

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058751.D
 Acq On : 16 Aug 2023 16:47
 Operator : MA/JU
 Sample : PB154435BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154435BS

Quant Time: Aug 16 17:58:12 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	7.805	152	26390	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	112399	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	85360	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	215755	20.000	ng	0.00
76) Chrysene-d12	21.448	240	182246	20.000	ng	0.00
86) Perylene-d12	24.521	264	229448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	247696	143.461	ng	0.00
7) Phenol-d6	6.988	99	341938	142.326	ng	0.00
23) Nitrobenzene-d5	8.974	82	211827	92.581	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	188002	134.372	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	506436	88.911	ng	0.00
79) Terphenyl-d14	19.826	244	943655	97.372	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	27731	33.145	ng	# 87
3) Pyridine	3.657	79	71075	31.160	ng	# 77
4) n-Nitrosodimethylamine	3.580	42	48757	50.449	ng	83
6) Aniline	7.135	93	84974	28.727	ng	96
8) 2-Chlorophenol	7.376	128	89830	53.034	ng	97
9) Benzaldehyde	6.947	77	45991	35.235	ng	95
10) Phenol	7.012	94	123141	52.470	ng	94
11) bis(2-Chloroethyl)ether	7.235	93	82829	44.768	ng	96
12) 1,3-Dichlorobenzene	7.699	146	86012	47.555	ng	98
13) 1,4-Dichlorobenzene	7.846	146	88280	48.610	ng	98
14) 1,2-Dichlorobenzene	8.163	146	85864	49.452	ng	98
15) Benzyl Alcohol	8.052	79	91190	59.851	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	175493	58.392	ng	93
17) 2-Methylphenol	8.263	107	85253	49.682	ng	98
18) Hexachloroethane	8.886	117	32439	49.143	ng	98
19) n-Nitroso-di-n-propyla...	8.616	70	72639	46.808	ng	91
20) 3+4-Methylphenols	8.586	107	115338	49.691	ng	98
22) Acetophenone	8.633	105	142784	47.443	ng	93
24) Nitrobenzene	9.021	77	108360	46.585	ng	95
25) Isophorone	9.538	82	215878	45.665	ng	99
26) 2-Nitrophenol	9.726	139	48666	48.064	ng	93
27) 2,4-Dimethylphenol	9.791	122	82714	49.249	ng	95
28) bis(2-Chloroethoxy)met...	10.020	93	116413	45.249	ng	99
29) 2,4-Dichlorophenol	10.267	162	94263	54.055	ng	97
30) 1,2,4-Trichlorobenzene	10.472	180	97352	48.408	ng	98
31) Naphthalene	10.660	128	275625	46.526	ng	99
32) Benzoic acid	9.967	122	52333	41.499	ng	98
33) 4-Chloroaniline	10.778	127	55998	22.373	ng	97
34) Hexachlorobutadiene	10.937	225	64257	49.615	ng	98
35) Caprolactam	11.559	113	24181	37.551	ng	# 74
36) 4-Chloro-3-methylphenol	11.912	107	116040	53.793	ng	96
37) 2-Methylnaphthalene	12.276	142	193124	45.574	ng	96
38) 1-Methylnaphthalene	12.499	142	189159	46.959	ng	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	117400	44.798	ng	99
41) Hexachlorocyclopentadiene	12.623	237	97278	79.926	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	85690	47.539	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058751.D
 Acq On : 16 Aug 2023 16:47
 Operator : MA/JU
 Sample : PB154435BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

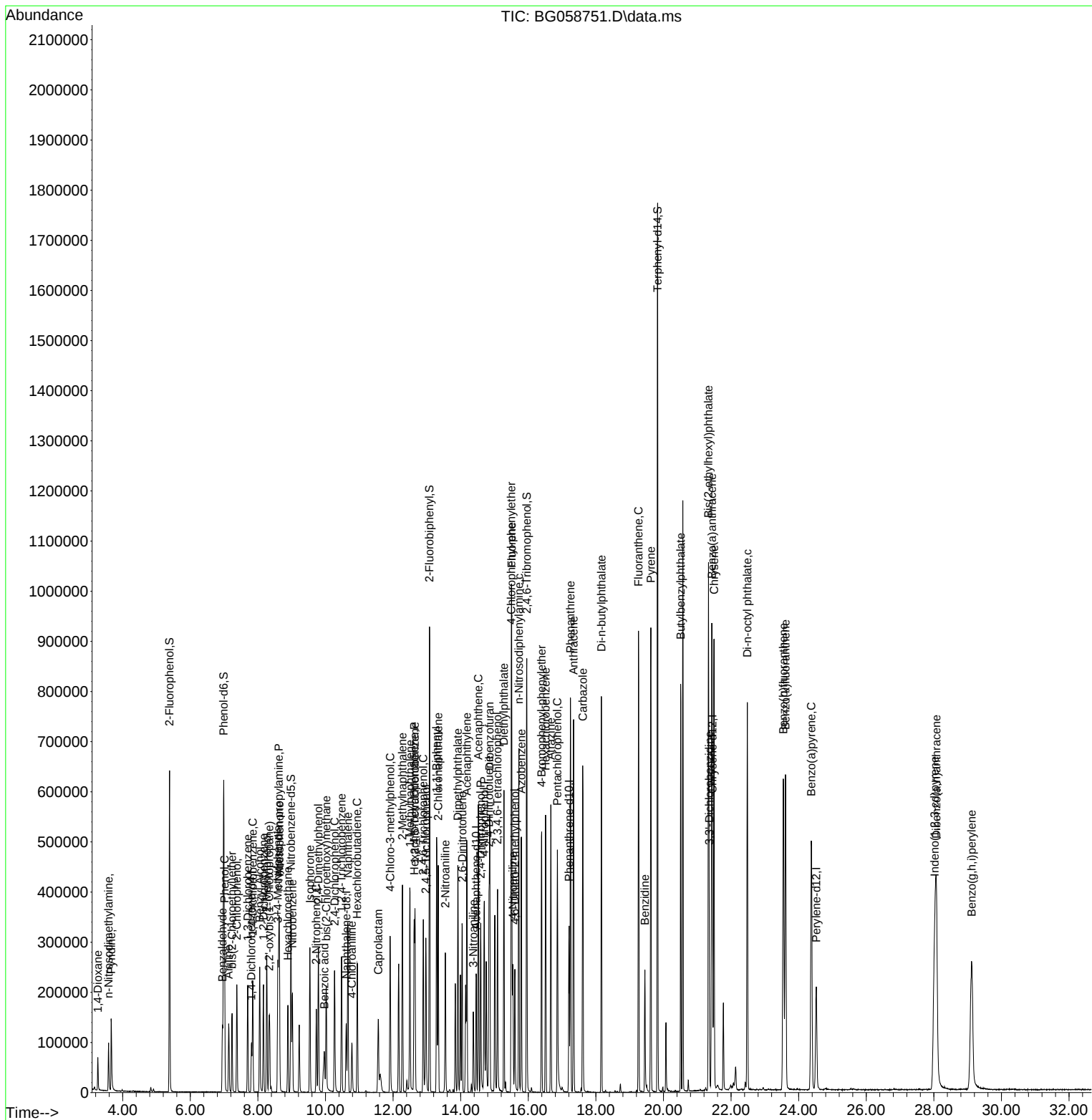
Instrument :
 BNA_G
 ClientSampleId :
 PB154435BS

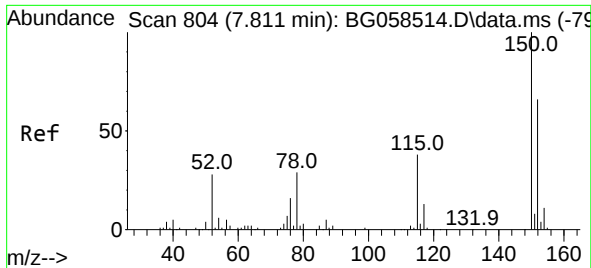
Quant Time: Aug 16 17:58:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	96966	45.672	ng	98
46) 1,1'-Biphenyl	13.287	154	267393	45.614	ng	99
47) 2-Chloronaphthalene	13.334	162	213256	46.657	ng	98
48) 2-Nitroaniline	13.545	65	87740	50.292	ng	98
49) Acenaphthylene	14.180	152	363518	47.504	ng	99
50) Dimethylphthalate	13.915	163	307256	47.928	ng	99
51) 2,6-Dinitrotoluene	14.045	165	70314	49.987	ng	98
52) Acenaphthene	14.521	154	203285	45.974	ng	99
53) 3-Nitroaniline	14.374	138	39010	27.719	ng	91
54) 2,4-Dinitrophenol	14.591	184	77039	95.550	ng	94
55) Dibenzofuran	14.855	168	355582	46.800	ng	98
56) 4-Nitrophenol	14.697	139	99292	94.582	ng	87
57) 2,4-Dinitrotoluene	14.838	165	99885	51.220	ng	# 98
58) Fluorene	15.508	166	291294	48.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.090	232	88179	48.673	ng	97
60) Diethylphthalate	15.278	149	325208	49.795	ng	99
61) 4-Chlorophenyl-phenylether	15.496	204	158618	47.137	ng	95
62) 4-Nitroaniline	15.543	138	68549	51.418	ng	93
63) Azobenzene	15.790	77	300932	46.781	ng	96
65) 4,6-Dinitro-2-methylph...	15.602	198	59158	49.727	ng	98
66) n-Nitrosodiphenylamine	15.719	169	261159	46.507	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	110935	45.333	ng	98
68) Hexachlorobenzene	16.512	284	124642	48.067	ng	96
69) Atrazine	16.665	200	108678	57.330	ng	97
70) Pentachlorophenol	16.859	266	117009	74.549	ng	98
71) Phenanthrene	17.247	178	481857	47.093	ng	99
72) Anthracene	17.341	178	489547	46.628	ng	99
73) Carbazole	17.611	167	448115	48.402	ng	99
74) Di-n-butylphthalate	18.163	149	560831	48.363	ng	99
75) Fluoranthene	19.262	202	586797	47.742	ng	97
77) Benzidine	19.450	184	167028	60.439	ng	98
78) Pyrene	19.626	202	594672	47.946	ng	98
80) Butylbenzylphthalate	20.508	149	250455	49.161	ng	99
81) Benzo(a)anthracene	21.430	228	597416	47.633	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	156633	36.937	ng	99
83) Chrysene	21.495	228	560714	46.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	363242	48.791	ng	99
85) Di-n-octyl phthalate	22.482	149	634003	48.438	ng	96
87) Indeno(1,2,3-cd)pyrene	28.022	276	747743	48.986	ng	98
88) Benzo(b)fluoranthene	23.545	252	648937	52.145	ng	100
89) Benzo(k)fluoranthene	23.610	252	602384	48.183	ng	99
90) Benzo(a)pyrene	24.374	252	566151	46.324	ng	99
91) Dibenzo(a,h)anthracene	28.075	278	628228	49.774	ng	98
92) Benzo(g,h,i)perylene	29.115	276	588066	46.464	ng	99

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

Quant Time: Aug 16 17:58:12 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

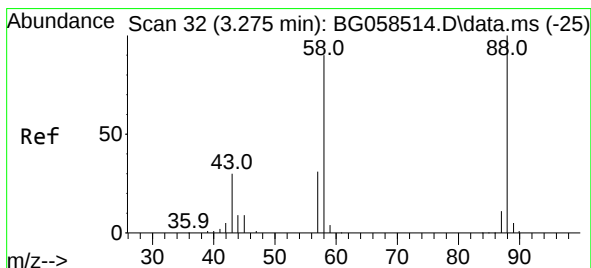
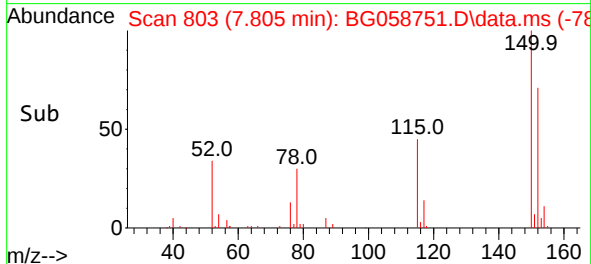
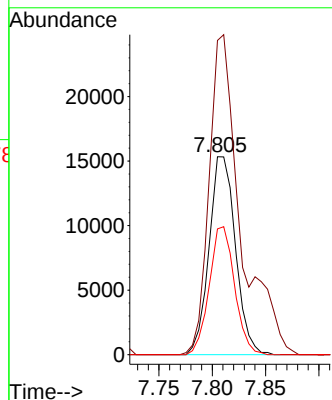
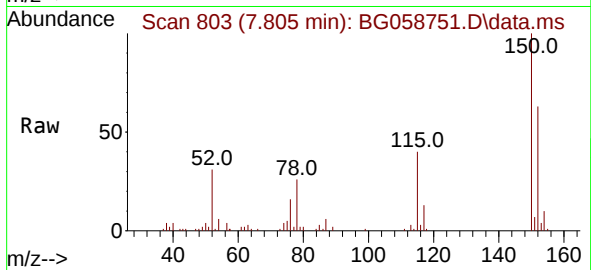




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

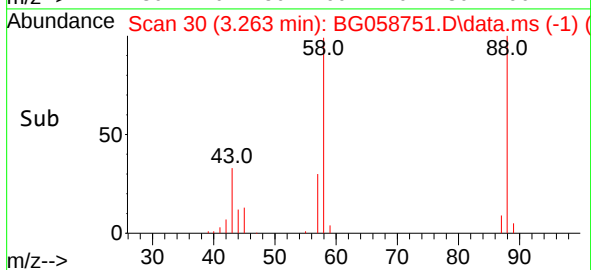
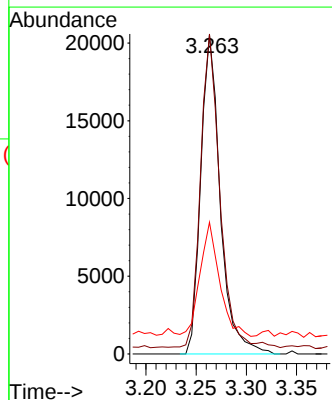
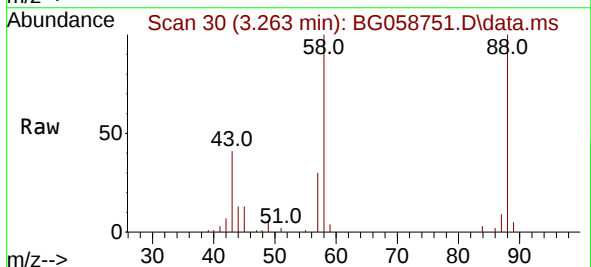
Instrument :
BNA_G
ClientSampleId :
PB154435BS

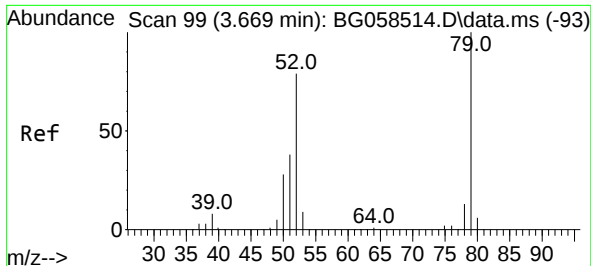
Tgt Ion:152 Resp: 26390
Ion Ratio Lower Upper
152 100
150 158.8 120.5 180.7
115 63.5 45.9 68.9



#2
1,4-Dioxane
Concen: 33.145 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 88 Resp: 27731
Ion Ratio Lower Upper
88 100
58 97.5 68.9 103.3
43 35.9 22.9 34.3#

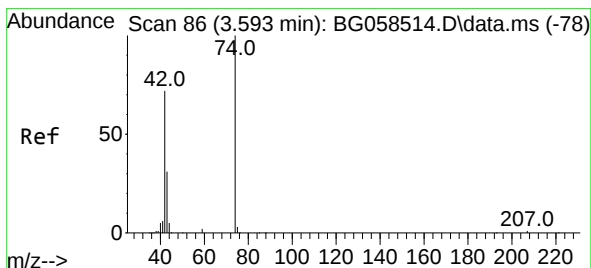
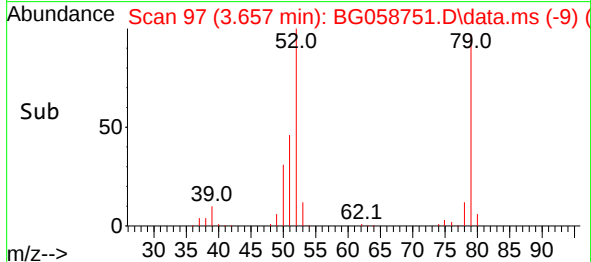
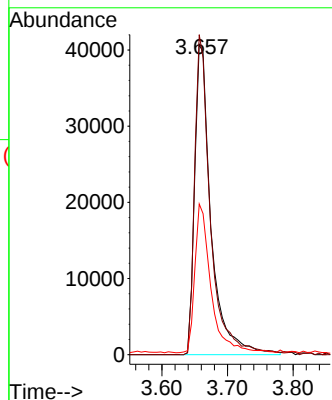
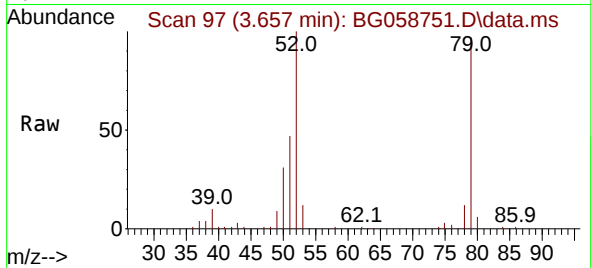




#3
 Pyridine
 Concen: 31.160 ng
 RT: 3.657 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

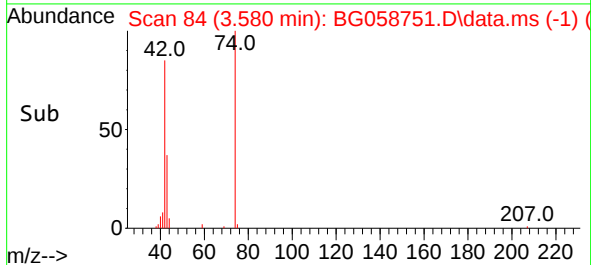
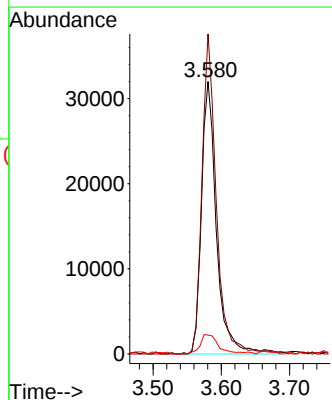
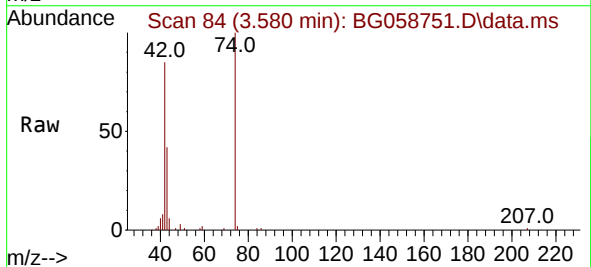
Instrument :
 BNA_G
 ClientSampleId :
 PB154435BS

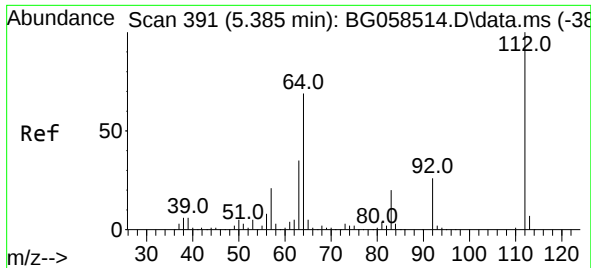
Tgt Ion: 79 Resp: 71075
 Ion Ratio Lower Upper
 79 100
 52 103.1 63.2 94.8#
 51 48.6 31.9 47.9#



#4
 n-Nitrosodimethylamine
 Concen: 50.449 ng
 RT: 3.580 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

Tgt Ion: 42 Resp: 48757
 Ion Ratio Lower Upper
 42 100
 74 117.5 111.5 167.3
 44 6.9 5.4 8.2

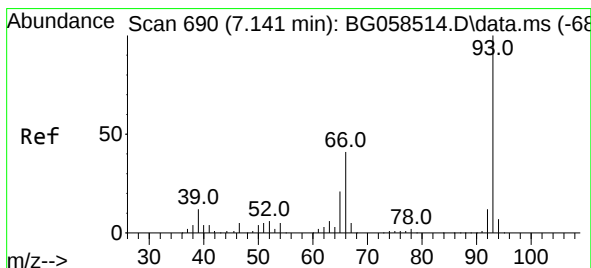
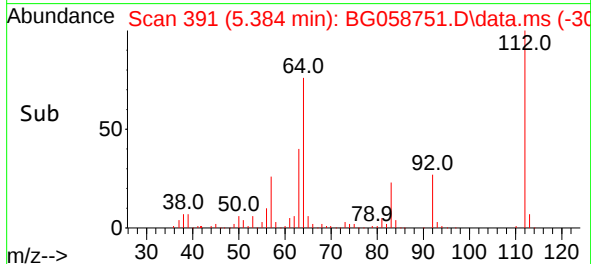
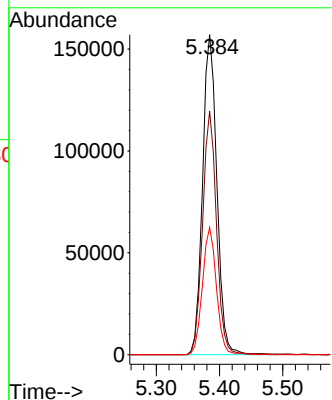
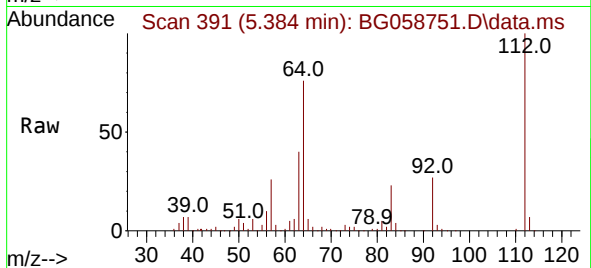




#5
2-Fluorophenol
Concen: 143.461 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

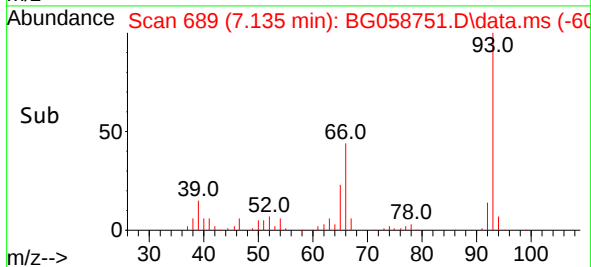
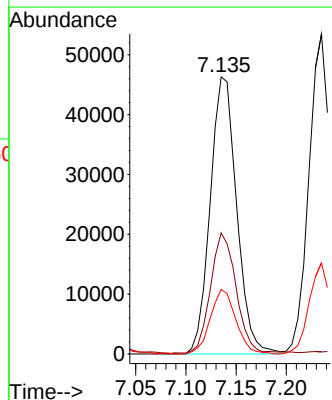
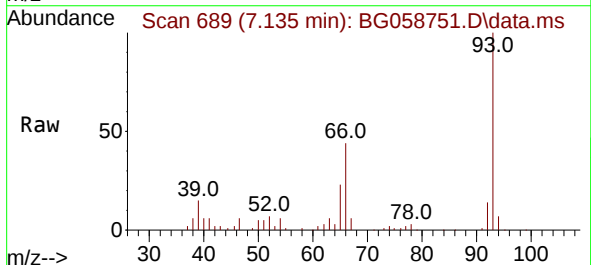
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion:112 Resp: 247696
Ion Ratio Lower Upper
112 100
64 76.1 55.3 82.9
63 39.8 28.3 42.5



#6
Aniline
Concen: 28.727 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 93 Resp: 84974
Ion Ratio Lower Upper
93 100
66 43.7 33.1 49.7
65 23.3 17.0 25.4

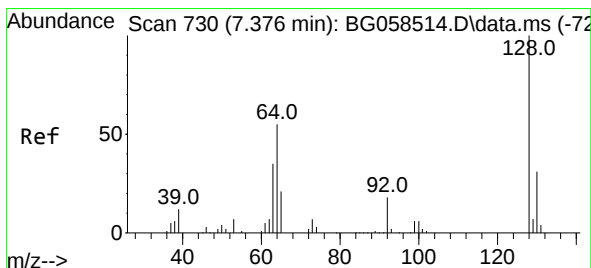
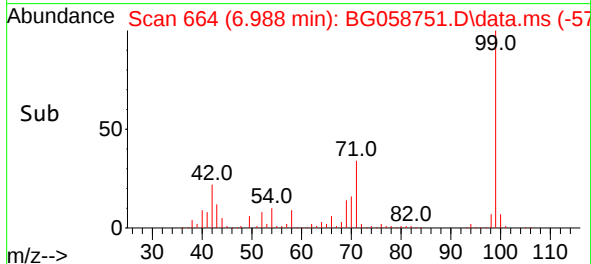
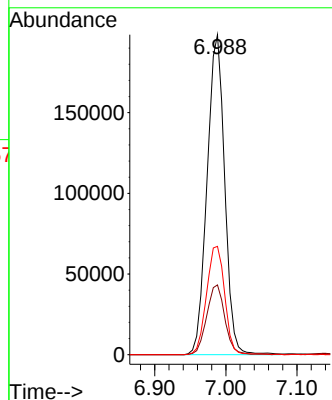
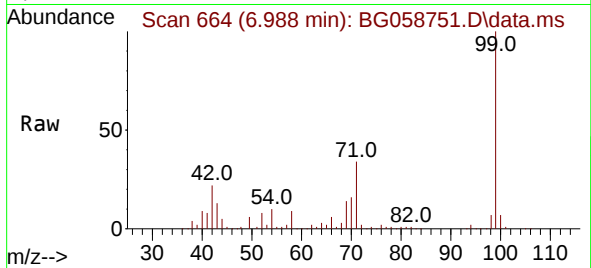




#7
Phenol-d6
Concen: 142.326 ng
RT: 6.988 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

