

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058653.D
 Acq On : 9 Aug 2023 10:51
 Operator : MA/JU
 Sample : 03891-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Quant Time: Aug 09 11:35:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	41260	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	184720	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	147762	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	359844	20.000	ng	0.00
76) Chrysene-d12	21.452	240	302358	20.000	ng	0.00
86) Perylene-d12	24.519	264	382153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	281849	104.410	ng	0.00
7) Phenol-d6	6.986	99	403104	107.316	ng	0.00
23) Nitrobenzene-d5	8.972	82	234383	62.333	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	231235	95.476	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	588674	59.703	ng	0.00
79) Terphenyl-d14	19.824	244	1113901	69.280	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	50939	38.942	ng	98
3) Pyridine	3.661	79	127189	35.664	ng	97
4) n-Nitrosodimethylamine	3.579	42	67371	44.586	ng	93
6) Aniline	7.133	93	171058	36.988	ng	100
8) 2-Chlorophenol	7.374	128	138758	52.397	ng	99
9) Benzaldehyde	6.951	77	77379	37.917	ng	99
10) Phenol	7.010	94	195775	53.355	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	129841	44.885	ng	97
12) 1,3-Dichlorobenzene	7.697	146	130972	46.315	ng	97
13) 1,4-Dichlorobenzene	7.844	146	132745	46.752	ng	99
14) 1,2-Dichlorobenzene	8.162	146	130562	48.095	ng	97
15) Benzyl Alcohol	8.056	79	133665	56.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.344	45	220601	46.947	ng	99
17) 2-Methylphenol	8.261	107	131989	49.197	ng	99
18) Hexachloroethane	8.890	117	47458	45.985	ng	95
19) n-Nitroso-di-n-propyla...	8.620	70	112227	46.255	ng	98
20) 3+4-Methylphenols	8.590	107	185577	51.137	ng	99
22) Acetophenone	8.637	105	218996	44.277	ng	# 99
24) Nitrobenzene	9.019	77	164045	42.913	ng	96
25) Isophorone	9.536	82	336169	43.269	ng	100
26) 2-Nitrophenol	9.730	139	75867	45.593	ng	99
27) 2,4-Dimethylphenol	9.789	122	124282	45.027	ng	96
28) bis(2-Chloroethoxy)met...	10.024	93	187474	44.340	ng	99
29) 2,4-Dichlorophenol	10.265	162	143349	50.019	ng	98
30) 1,2,4-Trichlorobenzene	10.477	180	147353	44.584	ng	96
31) Naphthalene	10.665	128	428136	43.975	ng	100
32) Benzoic acid	9.959	122	101390	48.106	ng	94
33) 4-Chloroaniline	10.776	127	141472	34.393	ng	99
34) Hexachlorobutadiene	10.941	225	88753	41.699	ng	99
35) Caprolactam	11.563	113	36681	34.660	ng	98
36) 4-Chloro-3-methylphenol	11.910	107	185911	52.441	ng	98
37) 2-Methylnaphthalene	12.274	142	309359	44.421	ng	99
38) 1-Methylnaphthalene	12.498	142	301145	45.490	ng	99
40) 1,2,4,5-Tetrachloroben...	12.650	216	185371	40.863	ng	99
41) Hexachlorocyclopentadiene	12.621	237	150862	72.314	ng	96
43) 2,4,6-Trichlorophenol	12.891	196	141014	45.194	ng	99

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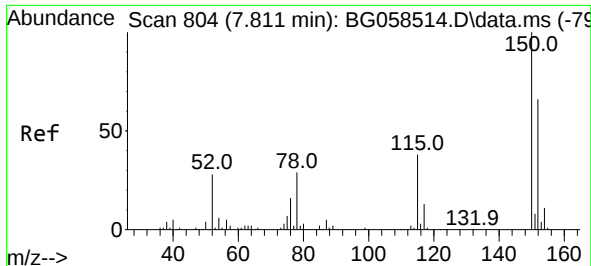
Quant Time: Aug 09 11:35:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	154988	42.172	ng	97
46) 1,1'-Biphenyl	13.291	154	425855	41.966	ng	99
47) 2-Chloronaphthalene	13.332	162	344074	43.487	ng	99
48) 2-Nitroaniline	13.543	65	137667	45.585	ng	99
49) Acenaphthylene	14.184	152	583255	44.030	ng	99
50) Dimethylphthalate	13.920	163	477988	43.072	ng	100
51) 2,6-Dinitrotoluene	14.043	165	108163	44.421	ng	96
52) Acenaphthene	14.525	154	329952	43.107	ng	98
53) 3-Nitroaniline	14.378	138	94666	38.859	ng	99
54) 2,4-Dinitrophenol	14.589	184	119443	86.361	ng	95
55) Dibenzofuran	14.860	168	573867	43.632	ng	99
56) 4-Nitrophenol	14.695	139	172328	94.821	ng	97
57) 2,4-Dinitrotoluene	14.836	165	154132	45.659	ng	97
58) Fluorene	15.512	166	460245	44.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	145383	46.358	ng	# 99
60) Diethylphthalate	15.283	149	497908	44.042	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	254452	43.682	ng	98
62) 4-Nitroaniline	15.541	138	109991	47.661	ng	96
63) Azobenzene	15.794	77	486716	43.709	ng	99
65) 4,6-Dinitro-2-methylph...	15.600	198	92440	46.589	ng	97
66) n-Nitrosodiphenylamine	15.717	169	415673	44.382	ng	98
67) 4-Bromophenyl-phenylether	16.393	248	179538	43.989	ng	99
68) Hexachlorobenzene	16.516	284	200889	46.450	ng	98
69) Atrazine	16.669	200	166281	52.593	ng	98
70) Pentachlorophenol	16.863	266	203292	77.659	ng	98
71) Phenanthrene	17.251	178	743645	43.576	ng	100
72) Anthracene	17.339	178	752353	42.966	ng	99
73) Carbazole	17.615	167	693218	44.894	ng	100
74) Di-n-butylphthalate	18.167	149	853665	44.138	ng	99
75) Fluoranthene	19.278	202	870259	42.453	ng	99
77) Benzidine	19.448	184	198011	43.187	ng	100
78) Pyrene	19.630	202	904080	43.936	ng	100
80) Butylbenzylphthalate	20.512	149	378791	44.815	ng	98
81) Benzo(a)anthracene	21.428	228	936618	45.012	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	320507	45.557	ng	99
83) Chrysene	21.493	228	880577	44.138	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	546913	44.279	ng	# 98
85) Di-n-octyl phthalate	22.486	149	973028	44.808	ng	99
87) Indeno(1,2,3-cd)pyrene	28.026	276	1156934	45.507	ng	98
88) Benzo(b)fluoranthene	23.549	252	971055	46.850	ng	100
89) Benzo(k)fluoranthene	23.614	252	960374	46.122	ng	99
90) Benzo(a)pyrene	24.378	252	884268	43.442	ng	98
91) Dibenzo(a,h)anthracene	28.079	278	949590	45.172	ng	98
92) Benzo(g,h,i)perylene	29.119	276	918890	43.592	ng	100

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

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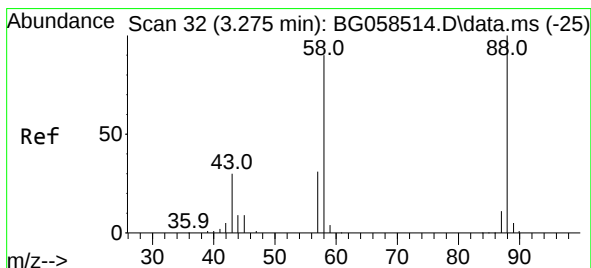
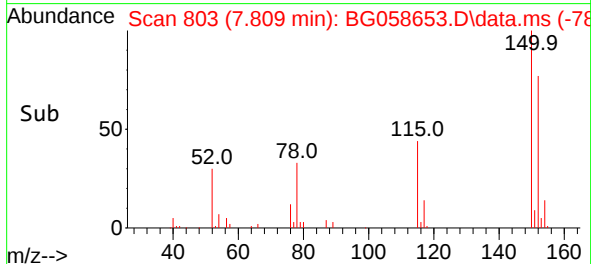
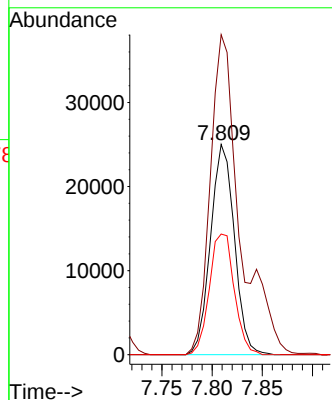
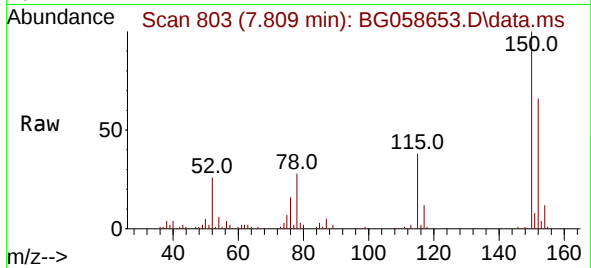




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

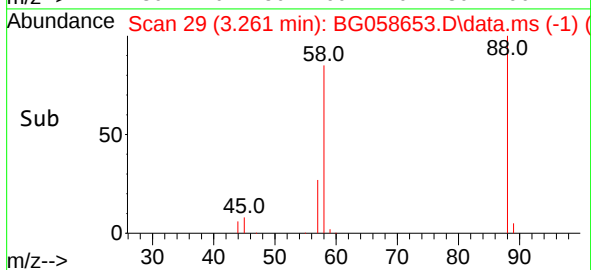
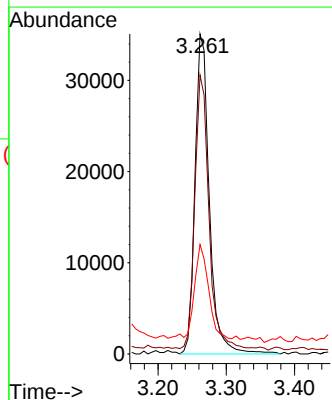
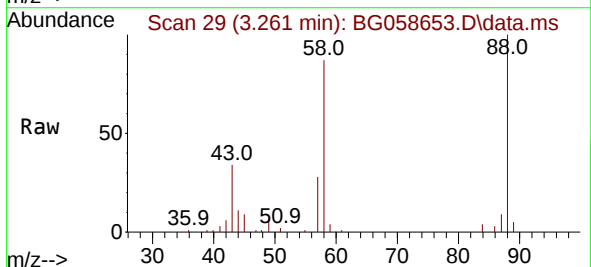
Instrument :
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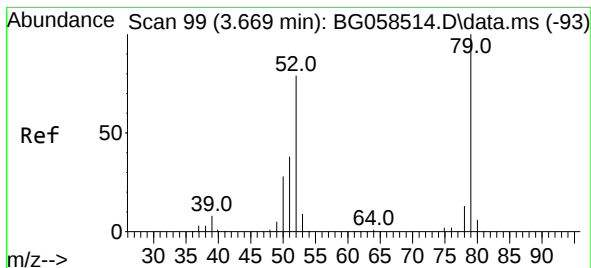
Tgt Ion:152 Resp: 41260
Ion Ratio Lower Upper
152 100
150 152.3 120.5 180.7
115 57.4 45.9 68.9



#2
1,4-Dioxane
Concen: 38.942 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 88 Resp: 50939
Ion Ratio Lower Upper
88 100
58 83.2 68.9 103.3
43 28.5 22.9 34.3





#3

Pyridine

Concen: 35.664 ng

RT: 3.661 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

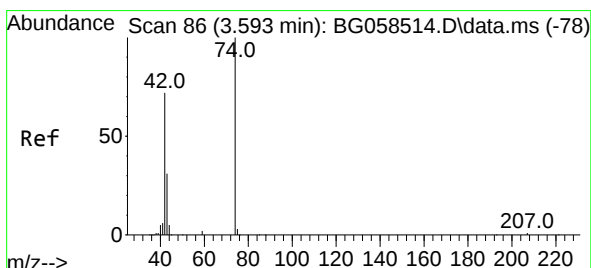
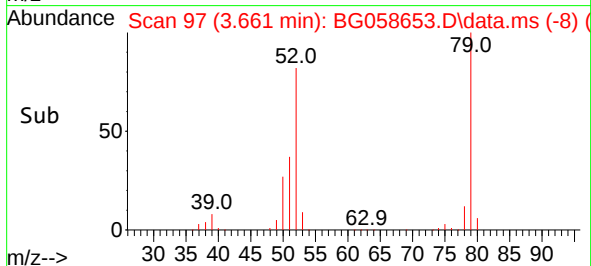
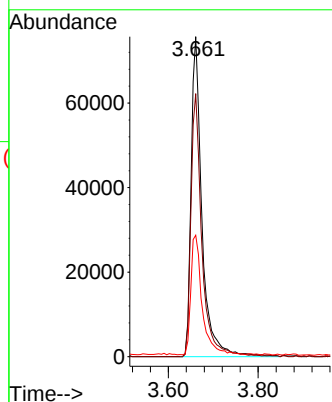
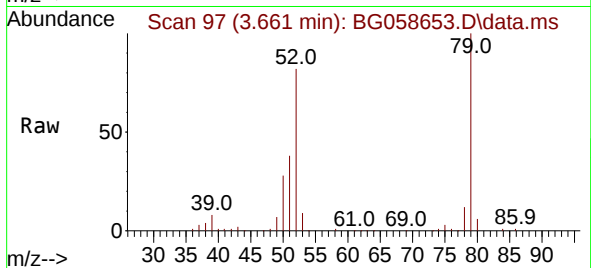
Tgt Ion: 79 Resp: 127189

Ion Ratio Lower Upper

79 100

52 82.2 63.2 94.8

51 38.0 31.9 47.9



#4

n-Nitrosodimethylamine

Concen: 44.586 ng

RT: 3.579 min Scan# 83

Delta R.T. -0.014 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

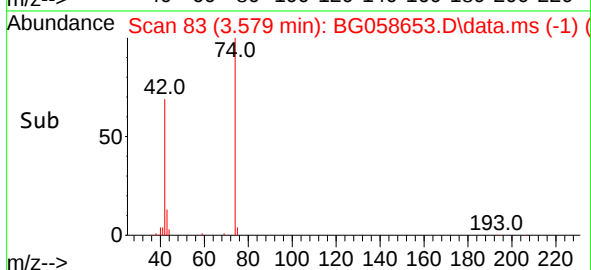
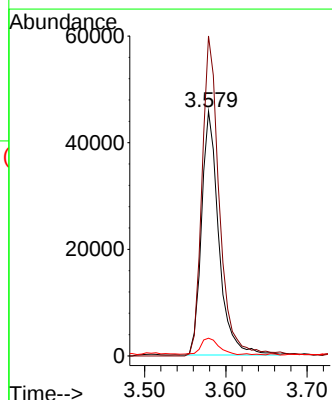
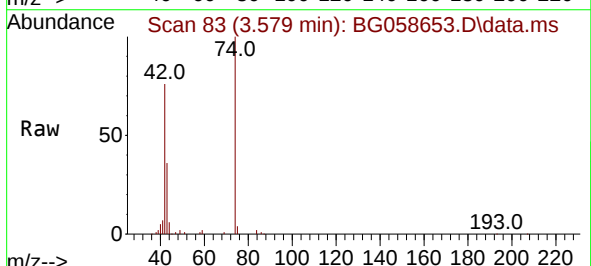
Tgt Ion: 42 Resp: 67371

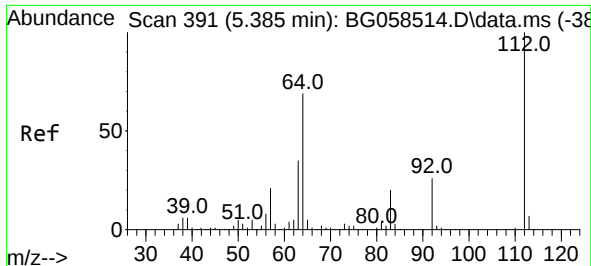
Ion Ratio Lower Upper

42 100

74 130.8 111.5 167.3

44 7.2 5.4 8.2

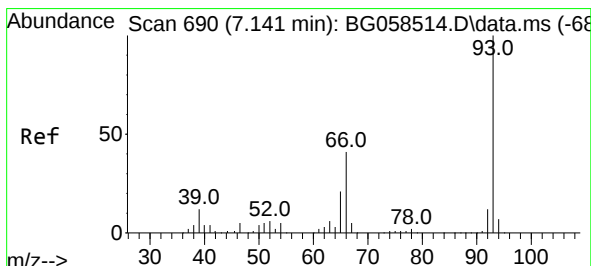
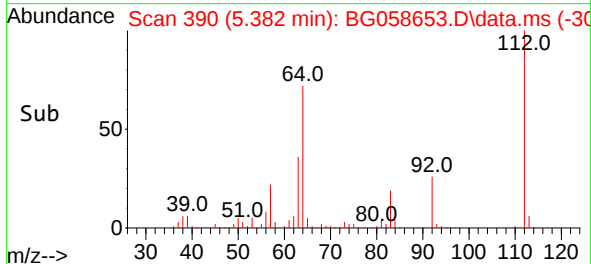
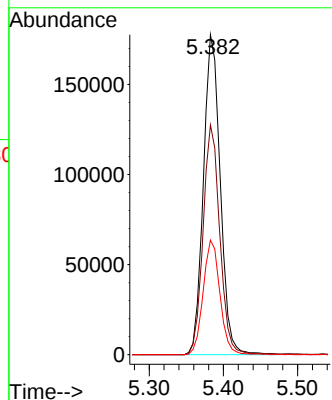
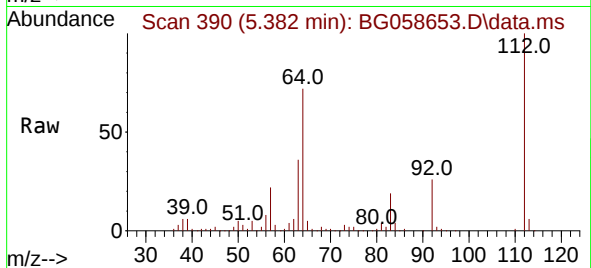




#5
2-Fluorophenol
Concen: 104.410 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

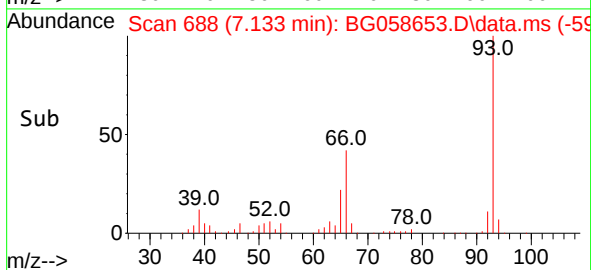
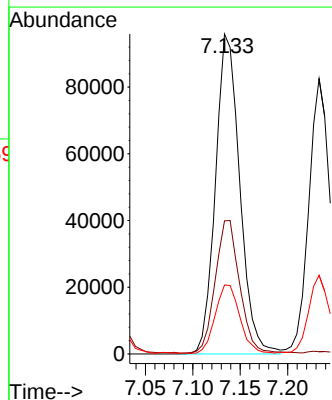
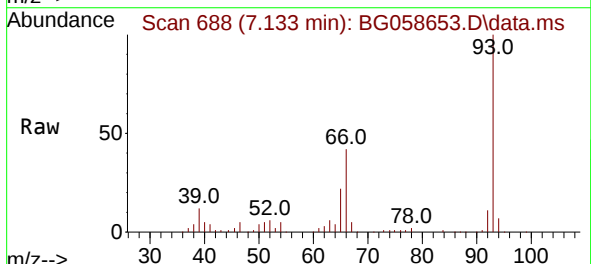
Instrument :
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Tgt Ion:112 Resp: 281849
Ion Ratio Lower Upper
112 100
64 71.8 55.3 82.9
63 35.8 28.3 42.5



#6
Aniline
Concen: 36.988 ng
RT: 7.133 min Scan# 688
Delta R.T. -0.008 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 93 Resp: 171058
Ion Ratio Lower Upper
93 100
66 41.6 33.1 49.7
65 21.5 17.0 25.4

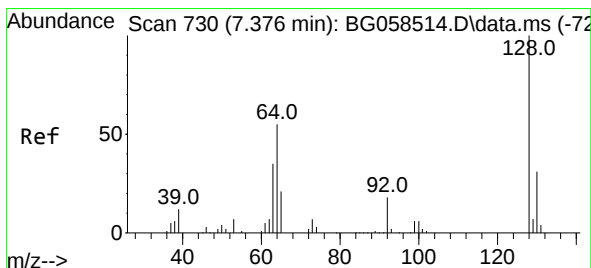
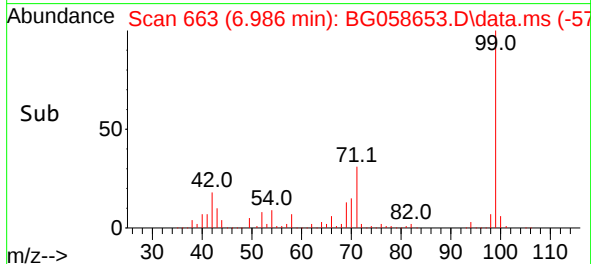
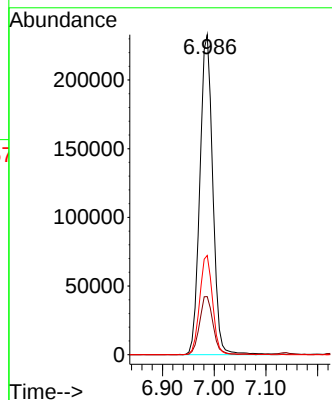
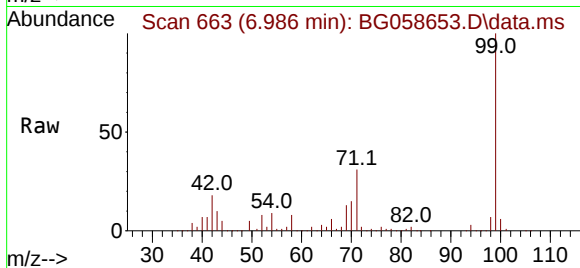




#7
Phenol-d6
Concen: 107.316 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

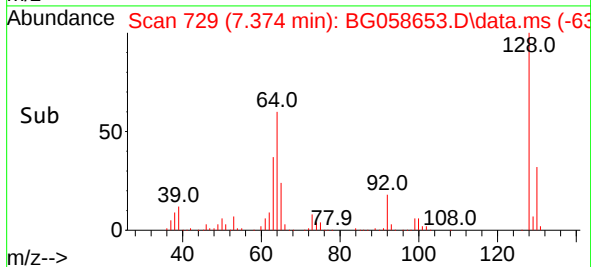
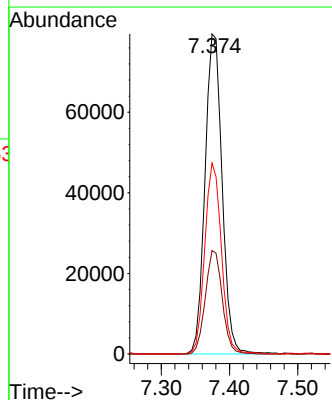
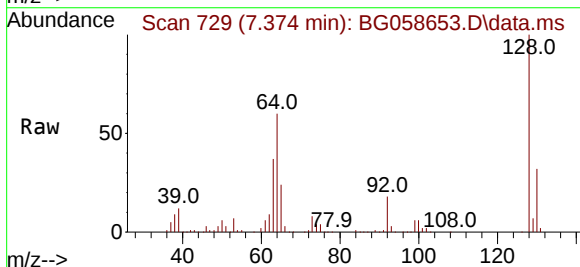
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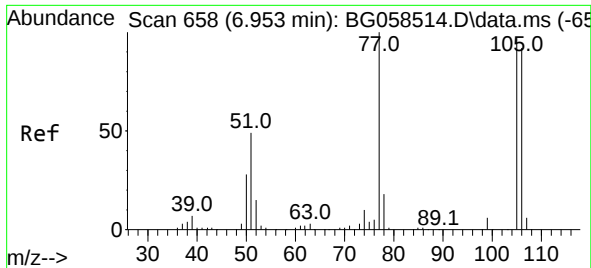
Tgt Ion: 99 Resp: 403104
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 31.0 25.0 37.4



#8
2-Chlorophenol
Concen: 52.397 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:128 Resp: 138758
Ion Ratio Lower Upper
128 100
130 32.3 10.9 50.9
64 59.7 39.0 79.0



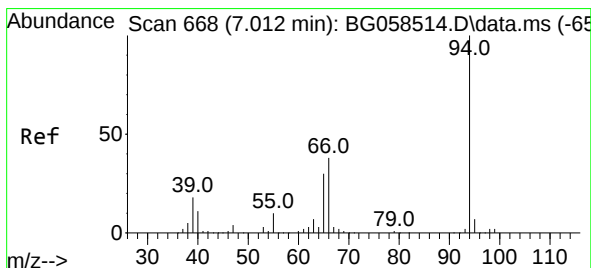
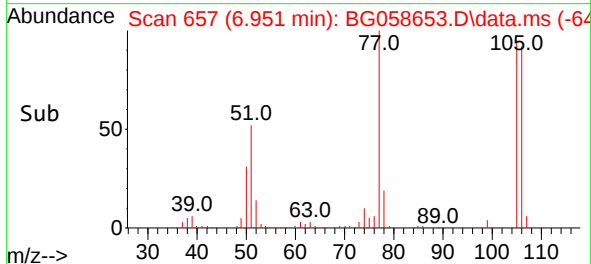
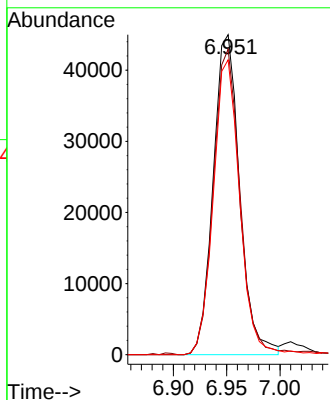
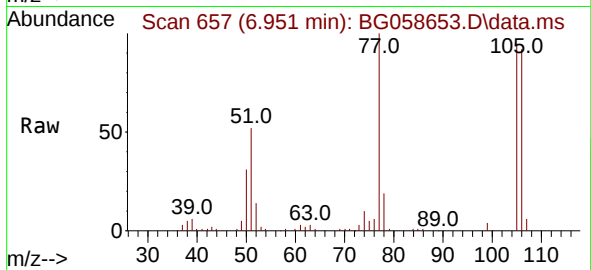


