

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058300.D
 Acq On : 18 Jul 2023 14:16
 Operator : CG/JU
 Sample : 03444-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:15:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	39994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	179211	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	124480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	287886	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	236696	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	293799	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6371	5.863	ng/uL	0.00
4) Pyridine-d5	3.752	84	105776	32.796	ng/ul	0.00
7) Phenol-d5	7.066	99	155705	41.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	96706	40.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	109409	41.197	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	107354	37.096	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	57668	42.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	63884	43.563	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	122674	43.637	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	143980	35.329	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	381512	39.745	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	438249	43.566	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	62784	43.310	ng/ul	0.00
60) Fluorene-d10	15.526	176	341811	43.011	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	64201	43.771	ng/ul	0.00
73) Anthracene-d10	17.383	188	511833	41.147	ng/ul	0.00
81) Pyrene-d10	19.668	212	605859	43.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	631142	44.446	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	17534	14.226	ng/uL#	92
5) Pyridine	3.769	79	128099	37.609	ng/ul	98
6) Benzaldehyde	7.036	77	85629	55.886	ng/ul	98
8) Phenol	7.089	94	170790	43.348	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.318	93	130463	43.223	ng/ul	97
12) 2-Chlorophenol	7.465	128	118327	42.565	ng/ul	99
13) 2-Methylphenol	8.340	108	117401	38.232	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.423	45	213527	43.168	ng/ul	100
16) Acetophenone	8.722	105	206627	41.926	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.705	70	110892	41.112	ng/ul	98
18) 4-Methylphenol	8.670	108	135974	40.745	ng/ul	97
19) Hexachloroethane	8.981	117	47455	43.307	ng/ul	92
22) Nitrobenzene	9.104	77	161706	45.141	ng/ul	99
23) Isophorone	9.621	82	333414	41.514	ng/ul	99
25) 2-Nitrophenol	9.815	139	72380	46.207	ng/ul	96
26) 2,4-Dimethylphenol	9.874	107	55812	15.980	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.109	93	183385	43.115	ng/ul	99
29) 2,4-Dichlorophenol	10.350	162	119981	44.967	ng/ul	98
30) Naphthalene	10.749	128	421867	44.041	ng/ul	99
32) 4-Chloroaniline	10.861	127	123924	29.752	ng/ul	100
33) Hexachlorobutadiene	11.031	225	87798	46.017	ng/ul	97
34) Caprolactam	11.619	113	26609	24.011	ng/ul	93
35) 4-Chloro-3-methylphenol	11.989	107	146753	43.218	ng/ul	97
36) 2-Methylnaphthalene	12.359	142	288358	44.932	ng/ul	98

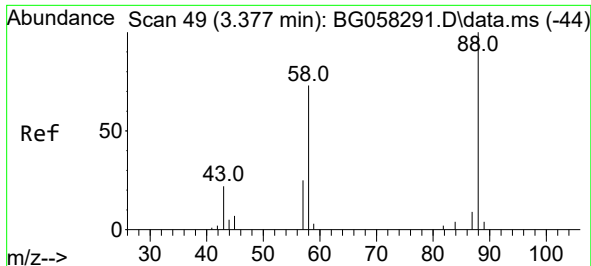
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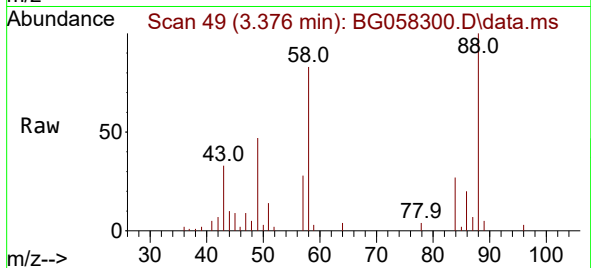
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	292337	44.445	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.729	216	169659	47.082	ng/ul	99
40) Hexachlorocyclopentadiene	12.706	237	70704	36.481	ng/ul	98
41) 2,4,6-Trichlorophenol	12.970	196	109947	45.072	ng/ul	96
42) 2,4,5-Trichlorophenol	13.047	196	120034	46.146	ng/ul	97
43) 1,1'-Biphenyl	13.370	154	380002	45.145	ng/ul	100
44) 2-Chloronaphthalene	13.411	162	310773	46.436	ng/ul	96
45) 2-Nitroaniline	13.617	65	110125	47.372	ng/ul	96
47) Dimethylphthalate	13.987	163	400265	41.514	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	88847	47.686	ng/ul	92
50) Acenaphthylene	14.257	152	485695	44.730	ng/ul	99
51) 3-Nitroaniline	14.445	138	81717	52.629	ng/ul	95
52) Acenaphthene	14.604	153	339806	45.073	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	45846	46.235	ng/ul#	59
55) 4-Nitrophenol	14.757	109	50133	44.904	ng/ul	94
56) Dibenzofuran	14.939	168	477310	44.464	ng/ul	100
57) 2,4-Dinitrotoluene	14.903	165	122997	45.770	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.162	232	100996	42.025	ng/ul#	97
59) Diethylphthalate	15.350	149	412193	41.498	ng/ul	99
61) Fluorene	15.585	166	385294	43.768	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	205971	44.073	ng/ul	98
63) 4-Nitroaniline	15.608	138	81381	57.924	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	74100	49.105	ng/ul	98
67) N-Nitrosodiphenylamine	15.791	169	312084	43.733	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	141208	46.309	ng/ul	95
69) Hexachlorobenzene	16.590	284	156156	45.384	ng/ul	99
70) Atrazine	16.737	200	69490	24.837	ng/ul	95
71) Pentachlorophenol	16.930	266	78793	40.796	ng/ul	94
72) Phenanthrene	17.324	178	622846	45.526	ng/ul	99
74) Anthracene	17.418	178	582597	42.419	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	177708	49.213	ng/uL	96
76) Pentachlorobenzene	14.856	250	421927	106.849	ng/uL	96
77) Carbazole	17.688	167	547381	45.976	ng/ul	98
78) Di-n-butylphthalate	18.235	149	686833	45.400	ng/ul	99
80) Fluoranthene	19.333	202	738350	46.102	ng/ul	99
82) Pyrene	19.698	202	737757	45.463	ng/ul	99
83) Butylbenzylphthalate	20.579	149	302200	47.293	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.431	252	223141	42.232	ng/ul	99
85) Benzo(a)anthracene	21.513	228	724828	45.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	454623	50.020	ng/ul	98
87) Chrysene	21.578	228	686322	45.480	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	761559	48.717	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	782539	46.035	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	751403	44.320	ng/ul	100
93) Benzo(a)pyrene	24.522	252	677356	44.801	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	923740	46.371	ng/ul	100
95) Dibenzo(a,h)anthracene	28.299	278	753851	46.149	ng/ul	99
96) Benzo(g,h,i)perylene	29.363	276	766289	47.214	ng/ul	98

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

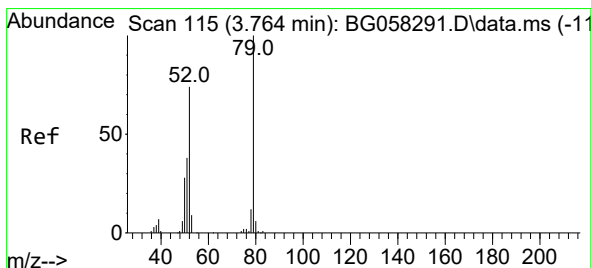
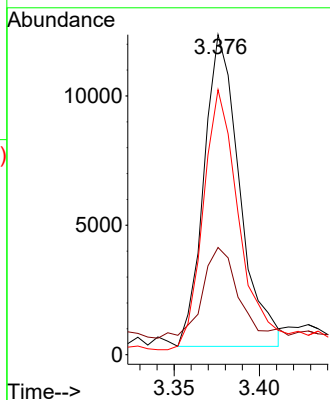
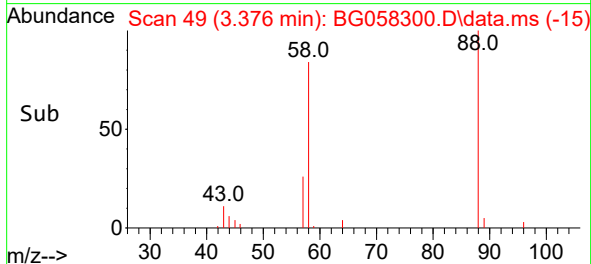


#2
1,4-Dioxane
Concen: 14.226 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Instrument :
BNA_M
ClientSampleId :

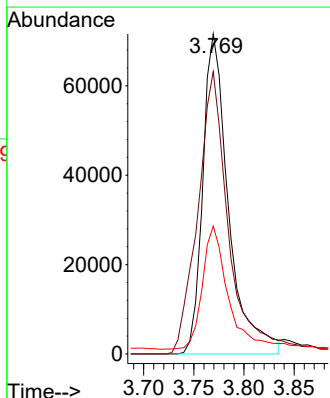
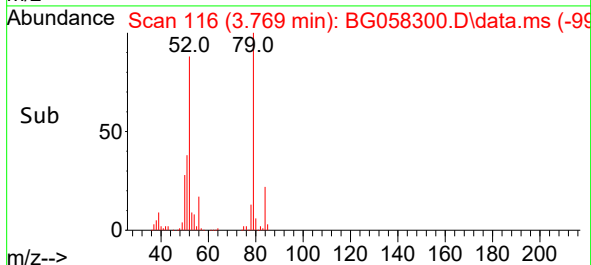
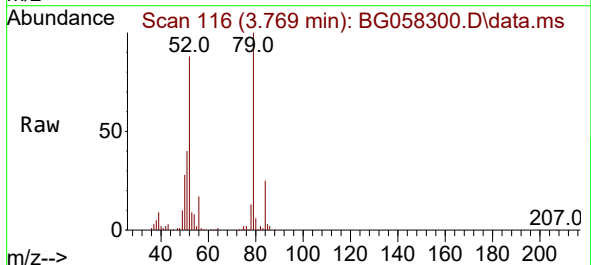


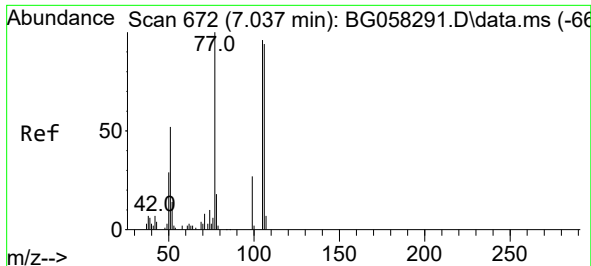
Tgt Ion: 88 Resp: 17534
Ion Ratio Lower Upper
88 100
43 33.5 19.6 29.4#
58 82.8 70.2 105.4



#5
Pyridine
Concen: 37.609 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion: 79 Resp: 128099
Ion Ratio Lower Upper
79 100
52 88.2 72.3 108.5
51 40.0 33.4 50.0

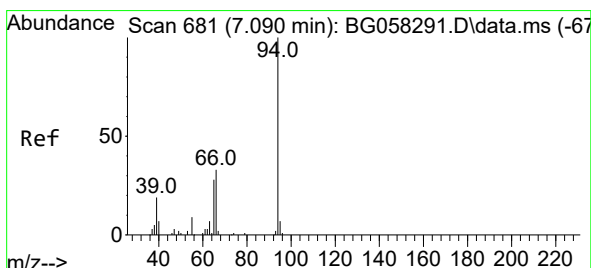
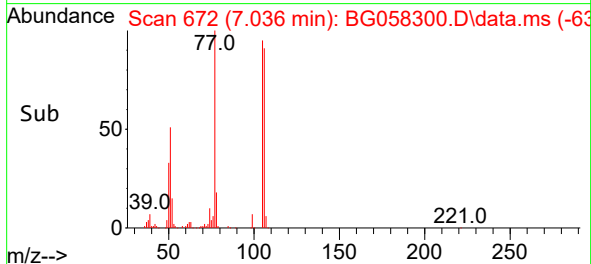
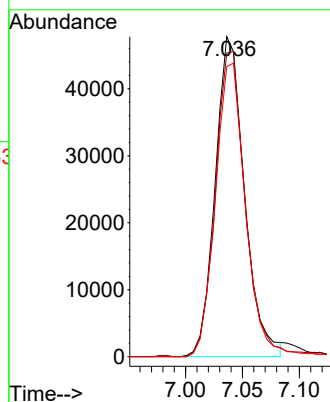
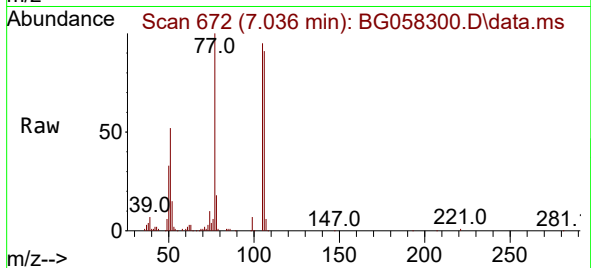




#6
Benzaldehyde
Concen: 55.886 ng/ul
RT: 7.036 min Scan# 672
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

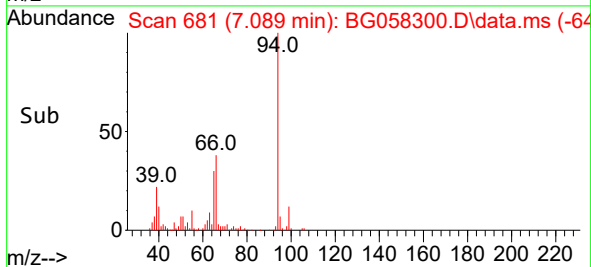
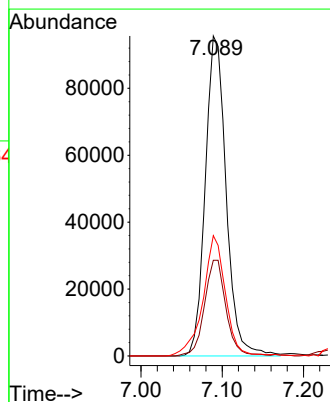
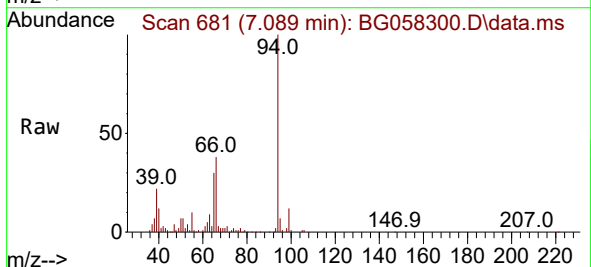
Instrument :
BNA_M
ClientSampleId :

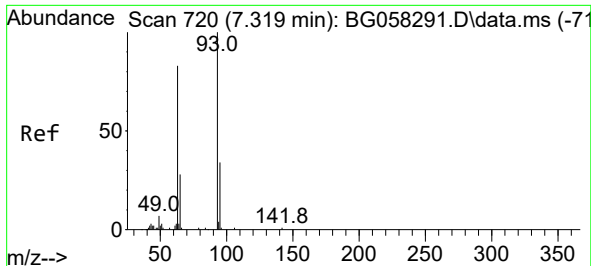
Tgt Ion: 77 Resp: 85629
Ion Ratio Lower Upper
77 100
105 94.9 78.2 117.4
106 90.6 71.6 107.4



#8
Phenol
Concen: 43.348 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

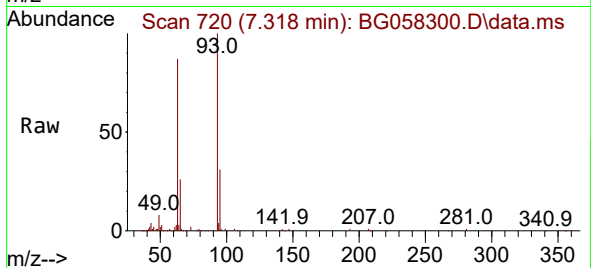
Tgt Ion: 94 Resp: 170790
Ion Ratio Lower Upper
94 100
65 29.9 23.8 35.8
66 37.6 31.2 46.8



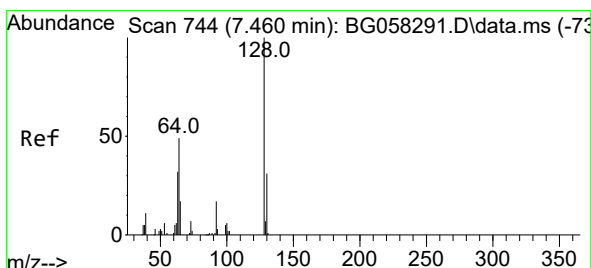
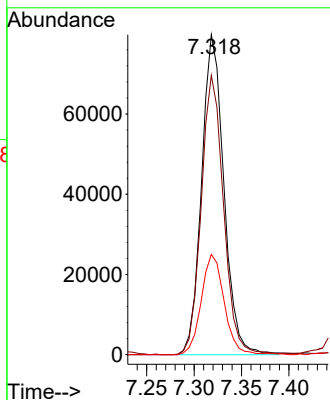
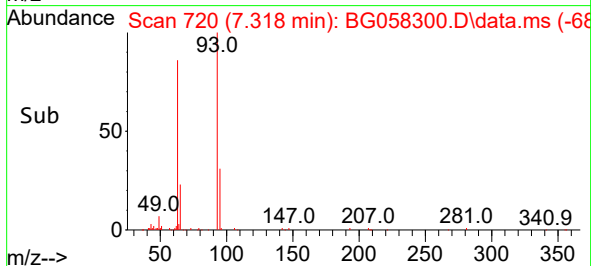


#10
Bis(2-Chloroethyl)ether
Concen: 43.223 ng/ul
RT: 7.318 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Instrument :
BNA_M
ClientSampleId :

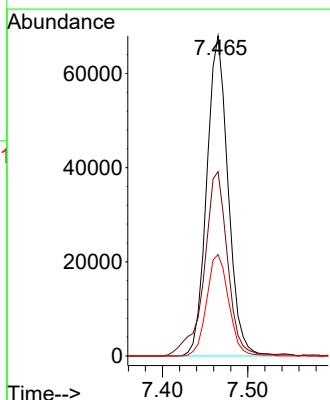
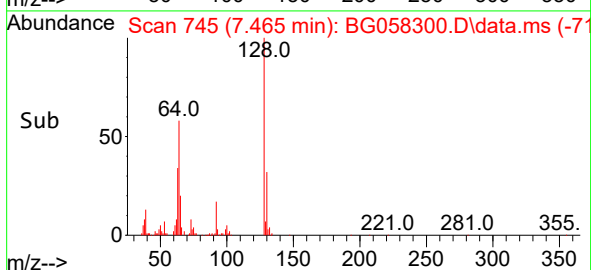
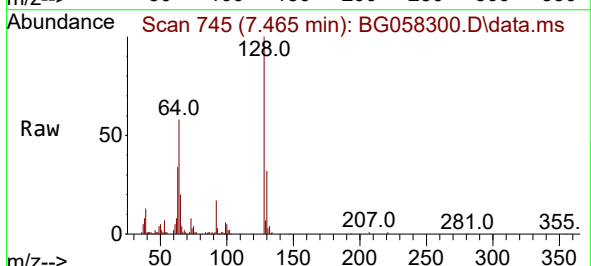


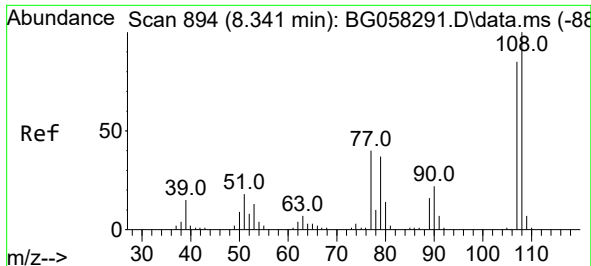
Tgt Ion: 93 Resp: 130463
Ion Ratio Lower Upper
93 100
63 87.3 67.7 101.5
95 31.4 27.0 40.6



#12
2-Chlorophenol
Concen: 42.565 ng/ul
RT: 7.465 min Scan# 745
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:128 Resp: 118327
Ion Ratio Lower Upper
128 100
64 57.6 45.6 68.4
130 31.7 25.2 37.8