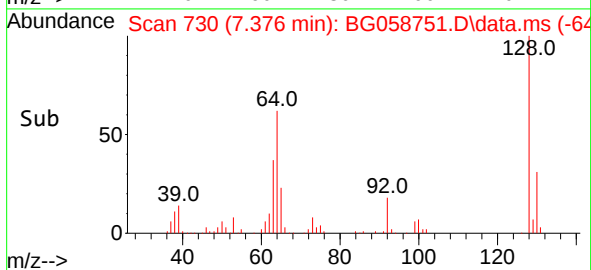
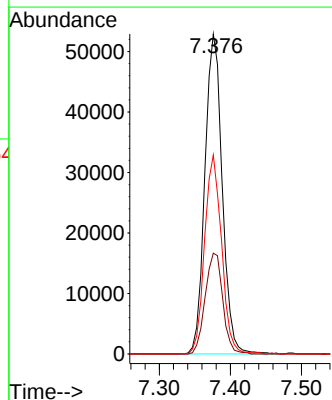
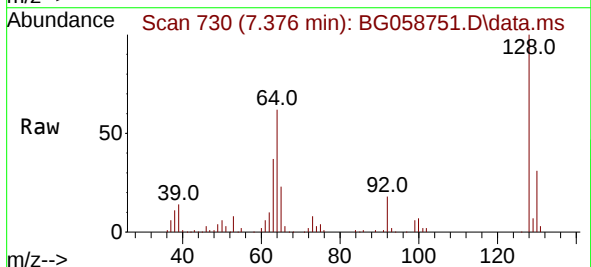
Instrument :
BNA_G
ClientSampleId :
PB154435BS

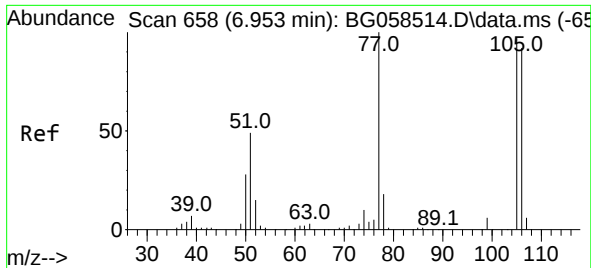
Tgt Ion: 99 Resp: 341938
Ion Ratio Lower Upper
99 100
42 21.8 14.6 21.8
71 33.9 25.0 37.4



#8
2-Chlorophenol
Concen: 53.034 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 128 Resp: 89830
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 62.2 39.0 79.0





#9

Benzaldehyde

Concen: 35.235 ng

RT: 6.947 min Scan# 657

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

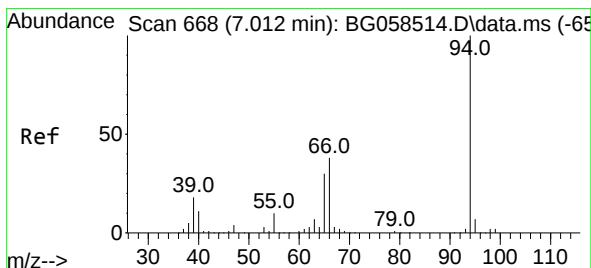
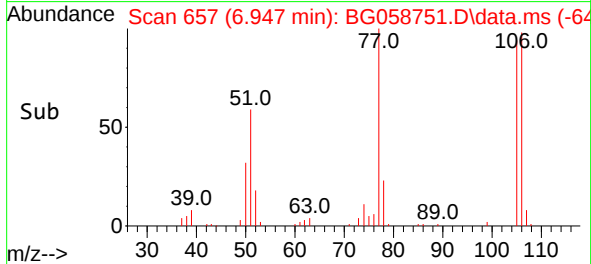
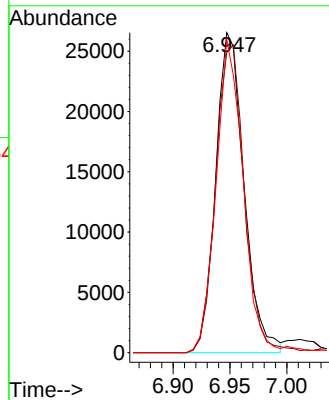
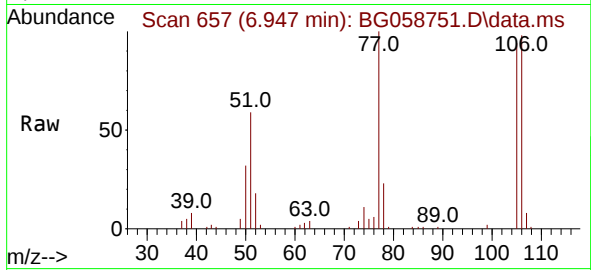
Tgt Ion: 77 Resp: 45991

Ion Ratio Lower Upper

77 100

105 93.8 77.1 117.1

106 97.8 71.6 111.6



#10

Phenol

Concen: 52.470 ng

RT: 7.012 min Scan# 668

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

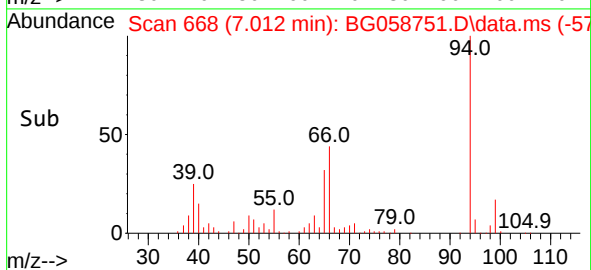
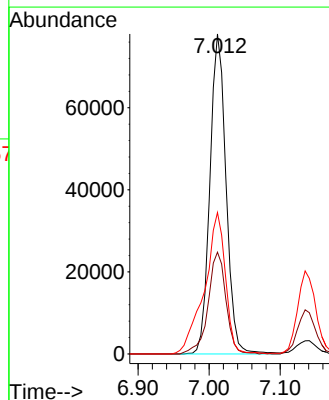
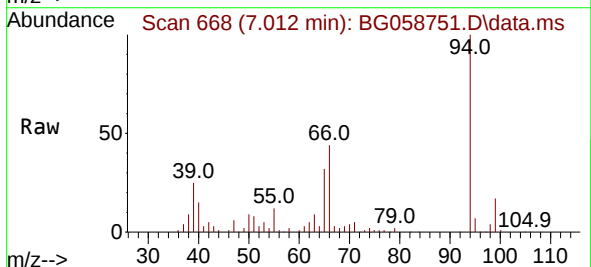
Tgt Ion: 94 Resp: 123141

Ion Ratio Lower Upper

94 100

65 31.8 10.4 50.4

66 44.2 18.7 58.7

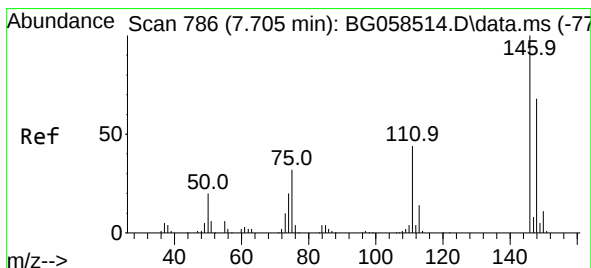
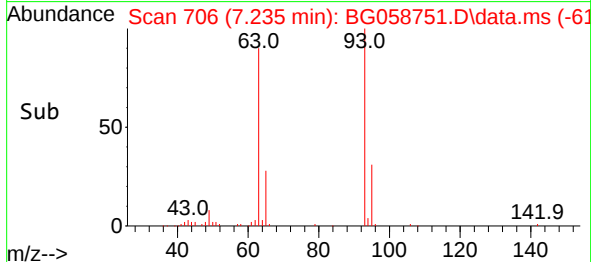
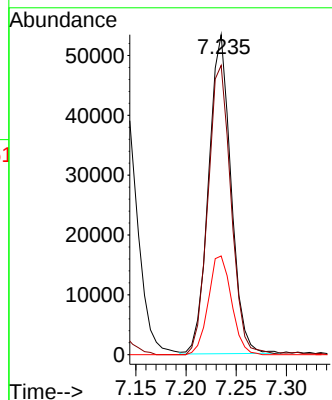
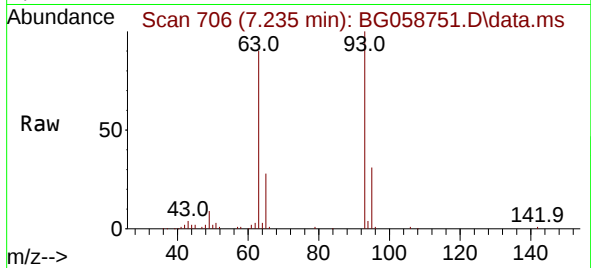




#11
bis(2-Chloroethyl)ether
Concen: 44.768 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

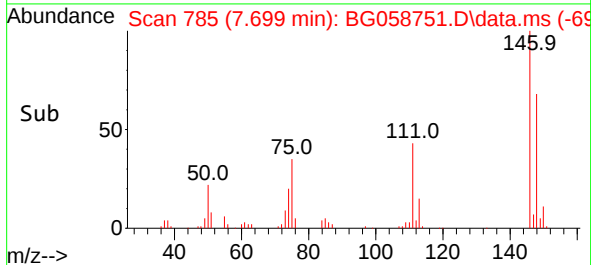
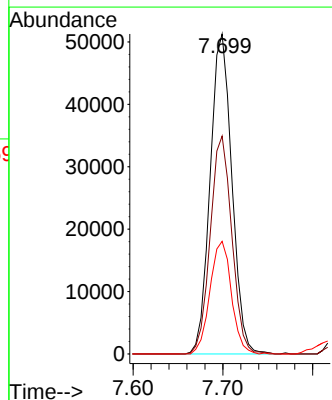
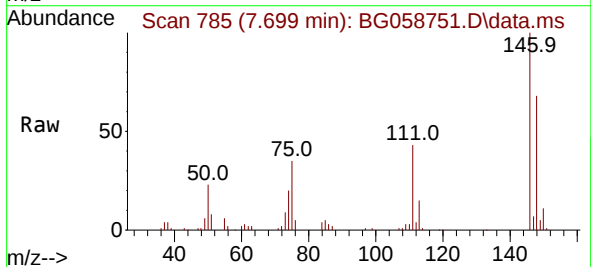
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion: 93 Resp: 82829
Ion Ratio Lower Upper
93 100
63 90.4 65.5 105.5
95 30.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 47.555 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 146 Resp: 86012
Ion Ratio Lower Upper
146 100
148 68.1 54.7 82.1
75 35.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.610 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

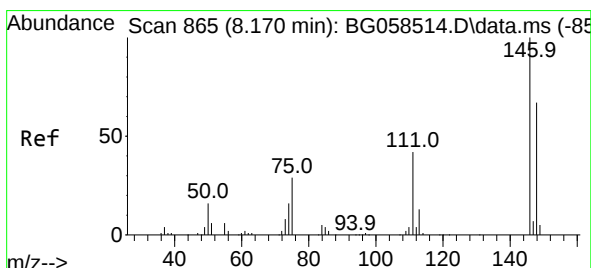
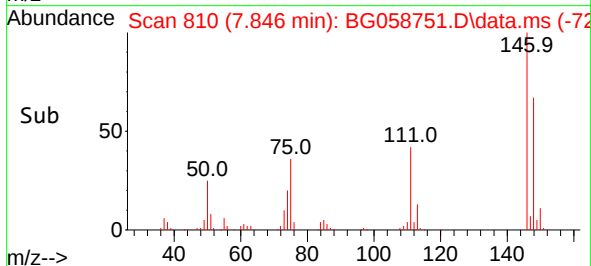
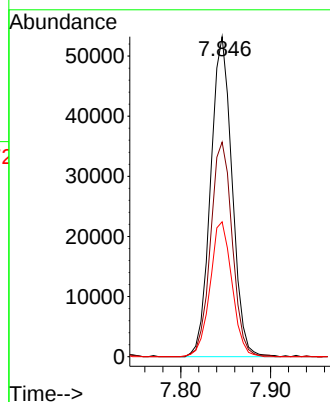
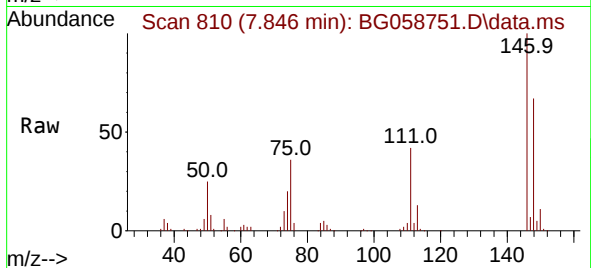
Tgt Ion:146 Resp: 88280

Ion Ratio Lower Upper

146 100

148 67.0 52.8 79.2

111 42.1 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 49.452 ng

RT: 8.163 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

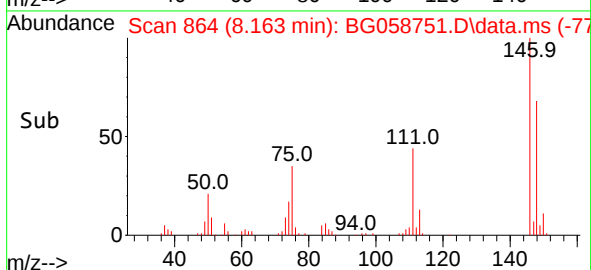
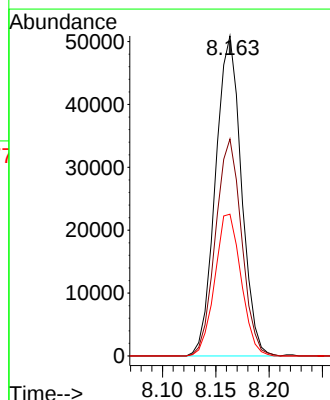
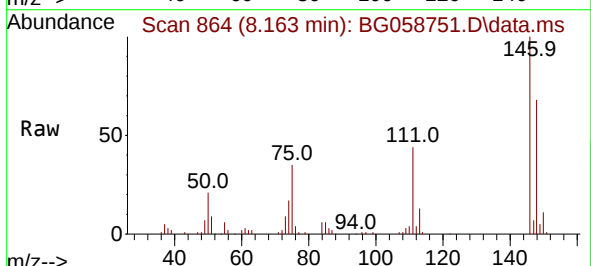
Tgt Ion:146 Resp: 85864

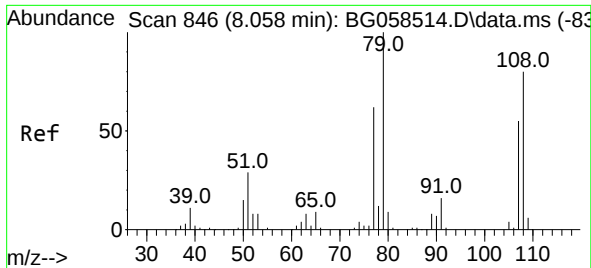
Ion Ratio Lower Upper

146 100

148 67.8 53.4 80.2

111 44.3 34.2 51.2

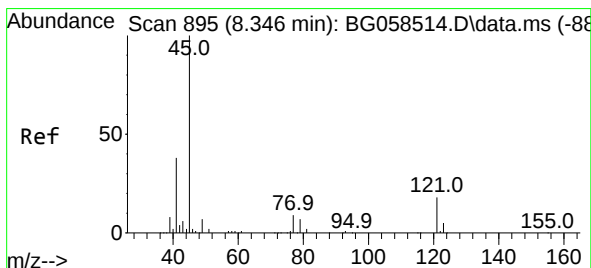
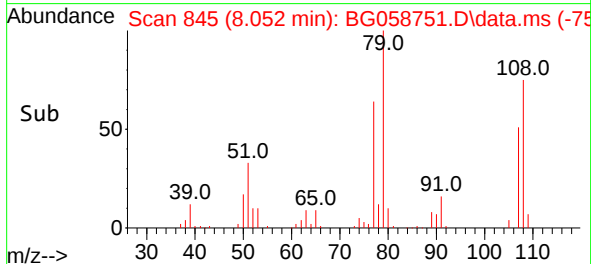
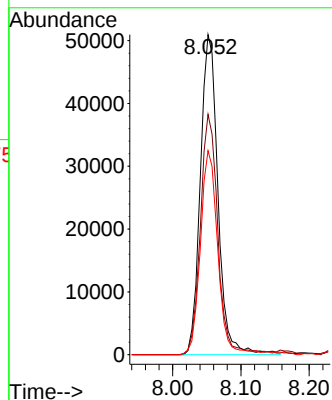
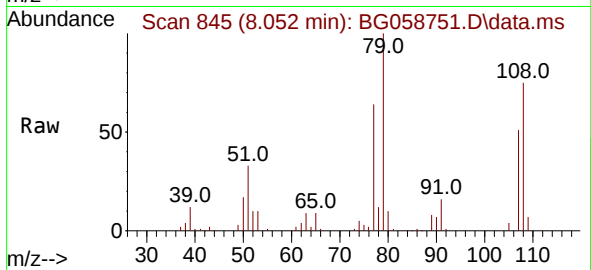




#15
Benzyl Alcohol
Concen: 59.851 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

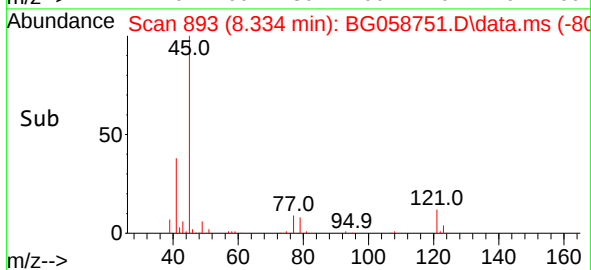
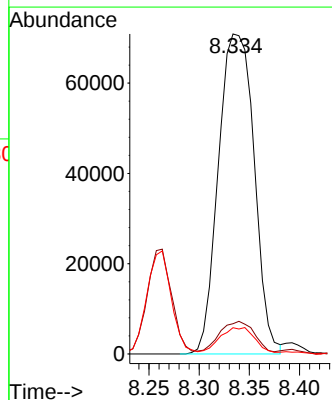
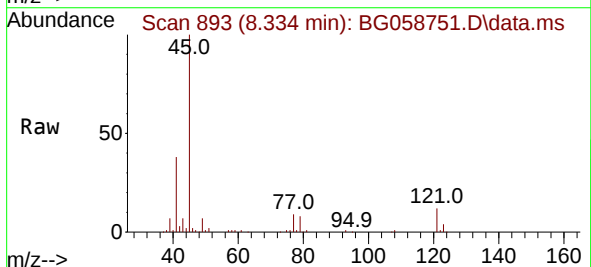
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion:	79	Resp:	91190
Ion Ratio	Lower	Upper	
79	100		
108	75.1	63.8	95.6
77	63.8	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.392 ng
RT: 8.334 min Scan# 893
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:	45	Resp:	175493
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	32.6
79	8.2	0.0	30.2

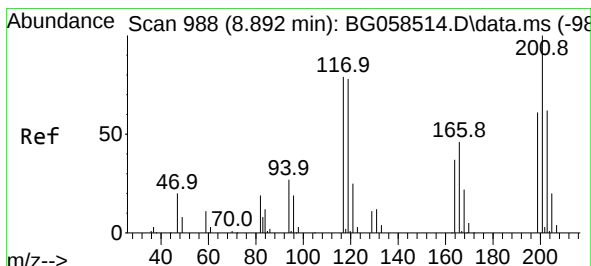
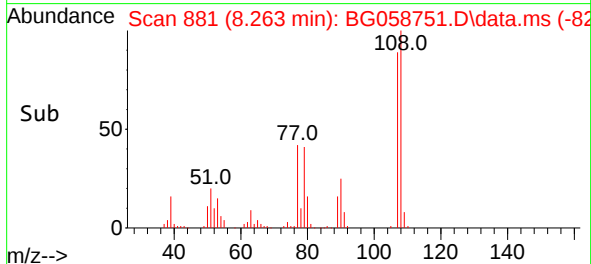
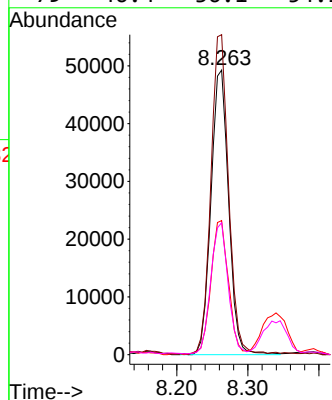
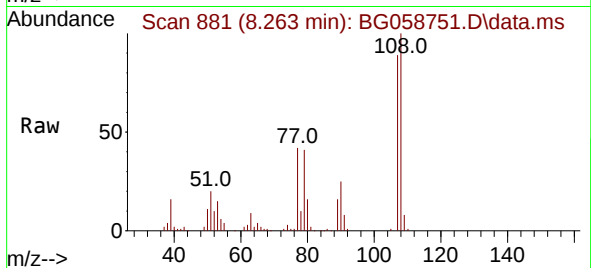




#17
2-Methylphenol
Concen: 49.682 ng
RT: 8.263 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

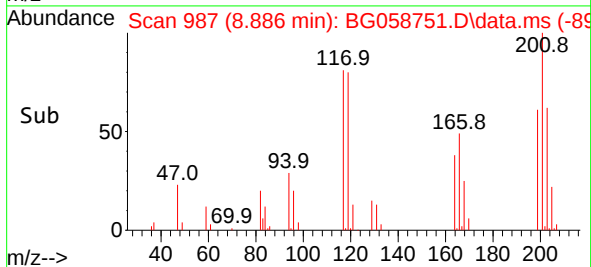
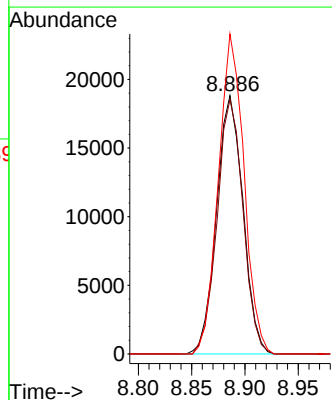
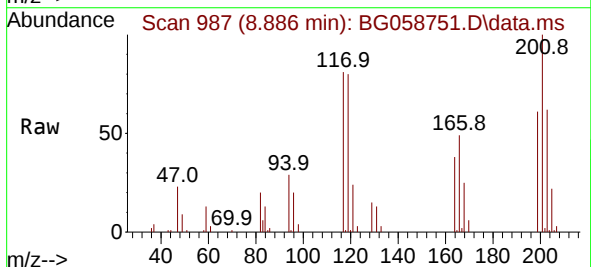
Instrument :
BNA_G
ClientSampleId :
PB154435BS

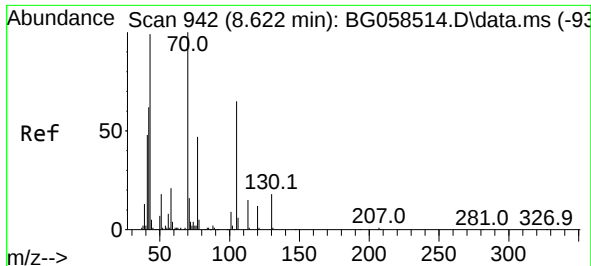
Tgt Ion:	107	Resp:	85253
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.1	133.7
77	47.1	36.2	54.4
79	46.4	36.1	54.1



#18
Hexachloroethane
Concen: 49.143 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:	117	Resp:	32439
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.6	117.8
201	123.8	101.4	152.0

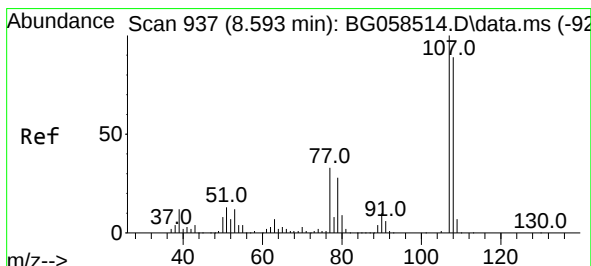
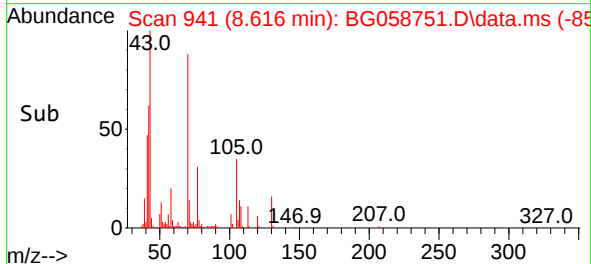
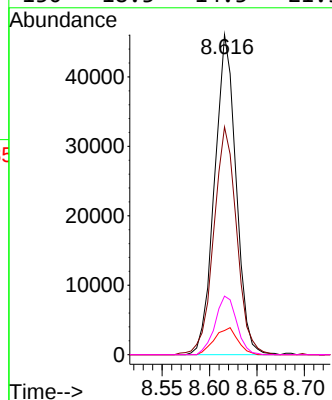
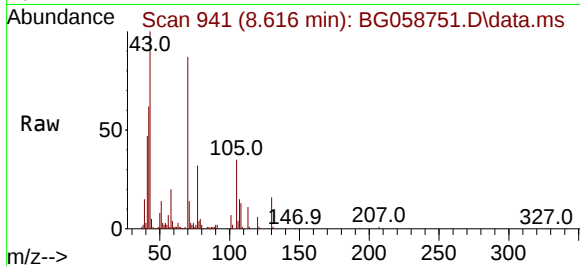




#19
n-Nitroso-di-n-propylamine
Concen: 46.808 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

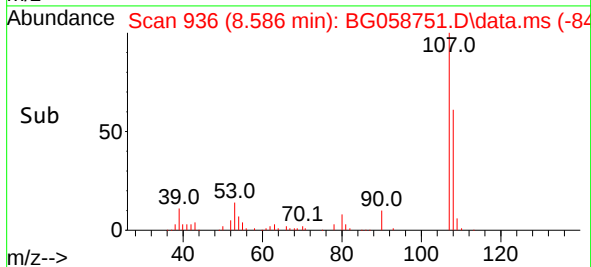
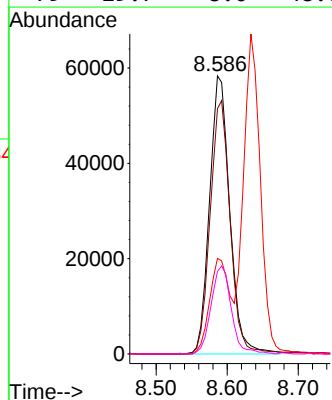
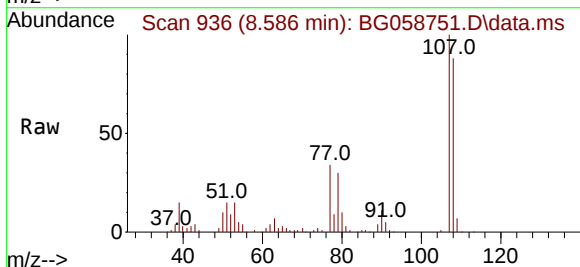
Instrument :
BNA_G
ClientSampleId :
PB154435BS

