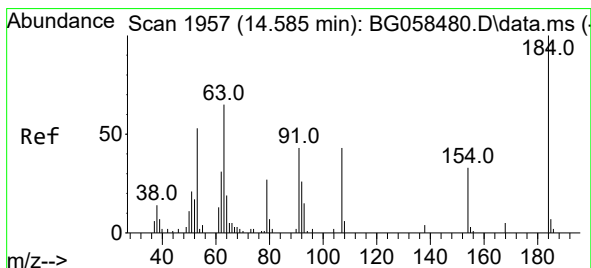
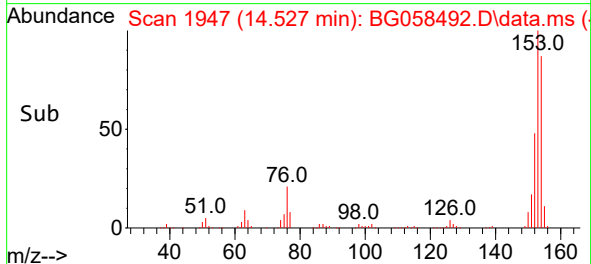
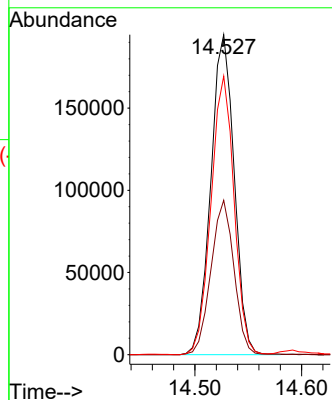


#52
Acenaphthene
Concen: 43.450 ng/ul
RT: 14.527 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

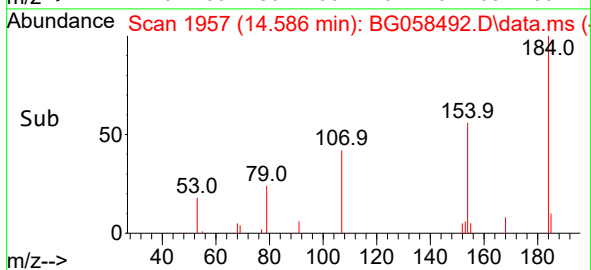
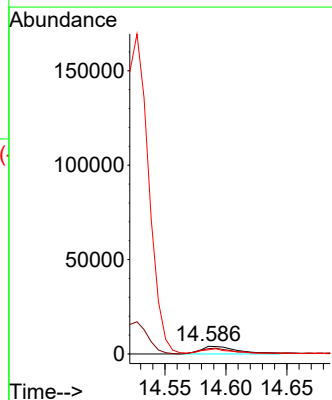
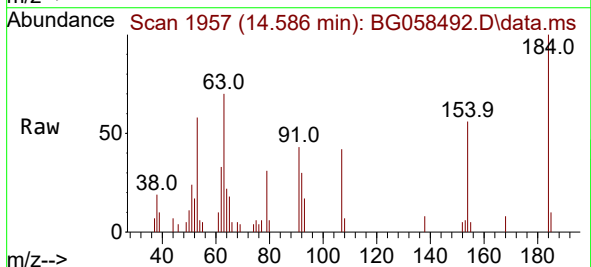


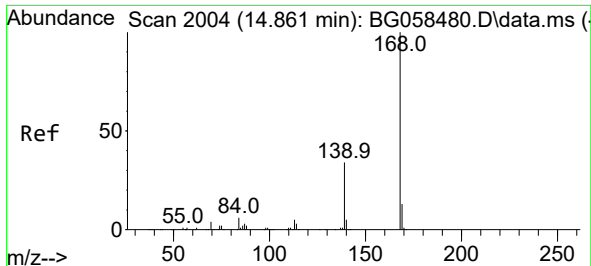
Tgt Ion:153 Resp: 296243
Ion Ratio Lower Upper
153 100
152 48.2 39.1 58.7
154 87.0 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 9.645 ng/ul
RT: 14.586 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:184 Resp: 8649
Ion Ratio Lower Upper
184 100
63 70.0 52.9 79.3
154 55.6 47.8 71.8

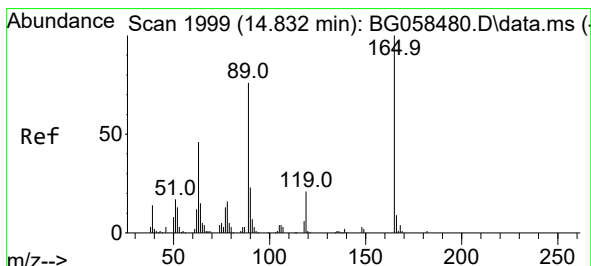
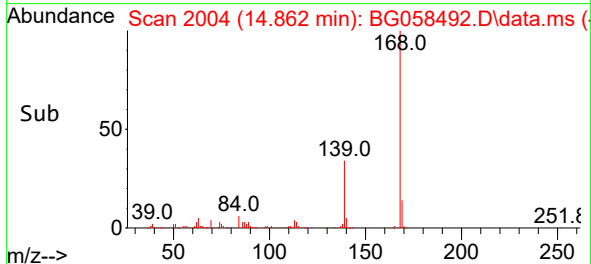
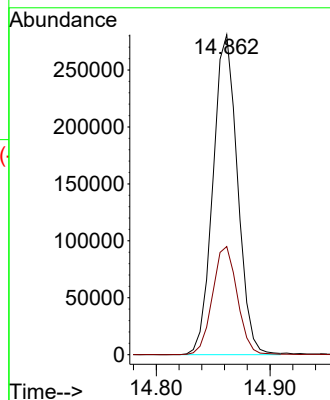
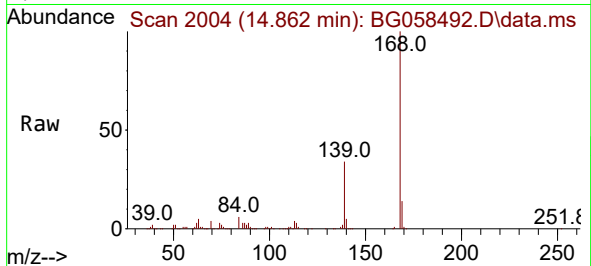




#56
Dibenzenofuran
Concen: 43.375 ng/ul
RT: 14.862 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

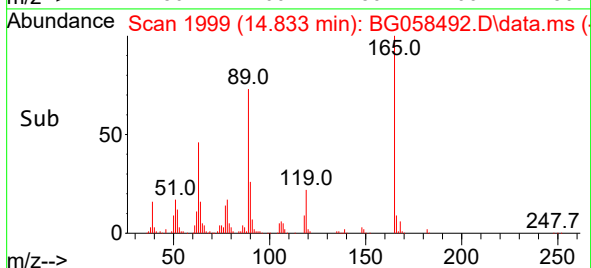
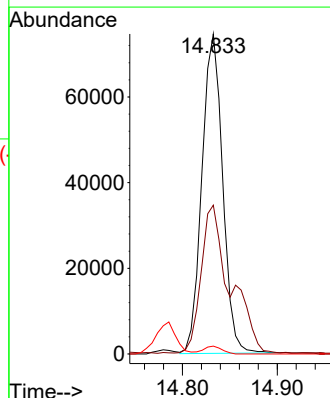
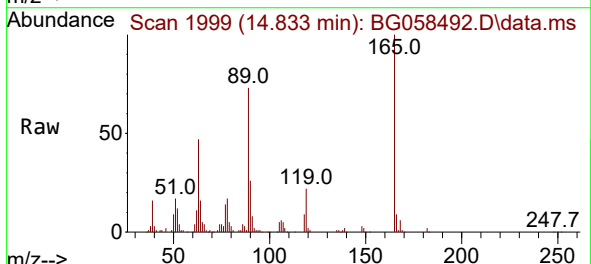
Instrument :
BNA_P
ClientSampleId :

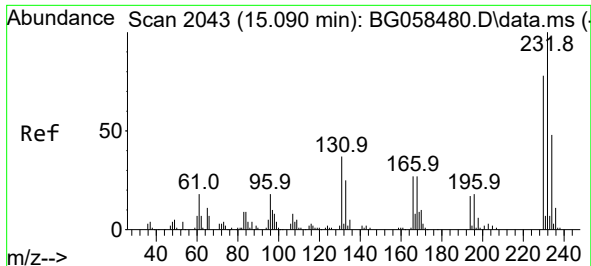
Tgt Ion:168 Resp: 421091
Ion Ratio Lower Upper
168 100
139 33.8 27.8 41.8



#57
2,4-Dinitrotoluene
Concen: 46.521 ng/ul
RT: 14.833 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

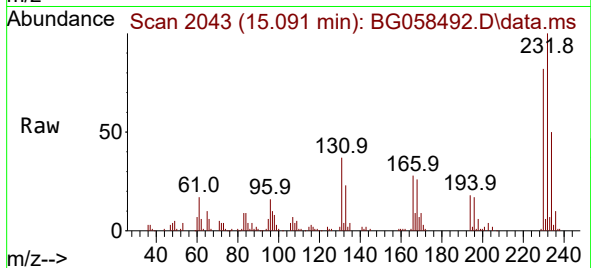
Tgt Ion:165 Resp: 113059
Ion Ratio Lower Upper
165 100
63 46.5 33.8 50.6
182 2.4 1.2 1.8#



