

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058654.D
 Acq On : 9 Aug 2023 11:35
 Operator : MA/JU
 Sample : 03891-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Aug 09 12:10:27 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	7.811	152	40614	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	183594	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	138413	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	347894	20.000	ng	0.00
76) Chrysene-d12	21.454	240	293934	20.000	ng	0.00
86) Perylene-d12	24.527	264	376908	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	284419	107.038	ng	0.00
7) Phenol-d6	6.983	99	394770	106.769	ng	0.00
23) Nitrobenzene-d5	8.975	82	236984	63.411	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	220883	97.362	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	565907	61.271	ng	0.00
79) Terphenyl-d14	19.826	244	1100005	70.376	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	51719	40.167	ng	98
3) Pyridine	3.657	79	127491	36.318	ng	96
4) n-Nitrosodimethylamine	3.581	42	68870	46.303	ng	95
6) Aniline	7.135	93	168092	36.925	ng	99
8) 2-Chlorophenol	7.376	128	137181	52.625	ng	97
9) Benzaldehyde	6.947	77	78370	39.013	ng	97
10) Phenol	7.012	94	193512	53.577	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	132202	46.429	ng	97
12) 1,3-Dichlorobenzene	7.700	146	134530	48.330	ng	99
13) 1,4-Dichlorobenzene	7.846	146	135940	48.638	ng	97
14) 1,2-Dichlorobenzene	8.164	146	132537	49.599	ng	96
15) Benzyl Alcohol	8.052	79	133901	57.105	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	226593	48.989	ng	97
17) 2-Methylphenol	8.264	107	130222	49.310	ng	99
18) Hexachloroethane	8.886	117	49660	48.884	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	112543	47.123	ng	99
20) 3+4-Methylphenols	8.587	107	181565	50.827	ng	99
22) Acetophenone	8.634	105	218412	44.429	ng	98
24) Nitrobenzene	9.016	77	166290	43.767	ng	95
25) Isophorone	9.539	82	327571	42.421	ng	99
26) 2-Nitrophenol	9.727	139	75924	45.907	ng	99
27) 2,4-Dimethylphenol	9.791	122	120748	44.015	ng	98
28) bis(2-Chloroethoxy)met...	10.020	93	184668	43.945	ng	99
29) 2,4-Dichlorophenol	10.267	162	140031	49.161	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	150027	45.672	ng	99
31) Naphthalene	10.661	128	420553	43.461	ng	99
32) Benzoic acid	9.962	122	94213	45.272	ng	96
33) 4-Chloroaniline	10.778	127	140189	34.290	ng	98
34) Hexachlorobutadiene	10.943	225	90492	42.776	ng	98
35) Caprolactam	11.613	113	19029	18.091	ng	95
36) 4-Chloro-3-methylphenol	11.912	107	175463	49.797	ng	98
37) 2-Methylnaphthalene	12.277	142	298975	43.194	ng	97
38) 1-Methylnaphthalene	12.500	142	293929	44.672	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	180012	42.362	ng	100
41) Hexachlorocyclopentadiene	12.623	237	134429	69.122	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	132356	45.284	ng	99

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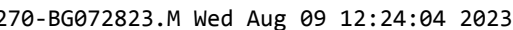
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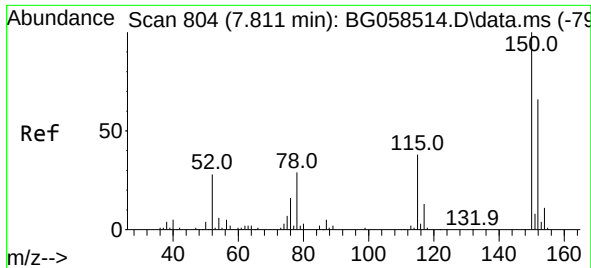
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	147863	42.951	ng	98
46) 1,1'-Biphenyl	13.293	154	410472	43.182	ng	99
47) 2-Chloronaphthalene	13.334	162	330540	44.598	ng	99
48) 2-Nitroaniline	13.546	65	132885	46.974	ng	98
49) Acenaphthylene	14.186	152	556030	44.810	ng	99
50) Dimethylphthalate	13.922	163	451142	43.399	ng	99
51) 2,6-Dinitrotoluene	14.045	165	101996	44.718	ng	96
52) Acenaphthene	14.527	154	312649	43.606	ng	97
53) 3-Nitroaniline	14.374	138	90986	39.871	ng	97
54) 2,4-Dinitrophenol	14.591	184	105485	81.849	ng	94
55) Dibenzofuran	14.862	168	543349	44.102	ng	100
56) 4-Nitrophenol	14.697	139	163343	95.908	ng	99
57) 2,4-Dinitrotoluene	14.838	165	147474	46.637	ng	97
58) Fluorene	15.514	166	442965	45.259	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	138510	47.150	ng	98
60) Diethylphthalate	15.279	149	470735	44.450	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	244537	44.816	ng	98
62) 4-Nitroaniline	15.543	138	105981	49.026	ng	98
63) Azobenzene	15.796	77	464163	44.499	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	87452	45.589	ng	99
66) n-Nitrosodiphenylamine	15.720	169	392850	43.386	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	172938	43.828	ng	98
68) Hexachlorobenzene	16.513	284	190448	45.548	ng	97
69) Atrazine	16.671	200	163389	53.453	ng	98
70) Pentachlorophenol	16.865	266	187919	74.252	ng	99
71) Phenanthrene	17.253	178	723718	43.865	ng	99
72) Anthracene	17.341	178	733270	43.315	ng	99
73) Carbazole	17.617	167	683883	45.811	ng	99
74) Di-n-butylphthalate	18.170	149	839763	44.911	ng	100
75) Fluoranthene	19.280	202	849421	42.860	ng	99
77) Benzidine	19.456	184	205541	46.114	ng	99
78) Pyrene	19.633	202	895872	44.785	ng	99
80) Butylbenzylphthalate	20.514	149	371866	45.257	ng	100
81) Benzo(a)anthracene	21.436	228	920329	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	317932	46.486	ng	100
83) Chrysene	21.501	228	853485	44.006	ng	99
84) Bis(2-ethylhexyl)phtha...	21.336	149	536989	44.721	ng	98
85) Di-n-octyl phthalate	22.488	149	955011	45.239	ng	99
87) Indeno(1,2,3-cd)pyrene	28.035	276	1149428	45.841	ng	# 80
88) Benzo(b)fluoranthene	23.552	252	978188	47.850	ng	99
89) Benzo(k)fluoranthene	23.616	252	922547	44.922	ng	99
90) Benzo(a)pyrene	24.386	252	868318	43.252	ng	99
91) Dibenzo(a,h)anthracene	28.087	278	950157	45.828	ng	99
92) Benzo(g,h,i)perylene	29.127	276	906711	43.612	ng	99

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

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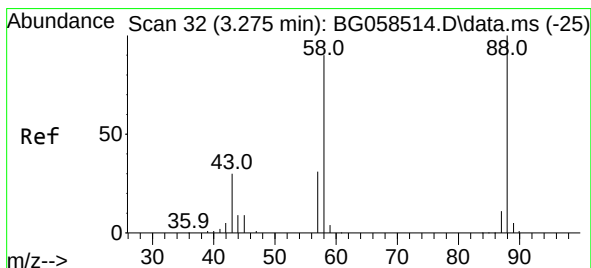
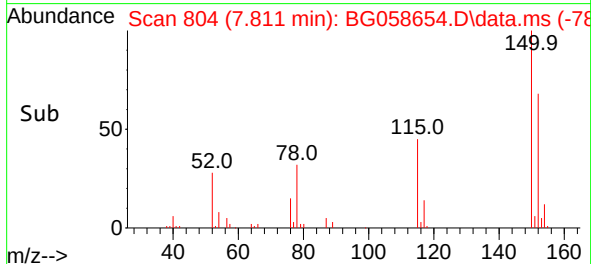
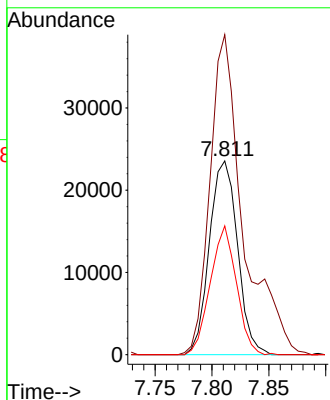
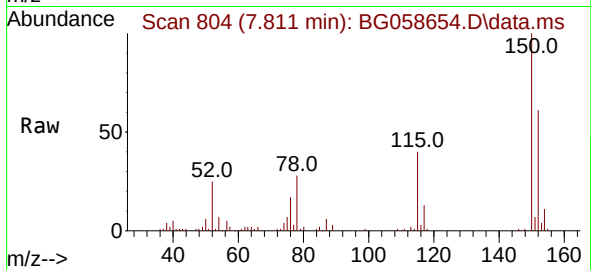




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BG058654.D
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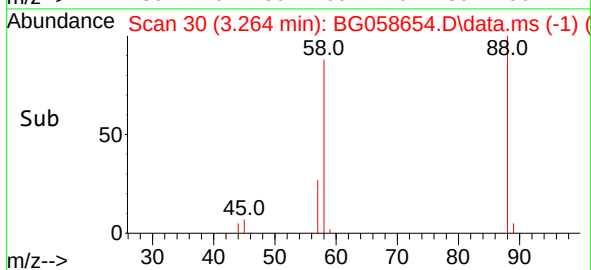
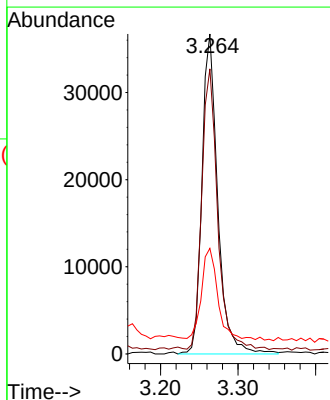
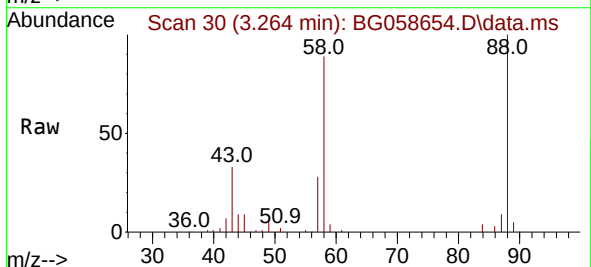
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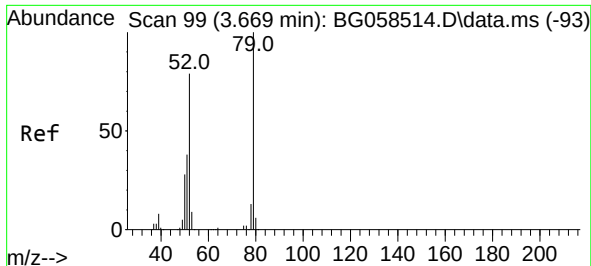
Tgt Ion:152 Resp: 40614
 Ion Ratio Lower Upper
 152 100
 150 165.1 120.5 180.7
 115 66.5 45.9 68.9



#2
 1,4-Dioxane
 Concen: 40.167 ng
 RT: 3.264 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Tgt Ion: 88 Resp: 51719
 Ion Ratio Lower Upper
 88 100
 58 87.7 68.9 103.3
 43 29.2 22.9 34.3



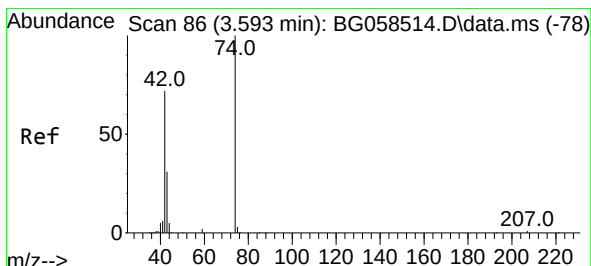
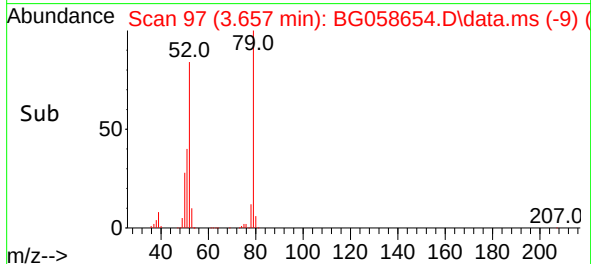
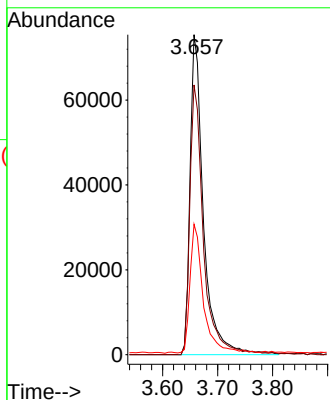
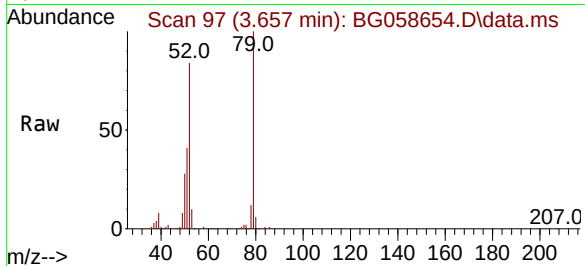


#3
 Pyridine
 Concen: 36.318 ng
 RT: 3.657 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion: 79 Resp: 127491

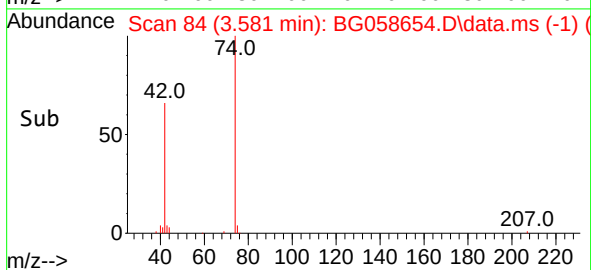
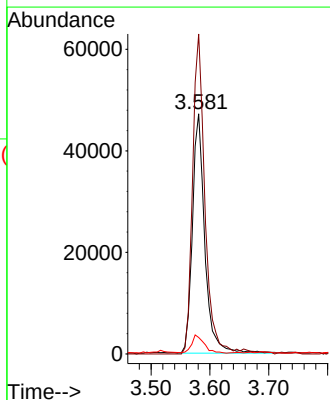
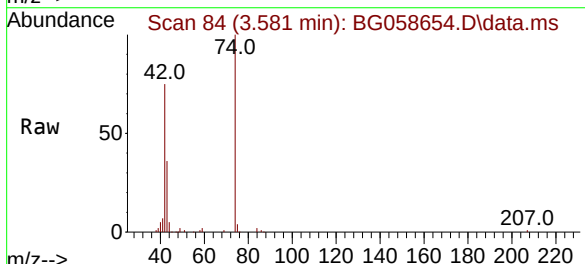
Ion	Ratio	Lower	Upper
79	100		
52	84.3	63.2	94.8
51	40.7	31.9	47.9

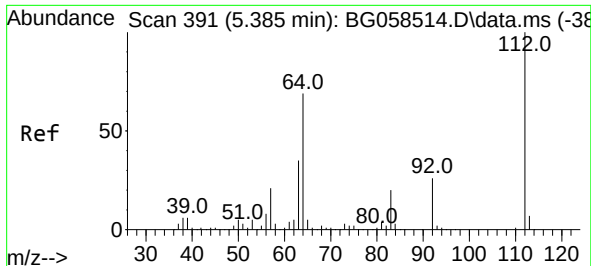


#4
 n-Nitrosodimethylamine
 Concen: 46.303 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Tgt Ion: 42 Resp: 68870

Ion	Ratio	Lower	Upper
42	100		
74	133.3	111.5	167.3
44	6.9	5.4	8.2

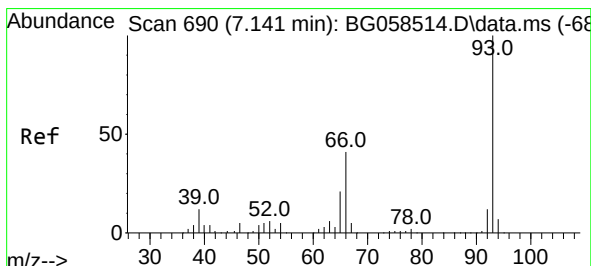
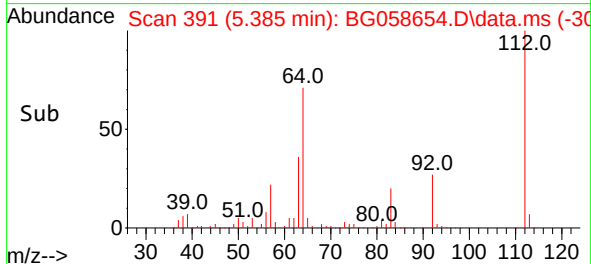
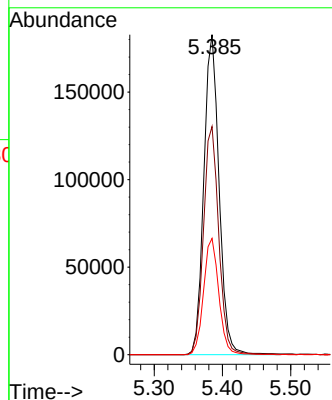
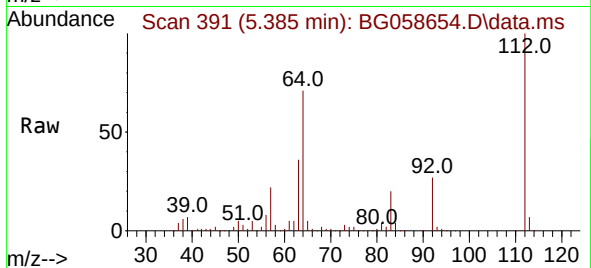




#5
2-Fluorophenol
Concen: 107.038 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058654.D
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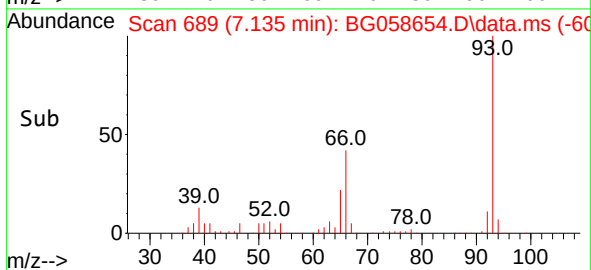
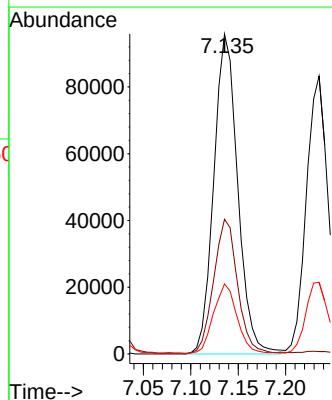
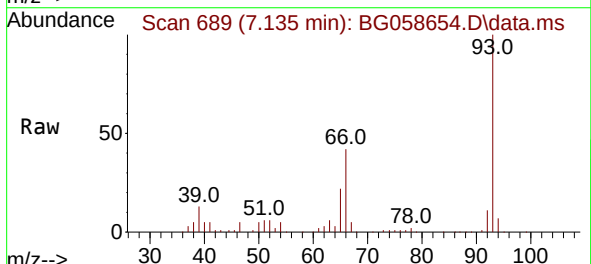
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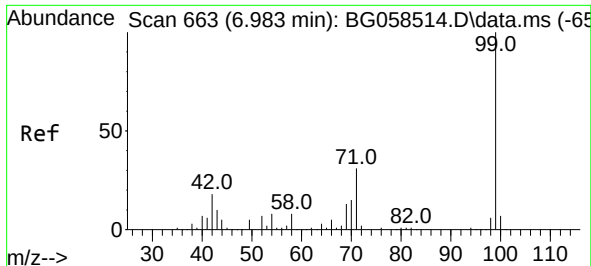
Tgt Ion:112 Resp: 284419
Ion Ratio Lower Upper
112 100
64 71.3 55.3 82.9
63 36.3 28.3 42.5



#6
Aniline
Concen: 36.925 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 93 Resp: 168092
Ion Ratio Lower Upper
93 100
66 42.1 33.1 49.7
65 21.9 17.0 25.4

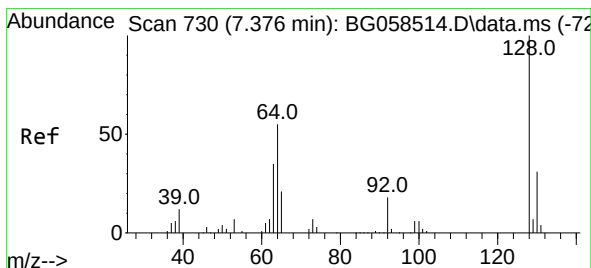
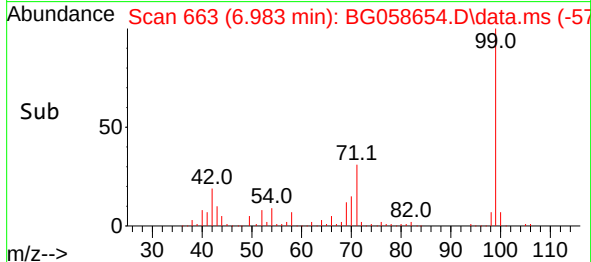
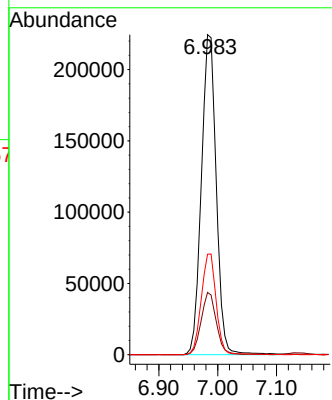
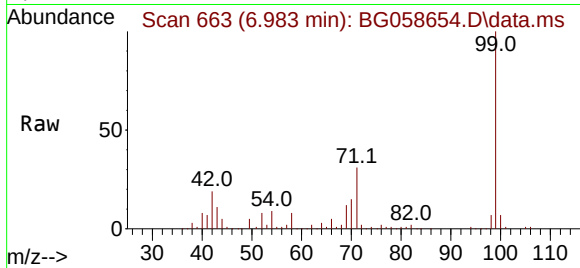




#7
Phenol-d6
Concen: 106.769 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

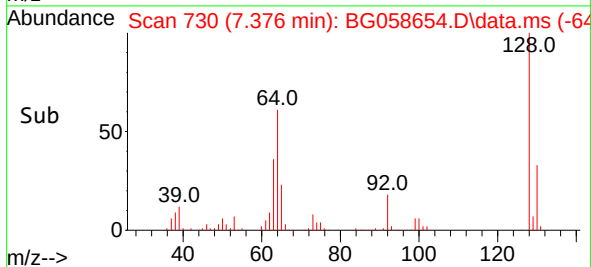
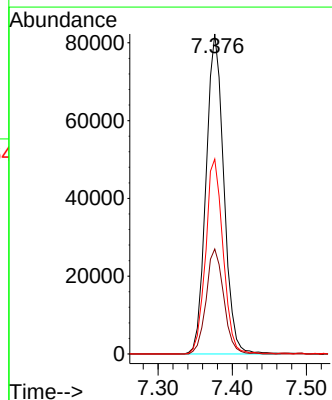
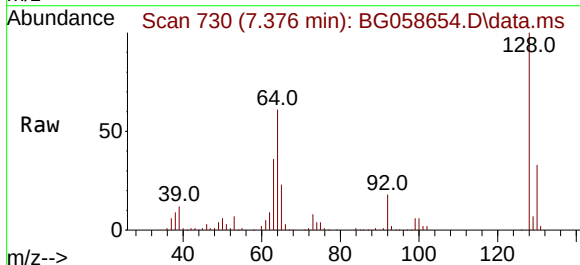
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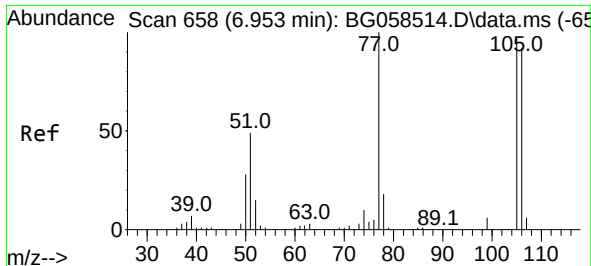
Tgt Ion: 99 Resp: 394770
Ion Ratio Lower Upper
99 100
42 19.5 14.6 21.8
71 31.4 25.0 37.4



#8
2-Chlorophenol
Concen: 52.625 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:128 Resp: 137181
Ion Ratio Lower Upper
128 100
130 32.8 10.9 50.9
64 60.9 39.0 79.0

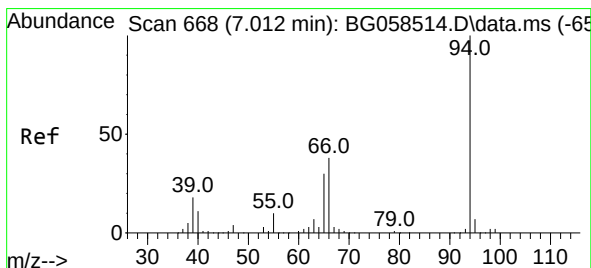
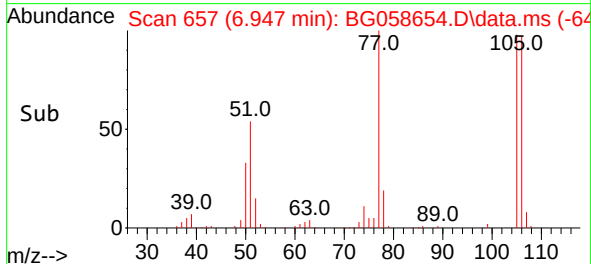
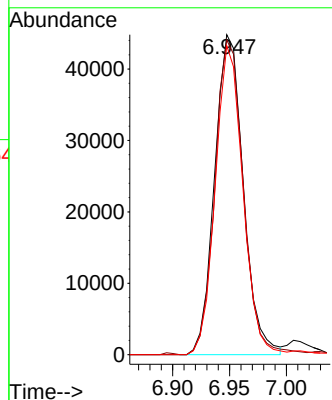
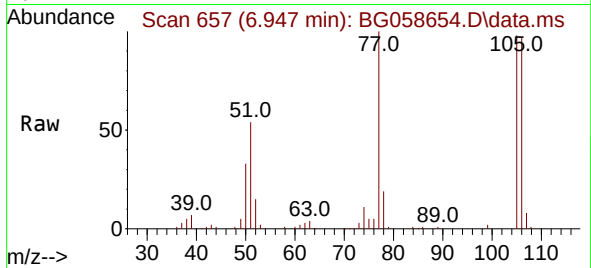