#13

2-Methylphenol

Concen: 38.232 ng/ul

RT: 8.340 min Scan# 894

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

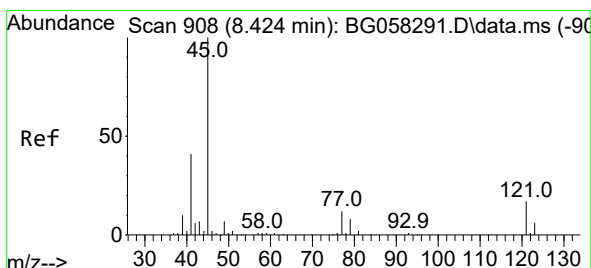
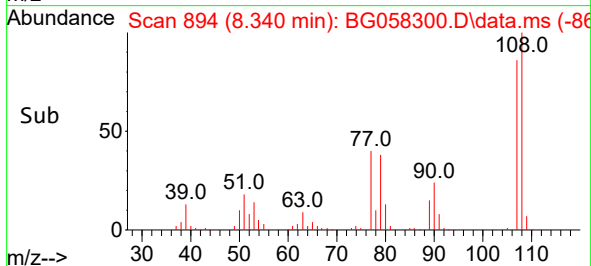
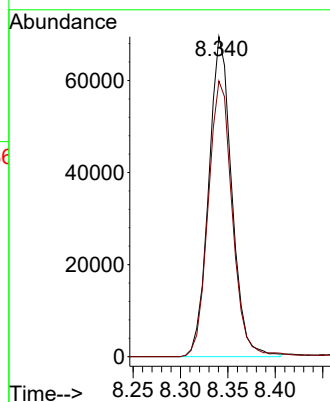
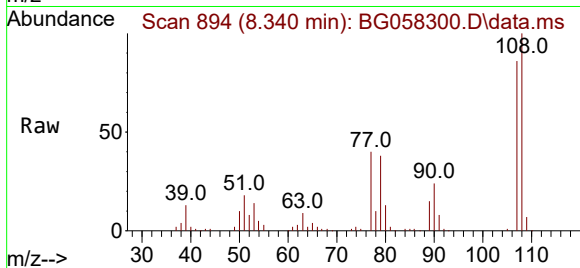
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Tgt Ion:108 Resp: 117401

Ion Ratio Lower Upper

108 100

107 86.2 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 43.168 ng/ul

RT: 8.423 min Scan# 908

Delta R.T. -0.005 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

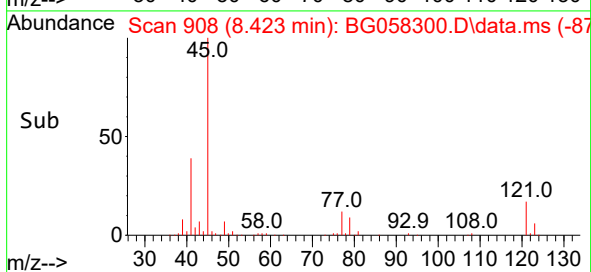
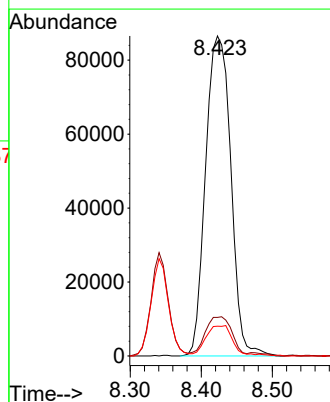
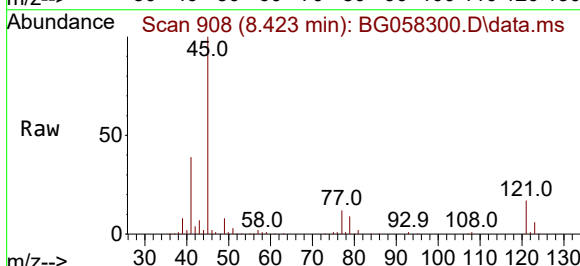
Tgt Ion: 45 Resp: 213527

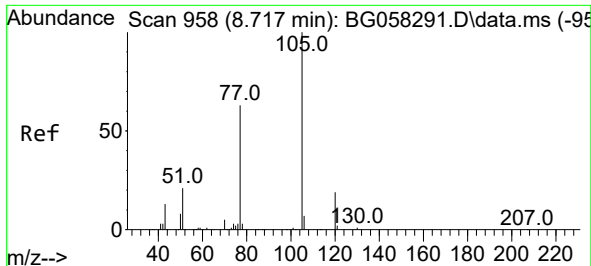
Ion Ratio Lower Upper

45 100

77 12.1 9.4 14.2

79 9.3 7.4 11.2

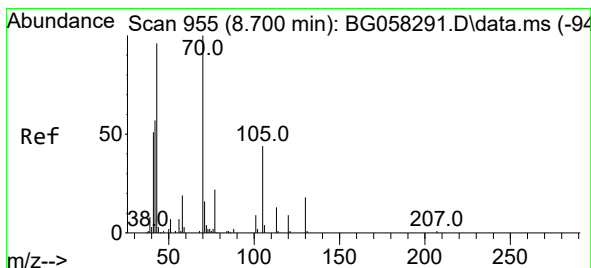
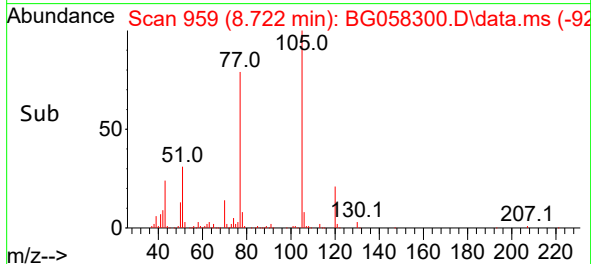
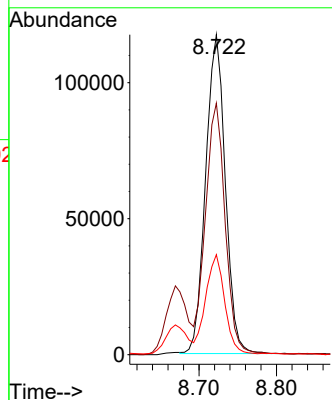
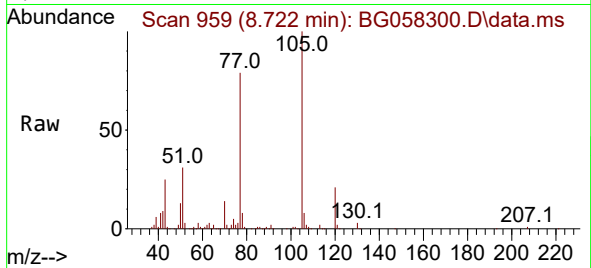




#16
Acetophenone
Concen: 41.926 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

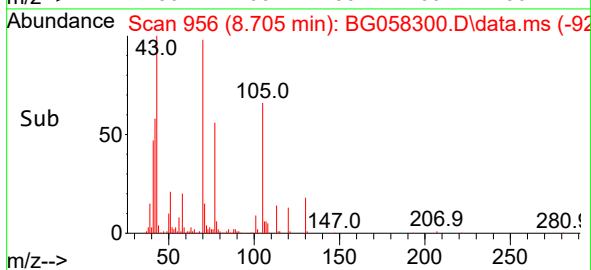
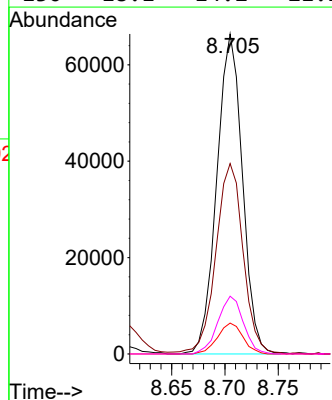
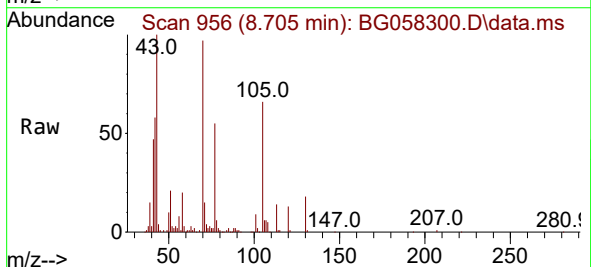
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ClientSampleId :

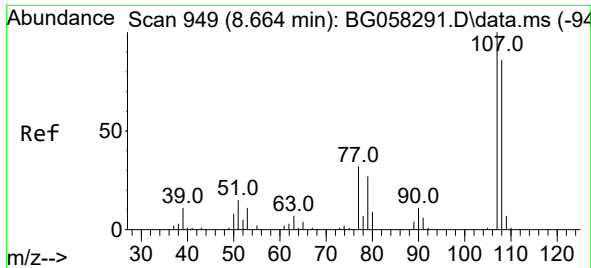
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Ion Ratio Lower Upper
105 100
77 78.6 60.7 91.1
51 31.3 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 41.112 ng/ul
RT: 8.705 min Scan# 956
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion: 70 Resp: 110892
Ion Ratio Lower Upper
70 100
42 59.5 46.6 69.8
101 9.7 7.3 10.9
130 18.1 14.2 21.2

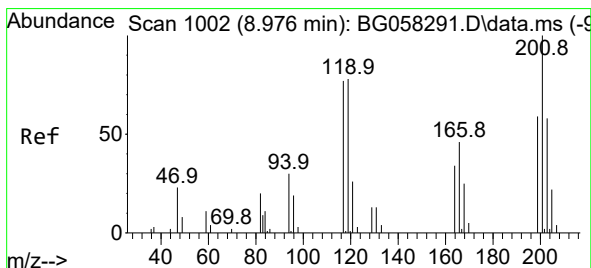
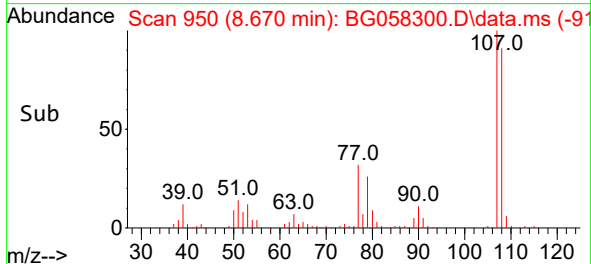
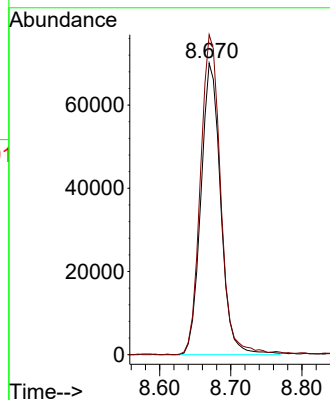
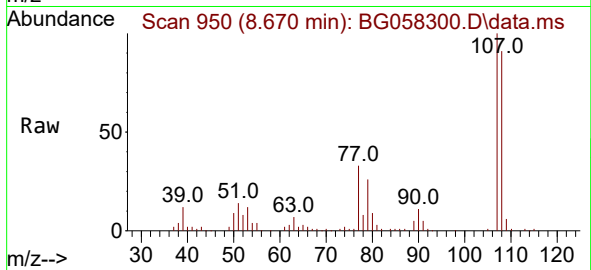




#18
4-Methylphenol
Concen: 40.745 ng/ul
RT: 8.670 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

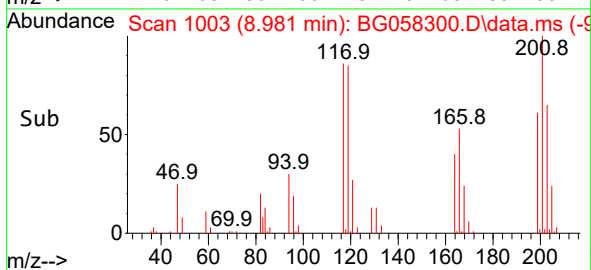
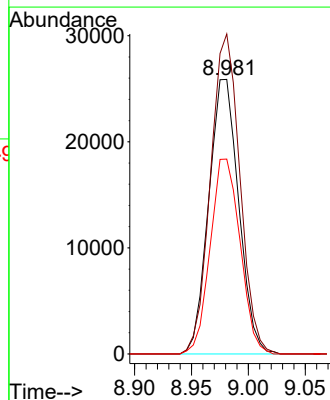
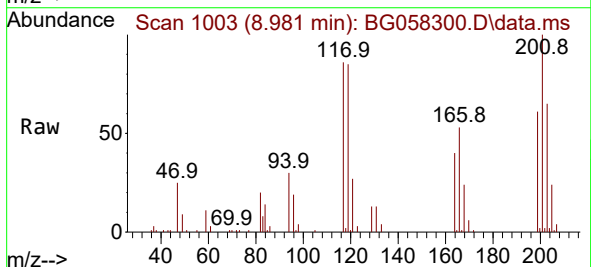
Instrument :
BNA_M
ClientSampleId :

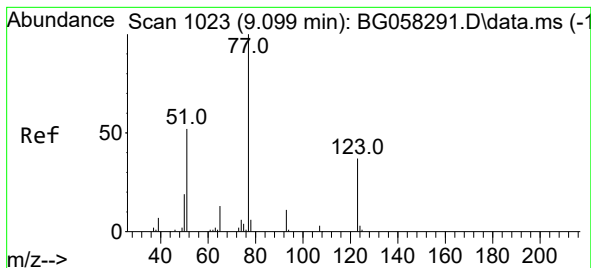
Tgt Ion:108 Resp: 135974
Ion Ratio Lower Upper
108 100
107 109.8 90.6 136.0



#19
Hexachloroethane
Concen: 43.307 ng/ul
RT: 8.981 min Scan# 1003
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:117 Resp: 47455
Ion Ratio Lower Upper
117 100
201 116.6 103.6 155.4
199 72.8 60.1 90.1





#22

Nitrobenzene

Concen: 45.141 ng/ul

RT: 9.104 min Scan# 1024

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

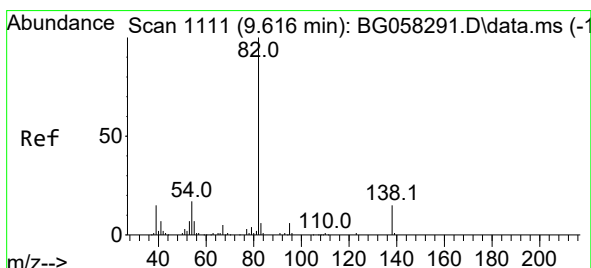
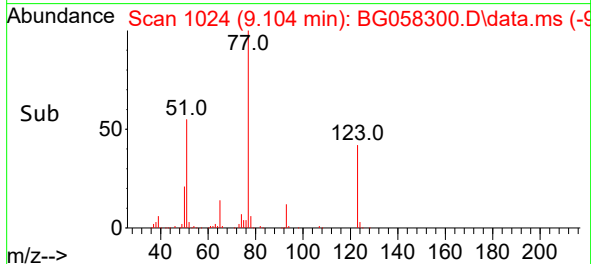
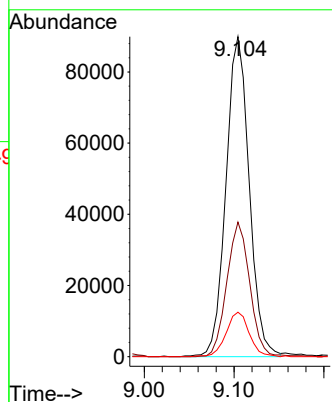
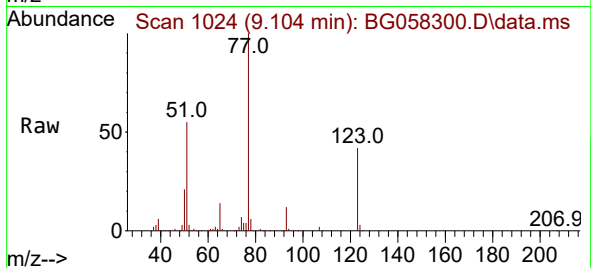
Tgt Ion: 77 Resp: 161706

Ion Ratio Lower Upper

77 100

123 42.0 34.0 51.0

65 13.9 11.0 16.6



#23

Isophorone

Concen: 41.514 ng/ul

RT: 9.621 min Scan# 1112

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

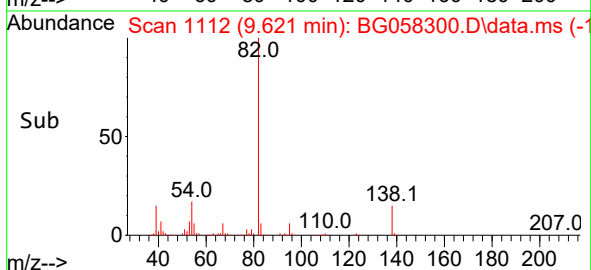
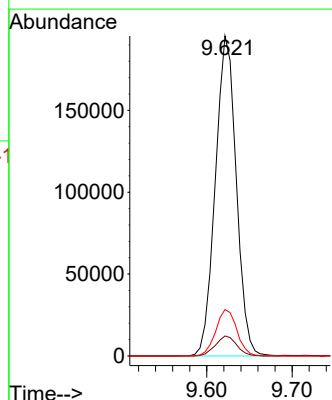
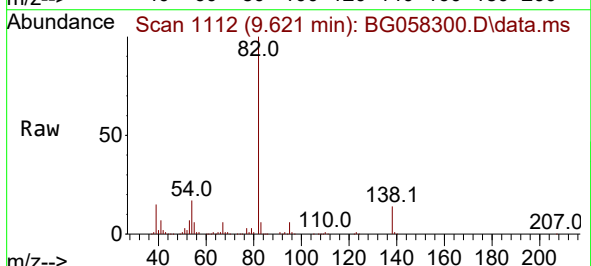
Tgt Ion: 82 Resp: 333414

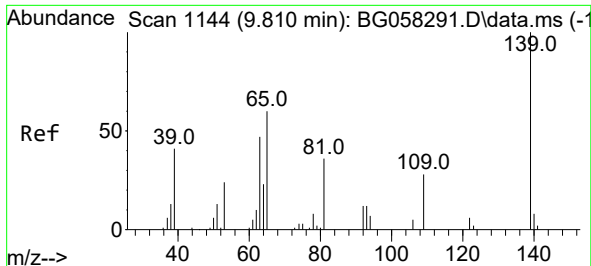
Ion Ratio Lower Upper

82 100

95 6.2 5.1 7.7

138 14.5 11.9 17.9

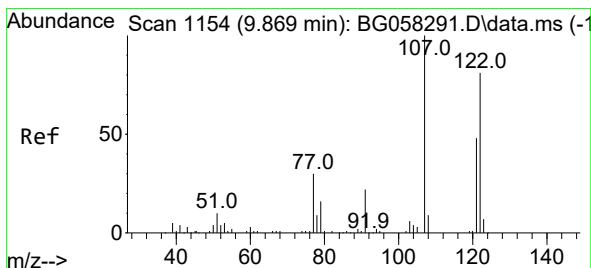
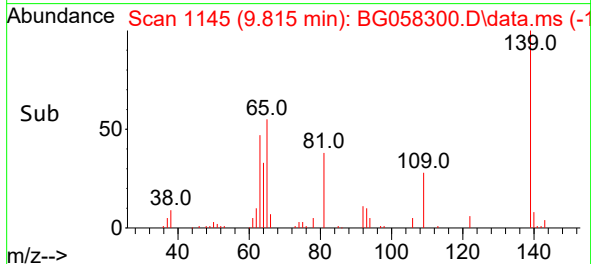
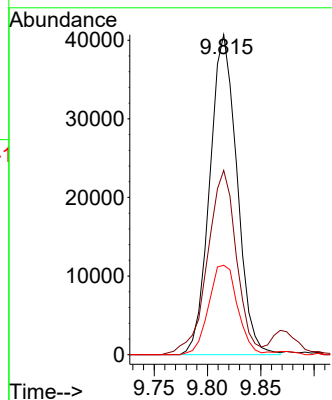
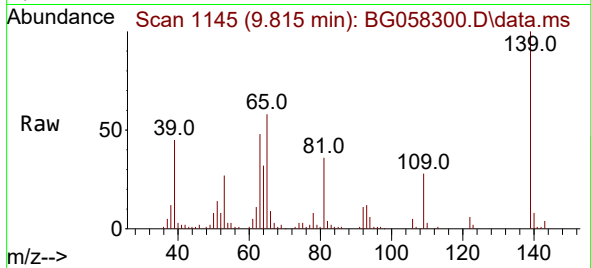




#25
2-Nitrophenol
Concen: 46.207 ng/ul
RT: 9.815 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

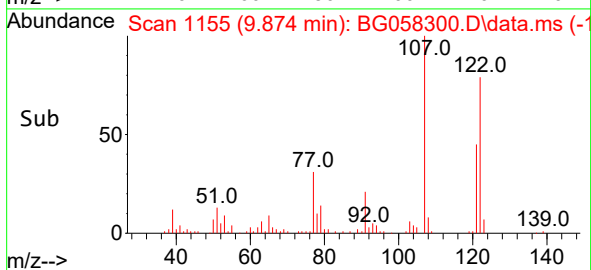
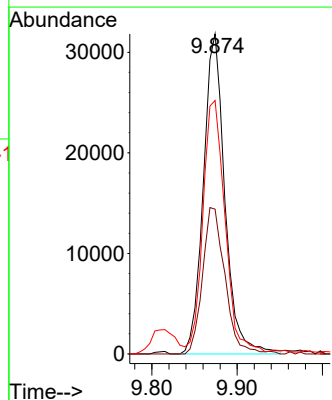
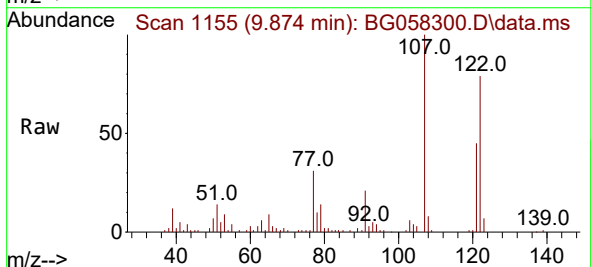
Instrument :
BNA_M
ClientSampleId :

