

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058698.D
 Acq On : 11 Aug 2023 11:05
 Operator : MA/JU
 Sample : PB154756BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154756BS

Quant Time: Aug 11 11:45:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	46189	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	201564	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	144462	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	364356	20.000	ng	0.00
76) Chrysene-d12	21.454	240	321640	20.000	ng	0.00
86) Perylene-d12	24.521	264	410065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	373993	123.759	ng	0.00
7) Phenol-d6	6.983	99	505449	120.203	ng	0.00
23) Nitrobenzene-d5	8.975	82	301638	73.515	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	260920	110.193	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	687347	71.303	ng	0.00
79) Terphenyl-d14	19.827	244	1352378	79.069	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	44894	30.658	ng	98
3) Pyridine	3.658	79	112427	28.161	ng	96
4) n-Nitrosodimethylamine	3.575	42	68544	40.521	ng	92
6) Aniline	7.136	93	170324	32.899	ng	99
8) 2-Chlorophenol	7.377	128	138395	46.683	ng	98
9) Benzaldehyde	6.948	77	74204	32.481	ng	96
10) Phenol	7.012	94	192130	46.774	ng	97
11) bis(2-Chloroethyl)ether	7.236	93	135199	41.750	ng	99
12) 1,3-Dichlorobenzene	7.700	146	132125	41.737	ng	99
13) 1,4-Dichlorobenzene	7.847	146	132536	41.697	ng	95
14) 1,2-Dichlorobenzene	8.164	146	131072	43.130	ng	98
15) Benzyl Alcohol	8.052	79	135490	50.808	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	229448	43.619	ng	97
17) 2-Methylphenol	8.258	107	131046	43.633	ng	98
18) Hexachloroethane	8.887	117	48026	41.569	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	110785	40.788	ng	100
20) 3+4-Methylphenols	8.587	107	178390	43.911	ng	96
22) Acetophenone	8.634	105	217492	40.298	ng	99
24) Nitrobenzene	9.022	77	165315	39.632	ng	96
25) Isophorone	9.539	82	324523	38.280	ng	100
26) 2-Nitrophenol	9.727	139	74381	40.964	ng	99
27) 2,4-Dimethylphenol	9.791	122	123901	41.138	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	185557	40.220	ng	100
29) 2,4-Dichlorophenol	10.267	162	135414	43.302	ng	96
30) 1,2,4-Trichlorobenzene	10.479	180	144629	40.103	ng	98
31) Naphthalene	10.661	128	413376	38.911	ng	99
32) Benzoic acid	9.962	122	71619	32.750	ng	98
33) 4-Chloroaniline	10.779	127	113580	25.305	ng	99
34) Hexachlorobutadiene	10.943	225	89819	38.673	ng	99
35) Caprolactam	11.601	113	20831	18.039	ng	96
36) 4-Chloro-3-methylphenol	11.913	107	166322	42.995	ng	99
37) 2-Methylnaphthalene	12.277	142	287030	37.771	ng	98
38) 1-Methylnaphthalene	12.500	142	278094	38.498	ng	97
40) 1,2,4,5-Tetrachloroben...	12.653	216	170113	38.356	ng	99
41) Hexachlorocyclopentadiene	12.623	237	140516	69.216	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	122304	40.093	ng	95

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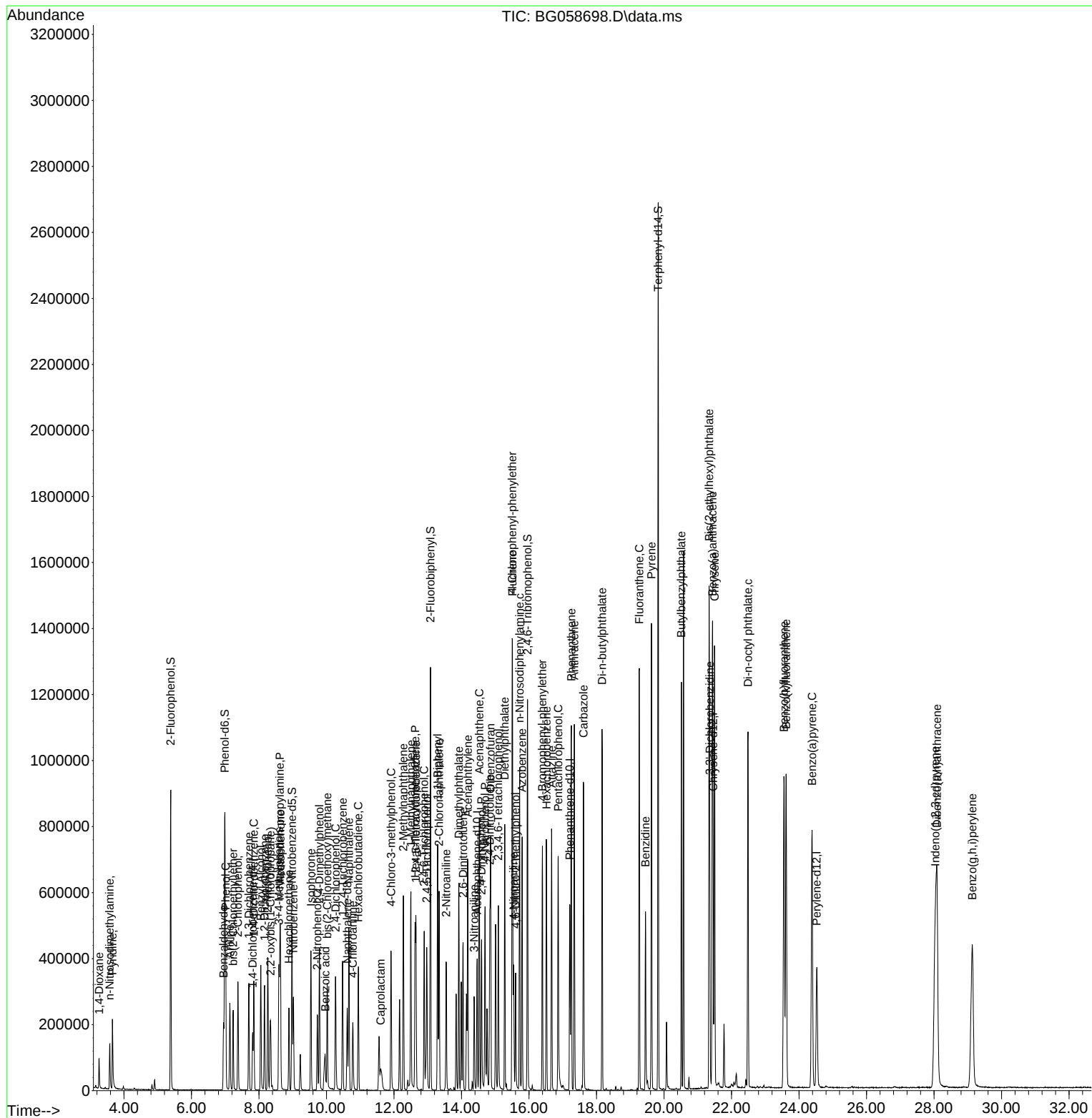
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	137043	38.141	ng	97
46) 1,1'-Biphenyl	13.293	154	387010	39.009	ng	99
47) 2-Chloronaphthalene	13.334	162	306070	39.567	ng	98
48) 2-Nitroaniline	13.546	65	125137	42.383	ng	98
49) Acenaphthylene	14.186	152	519912	40.145	ng	100
50) Dimethylphthalate	13.922	163	434841	40.080	ng	98
51) 2,6-Dinitrotoluene	14.045	165	98751	41.482	ng	99
52) Acenaphthene	14.527	154	291532	38.958	ng	99
53) 3-Nitroaniline	14.374	138	72032	30.243	ng	97
54) 2,4-Dinitrophenol	14.592	184	108706	80.911	ng	99
55) Dibenzofuran	14.862	168	504498	39.234	ng	100
56) 4-Nitrophenol	14.698	139	150995	85.326	ng	94
57) 2,4-Dinitrotoluene	14.839	165	138638	42.007	ng	94
58) Fluorene	15.508	166	408439	39.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	123757	40.364	ng	100
60) Diethylphthalate	15.279	149	447658	40.501	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	223200	39.192	ng	98
62) 4-Nitroaniline	15.544	138	102394	45.383	ng	98
63) Azobenzene	15.796	77	436667	40.110	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	84553	42.087	ng	96
66) n-Nitrosodiphenylamine	15.720	169	368984	38.909	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	157868	38.201	ng	95
68) Hexachlorobenzene	16.519	284	177985	40.644	ng	98
69) Atrazine	16.672	200	154958	48.405	ng	98
70) Pentachlorophenol	16.866	266	180006	67.912	ng	98
71) Phenanthrene	17.253	178	683365	39.548	ng	99
72) Anthracene	17.341	178	696007	39.256	ng	100
73) Carbazole	17.612	167	664523	42.503	ng	99
74) Di-n-butylphthalate	18.164	149	810953	41.410	ng	100
75) Fluoranthene	19.269	202	857650	41.320	ng	99
77) Benzidine	19.451	184	354182	72.617	ng	98
78) Pyrene	19.627	202	879564	40.182	ng	99
80) Butylbenzylphthalate	20.514	149	358713	39.896	ng	99
81) Benzo(a)anthracene	21.431	228	898592	40.596	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	272295	36.383	ng	100
83) Chrysene	21.495	228	831770	39.192	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	522745	39.785	ng	100
85) Di-n-octyl phthalate	22.488	149	937047	40.564	ng	99
87) Indeno(1,2,3-cd)pyrene	28.035	276	1136529	41.661	ng	99
88) Benzo(b)fluoranthene	23.552	252	961897	43.249	ng	99
89) Benzo(k)fluoranthene	23.616	252	895430	40.076	ng	100
90) Benzo(a)pyrene	24.386	252	846655	38.763	ng	98
91) Dibenzo(a,h)anthracene	28.088	278	940162	41.679	ng	99
92) Benzo(g,h,i)perylene	29.134	276	916571	40.522	ng	99

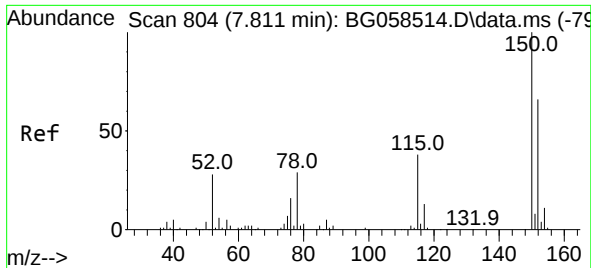
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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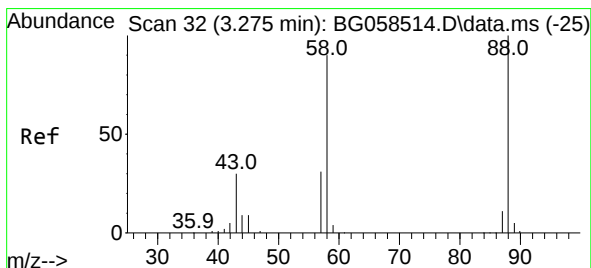
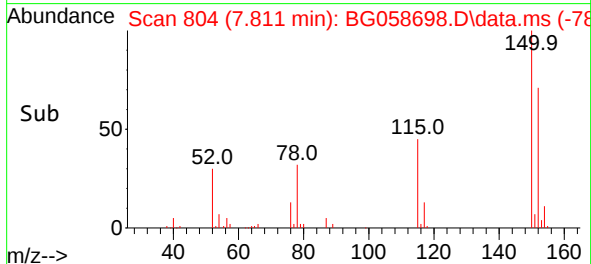
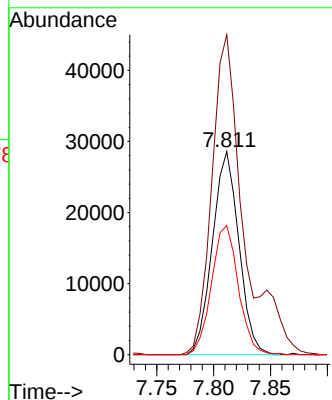
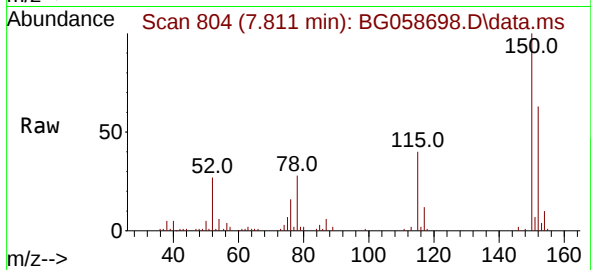




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

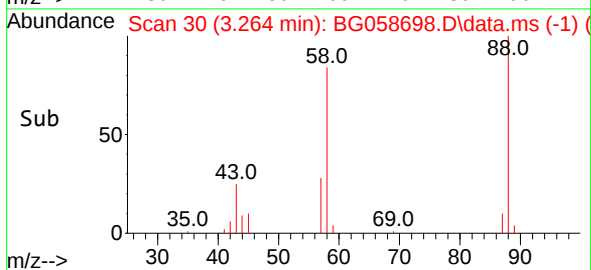
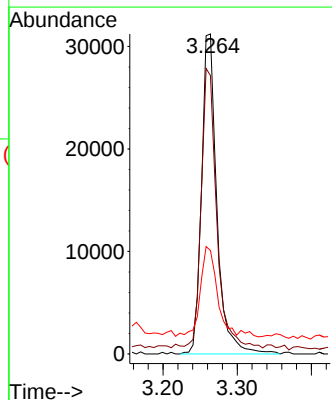
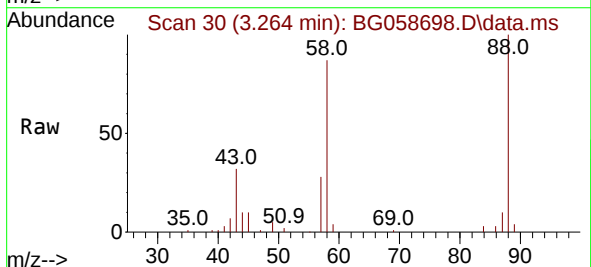
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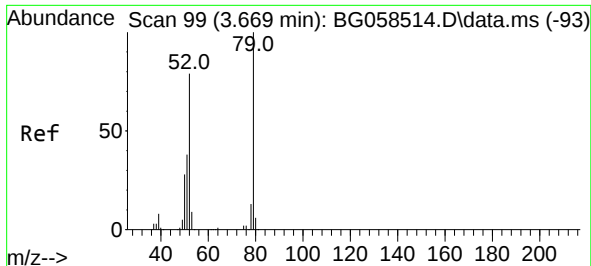
Tgt Ion:152 Resp: 46189
 Ion Ratio Lower Upper
 152 100
 150 157.6 120.5 180.7
 115 63.6 45.9 68.9



#2
 1,4-Dioxane
 Concen: 30.658 ng
 RT: 3.264 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

Tgt Ion: 88 Resp: 44894
 Ion Ratio Lower Upper
 88 100
 58 87.9 68.9 103.3
 43 28.8 22.9 34.3



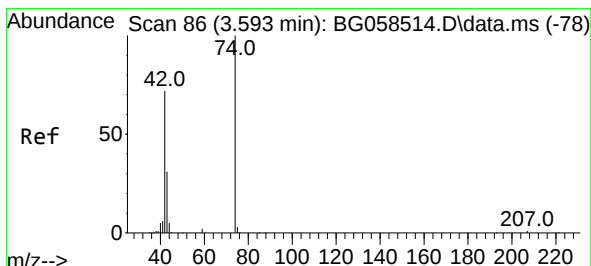
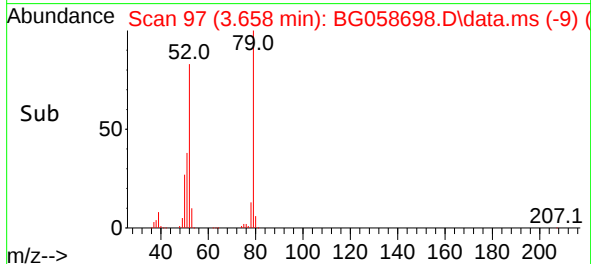
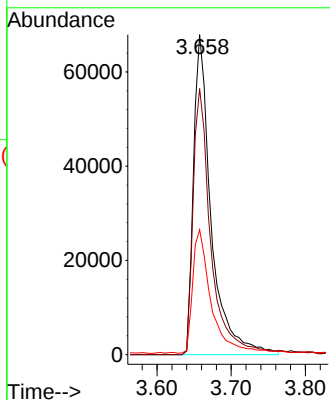
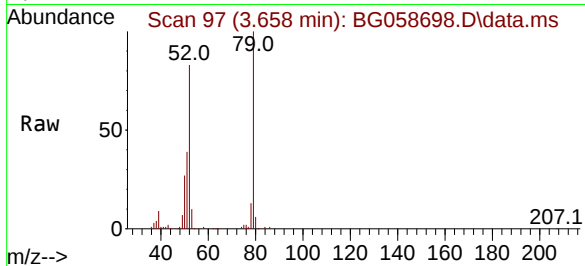


#3
 Pyridine
 Concen: 28.161 ng
 RT: 3.658 min Scan# 91
 Delta R.T. -0.011 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

Instrument :
 BNA_G
 ClientSampleId :
 PB154756BS

Tgt Ion: 79 Resp: 112427

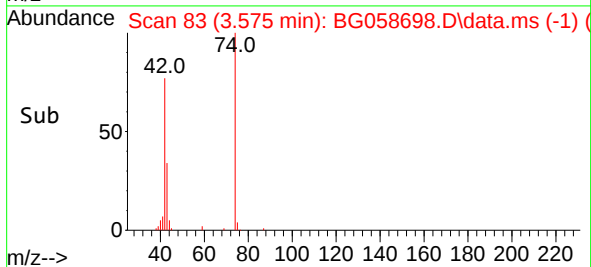
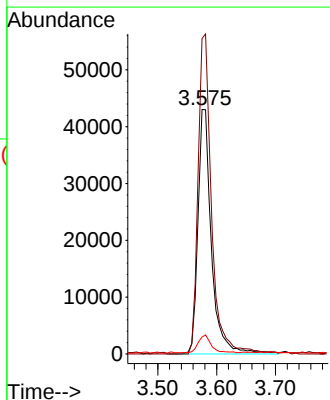
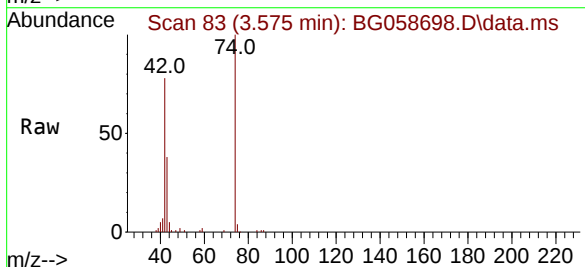
Ion	Ratio	Lower	Upper
79	100		
52	83.2	63.2	94.8
51	39.0	31.9	47.9

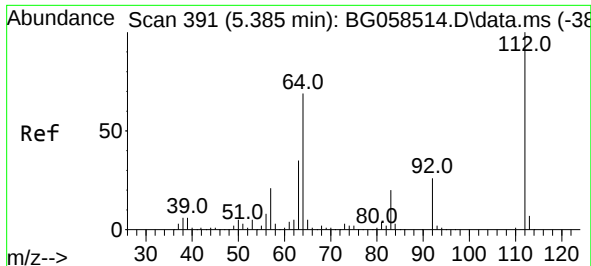


#4
 n-Nitrosodimethylamine
 Concen: 40.521 ng
 RT: 3.575 min Scan# 83
 Delta R.T. -0.017 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

Tgt Ion: 42 Resp: 68544

Ion	Ratio	Lower	Upper
42	100		
74	129.0	111.5	167.3
44	7.0	5.4	8.2

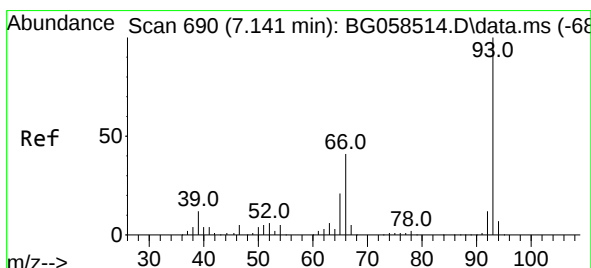
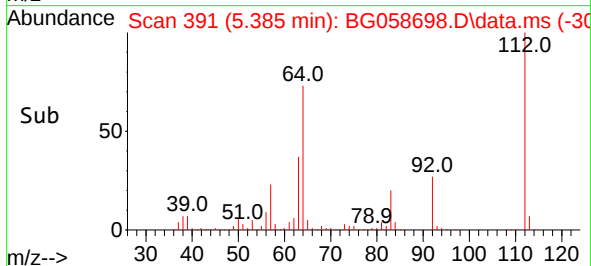
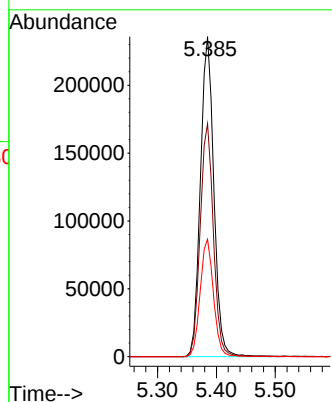
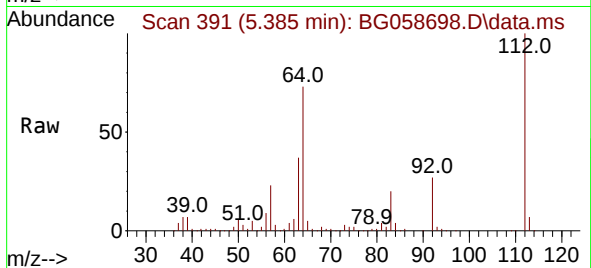




#5
2-Fluorophenol
Concen: 123.759 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058698.D
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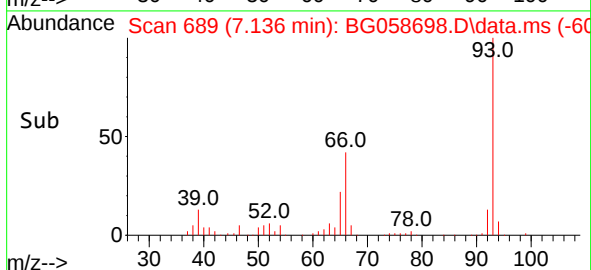
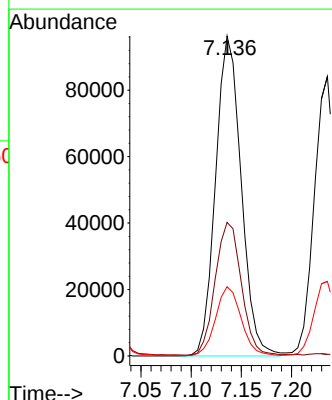
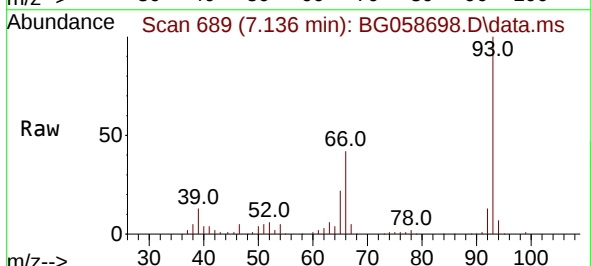
Instrument :
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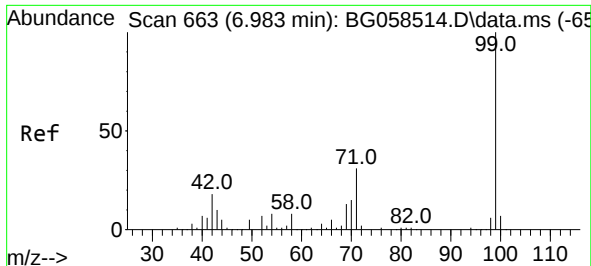
Tgt Ion:112 Resp: 373993
Ion Ratio Lower Upper
112 100
64 72.8 55.3 82.9
63 36.7 28.3 42.5



#6
Aniline
Concen: 32.899 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 93 Resp: 170324
Ion Ratio Lower Upper
93 100
66 41.8 33.1 49.7
65 21.6 17.0 25.4