#9
Benzaldehyde
Concen: 39.013 ng
RT: 6.947 min Scan# 658
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

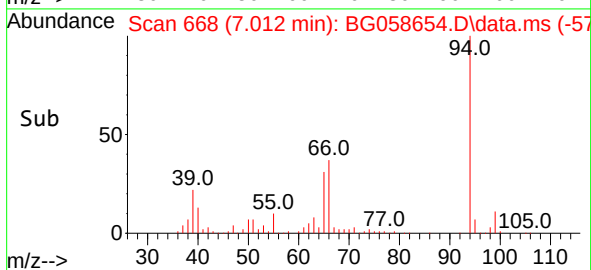
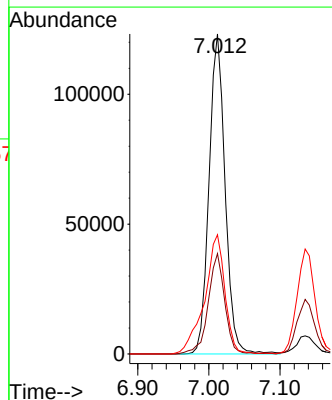
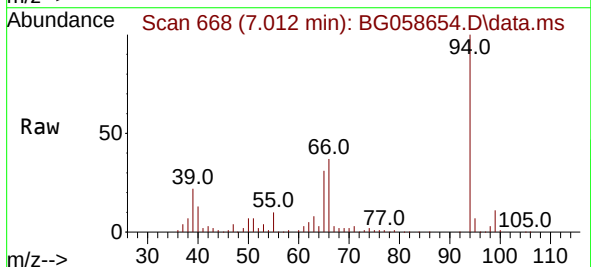
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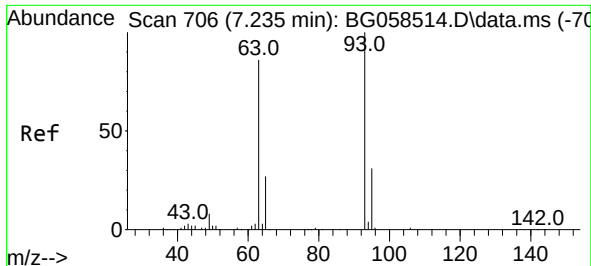
Tgt Ion: 77 Resp: 78370
Ion Ratio Lower Upper
77 100
105 98.3 77.1 117.1
106 96.6 71.6 111.6



#10
Phenol
Concen: 53.577 ng
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG058654.D
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Tgt Ion: 94 Resp: 193512
Ion Ratio Lower Upper
94 100
65 31.3 10.4 50.4
66 37.3 18.7 58.7

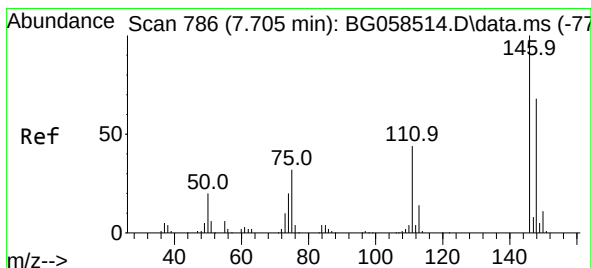
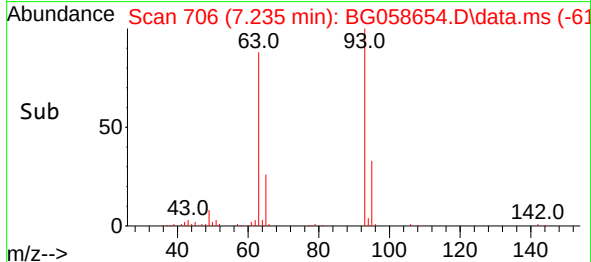
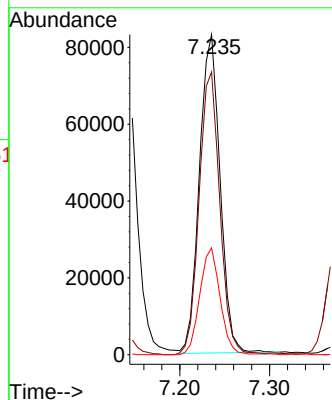
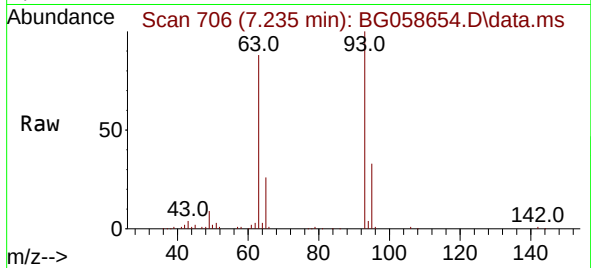




#11
bis(2-Chloroethyl)ether
Concen: 46.429 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

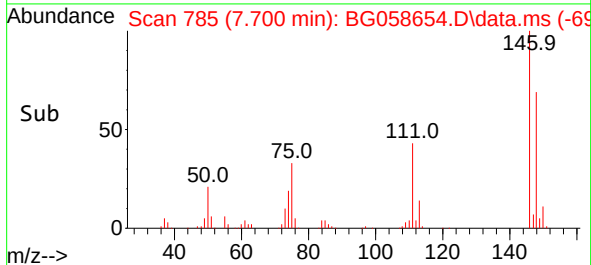
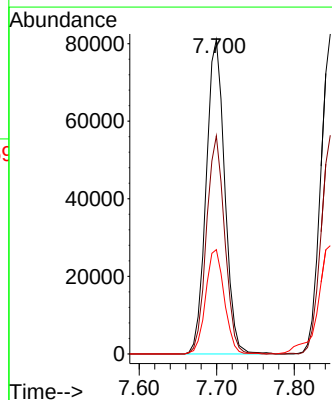
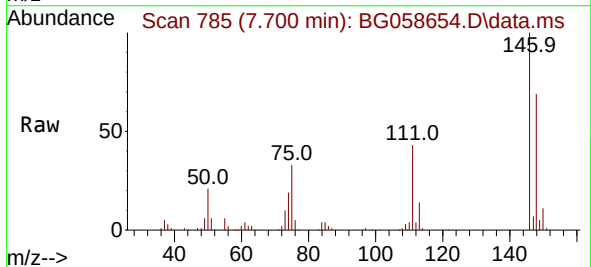
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

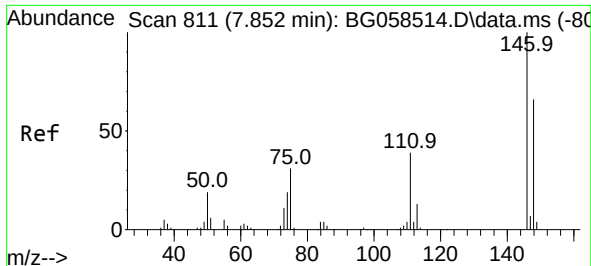
Tgt Ion: 93 Resp: 132202
Ion Ratio Lower Upper
93 100
63 88.4 65.5 105.5
95 33.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 48.330 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:146 Resp: 134530
Ion Ratio Lower Upper
146 100
148 69.4 54.7 82.1
75 33.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.638 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

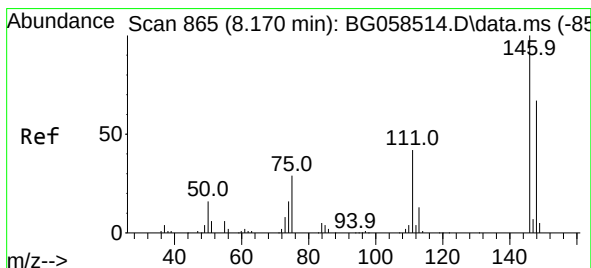
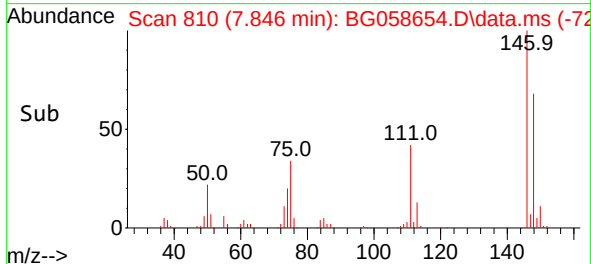
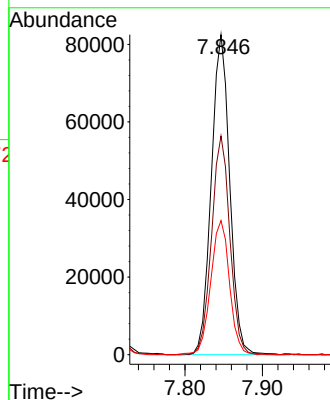
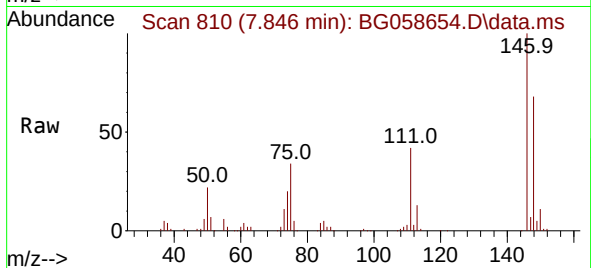
Tgt Ion:146 Resp: 135940

Ion Ratio Lower Upper

146 100

148 68.4 52.8 79.2

111 41.9 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 49.599 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

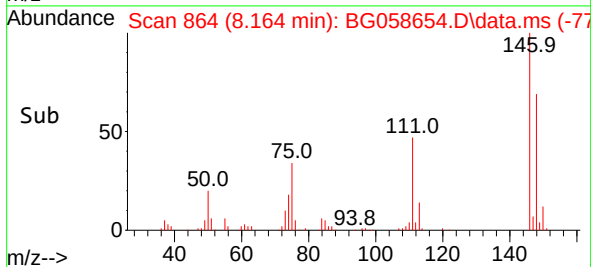
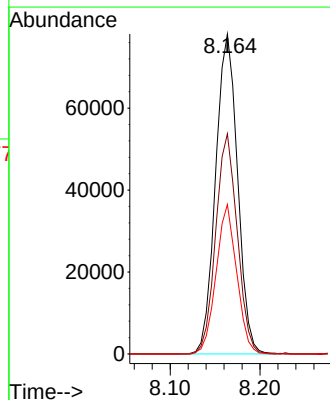
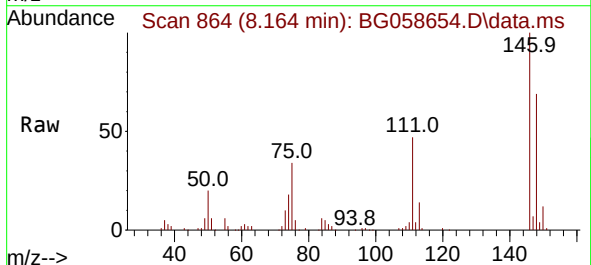
Tgt Ion:146 Resp: 132537

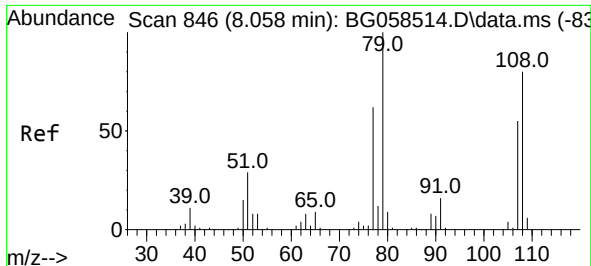
Ion Ratio Lower Upper

146 100

148 68.8 53.4 80.2

111 46.7 34.2 51.2



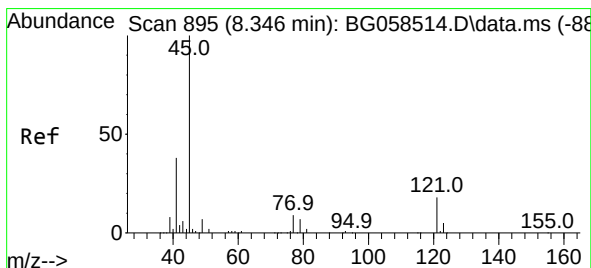
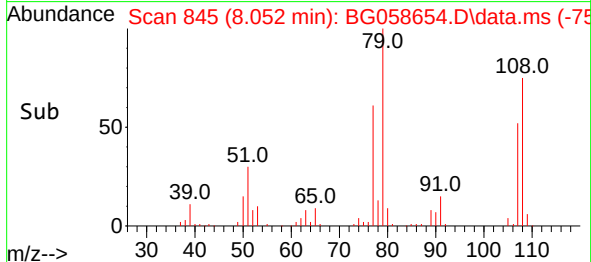
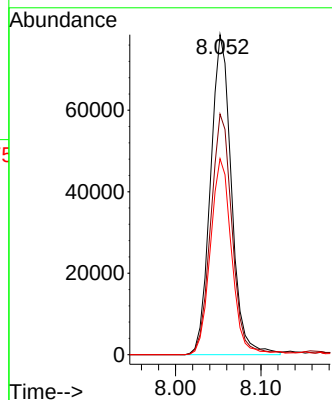
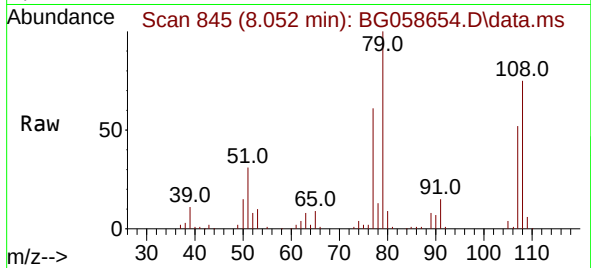


#15
Benzyl Alcohol
Concen: 57.105 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 79 Resp: 133901

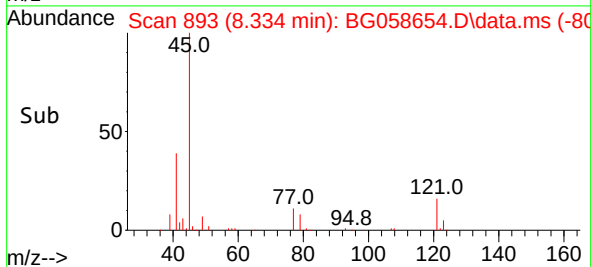
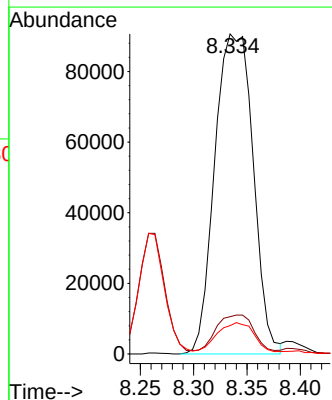
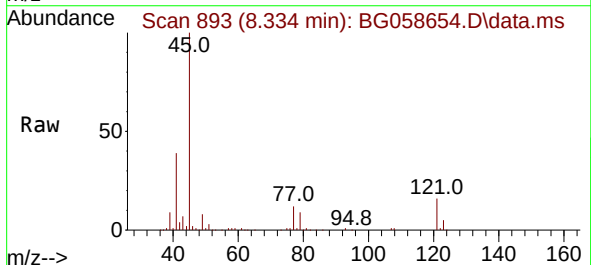
Ion	Ratio	Lower	Upper
79	100		
108	75.2	63.8	95.6
77	61.3	49.8	74.6

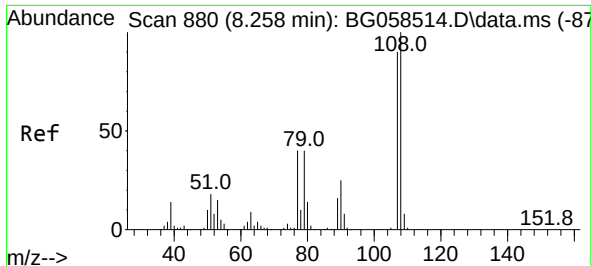


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.989 ng
RT: 8.334 min Scan# 893
Delta R.T. -0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 45 Resp: 226593

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	32.6
79	8.9	0.0	30.2





#17

2-Methylphenol

Concen: 49.310 ng

RT: 8.264 min Scan# 881

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 130222

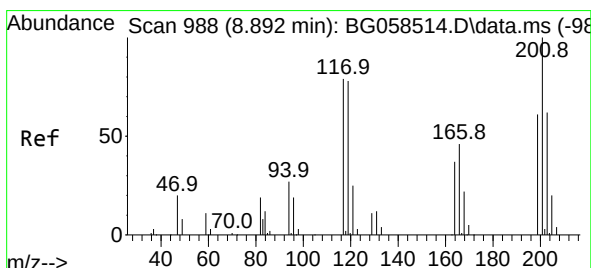
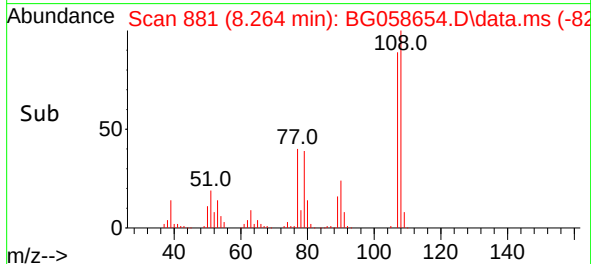
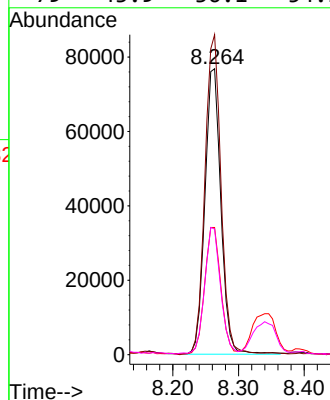
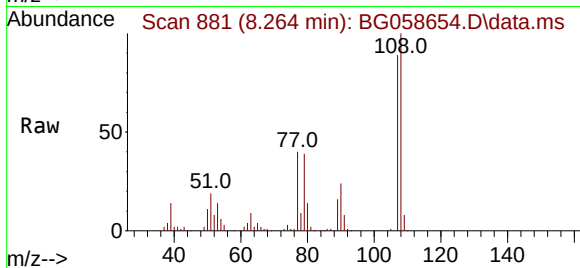
Ion Ratio Lower Upper

107 100

108 111.9 89.1 133.7

77 44.5 36.2 54.4

79 43.9 36.1 54.1



#18

Hexachloroethane

Concen: 48.884 ng

RT: 8.886 min Scan# 987

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

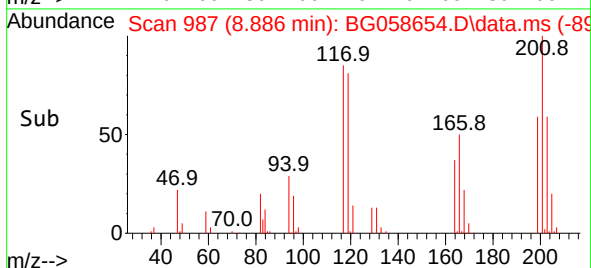
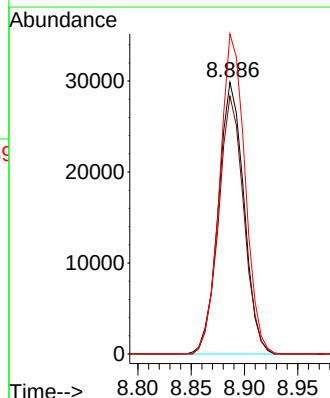
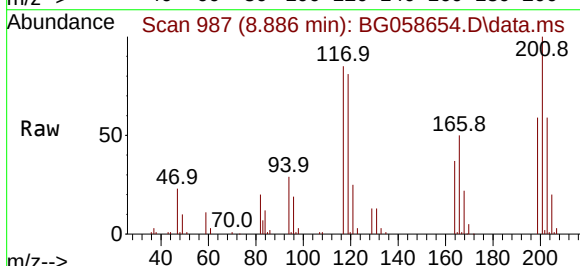
Tgt Ion:117 Resp: 49660

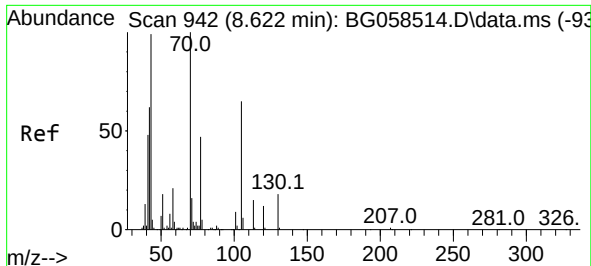
Ion Ratio Lower Upper

117 100

119 94.9 78.6 117.8

201 117.8 101.4 152.0

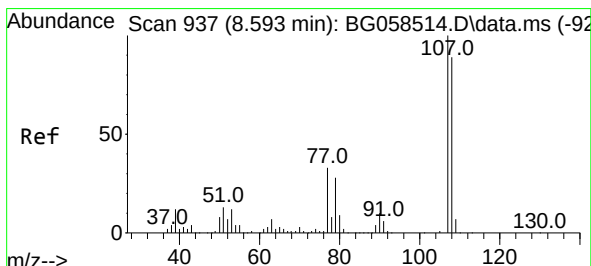
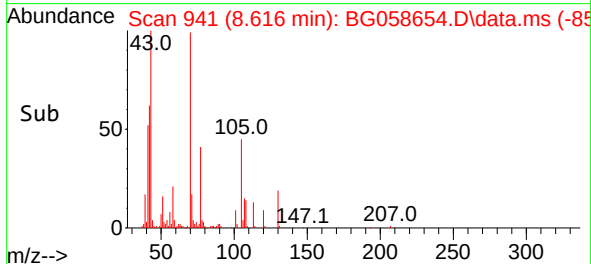
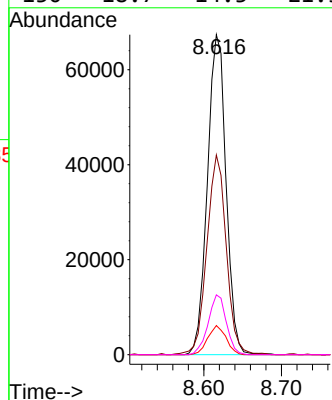
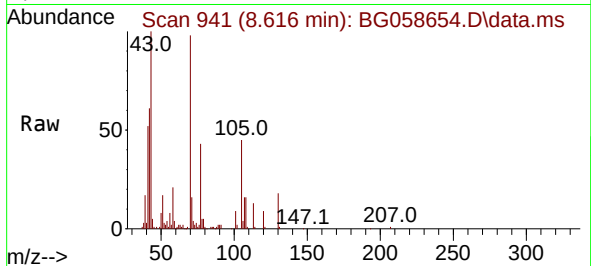




#19
n-Nitroso-di-n-propylamine
Concen: 47.123 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

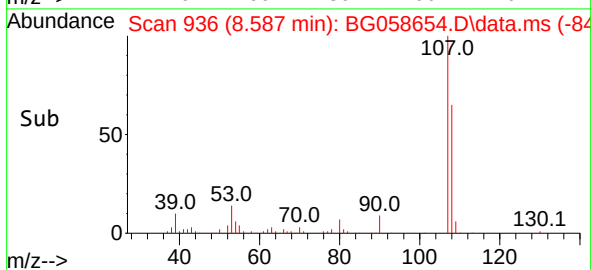
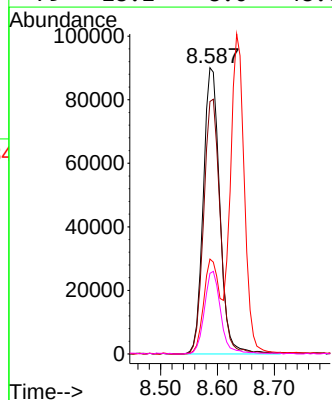
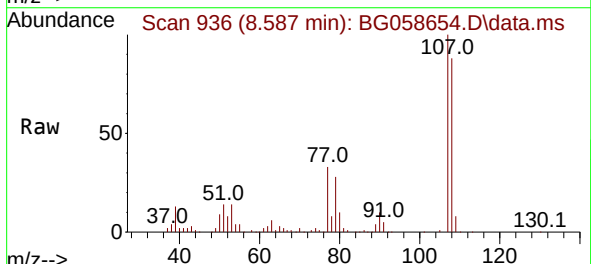
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

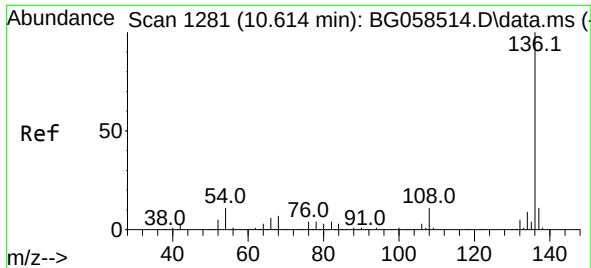
Tgt Ion: 70 Resp: 112543
Ion Ratio Lower Upper
70 100
42 62.4 49.7 74.5
101 9.1 7.0 10.4
130 18.7 14.3 21.5



#20
3+4-Methylphenols
Concen: 50.827 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 107 Resp: 181565
Ion Ratio Lower Upper
107 100
108 88.2 69.4 109.4
77 33.1 13.0 53.0
79 28.2 8.0 48.0