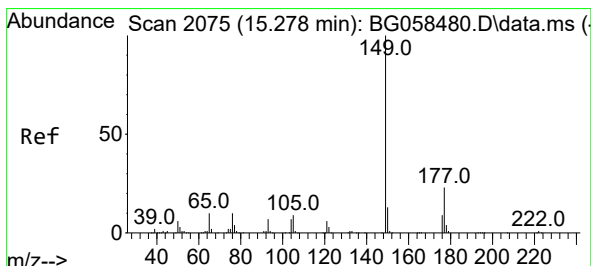
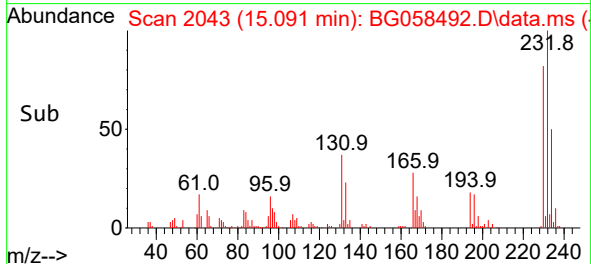
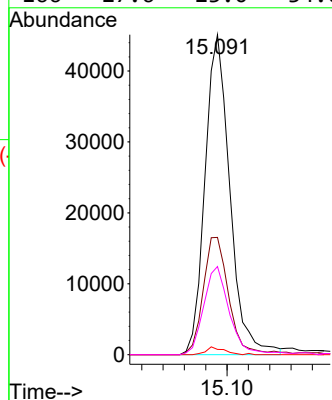


#58
2,3,4,6-Tetrachlorophenol
Concen: 33.661 ng/ul
RT: 15.091 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

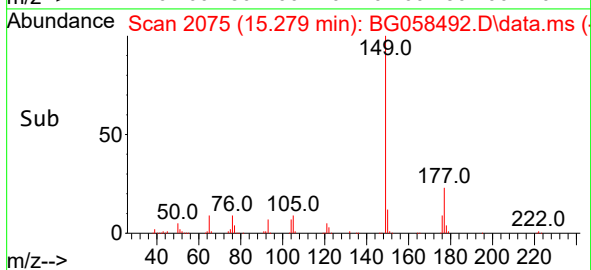
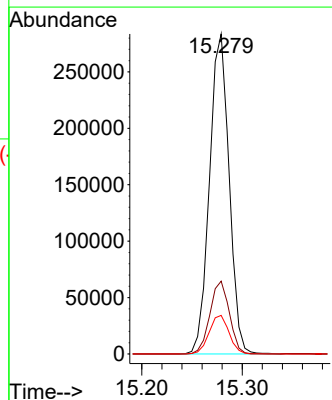
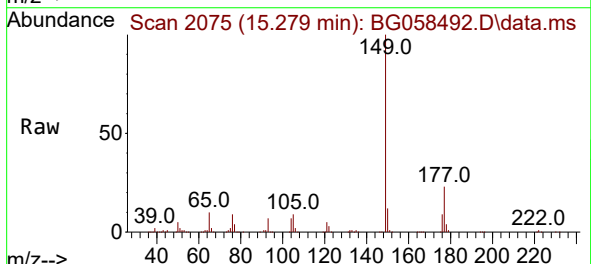


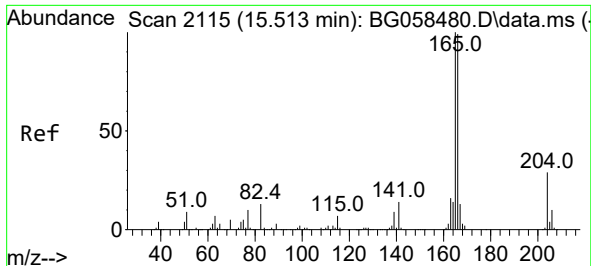
Tgt Ion:232 Resp: 73159
Ion Ratio Lower Upper
232 100
131 36.6 29.0 43.6
130 1.6 1.1 1.7
166 27.6 23.0 34.6



#59
Diethylphthalate
Concen: 42.914 ng/ul
RT: 15.279 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:149 Resp: 385497
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.1 10.0 15.0

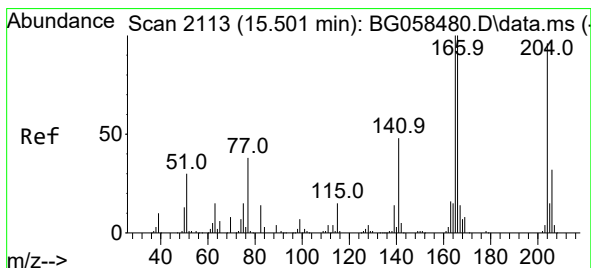
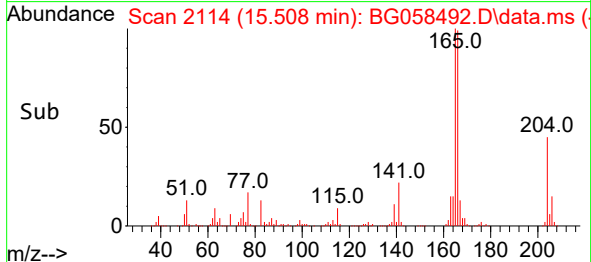
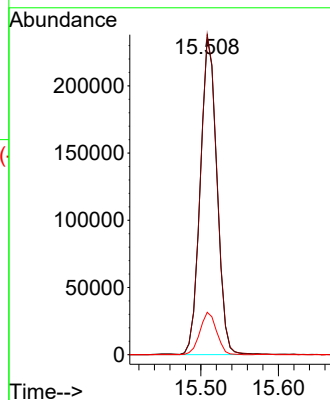
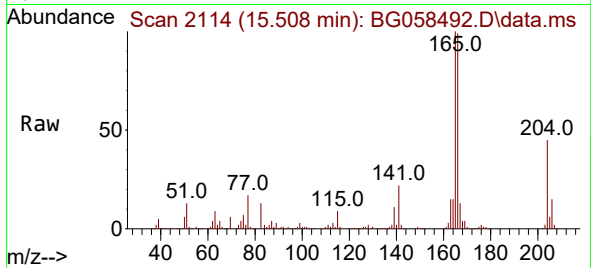




#61
Fluorene
Concen: 44.097 ng/ul
RT: 15.508 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

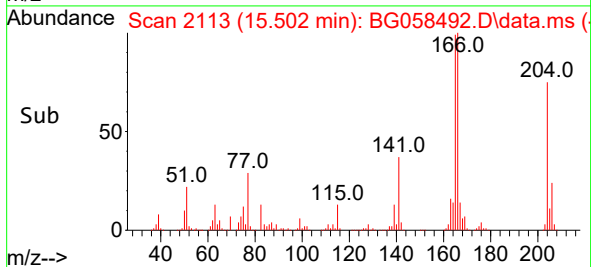
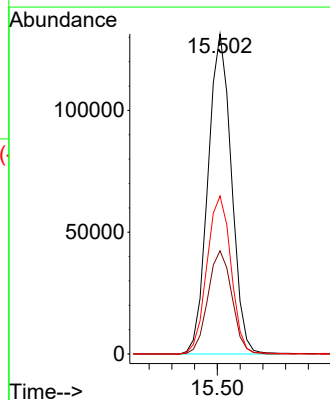
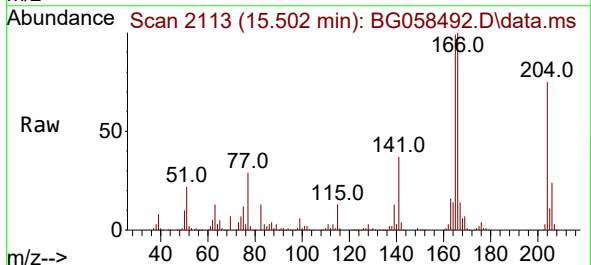
Instrument :
BNA_P
ClientSampleId :

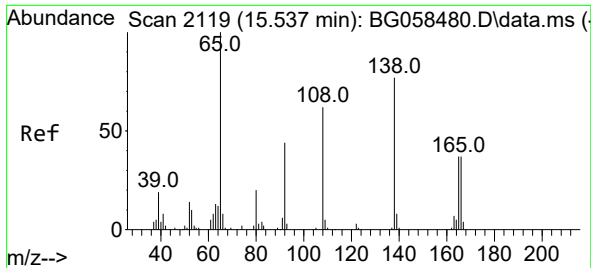
Tgt Ion:166 Resp: 351071
Ion Ratio Lower Upper
166 100
165 100.9 80.2 120.2
167 13.4 10.5 15.7



#62
4-Chlorophenyl-phenylether
Concen: 44.619 ng/ul
RT: 15.502 min Scan# 2113
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:204 Resp: 188582
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 49.4 42.2 63.2

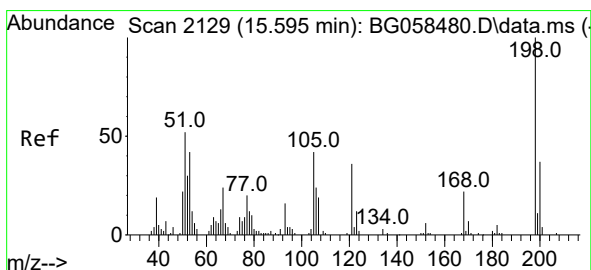
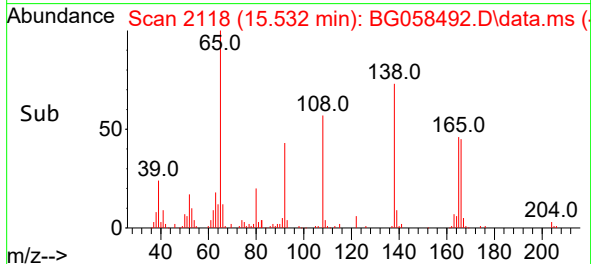
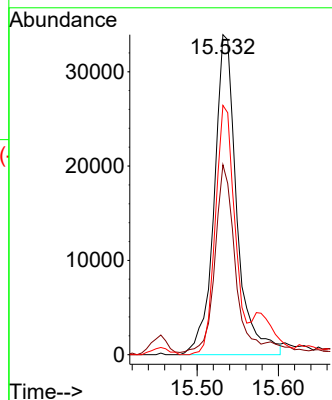
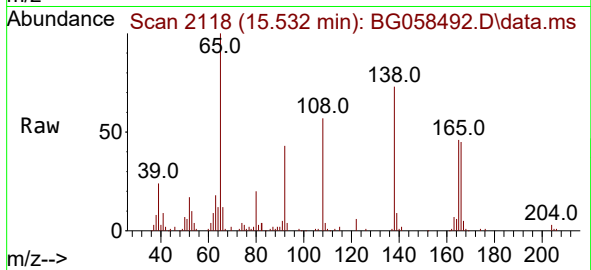




