

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058750.D
 Acq On : 16 Aug 2023 16:06
 Operator : MA/JU
 Sample : PB154620BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154620BS

Quant Time: Aug 16 16:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	27895	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	124217	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	93517	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	231835	20.000	ng	0.00
76) Chrysene-d12	21.452	240	188915	20.000	ng	0.00
86) Perylene-d12	24.519	264	244556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	242499	132.873	ng	0.00
7) Phenol-d6	6.986	99	336559	132.529	ng	0.00
23) Nitrobenzene-d5	8.978	82	211122	83.494	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	183043	119.417	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	498225	79.840	ng	0.00
79) Terphenyl-d14	19.824	244	908762	90.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	26359	29.806	ng	# 87
3) Pyridine	3.661	79	69261	28.726	ng	# 79
4) n-Nitrosodimethylamine	3.579	42	47820	46.810	ng	# 80
6) Aniline	7.139	93	125174	40.035	ng	96
8) 2-Chlorophenol	7.374	128	90590	50.597	ng	95
9) Benzaldehyde	6.951	77	53537	38.803	ng	99
10) Phenol	7.010	94	124567	50.214	ng	93
11) bis(2-Chloroethyl)ether	7.233	93	85421	43.678	ng	88
12) 1,3-Dichlorobenzene	7.697	146	87138	45.578	ng	95
13) 1,4-Dichlorobenzene	7.844	146	89111	46.421	ng	97
14) 1,2-Dichlorobenzene	8.161	146	87181	47.502	ng	98
15) Benzyl Alcohol	8.056	79	92502	57.437	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.338	45	180222	56.730	ng	94
17) 2-Methylphenol	8.261	107	85109	46.922	ng	94
18) Hexachloroethane	8.890	117	32650	46.794	ng	93
19) n-Nitroso-di-n-propyla...	8.620	70	76125	46.408	ng	89
20) 3+4-Methylphenols	8.590	107	117874	48.043	ng	99
22) Acetophenone	8.637	105	145868	43.856	ng	# 96
24) Nitrobenzene	9.019	77	110672	43.053	ng	95
25) Isophorone	9.536	82	220031	42.115	ng	100
26) 2-Nitrophenol	9.730	139	50366	45.010	ng	# 90
27) 2,4-Dimethylphenol	9.789	122	84334	45.436	ng	98
28) bis(2-Chloroethoxy)met...	10.024	93	120431	42.358	ng	96
29) 2,4-Dichlorophenol	10.265	162	92795	48.151	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	99619	44.823	ng	99
31) Naphthalene	10.664	128	278636	42.560	ng	99
32) Benzoic acid	9.965	122	48408	35.478	ng	96
33) 4-Chloroaniline	10.776	127	101448	36.675	ng	99
34) Hexachlorobutadiene	10.941	225	64221	44.869	ng	98
35) Caprolactam	11.563	113	23054	32.395	ng	# 58
36) 4-Chloro-3-methylphenol	11.910	107	115223	48.332	ng	98
37) 2-Methylnaphthalene	12.280	142	196005	41.853	ng	98
38) 1-Methylnaphthalene	12.498	142	192110	43.154	ng	98
40) 1,2,4,5-Tetrachloroben...	12.650	216	118498	41.273	ng	98
41) Hexachlorocyclopentadiene	12.621	237	100914	76.043	ng	95
43) 2,4,6-Trichlorophenol	12.891	196	85446	43.269	ng	96

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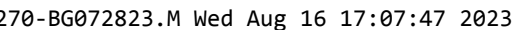
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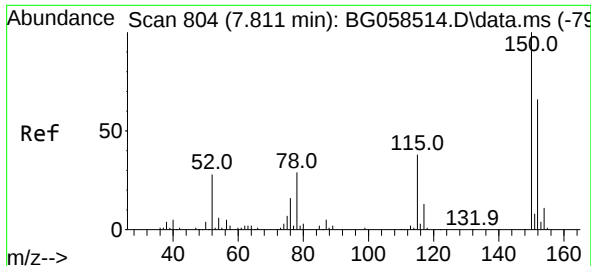
Quant Time: Aug 16 16:40:11 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	95187	40.924	ng	96
46) 1,1'-Biphenyl	13.291	154	271786	42.319	ng	99
47) 2-Chloronaphthalene	13.338	162	217120	43.359	ng	98
48) 2-Nitroaniline	13.549	65	87381	45.718	ng	99
49) Acenaphthylene	14.184	152	364154	43.436	ng	98
50) Dimethylphthalate	13.919	163	306350	43.619	ng	99
51) 2,6-Dinitrotoluene	14.043	165	68329	44.339	ng	95
52) Acenaphthene	14.525	154	206003	42.525	ng	97
53) 3-Nitroaniline	14.378	138	56668	36.754	ng #	97
54) 2,4-Dinitrophenol	14.595	184	76417	87.220	ng	93
55) Dibenzofuran	14.859	168	353637	42.484	ng	97
56) 4-Nitrophenol	14.695	139	97580	85.186	ng	86
57) 2,4-Dinitrotoluene	14.836	165	98251	45.988	ng	91
58) Fluorene	15.512	166	288172	43.579	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.089	232	86446	43.554	ng	98
60) Diethylphthalate	15.282	149	319363	44.635	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	157547	42.735	ng	98
62) 4-Nitroaniline	15.541	138	68190	46.688	ng	92
63) Azobenzene	15.794	77	296376	42.054	ng	97
65) 4,6-Dinitro-2-methylph...	15.606	198	60163	47.064	ng	98
66) n-Nitrosodiphenylamine	15.717	169	256541	42.516	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	109691	41.715	ng	97
68) Hexachlorobenzene	16.516	284	122940	44.122	ng	100
69) Atrazine	16.669	200	108036	53.038	ng	96
70) Pentachlorophenol	16.863	266	115901	68.722	ng	98
71) Phenanthrene	17.251	178	478789	43.547	ng	99
72) Anthracene	17.339	178	485133	43.003	ng	99
73) Carbazole	17.615	167	444200	44.651	ng	99
74) Di-n-butylphthalate	18.161	149	552902	44.372	ng	99
75) Fluoranthene	19.266	202	572411	43.342	ng	96
77) Benzidine	19.448	184	294397	102.767	ng	98
78) Pyrene	19.624	202	581656	45.241	ng	98
80) Butylbenzylphthalate	20.512	149	244289	46.258	ng	98
81) Benzo(a)anthracene	21.428	228	589393	45.335	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	207000	47.091	ng	99
83) Chrysene	21.493	228	547947	43.958	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	354209	45.898	ng	98
85) Di-n-octyl phthalate	22.480	149	624045	45.994	ng	97
87) Indeno(1,2,3-cd)pyrene	28.026	276	735756	45.223	ng	97
88) Benzo(b)fluoranthene	23.543	252	624911	47.113	ng	99
89) Benzo(k)fluoranthene	23.614	252	598180	44.891	ng	99
90) Benzo(a)pyrene	24.378	252	555659	42.657	ng	99
91) Dibenzo(a,h)anthracene	28.073	278	610882	45.410	ng	98
92) Benzo(g,h,i)perylene	29.119	276	565585	41.927	ng	97

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

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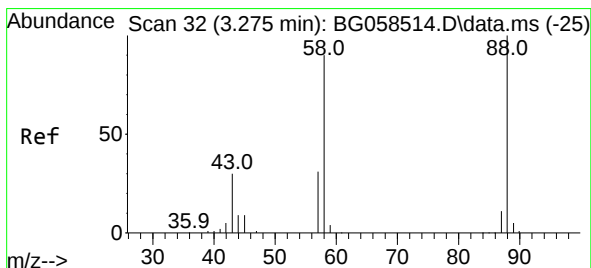
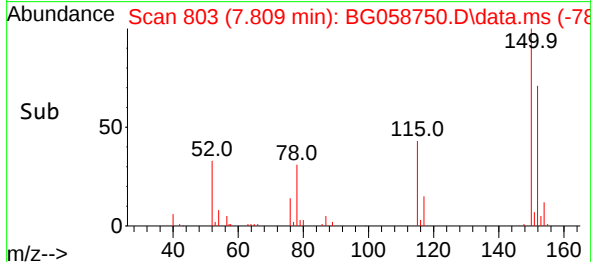
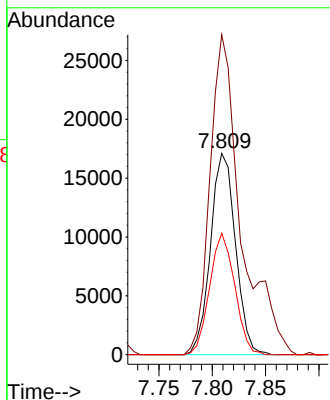
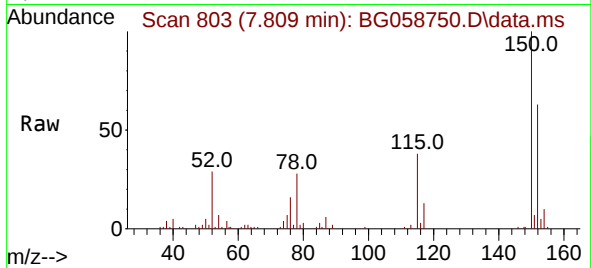




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

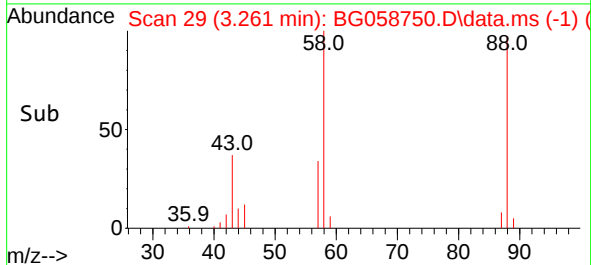
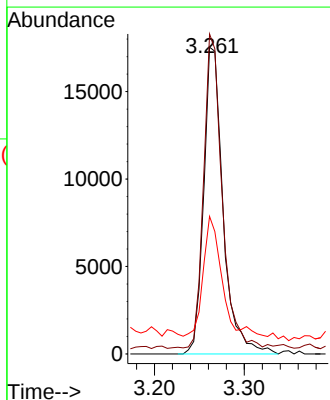
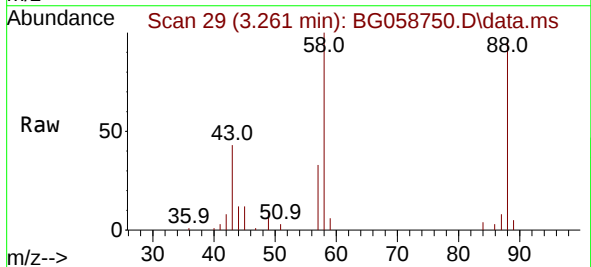
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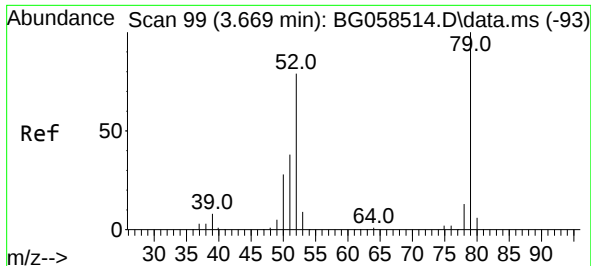
Tgt Ion:152 Resp: 27895
Ion Ratio Lower Upper
152 100
150 159.0 120.5 180.7
115 60.3 45.9 68.9



#2
1,4-Dioxane
Concen: 29.806 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 88 Resp: 26359
Ion Ratio Lower Upper
88 100
58 96.9 68.9 103.3
43 37.4 22.9 34.3#

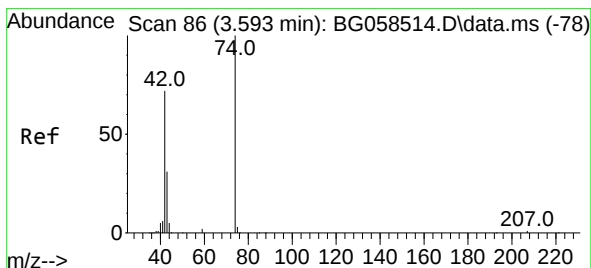
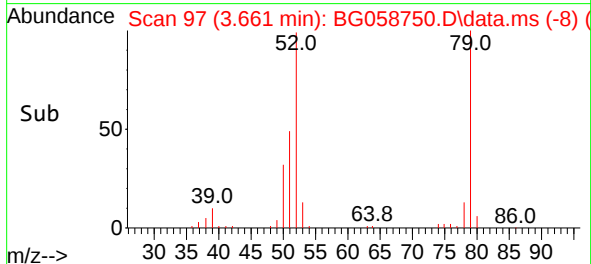
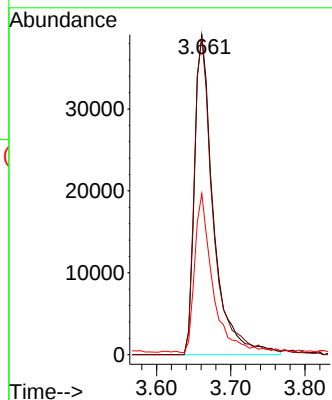
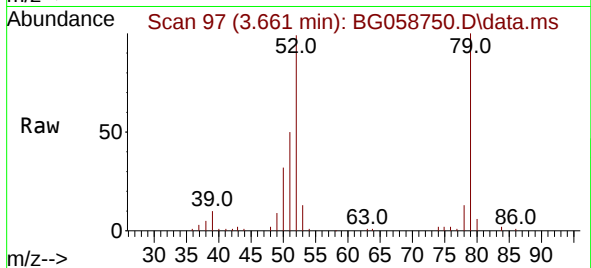




#3
 Pyridine
 Concen: 28.726 ng
 RT: 3.661 min Scan# 91
 Delta R.T. -0.008 min
 Lab File: BG058750.D
 Acq: 16 Aug 2023 16:06

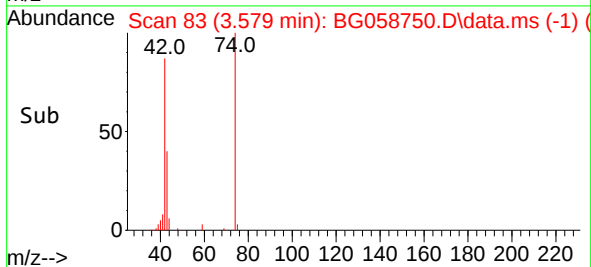
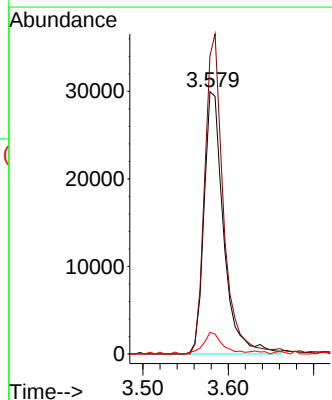
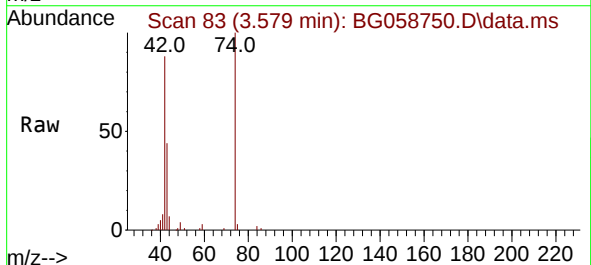
Instrument :
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 ClientSampleId :
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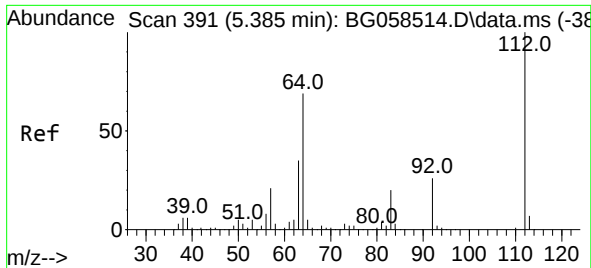
Tgt Ion: 79 Resp: 69261
 Ion Ratio Lower Upper
 79 100
 52 99.0 63.2 94.8#
 51 50.3 31.9 47.9#



#4
 n-Nitrosodimethylamine
 Concen: 46.810 ng
 RT: 3.579 min Scan# 83
 Delta R.T. -0.014 min
 Lab File: BG058750.D
 Acq: 16 Aug 2023 16:06

Tgt Ion: 42 Resp: 47820
 Ion Ratio Lower Upper
 42 100
 74 113.6 111.5 167.3
 44 8.2 5.4 8.2#

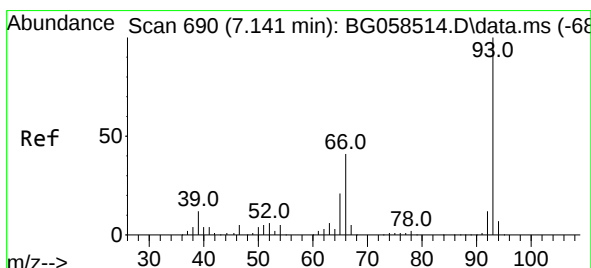
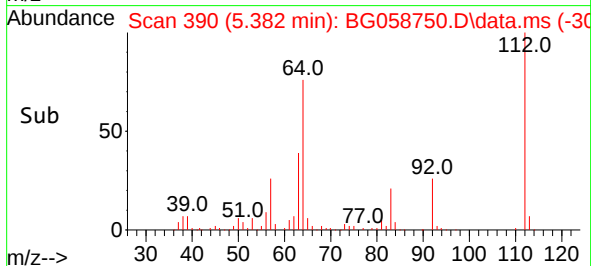
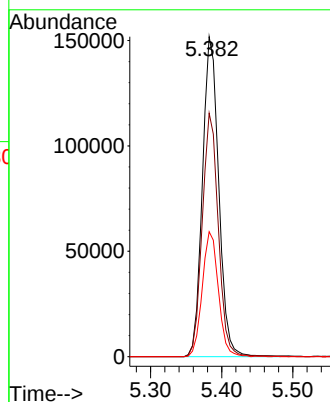
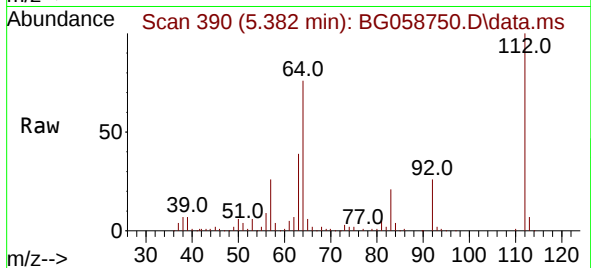




#5
2-Fluorophenol
Concen: 132.873 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

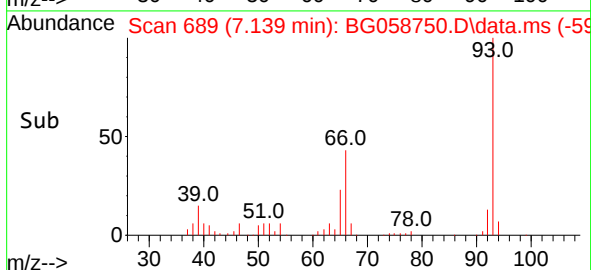
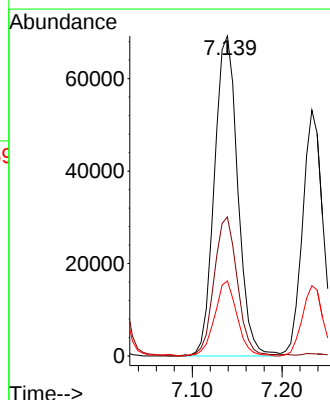
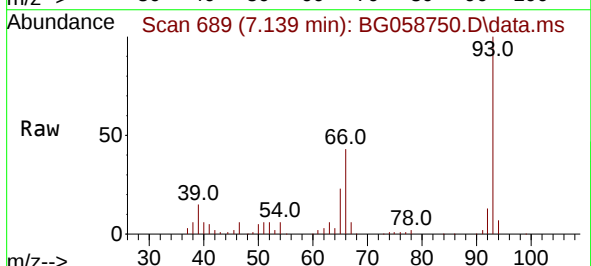
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:112 Resp: 242499
Ion Ratio Lower Upper
112 100
64 76.1 55.3 82.9
63 39.0 28.3 42.5



#6
Aniline
Concen: 40.035 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 93 Resp: 125174
Ion Ratio Lower Upper
93 100
66 43.4 33.1 49.7
65 23.4 17.0 25.4

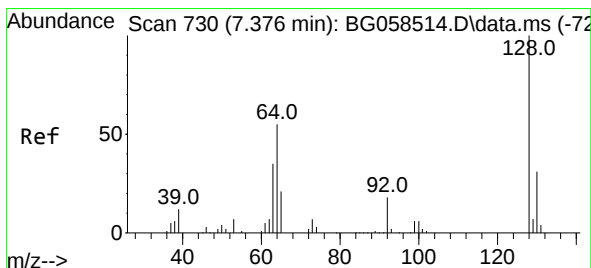
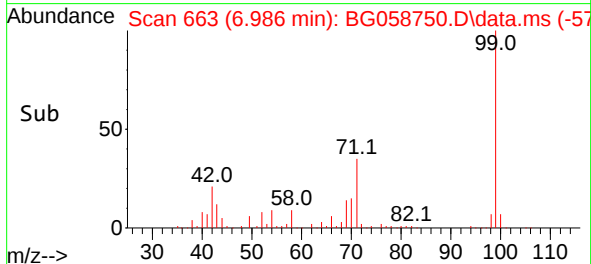
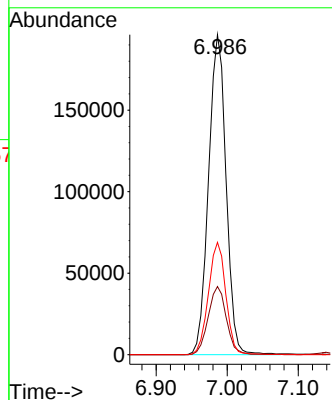
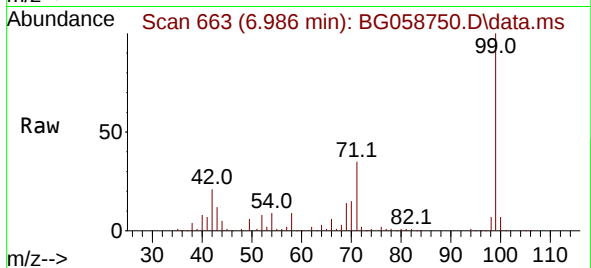




#7
Phenol-d6
Concen: 132.529 ng
RT: 6.986 min Scan# 609
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

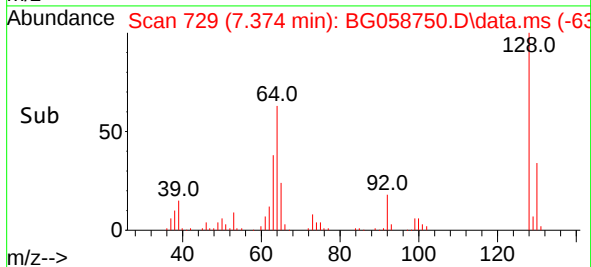
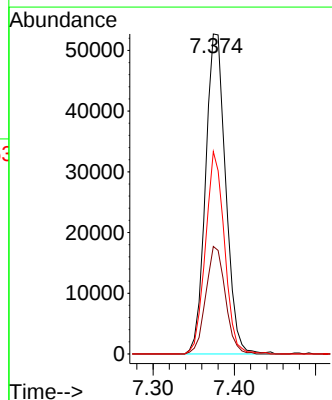
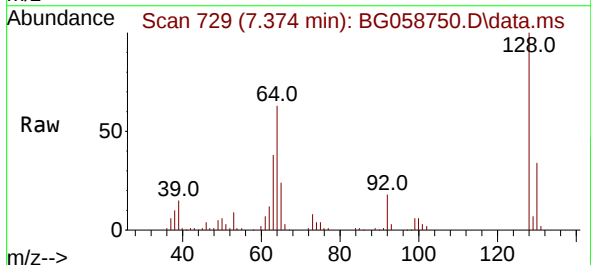
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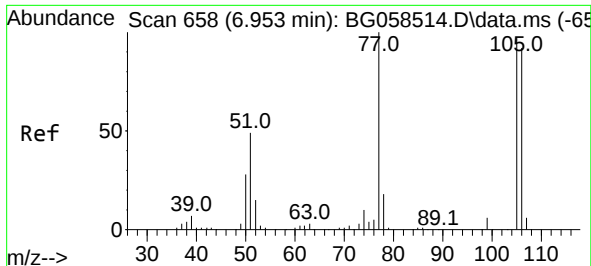
Tgt Ion: 99 Resp: 336559
Ion Ratio Lower Upper
99 100
42 21.3 14.6 21.8
71 35.1 25.0 37.4



#8
2-Chlorophenol
Concen: 50.597 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:128 Resp: 90590
Ion Ratio Lower Upper
128 100
130 33.6 10.9 50.9
64 63.3 39.0 79.0