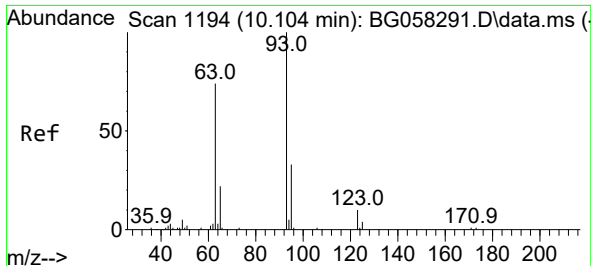
Tgt Ion:139 Resp: 72380
Ion Ratio Lower Upper
139 100
65 57.6 49.2 73.8
109 27.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 15.980 ng/ul
RT: 9.874 min Scan# 1155
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:107 Resp: 55812
Ion Ratio Lower Upper
107 100
121 45.2 39.1 58.7
122 79.2 68.9 103.3





#27

Bis(2-Chloroethoxy)methane

Concen: 43.115 ng/ul

RT: 10.109 min Scan# 1195

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

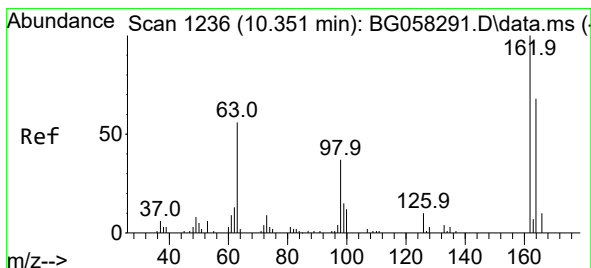
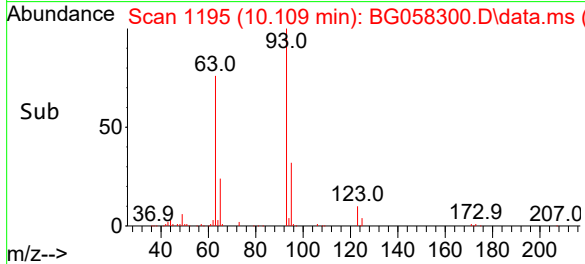
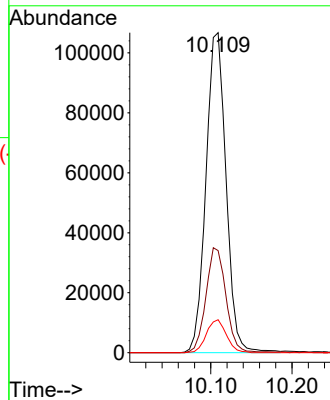
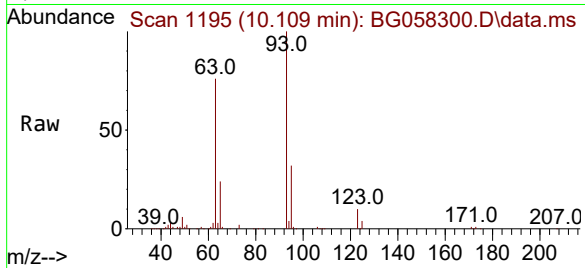
Tgt Ion: 93 Resp: 183385

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

123 10.3 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 44.967 ng/ul

RT: 10.350 min Scan# 1236

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

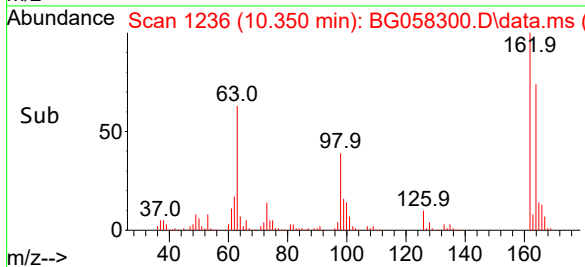
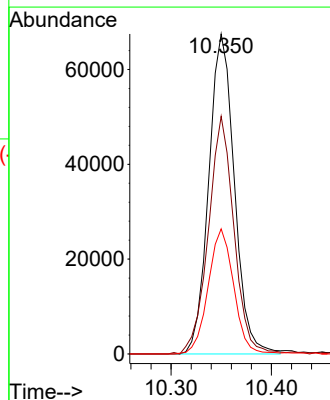
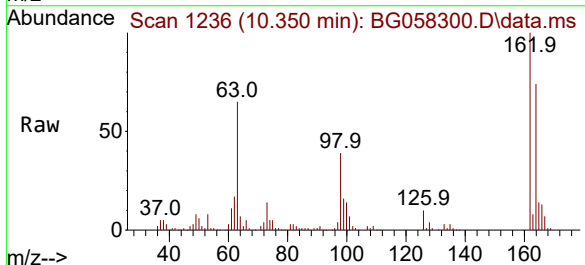
Tgt Ion:162 Resp: 119981

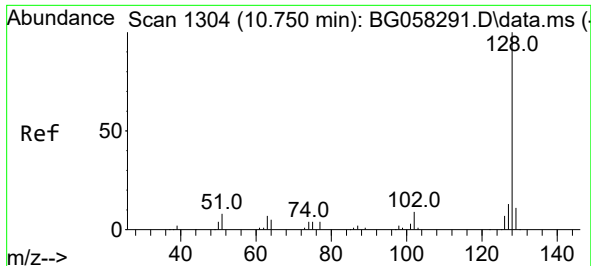
Ion Ratio Lower Upper

162 100

164 74.3 58.4 87.6

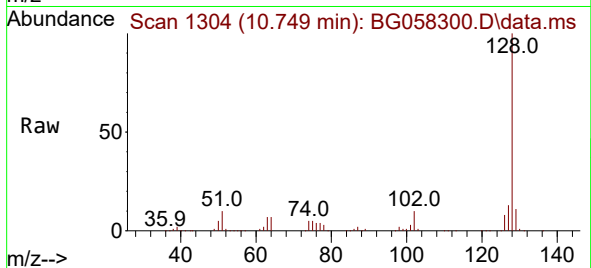
98 39.1 29.6 44.4



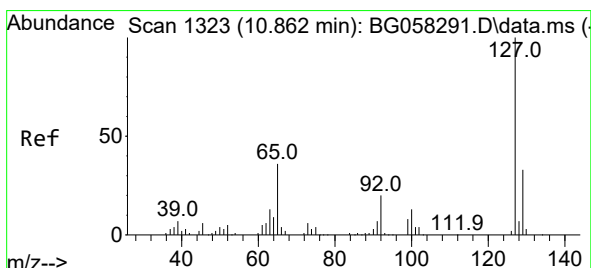
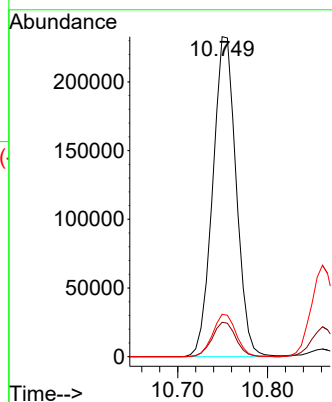
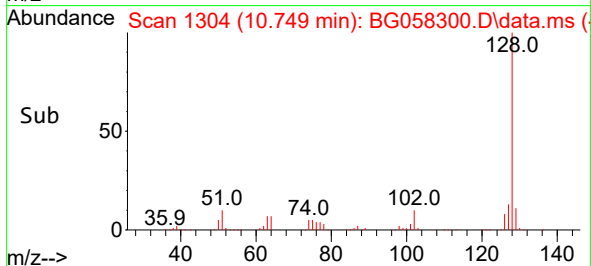


#30
Naphthalene
Concen: 44.041 ng/ul
RT: 10.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Instrument :
BNA_M
ClientSampleId :

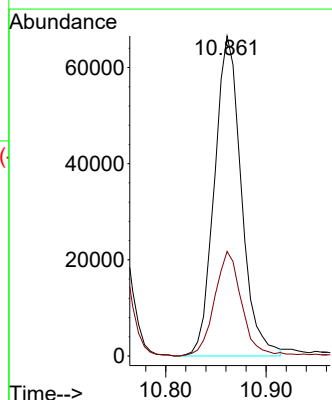
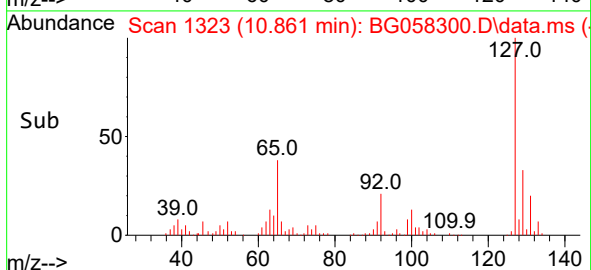
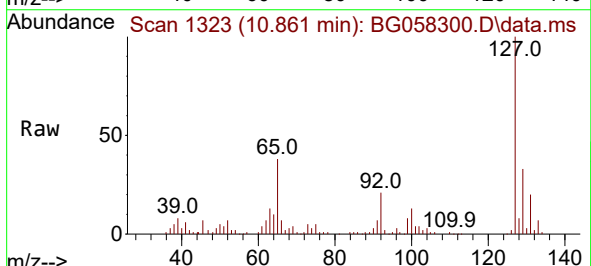


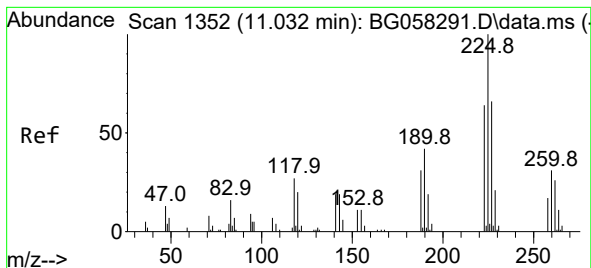
Tgt Ion:128 Resp: 421867
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.8 16.2



#32
4-Chloroaniline
Concen: 29.752 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:127 Resp: 123924
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 46.017 ng/ul

RT: 11.031 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

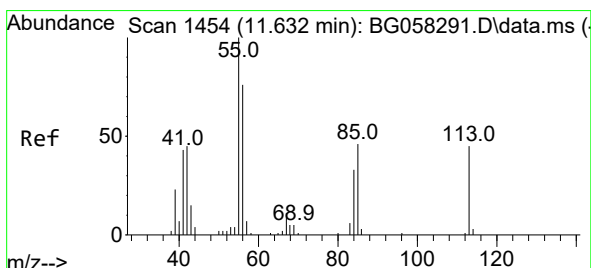
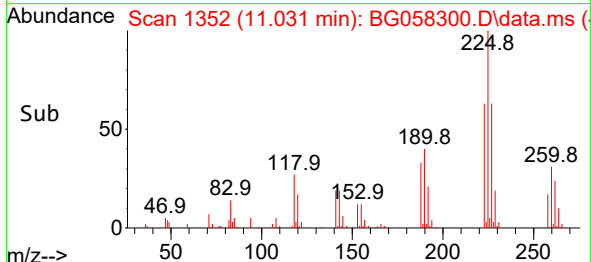
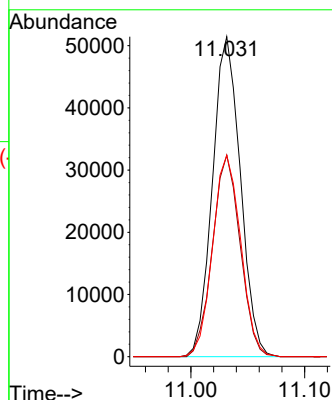
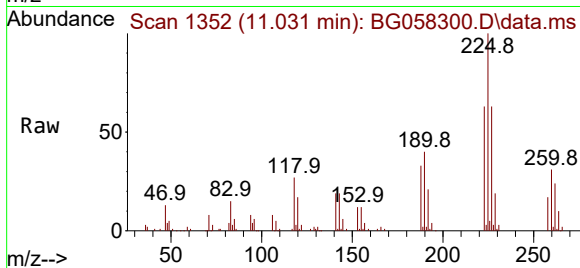
Tgt Ion:225 Resp: 87798

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

227 62.9 53.2 79.8



#34

Caprolactam

Concen: 24.011 ng/ul

RT: 11.619 min Scan# 1452

Delta R.T. -0.017 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

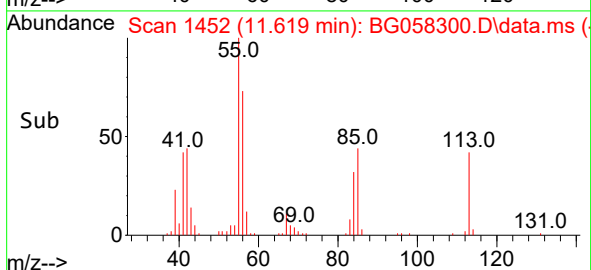
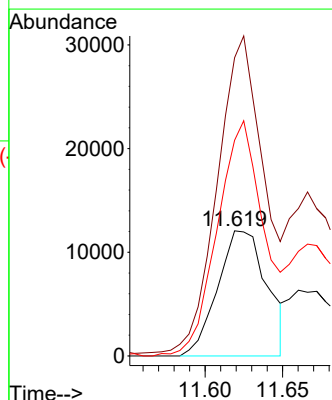
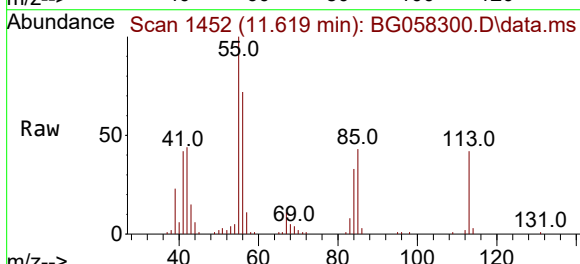
Tgt Ion:113 Resp: 26609

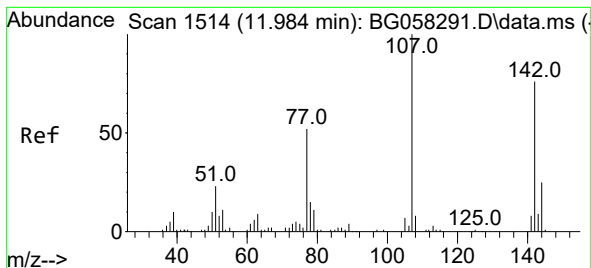
Ion Ratio Lower Upper

113 100

55 238.2 179.8 269.6

56 172.3 132.2 198.4

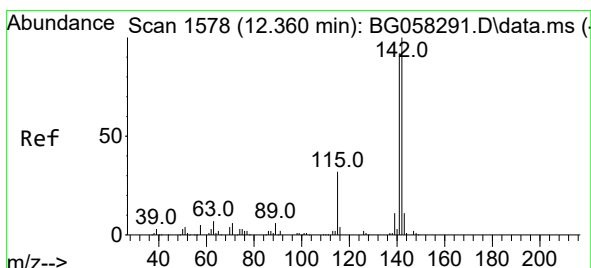
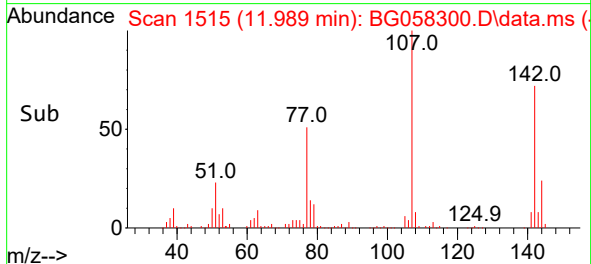
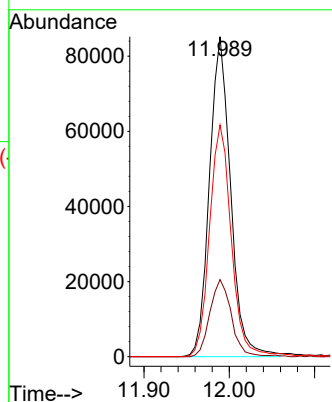
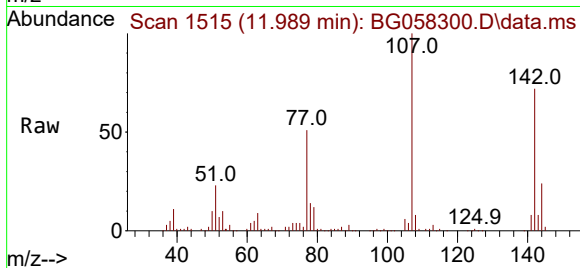




#35
 4-Chloro-3-methylphenol
 Concen: 43.218 ng/ul
 RT: 11.989 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG058300.D
 Acq: 18 Jul 2023 14:16

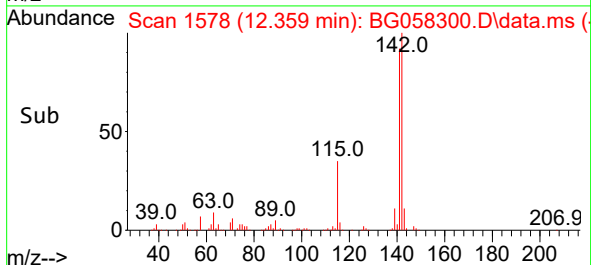
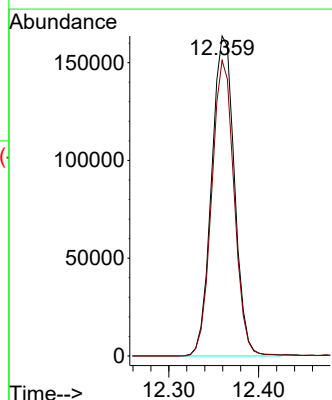
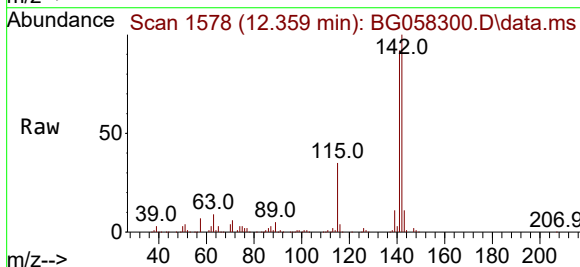
Instrument :
 BNA_M
 ClientSampleId :

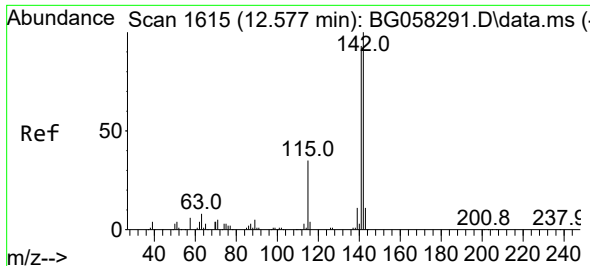
Tgt Ion:107 Resp: 146753
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.0 28.6
 142 72.4 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 44.932 ng/ul
 RT: 12.359 min Scan# 1578
 Delta R.T. 0.001 min
 Lab File: BG058300.D
 Acq: 18 Jul 2023 14:16

Tgt Ion:142 Resp: 288358
 Ion Ratio Lower Upper
 142 100
 141 92.4 72.6 108.8

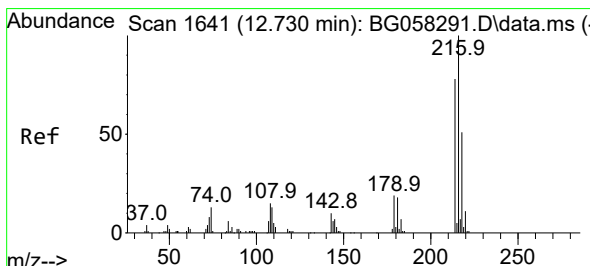
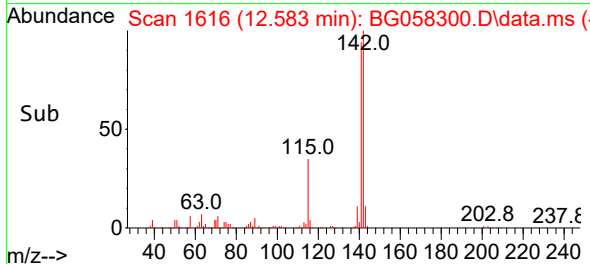
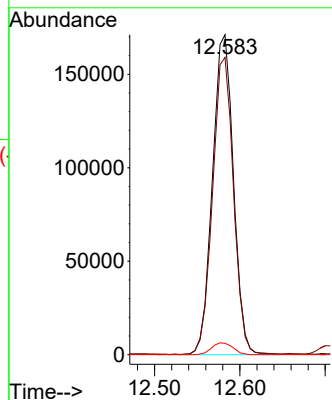
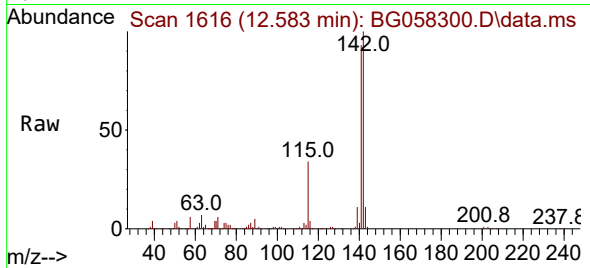




#37
1-Methylnaphthalene
Concen: 44.445 ng/ul
RT: 12.583 min Scan# 1615
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