#63
4-Nitroaniline
Concen: 51.786 ng/ul
RT: 15.532 min Scan# 2118
Delta R.T. -0.013 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

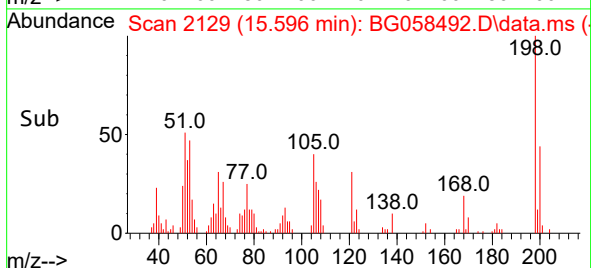
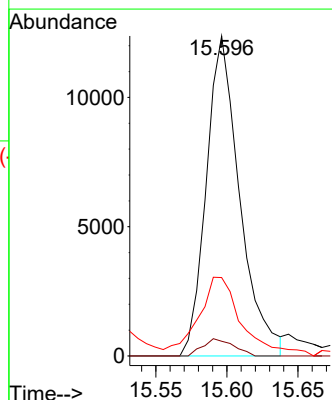
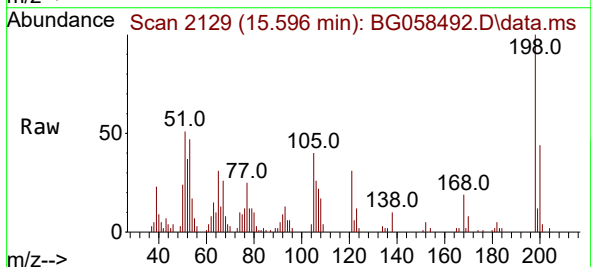
Instrument :
BNA_P
ClientSampleId :

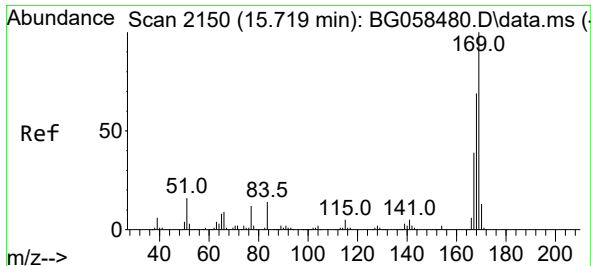
Tgt Ion:138 Resp: 65800
Ion Ratio Lower Upper
138 100
92 59.3 45.0 67.4
108 77.9 60.8 91.2



#66
4,6-Dinitro-2-methylphenol
Concen: 14.038 ng/ul
RT: 15.596 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

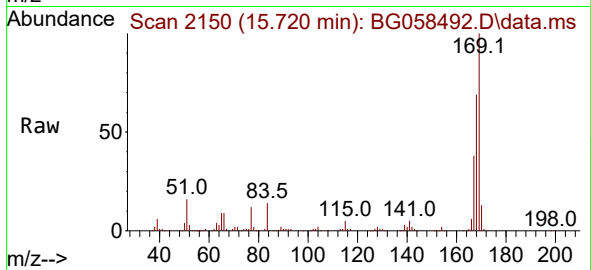
Tgt Ion:198 Resp: 20243
Ion Ratio Lower Upper
198 100
182 4.6 3.4 5.2
77 24.5 18.4 27.6



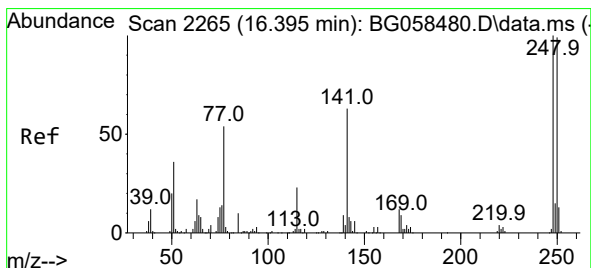
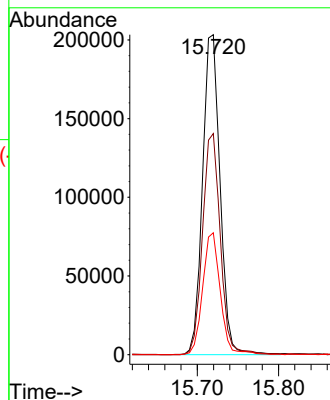
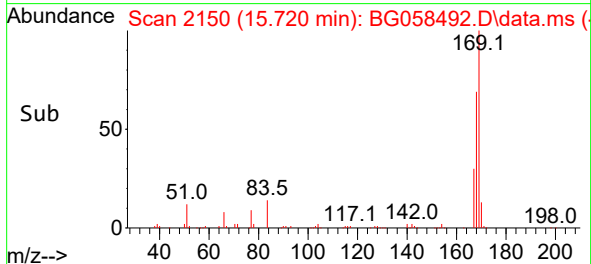


#67
N-Nitrosodiphenylamine
Concen: 44.631 ng/ul
RT: 15.720 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

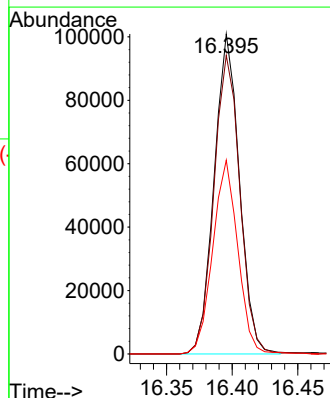
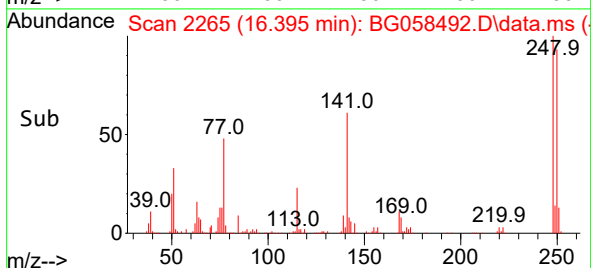
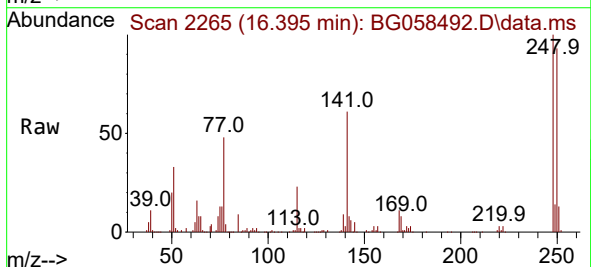


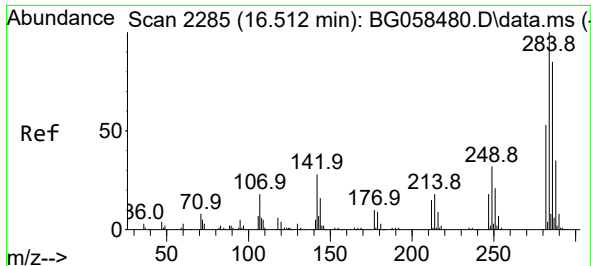
Tgt Ion:169 Resp: 304361
Ion Ratio Lower Upper
169 100
168 69.1 55.7 83.5
167 38.1 31.2 46.8



#68
4-Bromophenyl-phenylether
Concen: 46.368 ng/ul
RT: 16.395 min Scan# 2265
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

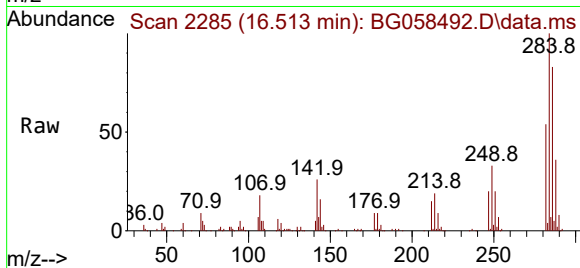
Tgt Ion:248 Resp: 135117
Ion Ratio Lower Upper
248 100
250 93.3 73.8 110.6
141 60.6 48.2 72.2



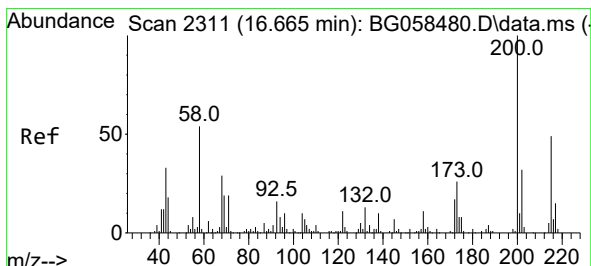
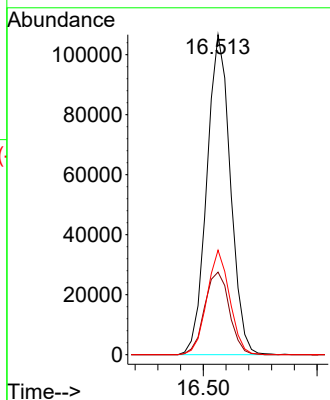
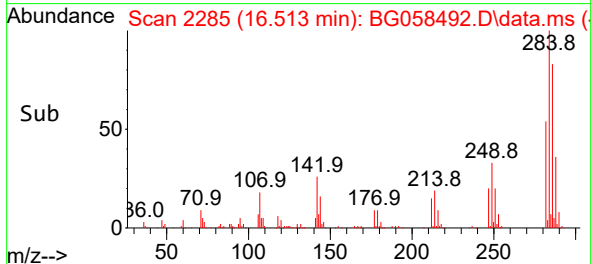


#69
Hexachlorobenzene
Concen: 46.764 ng/ul
RT: 16.513 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Instrument :
BNA_P
ClientSampleId :