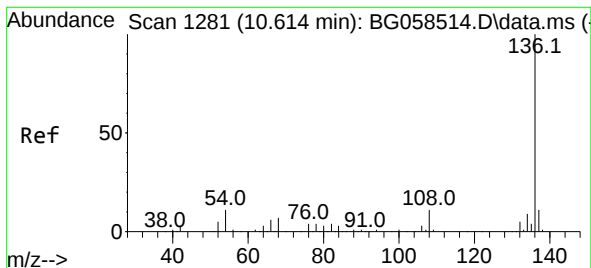
Tgt Ion: 70 Resp: 72639
Ion Ratio Lower Upper
70 100
42 71.2 49.7 74.5
101 7.6 7.0 10.4
130 18.3 14.3 21.5



#20
3+4-Methylphenols
Concen: 49.691 ng
RT: 8.586 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 107 Resp: 115338
Ion Ratio Lower Upper
107 100
108 88.2 69.4 109.4
77 34.4 13.0 53.0
79 29.7 8.0 48.0

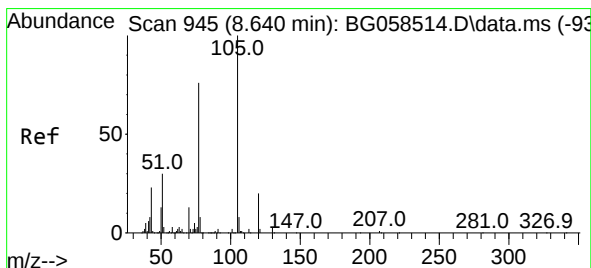
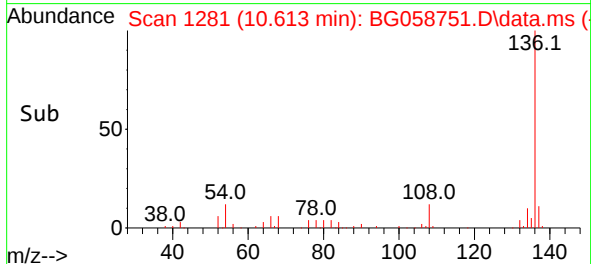
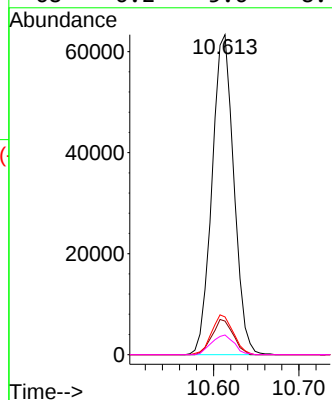
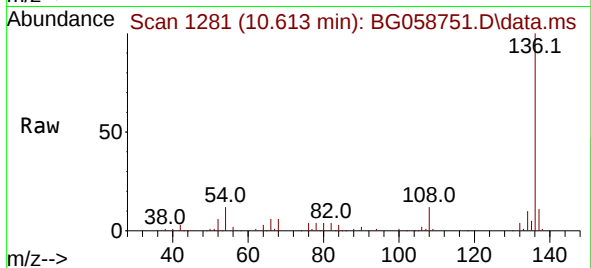




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.613 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

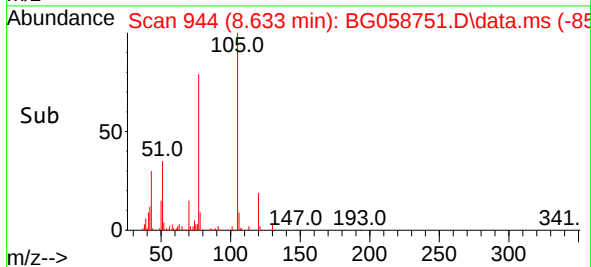
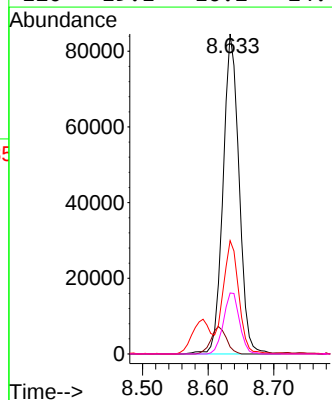
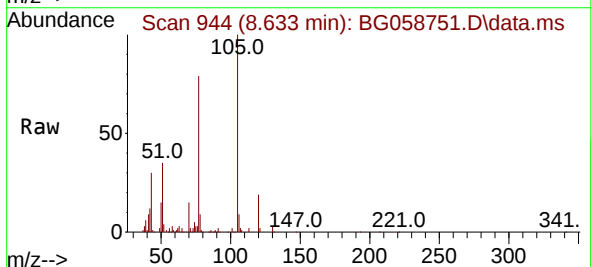
Instrument :
BNA_G
ClientSampleId :
PB154435BS

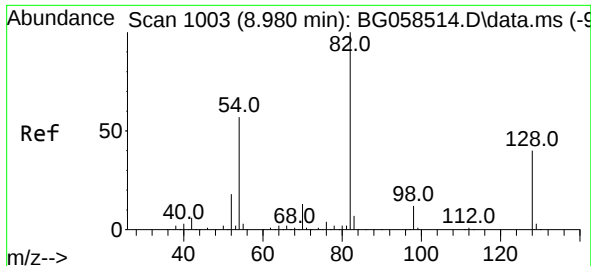
Tgt Ion:	136	Resp:	112399
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	11.8	8.9	13.3
68	6.2	5.6	8.4



#22
Acetophenone
Concen: 47.443 ng
RT: 8.633 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:	105	Resp:	142784
Ion Ratio	Lower	Upper	
105	100		
71	2.2	1.8	2.6
51	35.4	24.2	36.2
120	19.1	16.2	24.4

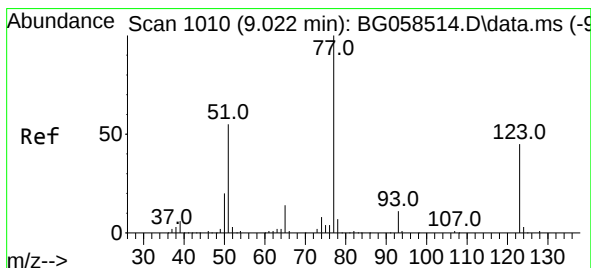
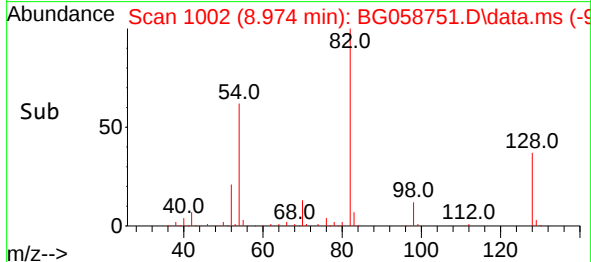
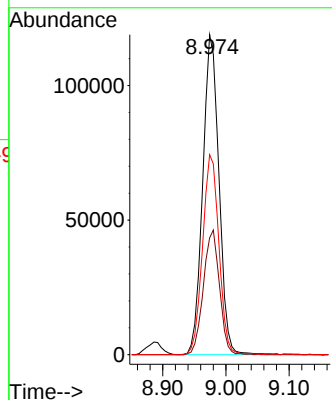
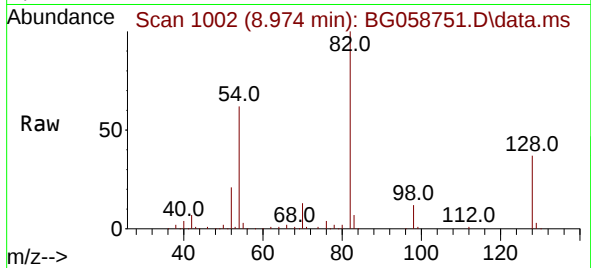




#23
Nitrobenzene-d5
Concen: 92.581 ng
RT: 8.974 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

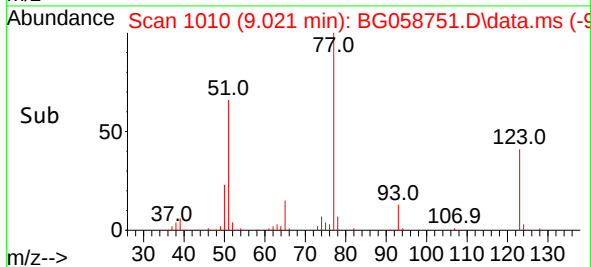
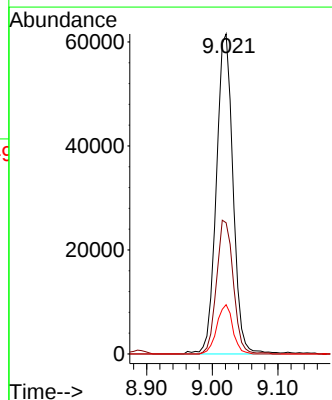
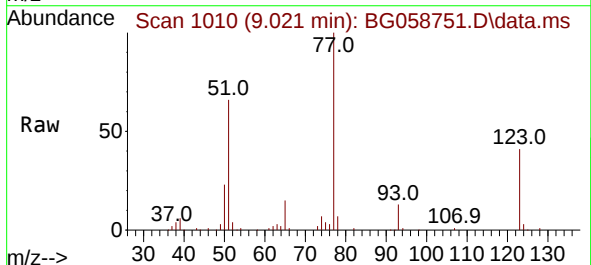
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion: 82 Resp: 211827
Ion Ratio Lower Upper
82 100
128 36.5 32.2 48.2
54 62.5 46.0 69.0



#24
Nitrobenzene
Concen: 46.585 ng
RT: 9.021 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 77 Resp: 108360
Ion Ratio Lower Upper
77 100
123 41.0 35.6 53.4
65 15.4 11.4 17.0

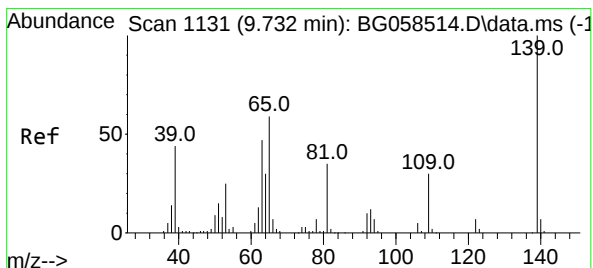
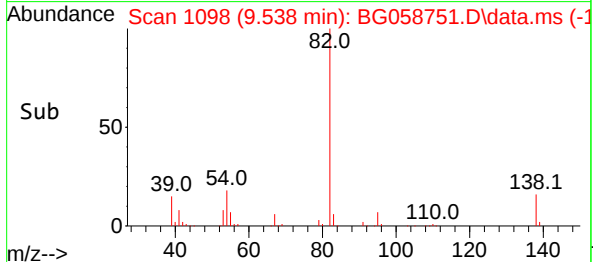
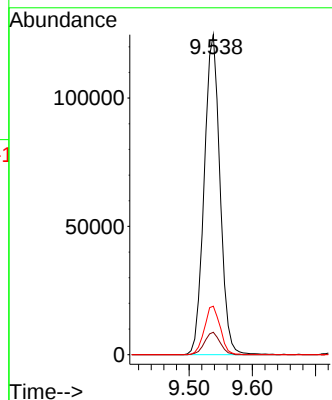
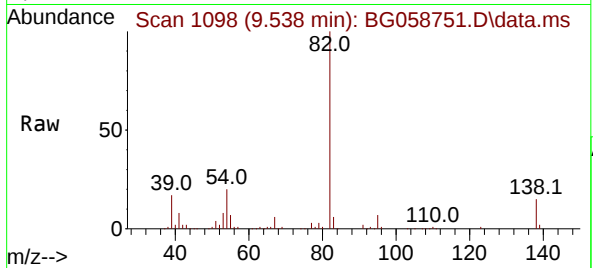




#25
Isophorone
Concen: 45.665 ng
RT: 9.538 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

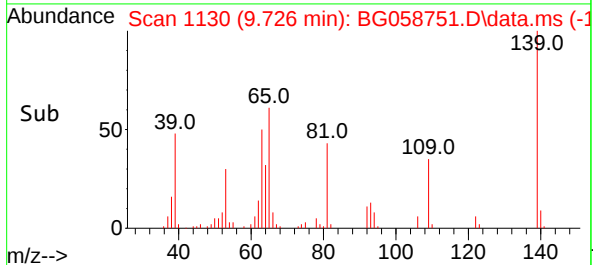
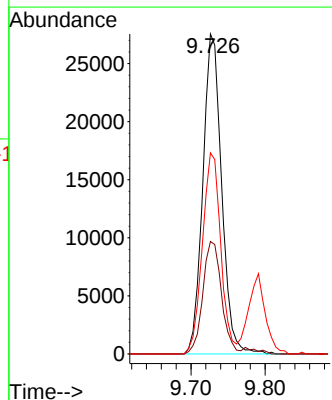
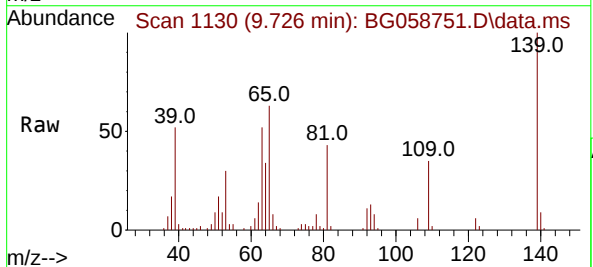
Instrument :
BNA_G
ClientSampleId :
PB154435BS

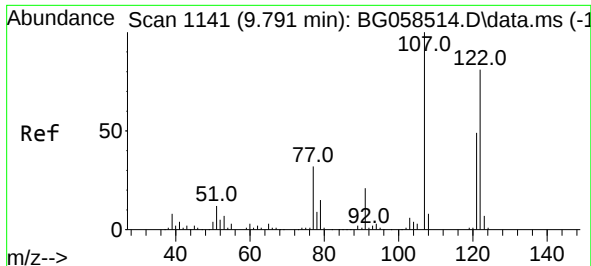
Tgt Ion: 82 Resp: 215878
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 15.2 11.9 17.9



#26
2-Nitrophenol
Concen: 48.064 ng
RT: 9.726 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 139 Resp: 48666
Ion Ratio Lower Upper
139 100
109 35.1 24.2 36.2
65 62.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.249 ng

RT: 9.791 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

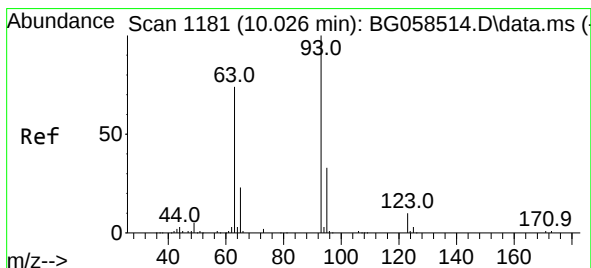
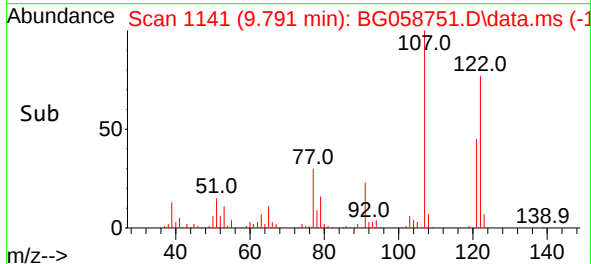
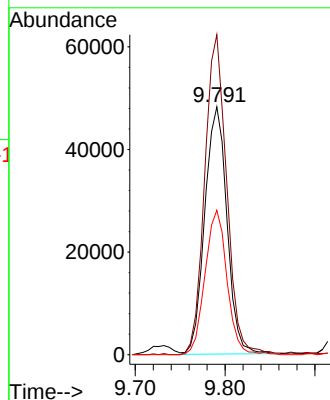
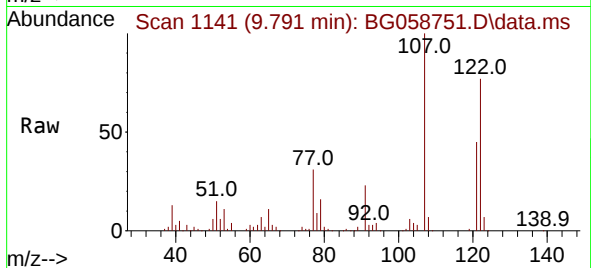
Tgt Ion:122 Resp: 82714

Ion Ratio Lower Upper

122 100

107 129.2 98.0 147.0

121 58.3 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.249 ng

RT: 10.020 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

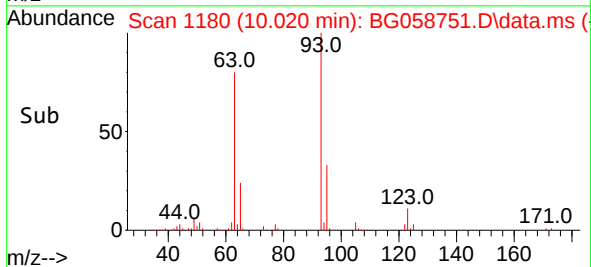
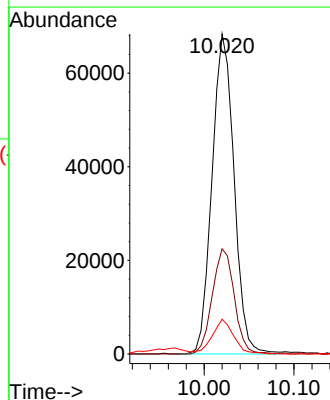
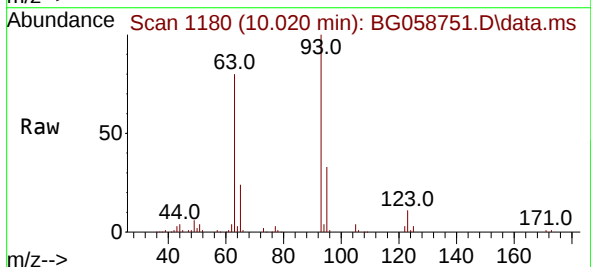
Tgt Ion: 93 Resp: 116413

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 10.9 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 54.055 ng

RT: 10.267 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

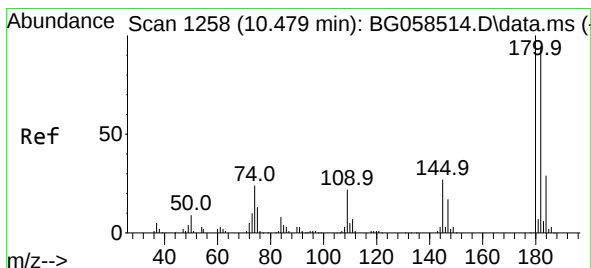
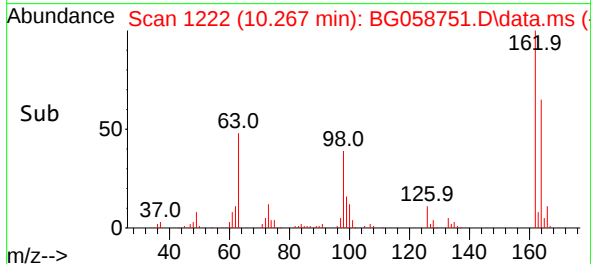
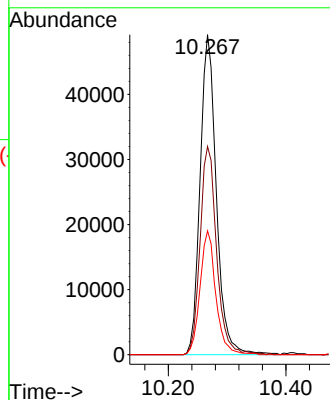
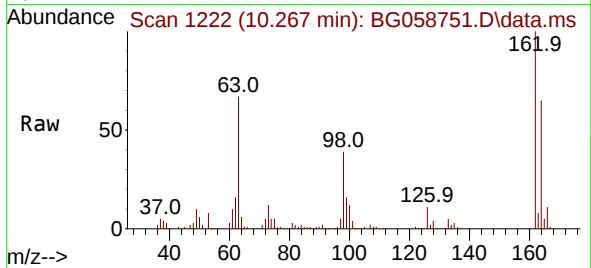
Tgt Ion:162 Resp: 94263

Ion Ratio Lower Upper

162 100

164 65.1 47.6 87.6

98 38.7 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 48.408 ng

RT: 10.472 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

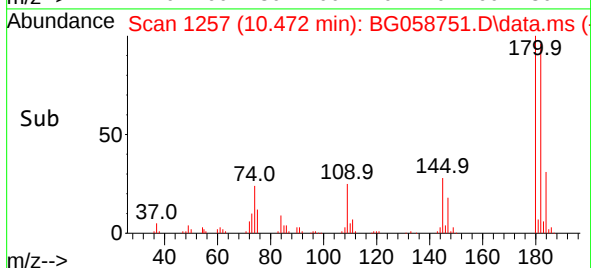
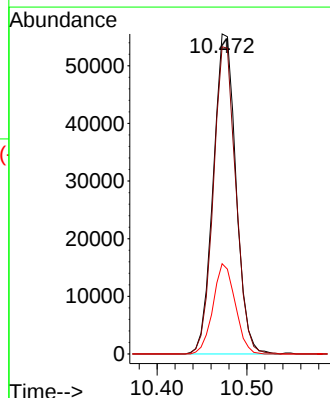
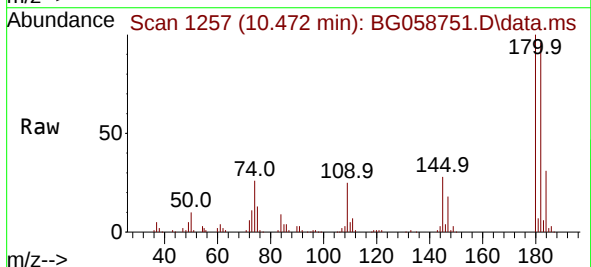
Tgt Ion:180 Resp: 97352

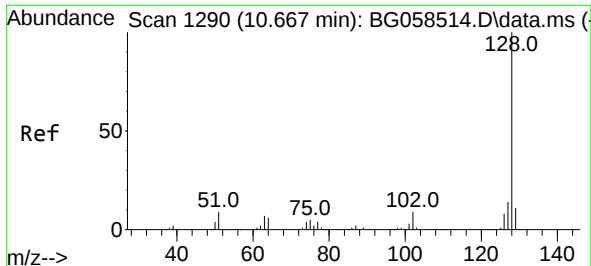
Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.4

145 28.2 21.9 32.9

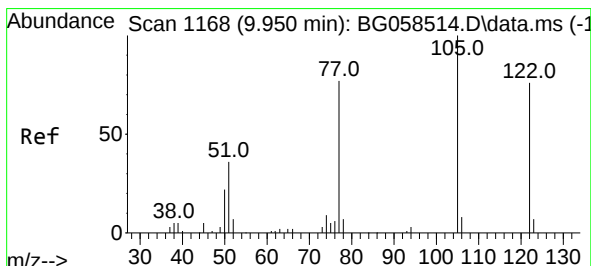
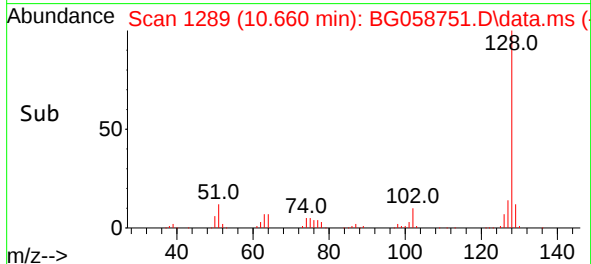
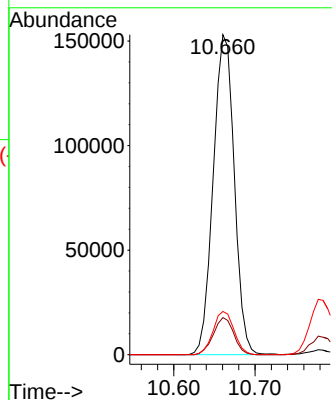
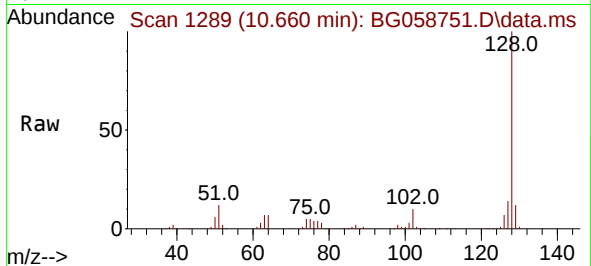




#31
Naphthalene
Concen: 46.526 ng
RT: 10.660 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

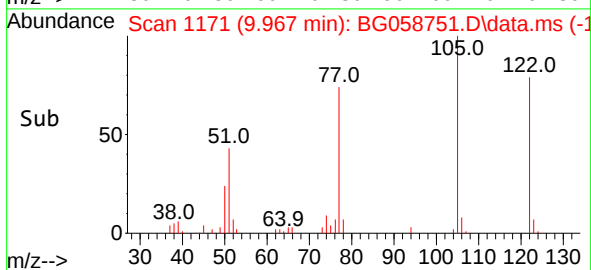
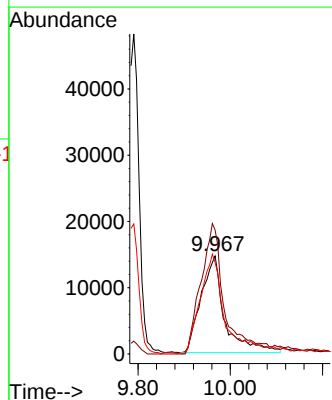
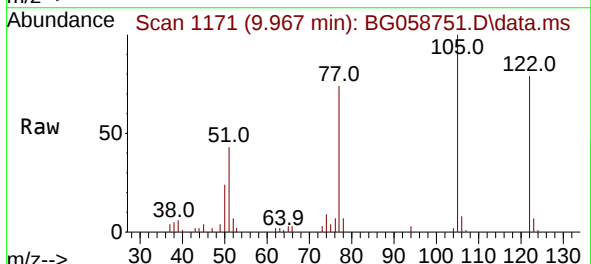
Instrument :
BNA_G
ClientSampleId :
PB154435BS

