

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
 Data File : BG058493.D
 Acq On : 27 Jul 2023 00:46
 Operator : MA/JU
 Sample : 03553-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 27 02:19:12 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	7.818	152	43918	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	185844	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	124428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	298558	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	259982	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	320467	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	6851	5.742	ng/uL	0.00
4) Pyridine-d5	3.652	84	50760	14.332	ng/u1	0.00
7) Phenol-d5	6.983	99	27897	6.696	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	109571	42.078	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	82163	28.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	52366	16.478	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	61565	44.196	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	38759	25.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	100034	34.314	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	143934	34.057	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	394086	41.072	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	437910	43.551	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	2970	2.050	ng/u1	0.00
60) Fluorene-d10	15.456	176	345248	43.461	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	18647	12.259	ng/u1	0.00
73) Anthracene-d10	17.306	188	583976	45.268	ng/u1	0.00
81) Pyrene-d10	19.598	212	710607	46.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	739229	47.726	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	7362	5.439	ng/uL	87
5) Pyridine	3.669	79	53657	14.346	ng/u1	99
6) Benzaldehyde	6.954	77	87684	52.114	ng/u1	97
8) Phenol	7.013	94	29012	6.706	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.236	93	127553	38.483	ng/u1	96
12) 2-Chlorophenol	7.377	128	79661	26.096	ng/u1	98
13) 2-Methylphenol	8.264	108	66503	19.722	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	204370	37.626	ng/u1	97
16) Acetophenone	8.634	105	197826	36.554	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.617	70	103699	35.010	ng/u1	98
18) 4-Methylphenol	8.593	108	58013	15.830	ng/u1	95
19) Hexachloroethane	8.893	117	35258	29.302	ng/u1	97
22) Nitrobenzene	9.022	77	147906	39.815	ng/u1	99
23) Isophorone	9.539	82	301500	36.201	ng/u1	99
25) 2-Nitrophenol	9.733	139	37692	23.204	ng/u1	97
26) 2,4-Dimethylphenol	9.792	107	96830	26.734	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.027	93	170020	38.546	ng/u1	99
29) 2,4-Dichlorophenol	10.268	162	87926	31.777	ng/u1	95
30) Naphthalene	10.667	128	357064	35.945	ng/u1	98
32) 4-Chloroaniline	10.779	127	112496	26.044	ng/u1	97
33) Hexachlorobutadiene	10.949	225	67424	34.077	ng/u1	98
34) Caprolactam	11.537	113	5359	4.663	ng/u1	95
35) 4-Chloro-3-methylphenol	11.907	107	97215	27.607	ng/u1	96
36) 2-Methylnaphthalene	12.283	142	240318	36.110	ng/u1	100

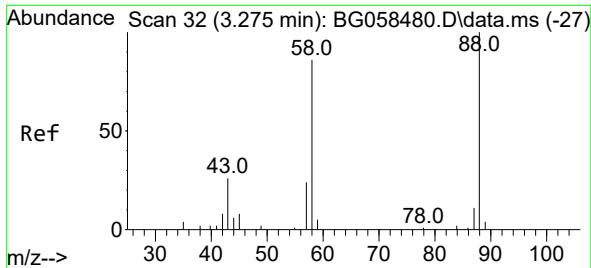
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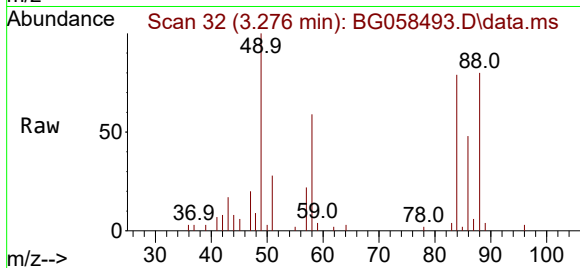
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	244683	35.872	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.653	216	149850	41.602	ng/ul	98
40) Hexachlorocyclopentadiene	12.624	237	31428	16.223	ng/ul	96
41) 2,4,6-Trichlorophenol	12.894	196	86637	35.531	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	74203	28.539	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	334226	39.724	ng/ul	99
44) 2-Chloronaphthalene	13.335	162	270585	40.448	ng/ul	97
45) 2-Nitroaniline	13.546	65	97435	41.931	ng/ul	95
47) Dimethylphthalate	13.916	163	370445	38.437	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	82539	44.319	ng/ul	99
50) Acenaphthylene	14.187	152	435021	40.080	ng/ul	99
51) 3-Nitroaniline	14.375	138	69459	44.753	ng/ul	91
52) Acenaphthene	14.527	153	301128	39.960	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	7986	8.057	ng/ul	98
55) 4-Nitrophenol	14.698	109	2463	2.207	ng/ul	93
56) Dibenzofuran	14.862	168	432971	40.351	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	115300	42.924	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.091	232	74784	31.131	ng/ul	98
59) Diethylphthalate	15.279	149	391264	39.407	ng/ul	99
61) Fluorene	15.509	166	356074	40.465	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	196785	42.125	ng/ul	97
63) 4-Nitroaniline	15.532	138	66404	47.284	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.597	198	16240	10.377	ng/ul#	99
67) N-Nitrosodiphenylamine	15.720	169	311967	42.154	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	137360	43.436	ng/ul	96
69) Hexachlorobenzene	16.513	284	157771	44.214	ng/ul	100
70) Atrazine	16.666	200	72238	24.896	ng/ul	94
71) Pentachlorophenol	16.866	266	33081	16.516	ng/ul	97
72) Phenanthrene	17.248	178	608211	42.867	ng/ul	98
74) Anthracene	17.342	178	594704	41.752	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	158028	42.198	ng/ul	98
76) Pentachlorobenzene	14.786	250	397051	96.955	ng/ul	97
77) Carbazole	17.612	167	558888	45.265	ng/ul	99
78) Di-n-butylphthalate	18.164	149	765942	48.819	ng/ul	99
80) Fluoranthene	19.263	202	751554	42.723	ng/ul	99
82) Pyrene	19.627	202	744295	41.758	ng/ul	99
83) Butylbenzylphthalate	20.514	149	320833	45.712	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.349	252	266557	45.930	ng/ul	97
85) Benzo(a)anthracene	21.431	228	776558	44.439	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	454272	45.505	ng/ul	98
87) Chrysene	21.490	228	735996	44.404	ng/ul	98
89) Di-n-octyl phthalate	22.483	149	814801	47.786	ng/ul	100
90) Benzo(b)fluoranthene	23.540	252	815575	43.986	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	809487	43.773	ng/ul	100
93) Benzo(a)pyrene	24.375	252	702305	42.585	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.000	276	734477	33.802	ng/ul	98
95) Dibenzo(a,h)anthracene	28.058	278	662261	37.168	ng/ul	98
96) Benzo(g,h,i)perylene	29.098	276	573199	32.378	ng/ul	98

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



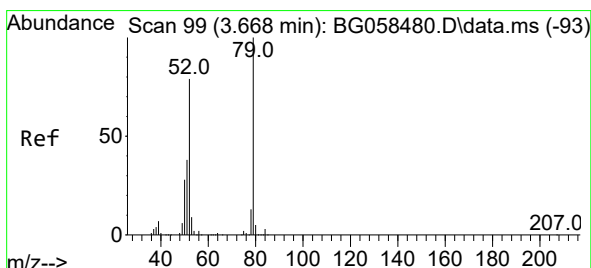
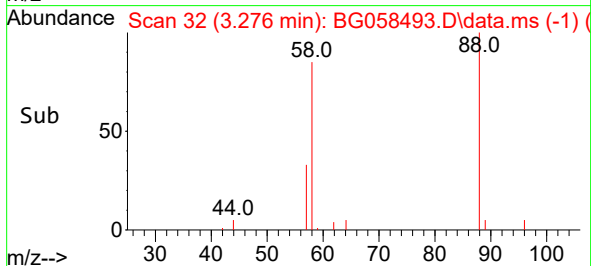
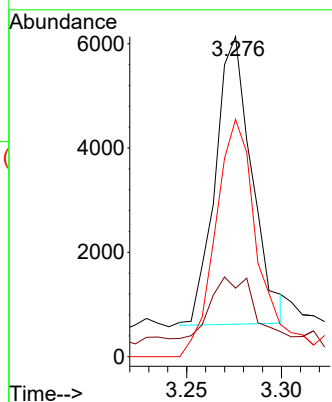
#2
1,4-Dioxane
Concen: 5.439 ng/uL
RT: 3.276 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG058493.D
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Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 88 Resp: 7362

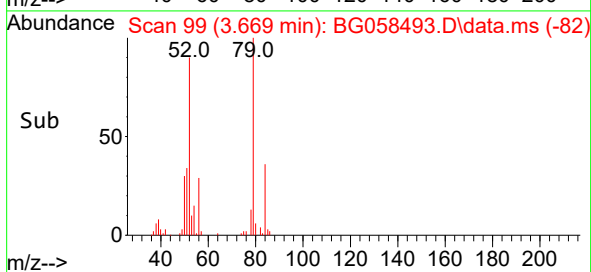
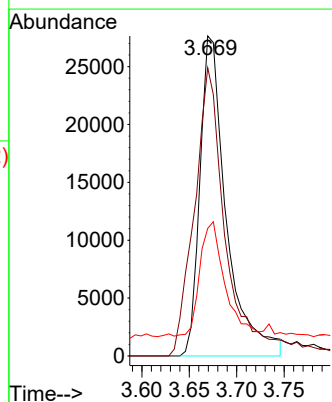
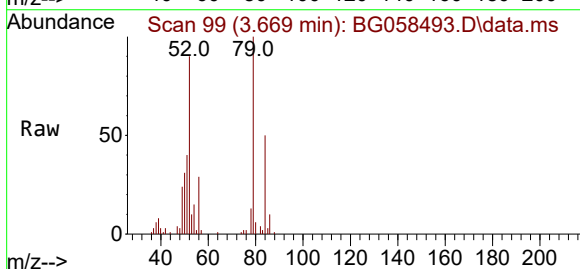
Ion	Ratio	Lower	Upper
88	100		
43	21.4	19.6	29.4
58	74.2	70.2	105.4

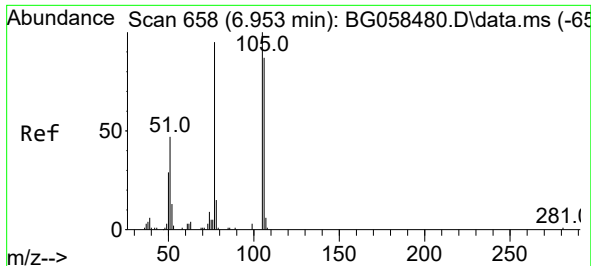


#5
Pyridine
Concen: 14.346 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion: 79 Resp: 53657

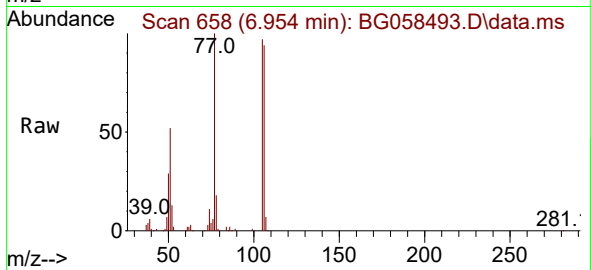
Ion	Ratio	Lower	Upper
79	100		
52	90.0	72.3	108.5
51	39.9	33.4	50.0



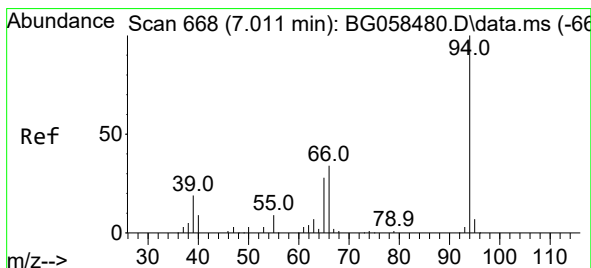
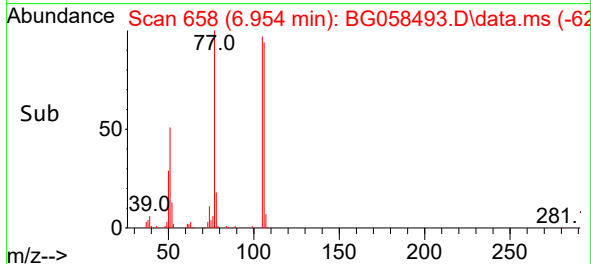
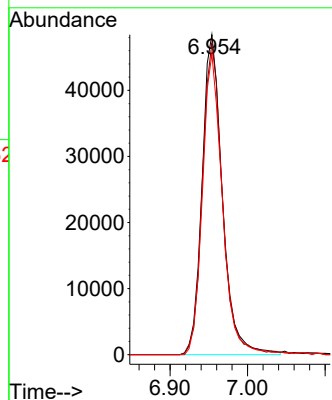


#6
Benzaldehyde
Concen: 52.114 ng/ul
RT: 6.954 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

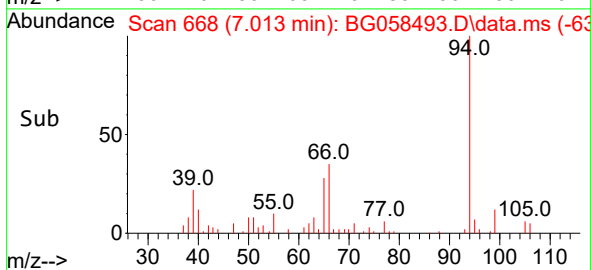
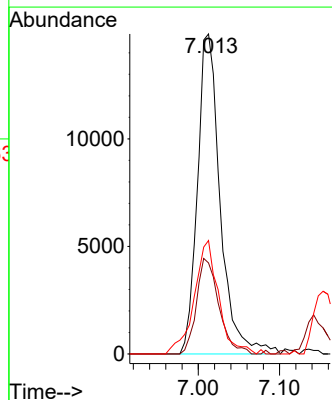
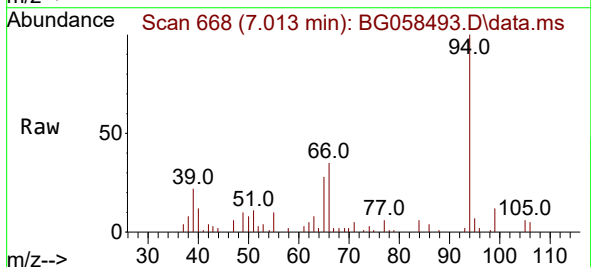


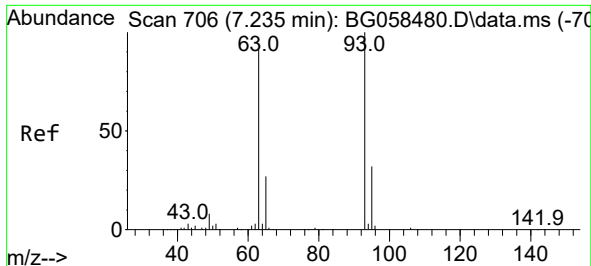
Tgt Ion: 77 Resp: 87684
Ion Ratio Lower Upper
77 100
105 97.4 78.2 117.4
106 94.0 71.6 107.4



#8
Phenol
Concen: 6.706 ng/ul
RT: 7.013 min Scan# 668
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

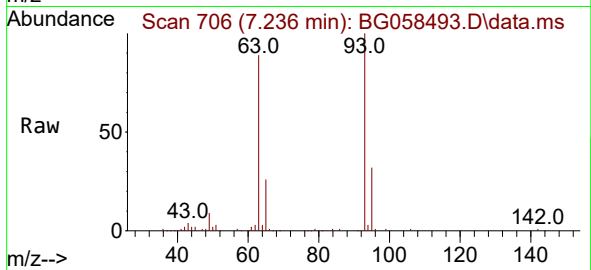
Tgt Ion: 94 Resp: 29012
Ion Ratio Lower Upper
94 100
65 28.4 23.8 35.8
66 35.5 31.2 46.8





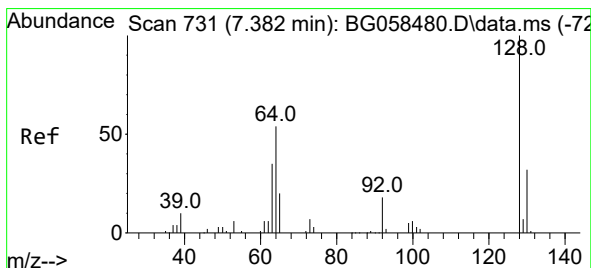
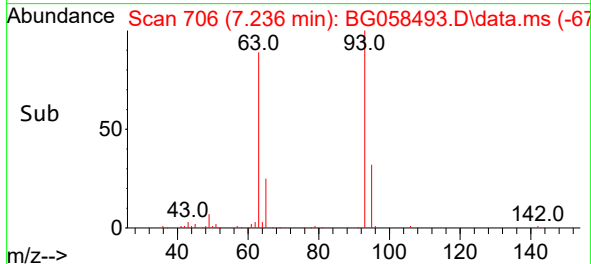
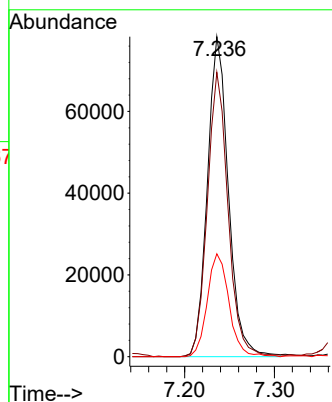
#10
 Bis(2-Chloroethyl)ether
 Concen: 38.483 ng/ul
 RT: 7.236 min Scan# 706
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 127553

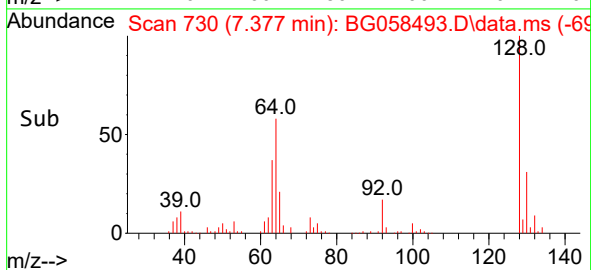
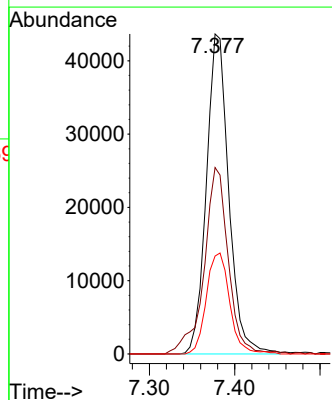
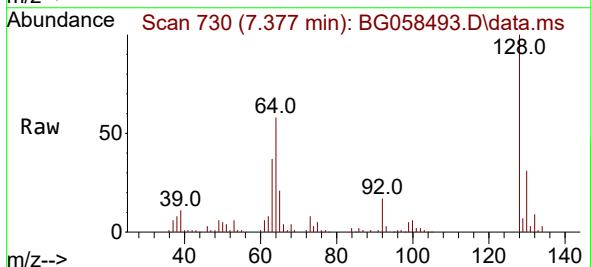
Ion	Ratio	Lower	Upper
93	100		
63	88.9	67.7	101.5
95	32.1	27.0	40.6

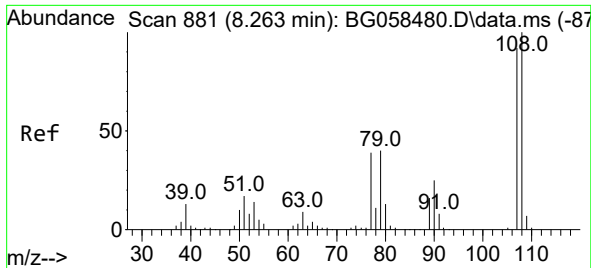


#12
 2-Chlorophenol
 Concen: 26.096 ng/ul
 RT: 7.377 min Scan# 730
 Delta R.T. -0.006 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

Tgt Ion:128 Resp: 79661

Ion	Ratio	Lower	Upper
128	100		
64	58.3	45.6	68.4
130	30.6	25.2	37.8

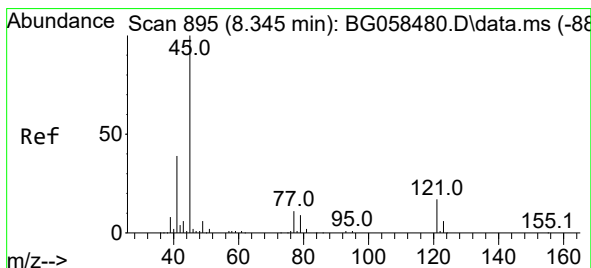
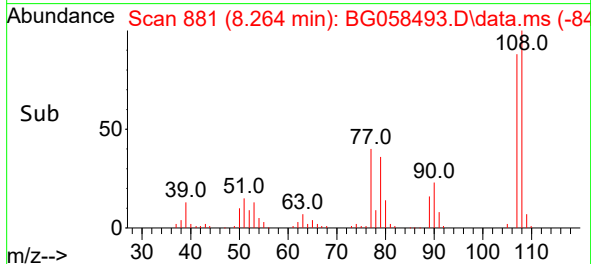
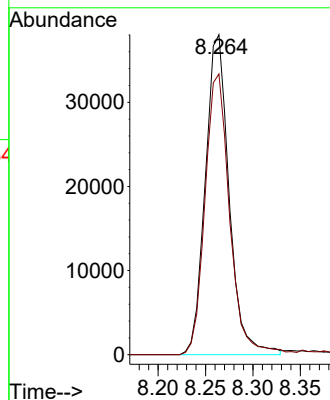
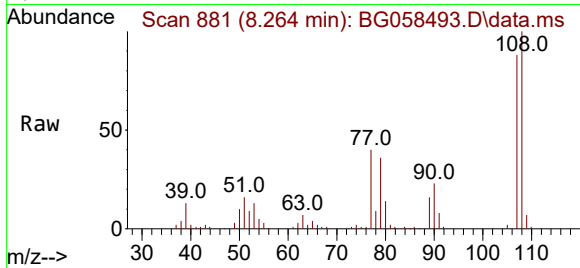




