

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058700.D
 Acq On : 11 Aug 2023 12:28
 Operator : MA/JU
 Sample : PB154732BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154732BSD

Quant Time: Aug 11 13:01:53 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	41997	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	182925	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	131172	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	323589	20.000	ng	0.00
76) Chrysene-d12	21.448	240	284706	20.000	ng	0.00
86) Perylene-d12	24.521	264	361079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	371314	135.138	ng	0.00
7) Phenol-d6	6.983	99	507097	132.632	ng	0.00
23) Nitrobenzene-d5	8.975	82	302347	81.197	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	261980	121.851	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	689482	78.771	ng	0.00
79) Terphenyl-d14	19.827	244	1319895	87.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	47663	35.798	ng	98
3) Pyridine	3.657	79	119362	32.882	ng	96
4) n-Nitrosodimethylamine	3.581	42	70473	45.820	ng	97
6) Aniline	7.136	93	178489	37.918	ng	99
8) 2-Chlorophenol	7.377	128	145345	53.921	ng	99
9) Benzaldehyde	6.948	77	80022	38.524	ng	98
10) Phenol	7.012	94	201261	53.888	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	140994	47.886	ng	96
12) 1,3-Dichlorobenzene	7.700	146	135719	47.152	ng	98
13) 1,4-Dichlorobenzene	7.847	146	139077	48.122	ng	98
14) 1,2-Dichlorobenzene	8.164	146	136638	49.450	ng	99
15) Benzyl Alcohol	8.052	79	140954	58.133	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	236401	49.427	ng	97
17) 2-Methylphenol	8.264	107	137751	50.443	ng	98
18) Hexachloroethane	8.887	117	51020	48.569	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	116929	47.347	ng	99
20) 3+4-Methylphenols	8.587	107	188449	51.017	ng	97
22) Acetophenone	8.634	105	228802	46.713	ng	98
24) Nitrobenzene	9.016	77	172839	45.657	ng	96
25) Isophorone	9.539	82	346299	45.011	ng	100
26) 2-Nitrophenol	9.727	139	78119	47.407	ng	99
27) 2,4-Dimethylphenol	9.791	122	131006	47.929	ng	99
28) bis(2-Chloroethoxy)met...	10.021	93	195213	46.624	ng	98
29) 2,4-Dichlorophenol	10.267	162	141080	49.711	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	151377	46.251	ng	97
31) Naphthalene	10.661	128	431224	44.727	ng	99
32) Benzoic acid	9.962	122	75841	37.453	ng	94
33) 4-Chloroaniline	10.778	127	117038	28.732	ng	97
34) Hexachlorobutadiene	10.943	225	95659	45.384	ng	99
35) Caprolactam	11.560	113	52260m	49.866	ng	
36) 4-Chloro-3-methylphenol	11.912	107	174446	49.690	ng	97
37) 2-Methylnaphthalene	12.277	142	301267	43.684	ng	98
38) 1-Methylnaphthalene	12.500	142	290928	44.378	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	177649	44.113	ng	99
41) Hexachlorocyclopentadiene	12.623	237	152351	81.327	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	129991	46.930	ng	97

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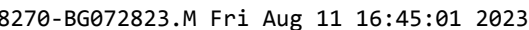
Instrument :
 BNA_G
 ClientSampleId :
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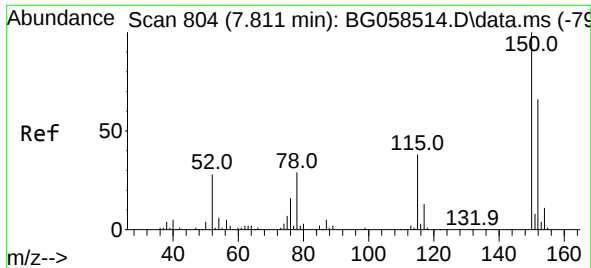
Quant Time: Aug 11 13:01:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	144484	44.286	ng	98
46) 1,1'-Biphenyl	13.293	154	406706	45.148	ng	99
47) 2-Chloronaphthalene	13.334	162	322620	45.933	ng	99
48) 2-Nitroaniline	13.546	65	129721	48.387	ng	99
49) Acenaphthylene	14.180	152	542014	46.092	ng	100
50) Dimethylphthalate	13.922	163	451922	45.874	ng	100
51) 2,6-Dinitrotoluene	14.045	165	102436	47.390	ng	98
52) Acenaphthene	14.527	154	305640	44.981	ng	99
53) 3-Nitroaniline	14.374	138	73061	33.783	ng	97
54) 2,4-Dinitrophenol	14.592	184	115593	93.473	ng	97
55) Dibenzofuran	14.862	168	521473	44.663	ng	98
56) 4-Nitrophenol	14.697	139	156728	97.063	ng	98
57) 2,4-Dinitrotoluene	14.838	165	146819	48.993	ng	98
58) Fluorene	15.508	166	423905	45.703	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	133881	48.090	ng	98
60) Diethylphthalate	15.279	149	462768	46.110	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	232030	44.871	ng	98
62) 4-Nitroaniline	15.543	138	103169	50.359	ng	98
63) Azobenzene	15.796	77	452056	45.731	ng	100
65) 4,6-Dinitro-2-methylph...	15.602	198	89471	50.145	ng	97
66) n-Nitrosodiphenylamine	15.720	169	386442	45.884	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	164494	44.819	ng	98
68) Hexachlorobenzene	16.513	284	187021	48.088	ng	99
69) Atrazine	16.666	200	158606	55.786	ng	100
70) Pentachlorophenol	16.860	266	181875	77.262	ng	97
71) Phenanthrene	17.247	178	707009	46.071	ng	99
72) Anthracene	17.341	178	714210	45.358	ng	99
73) Carbazole	17.612	167	670658	48.299	ng	100
74) Di-n-butylphthalate	18.164	149	823785	47.365	ng	99
75) Fluoranthene	19.263	202	867203	47.044	ng	100
77) Benzidine	19.451	184	293294	67.935	ng	98
78) Pyrene	19.627	202	897482	46.320	ng	100
80) Butylbenzylphthalate	20.514	149	370792	46.589	ng	96
81) Benzo(a)anthracene	21.431	228	922687	47.092	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	274584	41.449	ng	98
83) Chrysene	21.495	228	849568	45.224	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	529045	45.488	ng	100
85) Di-n-octyl phthalate	22.482	149	957916	46.847	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1166772	48.572	ng	99
88) Benzo(b)fluoranthene	23.552	252	973306	49.699	ng	100
89) Benzo(k)fluoranthene	23.616	252	926632	47.099	ng	99
90) Benzo(a)pyrene	24.380	252	869062	45.186	ng	99
91) Dibenzo(a,h)anthracene	28.082	278	970074	48.840	ng	98
92) Benzo(g,h,i)perylene	29.128	276	933720	46.880	ng	100

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

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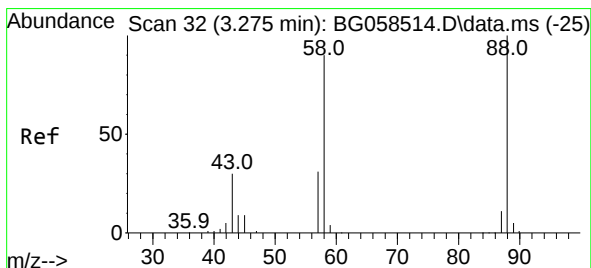
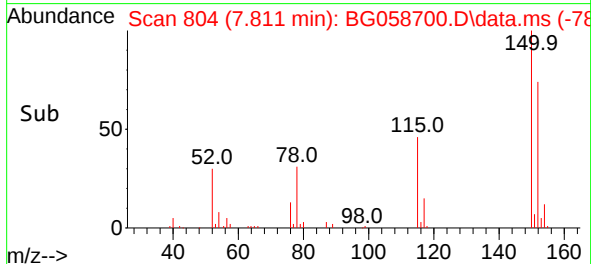
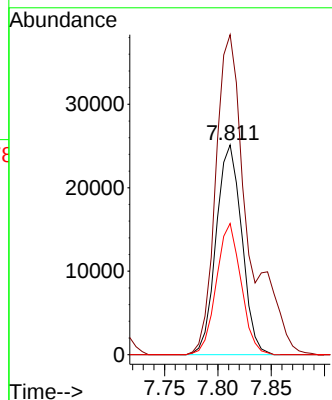
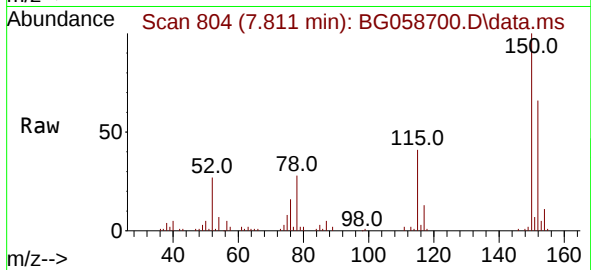




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

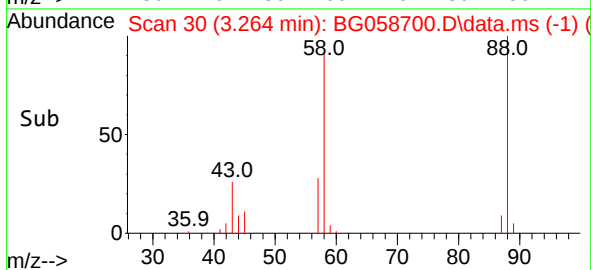
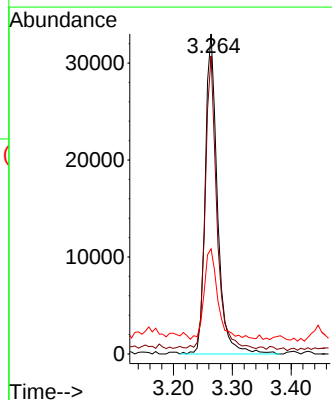
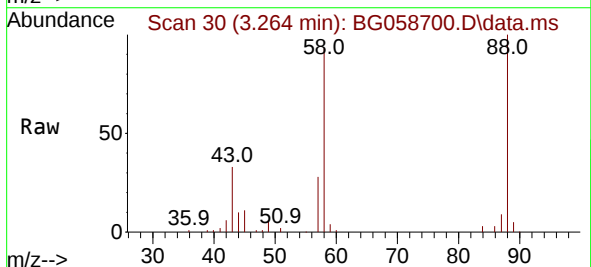
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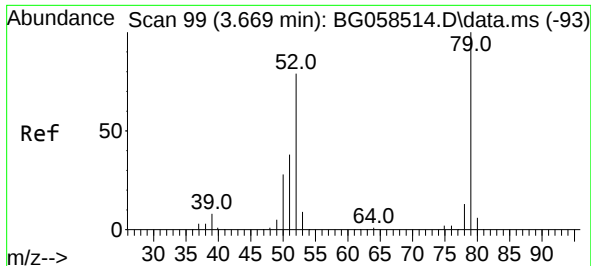
Tgt Ion:152 Resp: 41997
Ion Ratio Lower Upper
152 100
150 152.6 120.5 180.7
115 62.6 45.9 68.9



#2
1,4-Dioxane
Concen: 35.798 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion: 88 Resp: 47663
Ion Ratio Lower Upper
88 100
58 85.4 68.9 103.3
43 31.4 22.9 34.3

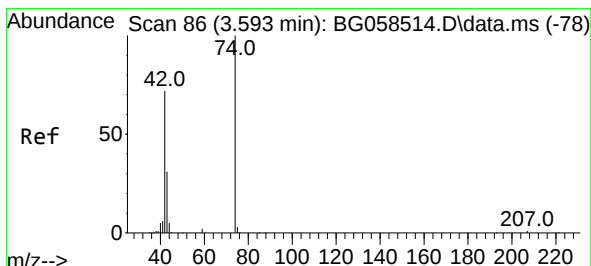
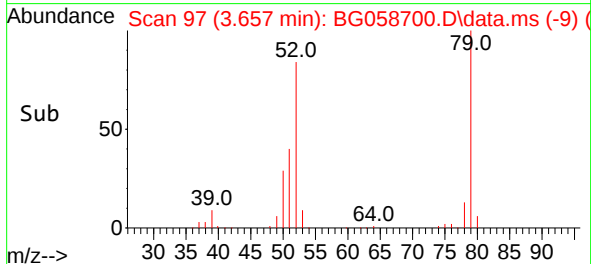
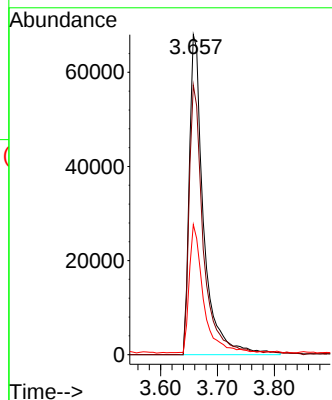
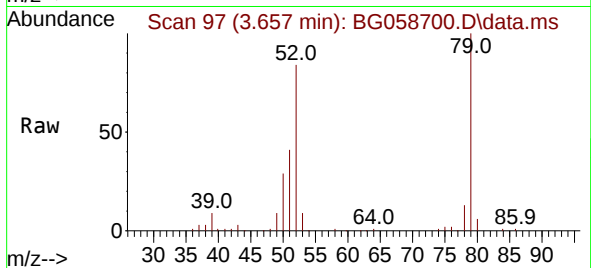




#3
Pyridine
Concen: 32.882 ng
RT: 3.657 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

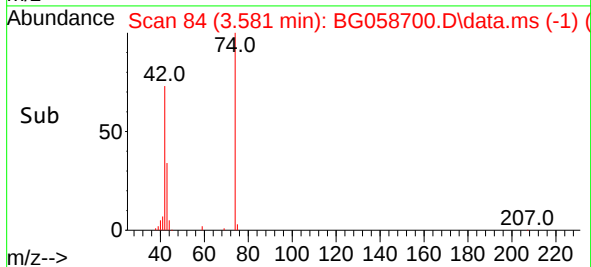
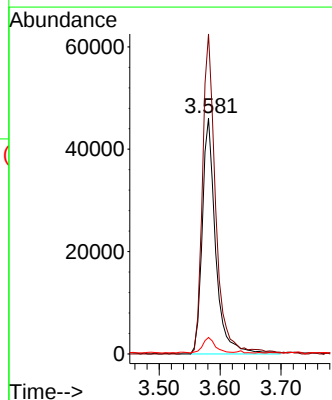
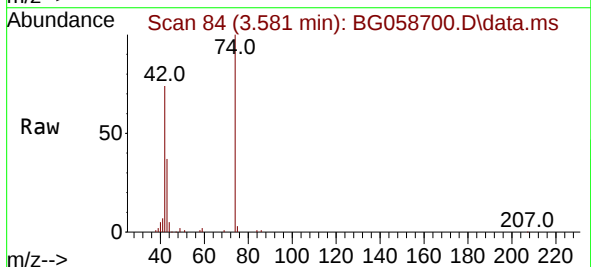
Instrument :
BNA_G
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Tgt Ion: 79 Resp: 119362
Ion Ratio Lower Upper
79 100
52 84.3 63.2 94.8
51 40.6 31.9 47.9



#4
n-Nitrosodimethylamine
Concen: 45.820 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion: 42 Resp: 70473
Ion Ratio Lower Upper
42 100
74 135.7 111.5 167.3
44 7.0 5.4 8.2

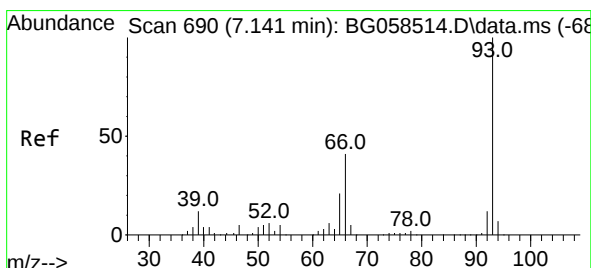
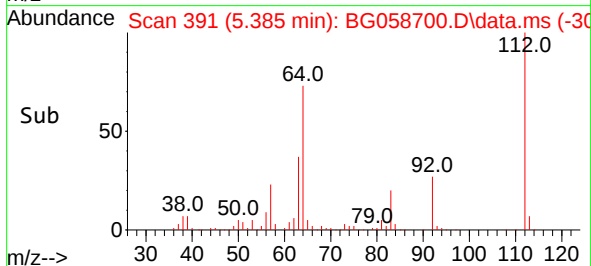
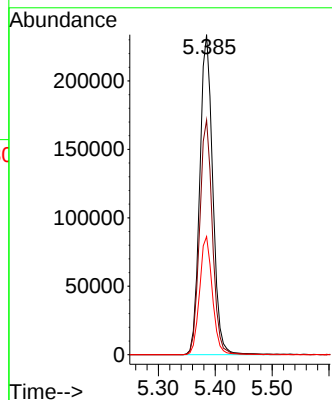
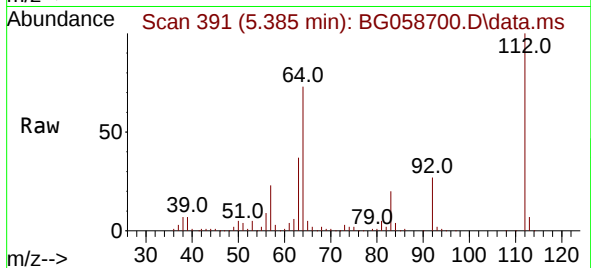




#5
2-Fluorophenol
Concen: 135.138 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

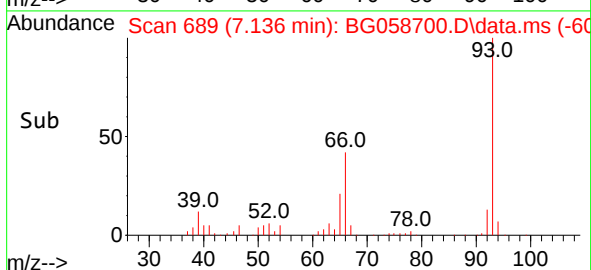
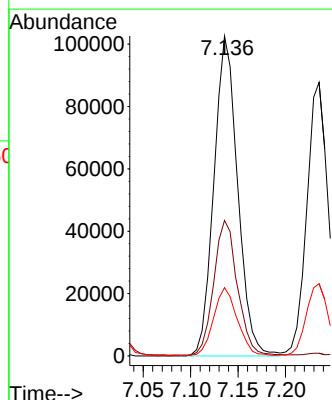
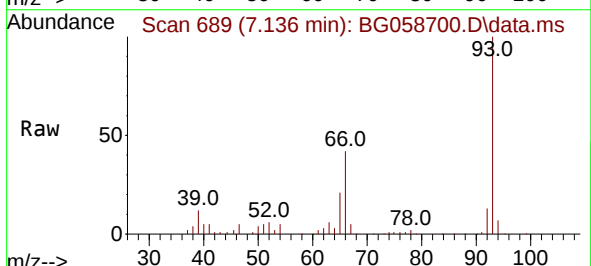
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

Tgt Ion:112 Resp: 371314
Ion Ratio Lower Upper
112 100
64 73.3 55.3 82.9
63 36.9 28.3 42.5



#6
Aniline
Concen: 37.918 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion: 93 Resp: 178489
Ion Ratio Lower Upper
93 100
66 42.3 33.1 49.7
65 21.4 17.0 25.4

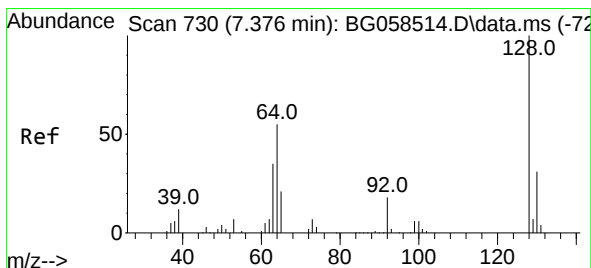
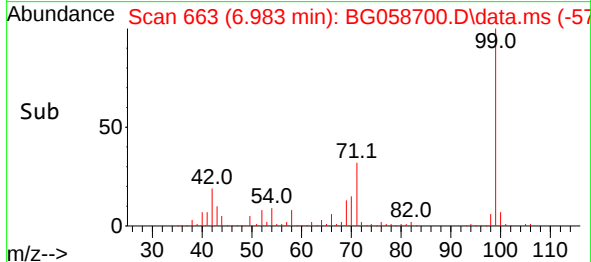
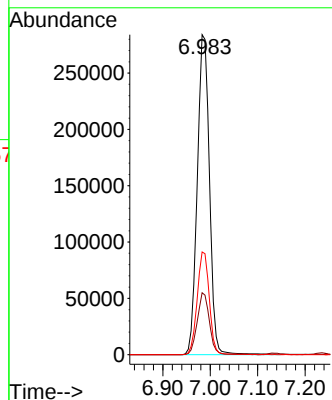
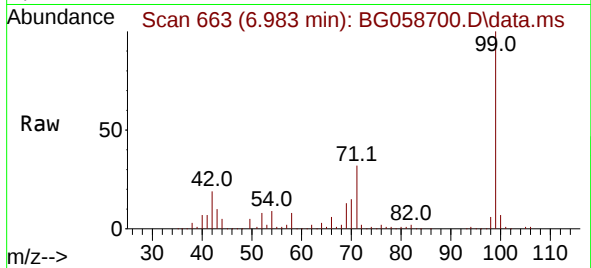




#7
Phenol-d6
Concen: 132.632 ng
RT: 6.983 min Scan# 609
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

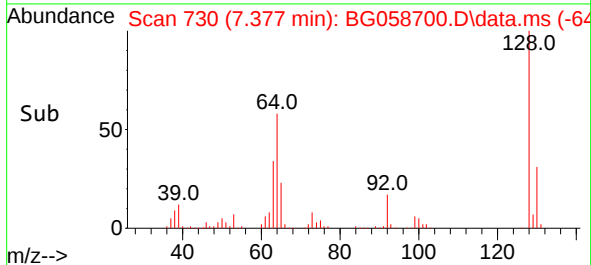
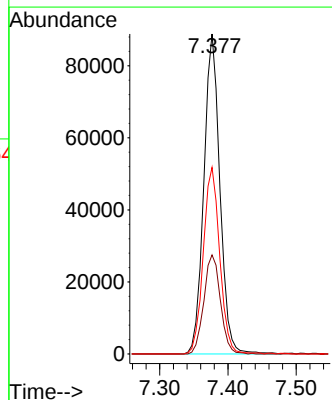
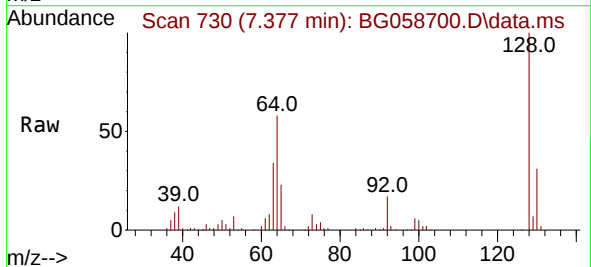
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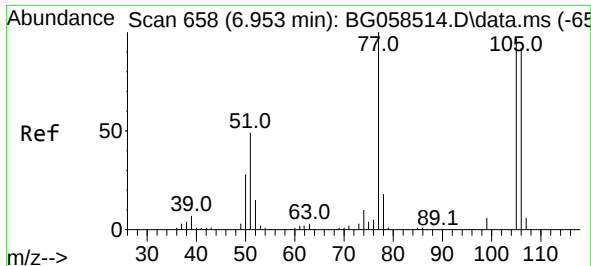
Tgt Ion: 99 Resp: 507097
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 32.1 25.0 37.4



#8
2-Chlorophenol
Concen: 53.921 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion: 128 Resp: 145345
Ion Ratio Lower Upper
128 100
130 31.0 10.9 50.9
64 58.3 39.0 79.0

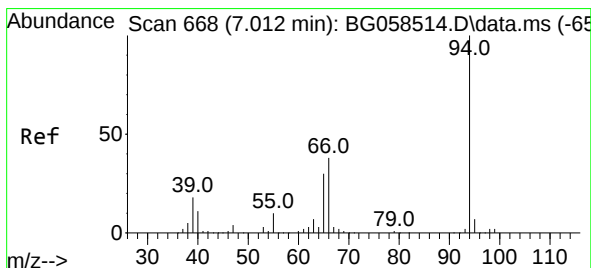
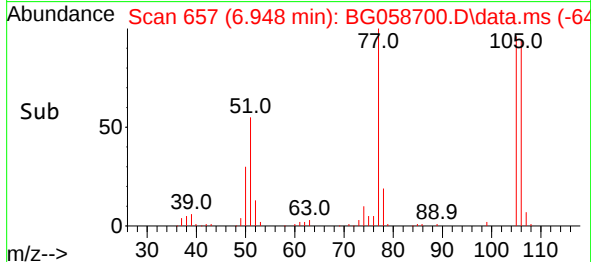
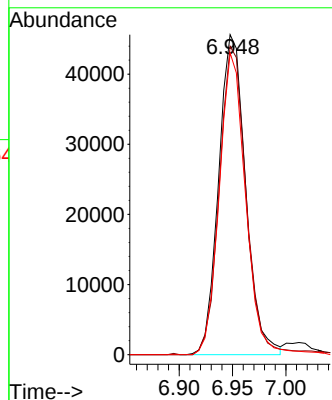
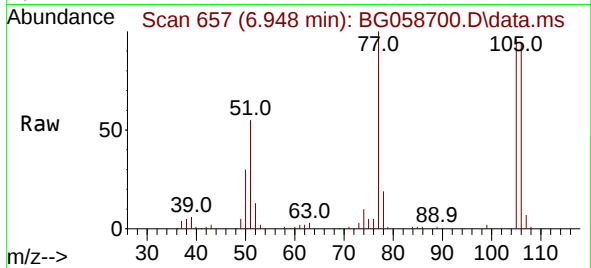