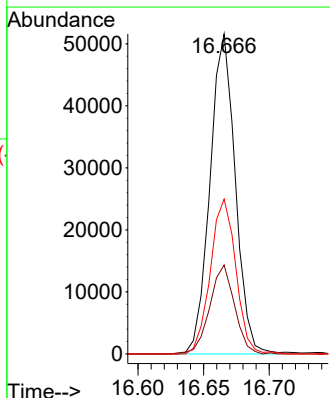
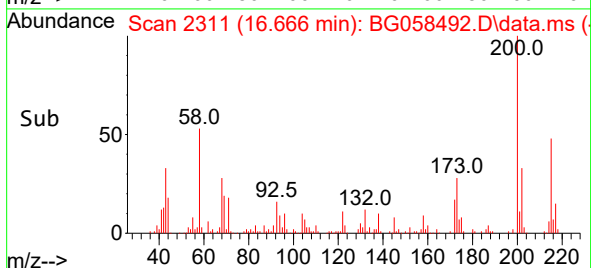
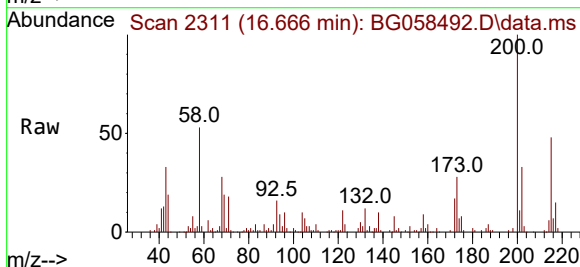


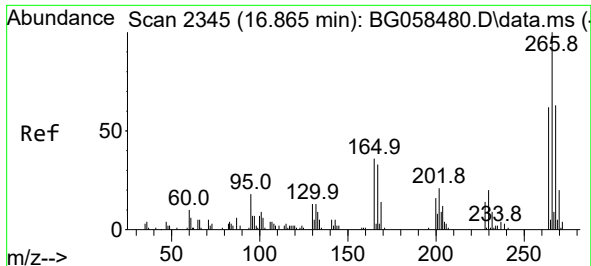
Tgt Ion:284 Resp: 153765
Ion Ratio Lower Upper
284 100
142 25.8 20.5 30.7
249 32.6 25.2 37.8



#70
Atrazine
Concen: 25.816 ng/ul
RT: 16.666 min Scan# 2311
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

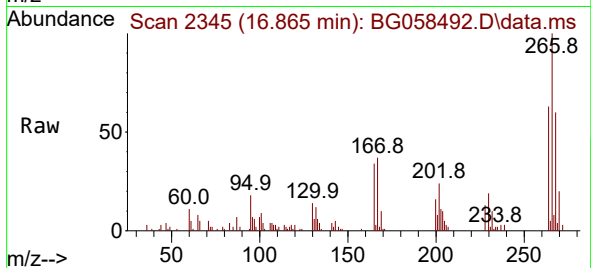
Tgt Ion:200 Resp: 69024
Ion Ratio Lower Upper
200 100
173 27.8 19.8 29.8
215 48.4 36.2 54.4



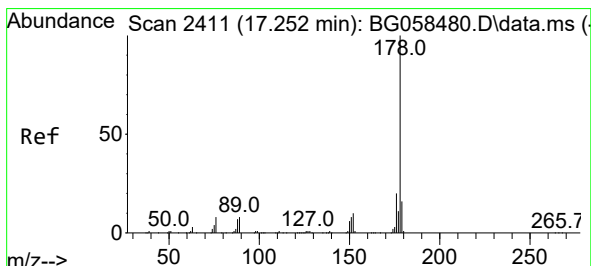
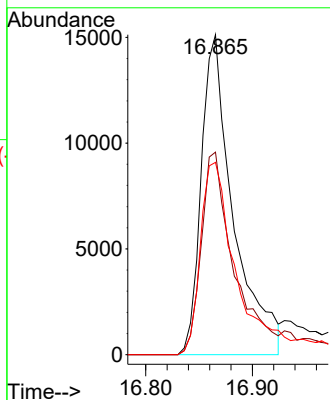
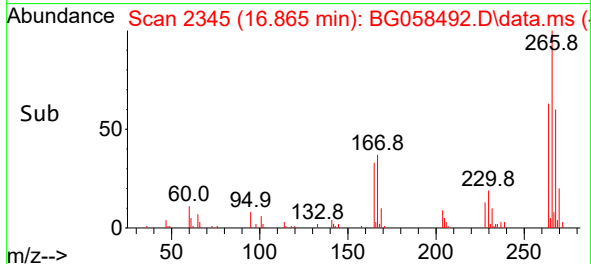


#71
 Pentachlorophenol
 Concen: 17.147 ng/ul
 RT: 16.865 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG058492.D
 Acq: 27 Jul 2023 00:04

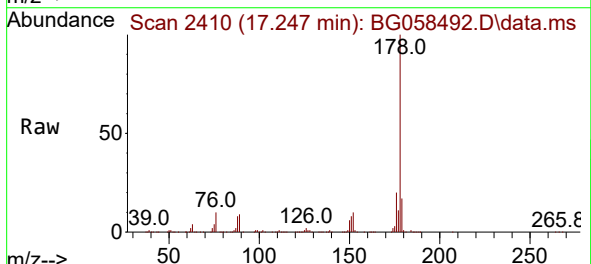
Instrument :
 BNA_P
 ClientSampleId :



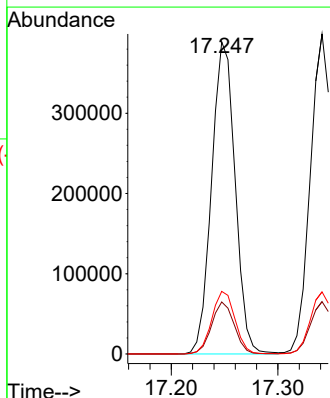
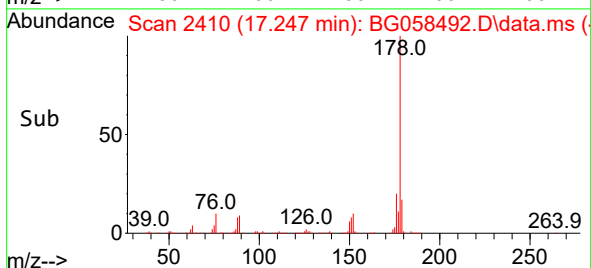
Tgt Ion:266 Resp: 31648
 Ion Ratio Lower Upper
 266 100
 264 63.3 46.6 70.0
 268 60.1 47.6 71.4

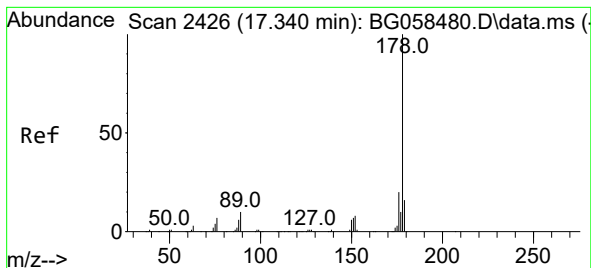


#72
 Phenanthrene
 Concen: 45.523 ng/ul
 RT: 17.247 min Scan# 2410
 Delta R.T. -0.007 min
 Lab File: BG058492.D
 Acq: 27 Jul 2023 00:04



Tgt Ion:178 Resp: 595169
 Ion Ratio Lower Upper
 178 100
 179 16.7 11.9 17.9
 176 20.0 15.8 23.8





#74

Anthracene

Concen: 44.692 ng/uI

RT: 17.341 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

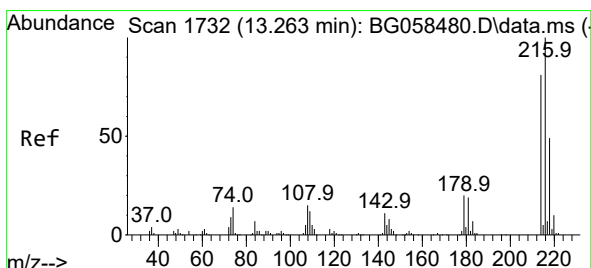
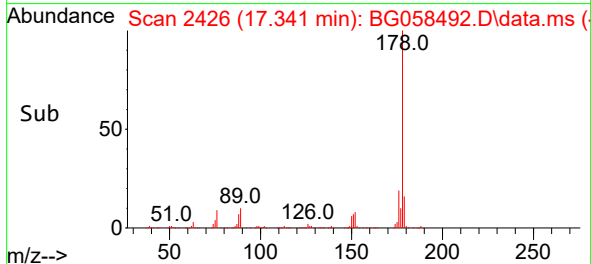
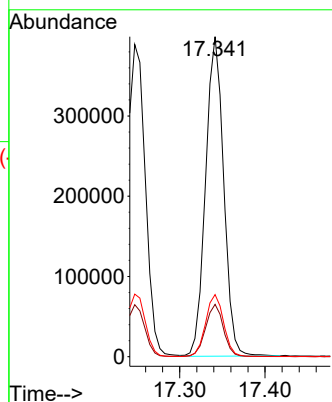
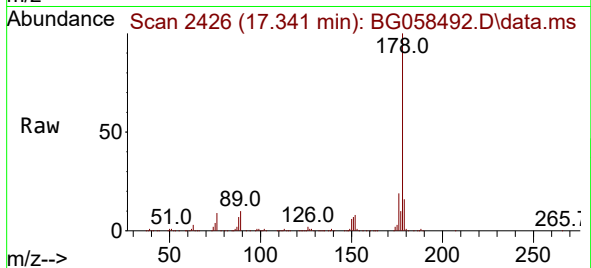
Tgt Ion:178 Resp: 586586

Ion Ratio Lower Upper

178 100

179 16.4 13.4 20.2

176 19.4 16.2 24.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 44.284 ng/uI