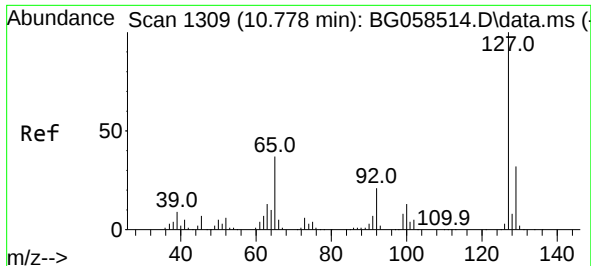
Tgt Ion:128 Resp: 275625
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 41.499 ng
RT: 9.967 min Scan# 1171
Delta R.T. 0.017 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:122 Resp: 52333
Ion Ratio Lower Upper
122 100
105 126.7 106.5 146.5
77 93.4 78.1 118.1

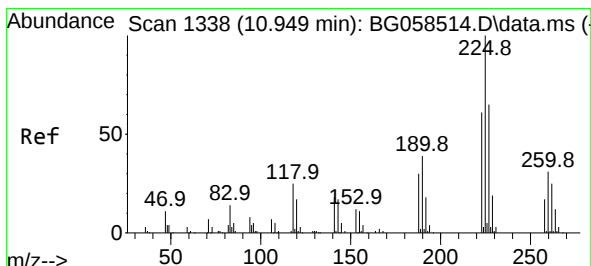
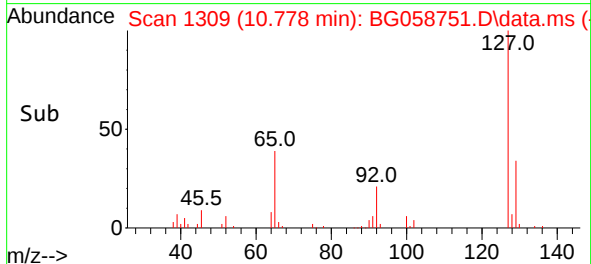
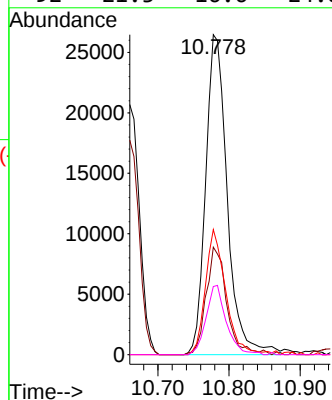
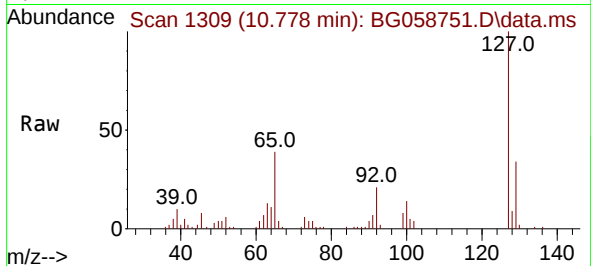




#33
4-Chloroaniline
Concen: 22.373 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

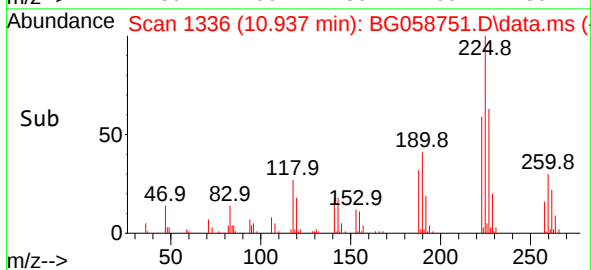
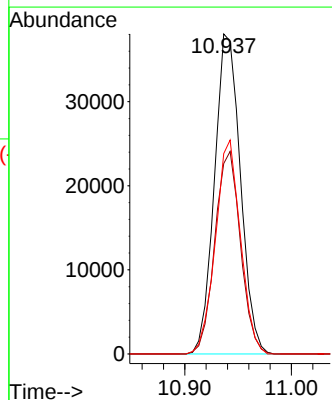
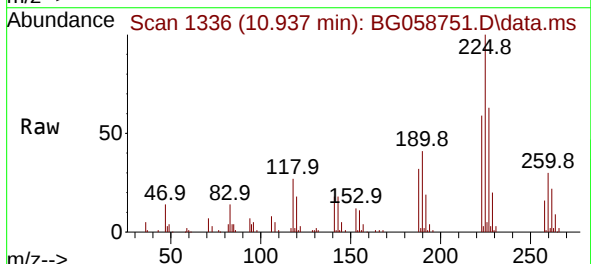
Instrument :
BNA_G
ClientSampleId :
PB154435BS

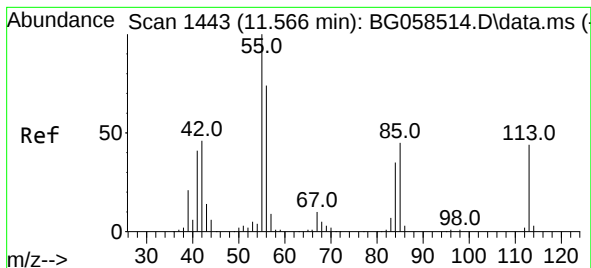
Tgt Ion:	127	Resp:	55998
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.4	38.2
65	39.1	29.5	44.3
92	21.3	16.6	24.8



#34
Hexachlorobutadiene
Concen: 49.615 ng
RT: 10.937 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:	225	Resp:	64257
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.0	73.6
227	62.6	51.7	77.5





#35

Caprolactam

Concen: 37.551 ng

RT: 11.559 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

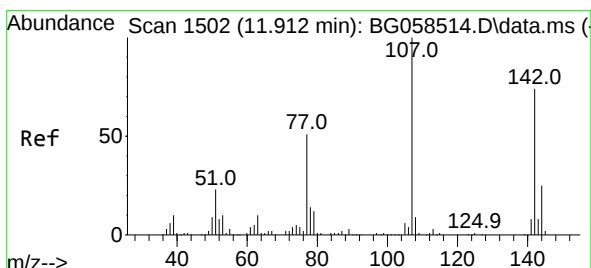
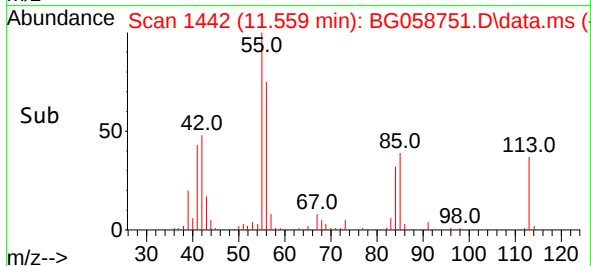
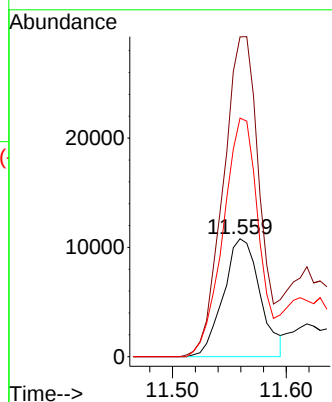
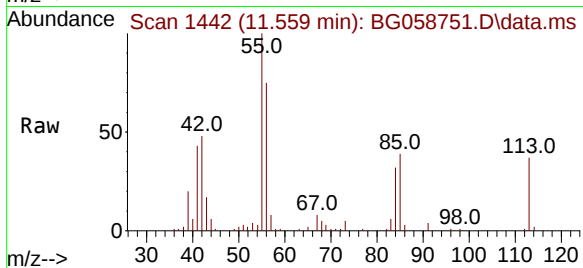
Tgt Ion:113 Resp: 24181

Ion Ratio Lower Upper

113 100

55 271.3 208.0 248.0#

56 202.4 148.6 188.6#



#36

4-Chloro-3-methylphenol

Concen: 53.793 ng

RT: 11.912 min Scan# 1502

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

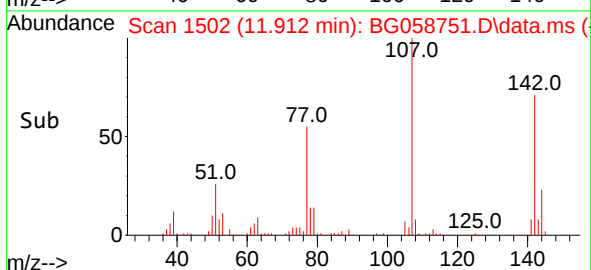
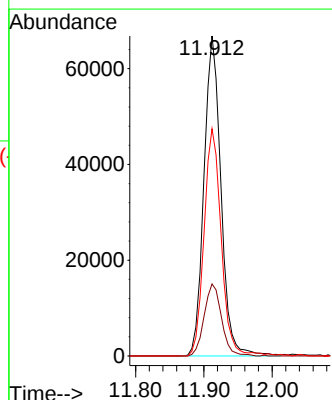
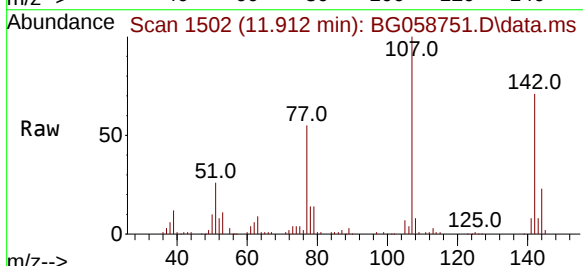
Tgt Ion:107 Resp: 116040

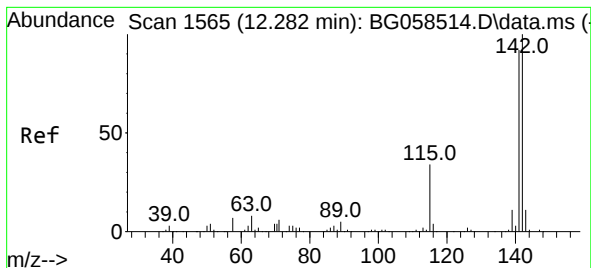
Ion Ratio Lower Upper

107 100

144 22.5 19.6 29.4

142 71.0 59.3 88.9

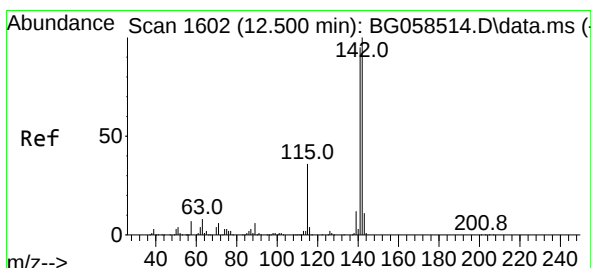
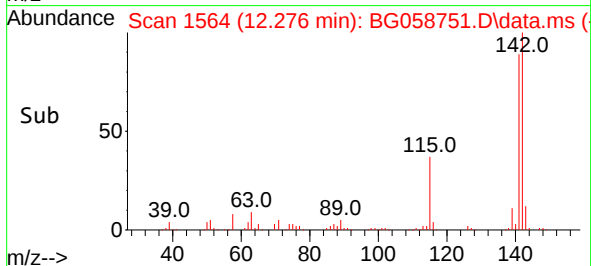
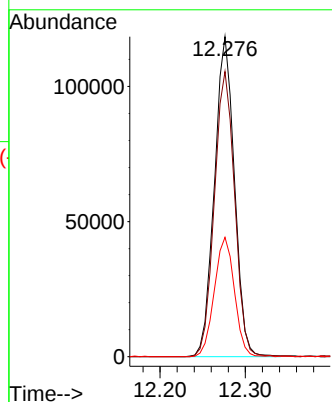
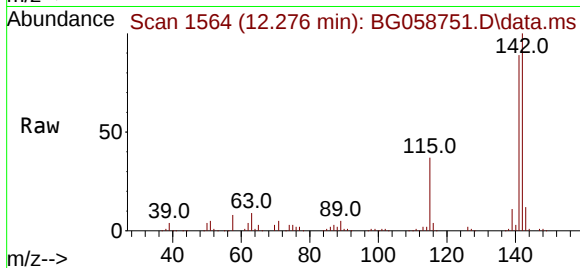




#37
2-Methylnaphthalene
Concen: 45.574 ng
RT: 12.276 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

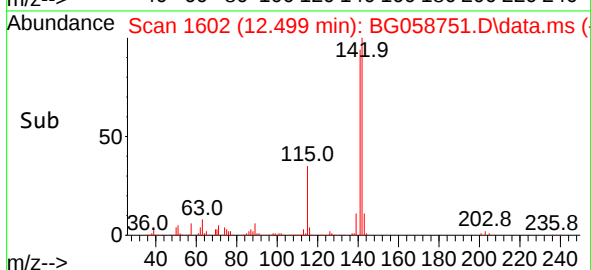
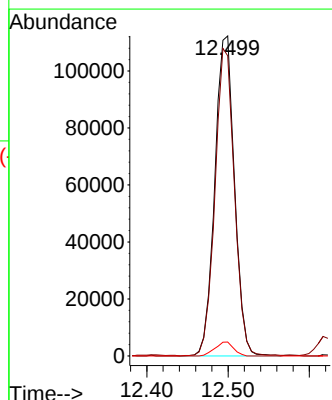
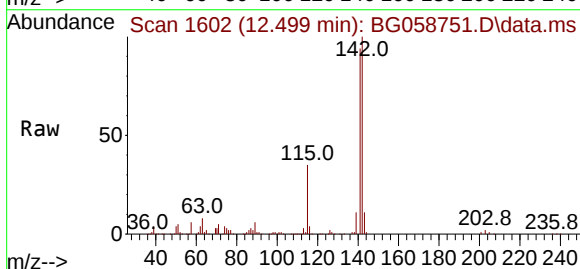
Instrument :
BNA_G
ClientSampleId :
PB154435BS

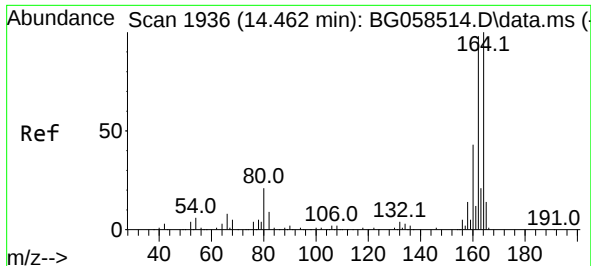
Tgt Ion:142 Resp: 193124
Ion Ratio Lower Upper
142 100
141 89.1 73.5 110.3
115 37.3 27.4 41.0



#38
1-Methylnaphthalene
Concen: 46.959 ng
RT: 12.499 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:142 Resp: 189159
Ion Ratio Lower Upper
142 100
141 93.8 75.7 113.5
116 4.4 3.2 4.8

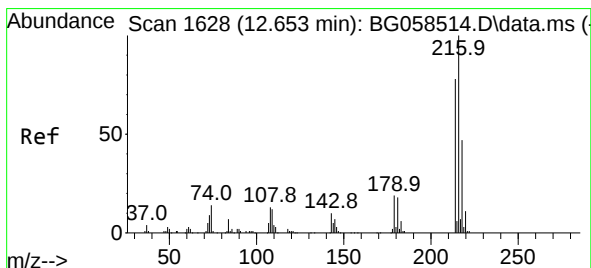
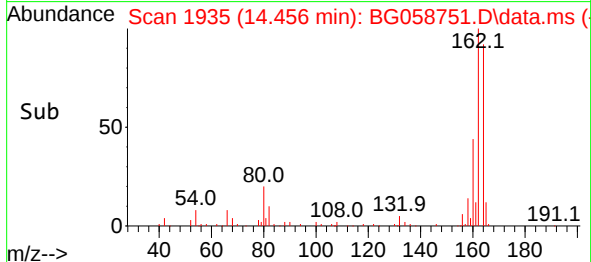
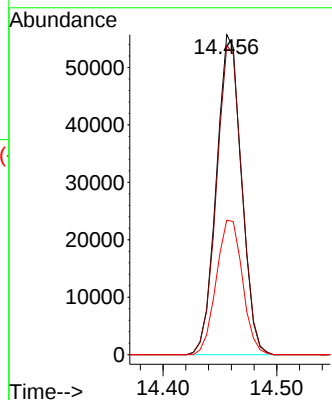
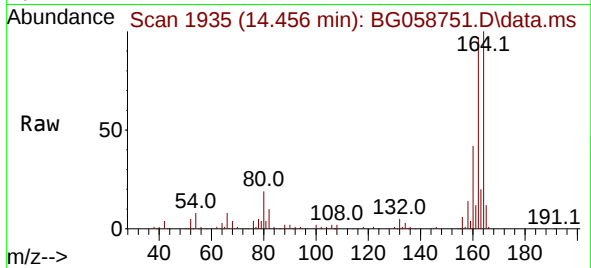




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

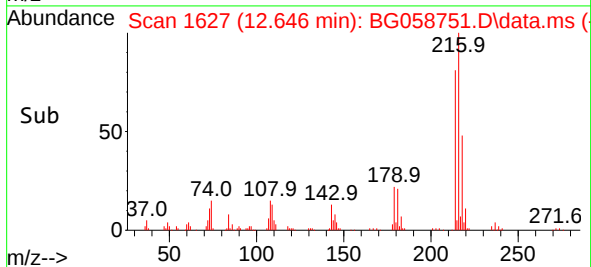
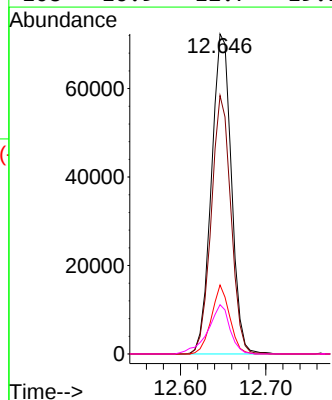
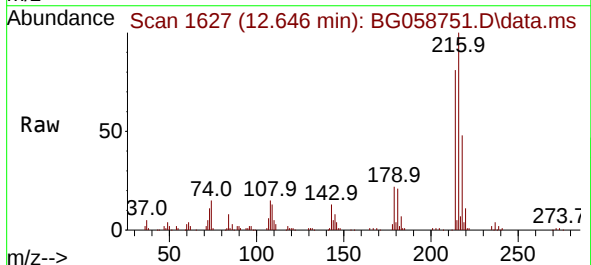
Instrument :
BNA_G
ClientSampleId :
PB154435BS

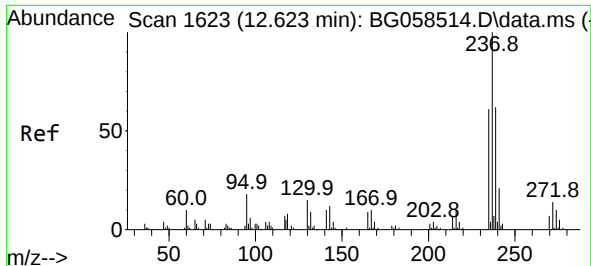
Tgt Ion:164 Resp: 85360
Ion Ratio Lower Upper
164 100
162 96.6 78.3 117.5
160 42.0 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.798 ng
RT: 12.646 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

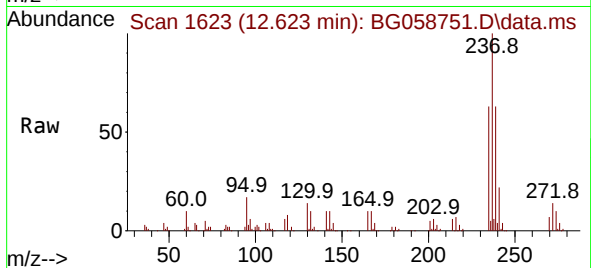
Tgt Ion:216 Resp: 117400
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 19.7 15.6 23.4
108 16.9 12.7 19.1



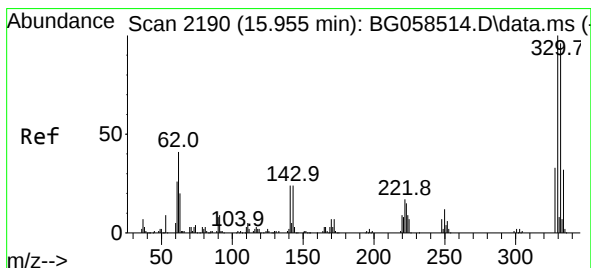
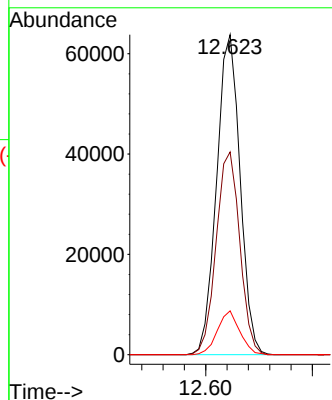
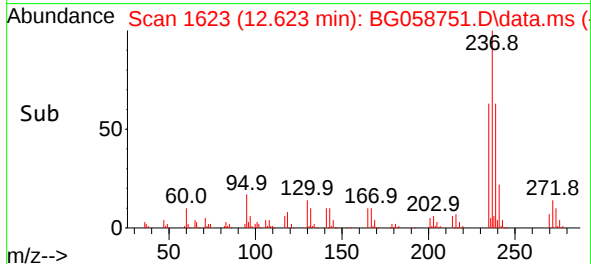


#41
Hexachlorocyclopentadiene
Concen: 79.926 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

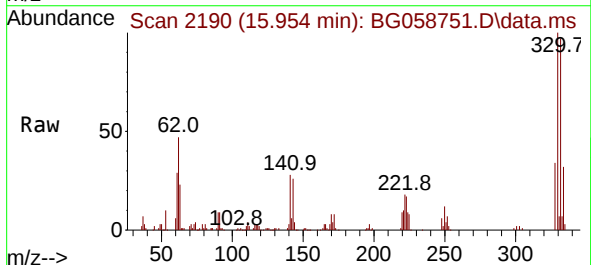
Instrument :
BNA_G
ClientSampleId :
PB154435BS



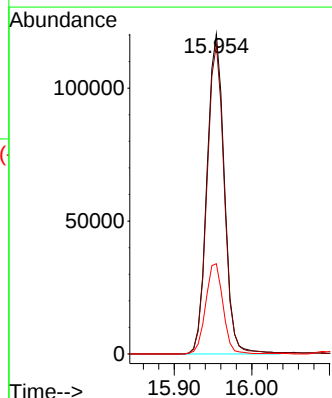
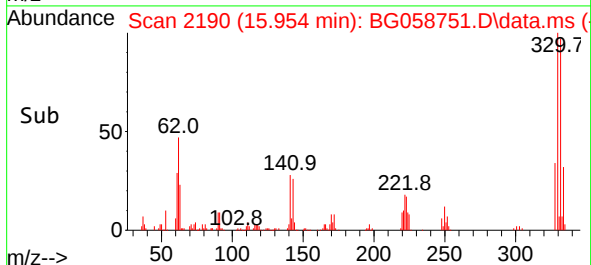
Tgt Ion:237 Resp: 97278
Ion Ratio Lower Upper
237 100
235 63.3 41.0 81.0
272 13.7 0.0 33.6

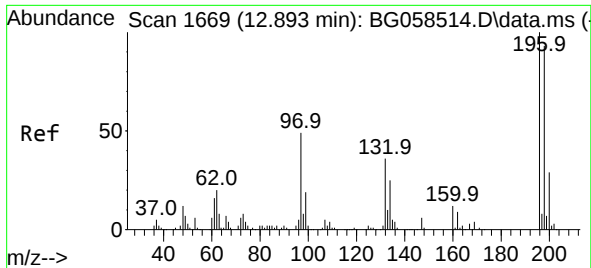


#42
2,4,6-Tribromophenol
Concen: 134.372 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:330 Resp: 188002
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 28.2 20.7 31.1

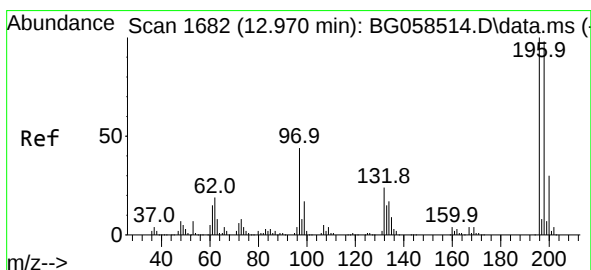
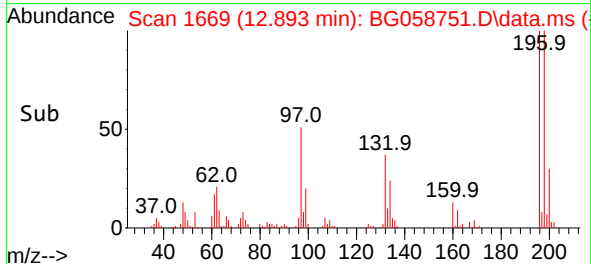
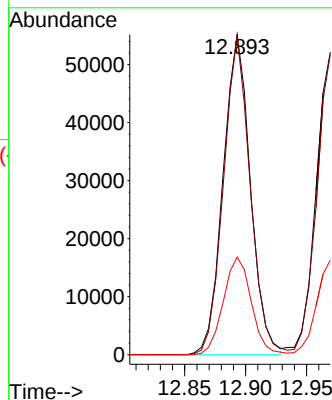
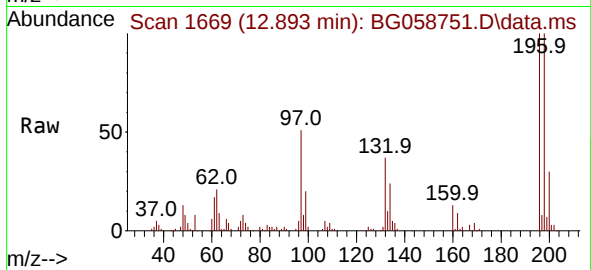




#43
 2,4,6-Trichlorophenol
 Concen: 47.539 ng
 RT: 12.893 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