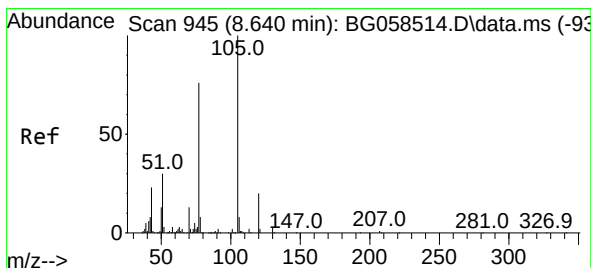
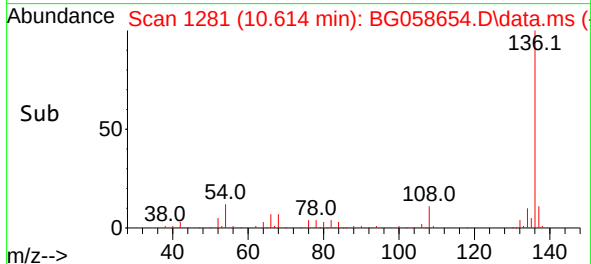
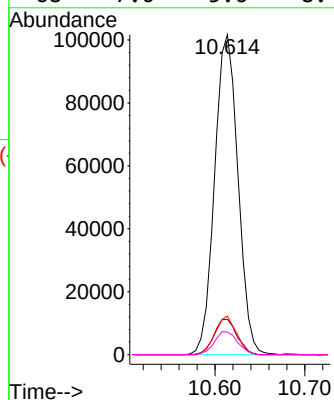
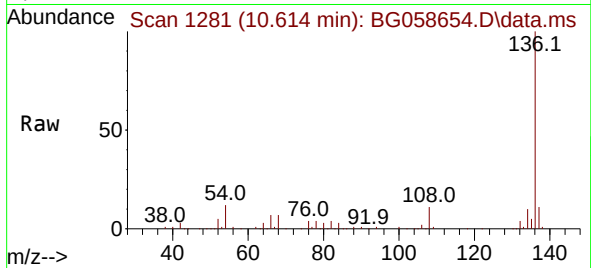




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

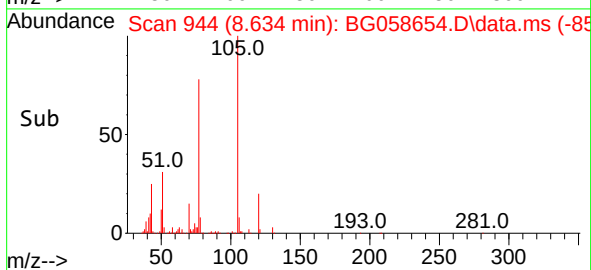
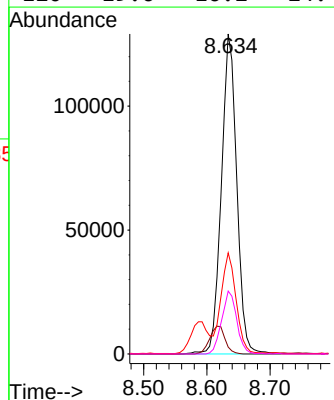
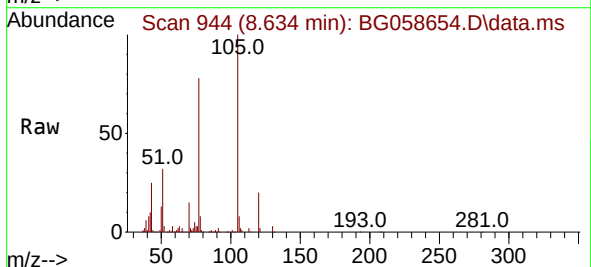
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

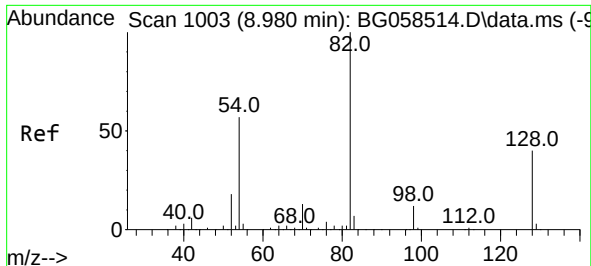
Tgt Ion:	136	Resp:	183594
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	12.1	8.9	13.3
68	7.0	5.6	8.4



#22
Acetophenone
Concen: 44.429 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:	105	Resp:	218412
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.8	2.6
51	31.6	24.2	36.2
120	19.6	16.2	24.4

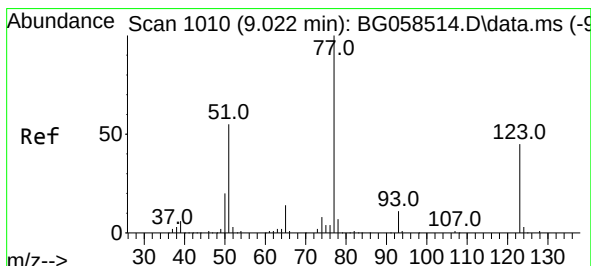
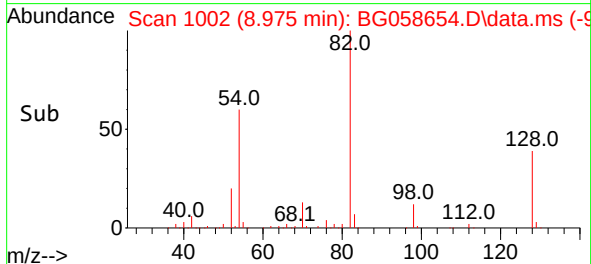
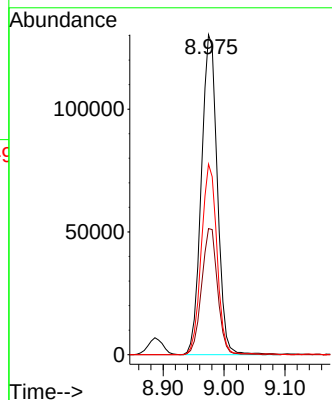
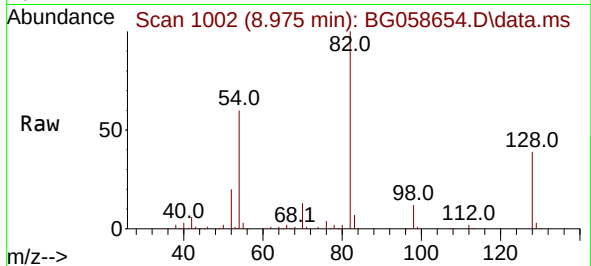




#23
Nitrobenzene-d5
Concen: 63.411 ng
RT: 8.975 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

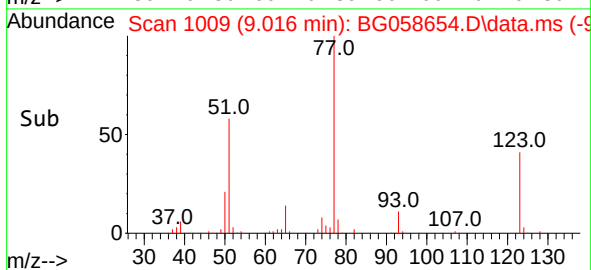
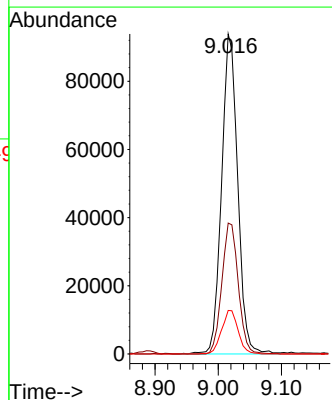
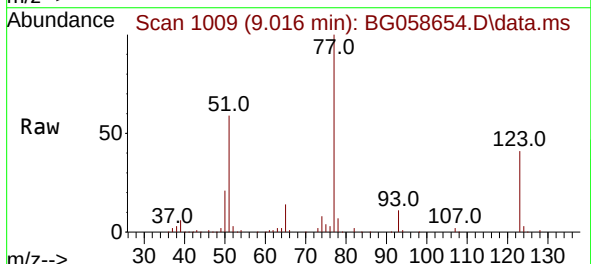
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

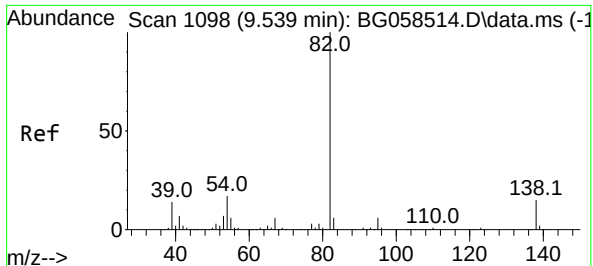
Tgt Ion: 82 Resp: 236984
Ion Ratio Lower Upper
82 100
128 39.4 32.2 48.2
54 59.5 46.0 69.0



#24
Nitrobenzene
Concen: 43.767 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 77 Resp: 166290
Ion Ratio Lower Upper
77 100
123 40.9 35.6 53.4
65 13.6 11.4 17.0

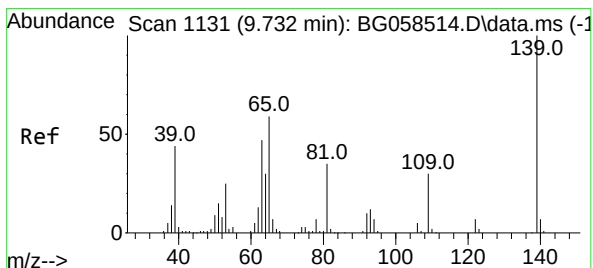
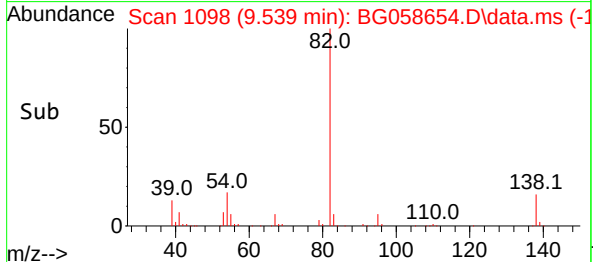
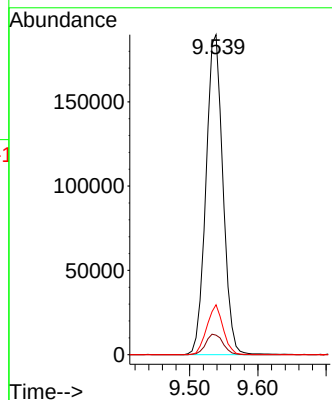
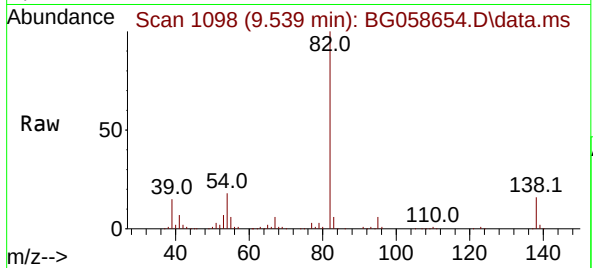




#25
Isophorone
Concen: 42.421 ng
RT: 9.539 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

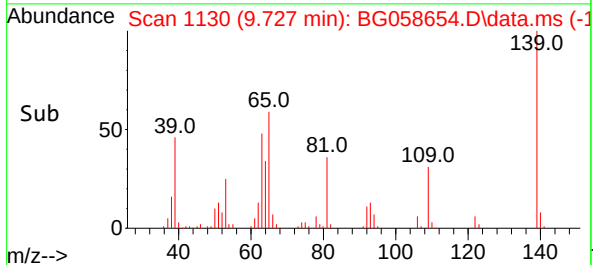
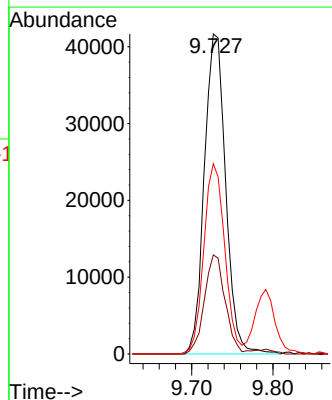
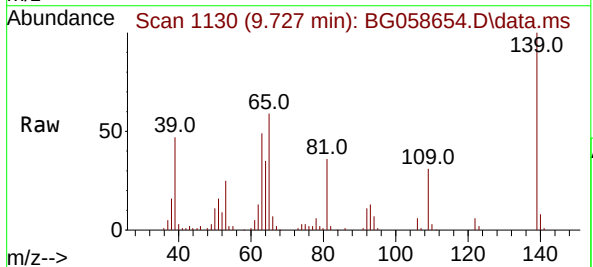
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

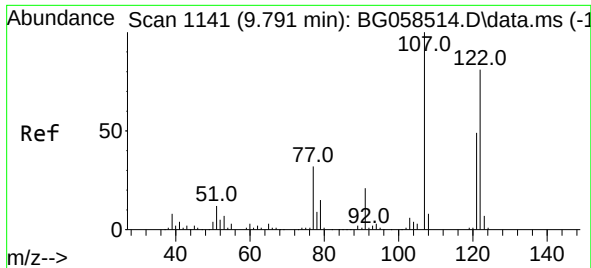
Tgt Ion: 82 Resp: 327571
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 15.6 11.9 17.9



#26
2-Nitrophenol
Concen: 45.907 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:139 Resp: 75924
Ion Ratio Lower Upper
139 100
109 30.9 24.2 36.2
65 59.5 47.0 70.4

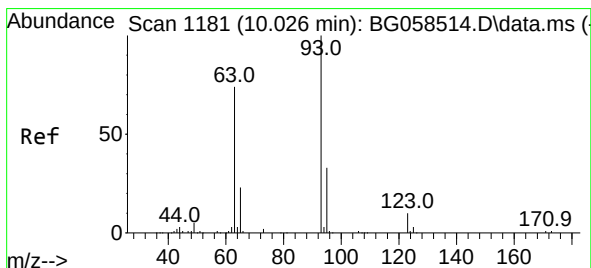
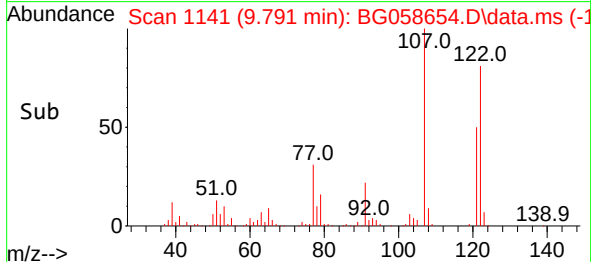
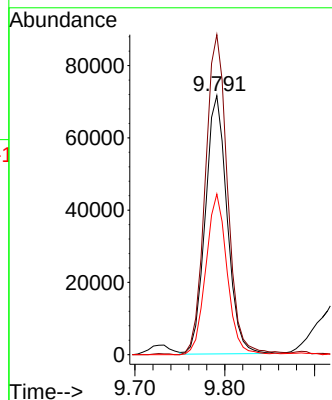
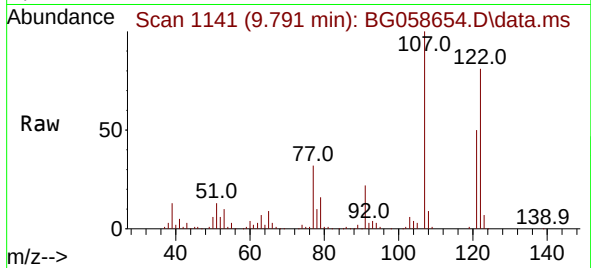




#27
2,4-Dimethylphenol
Concen: 44.015 ng
RT: 9.791 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

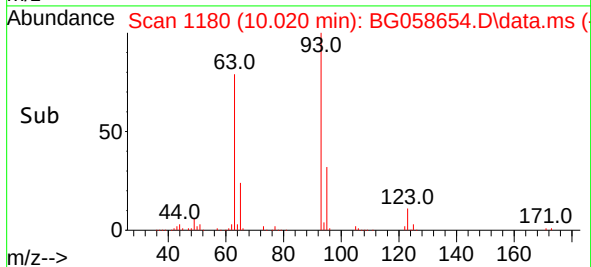
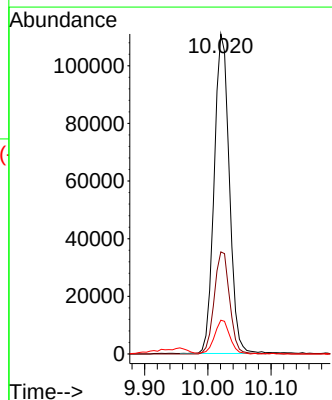
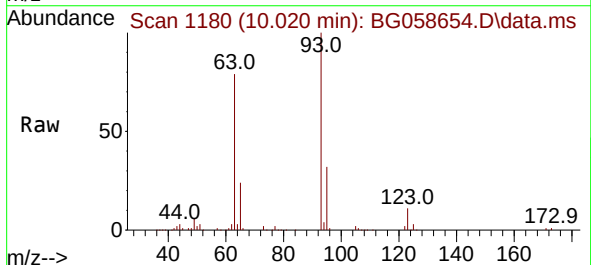
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

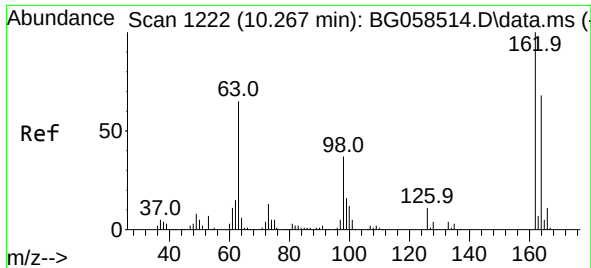
Tgt Ion:122 Resp: 120748
Ion Ratio Lower Upper
122 100
107 123.6 98.0 147.0
121 62.0 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.945 ng
RT: 10.020 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 93 Resp: 184668
Ion Ratio Lower Upper
93 100
95 31.9 26.0 39.0
123 10.5 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 49.161 ng

RT: 10.267 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

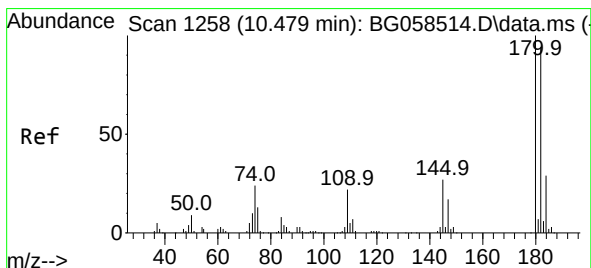
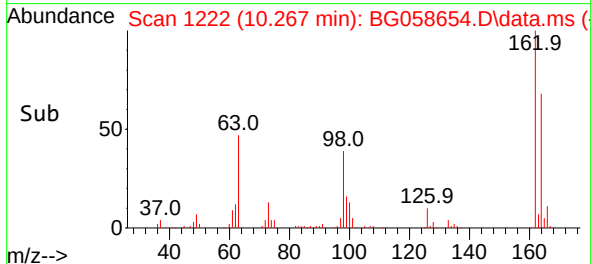
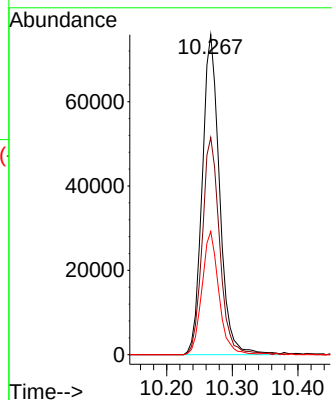
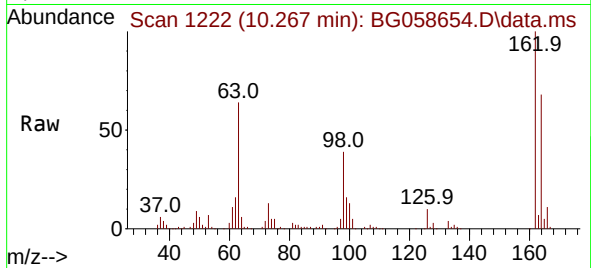
Tgt Ion:162 Resp: 140031

Ion Ratio Lower Upper

162 100

164 67.9 47.6 87.6

98 38.5 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 45.672 ng

RT: 10.479 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

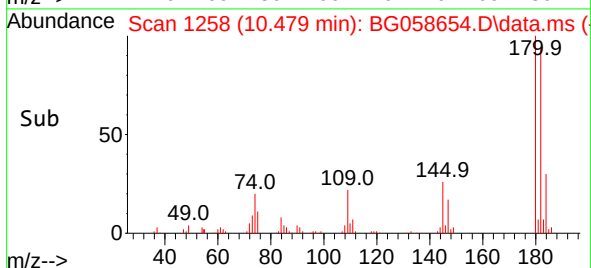
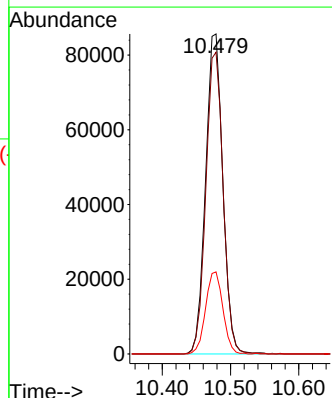
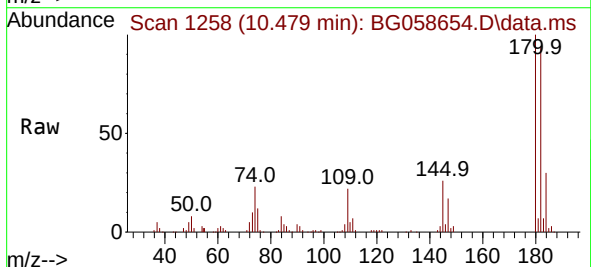
Tgt Ion:180 Resp: 150027

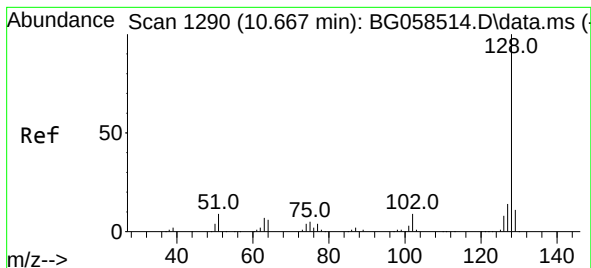
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.4

145 25.7 21.9 32.9

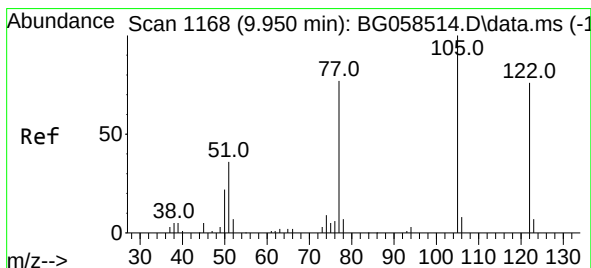
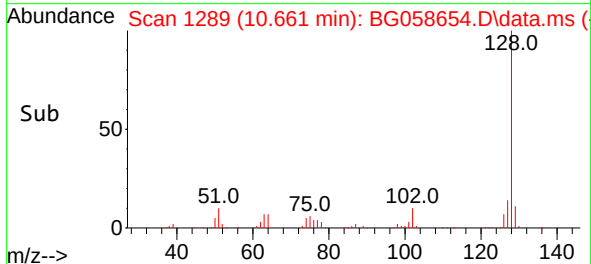
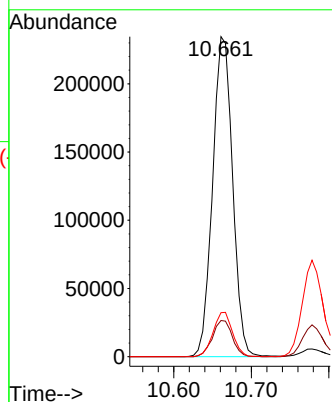
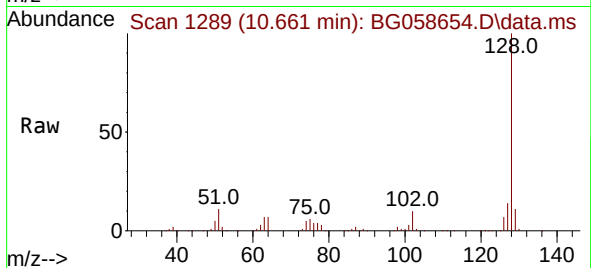




#31
Naphthalene
Concen: 43.461 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

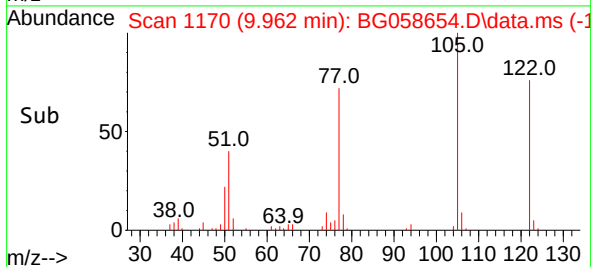
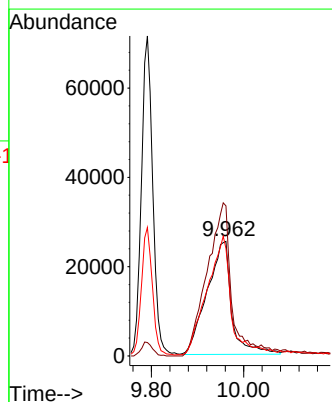
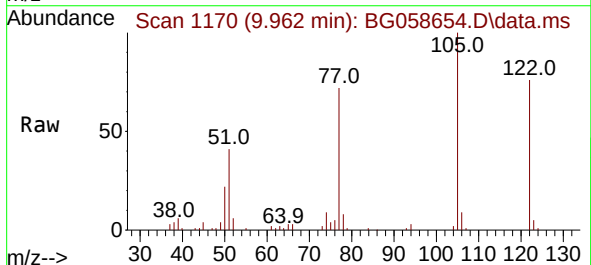
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

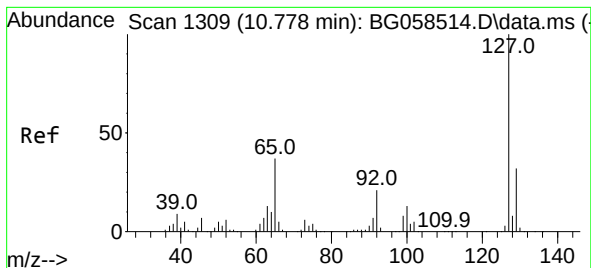
Tgt Ion:128 Resp: 420553
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 45.272 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:122 Resp: 94213
Ion Ratio Lower Upper
122 100
105 131.0 106.5 146.5
77 93.8 78.1 118.1