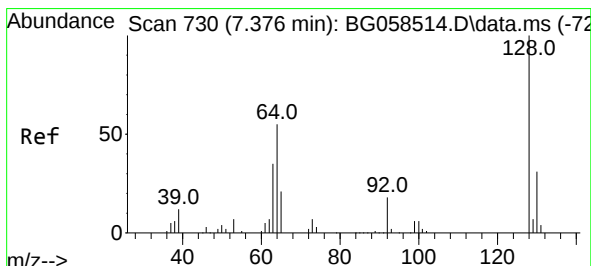
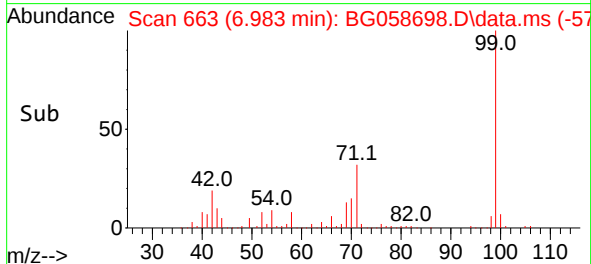
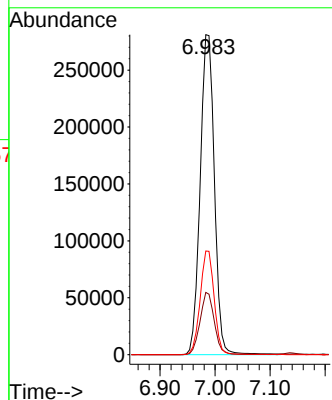
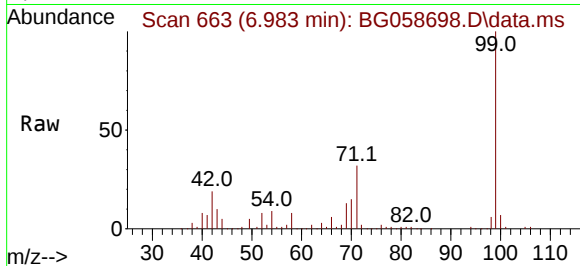




#7
Phenol-d6
Concen: 120.203 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058698.D
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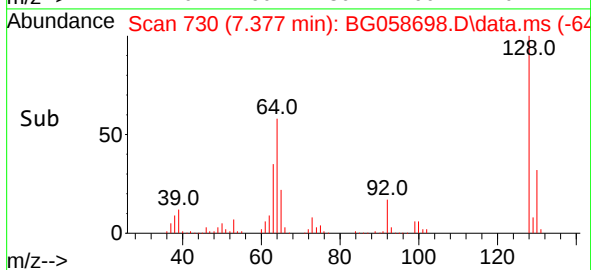
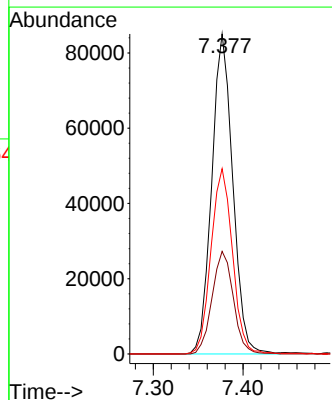
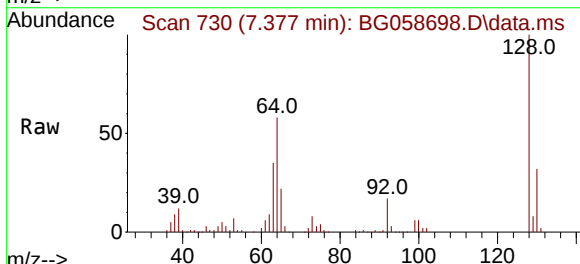
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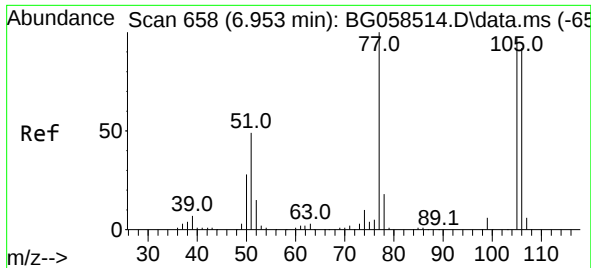
Tgt Ion: 99 Resp: 505449
Ion Ratio Lower Upper
99 100
42 19.5 14.6 21.8
71 32.4 25.0 37.4



#8
2-Chlorophenol
Concen: 46.683 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:128 Resp: 138395
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 57.9 39.0 79.0





#9

Benzaldehyde

Concen: 32.481 ng

RT: 6.948 min Scan# 658

Delta R.T. -0.005 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

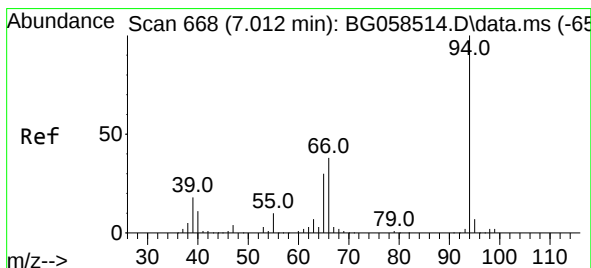
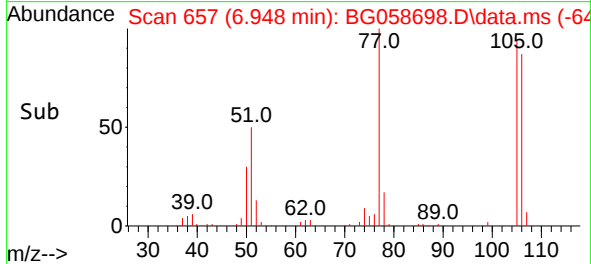
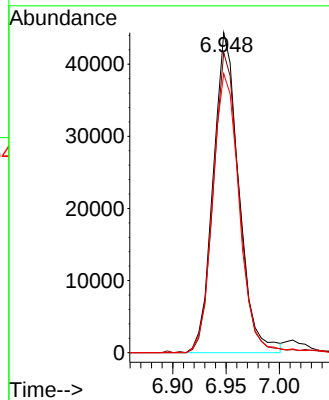
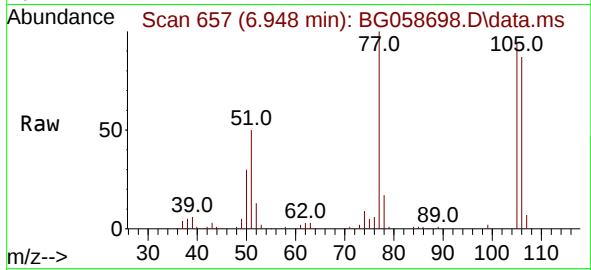
Tgt Ion: 77 Resp: 74204

Ion Ratio Lower Upper

77 100

105 93.8 77.1 117.1

106 87.2 71.6 111.6



#10

Phenol

Concen: 46.774 ng

RT: 7.012 min Scan# 668

Delta R.T. 0.000 min

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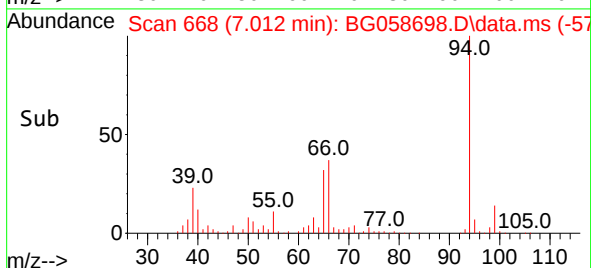
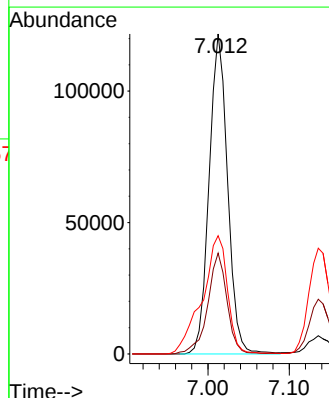
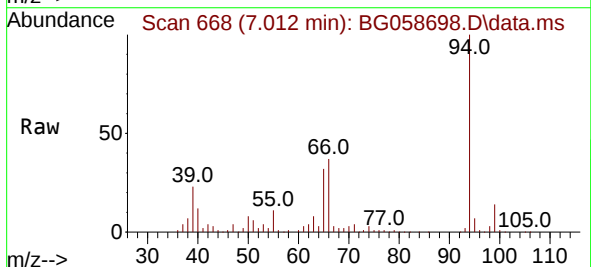
Tgt Ion: 94 Resp: 192130

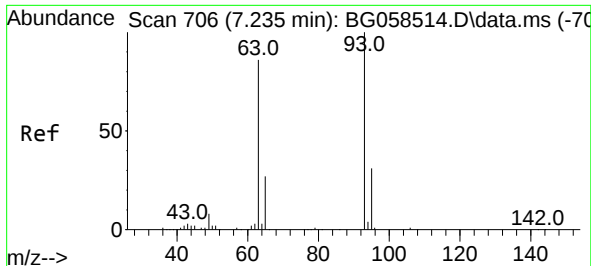
Ion Ratio Lower Upper

94 100

65 31.5 10.4 50.4

66 36.9 18.7 58.7

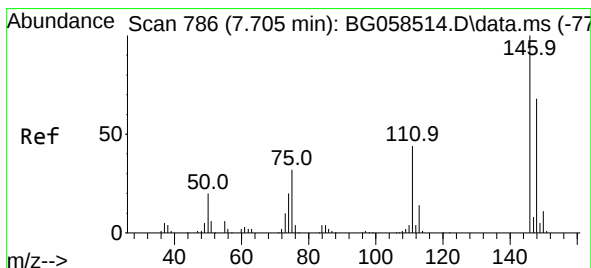
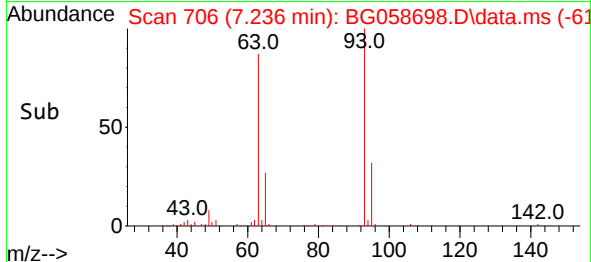
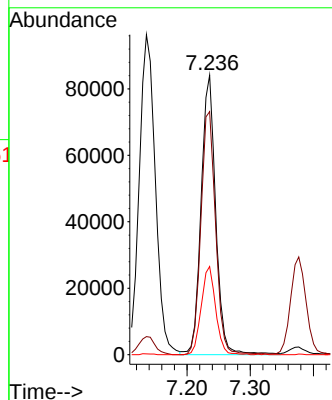
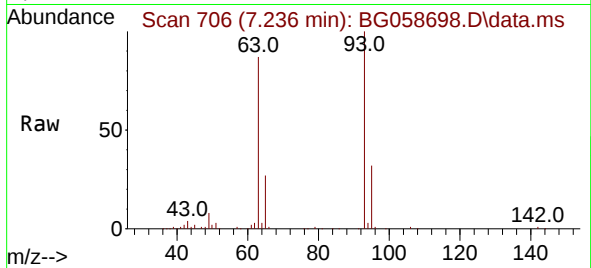




#11
bis(2-Chloroethyl)ether
Concen: 41.750 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

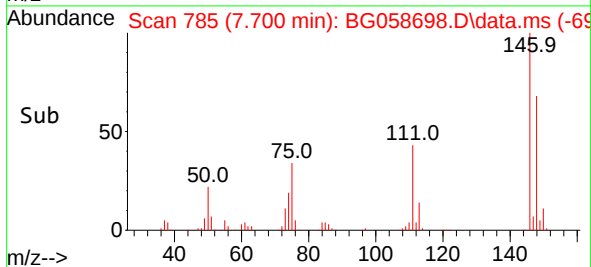
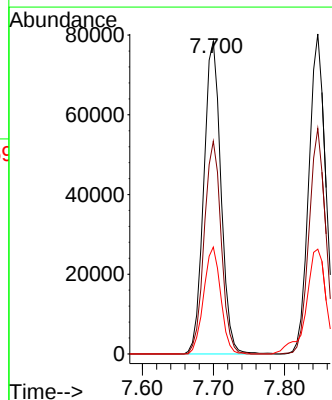
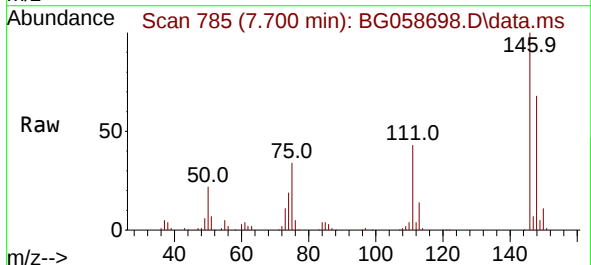
Instrument :
BNA_G
ClientSampleId :
PB154756BS

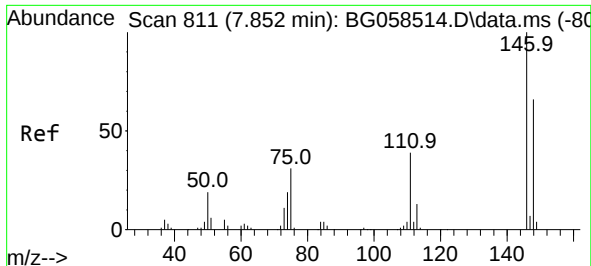
Tgt Ion: 93 Resp: 135199
Ion Ratio Lower Upper
93 100
63 87.0 65.5 105.5
95 31.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.737 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 146 Resp: 132125
Ion Ratio Lower Upper
146 100
148 68.1 54.7 82.1
75 34.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 41.697 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

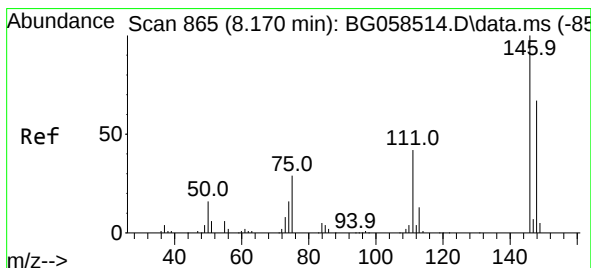
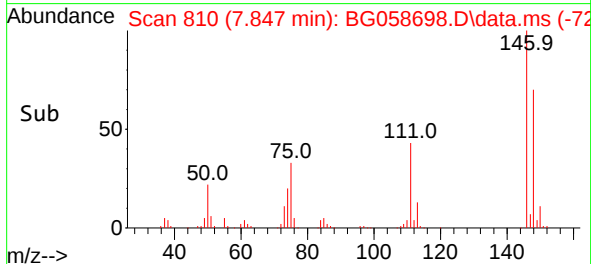
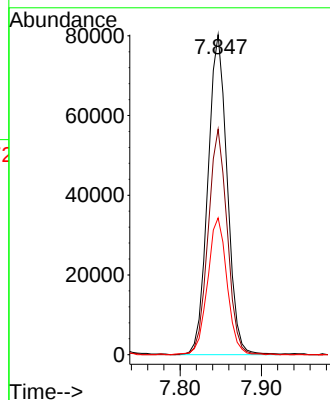
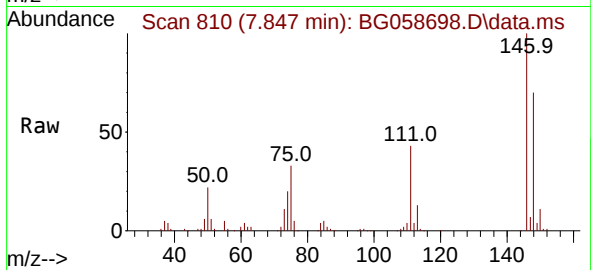
Tgt Ion:146 Resp: 132536

Ion Ratio Lower Upper

146 100

148 70.5 52.8 79.2

111 42.7 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 43.130 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

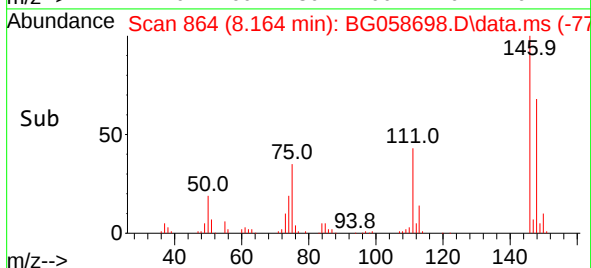
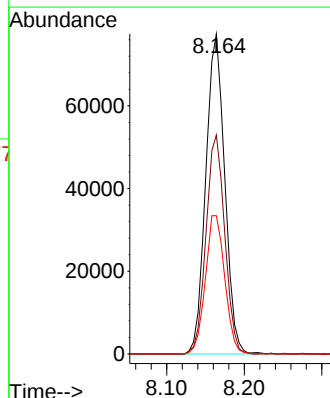
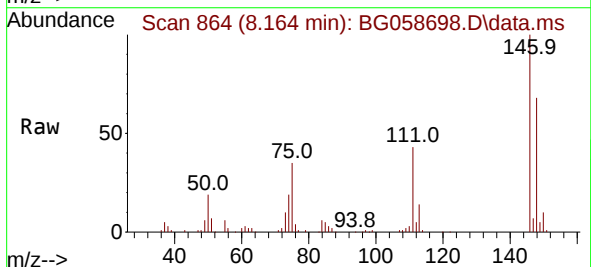
Tgt Ion:146 Resp: 131072

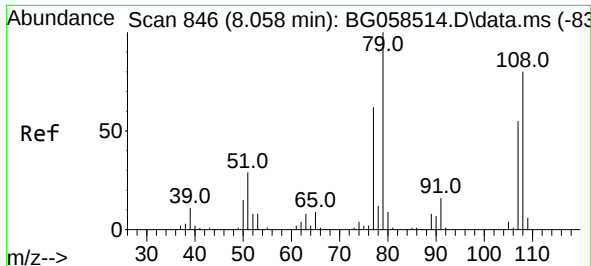
Ion Ratio Lower Upper

146 100

148 68.5 53.4 80.2

111 43.2 34.2 51.2





#15
Benzyl Alcohol
Concen: 50.808 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

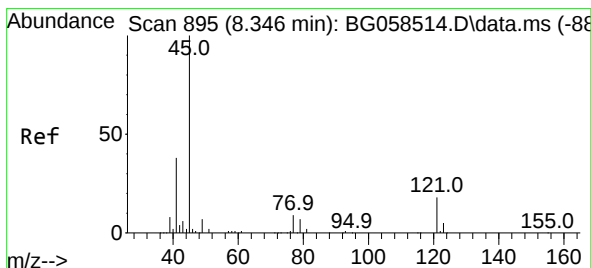
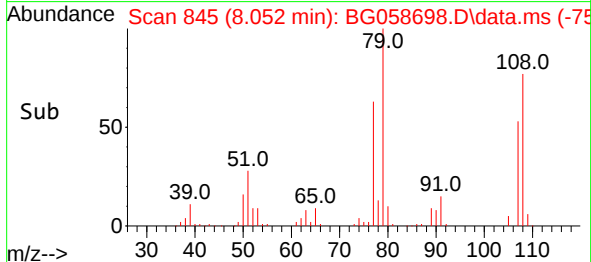
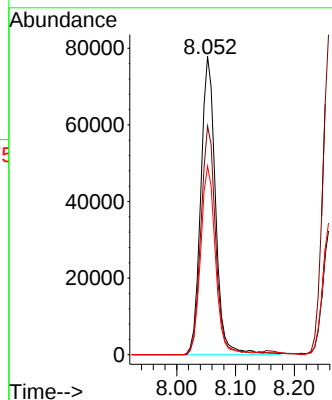
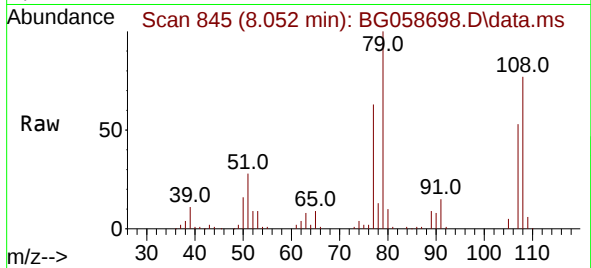
Instrument :

BNA_G

ClientSampleId :

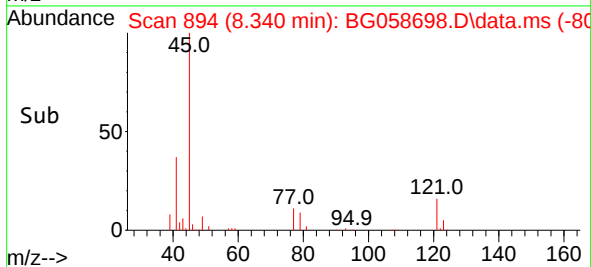
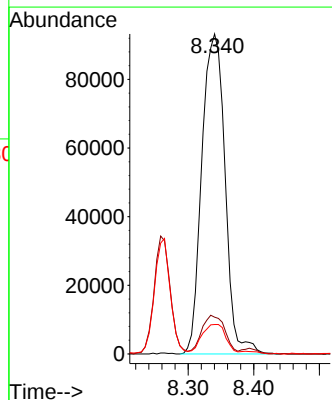
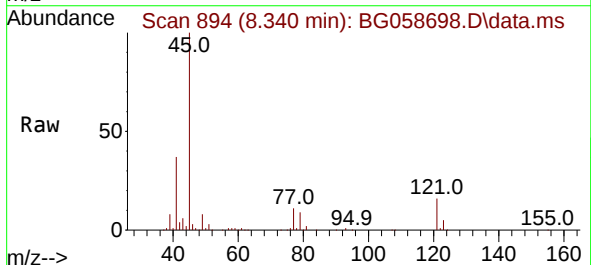
PB154756BS

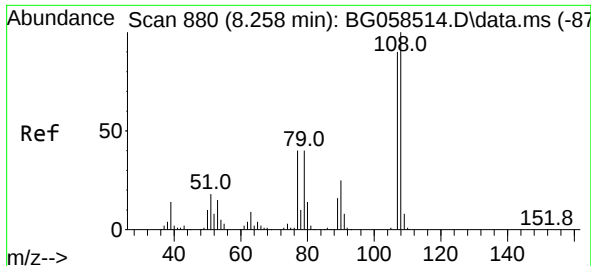
Tgt Ion: 79 Resp: 135490
Ion Ratio Lower Upper
79 100
108 76.6 63.8 95.6
77 63.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.619 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 45 Resp: 229448
Ion Ratio Lower Upper
45 100
77 11.5 0.0 32.6
79 9.2 0.0 30.2

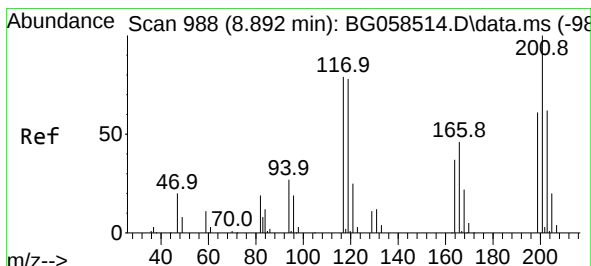
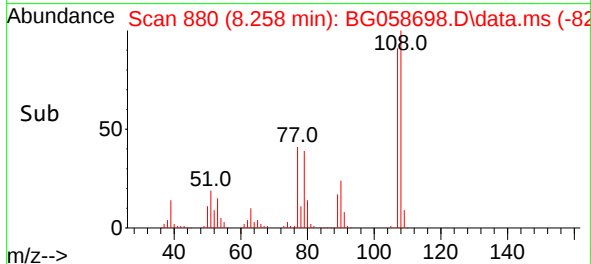
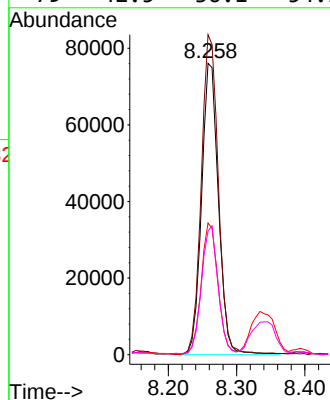
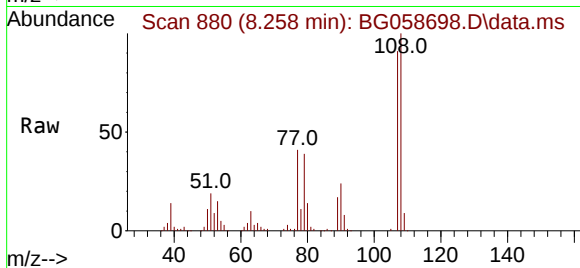




#17
2-Methylphenol
Concen: 43.633 ng
RT: 8.258 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