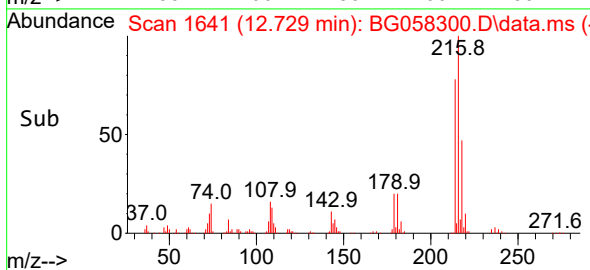
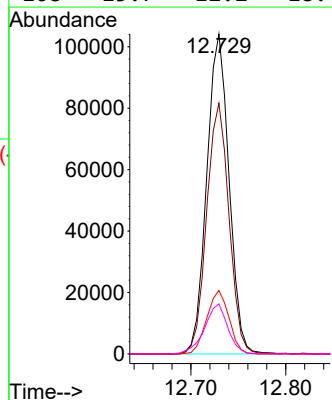
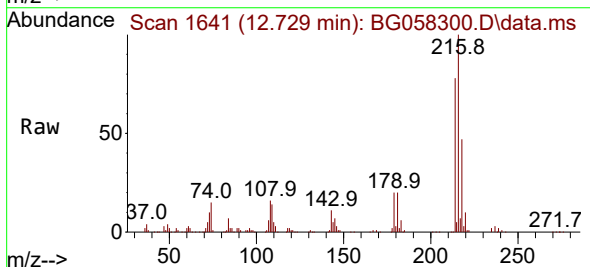
Instrument :
BNA_M
ClientSampleId :

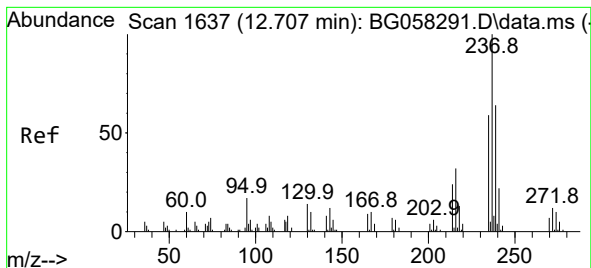
Tgt Ion:142 Resp: 292337
Ion Ratio Lower Upper
142 100
141 92.9 75.8 113.6
116 3.5 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.082 ng/ul
RT: 12.729 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:216 Resp: 169659
Ion Ratio Lower Upper
216 100
214 78.3 62.2 93.4
179 19.9 16.2 24.2
108 15.7 12.2 18.4





#40

Hexachlorocyclopentadiene

Concen: 36.481 ng/ul

RT: 12.706 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

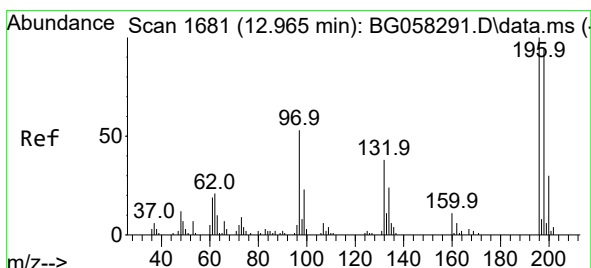
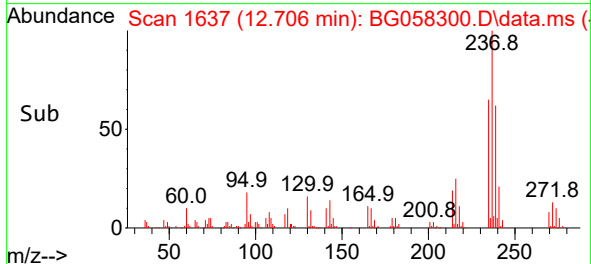
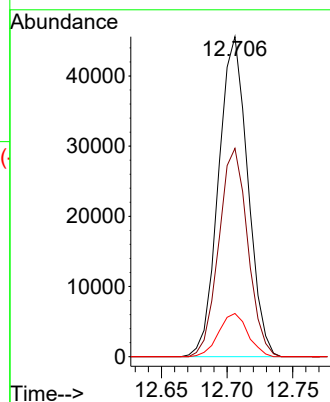
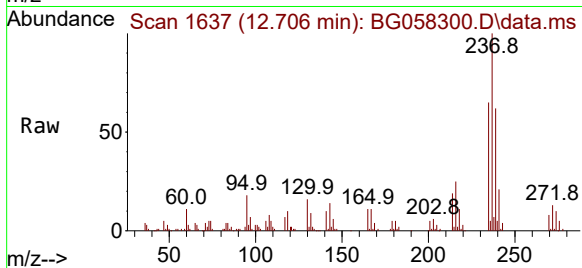
Tgt Ion:237 Resp: 70704

Ion Ratio Lower Upper

237 100

235 65.1 50.9 76.3

272 13.5 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 45.072 ng/ul

RT: 12.970 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

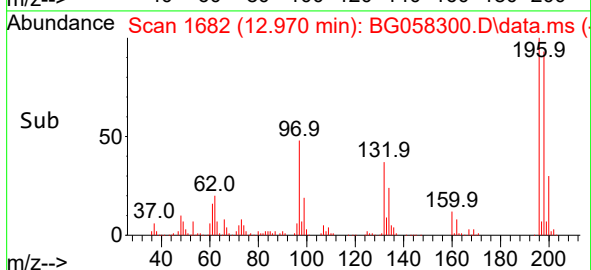
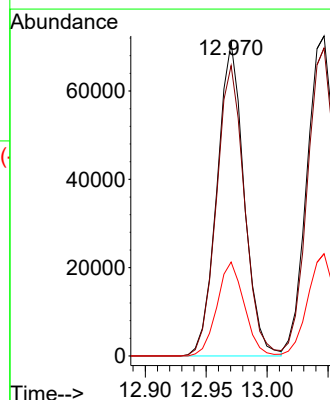
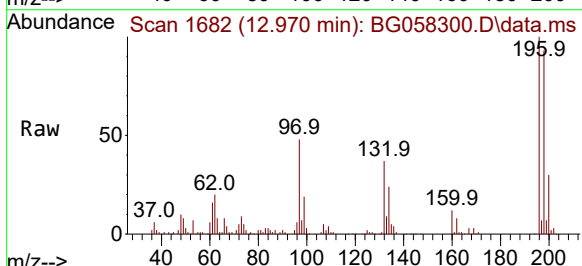
Tgt Ion:196 Resp: 109947

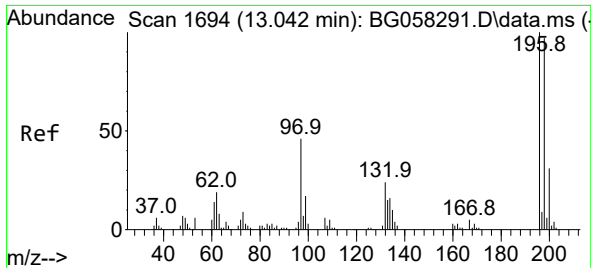
Ion Ratio Lower Upper

196 100

198 92.5 77.7 116.5

200 29.9 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 46.146 ng/ul

RT: 13.047 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

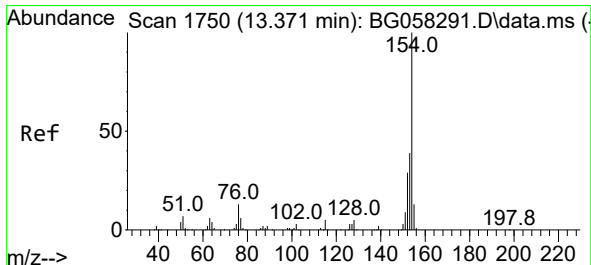
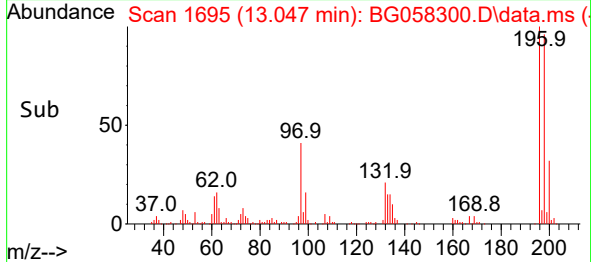
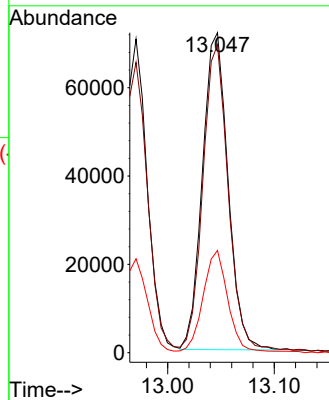
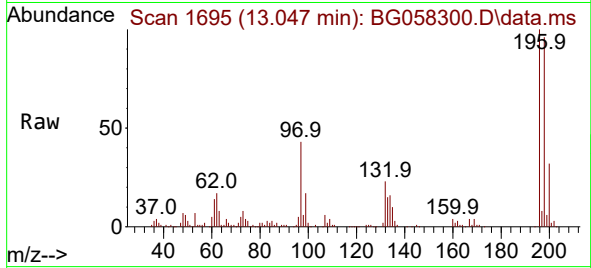
Tgt Ion:196 Resp: 120034

Ion Ratio Lower Upper

196 100

198 96.3 74.8 112.2

200 31.9 24.4 36.6



#43

1,1'-Biphenyl

Concen: 45.145 ng/ul

RT: 13.370 min Scan# 1750

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

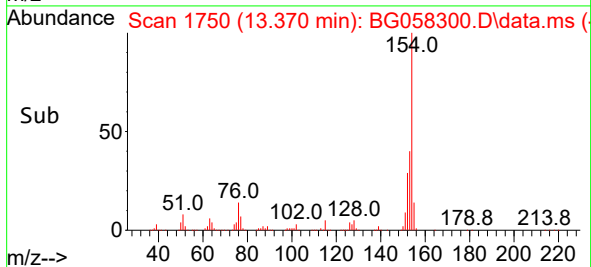
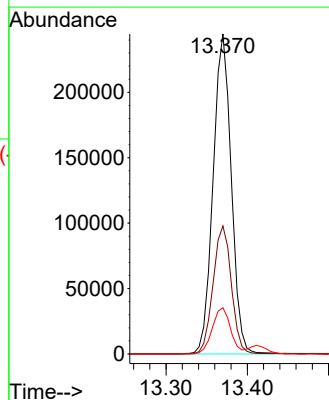
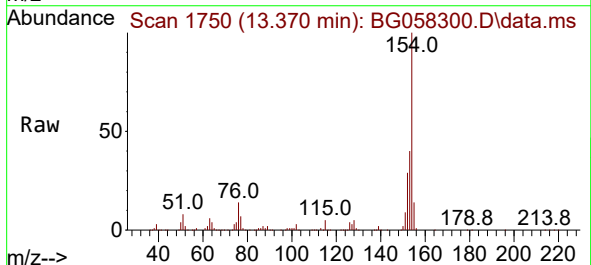
Tgt Ion:154 Resp: 380002

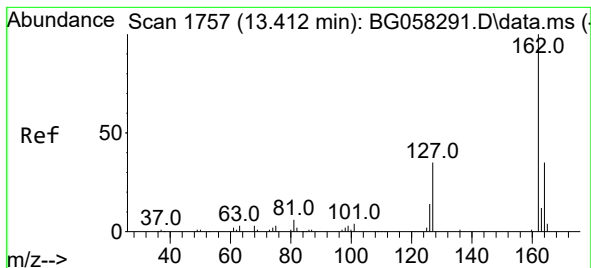
Ion Ratio Lower Upper

154 100

153 40.0 31.8 47.6

76 14.5 11.7 17.5





#44

2-Chloronaphthalene

Concen: 46.436 ng/ul

RT: 13.411 min Scan# 1

Delta R.T. -0.005 min

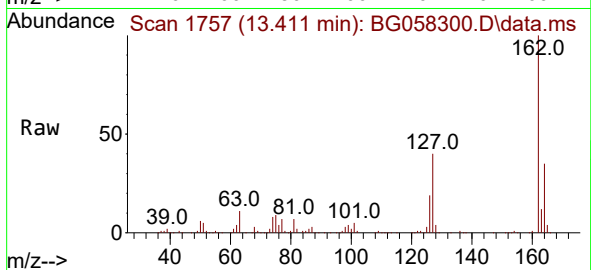
Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :



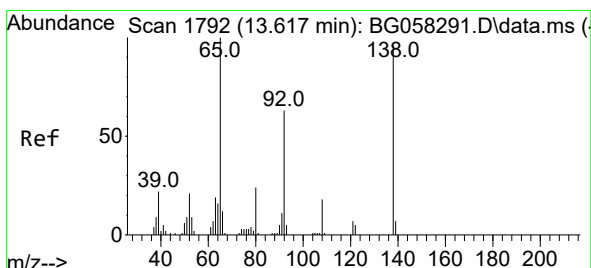
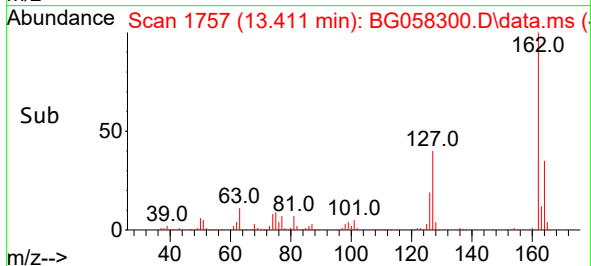
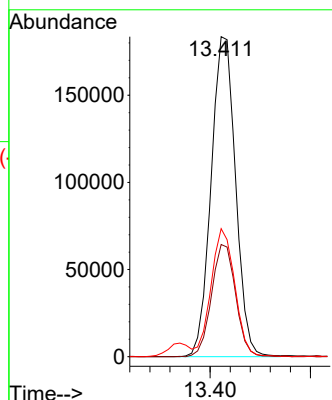
Tgt Ion:162 Resp: 310773

Ion Ratio Lower Upper

162 100

164 35.1 26.2 39.2

127 40.0 29.8 44.6



#45

2-Nitroaniline

Concen: 47.372 ng/ul

RT: 13.617 min Scan# 1792

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

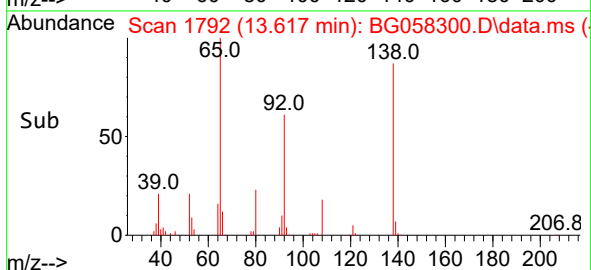
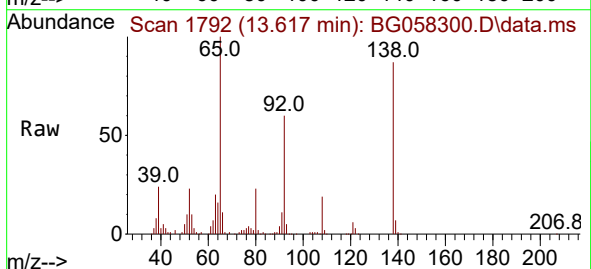
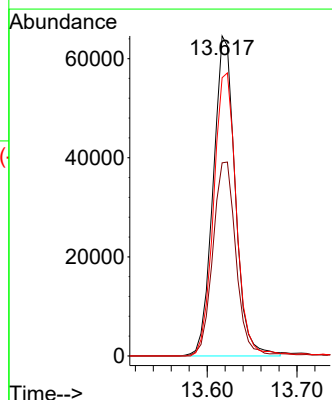
Tgt Ion: 65 Resp: 110125

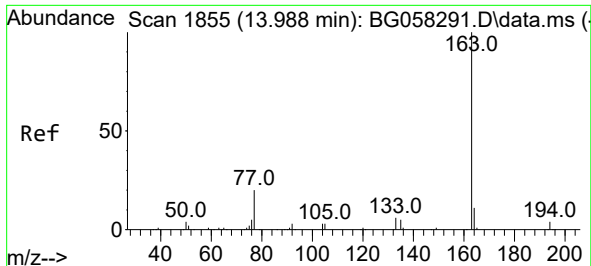
Ion Ratio Lower Upper

65 100

92 60.4 51.4 77.2

138 86.9 71.6 107.4

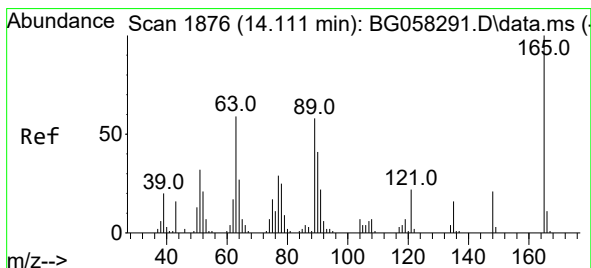
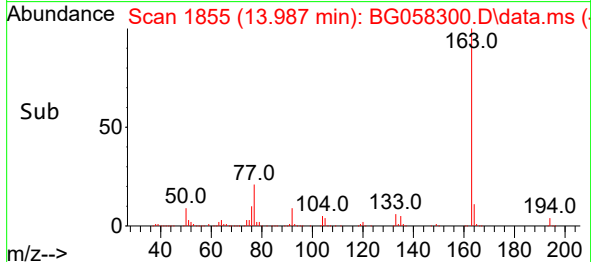
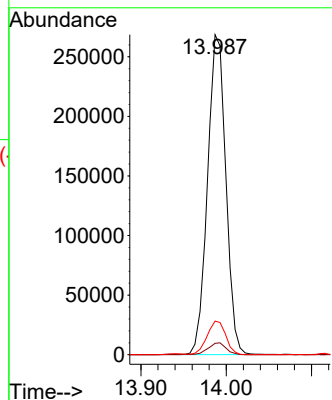
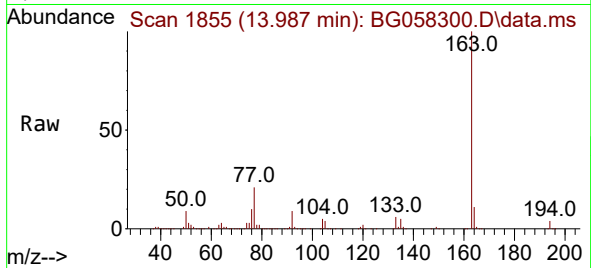




#47
Dimethylphthalate
Concen: 41.514 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

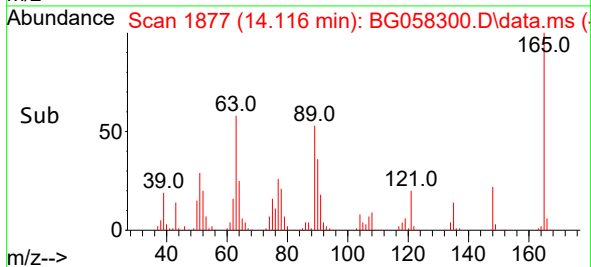
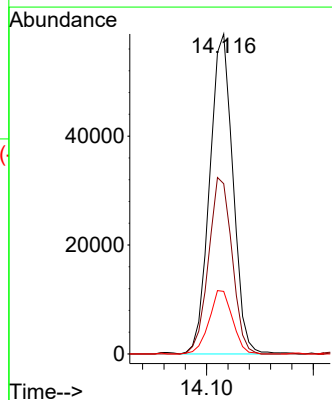
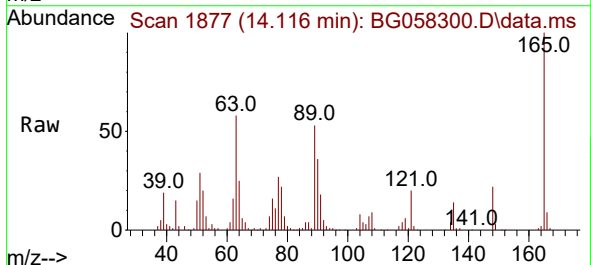
Instrument :
BNA_M
ClientSampleId :

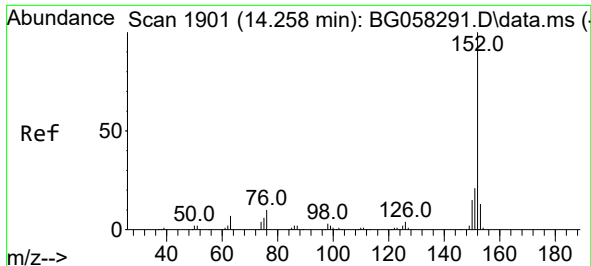
Tgt Ion:163 Resp: 400265
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.5 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 47.686 ng/ul
RT: 14.116 min Scan# 1877
Delta R.T. 0.007 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

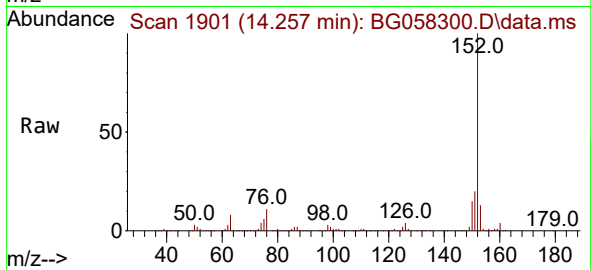
Tgt Ion:165 Resp: 88847
Ion Ratio Lower Upper
165 100
89 53.2 48.9 73.3
121 19.6 16.2 24.4