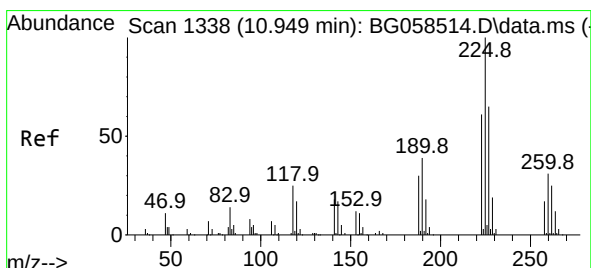
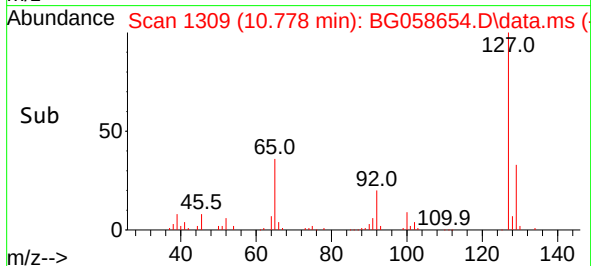
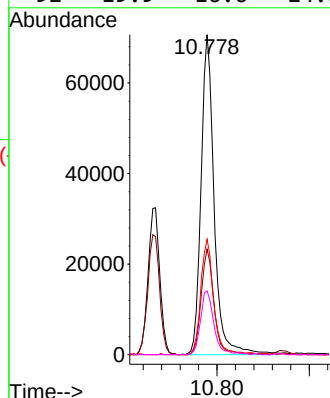
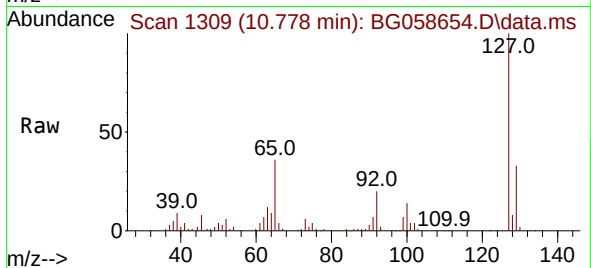




#33
4-Chloroaniline
Concen: 34.290 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

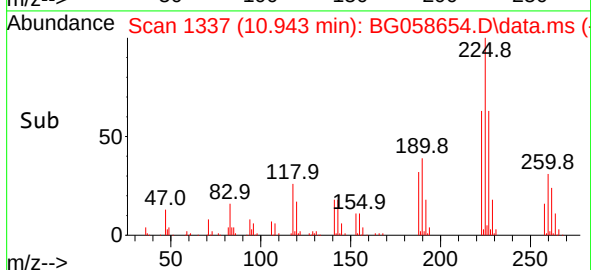
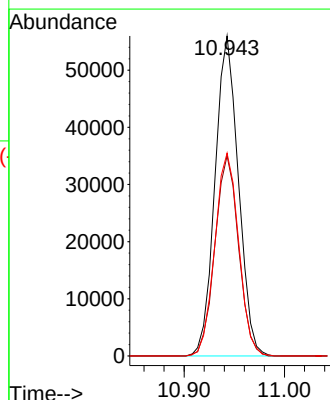
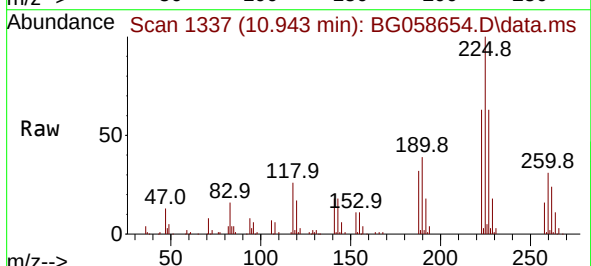
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

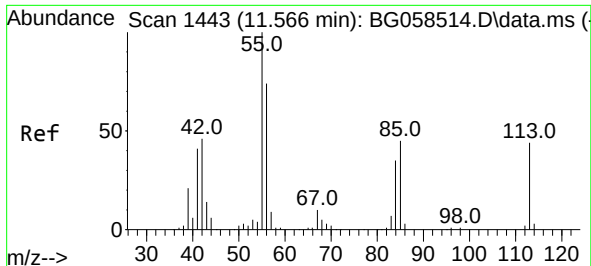
Tgt Ion:	127	Resp:	140189
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.2
65	36.0	29.5	44.3
92	19.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 42.776 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:	225	Resp:	90492
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.0	73.6
227	63.4	51.7	77.5

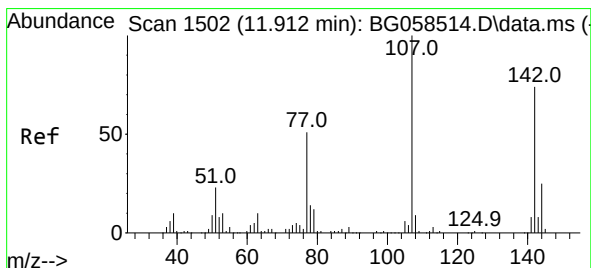
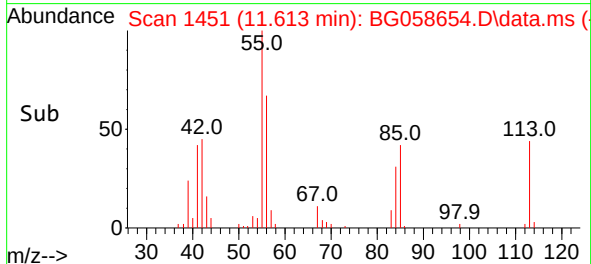
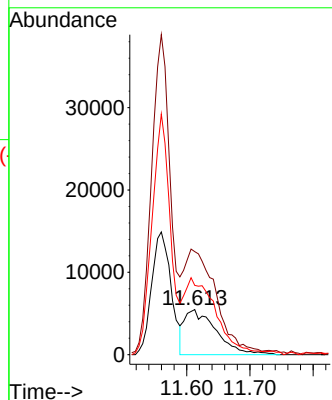
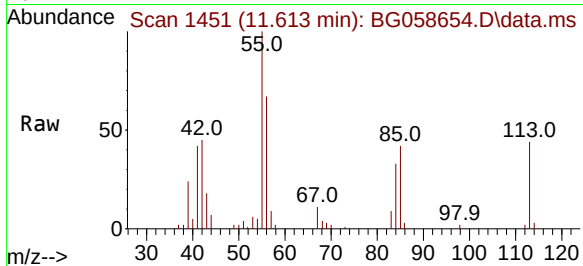




#35
Caprolactam
Concen: 18.091 ng
RT: 11.613 min Scan# 1443
Delta R.T. 0.047 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

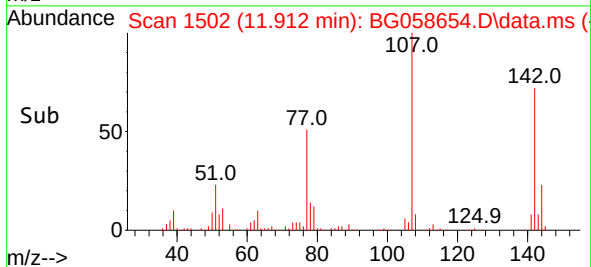
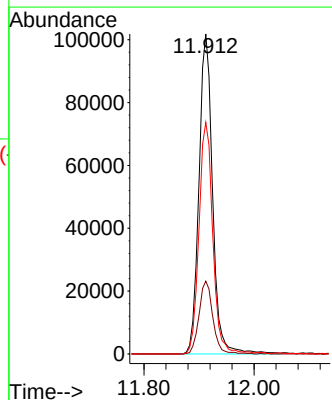
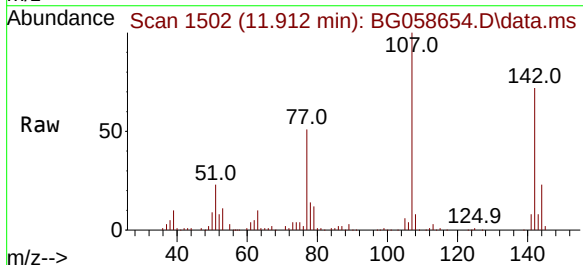
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

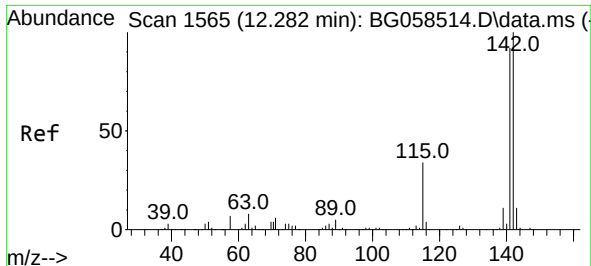
Tgt Ion:113 Resp: 19029
Ion Ratio Lower Upper
113 100
55 228.5 208.0 248.0
56 153.7 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 49.797 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:107 Resp: 175463
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 72.3 59.3 88.9





#37

2-Methylnaphthalene

Concen: 43.194 ng

RT: 12.277 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

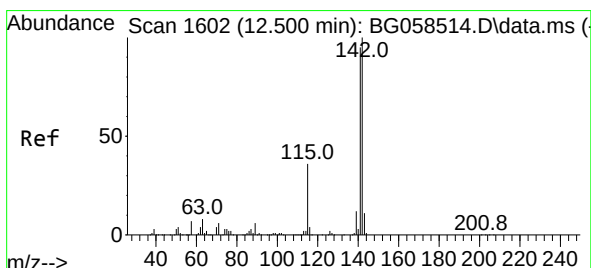
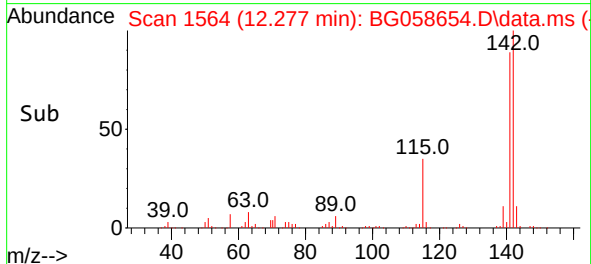
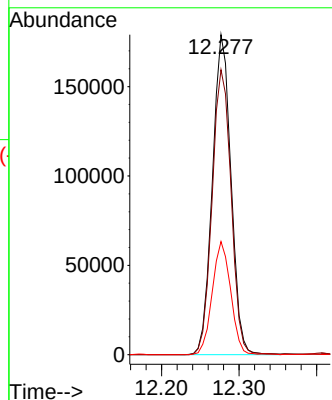
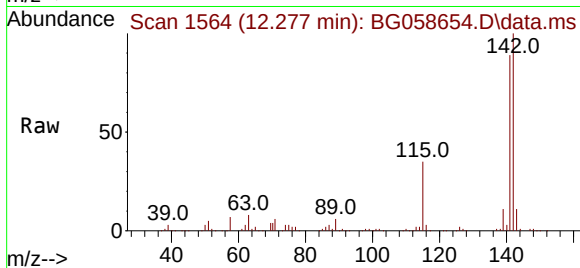
Tgt Ion:142 Resp: 298975

Ion Ratio Lower Upper

142 100

141 89.1 73.5 110.3

115 35.3 27.4 41.0



#38

1-Methylnaphthalene

Concen: 44.672 ng

RT: 12.500 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

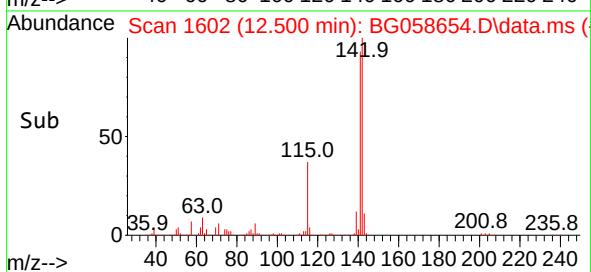
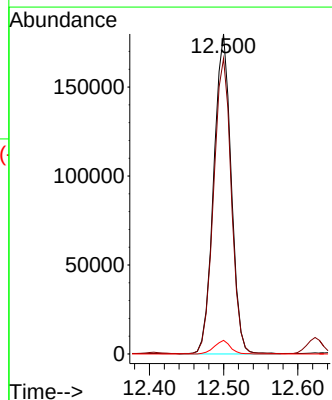
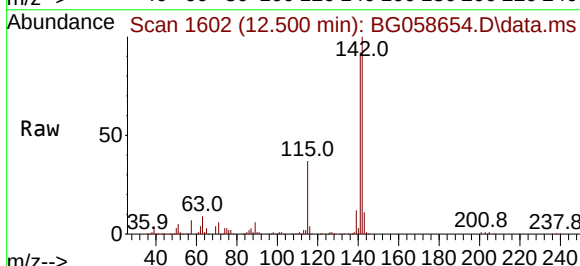
Tgt Ion:142 Resp: 293929

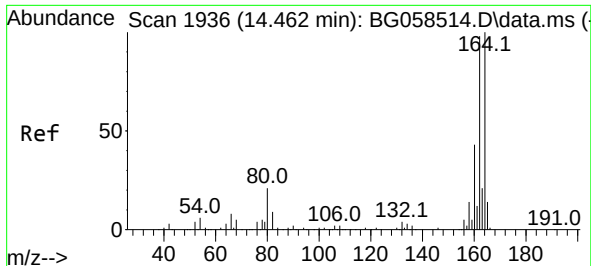
Ion Ratio Lower Upper

142 100

141 92.3 75.7 113.5

116 4.2 3.2 4.8

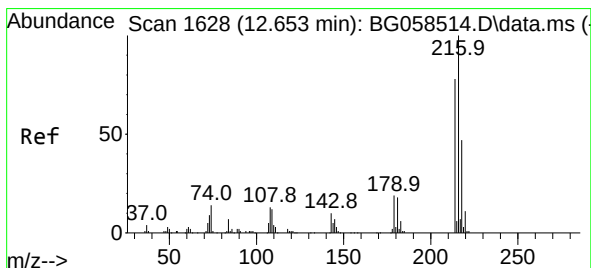
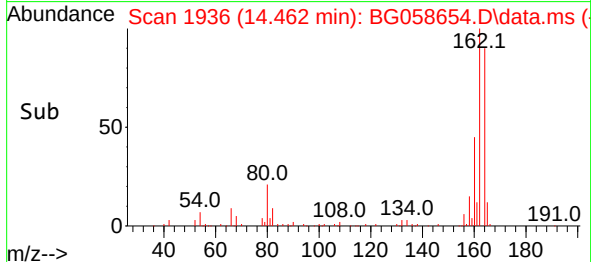
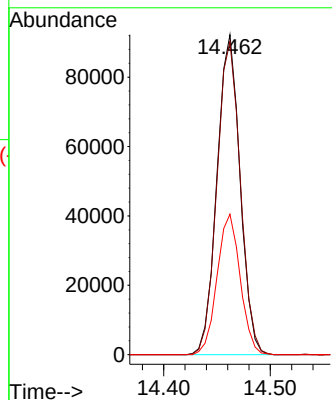
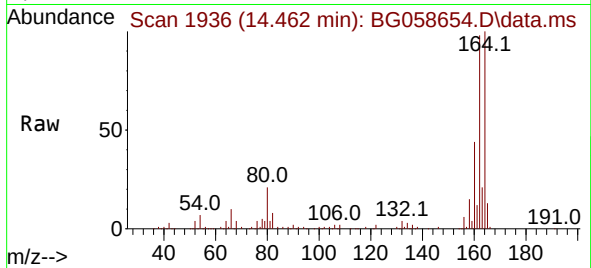




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

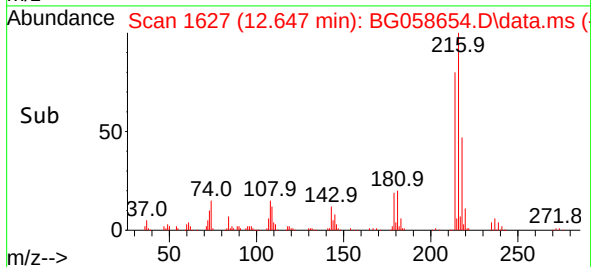
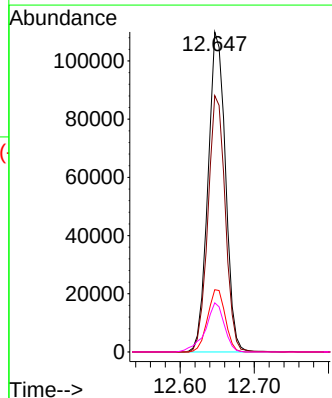
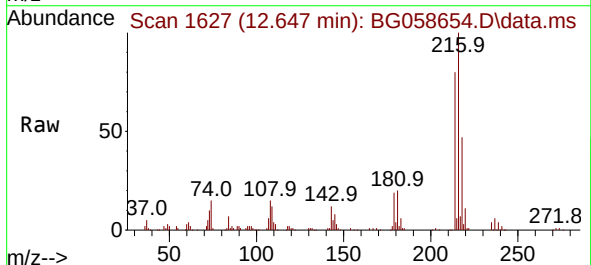
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

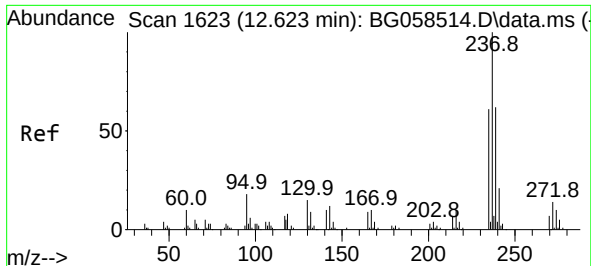
Tgt Ion:164 Resp: 138413
Ion Ratio Lower Upper
164 100
162 97.9 78.3 117.5
160 43.9 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.362 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

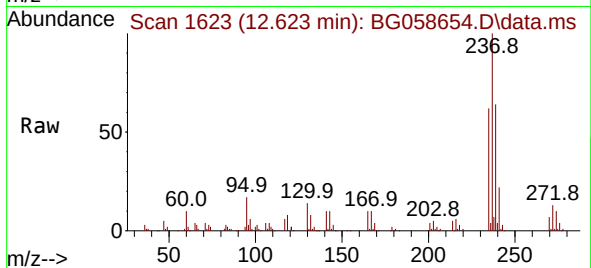
Tgt Ion:216 Resp: 180012
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 19.7 15.6 23.4
108 16.6 12.7 19.1



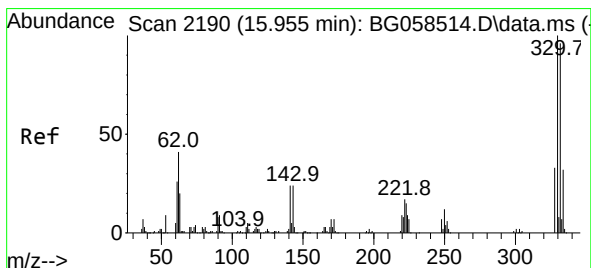
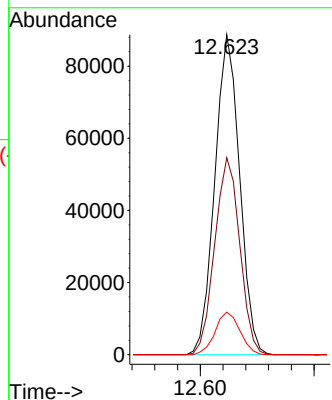
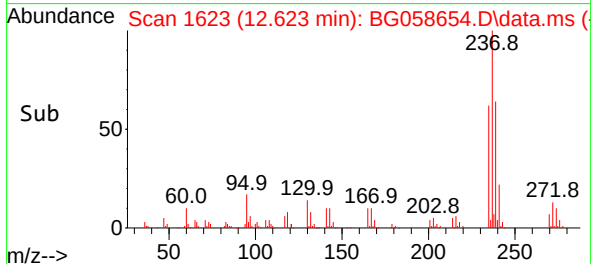


#41
Hexachlorocyclopentadiene
Concen: 69.122 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

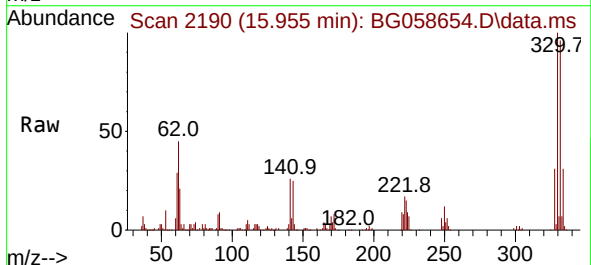
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



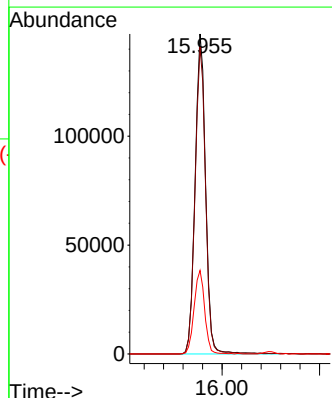
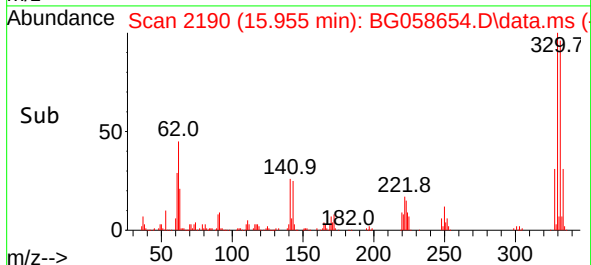
Tgt Ion:237 Resp: 134429
Ion Ratio Lower Upper
237 100
235 61.5 41.0 81.0
272 13.3 0.0 33.6

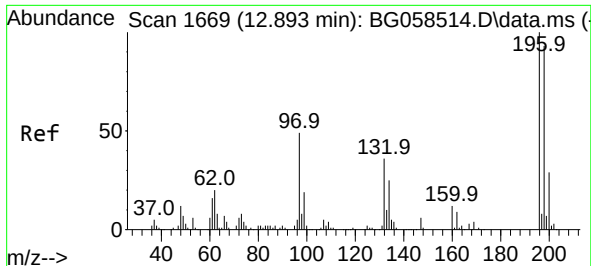


#42
2,4,6-Tribromophenol
Concen: 97.362 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:330 Resp: 220883
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 26.3 20.7 31.1

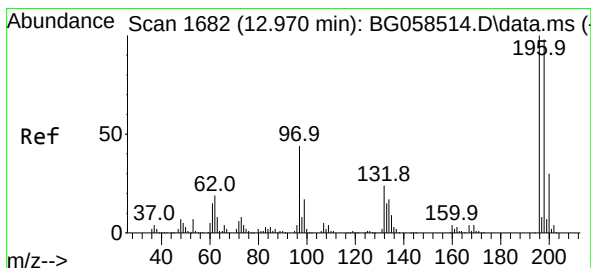
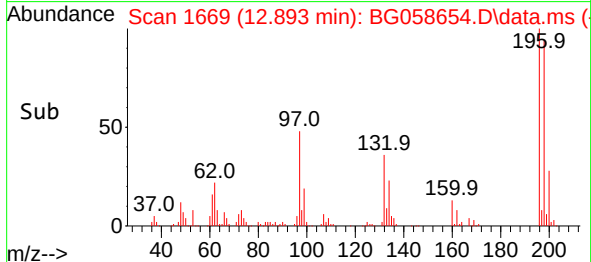
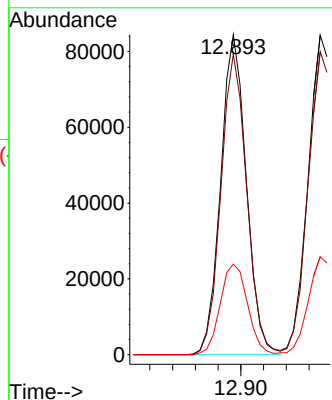
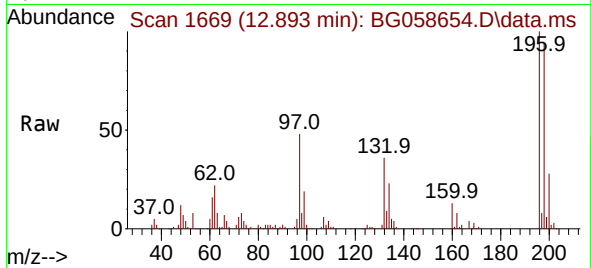




#43
2,4,6-Trichlorophenol
Concen: 45.284 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

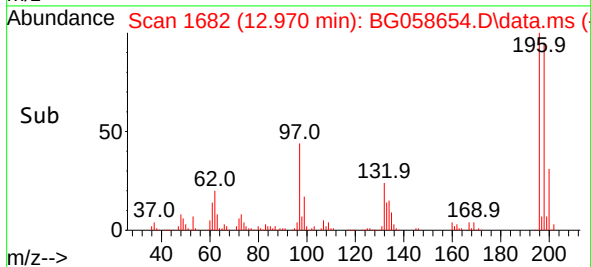
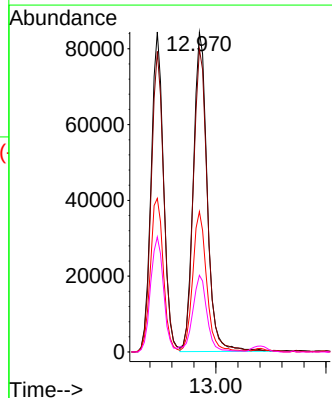
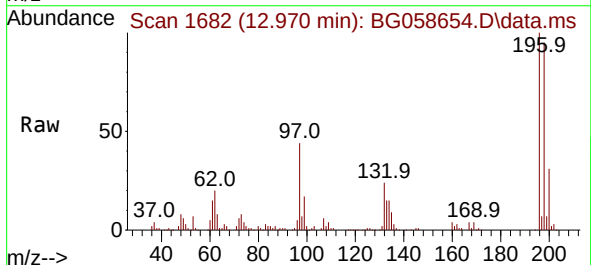
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

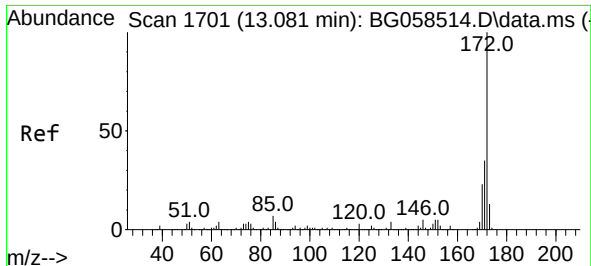
Tgt Ion:196 Resp: 132356
Ion Ratio Lower Upper
196 100
198 93.9 74.2 111.4
200 28.3 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 42.951 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:196 Resp: 147863
Ion Ratio Lower Upper
196 100
198 94.9 78.3 117.5
97 43.9 35.2 52.8
132 24.0 19.4 29.0