#13
2-Methylphenol
Concen: 19.722 ng/ul
RT: 8.264 min Scan# 881
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

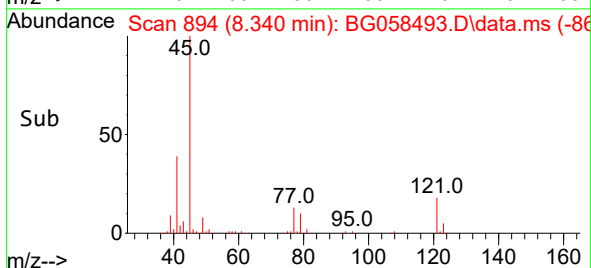
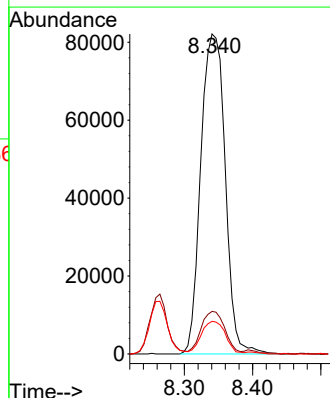
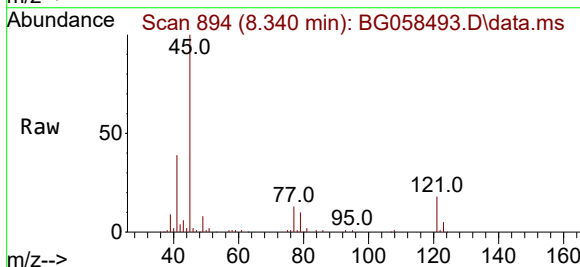
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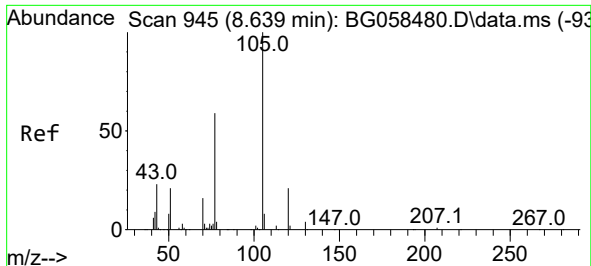
Tgt Ion:108 Resp: 66503
Ion Ratio Lower Upper
108 100
107 87.7 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.626 ng/ul
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion: 45 Resp: 204370
Ion Ratio Lower Upper
45 100
77 13.3 9.4 14.2
79 10.2 7.4 11.2

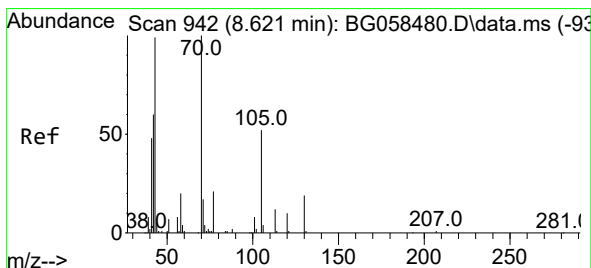
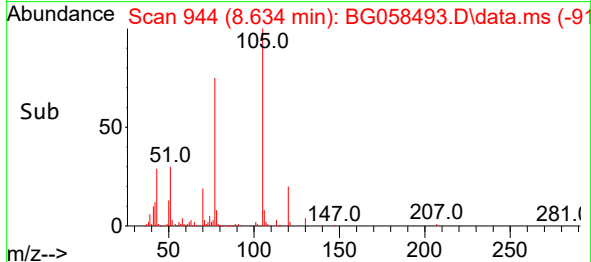
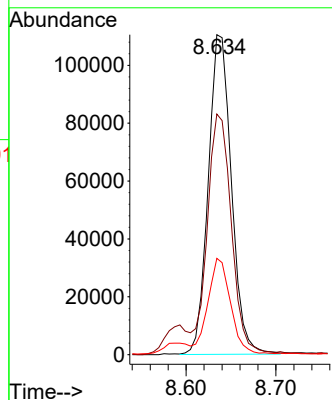
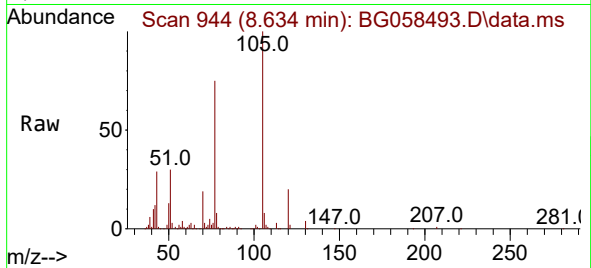




#16
Acetophenone
Concen: 36.554 ng/ul
RT: 8.634 min Scan# 945
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

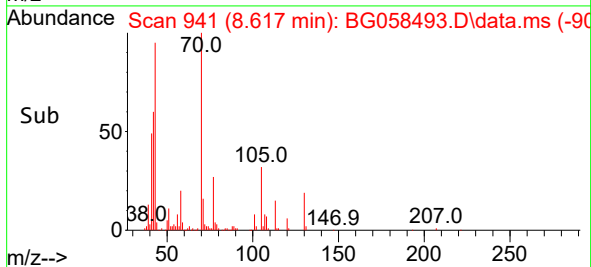
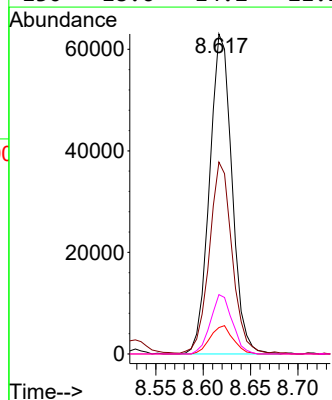
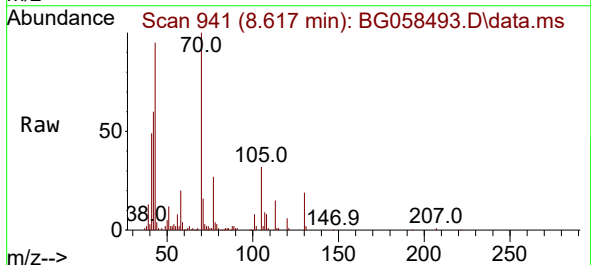
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ClientSampleId :

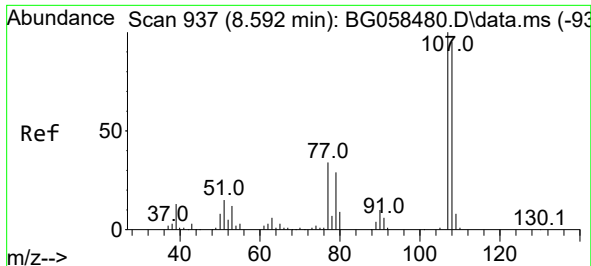
Tgt Ion:105 Resp: 197826
Ion Ratio Lower Upper
105 100
77 75.2 60.7 91.1
51 30.1 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 35.010 ng/ul
RT: 8.617 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion: 70 Resp: 103699
Ion Ratio Lower Upper
70 100
42 59.9 46.6 69.8
101 8.2 7.3 10.9
130 18.6 14.2 21.2

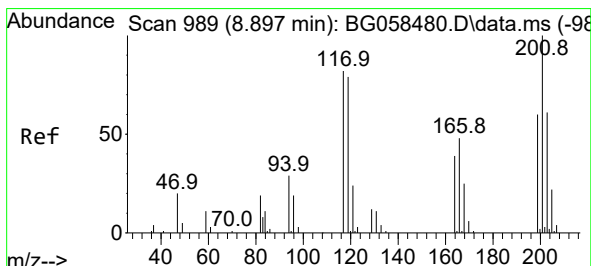
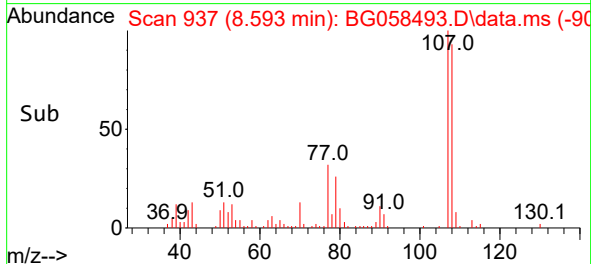
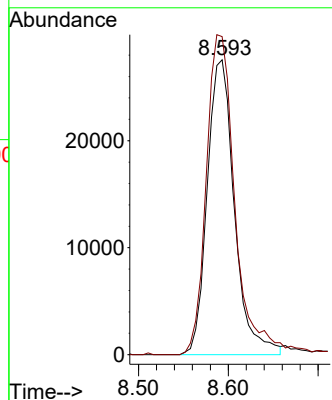
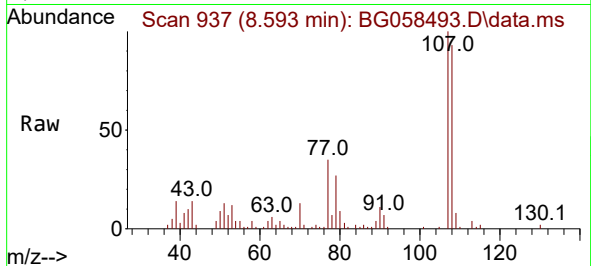




#18
4-Methylphenol
Concen: 15.830 ng/ul
RT: 8.593 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

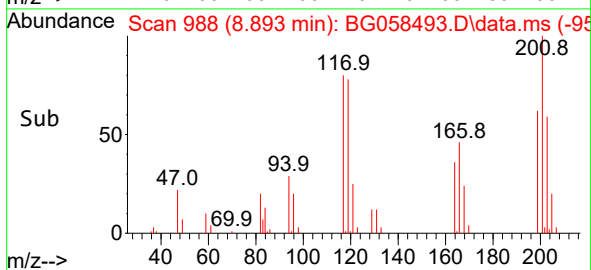
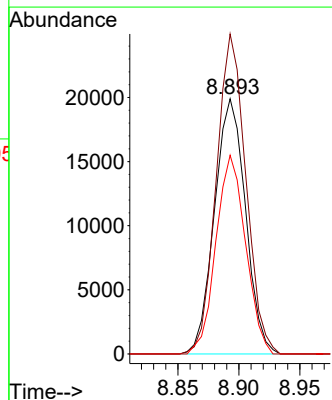
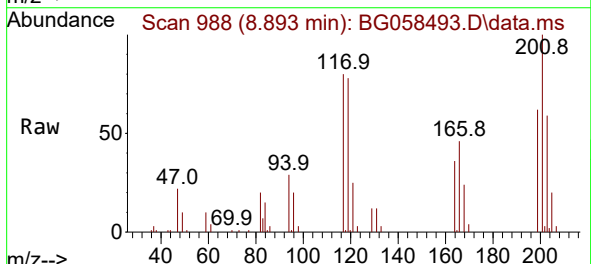
Instrument :
BNA_P
ClientSampleId :

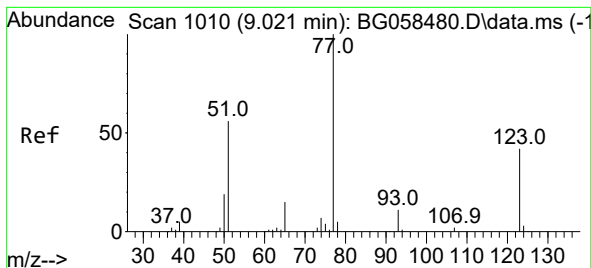
Tgt Ion:108 Resp: 58013
Ion Ratio Lower Upper
108 100
107 107.9 90.6 136.0



#19
Hexachloroethane
Concen: 29.302 ng/ul
RT: 8.893 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:117 Resp: 35258
Ion Ratio Lower Upper
117 100
201 125.4 103.6 155.4
199 77.9 60.1 90.1





#22

Nitrobenzene

Concen: 39.815 ng/ul

RT: 9.022 min Scan# 1010

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :

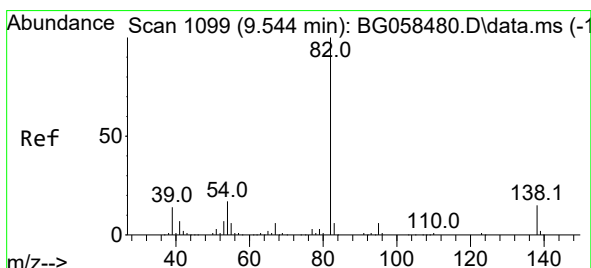
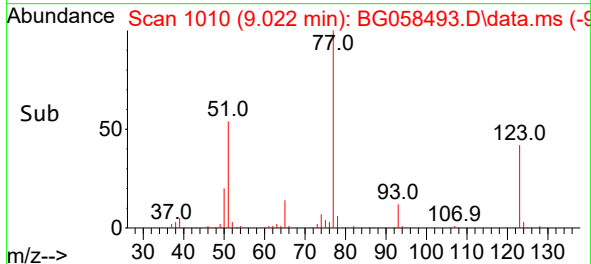
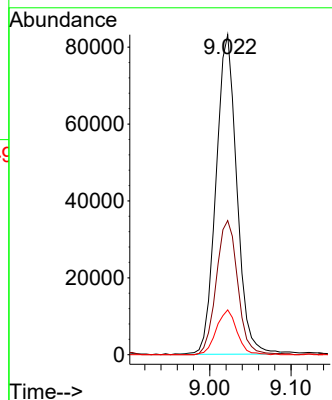
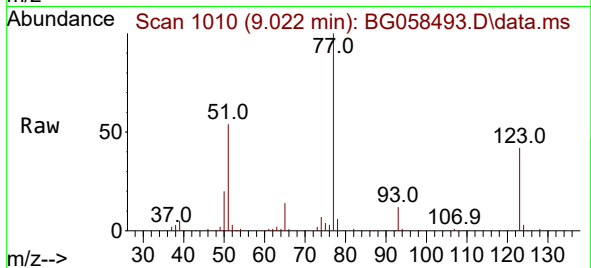
Tgt Ion: 77 Resp: 147906

Ion Ratio Lower Upper

77 100

123 41.9 34.0 51.0

65 14.0 11.0 16.6



#23

Isophorone

Concen: 36.201 ng/ul

RT: 9.539 min Scan# 1098

Delta R.T. -0.000 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

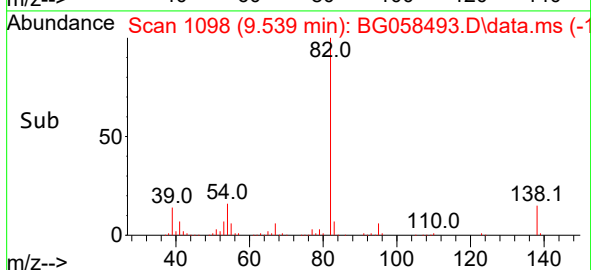
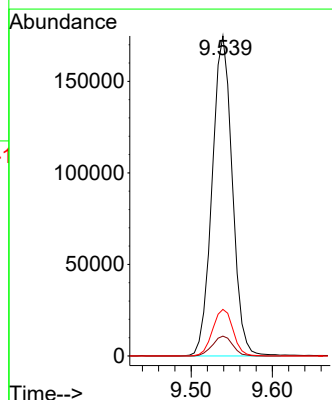
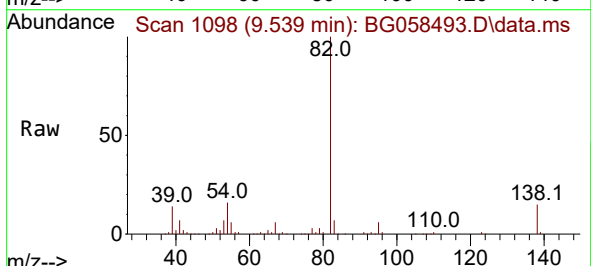
Tgt Ion: 82 Resp: 301500

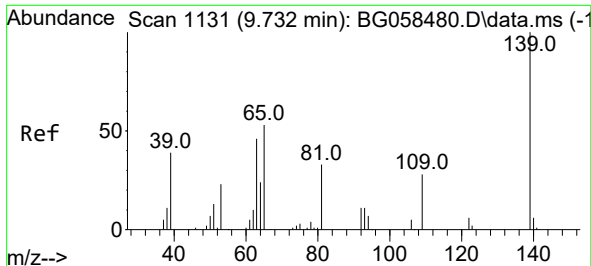
Ion Ratio Lower Upper

82 100

95 6.2 5.1 7.7

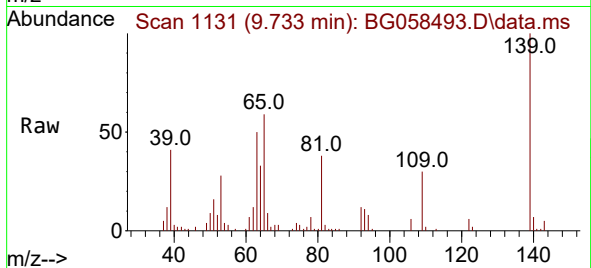
138 14.6 11.9 17.9



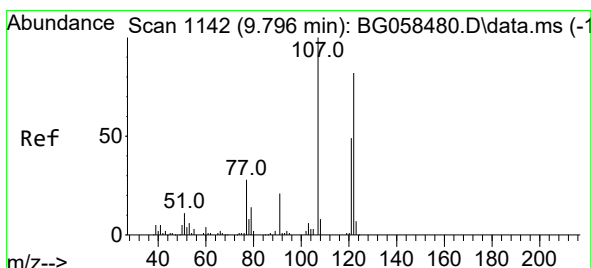
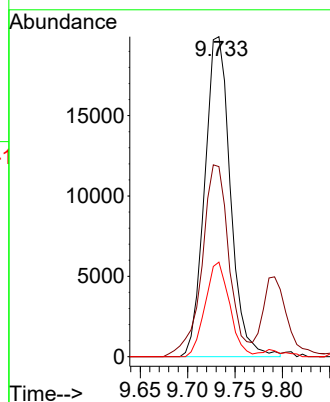
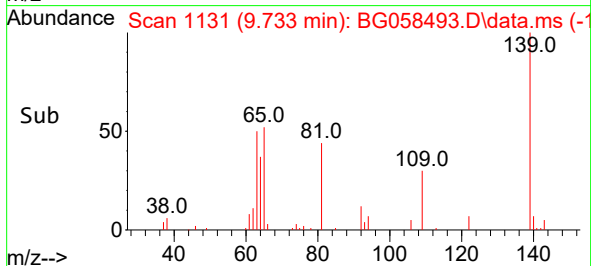


#25
2-Nitrophenol
Concen: 23.204 ng/ul
RT: 9.733 min Scan# 1131
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

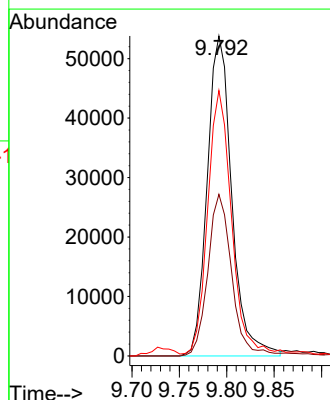
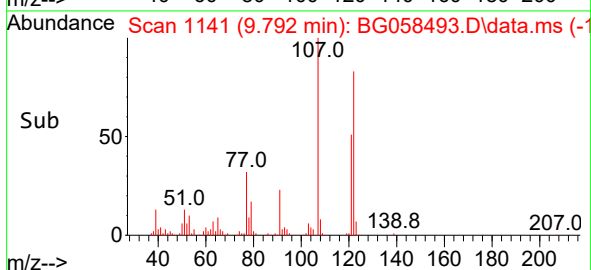
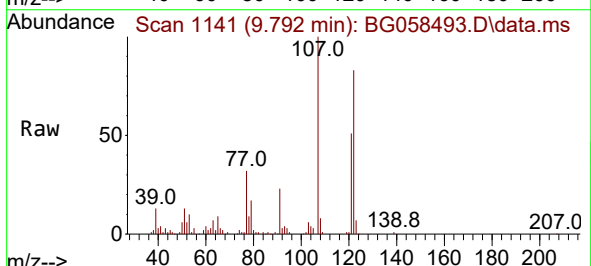