#9
Benzaldehyde
Concen: 38.524 ng
RT: 6.948 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

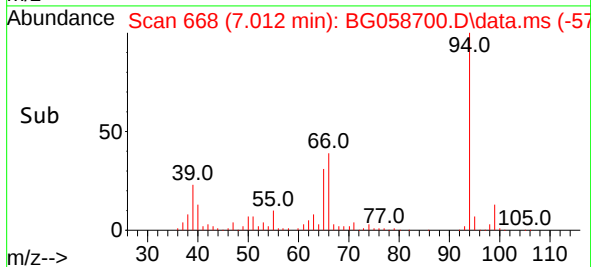
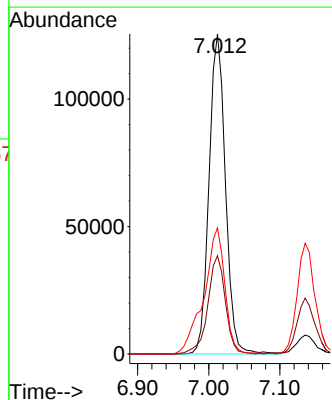
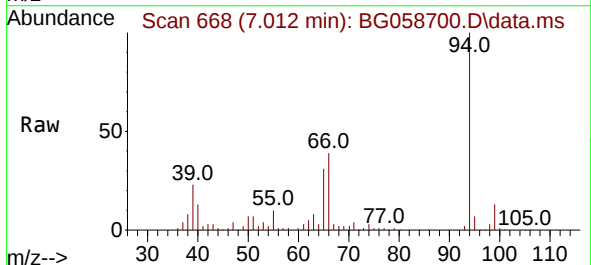
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ClientSampleId :
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Tgt Ion: 77	Resp: 80022		
Ion Ratio	Lower	Upper	
77 100			
105 96.4	77.1	117.1	
106 94.3	71.6	111.6	



#10
Phenol
Concen: 53.888 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058700.D
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Tgt Ion: 94	Resp: 201261
Ion Ratio	Lower Upper
94 100	
65 30.7	10.4 50.4
66 39.4	18.7 58.7

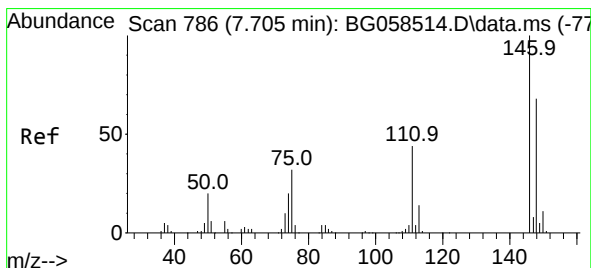
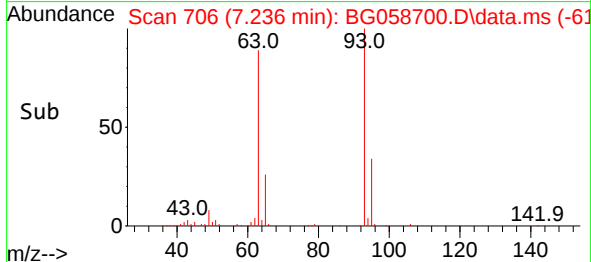
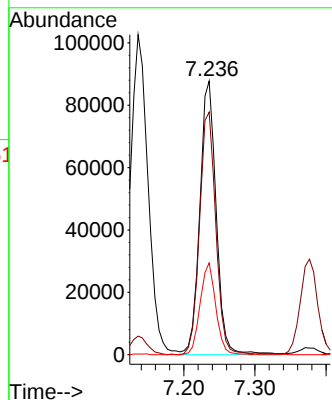
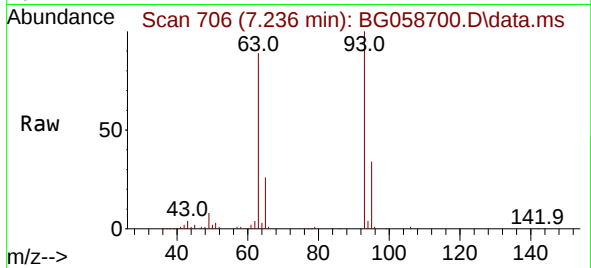




#11
bis(2-Chloroethyl)ether
Concen: 47.886 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

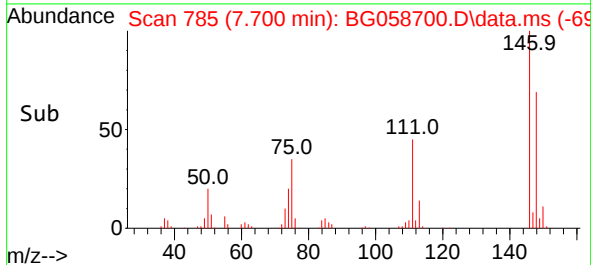
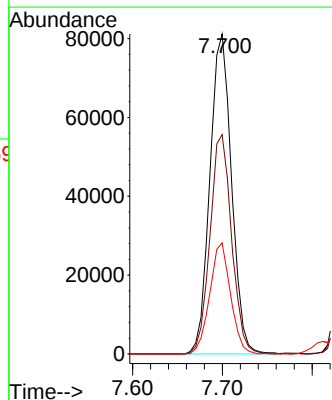
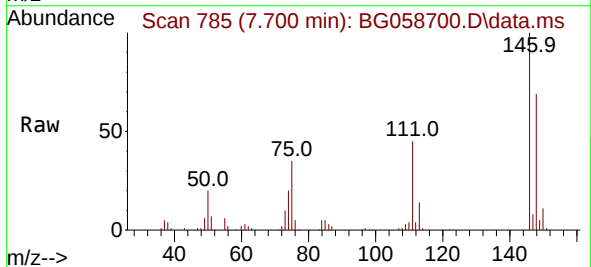
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

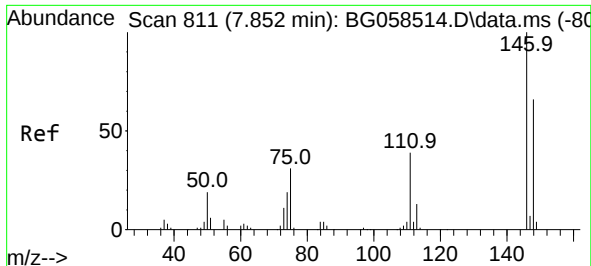
Tgt Ion: 93 Resp: 140994
Ion Ratio Lower Upper
93 100
63 88.7 65.5 105.5
95 33.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 47.152 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:146 Resp: 135719
Ion Ratio Lower Upper
146 100
148 68.6 54.7 82.1
75 34.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.122 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

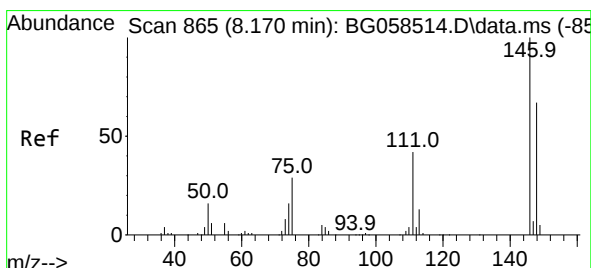
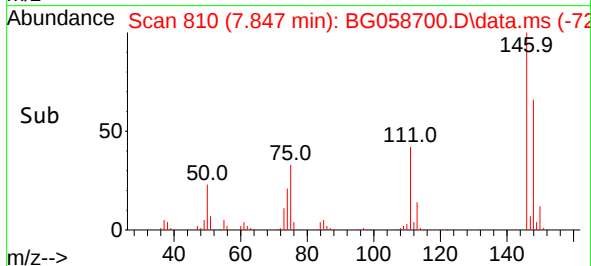
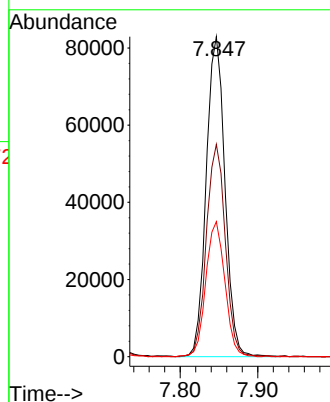
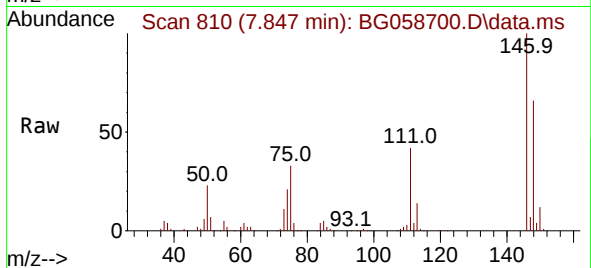
Tgt Ion:146 Resp: 139077

Ion Ratio Lower Upper

146 100

148 66.4 52.8 79.2

111 42.2 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 49.450 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

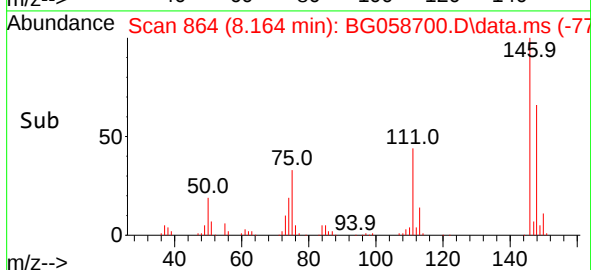
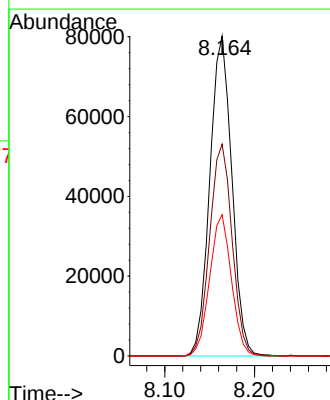
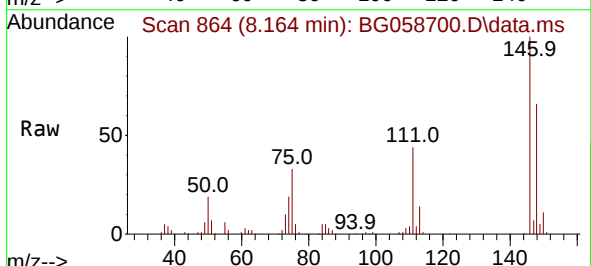
Tgt Ion:146 Resp: 136638

Ion Ratio Lower Upper

146 100

148 66.2 53.4 80.2

111 44.1 34.2 51.2

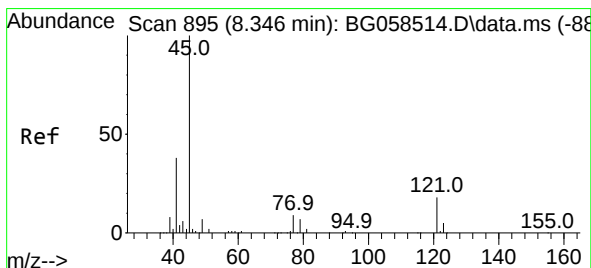
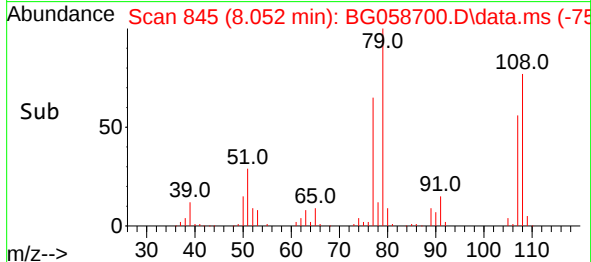
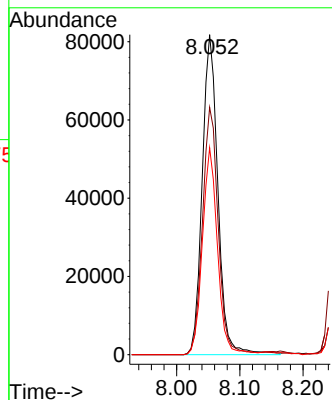
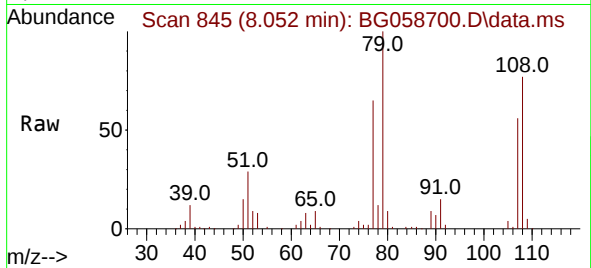




#15
Benzyl Alcohol
Concen: 58.133 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

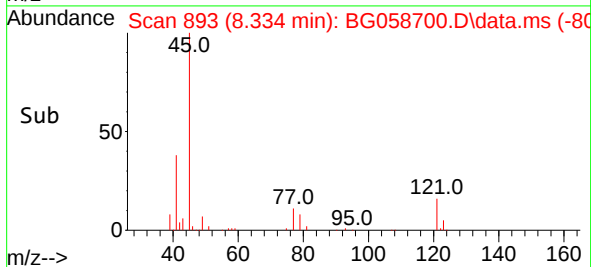
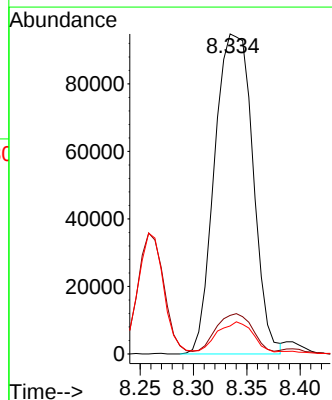
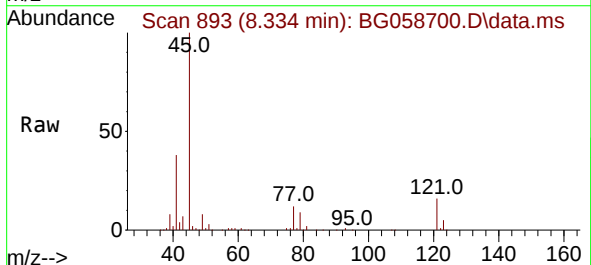
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

Tgt Ion:	79	Resp:	140954
Ion Ratio	Lower	Upper	
79	100		
108	77.3	63.8	95.6
77	64.7	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.427 ng
RT: 8.334 min Scan# 893
Delta R.T. -0.012 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:	45	Resp:	236401
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.6
79	8.7	0.0	30.2





#17

2-Methylphenol

Concen: 50.443 ng

RT: 8.264 min Scan# 881

Delta R.T. 0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

Tgt Ion:107 Resp: 137751

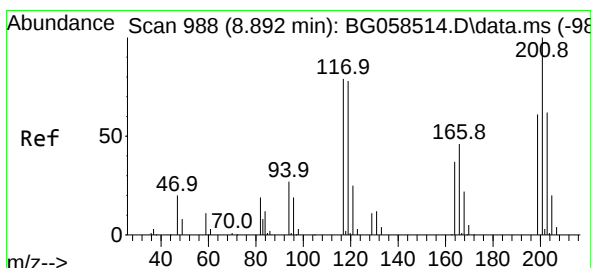
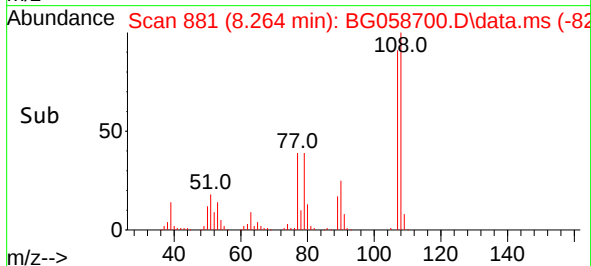
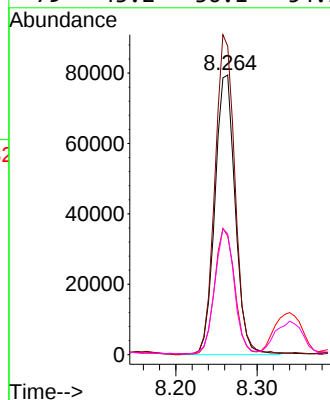
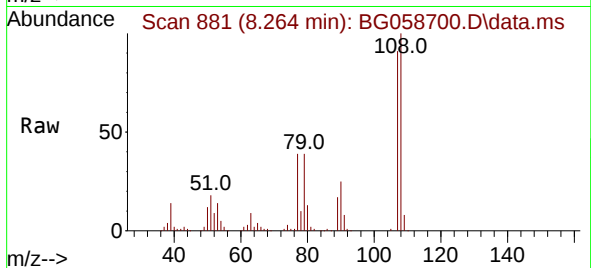
Ion Ratio Lower Upper

107 100

108 110.3 89.1 133.7

77 42.5 36.2 54.4

79 43.2 36.1 54.1



#18

Hexachloroethane

Concen: 48.569 ng

RT: 8.887 min Scan# 987

Delta R.T. -0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

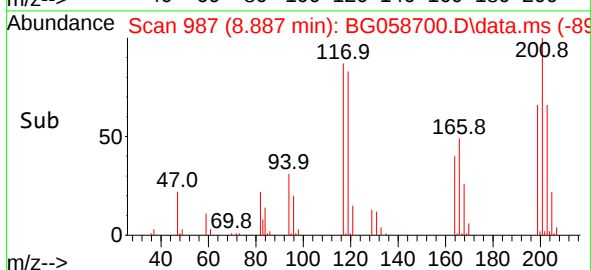
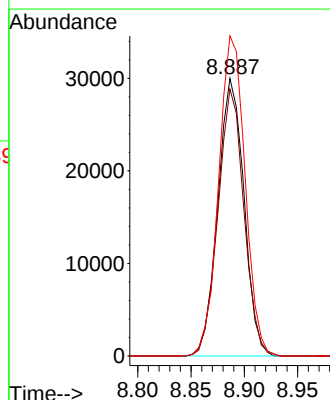
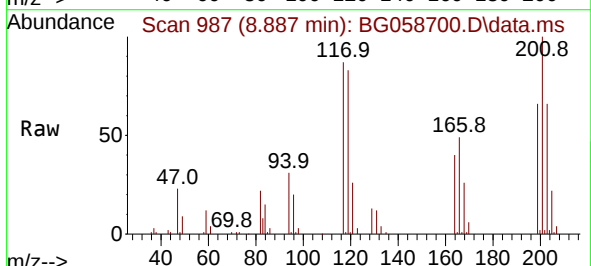
Tgt Ion:117 Resp: 51020

Ion Ratio Lower Upper

117 100

119 96.2 78.6 117.8

201 115.3 101.4 152.0

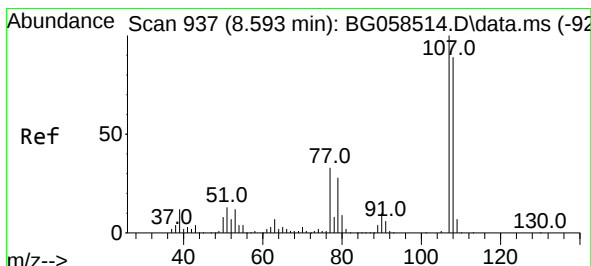
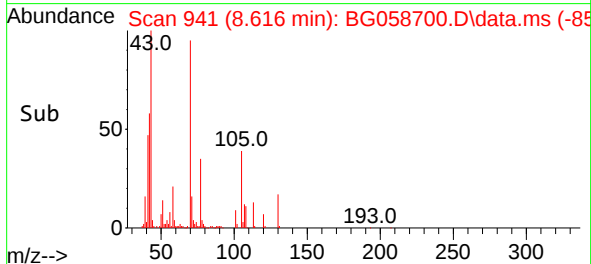
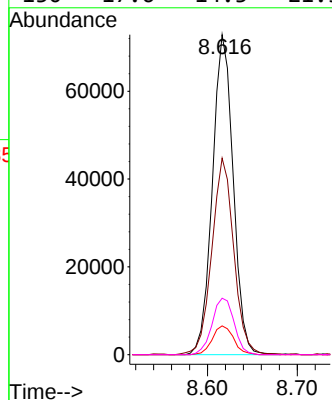
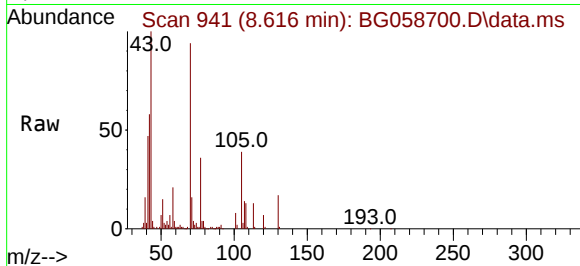




#19
n-Nitroso-di-n-propylamine
Concen: 47.347 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

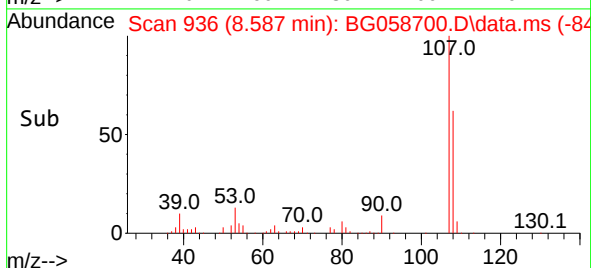
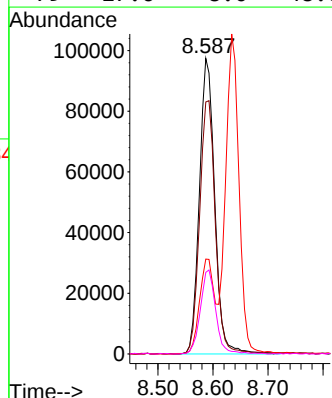
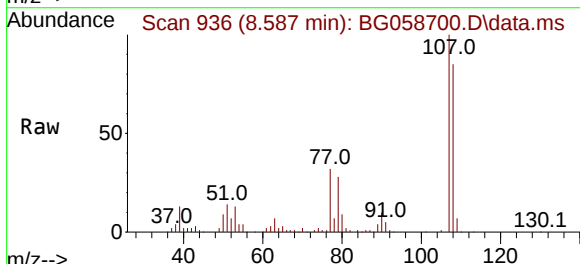
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

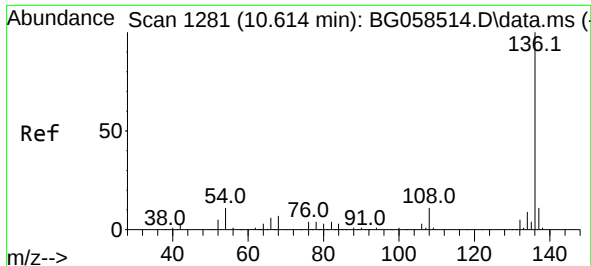
Tgt Ion: 70 Resp: 116929
Ion Ratio Lower Upper
70 100
42 61.4 49.7 74.5
101 9.0 7.0 10.4
130 17.6 14.3 21.5



#20
3+4-Methylphenols
Concen: 51.017 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

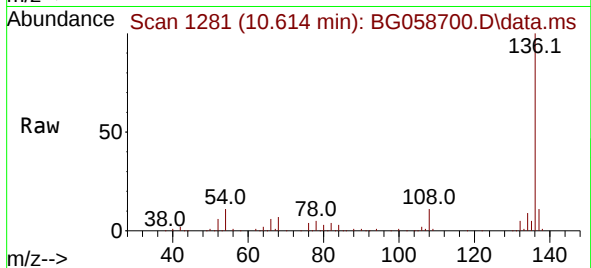
Tgt Ion: 107 Resp: 188449
Ion Ratio Lower Upper
107 100
108 85.3 69.4 109.4
77 32.1 13.0 53.0
79 27.6 8.0 48.0



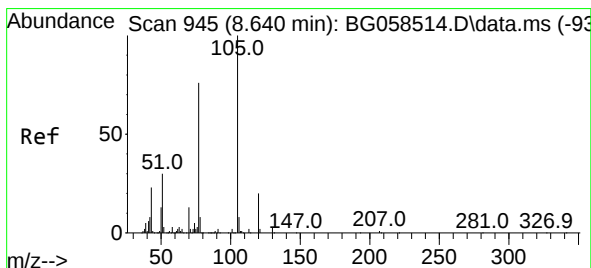
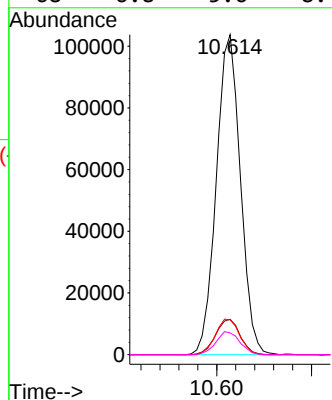
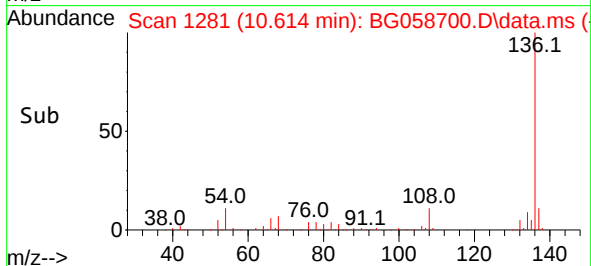