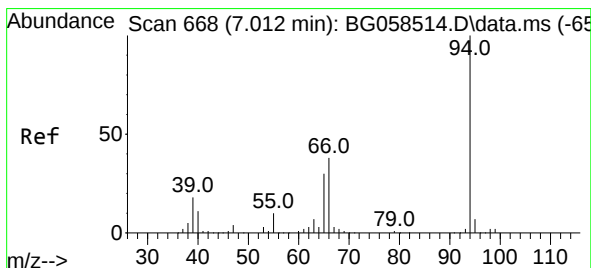
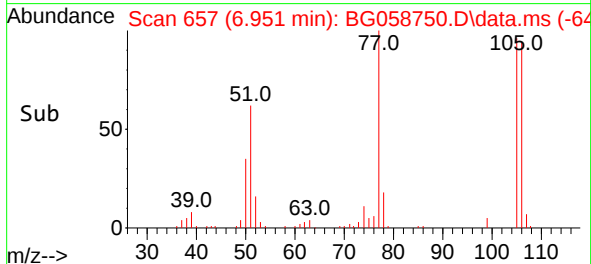
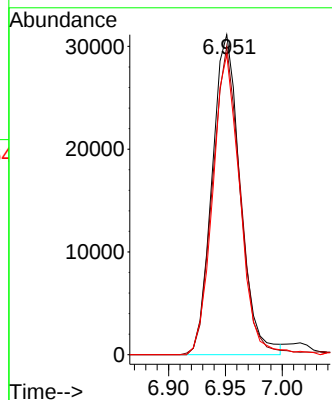
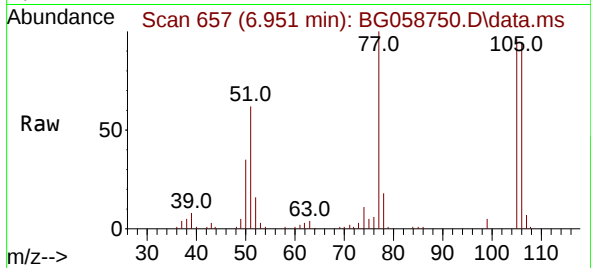




#9
Benzaldehyde
Concen: 38.803 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

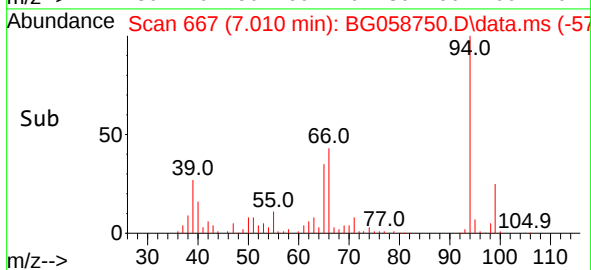
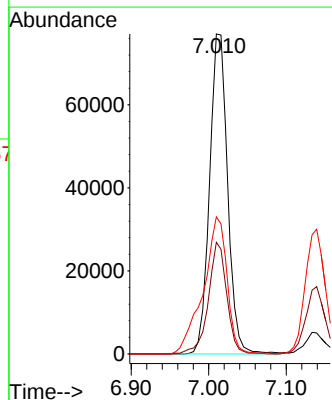
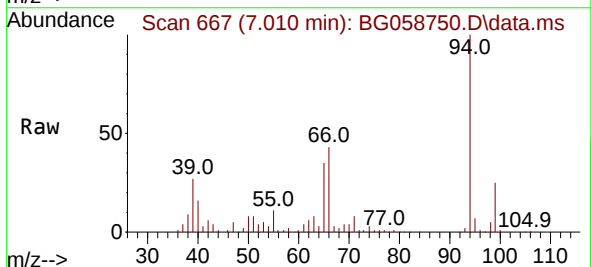
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Tgt Ion: 77 Resp: 53537
Ion Ratio Lower Upper
77 100
105 96.5 77.1 117.1
106 93.8 71.6 111.6



#10
Phenol
Concen: 50.214 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 94 Resp: 124567
Ion Ratio Lower Upper
94 100
65 34.9 10.4 50.4
66 42.8 18.7 58.7

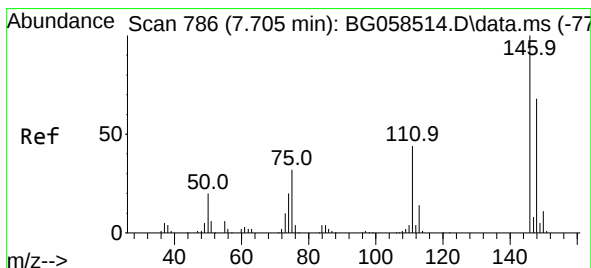
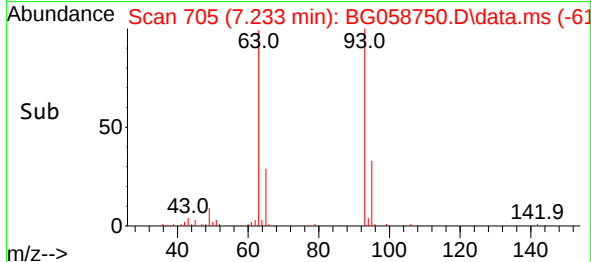
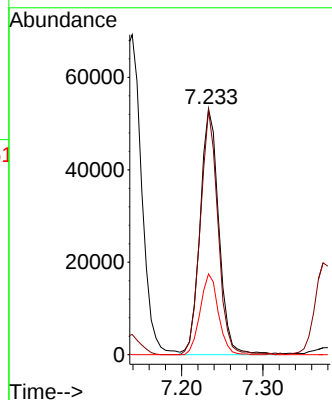
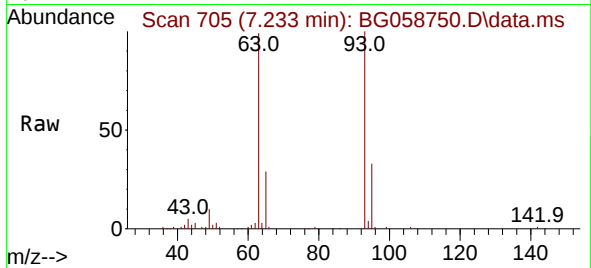




#11
bis(2-Chloroethyl)ether
Concen: 43.678 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

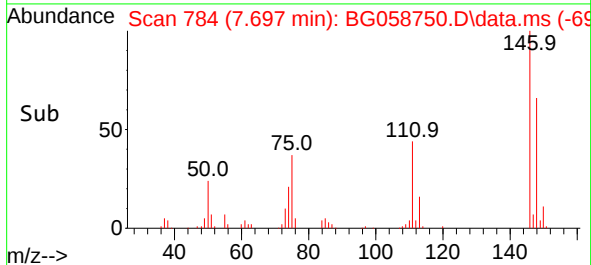
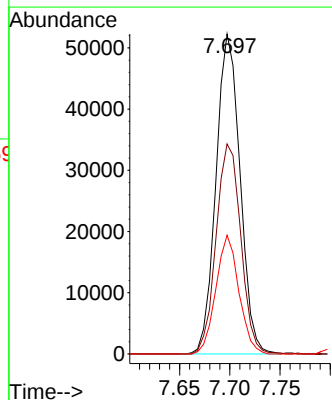
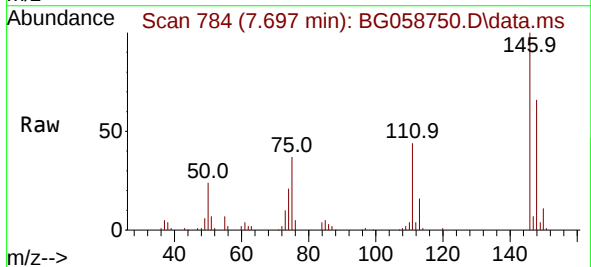
Instrument :
BNA_G
ClientSampleId :
PB154620BS

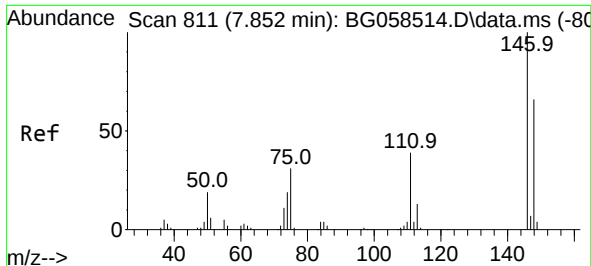
Tgt Ion: 93 Resp: 85421
Ion Ratio Lower Upper
93 100
63 99.5 65.5 105.5
95 32.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.578 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 146 Resp: 87138
Ion Ratio Lower Upper
146 100
148 65.7 54.7 82.1
75 37.1 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 46.421 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

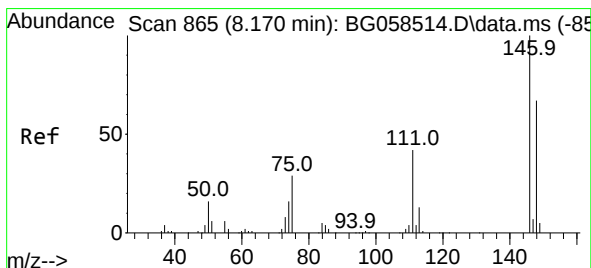
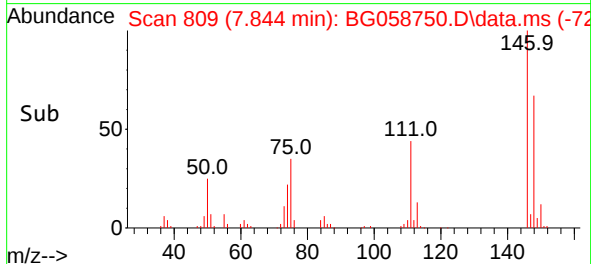
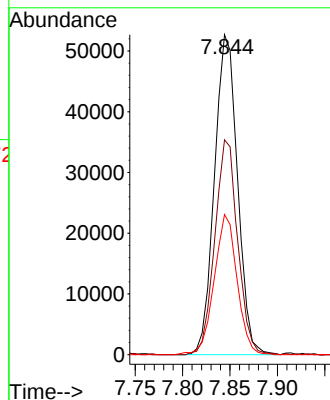
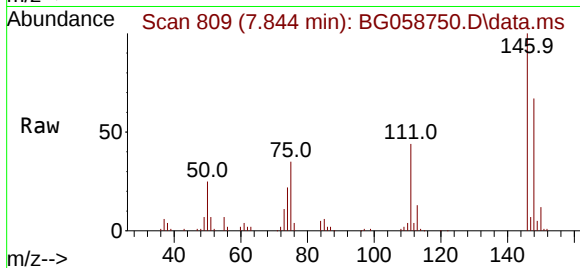
Tgt Ion:146 Resp: 89111

Ion Ratio Lower Upper

146 100

148 67.2 52.8 79.2

111 43.8 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 47.502 ng

RT: 8.161 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

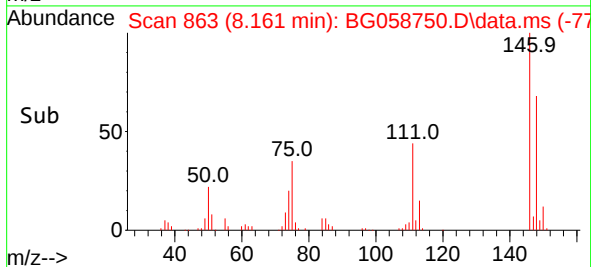
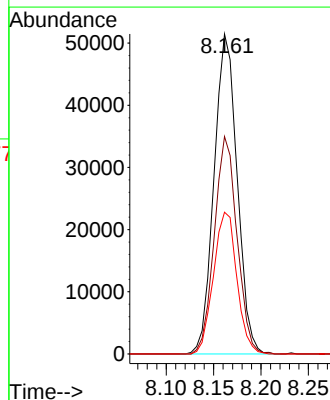
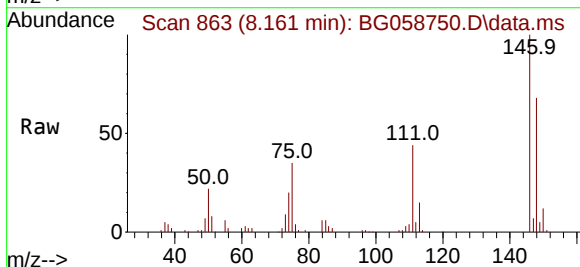
Tgt Ion:146 Resp: 87181

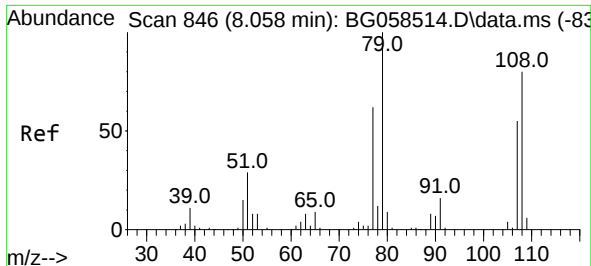
Ion Ratio Lower Upper

146 100

148 68.0 53.4 80.2

111 44.3 34.2 51.2

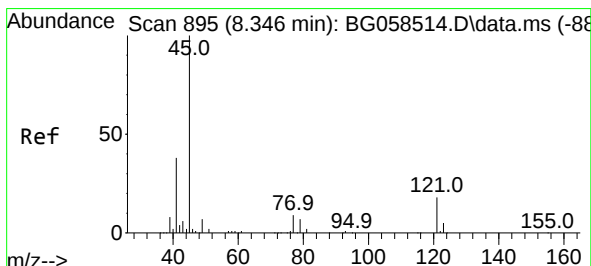
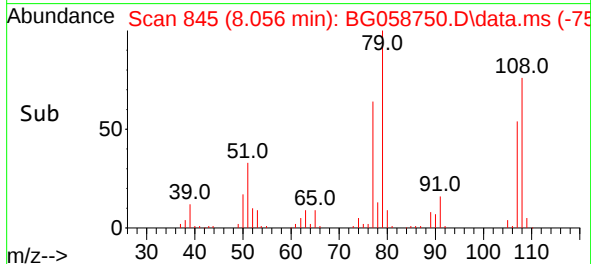
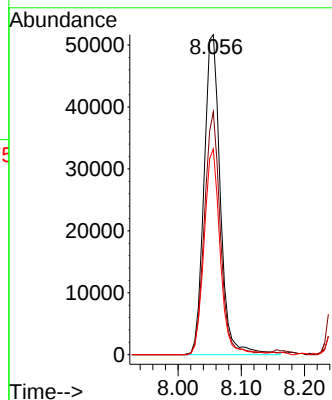
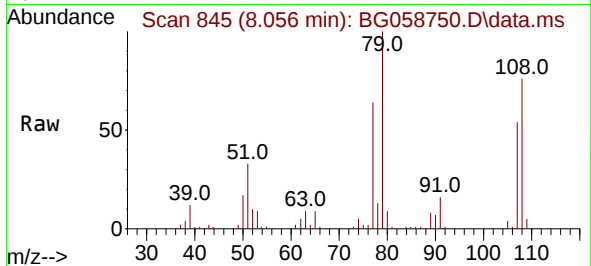




#15
Benzyl Alcohol
Concen: 57.437 ng
RT: 8.056 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

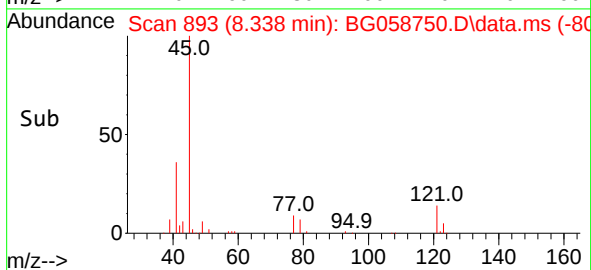
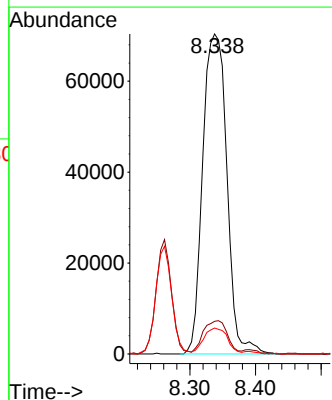
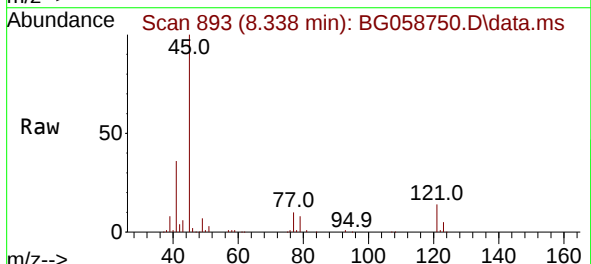
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:	79	Resp:	92502
Ion Ratio	Lower	Upper	
79	100		
108	75.9	63.8	95.6
77	64.2	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.730 ng
RT: 8.338 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:	45	Resp:	180222
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	32.6
79	8.1	0.0	30.2

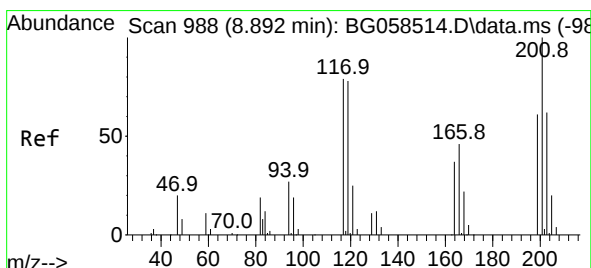
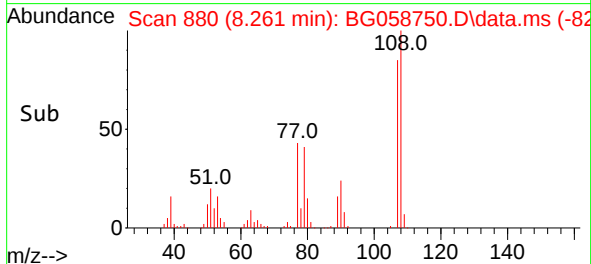
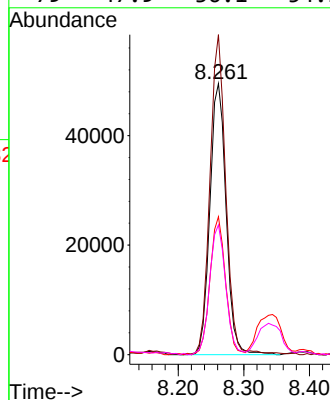
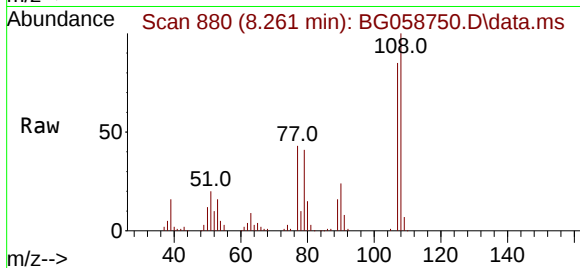




#17
2-Methylphenol
Concen: 46.922 ng
RT: 8.261 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

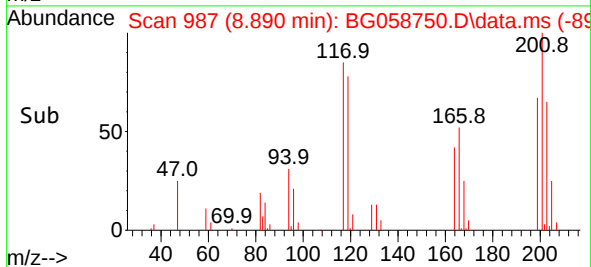
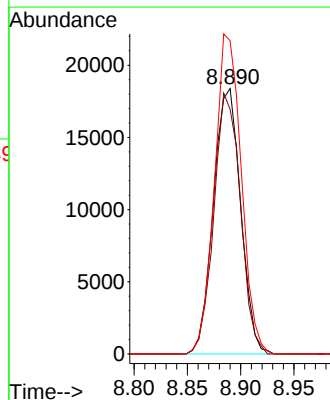
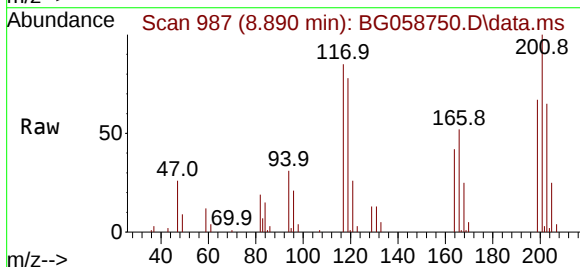
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:	107	Resp:	85109
Ion	Ratio	Lower	Upper
107	100		
108	118.1	89.1	133.7
77	50.9	36.2	54.4
79	47.9	36.1	54.1



#18
Hexachloroethane
Concen: 46.794 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:	117	Resp:	32650
Ion	Ratio	Lower	Upper
117	100		
119	92.2	78.6	117.8
201	118.1	101.4	152.0

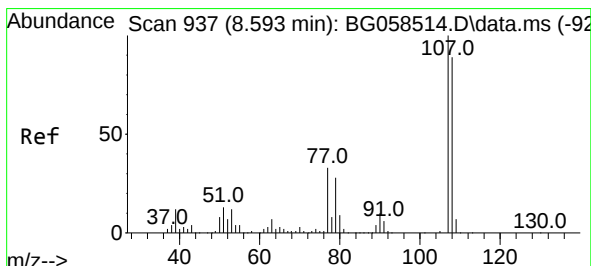
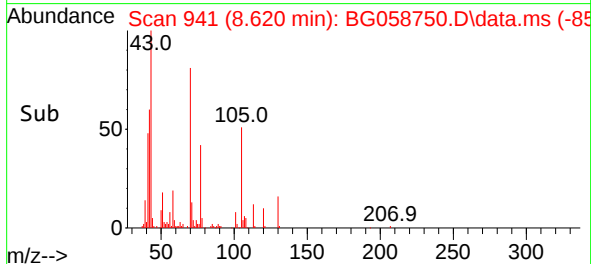
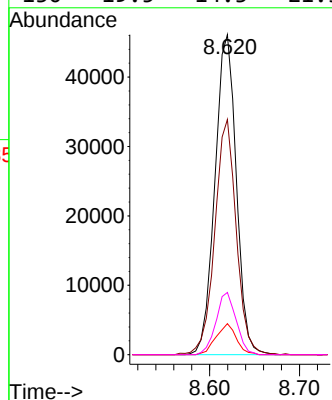
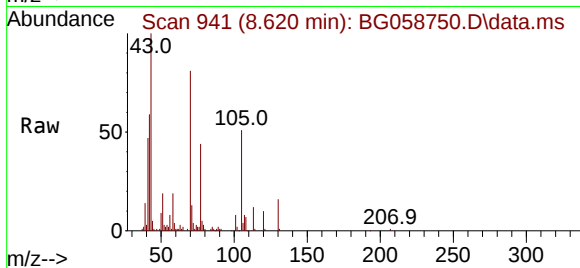




#19
n-Nitroso-di-n-propylamine
Concen: 46.408 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

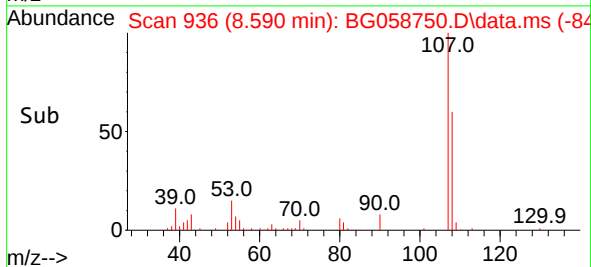
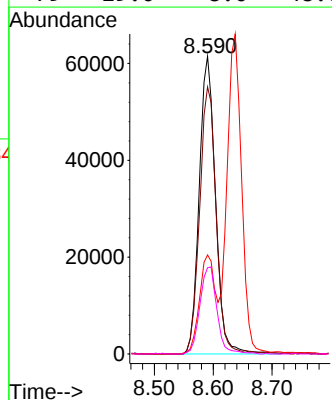
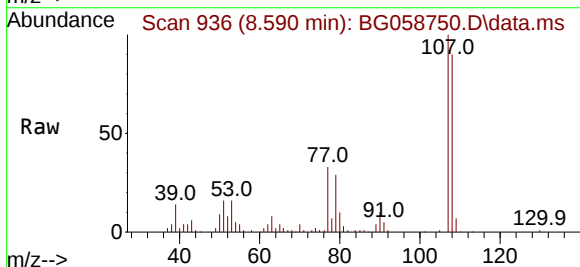
Instrument :
BNA_G
ClientSampleId :
PB154620BS

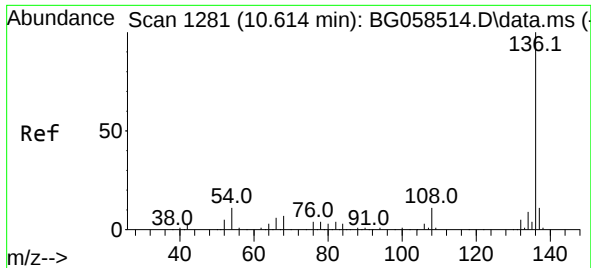
Tgt Ion:	70	Resp:	76125
Ion	Ratio	Lower	Upper
70	100		
42	73.5	49.7	74.5
101	9.7	7.0	10.4
130	19.5	14.3	21.5



#20
3+4-Methylphenols
Concen: 48.043 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:	107	Resp:	117874
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.4	109.4
77	33.3	13.0	53.0
79	29.0	8.0	48.0





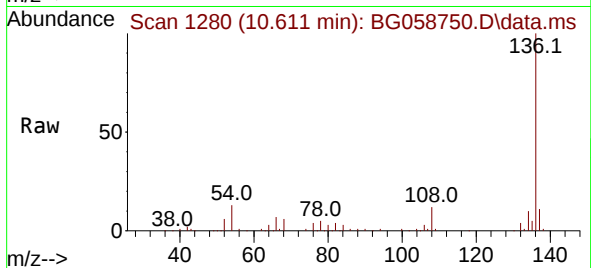
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Instrument :