#9
Benzaldehyde
Concen: 37.917 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 77 Resp: 77379

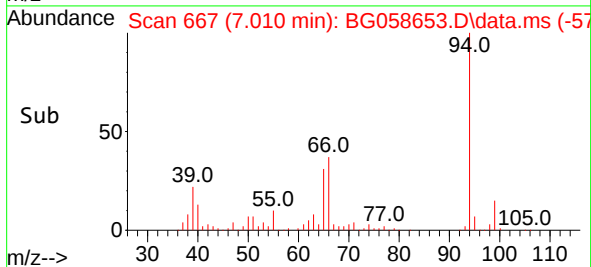
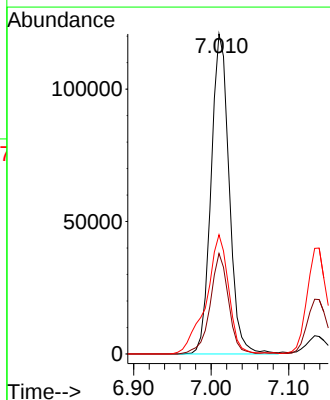
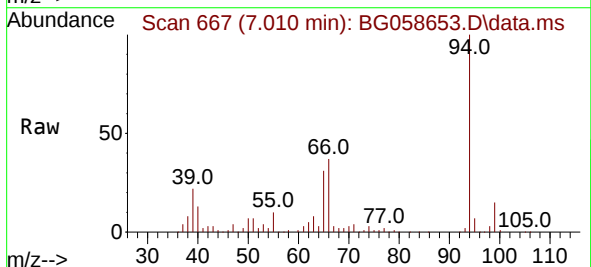
Ion	Ratio	Lower	Upper
77	100		
105	95.4	77.1	117.1
106	92.2	71.6	111.6



#10
Phenol
Concen: 53.355 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 94 Resp: 195775

Ion	Ratio	Lower	Upper
94	100		
65	31.4	10.4	50.4
66	37.2	18.7	58.7

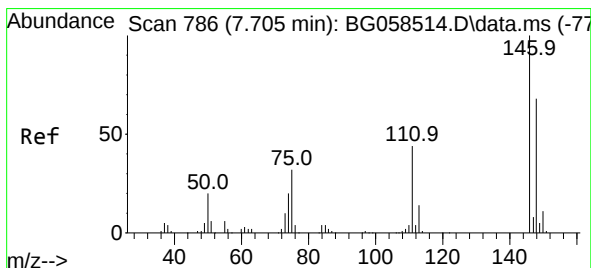
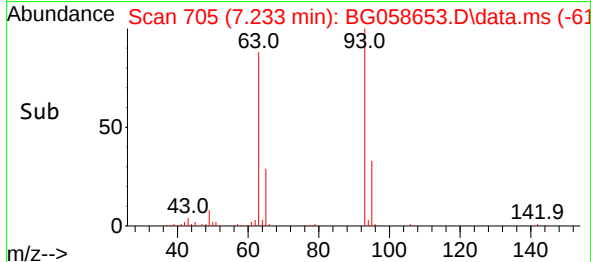
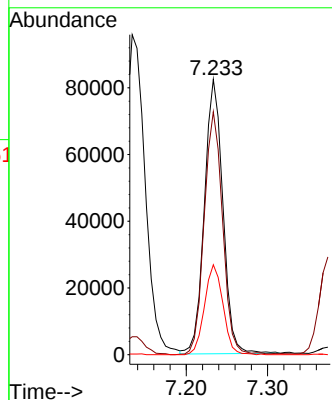
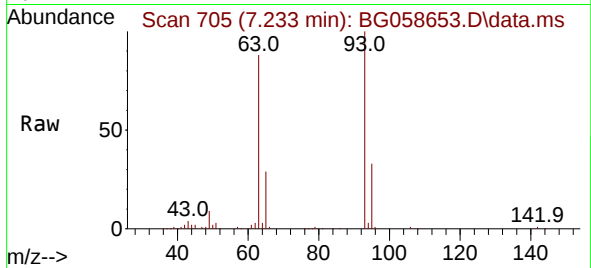




#11
bis(2-Chloroethyl)ether
Concen: 44.885 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

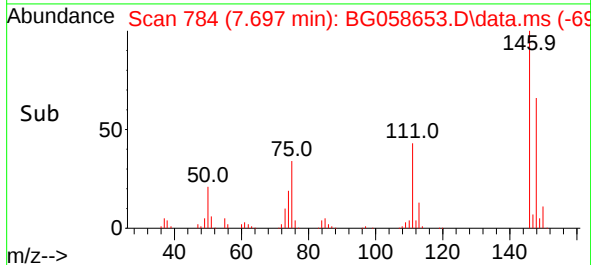
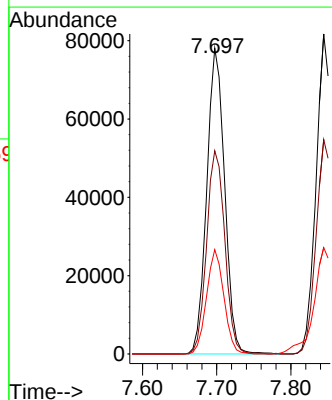
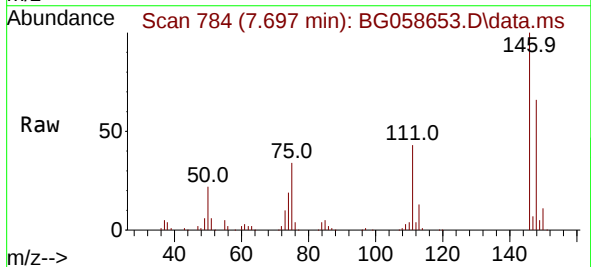
Instrument :
BNA_G
ClientSampleId :
TP-1MS

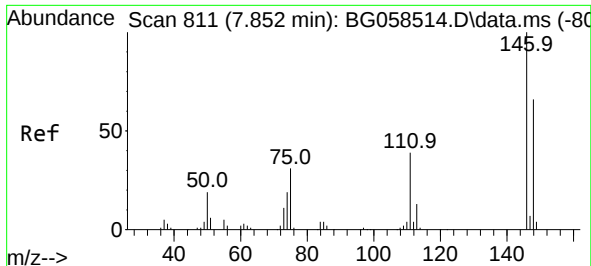
Tgt Ion: 93 Resp: 129841
Ion Ratio Lower Upper
93 100
63 88.2 65.5 105.5
95 32.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.315 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:146 Resp: 130972
Ion Ratio Lower Upper
146 100
148 66.5 54.7 82.1
75 34.1 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 46.752 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

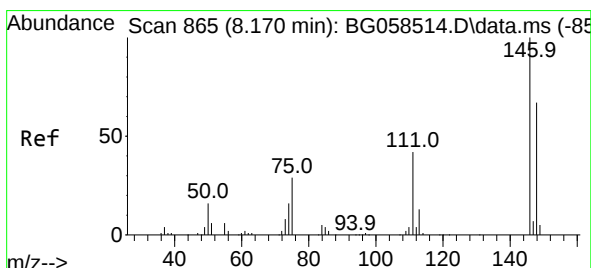
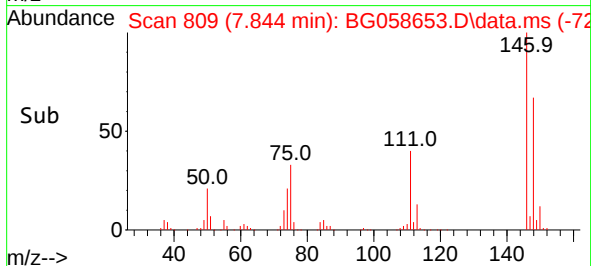
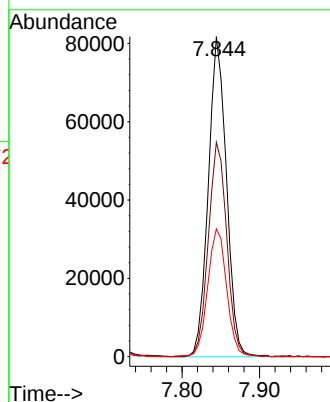
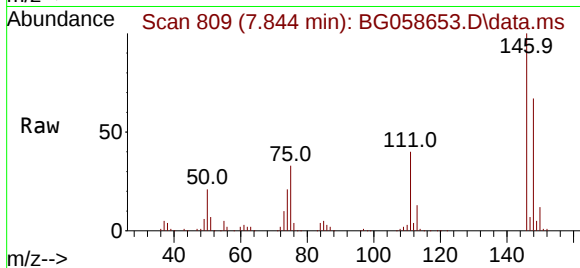
Tgt Ion:146 Resp: 132745

Ion Ratio Lower Upper

146 100

148 67.0 52.8 79.2

111 40.0 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 48.095 ng

RT: 8.162 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

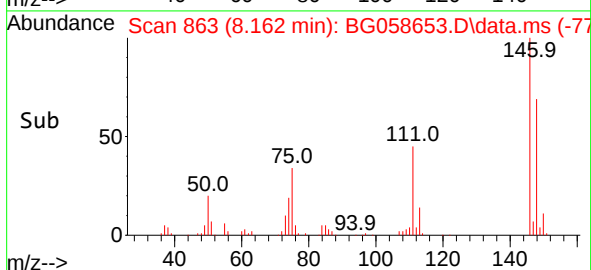
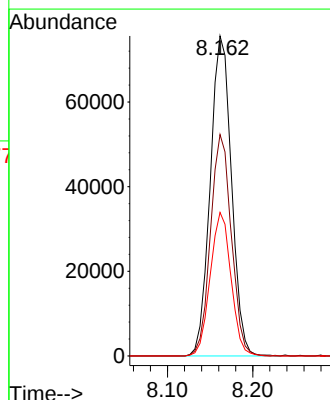
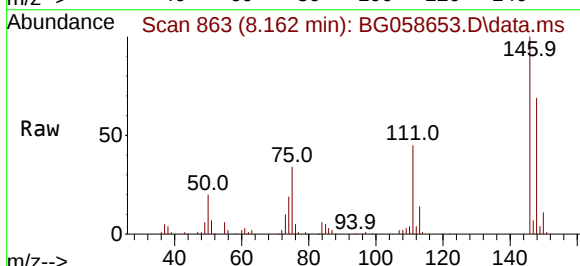
Tgt Ion:146 Resp: 130562

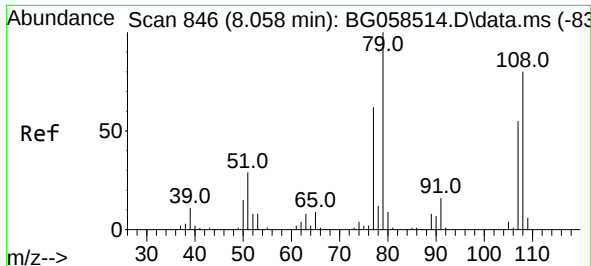
Ion Ratio Lower Upper

146 100

148 69.2 53.4 80.2

111 44.9 34.2 51.2

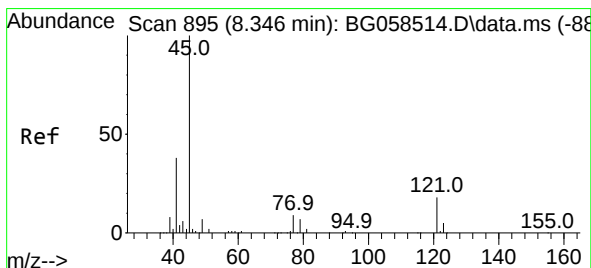
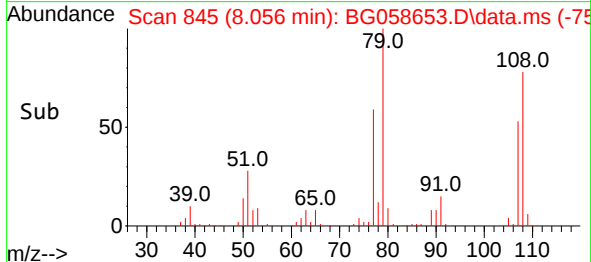
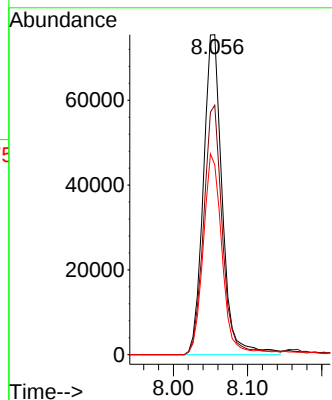
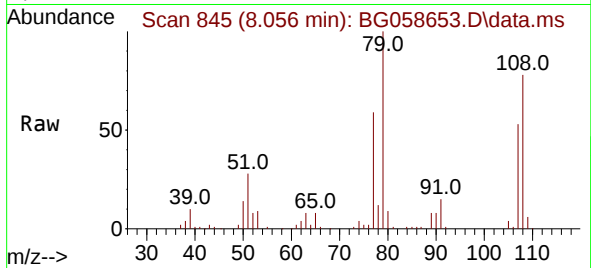




#15
Benzyl Alcohol
Concen: 56.112 ng
RT: 8.056 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

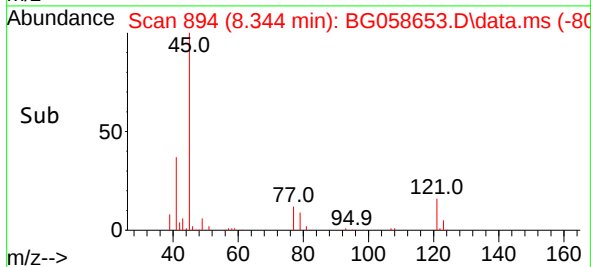
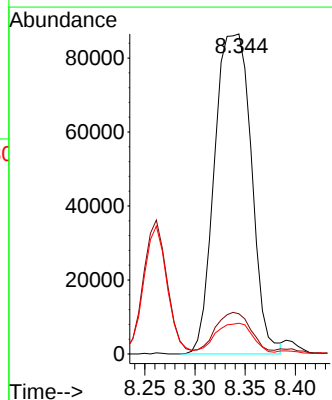
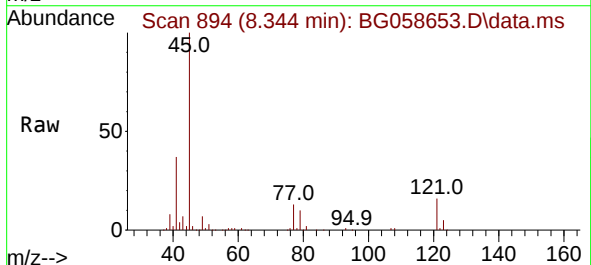
Instrument :
BNA_G
ClientSampleId :
TP-1MS

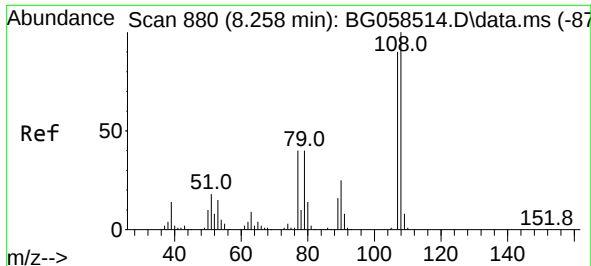
Tgt Ion: 79 Resp: 133665
Ion Ratio Lower Upper
79 100
108 78.0 63.8 95.6
77 59.4 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.947 ng
RT: 8.344 min Scan# 894
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 45 Resp: 220601
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.6
79 9.6 0.0 30.2





#17

2-Methylphenol

Concen: 49.197 ng

RT: 8.261 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 131989

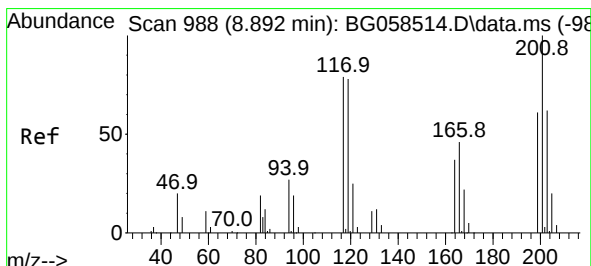
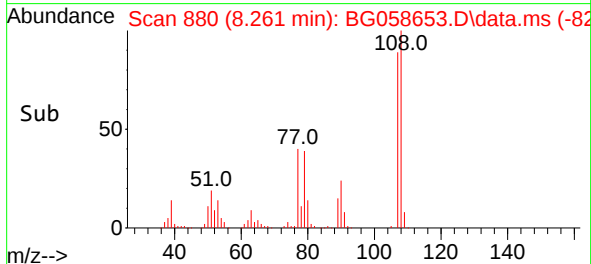
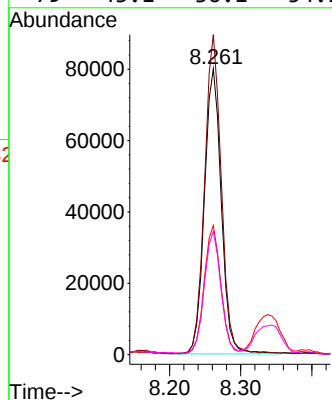
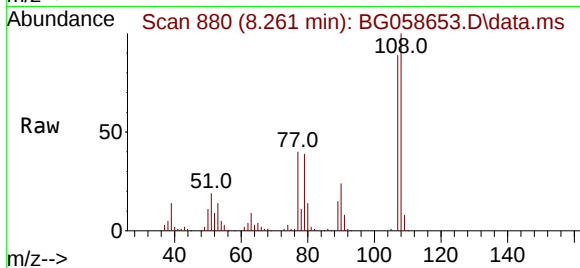
Ion Ratio Lower Upper

107 100

108 111.9 89.1 133.7

77 45.2 36.2 54.4

79 43.1 36.1 54.1



#18

Hexachloroethane

Concen: 45.985 ng

RT: 8.890 min Scan# 987

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

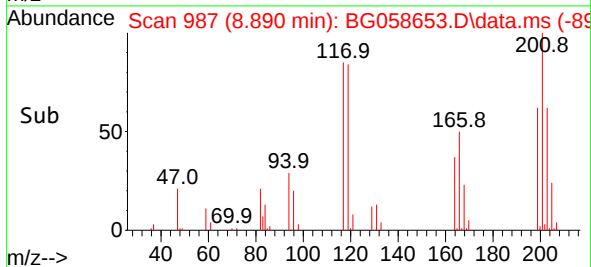
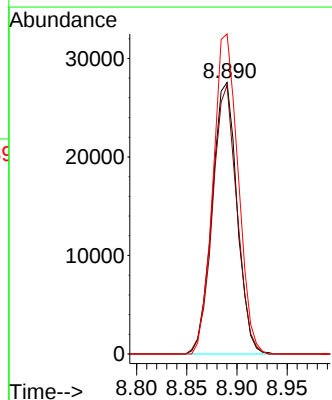
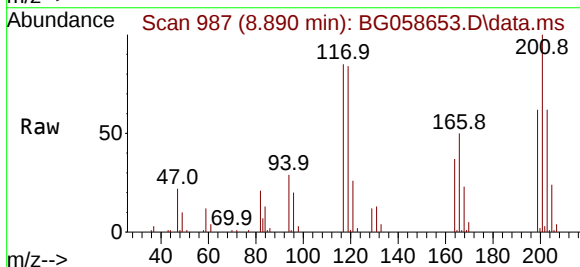
Tgt Ion:117 Resp: 47458

Ion Ratio Lower Upper

117 100

119 99.0 78.6 117.8

201 117.9 101.4 152.0

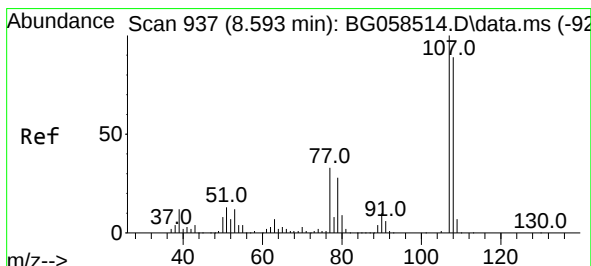
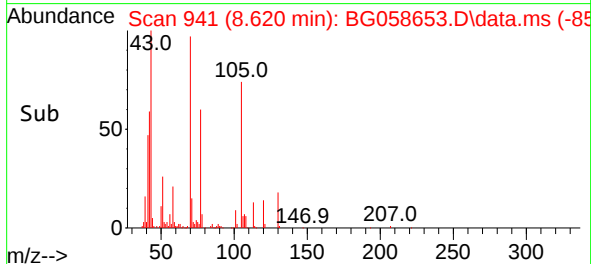
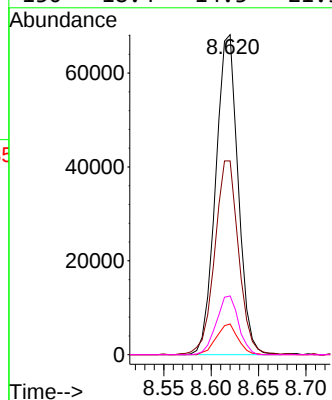
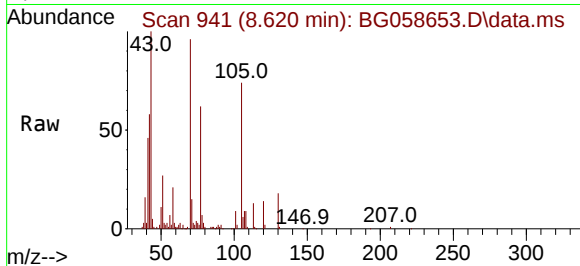




#19
n-Nitroso-di-n-propylamine
Concen: 46.255 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

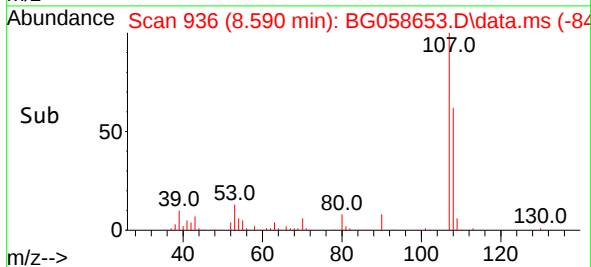
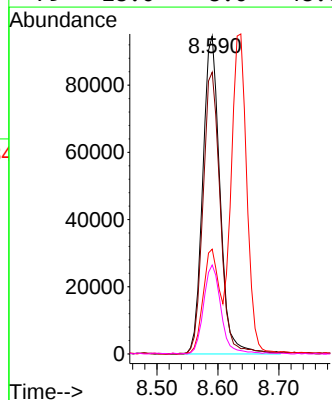
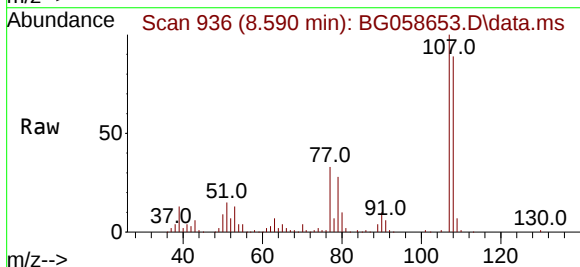
Instrument :
BNA_G
ClientSampleId :
TP-1MS

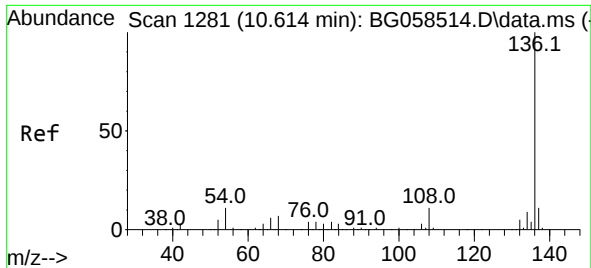
Tgt Ion: 70 Resp: 112227
Ion Ratio Lower Upper
70 100
42 60.6 49.7 74.5
101 9.6 7.0 10.4
130 18.4 14.3 21.5



#20
3+4-Methylphenols
Concen: 51.137 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 107 Resp: 185577
Ion Ratio Lower Upper
107 100
108 88.6 69.4 109.4
77 33.0 13.0 53.0
79 28.0 8.0 48.0

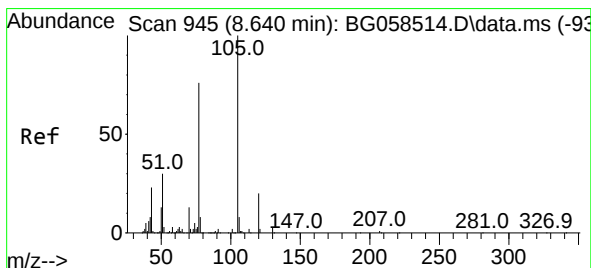
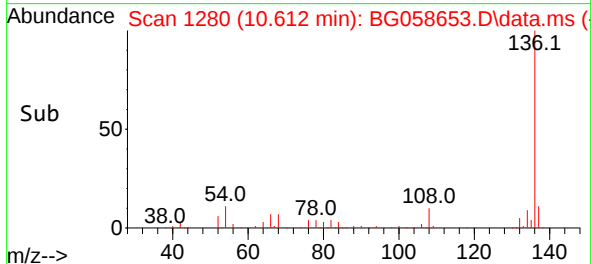
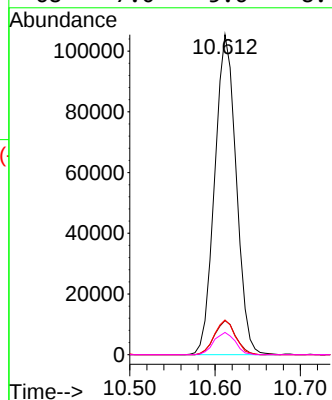
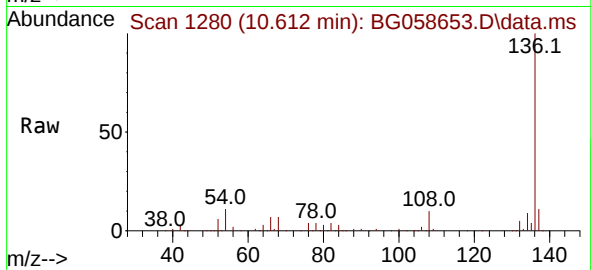