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

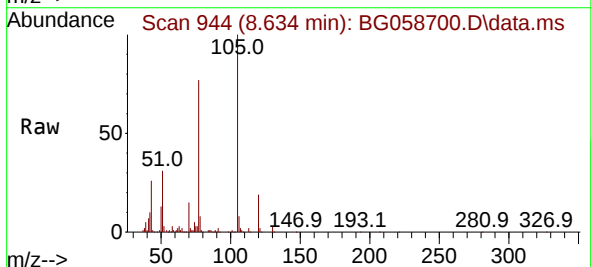
Instrument :
BNA_G
ClientSampleId :
PB154732BSD



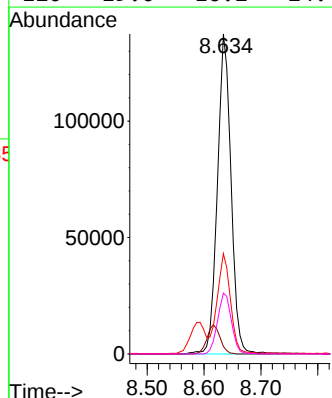
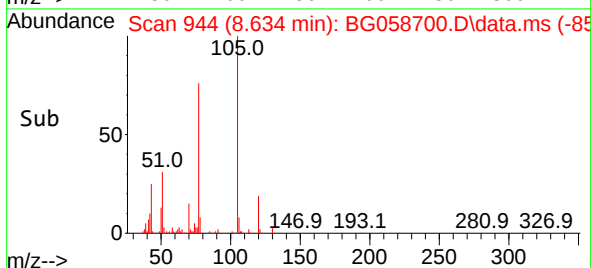
Tgt Ion:	136	Resp:	182925
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.9	8.9	13.3
68	6.8	5.6	8.4



#22
Acetophenone
Concen: 46.713 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28



Tgt Ion:	105	Resp:	228802
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.8	2.6
51	31.3	24.2	36.2
120	19.0	16.2	24.4

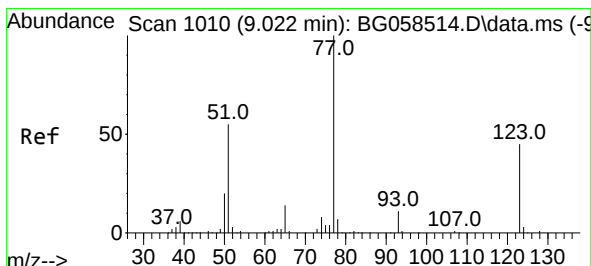
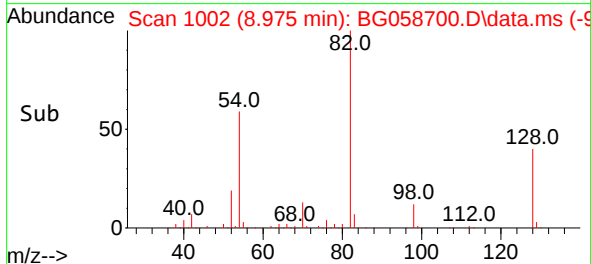
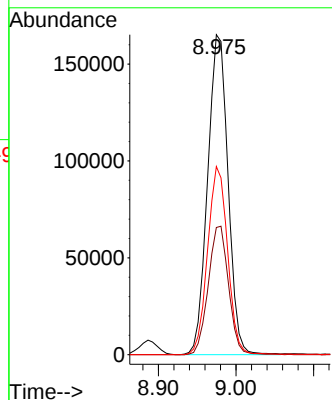
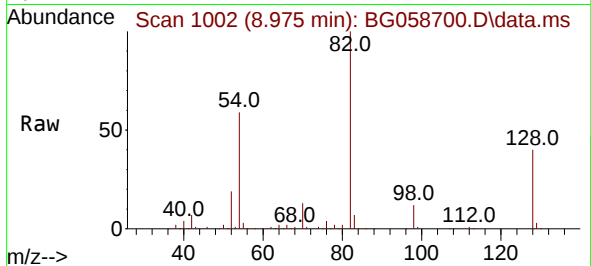




#23
Nitrobenzene-d5
Concen: 81.197 ng
RT: 8.975 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

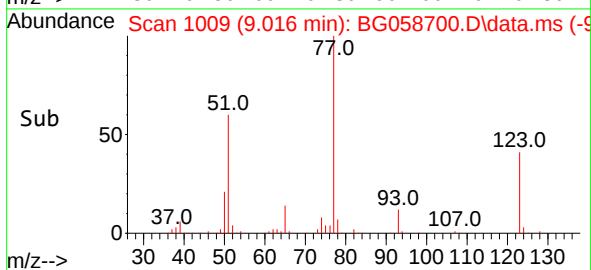
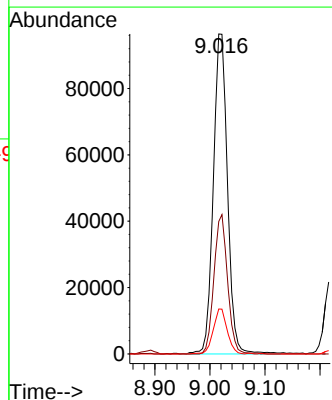
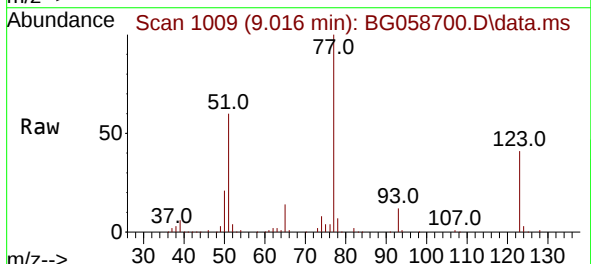
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

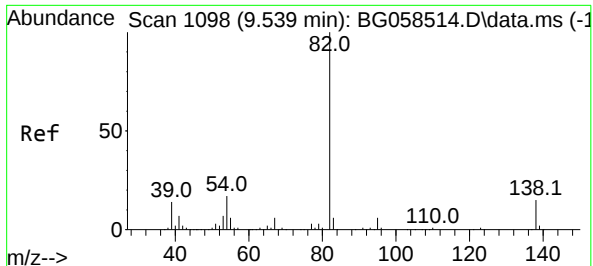
Tgt Ion: 82 Resp: 302347
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 58.8 46.0 69.0



#24
Nitrobenzene
Concen: 45.657 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion: 77 Resp: 172839
Ion Ratio Lower Upper
77 100
123 41.4 35.6 53.4
65 14.1 11.4 17.0

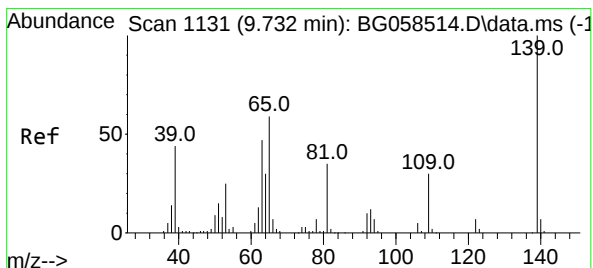
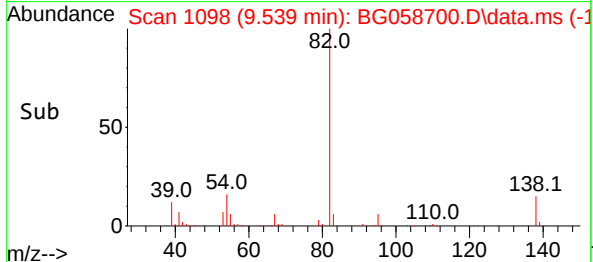
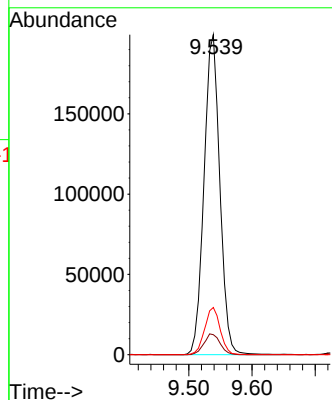
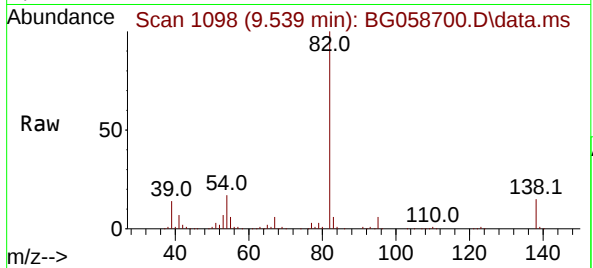




#25
Isophorone
Concen: 45.011 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

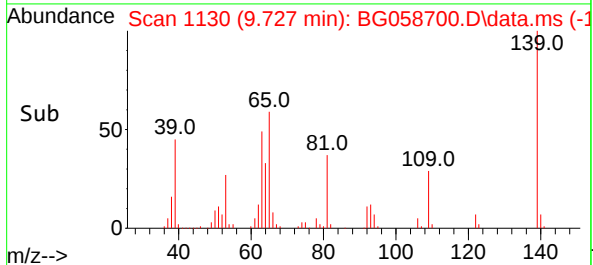
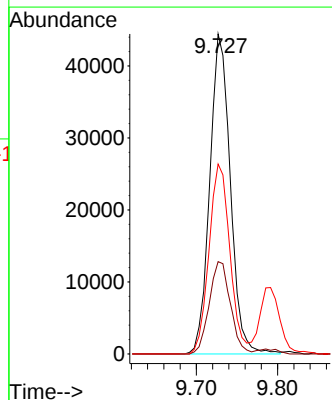
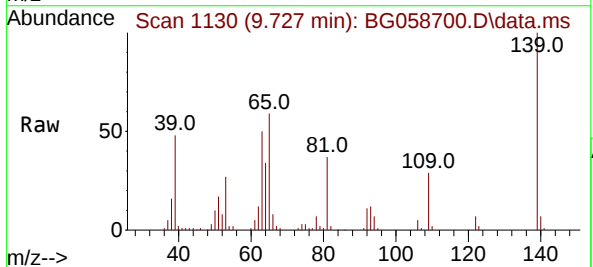
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

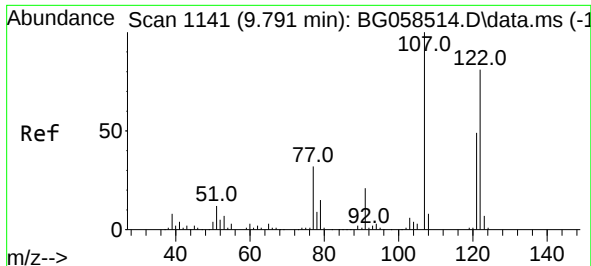
Tgt Ion: 82 Resp: 346299
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 47.407 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:139 Resp: 78119
Ion Ratio Lower Upper
139 100
109 28.8 24.2 36.2
65 59.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.929 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

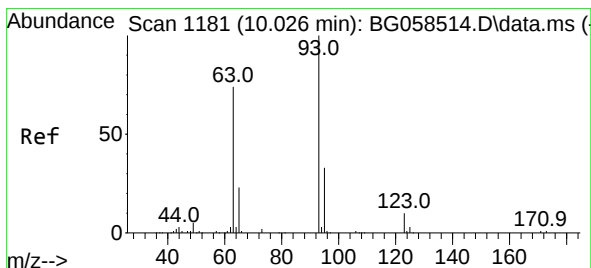
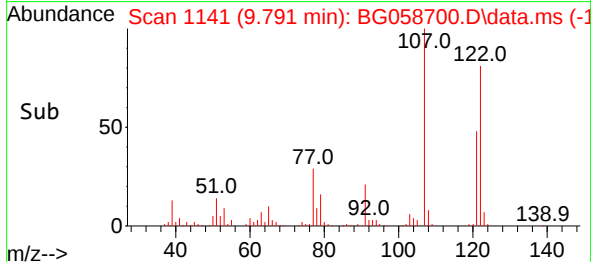
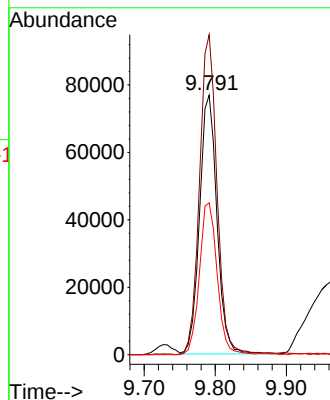
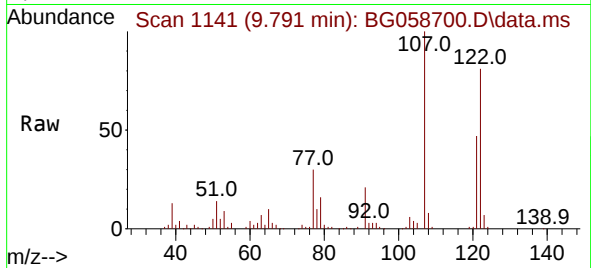
Tgt Ion:122 Resp: 131006

Ion Ratio Lower Upper

122 100

107 123.3 98.0 147.0

121 58.5 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.624 ng

RT: 10.021 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

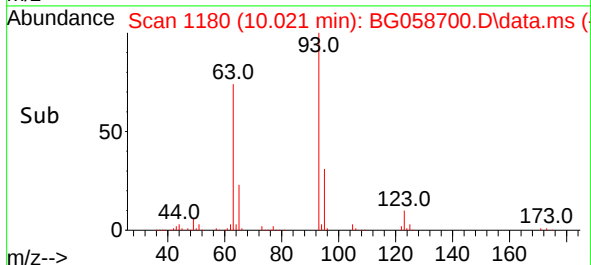
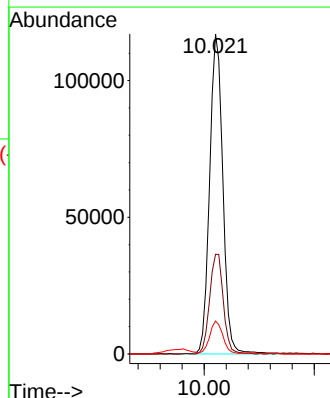
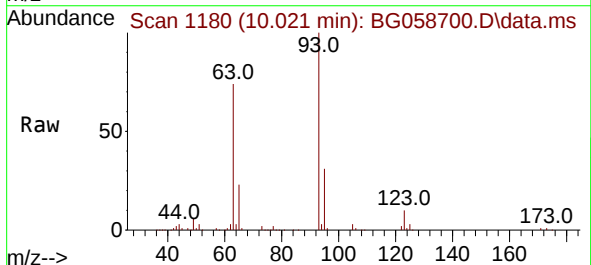
Tgt Ion: 93 Resp: 195213

Ion Ratio Lower Upper

93 100

95 31.1 26.0 39.0

123 10.3 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 49.711 ng

RT: 10.267 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

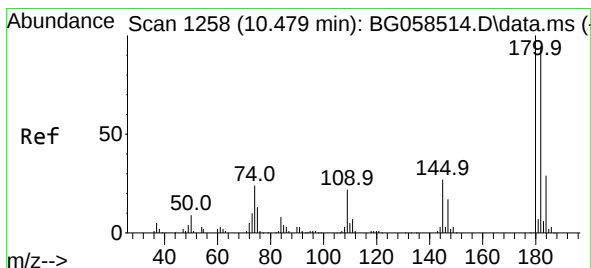
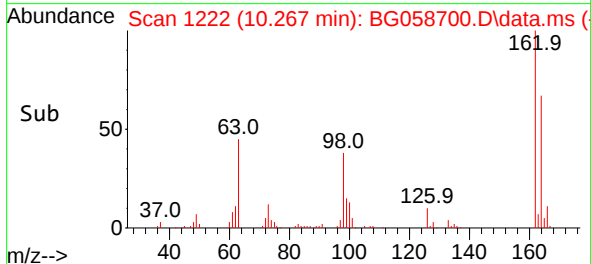
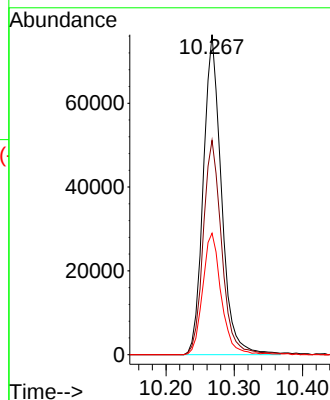
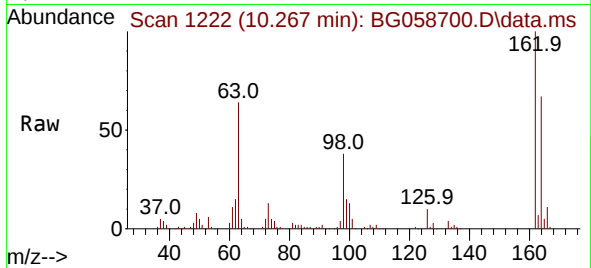
Tgt Ion:162 Resp: 141080

Ion Ratio Lower Upper

162 100

164 67.0 47.6 87.6

98 38.0 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 46.251 ng

RT: 10.479 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

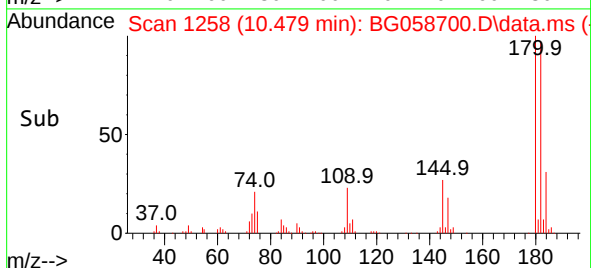
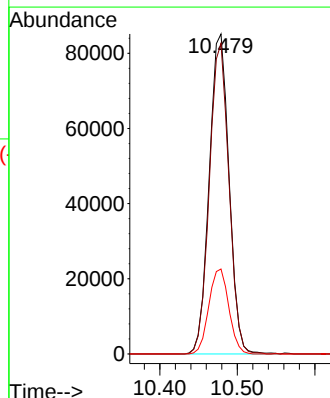
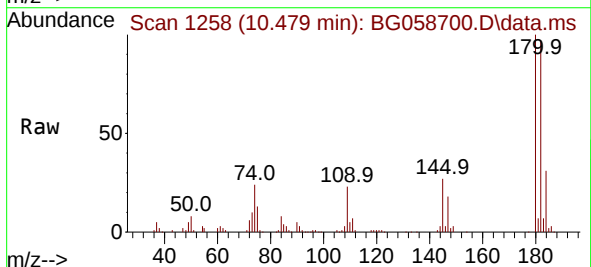
Tgt Ion:180 Resp: 151377

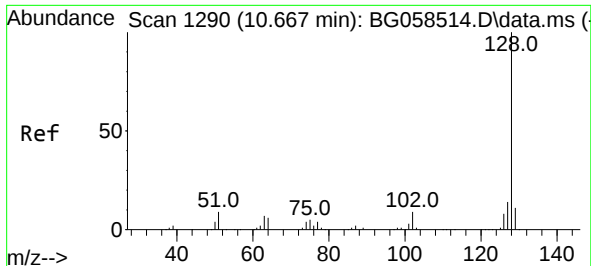
Ion Ratio Lower Upper

180 100

182 97.0 75.0 112.4

145 26.6 21.9 32.9

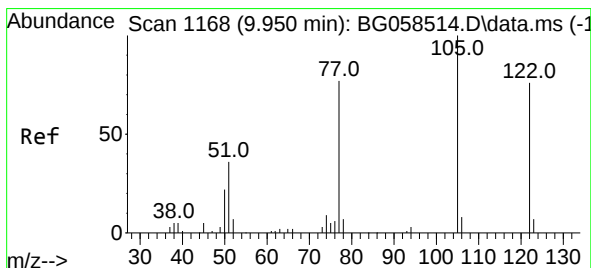
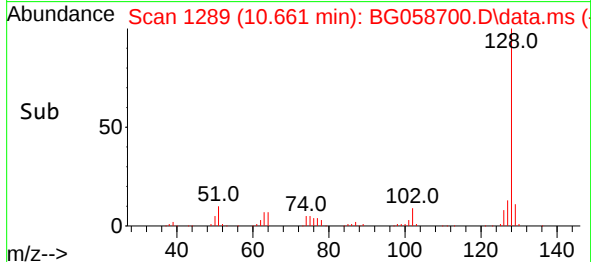
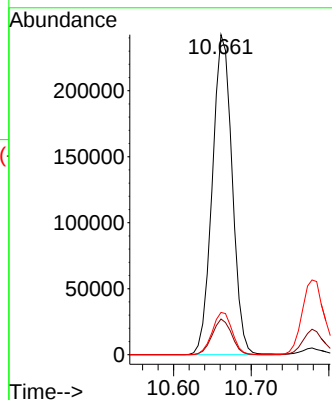
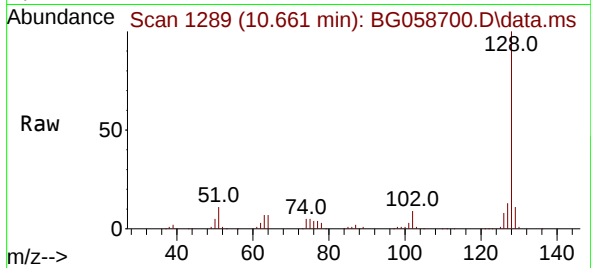




#31
Naphthalene
Concen: 44.727 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

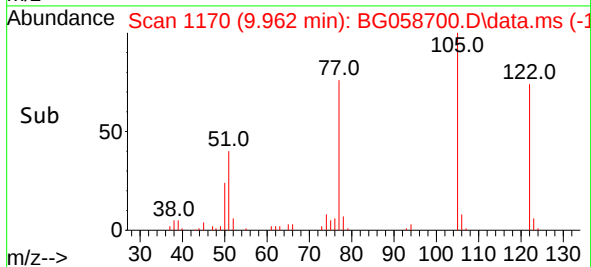
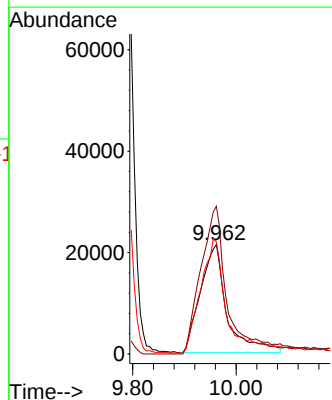
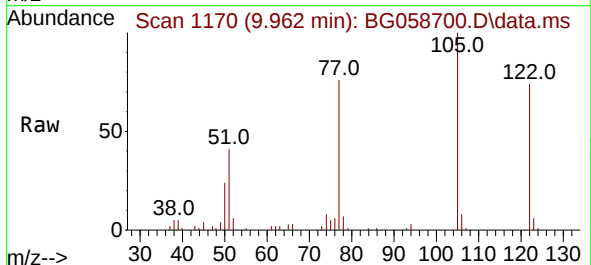
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

Tgt Ion:128 Resp: 431224
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 37.453 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:122 Resp: 75841
Ion Ratio Lower Upper
122 100
105 135.1 106.5 146.5
77 102.6 78.1 118.1

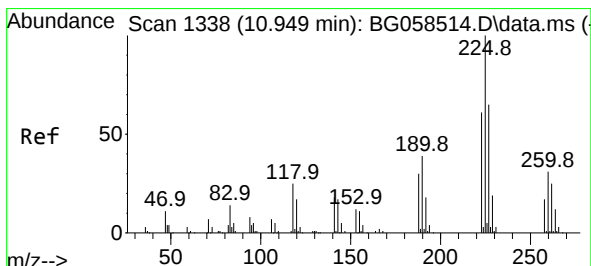
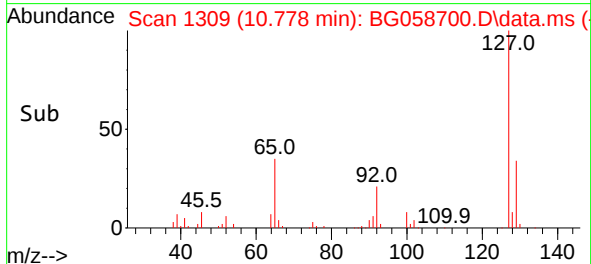
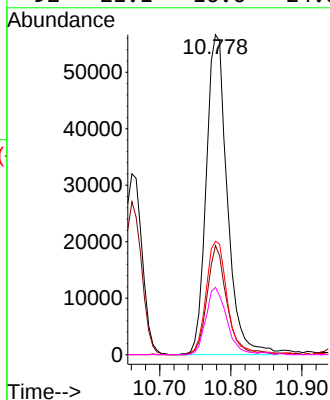
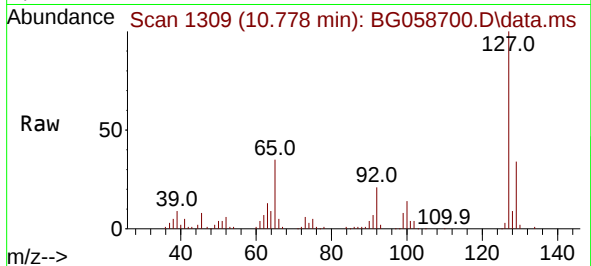




#33
4-Chloroaniline
Concen: 28.732 ng
RT: 10.778 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