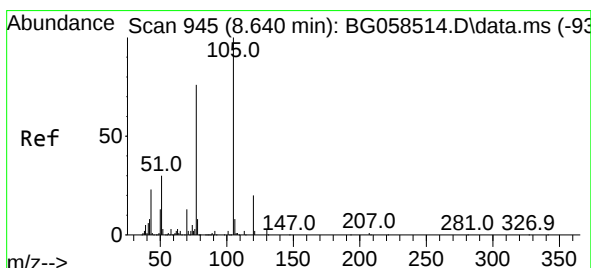
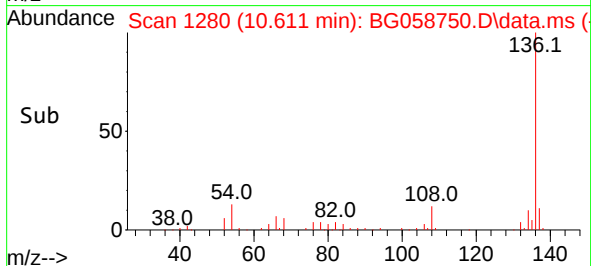
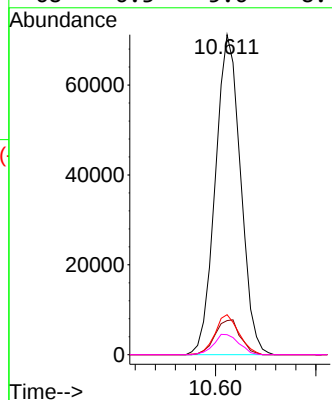
BNA_G

ClientSampleId :

PB154620BS

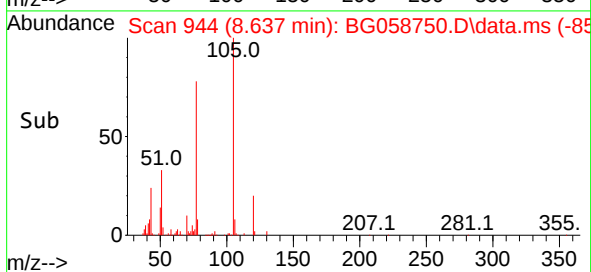
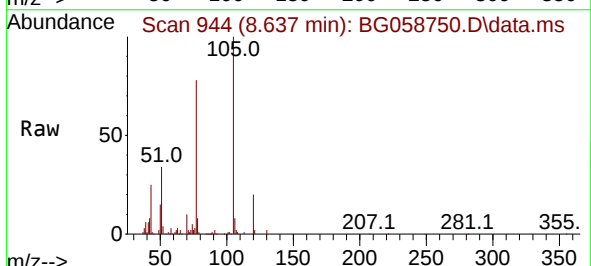
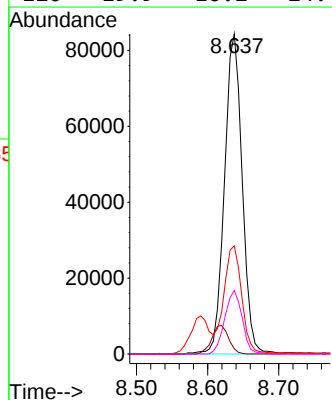


Tgt Ion:136 Resp: 124217
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 12.5 8.9 13.3
68 6.3 5.6 8.4



#22
Acetophenone
Concen: 43.856 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:105 Resp: 145868
Ion Ratio Lower Upper
105 100
71 1.7 1.8 2.6#
51 33.8 24.2 36.2
120 19.9 16.2 24.4

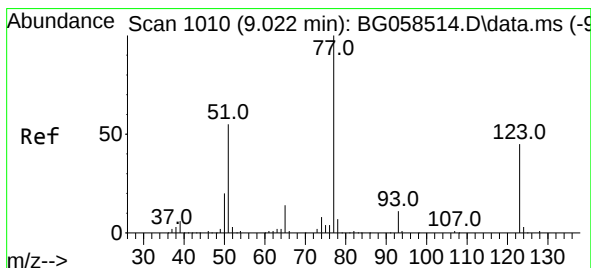
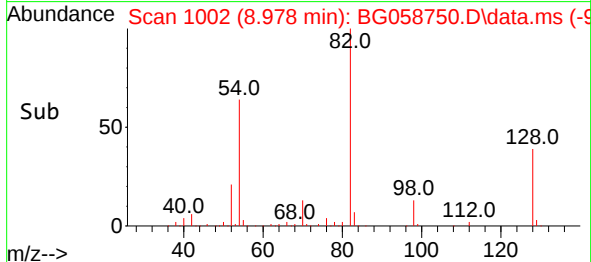
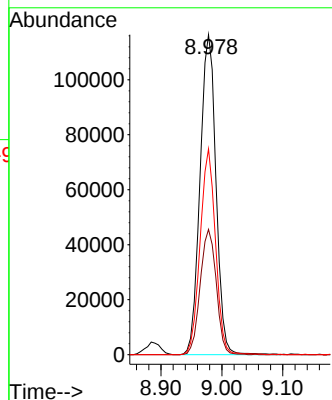
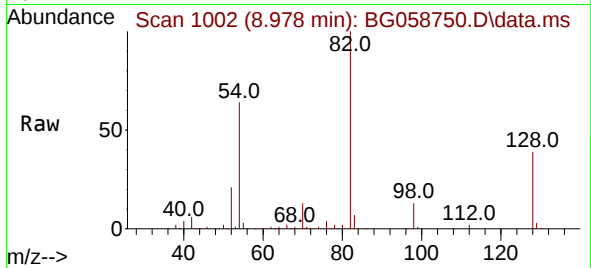




#23
Nitrobenzene-d5
Concen: 83.494 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

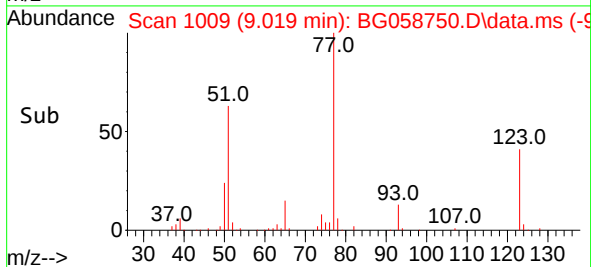
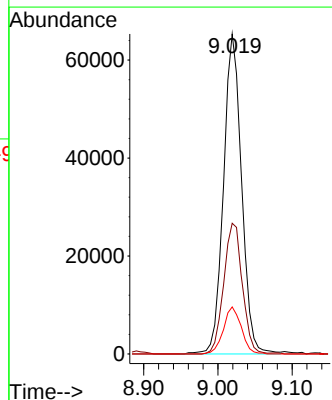
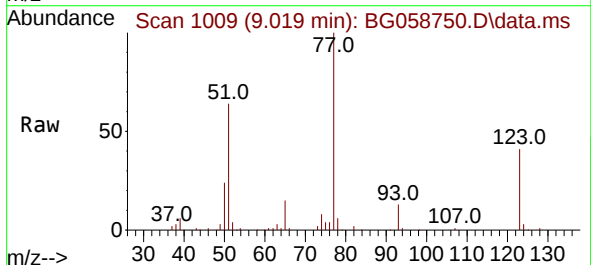
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion: 82 Resp: 211122
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.2
54 64.3 46.0 69.0



#24
Nitrobenzene
Concen: 43.053 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 77 Resp: 110672
Ion Ratio Lower Upper
77 100
123 40.8 35.6 53.4
65 14.7 11.4 17.0

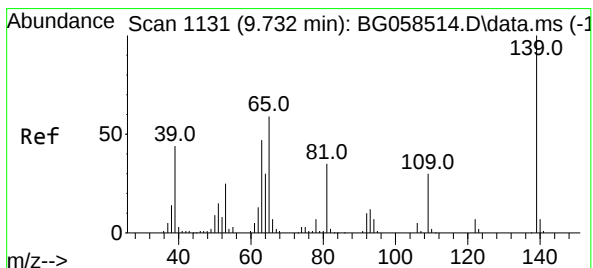
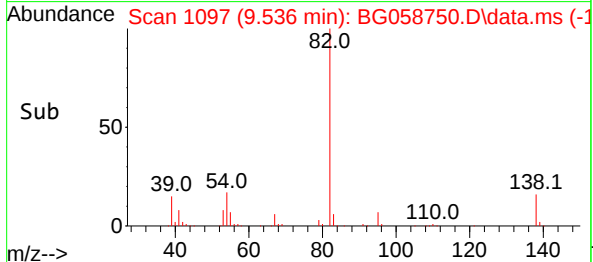
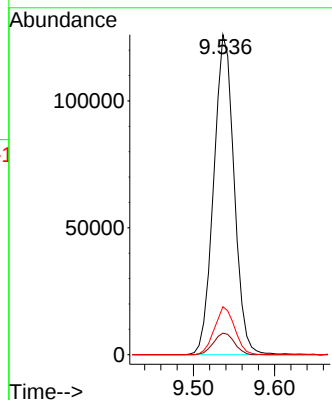
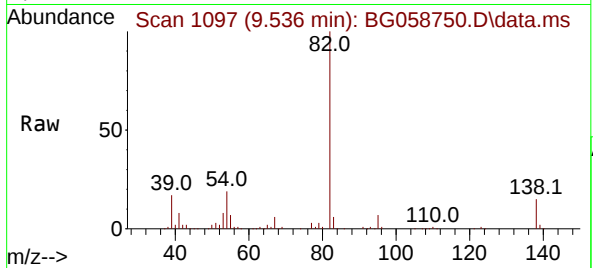




#25
Isophorone
Concen: 42.115 ng
RT: 9.536 min Scan# 110
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

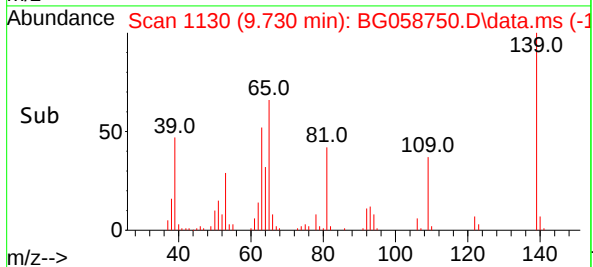
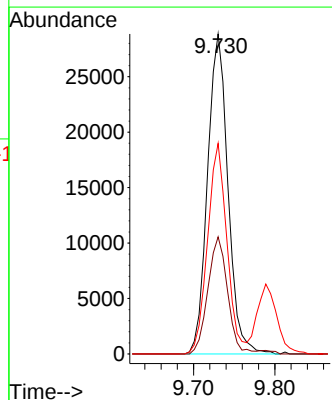
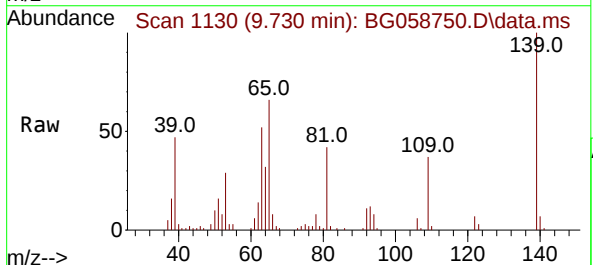
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion: 82 Resp: 220031
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.0 11.9 17.9



#26
2-Nitrophenol
Concen: 45.010 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 139 Resp: 50366
Ion Ratio Lower Upper
139 100
109 36.6 24.2 36.2#
65 65.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.436 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

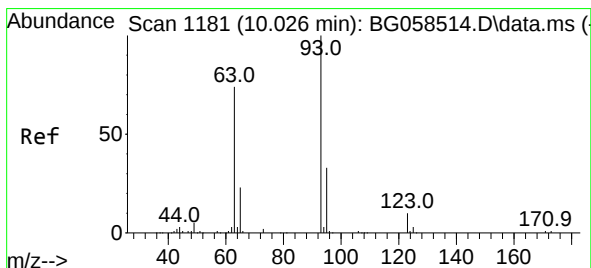
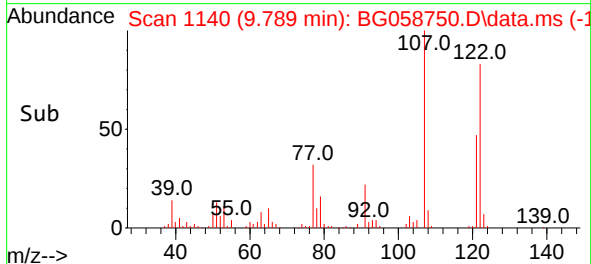
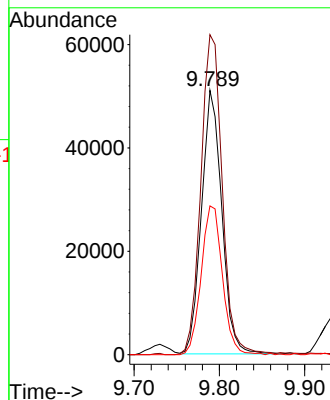
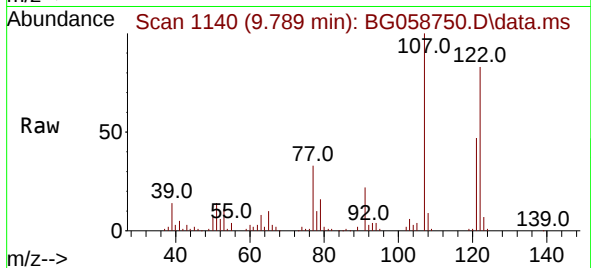
Tgt Ion:122 Resp: 84334

Ion Ratio Lower Upper

122 100

107 121.1 98.0 147.0

121 56.3 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.358 ng

RT: 10.024 min Scan# 1180

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

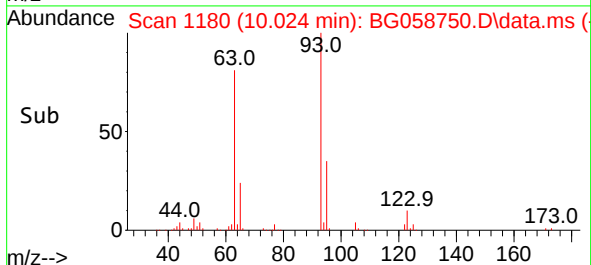
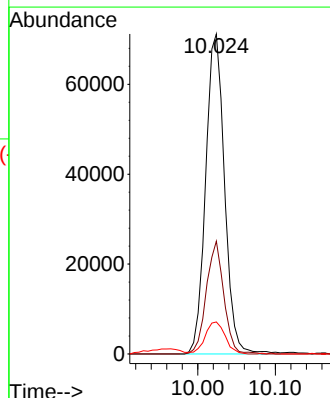
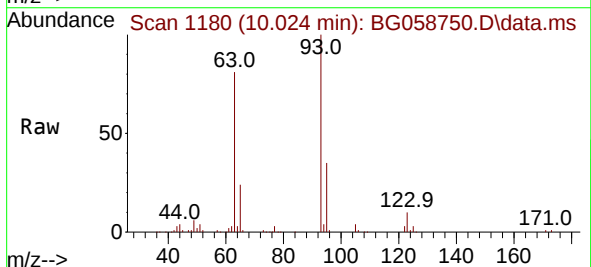
Tgt Ion: 93 Resp: 120431

Ion Ratio Lower Upper

93 100

95 35.3 26.0 39.0

123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 48.151 ng

RT: 10.265 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

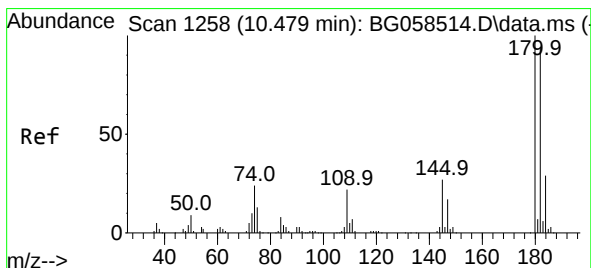
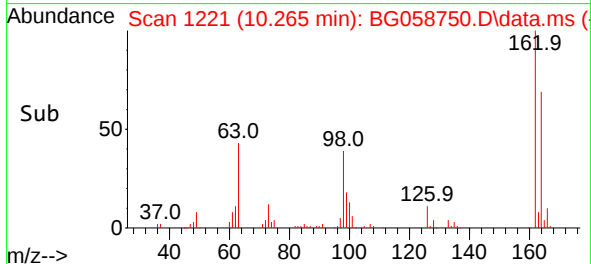
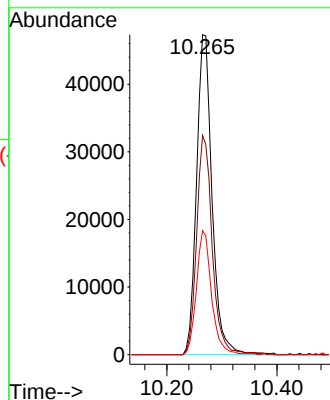
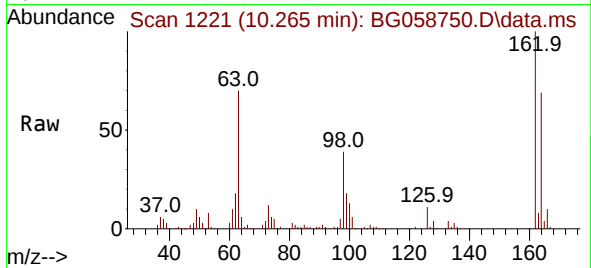
Tgt Ion:162 Resp: 92795

Ion Ratio Lower Upper

162 100

164 68.6 47.6 87.6

98 38.8 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 44.823 ng

RT: 10.476 min Scan# 1257

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

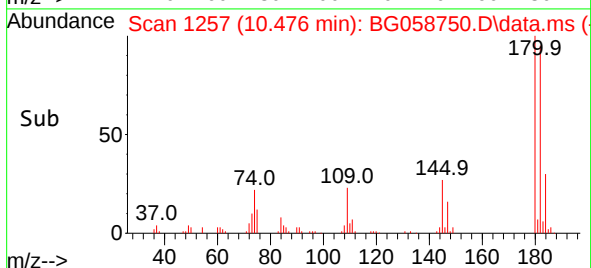
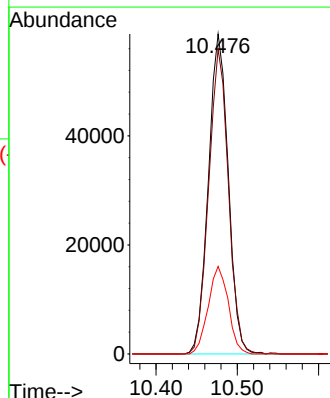
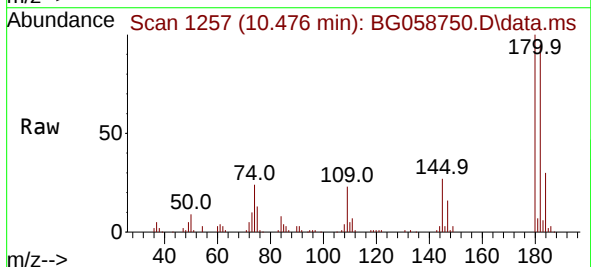
Tgt Ion:180 Resp: 99619

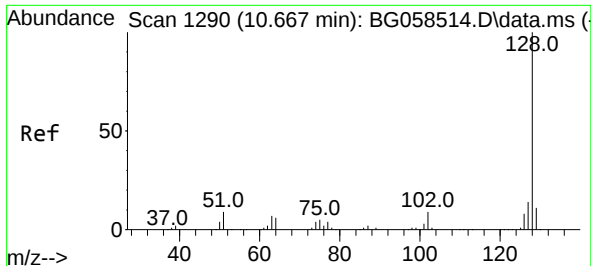
Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.4

145 27.3 21.9 32.9

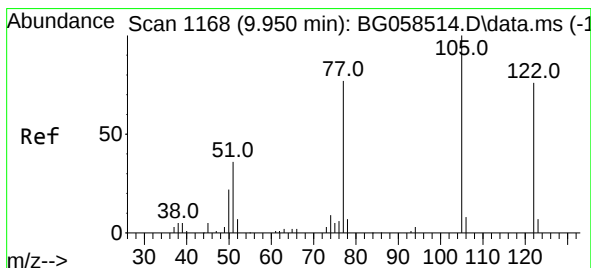
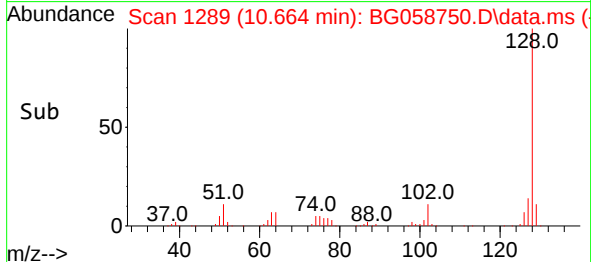
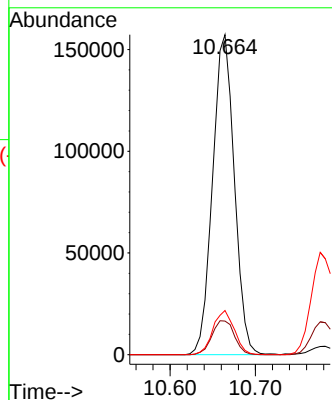
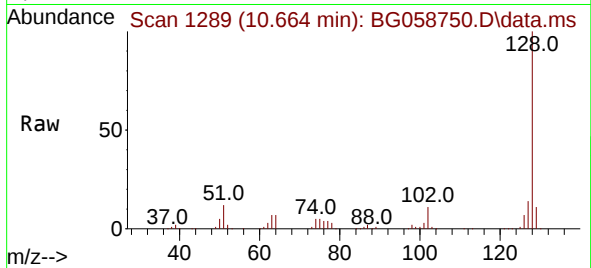




#31
Naphthalene
Concen: 42.560 ng
RT: 10.664 min Scan# 1170
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

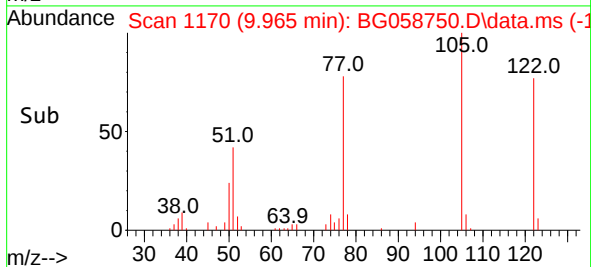
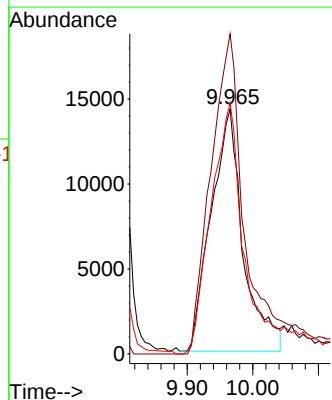
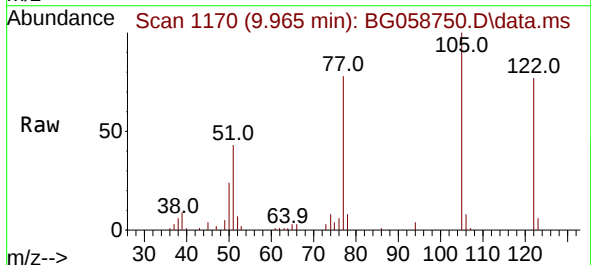
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:128 Resp: 278636
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 35.478 ng
RT: 9.965 min Scan# 1170
Delta R.T. 0.015 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:122 Resp: 48408
Ion Ratio Lower Upper
122 100
105 130.7 106.5 146.5
77 102.5 78.1 118.1

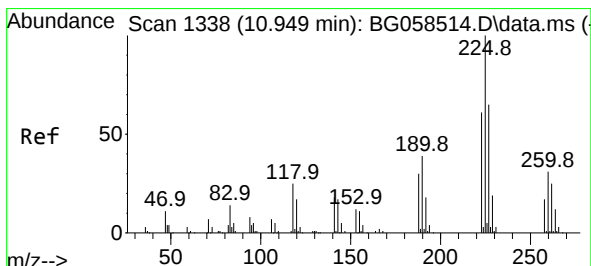
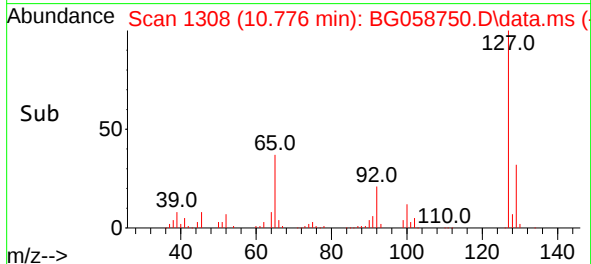
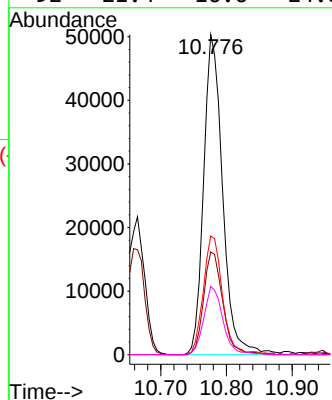
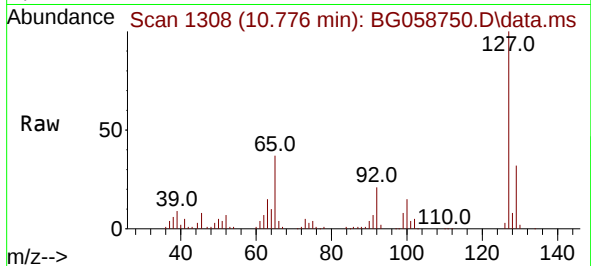




#33
4-Chloroaniline
Concen: 36.675 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