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1280
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

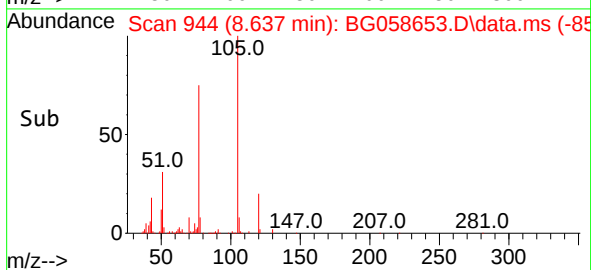
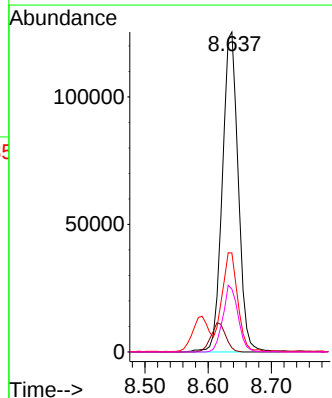
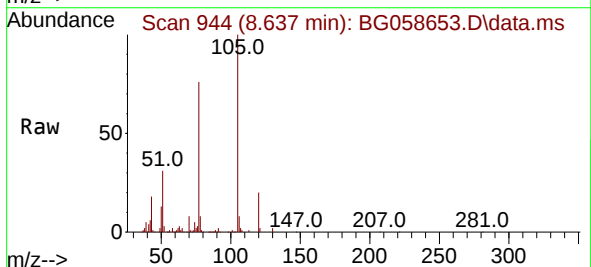
Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:	136	Resp:	184720
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.9	8.9	13.3
68	7.0	5.6	8.4



#22
Acetophenone
Concen: 44.277 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:	105	Resp:	218996
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.8	2.6
51	30.9	24.2	36.2
120	19.6	16.2	24.4

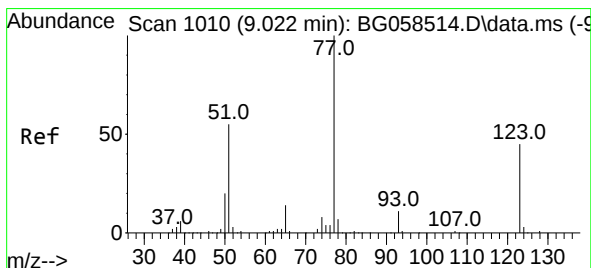
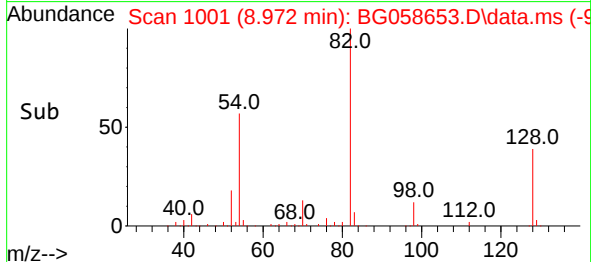
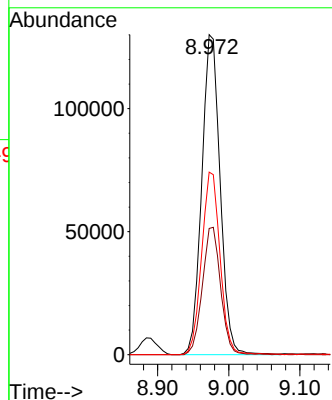
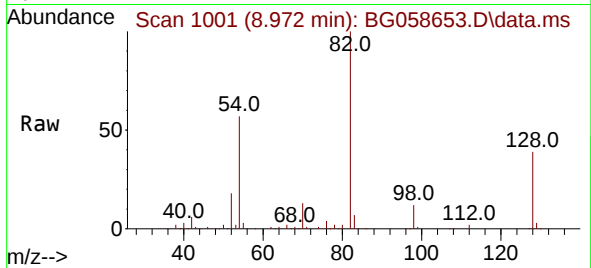




#23
Nitrobenzene-d5
Concen: 62.333 ng
RT: 8.972 min Scan# 1003
Delta R.T. -0.008 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

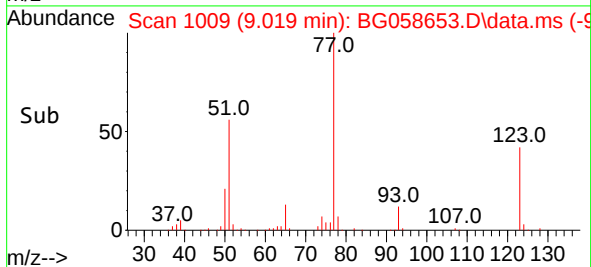
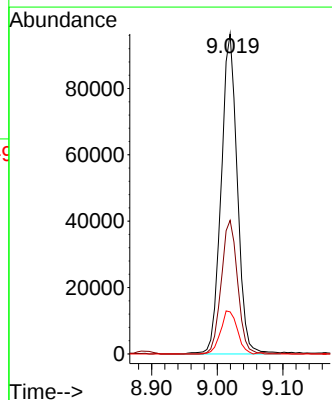
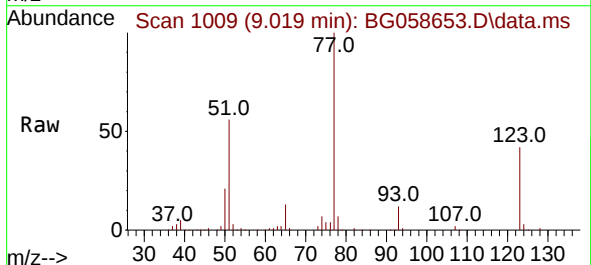
Instrument :
BNA_G
ClientSampleId :
TP-1MS

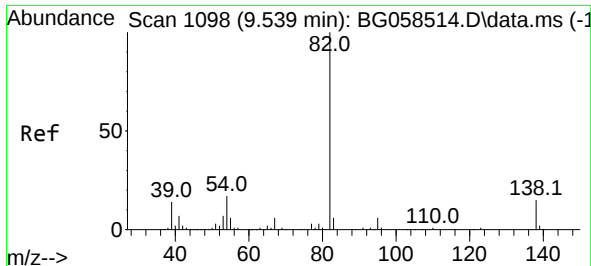
Tgt Ion: 82 Resp: 234383
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 57.0 46.0 69.0



#24
Nitrobenzene
Concen: 42.913 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 77 Resp: 164045
Ion Ratio Lower Upper
77 100
123 41.7 35.6 53.4
65 13.2 11.4 17.0

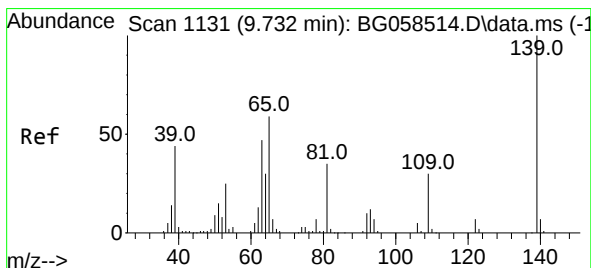
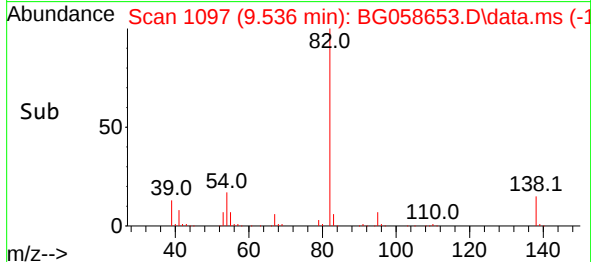
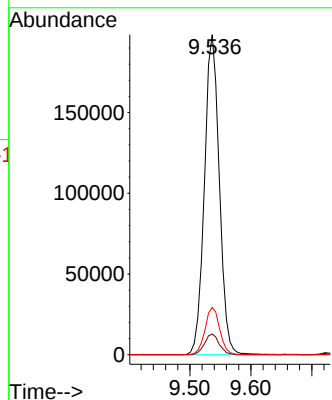
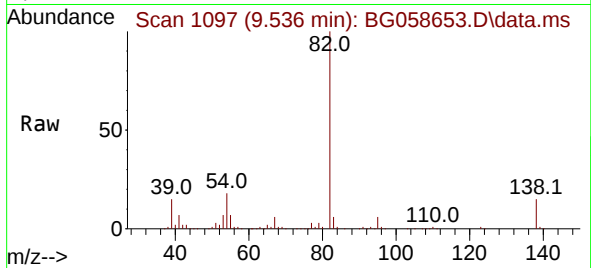




#25
Isophorone
Concen: 43.269 ng
RT: 9.536 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

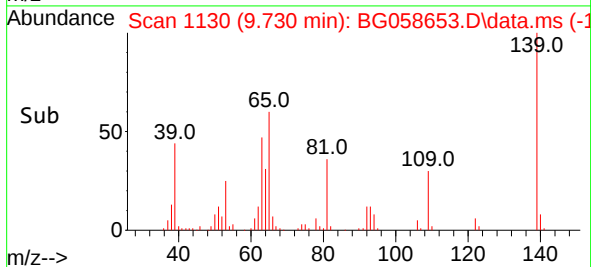
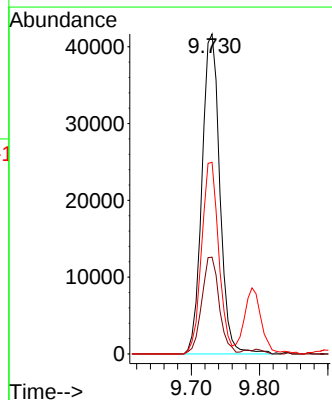
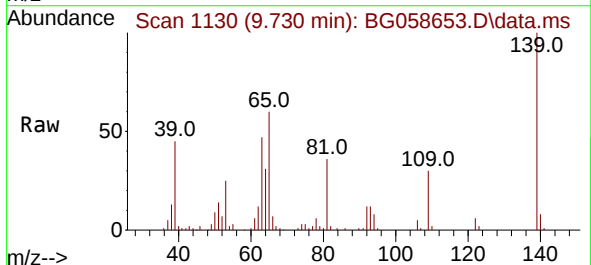
Instrument :
BNA_G
ClientSampleId :
TP-1MS

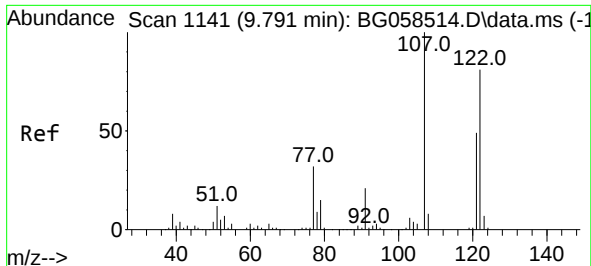
Tgt Ion: 82 Resp: 336169
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 45.593 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:139 Resp: 75867
Ion Ratio Lower Upper
139 100
109 30.2 24.2 36.2
65 59.9 47.0 70.4

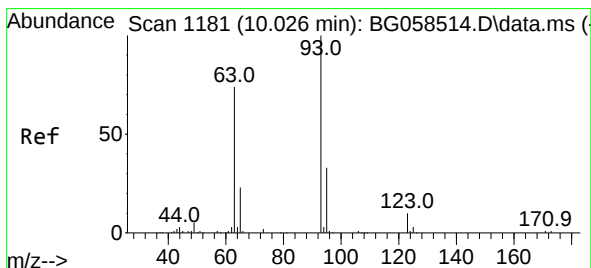
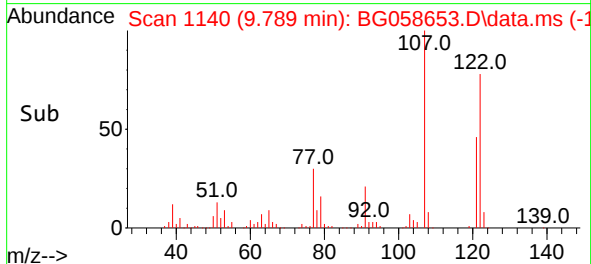
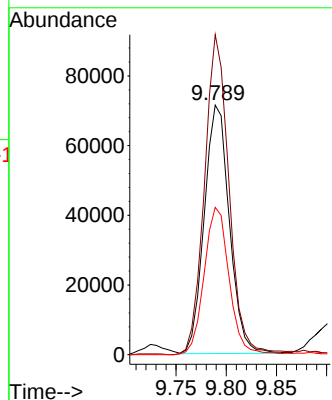
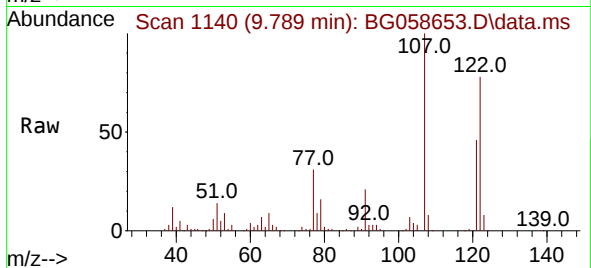




#27
2,4-Dimethylphenol
Concen: 45.027 ng
RT: 9.789 min Scan# 1141
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

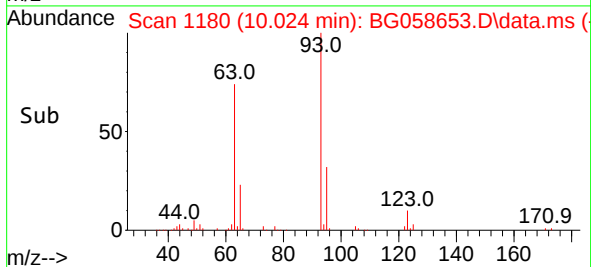
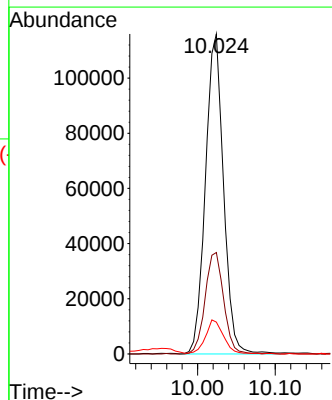
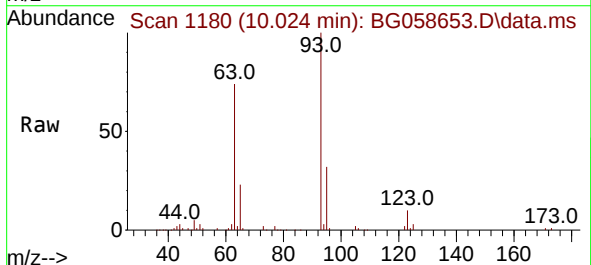
Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:122 Resp: 124282
Ion Ratio Lower Upper
122 100
107 128.2 98.0 147.0
121 59.1 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.340 ng
RT: 10.024 min Scan# 1180
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 93 Resp: 187474
Ion Ratio Lower Upper
93 100
95 31.7 26.0 39.0
123 9.9 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 50.019 ng

RT: 10.265 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

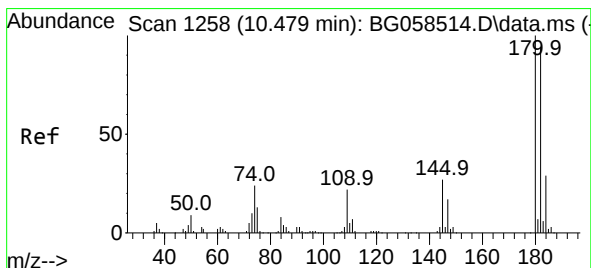
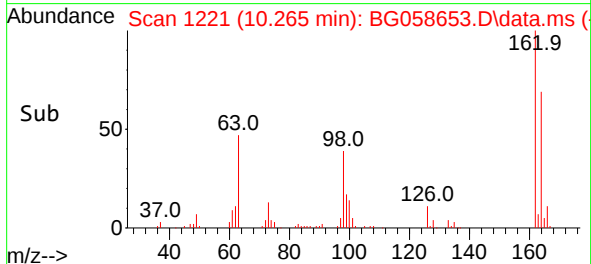
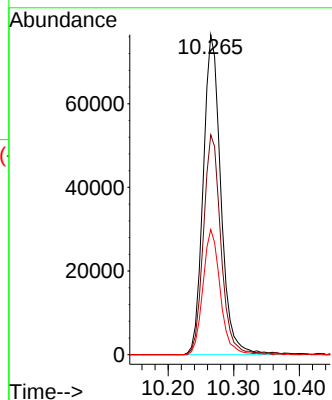
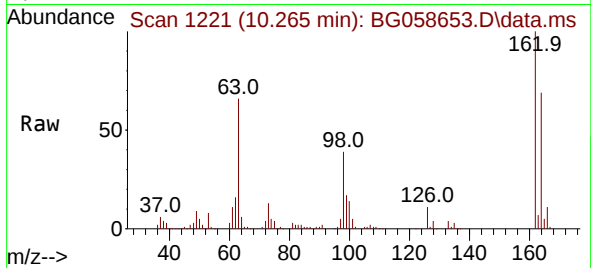
Tgt Ion:162 Resp: 143349

Ion Ratio Lower Upper

162 100

164 68.7 47.6 87.6

98 39.1 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 44.584 ng

RT: 10.477 min Scan# 1257

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

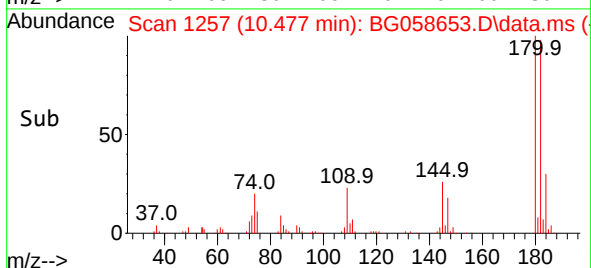
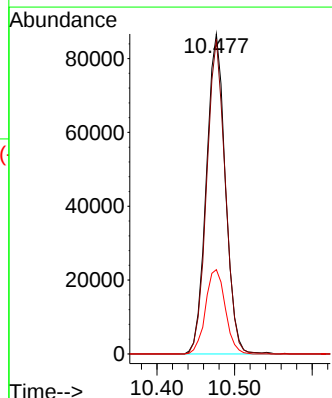
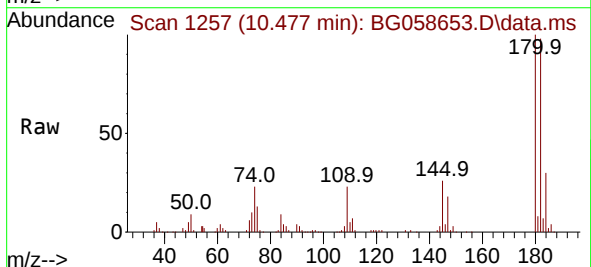
Tgt Ion:180 Resp: 147353

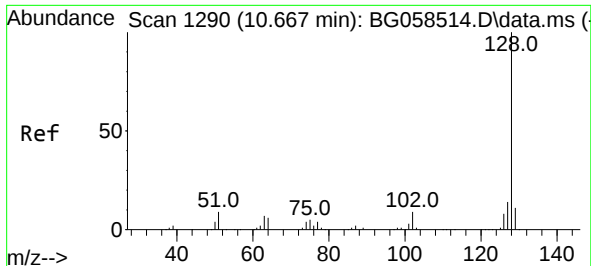
Ion Ratio Lower Upper

180 100

182 98.3 75.0 112.4

145 26.3 21.9 32.9

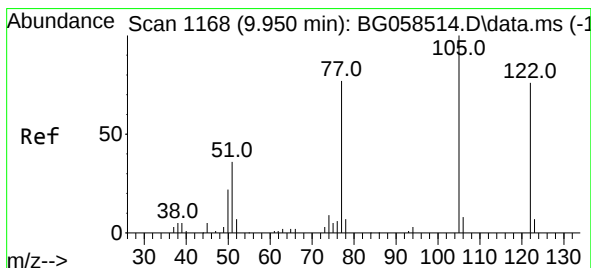
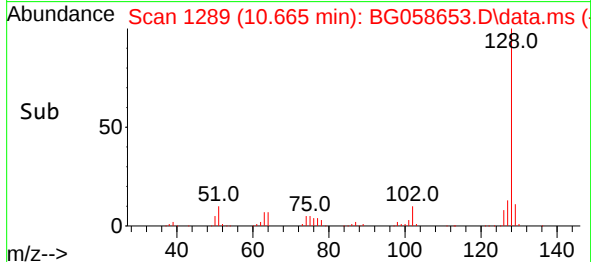
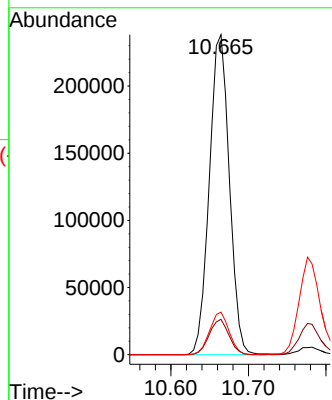
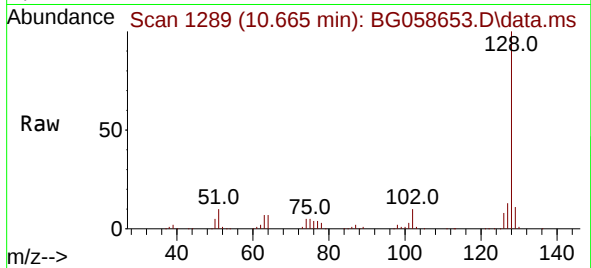




#31
Naphthalene
Concen: 43.975 ng
RT: 10.665 min Scan# 1169
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

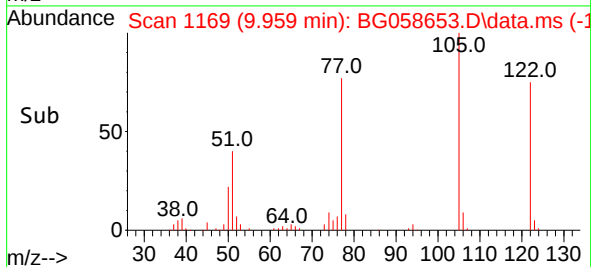
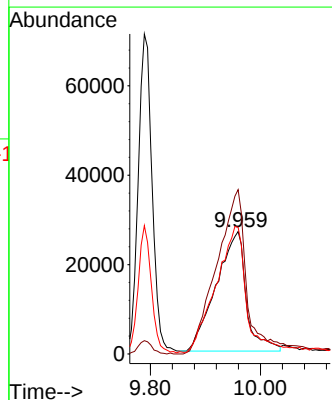
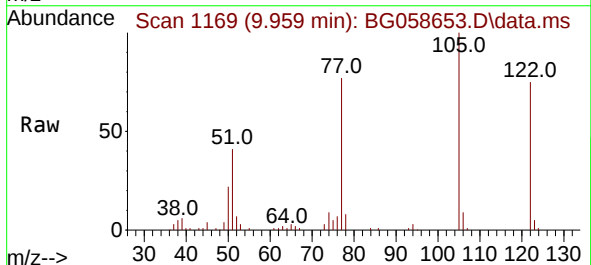
Instrument :
BNA_G
ClientSampleId :
TP-1MS

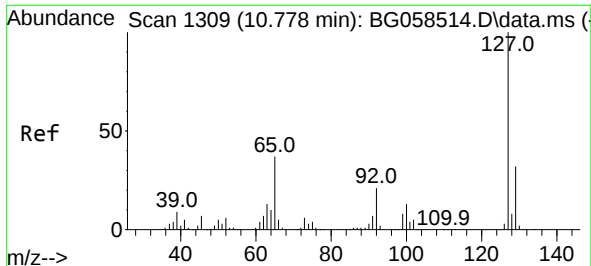
Tgt Ion:128 Resp: 428136
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 48.106 ng
RT: 9.959 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:122 Resp: 101390
Ion Ratio Lower Upper
122 100
105 134.2 106.5 146.5
77 103.5 78.1 118.1

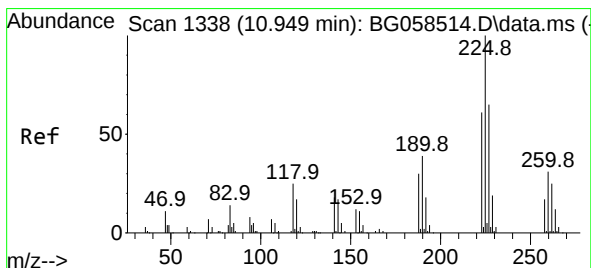
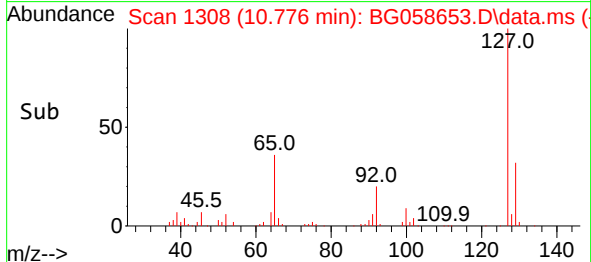
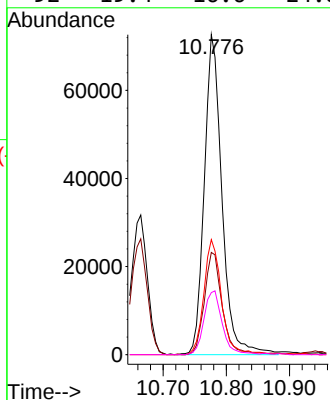
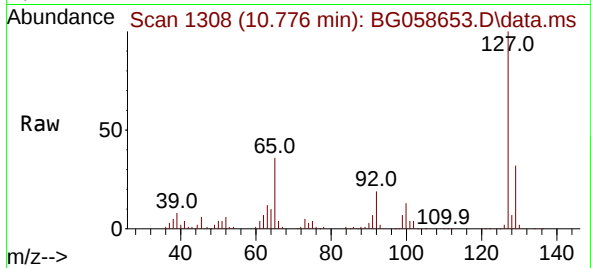