RT: 13.258 min Scan# 1731

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

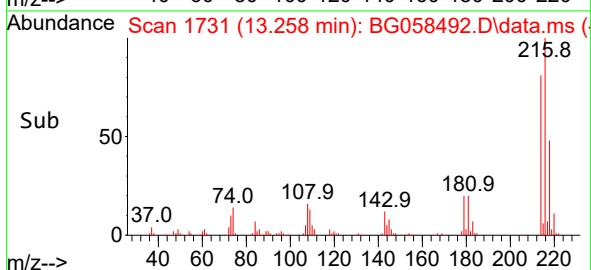
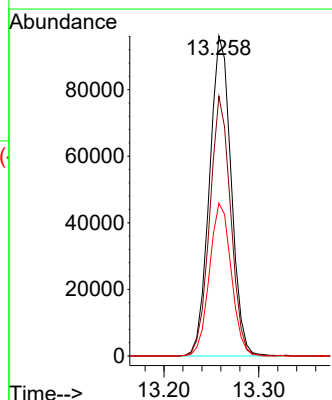
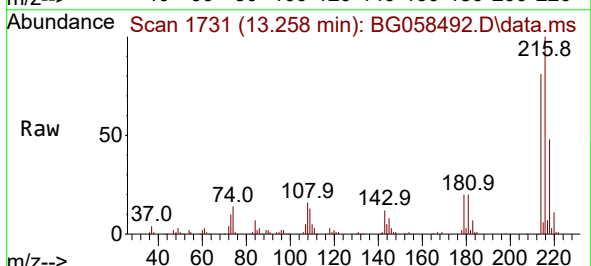
Tgt Ion:216 Resp: 152817

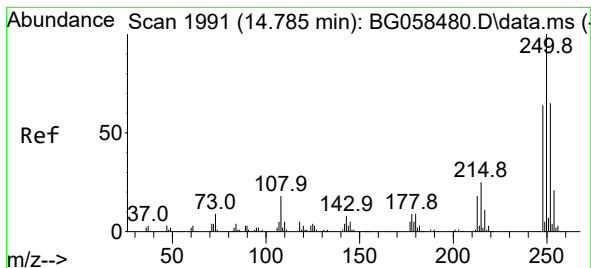
Ion Ratio Lower Upper

216 100

214 81.2 62.2 93.4

218 47.7 40.9 61.3





#76

Pentachlorobenzene

Concen: 102.019 ng/uL

RT: 14.786 min Scan# 1991

Delta R.T. -0.001 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

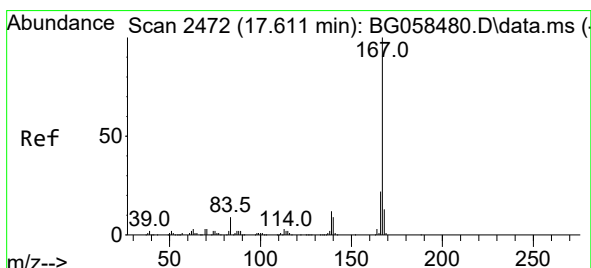
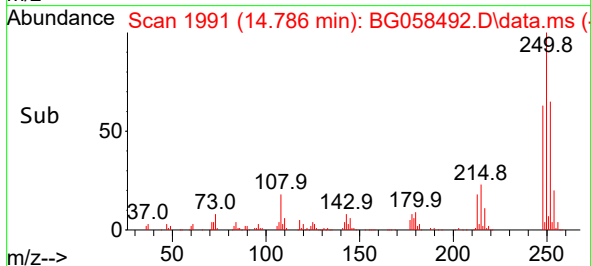
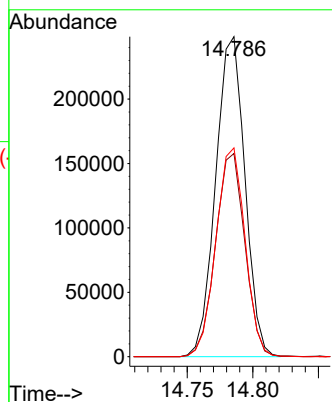
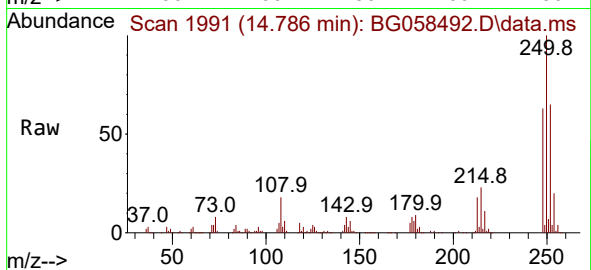
Tgt Ion:250 Resp: 384982

Ion Ratio Lower Upper

250 100

248 63.5 51.6 77.4

252 65.2 54.4 81.6



#77

Carbazole

Concen: 47.675 ng/uL

RT: 17.612 min Scan# 2472

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

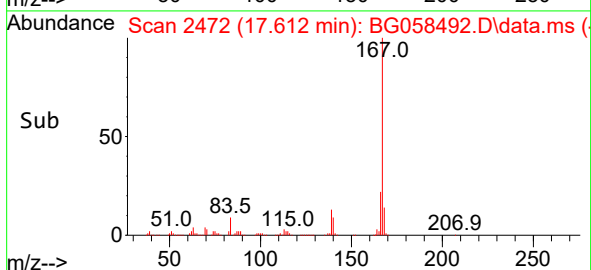
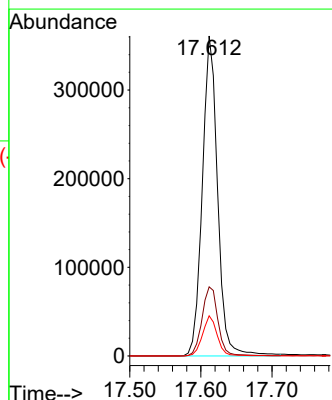
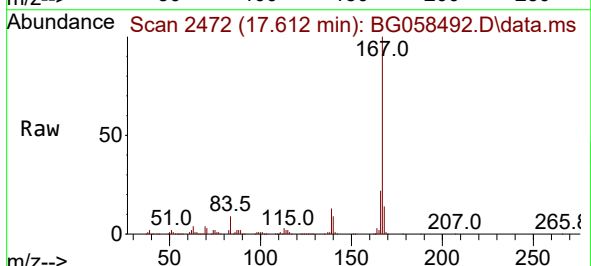
Tgt Ion:167 Resp: 542424

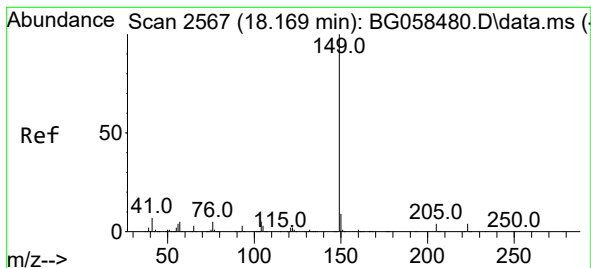
Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

139 12.6 9.4 14.0





#78

Di-n-butylphthalate

Concen: 51.253 ng/ul

RT: 18.164 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

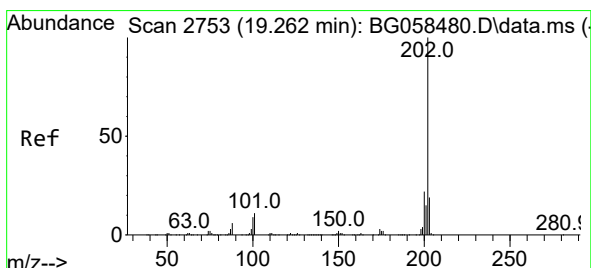
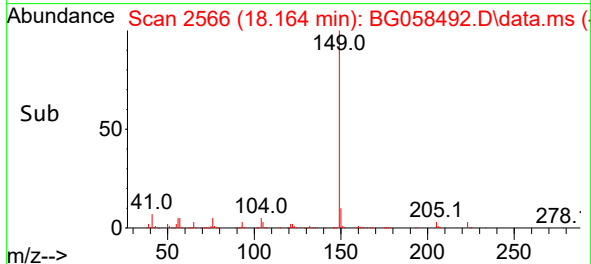
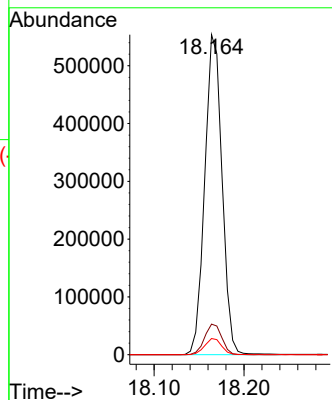
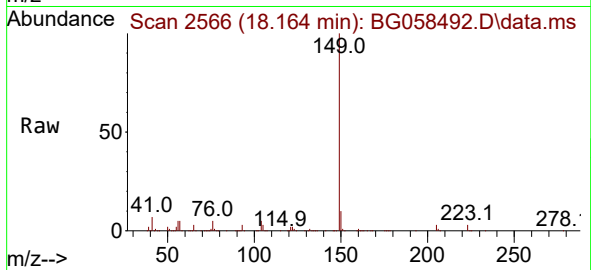
Tgt Ion:149 Resp: 740975

Ion Ratio Lower Upper

149 100

150 9.6 7.2 10.8

104 5.1 3.9 5.9



#80

Fluoranthene

Concen: 45.237 ng/ul

RT: 19.263 min Scan# 2753

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

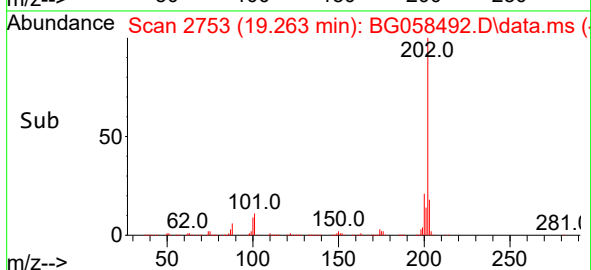
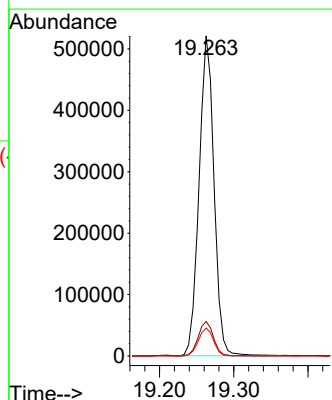
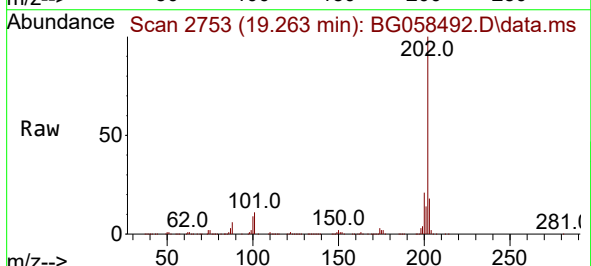
Tgt Ion:202 Resp: 730019