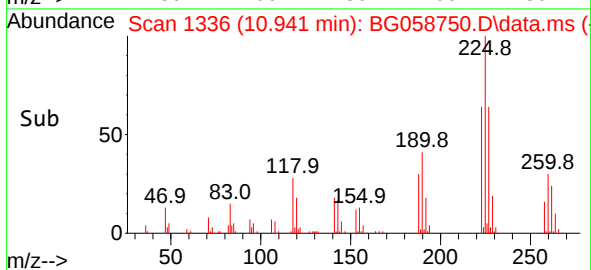
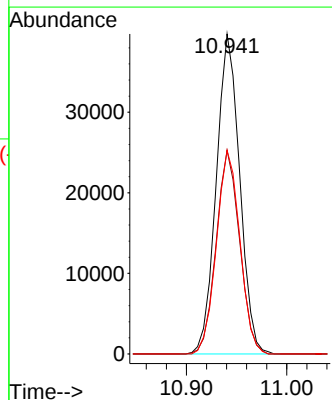
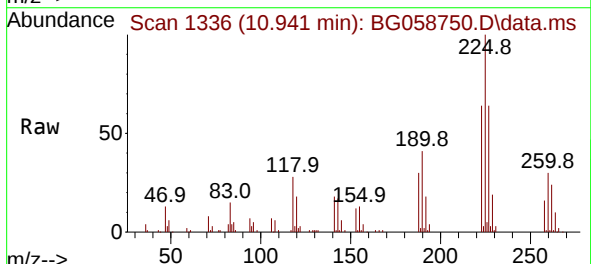
Instrument :
BNA_G
ClientSampleId :
PB154620BS

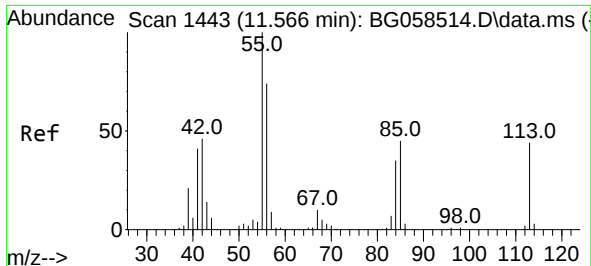
Tgt Ion:	127	Resp:	101448
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	37.1	29.5	44.3
92	21.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 44.869 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:	225	Resp:	64221
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	63.6	51.7	77.5

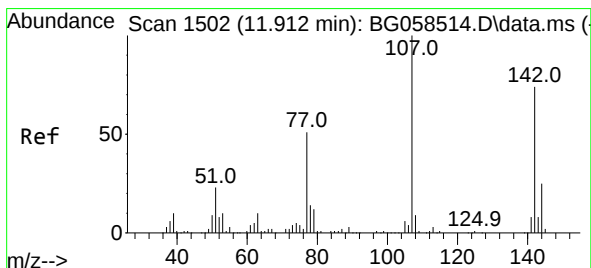
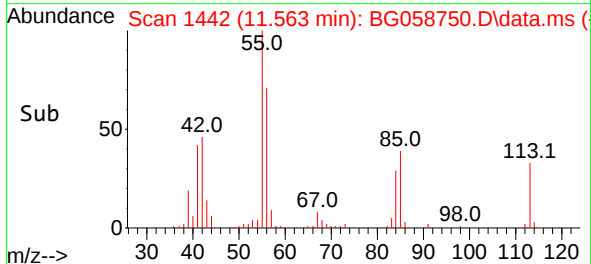
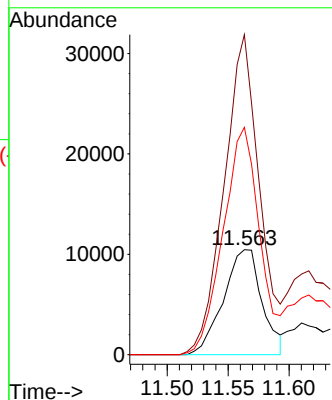
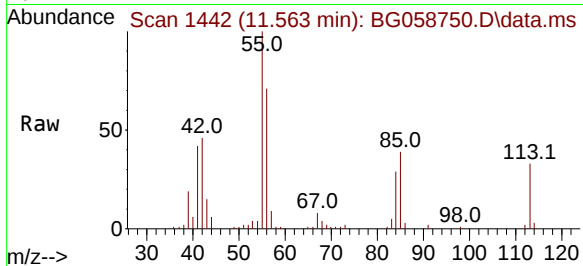




#35
Caprolactam
Concen: 32.395 ng
RT: 11.563 min Scan# 14
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

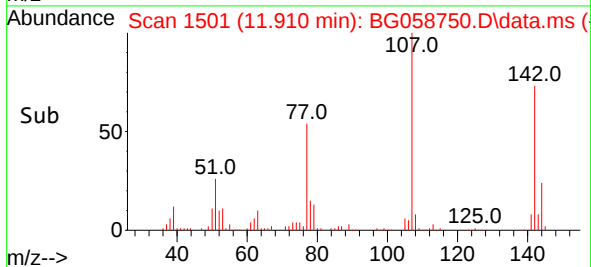
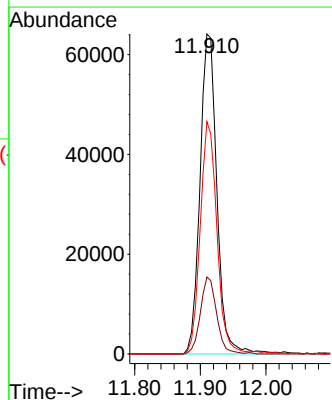
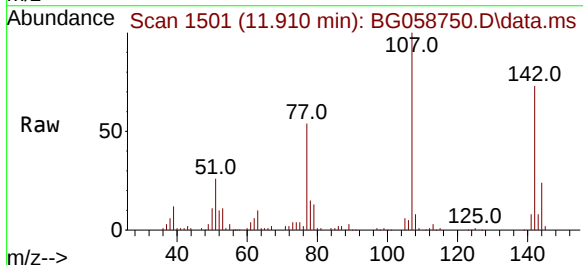
Instrument :
BNA_G
ClientSampleId :
PB154620BS

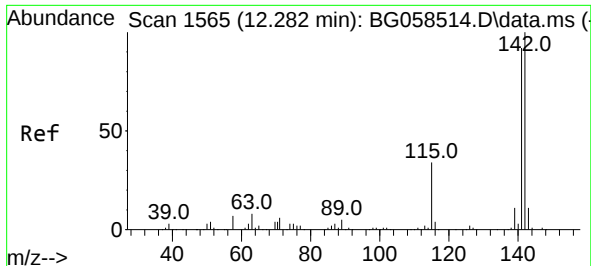
Tgt Ion:113 Resp: 23054
Ion Ratio Lower Upper
113 100
55 304.6 208.0 248.0#
56 216.5 148.6 188.6#



#36
4-Chloro-3-methylphenol
Concen: 48.332 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:107 Resp: 115223
Ion Ratio Lower Upper
107 100
144 24.1 19.6 29.4
142 72.6 59.3 88.9





#37

2-Methylnaphthalene

Concen: 41.853 ng

RT: 12.280 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

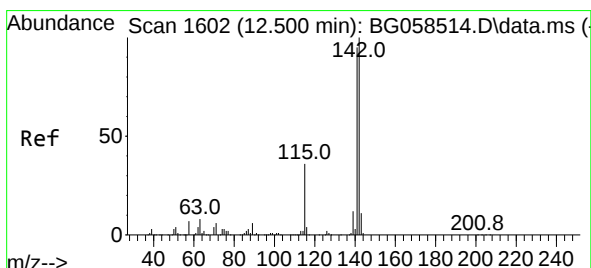
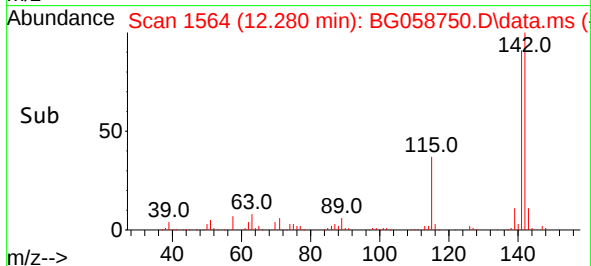
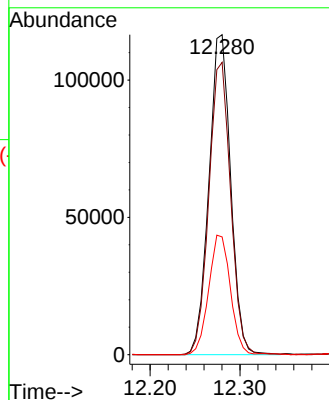
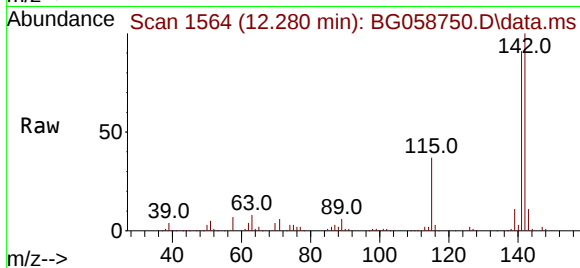
Tgt Ion:142 Resp: 196005

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3

115 36.8 27.4 41.0



#38

1-Methylnaphthalene

Concen: 43.154 ng

RT: 12.498 min Scan# 1601

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

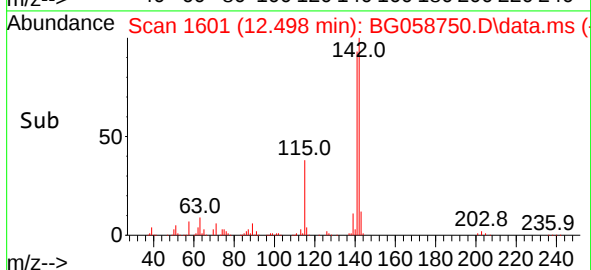
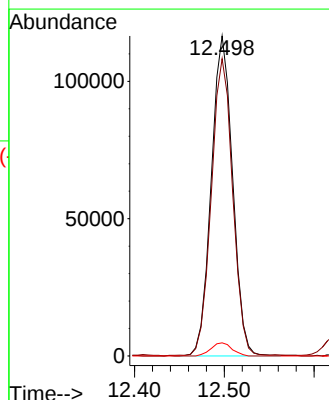
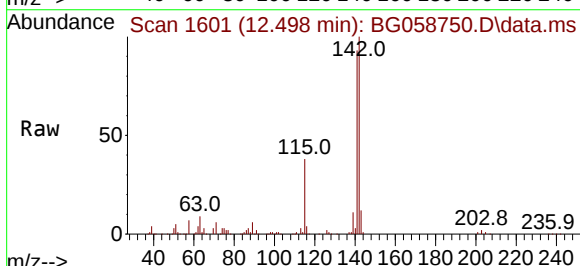
Tgt Ion:142 Resp: 192110

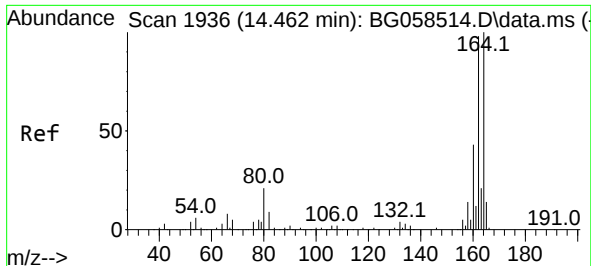
Ion Ratio Lower Upper

142 100

141 92.9 75.7 113.5

116 4.1 3.2 4.8

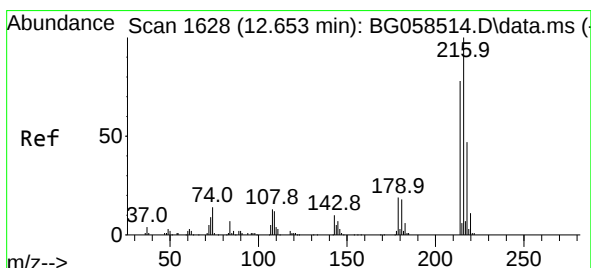
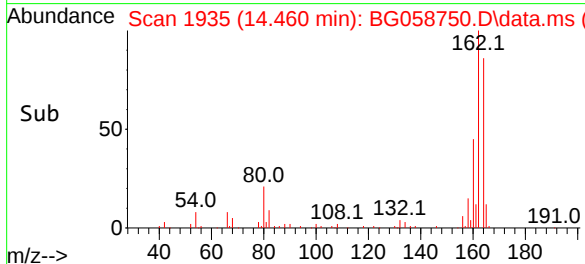
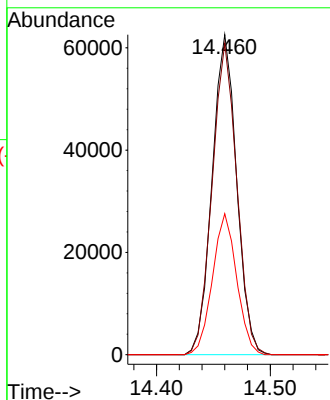
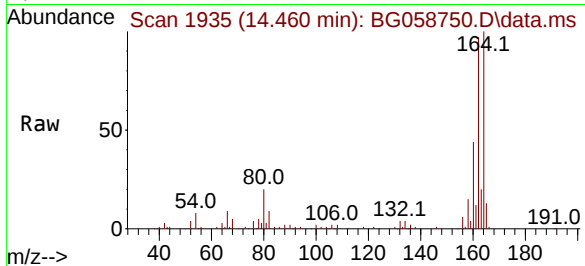




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

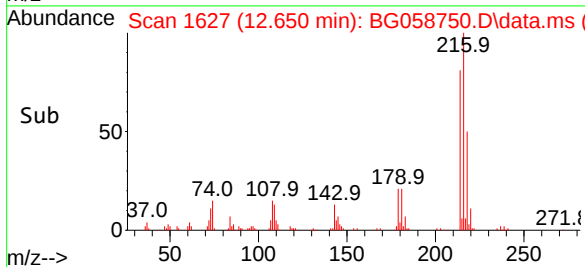
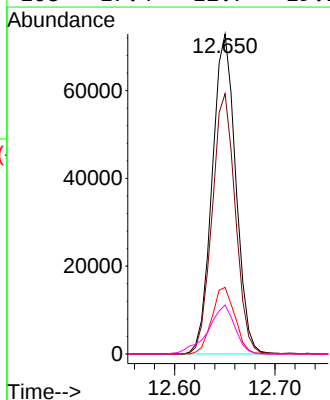
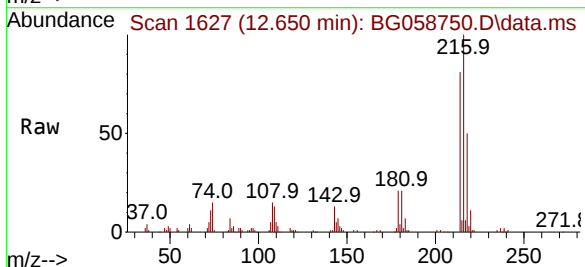
Instrument :
BNA_G
ClientSampleId :
PB154620BS

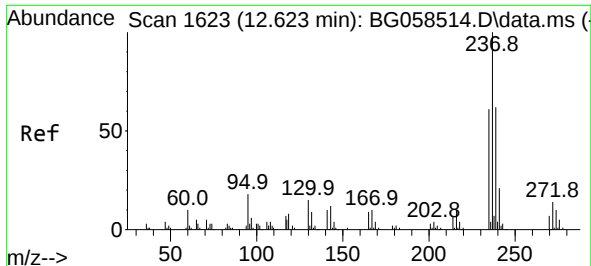
Tgt Ion:164 Resp: 93517
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 44.1 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.273 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

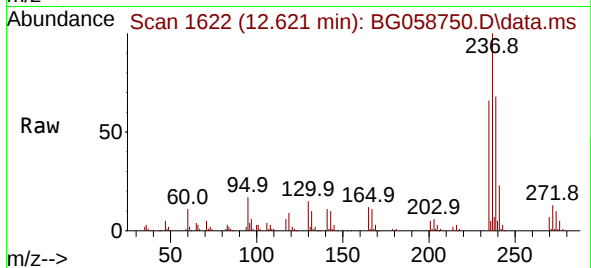
Tgt Ion:216 Resp: 118498
Ion Ratio Lower Upper
216 100
214 80.3 63.1 94.7
179 20.4 15.6 23.4
108 17.4 12.7 19.1



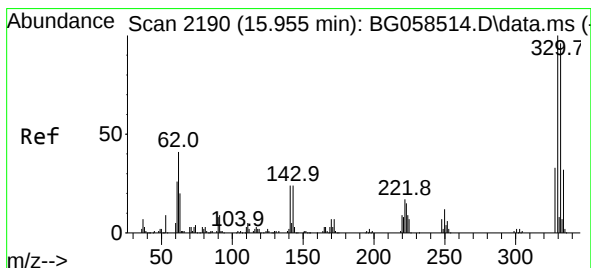
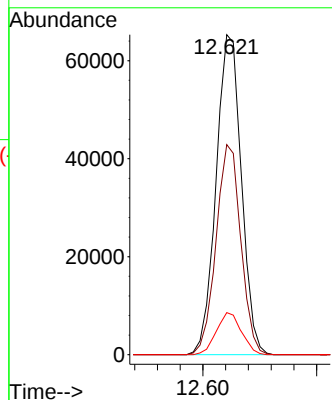
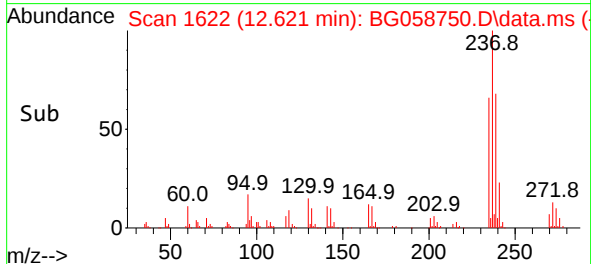


#41
Hexachlorocyclopentadiene
Concen: 76.043 ng
RT: 12.621 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

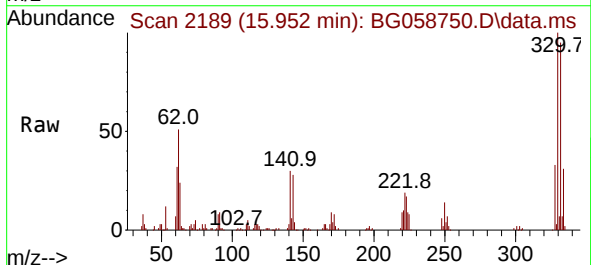
Instrument :
BNA_G
ClientSampleId :
PB154620BS



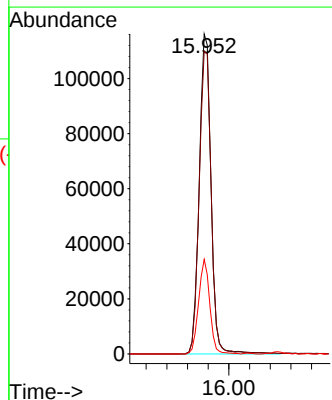
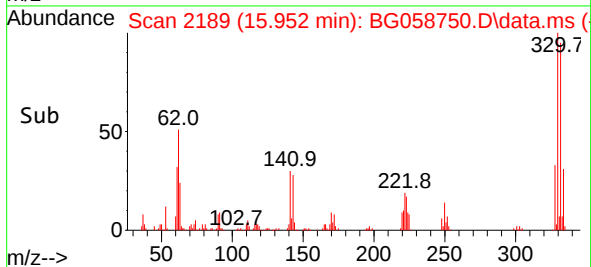
Tgt Ion:237 Resp: 100914
Ion Ratio Lower Upper
237 100
235 65.7 41.0 81.0
272 13.1 0.0 33.6

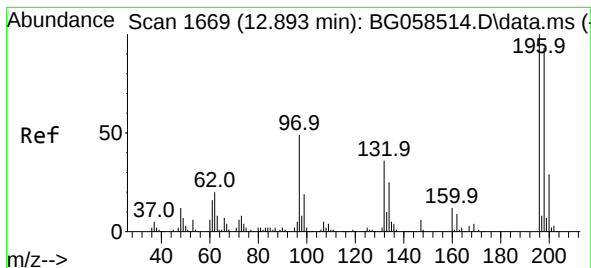


#42
2,4,6-Tribromophenol
Concen: 119.417 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06



Tgt Ion:330 Resp: 183043
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 28.1 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 43.269 ng

RT: 12.891 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

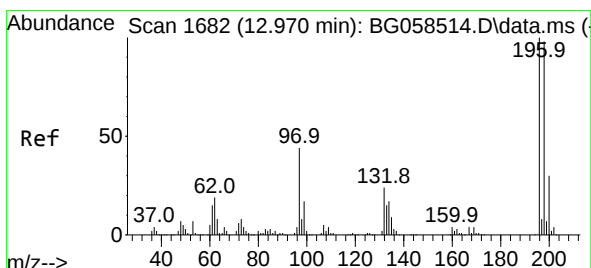
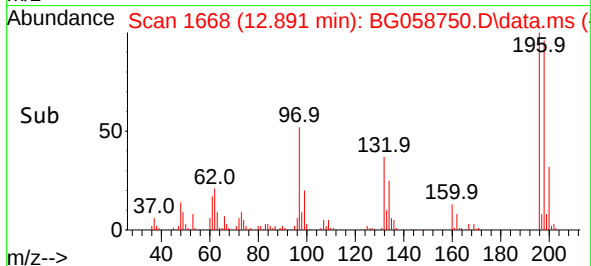
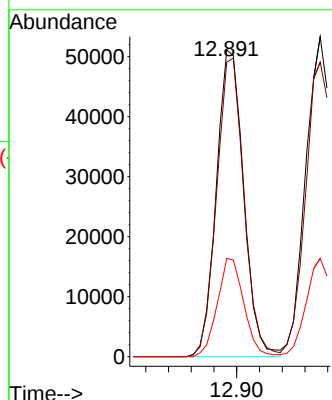
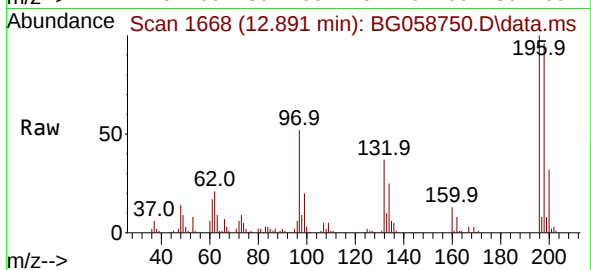
Tgt Ion:196 Resp: 85446

Ion Ratio Lower Upper

196 100

198 96.0 74.2 111.4

200 32.0 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 40.924 ng

RT: 12.973 min Scan# 1682

Delta R.T. 0.004 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Tgt Ion:196 Resp: 95187

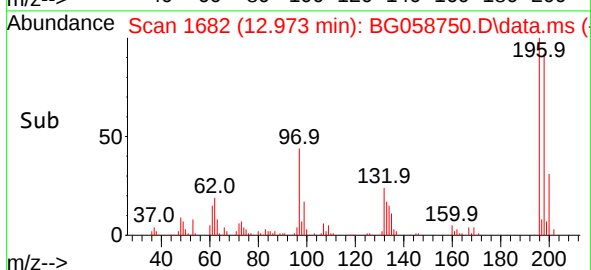
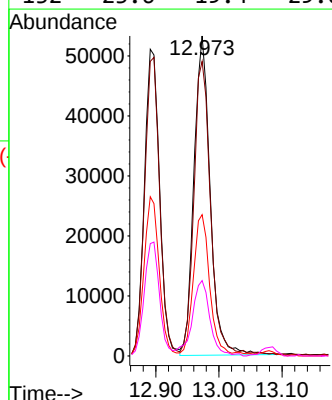
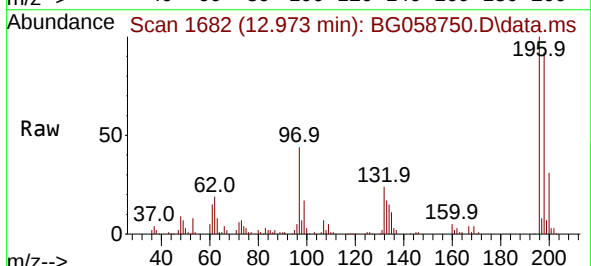
Ion Ratio Lower Upper

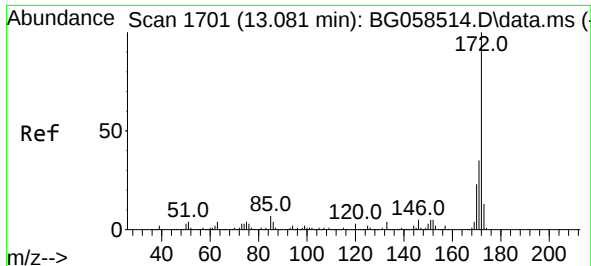
196 100

198 92.0 78.3 117.5

97 44.2 35.2 52.8

132 23.6 19.4 29.0

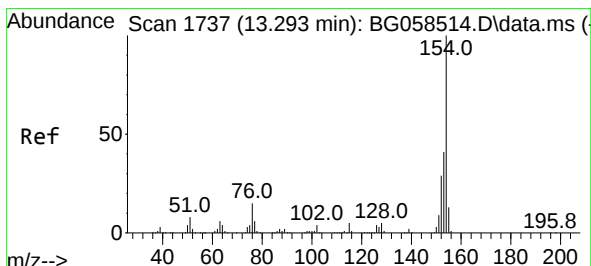
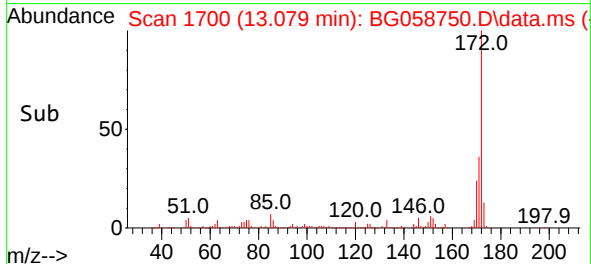
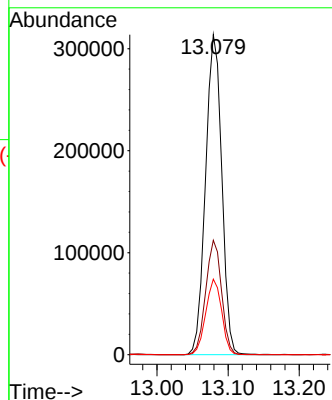
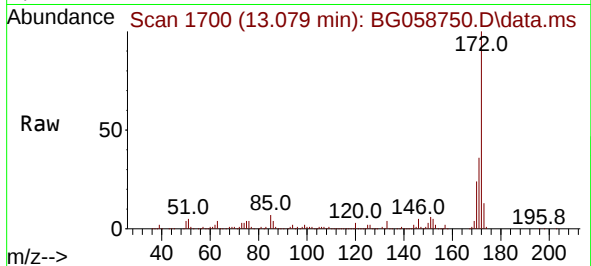