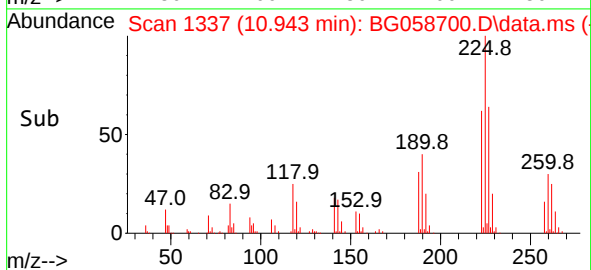
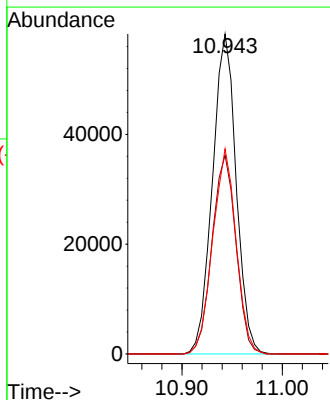
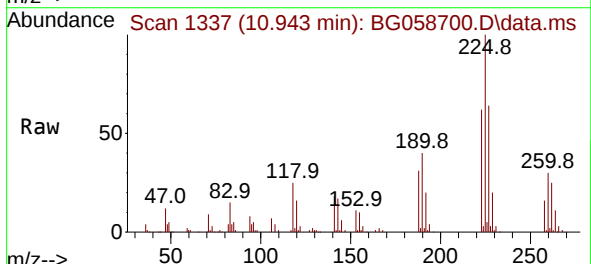
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

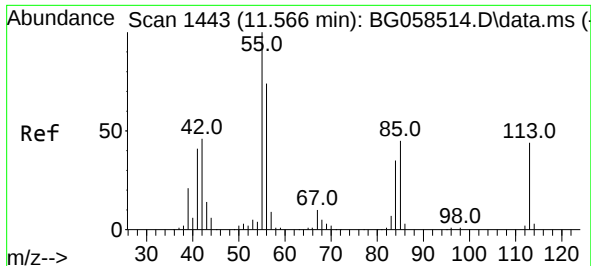
Tgt Ion:	127	Resp:	117038
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.4	38.2
65	35.5	29.5	44.3
92	21.1	16.6	24.8



#34
Hexachlorobutadiene
Concen: 45.384 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:	225	Resp:	95659
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.0	73.6
227	64.1	51.7	77.5

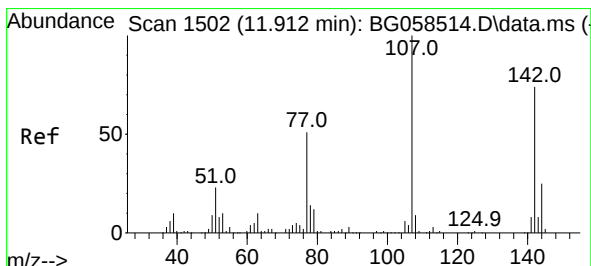
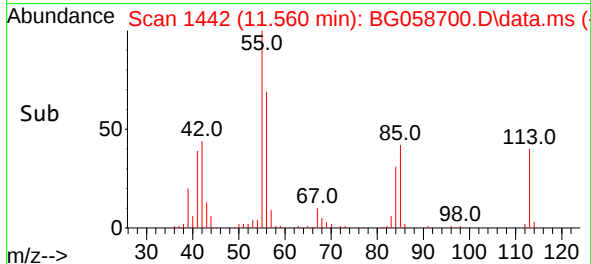
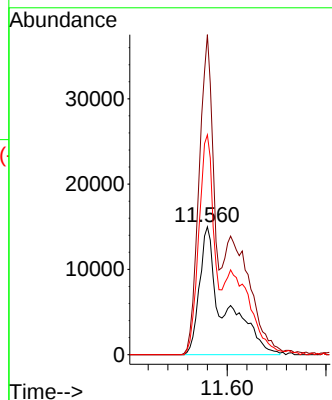
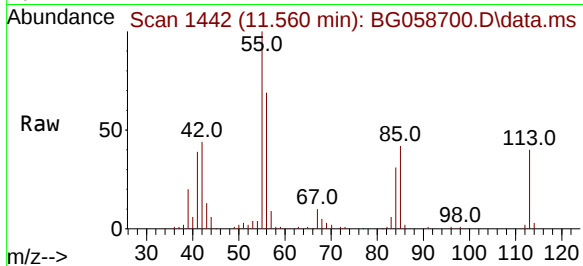




#35
Caprolactam
Concen: 49.866 ng m
RT: 11.560 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

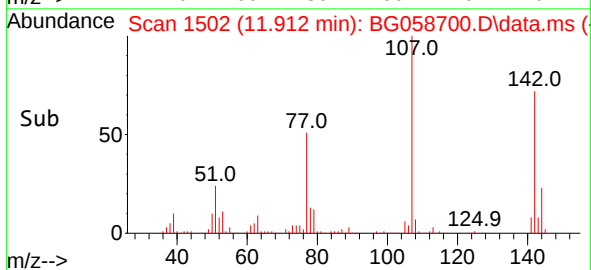
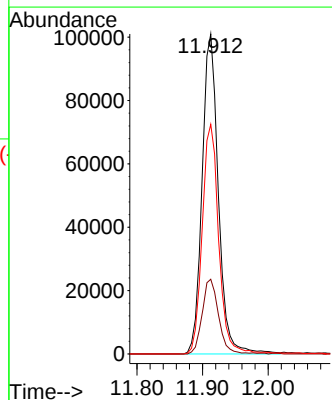
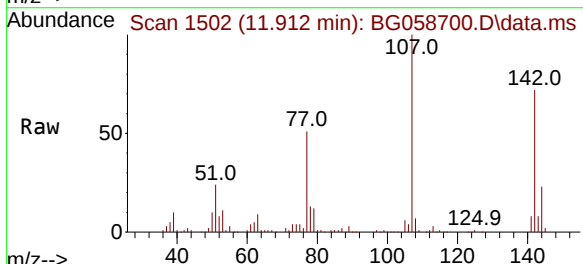
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

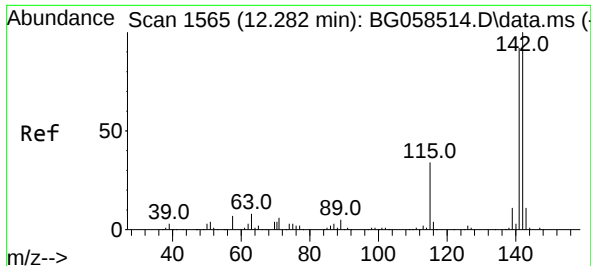
Tgt Ion:113 Resp: 52260
Ion Ratio Lower Upper
113 100
55 250.4 208.0 248.0#
56 172.0 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 49.690 ng
RT: 11.912 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:107 Resp: 174446
Ion Ratio Lower Upper
107 100
144 23.4 19.6 29.4
142 71.8 59.3 88.9





#37

2-Methylnaphthalene

Concen: 43.684 ng

RT: 12.277 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

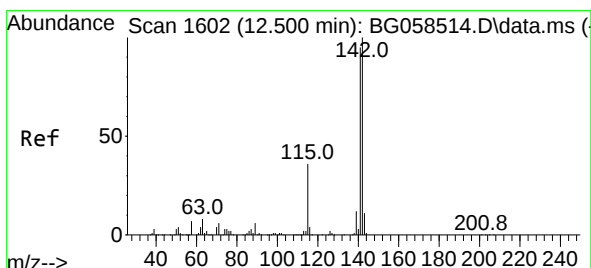
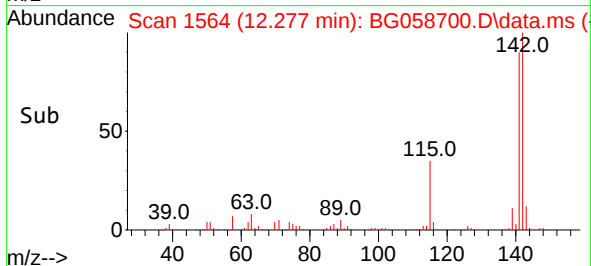
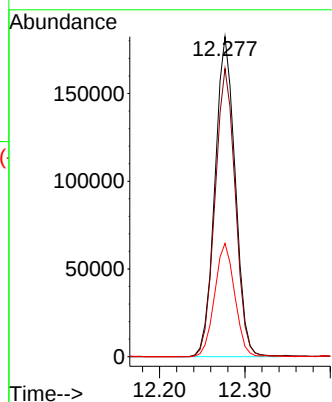
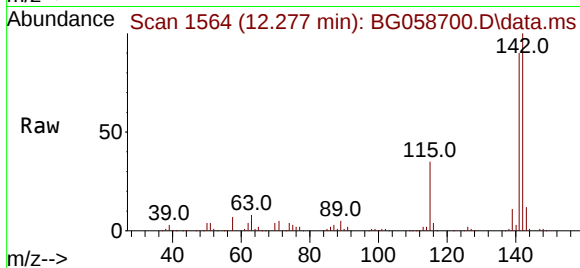
Tgt Ion:142 Resp: 301267

Ion Ratio Lower Upper

142 100

141 90.0 73.5 110.3

115 35.4 27.4 41.0



#38

1-Methylnaphthalene

Concen: 44.378 ng

RT: 12.500 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

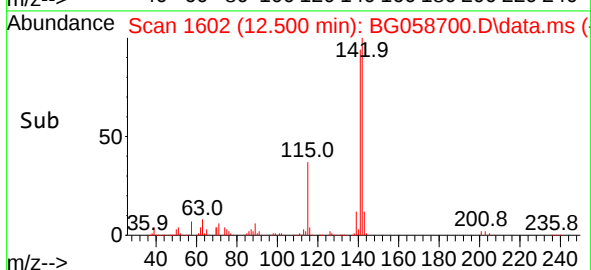
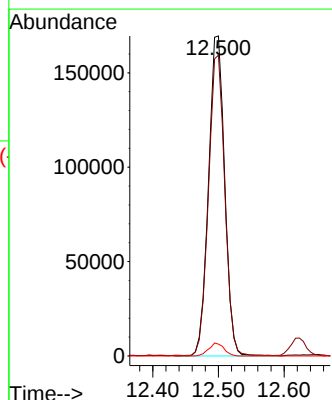
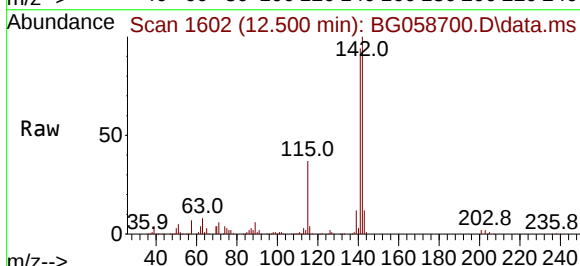
Tgt Ion:142 Resp: 290928

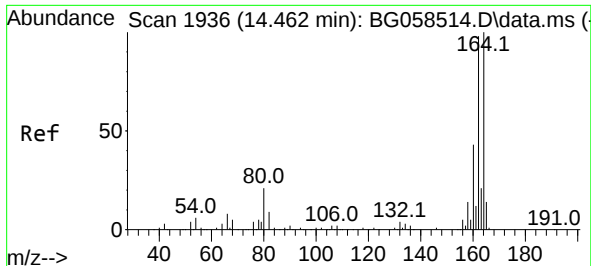
Ion Ratio Lower Upper

142 100

141 94.0 75.7 113.5

116 3.7 3.2 4.8

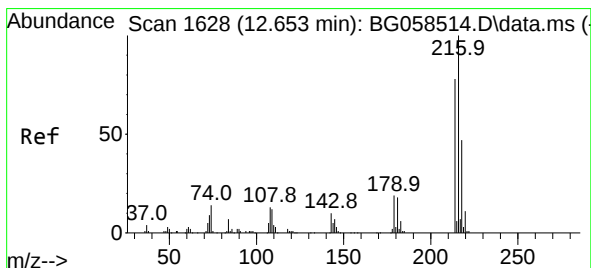
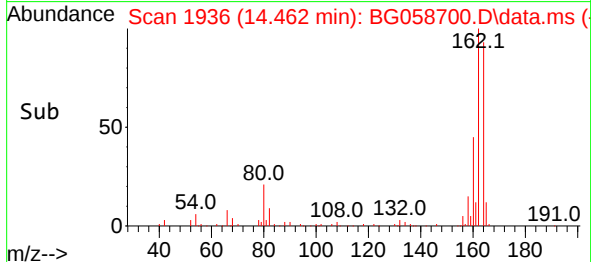
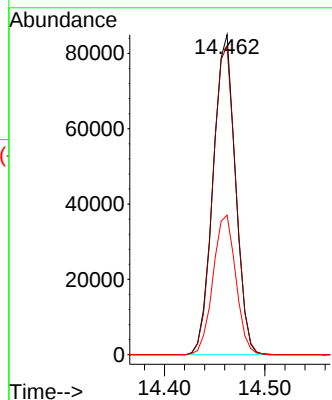
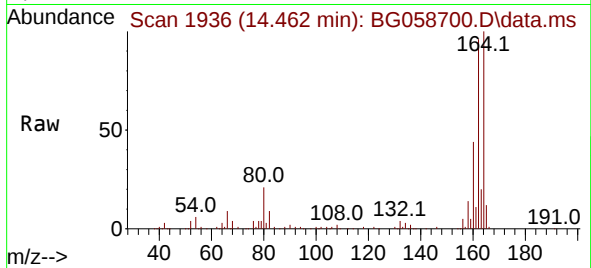




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

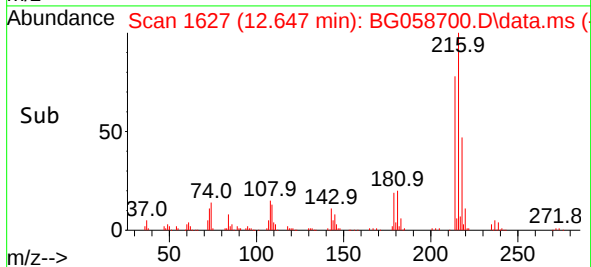
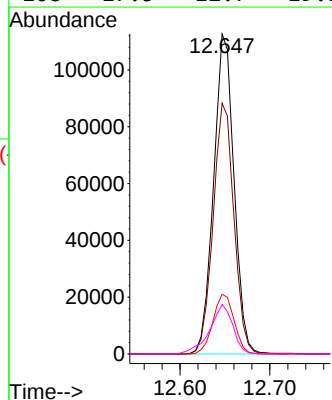
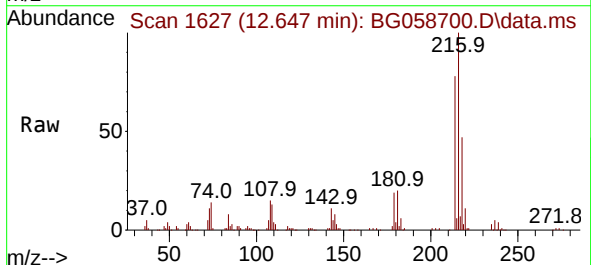
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

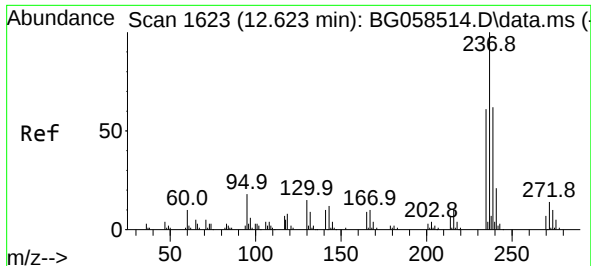
Tgt Ion:164 Resp: 131172
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 43.6 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.113 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

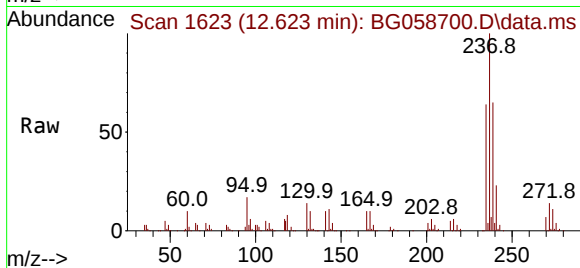
Tgt Ion:216 Resp: 177649
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 19.3 15.6 23.4
108 17.5 12.7 19.1



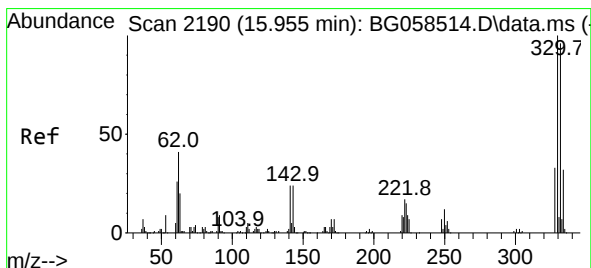
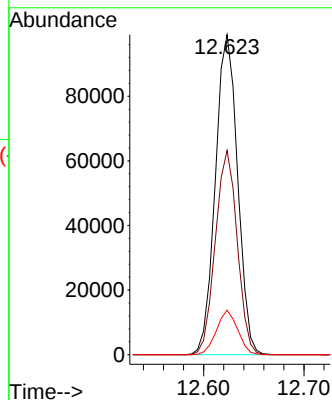
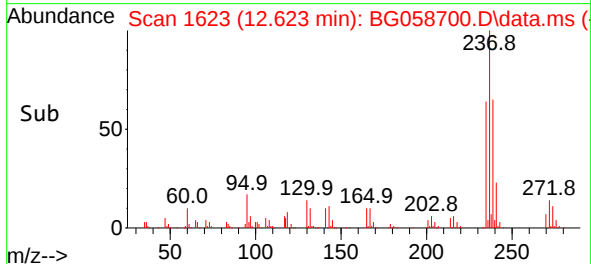


#41
Hexachlorocyclopentadiene
Concen: 81.327 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

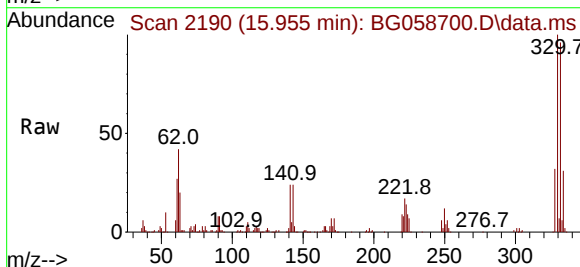
Instrument :
BNA_G
ClientSampleId :
PB154732BSD



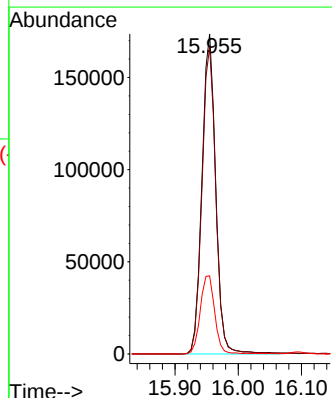
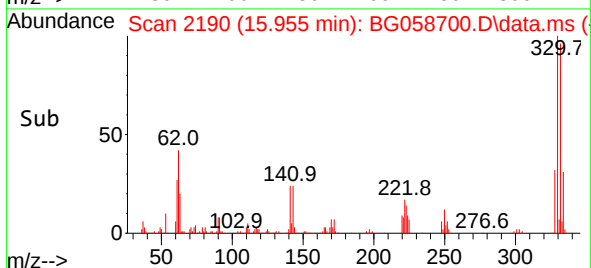
Tgt Ion:237 Resp: 152351
Ion Ratio Lower Upper
237 100
235 63.8 41.0 81.0
272 13.9 0.0 33.6

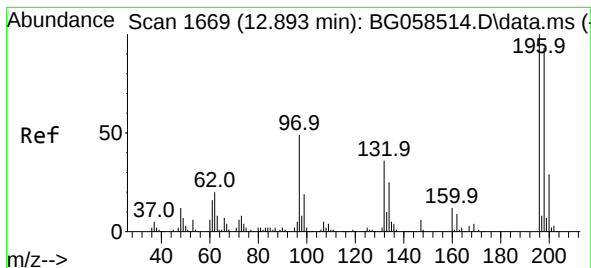


#42
2,4,6-Tribromophenol
Concen: 121.851 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28



Tgt Ion:330 Resp: 261980
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 25.7 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 46.930 ng

RT: 12.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

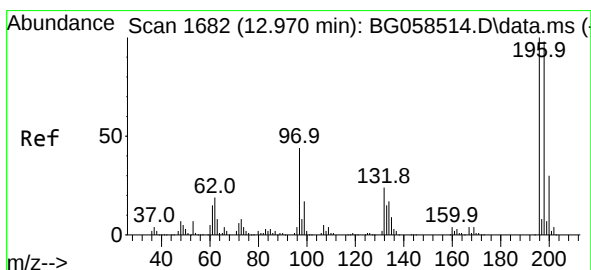
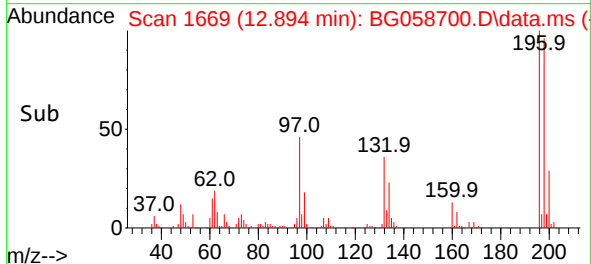
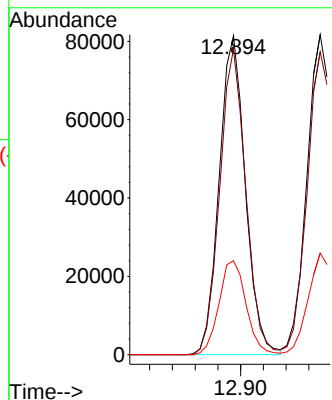
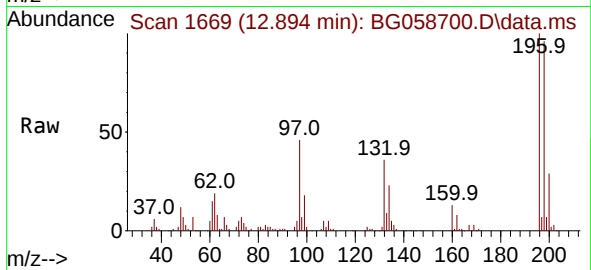
Tgt Ion:196 Resp: 129991

Ion Ratio Lower Upper

196 100

198 95.8 74.2 111.4

200 29.5 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 44.286 ng

RT: 12.970 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Tgt Ion:196 Resp: 144484

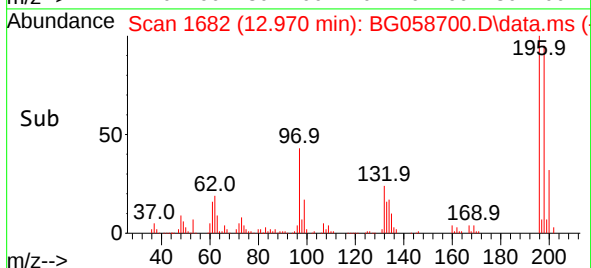
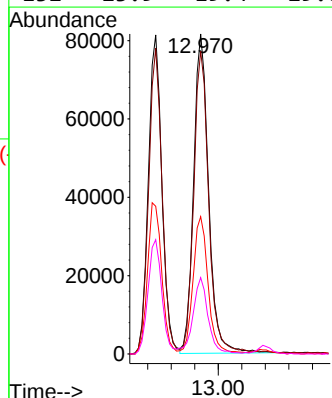
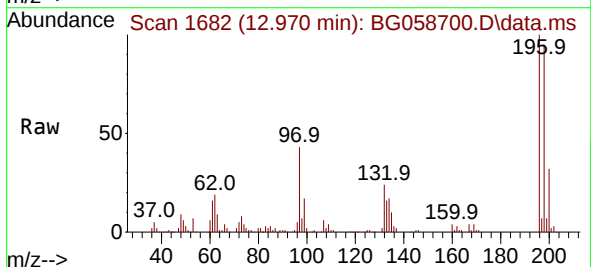
Ion Ratio Lower Upper

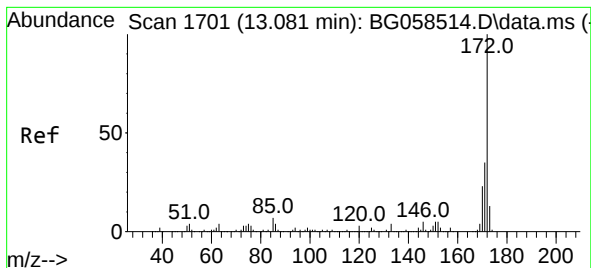
196 100

198 94.6 78.3 117.5

97 42.9 35.2 52.8

132 23.9 19.4 29.0

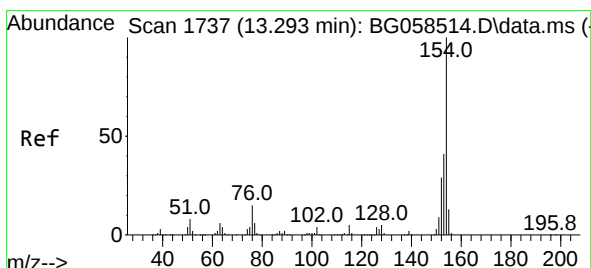
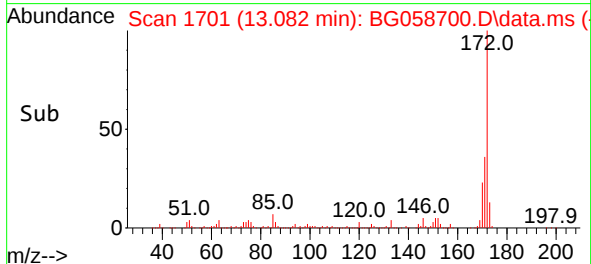
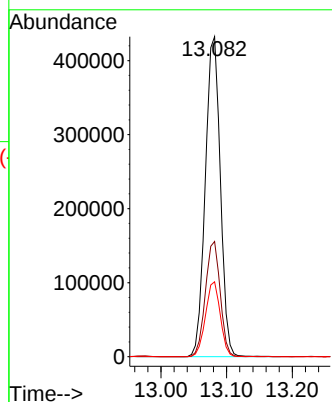
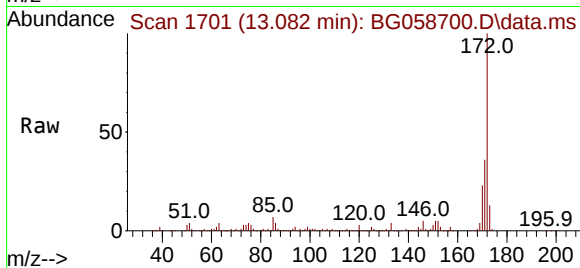