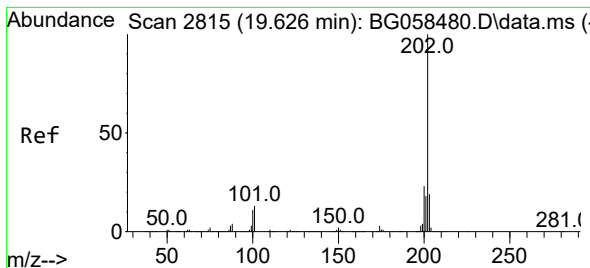
Ion Ratio Lower Upper

202 100

101 10.8 8.6 12.8

100 8.7 7.2 10.8





#82

Pyrene

Concen: 44.682 ng/ul

RT: 19.627 min Scan# 2815

Delta R.T. -0.001 min

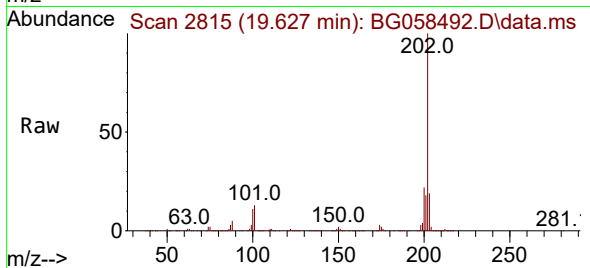
Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :



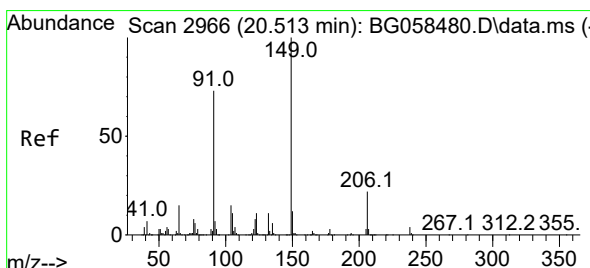
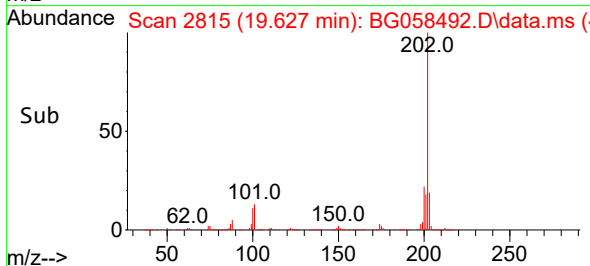
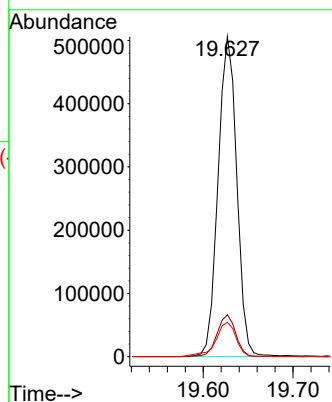
Tgt Ion:202 Resp: 730619

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

100 10.8 8.9 13.3



#83

Butylbenzylphthalate

Concen: 49.520 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

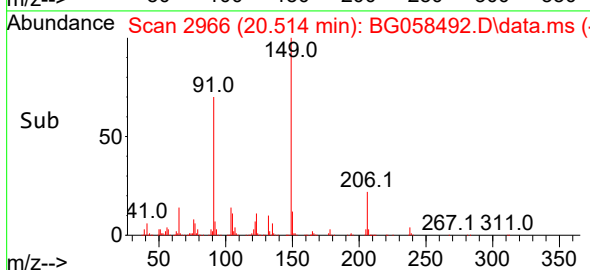
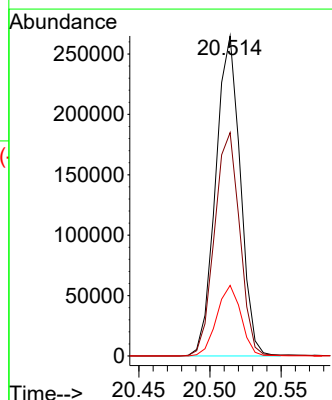
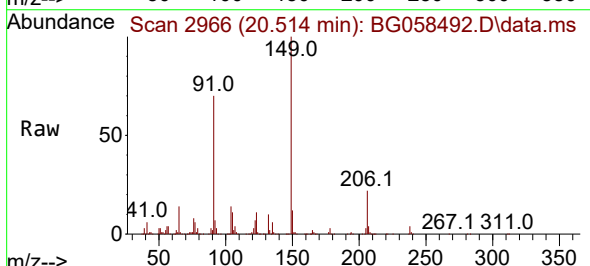
Tgt Ion:149 Resp: 318844

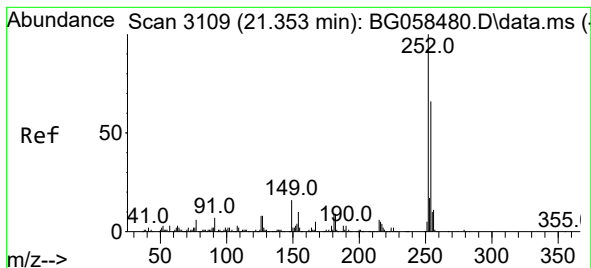
Ion Ratio Lower Upper

149 100

91 69.8 59.9 89.9

206 22.1 16.9 25.3





#84

3,3'-Dichlorobenzidine

Concen: 47.666 ng/ul

RT: 21.348 min Scan# 3109

Delta R.T. -0.007 min

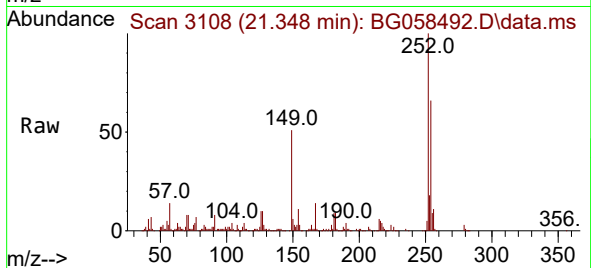
Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :



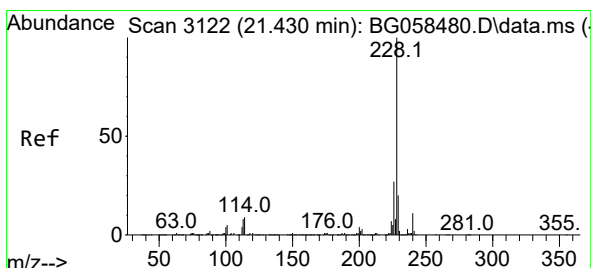
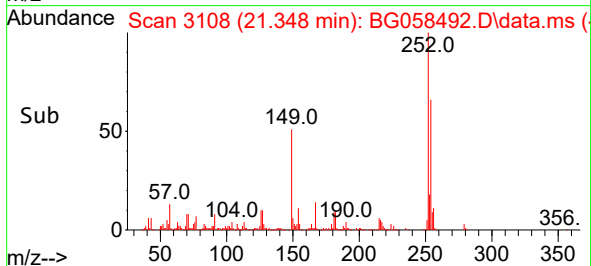
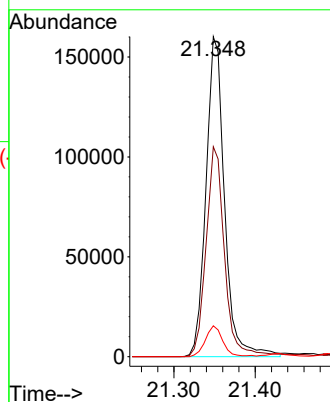
Tgt Ion:252 Resp: 253773

Ion Ratio Lower Upper

252 100

254 65.6 50.5 75.7

126 9.7 6.5 9.7



#85

Benzo(a)anthracene

Concen: 47.462 ng/ul

RT: 21.431 min Scan# 3122

Delta R.T. -0.001 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

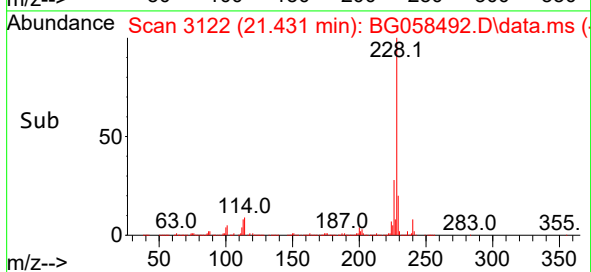
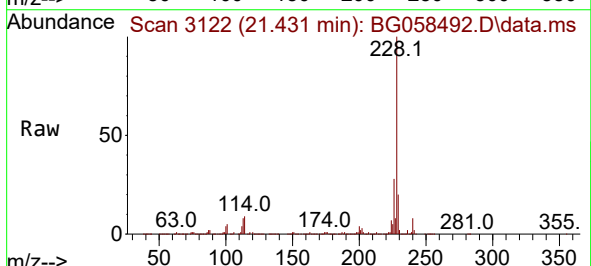
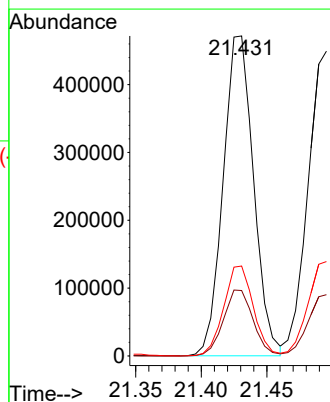
Tgt Ion:228 Resp: 760855