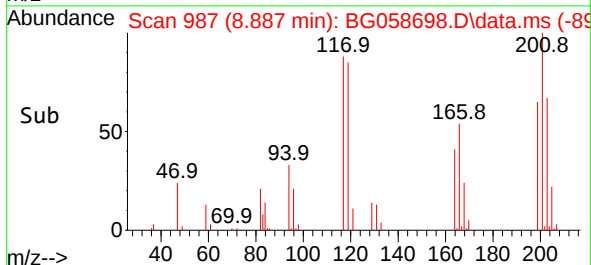
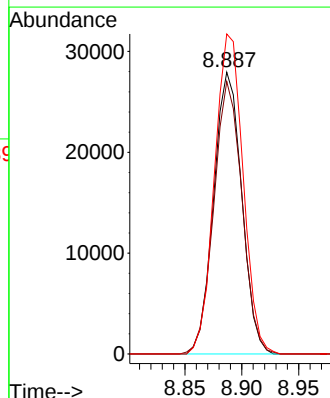
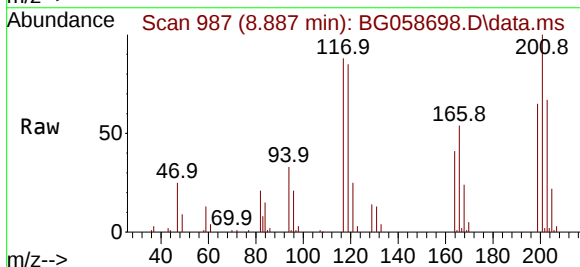
Instrument :
BNA_G
ClientSampleId :
PB154756BS

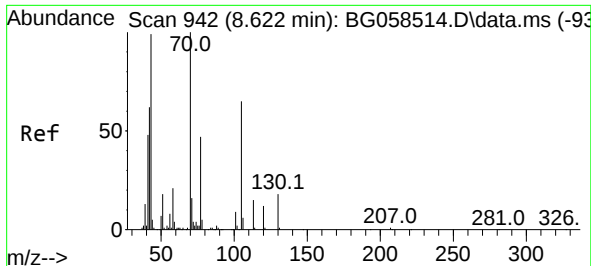
Tgt Ion:	107	Resp:	131046
Ion	Ratio	Lower	Upper
107	100		
108	109.8	89.1	133.7
77	45.2	36.2	54.4
79	42.5	36.1	54.1



#18
Hexachloroethane
Concen: 41.569 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:	117	Resp:	48026
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.6	117.8
201	113.6	101.4	152.0

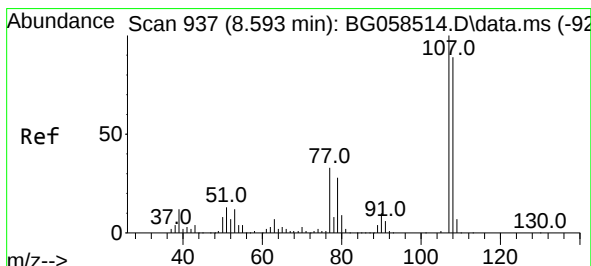
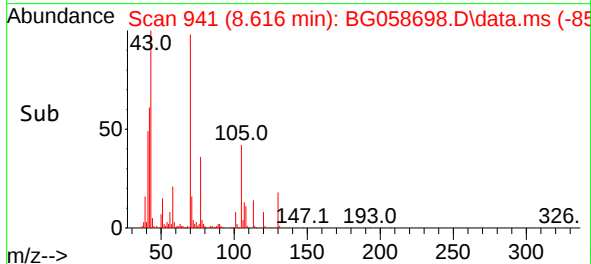
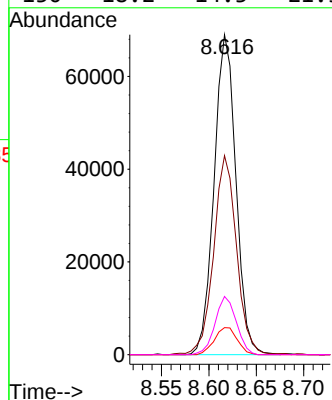
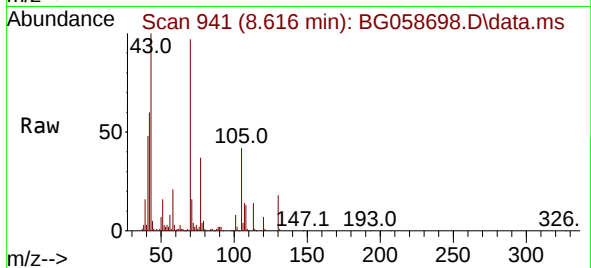




#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

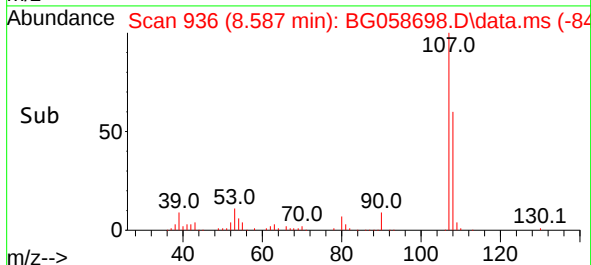
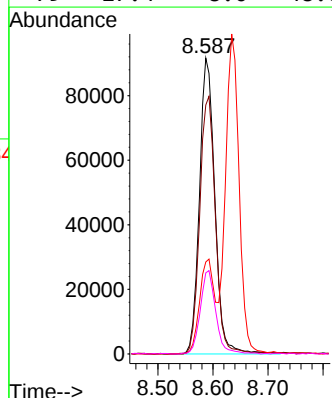
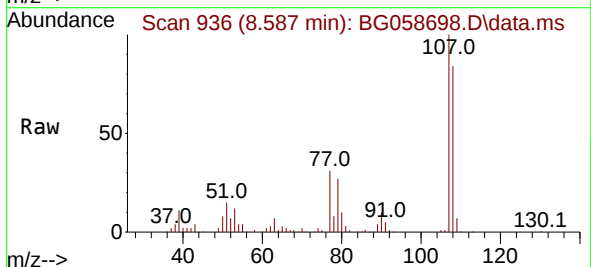
Instrument :
BNA_G
ClientSampleId :
PB154756BS

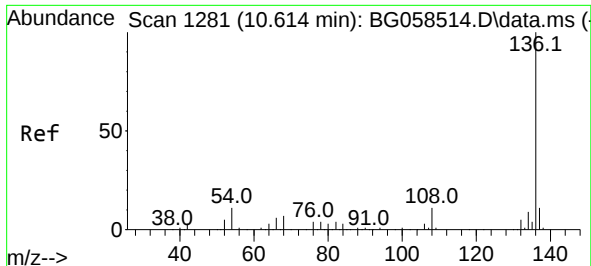
Tgt Ion: 70 Resp: 110785
Ion Ratio Lower Upper
70 100
42 62.2 49.7 74.5
101 8.5 7.0 10.4
130 18.2 14.3 21.5



#20
3+4-Methylphenols
Concen: 43.911 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

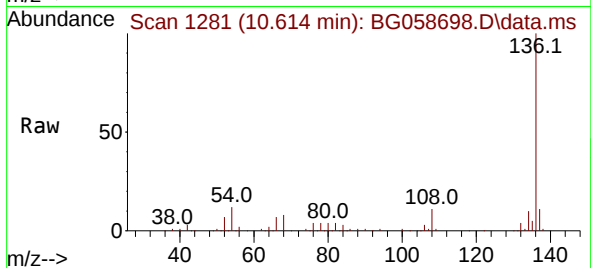
Tgt Ion: 107 Resp: 178390
Ion Ratio Lower Upper
107 100
108 84.2 69.4 109.4
77 31.1 13.0 53.0
79 27.4 8.0 48.0





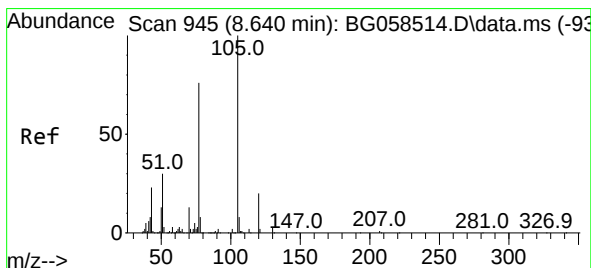
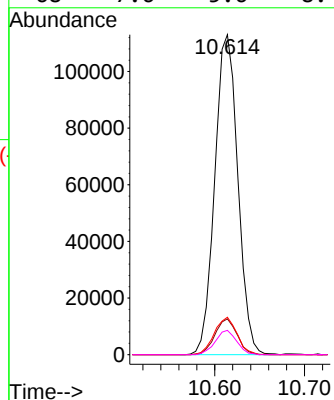
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :
BNA_G
ClientSampleId :
PB154756BS



Tgt Ion:136 Resp: 201564

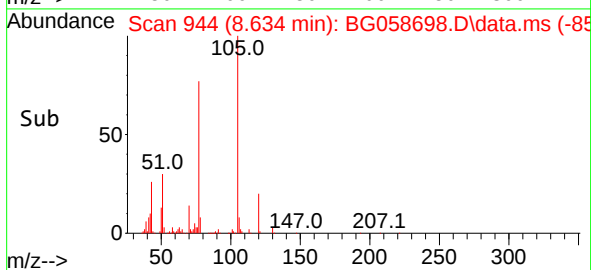
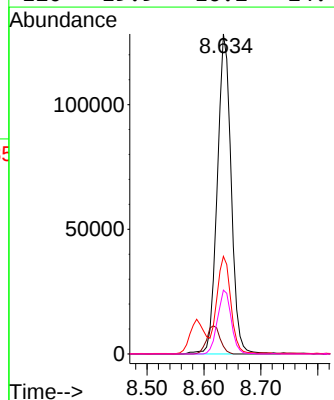
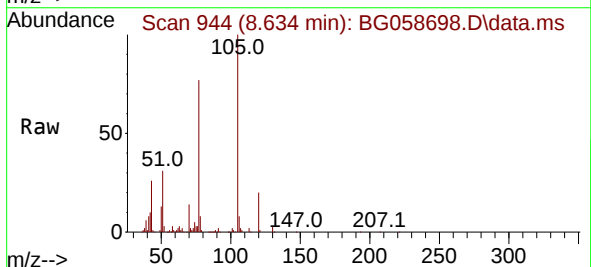
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	11.7	8.9	13.3
68	7.6	5.6	8.4

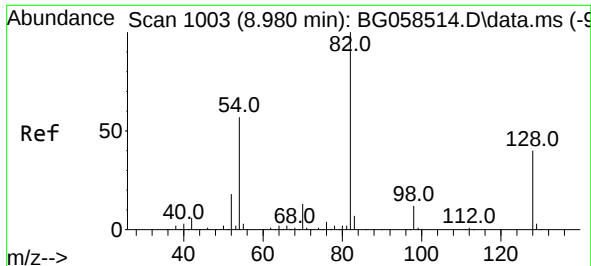


#22
Acetophenone
Concen: 40.298 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:105 Resp: 217492

Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.8	2.6
51	30.5	24.2	36.2
120	19.9	16.2	24.4





#23
Nitrobenzene-d5
Concen: 73.515 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

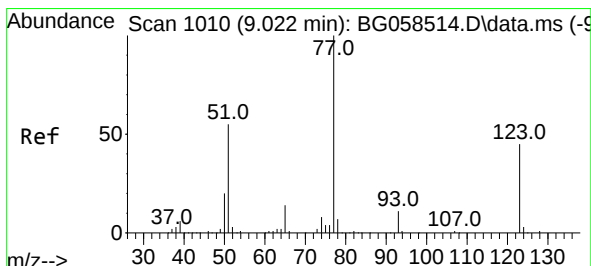
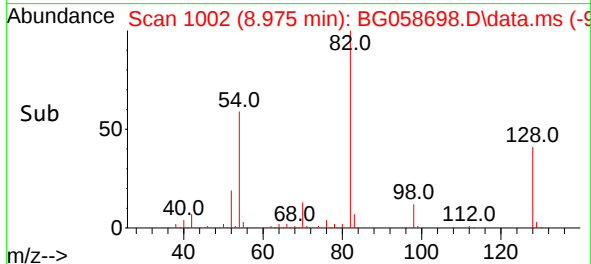
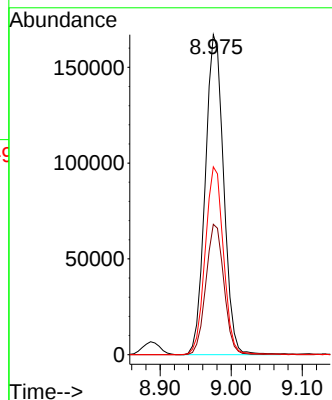
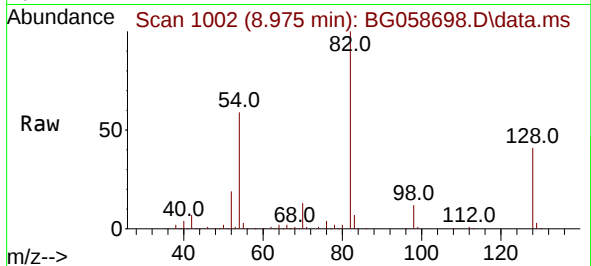
Instrument :

BNA_G

ClientSampleId :

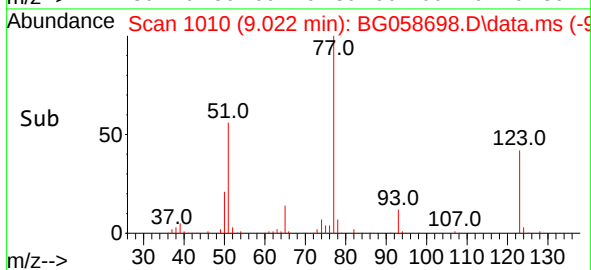
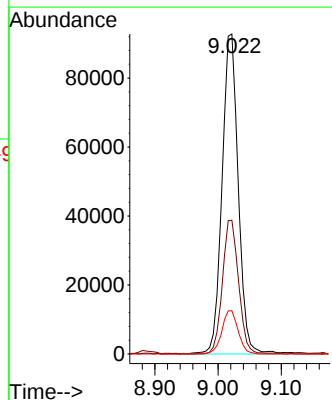
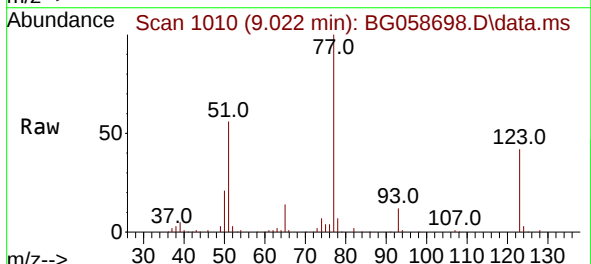
PB154756BS

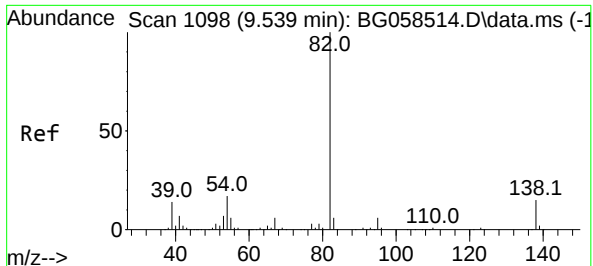
Tgt Ion: 82 Resp: 301638
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 58.7 46.0 69.0



#24
Nitrobenzene
Concen: 39.632 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 77 Resp: 165315
Ion Ratio Lower Upper
77 100
123 41.8 35.6 53.4
65 13.5 11.4 17.0

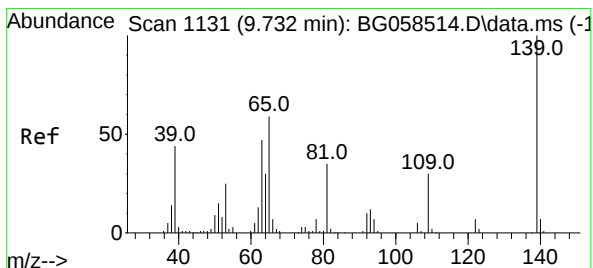
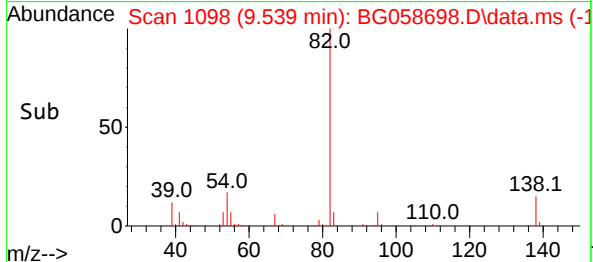
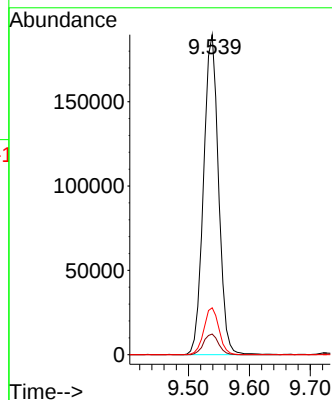
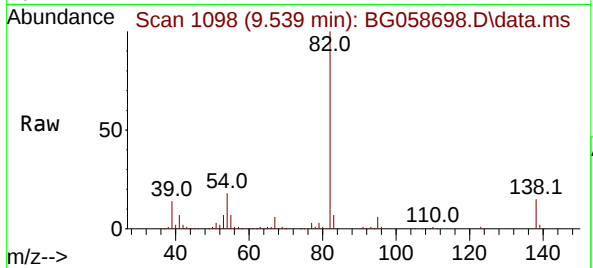




#25
Isophorone
Concen: 38.280 ng
RT: 9.539 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

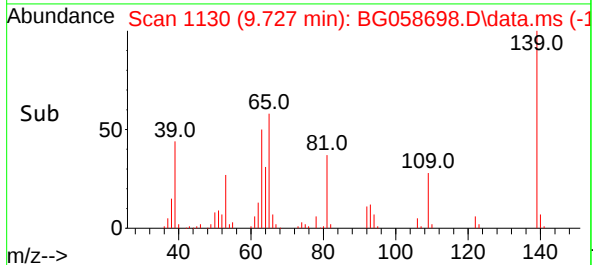
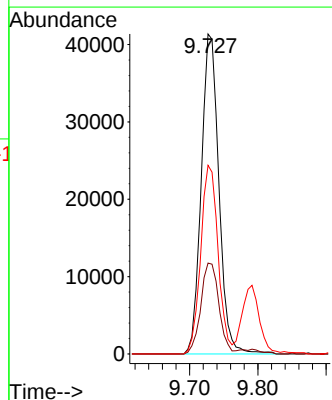
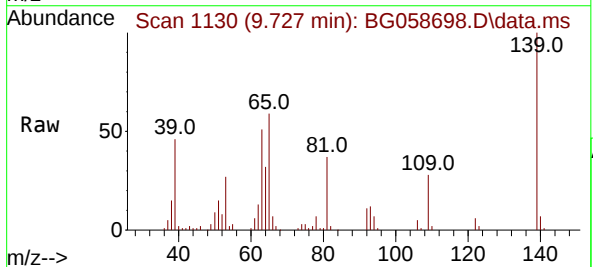
Instrument :
BNA_G
ClientSampleId :
PB154756BS

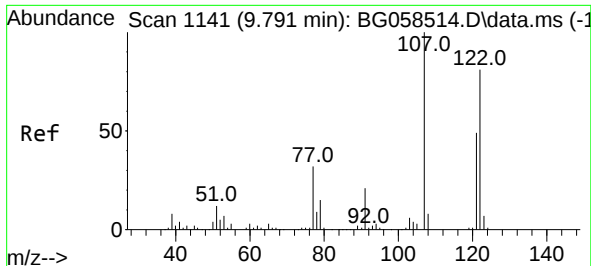
Tgt Ion: 82 Resp: 324523
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.7 11.9 17.9



#26
2-Nitrophenol
Concen: 40.964 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 139 Resp: 74381
Ion Ratio Lower Upper
139 100
109 28.4 24.2 36.2
65 58.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.138 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

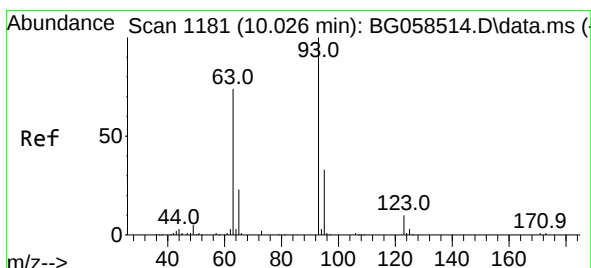
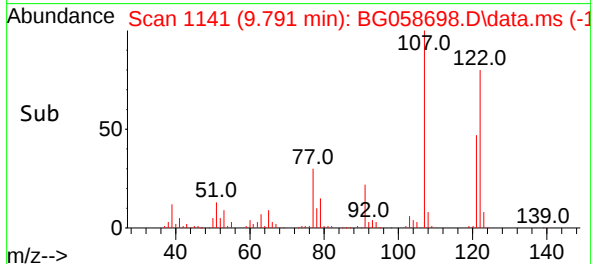
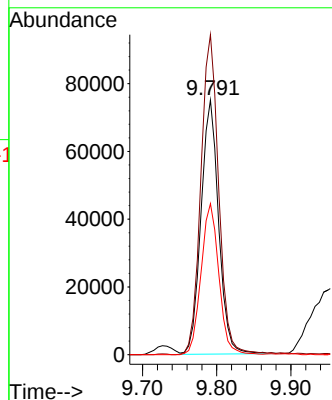
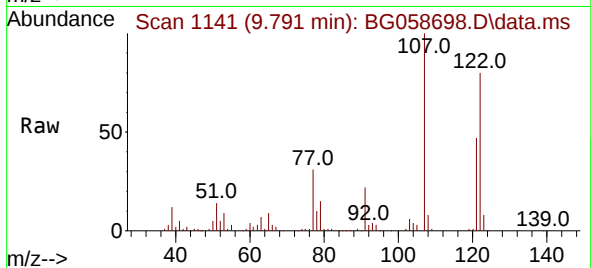
Tgt Ion:122 Resp: 123901

Ion Ratio Lower Upper

122 100

107 125.6 98.0 147.0

121 59.3 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.220 ng

RT: 10.021 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

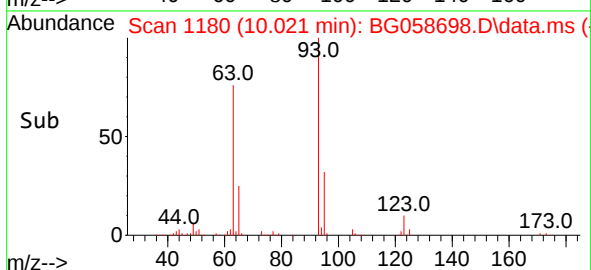
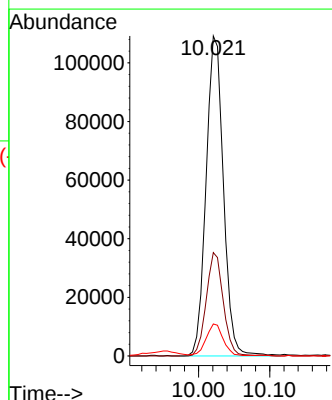
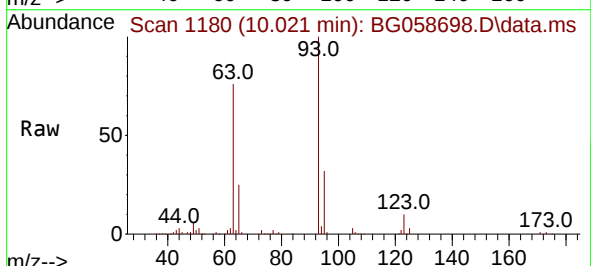
Tgt Ion: 93 Resp: 185557

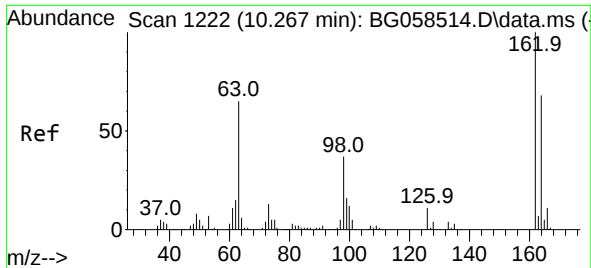
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 43.302 ng