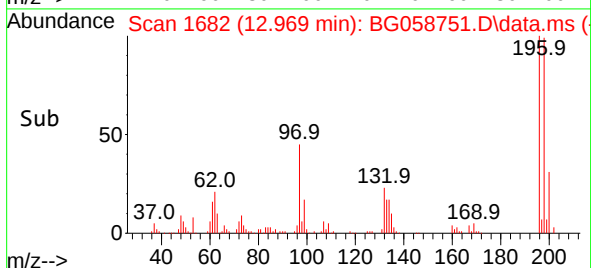
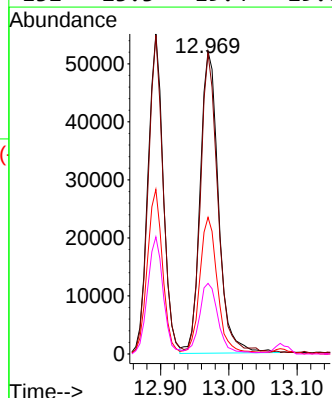
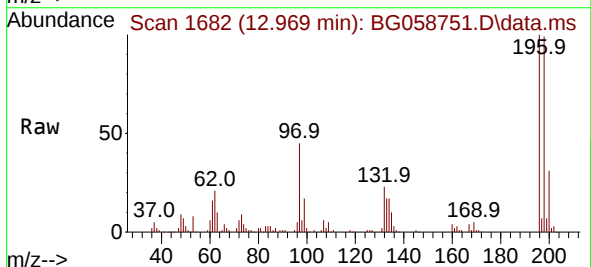
Instrument :
 BNA_G
 ClientSampleId :
 PB154435BS

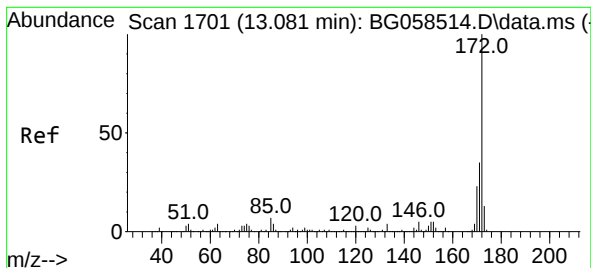
Tgt Ion:196 Resp: 85690
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.2 111.4
 200 30.5 22.9 34.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.672 ng
 RT: 12.969 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

Tgt Ion:196 Resp: 96966
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.3 117.5
 97 45.2 35.2 52.8
 132 23.3 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 88.911 ng

RT: 13.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

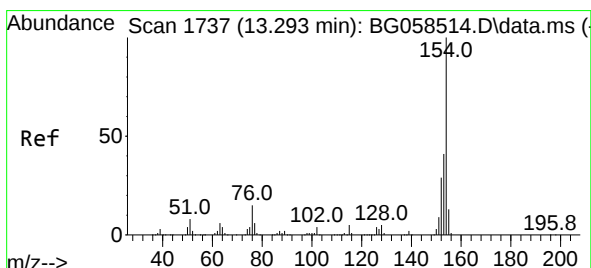
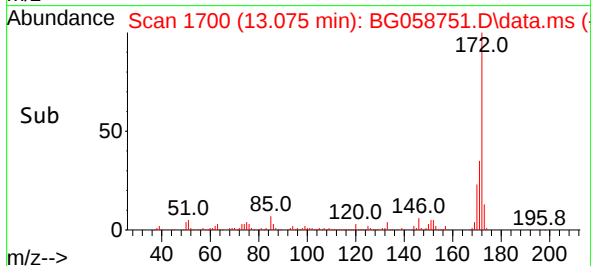
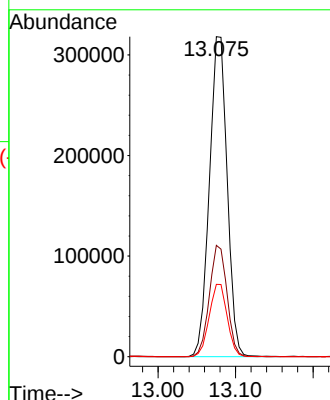
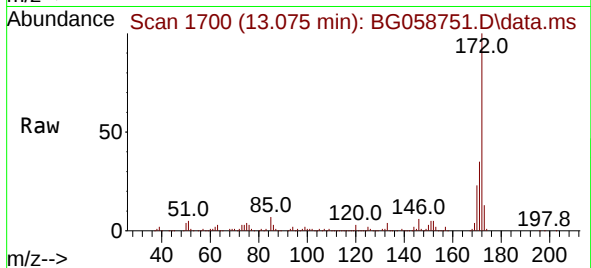
Tgt Ion:172 Resp: 506436

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 22.6 18.4 27.6



#46

1,1'-Biphenyl

Concen: 45.614 ng

RT: 13.287 min Scan# 1736

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

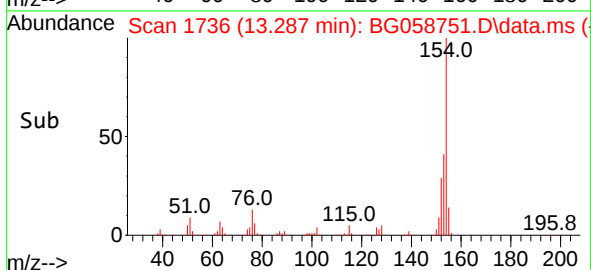
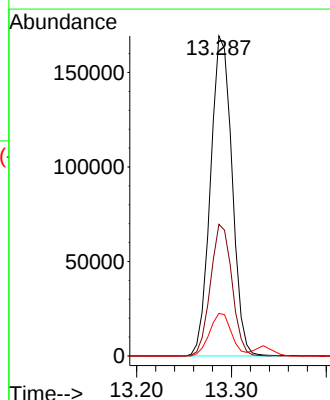
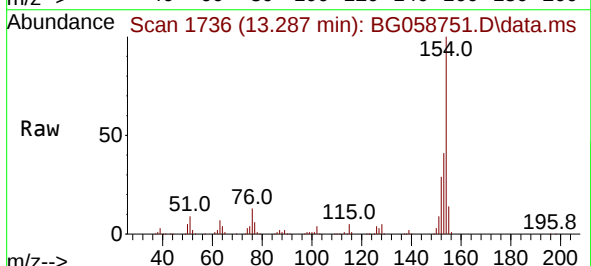
Tgt Ion:154 Resp: 267393

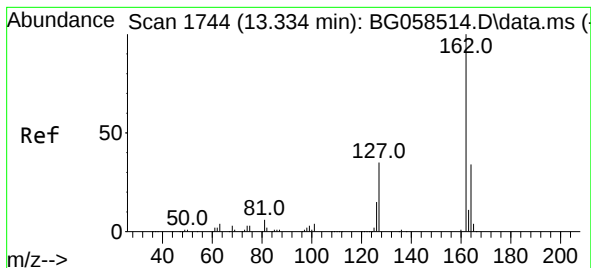
Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

76 13.3 0.0 34.7

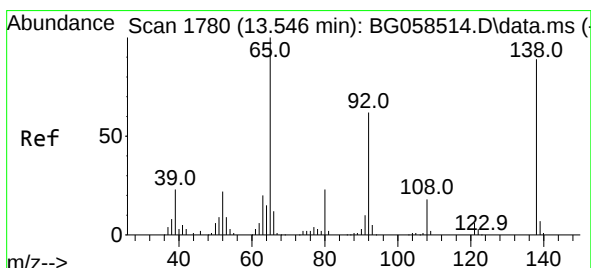
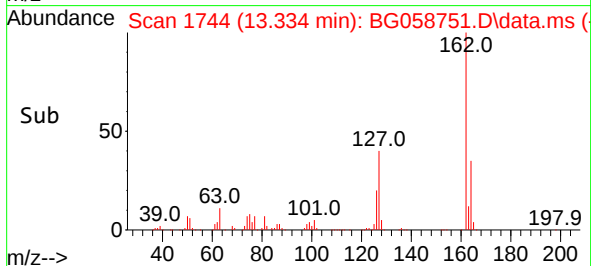
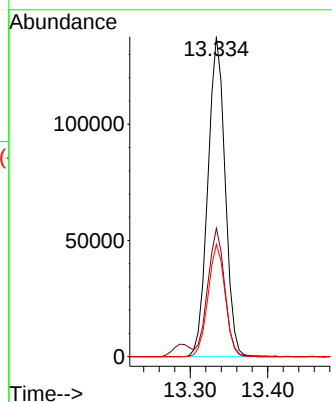
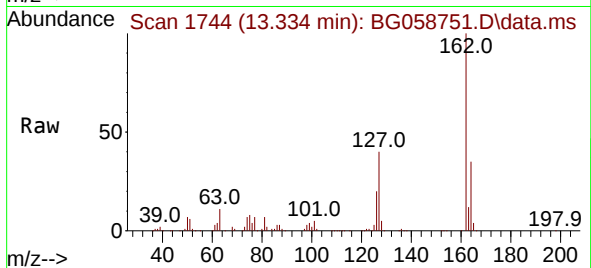




#47
2-Chloronaphthalene
Concen: 46.657 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

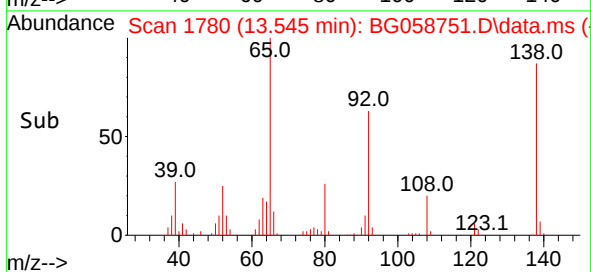
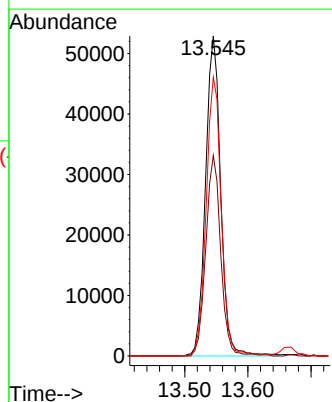
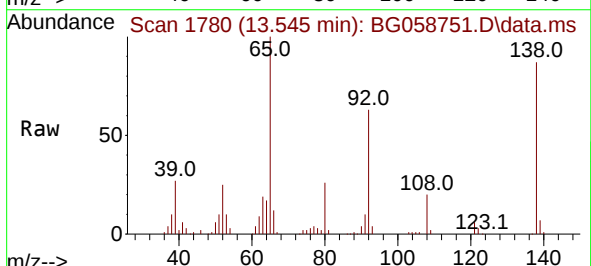
Instrument :
BNA_G
ClientSampleId :
PB154435BS

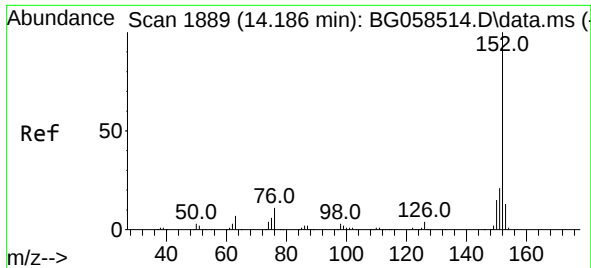
Tgt Ion:162 Resp: 213256
Ion Ratio Lower Upper
162 100
127 40.2 30.9 46.3
164 35.1 27.2 40.8



#48
2-Nitroaniline
Concen: 50.292 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 65 Resp: 87740
Ion Ratio Lower Upper
65 100
92 62.6 49.2 73.8
138 87.1 71.5 107.3

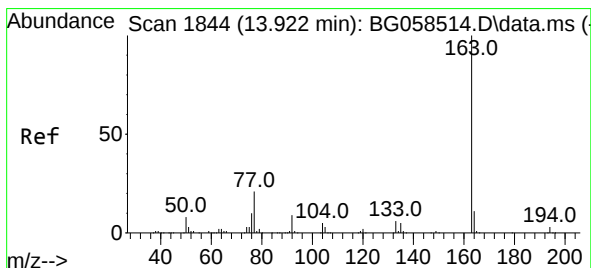
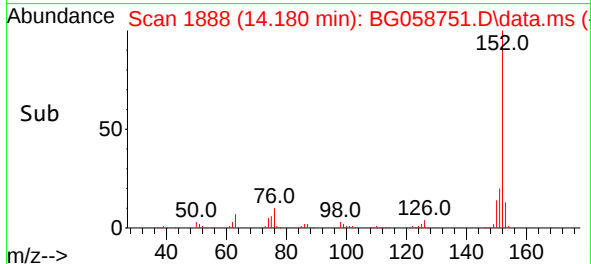
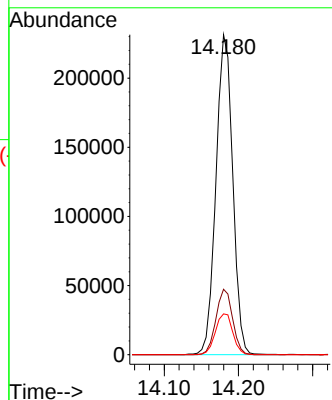
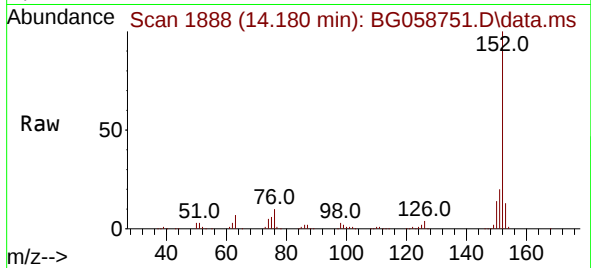




#49
Acenaphthylene
Concen: 47.504 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

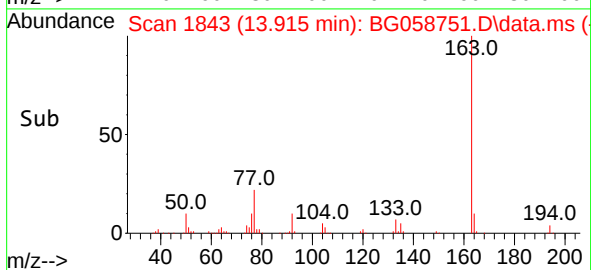
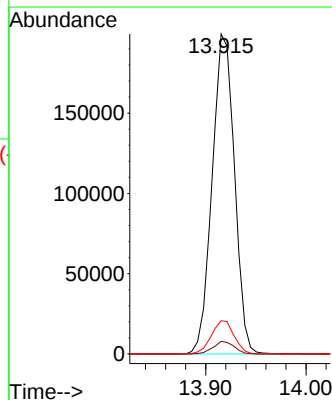
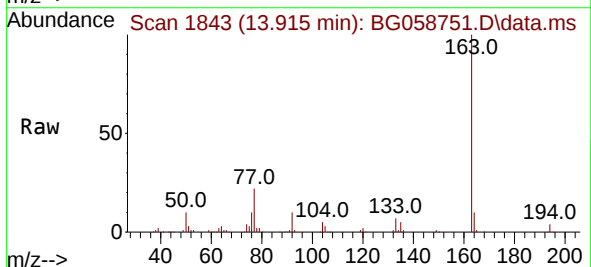
Instrument :
BNA_G
ClientSampleId :
PB154435BS

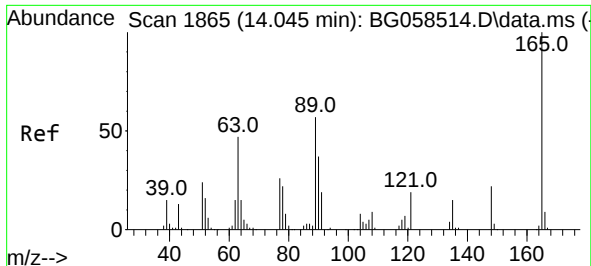
Tgt Ion:152 Resp: 363518
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 12.7 10.7 16.1



#50
Dimethylphthalate
Concen: 47.928 ng
RT: 13.915 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:163 Resp: 307256
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.6 12.8

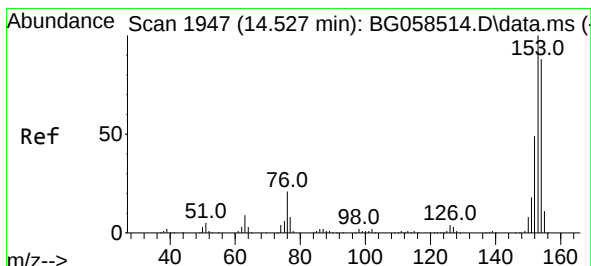
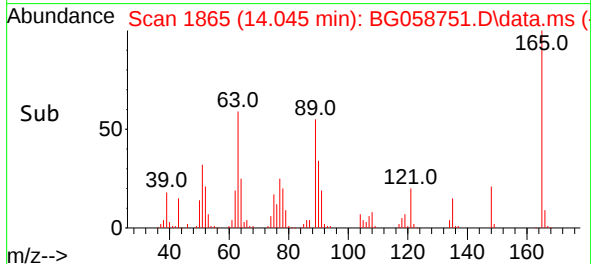
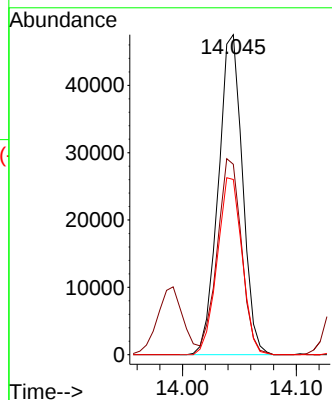
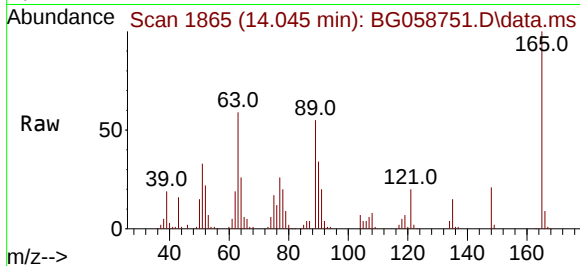




#51
2,6-Dinitrotoluene
Concen: 49.987 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

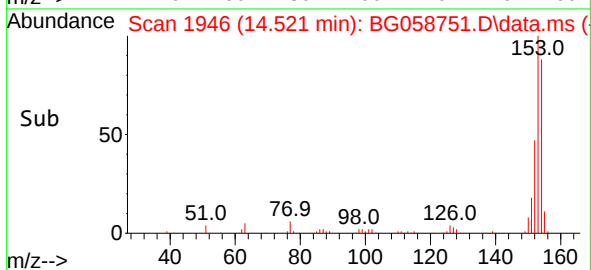
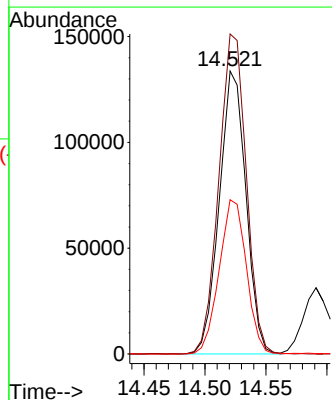
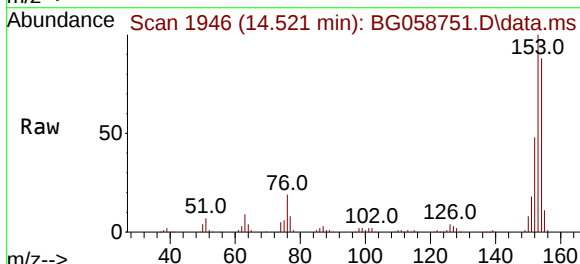
Instrument :
BNA_G
ClientSampleId :
PB154435BS

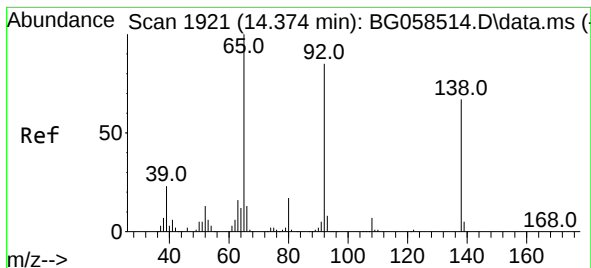
Tgt Ion:165 Resp: 70314
Ion Ratio Lower Upper
165 100
63 59.5 46.4 69.6
89 54.8 45.3 67.9



#52
Acenaphthene
Concen: 45.974 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:154 Resp: 203285
Ion Ratio Lower Upper
154 100
153 113.1 91.1 136.7
152 54.5 44.6 66.8

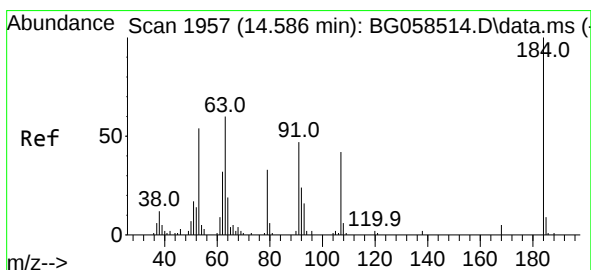
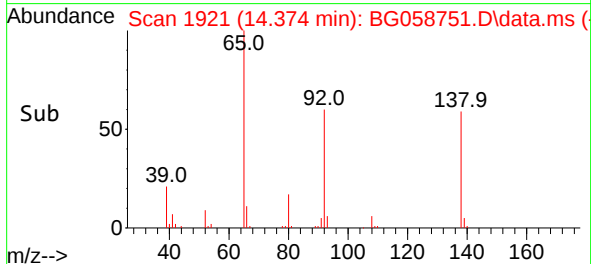
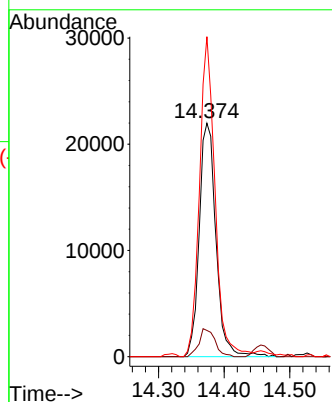
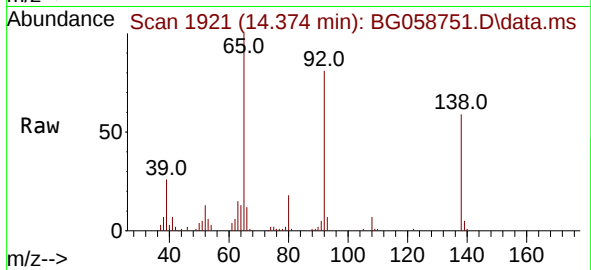




#53
3-Nitroaniline
Concen: 27.719 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

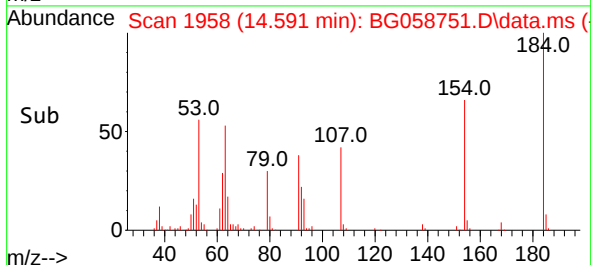
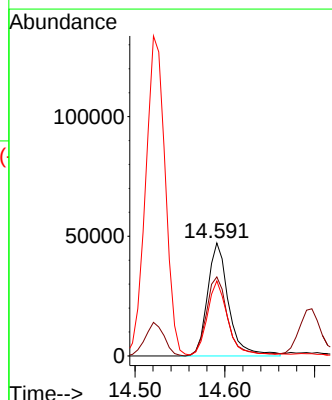
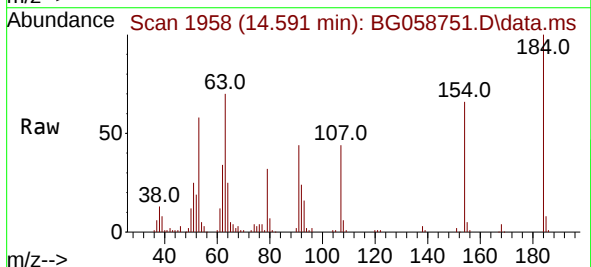
Instrument :
BNA_G
ClientSampleId :
PB154435BS

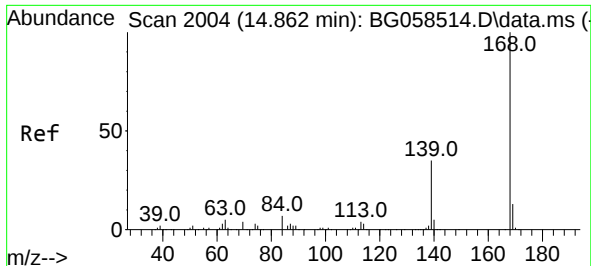
Tgt Ion:138 Resp: 39010
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 137.0 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 95.550 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:184 Resp: 77039
Ion Ratio Lower Upper
184 100
63 70.0 56.7 85.1
154 66.4 46.1 69.1

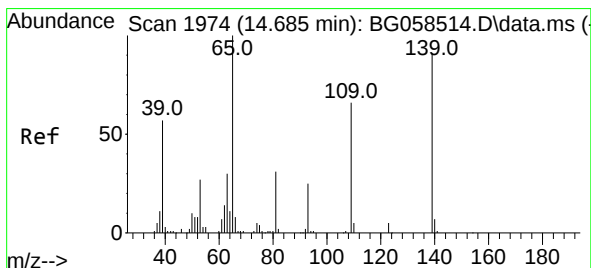
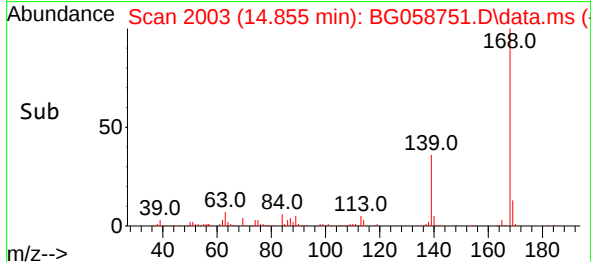
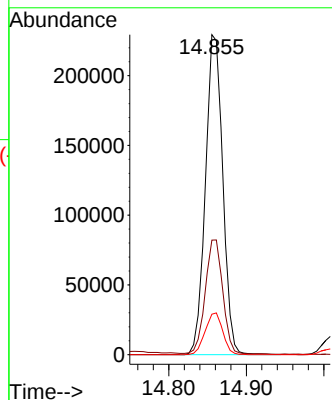
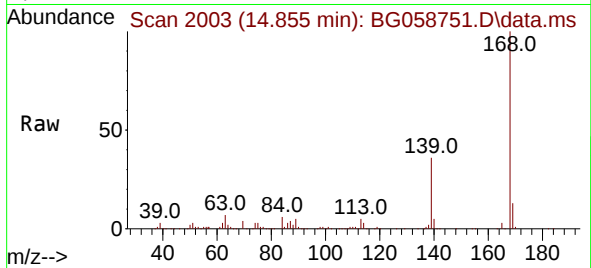