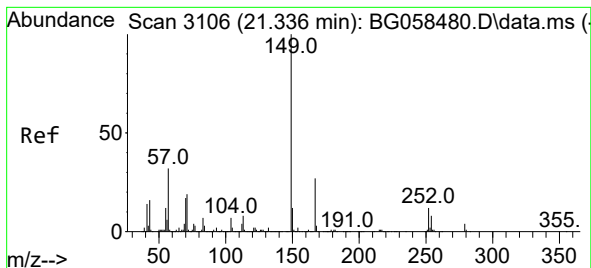
Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

226 28.1 21.8 32.8

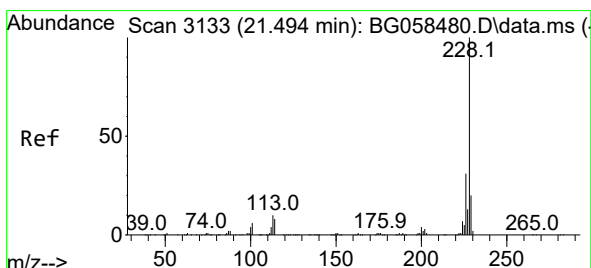
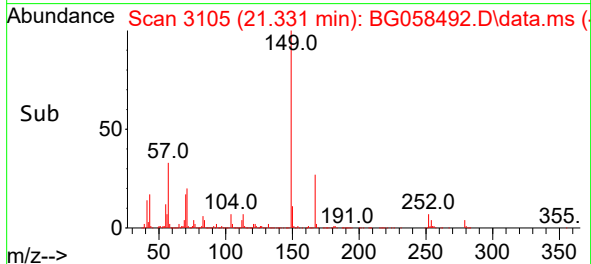
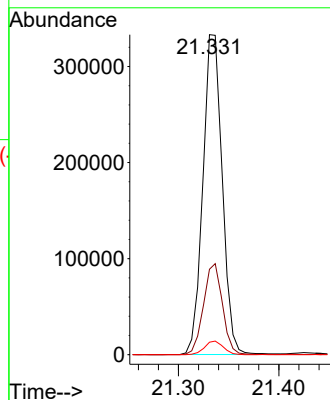
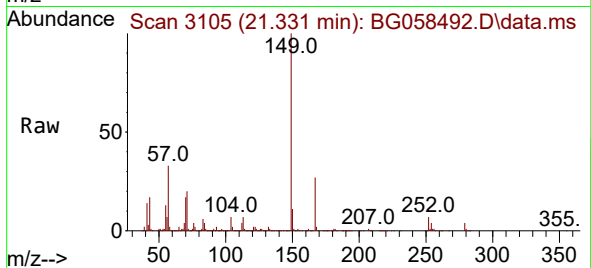




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 48.920 ng/ul
 RT: 21.331 min Scan# 3105
 Delta R.T. -0.007 min
 Lab File: BG058492.D
 Acq: 27 Jul 2023 00:04

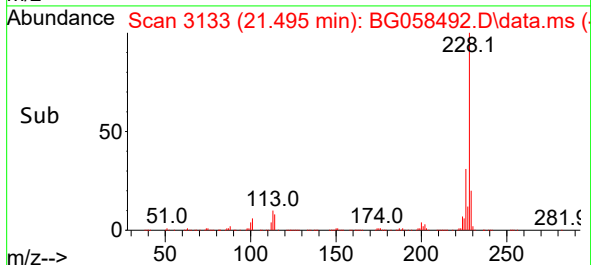
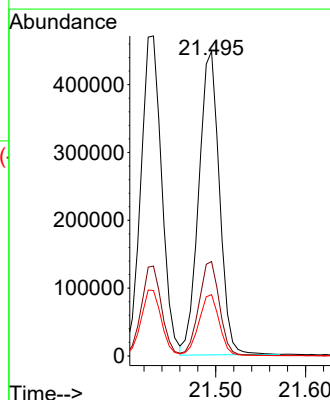
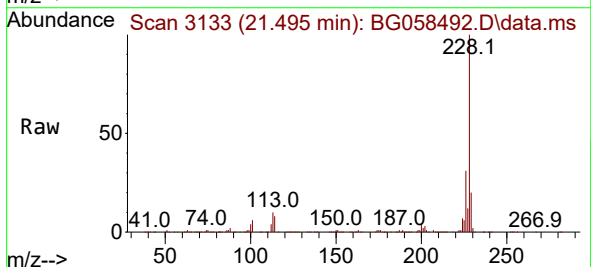
Instrument :
 BNA_P
 ClientSampleId :

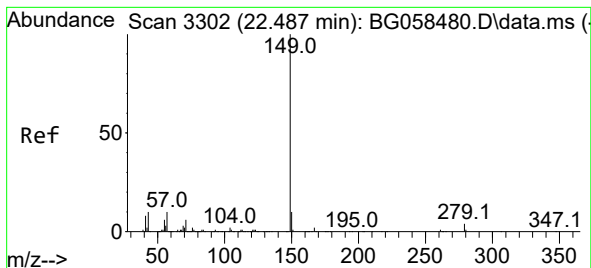
Tgt Ion:149 Resp: 448009
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.6 32.4
 279 3.9 3.0 4.4



#87
 Chrysene
 Concen: 46.997 ng/ul
 RT: 21.495 min Scan# 3133
 Delta R.T. -0.001 min
 Lab File: BG058492.D
 Acq: 27 Jul 2023 00:04

Tgt Ion:228 Resp: 714613
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.0 36.0
 229 20.1 15.8 23.8





#89

Di-n-octyl phthalate

Concen: 50.084 ng/ul

RT: 22.482 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG058492.D

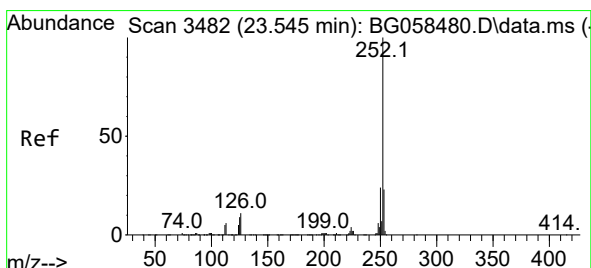
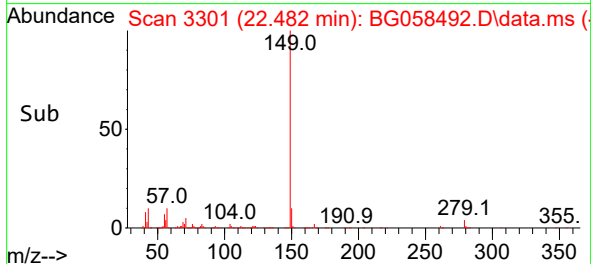
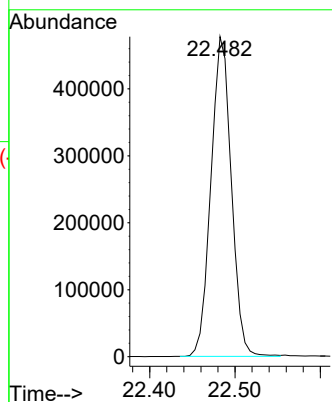
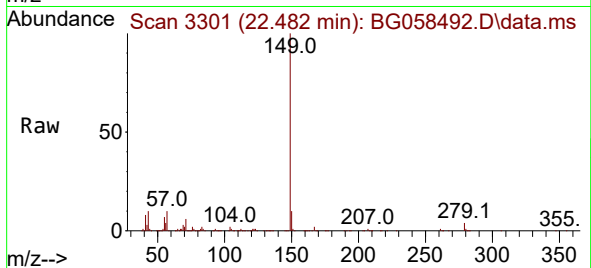
Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 795719



#90

Benzo(b)fluoranthene

Concen: 46.507 ng/ul

RT: 23.540 min Scan# 3481

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

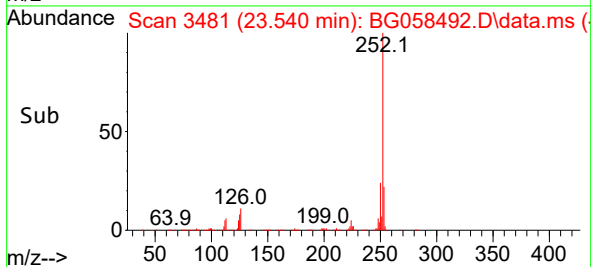
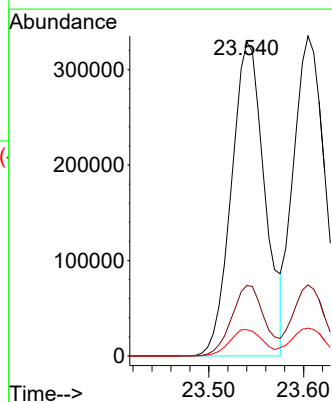
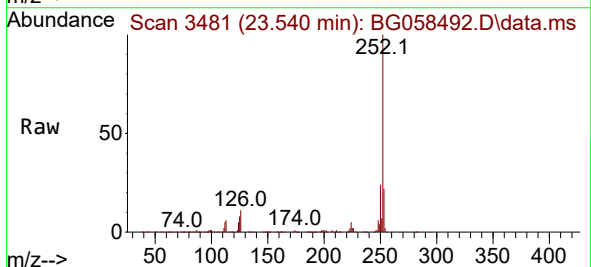
Tgt Ion:252 Resp: 803493

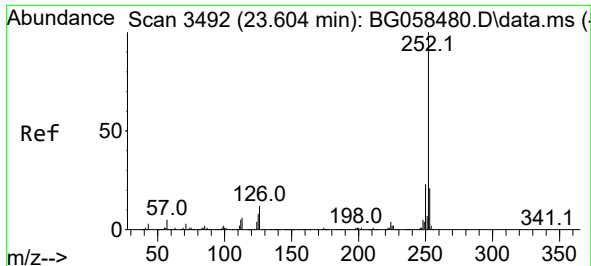
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 8.3 6.7 10.1