#45
2-Fluorobiphenyl
Concen: 79.840 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

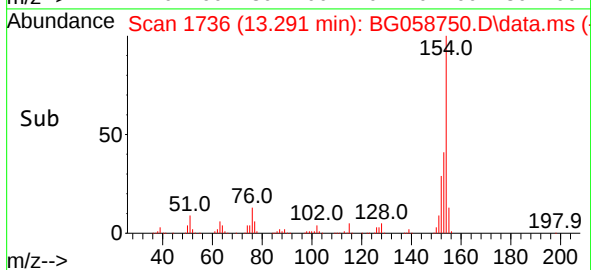
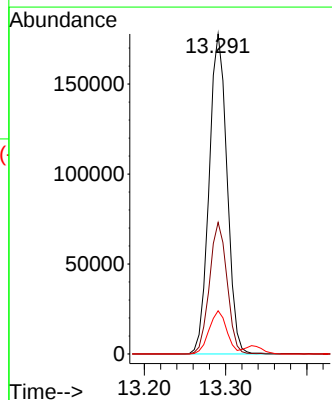
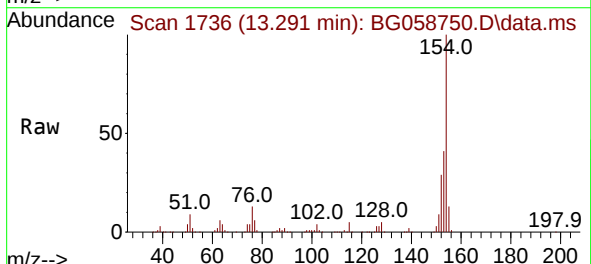
Instrument :
BNA_G
ClientSampleId :
PB154620BS

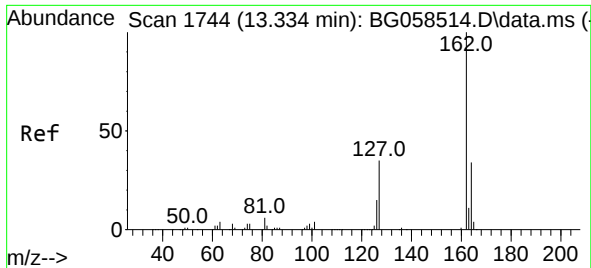
Tgt Ion:172 Resp: 498225
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.6 18.4 27.6



#46
1,1'-Biphenyl
Concen: 42.319 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:154 Resp: 271786
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 13.5 0.0 34.7

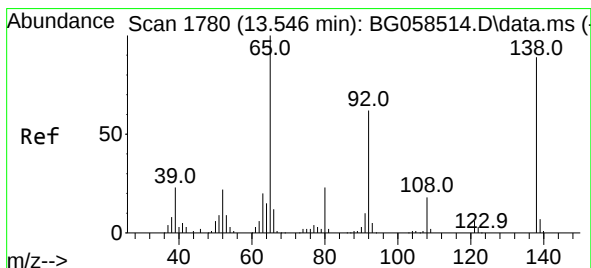
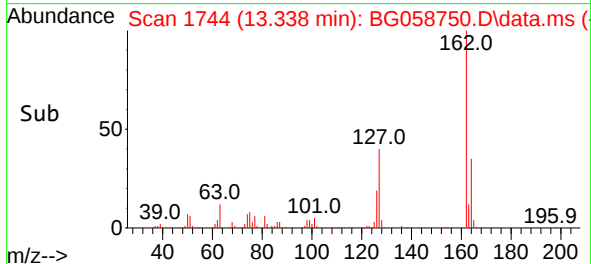
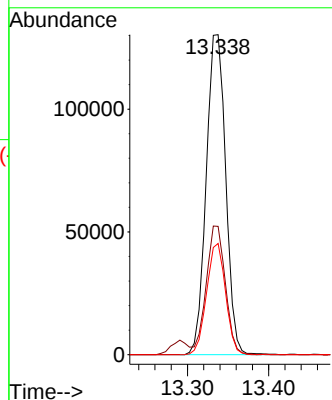
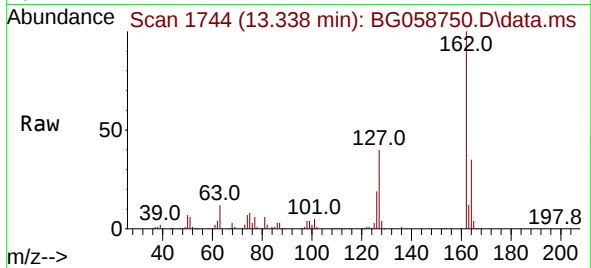




#47
2-Chloronaphthalene
Concen: 43.359 ng
RT: 13.338 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

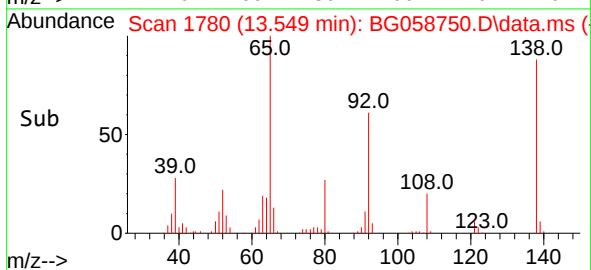
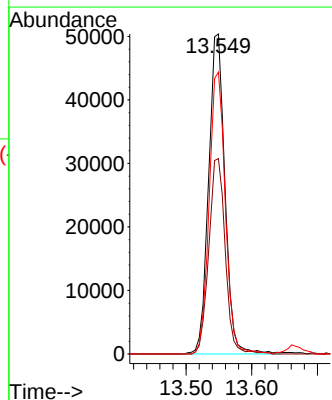
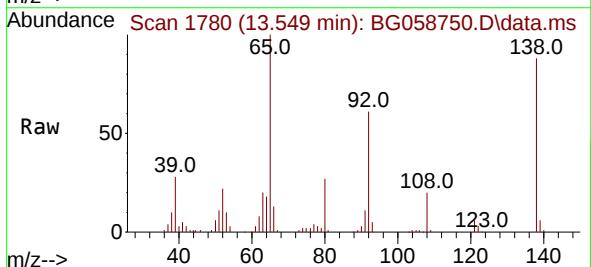
Instrument :
BNA_G
ClientSampleId :
PB154620BS

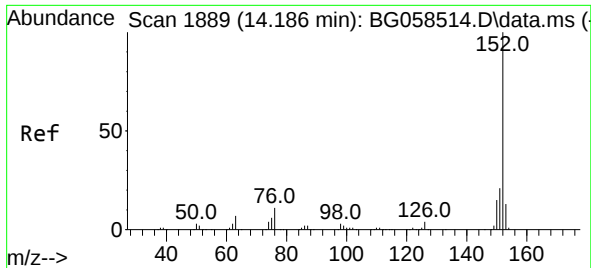
Tgt Ion:162 Resp: 217120
Ion Ratio Lower Upper
162 100
127 40.1 30.9 46.3
164 34.7 27.2 40.8



#48
2-Nitroaniline
Concen: 45.718 ng
RT: 13.549 min Scan# 1780
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion: 65 Resp: 87381
Ion Ratio Lower Upper
65 100
92 61.0 49.2 73.8
138 88.1 71.5 107.3

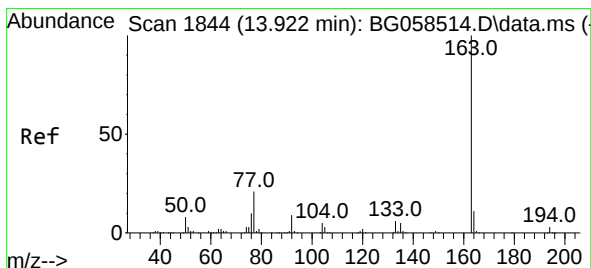
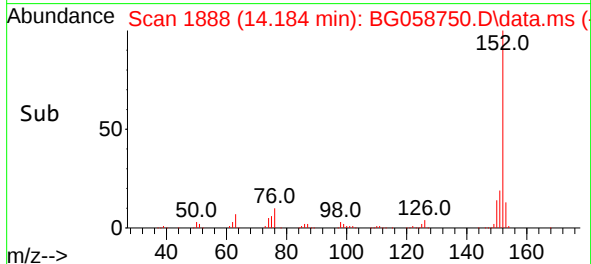
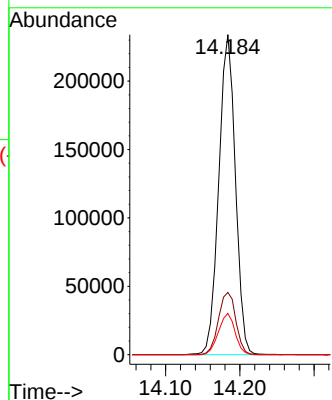
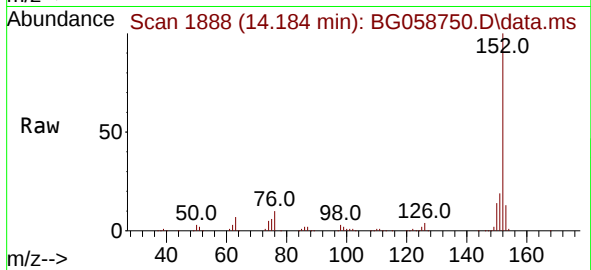




#49
Acenaphthylene
Concen: 43.436 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

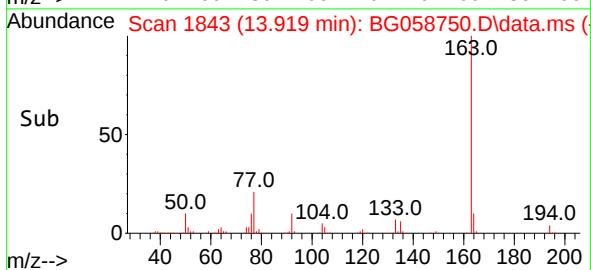
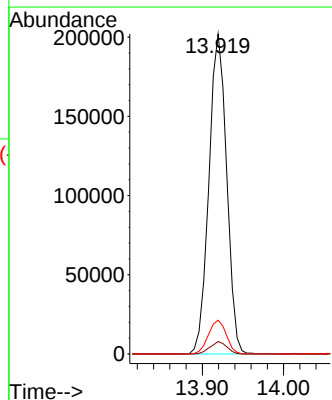
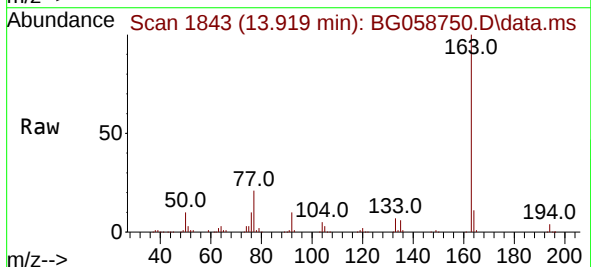
Instrument :
BNA_G
ClientSampleId :
PB154620BS

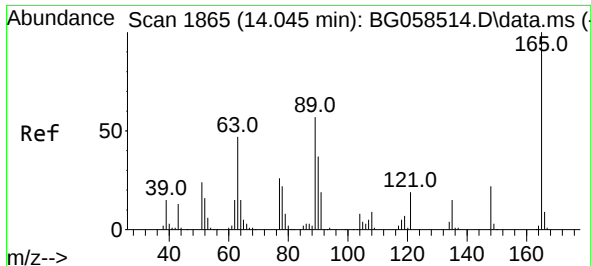
Tgt Ion:152 Resp: 364154
Ion Ratio Lower Upper
152 100
151 19.4 16.5 24.7
153 12.9 10.7 16.1



#50
Dimethylphthalate
Concen: 43.619 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:163 Resp: 306350
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 8.6 12.8

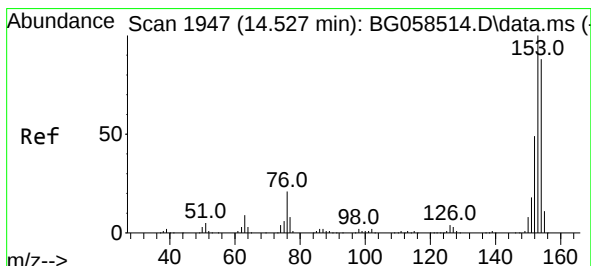
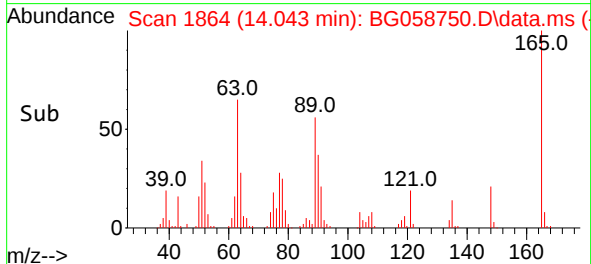
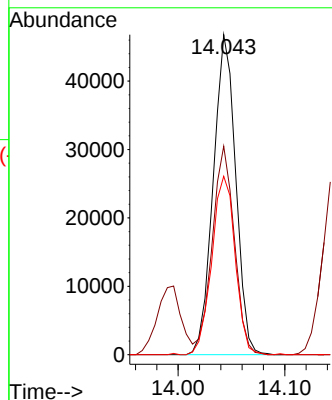
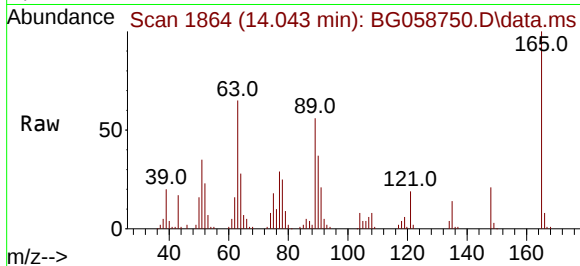




#51
2,6-Dinitrotoluene
Concen: 44.339 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

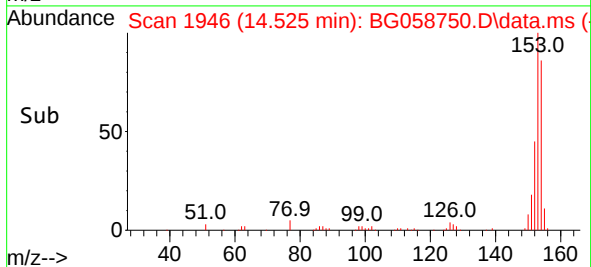
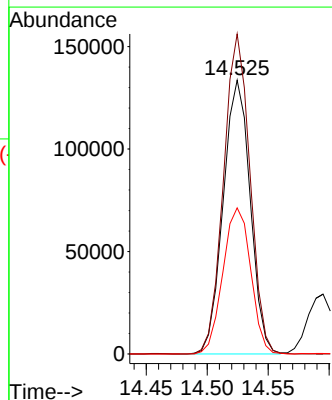
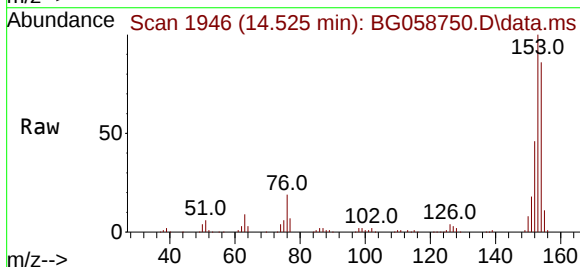
Instrument :
BNA_G
ClientSampleId :
PB154620BS

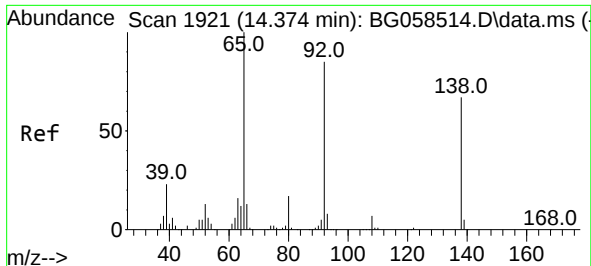
Tgt Ion:165 Resp: 68329
Ion Ratio Lower Upper
165 100
63 65.2 46.4 69.6
89 55.8 45.3 67.9



#52
Acenaphthene
Concen: 42.525 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:154 Resp: 206003
Ion Ratio Lower Upper
154 100
153 116.9 91.1 136.7
152 53.4 44.6 66.8

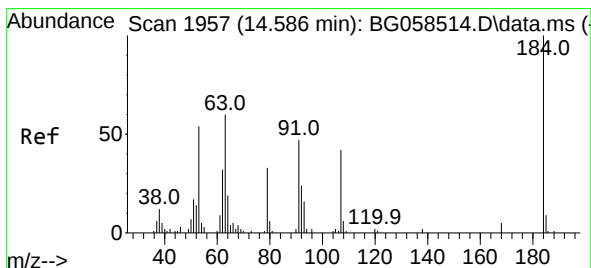
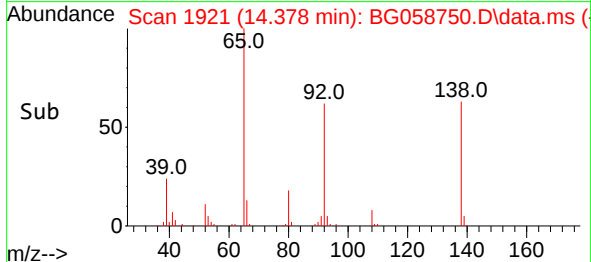
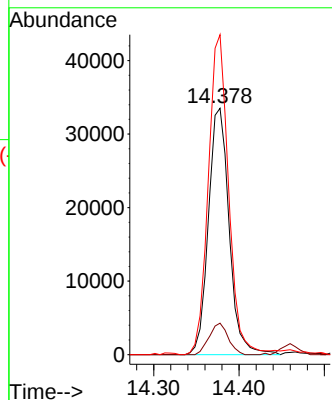
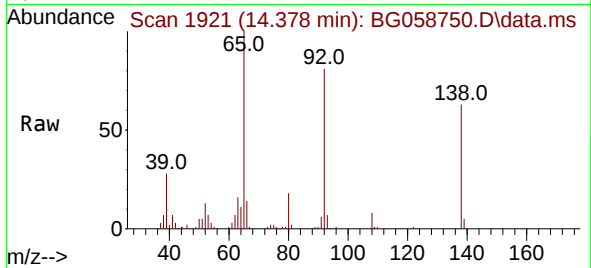




#53
3-Nitroaniline
Concen: 36.754 ng
RT: 14.378 min Scan# 1921
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

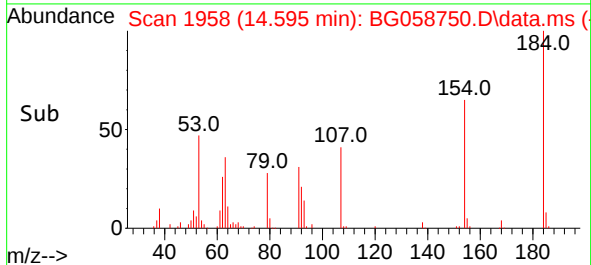
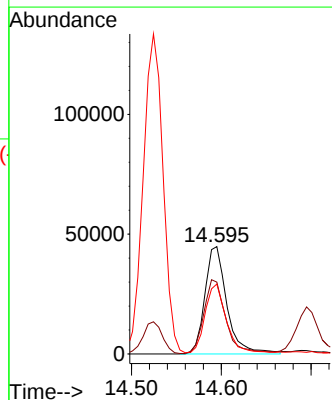
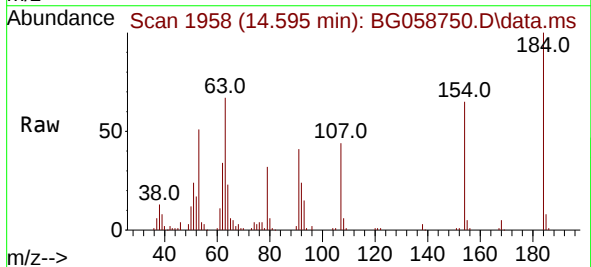
Instrument :
BNA_G
ClientSampleId :
PB154620BS

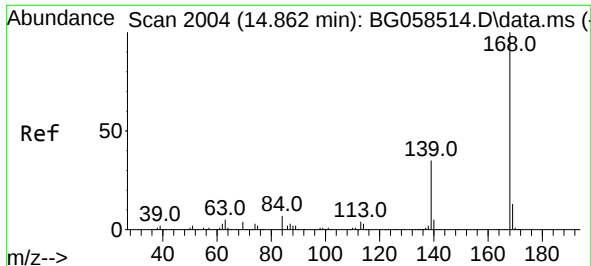
Tgt Ion:138 Resp: 56668
Ion Ratio Lower Upper
138 100
108 12.8 8.3 12.5#
92 129.9 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 87.220 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.009 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:184 Resp: 76417
Ion Ratio Lower Upper
184 100
63 66.9 56.7 85.1
154 65.1 46.1 69.1

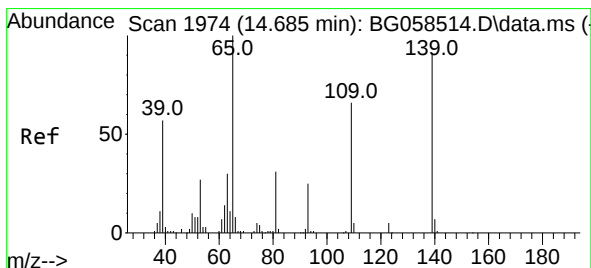
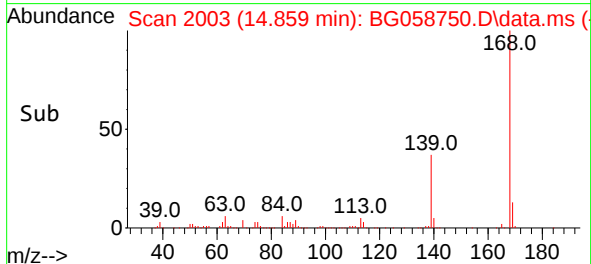
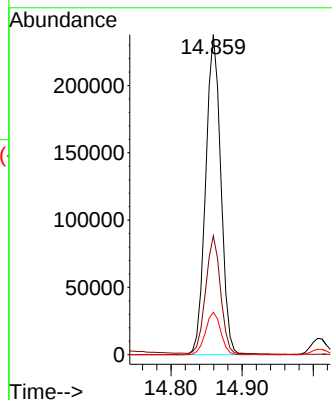
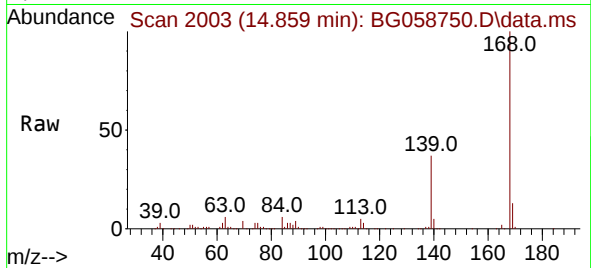




#55
Dibenzofuran
Concen: 42.484 ng
RT: 14.859 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

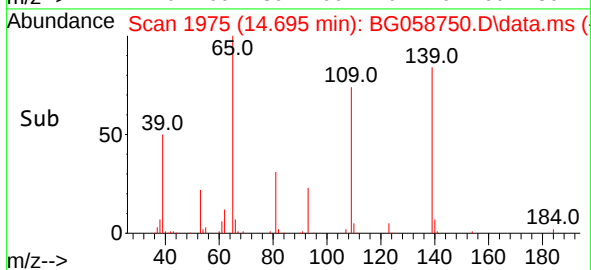
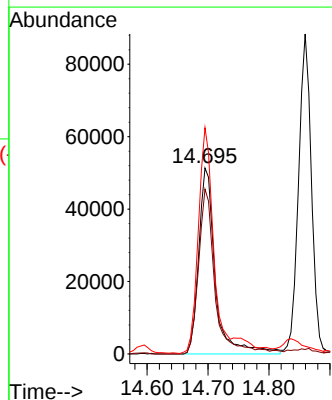
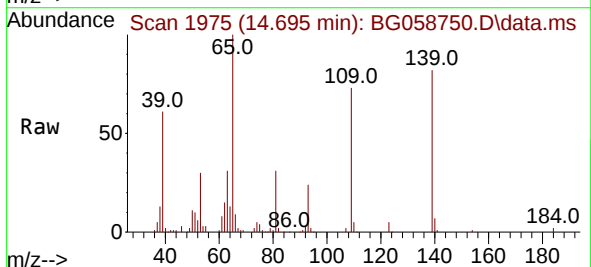
Instrument :
BNA_G
ClientSampleId :
PB154620BS