#55
Dibenzofuran
Concen: 46.800 ng
RT: 14.855 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

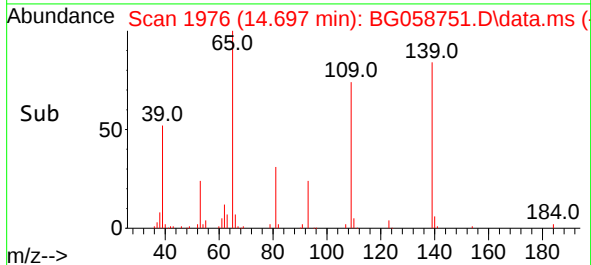
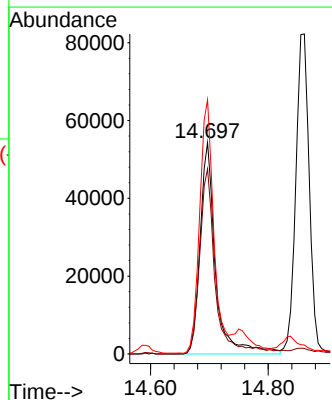
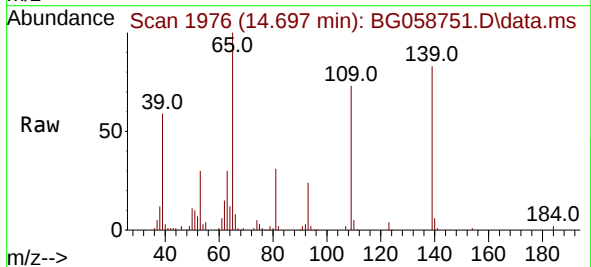
Instrument :
BNA_G
ClientSampleId :
PB154435BS

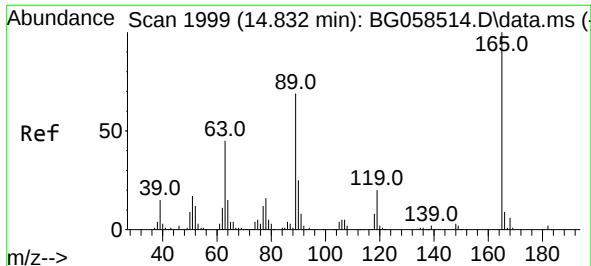
Tgt Ion:168 Resp: 355582
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.8
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 94.582 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:139 Resp: 99292
Ion Ratio Lower Upper
139 100
109 87.6 52.5 92.5
65 120.2 90.5 130.5

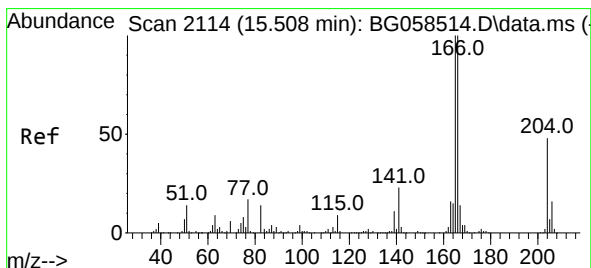
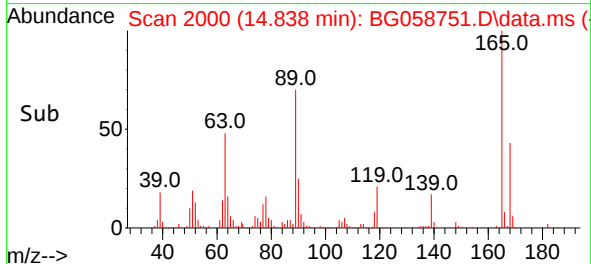
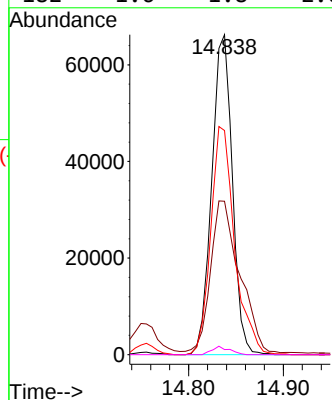
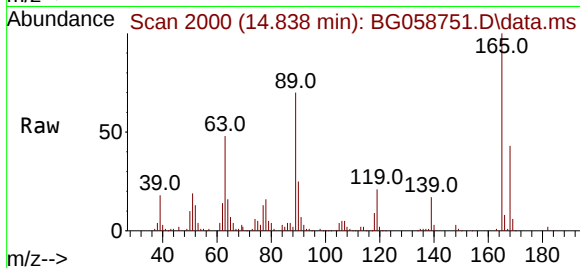




#57
2,4-Dinitrotoluene
Concen: 51.220 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

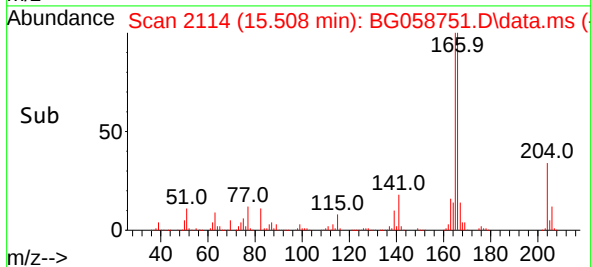
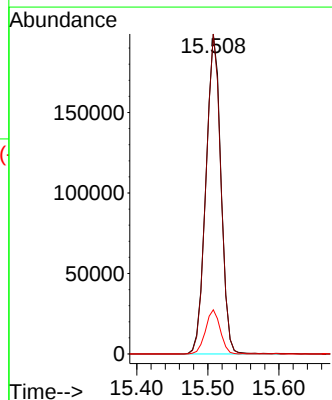
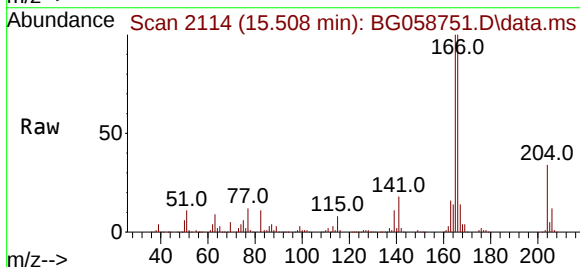
Instrument :
BNA_G
ClientSampleId :
PB154435BS

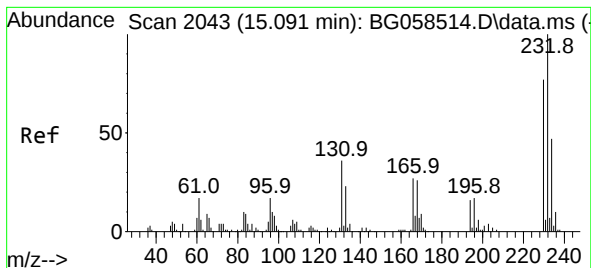
Tgt Ion:	165	Resp:	99885
Ion Ratio	Lower	Upper	
165	100		
63	48.0	36.6	54.8
89	70.1	55.4	83.0
182	1.6	1.8	2.6



#58
Fluorene
Concen: 48.261 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:	166	Resp:	291294
Ion Ratio	Lower	Upper	
166	100		
165	100.1	80.0	120.0
167	13.8	11.3	16.9

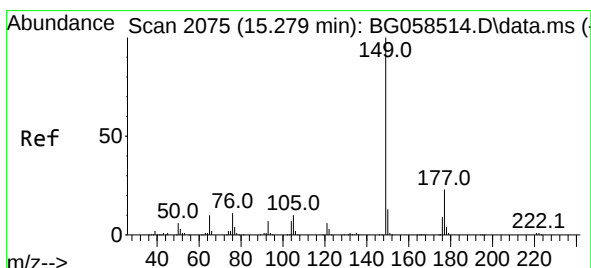
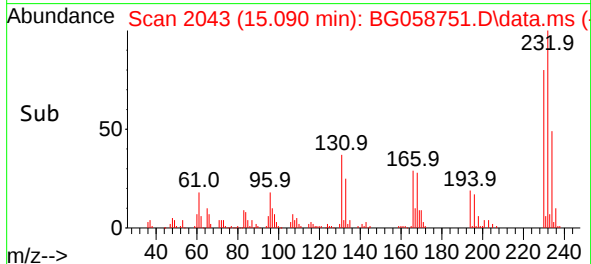
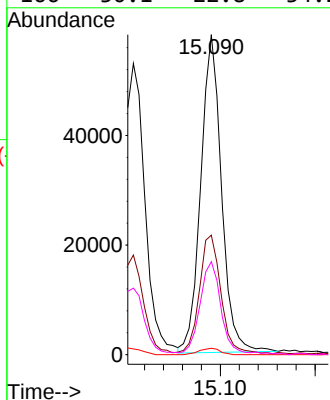
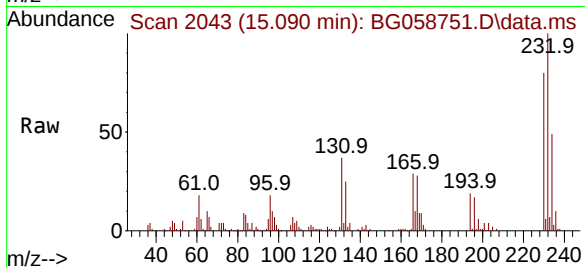




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.673 ng
RT: 15.090 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

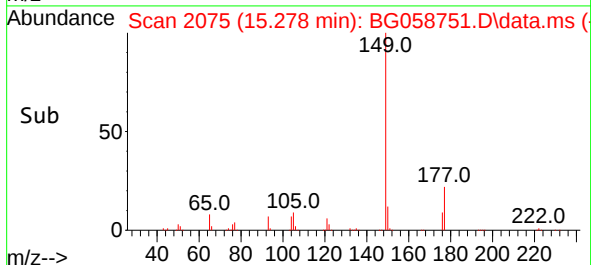
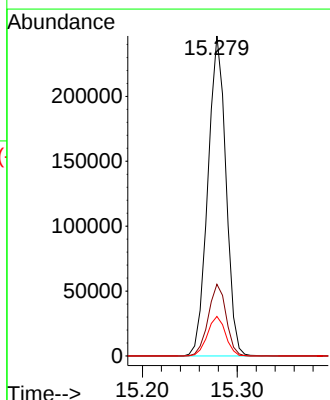
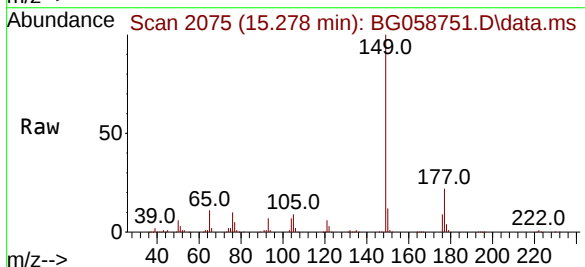
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion:232 Resp: 88179
Ion Ratio Lower Upper
232 100
131 39.0 30.0 45.0
130 2.0 1.5 2.3
166 30.1 22.8 34.2



#60
Diethylphthalate
Concen: 49.795 ng
RT: 15.278 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:149 Resp: 325208
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.4 10.2 15.4

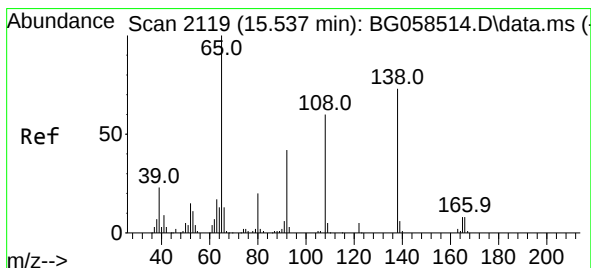
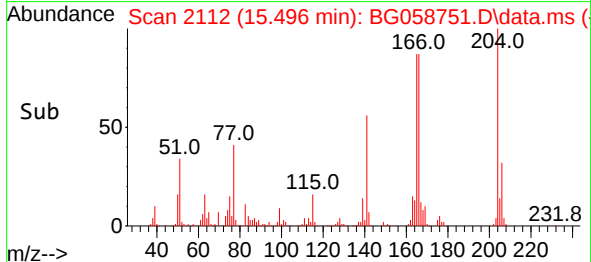
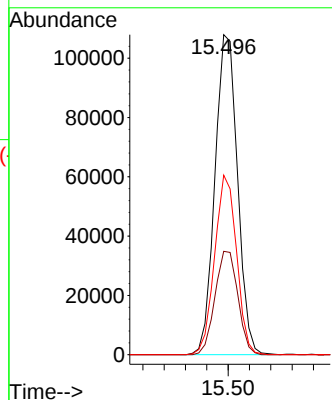
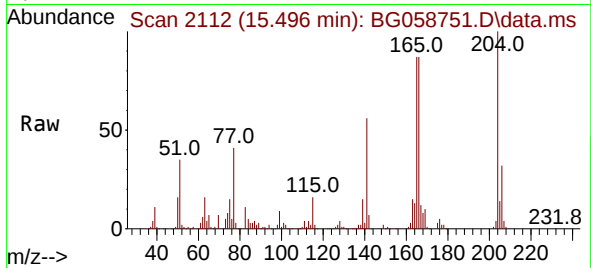




#61
4-Chlorophenyl-phenylether
Concen: 47.137 ng
RT: 15.496 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

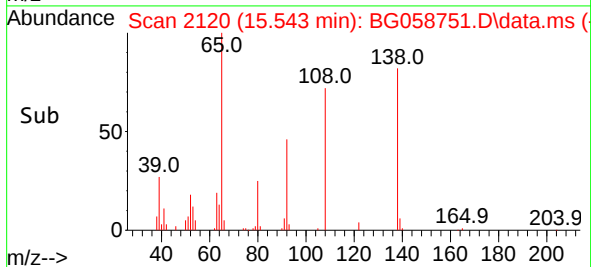
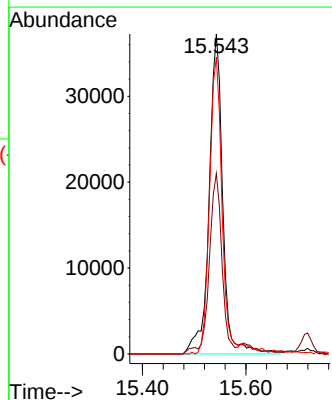
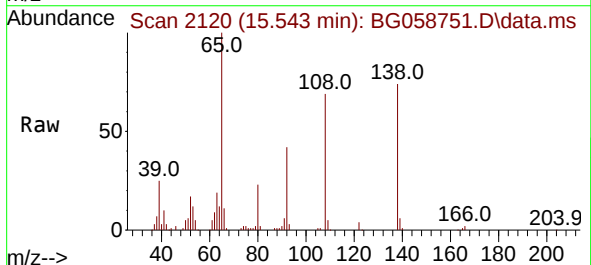
Instrument :
BNA_G
ClientSampleId :
PB154435BS

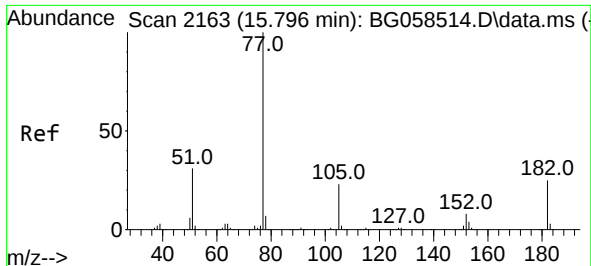
Tgt Ion:204 Resp: 158618
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 56.1 40.8 61.2



#62
4-Nitroaniline
Concen: 51.418 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:138 Resp: 68549
Ion Ratio Lower Upper
138 100
92 56.4 37.3 77.3
108 92.7 62.6 102.6

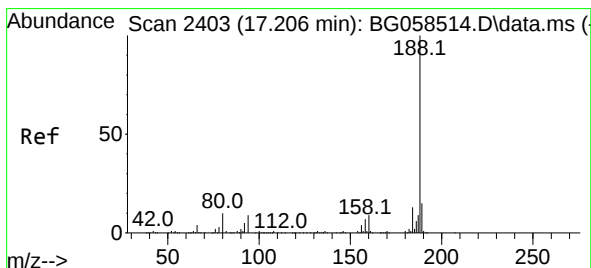
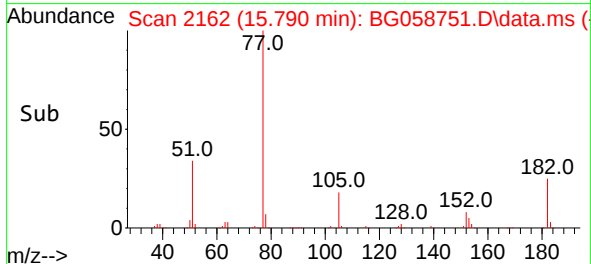
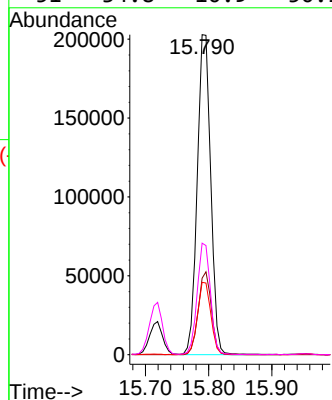
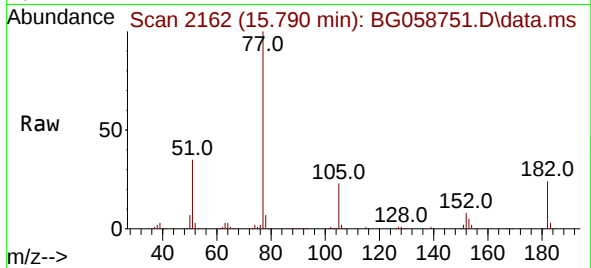




#63
Azobenzene
Concen: 46.781 ng
RT: 15.790 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

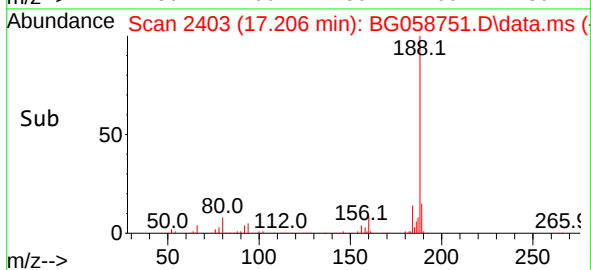
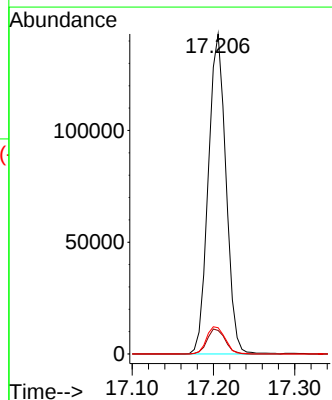
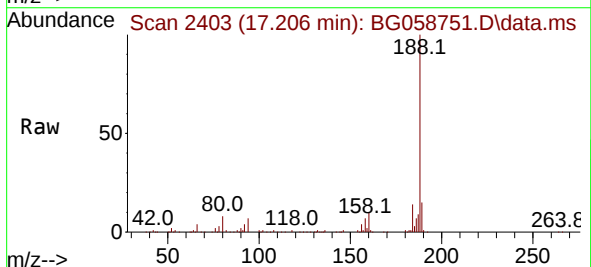
Instrument :
BNA_G
ClientSampleId :
PB154435BS

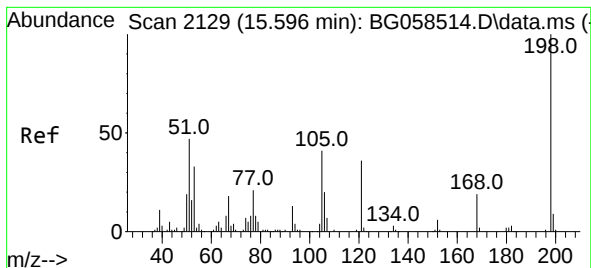
Tgt Ion: 77 Resp: 300932
Ion Ratio Lower Upper
77 100
182 23.9 4.6 44.6
105 22.6 3.3 43.3
51 34.8 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:188 Resp: 215755
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.2 8.1 12.1

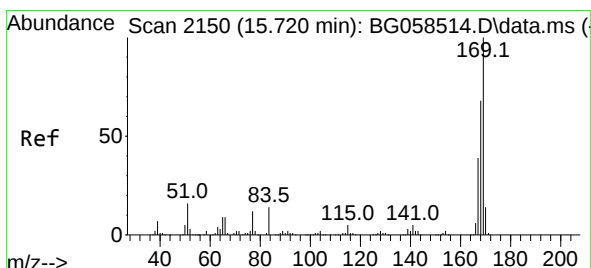
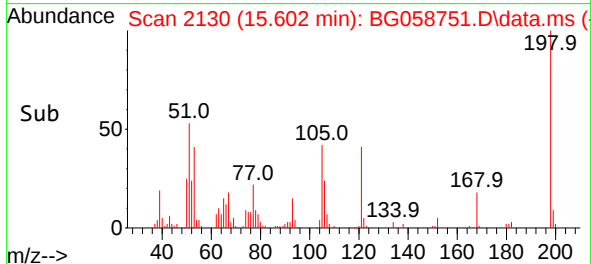
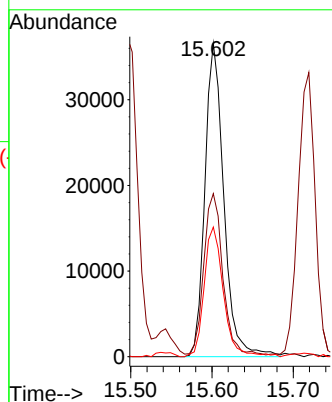
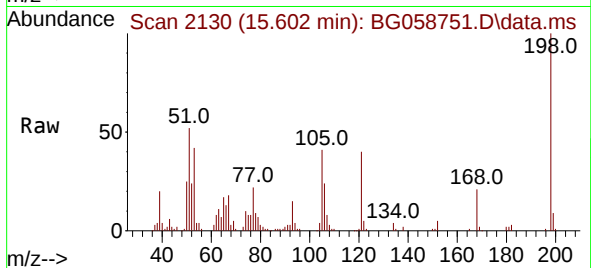




#65
4,6-Dinitro-2-methylphenol
Concen: 49.727 ng
RT: 15.602 min Scan# 21130
Delta R.T. 0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

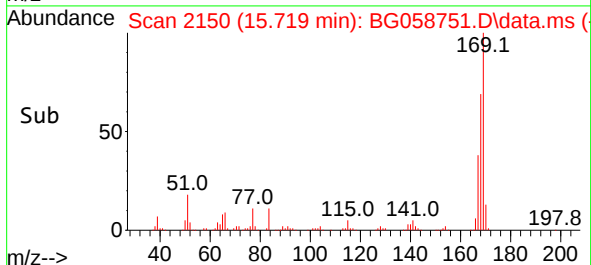
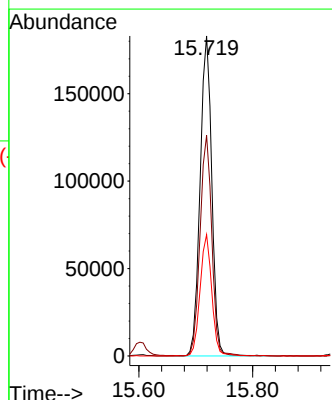
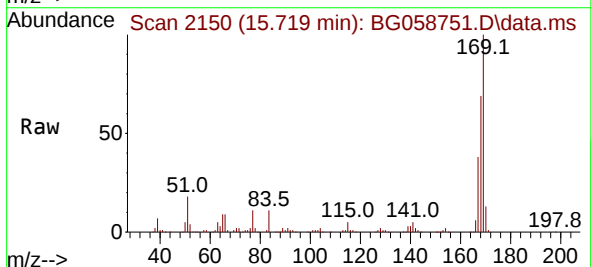
Instrument :
BNA_G
ClientSampleId :
PB154435BS

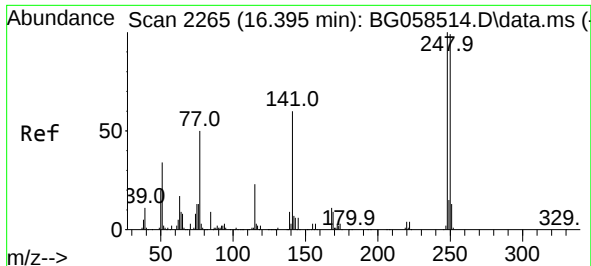
Tgt Ion:198 Resp: 59158
Ion Ratio Lower Upper
198 100
51 52.0 29.3 69.3
105 41.4 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 46.507 ng
RT: 15.719 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:169 Resp: 261159
Ion Ratio Lower Upper
169 100
168 68.9 54.6 82.0
167 37.9 31.3 46.9