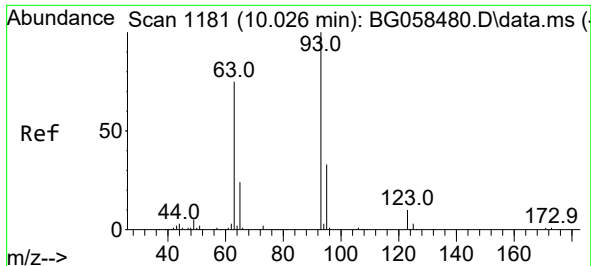
Tgt Ion:139 Resp: 37692
Ion Ratio Lower Upper
139 100
65 59.4 49.2 73.8
109 29.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 26.734 ng/ul
RT: 9.792 min Scan# 1141
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:107 Resp: 96830
Ion Ratio Lower Upper
107 100
121 50.5 39.1 58.7
122 82.9 68.9 103.3

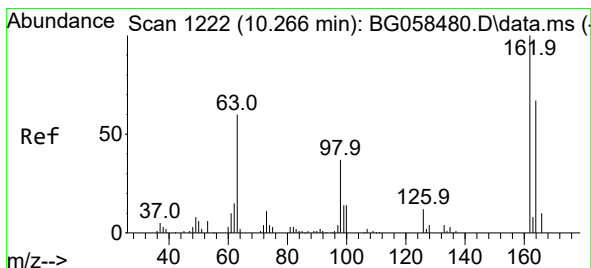
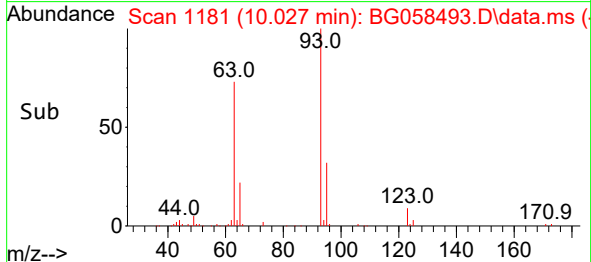
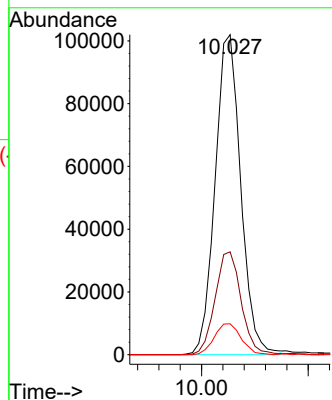
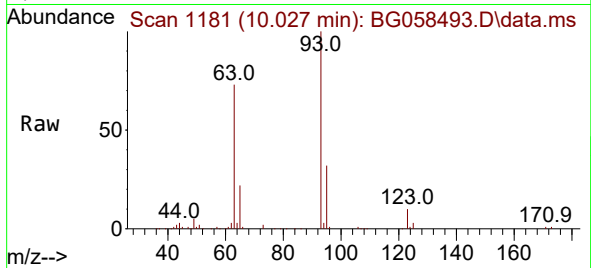




#27
 Bis(2-Chloroethoxy)methane
 Concen: 38.546 ng/ul
 RT: 10.027 min Scan# 1181
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

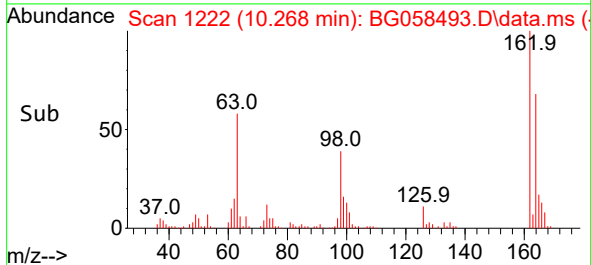
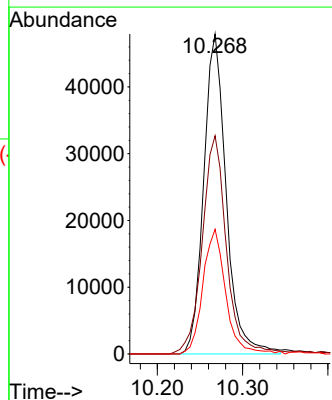
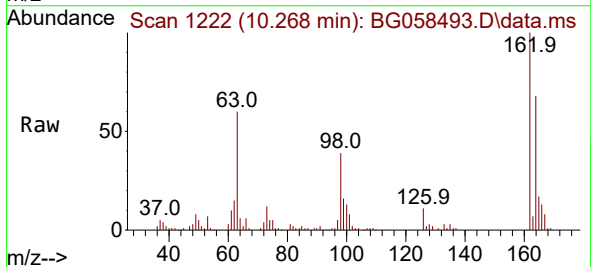
Instrument :
 BNA_P
 ClientSampleId :

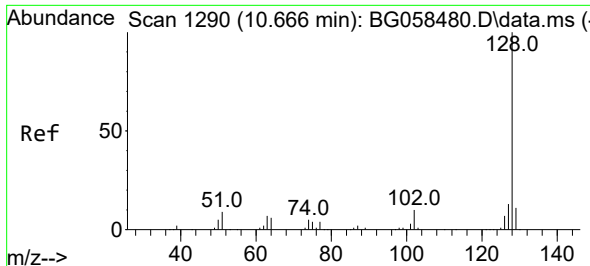
Tgt Ion: 93 Resp: 170020
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 9.7 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 31.777 ng/ul
 RT: 10.268 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

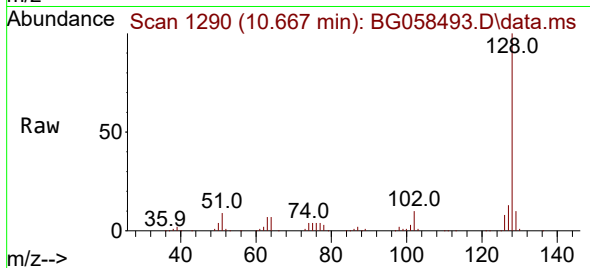
Tgt Ion:162 Resp: 87926
 Ion Ratio Lower Upper
 162 100
 164 68.2 58.4 87.6
 98 38.9 29.6 44.4



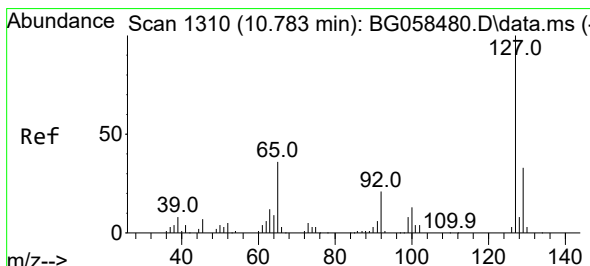
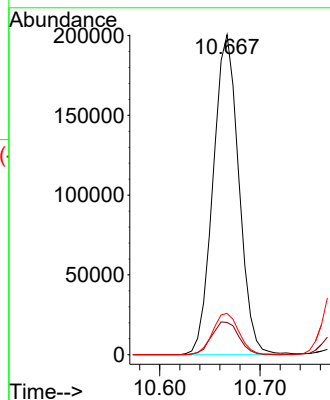
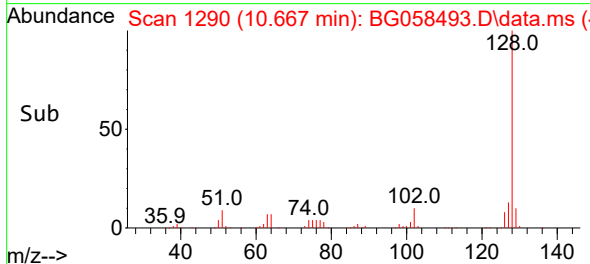


#30
Naphthalene
Concen: 35.945 ng/ul
RT: 10.667 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

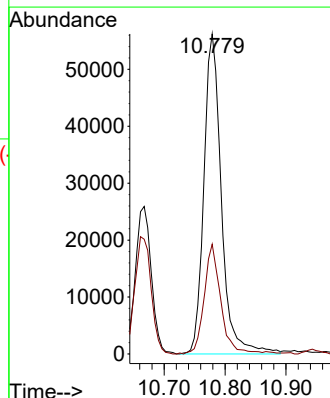
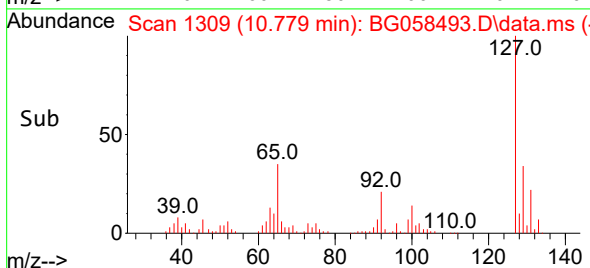
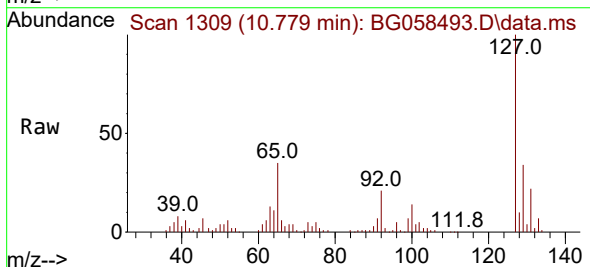


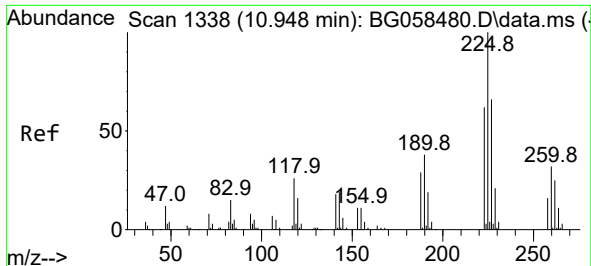
Tgt Ion:128 Resp: 357064
Ion Ratio Lower Upper
128 100
129 10.0 8.8 13.2
127 12.9 10.8 16.2



#32
4-Chloroaniline
Concen: 26.044 ng/ul
RT: 10.779 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

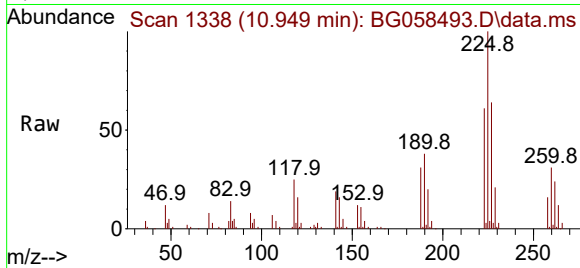
Tgt Ion:127 Resp: 112496
Ion Ratio Lower Upper
127 100
129 34.3 26.1 39.1



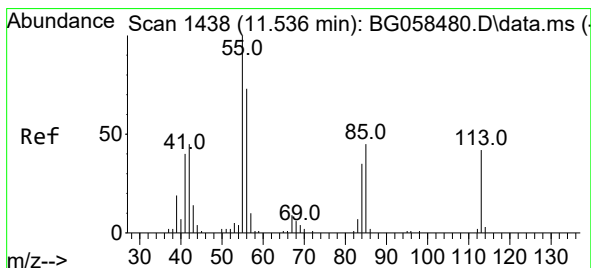
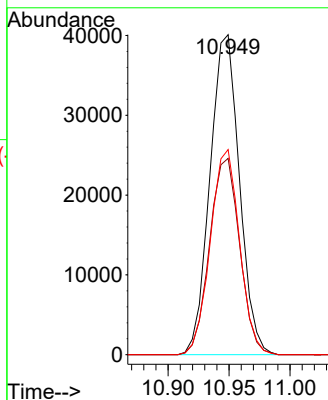
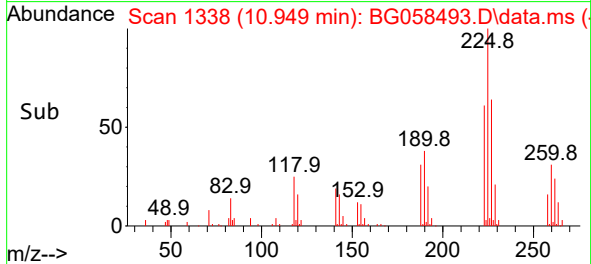


#33
Hexachlorobutadiene
Concen: 34.077 ng/ul
RT: 10.949 min Scan# 1338
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

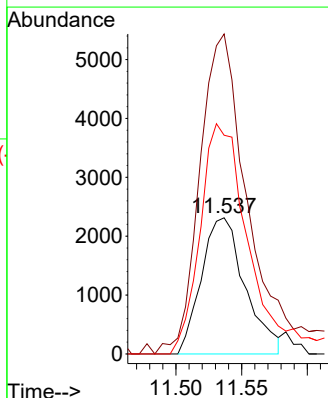
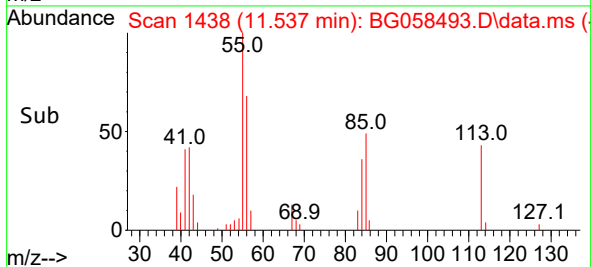
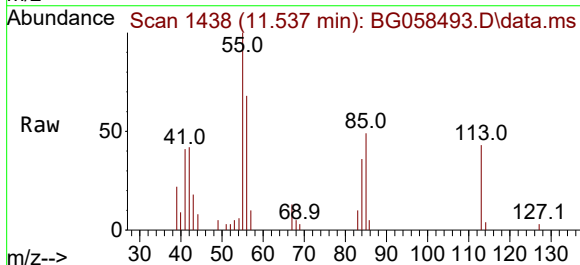


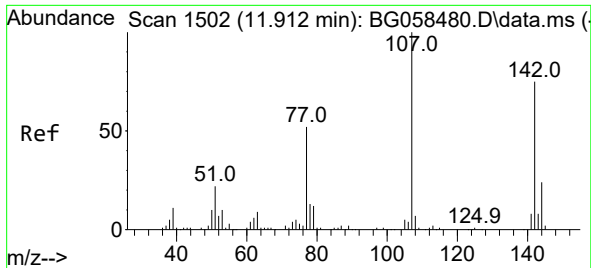
Tgt Ion:225 Resp: 67424
Ion Ratio Lower Upper
225 100
223 61.3 49.7 74.5
227 64.1 53.2 79.8



#34
Caprolactam
Concen: 4.663 ng/ul
RT: 11.537 min Scan# 1438
Delta R.T. -0.030 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

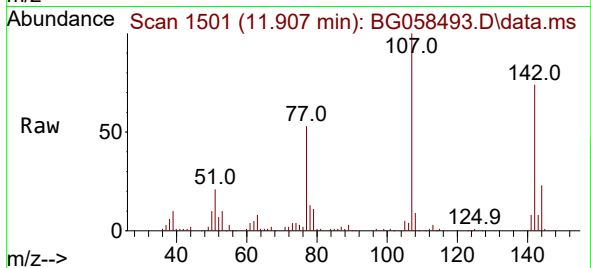
Tgt Ion:113 Resp: 5359
Ion Ratio Lower Upper
113 100
55 235.0 179.8 269.6
56 160.6 132.2 198.4



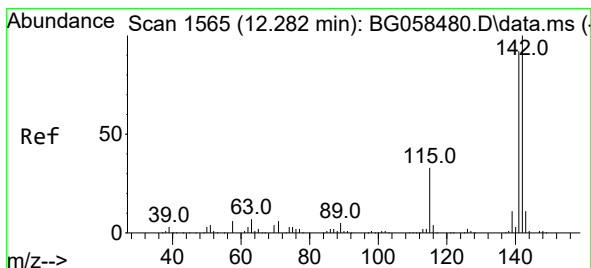
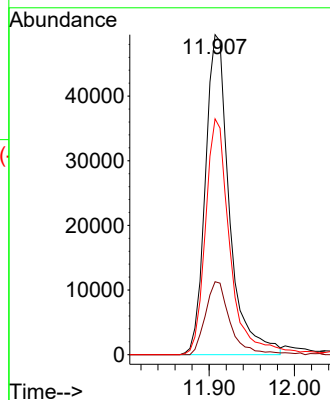
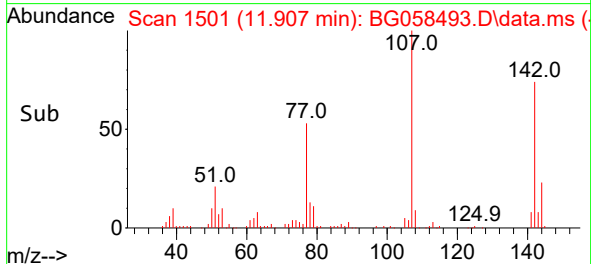


#35
 4-Chloro-3-methylphenol
 Concen: 27.607 ng/ul
 RT: 11.907 min Scan# 1501
 Delta R.T. -0.006 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

Instrument :
 BNA_P
 ClientSampleId :

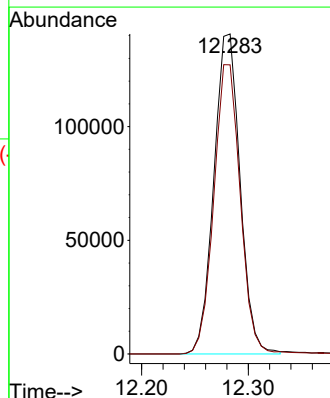
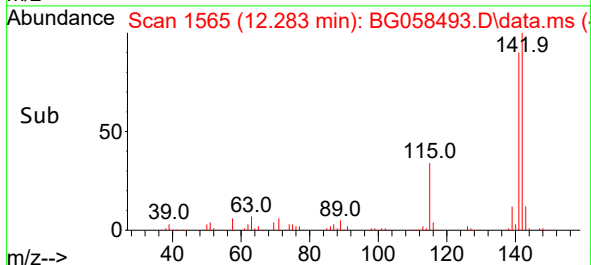
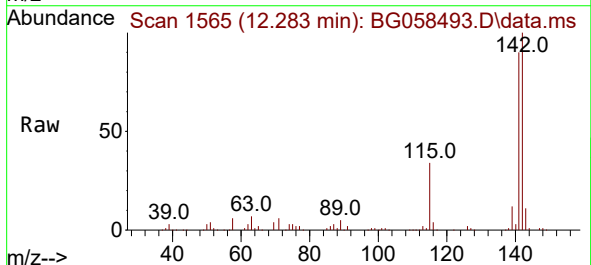


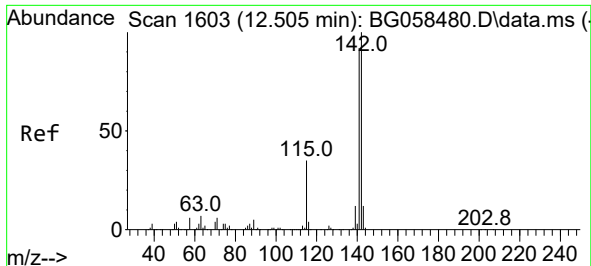
Tgt Ion:107 Resp: 97215
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.0 28.6
 142 73.7 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 36.110 ng/ul
 RT: 12.283 min Scan# 1565
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

Tgt Ion:142 Resp: 240318
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.6 108.8





#37

1-Methylnaphthalene

Concen: 35.872 ng/ul

RT: 12.500 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :

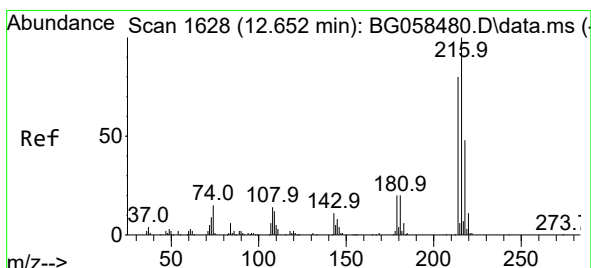
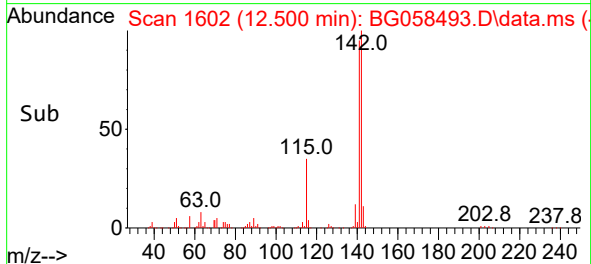
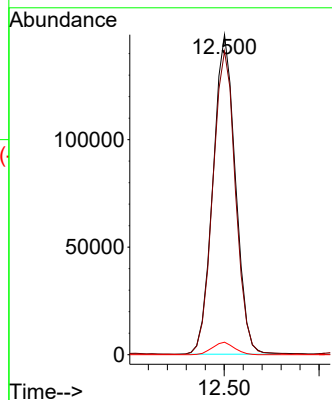
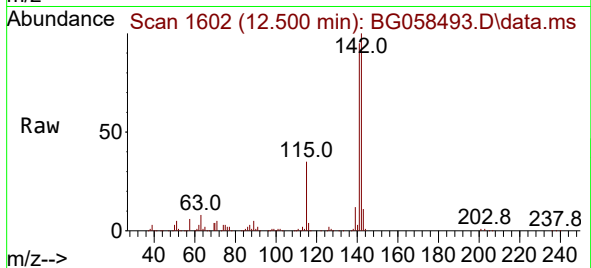
Tgt Ion:142 Resp: 244683