RT: 10.267 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

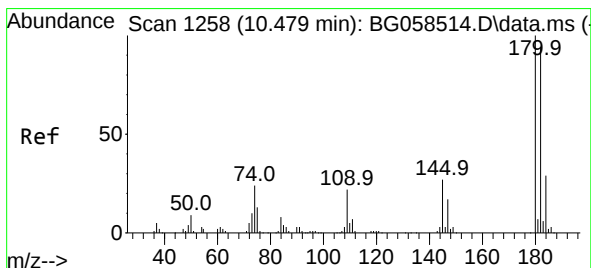
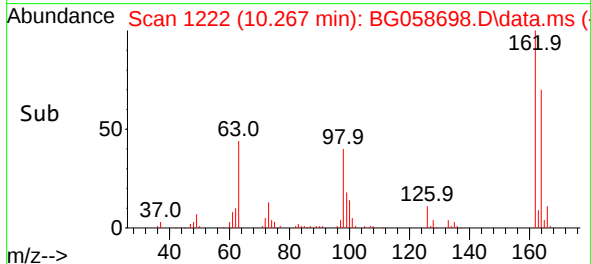
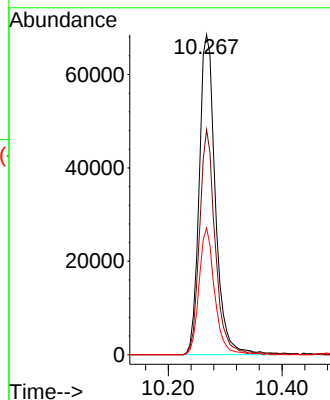
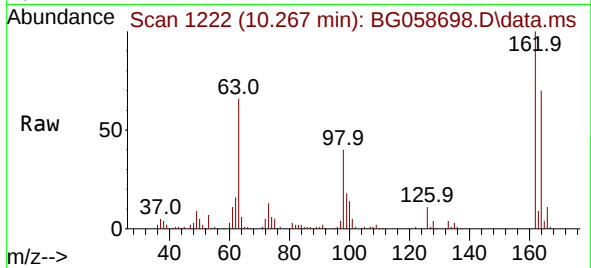
Tgt Ion:162 Resp: 135414

Ion Ratio Lower Upper

162 100

164 70.3 47.6 87.6

98 39.6 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 40.103 ng

RT: 10.479 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

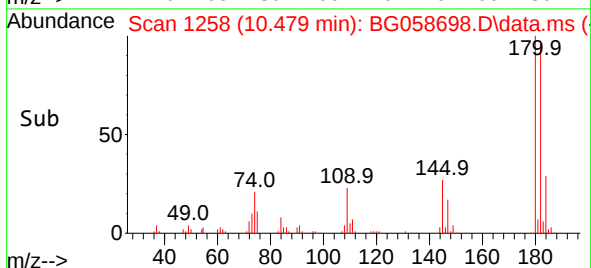
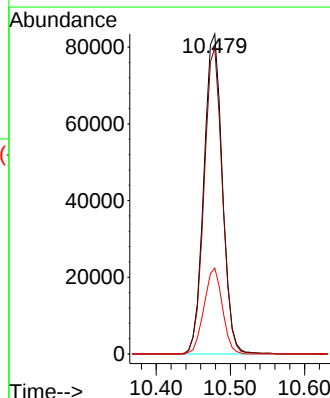
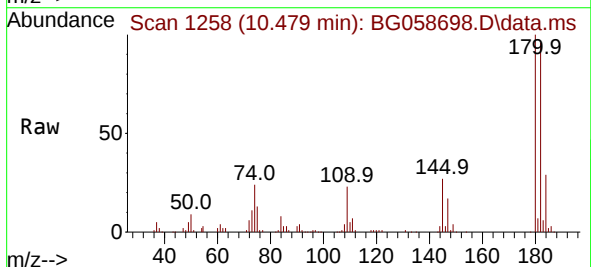
Tgt Ion:180 Resp: 144629

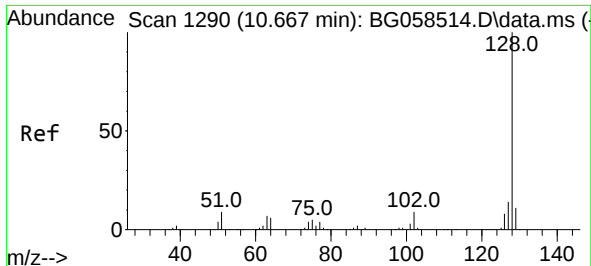
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.4

145 26.9 21.9 32.9

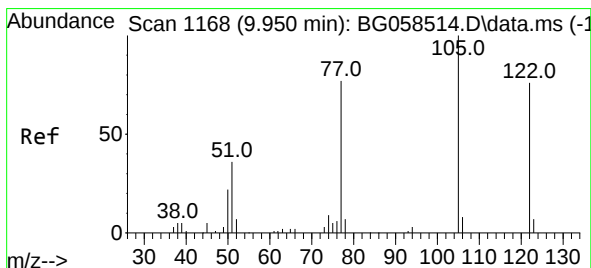
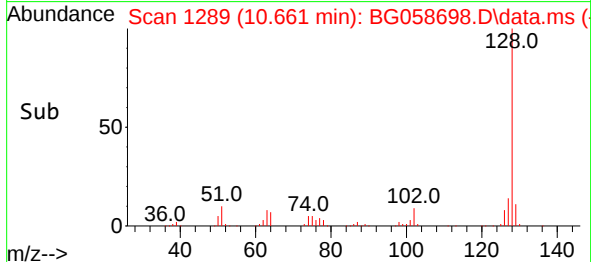
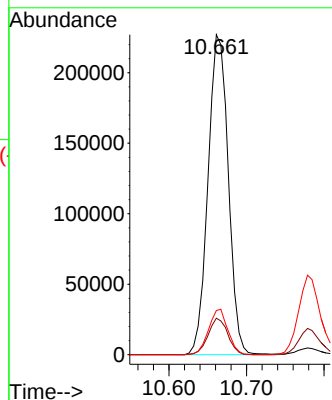
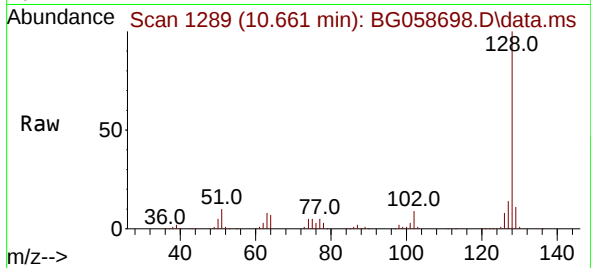




#31
Naphthalene
Concen: 38.911 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

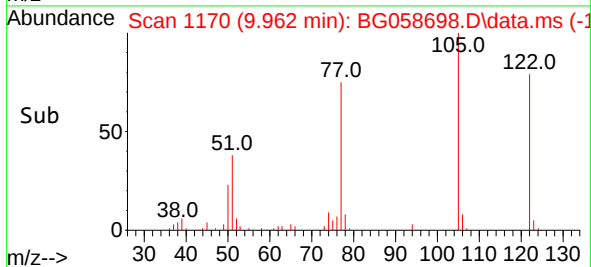
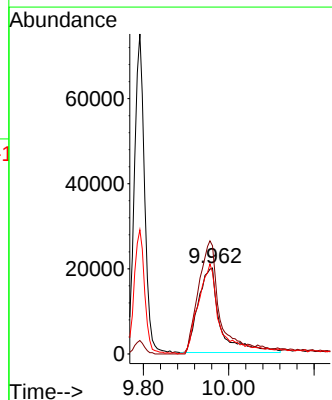
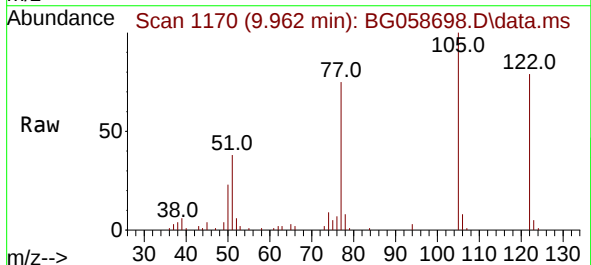
Instrument :
BNA_G
ClientSampleId :
PB154756BS

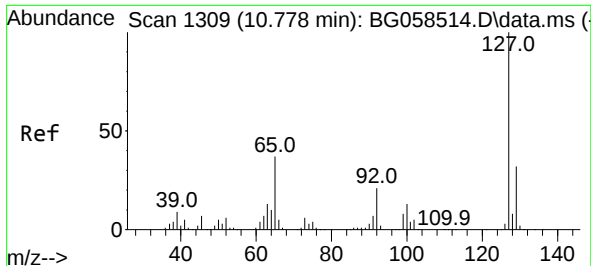
Tgt Ion:128 Resp: 413376
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 32.750 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:122 Resp: 71619
Ion Ratio Lower Upper
122 100
105 126.0 106.5 146.5
77 95.0 78.1 118.1

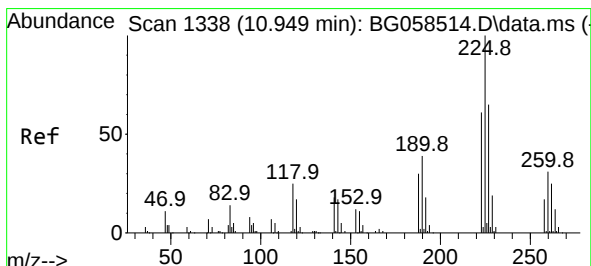
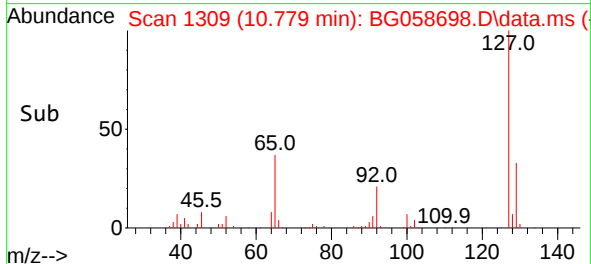
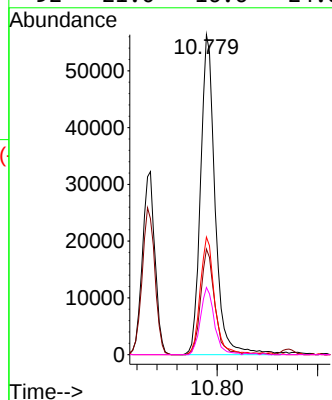
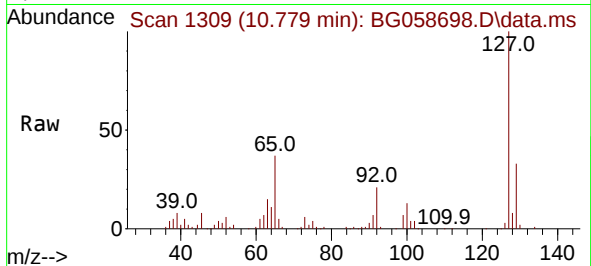




#33
4-Chloroaniline
Concen: 25.305 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

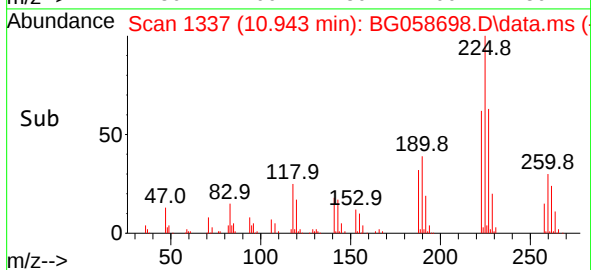
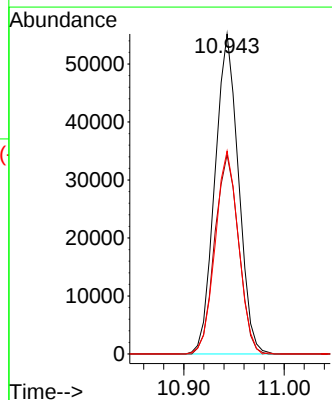
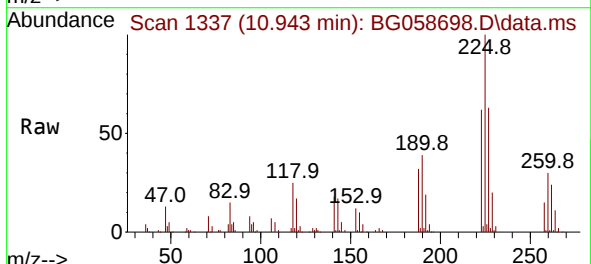
Instrument :
BNA_G
ClientSampleId :
PB154756BS

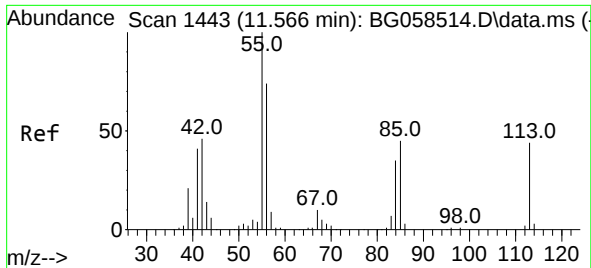
Tgt Ion:	127	Resp:	113580
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.2
65	36.8	29.5	44.3
92	21.0	16.6	24.8



#34
Hexachlorobutadiene
Concen: 38.673 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:	225	Resp:	89819
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.0	73.6
227	63.4	51.7	77.5

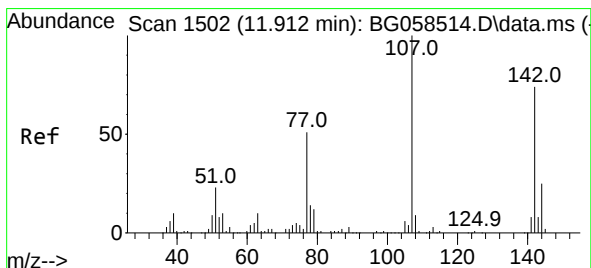
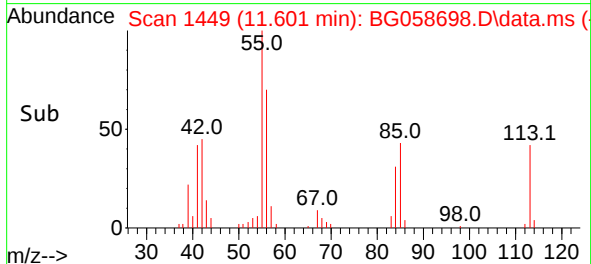
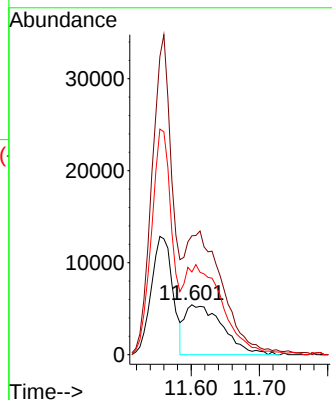
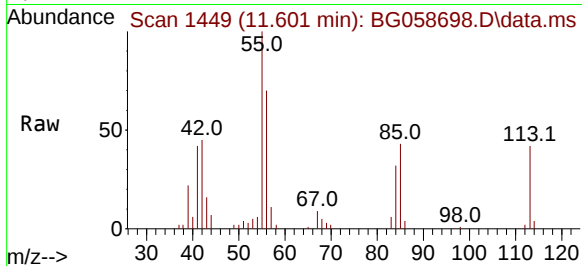




#35
Caprolactam
Concen: 18.039 ng
RT: 11.601 min Scan# 1443
Delta R.T. 0.036 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

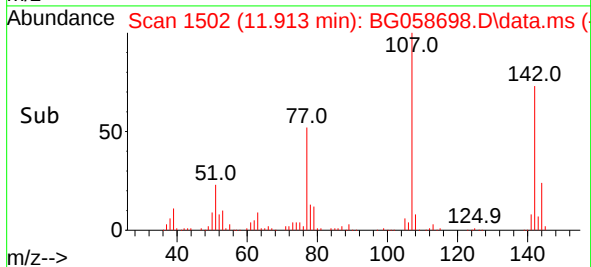
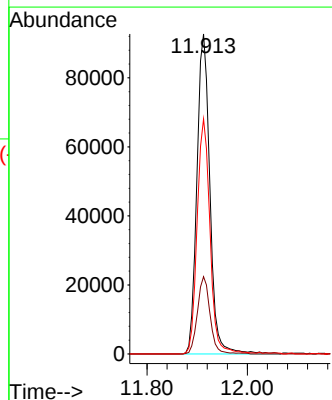
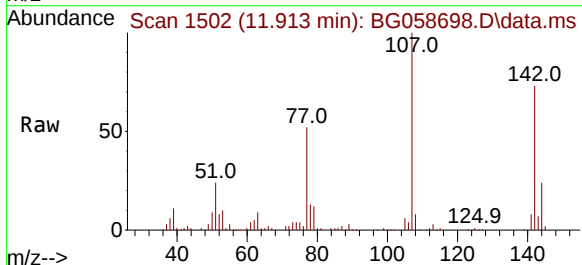
Instrument :
BNA_G
ClientSampleId :
PB154756BS

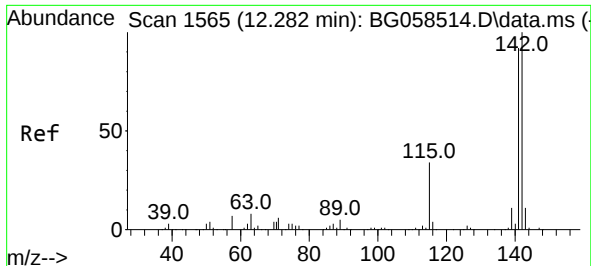
Tgt Ion:113 Resp: 20831
Ion Ratio Lower Upper
113 100
55 237.8 208.0 248.0
56 165.5 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 42.995 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:107 Resp: 166322
Ion Ratio Lower Upper
107 100
144 24.1 19.6 29.4
142 73.5 59.3 88.9

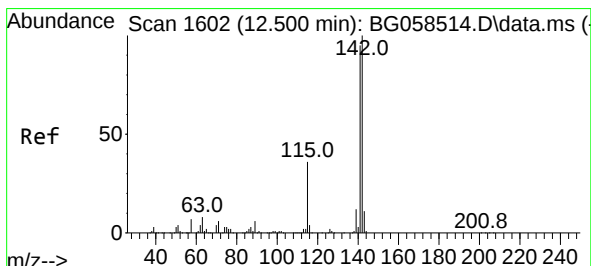
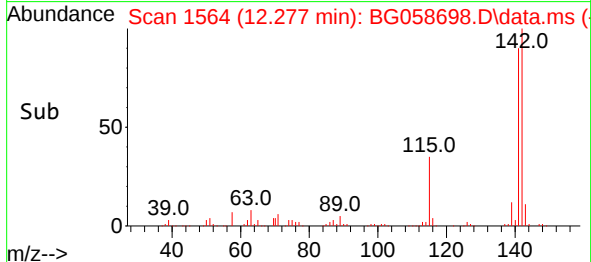
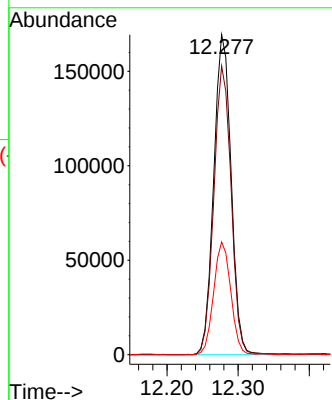
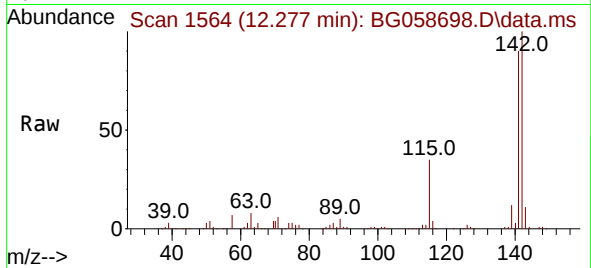




#37
2-Methylnaphthalene
Concen: 37.771 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

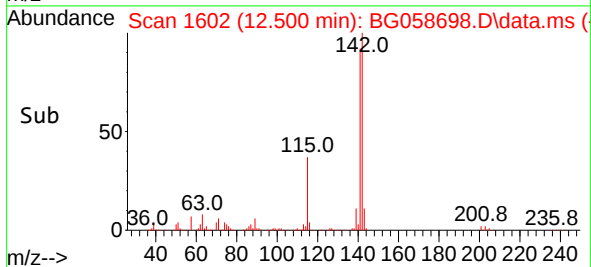
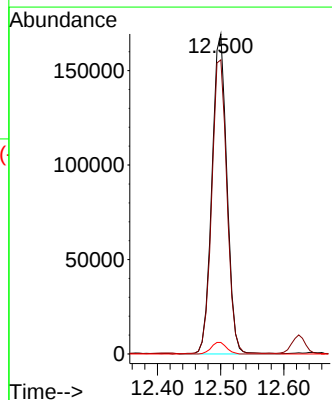
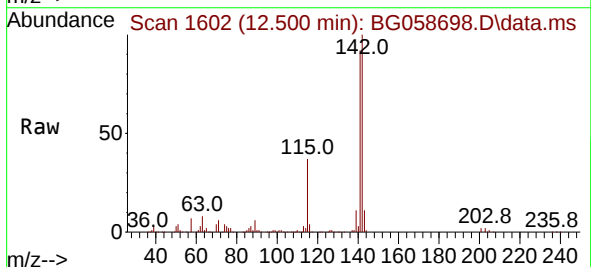
Instrument :
BNA_G
ClientSampleId :
PB154756BS

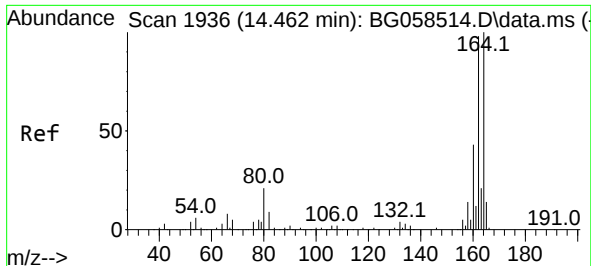
Tgt Ion:142 Resp: 287030
Ion Ratio Lower Upper
142 100
141 90.2 73.5 110.3
115 35.3 27.4 41.0



#38
1-Methylnaphthalene
Concen: 38.498 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:142 Resp: 278094
Ion Ratio Lower Upper
142 100
141 91.9 75.7 113.5
116 3.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

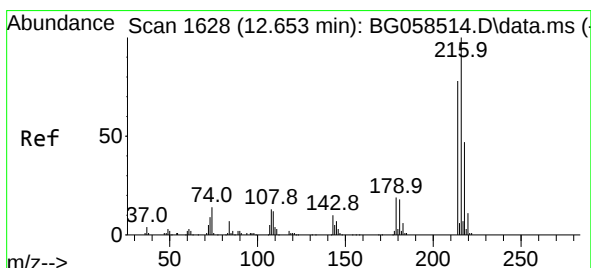
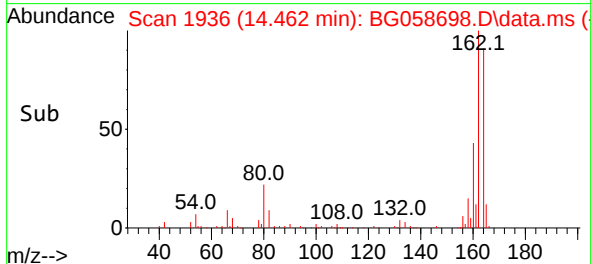
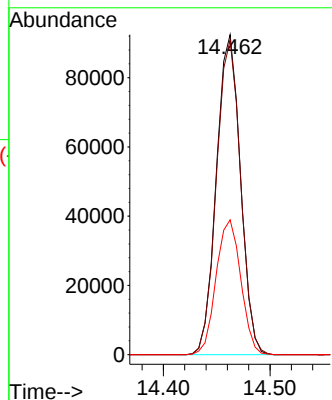
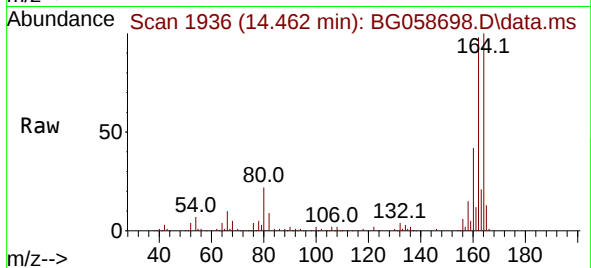
Tgt Ion:164 Resp: 144462

Ion Ratio Lower Upper

164 100

162 98.3 78.3 117.5

160 42.1 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.356 ng

RT: 12.653 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:216 Resp: 170113