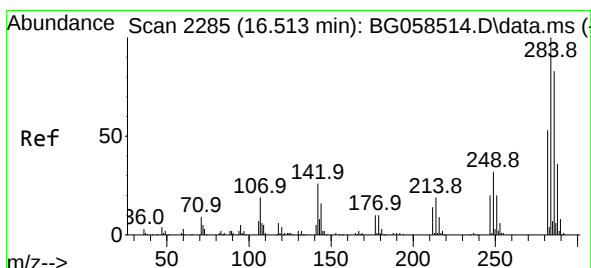
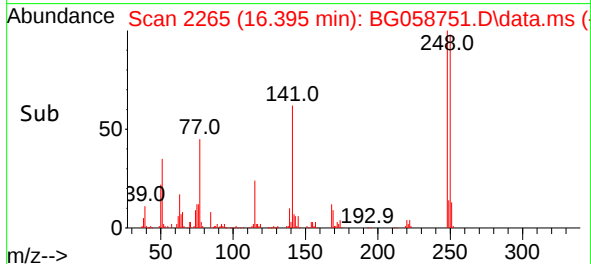
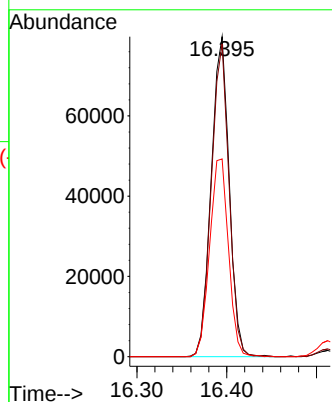
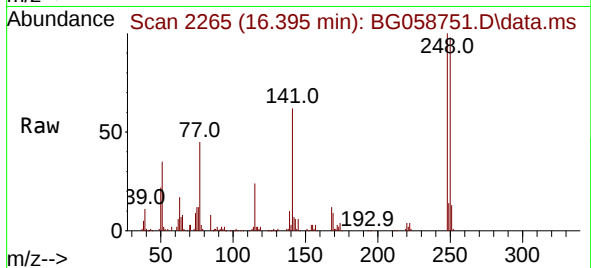




#67
4-Bromophenyl-phenylether
Concen: 45.333 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

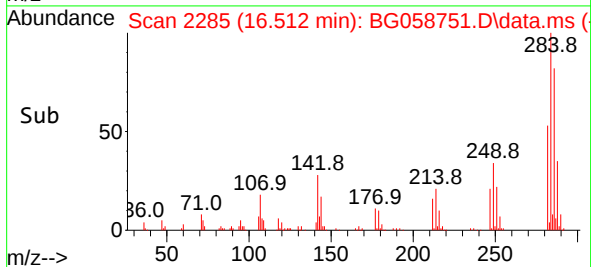
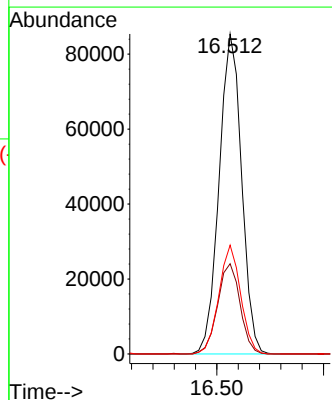
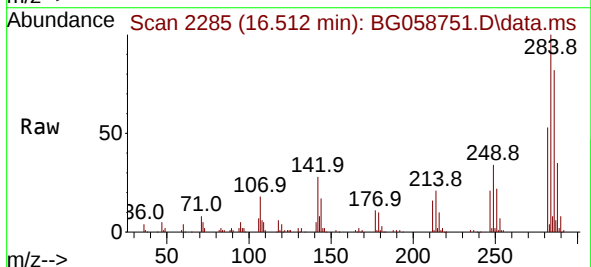
Instrument :
BNA_G
ClientSampleId :
PB154435BS

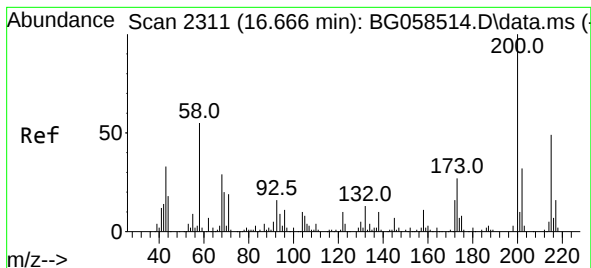
Tgt Ion:248 Resp: 110935
Ion Ratio Lower Upper
248 100
250 97.8 79.5 119.3
141 61.8 48.2 72.2



#68
Hexachlorobenzene
Concen: 48.067 ng
RT: 16.512 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:284 Resp: 124642
Ion Ratio Lower Upper
284 100
142 28.2 21.0 31.4
249 34.0 25.5 38.3





#69

Atrazine

Concen: 57.330 ng

RT: 16.665 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

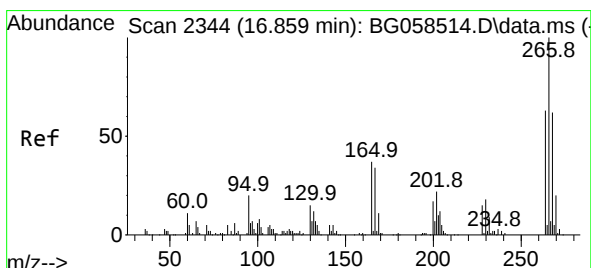
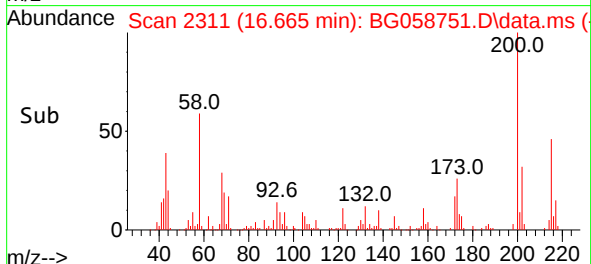
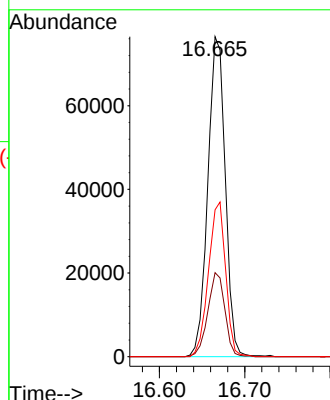
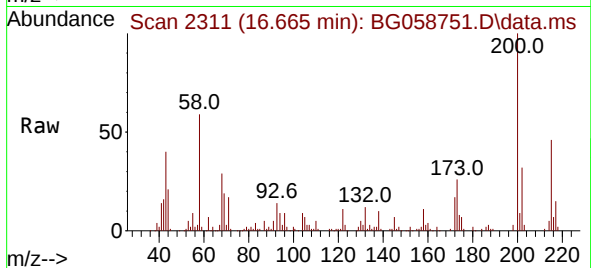
Tgt Ion:200 Resp: 108678

Ion Ratio Lower Upper

200 100

173 26.3 6.5 46.5

215 45.9 28.9 68.9



#70

Pentachlorophenol

Concen: 74.549 ng

RT: 16.859 min Scan# 2344

Delta R.T. 0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

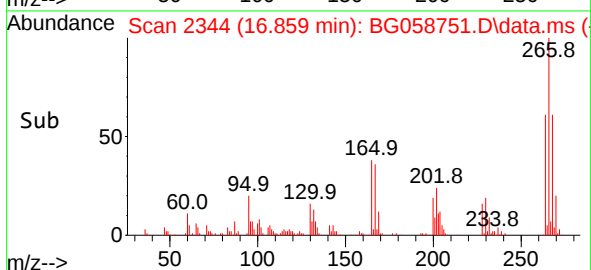
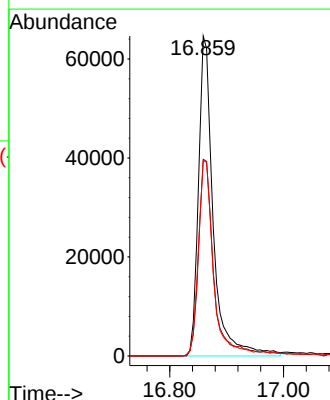
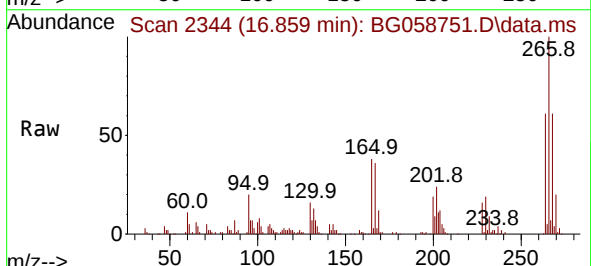
Tgt Ion:266 Resp: 117009

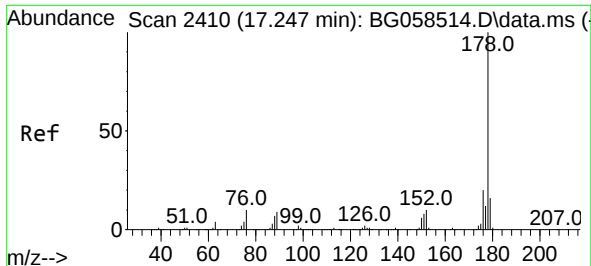
Ion Ratio Lower Upper

266 100

268 61.5 49.9 74.9

264 61.1 50.2 75.4

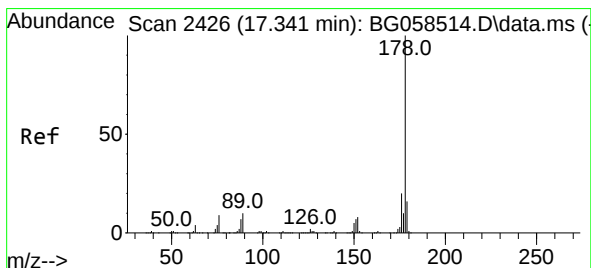
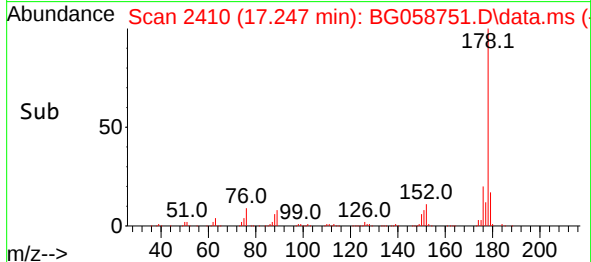
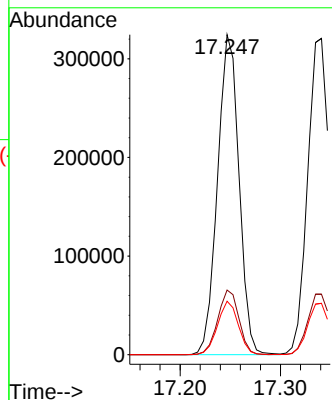
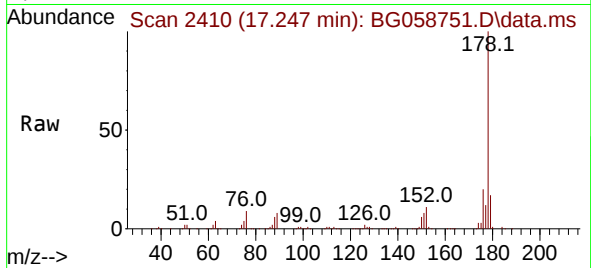




#71
Phenanthrene
Concen: 47.093 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

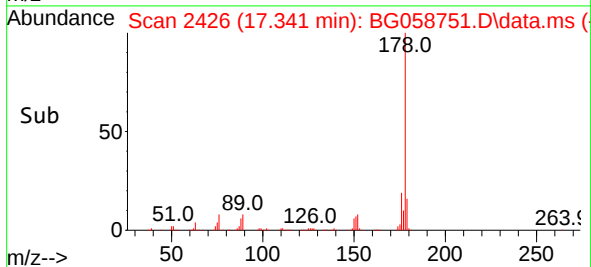
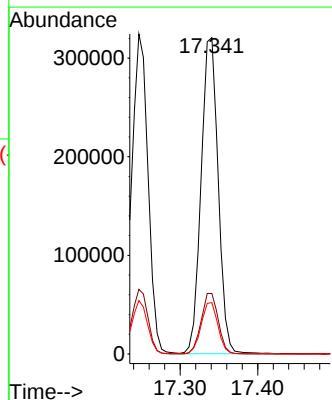
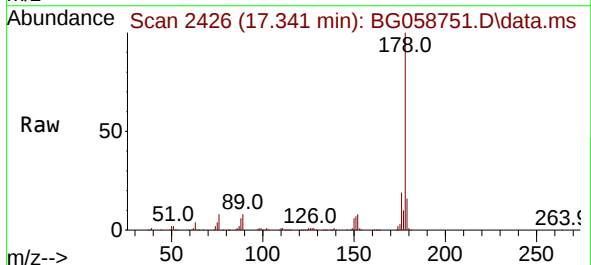
Instrument :
BNA_G
ClientSampleId :
PB154435BS

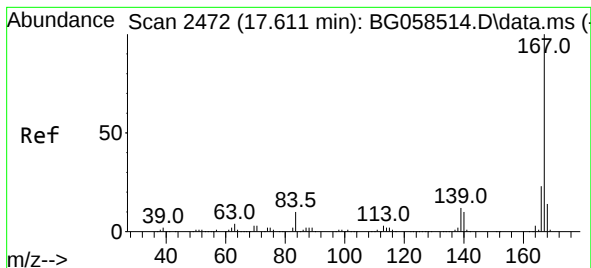
Tgt Ion:178 Resp: 481857
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.7 13.1 19.7



#72
Anthracene
Concen: 46.628 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:178 Resp: 489547
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.3 12.9 19.3





#73

Carbazole

Concen: 48.402 ng

RT: 17.611 min Scan# 2472

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

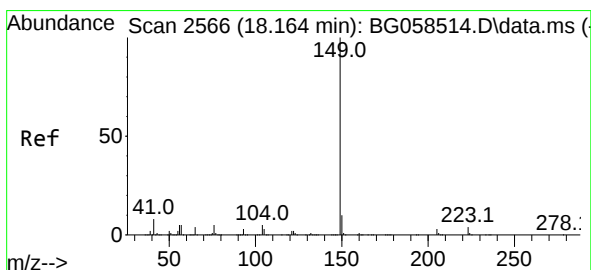
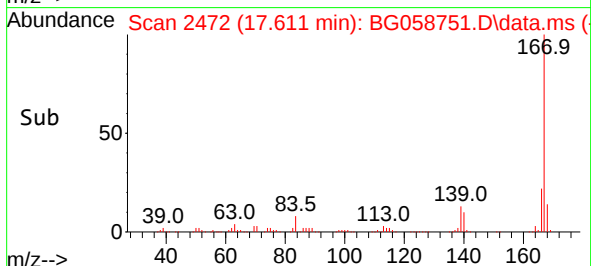
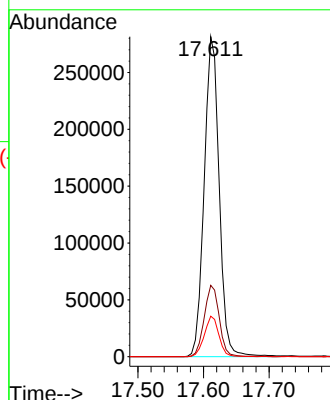
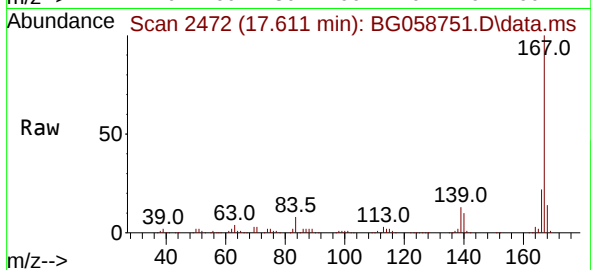
Tgt Ion:167 Resp: 448115

Ion Ratio Lower Upper

167 100

166 22.3 18.4 27.6

139 12.7 10.0 15.0



#74

Di-n-butylphthalate

Concen: 48.363 ng

RT: 18.163 min Scan# 2566

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

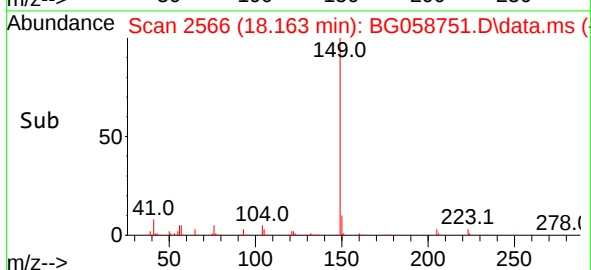
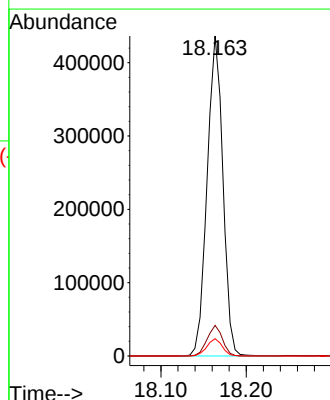
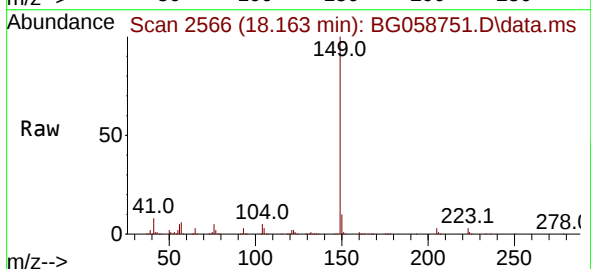
Tgt Ion:149 Resp: 560831

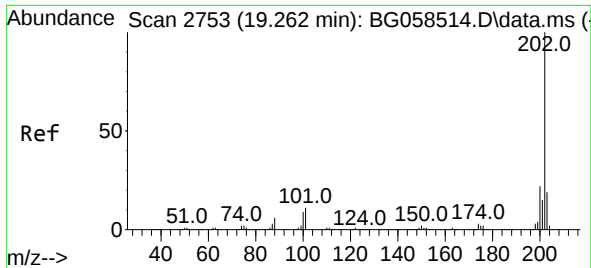
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.4 4.0 6.0

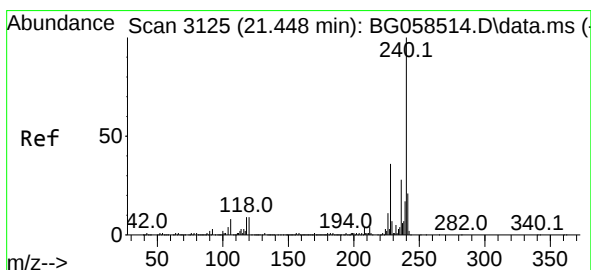
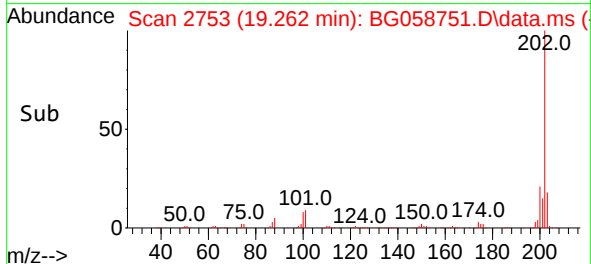
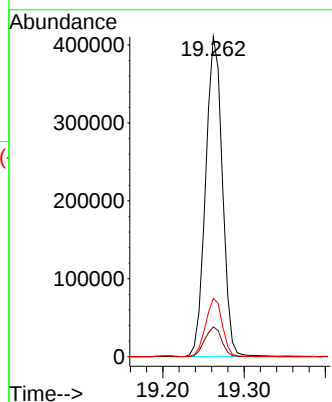
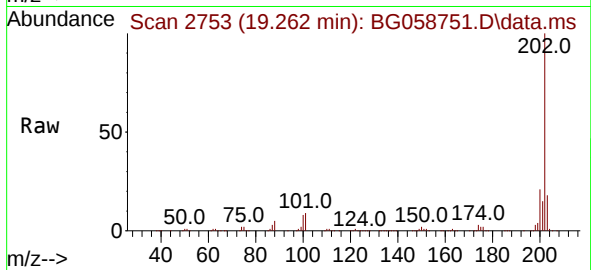




#75
Fluoranthene
Concen: 47.742 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

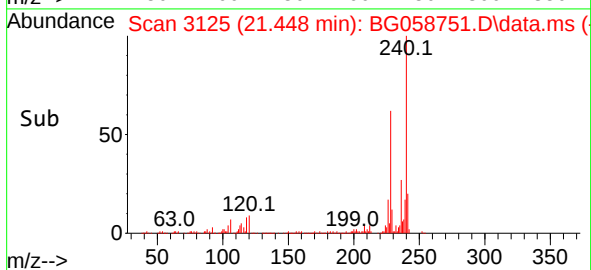
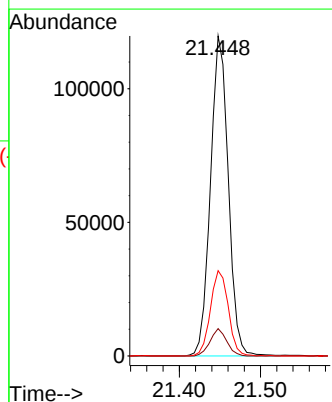
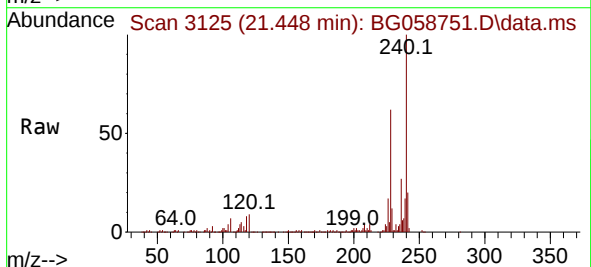
Instrument :
BNA_G
ClientSampleId :
PB154435BS

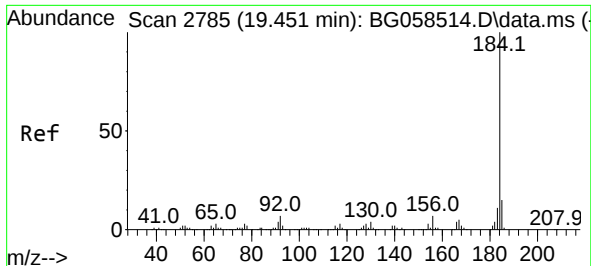
Tgt Ion:202 Resp: 586797
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 18.3 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:240 Resp: 182246
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.6 22.2 33.4

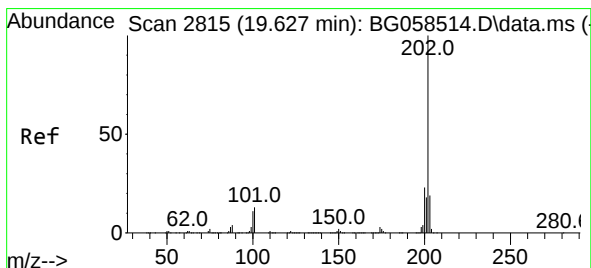
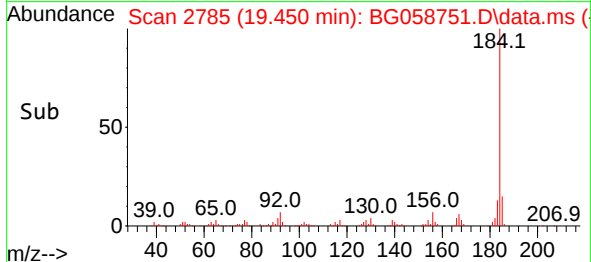
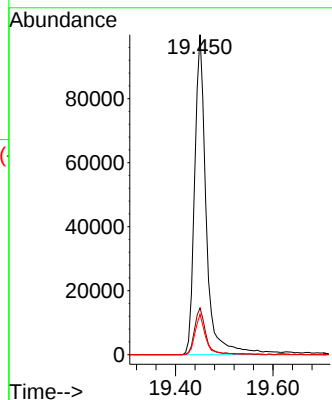
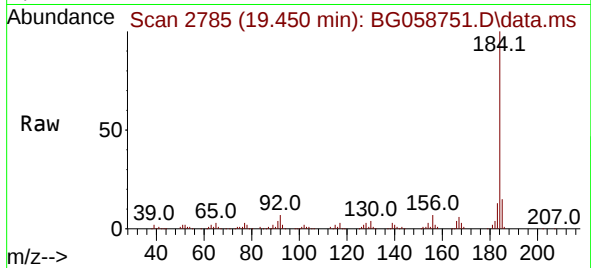




#77
Benzidine
Concen: 60.439 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

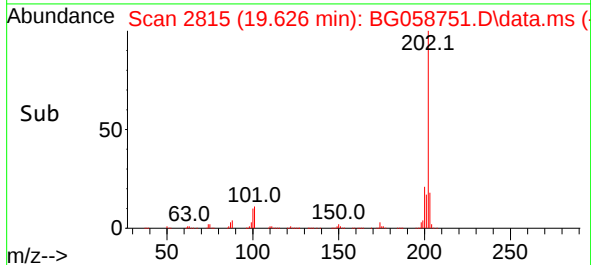
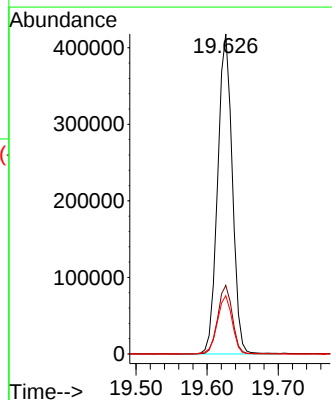
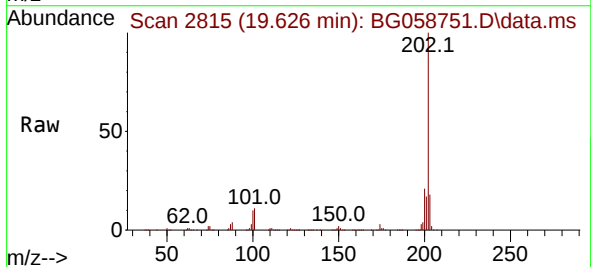
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion:184 Resp: 167028
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.6 8.7 13.1



#78
Pyrene
Concen: 47.946 ng
RT: 19.626 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:202 Resp: 594672
Ion Ratio Lower Upper
202 100
200 21.4 18.2 27.2
203 18.2 15.1 22.7





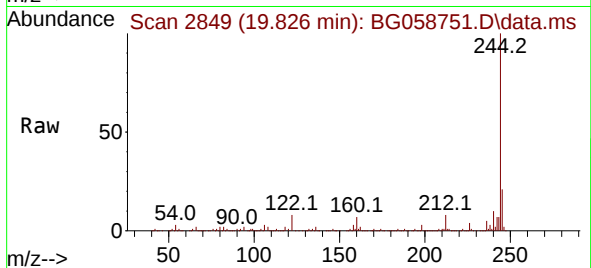
#79
 Terphenyl-d14
 Concen: 97.372 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

Instrument :