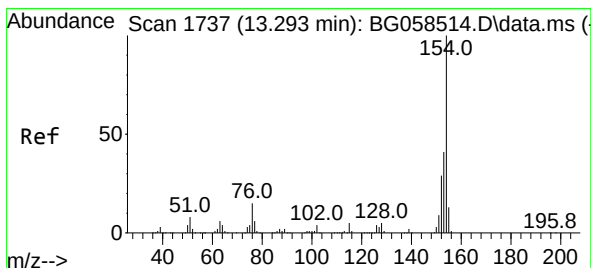
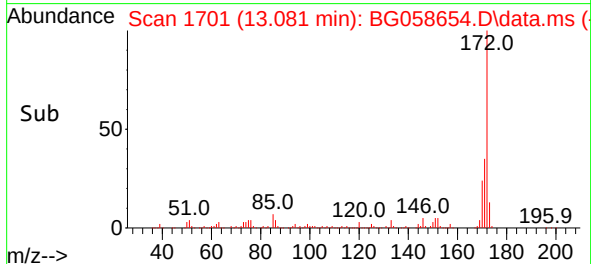
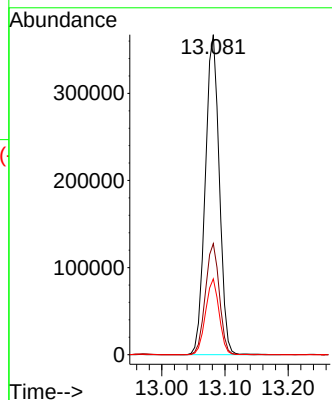
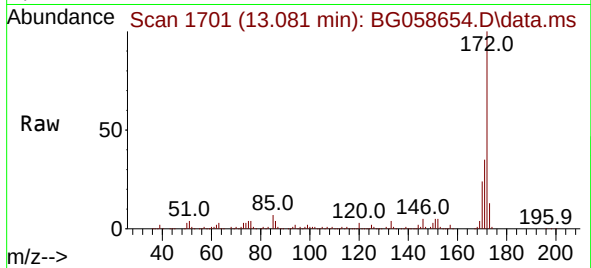




#45
2-Fluorobiphenyl
Concen: 61.271 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

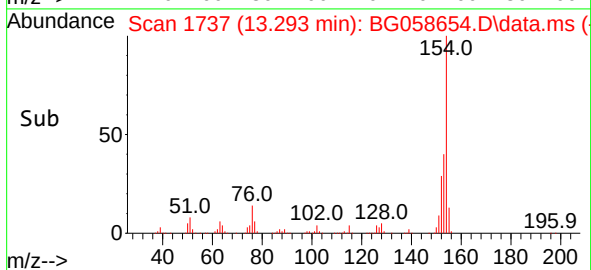
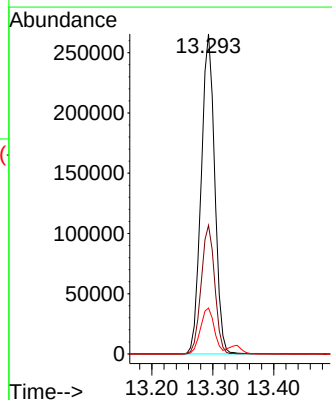
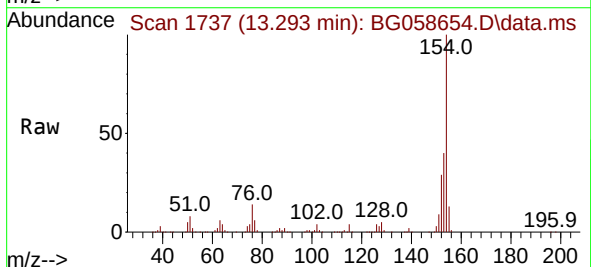
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

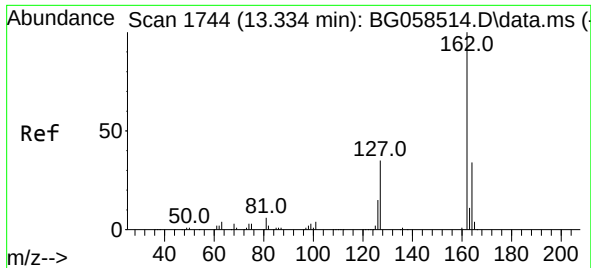
Tgt Ion:172 Resp: 565907
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.7 18.4 27.6



#46
1,1'-Biphenyl
Concen: 43.182 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:154 Resp: 410472
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 14.4 0.0 34.7

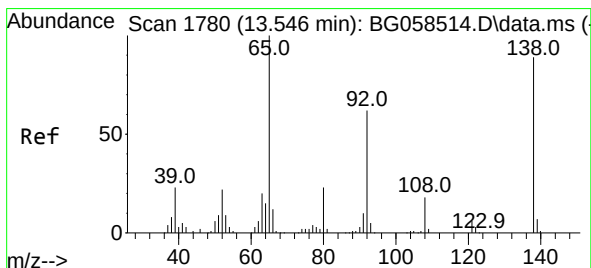
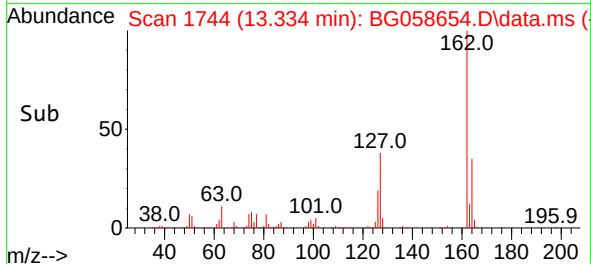
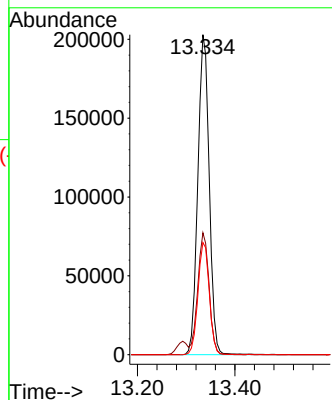
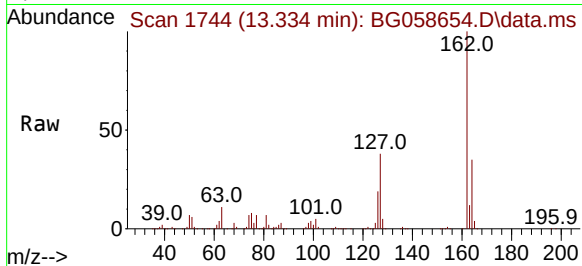




#47
2-Chloronaphthalene
Concen: 44.598 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

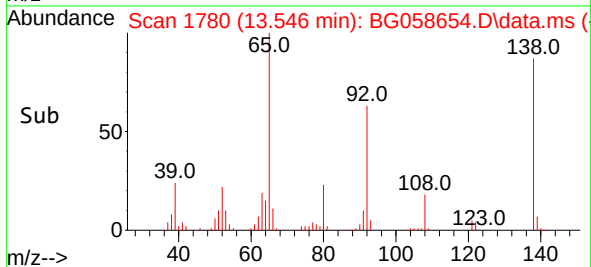
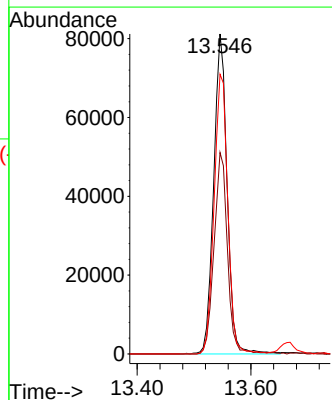
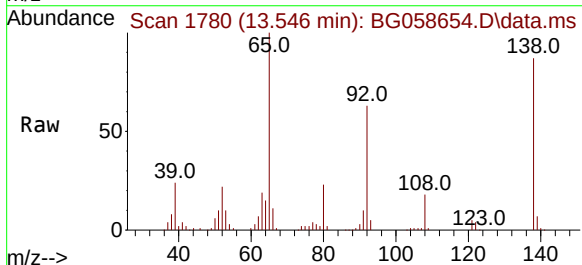
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

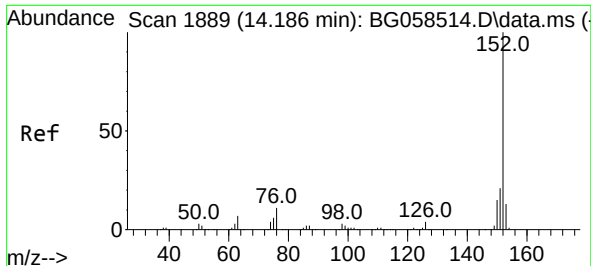
Tgt Ion:162 Resp: 330540
Ion Ratio Lower Upper
162 100
127 38.1 30.9 46.3
164 35.0 27.2 40.8



#48
2-Nitroaniline
Concen: 46.974 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 65 Resp: 132885
Ion Ratio Lower Upper
65 100
92 63.0 49.2 73.8
138 87.4 71.5 107.3

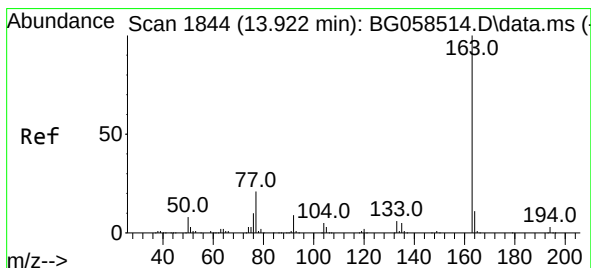
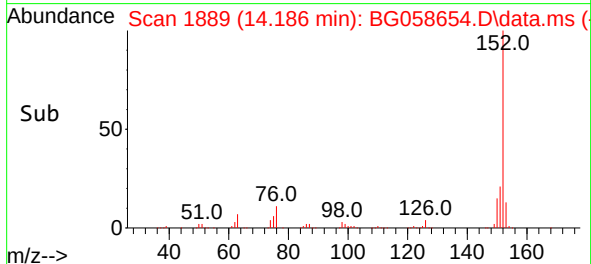
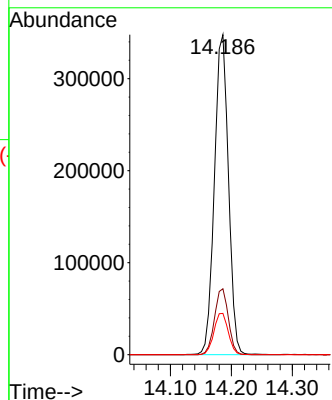
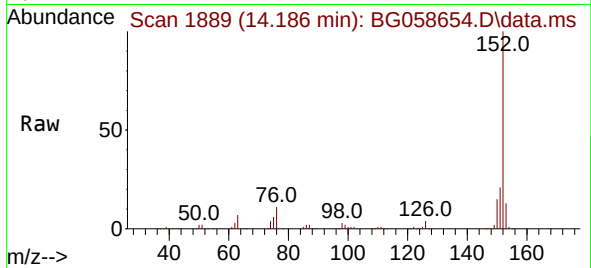




#49
Acenaphthylene
Concen: 44.810 ng
RT: 14.186 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

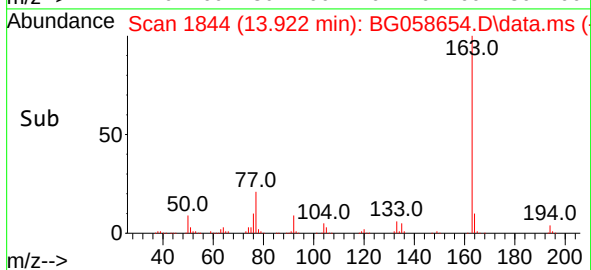
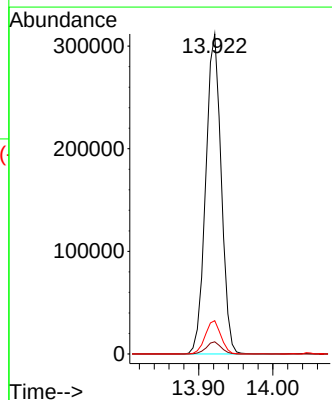
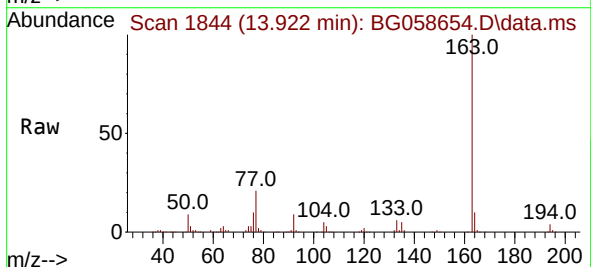
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

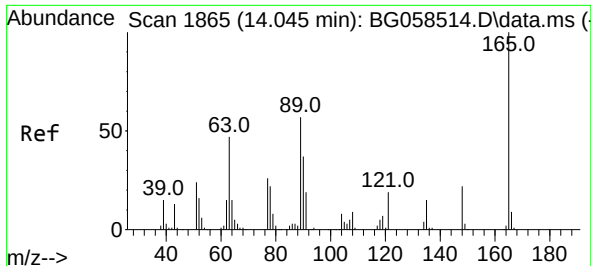
Tgt Ion:152 Resp: 556030
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 12.9 10.7 16.1



#50
Dimethylphthalate
Concen: 43.399 ng
RT: 13.922 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:163 Resp: 451142
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.6 12.8

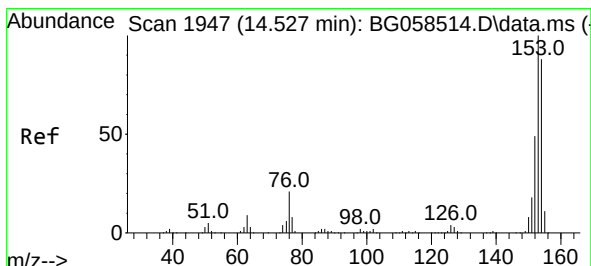
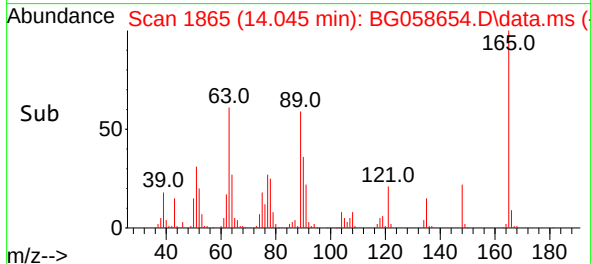
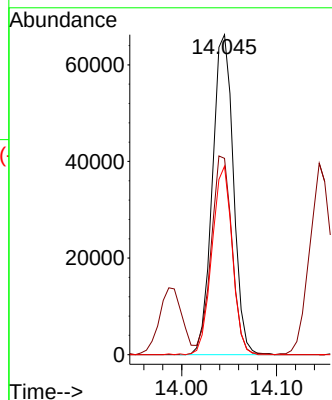
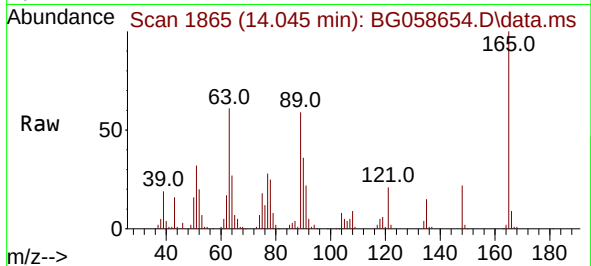




#51
2,6-Dinitrotoluene
Concen: 44.718 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

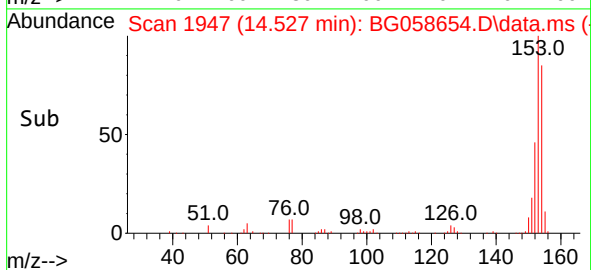
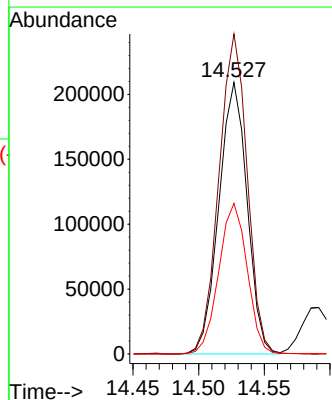
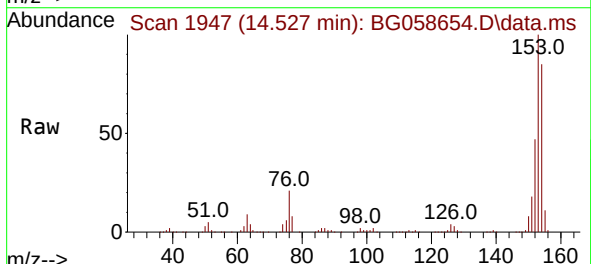
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

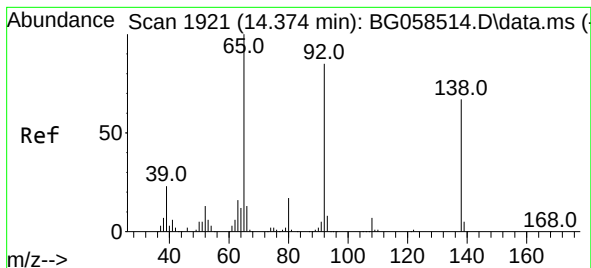
Tgt Ion:165 Resp: 101996
Ion Ratio Lower Upper
165 100
63 61.4 46.4 69.6
89 58.9 45.3 67.9



#52
Acenaphthene
Concen: 43.606 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:154 Resp: 312649
Ion Ratio Lower Upper
154 100
153 117.8 91.1 136.7
152 55.4 44.6 66.8

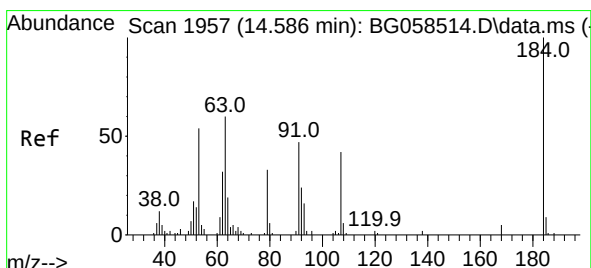
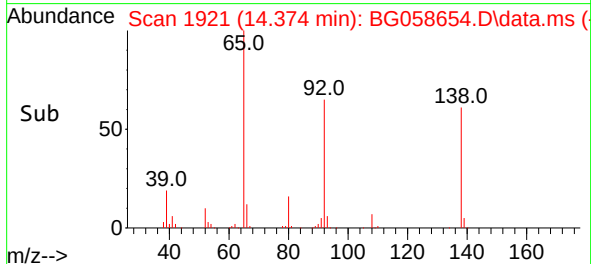
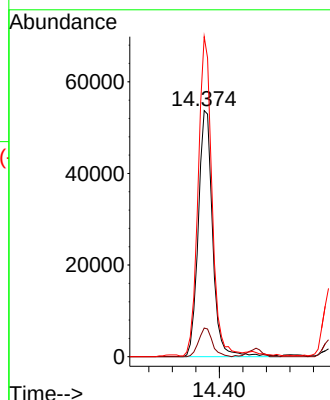
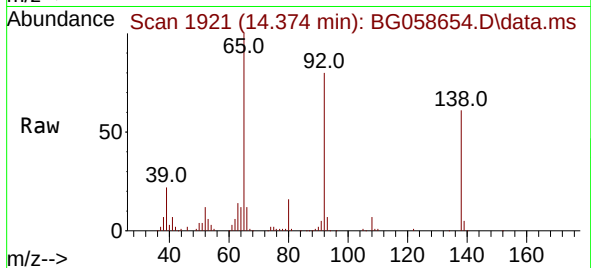




#53
3-Nitroaniline
Concen: 39.871 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

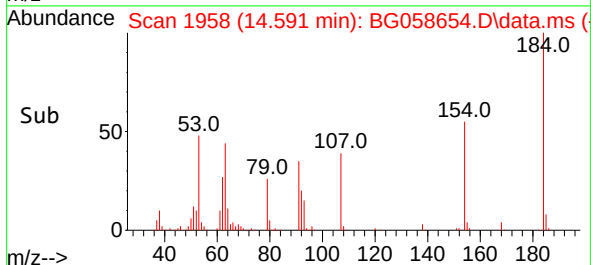
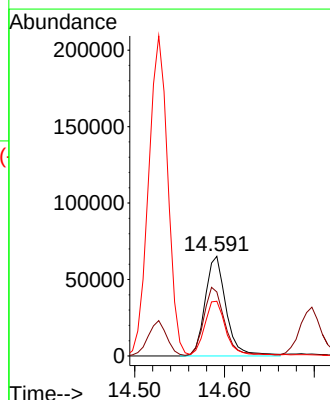
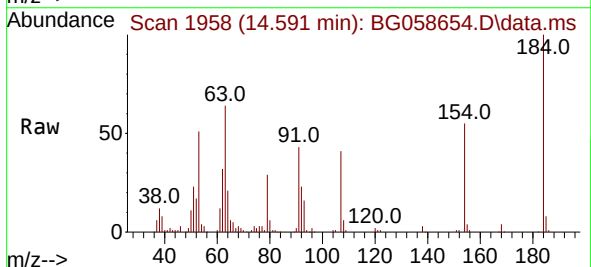
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

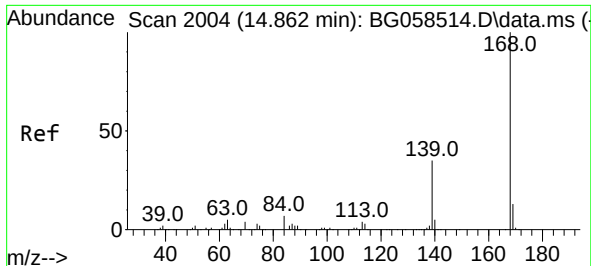
Tgt Ion:138 Resp: 90986
Ion Ratio Lower Upper
138 100
108 11.7 8.3 12.5
92 130.0 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 81.849 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:184 Resp: 105485
Ion Ratio Lower Upper
184 100
63 64.3 56.7 85.1
154 54.8 46.1 69.1

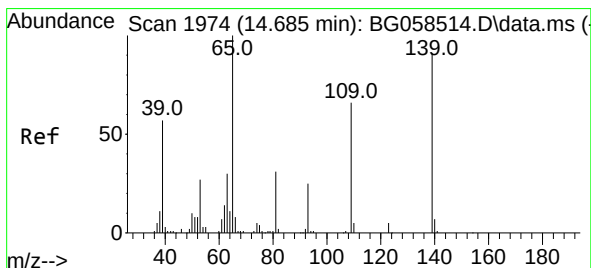
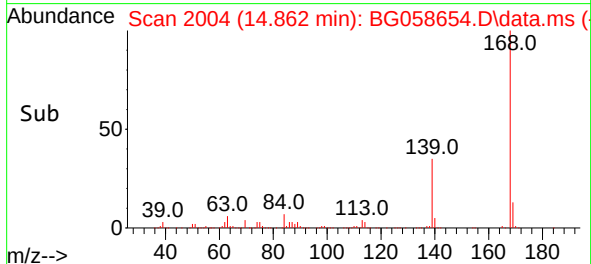
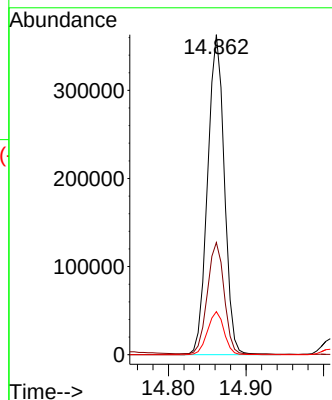
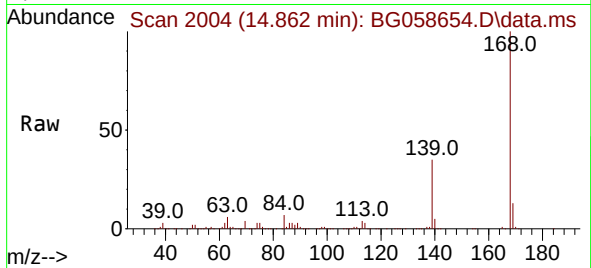




#55
Dibenzofuran
Concen: 44.102 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

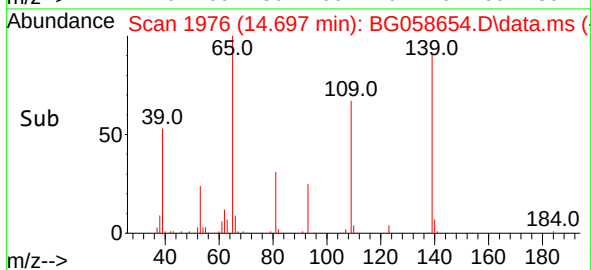
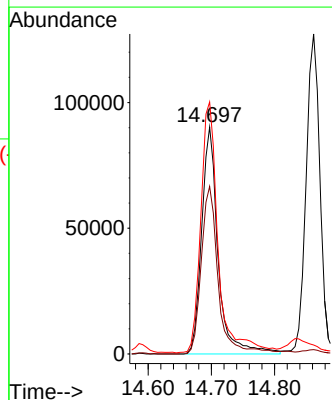
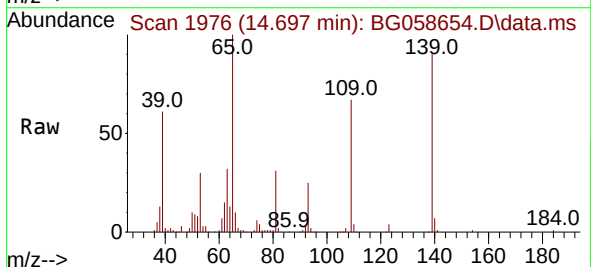
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