Ion Ratio Lower Upper

142 100

141 94.8 75.8 113.6

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.602 ng/ul

RT: 12.653 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Tgt Ion:216 Resp: 149850

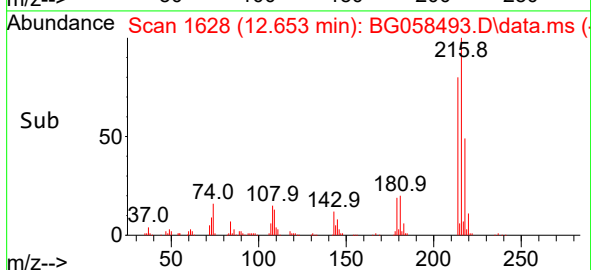
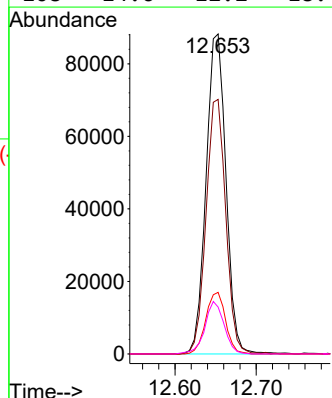
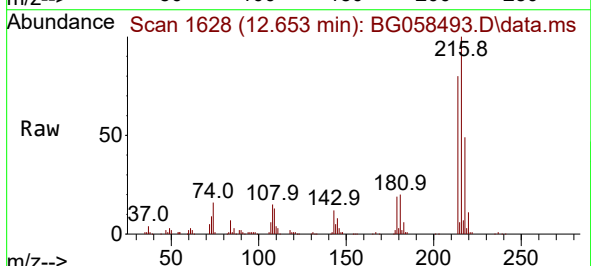
Ion Ratio Lower Upper

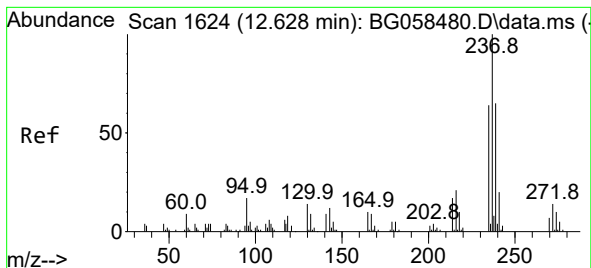
216 100

214 79.5 62.2 93.4

179 19.2 16.2 24.2

108 14.6 12.2 18.4





#40

Hexachlorocyclopentadiene

Concen: 16.223 ng/ul

RT: 12.624 min Scan# 1

Delta R.T. -0.006 min

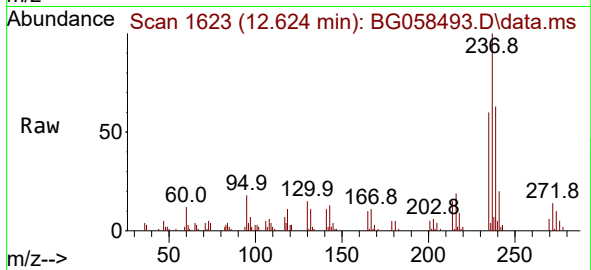
Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :



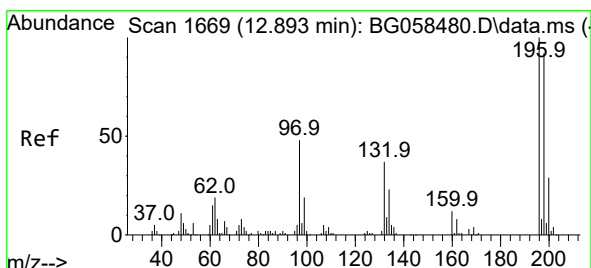
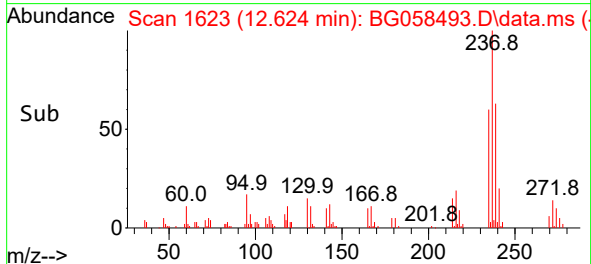
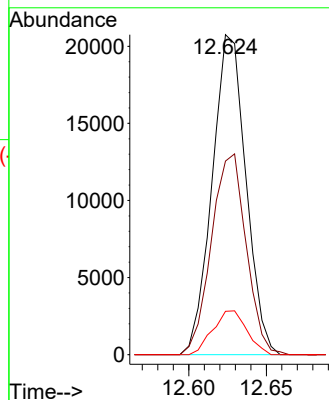
Tgt Ion:237 Resp: 31428

Ion Ratio Lower Upper

237 100

235 60.5 50.9 76.3

272 14.4 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 35.531 ng/ul

RT: 12.894 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

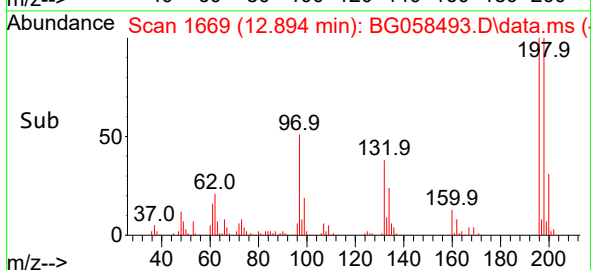
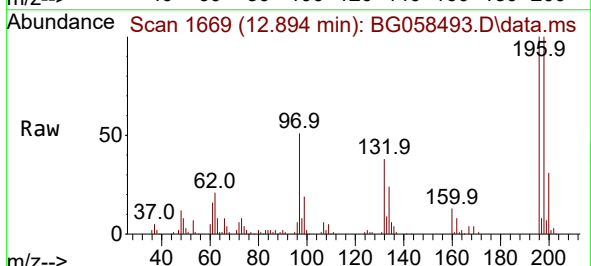
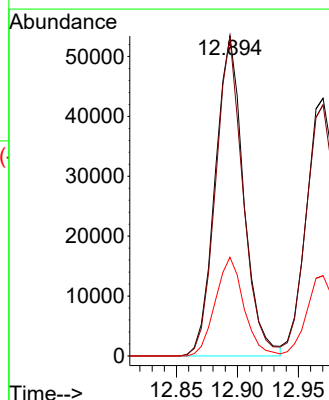
Tgt Ion:196 Resp: 86637

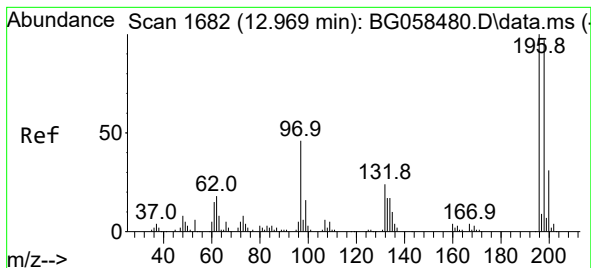
Ion Ratio Lower Upper

196 100

198 99.8 77.7 116.5

200 30.8 25.0 37.6

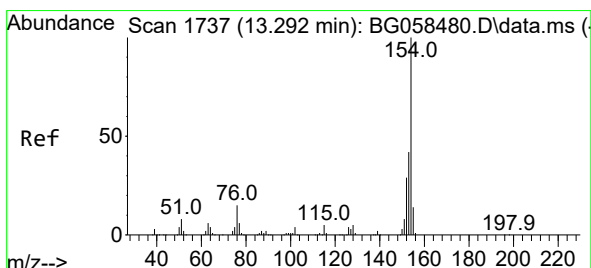
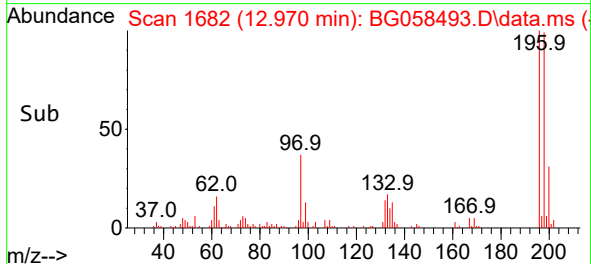
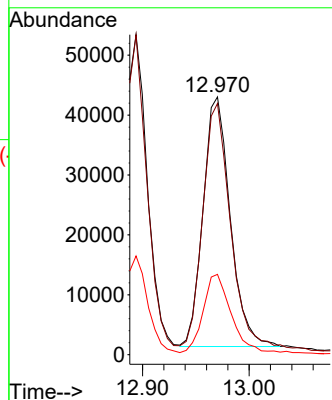
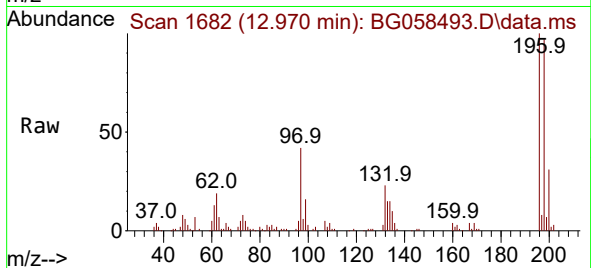




#42
2,4,5-Trichlorophenol
Concen: 28.539 ng/ul
RT: 12.970 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

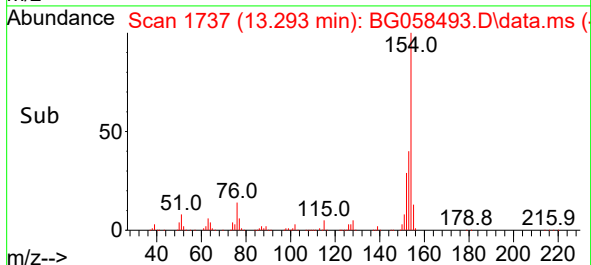
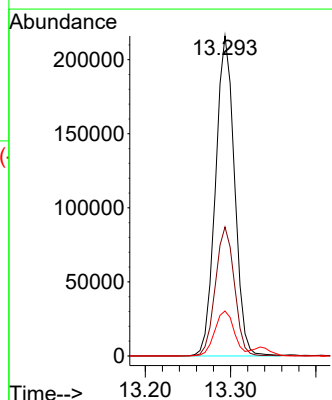
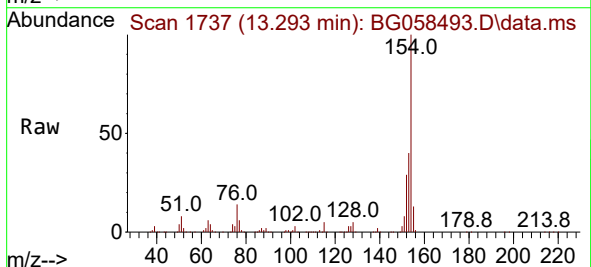
Instrument :
BNA_P
ClientSampleId :

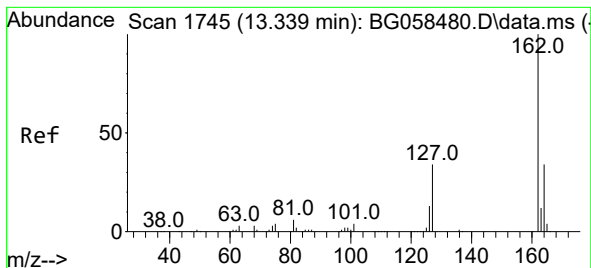
Tgt Ion:196 Resp: 74203
Ion Ratio Lower Upper
196 100
198 97.4 74.8 112.2
200 31.1 24.4 36.6



#43
1,1'-Biphenyl
Concen: 39.724 ng/ul
RT: 13.293 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

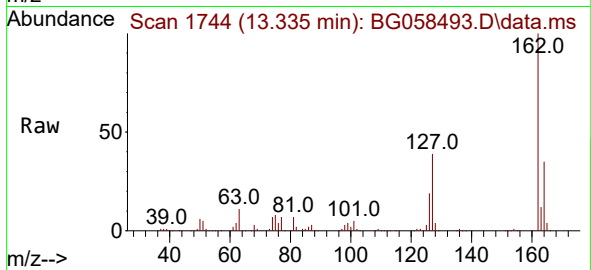
Tgt Ion:154 Resp: 334226
Ion Ratio Lower Upper
154 100
153 40.3 31.8 47.6
76 14.1 11.7 17.5



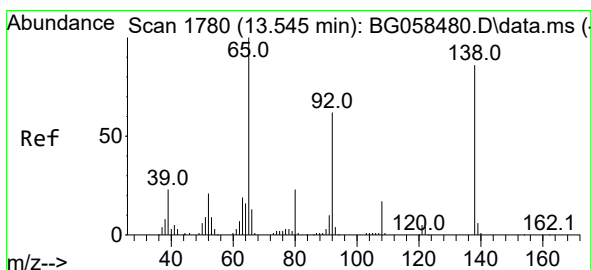
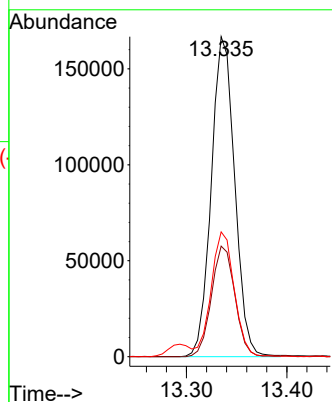
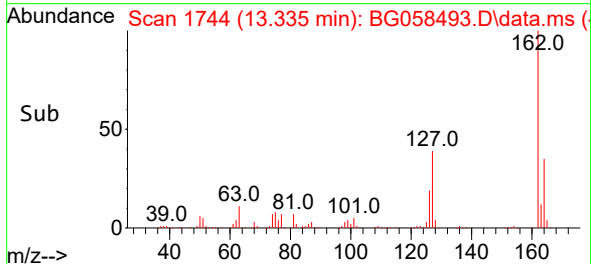


#44
2-Chloronaphthalene
Concen: 40.448 ng/ul
RT: 13.335 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

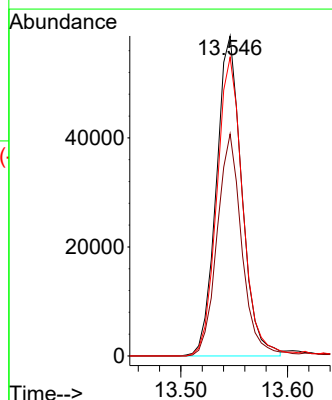
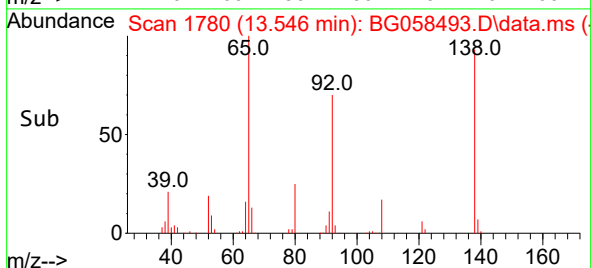
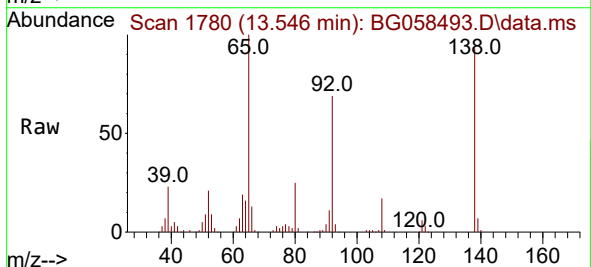


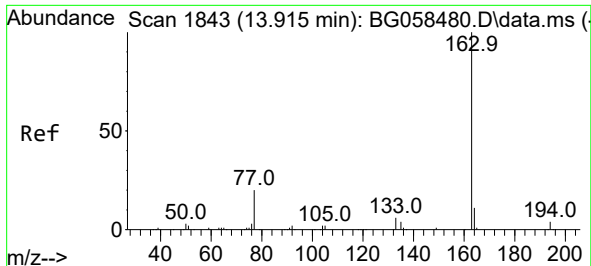
Tgt Ion:162 Resp: 270585
Ion Ratio Lower Upper
162 100
164 34.5 26.2 39.2
127 39.0 29.8 44.6



#45
2-Nitroaniline
Concen: 41.931 ng/ul
RT: 13.546 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

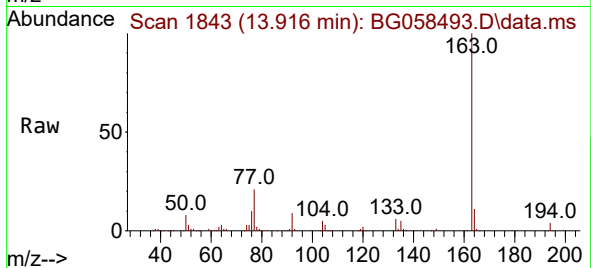
Tgt Ion: 65 Resp: 97435
Ion Ratio Lower Upper
65 100
92 69.4 51.4 77.2
138 93.4 71.6 107.4



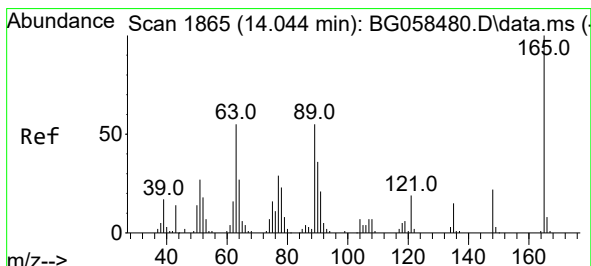
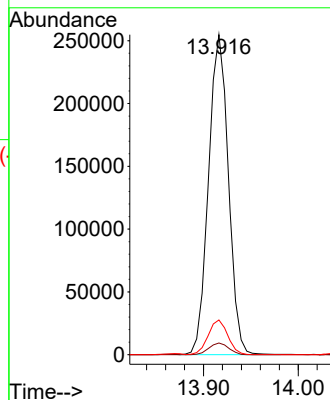
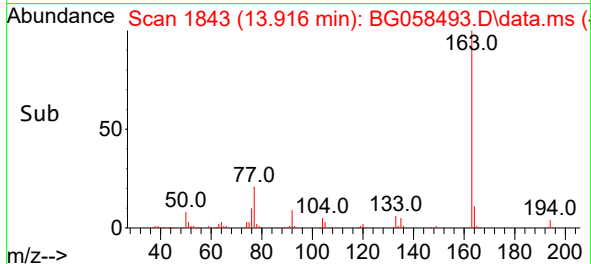


#47
Dimethylphthalate
Concen: 38.437 ng/ul
RT: 13.916 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

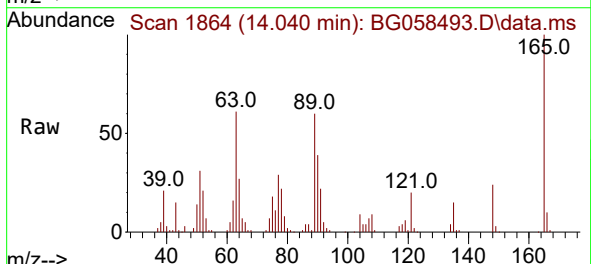
Instrument :
BNA_P
ClientSampleId :



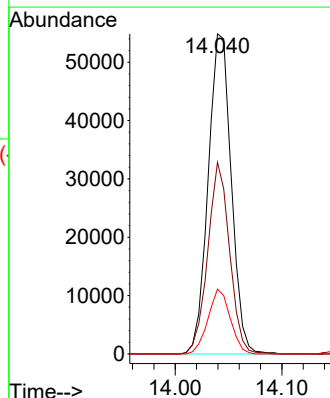
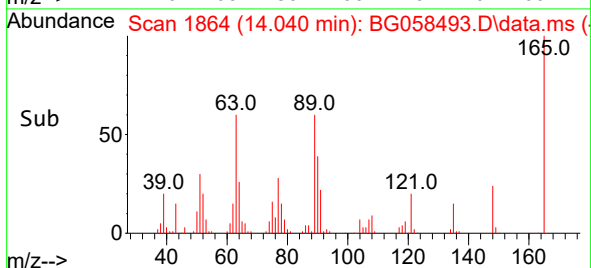
Tgt Ion:163 Resp: 370445
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.8 8.2 12.2

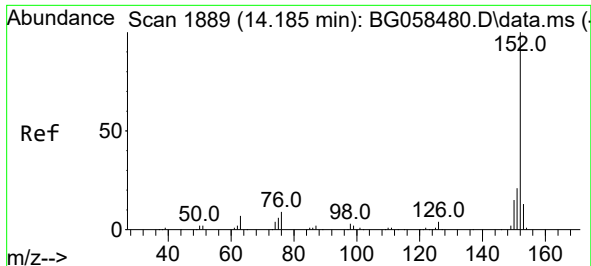


#48
2,6-Dinitrotoluene
Concen: 44.319 ng/ul
RT: 14.040 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46



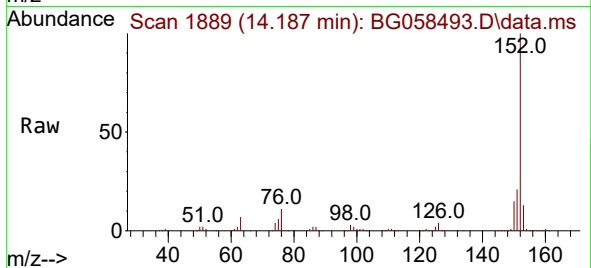
Tgt Ion:165 Resp: 82539
Ion Ratio Lower Upper
165 100
89 59.9 48.9 73.3
121 20.3 16.2 24.4