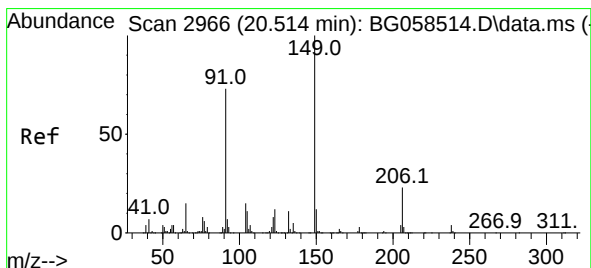
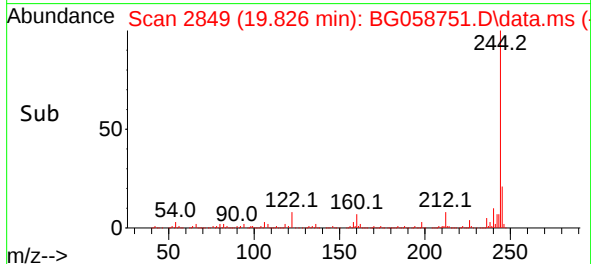
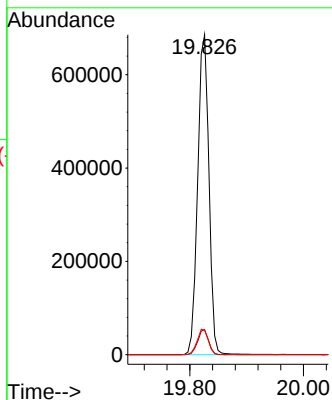
BNA_G

ClientSampleId :

PB154435BS

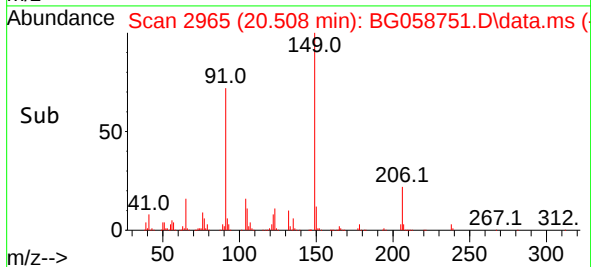
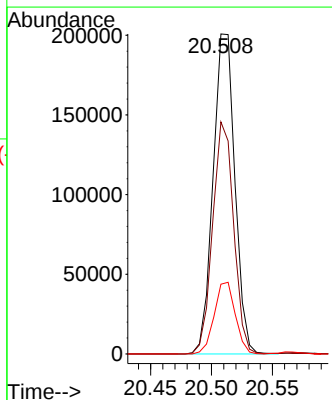
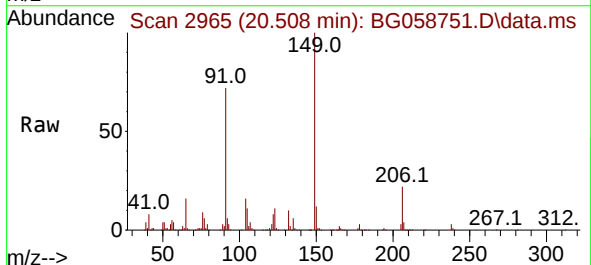


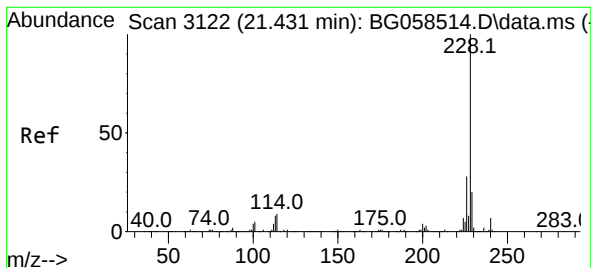
Tgt Ion:244 Resp: 943655
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 7.7 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 49.161 ng
 RT: 20.508 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

Tgt Ion:149 Resp: 250455
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.4 87.6
 206 21.8 18.3 27.5





#81

Benzo(a)anthracene

Concen: 47.633 ng

RT: 21.430 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

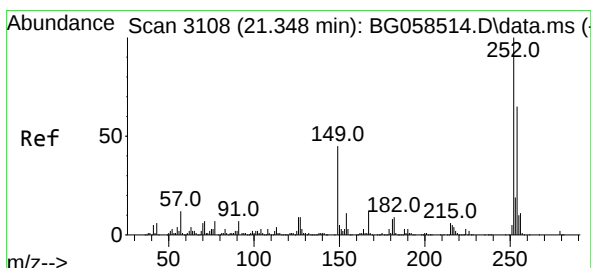
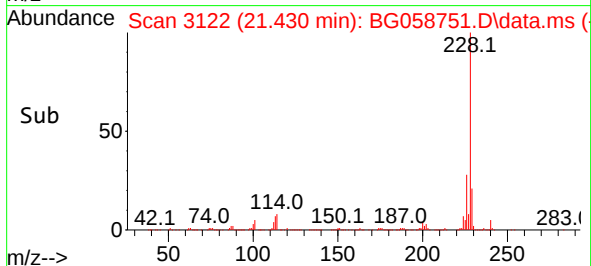
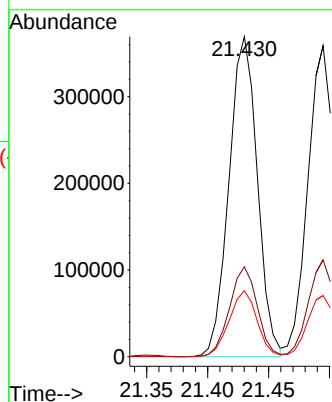
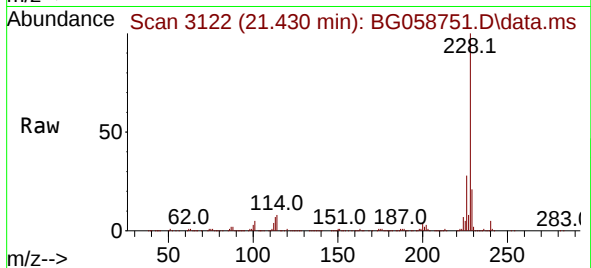
Tgt Ion:228 Resp: 597416

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 36.937 ng

RT: 21.354 min Scan# 3109

Delta R.T. 0.005 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

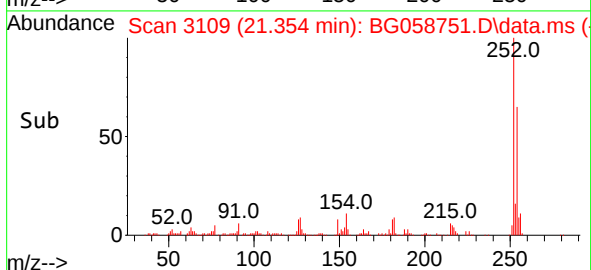
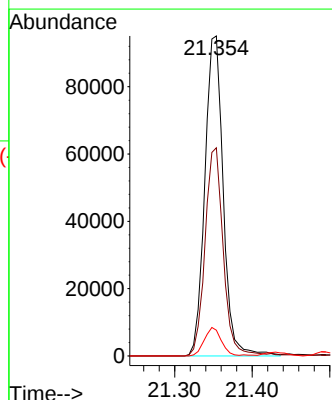
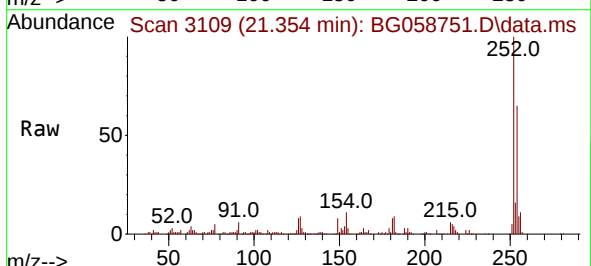
Tgt Ion:252 Resp: 156633

Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.4

126 8.1 7.2 10.8





#83

Chrysene

Concen: 46.628 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

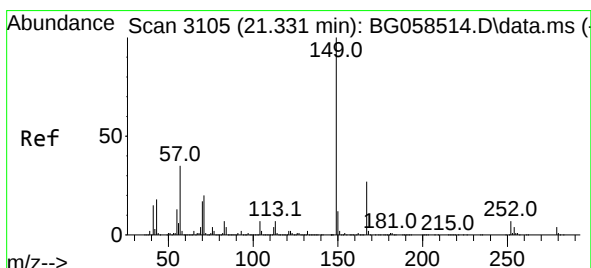
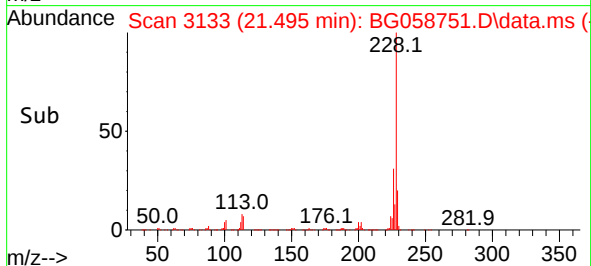
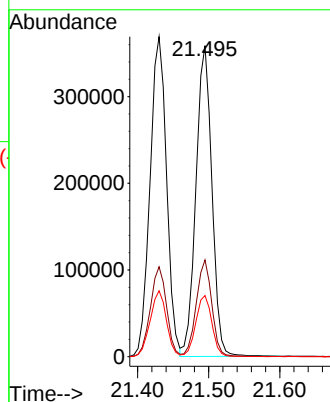
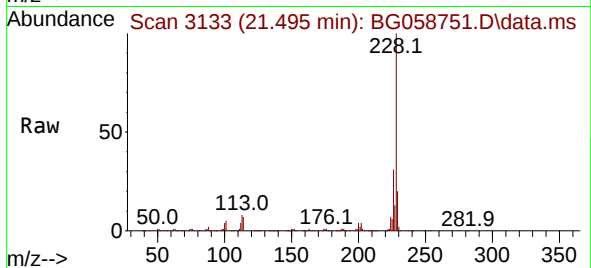
Tgt Ion:228 Resp: 560714

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 19.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.791 ng

RT: 21.330 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

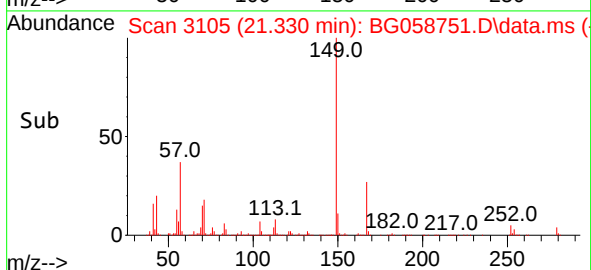
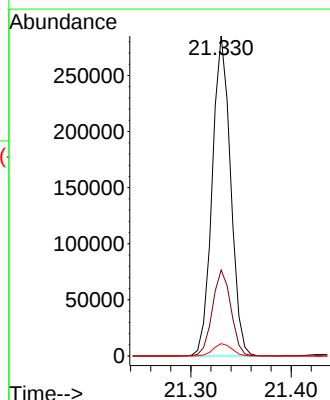
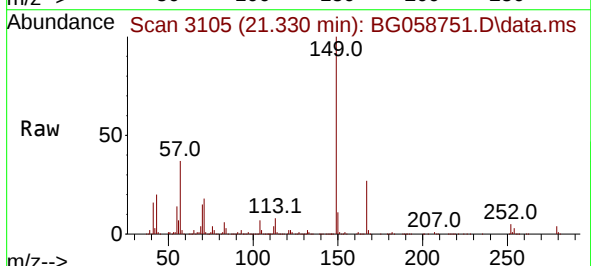
Tgt Ion:149 Resp: 363242

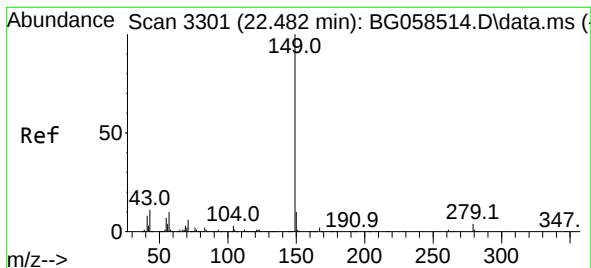
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 3.9 2.9 4.3

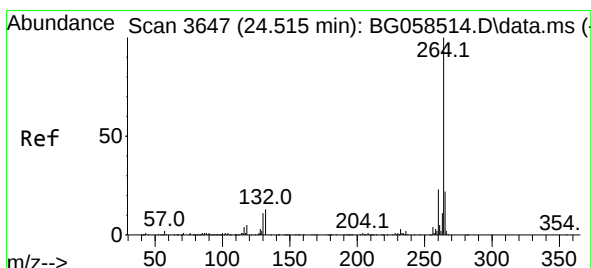
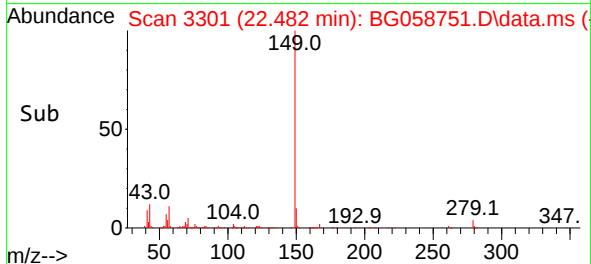
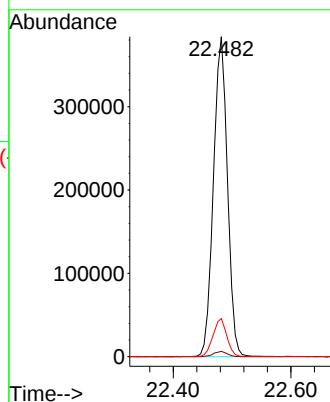
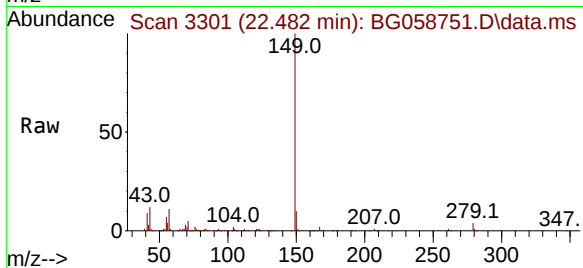




#85
Di-n-octyl phthalate
Concen: 48.438 ng
RT: 22.482 min Scan# 311
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

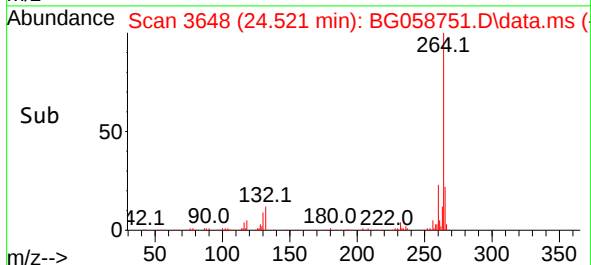
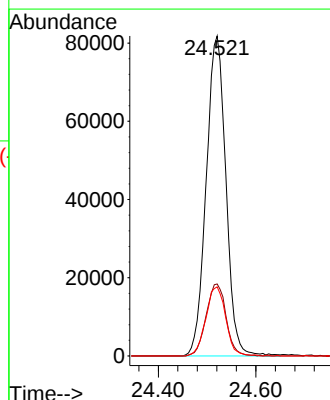
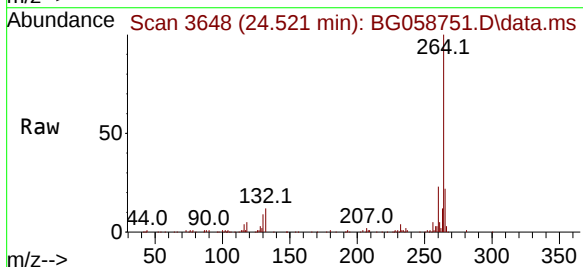
Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion:149 Resp: 634003
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:264 Resp: 229448
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.986 ng

RT: 28.022 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

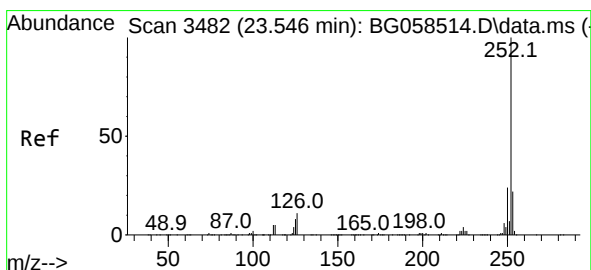
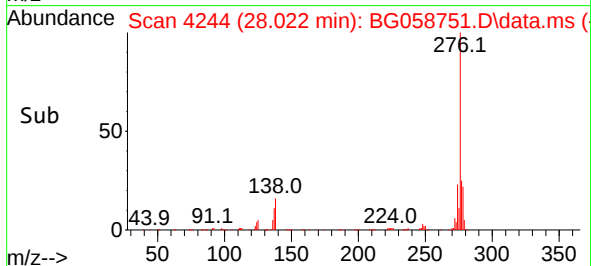
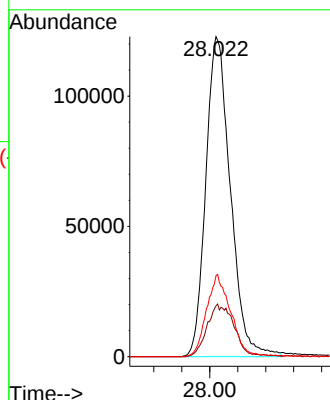
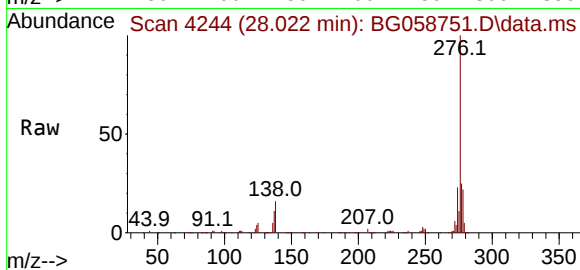
Tgt Ion:276 Resp: 747743

Ion Ratio Lower Upper

276 100

138 17.8 16.0 24.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.145 ng

RT: 23.545 min Scan# 3482

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

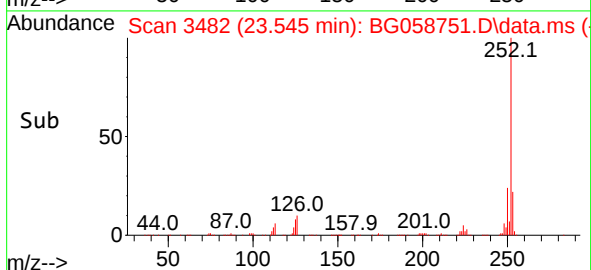
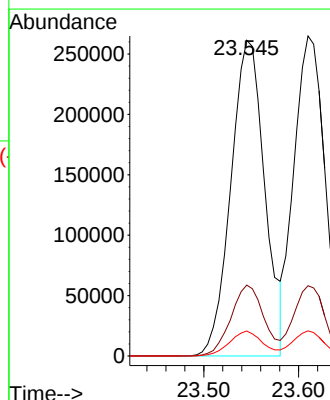
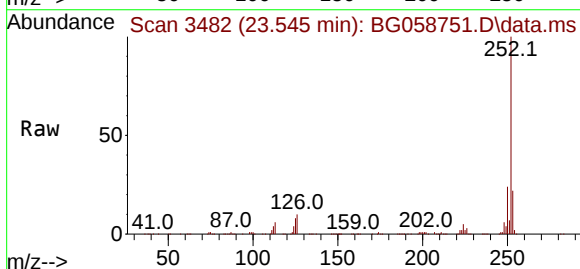
Tgt Ion:252 Resp: 648937

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 7.9 6.6 9.8

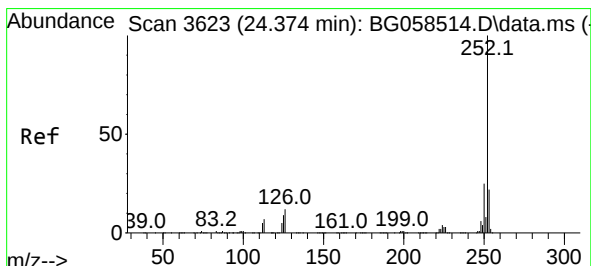
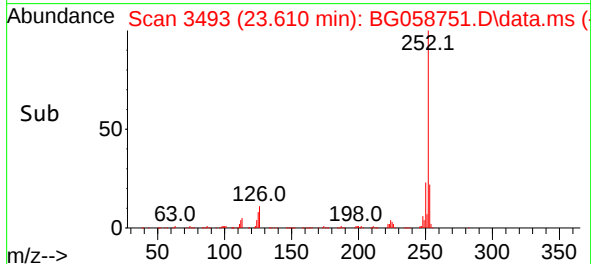
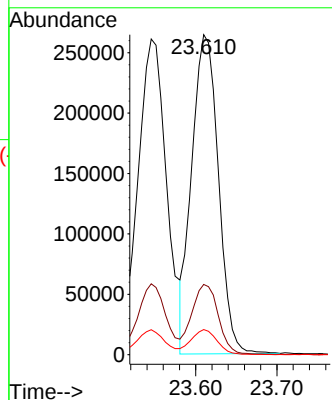
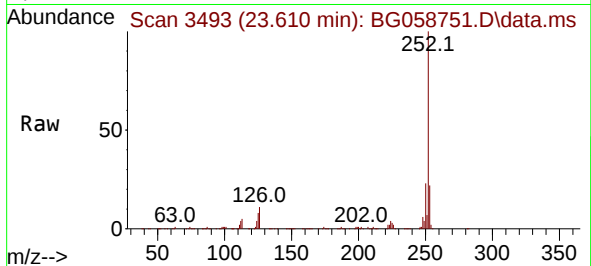




#89
Benzo(k)fluoranthene
Concen: 48.183 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

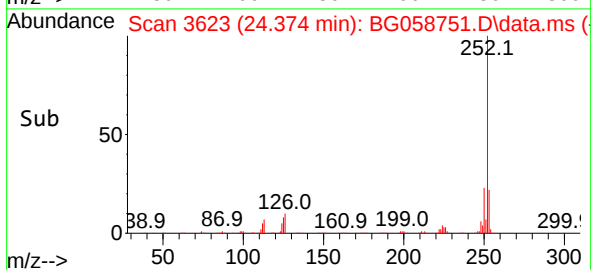
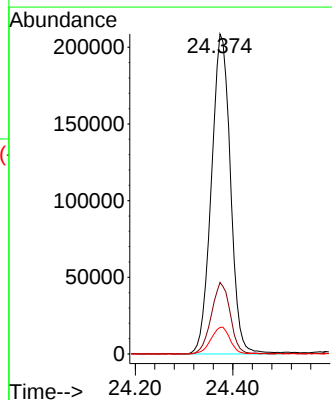
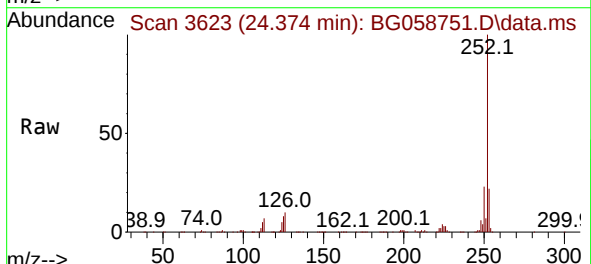
Instrument :
BNA_G
ClientSampleId :
PB154435BS

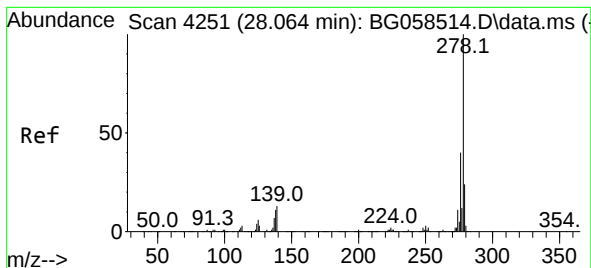
Tgt Ion:252 Resp: 602384
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.9 6.6 10.0



#90
Benzo(a)pyrene
Concen: 46.324 ng
RT: 24.374 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:252 Resp: 566151
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 49.774 ng

RT: 28.075 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

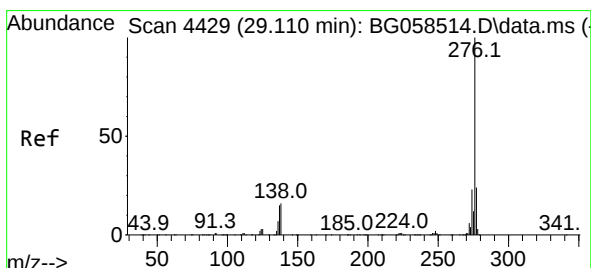
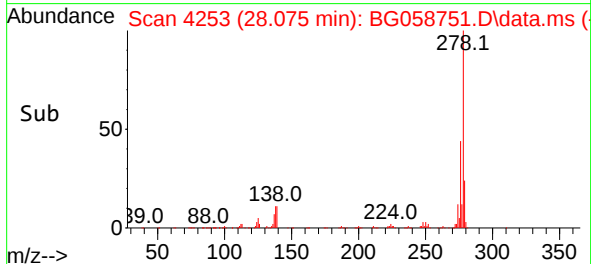
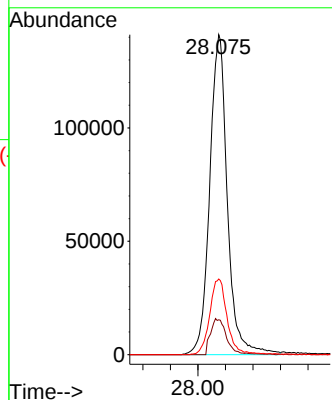
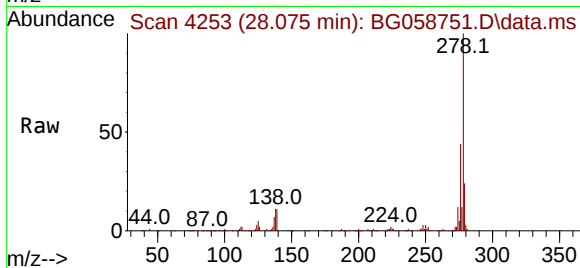
Tgt Ion:278 Resp: 628228

Ion Ratio Lower Upper

278 100

139 10.9 10.4 15.6

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.464 ng

RT: 29.115 min Scan# 4430

Delta R.T. 0.005 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Tgt Ion:276 Resp: 588066

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 15.9 13.0 19.4