#45
2-Fluorobiphenyl
Concen: 78.771 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

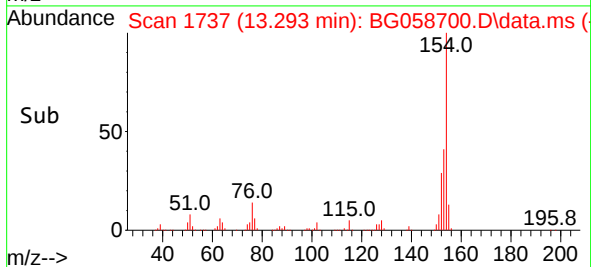
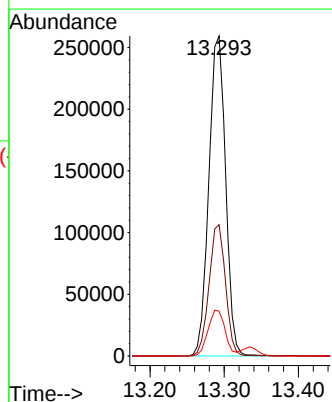
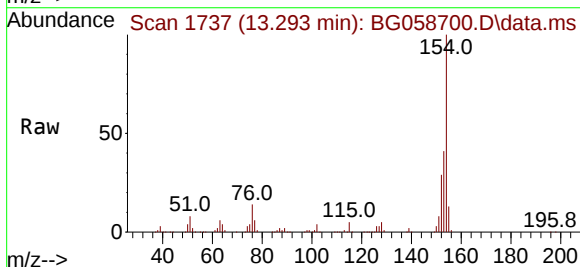
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

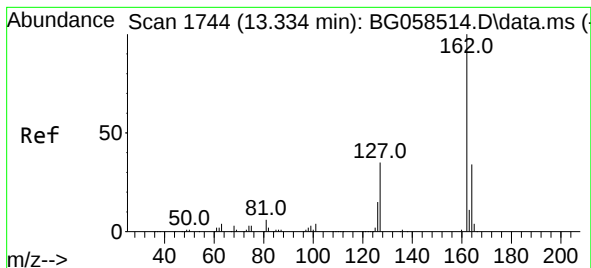
Tgt Ion:172 Resp: 689482
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.4 18.4 27.6



#46
1,1'-Biphenyl
Concen: 45.148 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:154 Resp: 406706
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 14.0 0.0 34.7





#47

2-Chloronaphthalene

Concen: 45.933 ng

RT: 13.334 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

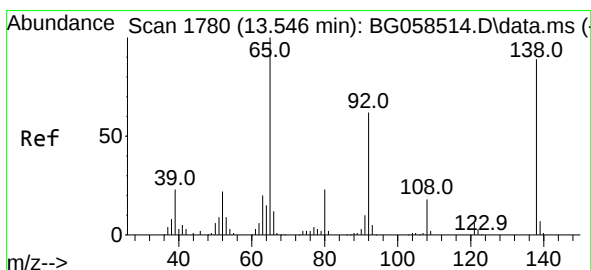
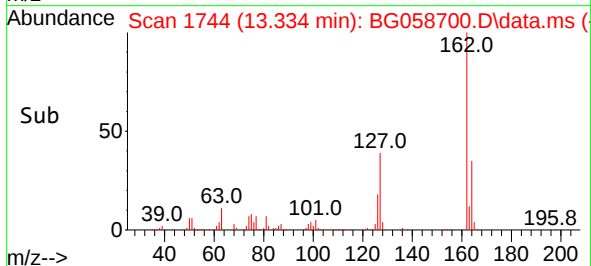
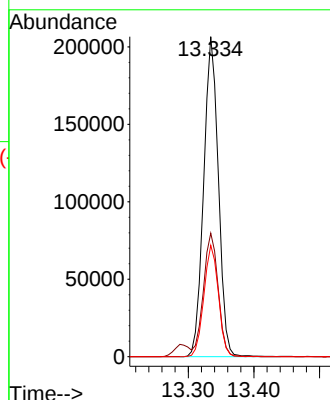
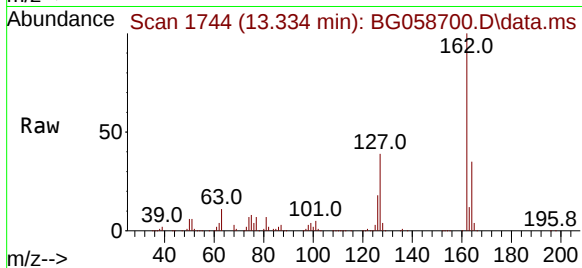
Tgt Ion:162 Resp: 322620

Ion Ratio Lower Upper

162 100

127 38.6 30.9 46.3

164 34.8 27.2 40.8



#48

2-Nitroaniline

Concen: 48.387 ng

RT: 13.546 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

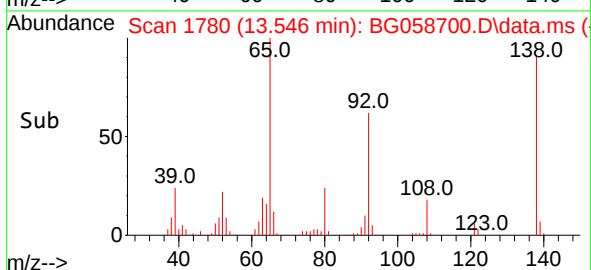
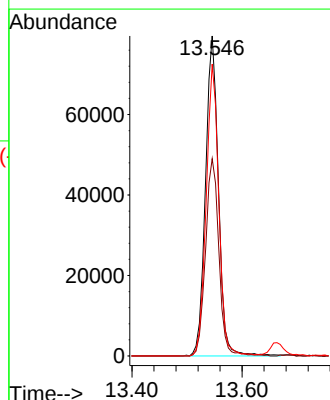
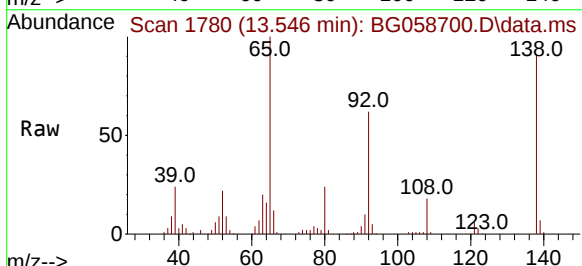
Tgt Ion: 65 Resp: 129721

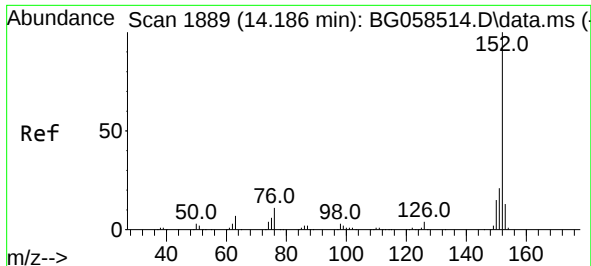
Ion Ratio Lower Upper

65 100

92 61.7 49.2 73.8

138 91.2 71.5 107.3

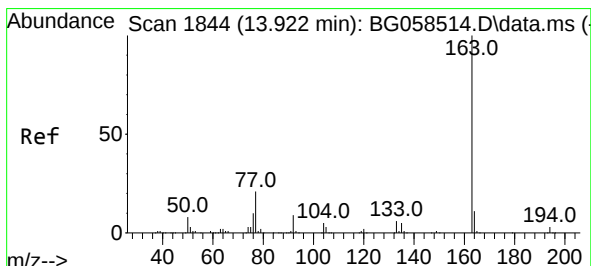
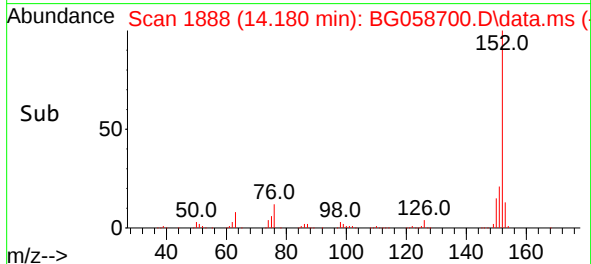
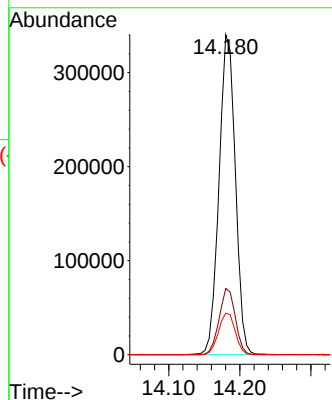
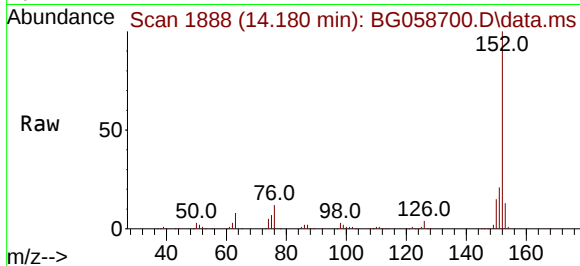




#49
Acenaphthylene
Concen: 46.092 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

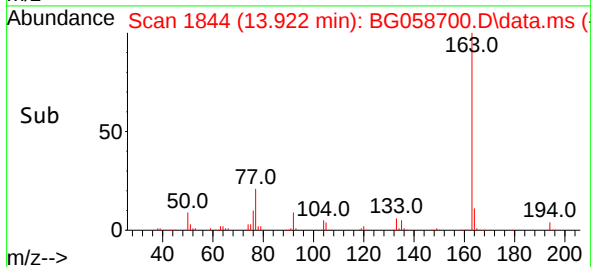
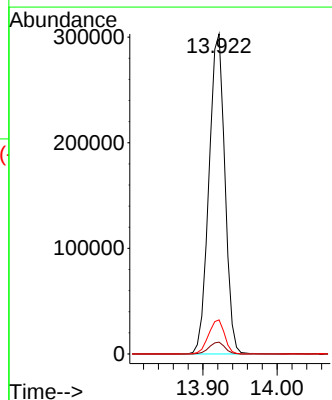
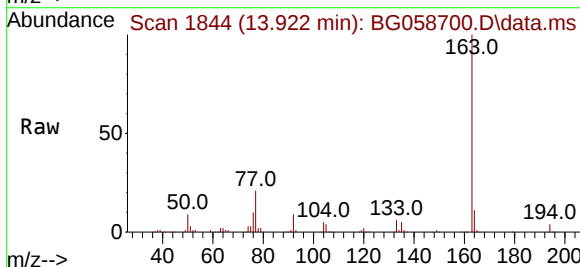
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

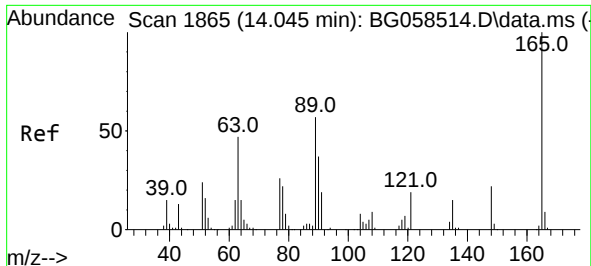
Tgt Ion:152 Resp: 542014
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 45.874 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:163 Resp: 451922
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.6 12.8

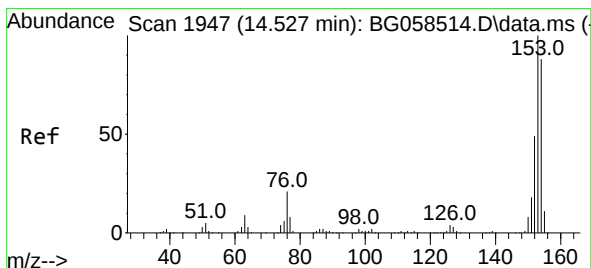
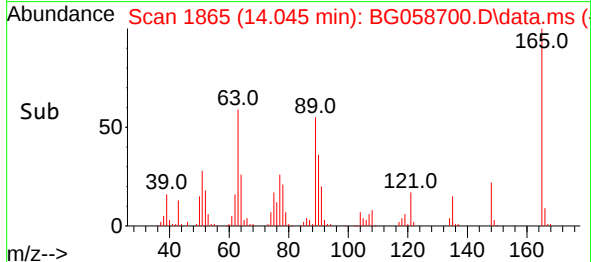
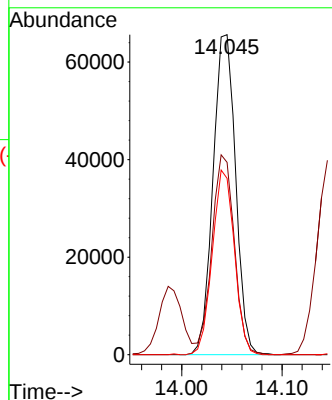
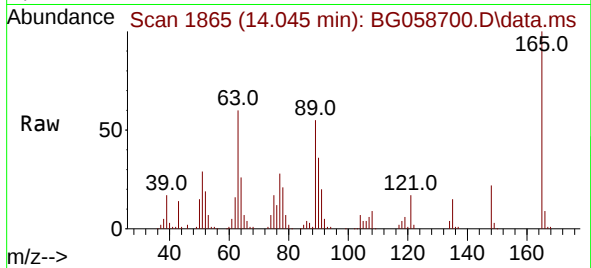




#51
2,6-Dinitrotoluene
Concen: 47.390 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

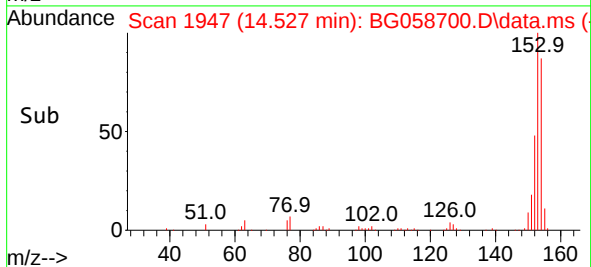
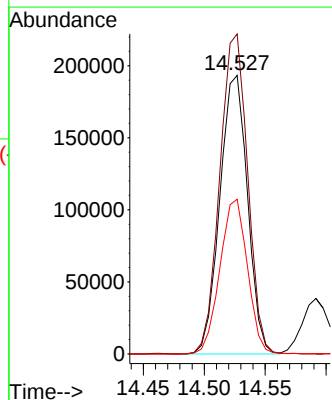
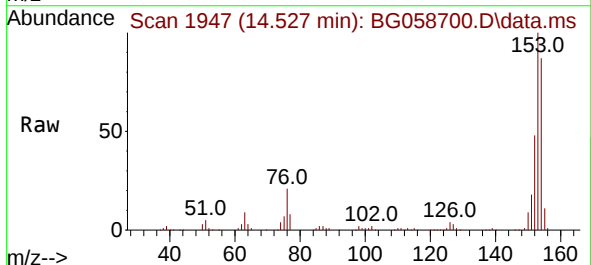
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

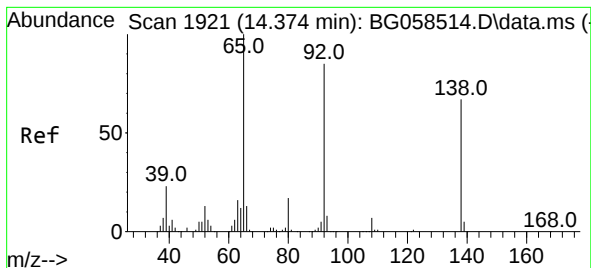
Tgt Ion:165 Resp: 102436
Ion Ratio Lower Upper
165 100
63 60.1 46.4 69.6
89 55.1 45.3 67.9



#52
Acenaphthene
Concen: 44.981 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:154 Resp: 305640
Ion Ratio Lower Upper
154 100
153 114.9 91.1 136.7
152 55.5 44.6 66.8

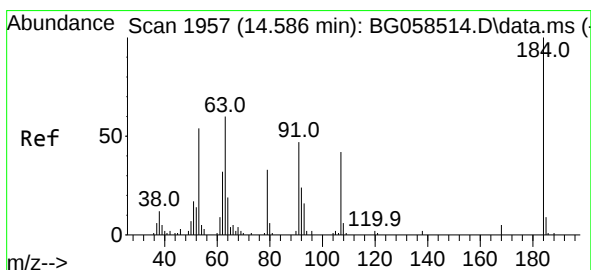
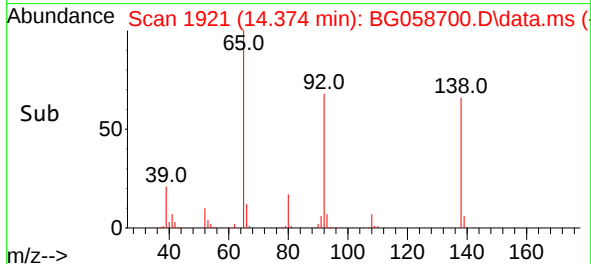
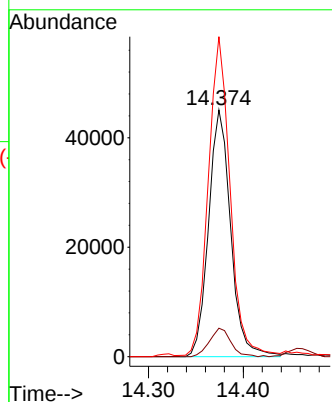
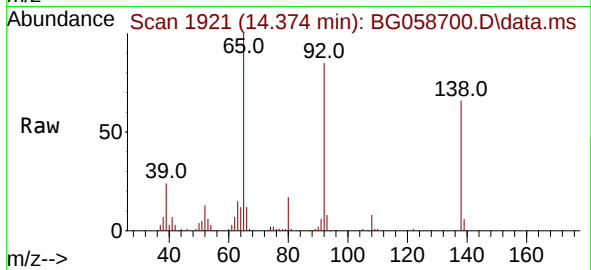




#53
3-Nitroaniline
Concen: 33.783 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

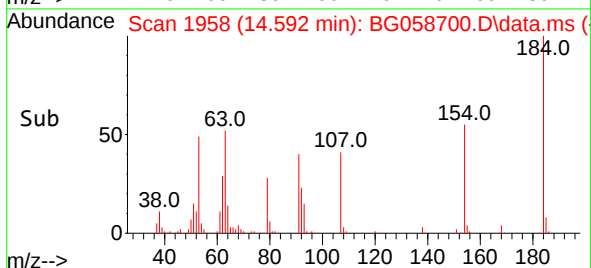
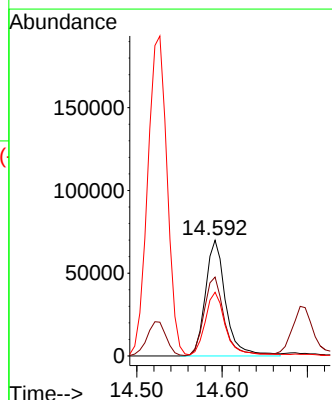
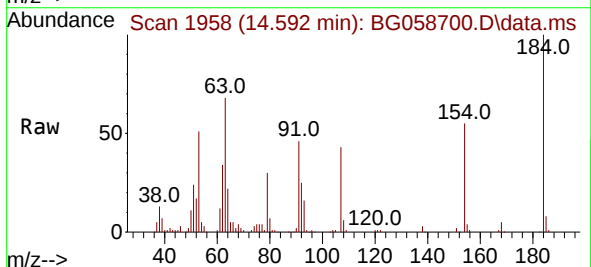
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

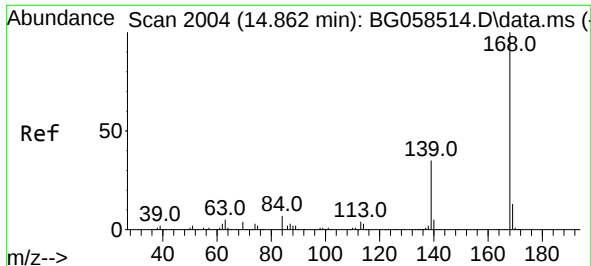
Tgt Ion:138 Resp: 73061
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 129.7 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 93.473 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:184 Resp: 115593
Ion Ratio Lower Upper
184 100
63 68.1 56.7 85.1
154 55.0 46.1 69.1

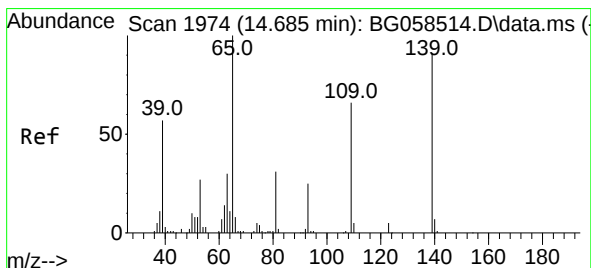
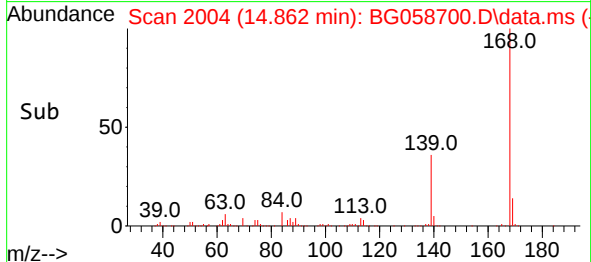
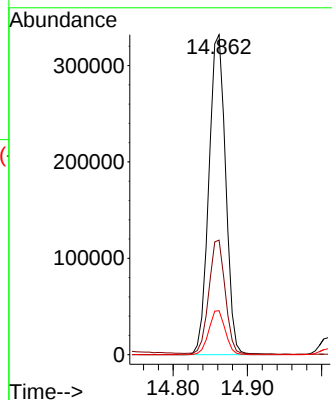
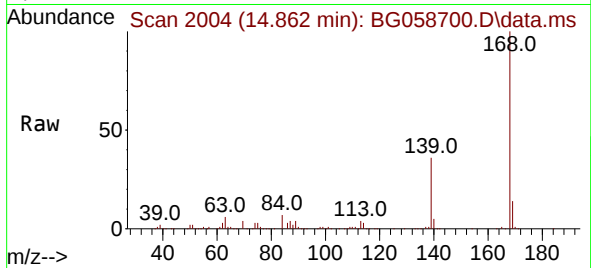




#55
Dibenzofuran
Concen: 44.663 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

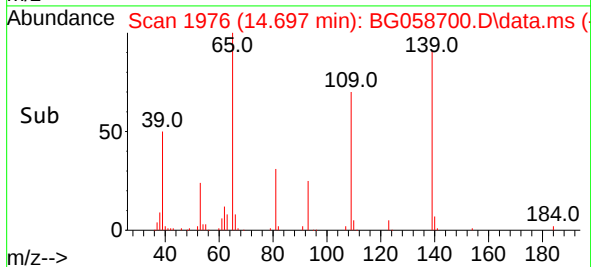
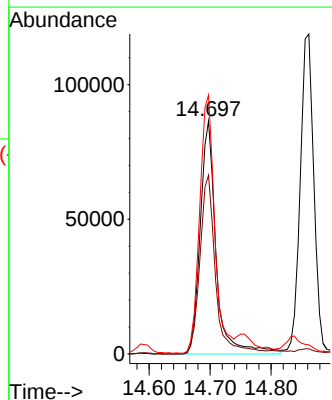
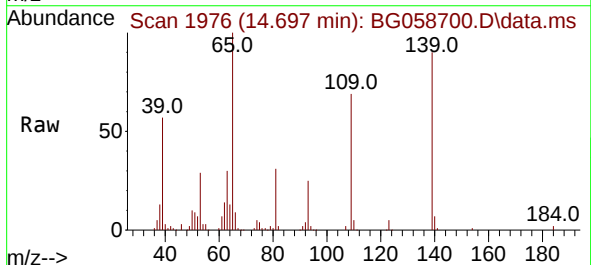
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

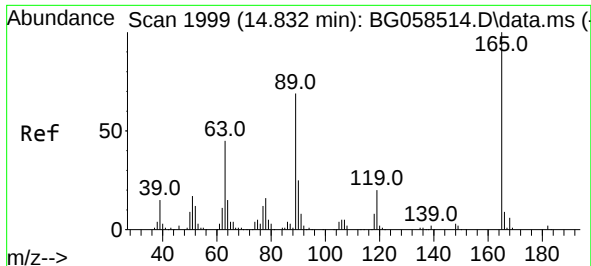
Tgt Ion:168 Resp: 521473
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.8
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 97.063 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:139 Resp: 156728
Ion Ratio Lower Upper
139 100
109 76.7 52.5 92.5
65 111.2 90.5 130.5