#33
4-Chloroaniline
Concen: 34.393 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

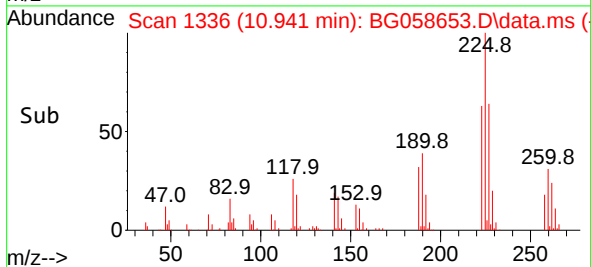
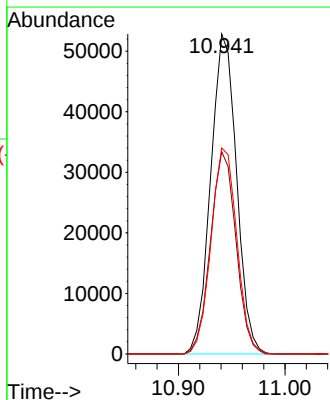
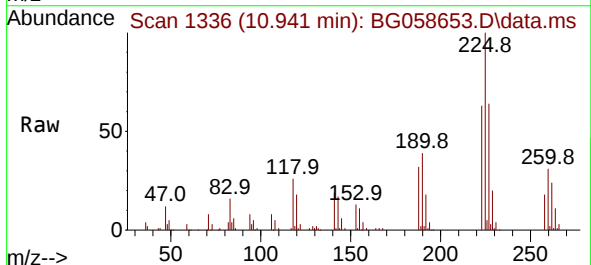
Instrument :
BNA_G
ClientSampleId :
TP-1MS

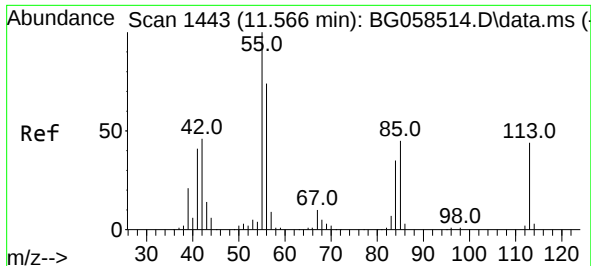
Tgt Ion:	127	Resp:	141472
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.4	38.2
65	36.0	29.5	44.3
92	19.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 41.699 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:	225	Resp:	88753
Ion Ratio	Lower	Upper	
225	100		
223	63.2	49.0	73.6
227	64.4	51.7	77.5

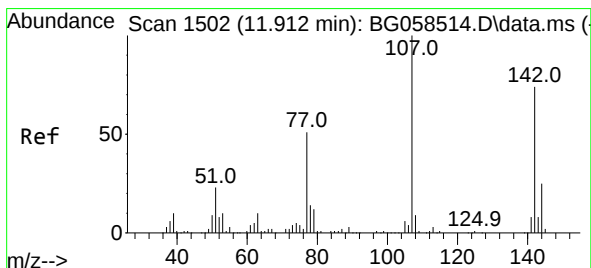
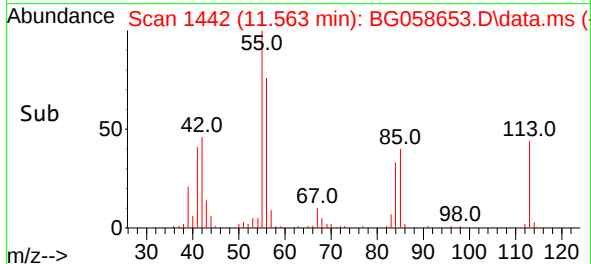
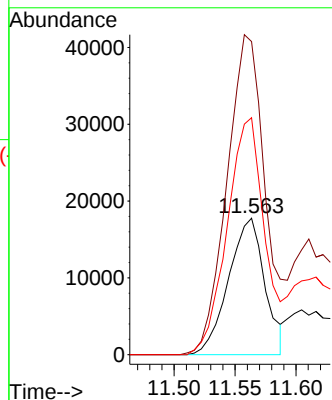
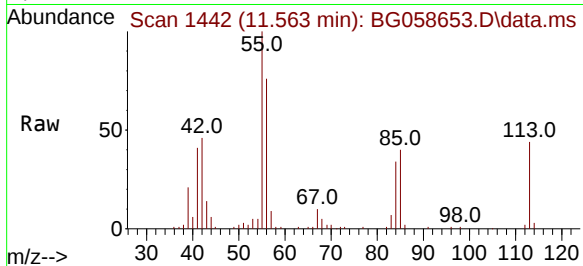




#35
Caprolactam
Concen: 34.660 ng
RT: 11.563 min Scan# 1442
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

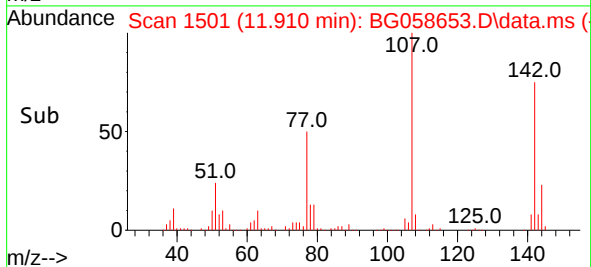
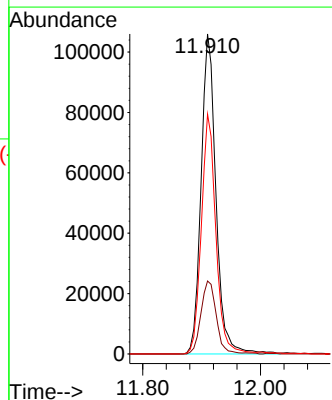
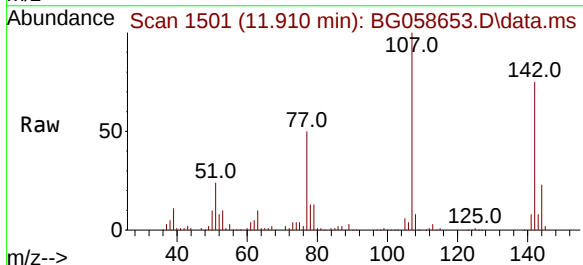
Instrument :
BNA_G
ClientSampleId :
TP-1MS

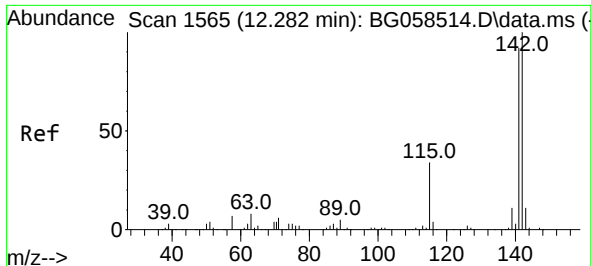
Tgt Ion:113 Resp: 36681
Ion Ratio Lower Upper
113 100
55 229.3 208.0 248.0
56 173.6 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 52.441 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:107 Resp: 185911
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 75.0 59.3 88.9





#37

2-Methylnaphthalene

Concen: 44.421 ng

RT: 12.274 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

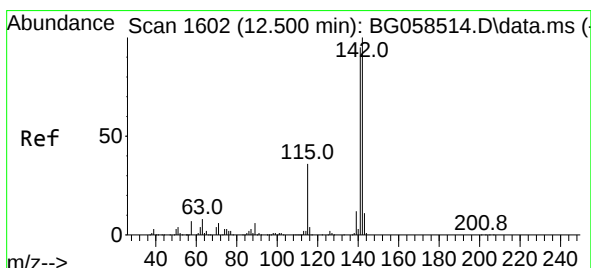
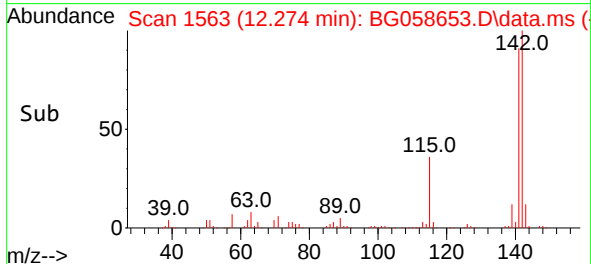
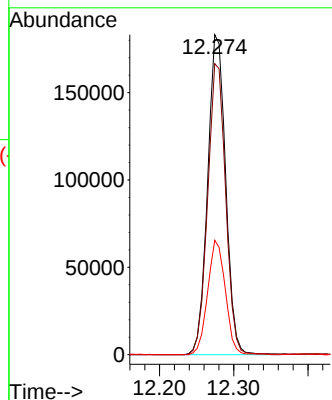
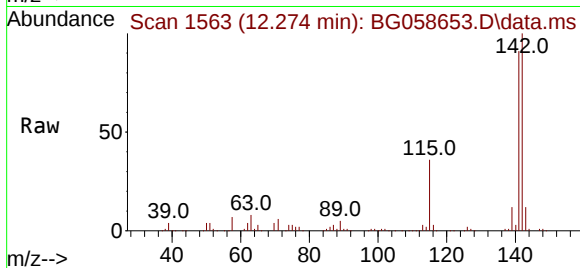
Tgt Ion:142 Resp: 309359

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3

115 35.8 27.4 41.0



#38

1-Methylnaphthalene

Concen: 45.490 ng

RT: 12.498 min Scan# 1601

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

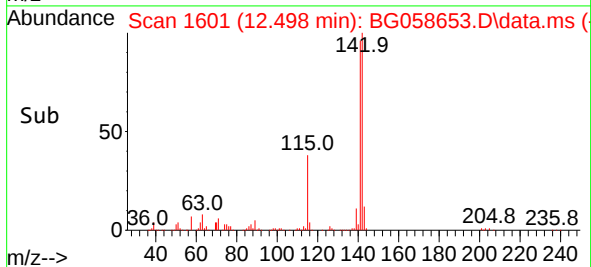
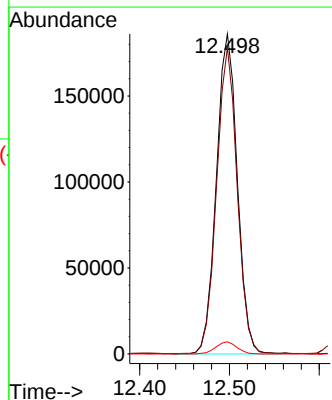
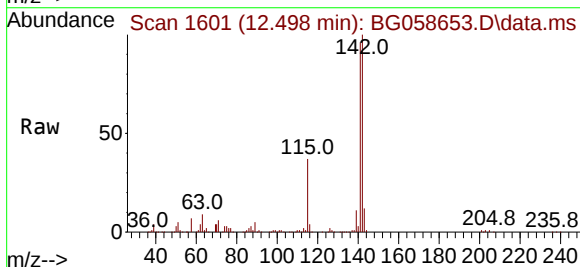
Tgt Ion:142 Resp: 301145

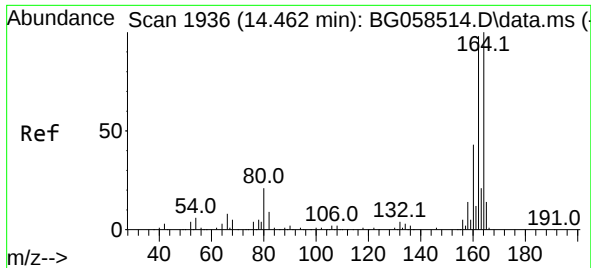
Ion Ratio Lower Upper

142 100

141 95.8 75.7 113.5

116 3.8 3.2 4.8

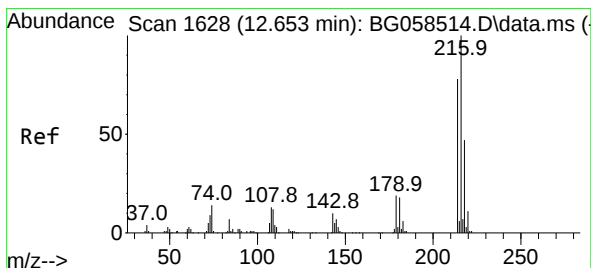
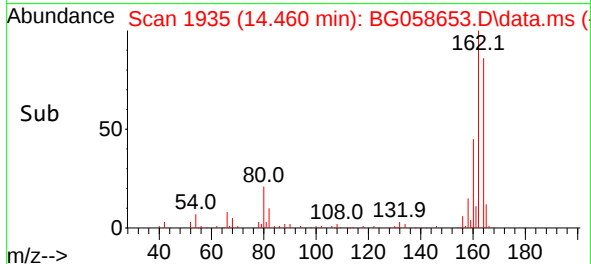
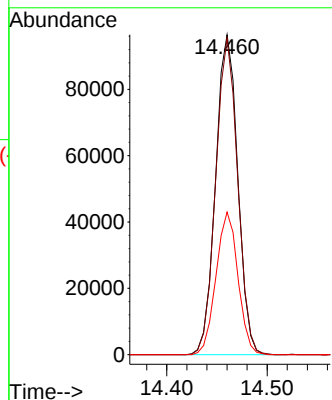
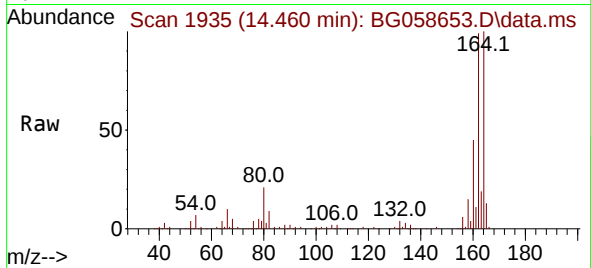




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

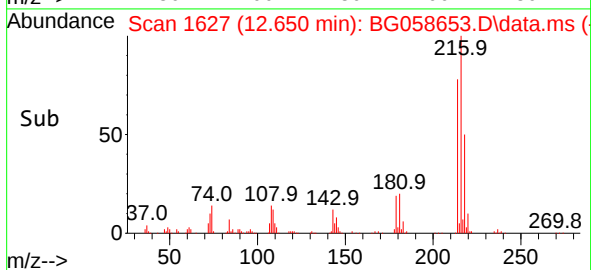
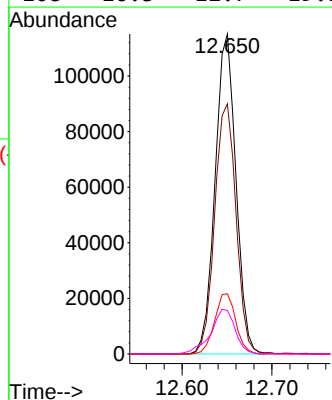
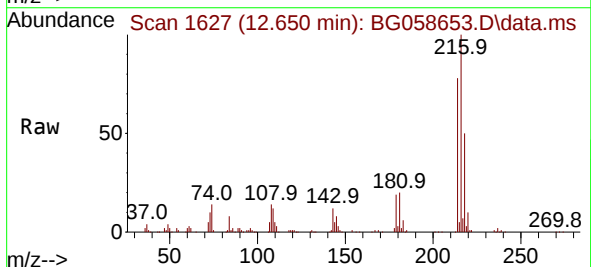
Instrument :
BNA_G
ClientSampleId :
TP-1MS

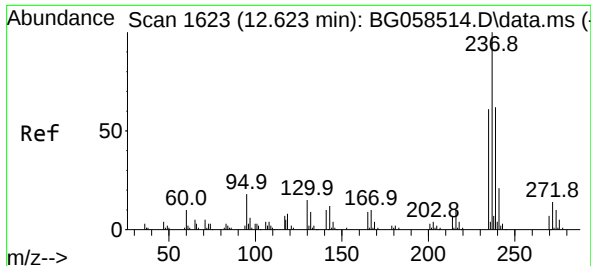
Tgt Ion:164 Resp: 147762
Ion Ratio Lower Upper
164 100
162 98.8 78.3 117.5
160 44.6 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.863 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

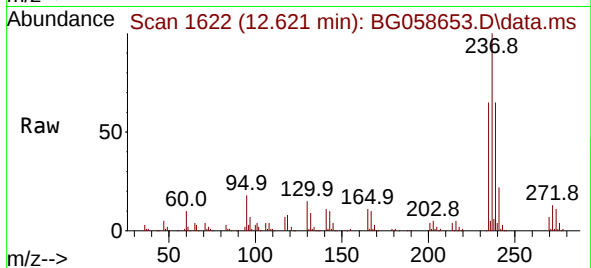
Tgt Ion:216 Resp: 185371
Ion Ratio Lower Upper
216 100
214 80.3 63.1 94.7
179 19.1 15.6 23.4
108 16.3 12.7 19.1



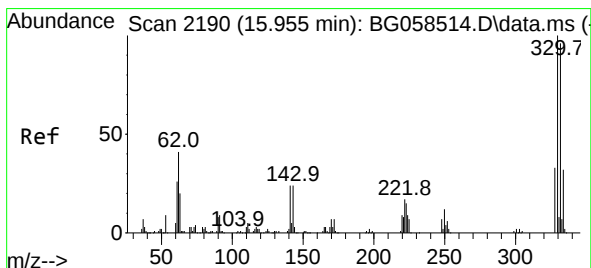
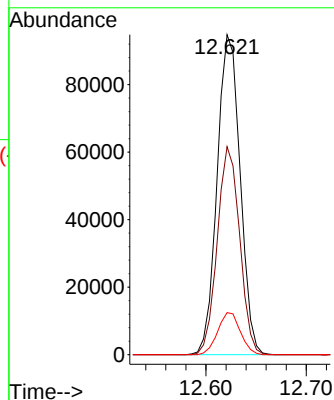
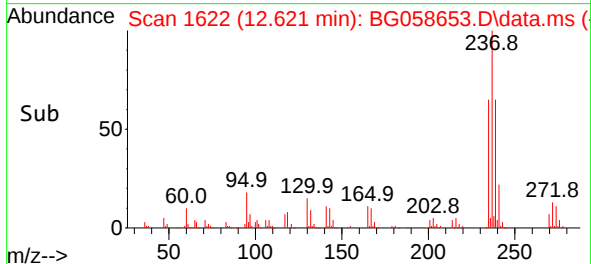


#41
Hexachlorocyclopentadiene
Concen: 72.314 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

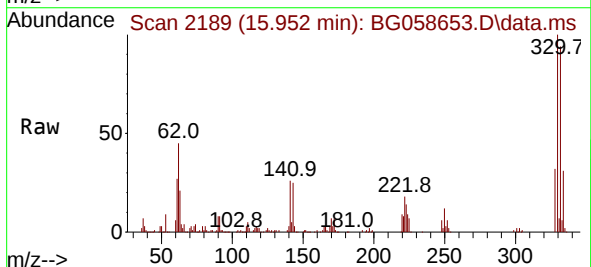
Instrument :
BNA_G
ClientSampleId :
TP-1MS



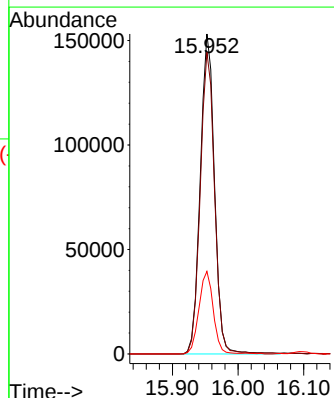
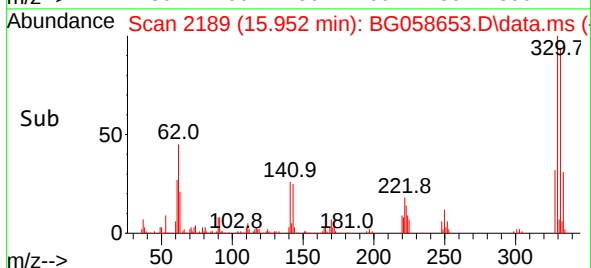
Tgt Ion:237 Resp: 150862
Ion Ratio Lower Upper
237 100
235 65.0 41.0 81.0
272 13.2 0.0 33.6

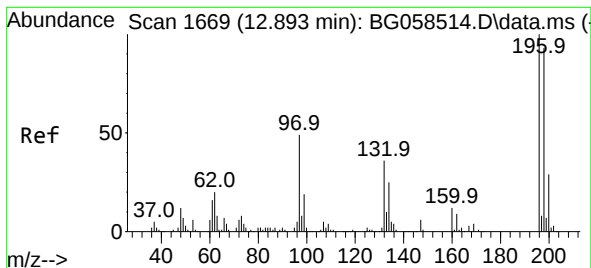


#42
2,4,6-Tribromophenol
Concen: 95.476 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51



Tgt Ion:330 Resp: 231235
Ion Ratio Lower Upper
330 100
332 94.7 77.5 116.3
141 26.2 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 45.194 ng

RT: 12.891 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

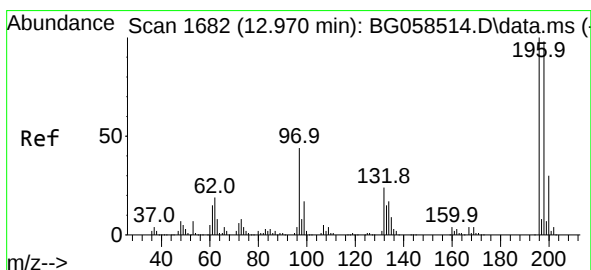
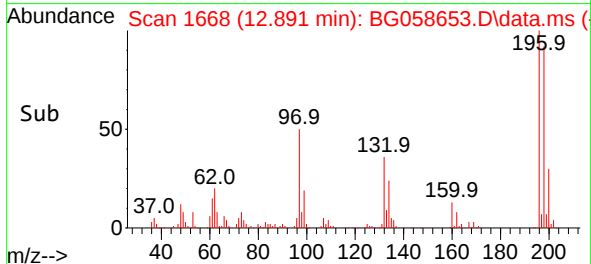
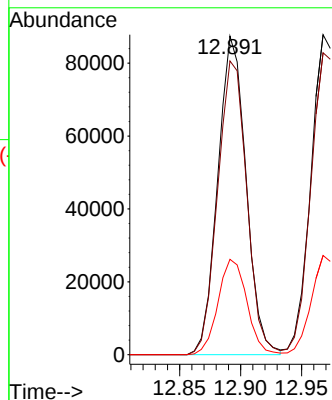
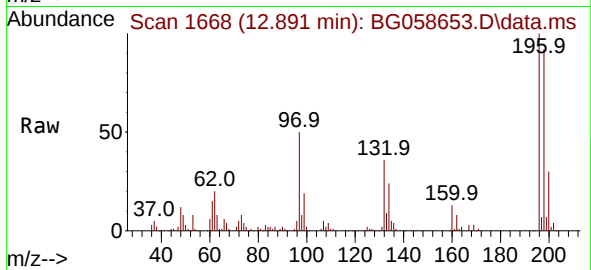
Tgt Ion:196 Resp: 141014

Ion Ratio Lower Upper

196 100

198 92.2 74.2 111.4

200 29.9 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 42.172 ng

RT: 12.968 min Scan# 1681

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Tgt Ion:196 Resp: 154988

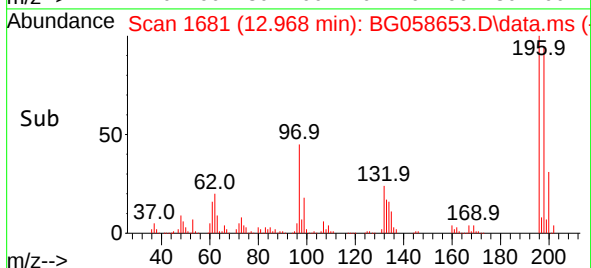
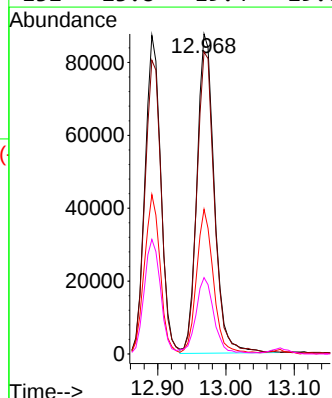
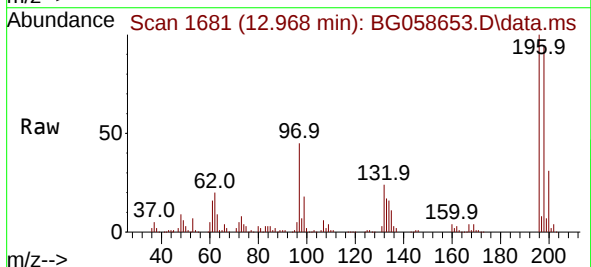
Ion Ratio Lower Upper