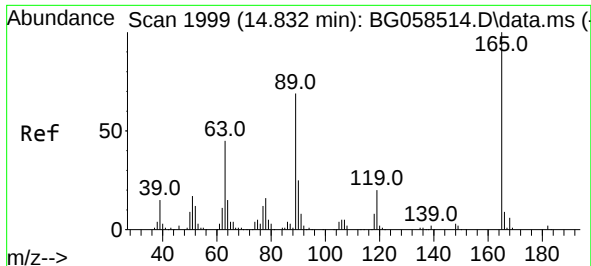
Tgt Ion:168 Resp: 353637
Ion Ratio Lower Upper
168 100
139 37.2 27.8 41.8
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 85.186 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:139 Resp: 97580
Ion Ratio Lower Upper
139 100
109 88.6 52.5 92.5
65 121.7 90.5 130.5

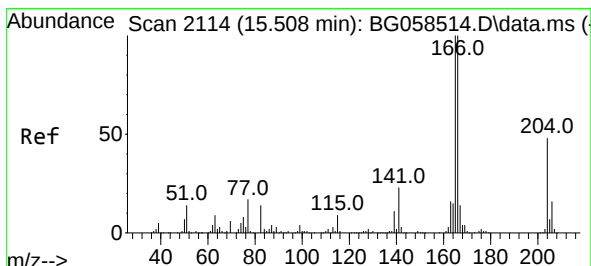
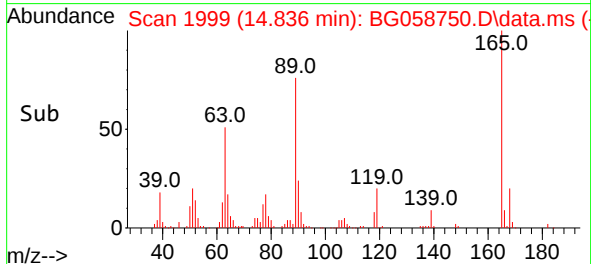
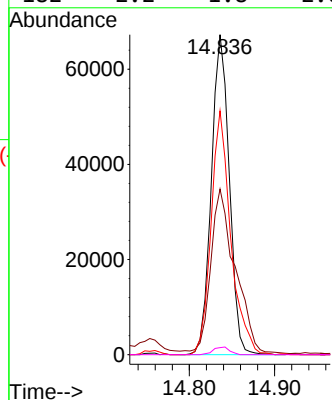
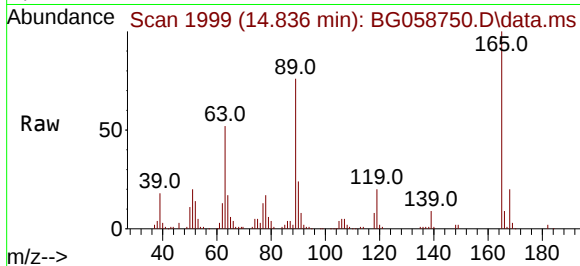




#57
2,4-Dinitrotoluene
Concen: 45.988 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

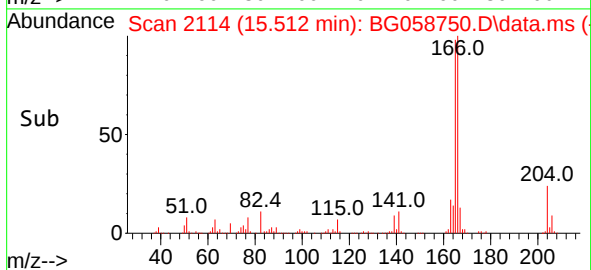
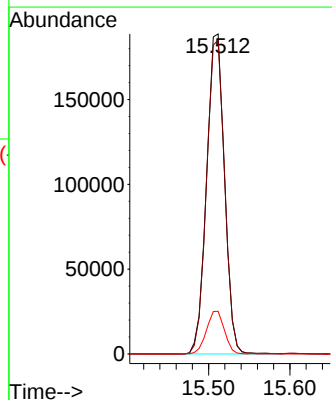
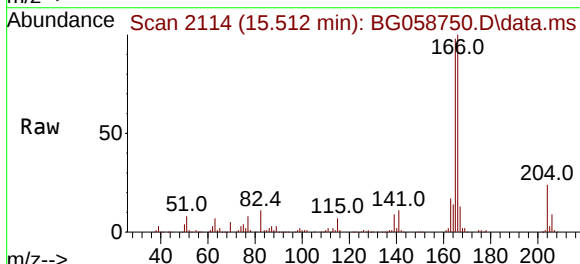
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:	165	Resp:	98251
Ion Ratio	Lower	Upper	
165	100		
63	51.8	36.6	54.8
89	76.2	55.4	83.0
182	2.2	1.8	2.6



#58
Fluorene
Concen: 43.579 ng
RT: 15.512 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:	166	Resp:	288172
Ion Ratio	Lower	Upper	
166	100		
165	98.1	80.0	120.0
167	13.3	11.3	16.9

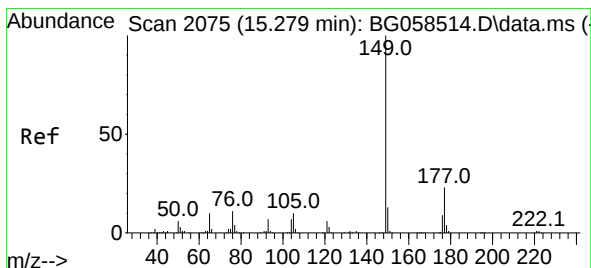
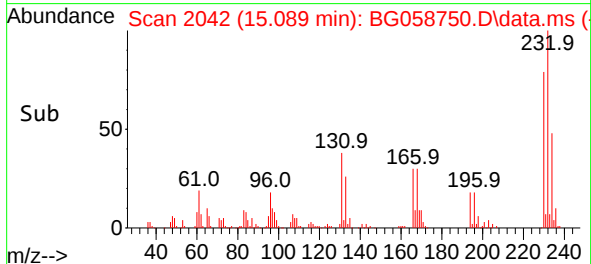
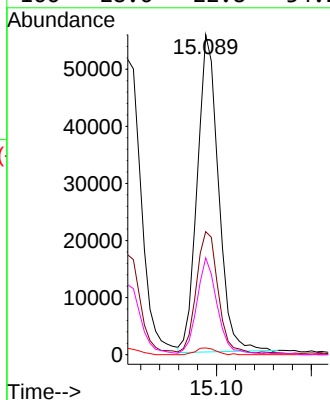
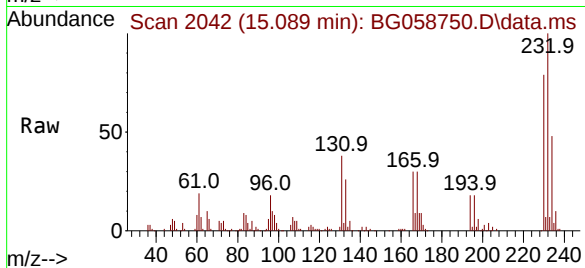




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.554 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

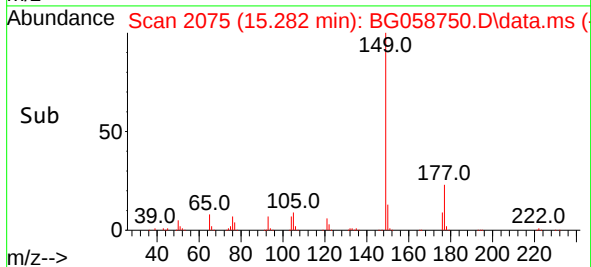
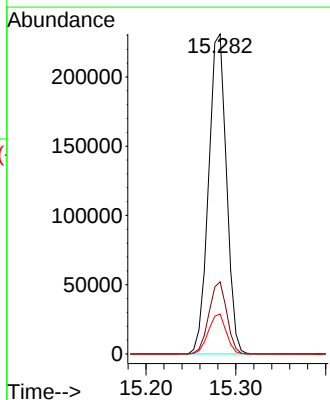
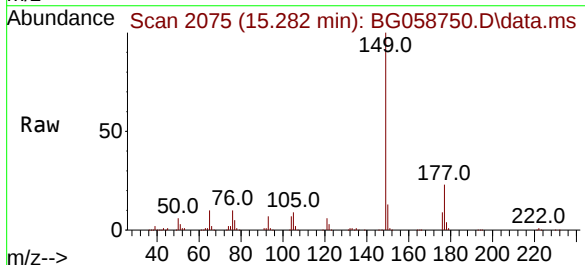
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:232 Resp: 86446
Ion Ratio Lower Upper
232 100
131 39.1 30.0 45.0
130 2.0 1.5 2.3
166 28.6 22.8 34.2



#60
Diethylphthalate
Concen: 44.635 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:149 Resp: 319363
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.5 10.2 15.4

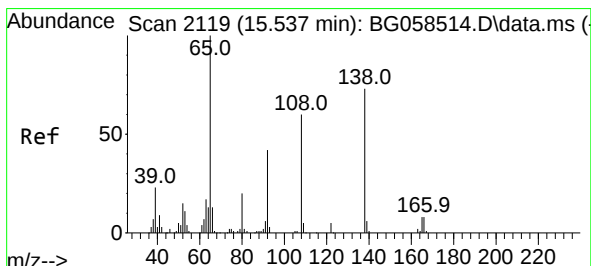
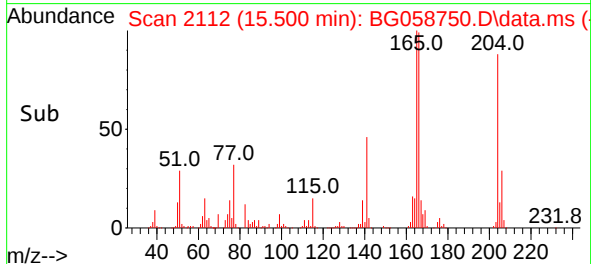
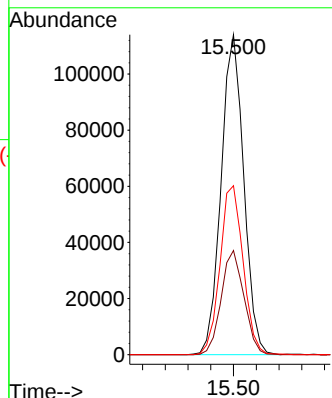
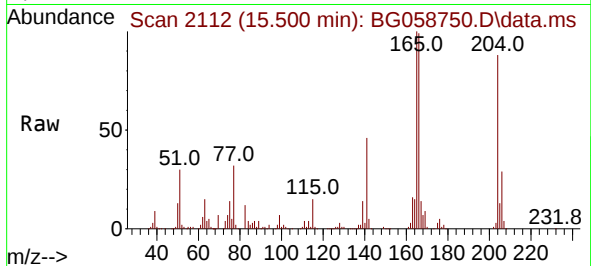




#61
4-Chlorophenyl-phenylether
Concen: 42.735 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

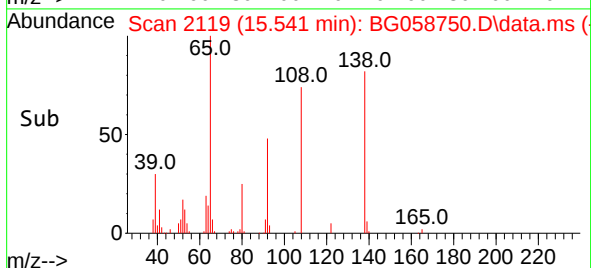
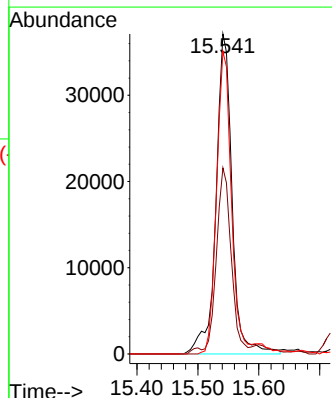
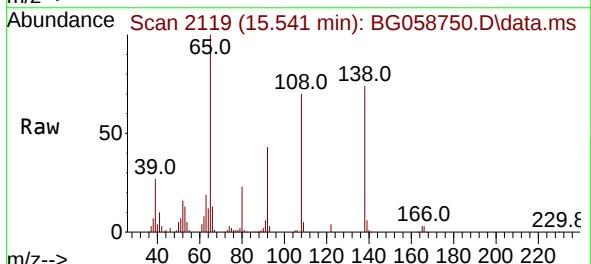
Instrument :
BNA_G
ClientSampleId :
PB154620BS

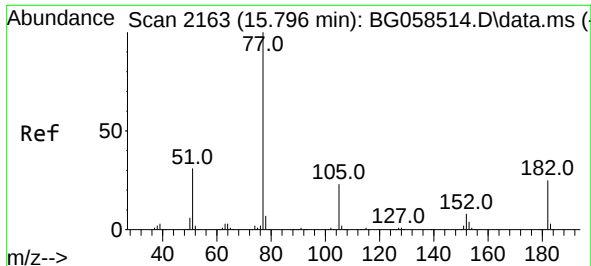
Tgt Ion:204 Resp: 157547
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 52.8 40.8 61.2



#62
4-Nitroaniline
Concen: 46.688 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:138 Resp: 68190
Ion Ratio Lower Upper
138 100
92 58.2 37.3 77.3
108 94.5 62.6 102.6

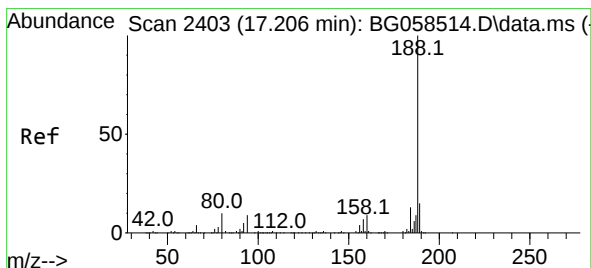
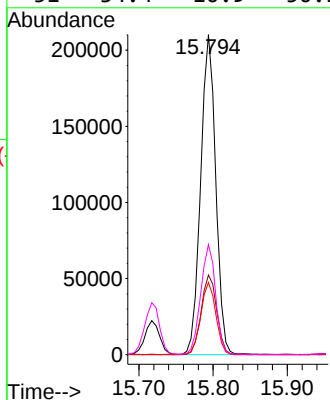
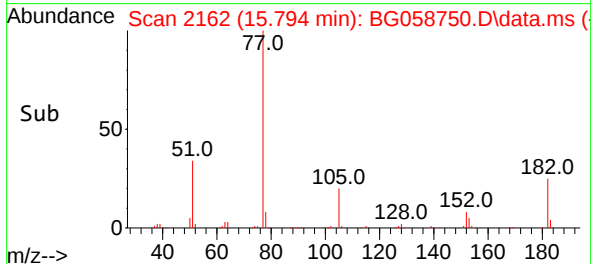
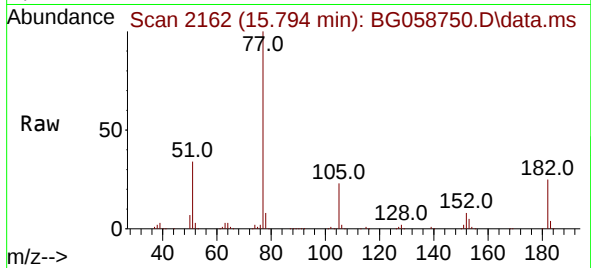




#63
Azobenzene
Concen: 42.054 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

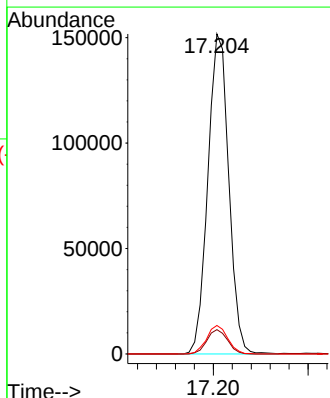
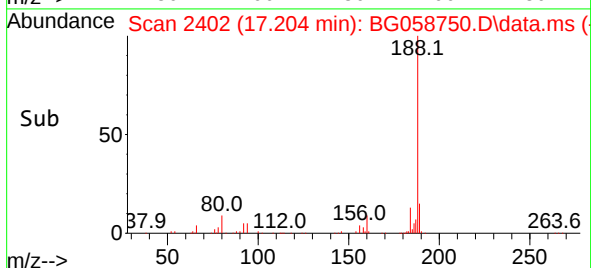
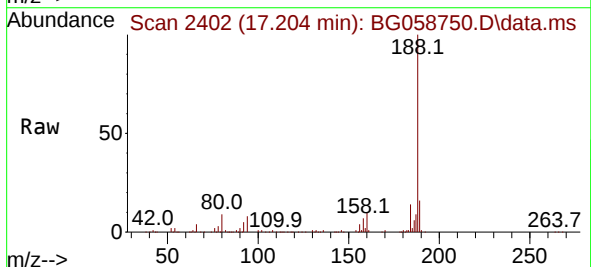
Instrument :
BNA_G
ClientSampleId :
PB154620BS

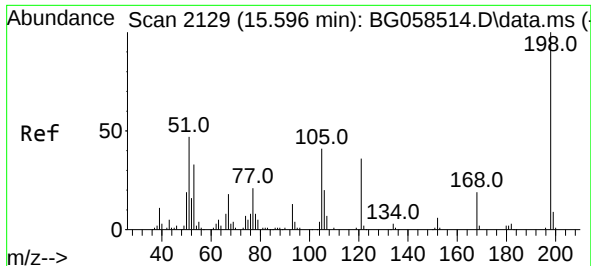
Tgt Ion:	77	Resp:	296376
Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.6	44.6
105	22.6	3.3	43.3
51	34.4	10.9	50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:	188	Resp:	231835
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	8.9	8.1	12.1

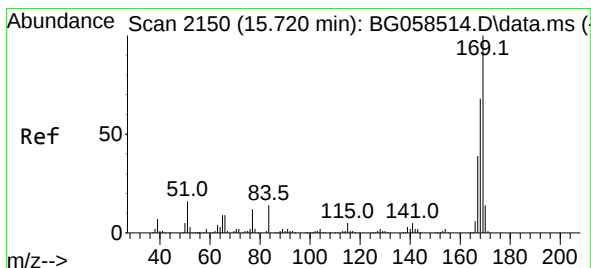
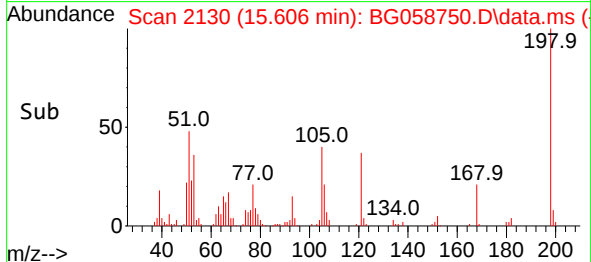
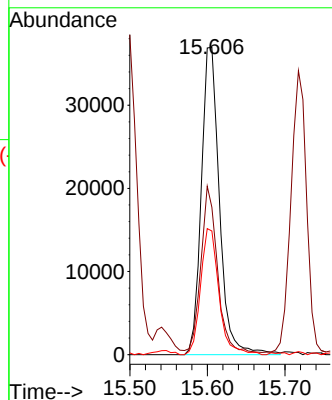
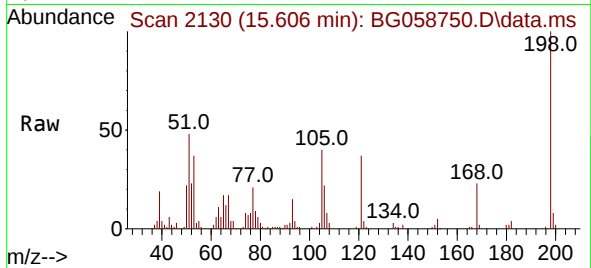




#65
4,6-Dinitro-2-methylphenol
Concen: 47.064 ng
RT: 15.606 min Scan# 2119
Delta R.T. 0.010 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

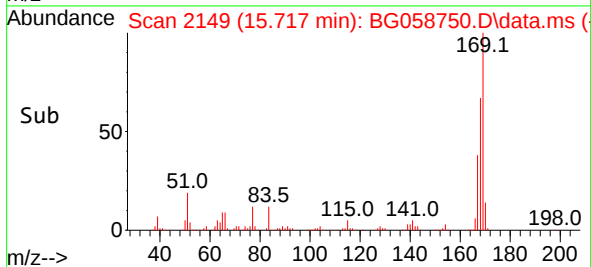
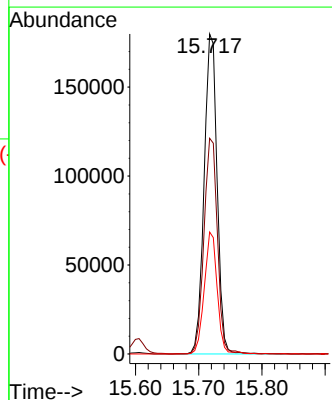
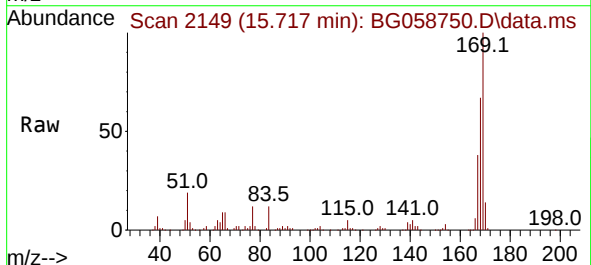
Instrument :
BNA_G
ClientSampleId :
PB154620BS

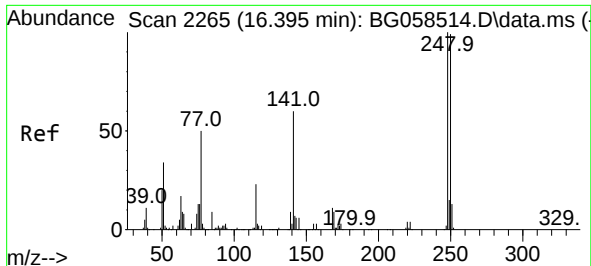
Tgt Ion:198 Resp: 60163
Ion Ratio Lower Upper
198 100
51 47.9 29.3 69.3
105 40.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 42.516 ng
RT: 15.717 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:169 Resp: 256541
Ion Ratio Lower Upper
169 100
168 67.4 54.6 82.0
167 38.1 31.3 46.9





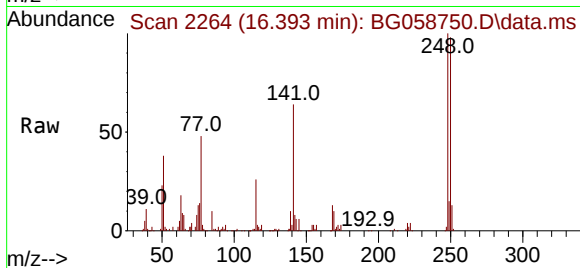
#67
4-Bromophenyl-phenylether
Concen: 41.715 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Instrument :

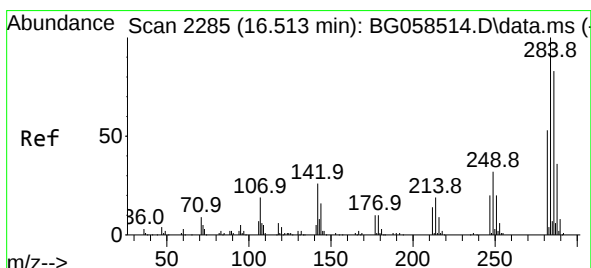
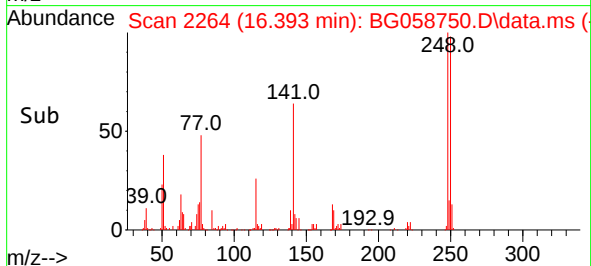
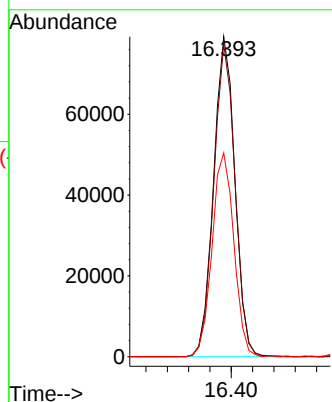
BNA_G

ClientSampleId :

PB154620BS

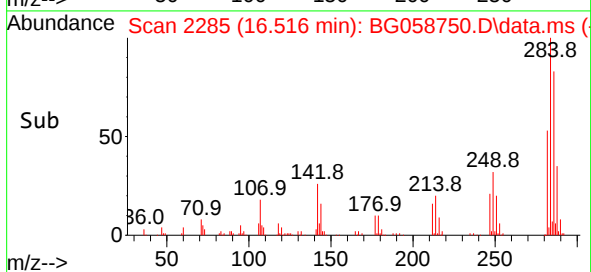
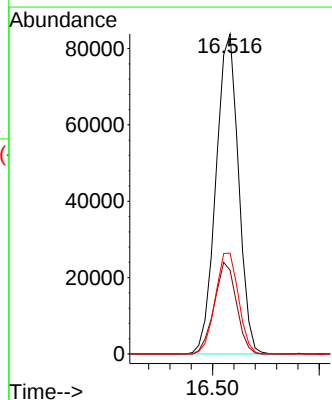
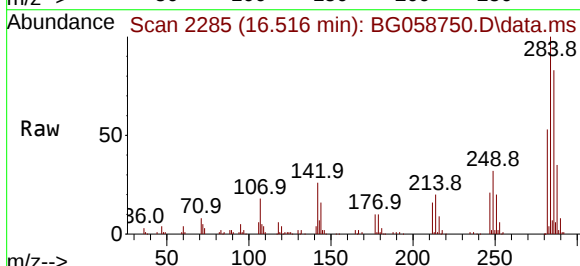