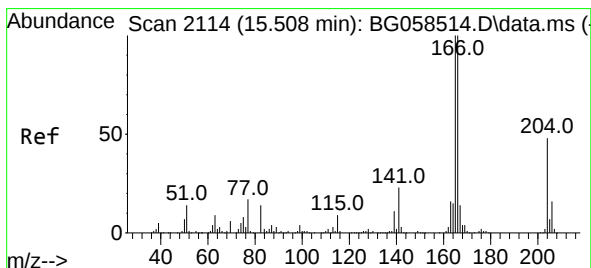
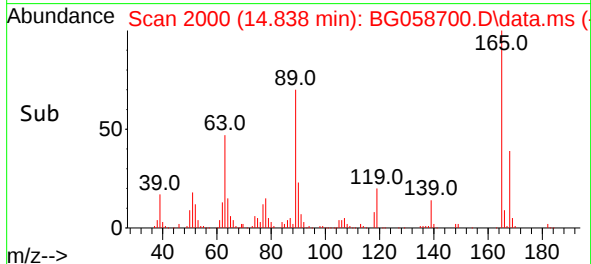
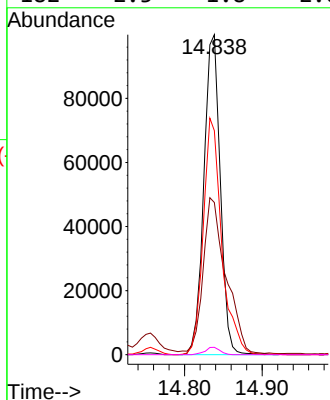
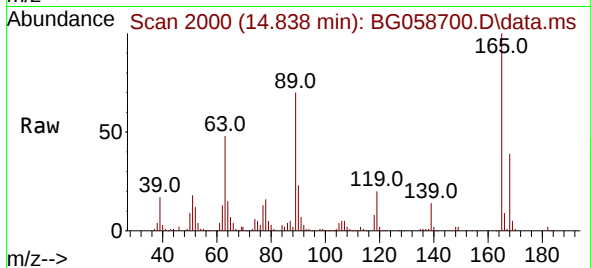




#57
2,4-Dinitrotoluene
Concen: 48.993 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

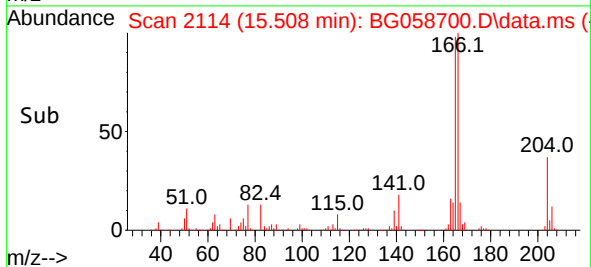
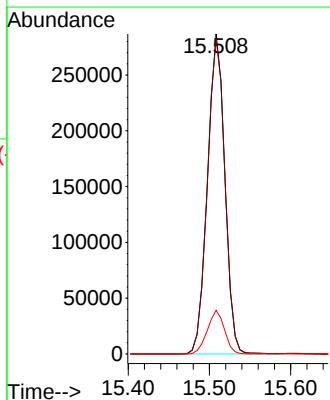
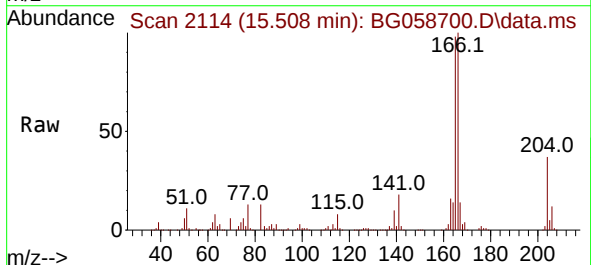
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

Tgt Ion:	165	Resp:	146819
Ion	Ratio	Lower	Upper
165	100		
63	47.6	36.6	54.8
89	70.0	55.4	83.0
182	2.3	1.8	2.6



#58
Fluorene
Concen: 45.703 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:	166	Resp:	423905
Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.0	120.0
167	13.7	11.3	16.9



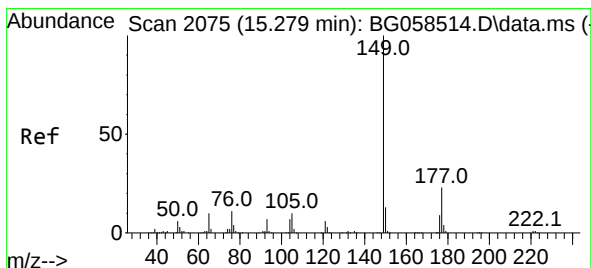
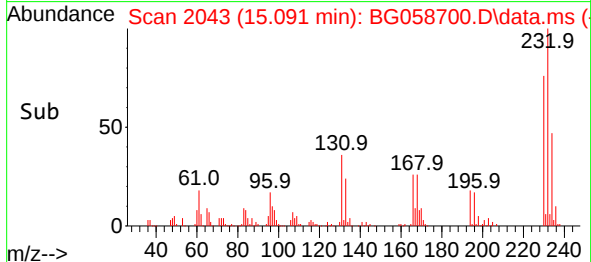
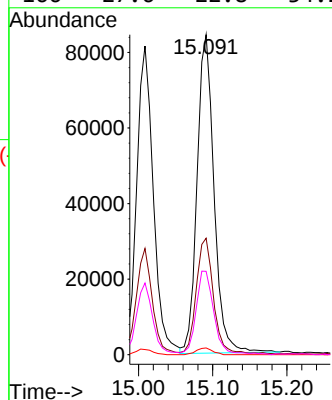
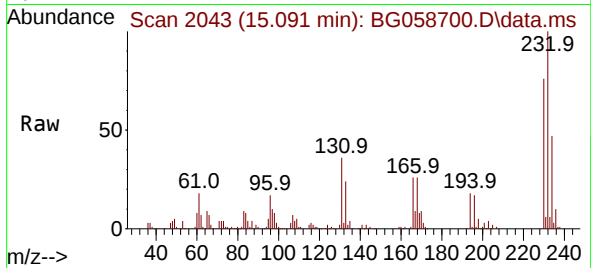


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.090 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Instrument :
BNA_G
ClientSampleId :
PB154732BSD

Tgt Ion:232 Resp: 133881

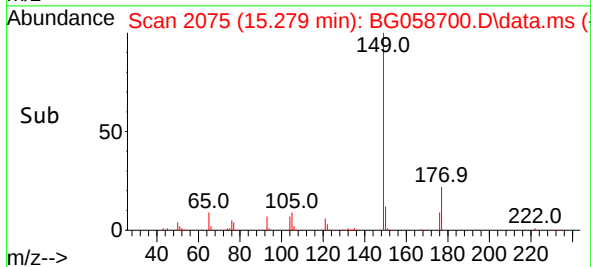
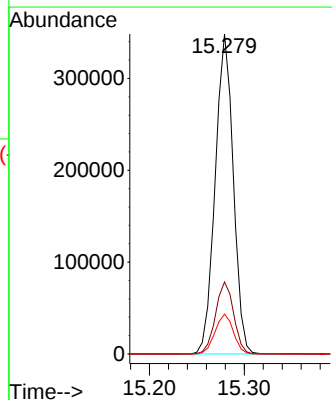
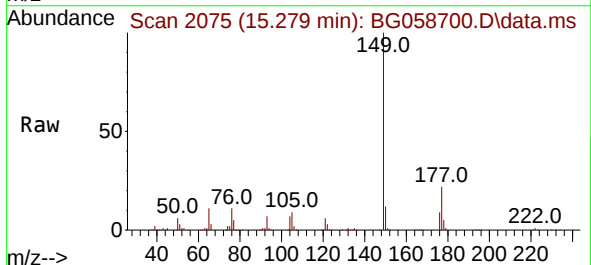
Ion	Ratio	Lower	Upper
232	100		
131	36.0	30.0	45.0
130	2.1	1.5	2.3
166	27.6	22.8	34.2



#60
Diethylphthalate
Concen: 46.110 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:149 Resp: 462768

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.4
150	12.5	10.2	15.4

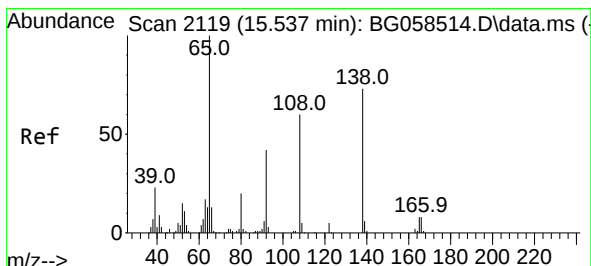
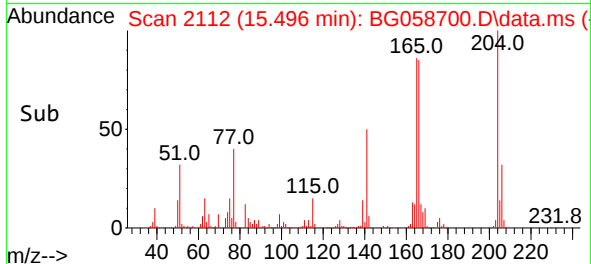
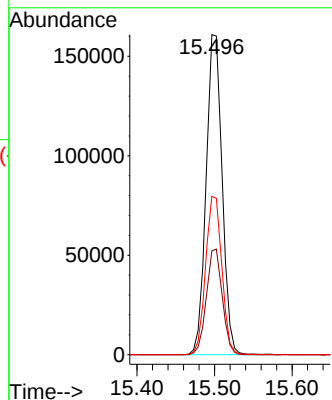
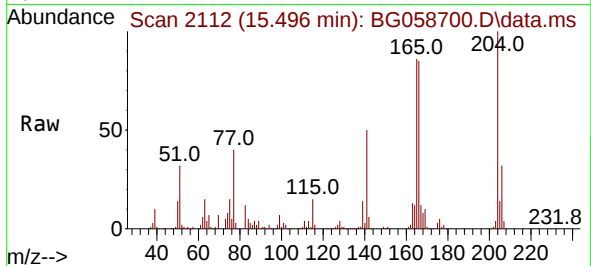




#61
4-Chlorophenyl-phenylether
Concen: 44.871 ng
RT: 15.496 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

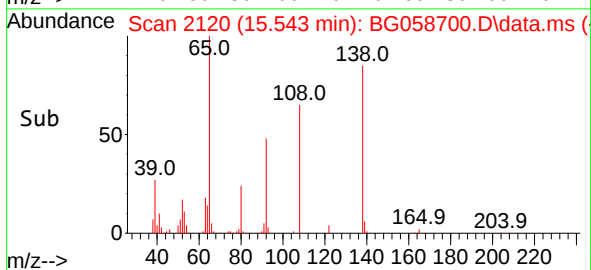
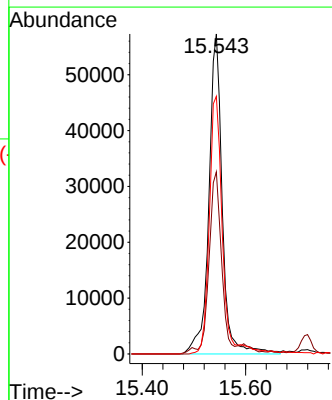
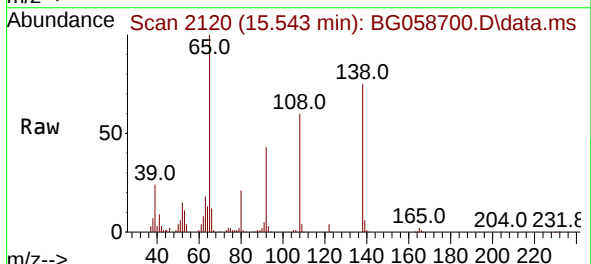
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

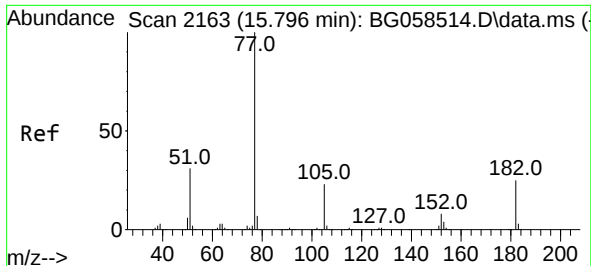
Tgt Ion:204 Resp: 232030
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 49.5 40.8 61.2



#62
4-Nitroaniline
Concen: 50.359 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:138 Resp: 103169
Ion Ratio Lower Upper
138 100
92 56.9 37.3 77.3
108 80.5 62.6 102.6

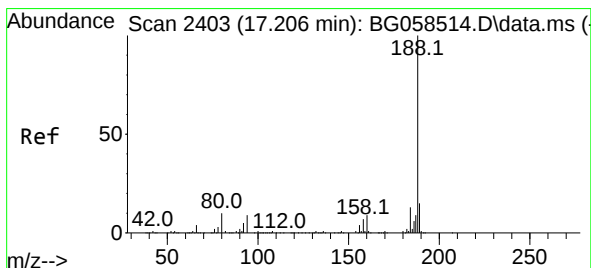
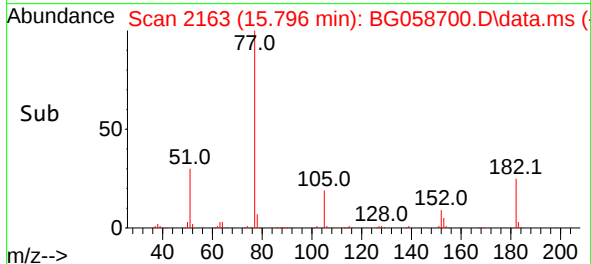
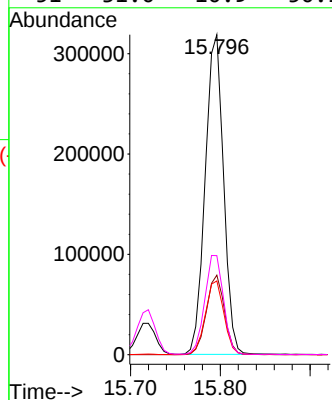
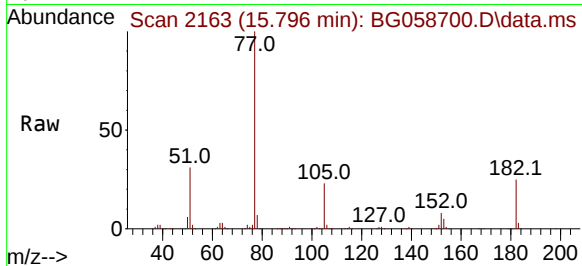




#63
Azobenzene
Concen: 45.731 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

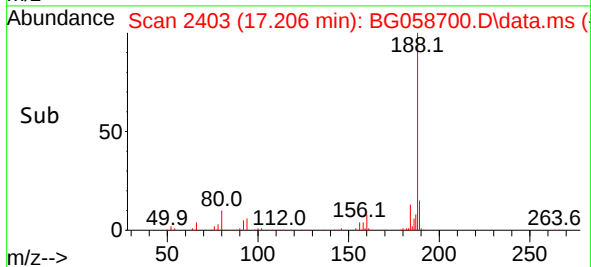
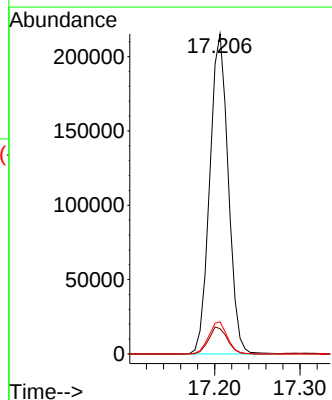
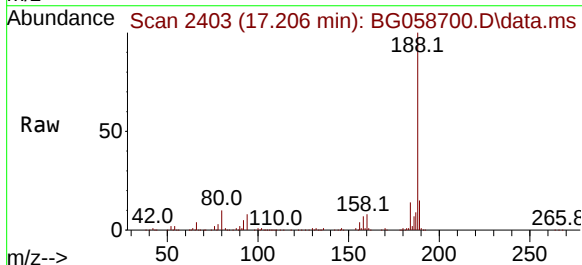
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

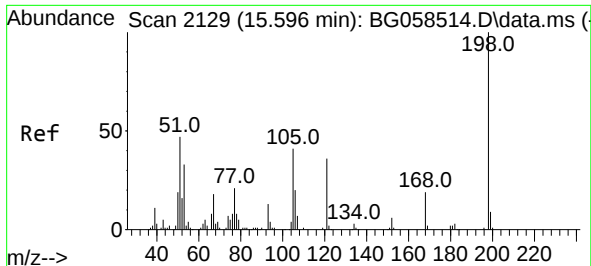
Tgt Ion:	77	Resp:	452056
Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.6	44.6
105	23.0	3.3	43.3
51	31.0	10.9	50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:	188	Resp:	323589
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	10.1	8.1	12.1

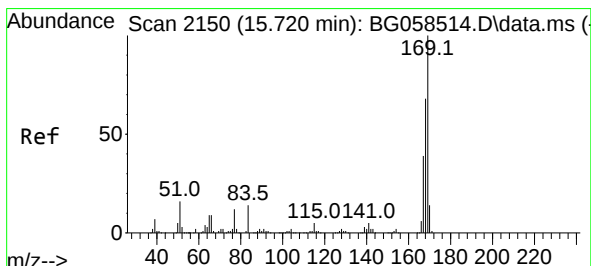
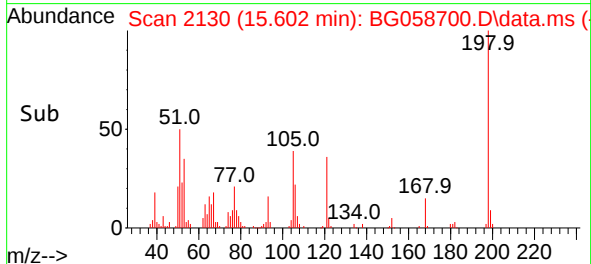
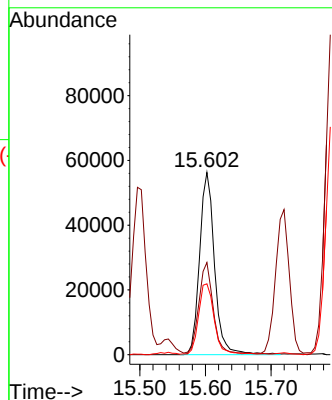
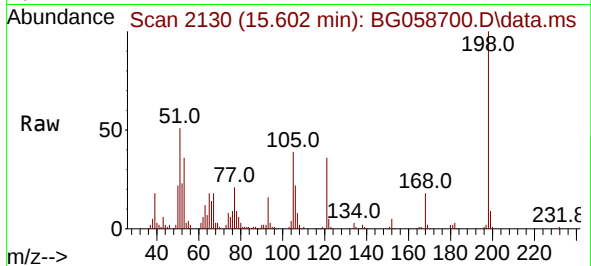




#65
4,6-Dinitro-2-methylphenol
Concen: 50.145 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

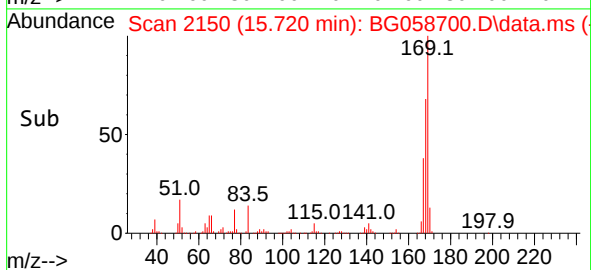
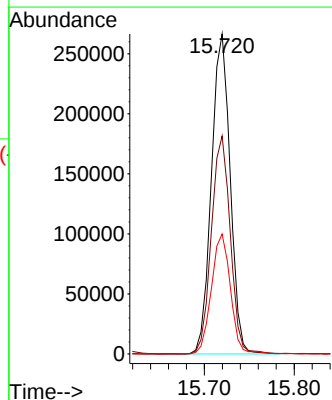
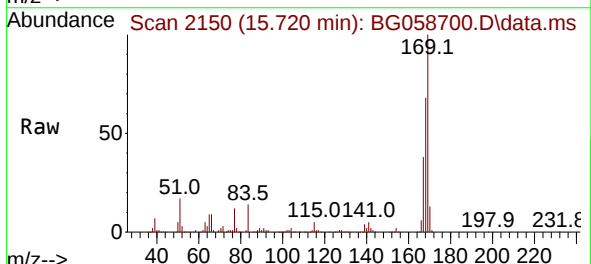
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

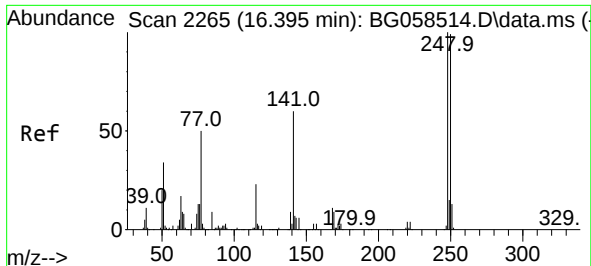
Tgt Ion:198 Resp: 89471
Ion Ratio Lower Upper
198 100
51 50.5 29.3 69.3
105 38.9 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 45.884 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:169 Resp: 386442
Ion Ratio Lower Upper
169 100
168 68.1 54.6 82.0
167 37.5 31.3 46.9

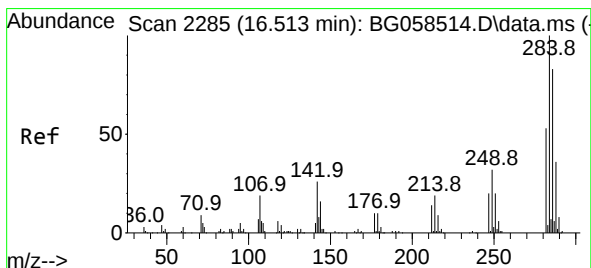
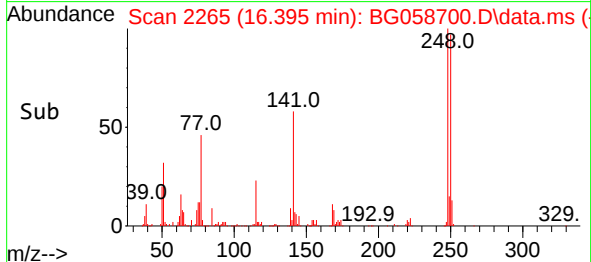
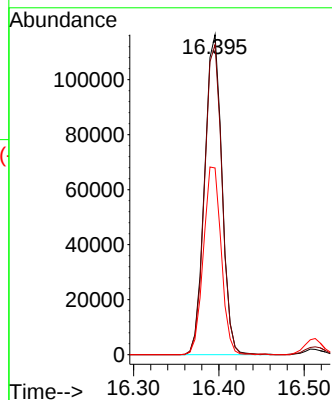
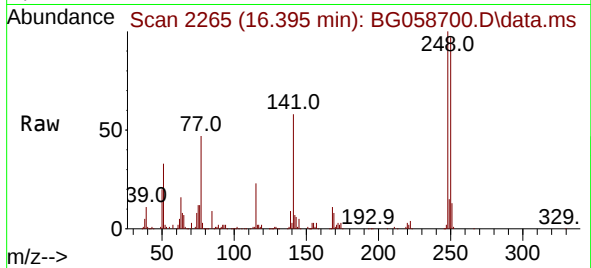




#67
4-Bromophenyl-phenylether
Concen: 44.819 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

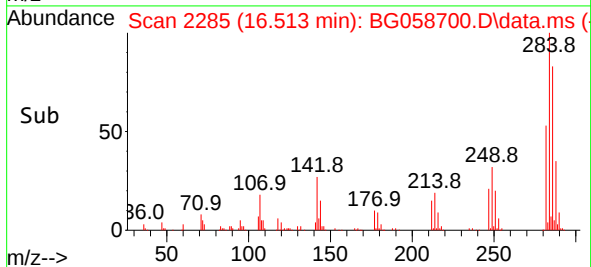
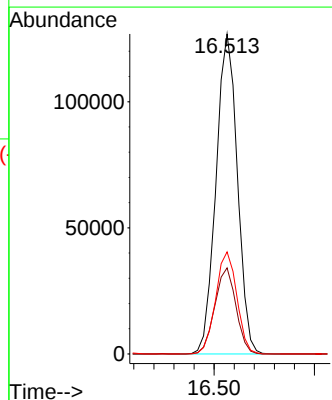
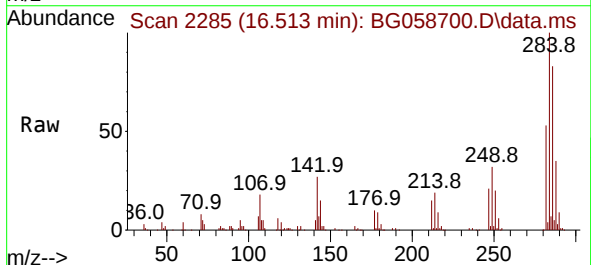
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

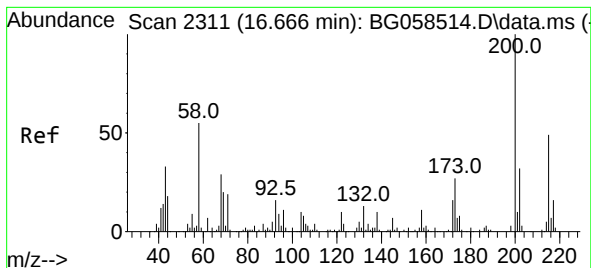
Tgt Ion:248 Resp: 164494
Ion Ratio Lower Upper
248 100
250 96.9 79.5 119.3
141 58.4 48.2 72.2