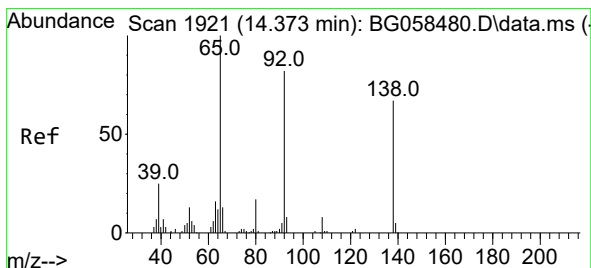
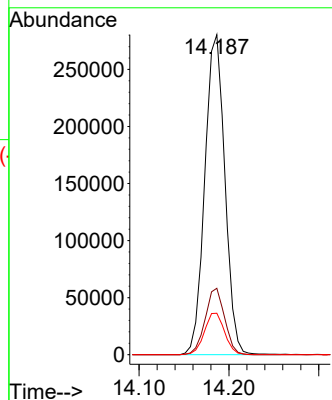
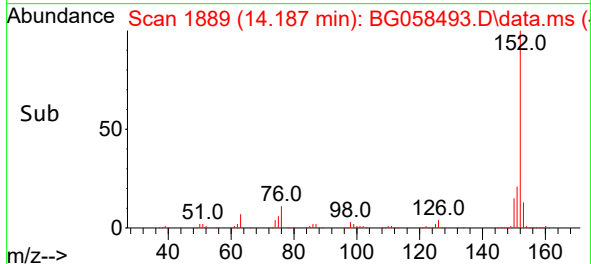


#50
Acenaphthylene
Concen: 40.080 ng/ul
RT: 14.187 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

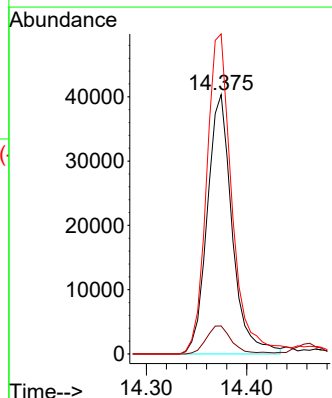
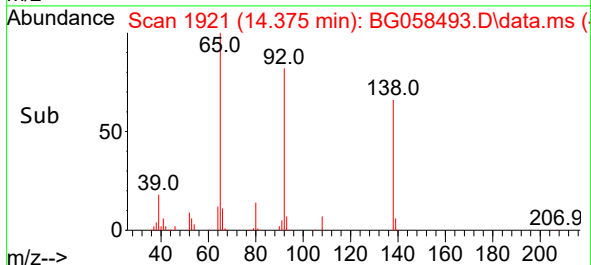
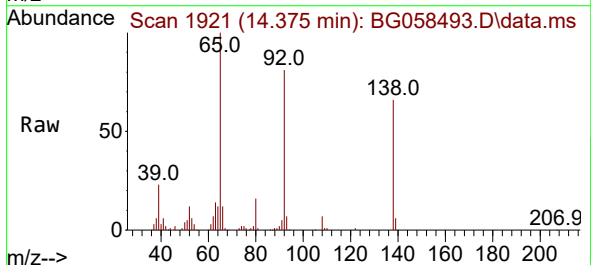


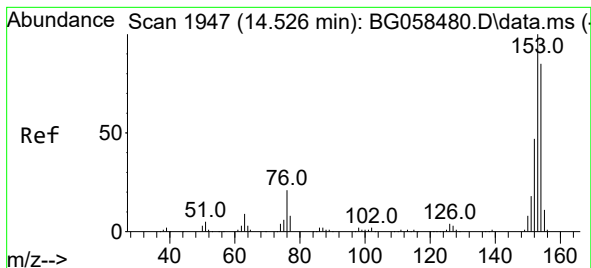
Tgt Ion:152 Resp: 435021
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 44.753 ng/ul
RT: 14.375 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:138 Resp: 69459
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 123.4 108.4 162.6





#52

Acenaphthene

Concen: 39.960 ng/ul

RT: 14.527 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :

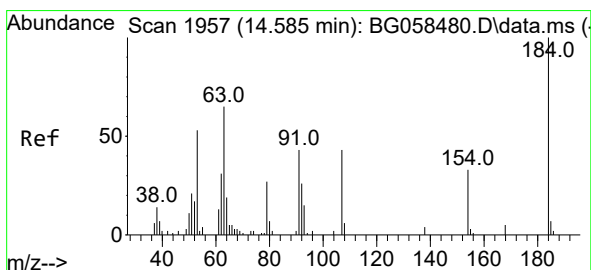
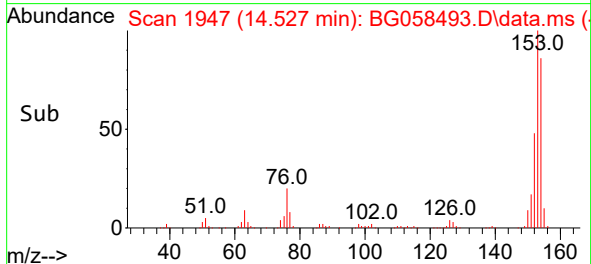
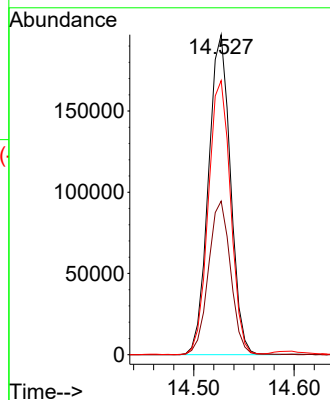
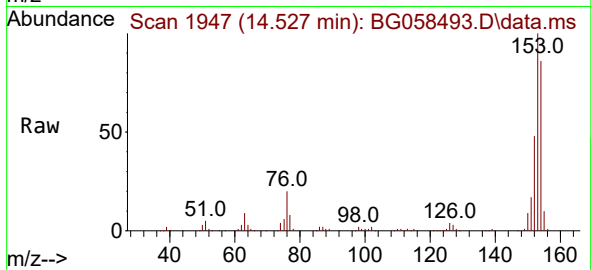
Tgt Ion:153 Resp: 301128

Ion Ratio Lower Upper

153 100

152 48.0 39.1 58.7

154 85.6 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 8.057 ng/ul

RT: 14.592 min Scan# 1958

Delta R.T. 0.005 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

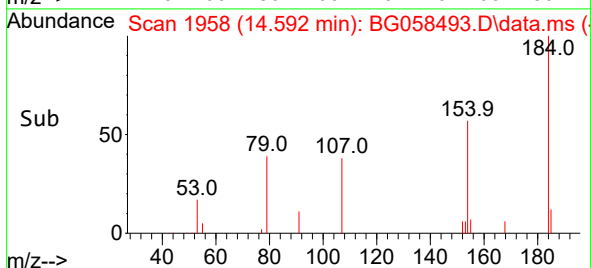
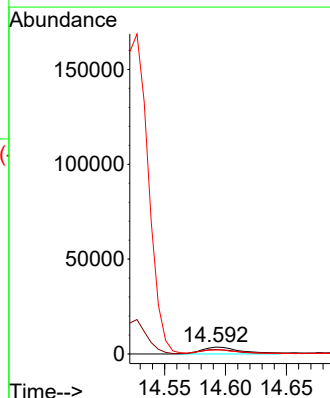
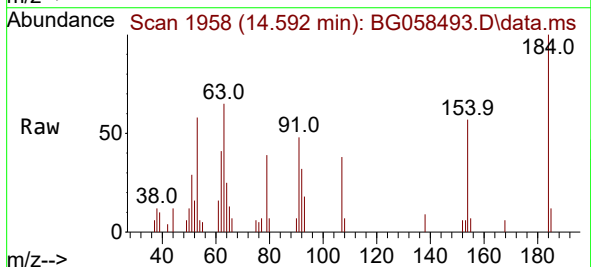
Tgt Ion:184 Resp: 7986

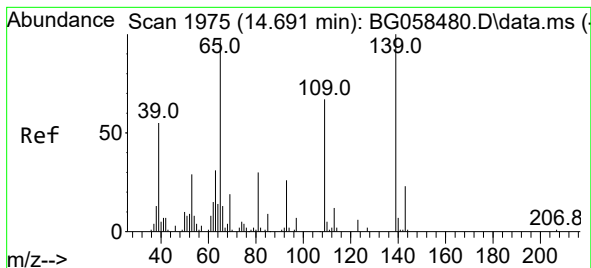
Ion Ratio Lower Upper

184 100

63 64.9 52.9 79.3

154 57.5 47.8 71.8

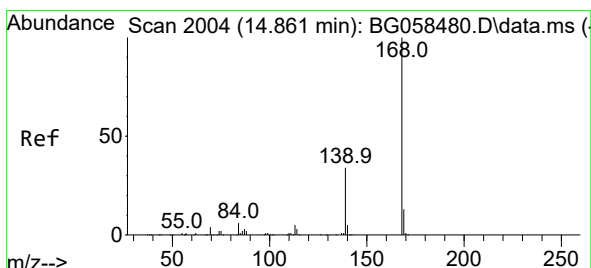
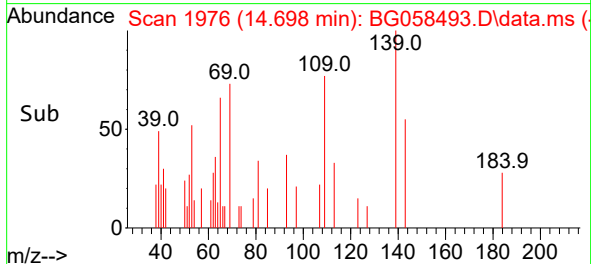
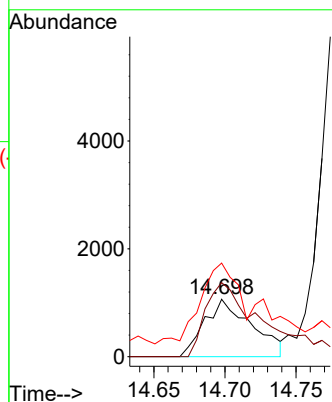
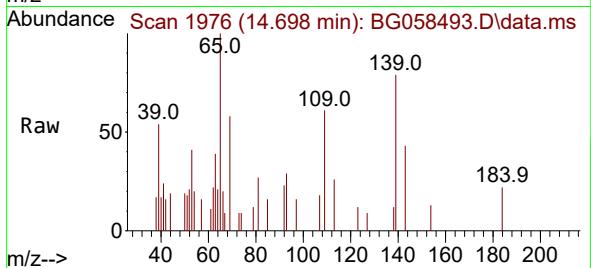




#55
4-Nitrophenol
Concen: 2.207 ng/ul
RT: 14.698 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

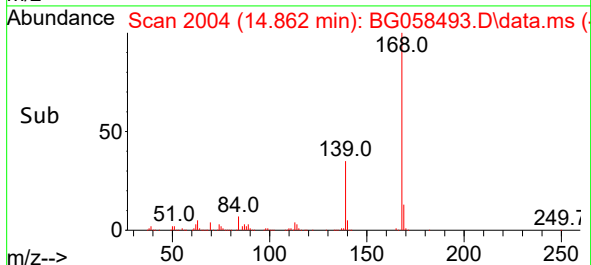
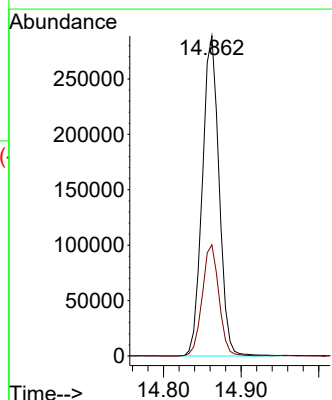
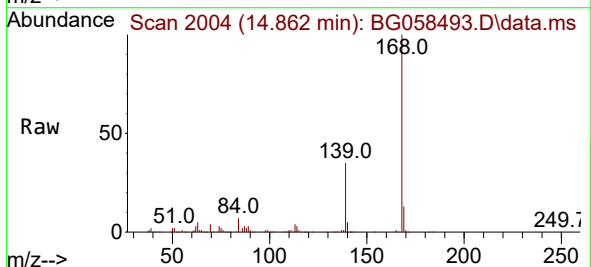
Instrument :
BNA_P
ClientSampleId :

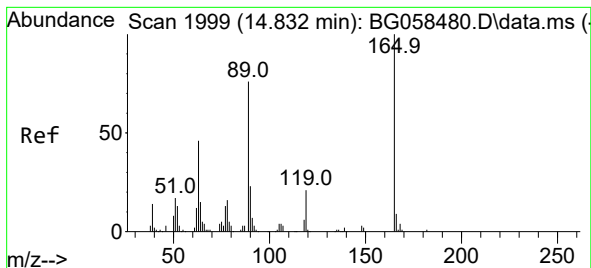
Tgt Ion:109 Resp: 2463
Ion Ratio Lower Upper
109 100
139 129.2 100.3 150.5
65 163.1 120.6 180.8



#56
Dibenzofuran
Concen: 40.351 ng/ul
RT: 14.862 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

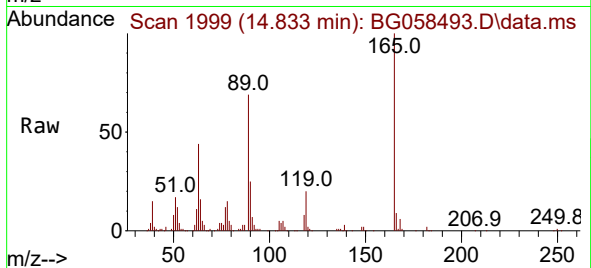
Tgt Ion:168 Resp: 432971
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.8



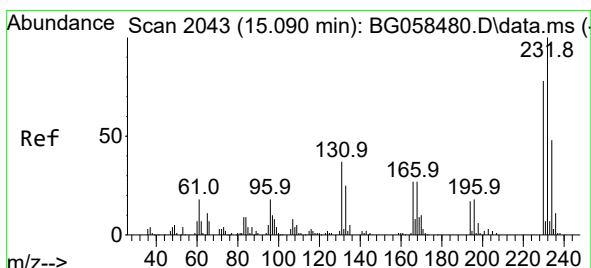
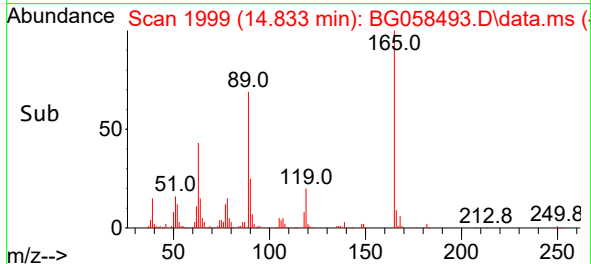
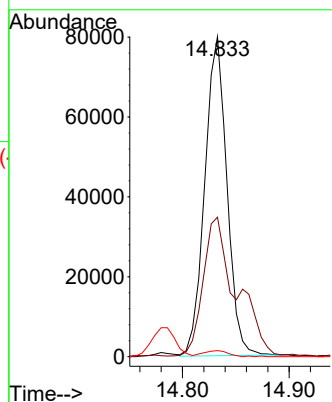


#57
2,4-Dinitrotoluene
Concen: 42.924 ng/ul
RT: 14.833 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Instrument :
BNA_P
ClientSampleId :

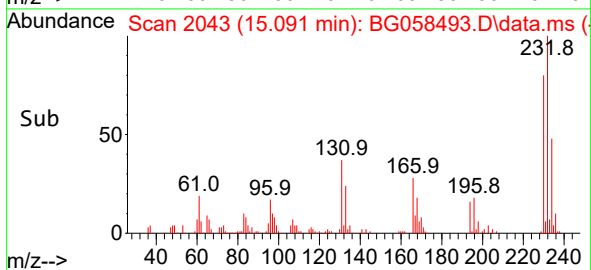
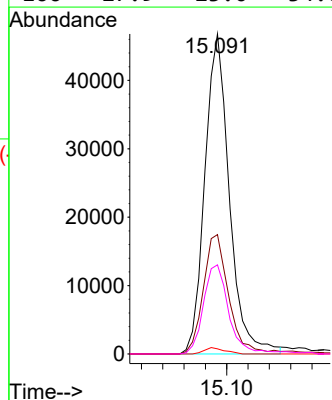
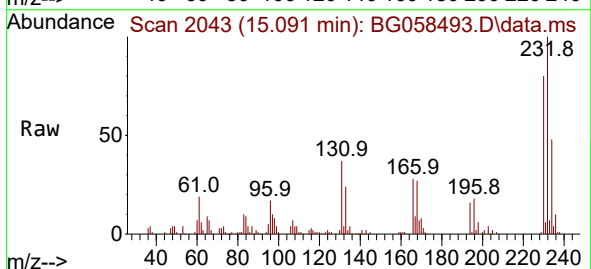


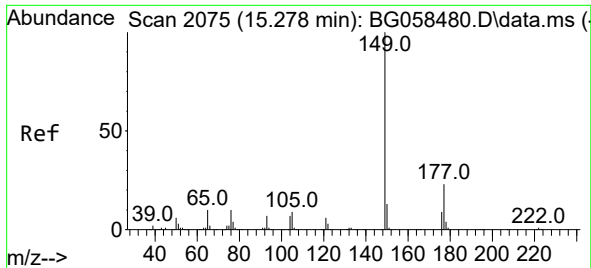
Tgt Ion:165 Resp: 115300
Ion Ratio Lower Upper
165 100
63 43.6 33.8 50.6
182 1.9 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.131 ng/ul
RT: 15.091 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

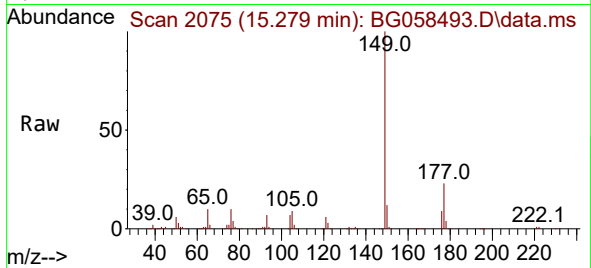
Tgt Ion:232 Resp: 74784
Ion Ratio Lower Upper
232 100
131 37.3 29.0 43.6
130 1.6 1.1 1.7
166 27.9 23.0 34.6



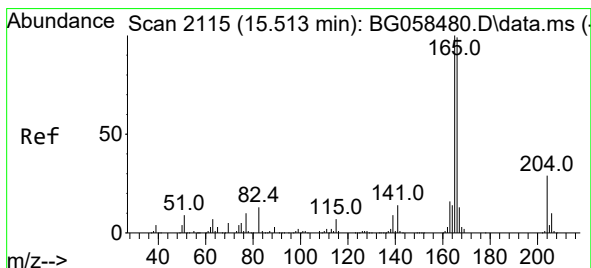
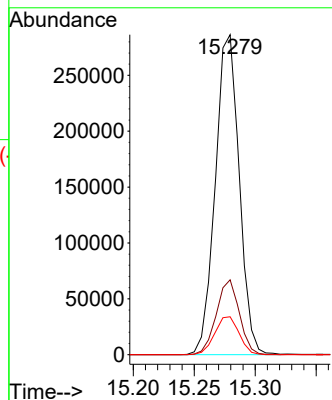
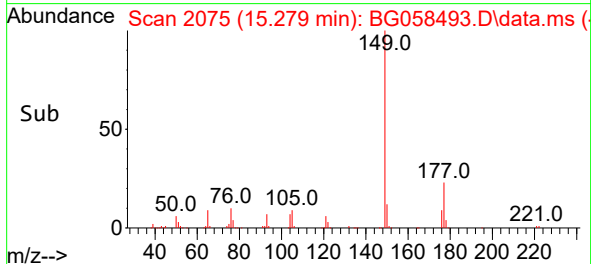


#59
Diethylphthalate
Concen: 39.407 ng/ul
RT: 15.279 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

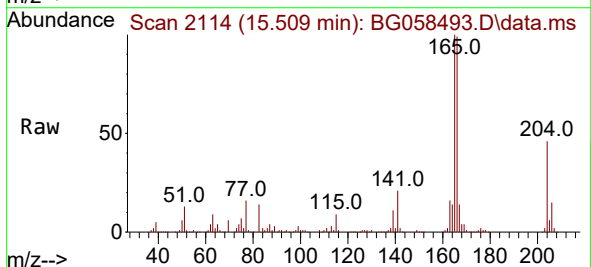
Instrument :
BNA_P
ClientSampleId :