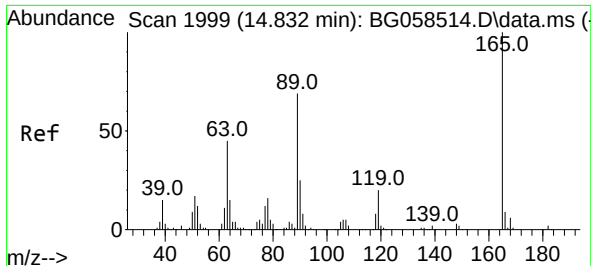
Tgt Ion:168 Resp: 543349
Ion Ratio Lower Upper
168 100
139 35.0 27.8 41.8
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 95.908 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:139 Resp: 163343
Ion Ratio Lower Upper
139 100
109 73.9 52.5 92.5
65 111.0 90.5 130.5

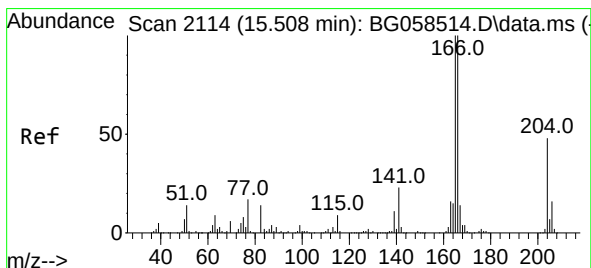
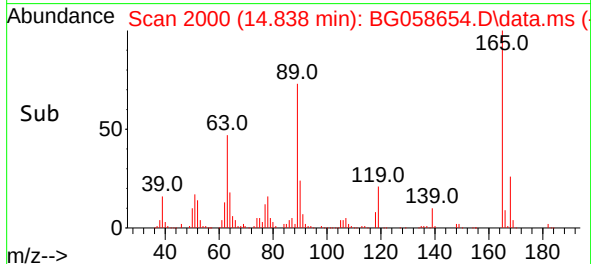
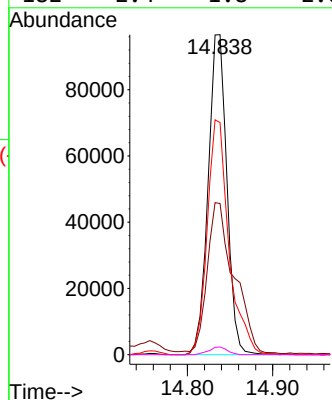
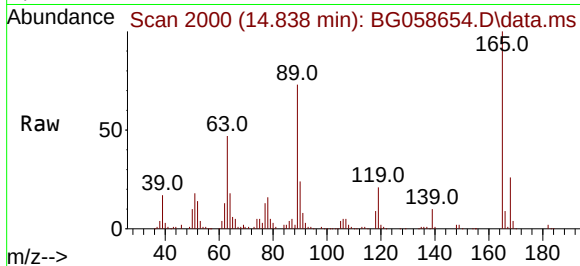




#57
2,4-Dinitrotoluene
Concen: 46.637 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

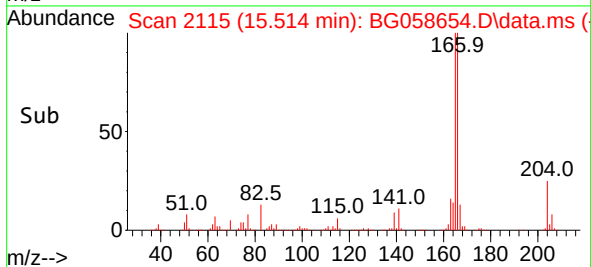
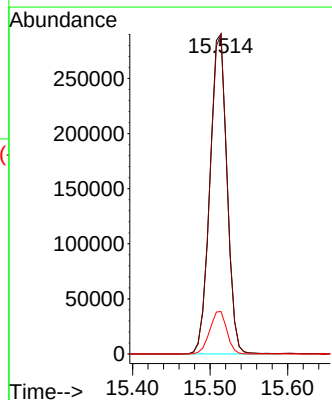
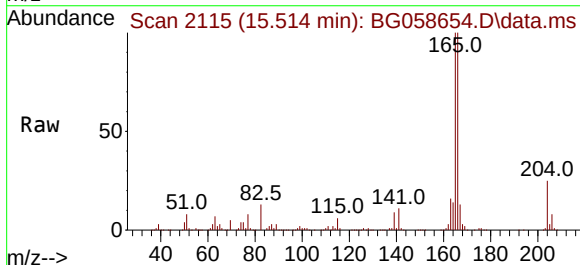
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

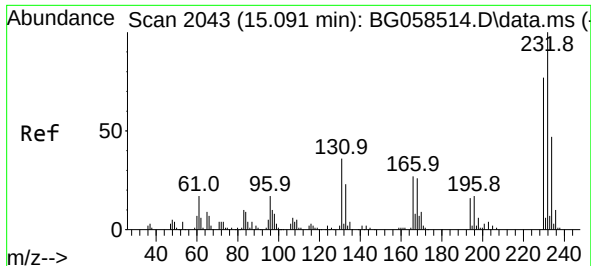
Tgt Ion:165 Resp: 147474
Ion Ratio Lower Upper
165 100
63 47.3 36.6 54.8
89 72.5 55.4 83.0
182 2.4 1.8 2.6



#58
Fluorene
Concen: 45.259 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:166 Resp: 442965
Ion Ratio Lower Upper
166 100
165 100.0 80.0 120.0
167 13.3 11.3 16.9

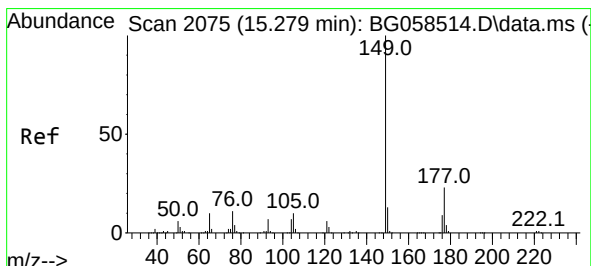
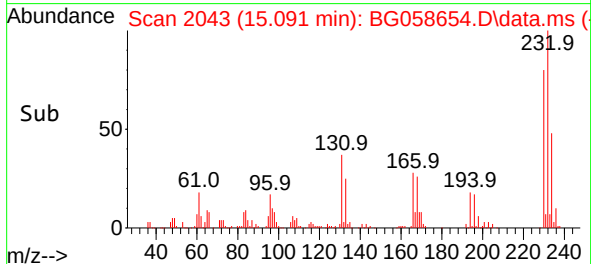
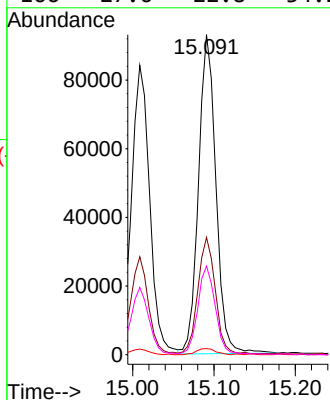
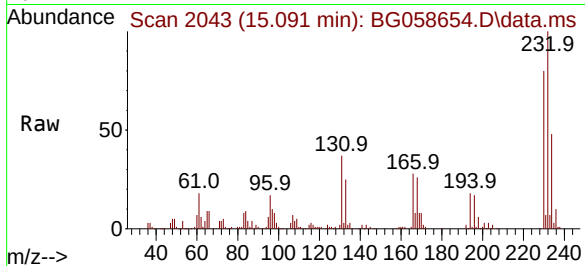




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.150 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

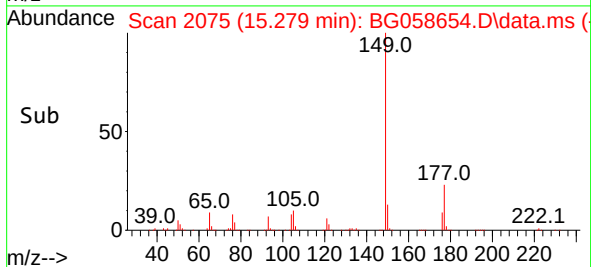
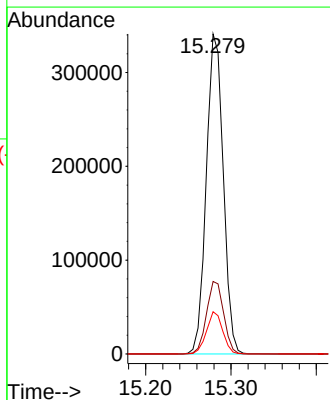
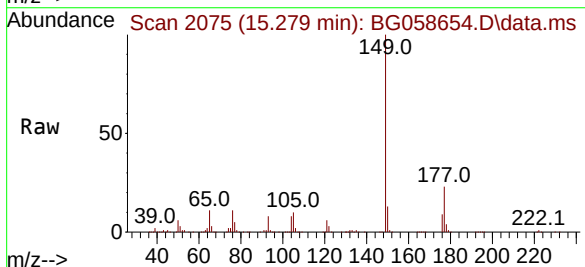
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

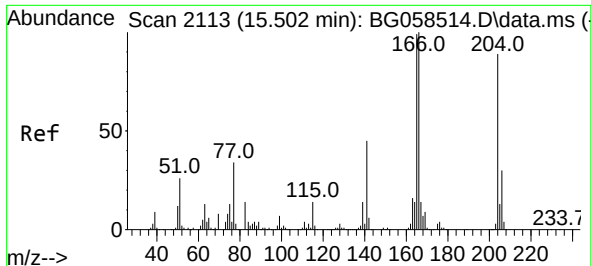
Tgt Ion:232 Resp: 138510
Ion Ratio Lower Upper
232 100
131 36.4 30.0 45.0
130 2.1 1.5 2.3
166 27.6 22.8 34.2



#60
Diethylphthalate
Concen: 44.450 ng
RT: 15.279 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:149 Resp: 470735
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 13.2 10.2 15.4

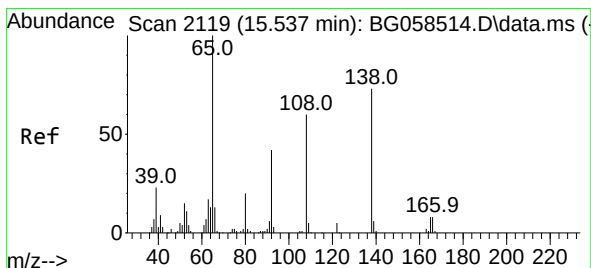
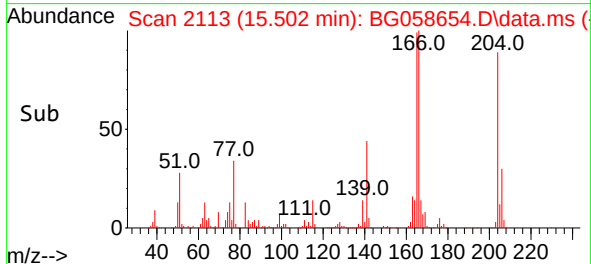
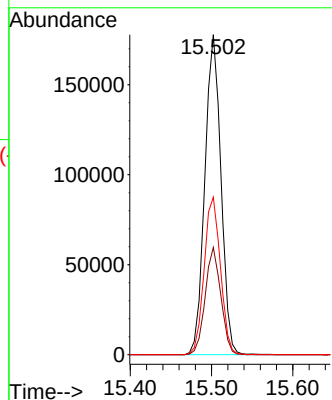
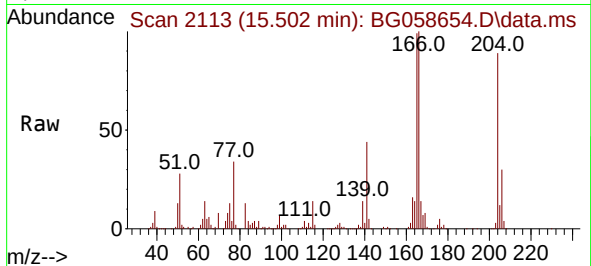




#61
4-Chlorophenyl-phenylether
Concen: 44.816 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

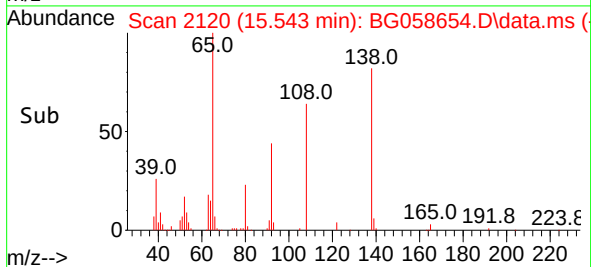
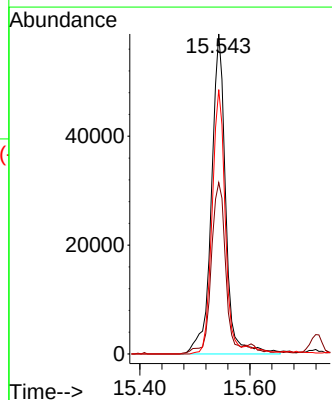
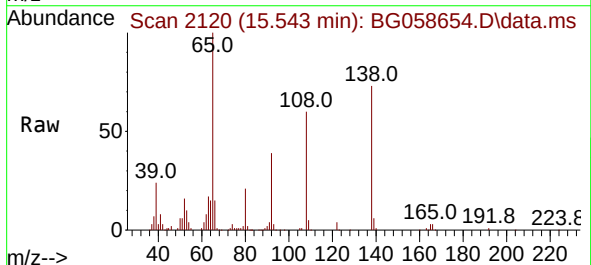
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

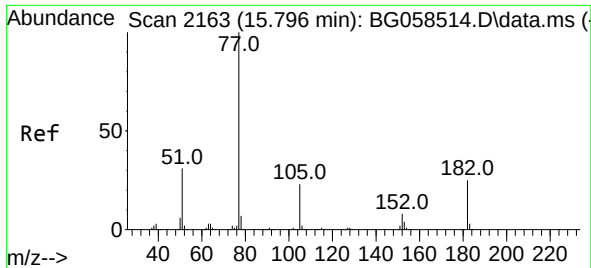
Tgt Ion:204 Resp: 244537
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 49.2 40.8 61.2



#62
4-Nitroaniline
Concen: 49.026 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:138 Resp: 105981
Ion Ratio Lower Upper
138 100
92 53.5 37.3 77.3
108 82.6 62.6 102.6

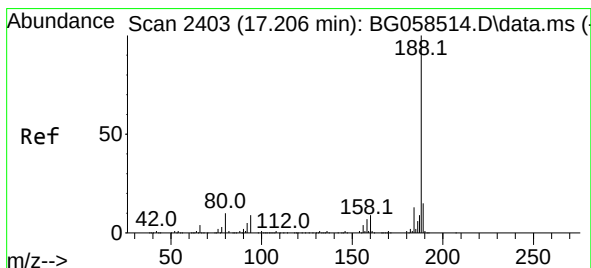
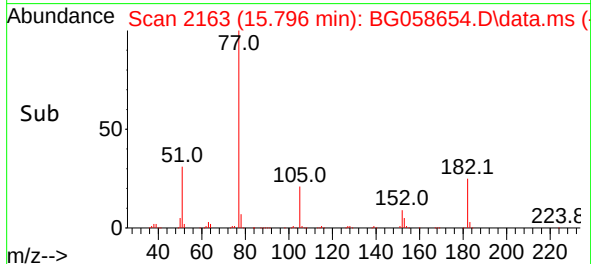
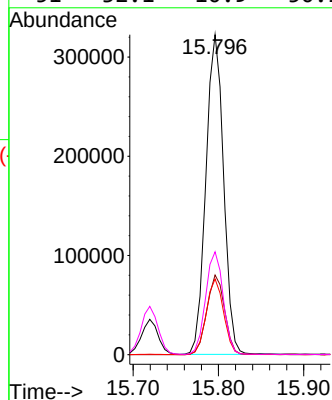
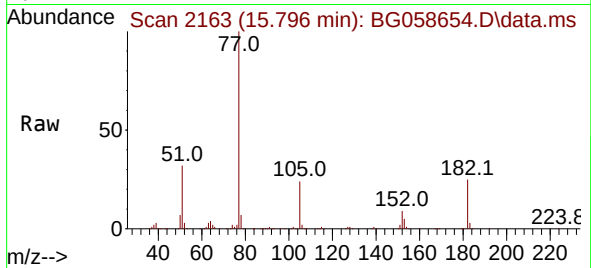




#63
Azobenzene
Concen: 44.499 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

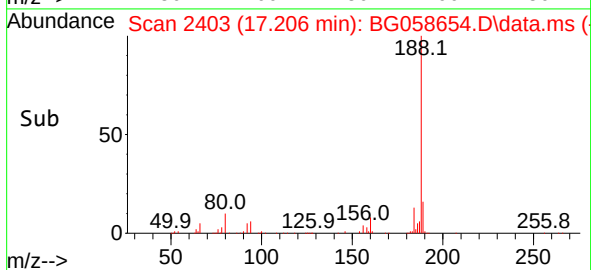
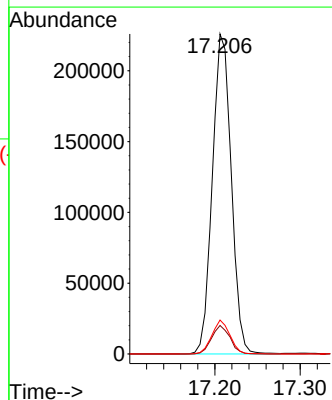
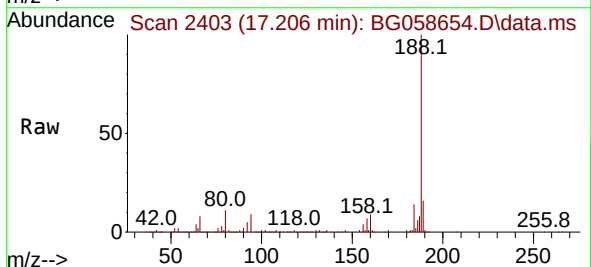
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

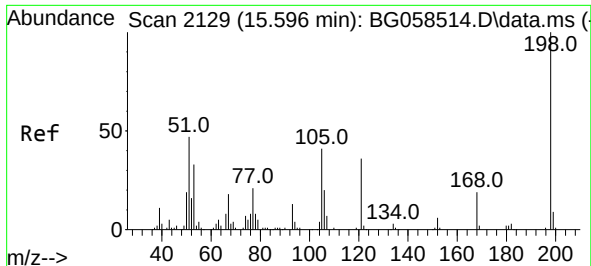
Tgt Ion: 77	Resp: 464163
Ion Ratio	Lower Upper
77 100	
182 24.9	4.6 44.6
105 23.6	3.3 43.3
51 32.1	10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:188	Resp: 347894		
Ion Ratio	Lower	Upper	
188 100			
94 8.9	7.0	10.6	
80 10.6	8.1	12.1	

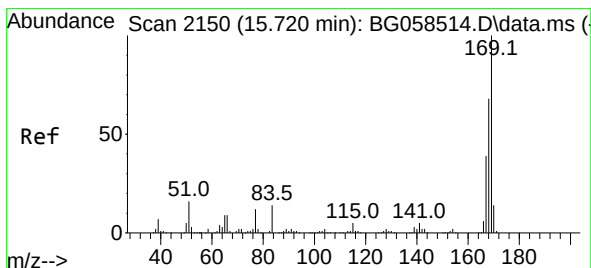
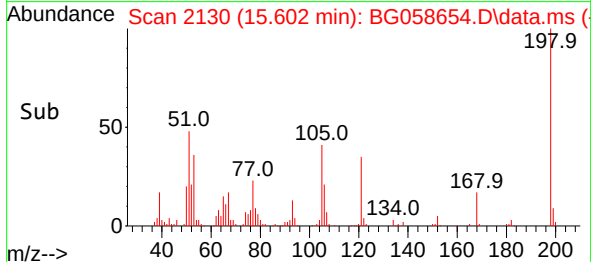
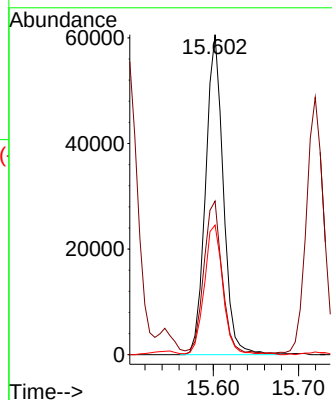
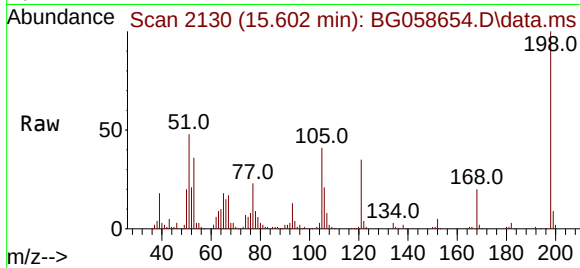




#65
4,6-Dinitro-2-methylphenol
Concen: 45.589 ng
RT: 15.602 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

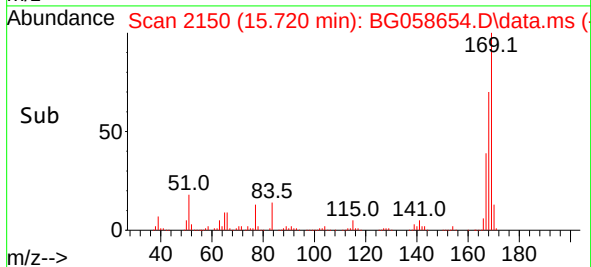
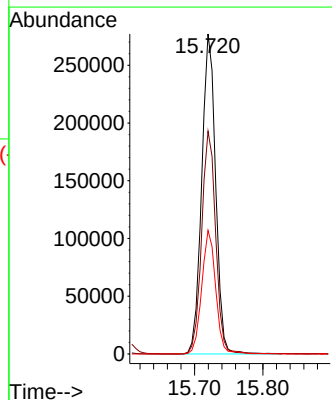
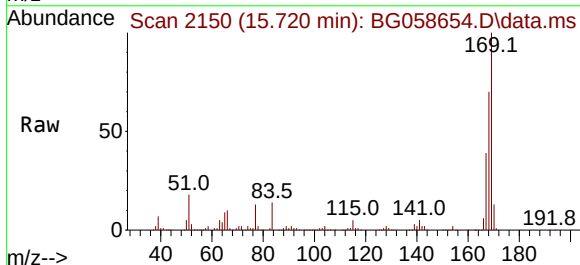
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

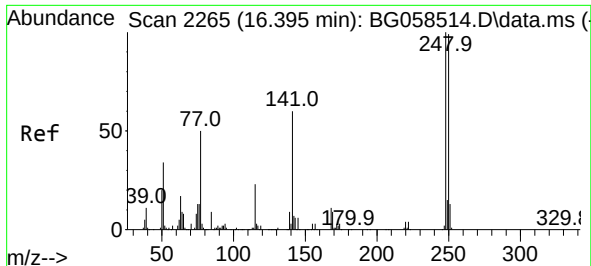
Tgt Ion:198 Resp: 87452
Ion Ratio Lower Upper
198 100
51 48.0 29.3 69.3
105 40.5 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 43.386 ng
RT: 15.720 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:169 Resp: 392850
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 38.6 31.3 46.9

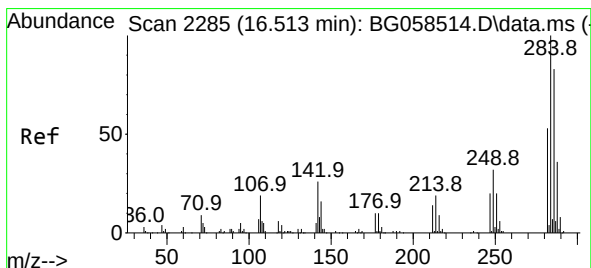
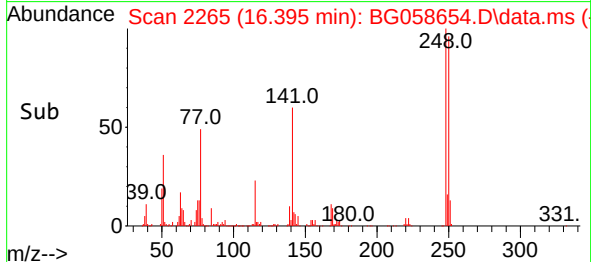
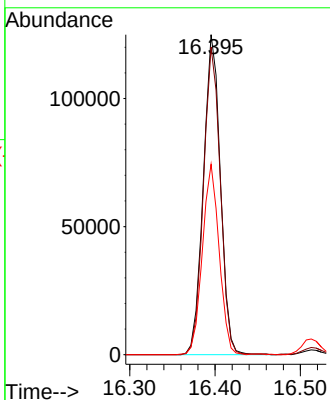
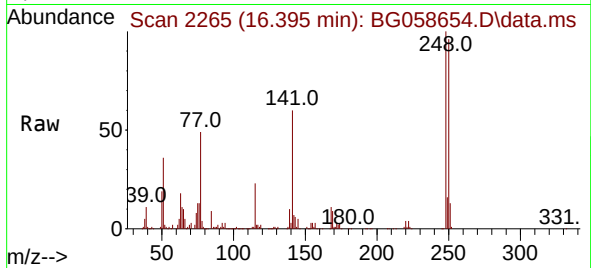




#67
4-Bromophenyl-phenylether
Concen: 43.828 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

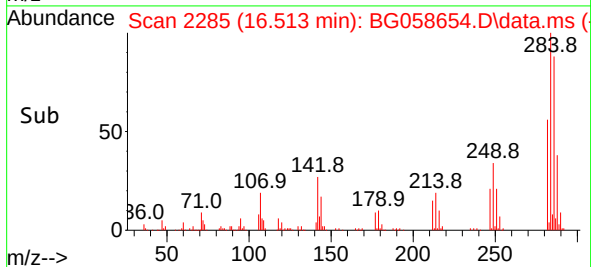
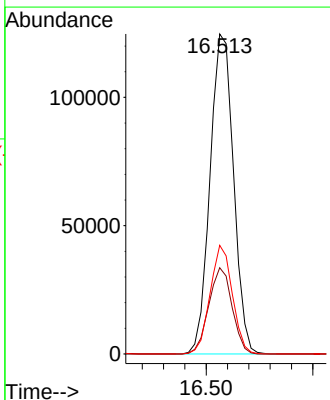
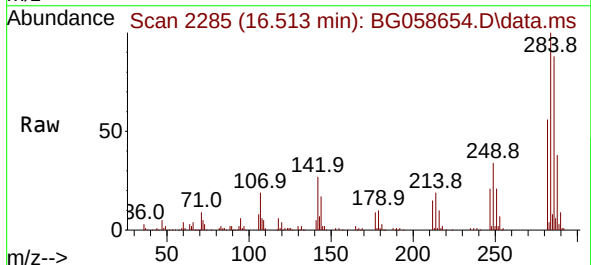
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