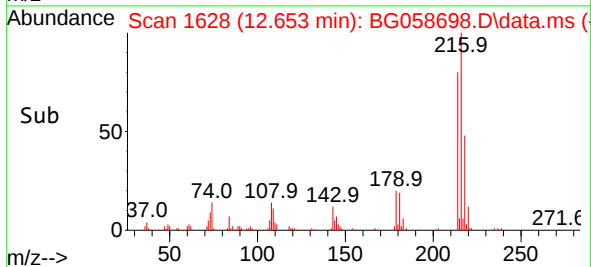
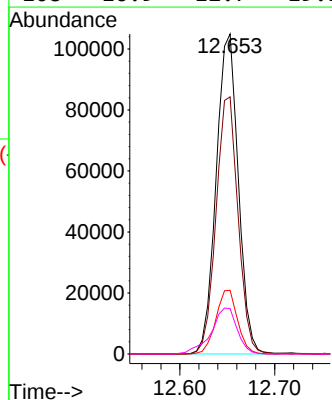
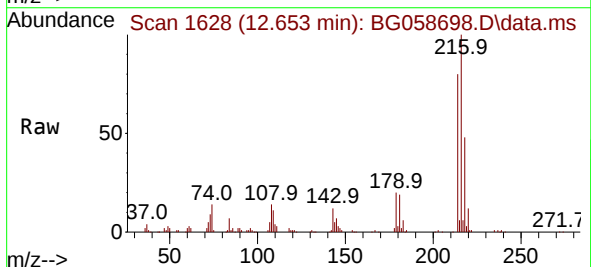
Ion Ratio Lower Upper

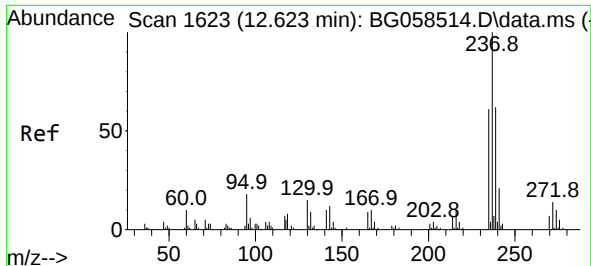
216 100

214 79.9 63.1 94.7

179 19.5 15.6 23.4

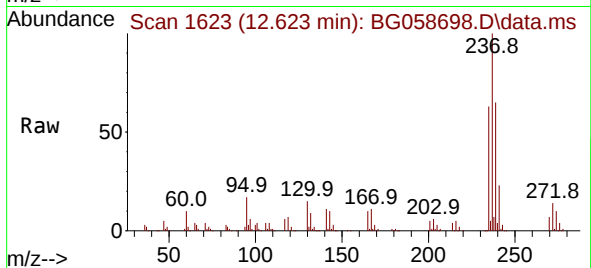
108 16.9 12.7 19.1



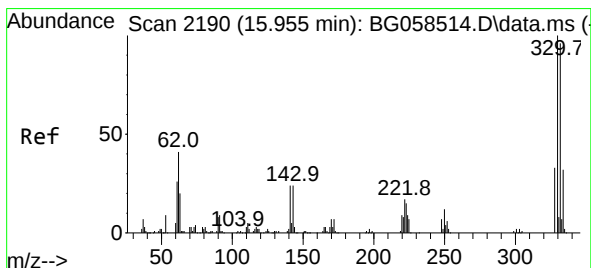
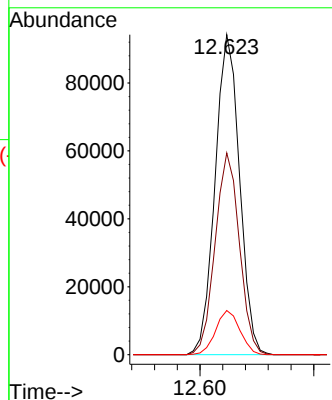
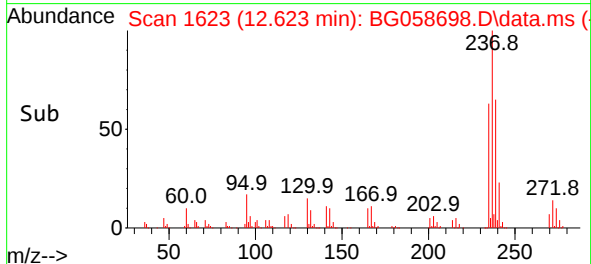


#41
Hexachlorocyclopentadiene
Concen: 69.216 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

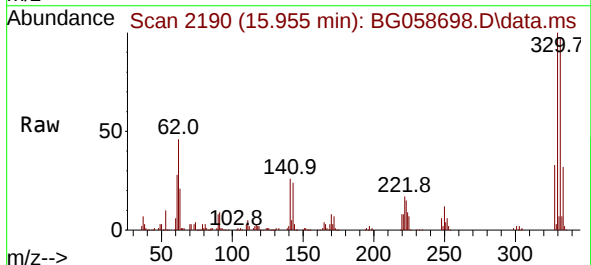
Instrument :
BNA_G
ClientSampleId :
PB154756BS



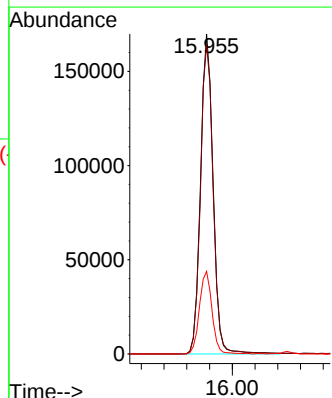
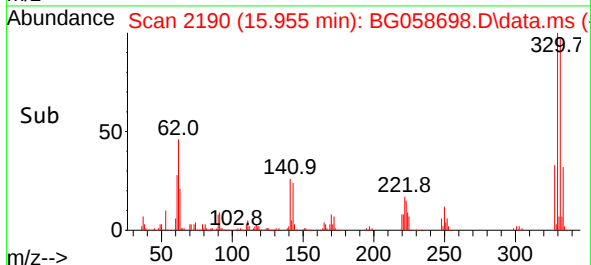
Tgt Ion:237 Resp: 140516
Ion Ratio Lower Upper
237 100
235 63.1 41.0 81.0
272 13.8 0.0 33.6

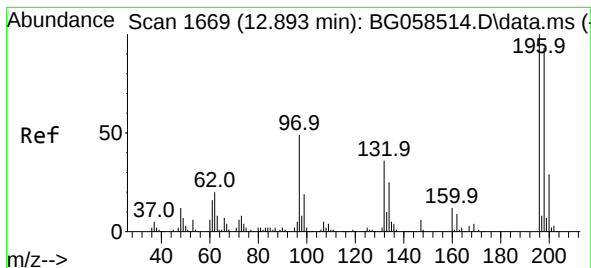


#42
2,4,6-Tribromophenol
Concen: 110.193 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:330 Resp: 260920
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 25.9 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 40.093 ng

RT: 12.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

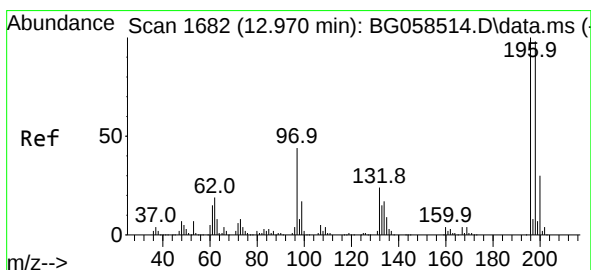
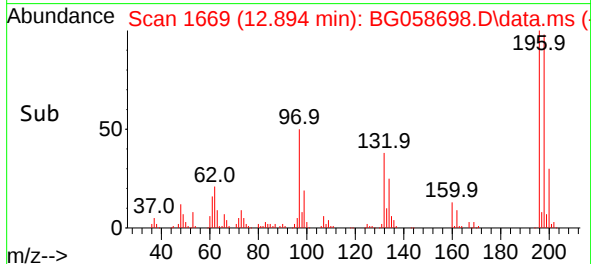
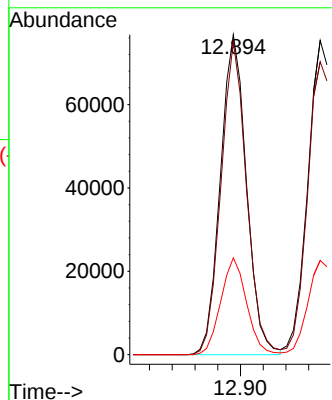
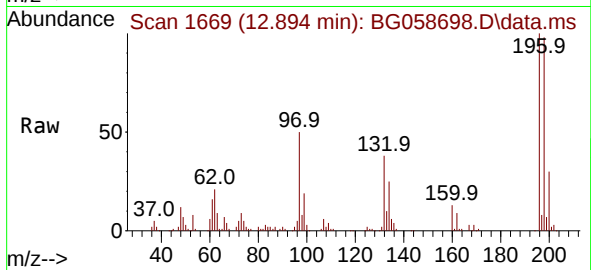
Tgt Ion:196 Resp: 122304

Ion Ratio Lower Upper

196 100

198 97.8 74.2 111.4

200 30.3 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 38.141 ng

RT: 12.970 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:196 Resp: 137043

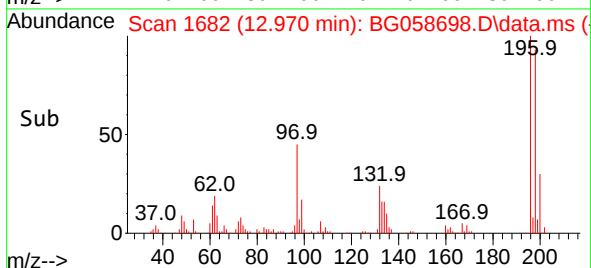
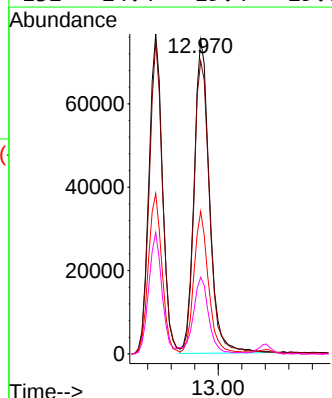
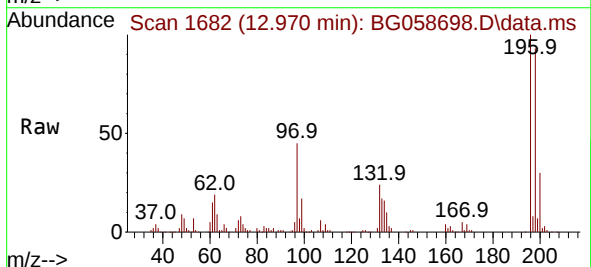
Ion Ratio Lower Upper

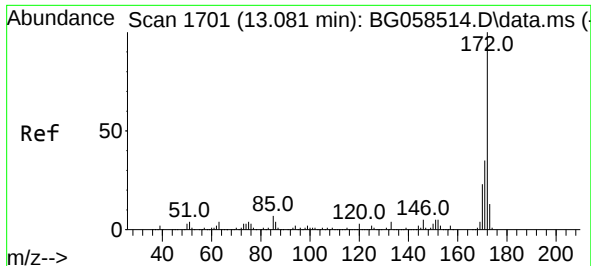
196 100

198 93.2 78.3 117.5

97 45.3 35.2 52.8

132 24.4 19.4 29.0

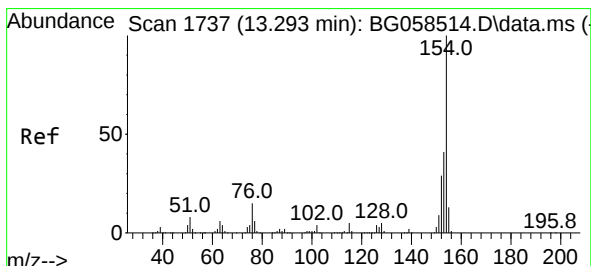
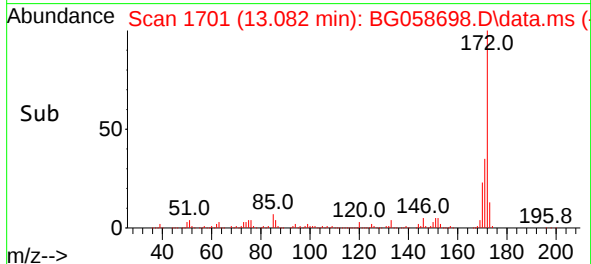
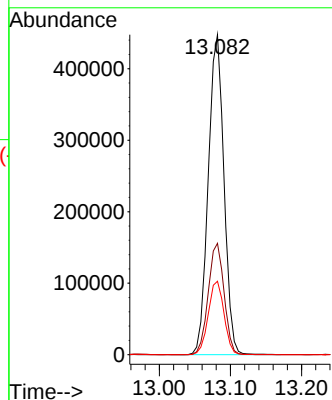
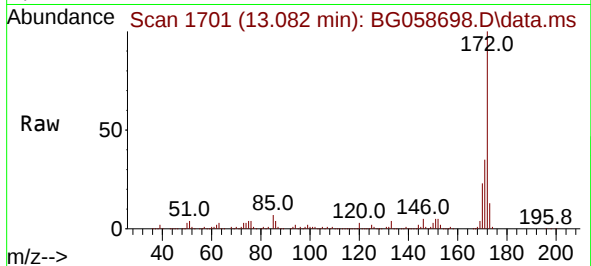




#45
2-Fluorobiphenyl
Concen: 71.303 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

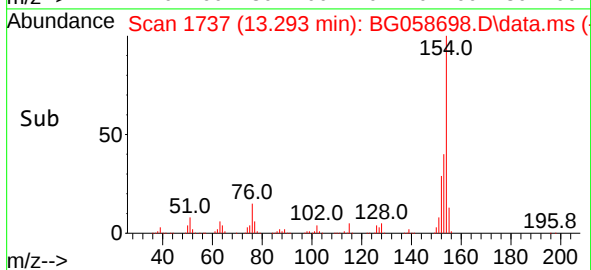
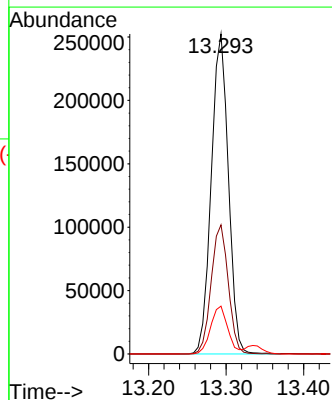
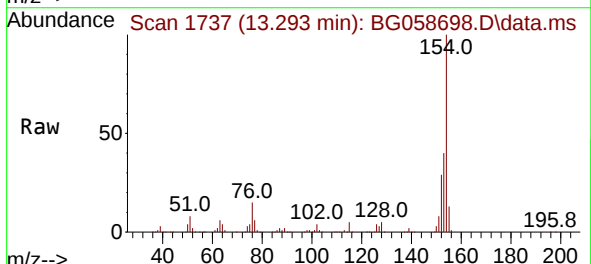
Instrument :
BNA_G
ClientSampleId :
PB154756BS

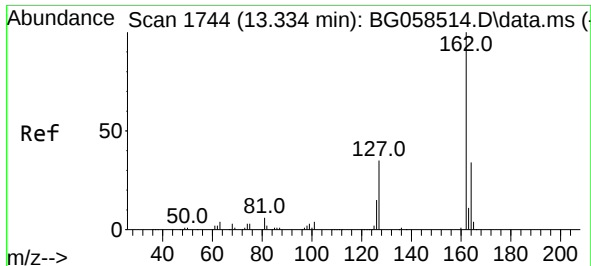
Tgt Ion:172 Resp: 687347
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.9 18.4 27.6



#46
1,1'-Biphenyl
Concen: 39.009 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:154 Resp: 387010
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 15.0 0.0 34.7

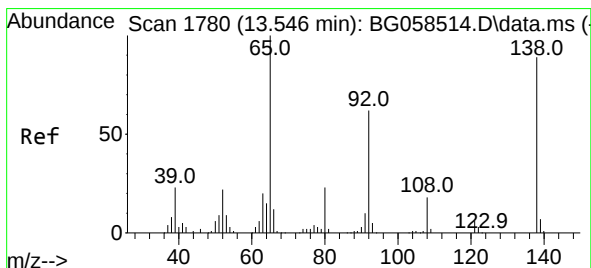
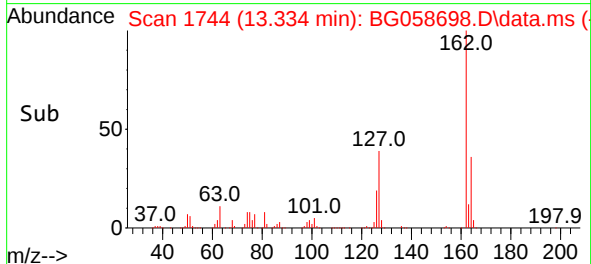
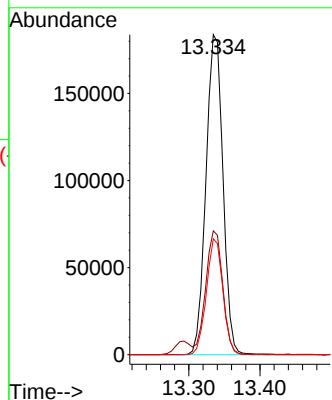
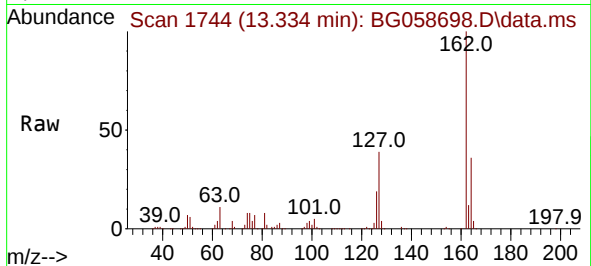




#47
2-Chloronaphthalene
Concen: 39.567 ng
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

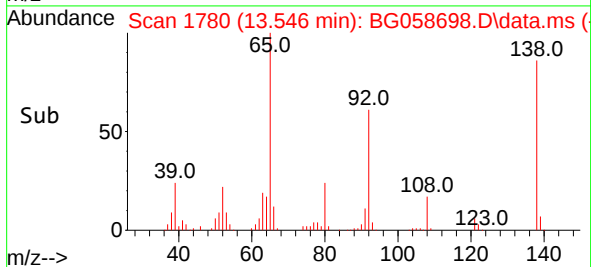
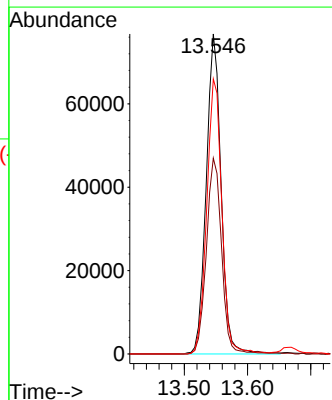
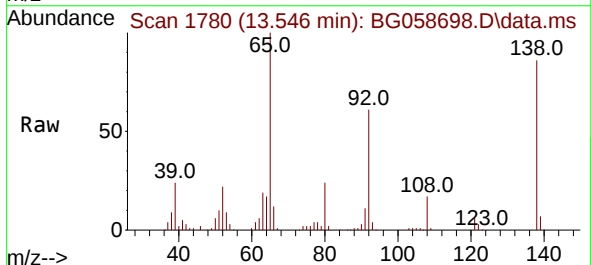
Instrument :
BNA_G
ClientSampleId :
PB154756BS

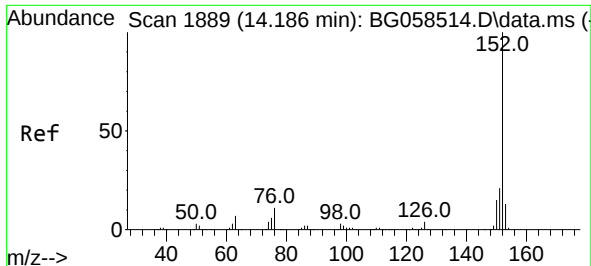
Tgt Ion:162 Resp: 306070
Ion Ratio Lower Upper
162 100
127 38.7 30.9 46.3
164 36.2 27.2 40.8



#48
2-Nitroaniline
Concen: 42.383 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 65 Resp: 125137
Ion Ratio Lower Upper
65 100
92 61.2 49.2 73.8
138 86.0 71.5 107.3

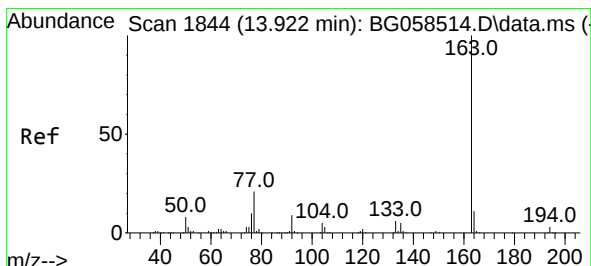
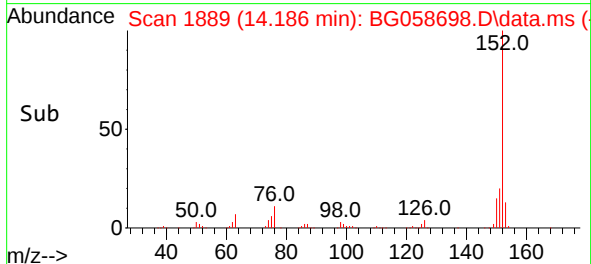
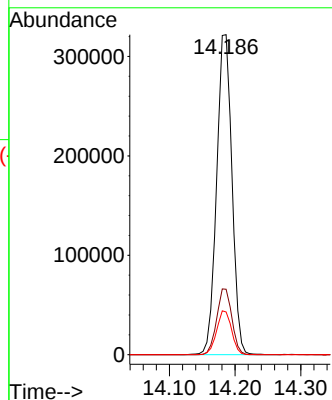
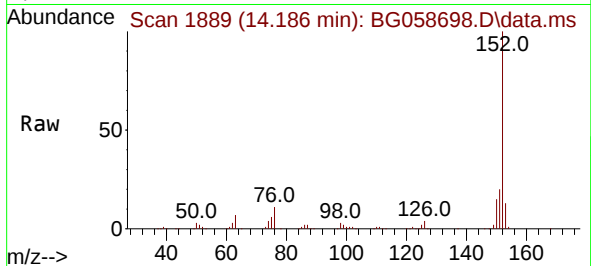




#49
Acenaphthylene
Concen: 40.145 ng
RT: 14.186 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

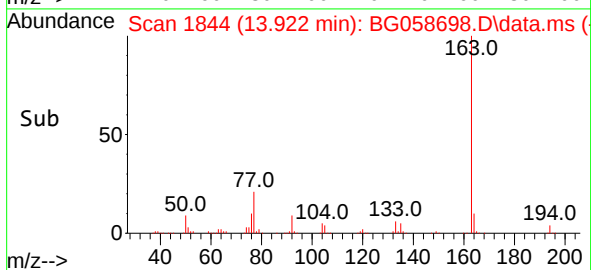
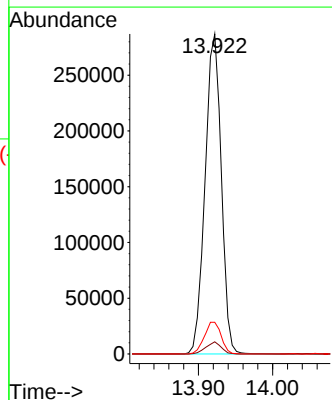
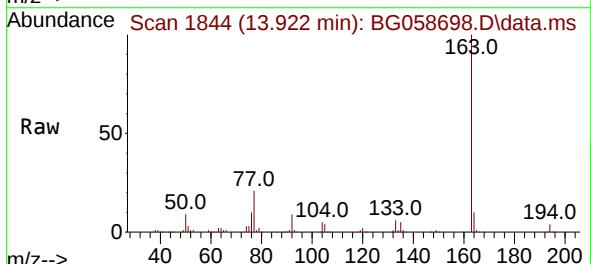
Instrument :
BNA_G
ClientSampleId :
PB154756BS

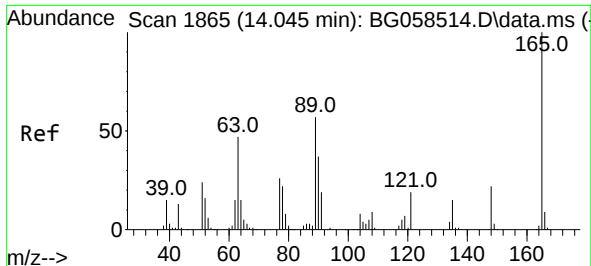
Tgt Ion:152 Resp: 519912
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 40.080 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:163 Resp: 434841
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.6 12.8