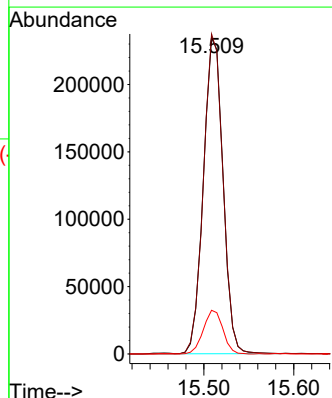
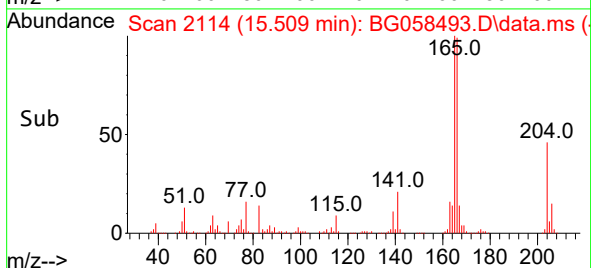
Tgt Ion:149 Resp: 391264
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 11.8 10.0 15.0

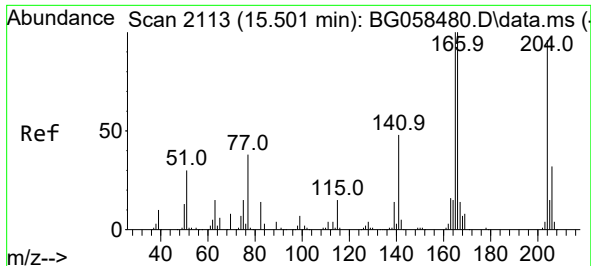


#61
Fluorene
Concen: 40.465 ng/ul
RT: 15.509 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46



Tgt Ion:166 Resp: 356074
Ion Ratio Lower Upper
166 100
165 101.1 80.2 120.2
167 13.8 10.5 15.7

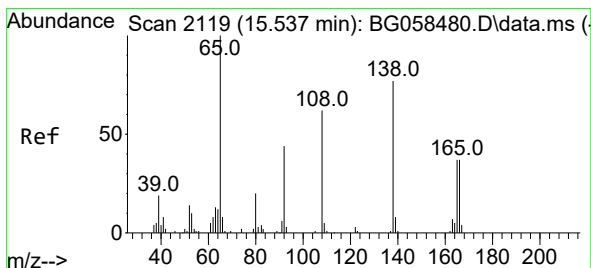
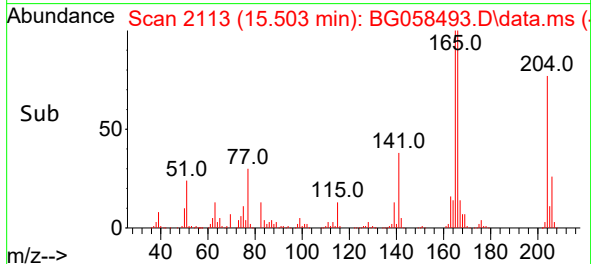
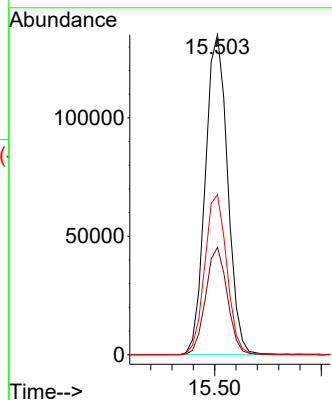
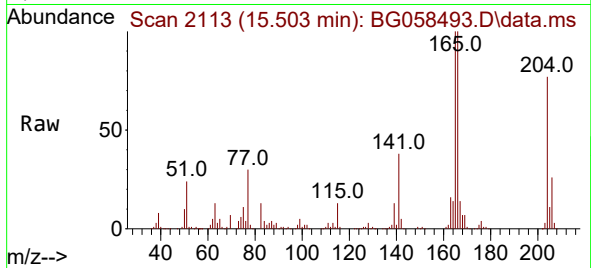




#62
4-Chlorophenyl-phenylether
Concen: 42.125 ng/ul
RT: 15.503 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

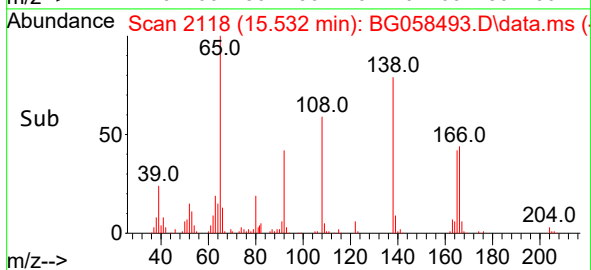
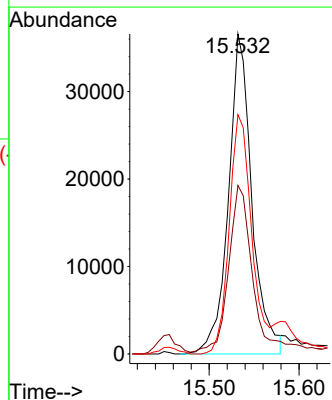
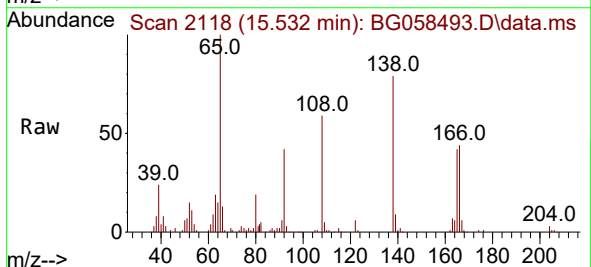
Instrument :
BNA_P
ClientSampleId :

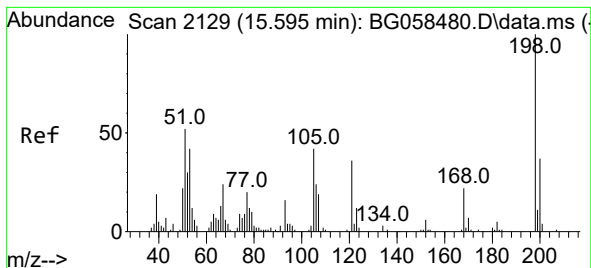
Tgt Ion:204 Resp: 196785
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 50.0 42.2 63.2



#63
4-Nitroaniline
Concen: 47.284 ng/ul
RT: 15.532 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:138 Resp: 66404
Ion Ratio Lower Upper
138 100
92 52.7 45.0 67.4
108 74.8 60.8 91.2

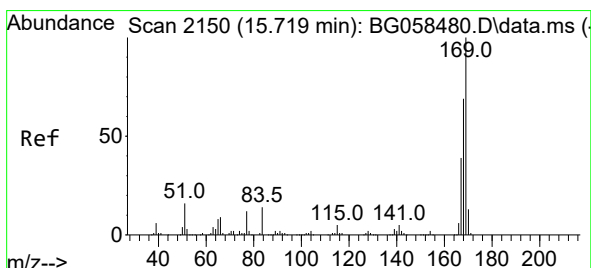
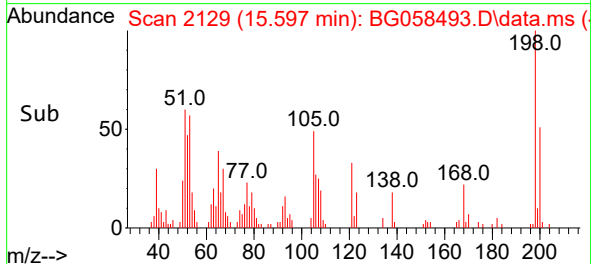
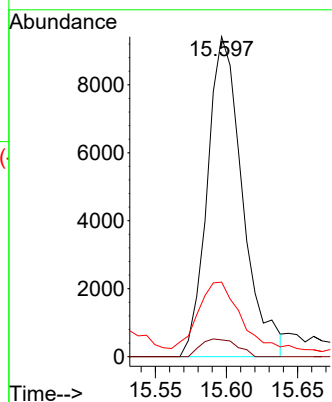
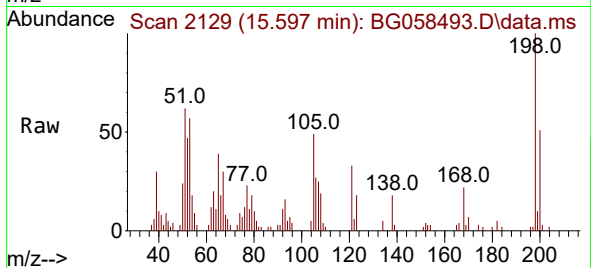




#66
 4,6-Dinitro-2-methylphenol
 Concen: 10.377 ng/ul
 RT: 15.597 min Scan# 2129
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

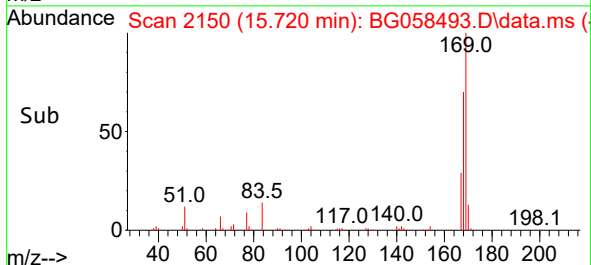
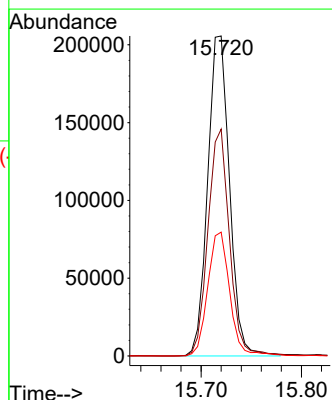
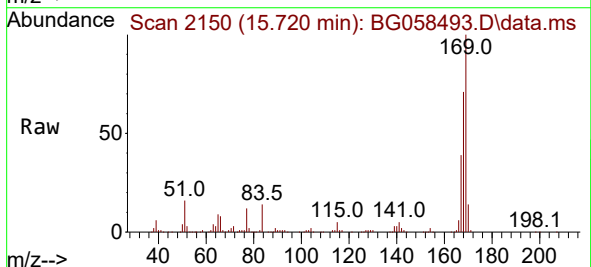
Instrument :
 BNA_P
 ClientSampleId :

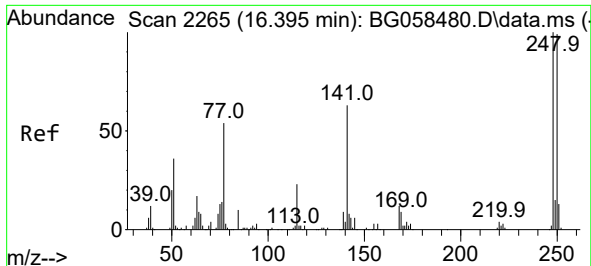
Tgt Ion:198 Resp: 16240
 Ion Ratio Lower Upper
 198 100
 182 5.3 3.4 5.2#
 77 23.3 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 42.154 ng/ul
 RT: 15.720 min Scan# 2150
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

Tgt Ion:169 Resp: 311967
 Ion Ratio Lower Upper
 169 100
 168 70.9 55.7 83.5
 167 38.7 31.2 46.8

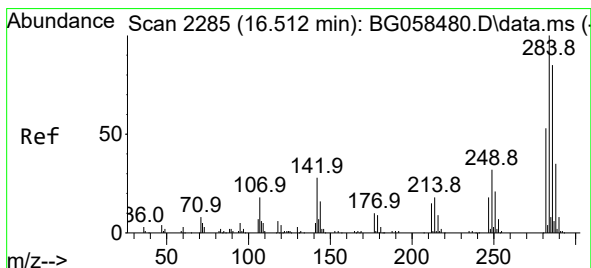
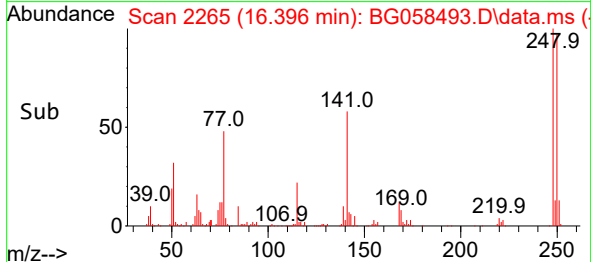
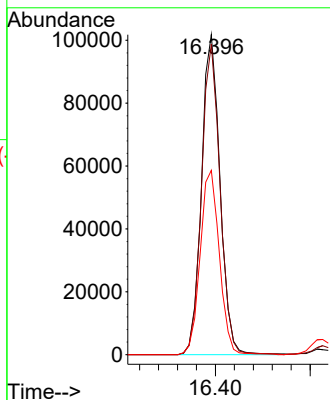
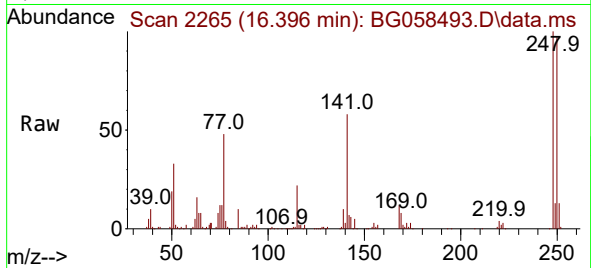




#68
4-Bromophenyl-phenylether
Concen: 43.436 ng/ul
RT: 16.396 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

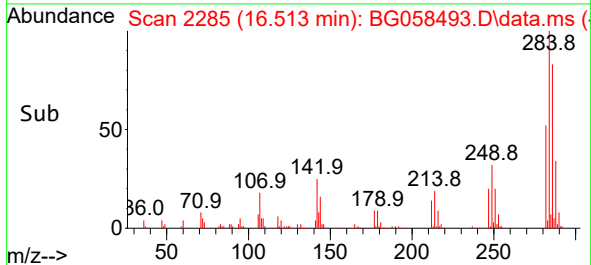
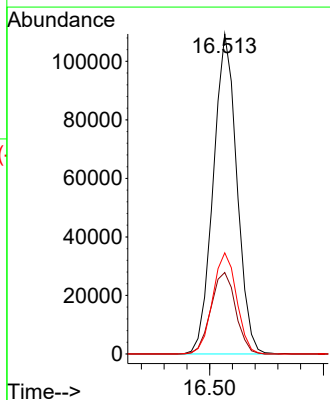
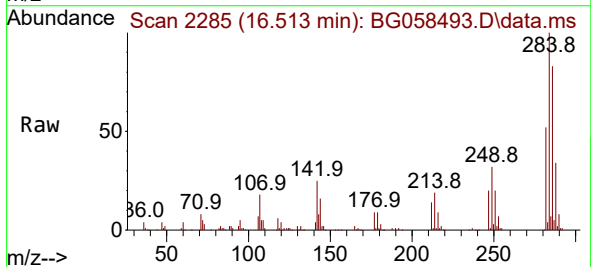
Instrument :
BNA_P
ClientSampleId :

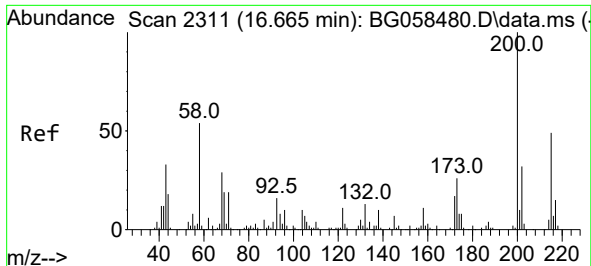
Tgt Ion:248 Resp: 137360
Ion Ratio Lower Upper
248 100
250 97.1 73.8 110.6
141 57.6 48.2 72.2



#69
Hexachlorobenzene
Concen: 44.214 ng/ul
RT: 16.513 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

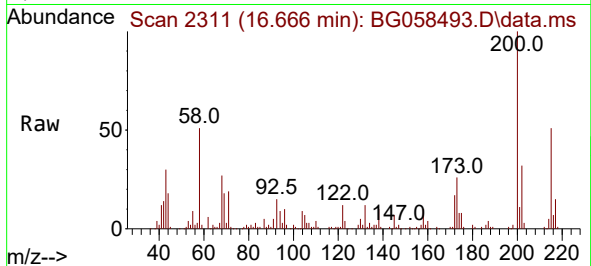
Tgt Ion:284 Resp: 157771
Ion Ratio Lower Upper
284 100
142 25.4 20.5 30.7
249 31.6 25.2 37.8



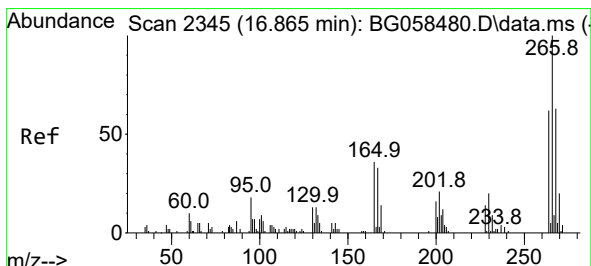
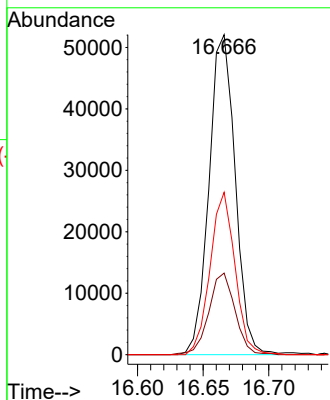
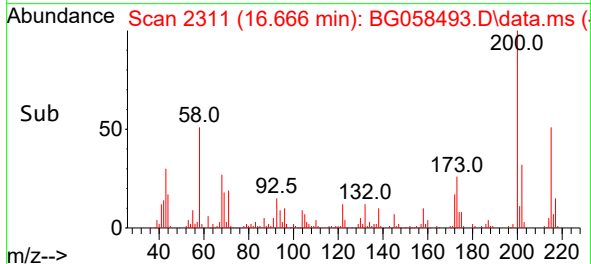


#70
 Atrazine
 Concen: 24.896 ng/ul
 RT: 16.666 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

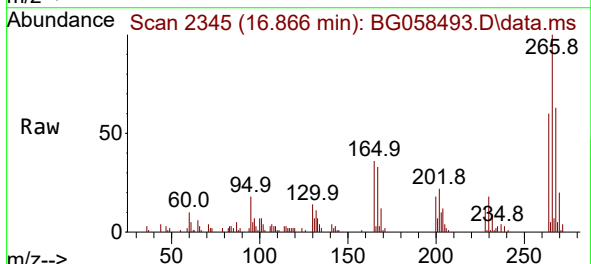
Instrument :
 BNA_P
 ClientSampleId :



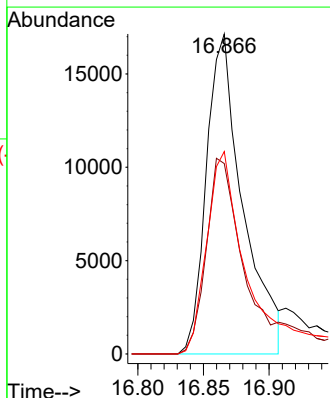
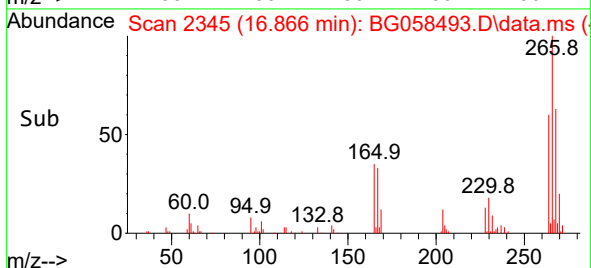
Tgt Ion:200 Resp: 72238
 Ion Ratio Lower Upper
 200 100
 173 25.5 19.8 29.8
 215 50.7 36.2 54.4

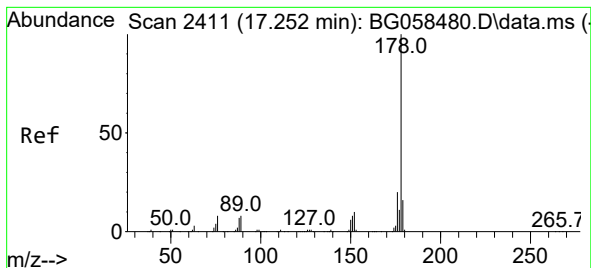


#71
 Pentachlorophenol
 Concen: 16.516 ng/ul
 RT: 16.866 min Scan# 2345
 Delta R.T. -0.001 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46



Tgt Ion:266 Resp: 33081
 Ion Ratio Lower Upper
 266 100
 264 59.5 46.6 70.0
 268 63.3 47.6 71.4





#72

Phenanthrene

Concen: 42.867 ng/ul

RT: 17.248 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :