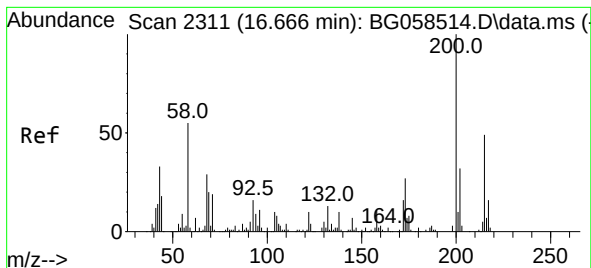
Tgt Ion:248 Resp: 172938
Ion Ratio Lower Upper
248 100
250 96.1 79.5 119.3
141 59.5 48.2 72.2



#68
Hexachlorobenzene
Concen: 45.548 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:284 Resp: 190448
Ion Ratio Lower Upper
284 100
142 26.9 21.0 31.4
249 34.0 25.5 38.3





#69

Atrazine

Concen: 53.453 ng

RT: 16.671 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

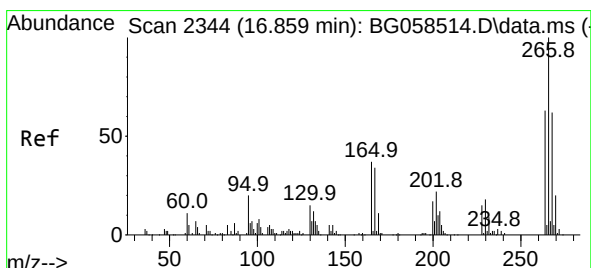
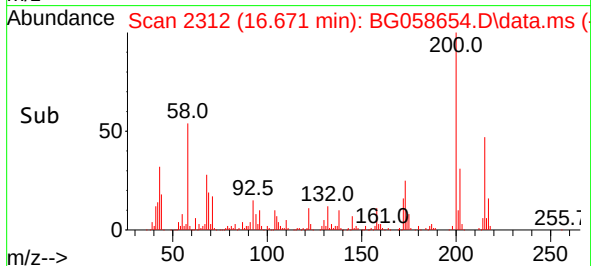
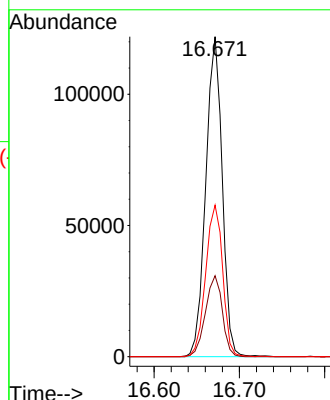
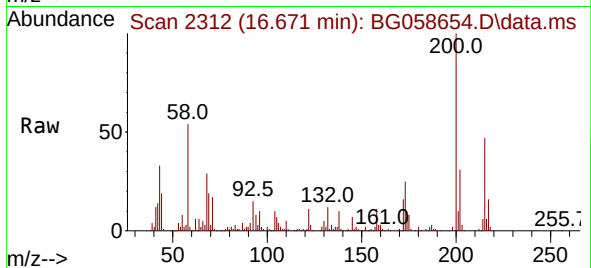
Tgt Ion:200 Resp: 163389

Ion Ratio Lower Upper

200 100

173 25.3 6.5 46.5

215 47.3 28.9 68.9



#70

Pentachlorophenol

Concen: 74.252 ng

RT: 16.865 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

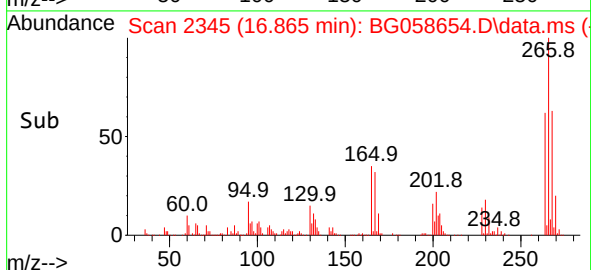
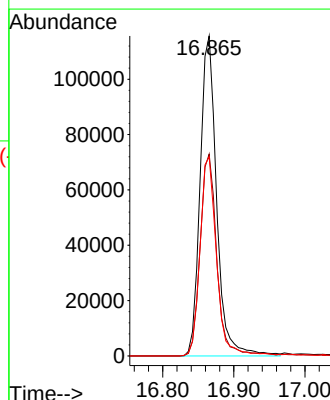
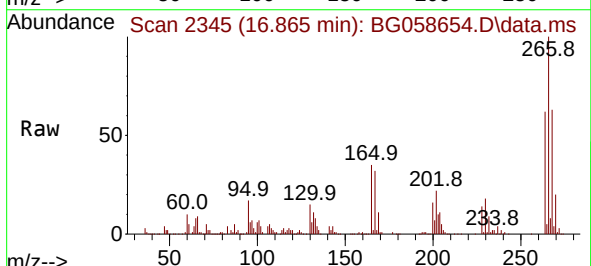
Tgt Ion:266 Resp: 187919

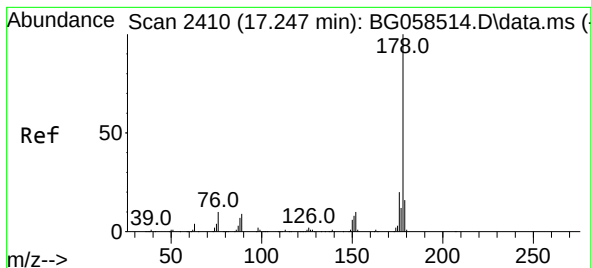
Ion Ratio Lower Upper

266 100

268 63.1 49.9 74.9

264 62.2 50.2 75.4





#71

Phenanthrene

Concen: 43.865 ng

RT: 17.253 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

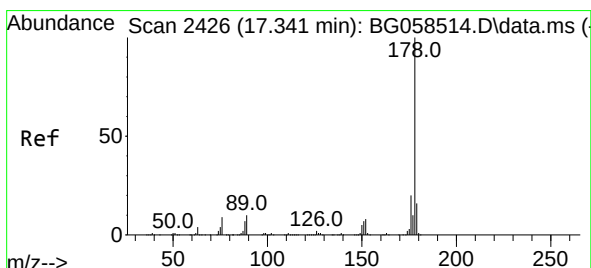
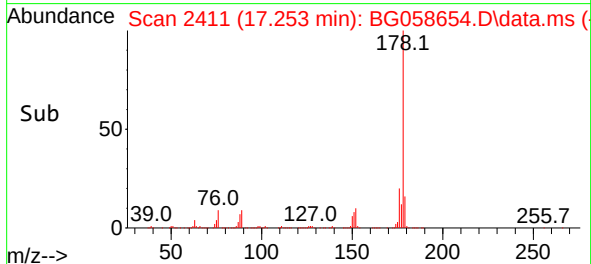
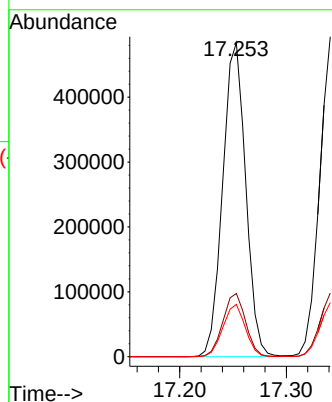
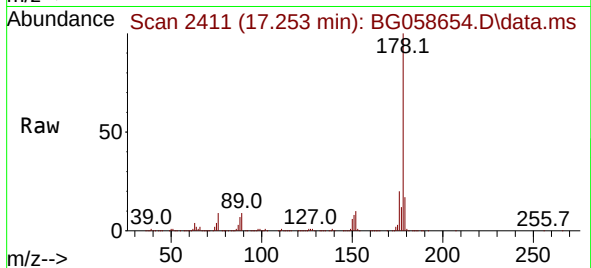
Tgt Ion:178 Resp: 723718

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

179 16.7 13.1 19.7



#72

Anthracene

Concen: 43.315 ng

RT: 17.341 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

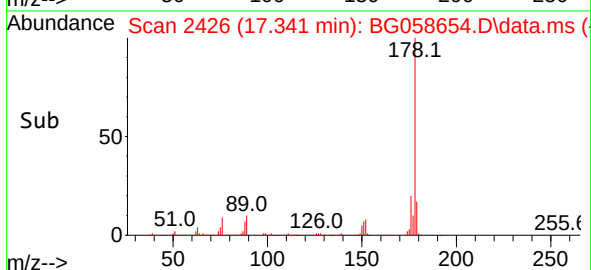
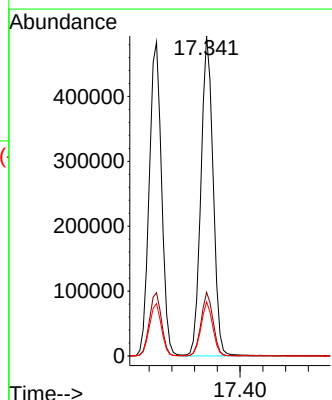
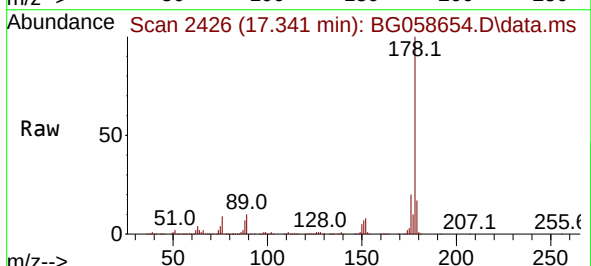
Tgt Ion:178 Resp: 733270

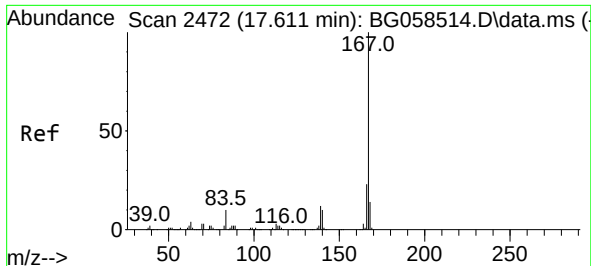
Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 16.9 12.9 19.3



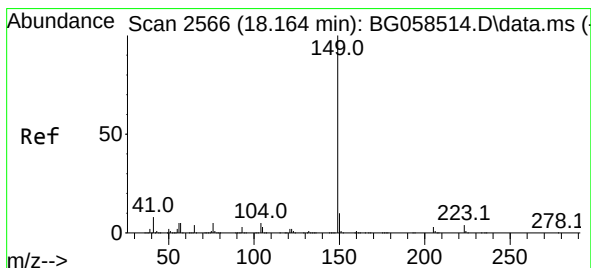
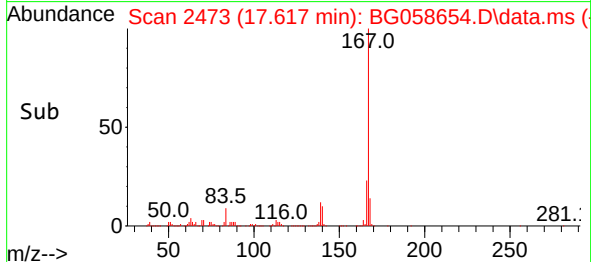
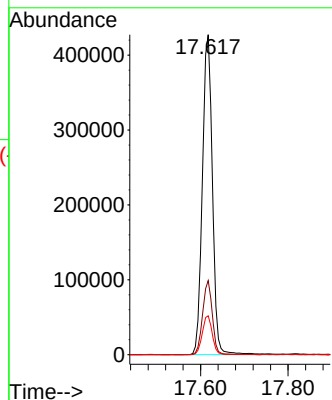
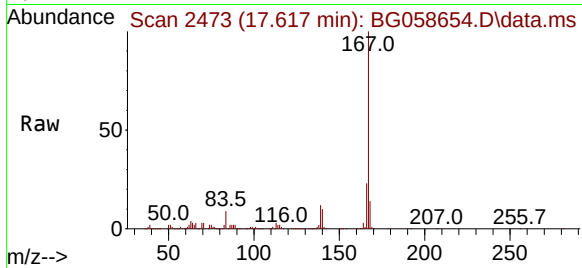


#73
 Carbazole
 Concen: 45.811 ng
 RT: 17.617 min Scan# 2473
 Delta R.T. 0.006 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:167 Resp: 683883

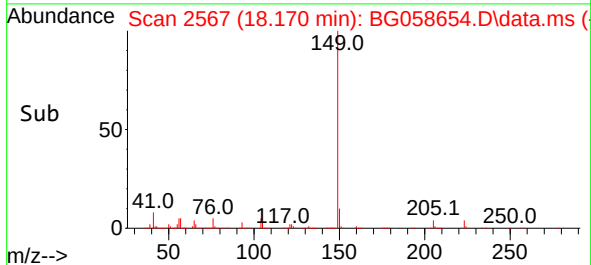
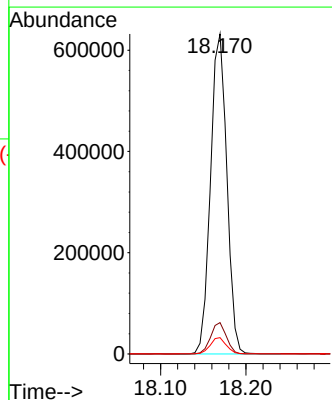
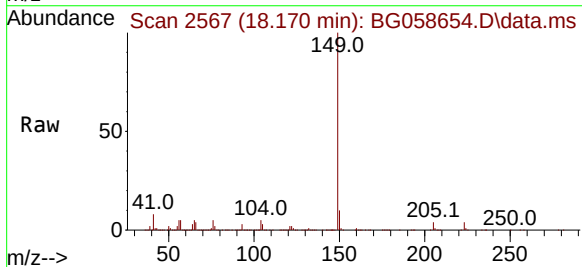
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	12.2	10.0	15.0

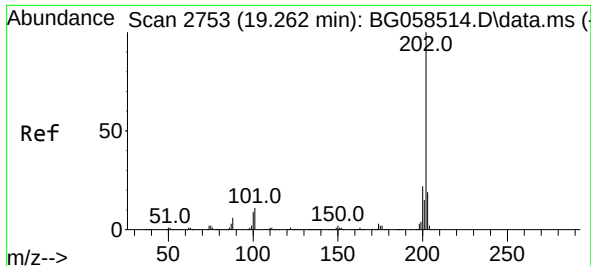


#74
 Di-n-butylphthalate
 Concen: 44.911 ng
 RT: 18.170 min Scan# 2567
 Delta R.T. 0.006 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Tgt Ion:149 Resp: 839763

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	4.0	6.0

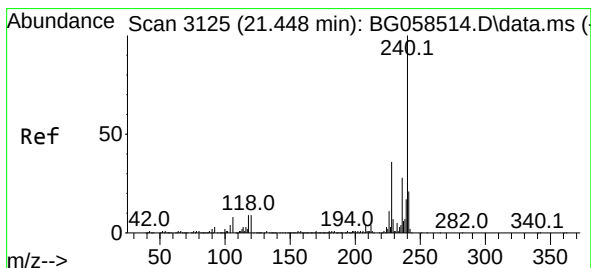
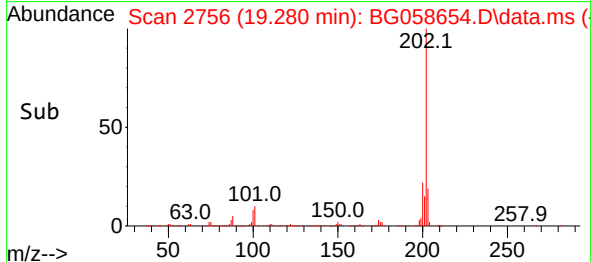
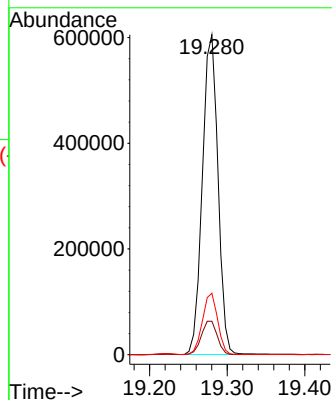
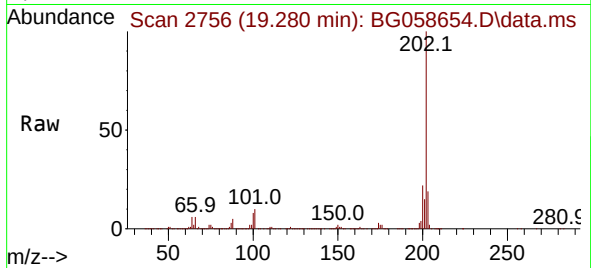




#75
Fluoranthene
Concen: 42.860 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.018 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

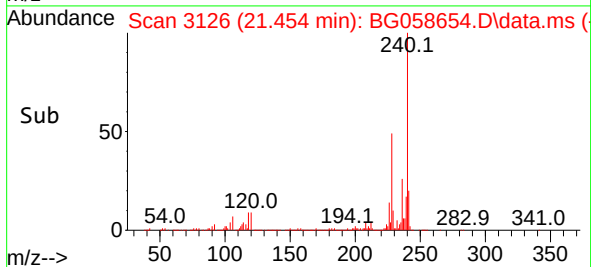
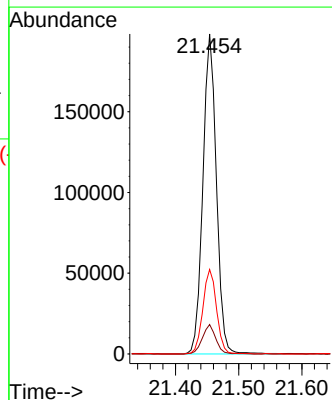
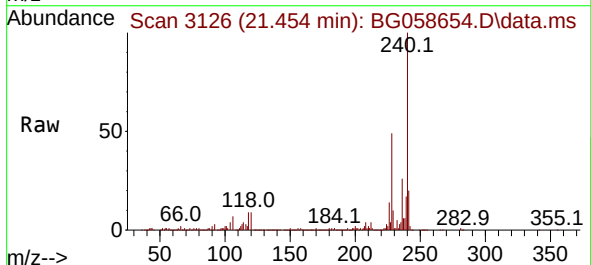
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

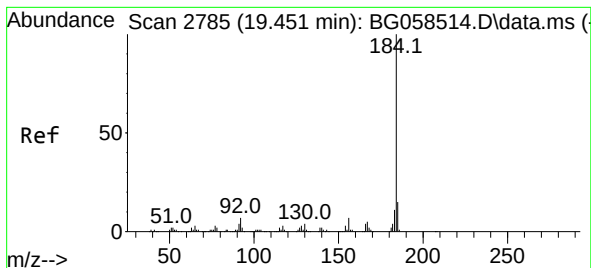
Tgt Ion:202 Resp: 849421
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 19.2 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:240 Resp: 293934
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.4 22.2 33.4





#77

Benzidine

Concen: 46.114 ng

RT: 19.456 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

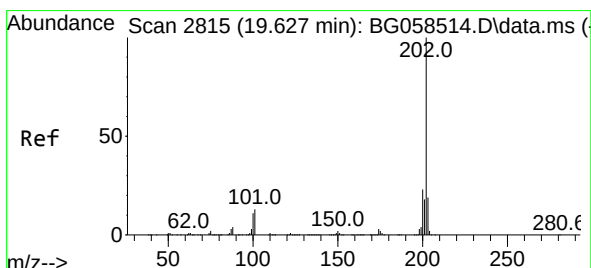
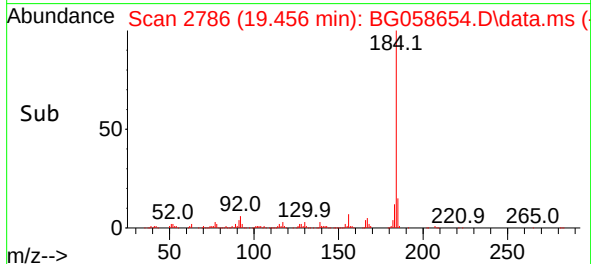
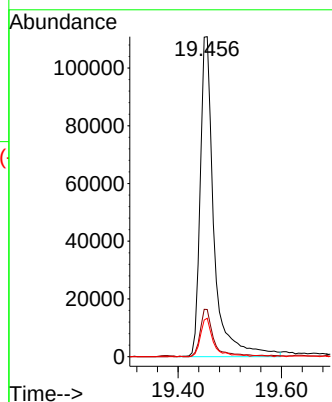
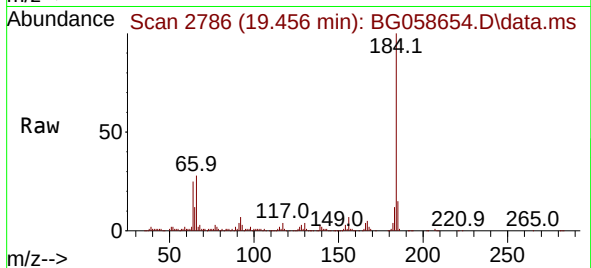
Tgt Ion:184 Resp: 205541

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

183 12.0 8.7 13.1



#78

Pyrene

Concen: 44.785 ng

RT: 19.633 min Scan# 2816

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

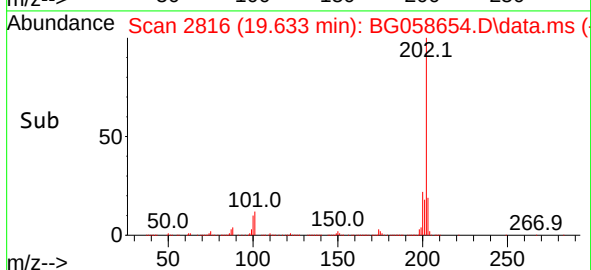
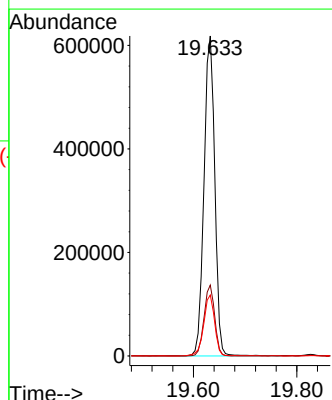
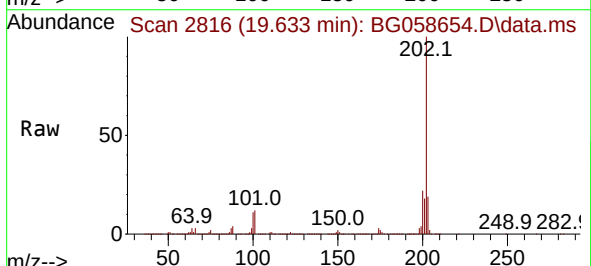
Tgt Ion:202 Resp: 895872

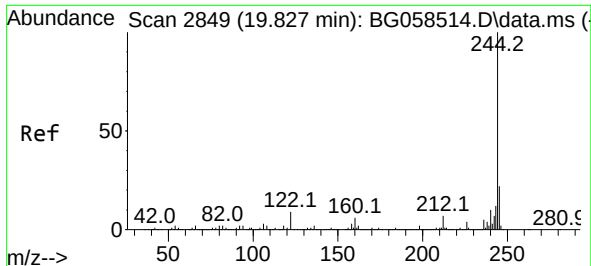
Ion Ratio Lower Upper

202 100

200 22.1 18.2 27.2

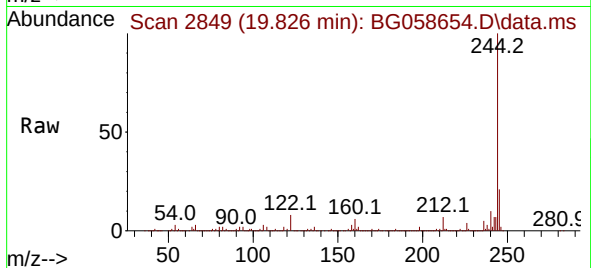
203 19.1 15.1 22.7





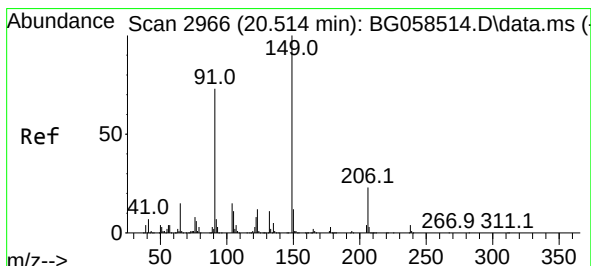
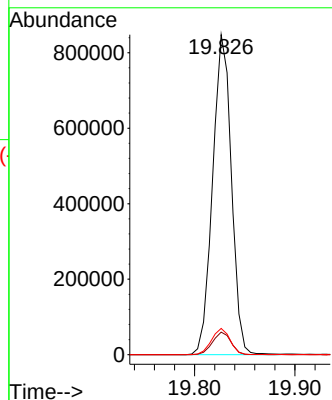
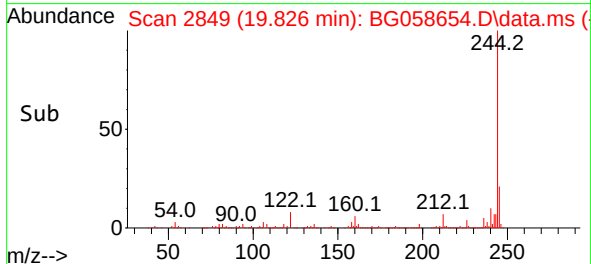
#79
 Terphenyl-d14
 Concen: 70.376 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