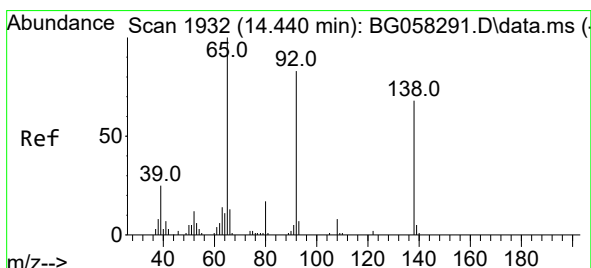
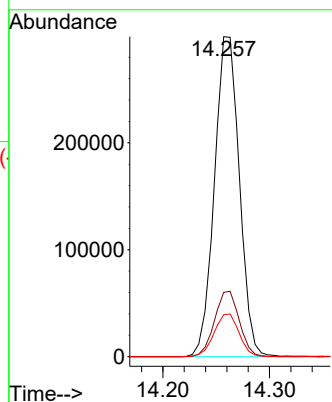
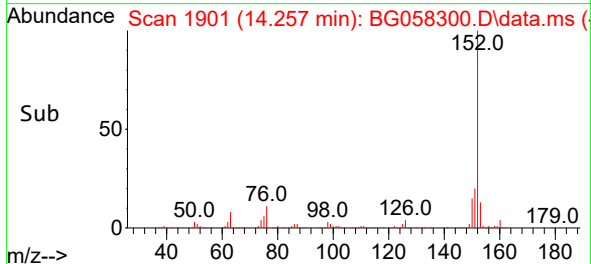


#50
Acenaphthylene
Concen: 44.730 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Instrument :
BNA_M
ClientSampleId :

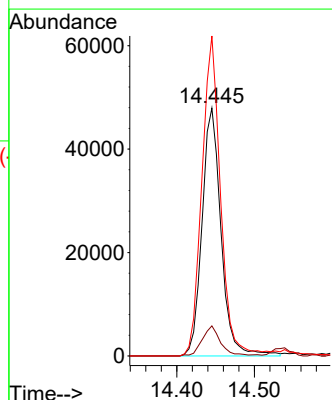
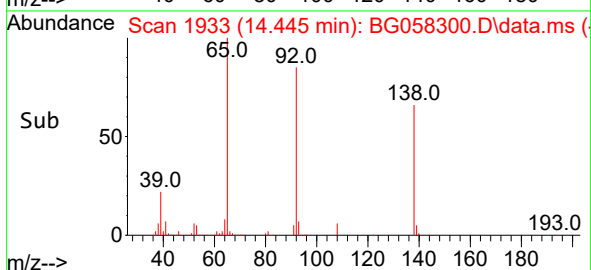
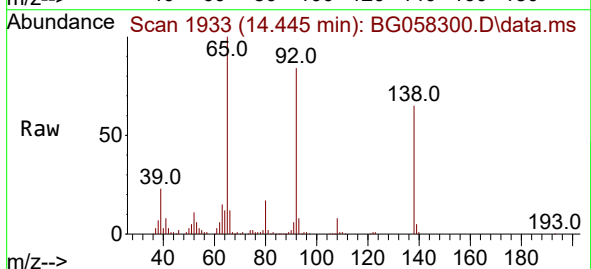


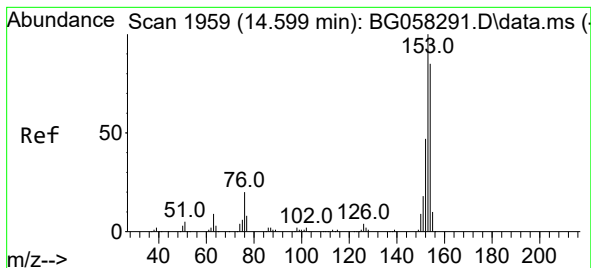
Tgt Ion:152 Resp: 485695
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 52.629 ng/ul
RT: 14.445 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:138 Resp: 81717
Ion Ratio Lower Upper
138 100
108 12.1 8.6 13.0
92 129.1 108.4 162.6





#52

Acenaphthene

Concen: 45.073 ng/ul

RT: 14.604 min Scan# 1960

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

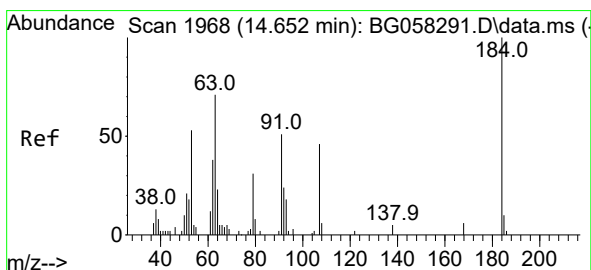
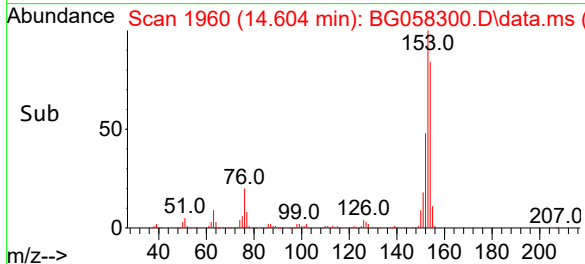
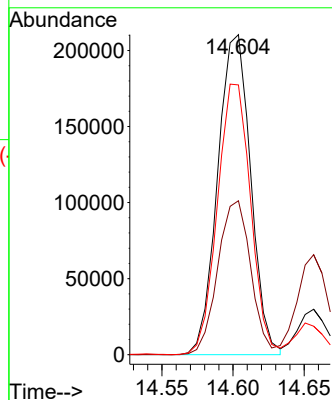
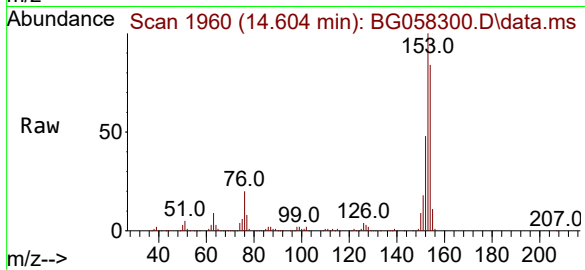
Tgt Ion:153 Resp: 339806

Ion Ratio Lower Upper

153 100

152 48.1 39.1 58.7

154 84.3 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 46.235 ng/ul

RT: 14.651 min Scan# 1968

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

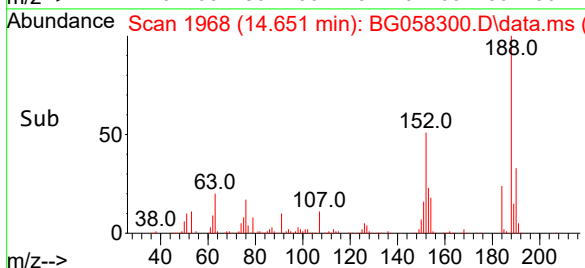
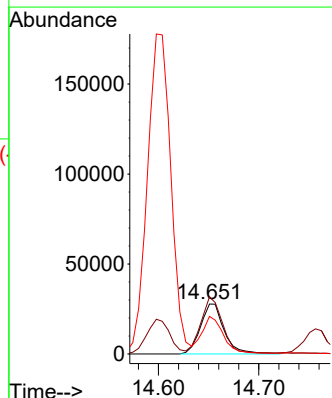
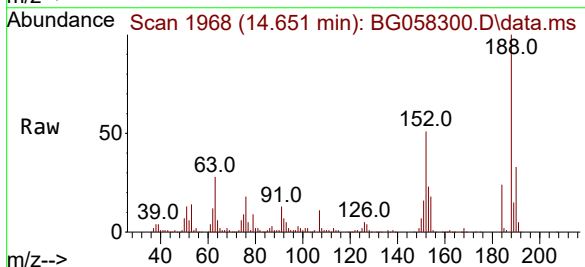
Tgt Ion:184 Resp: 45846

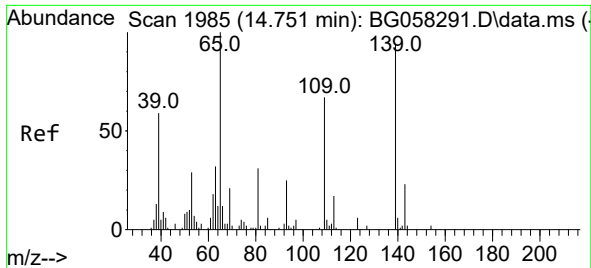
Ion Ratio Lower Upper

184 100

63 114.2 52.9 79.3#

154 75.2 47.8 71.8#

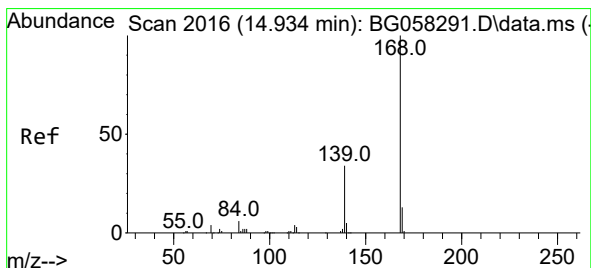
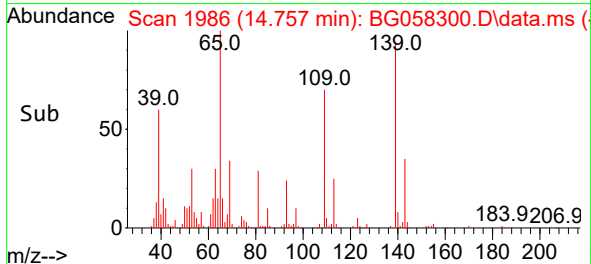
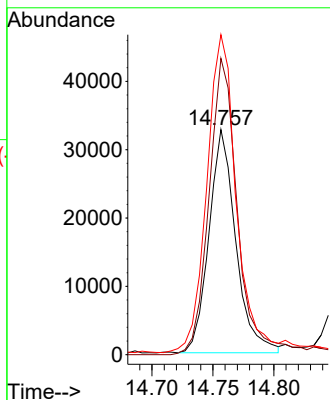
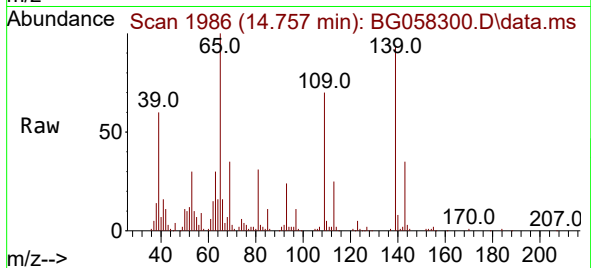




#55
4-Nitrophenol
Concen: 44.904 ng/ul
RT: 14.757 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

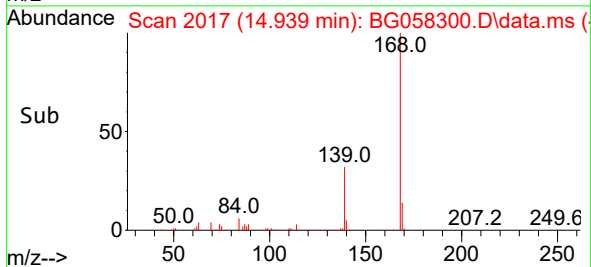
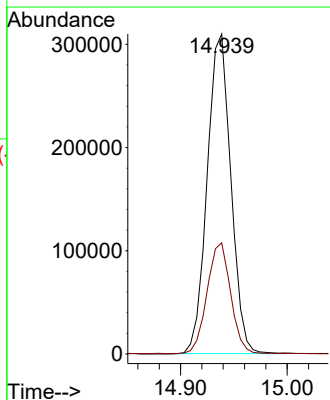
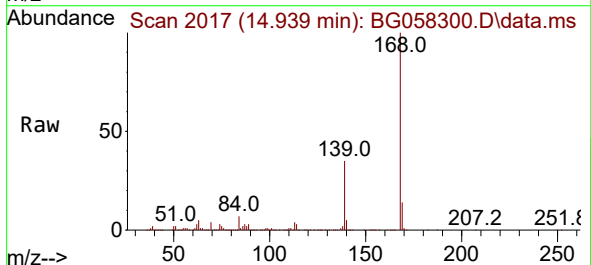
Instrument :
BNA_M
ClientSampleId :

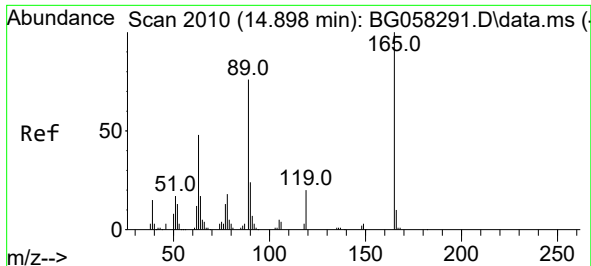
Tgt Ion	Ratio	Lower	Upper
109	100		
139	131.7	100.3	150.5
65	142.2	120.6	180.8



#56
Dibenzofuran
Concen: 44.464 ng/ul
RT: 14.939 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.8	41.8





#57

2,4-Dinitrotoluene

Concen: 45.770 ng/ul

RT: 14.903 min Scan# 2011

Delta R.T. 0.001 min

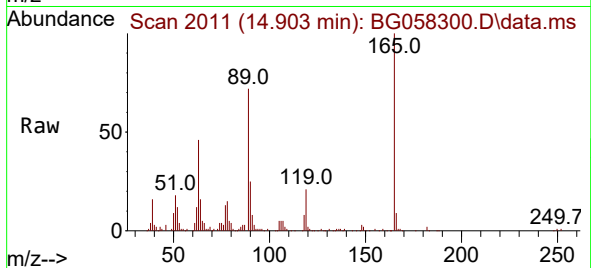
Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :



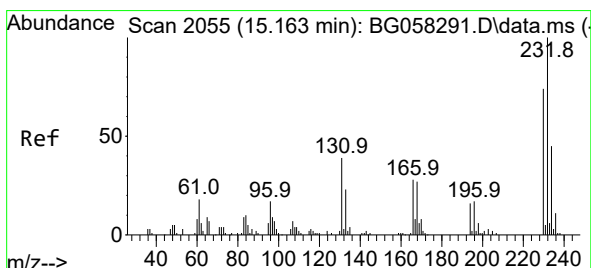
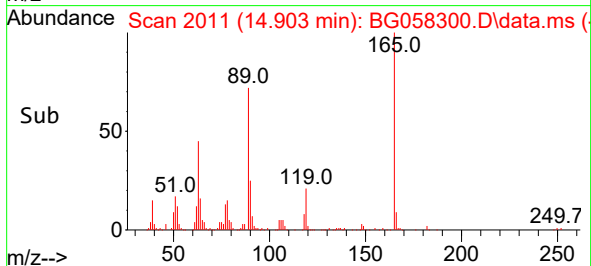
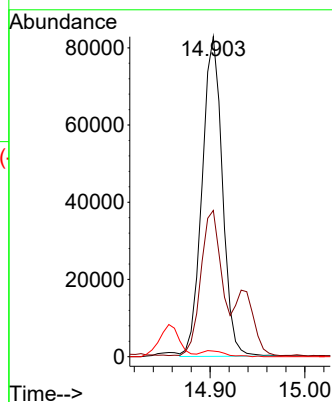
Tgt Ion:165 Resp: 122997

Ion Ratio Lower Upper

165 100

63 45.7 33.8 50.6

182 1.8 1.2 1.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.025 ng/ul

RT: 15.162 min Scan# 2055

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Tgt Ion:232 Resp: 100996

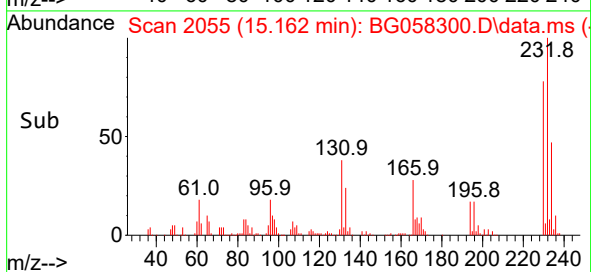
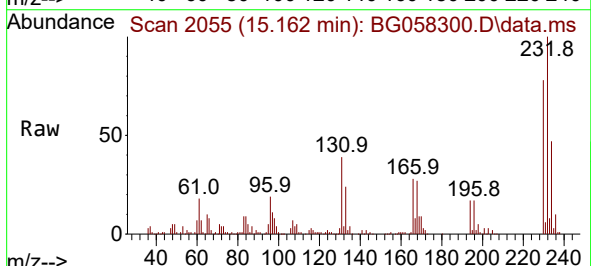
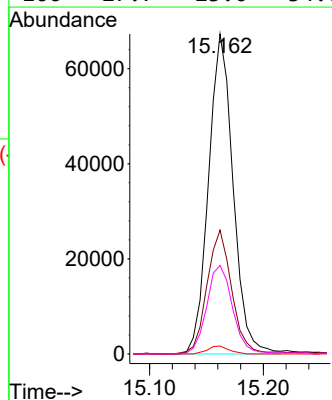
Ion Ratio Lower Upper

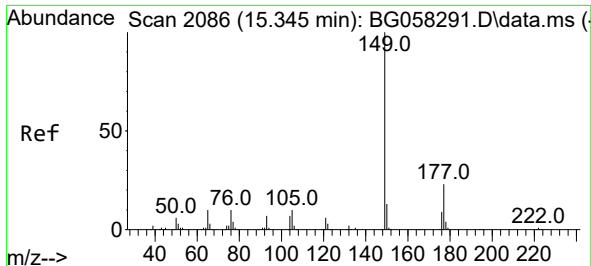
232 100

131 38.7 29.0 43.6

130 2.5 1.1 1.7#

166 27.7 23.0 34.6

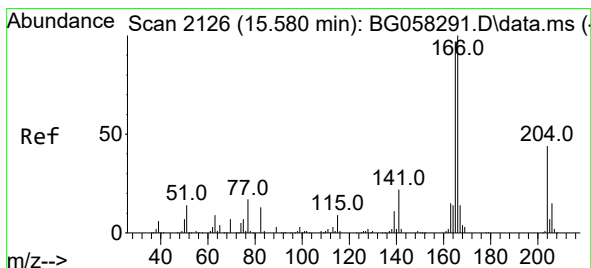
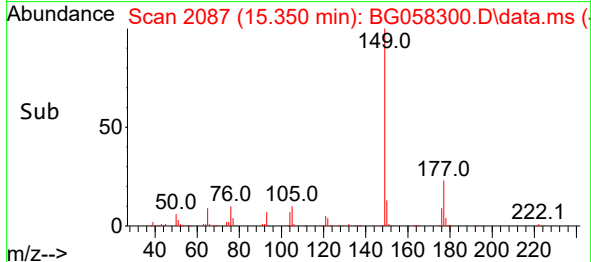
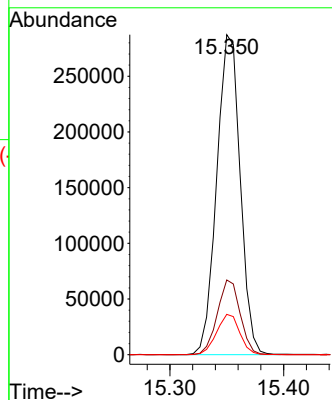
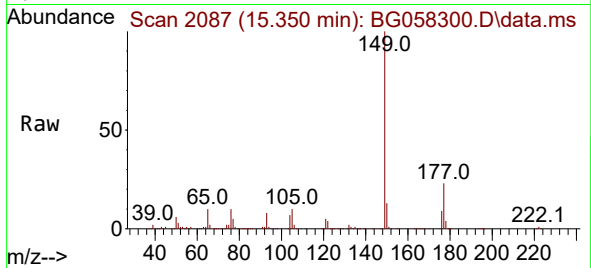




#59
Diethylphthalate
Concen: 41.498 ng/ul
RT: 15.350 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

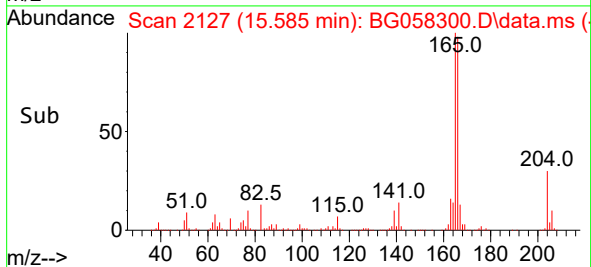
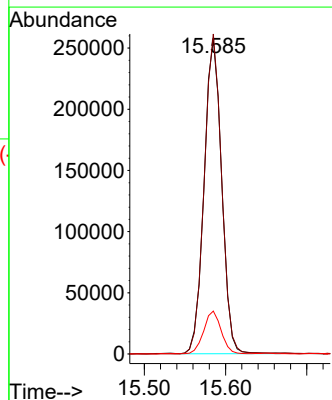
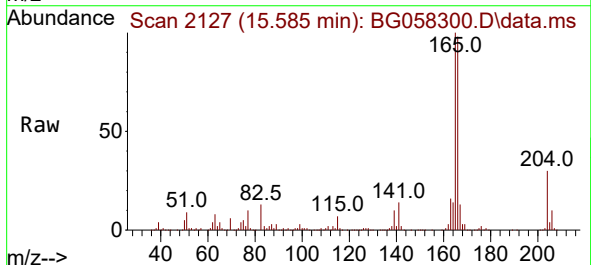
Instrument :
BNA_M
ClientSampleId :