#68
Hexachlorobenzene
Concen: 48.088 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:284 Resp: 187021
Ion Ratio Lower Upper
284 100
142 26.9 21.0 31.4
249 31.9 25.5 38.3





#69

Atrazine

Concen: 55.786 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

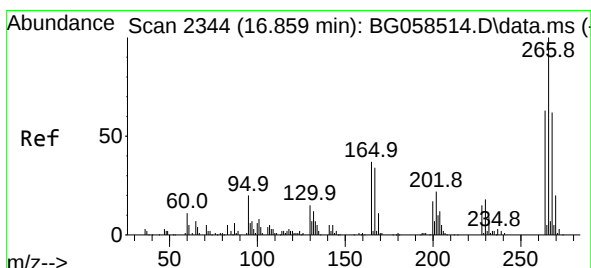
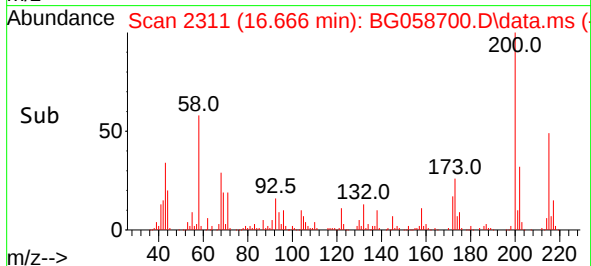
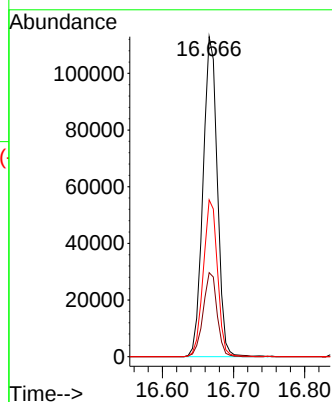
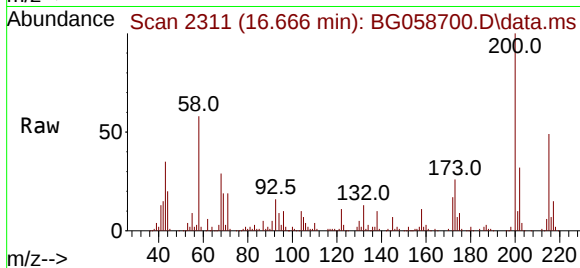
Tgt Ion:200 Resp: 158606

Ion Ratio Lower Upper

200 100

173 26.3 6.5 46.5

215 49.0 28.9 68.9



#70

Pentachlorophenol

Concen: 77.262 ng

RT: 16.860 min Scan# 2344

Delta R.T. 0.001 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

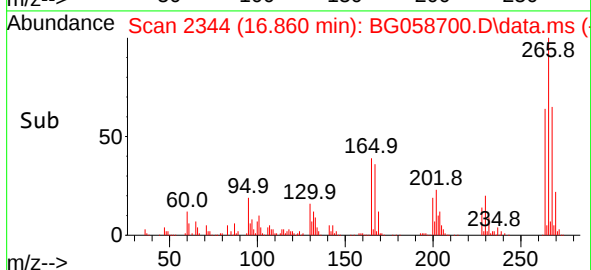
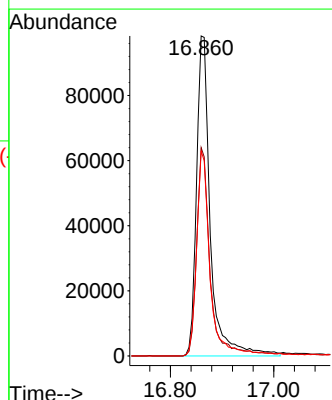
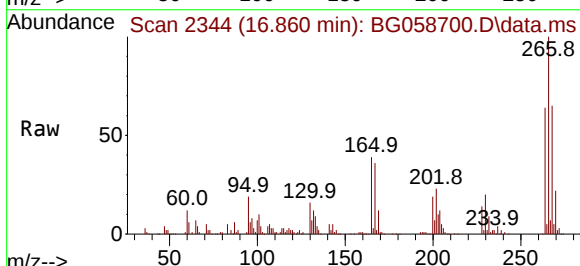
Tgt Ion:266 Resp: 181875

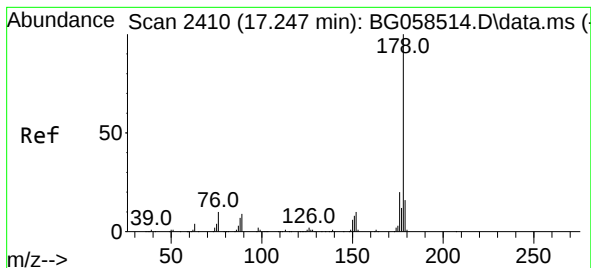
Ion Ratio Lower Upper

266 100

268 65.1 49.9 74.9

264 64.0 50.2 75.4





#71

Phenanthrene

Concen: 46.071 ng

RT: 17.247 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

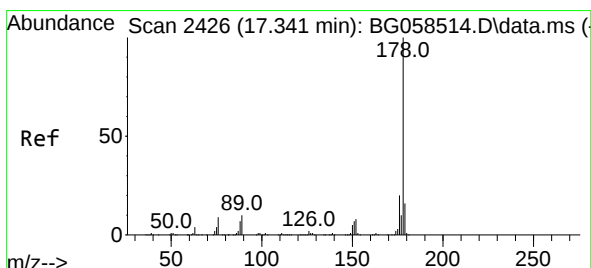
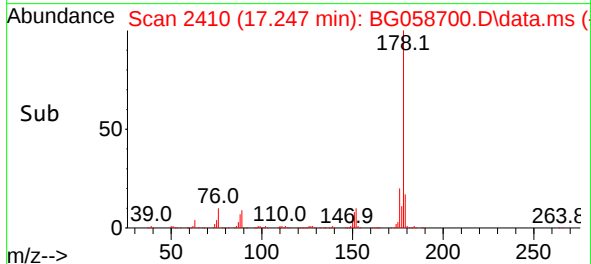
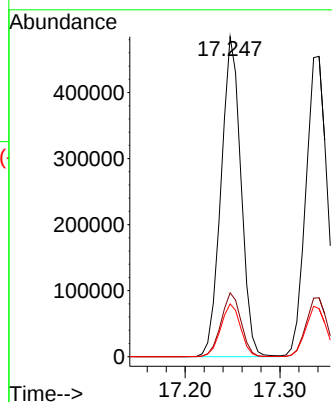
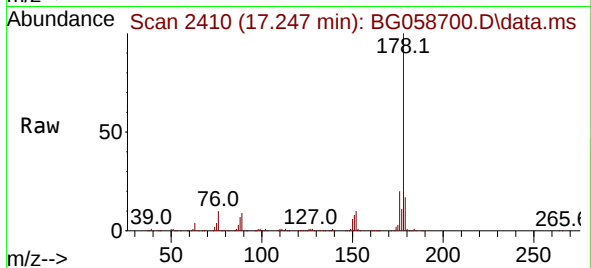
Tgt Ion:178 Resp: 707009

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

179 16.5 13.1 19.7



#72

Anthracene

Concen: 45.358 ng

RT: 17.341 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

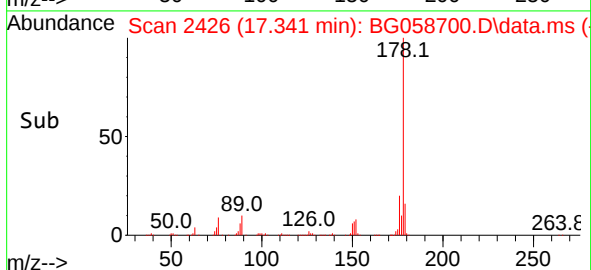
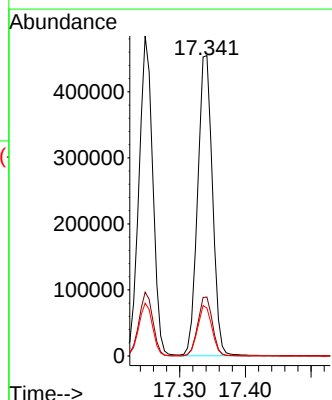
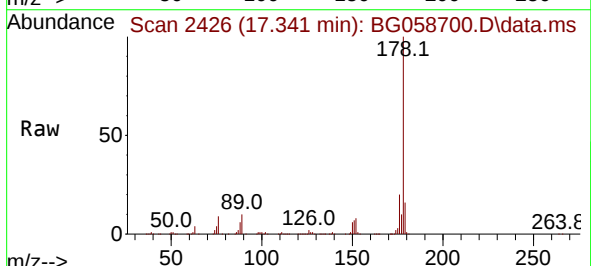
Tgt Ion:178 Resp: 714210

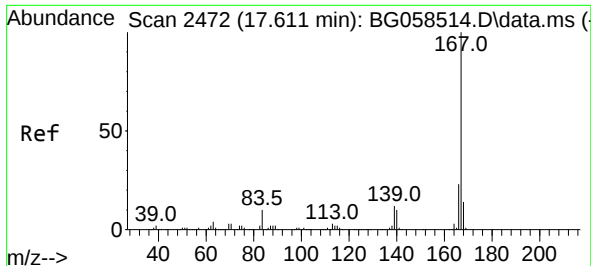
Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 16.0 12.9 19.3

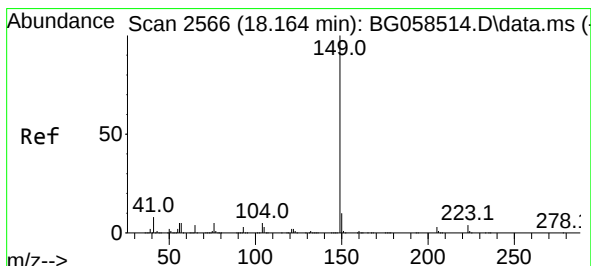
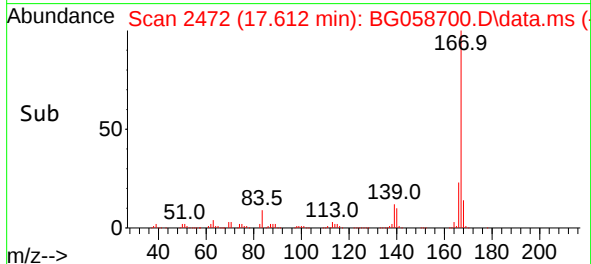
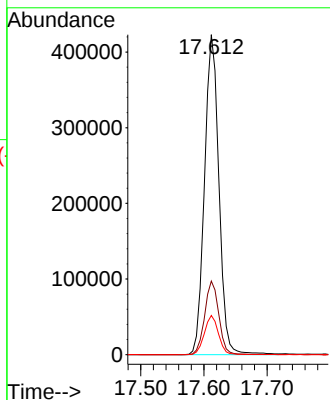
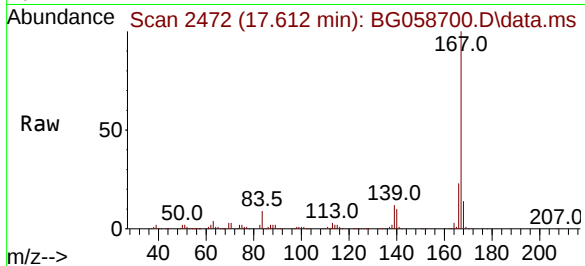




#73
 Carbazole
 Concen: 48.299 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058700.D
 Acq: 11 Aug 2023 12:28

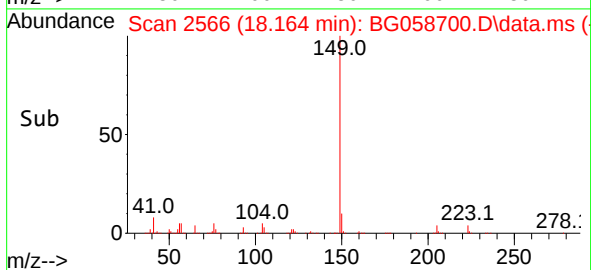
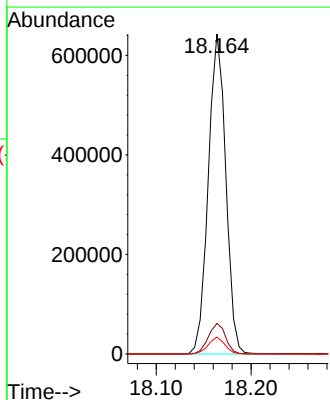
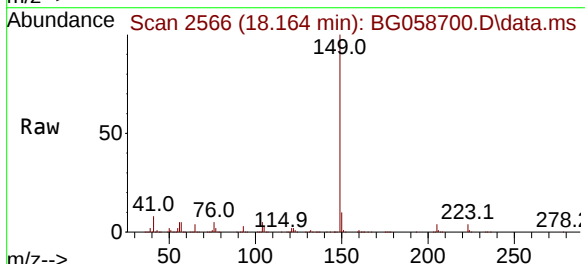
Instrument :
 BNA_G
 ClientSampleId :
 PB154732BSD

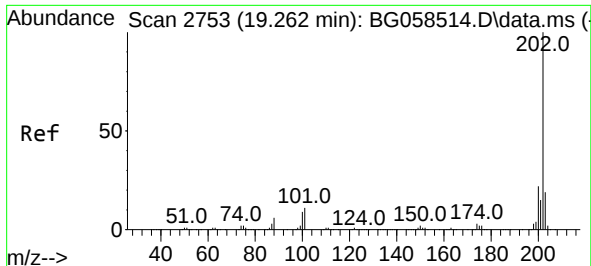
Tgt Ion:167 Resp: 670658
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 47.365 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058700.D
 Acq: 11 Aug 2023 12:28

Tgt Ion:149 Resp: 823785
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.3 4.0 6.0

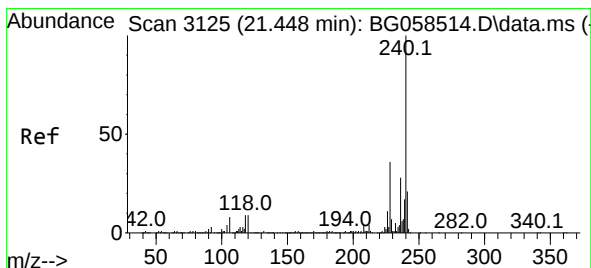
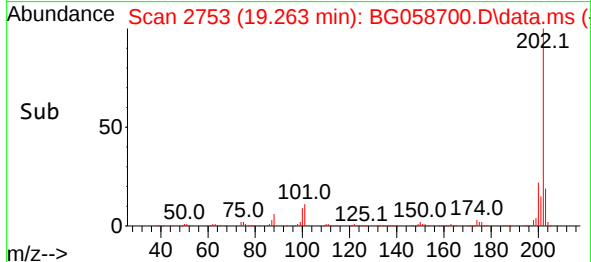
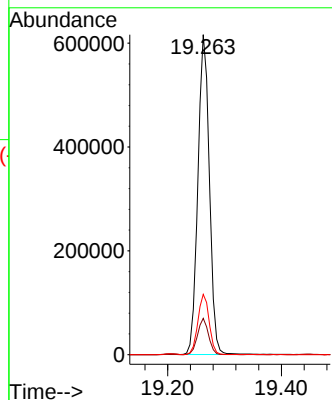
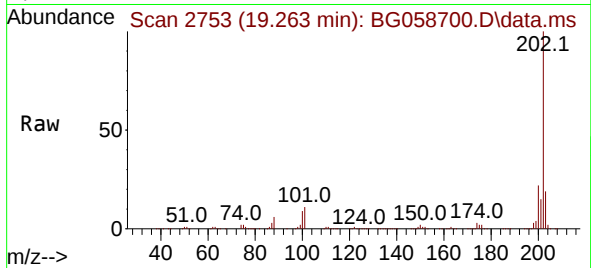




#75
Fluoranthene
Concen: 47.044 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

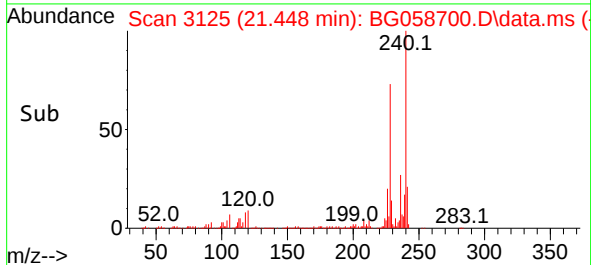
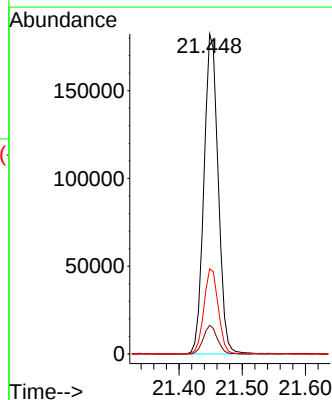
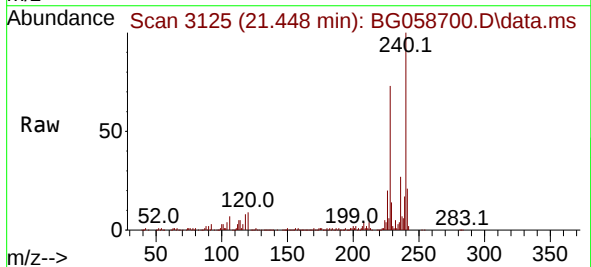
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

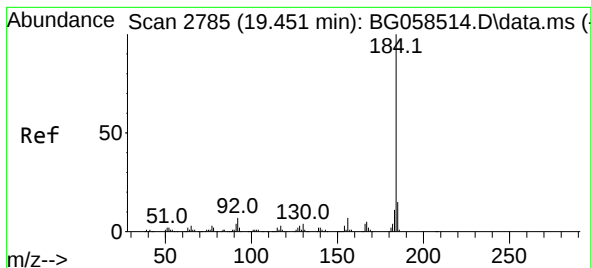
Tgt Ion:202 Resp: 867203
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.9 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:240 Resp: 284706
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.6 22.2 33.4





#77

Benzidine

Concen: 67.935 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

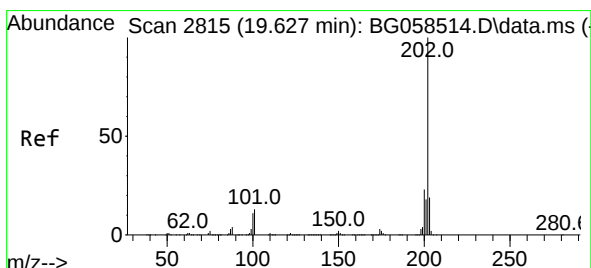
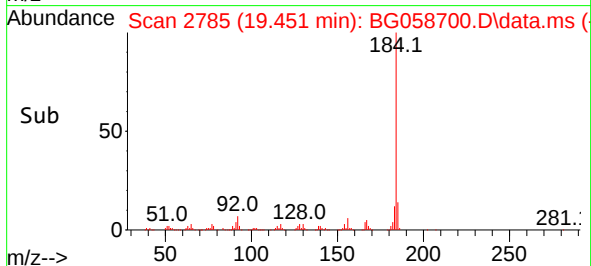
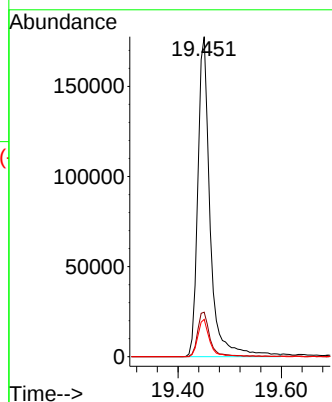
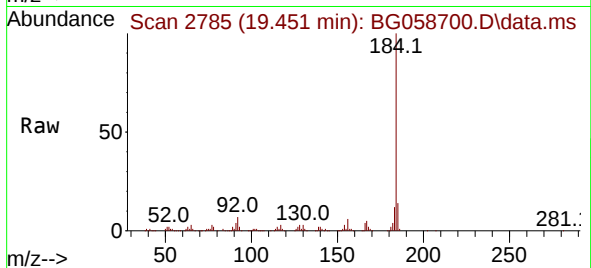
Tgt Ion:184 Resp: 293294

Ion Ratio Lower Upper

184 100

185 13.9 11.9 17.9

183 11.7 8.7 13.1



#78

Pyrene

Concen: 46.320 ng

RT: 19.627 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

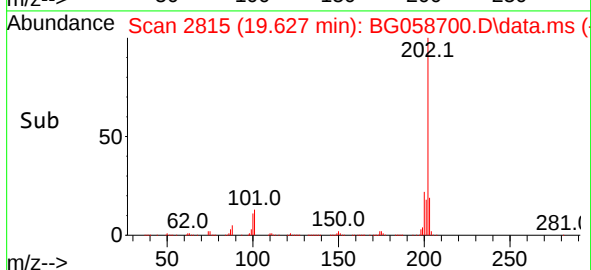
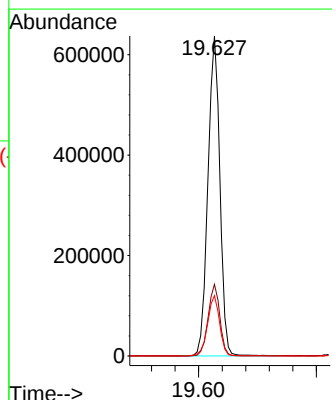
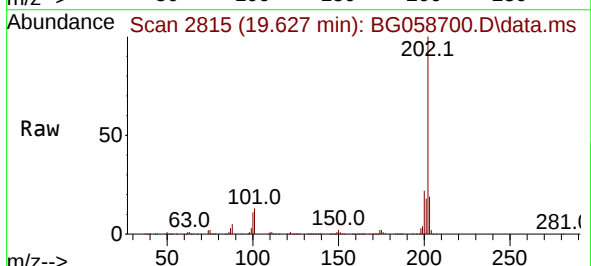
Tgt Ion:202 Resp: 897482

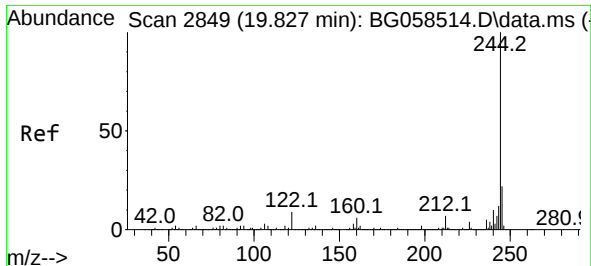
Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

203 18.9 15.1 22.7

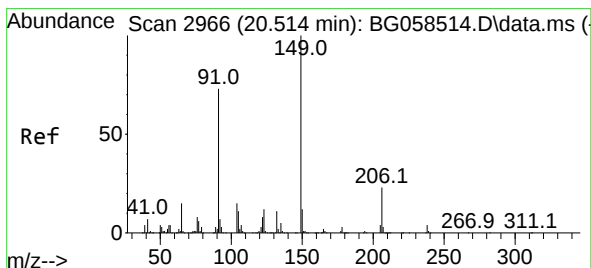
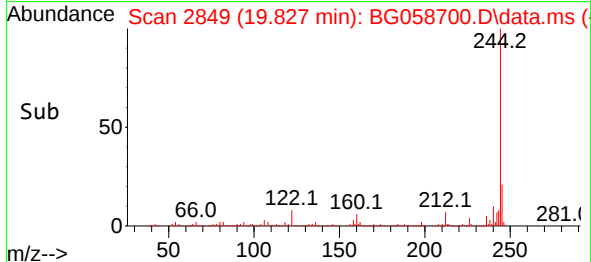
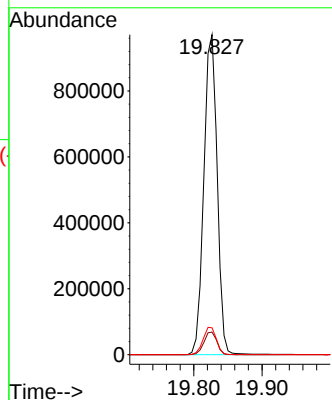
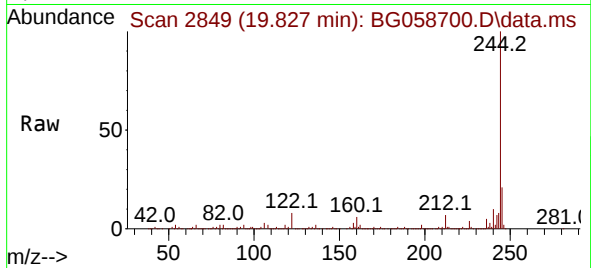




#79
 Terphenyl-d14
 Concen: 87.181 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058700.D
 Acq: 11 Aug 2023 12:28

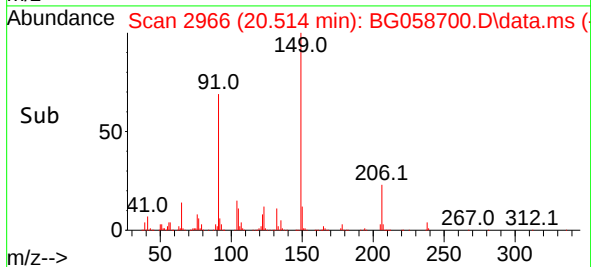
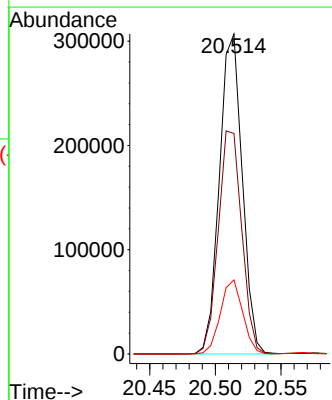
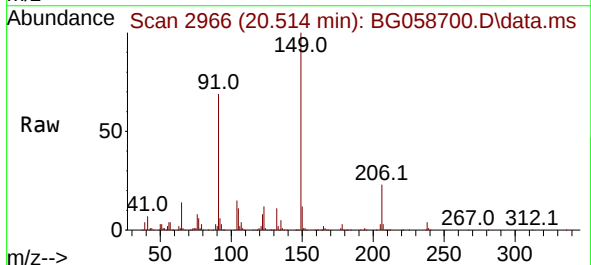
Instrument :
 BNA_G
 ClientSampleId :
 PB154732BSD