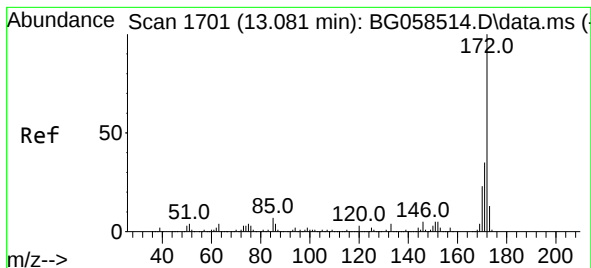
196 100

198 94.3 78.3 117.5

97 45.2 35.2 52.8

132 23.8 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 59.703 ng

RT: 13.079 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

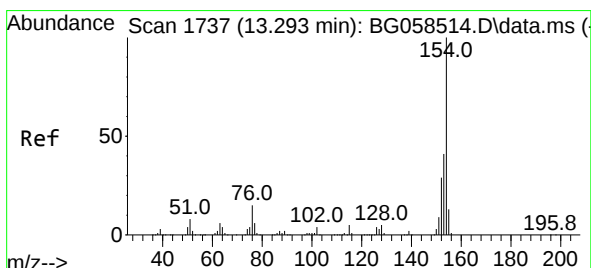
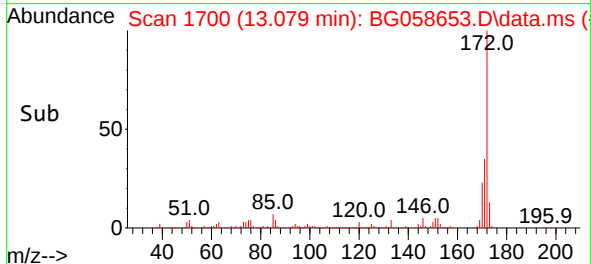
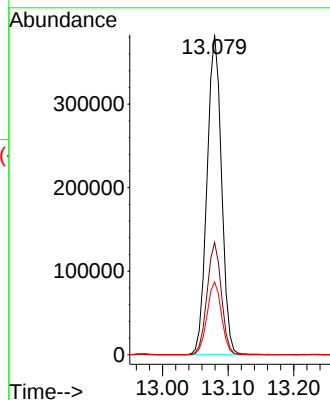
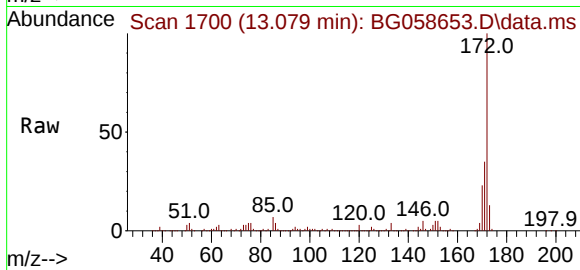
Tgt Ion:172 Resp: 588674

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 22.8 18.4 27.6



#46

1,1'-Biphenyl

Concen: 41.966 ng

RT: 13.291 min Scan# 1736

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

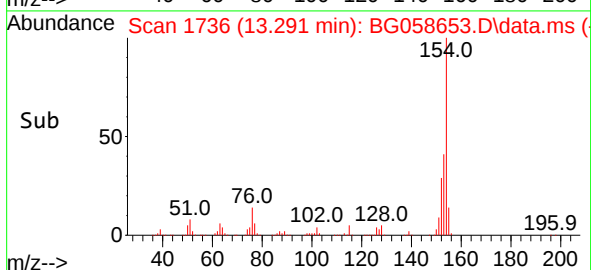
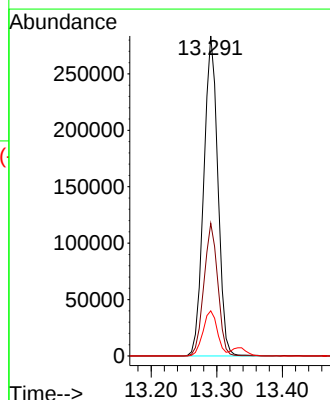
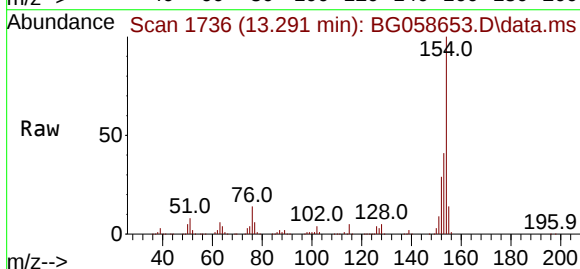
Tgt Ion:154 Resp: 425855

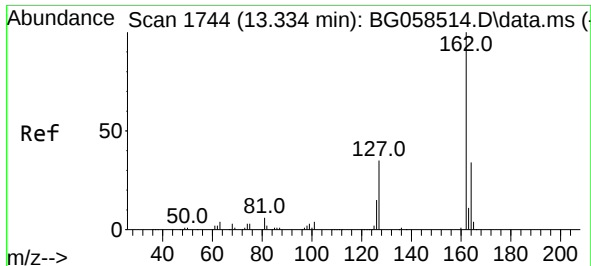
Ion Ratio Lower Upper

154 100

153 41.4 21.2 61.2

76 14.1 0.0 34.7

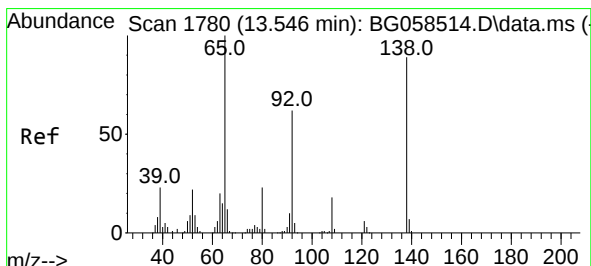
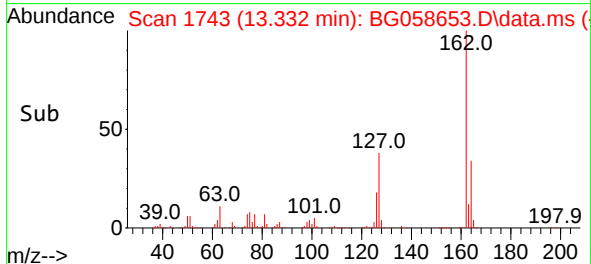
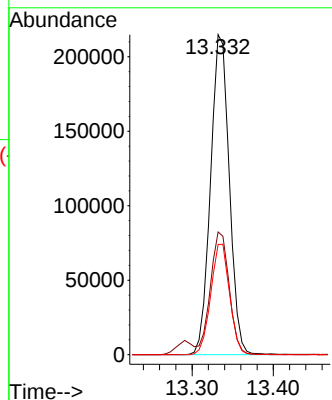
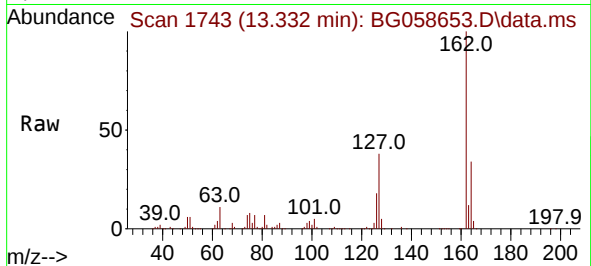




#47
2-Chloronaphthalene
Concen: 43.487 ng
RT: 13.332 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

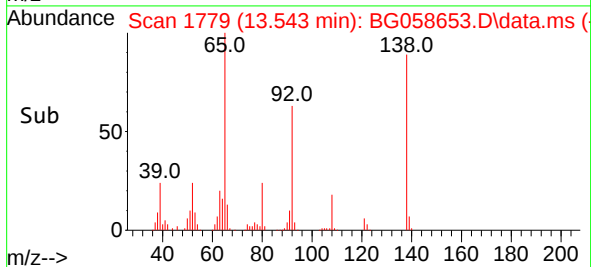
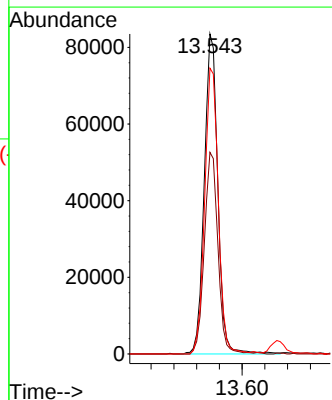
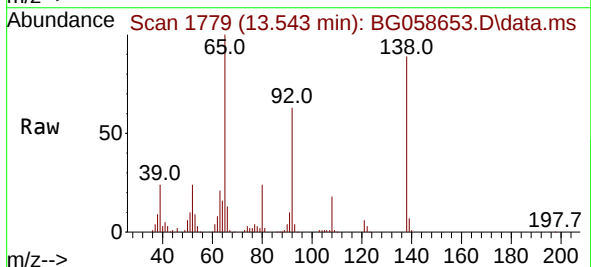
Instrument :
BNA_G
ClientSampleId :
TP-IMS

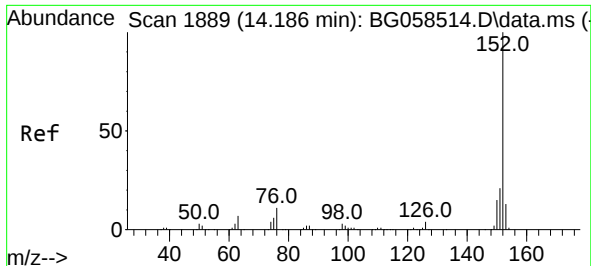
Tgt Ion:162 Resp: 344074
Ion Ratio Lower Upper
162 100
127 38.3 30.9 46.3
164 34.5 27.2 40.8



#48
2-Nitroaniline
Concen: 45.585 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion: 65 Resp: 137667
Ion Ratio Lower Upper
65 100
92 63.0 49.2 73.8
138 89.3 71.5 107.3

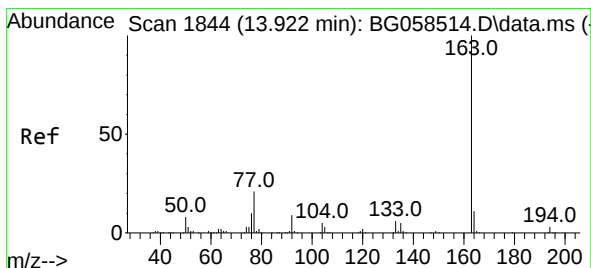
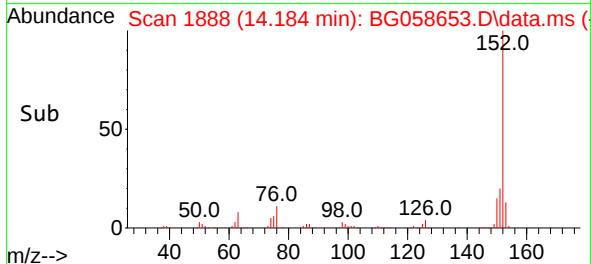
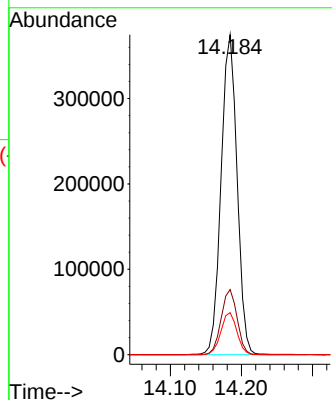
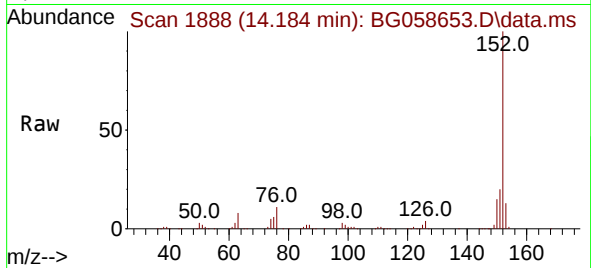




#49
Acenaphthylene
Concen: 44.030 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

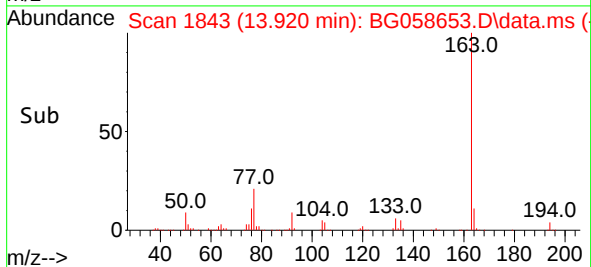
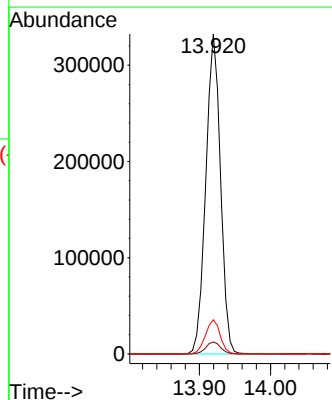
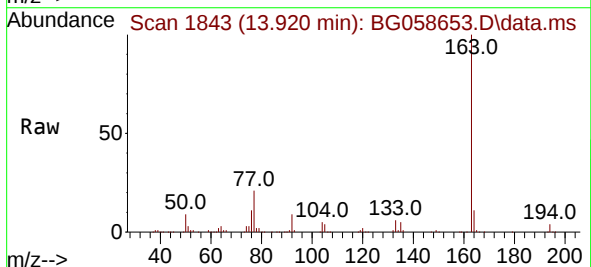
Instrument :
BNA_G
ClientSampleId :
TP-1MS

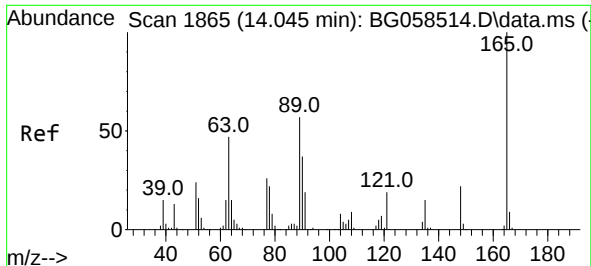
Tgt Ion:152 Resp: 583255
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 43.072 ng
RT: 13.920 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:163 Resp: 477988
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 8.6 12.8

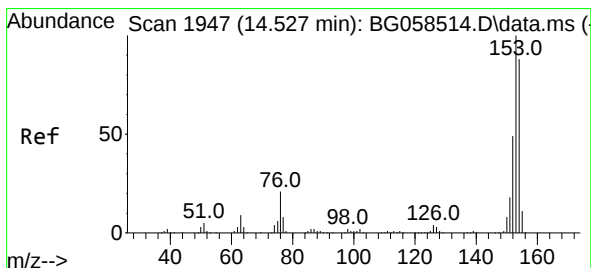
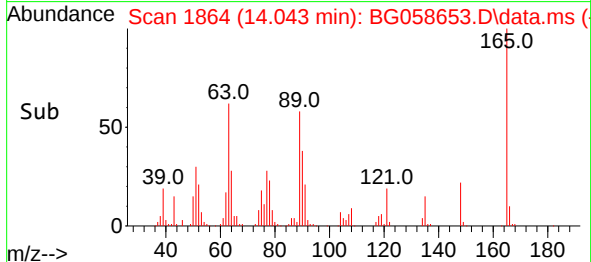
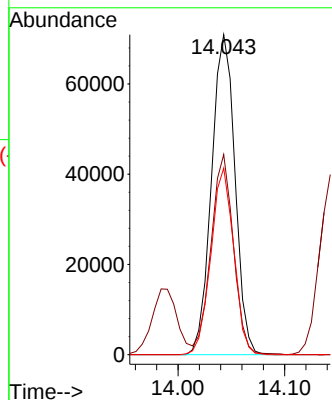
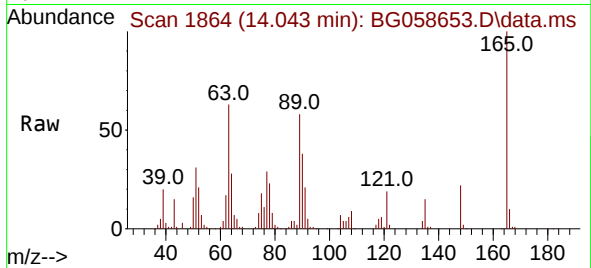




#51
2,6-Dinitrotoluene
Concen: 44.421 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

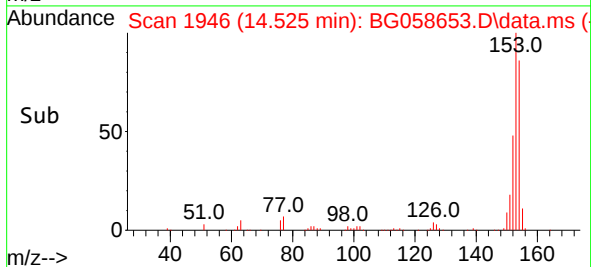
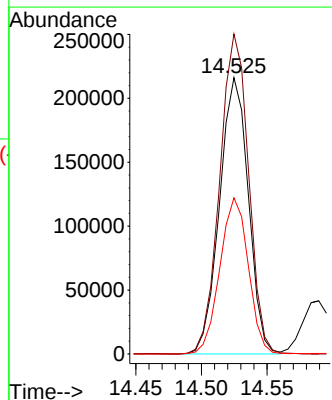
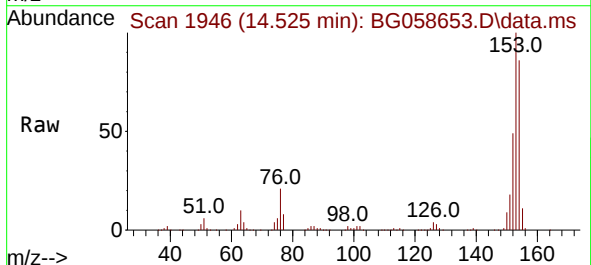
Instrument :
BNA_G
ClientSampleId :
TP-1MS

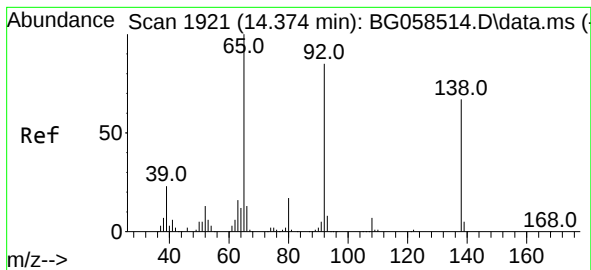
Tgt Ion:165 Resp: 108163
Ion Ratio Lower Upper
165 100
63 62.6 46.4 69.6
89 58.3 45.3 67.9



#52
Acenaphthene
Concen: 43.107 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:154 Resp: 329952
Ion Ratio Lower Upper
154 100
153 115.8 91.1 136.7
152 56.5 44.6 66.8

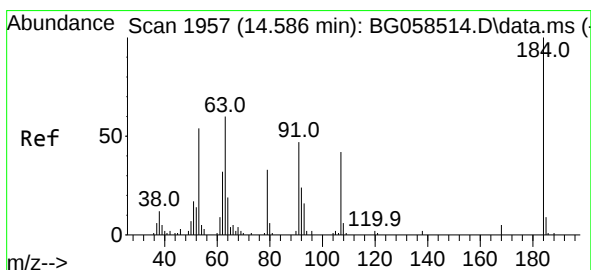
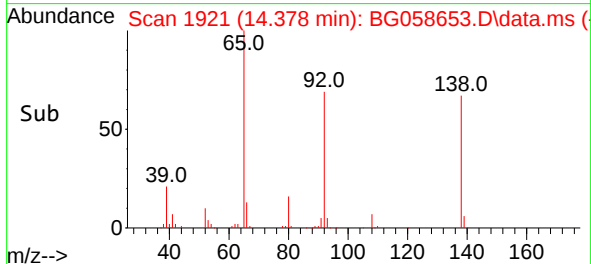
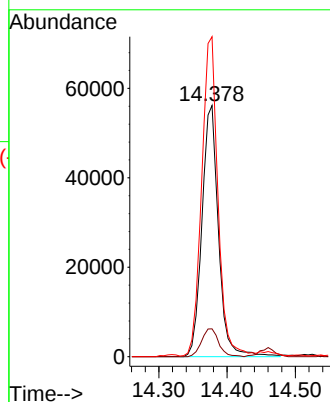
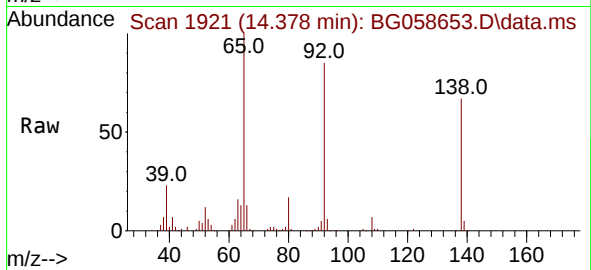




#53
3-Nitroaniline
Concen: 38.859 ng
RT: 14.378 min Scan# 1921
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

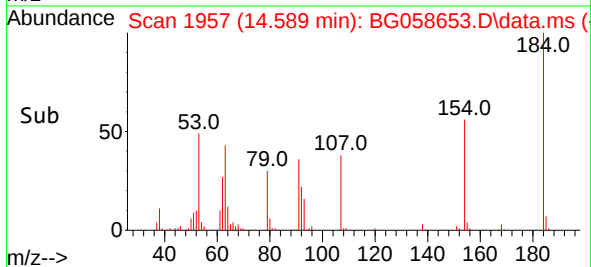
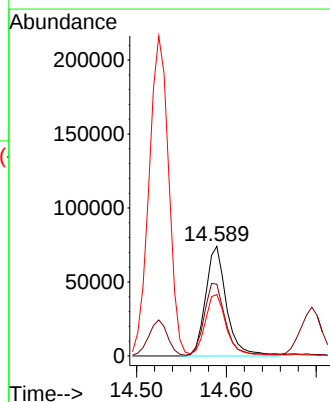
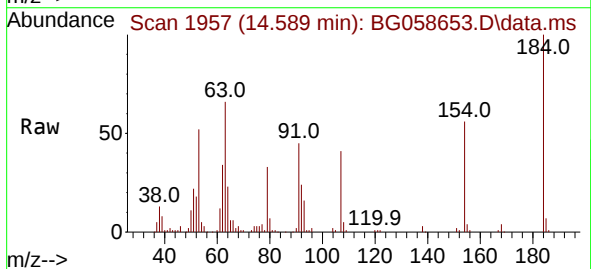
Instrument :
BNA_G
ClientSampleId :
TP-1MS

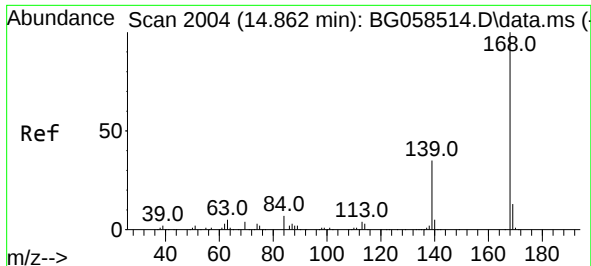
Tgt Ion:138 Resp: 94666
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 127.4 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 86.361 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:184 Resp: 119443
Ion Ratio Lower Upper
184 100
63 65.5 56.7 85.1
154 56.1 46.1 69.1

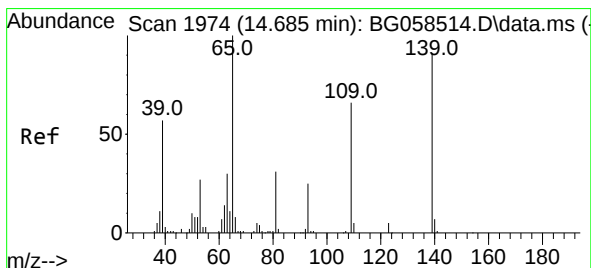
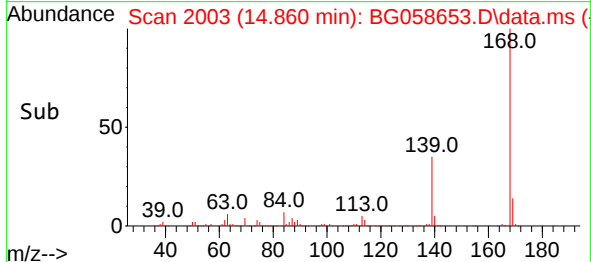
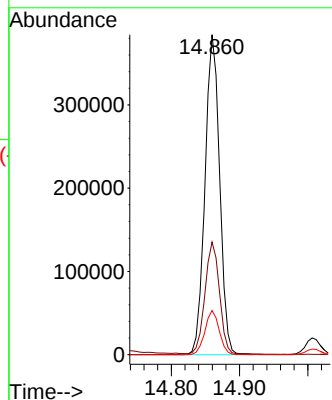
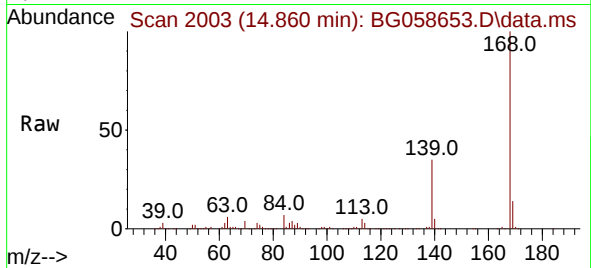




#55
Dibenzenofuran
Concen: 43.632 ng
RT: 14.860 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

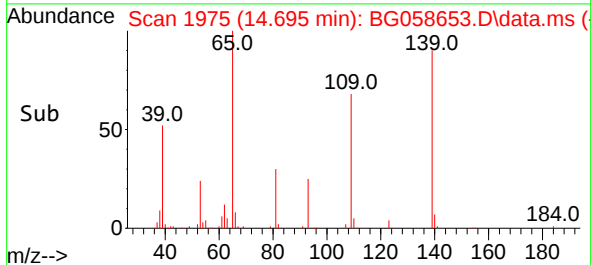
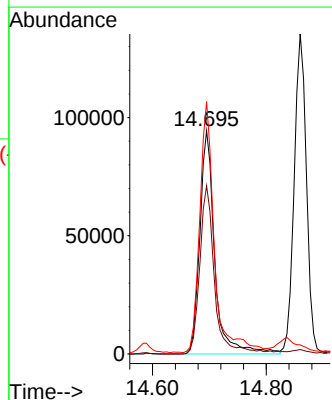
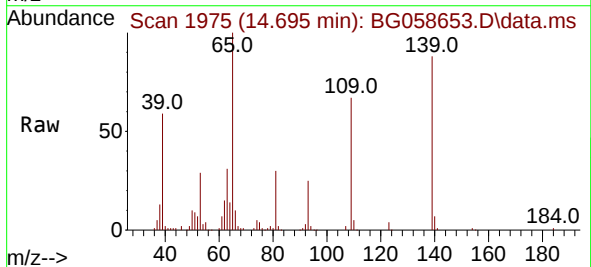
Instrument :
BNA_G
ClientSampleId :
TP-1MS