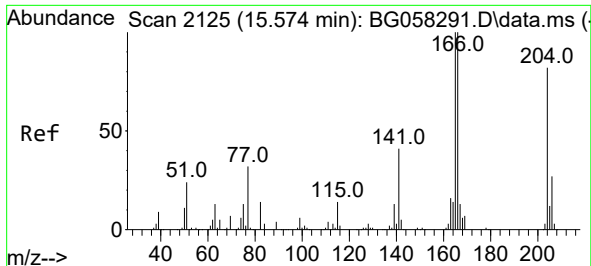
Tgt Ion:149 Resp: 412193
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.6 10.0 15.0



#61
Fluorene
Concen: 43.768 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:166 Resp: 385294
Ion Ratio Lower Upper
166 100
165 101.8 80.2 120.2
167 13.6 10.5 15.7

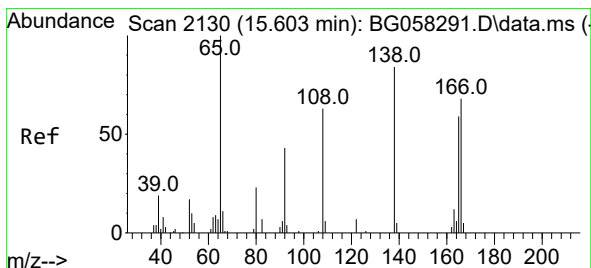
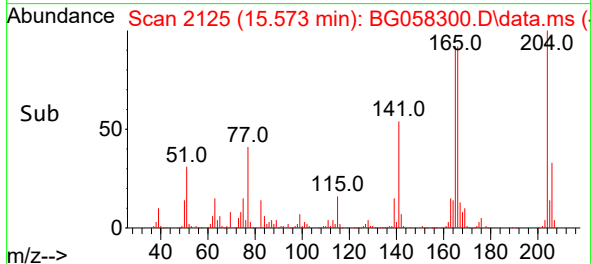
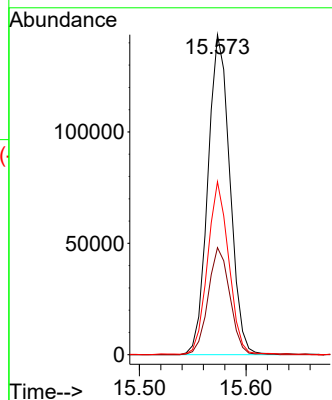
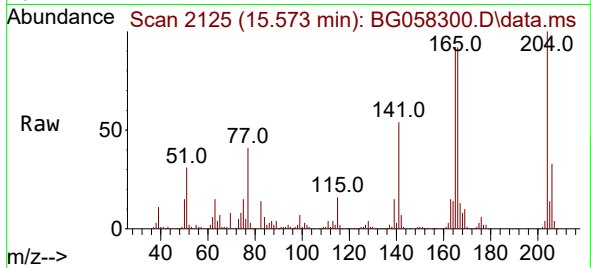




#62
4-Chlorophenyl-phenylether
Concen: 44.073 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

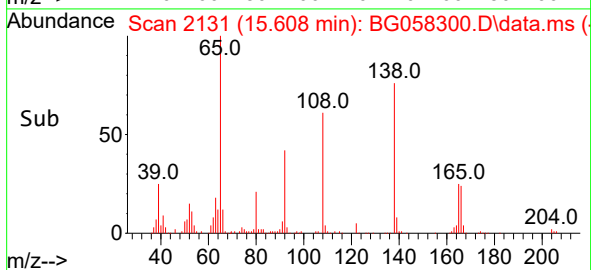
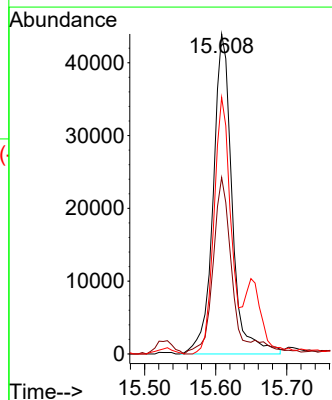
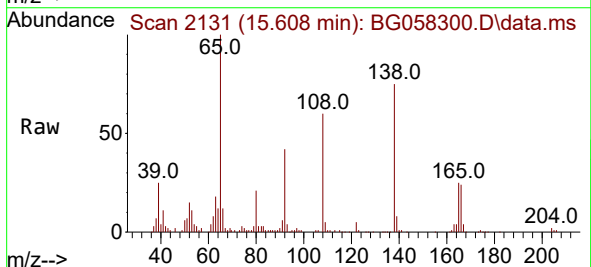
Instrument :
BNA_M
ClientSampleId :

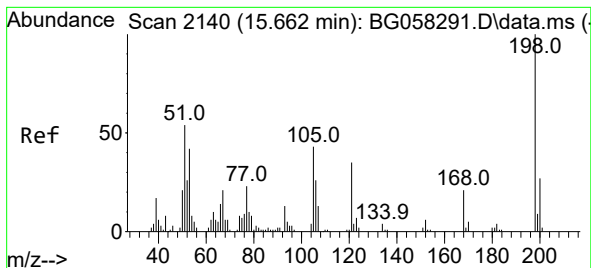
Tgt Ion:204 Resp: 205971
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 54.1 42.2 63.2



#63
4-Nitroaniline
Concen: 57.924 ng/ul
RT: 15.608 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

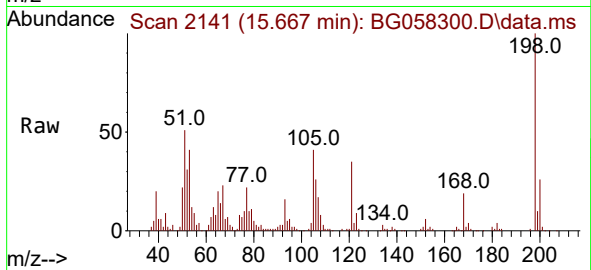
Tgt Ion:138 Resp: 81381
Ion Ratio Lower Upper
138 100
92 55.2 45.0 67.4
108 80.2 60.8 91.2



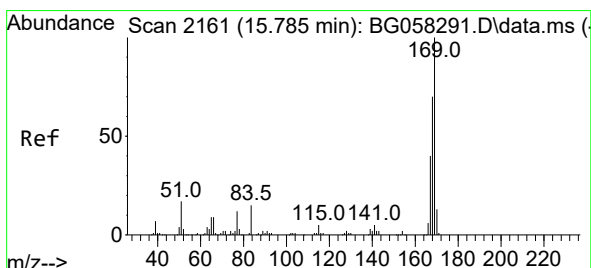
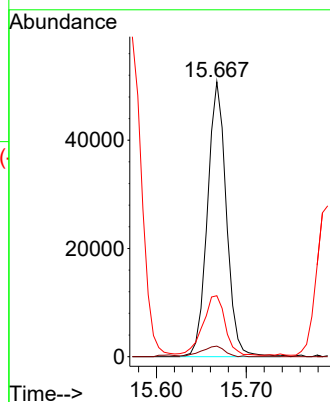
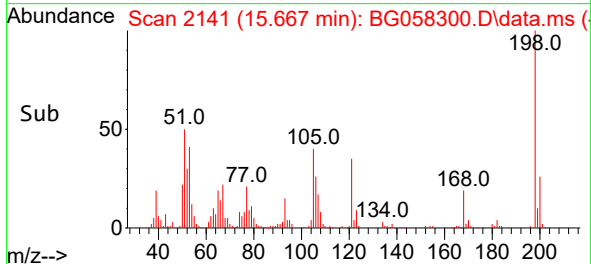


#66
 4,6-Dinitro-2-methylphenol
 Concen: 49.105 ng/ul
 RT: 15.667 min Scan# 2141
 Delta R.T. 0.001 min
 Lab File: BG058300.D
 Acq: 18 Jul 2023 14:16

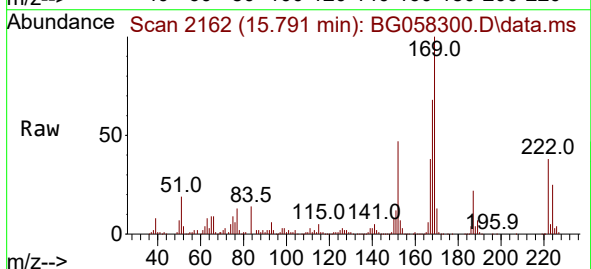
Instrument :
 BNA_M
 ClientSampleId :



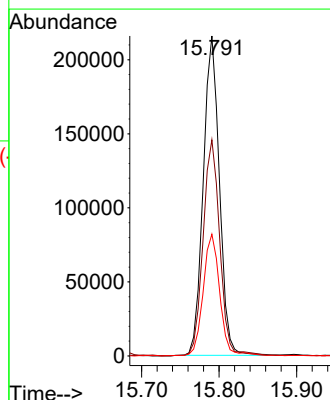
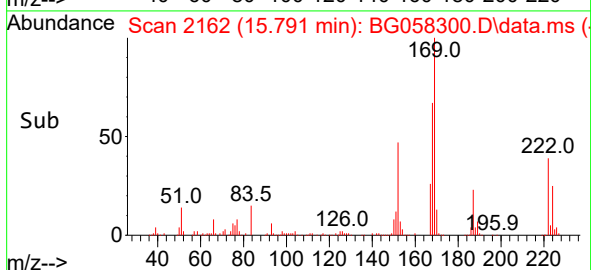
Tgt Ion:198 Resp: 74100
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.4 5.2
 77 22.2 18.4 27.6

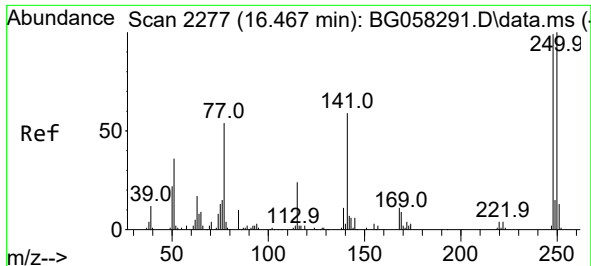


#67
 N-Nitrosodiphenylamine
 Concen: 43.733 ng/ul
 RT: 15.791 min Scan# 2162
 Delta R.T. 0.001 min
 Lab File: BG058300.D
 Acq: 18 Jul 2023 14:16



Tgt Ion:169 Resp: 312084
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.7 83.5
 167 38.0 31.2 46.8

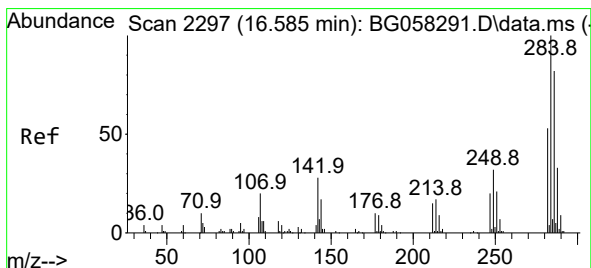
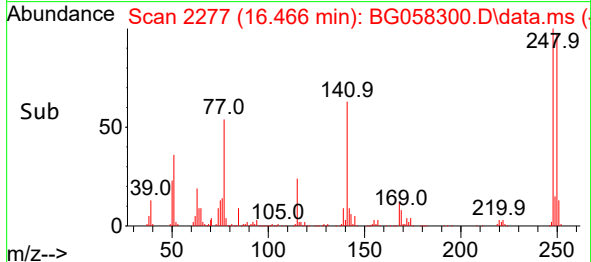
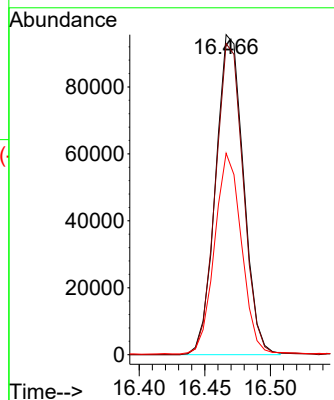
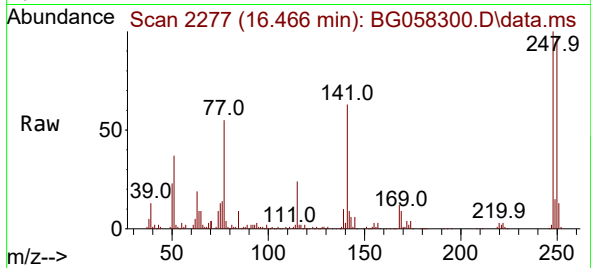




#68
4-Bromophenyl-phenylether
Concen: 46.309 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

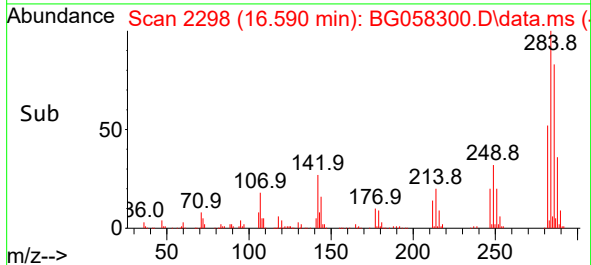
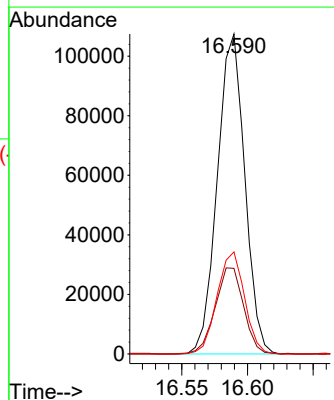
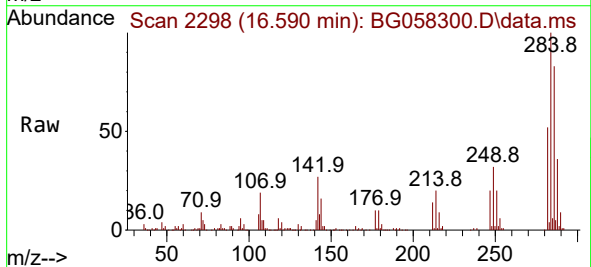
Instrument :
BNA_M
ClientSampleId :

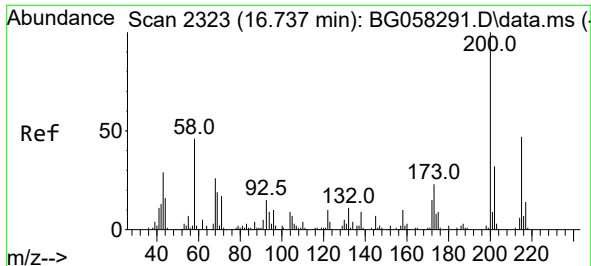
Tgt Ion:248 Resp: 141208
Ion Ratio Lower Upper
248 100
250 97.2 73.8 110.6
141 62.9 48.2 72.2



#69
Hexachlorobenzene
Concen: 45.384 ng/ul
RT: 16.590 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

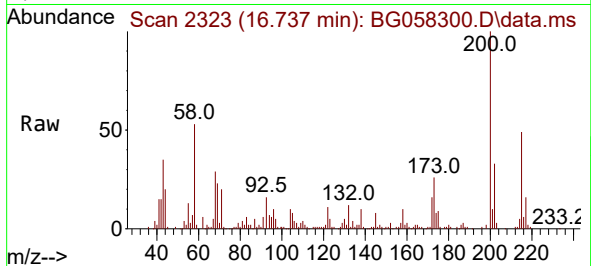
Tgt Ion:284 Resp: 156156
Ion Ratio Lower Upper
284 100
142 26.8 20.5 30.7
249 31.9 25.2 37.8



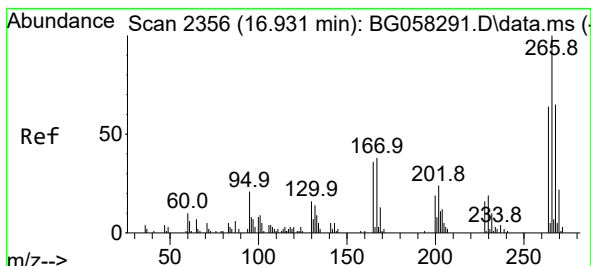
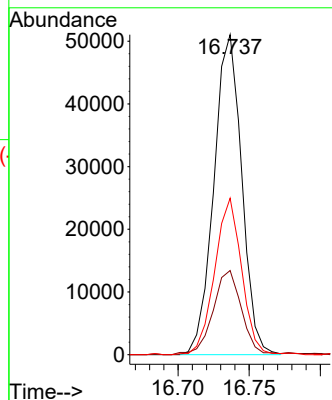
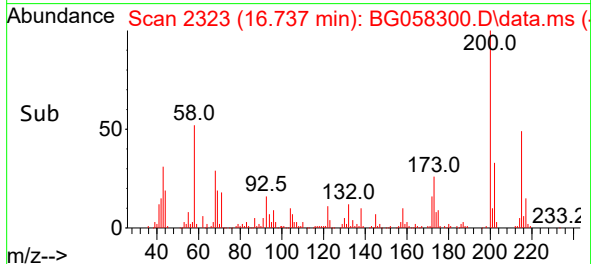


#70
 Atrazine
 Concen: 24.837 ng/ul
 RT: 16.737 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058300.D
 Acq: 18 Jul 2023 14:16

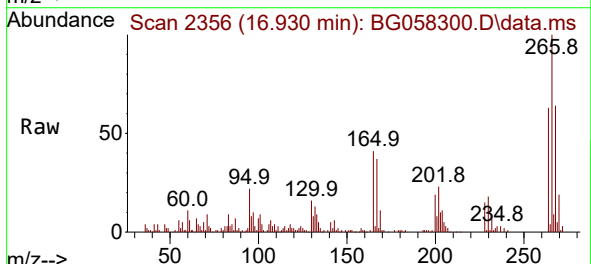
Instrument :
 BNA_M
 ClientSampleId :



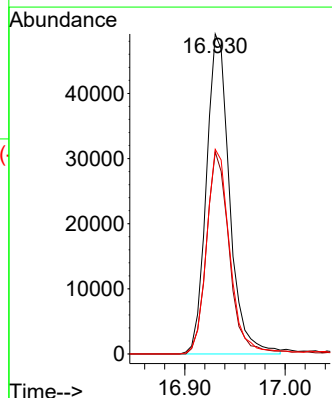
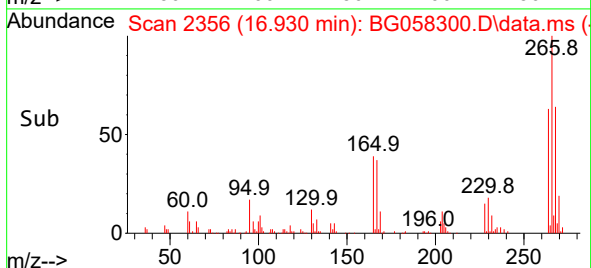
Tgt Ion:200 Resp: 69490
 Ion Ratio Lower Upper
 200 100
 173 26.3 19.8 29.8
 215 48.9 36.2 54.4

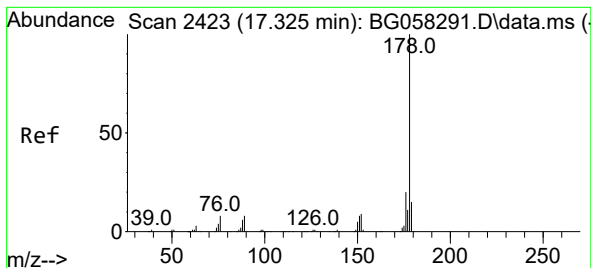


#71
 Pentachlorophenol
 Concen: 40.796 ng/ul
 RT: 16.930 min Scan# 2356
 Delta R.T. 0.001 min
 Lab File: BG058300.D
 Acq: 18 Jul 2023 14:16



Tgt Ion:266 Resp: 78793
 Ion Ratio Lower Upper
 266 100
 264 63.1 46.6 70.0
 268 63.9 47.6 71.4





#72

Phenanthrene

Concen: 45.526 ng/ul

RT: 17.324 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

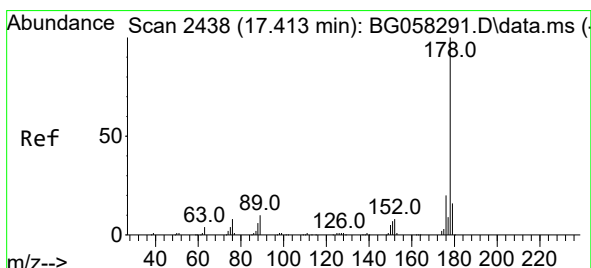
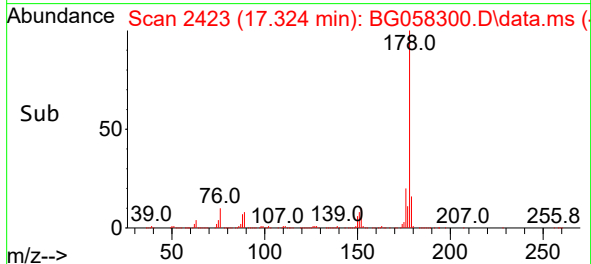
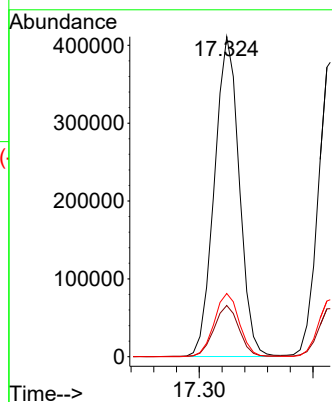
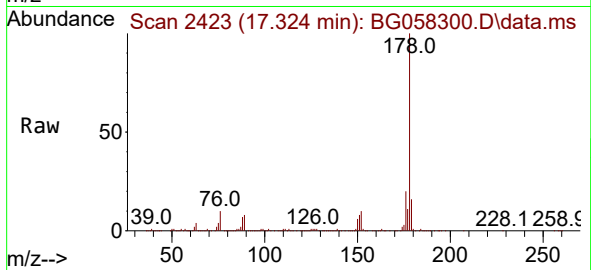
Tgt Ion:178 Resp: 622846