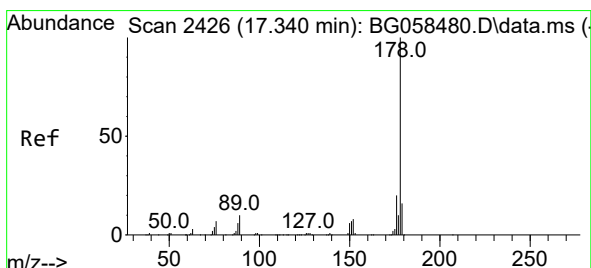
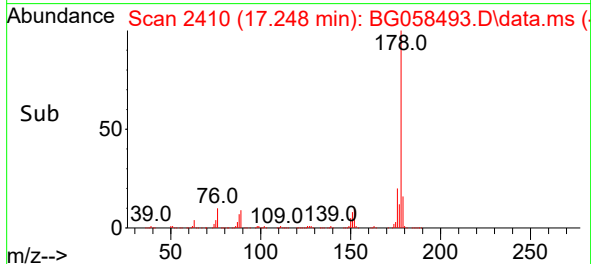
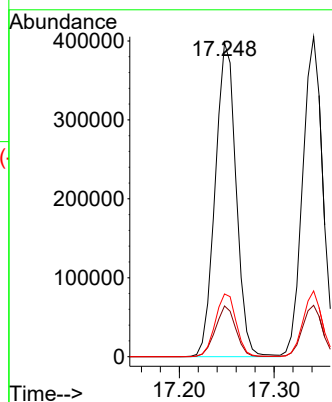
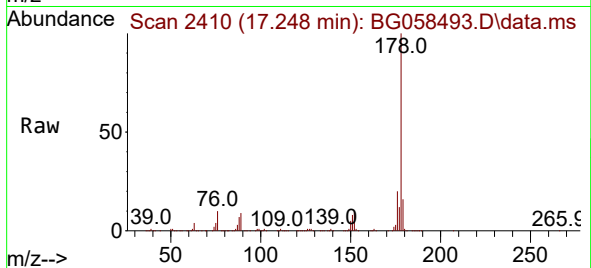
Tgt Ion:178 Resp: 608211

Ion Ratio Lower Upper

178 100

179 16.2 11.9 17.9

176 20.0 15.8 23.8



#74

Anthracene

Concen: 41.752 ng/ul

RT: 17.342 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

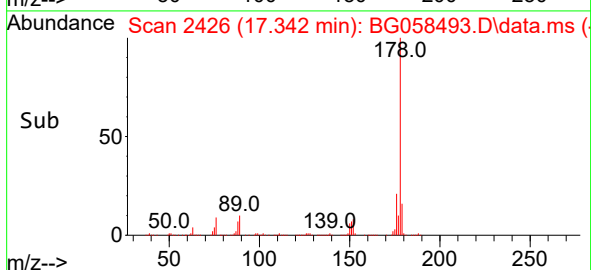
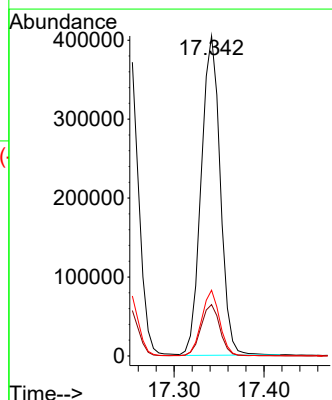
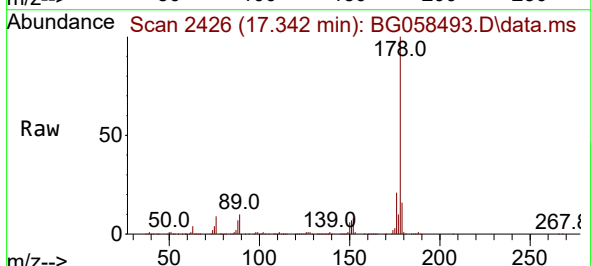
Tgt Ion:178 Resp: 594704

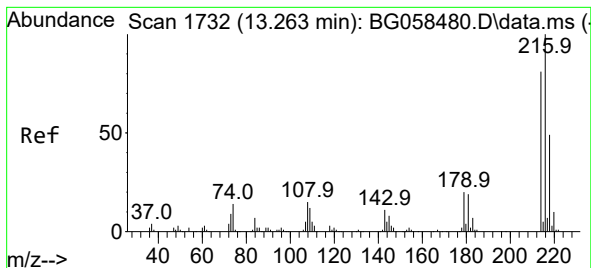
Ion Ratio Lower Upper

178 100

179 16.0 13.4 20.2

176 20.5 16.2 24.2

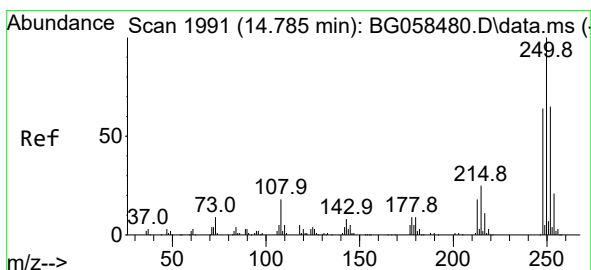
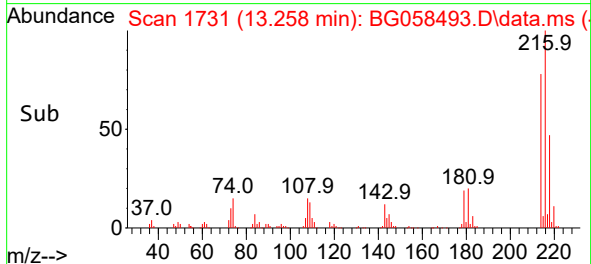
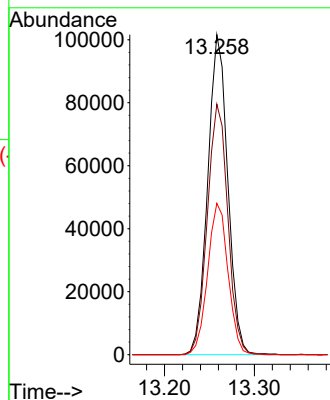
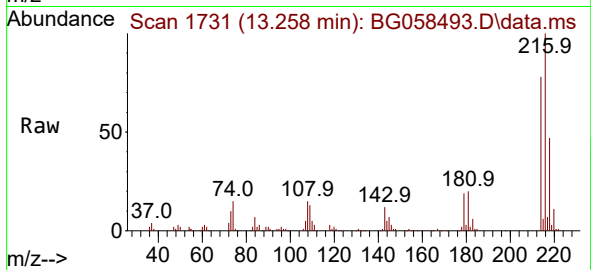




#75
1,2,3,4-Tetrachlorobenzene
Concen: 42.198 ng/uL
RT: 13.258 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

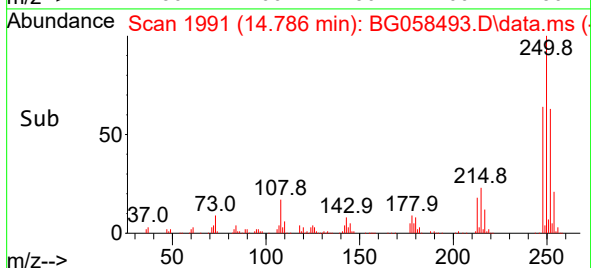
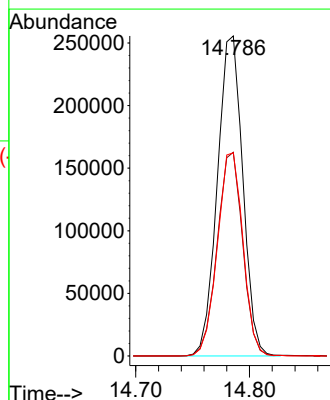
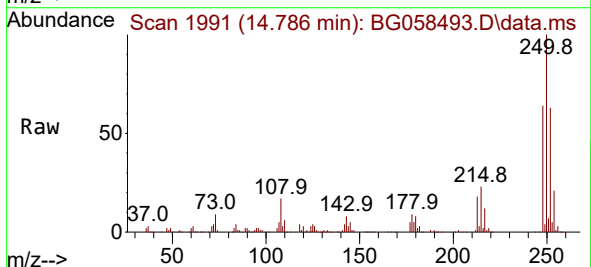
Instrument :
BNA_P
ClientSampleId :

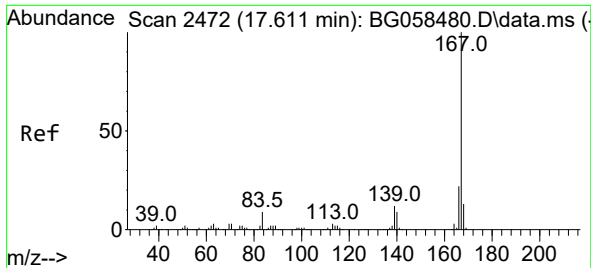
Tgt Ion:216 Resp: 158028
Ion Ratio Lower Upper
216 100
214 78.3 62.2 93.4
218 47.3 40.9 61.3



#76
Pentachlorobenzene
Concen: 96.955 ng/uL
RT: 14.786 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:250 Resp: 397051
Ion Ratio Lower Upper
250 100
248 63.7 51.6 77.4
252 63.5 54.4 81.6

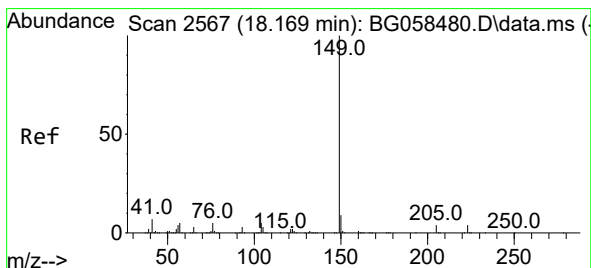
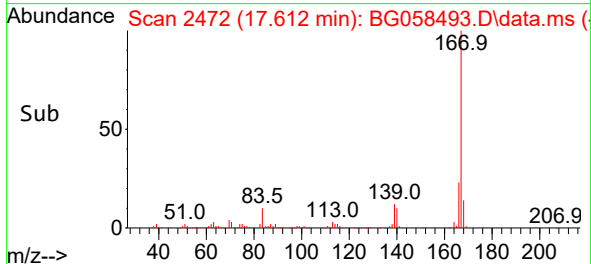
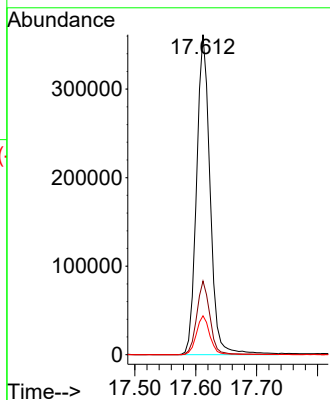
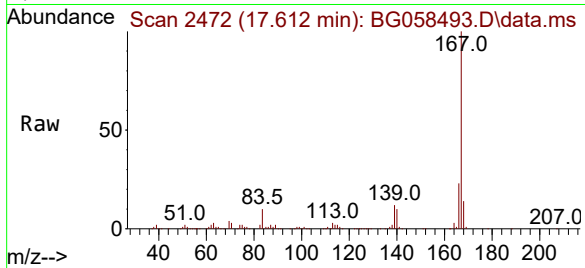




#77
 Carbazole
 Concen: 45.265 ng/ul
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

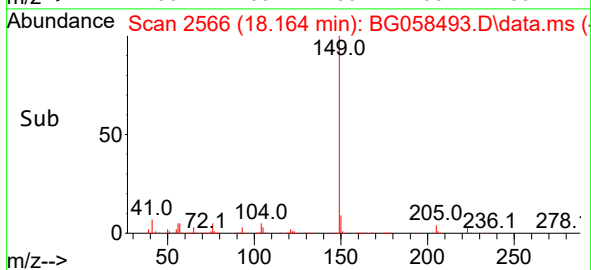
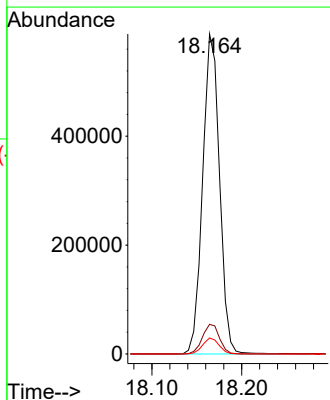
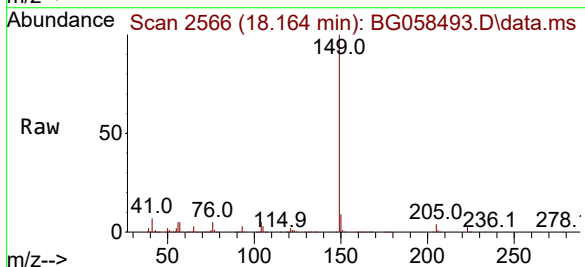
Instrument :
 BNA_P
 ClientSampleId :

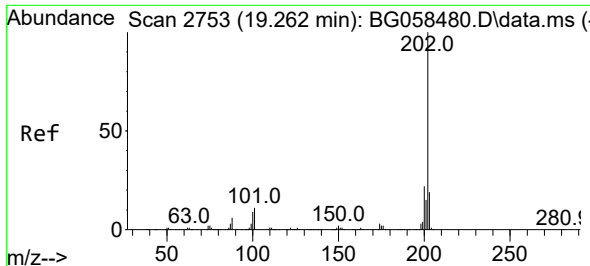
Tgt Ion:167 Resp: 558888
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.8
 139 12.2 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 48.819 ng/ul
 RT: 18.164 min Scan# 2566
 Delta R.T. -0.006 min
 Lab File: BG058493.D
 Acq: 27 Jul 2023 00:46

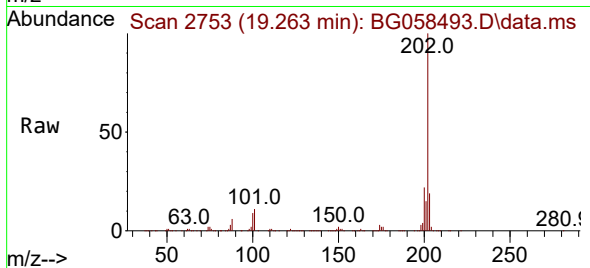
Tgt Ion:149 Resp: 765942
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.0 3.9 5.9



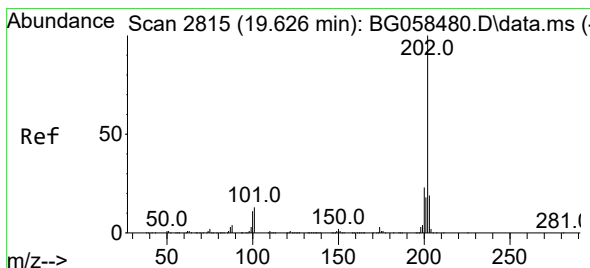
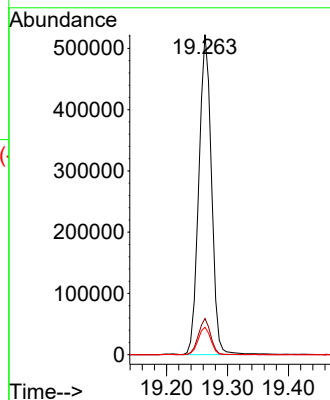
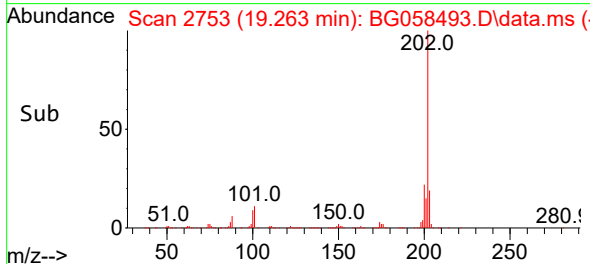


#80
Fluoranthene
Concen: 42.723 ng/ul
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

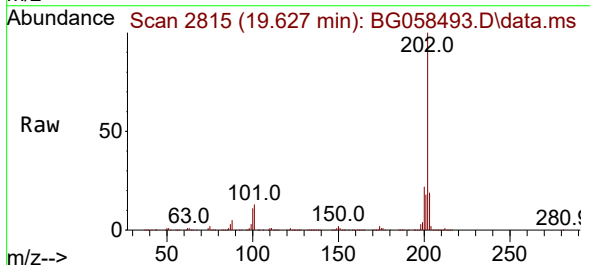
Instrument :
BNA_P
ClientSampleId :



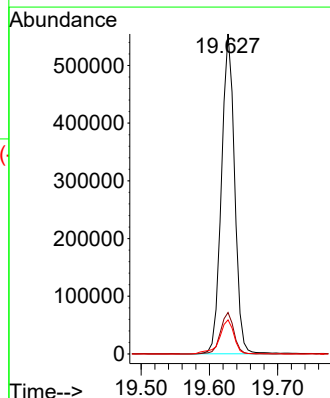
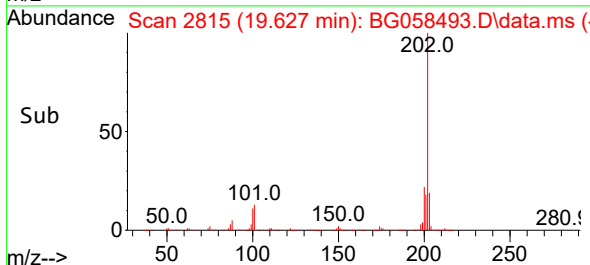
Tgt Ion:202 Resp: 751554
Ion Ratio Lower Upper
202 100
101 11.3 8.6 12.8
100 8.6 7.2 10.8

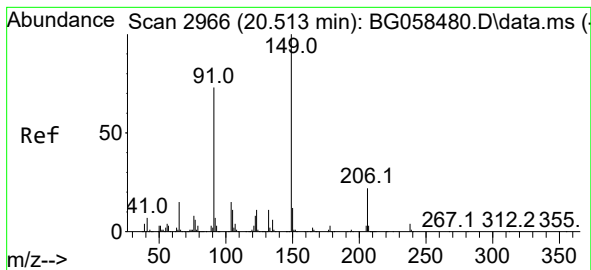


#82
Pyrene
Concen: 41.758 ng/ul
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46



Tgt Ion:202 Resp: 744295
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 10.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 45.712 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :

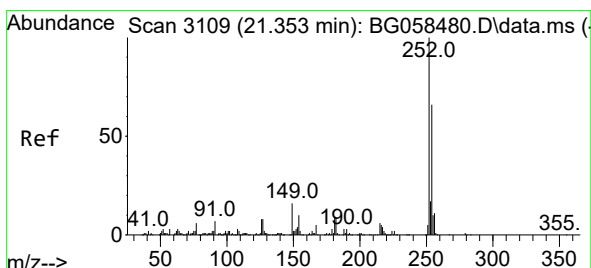
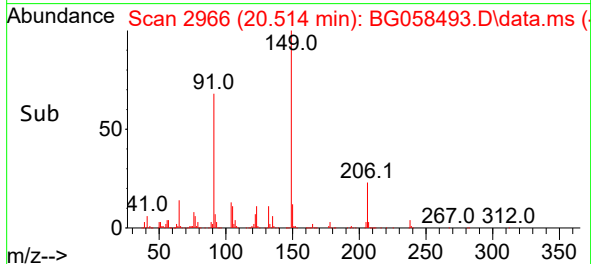
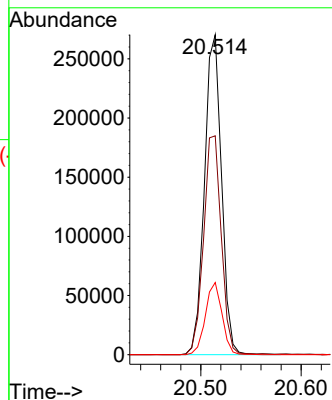
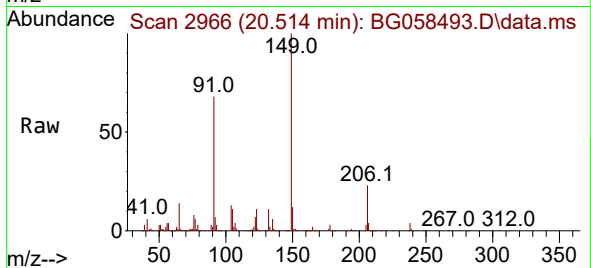
Tgt Ion:149 Resp: 320833

Ion Ratio Lower Upper

149 100

91 68.4 59.9 89.9

206 22.6 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 45.930 ng/ul

RT: 21.349 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

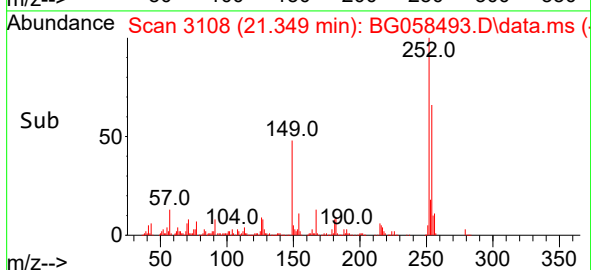
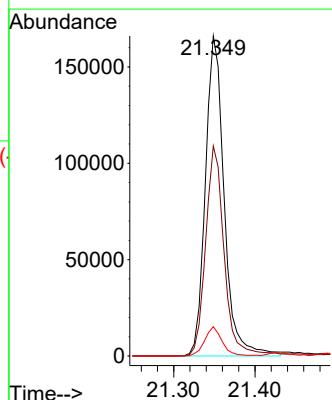
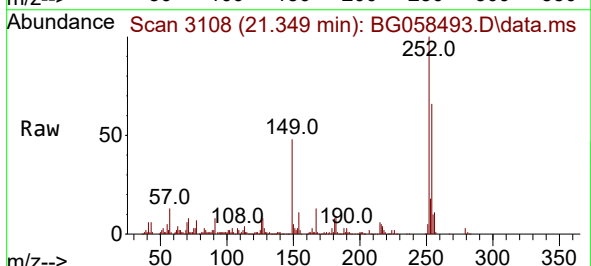
Tgt Ion:252 Resp: 266557