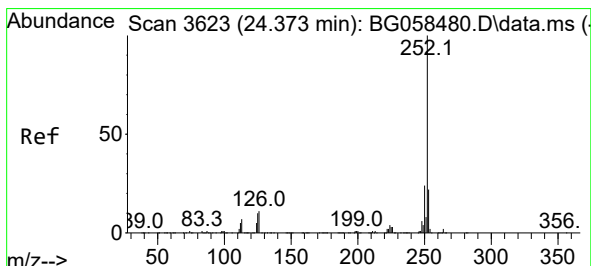
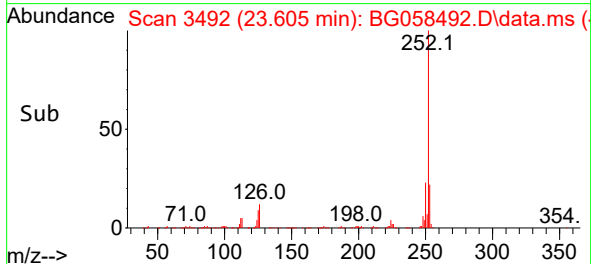
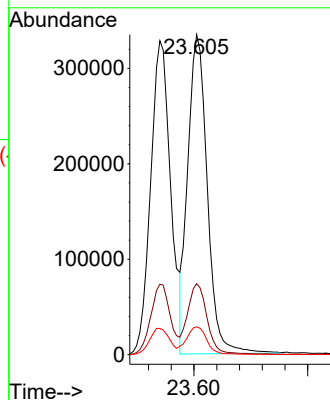
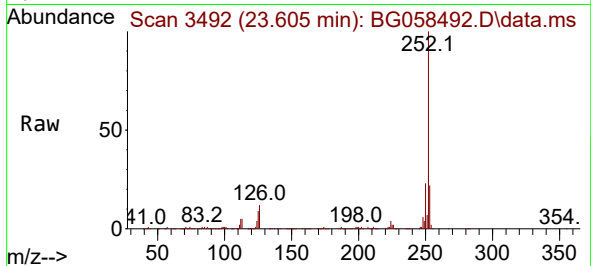




#91
Benzo(k)fluoranthene
Concen: 46.329 ng/ul
RT: 23.605 min Scan# 3492
Delta R.T. -0.007 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

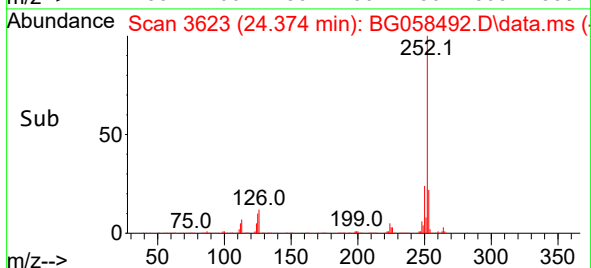
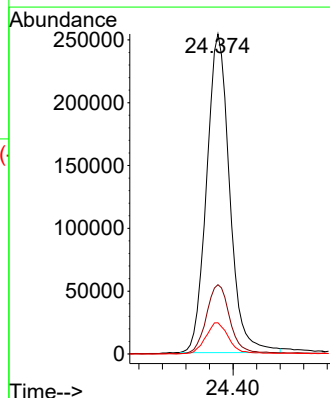
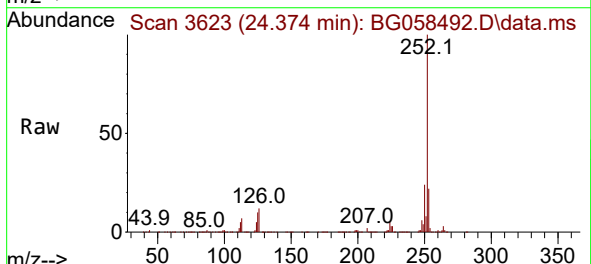
Instrument :
BNA_P
ClientSampleId :

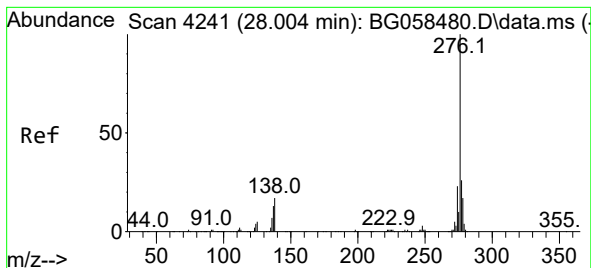
Tgt Ion:252 Resp: 798293
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 8.7 7.4 11.0



#93
Benzo(a)pyrene
Concen: 44.820 ng/ul
RT: 24.374 min Scan# 3623
Delta R.T. -0.001 min
Lab File: BG058492.D
Acq: 27 Jul 2023 00:04

Tgt Ion:252 Resp: 688732
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.8 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 37.967 ng/ul

RT: 28.011 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

Instrument :

BNA_P

ClientSampleId :

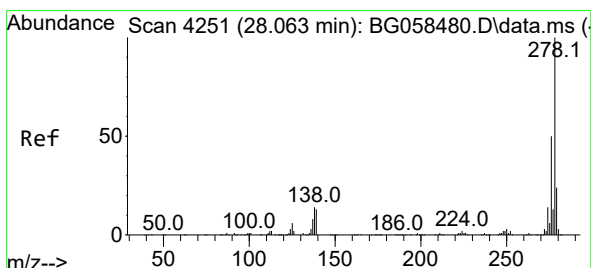
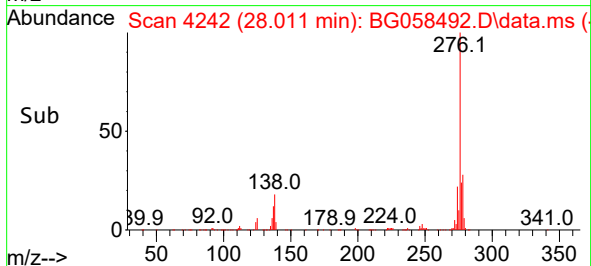
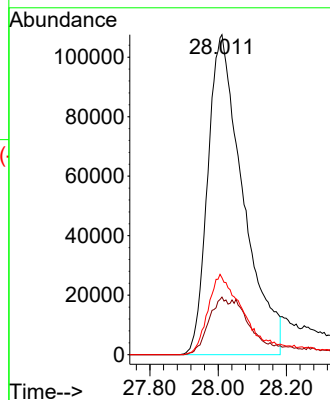
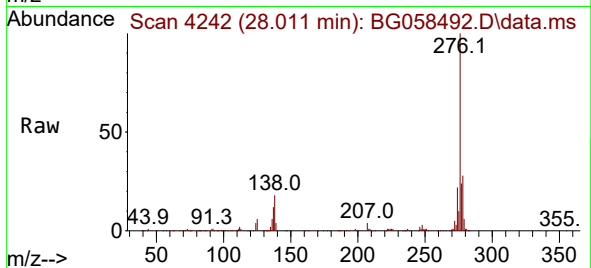
Tgt Ion:276 Resp: 768686

Ion Ratio Lower Upper

276 100

138 18.0 13.8 20.6

277 24.1 19.2 28.8



#95

Dibenzo(a,h)anthracene

Concen: 39.685 ng/ul

RT: 28.064 min Scan# 4251

Delta R.T. -0.007 min

Lab File: BG058492.D

Acq: 27 Jul 2023 00:04

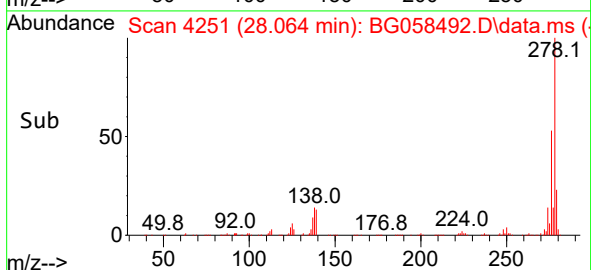
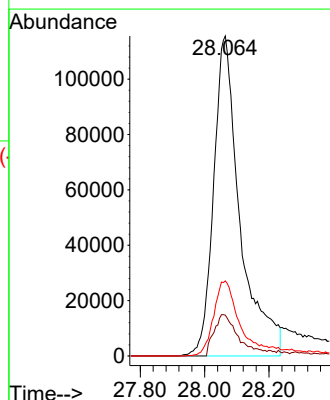
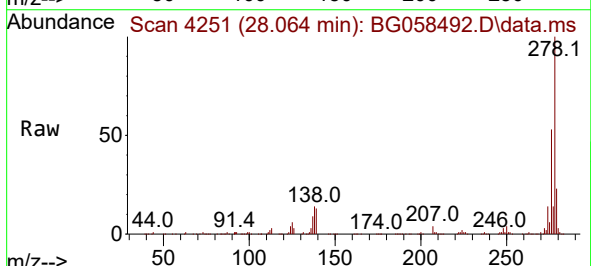
Tgt Ion:278 Resp: 658864

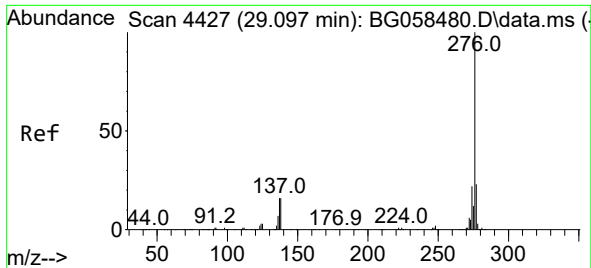
Ion Ratio Lower Upper

278 100

139 12.8 10.4 15.6

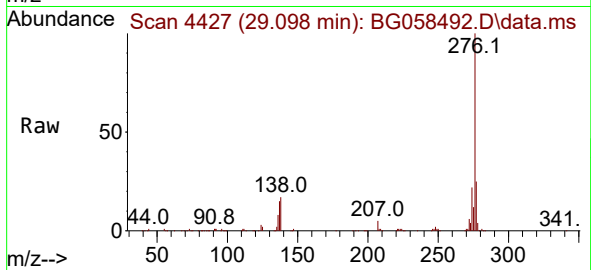
279 23.4 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 34.047 ng/ul
 RT: 29.098 min Scan# 44
 Delta R.T. -0.013 min
 Lab File: BG058492.D
 Acq: 27 Jul 2023 00:04

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	561615
Ion Ratio	Lower	Upper	
276	100		
138	17.2	13.5	20.3
277	25.4	19.4	29.2