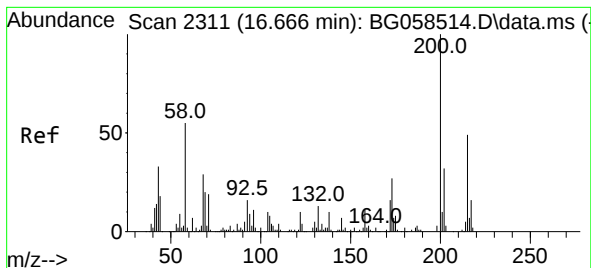
Tgt Ion:248 Resp: 109691
Ion Ratio Lower Upper
248 100
250 97.7 79.5 119.3
141 63.6 48.2 72.2



#68
Hexachlorobenzene
Concen: 44.122 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:284 Resp: 122940
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.4
249 31.5 25.5 38.3





#69

Atrazine

Concen: 53.038 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

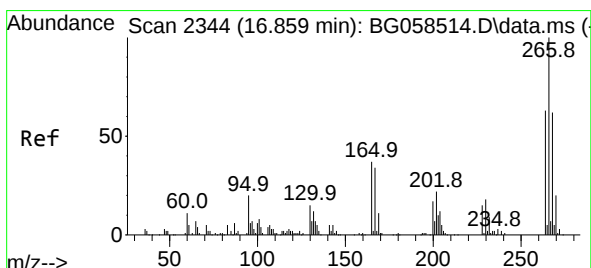
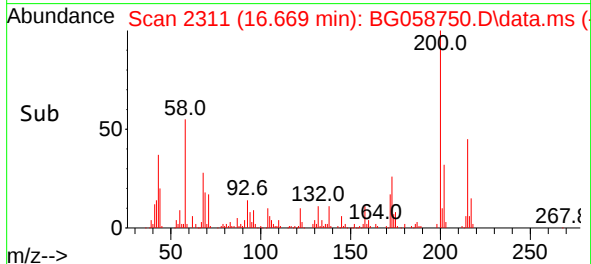
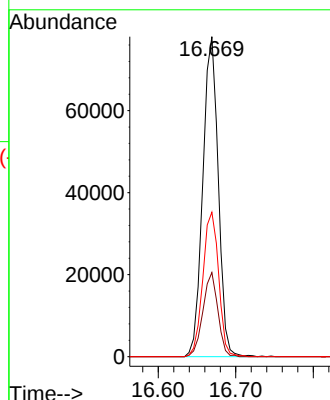
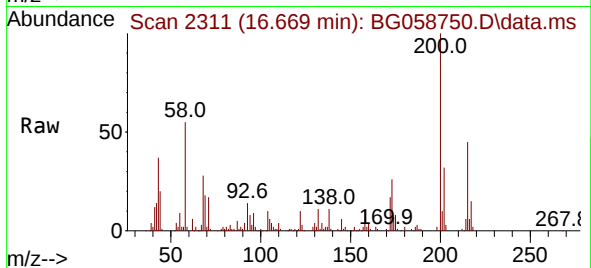
Tgt Ion:200 Resp: 108036

Ion Ratio Lower Upper

200 100

173 26.3 6.5 46.5

215 45.2 28.9 68.9



#70

Pentachlorophenol

Concen: 68.722 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

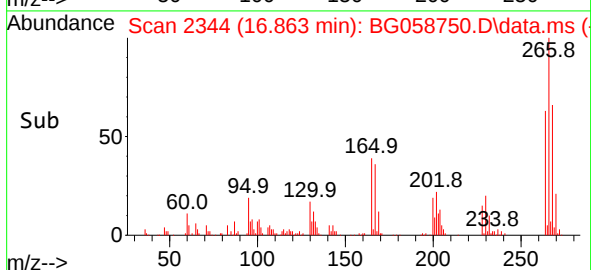
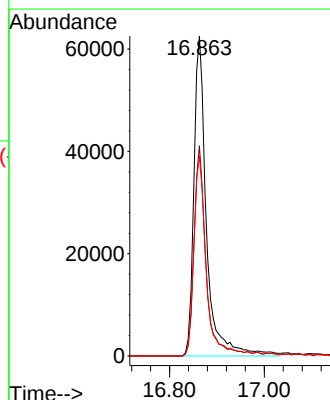
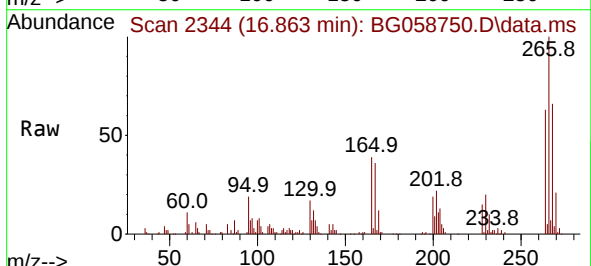
Tgt Ion:266 Resp: 115901

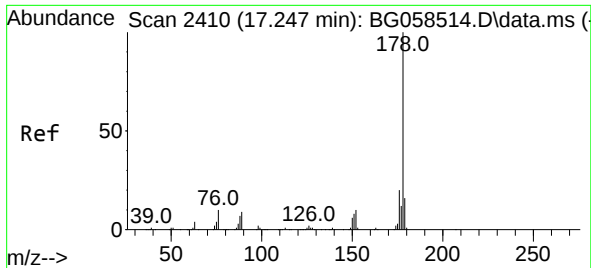
Ion Ratio Lower Upper

266 100

268 65.7 49.9 74.9

264 62.6 50.2 75.4

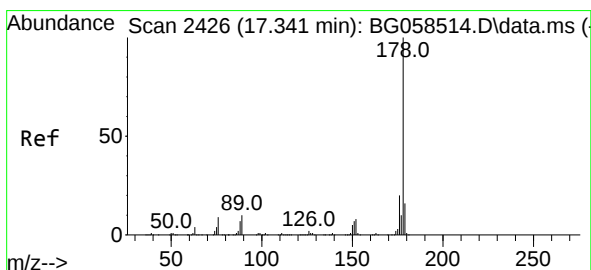
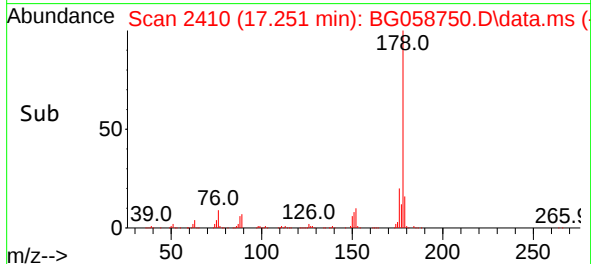
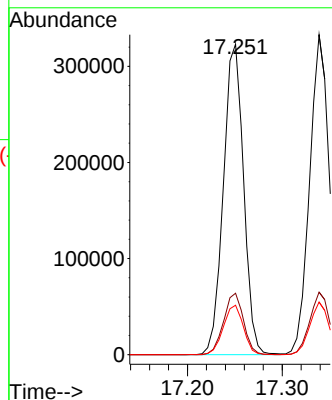
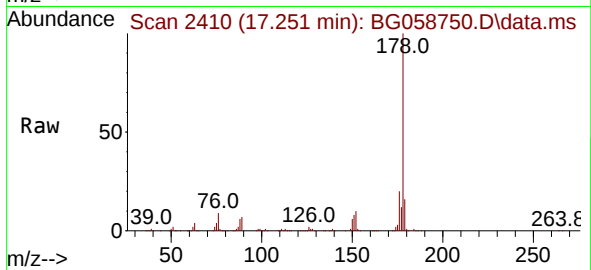




#71
Phenanthrene
Concen: 43.547 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

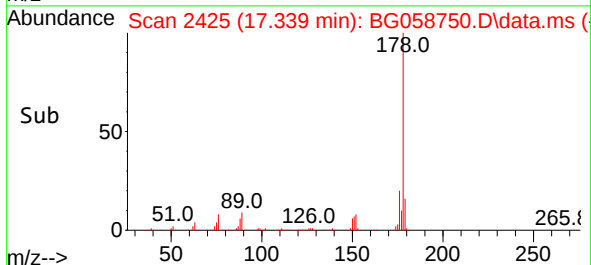
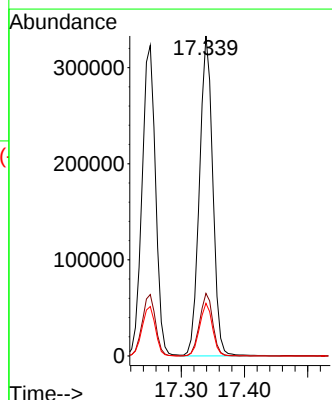
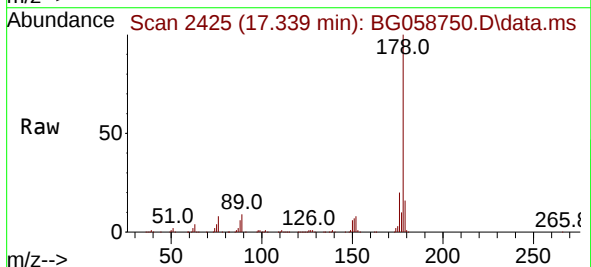
Instrument :
BNA_G
ClientSampleId :
PB154620BS

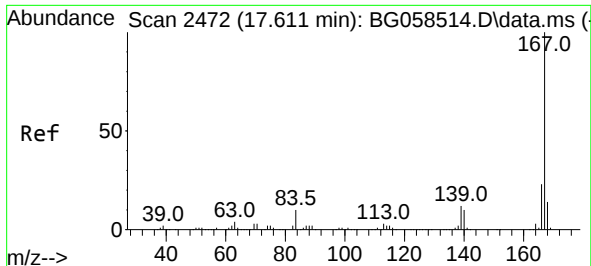
Tgt Ion:178 Resp: 478789
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 15.9 13.1 19.7



#72
Anthracene
Concen: 43.003 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

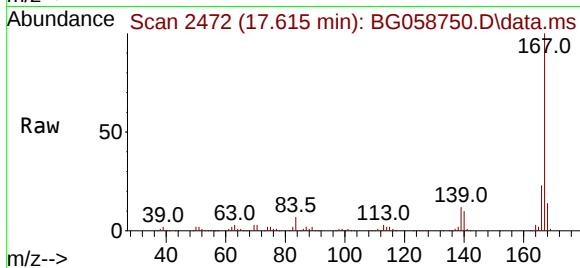
Tgt Ion:178 Resp: 485133
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.4 12.9 19.3





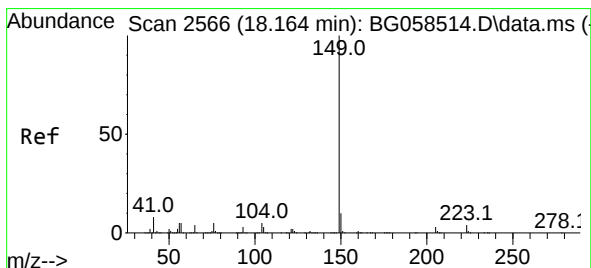
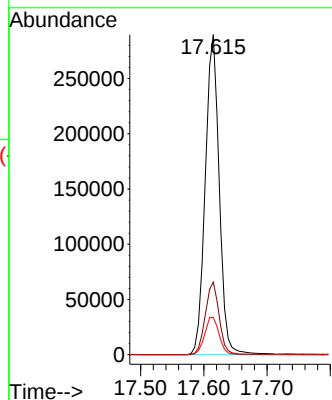
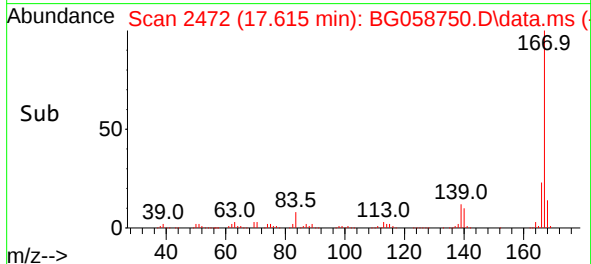
#73
 Carbazole
 Concen: 44.651 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058750.D
 Acq: 16 Aug 2023 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB154620BS

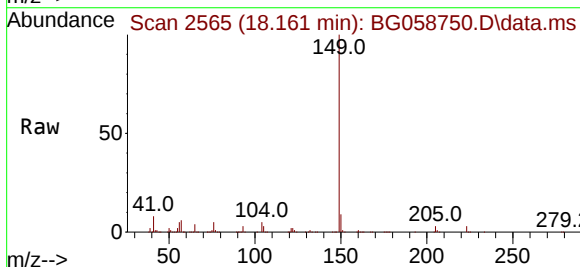


Tgt Ion:167 Resp: 444200

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.4	27.6
139	11.6	10.0	15.0

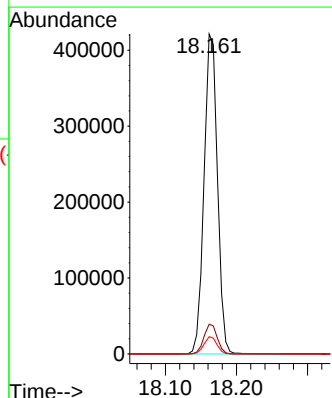
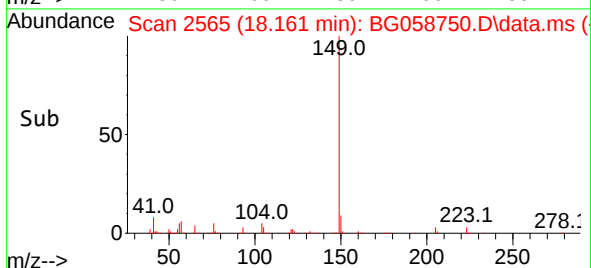


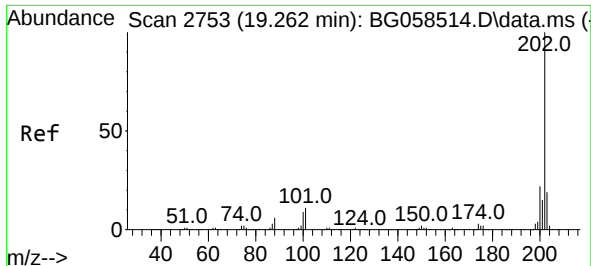
#74
 Di-n-butylphthalate
 Concen: 44.372 ng
 RT: 18.161 min Scan# 2565
 Delta R.T. -0.002 min
 Lab File: BG058750.D
 Acq: 16 Aug 2023 16:06



Tgt Ion:149 Resp: 552902

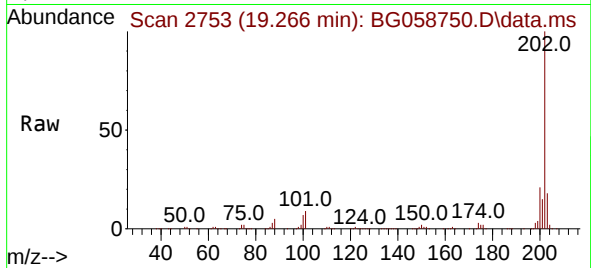
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.4	4.0	6.0



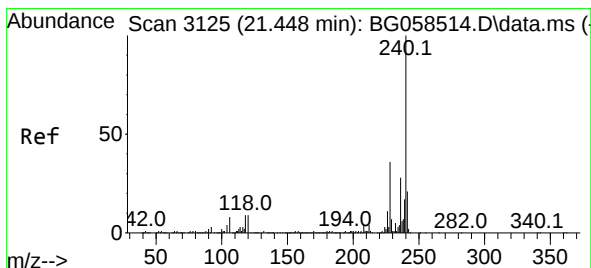
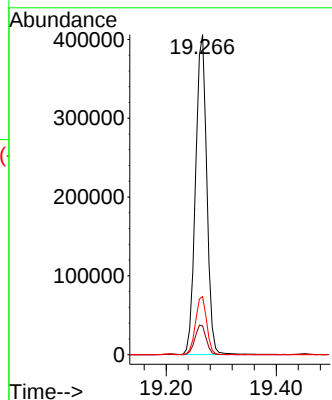
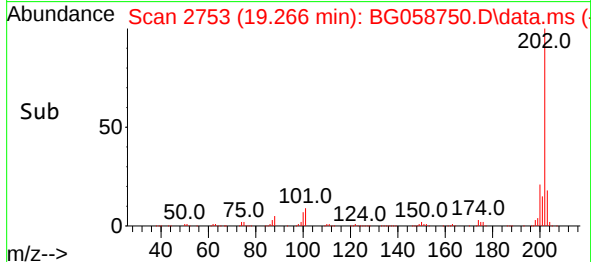


#75
Fluoranthene
Concen: 43.342 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Instrument :
BNA_G
ClientSampleId :
PB154620BS

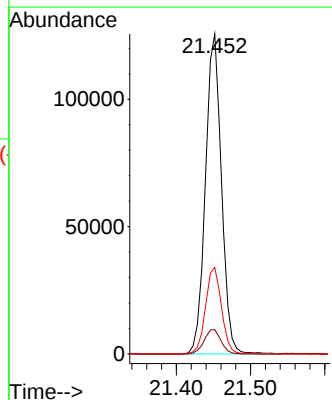
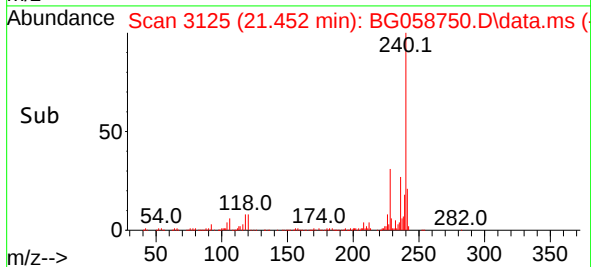
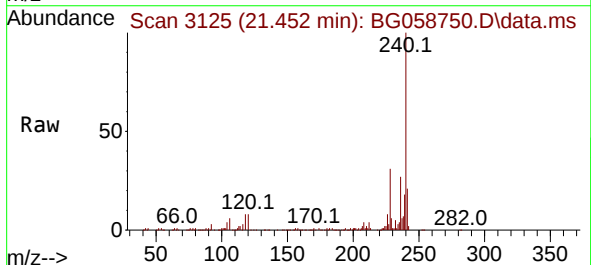


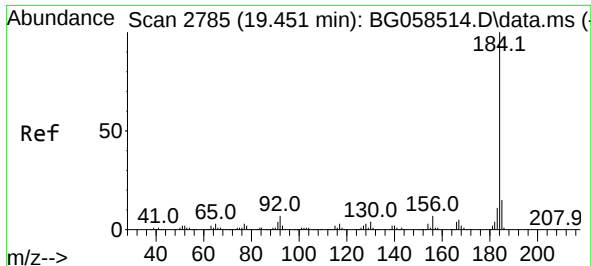
Tgt Ion:202 Resp: 572411
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.4
203 18.1 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:240 Resp: 188915
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 27.1 22.2 33.4

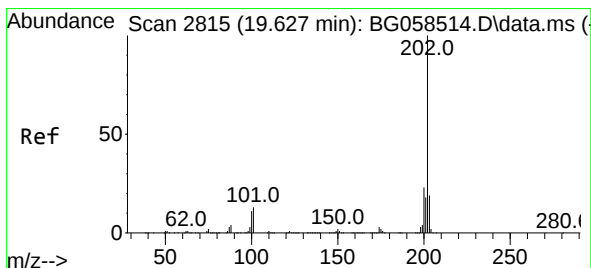
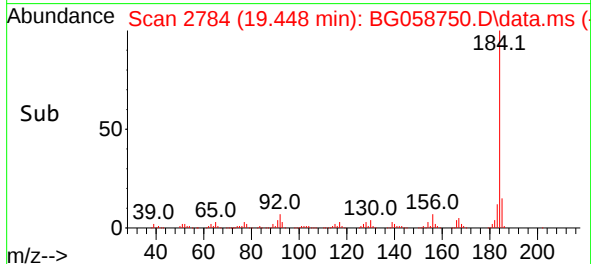
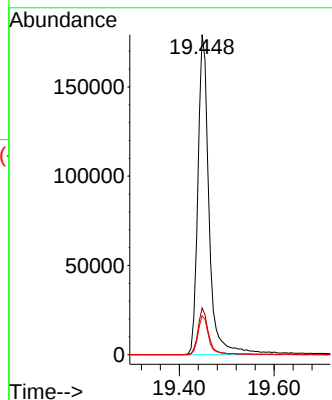
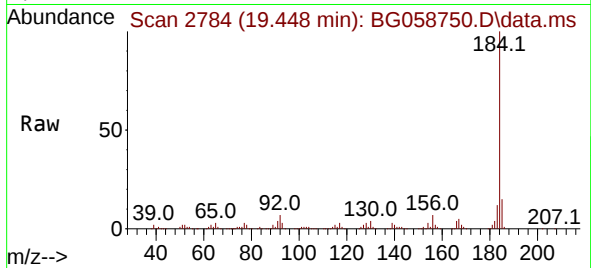




#77
Benzidine
Concen: 102.767 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

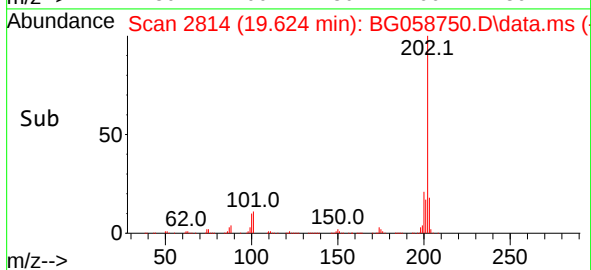
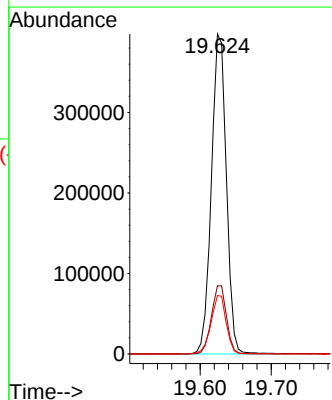
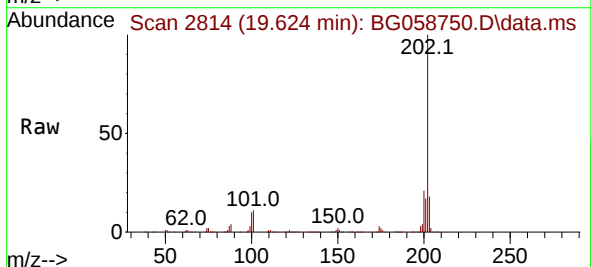
Instrument :
BNA_G
ClientSampleId :
PB154620BS

Tgt Ion:184 Resp: 294397
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.2 8.7 13.1



#78
Pyrene
Concen: 45.241 ng
RT: 19.624 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:202 Resp: 581656
Ion Ratio Lower Upper
202 100
200 21.3 18.2 27.2
203 18.3 15.1 22.7

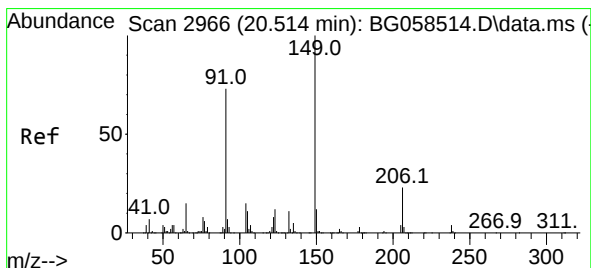
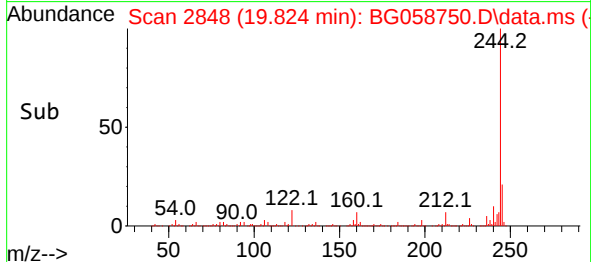
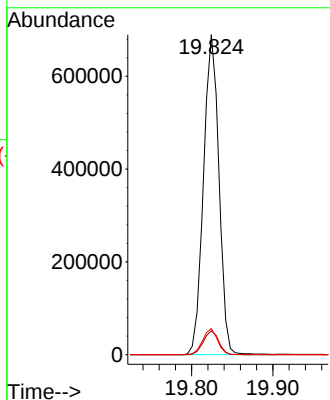
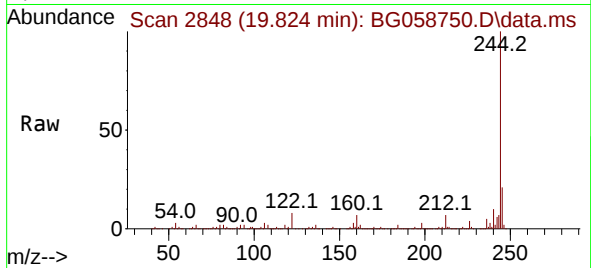




#79
 Terphenyl-d14
 Concen: 90.461 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058750.D
 Acq: 16 Aug 2023 16:06

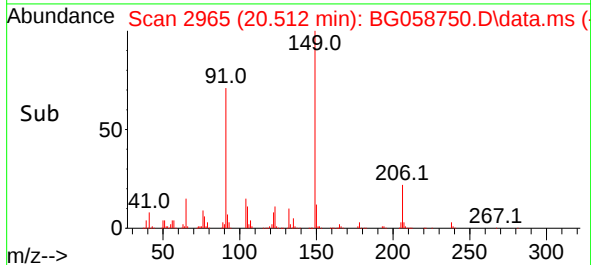
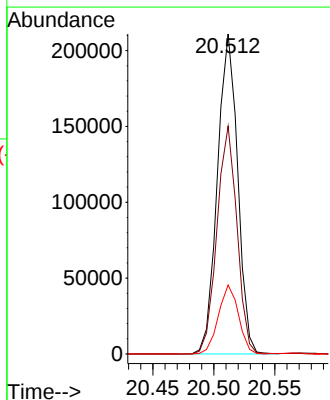
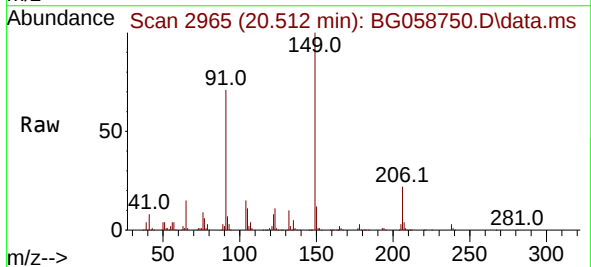
Instrument :
 BNA_G
 ClientSampleId :
 PB154620BS