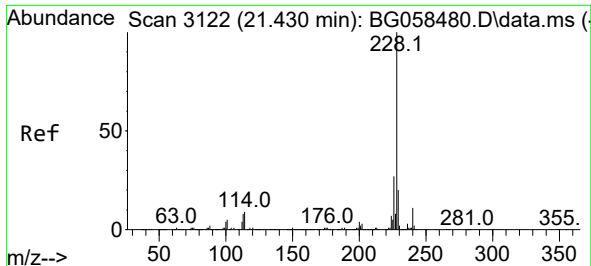
Ion Ratio Lower Upper

252 100

254 65.6 50.5 75.7

126 9.1 6.5 9.7

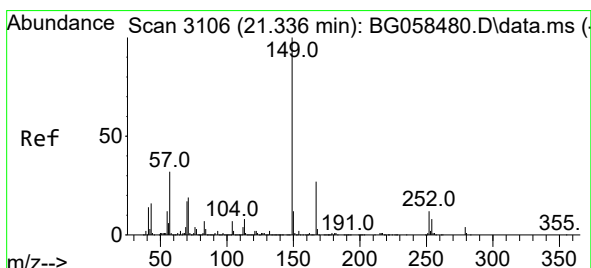
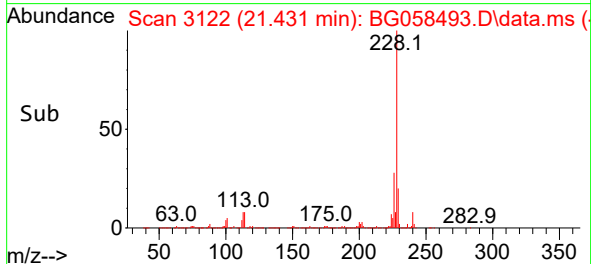
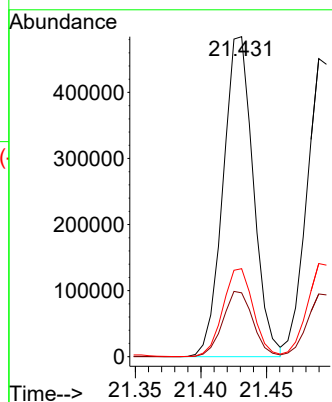
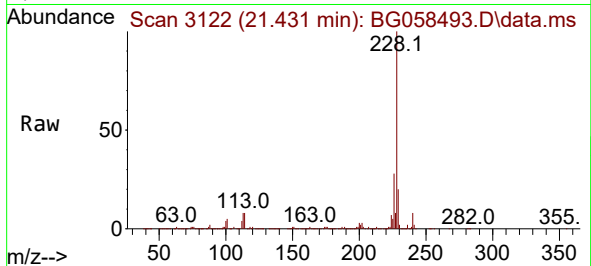




#85
Benzo(a)anthracene
Concen: 44.439 ng/ul
RT: 21.431 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

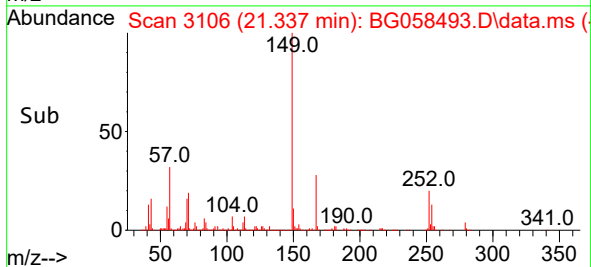
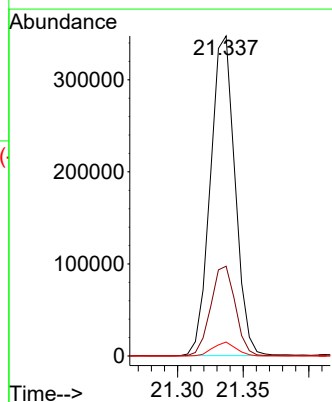
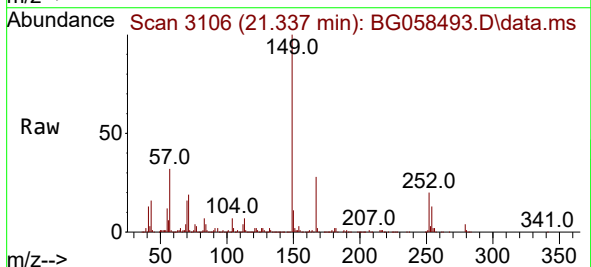
Instrument :
BNA_P
ClientSampleId :

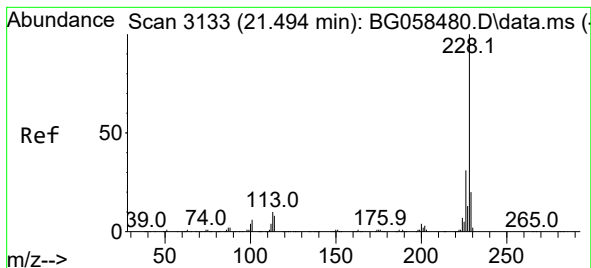
Tgt Ion:228 Resp: 776558
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.5 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 45.505 ng/ul
RT: 21.337 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:149 Resp: 454272
Ion Ratio Lower Upper
149 100
167 28.0 21.6 32.4
279 4.4 3.0 4.4





#87

Chrysene

Concen: 44.404 ng/ul

RT: 21.490 min Scan# 31

Delta R.T. -0.006 min

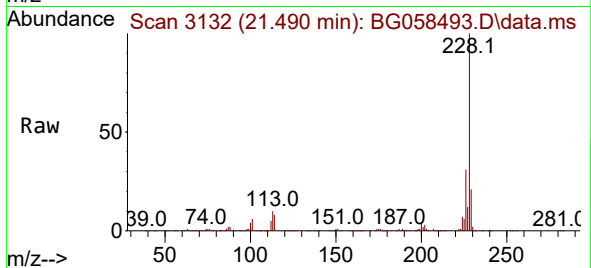
Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :



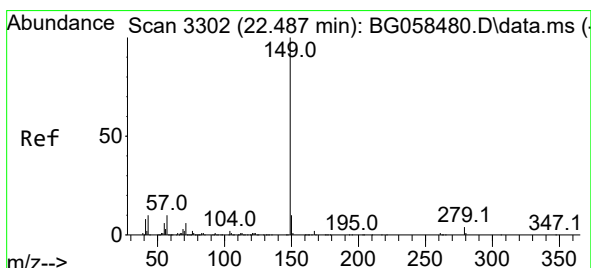
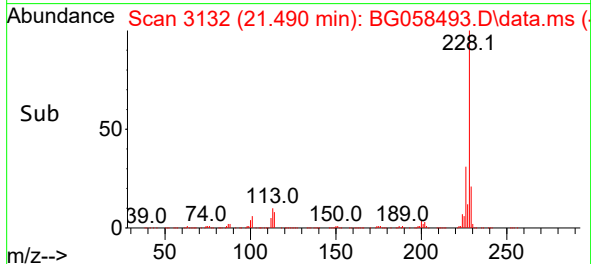
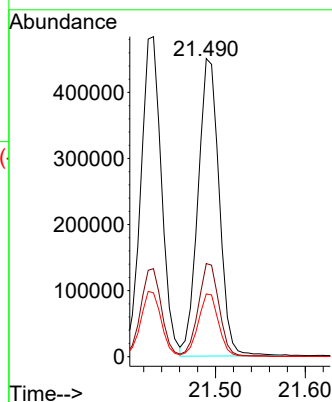
Tgt Ion:228 Resp: 735996

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

229 21.1 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 47.786 ng/ul

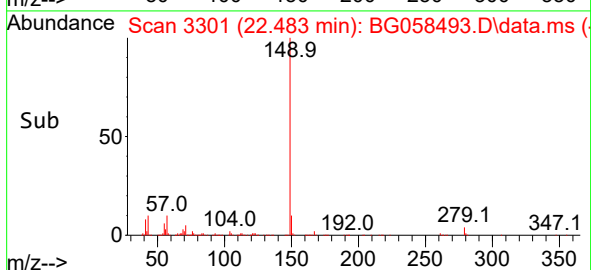
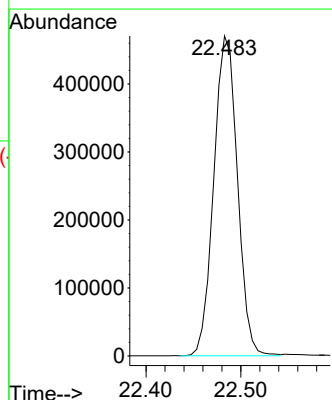
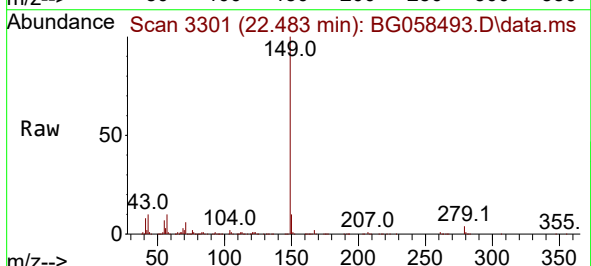
RT: 22.483 min Scan# 3301

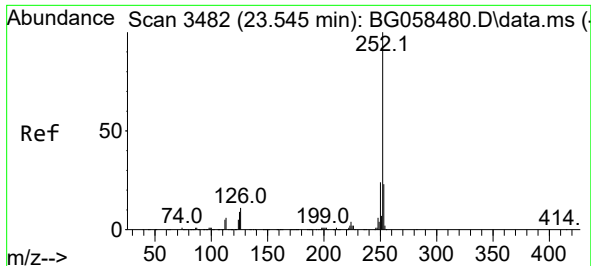
Delta R.T. -0.006 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Tgt Ion:149 Resp: 814801

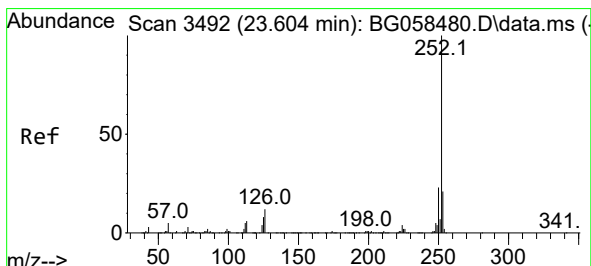
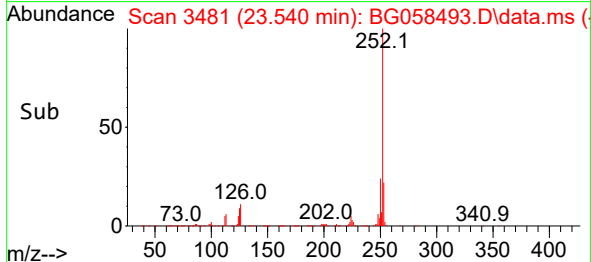
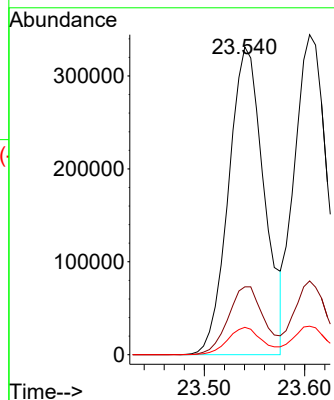
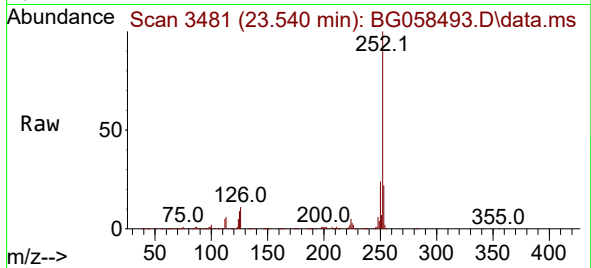




#90
Benzo(b)fluoranthene
Concen: 43.986 ng/ul
RT: 23.540 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

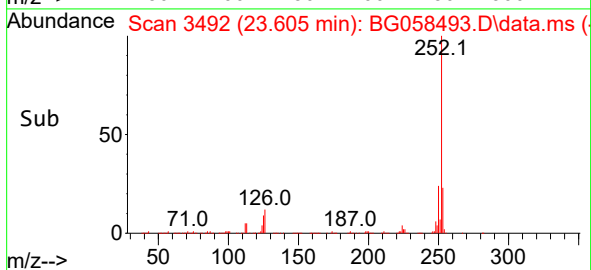
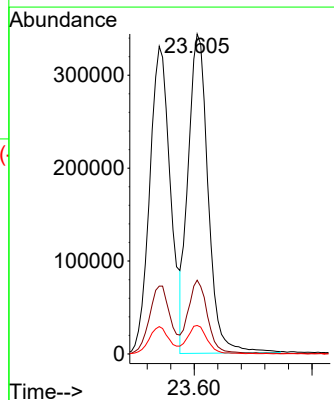
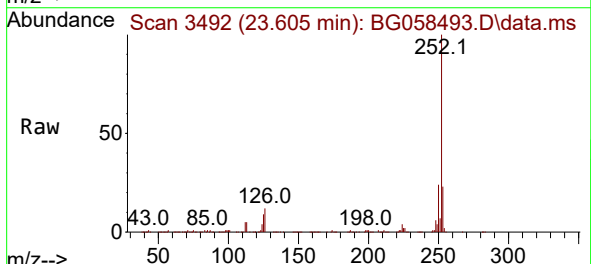
Instrument :
BNA_P
ClientSampleId :

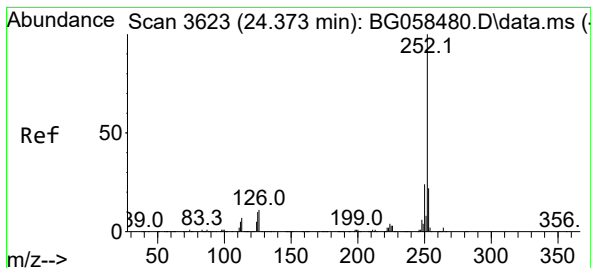
Tgt Ion:252 Resp: 815575
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 43.773 ng/ul
RT: 23.605 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BG058493.D
Acq: 27 Jul 2023 00:46

Tgt Ion:252 Resp: 809487
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 8.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 42.585 ng/ul

RT: 24.375 min Scan# 3

Delta R.T. -0.001 min

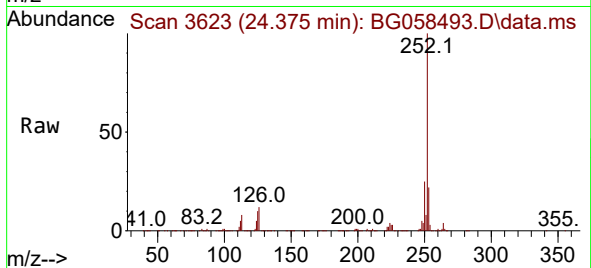
Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :



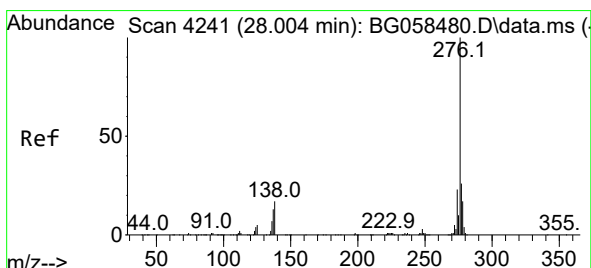
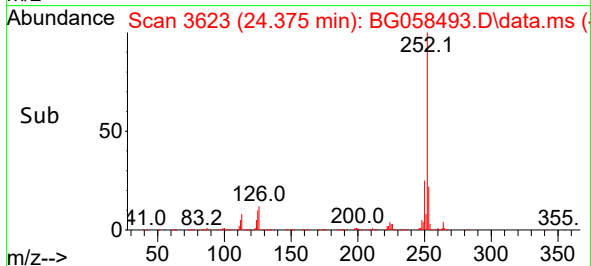
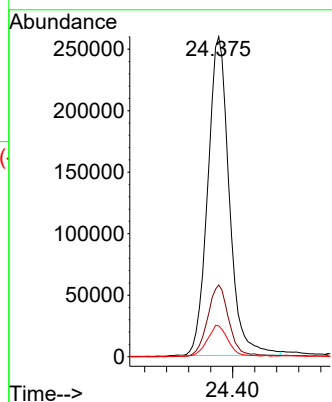
Tgt Ion:252 Resp: 702305

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 9.7 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.802 ng/ul

RT: 28.000 min Scan# 4240

Delta R.T. -0.012 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

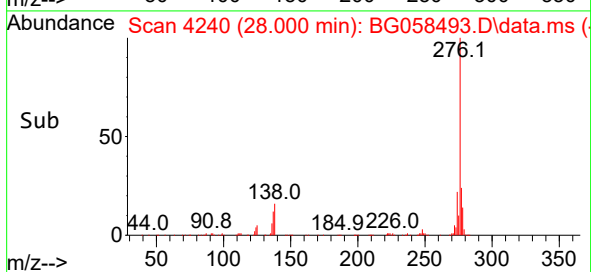
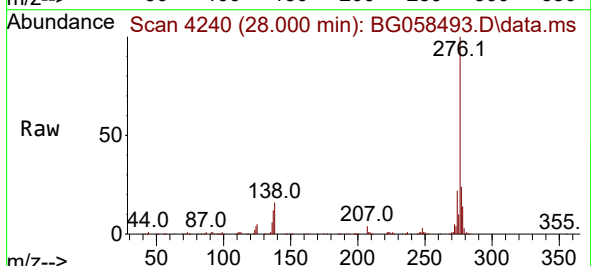
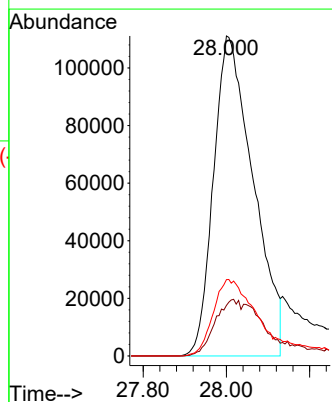
Tgt Ion:276 Resp: 734477

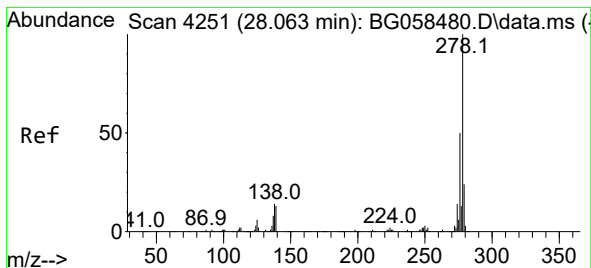
Ion Ratio Lower Upper

276 100

138 15.8 13.8 20.6

277 23.8 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 37.168 ng/ul

RT: 28.058 min Scan# 4251

Delta R.T. -0.012 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Instrument :

BNA_P

ClientSampleId :

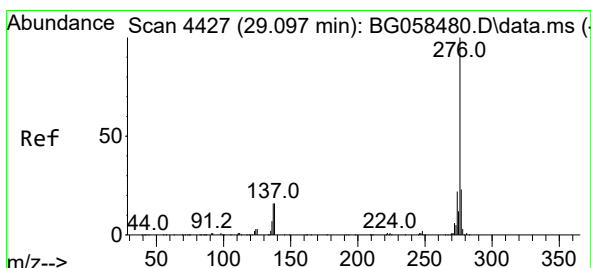
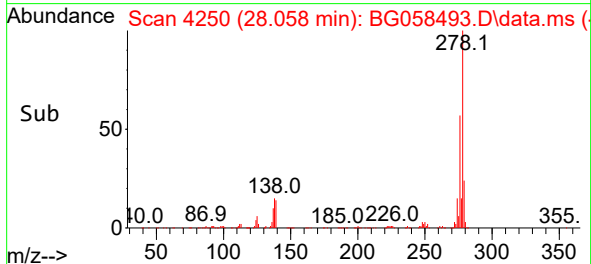
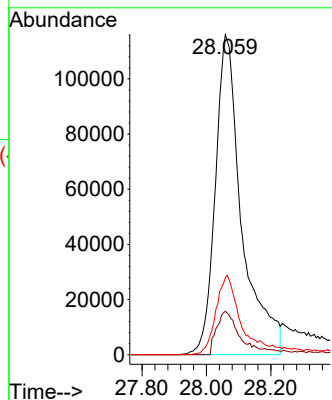
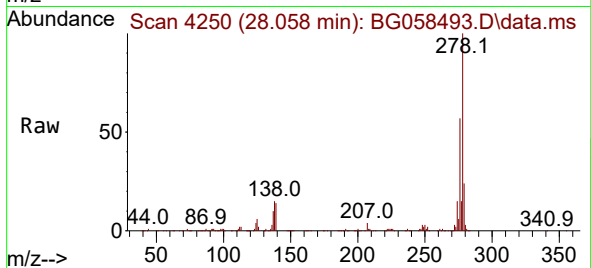
Tgt Ion:278 Resp: 662261

Ion Ratio Lower Upper

278 100

139 13.5 10.4 15.6

279 24.0 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 32.378 ng/ul

RT: 29.098 min Scan# 4427

Delta R.T. -0.012 min

Lab File: BG058493.D

Acq: 27 Jul 2023 00:46

Tgt Ion:276 Resp: 573199

Ion Ratio Lower Upper

276 100

138 16.3 13.5 20.3

277 22.9 19.4 29.2