Ion Ratio Lower Upper

178 100

179 16.0 11.9 17.9

176 19.7 15.8 23.8



#74

Anthracene

Concen: 42.419 ng/ul

RT: 17.418 min Scan# 2439

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

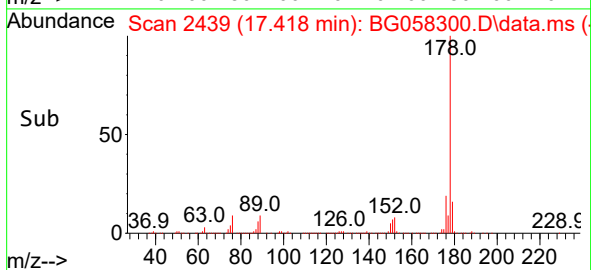
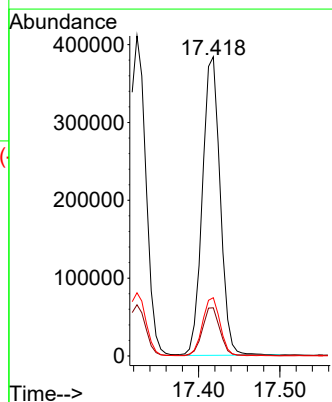
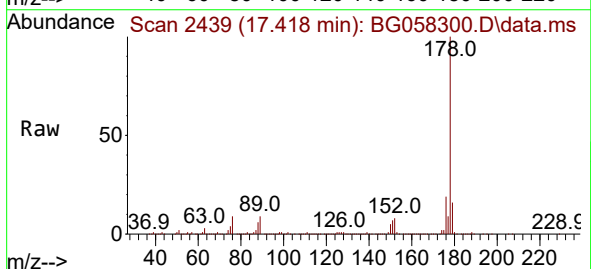
Tgt Ion:178 Resp: 582597

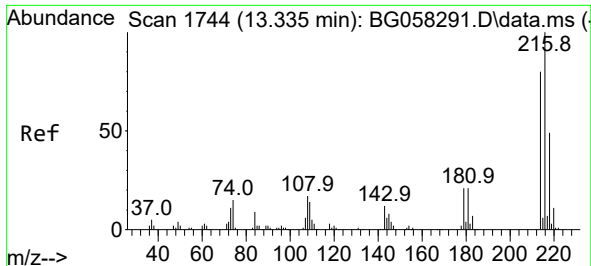
Ion Ratio Lower Upper

178 100

179 16.1 13.4 20.2

176 19.5 16.2 24.2

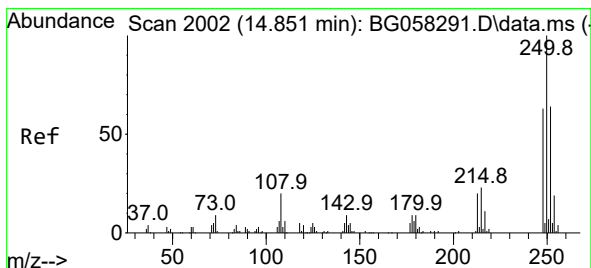
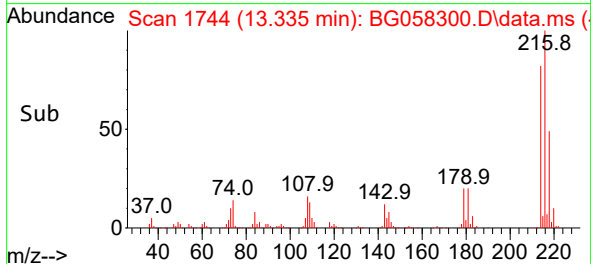
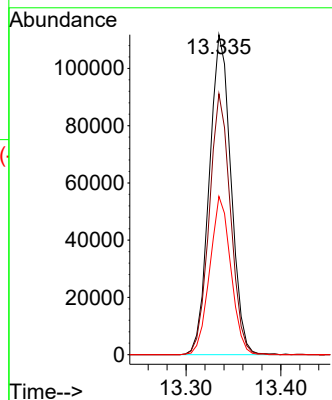
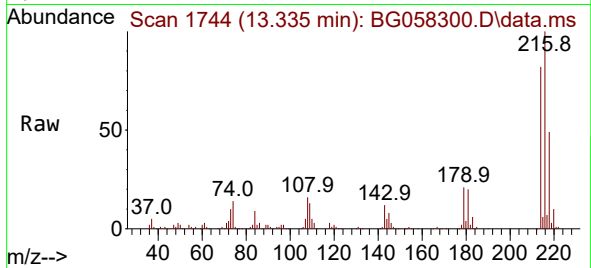




#75
1,2,3,4-Tetrachlorobenzene
Concen: 49.213 ng/uL
RT: 13.335 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

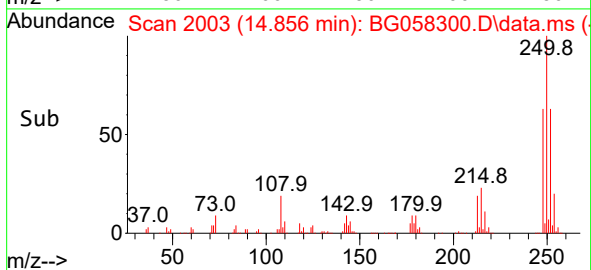
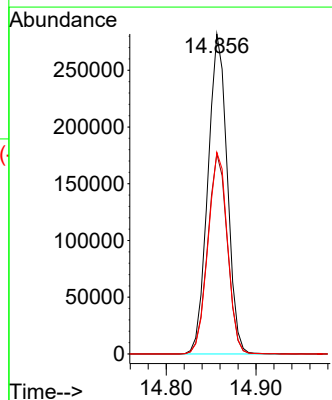
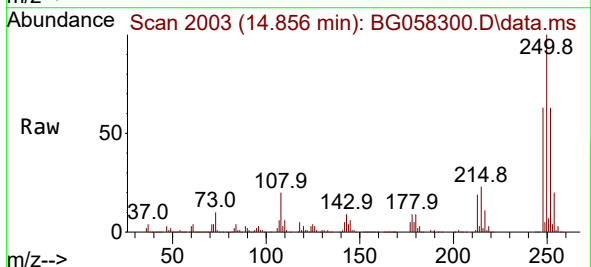
Instrument :
BNA_M
ClientSampleId :

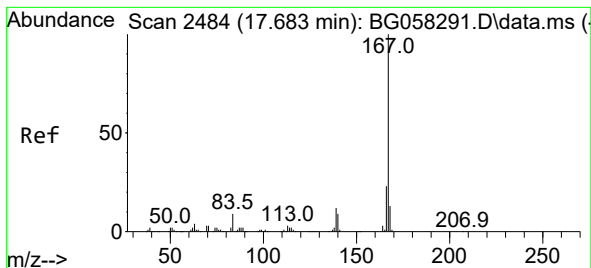
Tgt Ion:216 Resp: 177708
Ion Ratio Lower Upper
216 100
214 81.6 62.2 93.4
218 49.5 40.9 61.3



#76
Pentachlorobenzene
Concen: 106.849 ng/uL
RT: 14.856 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:250 Resp: 421927
Ion Ratio Lower Upper
250 100
248 62.6 51.6 77.4
252 63.0 54.4 81.6





#77

Carbazole

Concen: 45.976 ng/ul

RT: 17.688 min Scan# 24

Delta R.T. 0.007 min

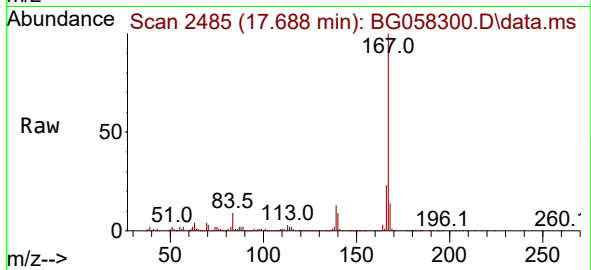
Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :



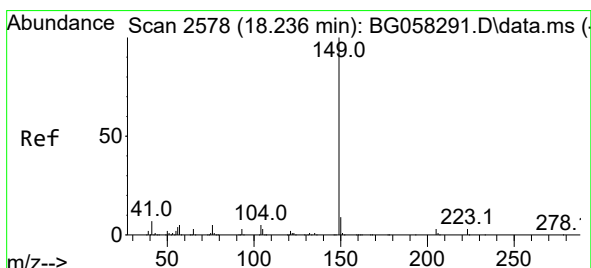
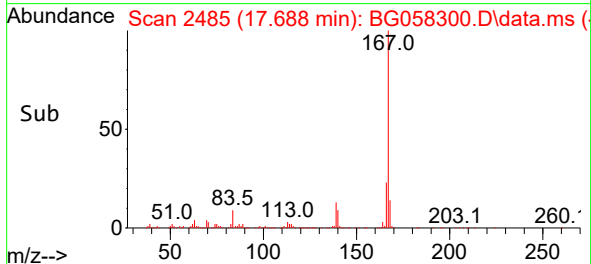
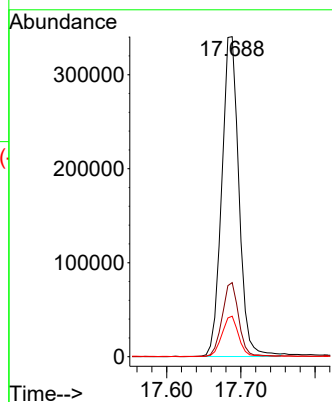
Tgt Ion:167 Resp: 547381

Ion Ratio Lower Upper

167 100

166 23.1 17.8 26.8

139 12.7 9.4 14.0



#78

Di-n-butylphthalate

Concen: 45.400 ng/ul

RT: 18.235 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

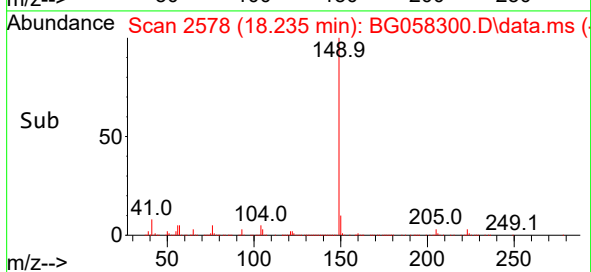
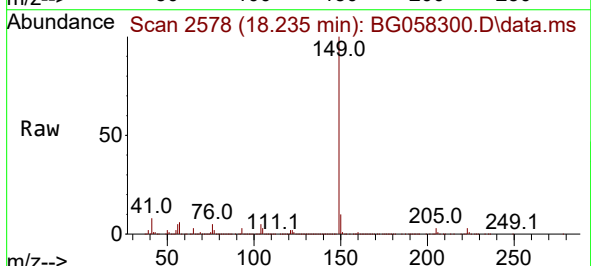
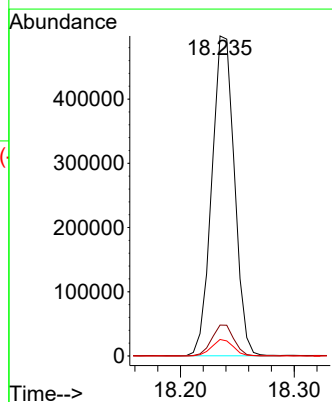
Tgt Ion:149 Resp: 686833

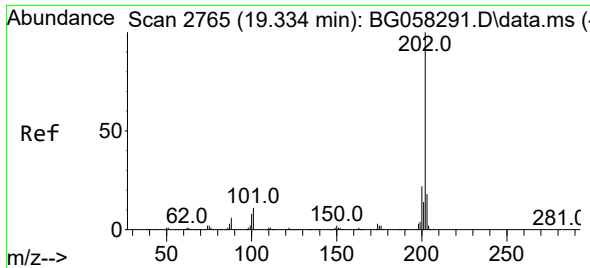
Ion Ratio Lower Upper

149 100

150 9.7 7.2 10.8

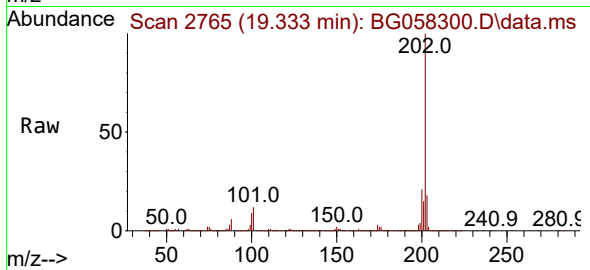
104 5.1 3.9 5.9



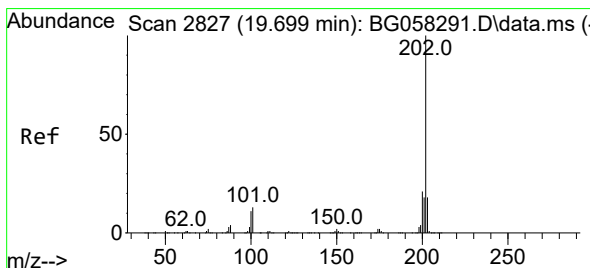
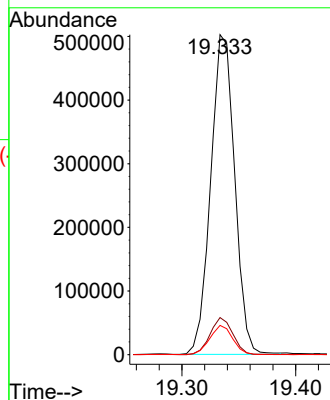
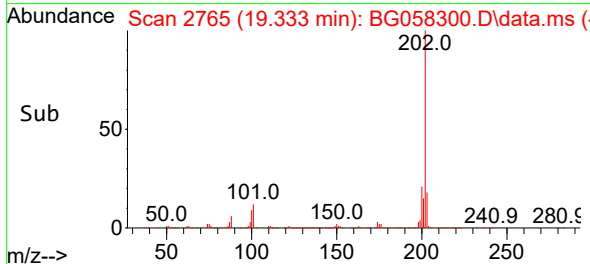


#80
Fluoranthene
Concen: 46.102 ng/ul
RT: 19.333 min Scan# 2765
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Instrument :
BNA_M
ClientSampleId :

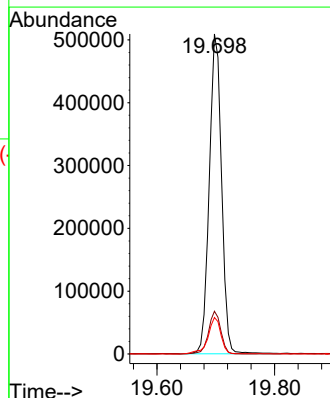
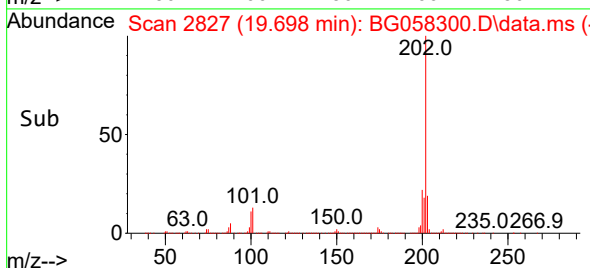
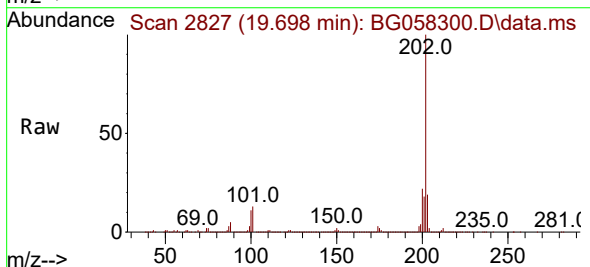


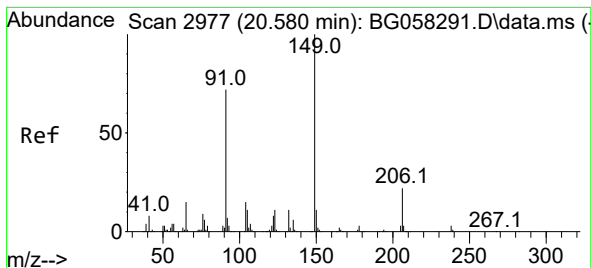
Tgt Ion:202 Resp: 738350
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 9.1 7.2 10.8



#82
Pyrene
Concen: 45.463 ng/ul
RT: 19.698 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:202 Resp: 737757
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.2
100 11.4 8.9 13.3





#83

Butylbenzylphthalate

Concen: 47.293 ng/ul

RT: 20.579 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BG058300.D

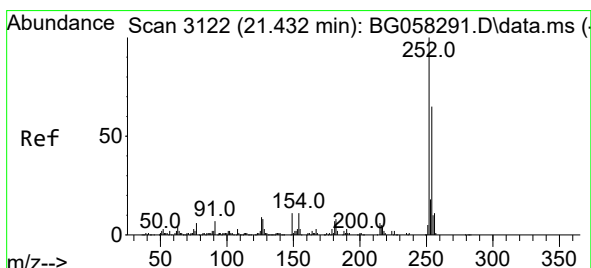
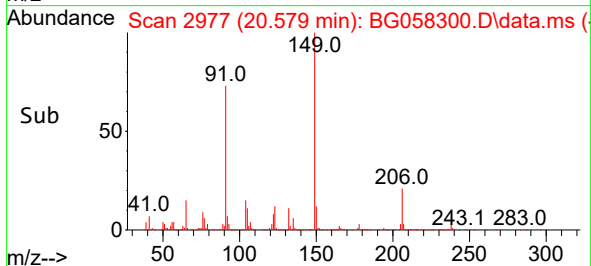
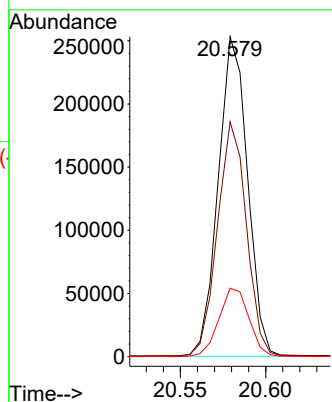
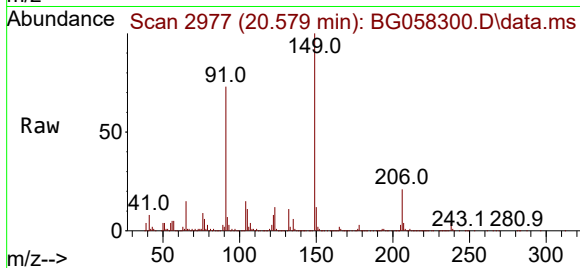
Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149	Resp: 302200
Ion Ratio	Lower Upper
149	100
91	73.4 59.9 89.9
206	21.4 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 42.232 ng/ul

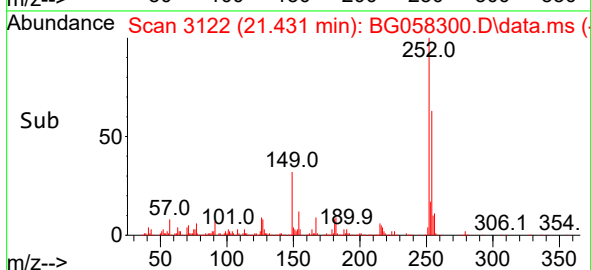
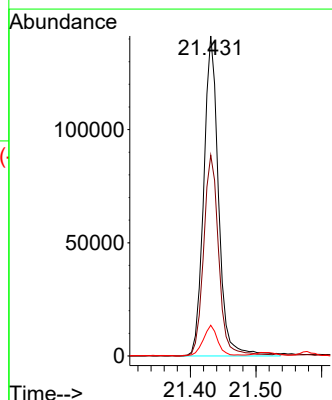
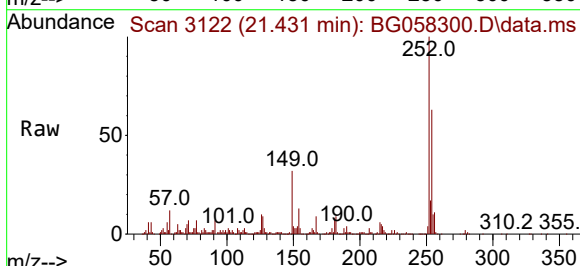
RT: 21.431 min Scan# 3122