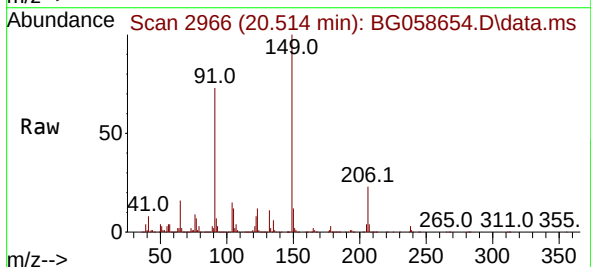


Tgt Ion:244 Resp: 1100005

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	8.2	6.8	10.2

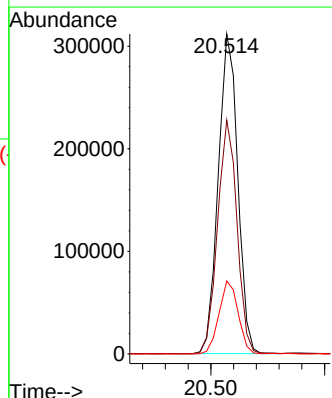
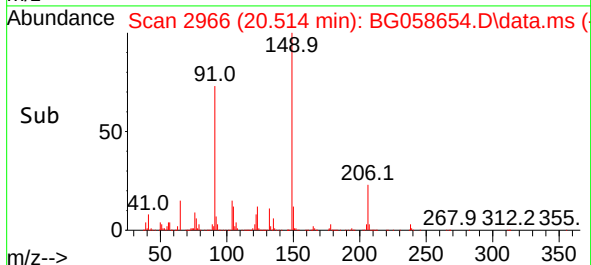


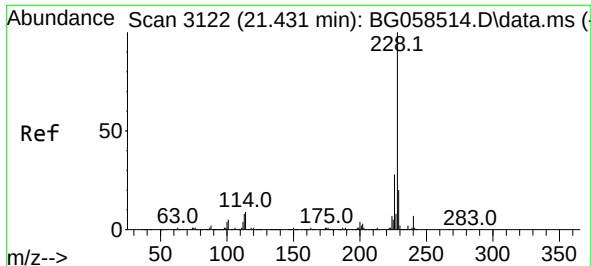
#80
 Butylbenzylphthalate
 Concen: 45.257 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35



Tgt Ion:149 Resp: 371866

Ion	Ratio	Lower	Upper
149	100		
91	73.1	58.4	87.6
206	22.8	18.3	27.5

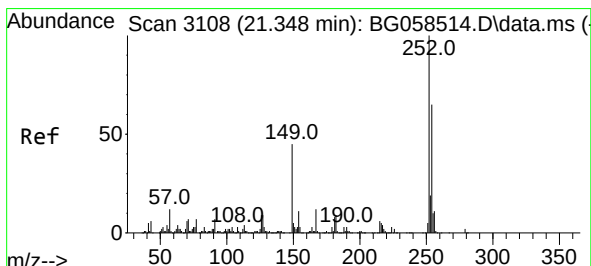
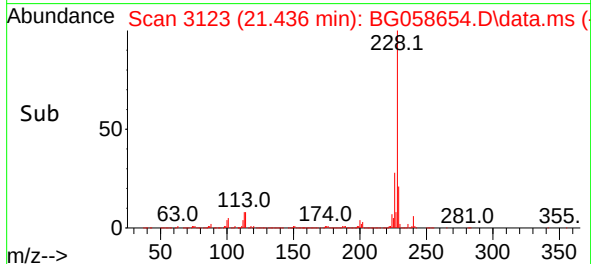
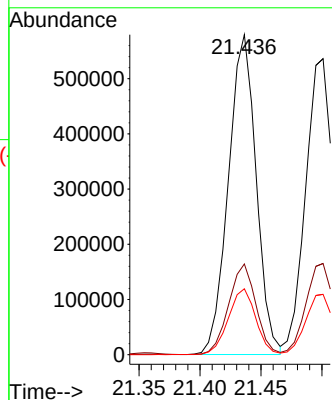
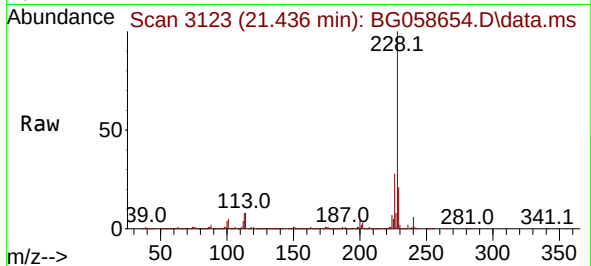




#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.436 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

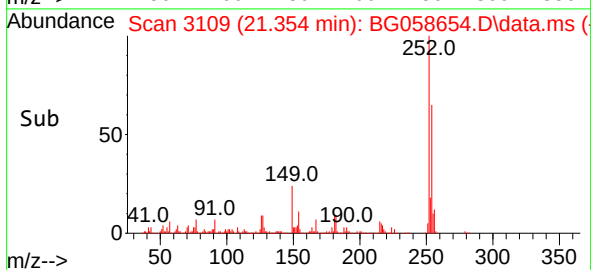
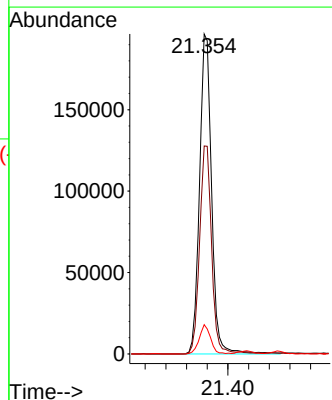
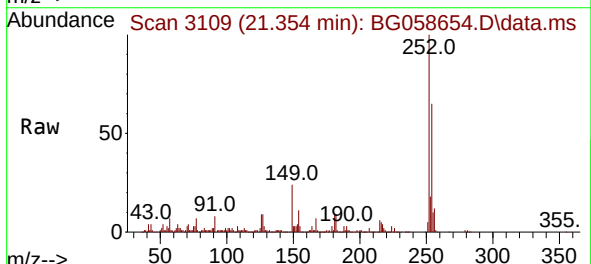
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

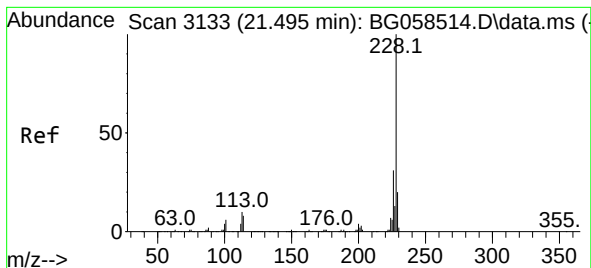
Tgt Ion:228 Resp: 920329
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 46.486 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:252 Resp: 317932
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.4
126 9.2 7.2 10.8





#83

Chrysene

Concen: 44.006 ng

RT: 21.501 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

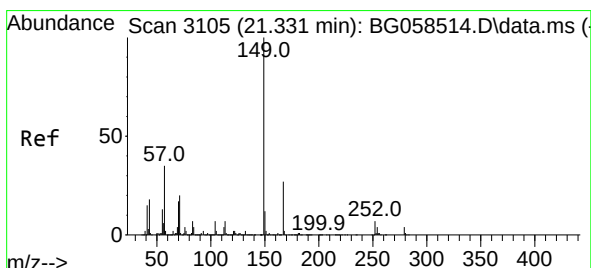
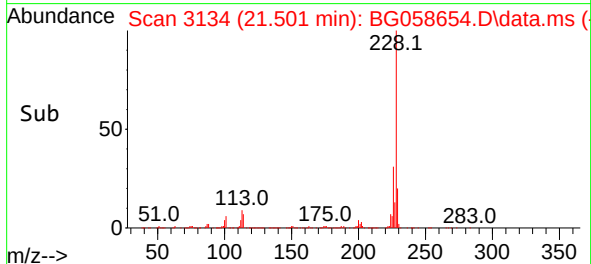
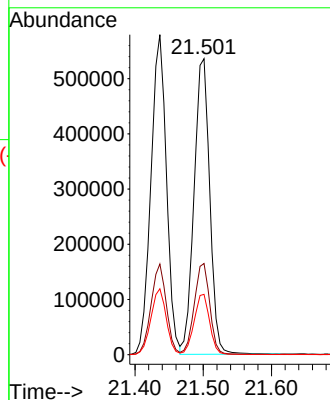
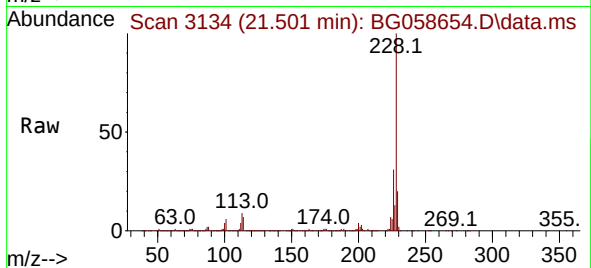
Tgt Ion:228 Resp: 853485

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.721 ng

RT: 21.336 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

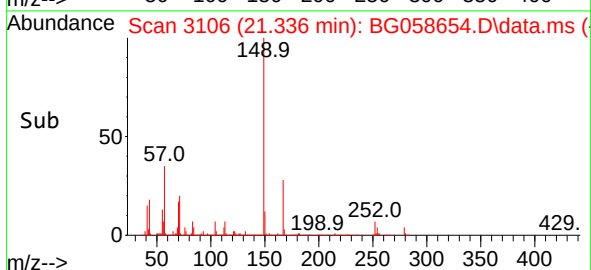
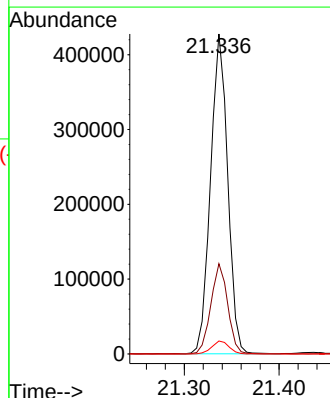
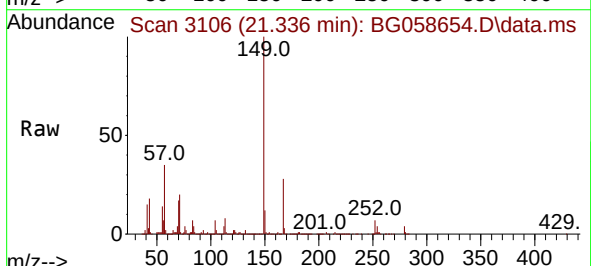
Tgt Ion:149 Resp: 536989

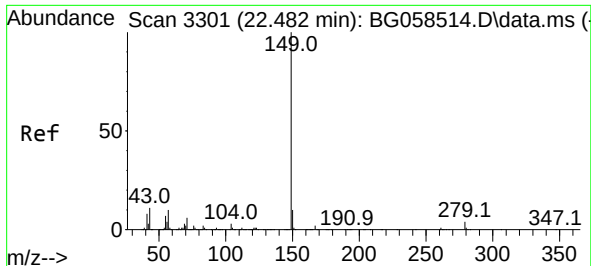
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.0 2.9 4.3

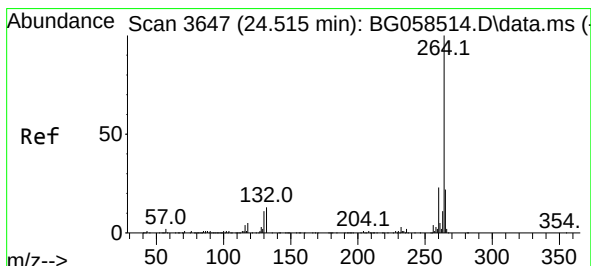
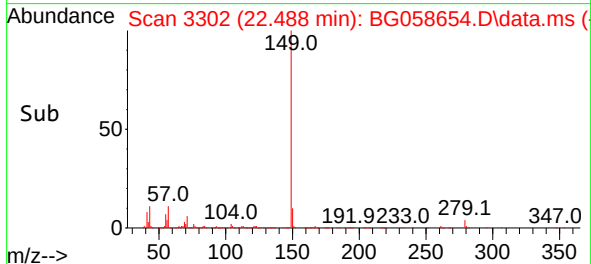
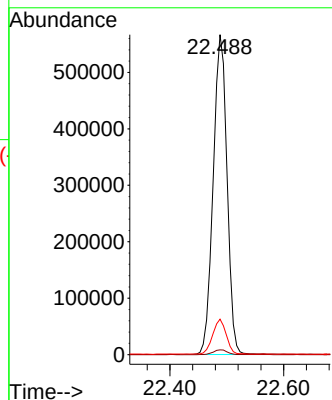
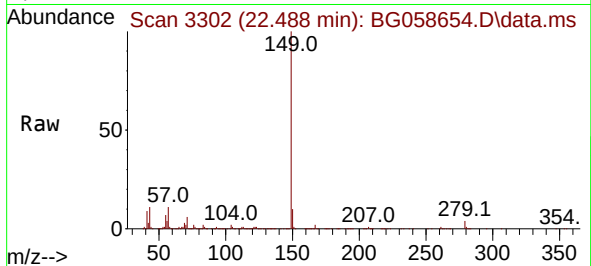




#85
Di-n-octyl phthalate
Concen: 45.239 ng
RT: 22.488 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

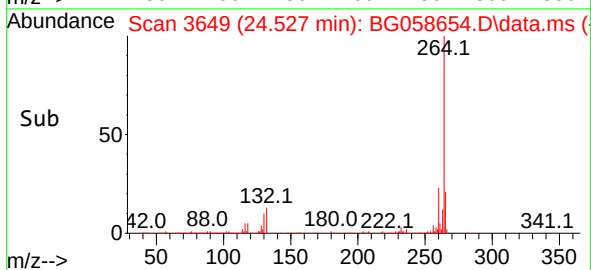
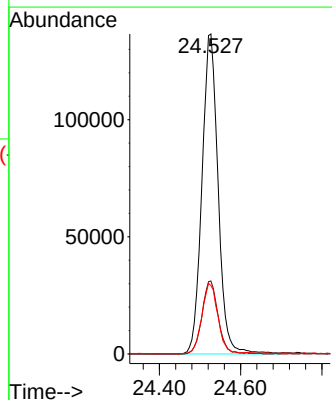
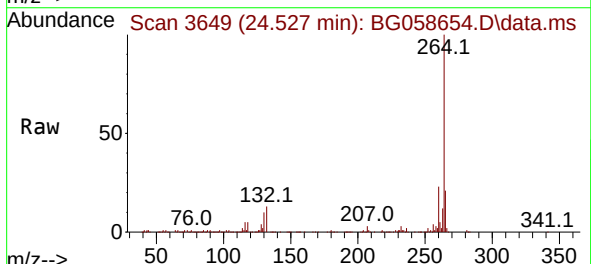
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

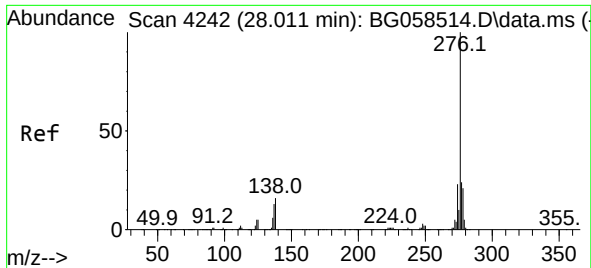
Tgt Ion:149 Resp: 955011
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.527 min Scan# 3649
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:264 Resp: 376908
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.4 17.9 26.9

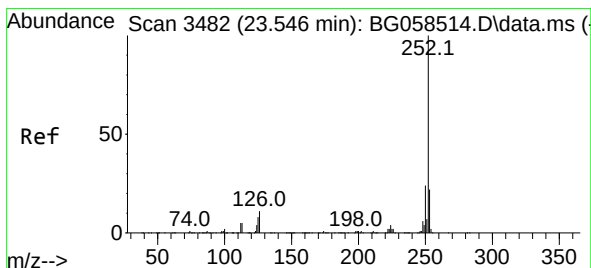
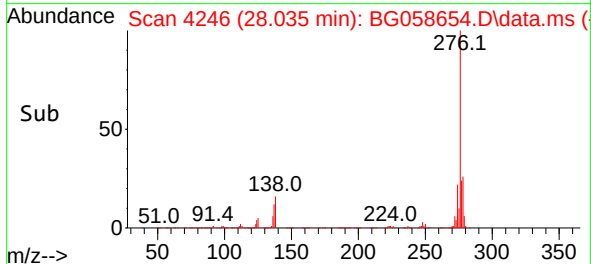
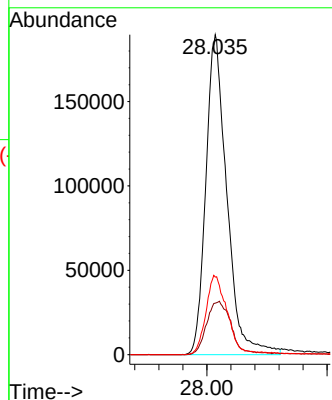
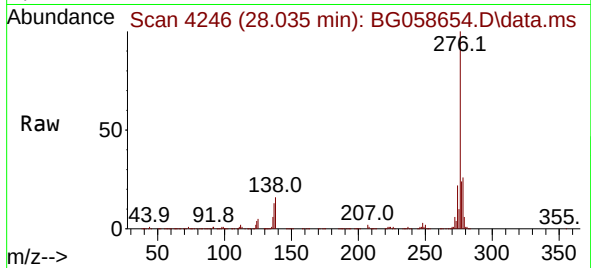




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.841 ng
 RT: 28.035 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

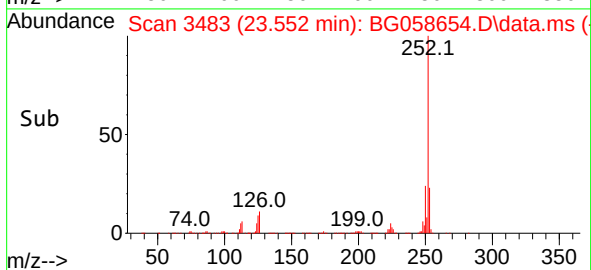
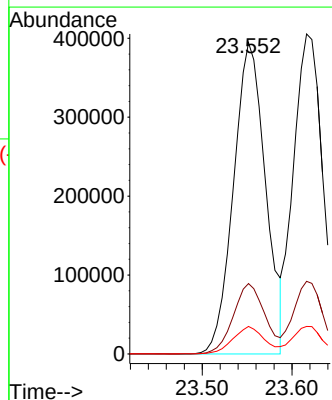
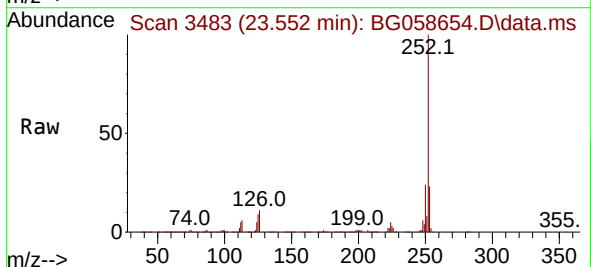
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

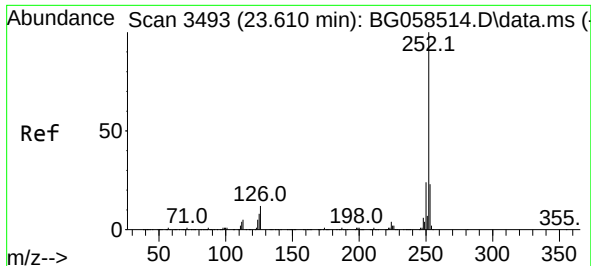
Tgt Ion:276 Resp: 1149428
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0#
 277 25.0 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 47.850 ng
 RT: 23.552 min Scan# 3483
 Delta R.T. 0.006 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Tgt Ion:252 Resp: 978188
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 8.8 6.6 9.8

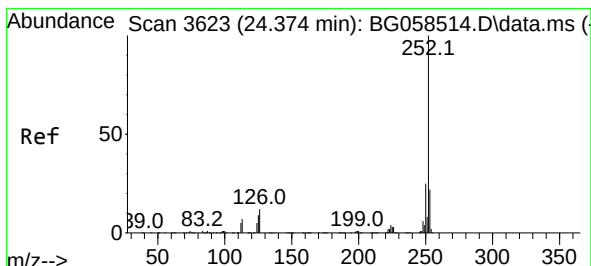
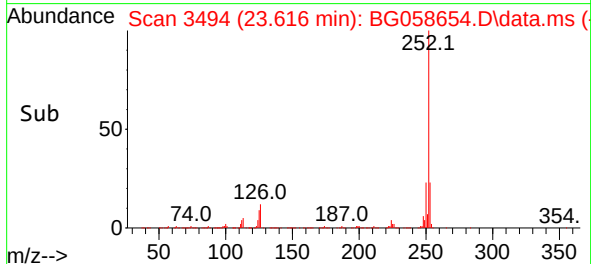
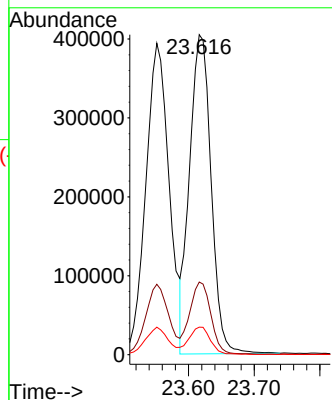
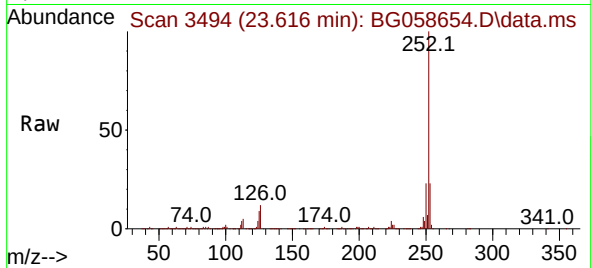




#89
Benzo(k)fluoranthene
Concen: 44.922 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

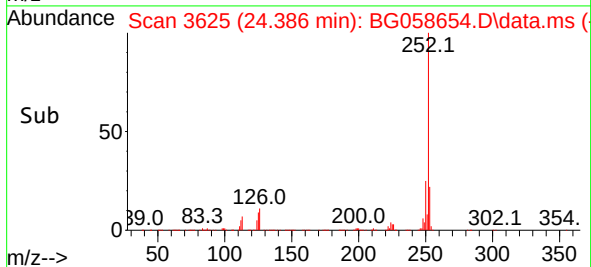
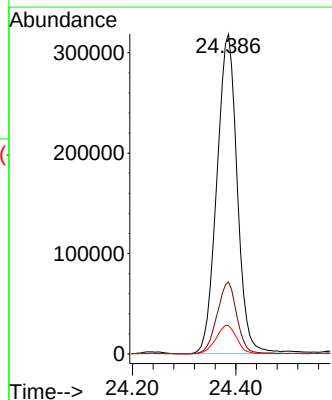
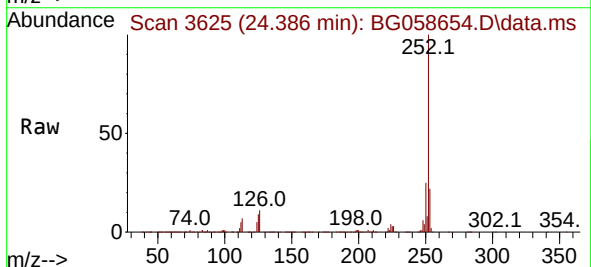
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

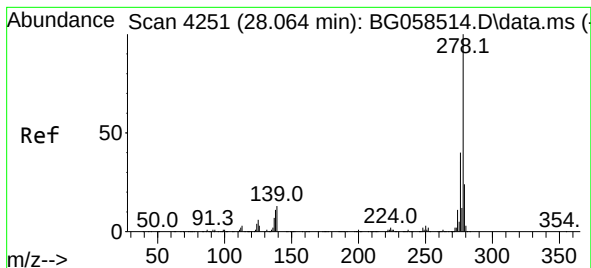
Tgt Ion:252 Resp: 922547
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.6 6.6 10.0



#90
Benzo(a)pyrene
Concen: 43.252 ng
RT: 24.386 min Scan# 3625
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:252 Resp: 868318
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.828 ng

RT: 28.087 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

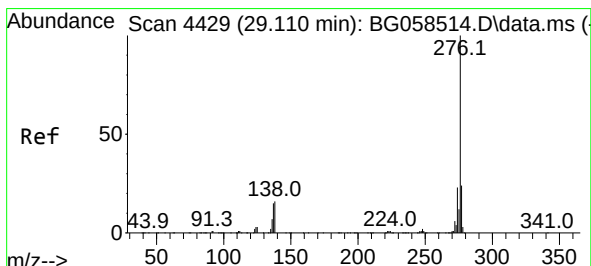
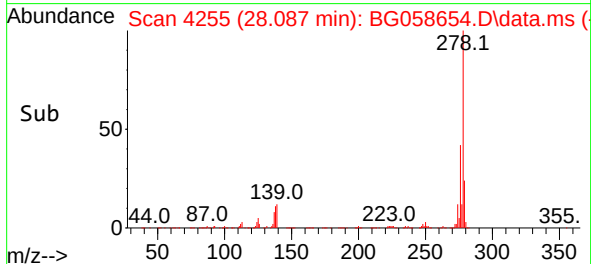
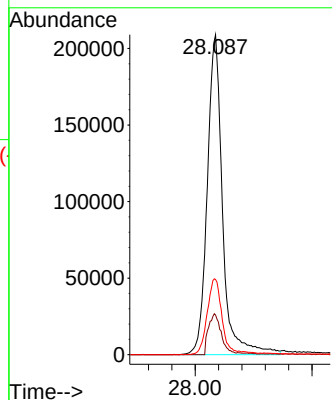
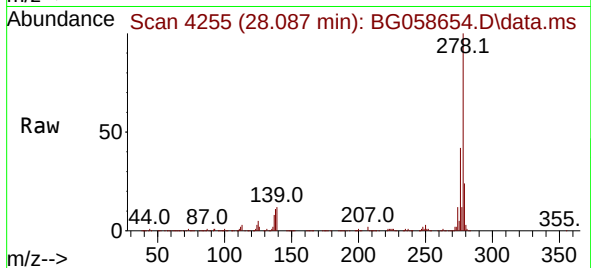
Tgt Ion:278 Resp: 950157

Ion Ratio Lower Upper

278 100

139 12.4 10.4 15.6

279 23.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.612 ng

RT: 29.127 min Scan# 4432

Delta R.T. 0.018 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Tgt Ion:276 Resp: 906711

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 16.8 13.0 19.4