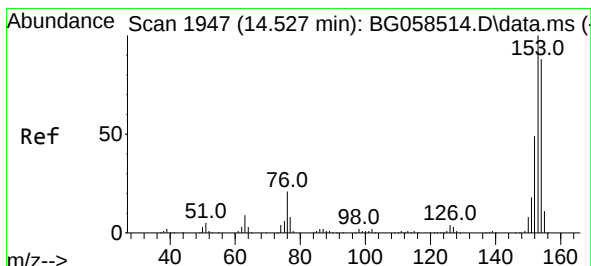
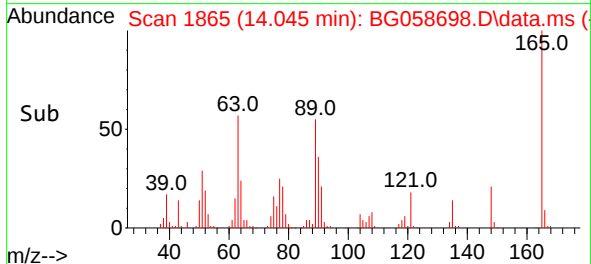
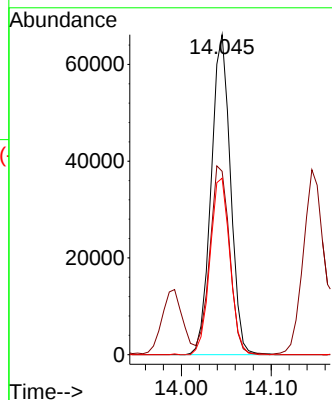
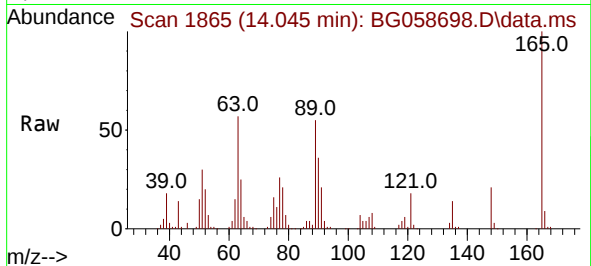




#51
2,6-Dinitrotoluene
Concen: 41.482 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

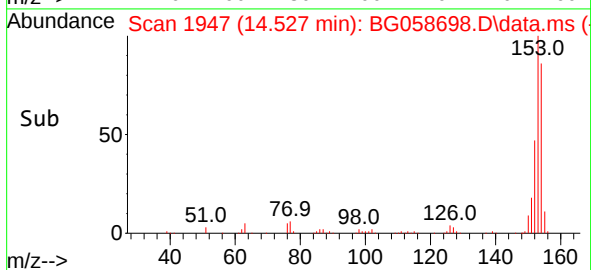
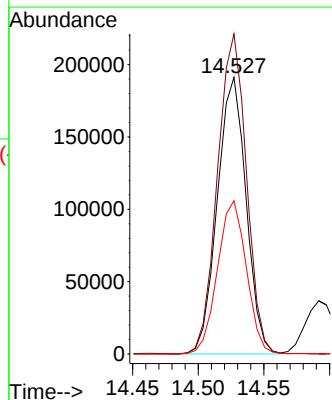
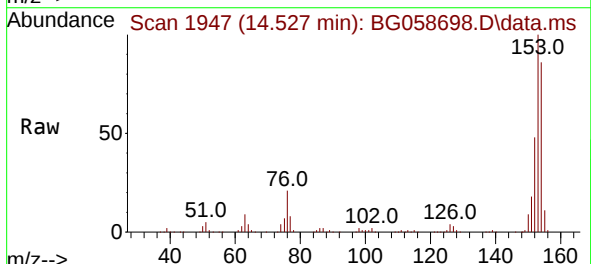
Instrument :
BNA_G
ClientSampleId :
PB154756BS

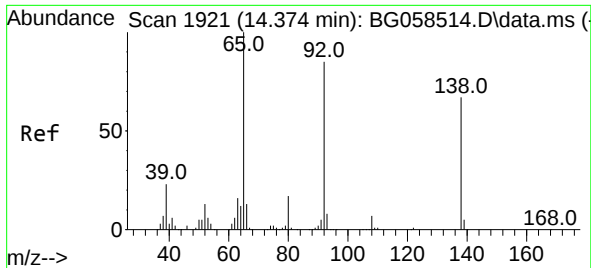
Tgt Ion:165 Resp: 98751
Ion Ratio Lower Upper
165 100
63 57.3 46.4 69.6
89 55.1 45.3 67.9



#52
Acenaphthene
Concen: 38.958 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:154 Resp: 291532
Ion Ratio Lower Upper
154 100
153 115.7 91.1 136.7
152 55.4 44.6 66.8

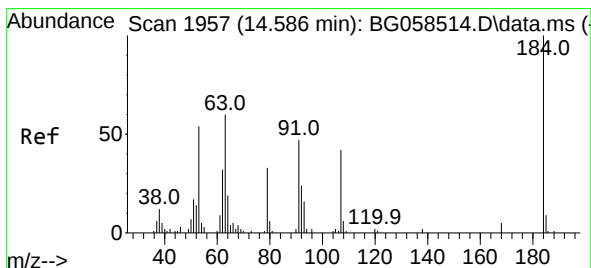
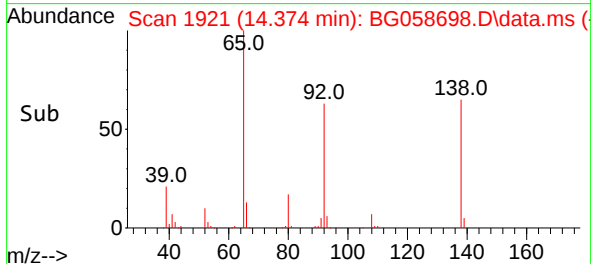
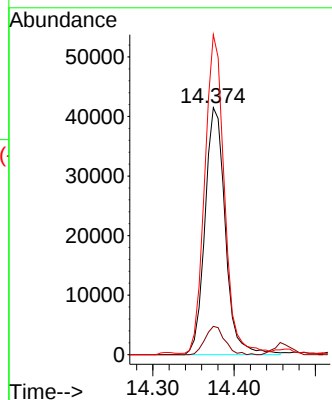
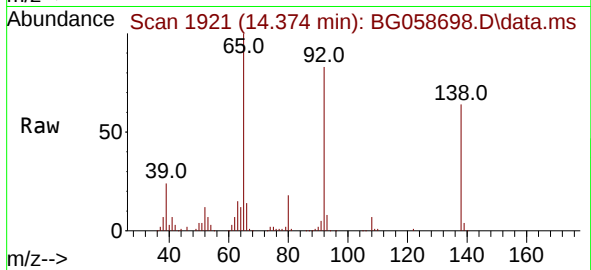




#53
3-Nitroaniline
Concen: 30.243 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

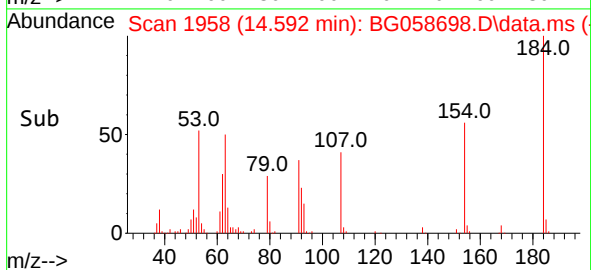
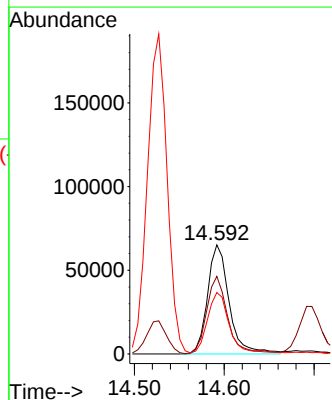
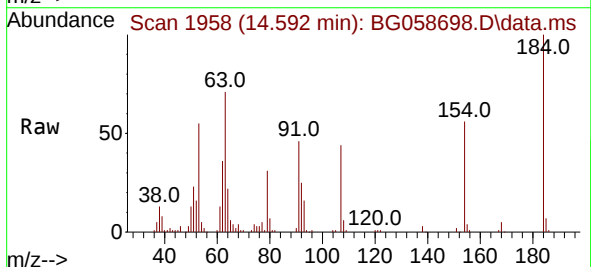
Instrument :
BNA_G
ClientSampleId :
PB154756BS

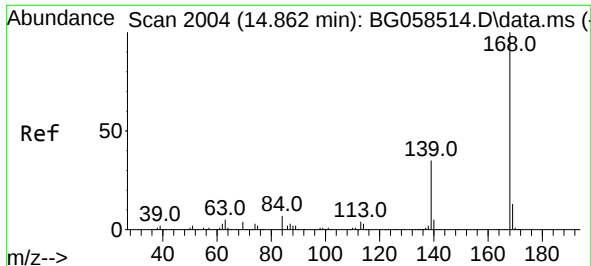
Tgt Ion:138 Resp: 72032
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 129.5 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 80.911 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:184 Resp: 108706
Ion Ratio Lower Upper
184 100
63 71.2 56.7 85.1
154 56.3 46.1 69.1

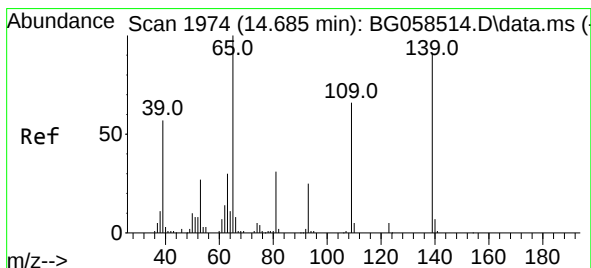
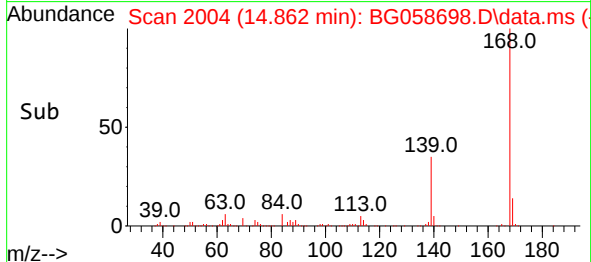
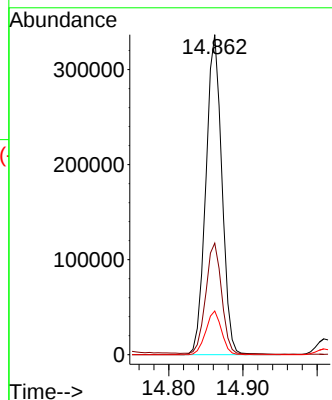
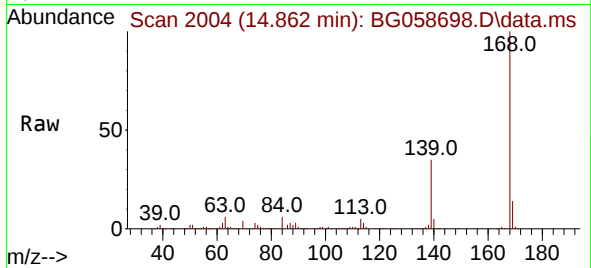




#55
Dibenzofuran
Concen: 39.234 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

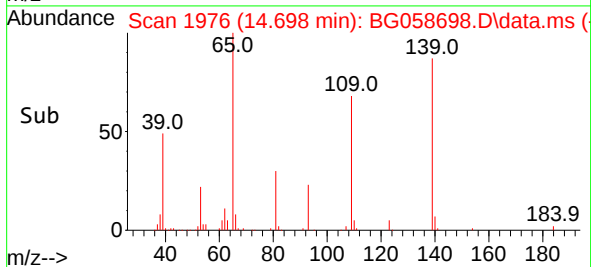
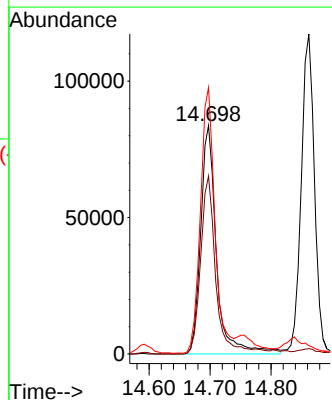
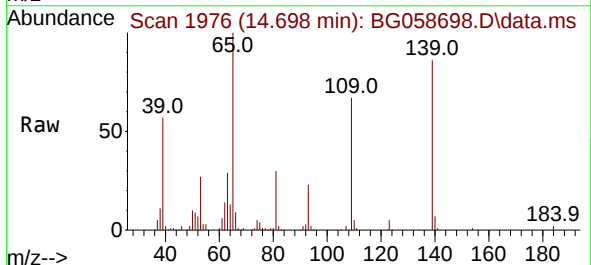
Instrument :
BNA_G
ClientSampleId :
PB154756BS

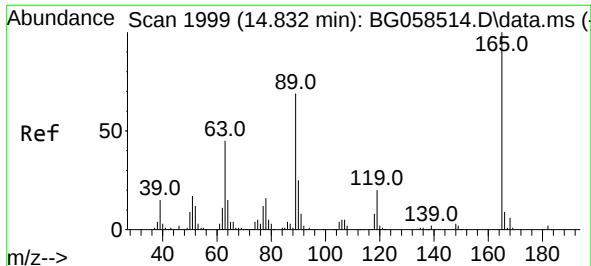
Tgt Ion:168 Resp: 504498
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 85.326 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:139 Resp: 150995
Ion Ratio Lower Upper
139 100
109 77.9 52.5 92.5
65 116.6 90.5 130.5

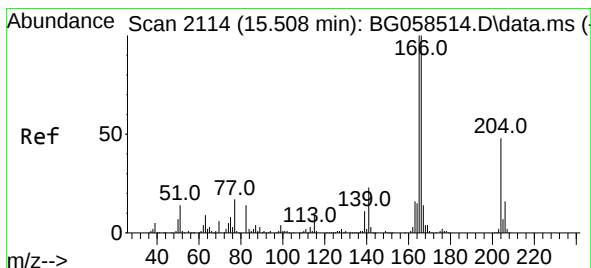
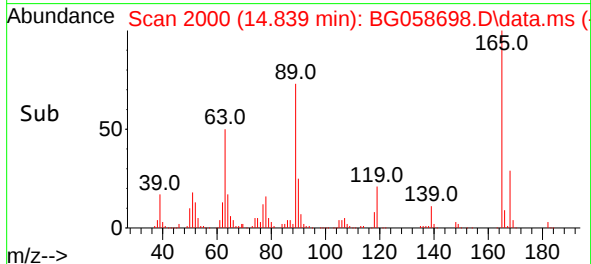
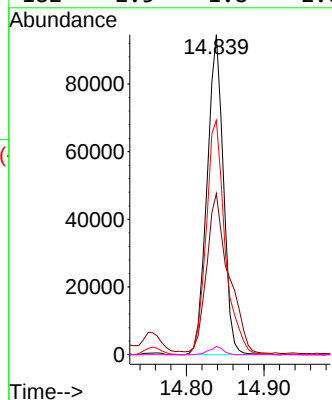
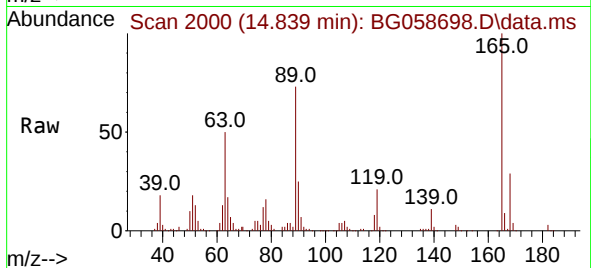




#57
2,4-Dinitrotoluene
Concen: 42.007 ng
RT: 14.839 min Scan# 20
Delta R.T. 0.007 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

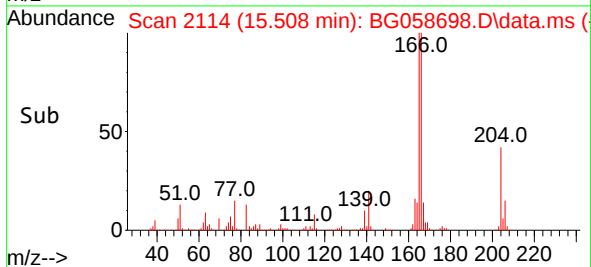
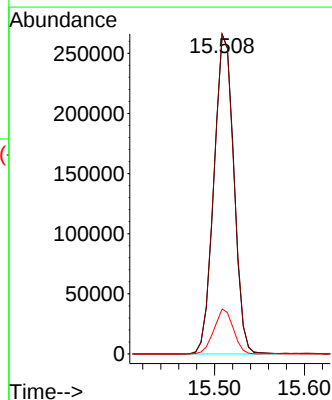
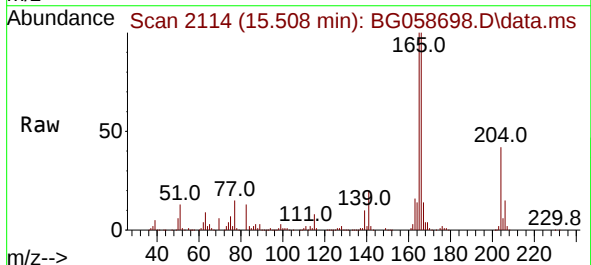
Instrument :
BNA_G
ClientSampleId :
PB154756BS

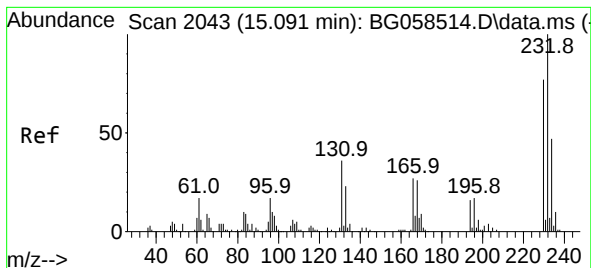
Tgt Ion:165 Resp: 138638
Ion Ratio Lower Upper
165 100
63 50.3 36.6 54.8
89 73.2 55.4 83.0
182 2.5 1.8 2.6



#58
Fluorene
Concen: 39.984 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:166 Resp: 408439
Ion Ratio Lower Upper
166 100
165 99.8 80.0 120.0
167 14.0 11.3 16.9

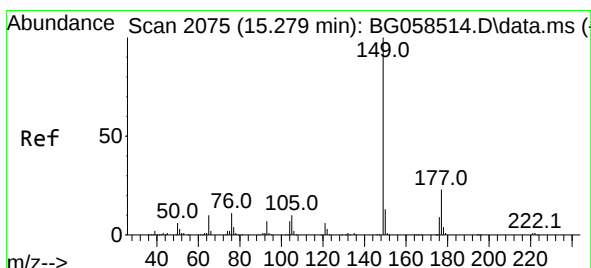
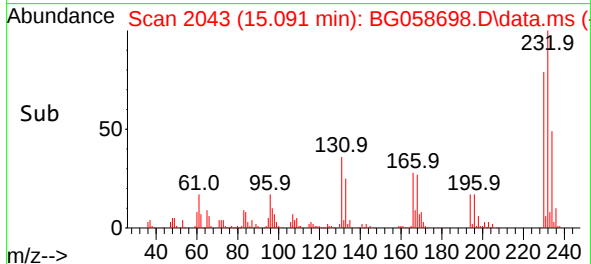
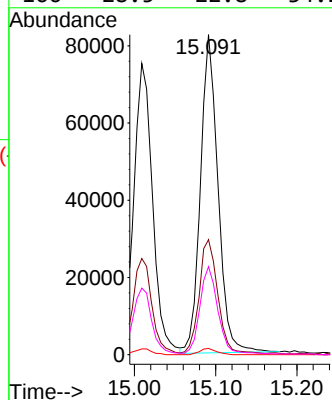
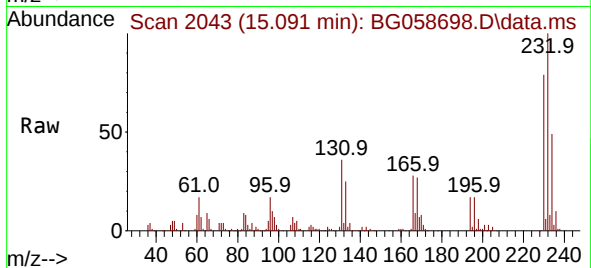




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.364 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

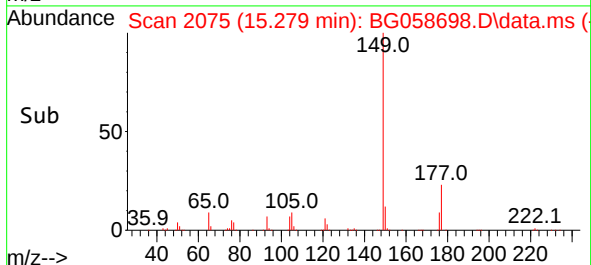
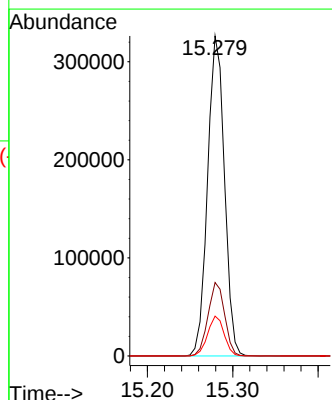
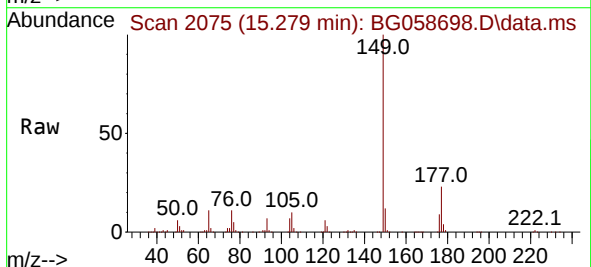
Instrument :
BNA_G
ClientSampleId :
PB154756BS

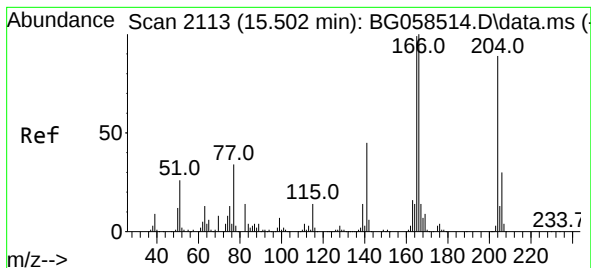
Tgt Ion:232 Resp: 123757
Ion Ratio Lower Upper
232 100
131 38.0 30.0 45.0
130 1.9 1.5 2.3
166 28.5 22.8 34.2



#60
Diethylphthalate
Concen: 40.501 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:149 Resp: 447658
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.5 10.2 15.4

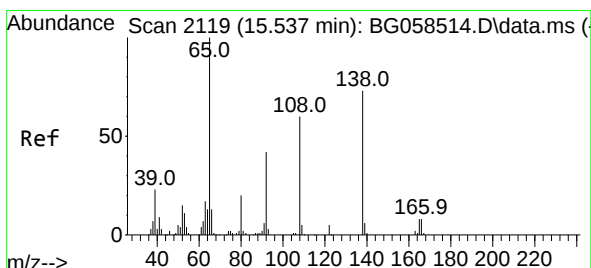
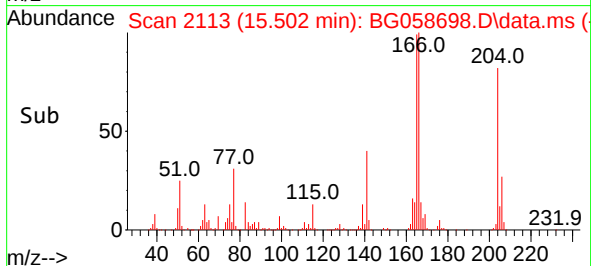
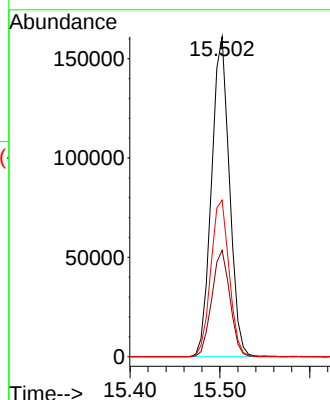
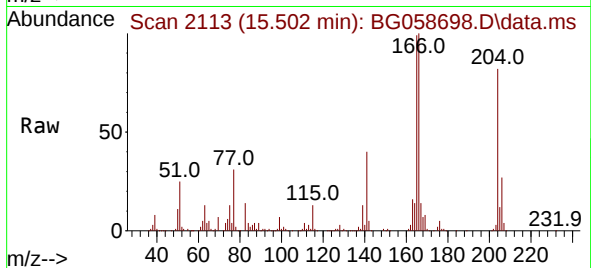