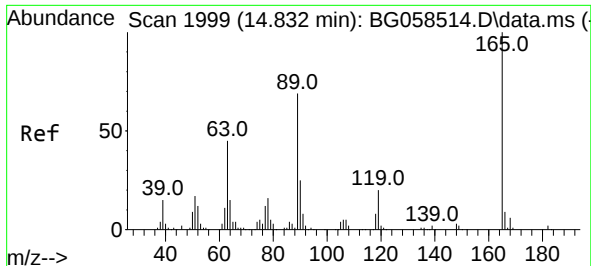
Tgt Ion:168 Resp: 573867
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.8
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 94.821 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:139 Resp: 172328
Ion Ratio Lower Upper
139 100
109 75.4 52.5 92.5
65 113.1 90.5 130.5





#57

2,4-Dinitrotoluene

Concen: 45.659 ng

RT: 14.836 min Scan# 1999

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:165 Resp: 154132

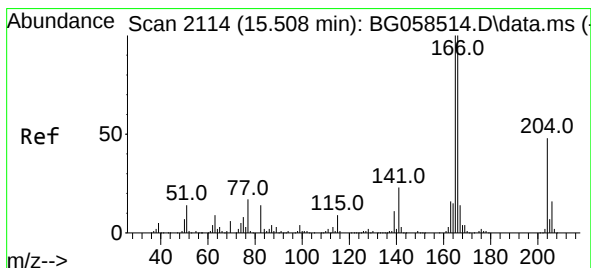
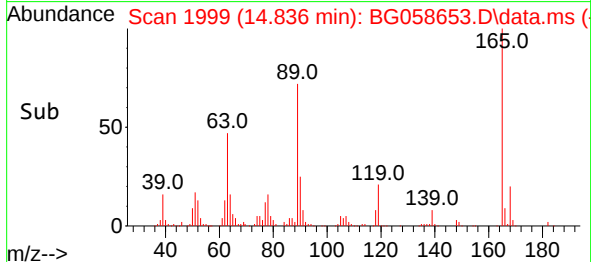
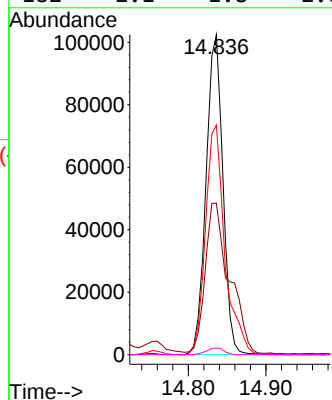
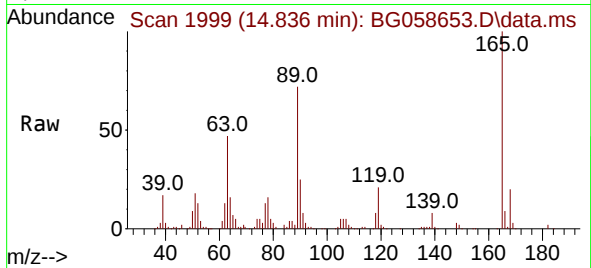
Ion Ratio Lower Upper

165 100

63 47.4 36.6 54.8

89 71.8 55.4 83.0

182 2.1 1.8 2.6



#58

Fluorene

Concen: 44.050 ng

RT: 15.512 min Scan# 2114

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

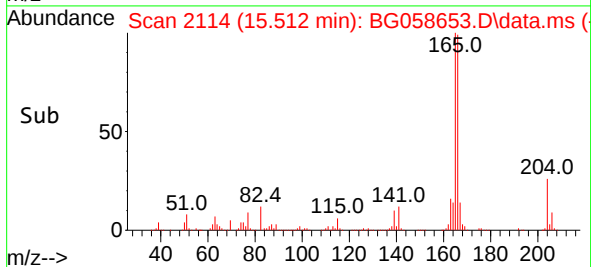
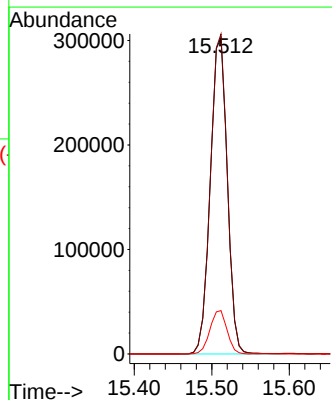
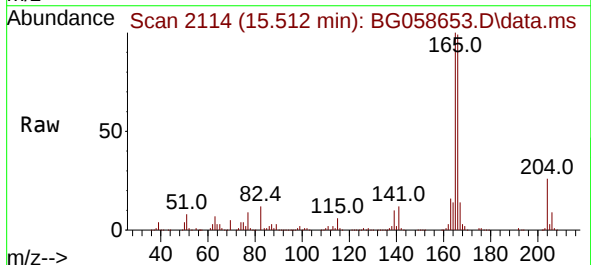
Tgt Ion:166 Resp: 460245

Ion Ratio Lower Upper

166 100

165 101.2 80.0 120.0

167 13.7 11.3 16.9

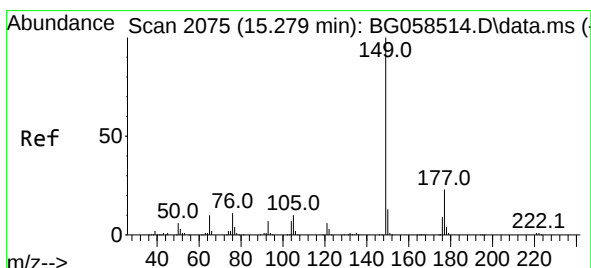
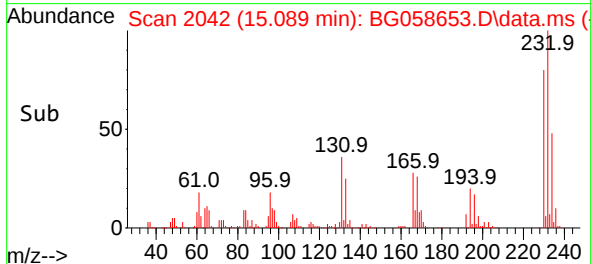
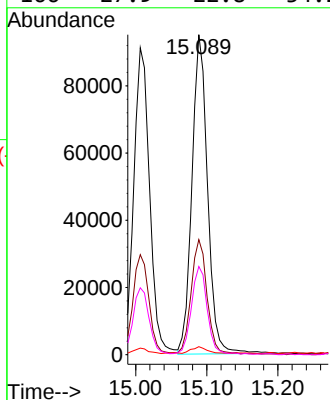
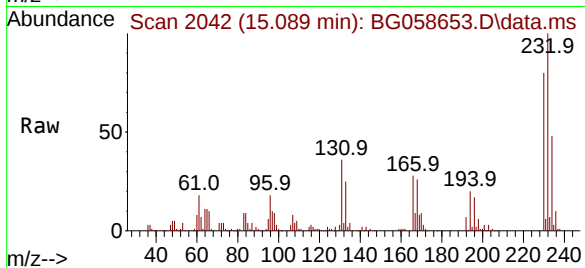




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.358 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

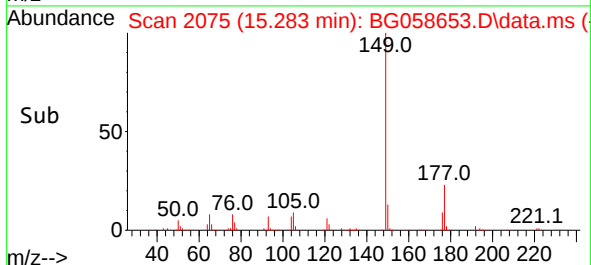
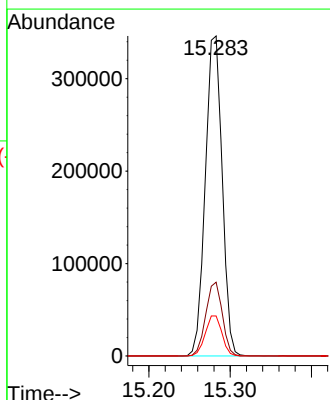
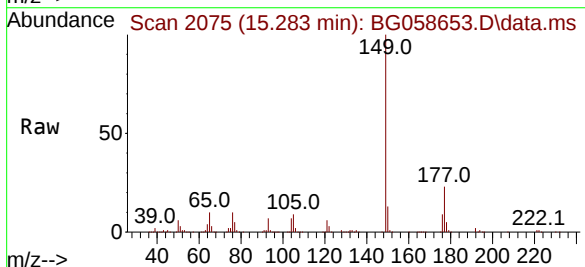
Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:232 Resp: 145383
Ion Ratio Lower Upper
232 100
131 36.7 30.0 45.0
130 2.4 1.5 2.3#
166 27.9 22.8 34.2



#60
Diethylphthalate
Concen: 44.042 ng
RT: 15.283 min Scan# 2075
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:149 Resp: 497908
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.5 10.2 15.4

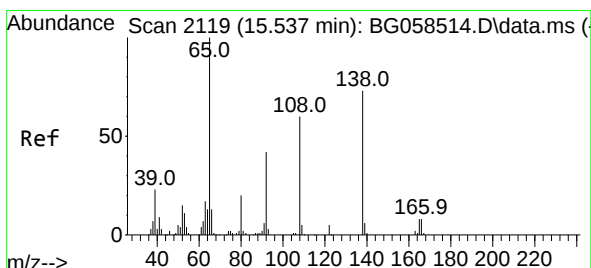
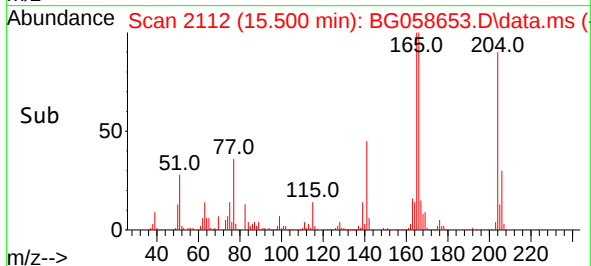
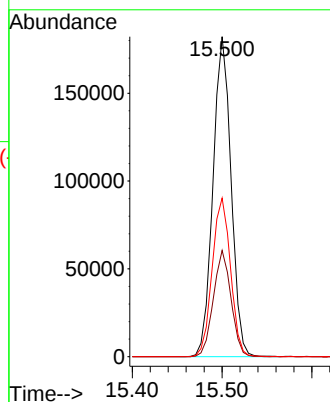
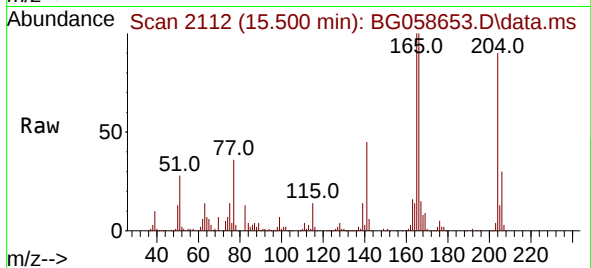




#61
4-Chlorophenyl-phenylether
Concen: 43.682 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

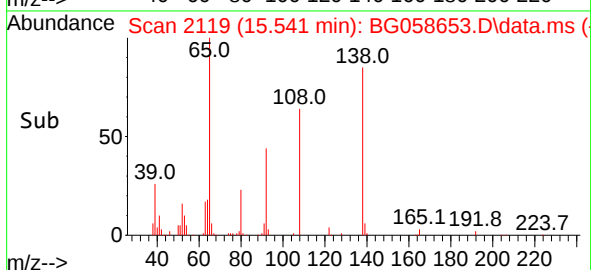
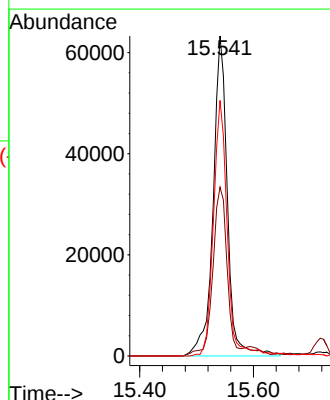
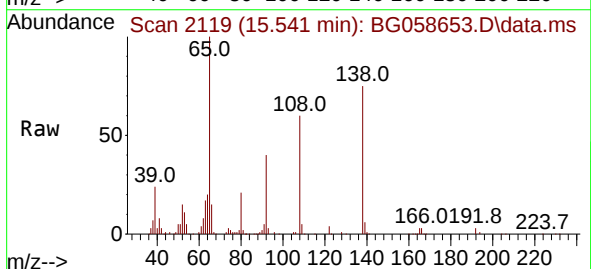
Instrument :
BNA_G
ClientSampleId :
TP-1MS

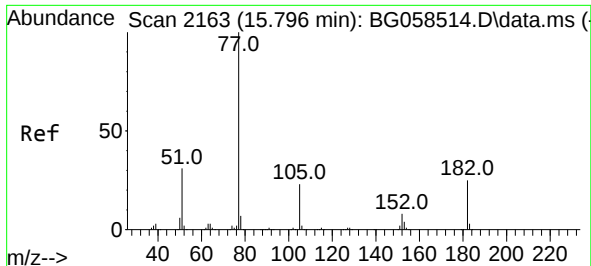
Tgt Ion:204 Resp: 254452
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 49.6 40.8 61.2



#62
4-Nitroaniline
Concen: 47.661 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:138 Resp: 109991
Ion Ratio Lower Upper
138 100
92 52.8 37.3 77.3
108 79.9 62.6 102.6

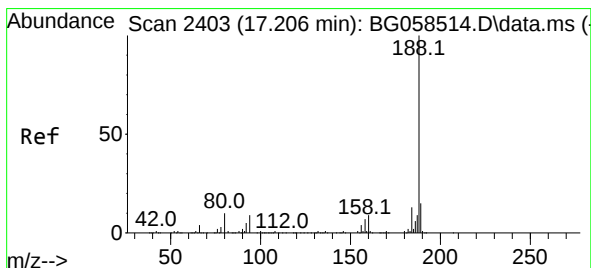
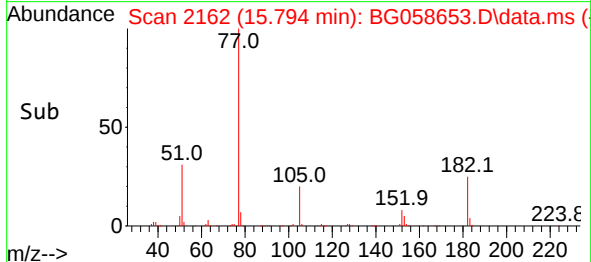
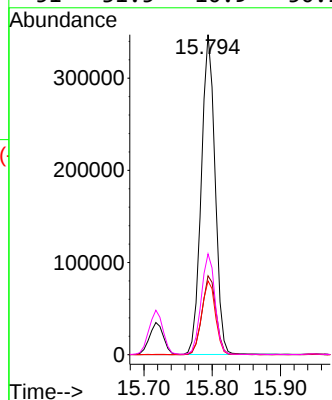
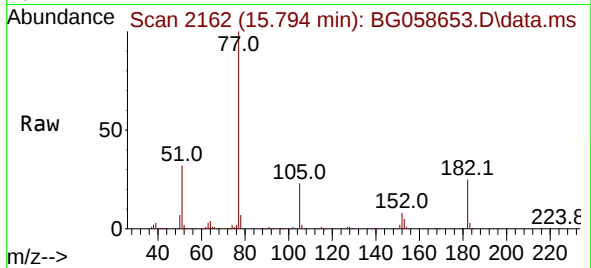




#63
Azobenzene
Concen: 43.709 ng
RT: 15.794 min Scan# 2162
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

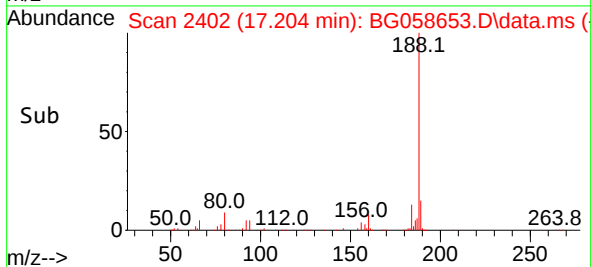
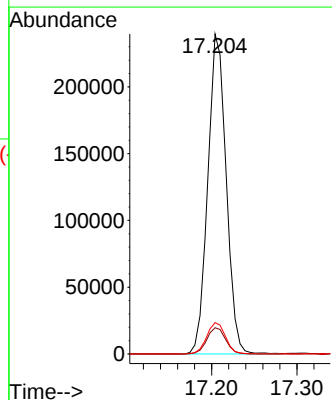
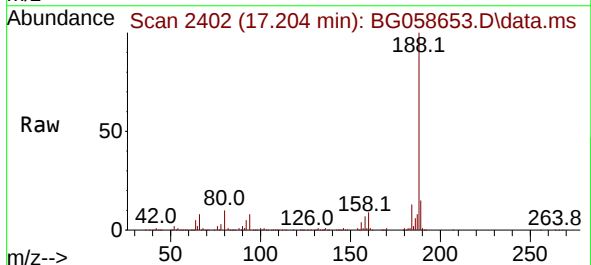
Instrument :
BNA_G
ClientSampleId :
TP-1MS

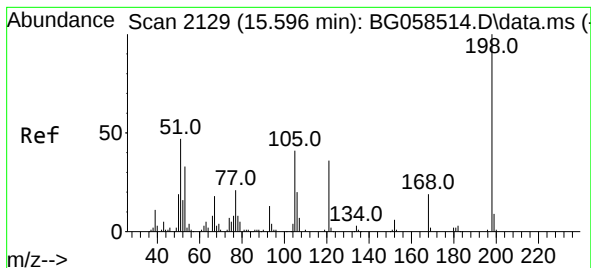
Tgt Ion: 77 Resp: 486716
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 23.0 3.3 43.3
51 31.5 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:188 Resp: 359844
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.8 8.1 12.1

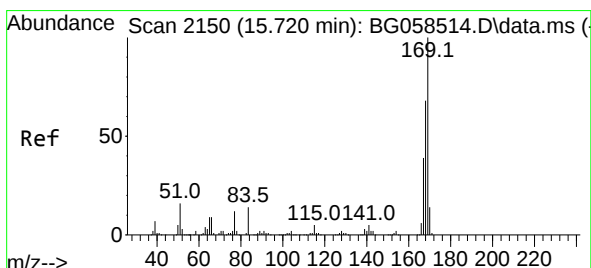
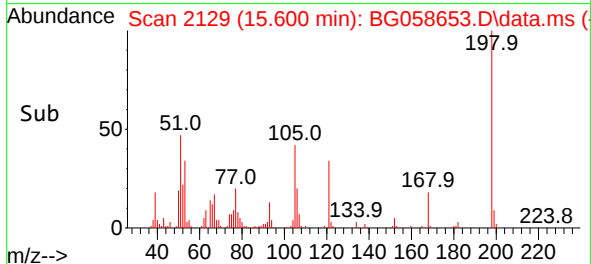
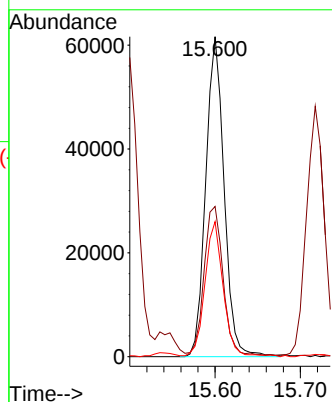
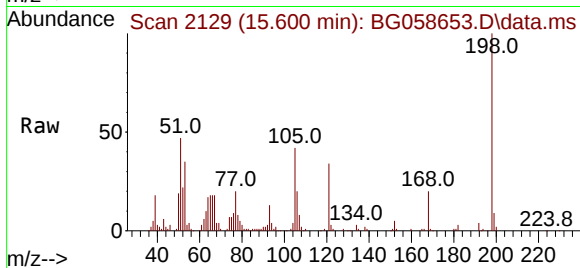




#65
4,6-Dinitro-2-methylphenol
Concen: 46.589 ng
RT: 15.600 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

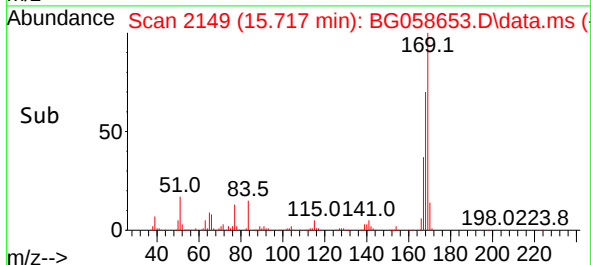
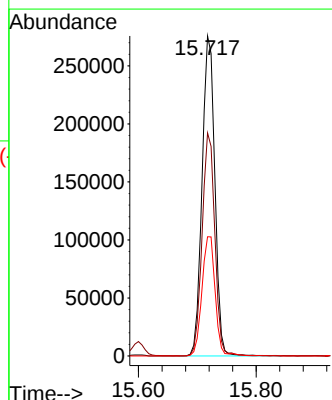
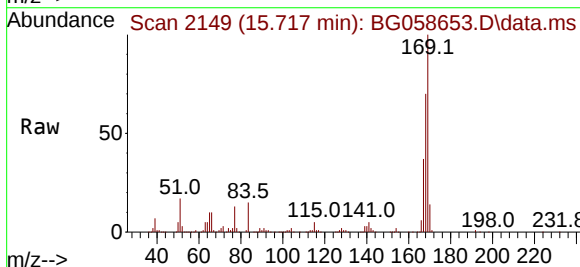
Instrument :
BNA_G
ClientSampleId :
TP-1MS

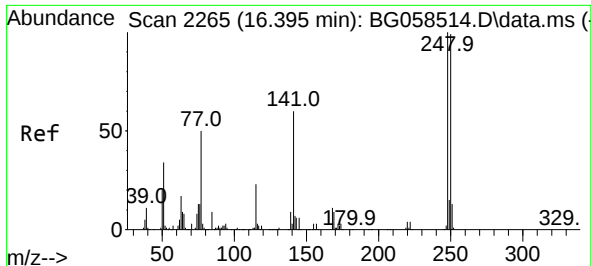
Tgt Ion:198 Resp: 92440
Ion Ratio Lower Upper
198 100
51 46.9 29.3 69.3
105 42.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 44.382 ng
RT: 15.717 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:169 Resp: 415673
Ion Ratio Lower Upper
169 100
168 69.7 54.6 82.0
167 37.3 31.3 46.9

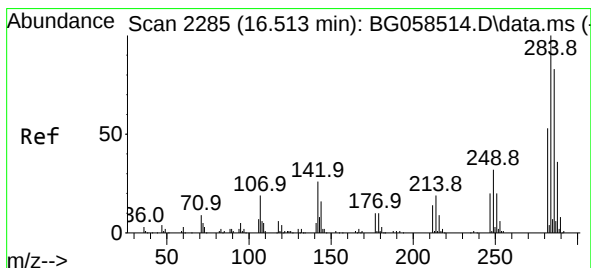
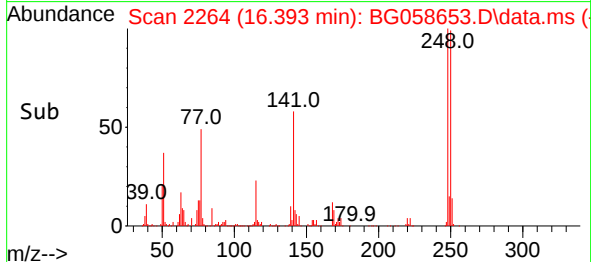
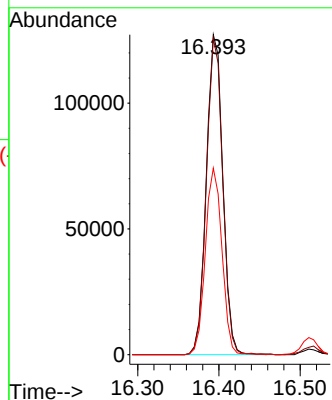
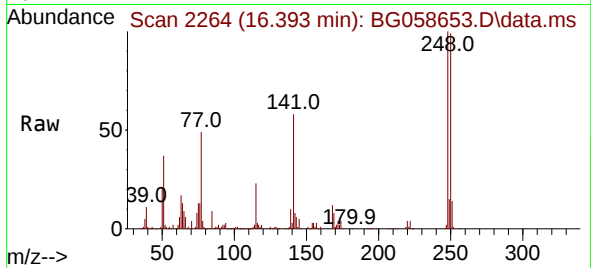




#67
4-Bromophenyl-phenylether
Concen: 43.989 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

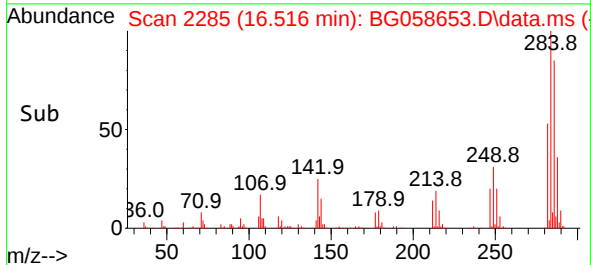
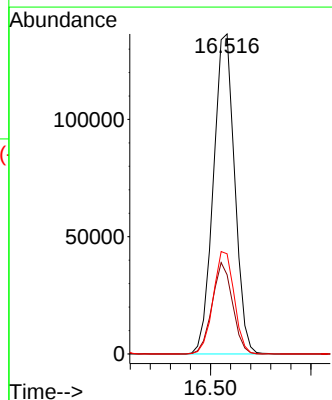
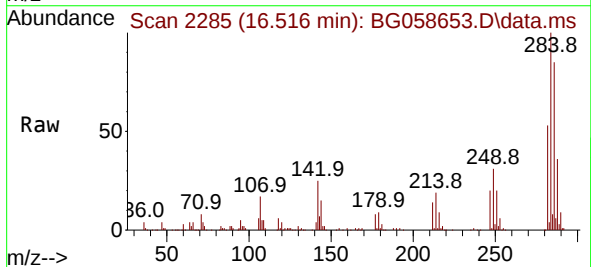
Instrument :
BNA_G
ClientSampleId :
TP-1MS

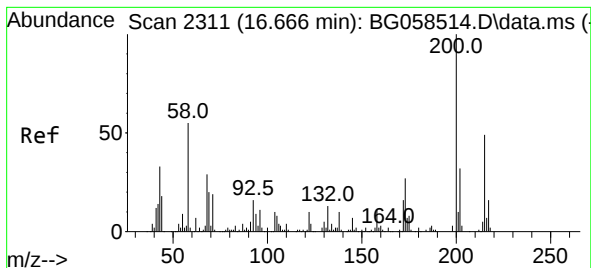
Tgt Ion:248 Resp: 179538
Ion Ratio Lower Upper
248 100
250 98.9 79.5 119.3
141 58.3 48.2 72.2