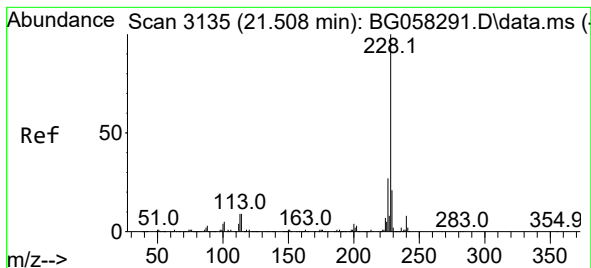
Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Tgt Ion:252	Resp: 223141
Ion Ratio	Lower Upper
252	100
254	62.8 50.5 75.7
126	9.6 6.5 9.7





#85

Benzo(a)anthracene

Concen: 45.559 ng/ul

RT: 21.513 min Scan# 3135

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

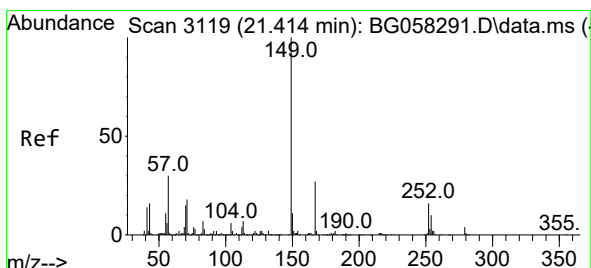
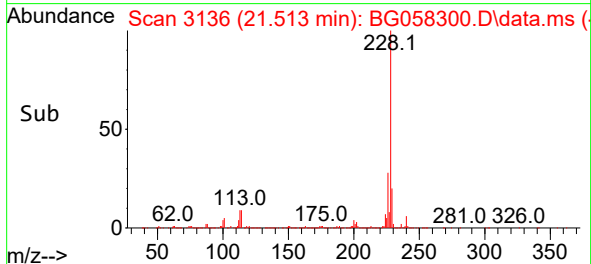
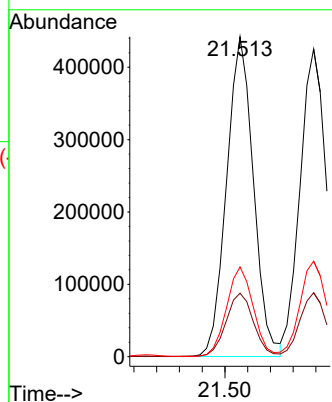
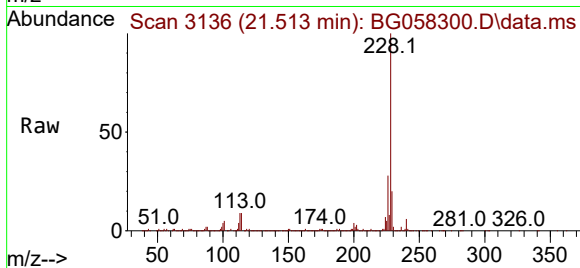
Tgt Ion:228 Resp: 724828

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

226 28.0 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 50.020 ng/ul

RT: 21.413 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

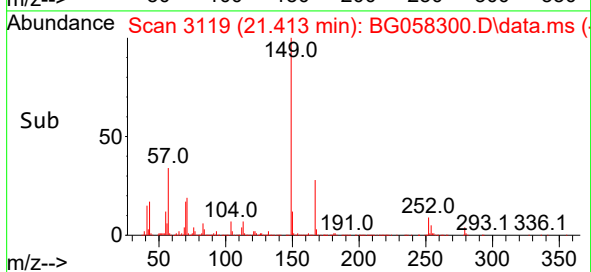
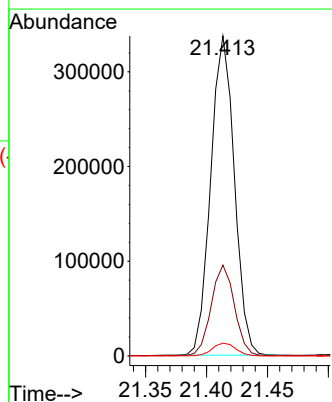
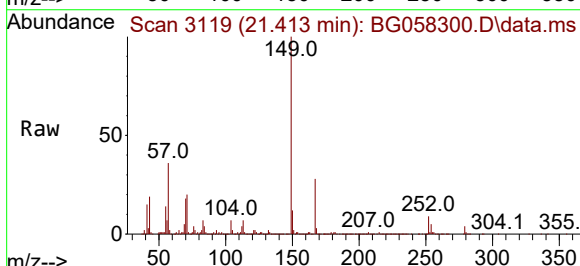
Tgt Ion:149 Resp: 454623

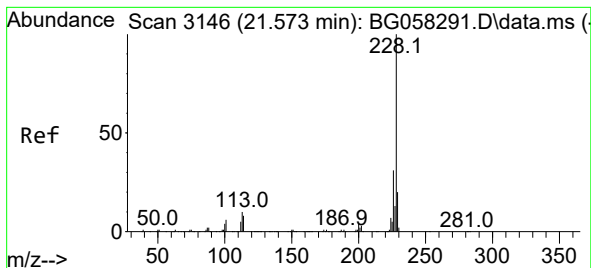
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 4.0 3.0 4.4





#87

Chrysene

Concen: 45.480 ng/ul

RT: 21.578 min Scan# 3146

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

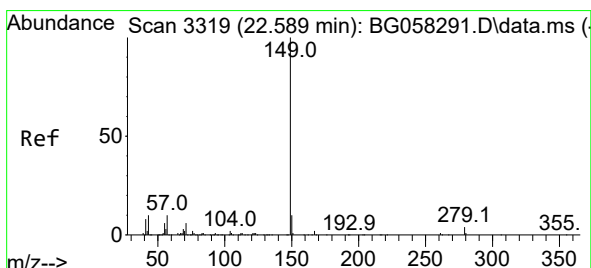
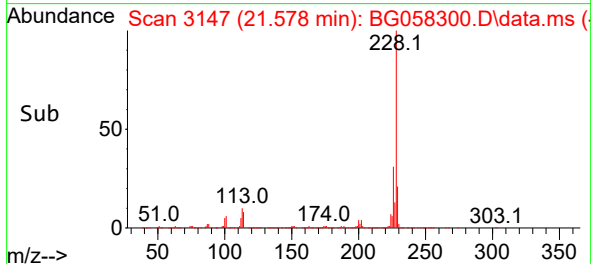
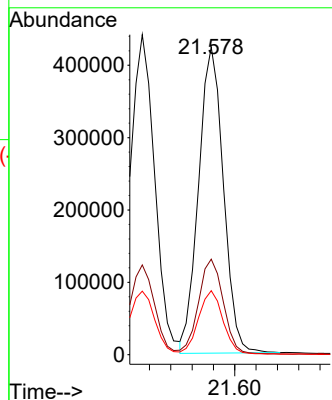
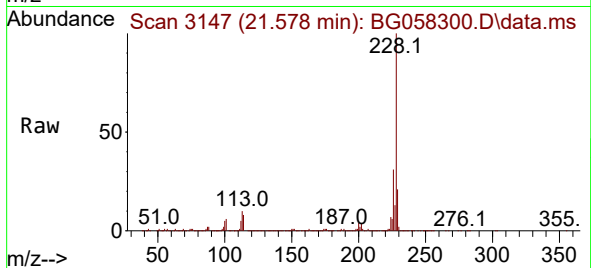
Tgt Ion:228 Resp: 686322

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

229 20.8 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 48.717 ng/ul

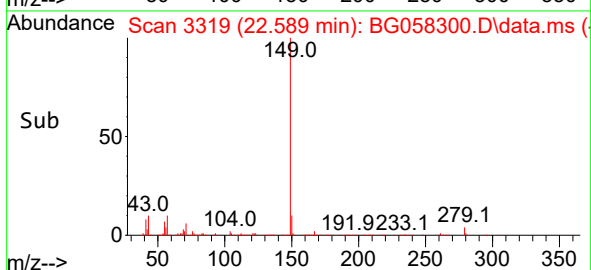
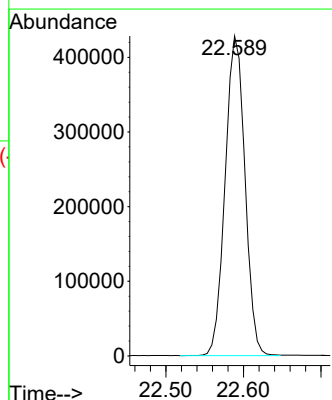
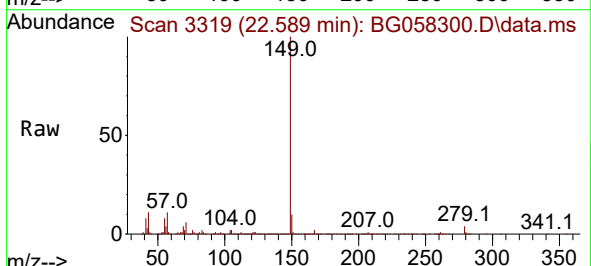
RT: 22.589 min Scan# 3319

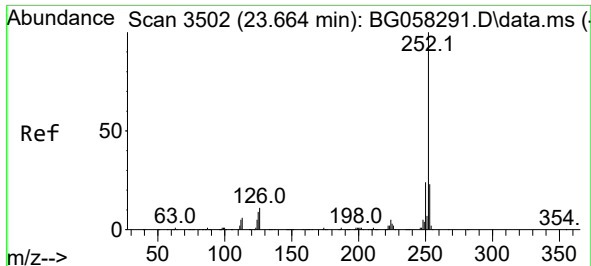
Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Tgt Ion:149 Resp: 761559

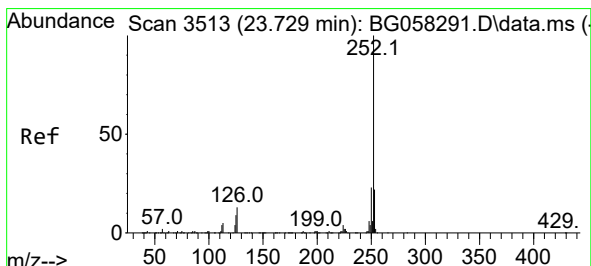
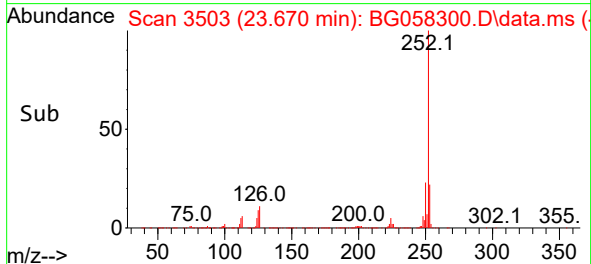
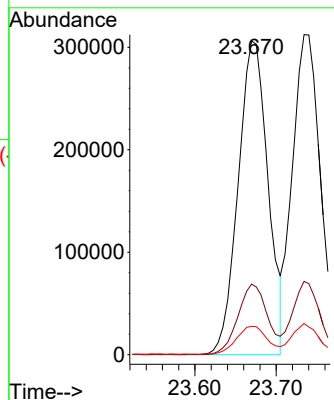
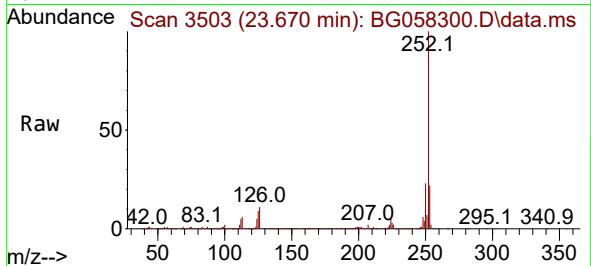




#90
Benzo(b)fluoranthene
Concen: 46.035 ng/ul
RT: 23.670 min Scan# 3502
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

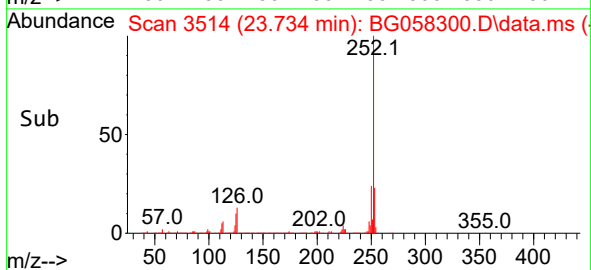
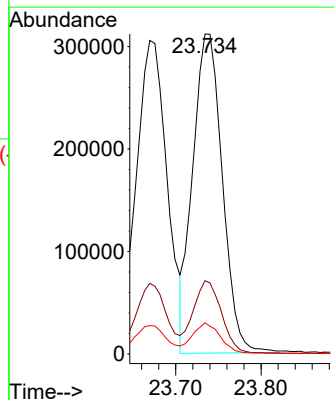
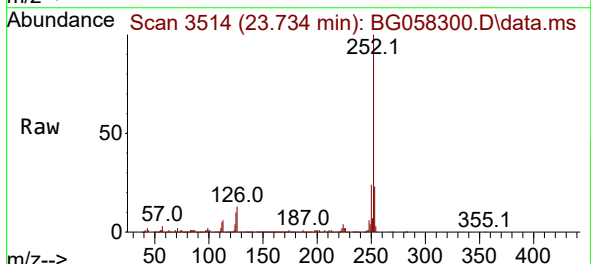
Instrument :
BNA_M
ClientSampleId :

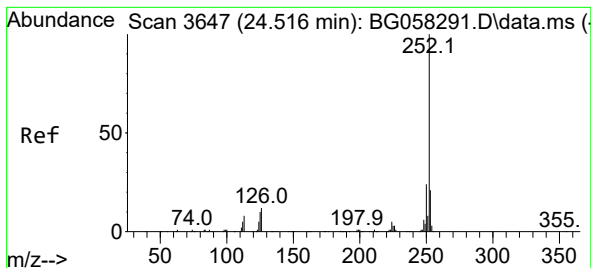
Tgt Ion:252 Resp: 782539
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.1 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 44.320 ng/ul
RT: 23.734 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:252 Resp: 751403
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 9.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 44.801 ng/ul

RT: 24.522 min Scan# 30

Delta R.T. 0.001 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

Instrument :

BNA_M

ClientSampleId :

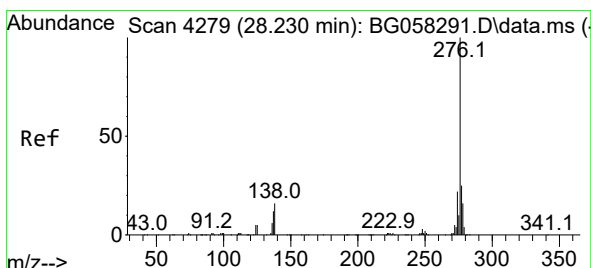
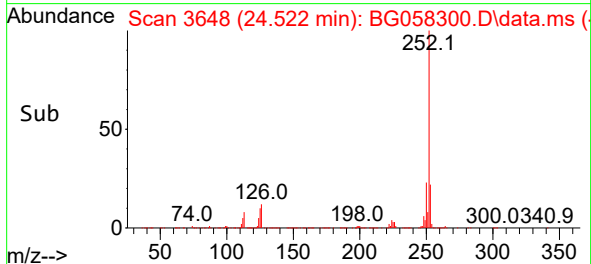
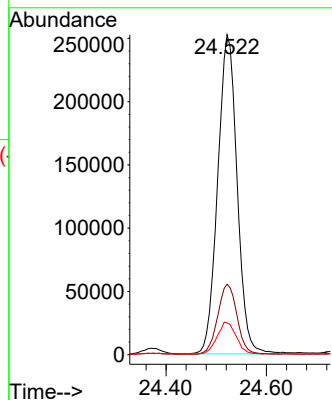
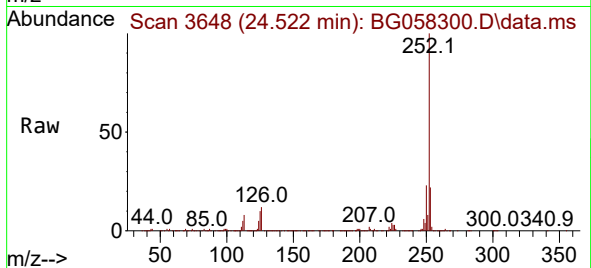
Tgt Ion:252 Resp: 677356

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.9 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 46.371 ng/ul

RT: 28.241 min Scan# 4281

Delta R.T. 0.013 min

Lab File: BG058300.D

Acq: 18 Jul 2023 14:16

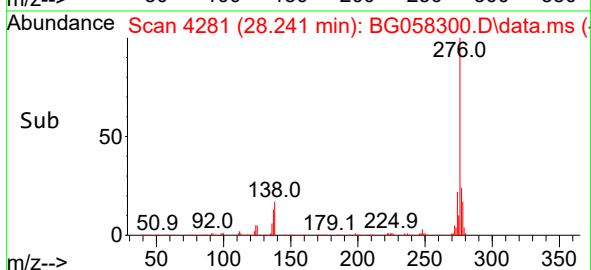
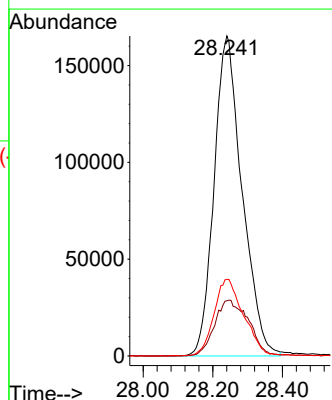
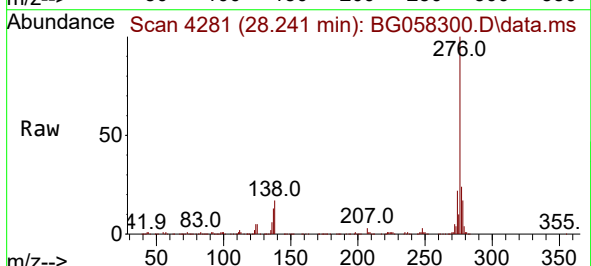
Tgt Ion:276 Resp: 923740

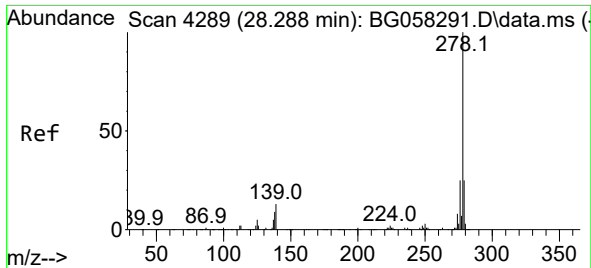
Ion Ratio Lower Upper

276 100

138 17.2 13.8 20.6

277 24.0 19.2 28.8

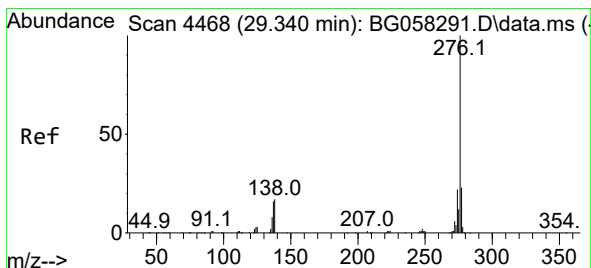
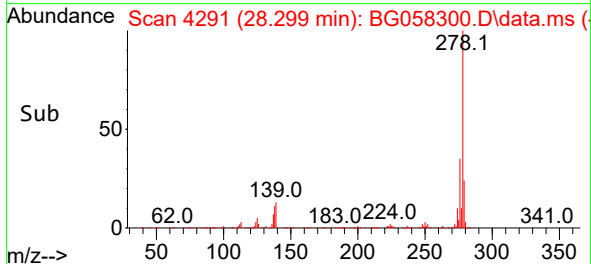
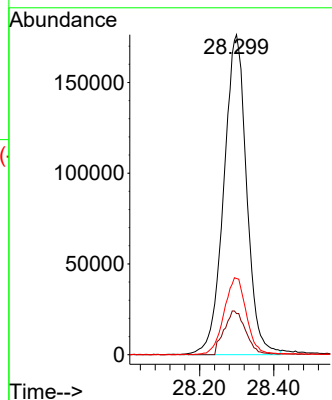
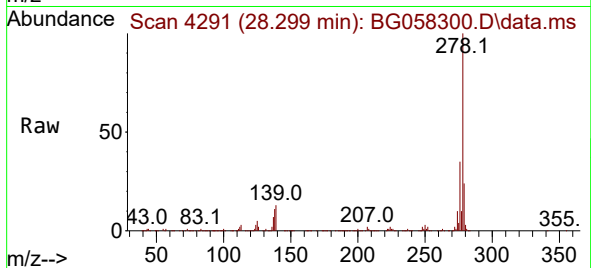




#95
Dibenzo(a,h)anthracene
Concen: 46.149 ng/ul
RT: 28.299 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 753851
Ion Ratio Lower Upper
278 100
139 12.9 10.4 15.6
279 23.8 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 47.214 ng/ul
RT: 29.363 min Scan# 4472
Delta R.T. 0.013 min
Lab File: BG058300.D
Acq: 18 Jul 2023 14:16

Tgt Ion:276 Resp: 766289
Ion Ratio Lower Upper
276 100
138 17.5 13.5 20.3
277 23.2 19.4 29.2