#61
4-Chlorophenyl-phenylether
Concen: 39.192 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

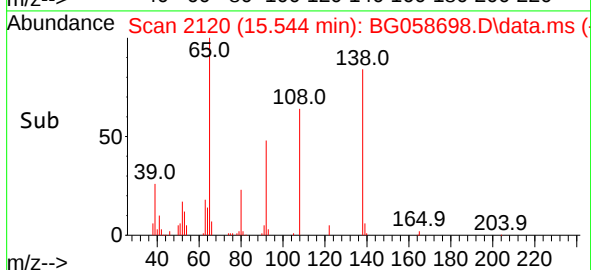
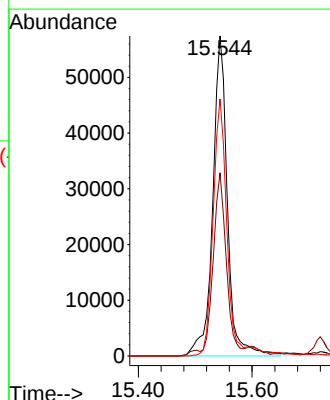
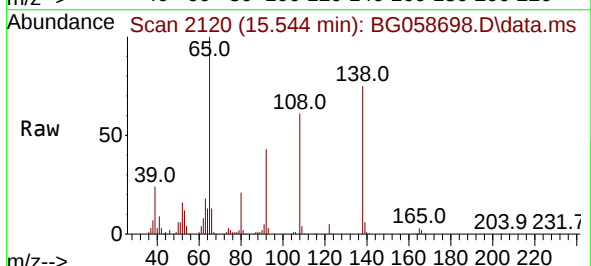
Instrument :
BNA_G
ClientSampleId :
PB154756BS

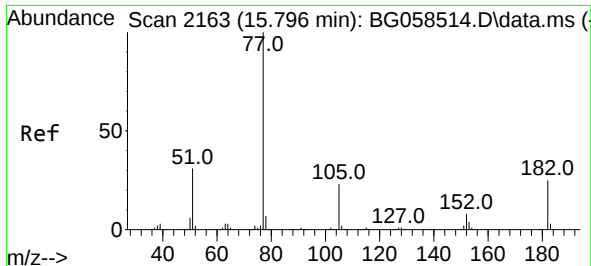
Tgt Ion:204 Resp: 223200
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 49.0 40.8 61.2



#62
4-Nitroaniline
Concen: 45.383 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:138 Resp: 102394
Ion Ratio Lower Upper
138 100
92 57.3 37.3 77.3
108 80.3 62.6 102.6

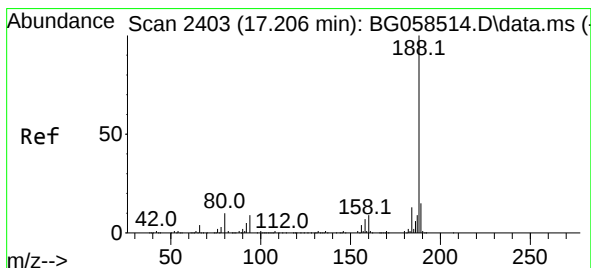
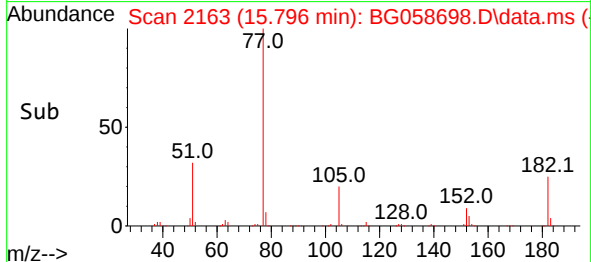
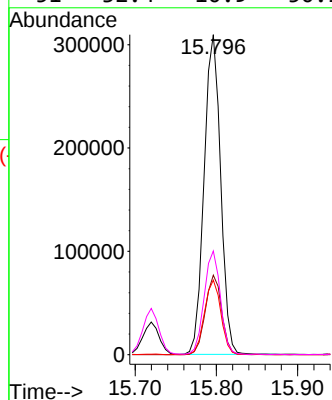
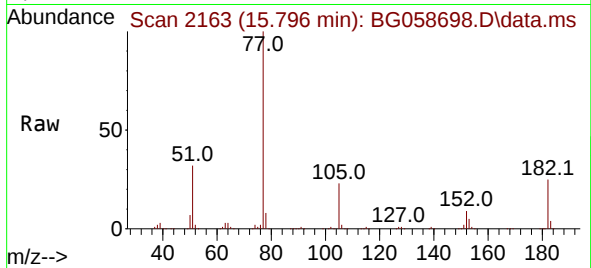




#63
Azobenzene
Concen: 40.110 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

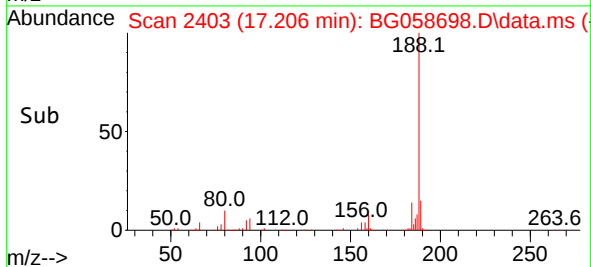
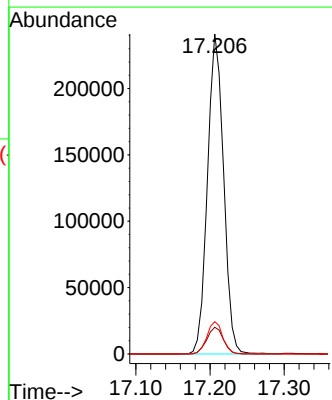
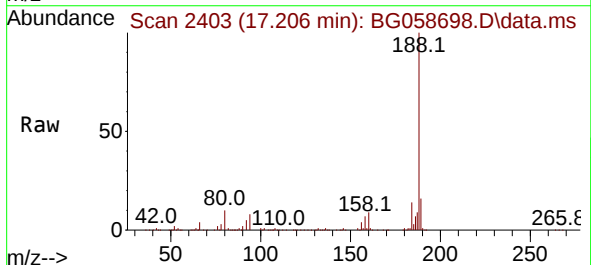
Instrument :
BNA_G
ClientSampleId :
PB154756BS

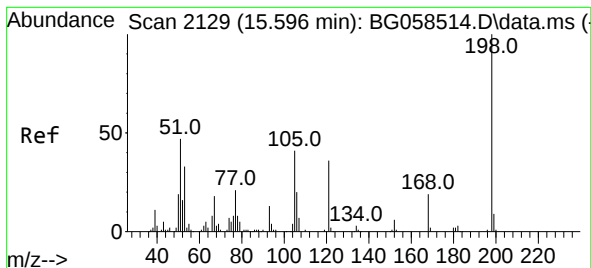
Tgt Ion: 77	Resp: 436667
Ion Ratio	Lower Upper
77 100	
182 24.9	4.6 44.6
105 23.3	3.3 43.3
51 32.4	10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:188	Resp: 364356
Ion Ratio	Lower Upper
188 100	
94 8.3	7.0 10.6
80 10.1	8.1 12.1

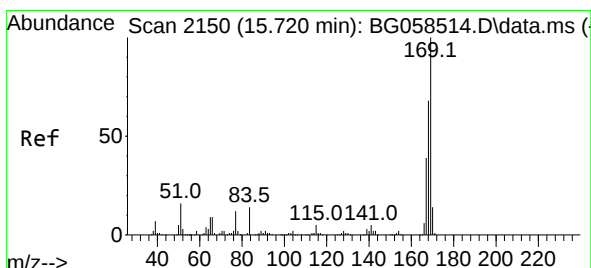
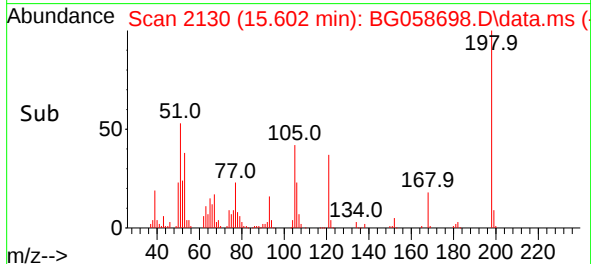
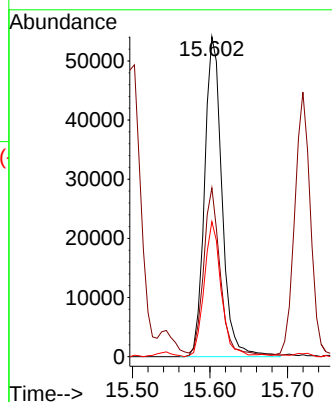
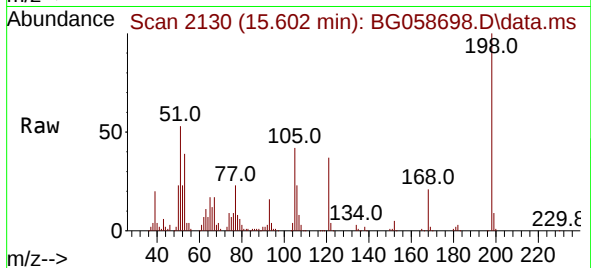




#65
4,6-Dinitro-2-methylphenol
Concen: 42.087 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

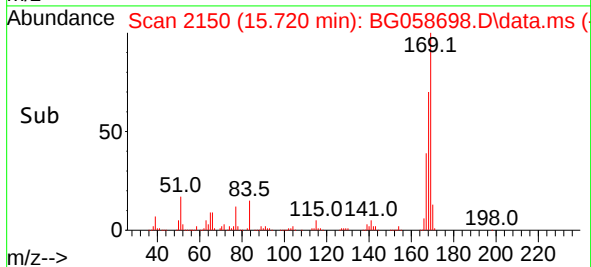
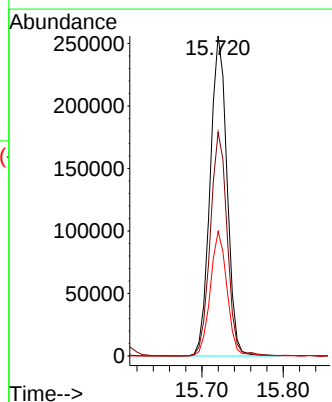
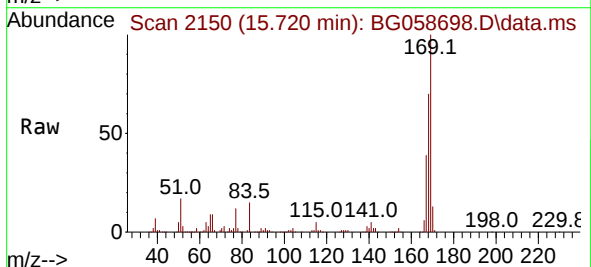
Instrument :
BNA_G
ClientSampleId :
PB154756BS

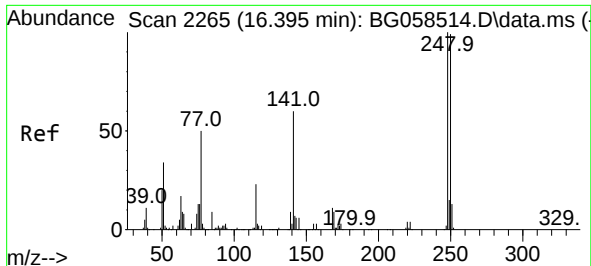
Tgt Ion:198 Resp: 84553
Ion Ratio Lower Upper
198 100
51 52.8 29.3 69.3
105 42.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 38.909 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:169 Resp: 368984
Ion Ratio Lower Upper
169 100
168 70.0 54.6 82.0
167 39.0 31.3 46.9

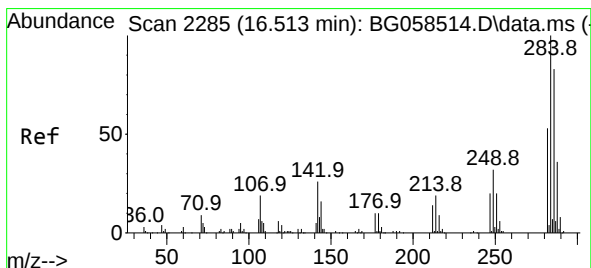
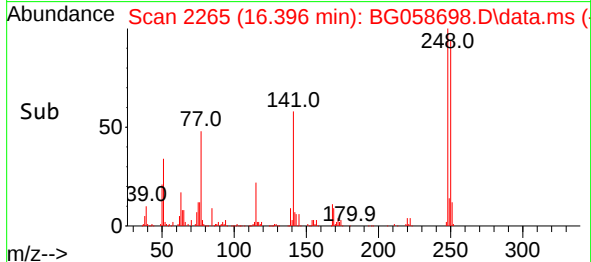
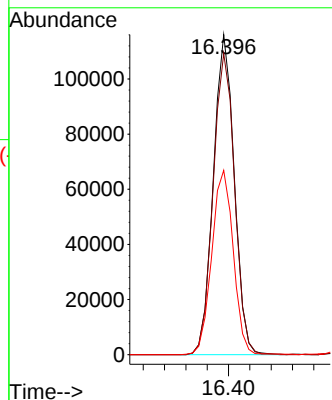
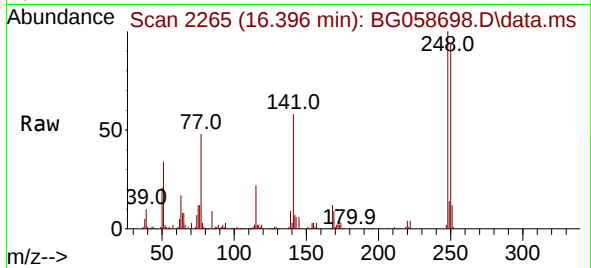




#67
4-Bromophenyl-phenylether
Concen: 38.201 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

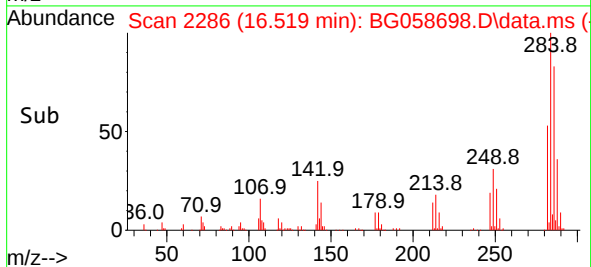
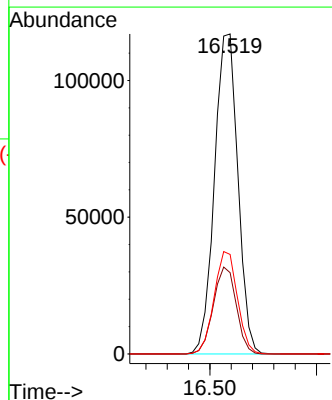
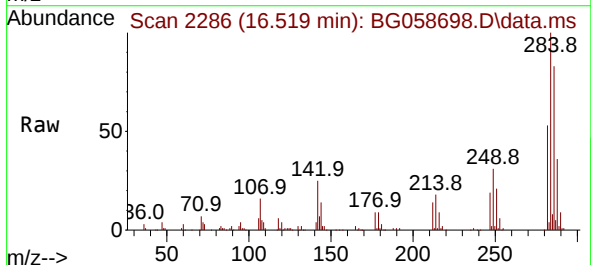
Instrument :
BNA_G
ClientSampleId :
PB154756BS

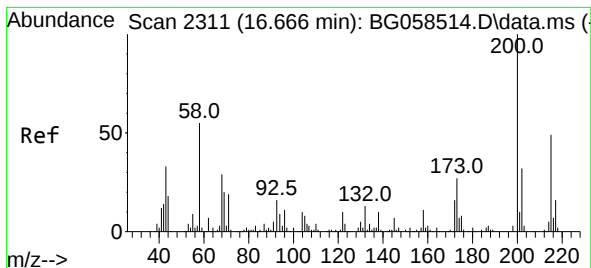
Tgt Ion:248 Resp: 157868
Ion Ratio Lower Upper
248 100
250 94.1 79.5 119.3
141 57.6 48.2 72.2



#68
Hexachlorobenzene
Concen: 40.644 ng
RT: 16.519 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:284 Resp: 177985
Ion Ratio Lower Upper
284 100
142 25.4 21.0 31.4
249 31.1 25.5 38.3





#69

Atrazine

Concen: 48.405 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

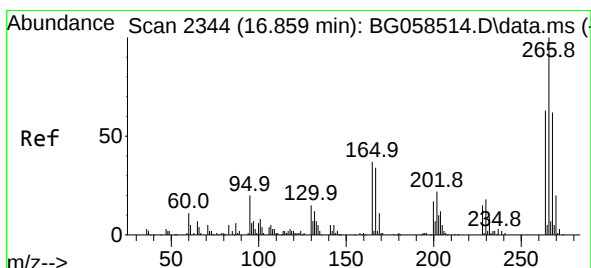
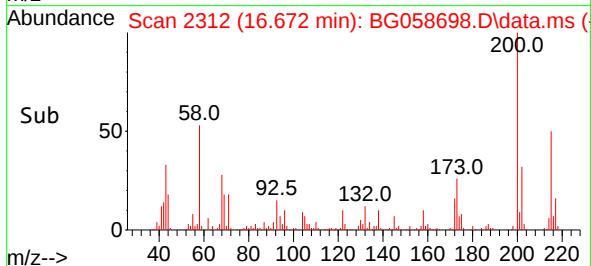
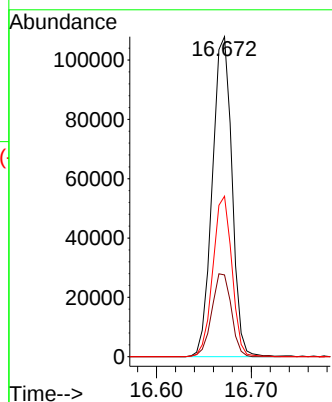
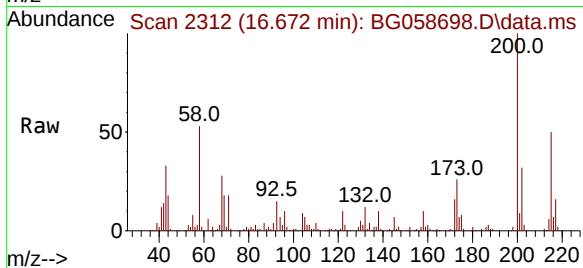
Tgt Ion:200 Resp: 154958

Ion Ratio Lower Upper

200 100

173 25.5 6.5 46.5

215 50.2 28.9 68.9



#70

Pentachlorophenol

Concen: 67.912 ng

RT: 16.866 min Scan# 2345

Delta R.T. 0.007 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

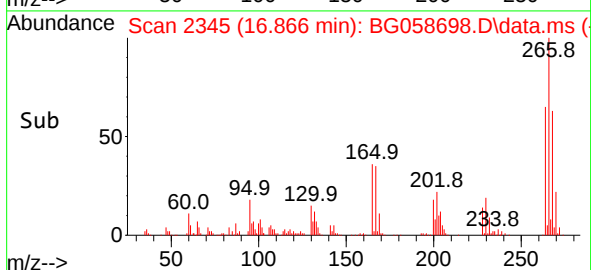
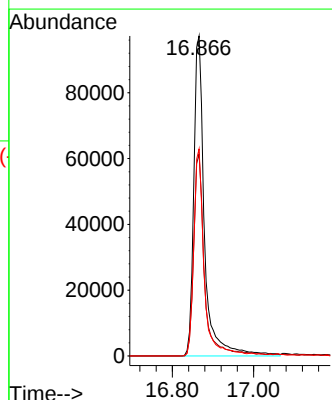
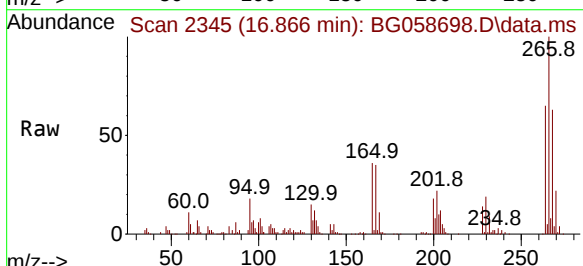
Tgt Ion:266 Resp: 180006

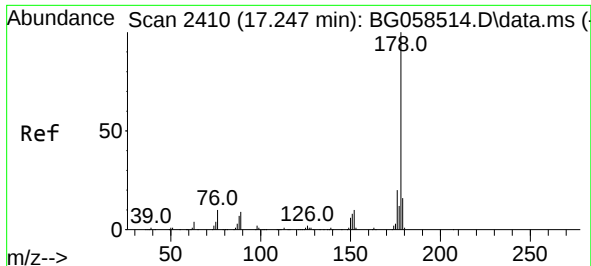
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

264 64.7 50.2 75.4

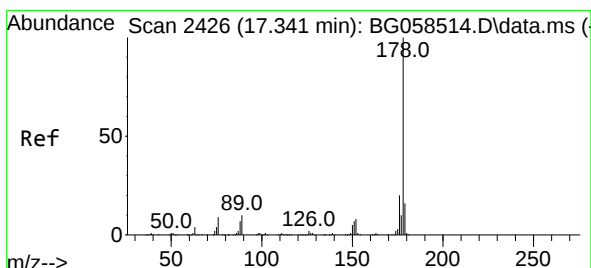
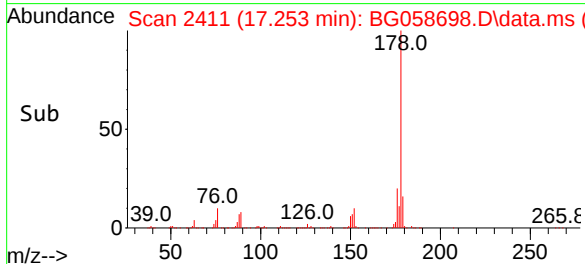
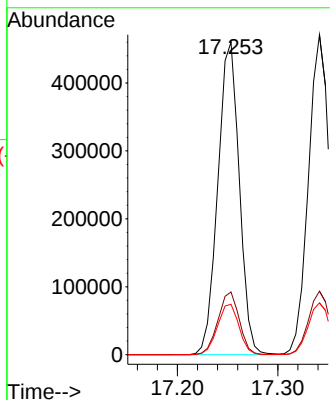
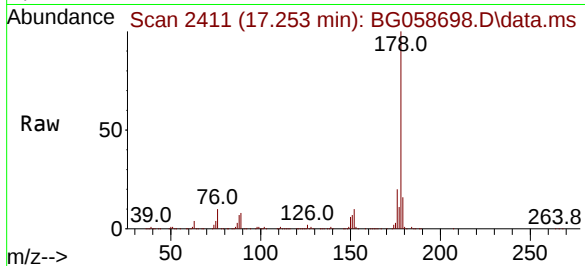




#71
Phenanthrene
Concen: 39.548 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

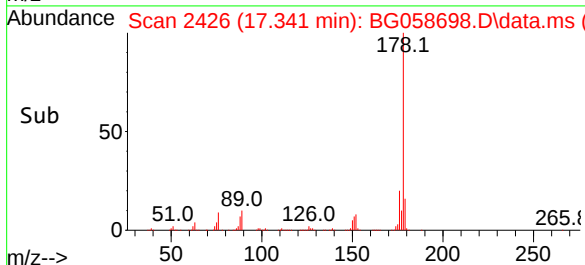
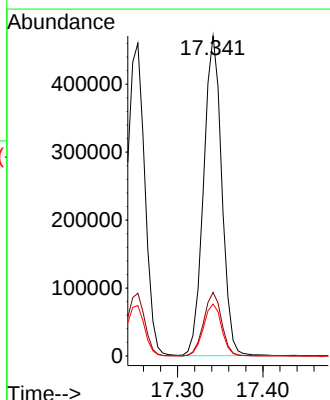
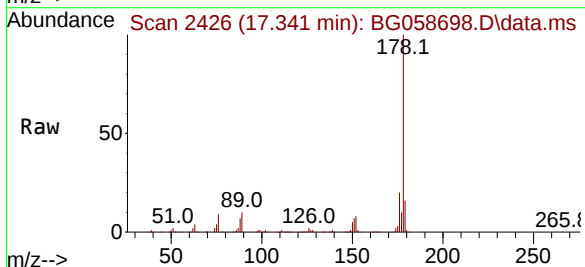
Instrument :
BNA_G
ClientSampleId :
PB154756BS