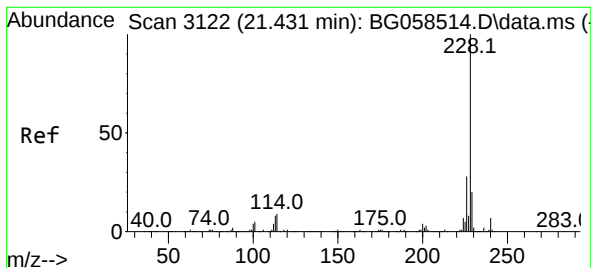
Tgt Ion:244 Resp: 908762
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.1 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 46.258 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058750.D
 Acq: 16 Aug 2023 16:06

Tgt Ion:149 Resp: 244289
 Ion Ratio Lower Upper
 149 100
 91 71.2 58.4 87.6
 206 21.5 18.3 27.5





#81

Benzo(a)anthracene

Concen: 45.335 ng

RT: 21.428 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

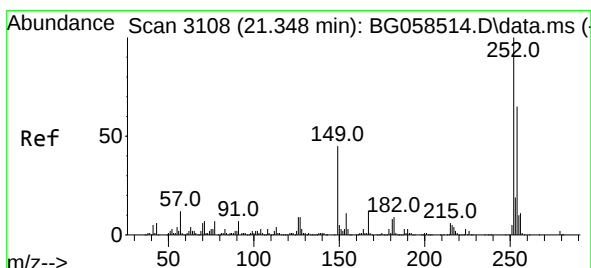
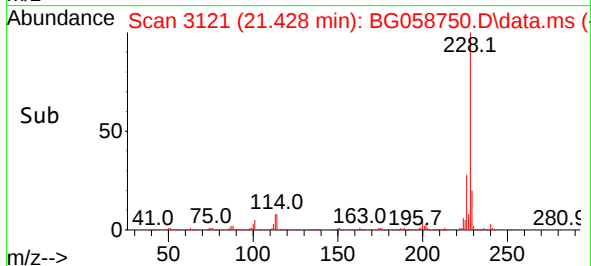
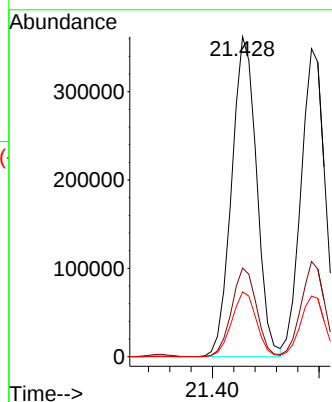
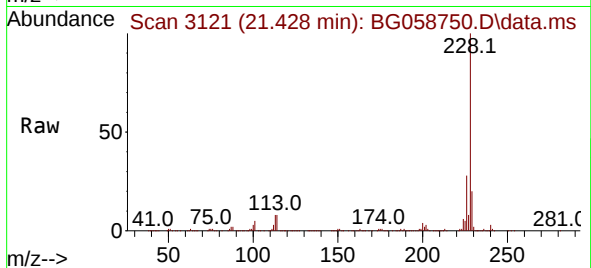
Tgt Ion:228 Resp: 589393

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

229 20.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 47.091 ng

RT: 21.352 min Scan# 3108

Delta R.T. 0.004 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

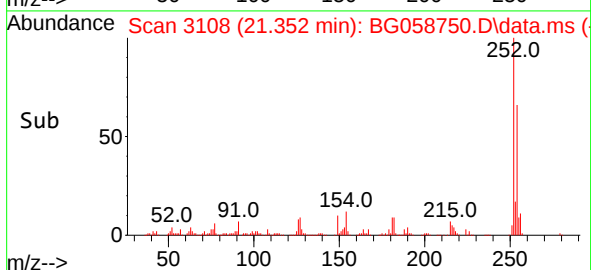
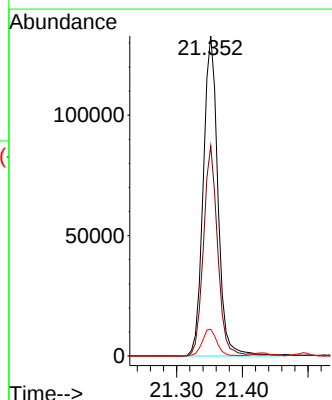
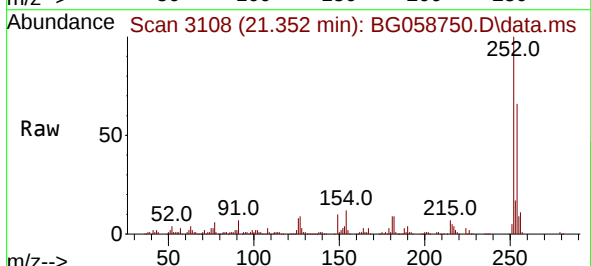
Tgt Ion:252 Resp: 207000

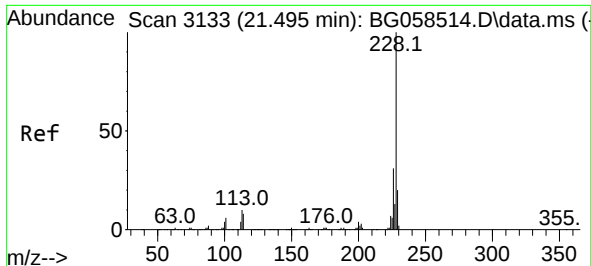
Ion Ratio Lower Upper

252 100

254 65.7 52.2 78.4

126 8.4 7.2 10.8





#83

Chrysene

Concen: 43.958 ng

RT: 21.493 min Scan# 3133

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

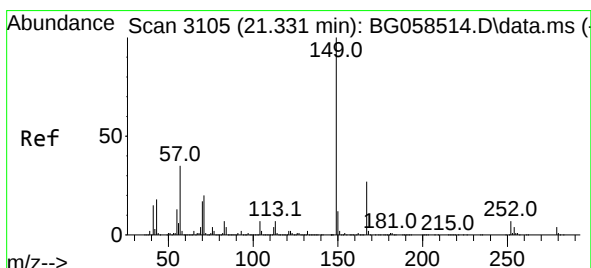
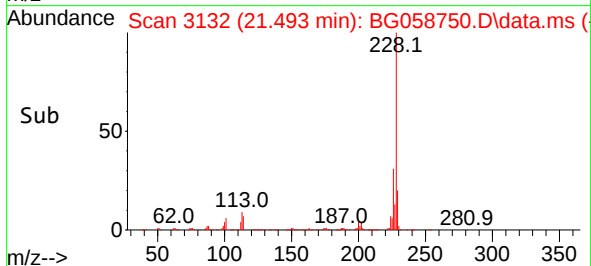
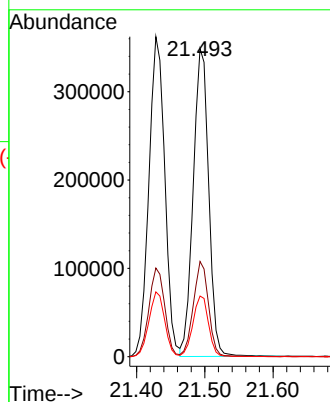
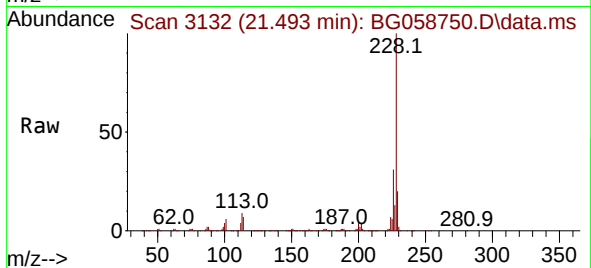
Tgt Ion:228 Resp: 547947

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 19.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.898 ng

RT: 21.334 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

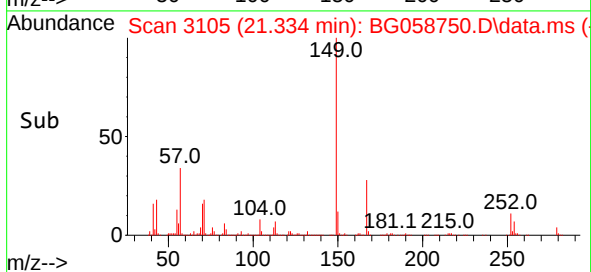
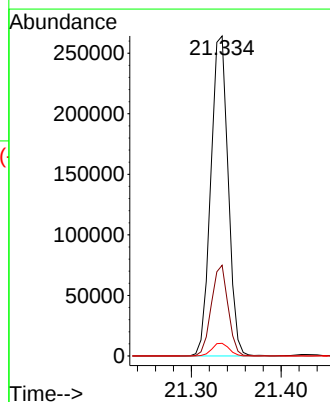
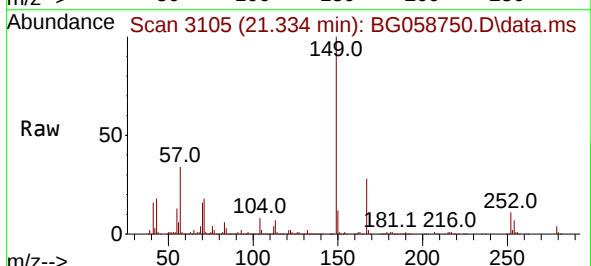
Tgt Ion:149 Resp: 354209

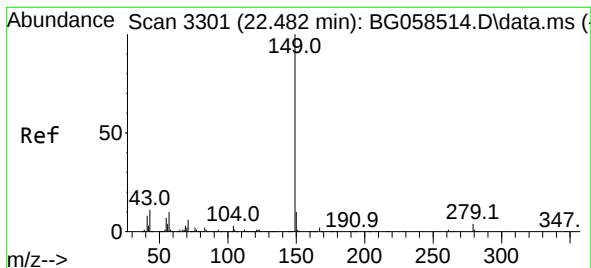
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.994 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

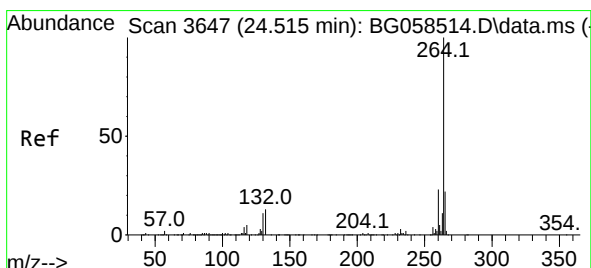
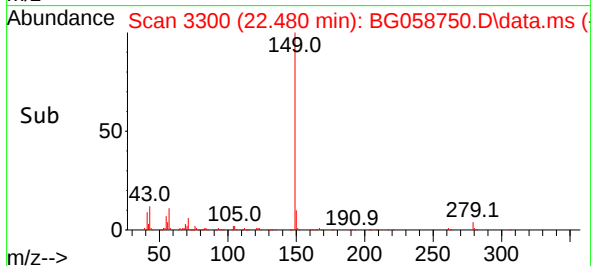
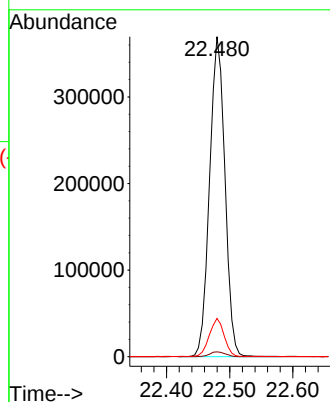
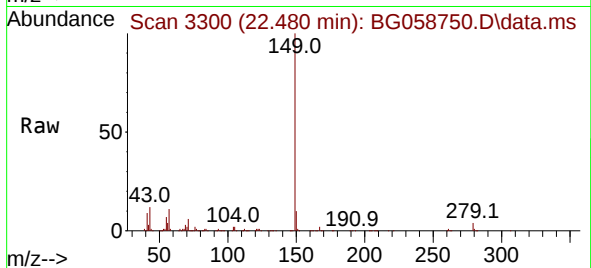
Tgt Ion:149 Resp: 624045

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.519 min Scan# 3647

Delta R.T. 0.004 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

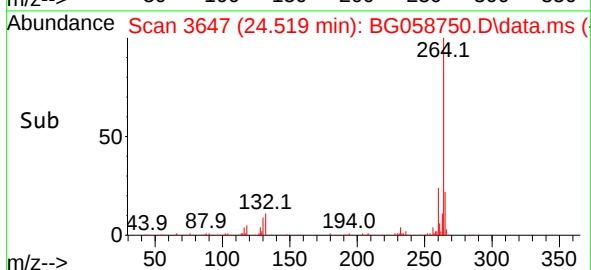
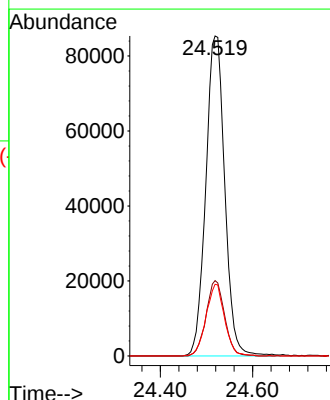
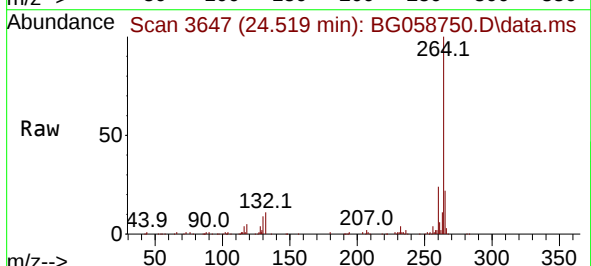
Tgt Ion:264 Resp: 244556

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.223 ng

RT: 28.026 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

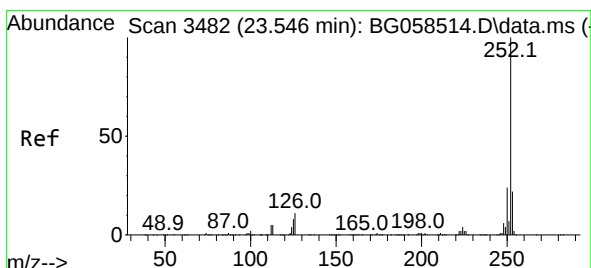
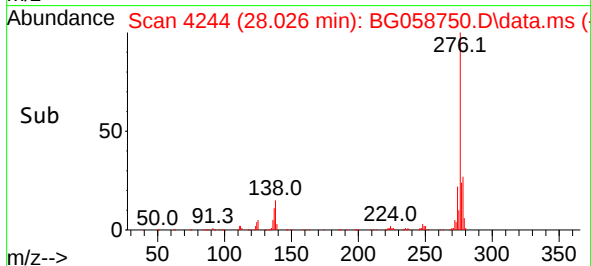
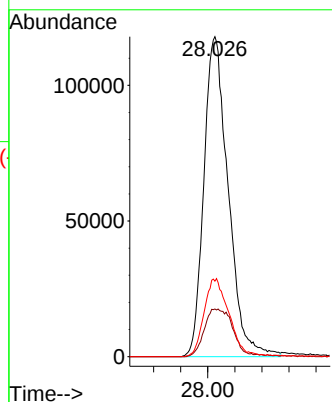
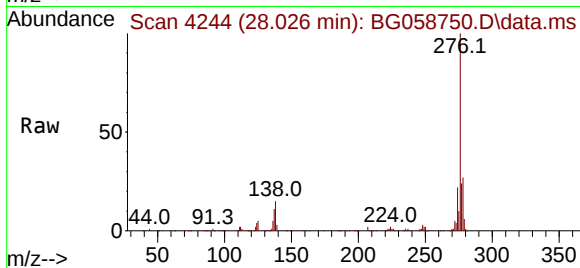
Tgt Ion:276 Resp: 735756

Ion Ratio Lower Upper

276 100

138 17.3 16.0 24.0

277 24.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.113 ng

RT: 23.543 min Scan# 3481

Delta R.T. -0.002 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

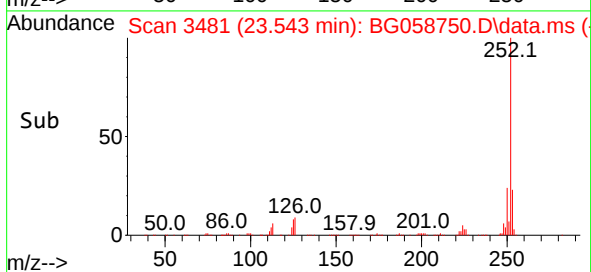
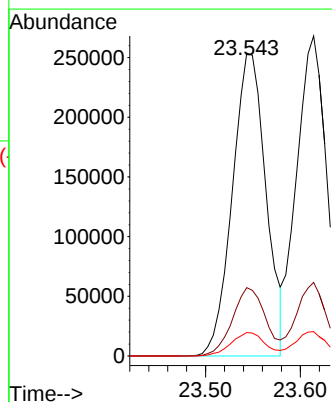
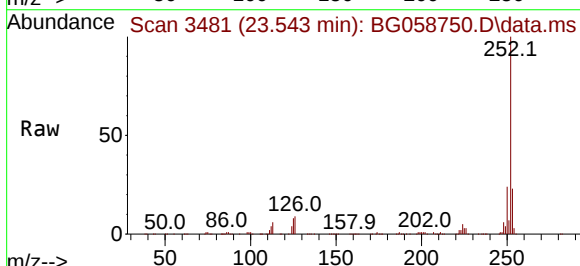
Tgt Ion:252 Resp: 624911

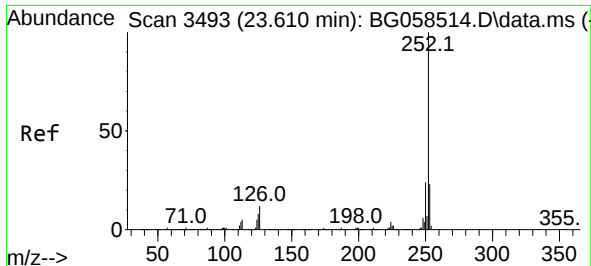
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 7.7 6.6 9.8

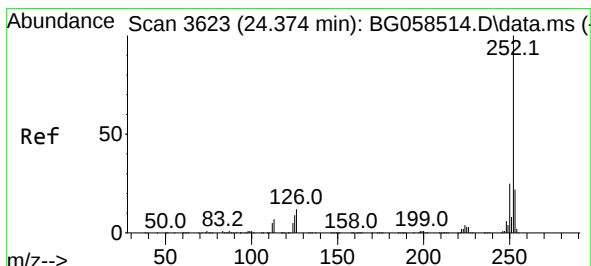
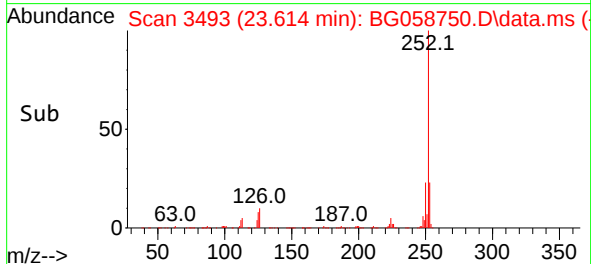
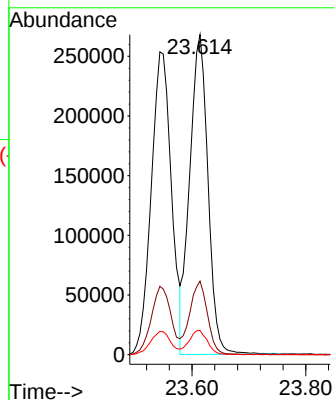
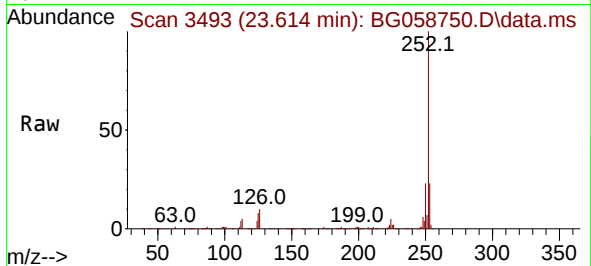




#89
Benzo(k)fluoranthene
Concen: 44.891 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

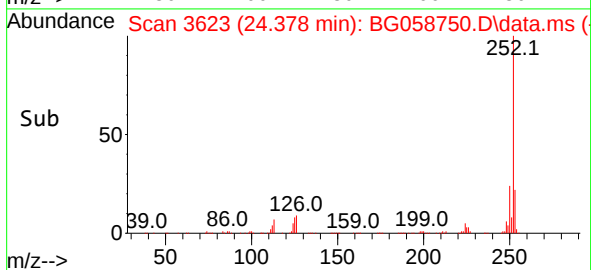
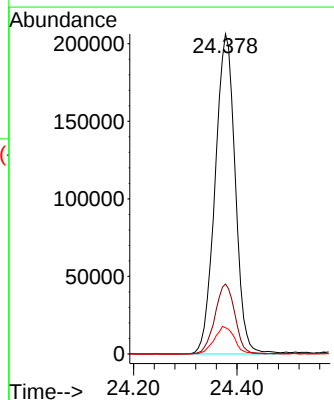
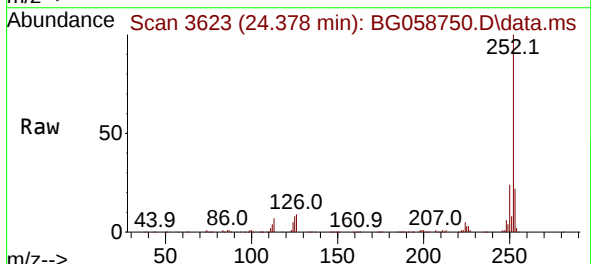
Instrument :
BNA_G
ClientSampleId :
PB154620BS

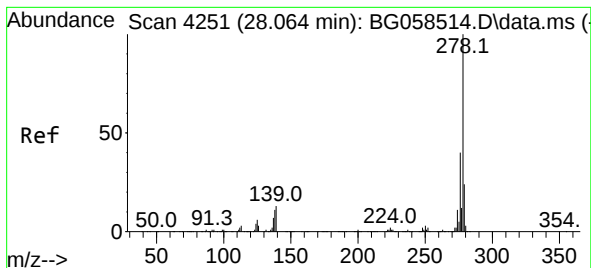
Tgt Ion:252 Resp: 598180
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 7.6 6.6 10.0



#90
Benzo(a)pyrene
Concen: 42.657 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058750.D
Acq: 16 Aug 2023 16:06

Tgt Ion:252 Resp: 555659
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.410 ng

RT: 28.073 min Scan# 41

Delta R.T. 0.009 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

PB154620BS

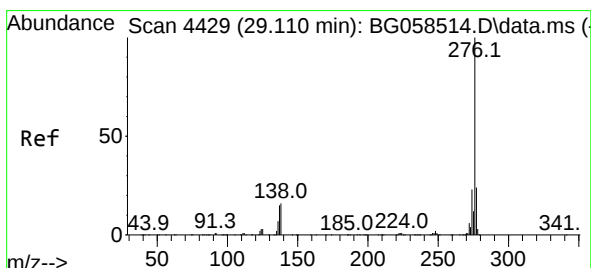
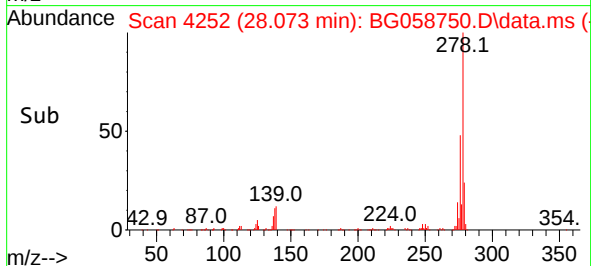
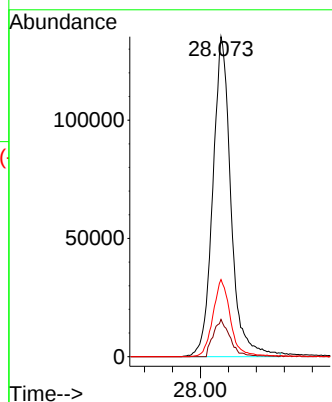
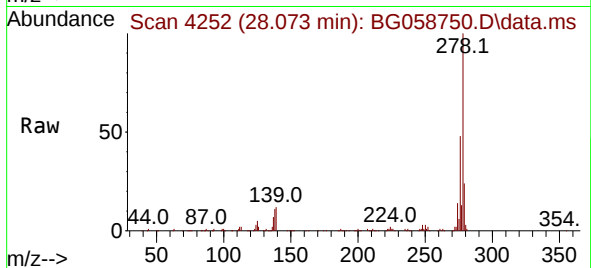
Tgt Ion:278 Resp: 610882

Ion Ratio Lower Upper

278 100

139 11.6 10.4 15.6

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 41.927 ng

RT: 29.119 min Scan# 4430

Delta R.T. 0.009 min

Lab File: BG058750.D

Acq: 16 Aug 2023 16:06

Tgt Ion:276 Resp: 565585

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 14.5 13.0 19.4