#68
Hexachlorobenzene
Concen: 46.450 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:284 Resp: 200889
Ion Ratio Lower Upper
284 100
142 24.7 21.0 31.4
249 31.3 25.5 38.3





#69

Atrazine

Concen: 52.593 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

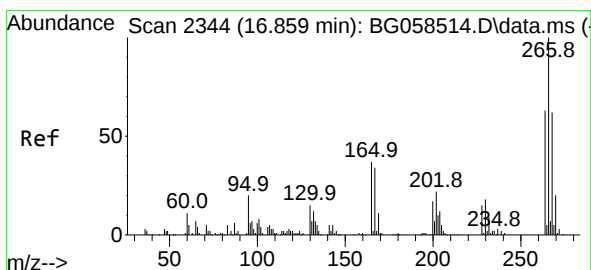
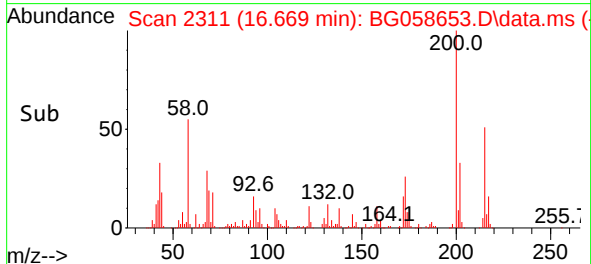
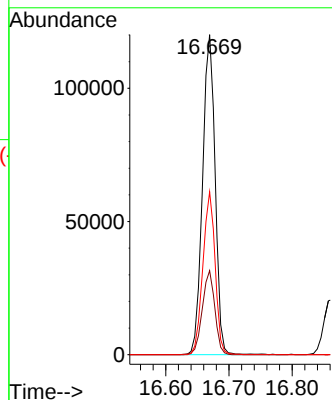
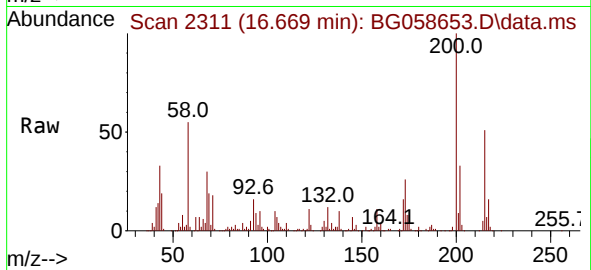
Tgt Ion:200 Resp: 166281

Ion Ratio Lower Upper

200 100

173 26.2 6.5 46.5

215 50.9 28.9 68.9



#70

Pentachlorophenol

Concen: 77.659 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

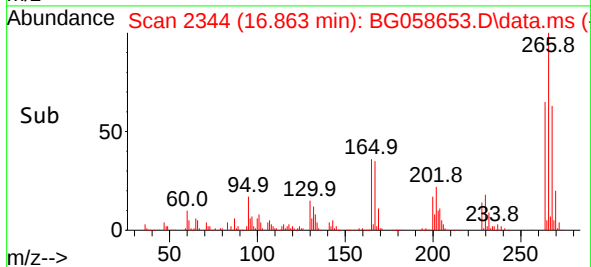
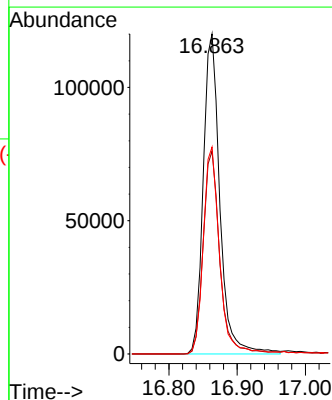
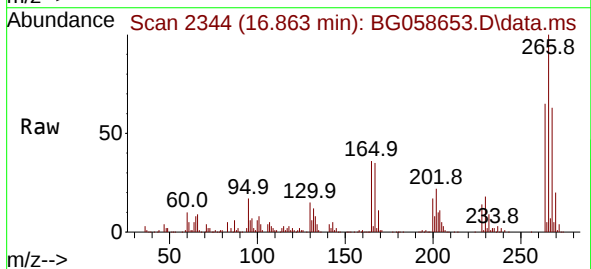
Tgt Ion:266 Resp: 203292

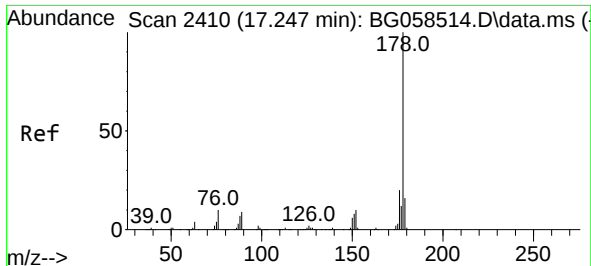
Ion Ratio Lower Upper

266 100

268 63.4 49.9 74.9

264 64.6 50.2 75.4

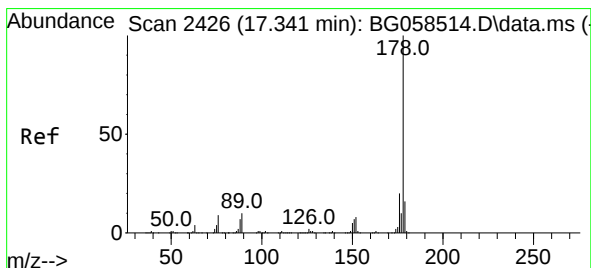
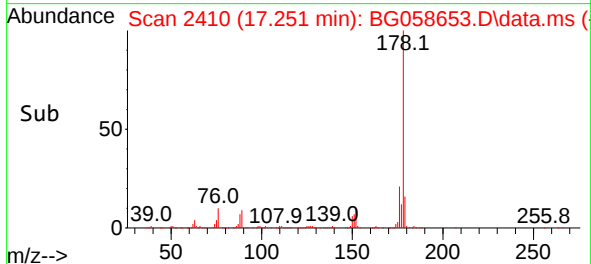
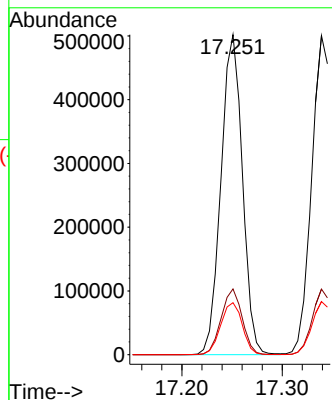
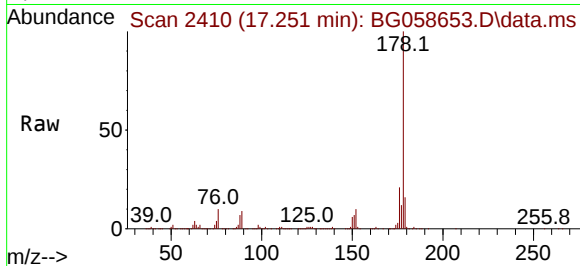




#71
Phenanthrene
Concen: 43.576 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

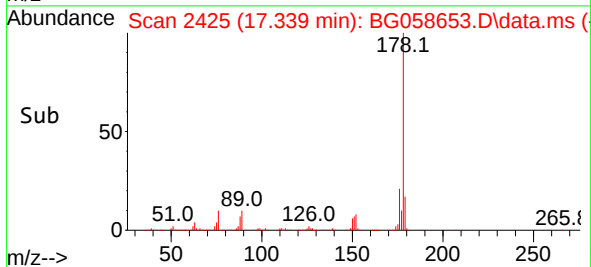
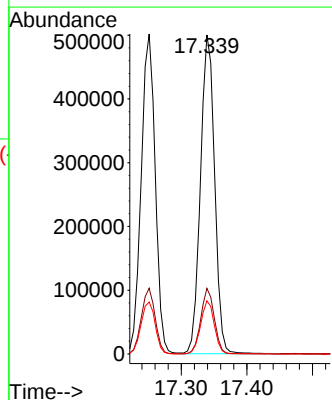
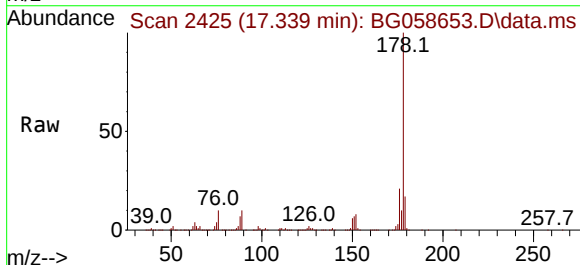
Instrument :
BNA_G
ClientSampleId :
TP-1MS

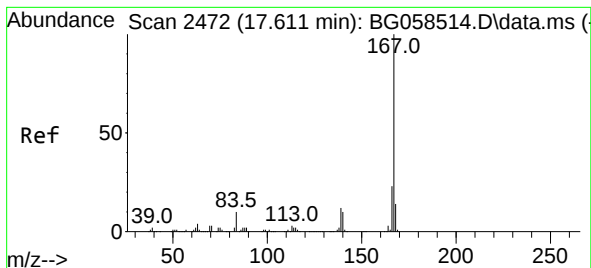
Tgt Ion:178 Resp: 743645
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.3 13.1 19.7



#72
Anthracene
Concen: 42.966 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:178 Resp: 752353
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 16.6 12.9 19.3





#73

Carbazole

Concen: 44.894 ng

RT: 17.615 min Scan# 2472

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

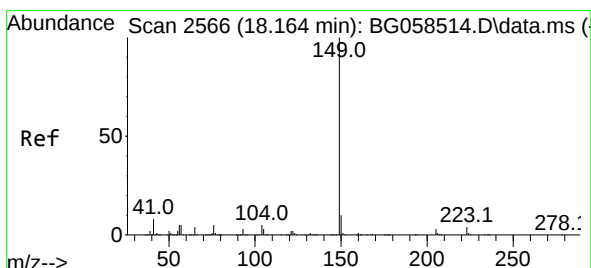
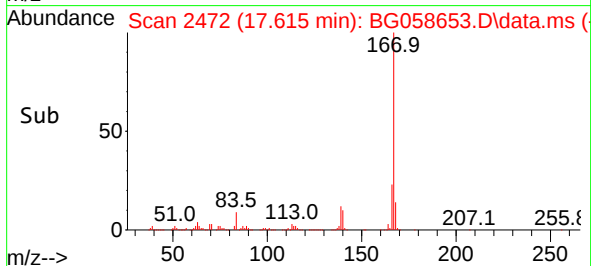
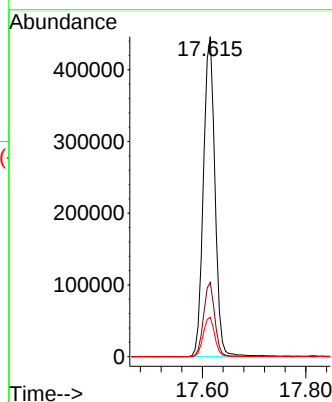
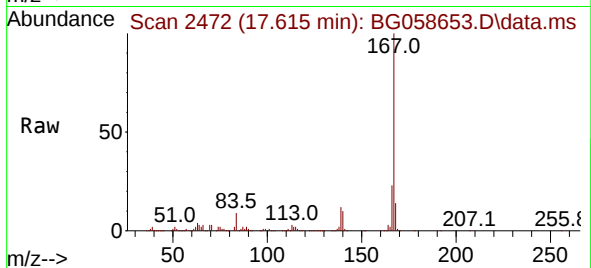
Tgt Ion:167 Resp: 693218

Ion Ratio Lower Upper

167 100

166 23.2 18.4 27.6

139 12.3 10.0 15.0



#74

Di-n-butylphthalate

Concen: 44.138 ng

RT: 18.167 min Scan# 2566

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

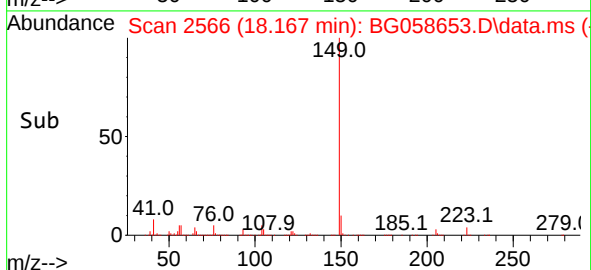
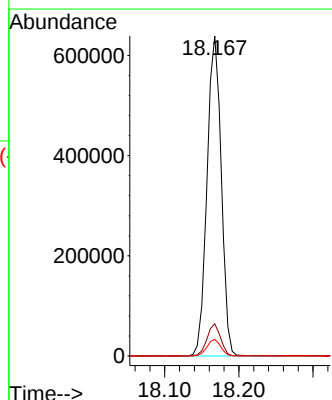
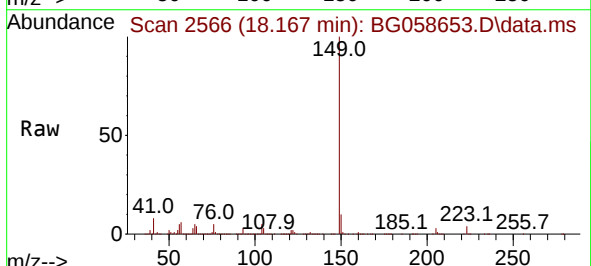
Tgt Ion:149 Resp: 853665

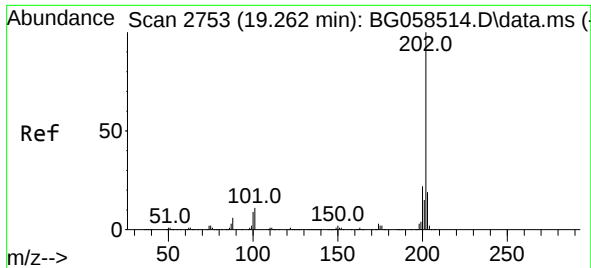
Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

104 5.2 4.0 6.0

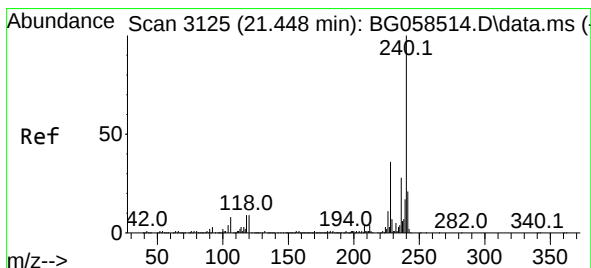
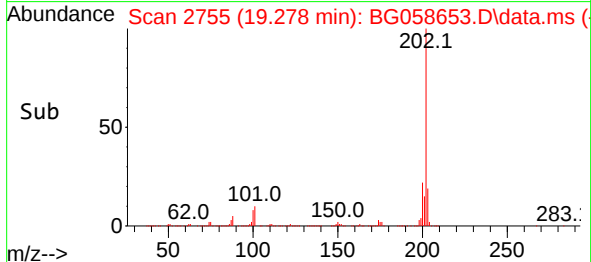
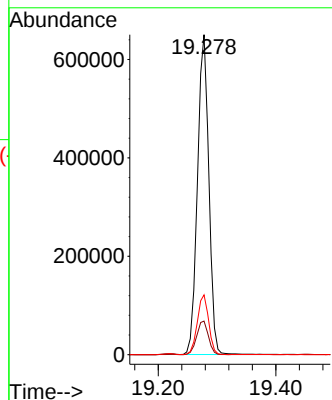
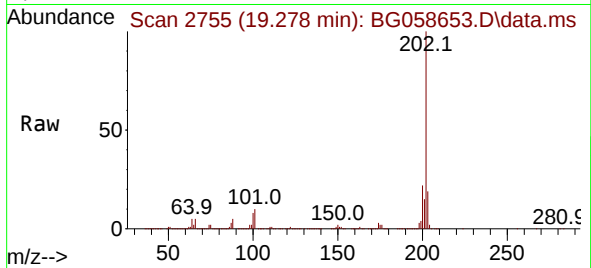




#75
Fluoranthene
Concen: 42.453 ng
RT: 19.278 min Scan# 21
Delta R.T. 0.015 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

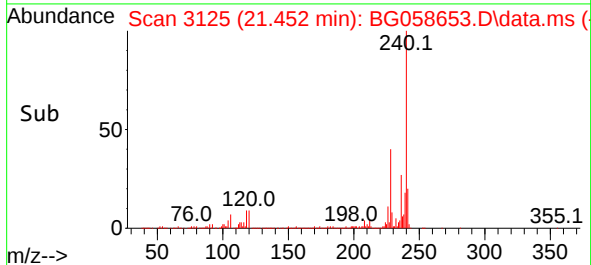
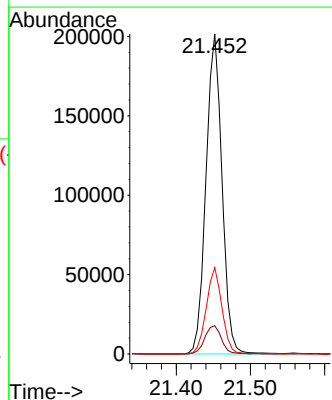
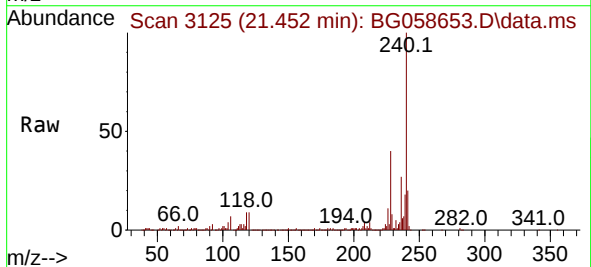
Instrument :
BNA_G
ClientSampleId :
TP-1MS

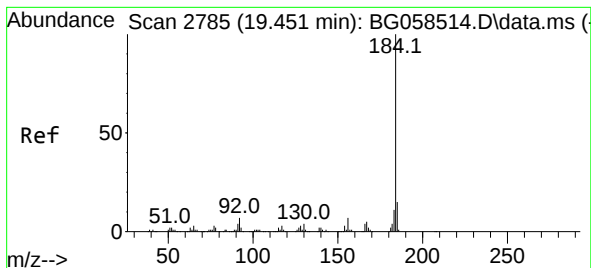
Tgt Ion:202 Resp: 870259
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.7 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:240 Resp: 302358
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 27.0 22.2 33.4





#77

Benzidine

Concen: 43.187 ng

RT: 19.448 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

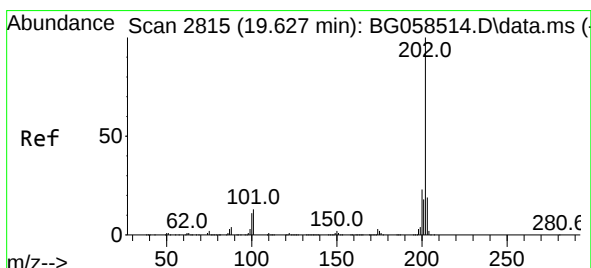
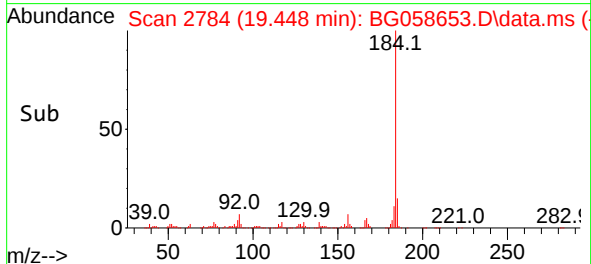
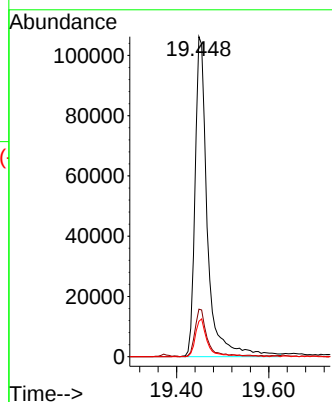
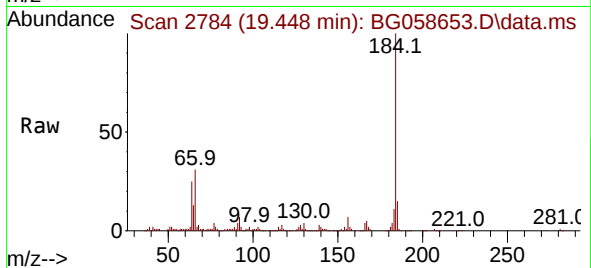
Tgt Ion:184 Resp: 198011

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

183 11.1 8.7 13.1



#78

Pyrene

Concen: 43.936 ng

RT: 19.630 min Scan# 2815

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

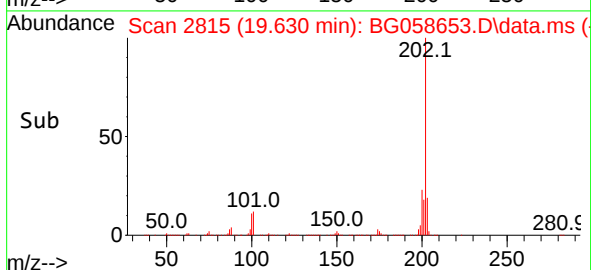
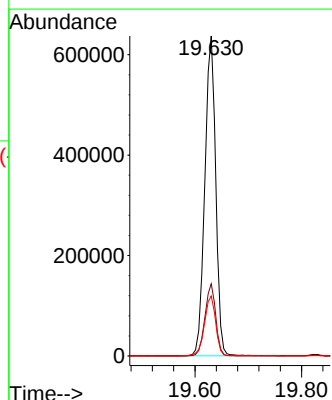
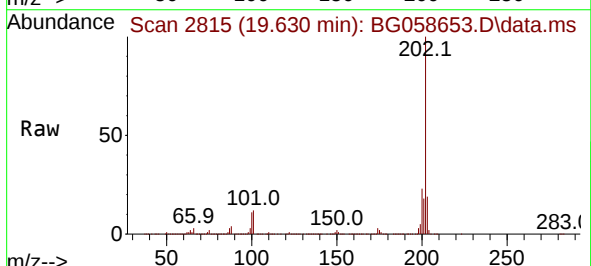
Tgt Ion:202 Resp: 904080

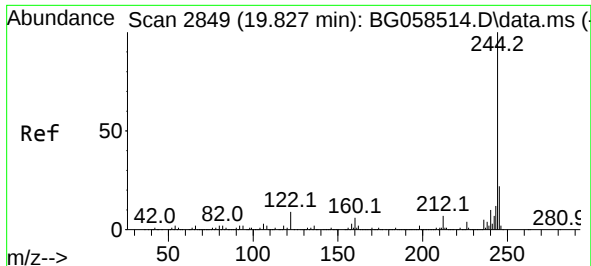
Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

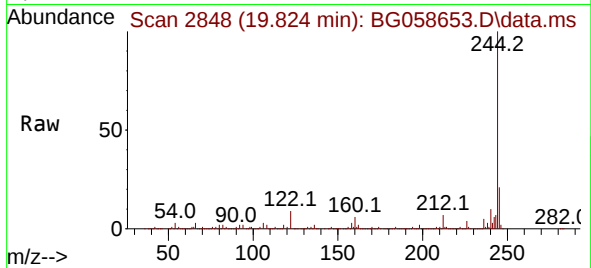
203 18.8 15.1 22.7



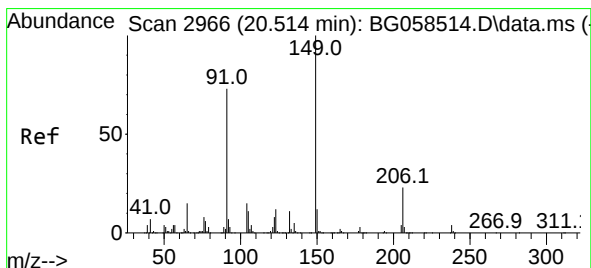
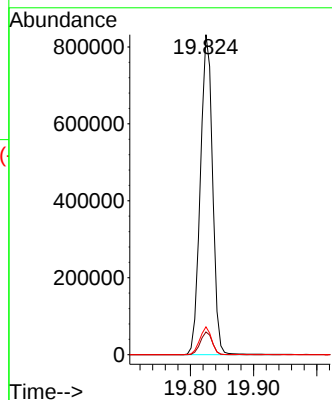
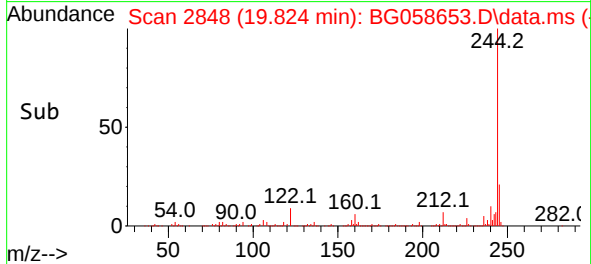


#79
 Terphenyl-d14
 Concen: 69.280 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058653.D
 Acq: 9 Aug 2023 10:51

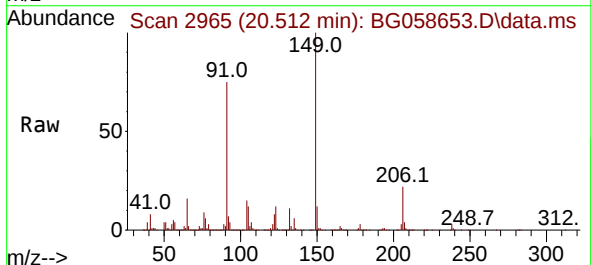
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



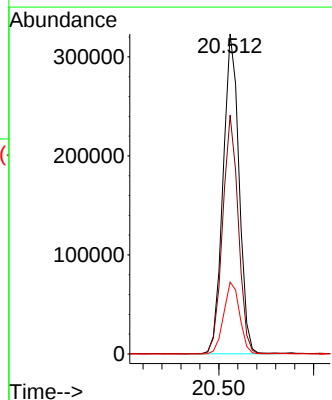
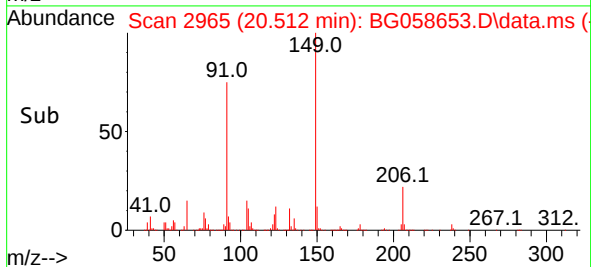
Tgt Ion:244 Resp: 1113901
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.7 6.8 10.2