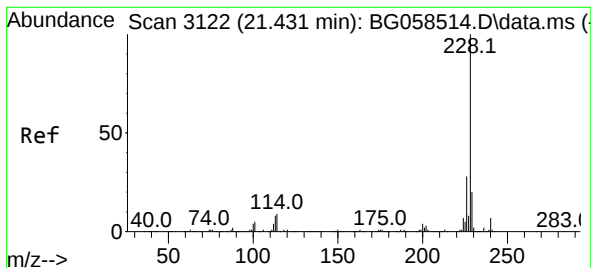
Tgt Ion:244 Resp: 1319895
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.4 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 46.589 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058700.D
 Acq: 11 Aug 2023 12:28

Tgt Ion:149 Resp: 370792
 Ion Ratio Lower Upper
 149 100
 91 68.9 58.4 87.6
 206 23.1 18.3 27.5





#81

Benzo(a)anthracene

Concen: 47.092 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

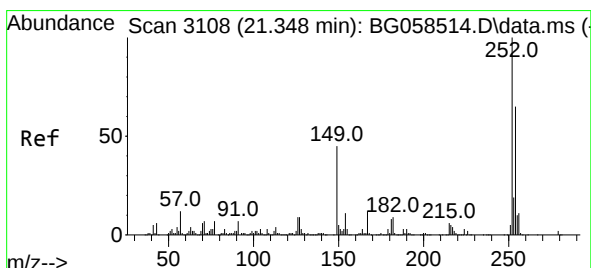
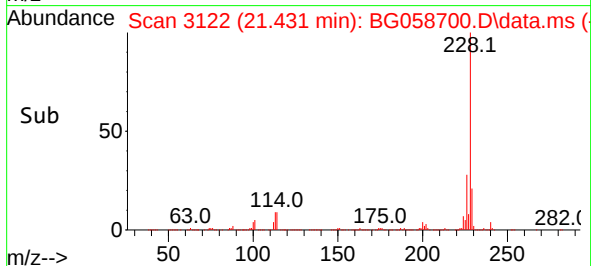
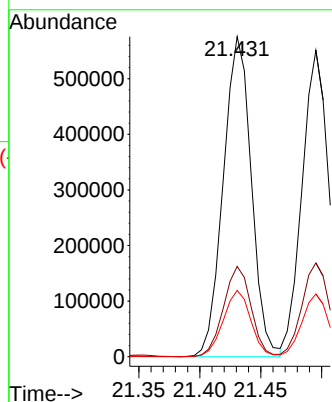
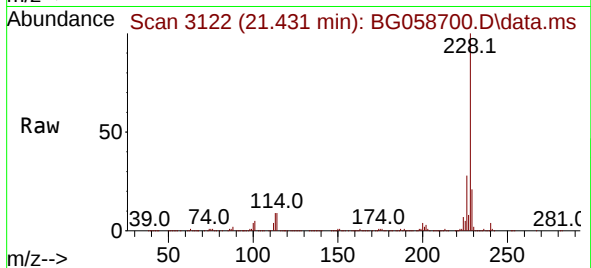
Tgt Ion:228 Resp: 922687

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 20.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.449 ng

RT: 21.354 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

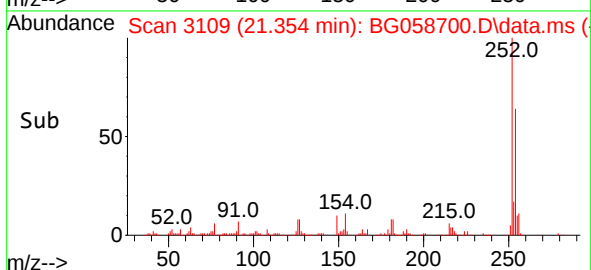
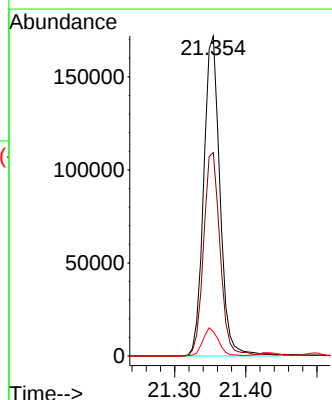
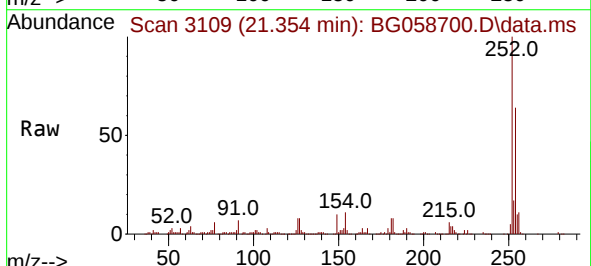
Tgt Ion:252 Resp: 274584

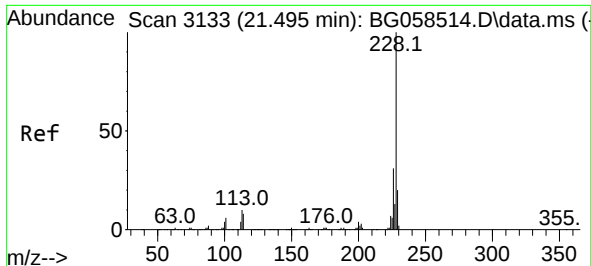
Ion Ratio Lower Upper

252 100

254 63.5 52.2 78.4

126 7.6 7.2 10.8

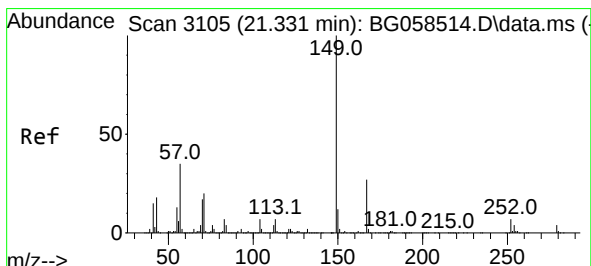
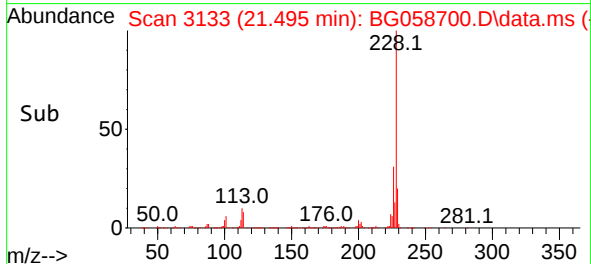
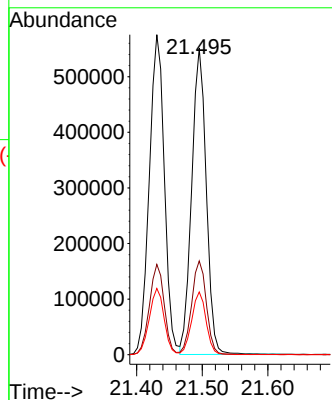
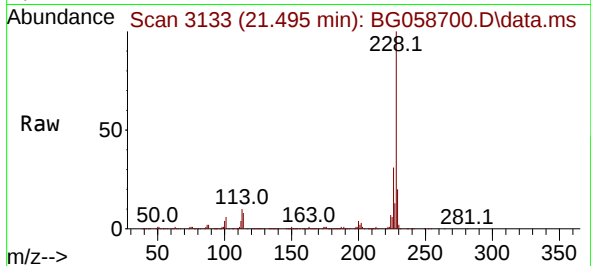




#83
Chrysene
Concen: 45.224 ng
RT: 21.495 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

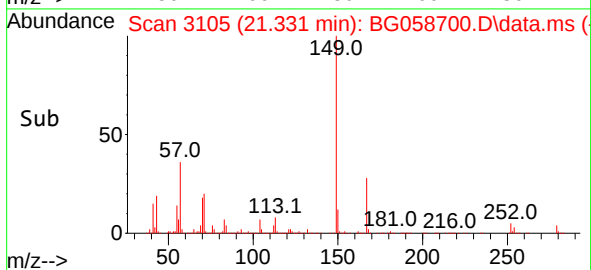
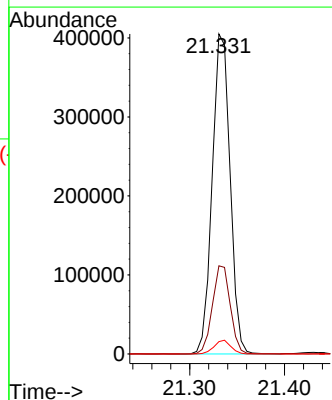
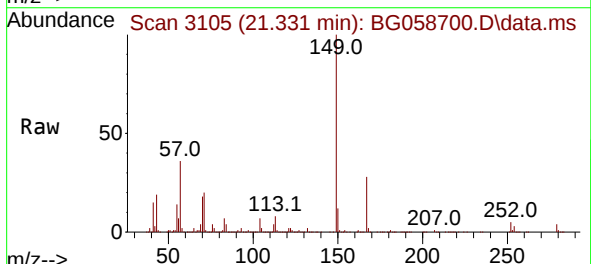
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

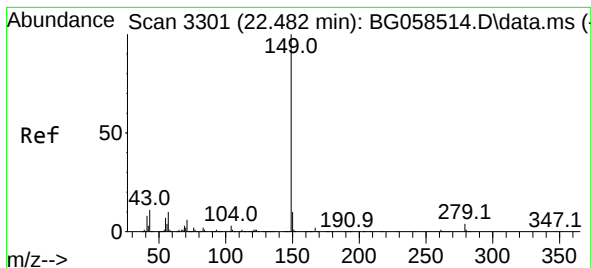
Tgt Ion:228 Resp: 849568
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 20.5 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.488 ng
RT: 21.331 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:149 Resp: 529045
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.8
279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.847 ng

RT: 22.482 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

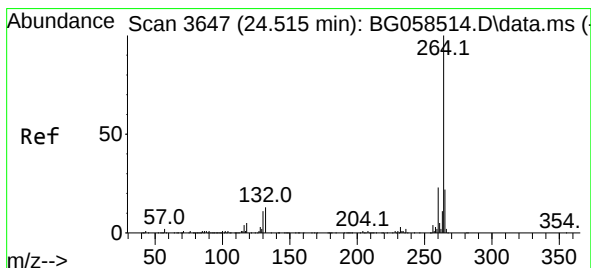
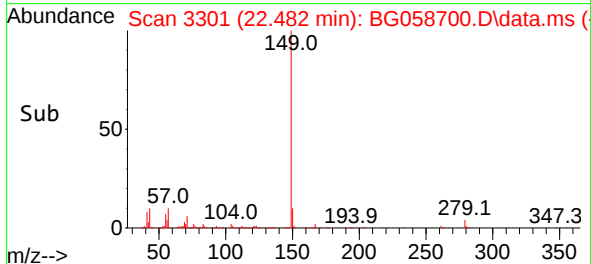
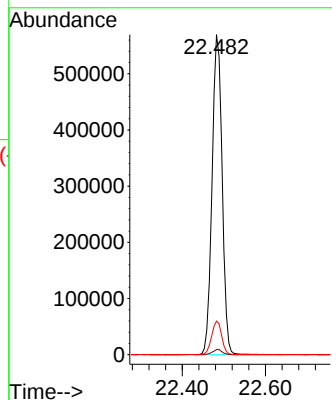
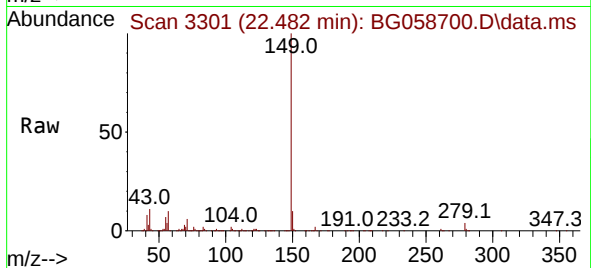
Tgt Ion:149 Resp: 957916

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

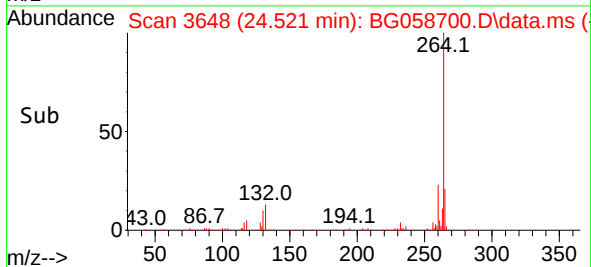
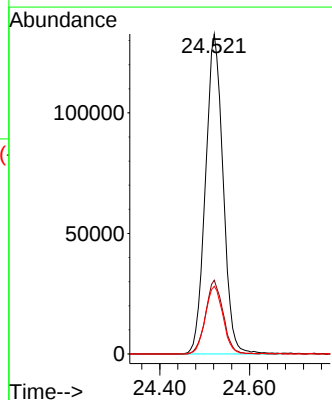
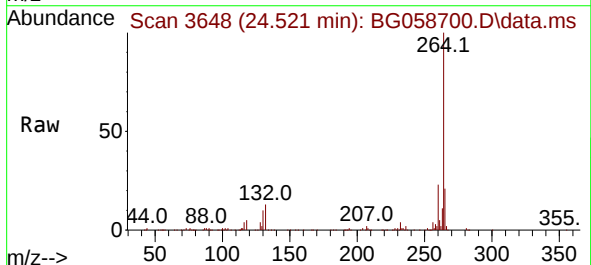
Tgt Ion:264 Resp: 361079

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.572 ng

RT: 28.029 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

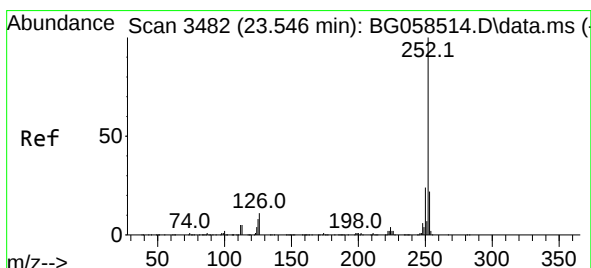
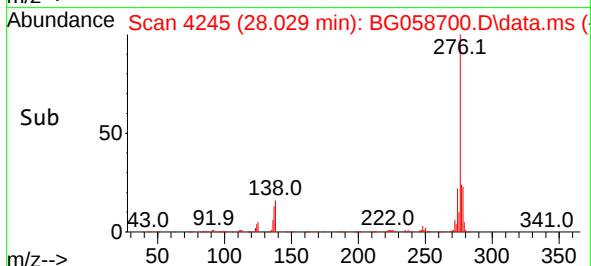
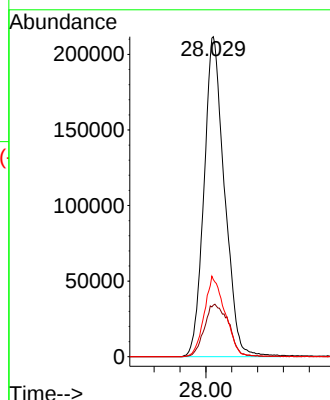
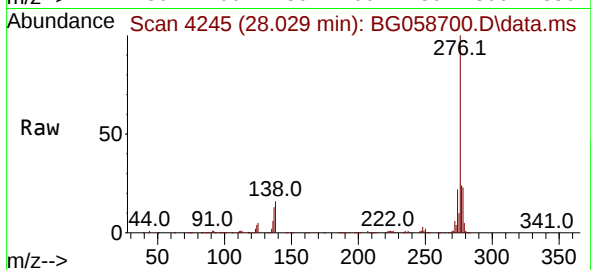
Tgt Ion:276 Resp: 1166772

Ion Ratio Lower Upper

276 100

138 19.3 16.0 24.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.699 ng

RT: 23.552 min Scan# 3483

Delta R.T. 0.006 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

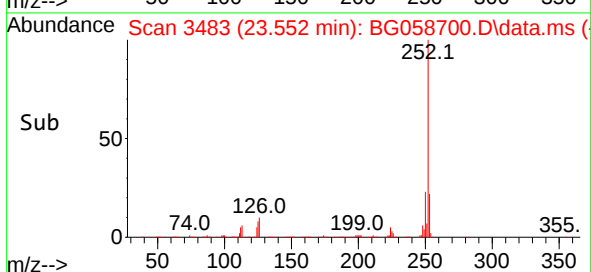
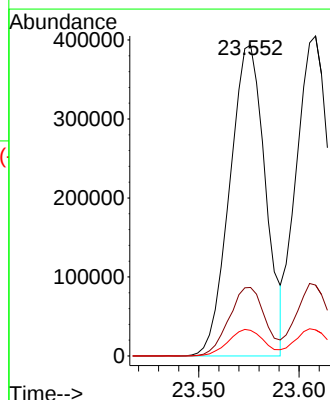
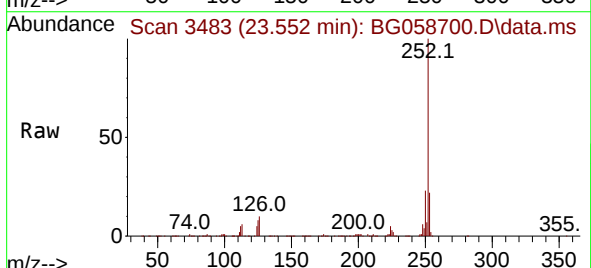
Tgt Ion:252 Resp: 973306

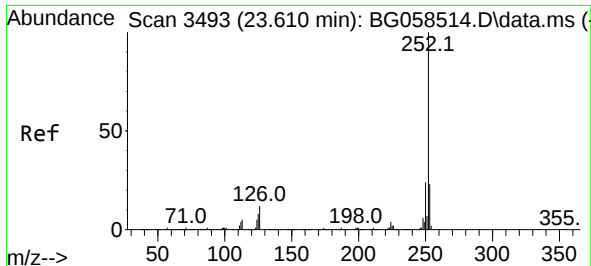
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 8.2 6.6 9.8

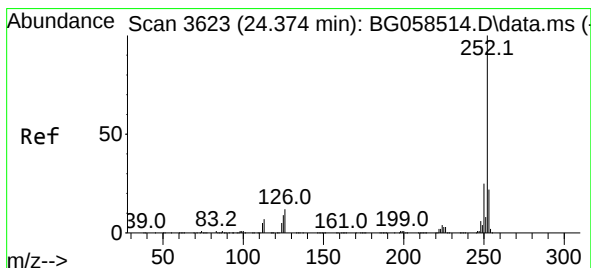
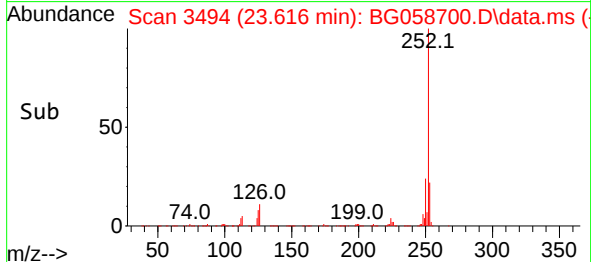
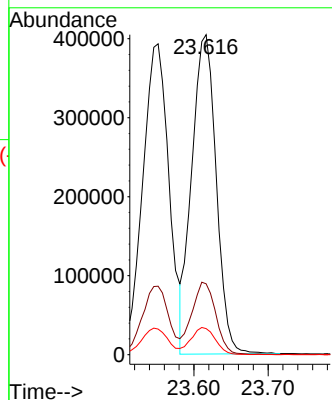
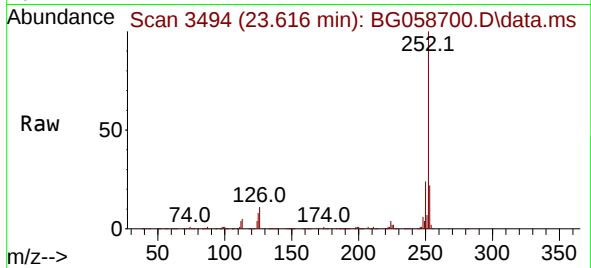




#89
Benzo(k)fluoranthene
Concen: 47.099 ng
RT: 23.616 min Scan# 3494
Delta R.T. 0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

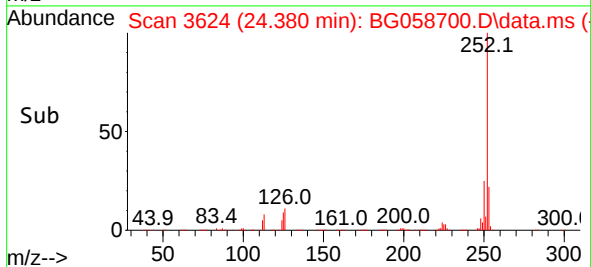
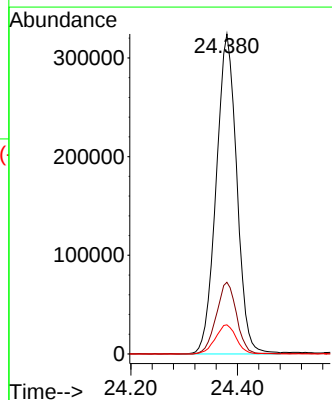
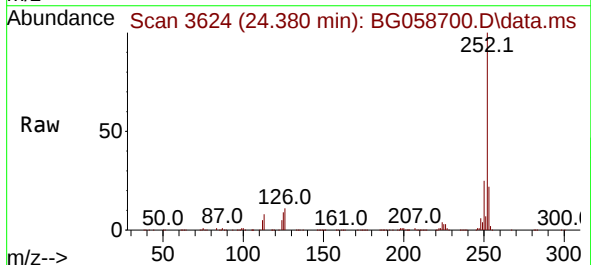
Instrument :
BNA_G
ClientSampleId :
PB154732BSD

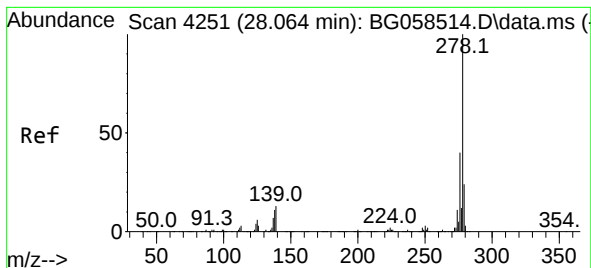
Tgt Ion:252 Resp: 926632
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.2 6.6 10.0



#90
Benzo(a)pyrene
Concen: 45.186 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058700.D
Acq: 11 Aug 2023 12:28

Tgt Ion:252 Resp: 869062
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.1 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 48.840 ng

RT: 28.082 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Instrument :

BNA_G

ClientSampleId :

PB154732BSD

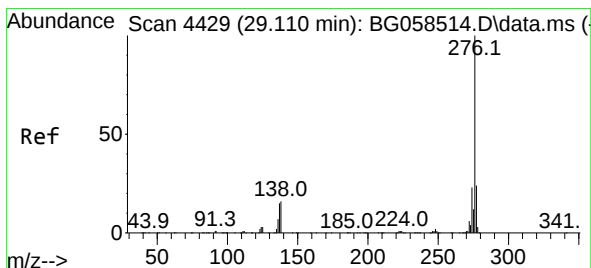
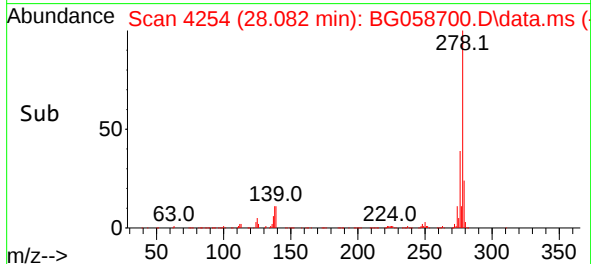
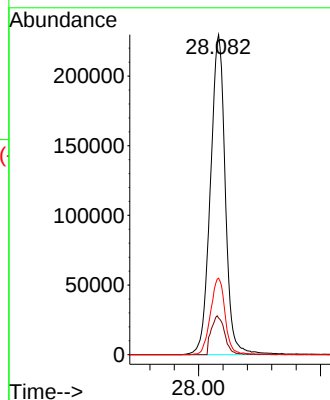
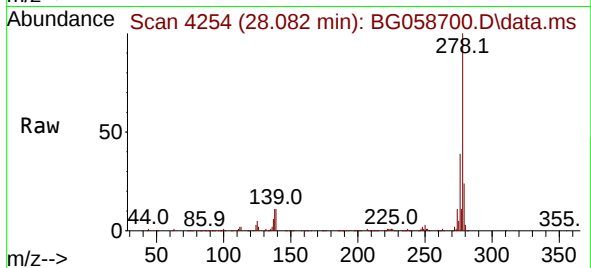
Tgt Ion:278 Resp: 970074

Ion Ratio Lower Upper

278 100

139 11.5 10.4 15.6

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.880 ng

RT: 29.128 min Scan# 4432

Delta R.T. 0.018 min

Lab File: BG058700.D

Acq: 11 Aug 2023 12:28

Tgt Ion:276 Resp: 933720

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 15.9 13.0 19.4