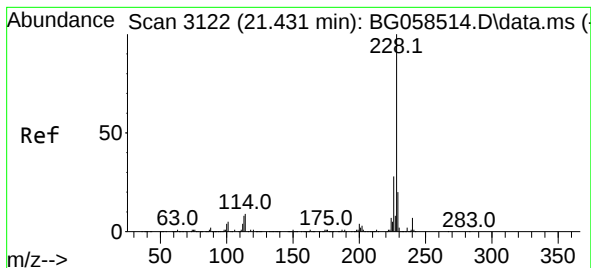


#80
 Butylbenzylphthalate
 Concen: 44.815 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058653.D
 Acq: 9 Aug 2023 10:51



Tgt Ion:149 Resp: 378791
 Ion Ratio Lower Upper
 149 100
 91 74.6 58.4 87.6
 206 22.5 18.3 27.5





#81

Benzo(a)anthracene

Concen: 45.012 ng

RT: 21.428 min Scan# 3122

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

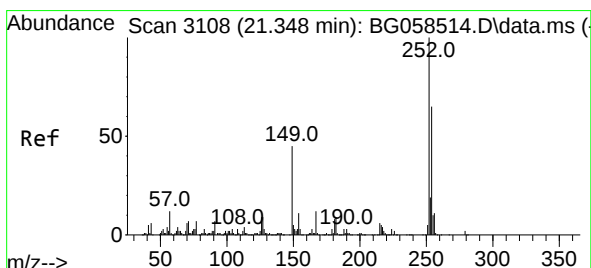
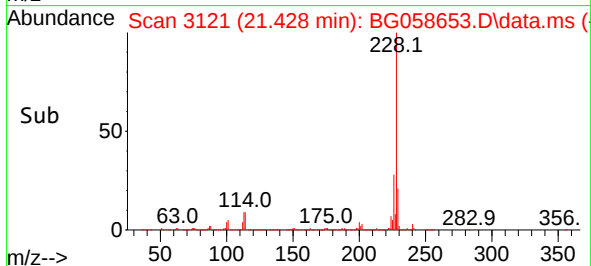
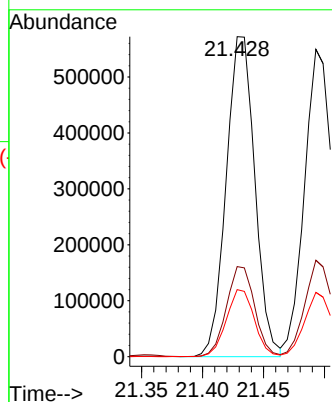
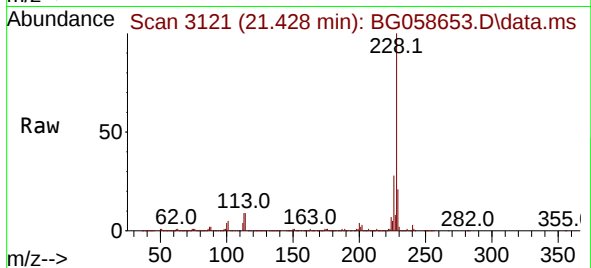
Tgt Ion:228 Resp: 936618

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 45.557 ng

RT: 21.352 min Scan# 3108

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

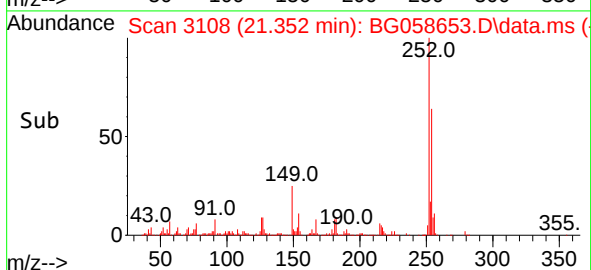
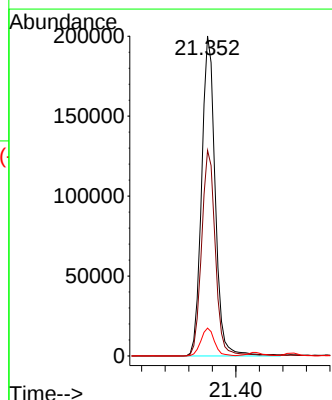
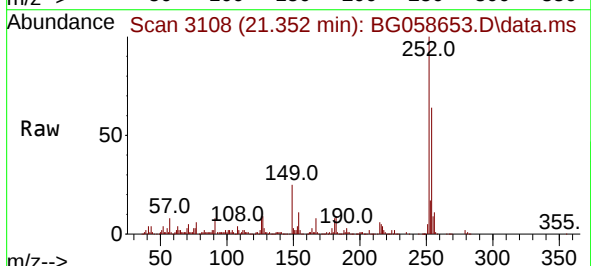
Tgt Ion:252 Resp: 320507

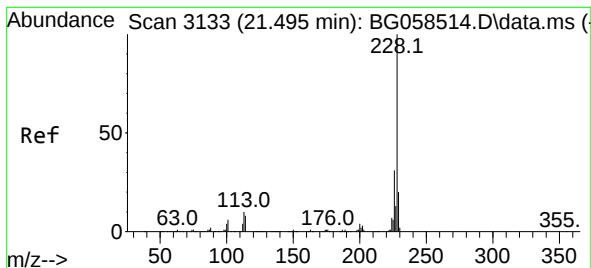
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.4

126 8.7 7.2 10.8





#83

Chrysene

Concen: 44.138 ng

RT: 21.493 min Scan# 3133

Delta R.T. -0.002 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

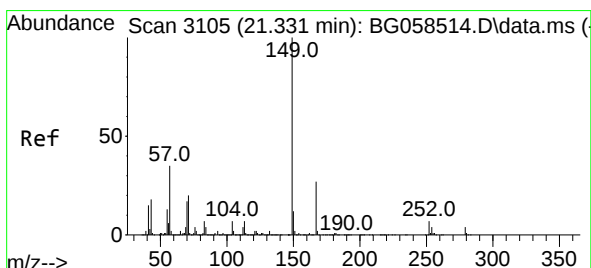
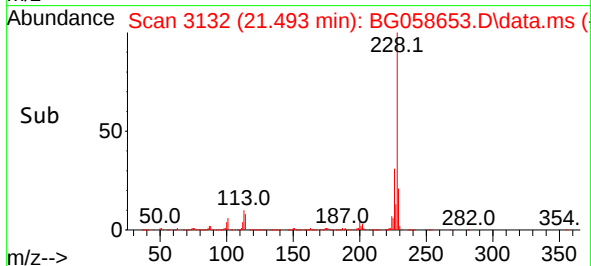
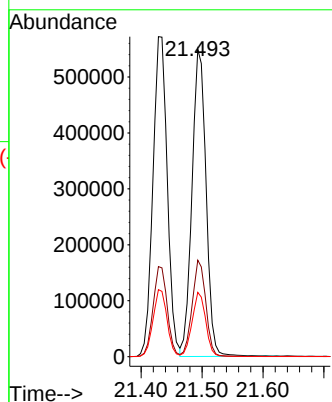
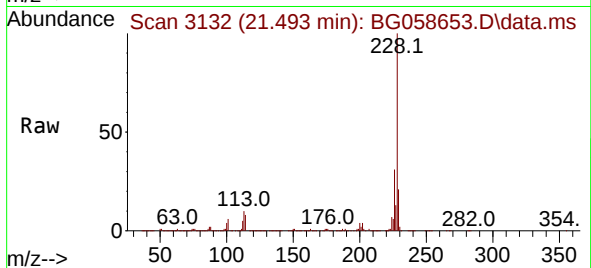
Tgt Ion:228 Resp: 880577

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.279 ng

RT: 21.334 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

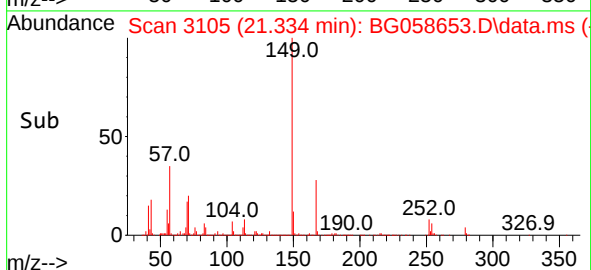
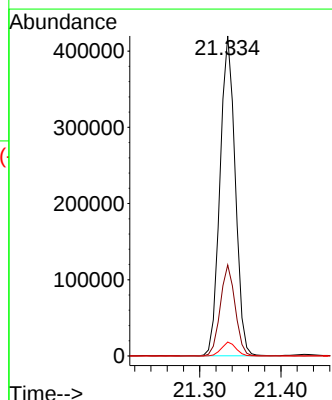
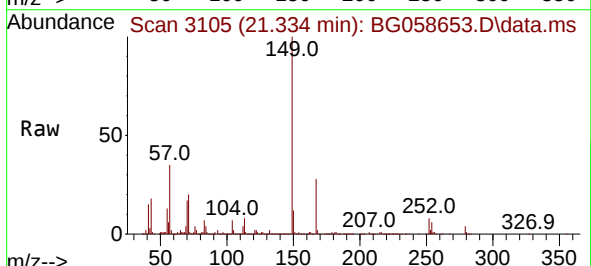
Tgt Ion:149 Resp: 546913

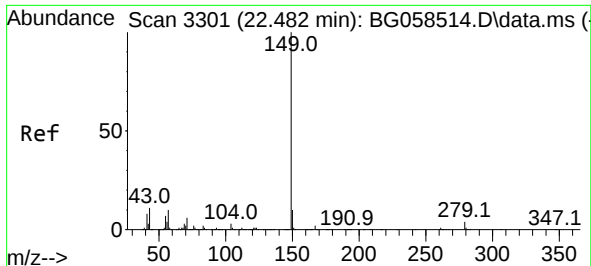
Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.8

279 4.4 2.9 4.3#

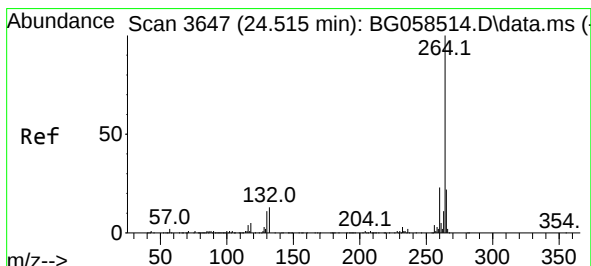
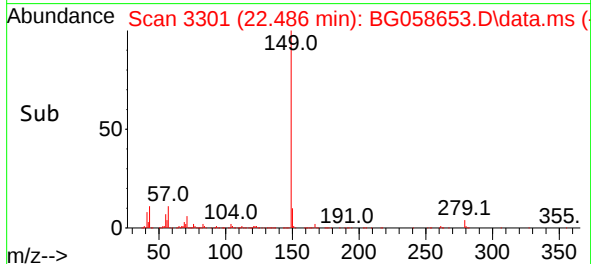
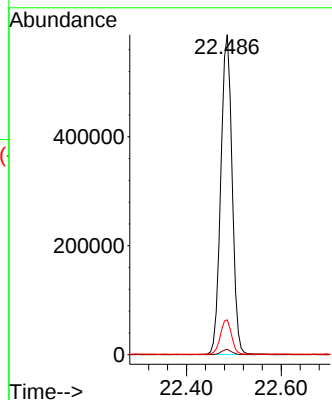
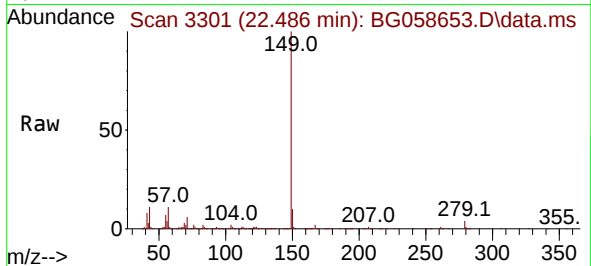




#85
Di-n-octyl phthalate
Concen: 44.808 ng
RT: 22.486 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

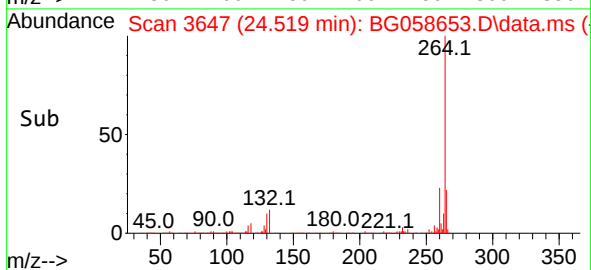
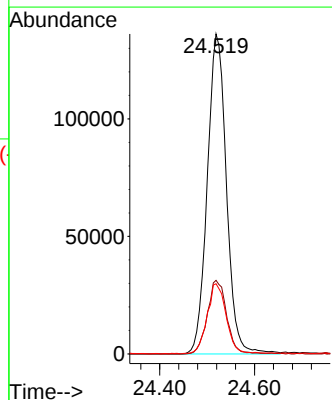
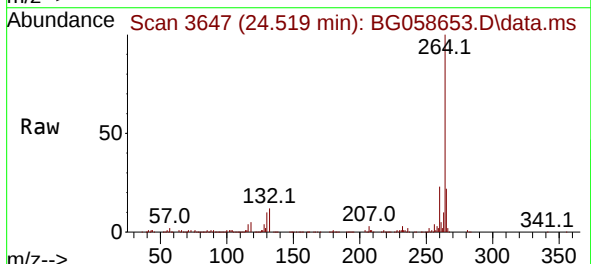
Instrument :
BNA_G
ClientSampleId :
TP-1MS

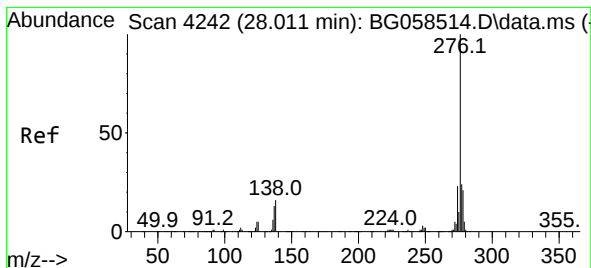
Tgt Ion:149 Resp: 973028
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:264 Resp: 382153
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 22.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.507 ng

RT: 28.026 min Scan# 4244

Delta R.T. 0.015 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

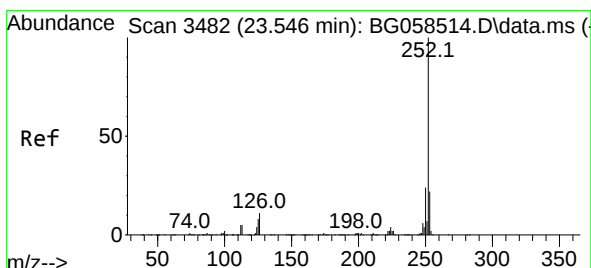
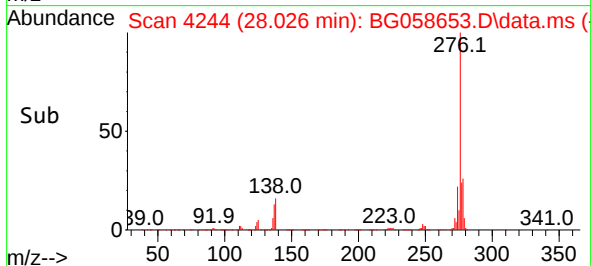
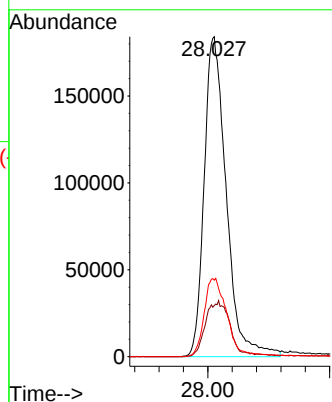
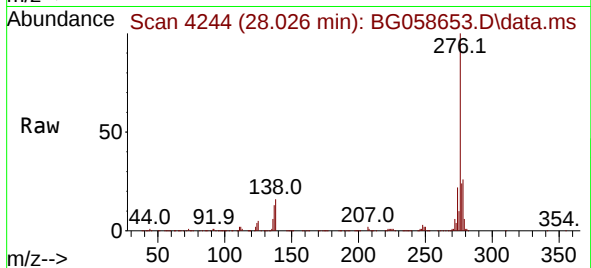
Tgt Ion:276 Resp: 1156934

Ion Ratio Lower Upper

276 100

138 19.0 16.0 24.0

277 24.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.850 ng

RT: 23.549 min Scan# 3482

Delta R.T. 0.004 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

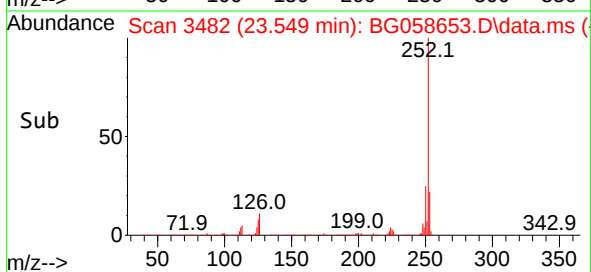
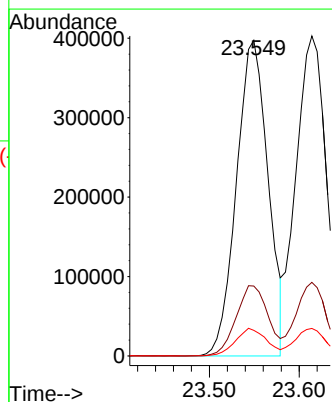
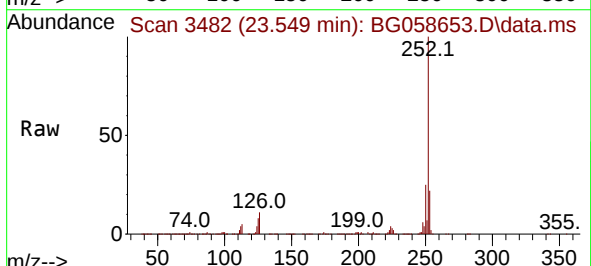
Tgt Ion:252 Resp: 971055

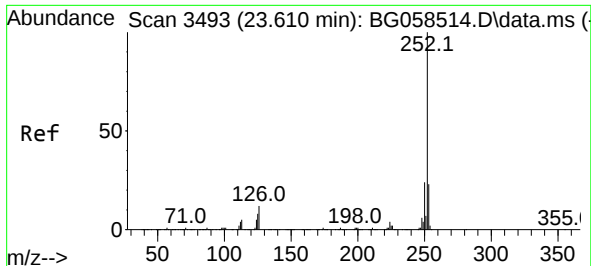
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.1 6.6 9.8

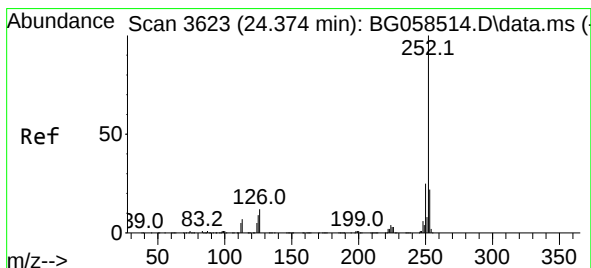
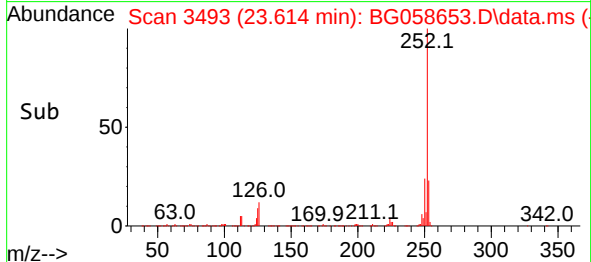
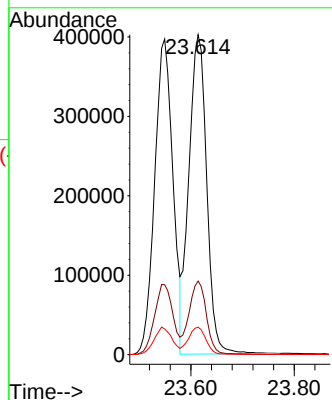
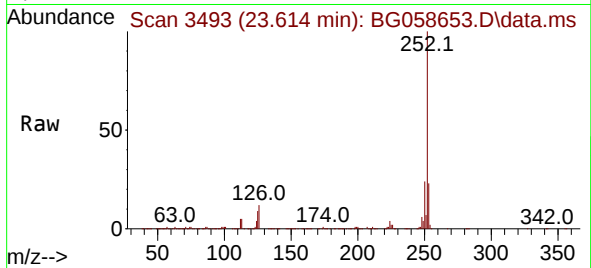




#89
Benzo(k)fluoranthene
Concen: 46.122 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

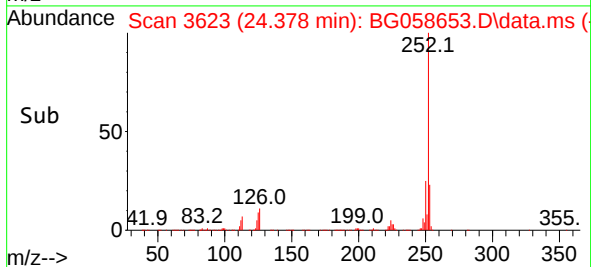
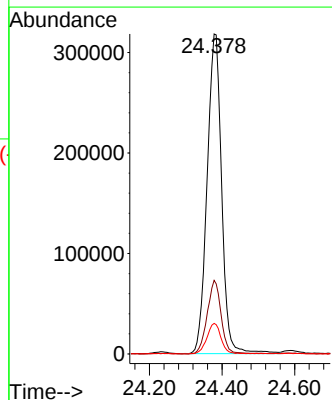
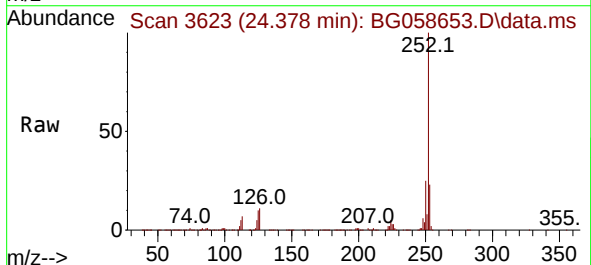
Instrument :
BNA_G
ClientSampleId :
TP-1MS

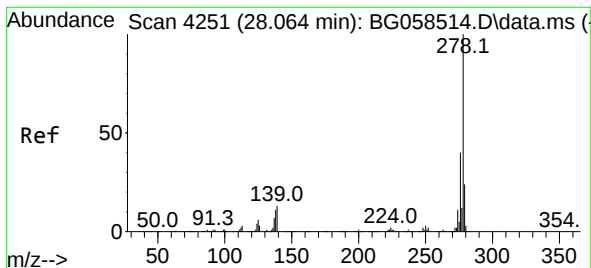
Tgt Ion:252 Resp: 960374
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 8.6 6.6 10.0



#90
Benzo(a)pyrene
Concen: 43.442 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058653.D
Acq: 9 Aug 2023 10:51

Tgt Ion:252 Resp: 884268
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 9.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.172 ng

RT: 28.079 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Instrument :

BNA_G

ClientSampleId :

TP-1MS

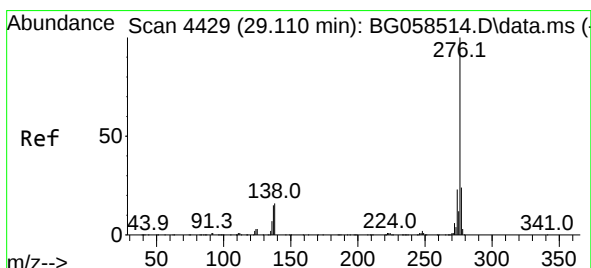
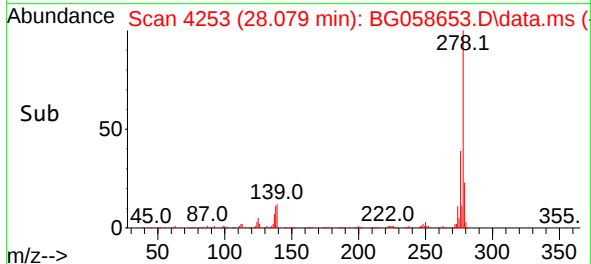
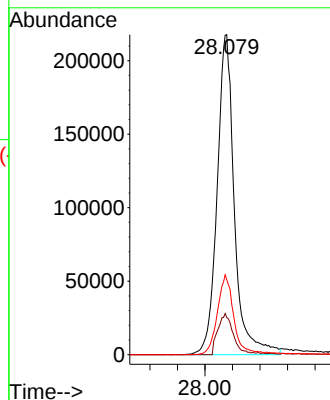
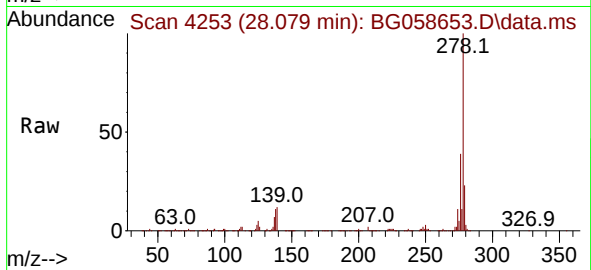
Tgt Ion:278 Resp: 949590

Ion Ratio Lower Upper

278 100

139 11.6 10.4 15.6

279 23.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.592 ng

RT: 29.119 min Scan# 4430

Delta R.T. 0.010 min

Lab File: BG058653.D

Acq: 9 Aug 2023 10:51

Tgt Ion:276 Resp: 918890

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 16.6 13.0 19.4