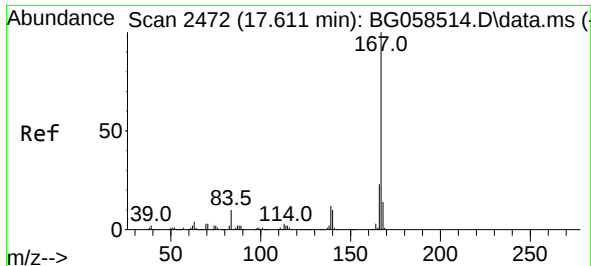
Tgt Ion:178 Resp: 683365
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.1 13.1 19.7



#72
Anthracene
Concen: 39.256 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:178 Resp: 696007
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.2 12.9 19.3

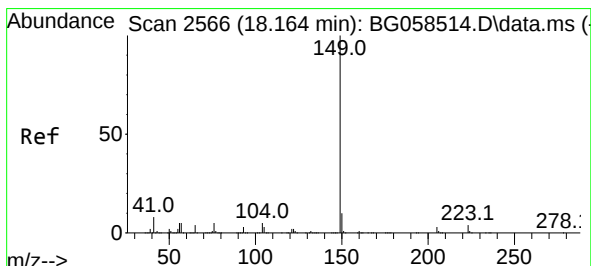
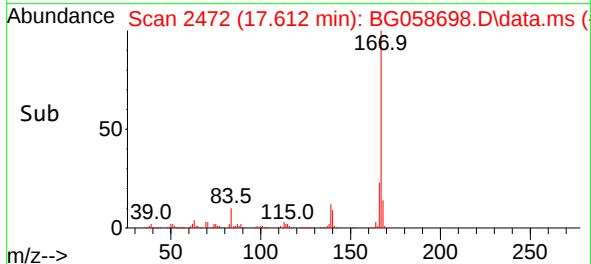
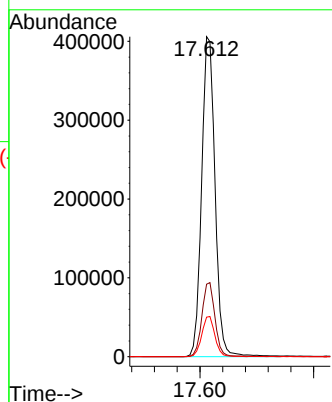
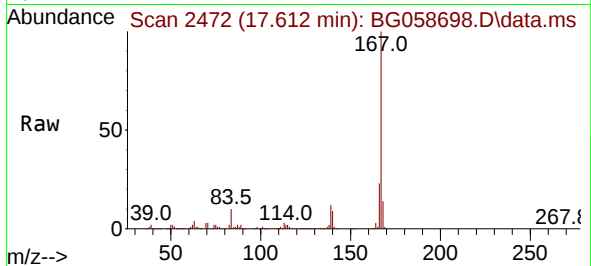




#73
 Carbazole
 Concen: 42.503 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

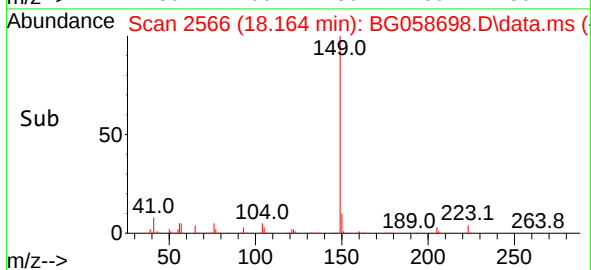
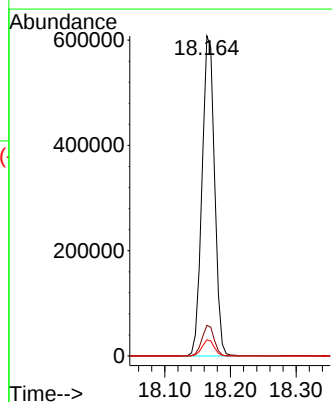
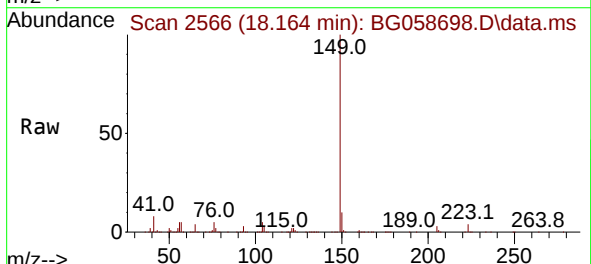
Instrument :
 BNA_G
 ClientSampleId :
 PB154756BS

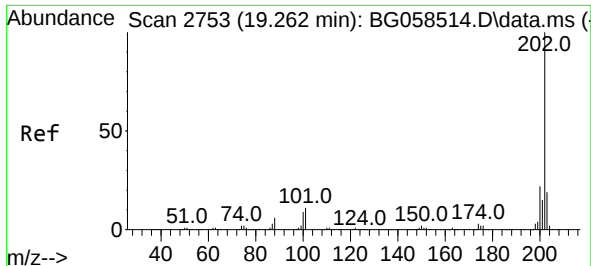
Tgt Ion:167 Resp: 664523
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.410 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

Tgt Ion:149 Resp: 810953
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.0 4.0 6.0

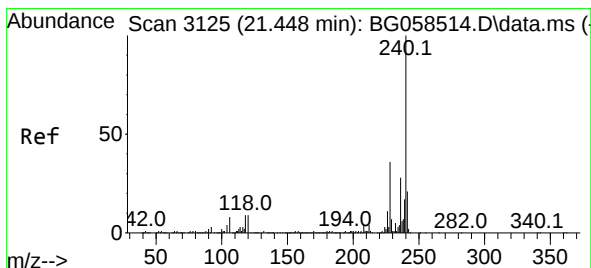
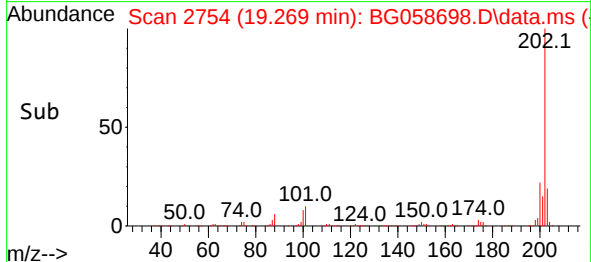
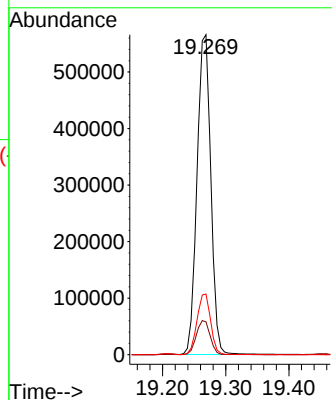
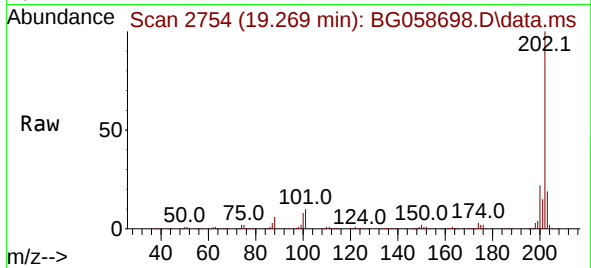




#75
Fluoranthene
Concen: 41.320 ng
RT: 19.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

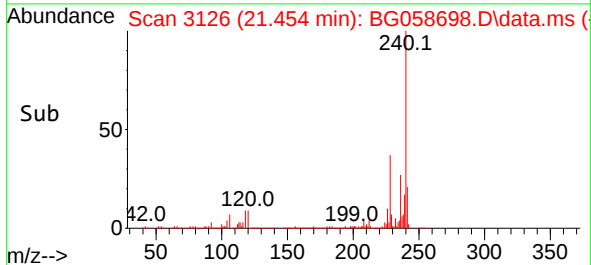
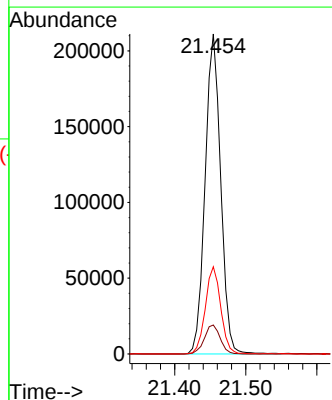
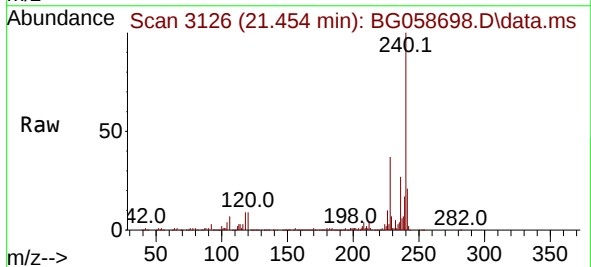
Instrument :
BNA_G
ClientSampleId :
PB154756BS

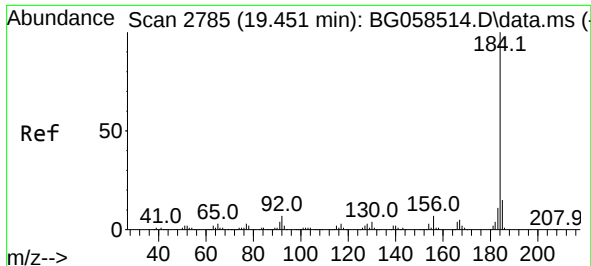
Tgt Ion:202 Resp: 857650
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.9 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:240 Resp: 321640
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.3 22.2 33.4

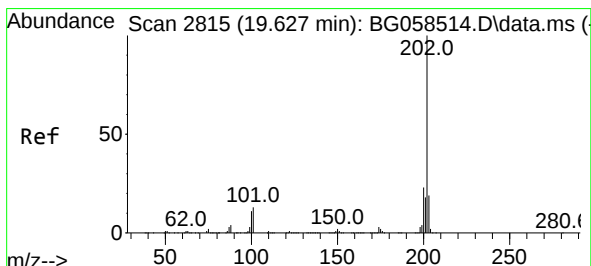
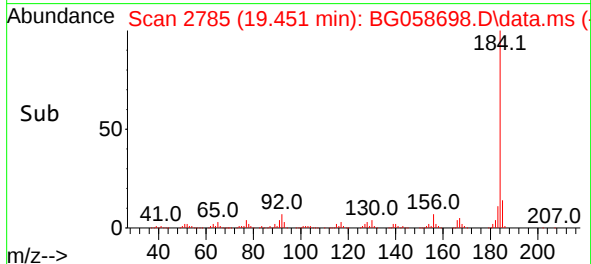
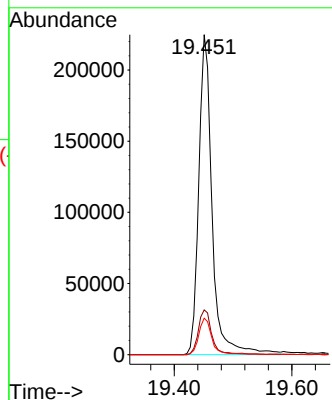
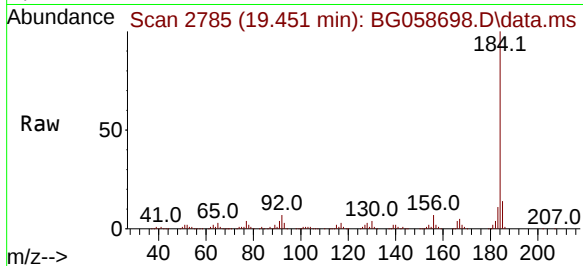




#77
Benzidine
Concen: 72.617 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

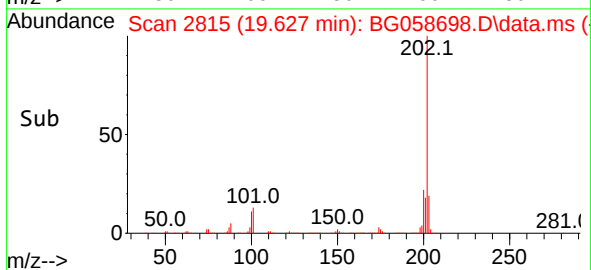
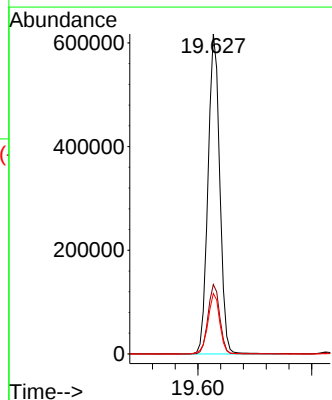
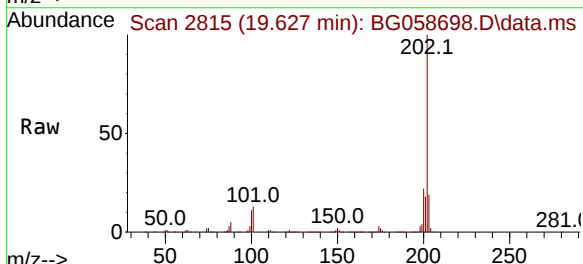
Instrument :
BNA_G
ClientSampleId :
PB154756BS

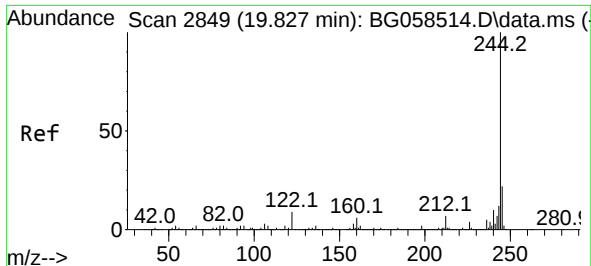
Tgt Ion:184 Resp: 354182
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.4 8.7 13.1



#78
Pyrene
Concen: 40.182 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:202 Resp: 879564
Ion Ratio Lower Upper
202 100
200 21.7 18.2 27.2
203 18.9 15.1 22.7

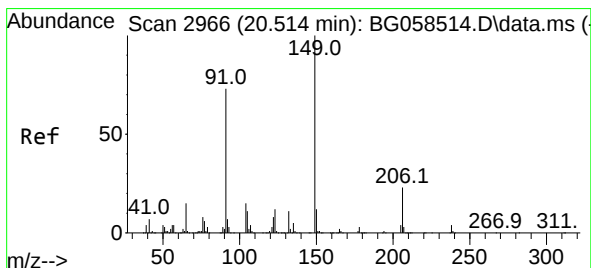
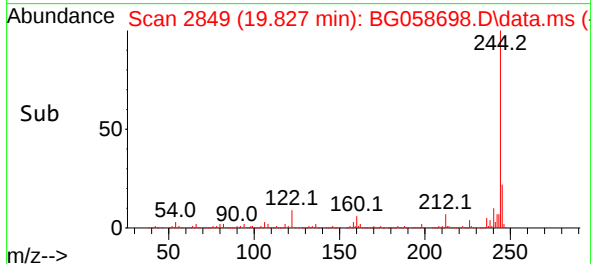
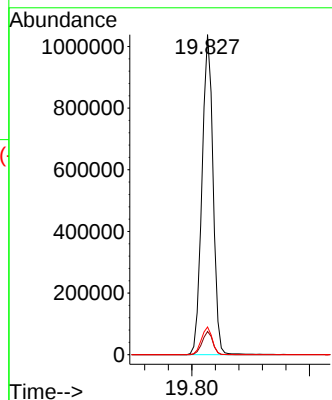
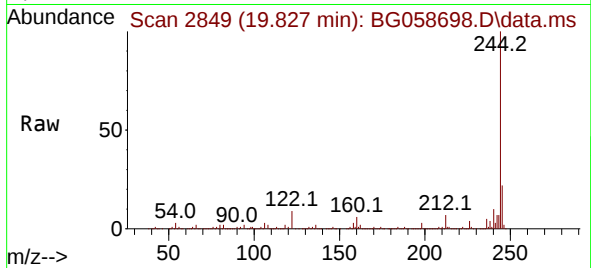




#79
 Terphenyl-d14
 Concen: 79.069 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

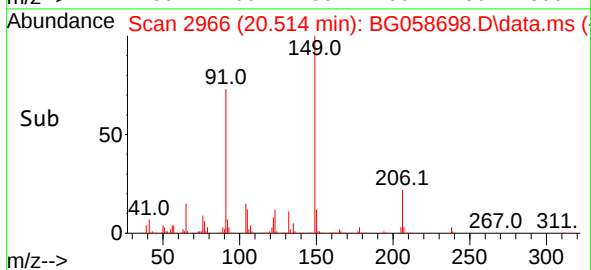
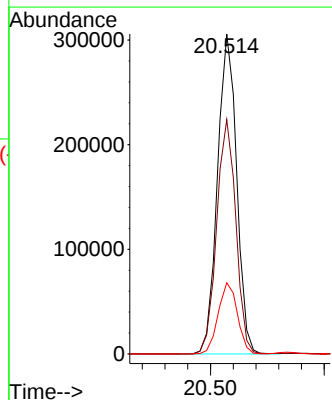
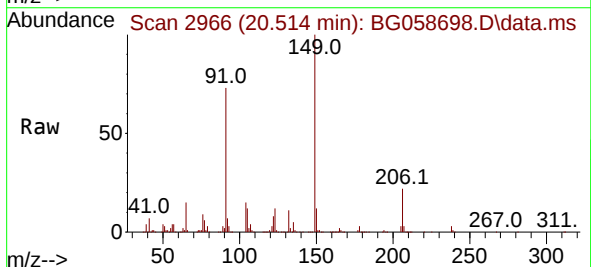
Instrument :
 BNA_G
 ClientSampleId :
 PB154756BS

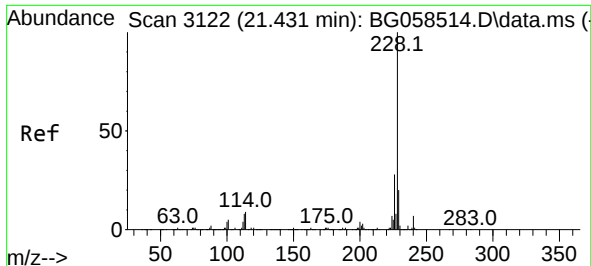
Tgt Ion:244 Resp: 1352378
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.7 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 39.896 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

Tgt Ion:149 Resp: 358713
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.4 87.6
 206 22.2 18.3 27.5

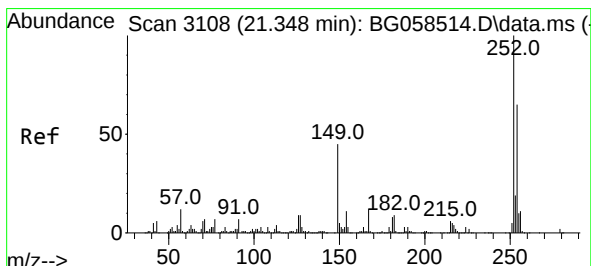
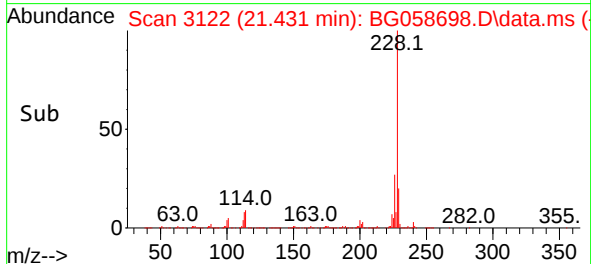
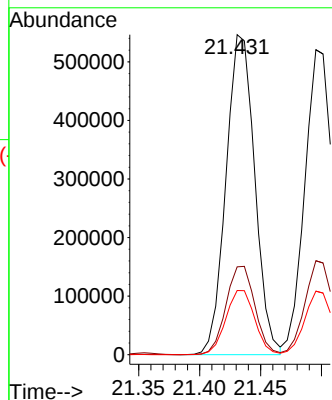
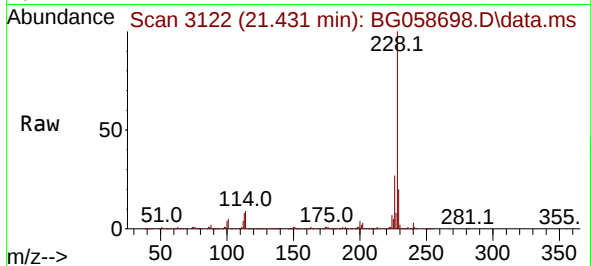




#81
Benzo(a)anthracene
Concen: 40.596 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

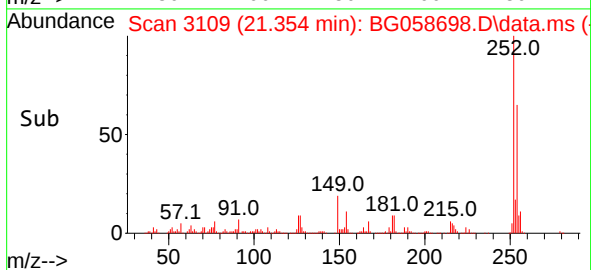
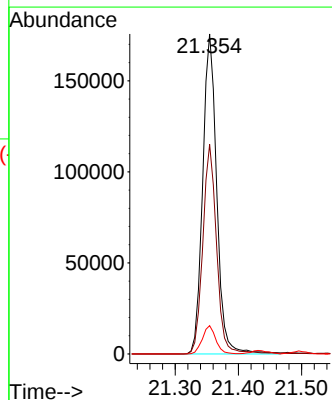
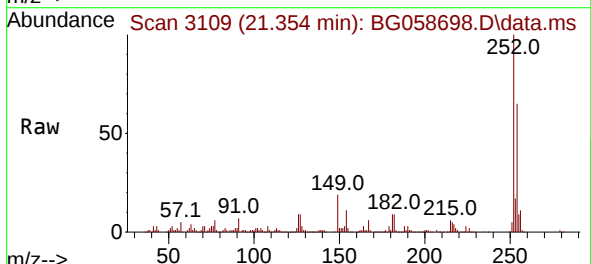
Instrument :
BNA_G
ClientSampleId :
PB154756BS

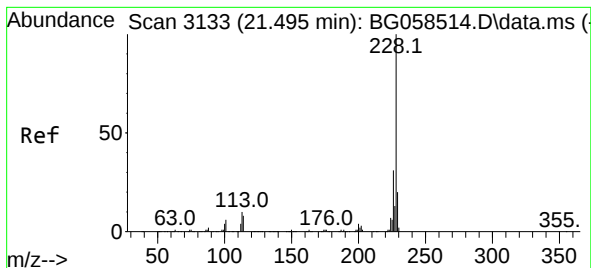
Tgt Ion:228 Resp: 898592
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 36.383 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:252 Resp: 272295
Ion Ratio Lower Upper
252 100
254 65.5 52.2 78.4
126 8.9 7.2 10.8





#83

Chrysene

Concen: 39.192 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

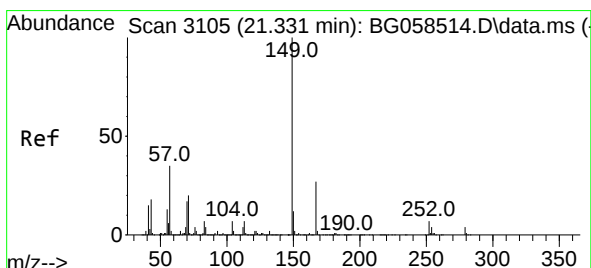
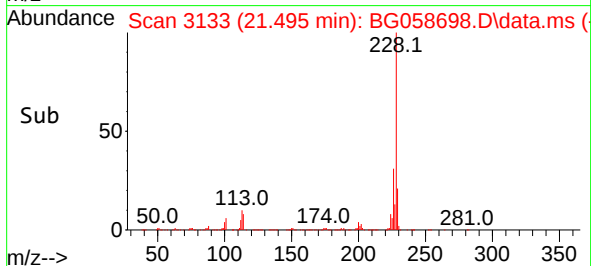
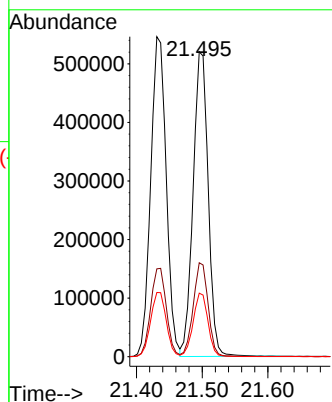
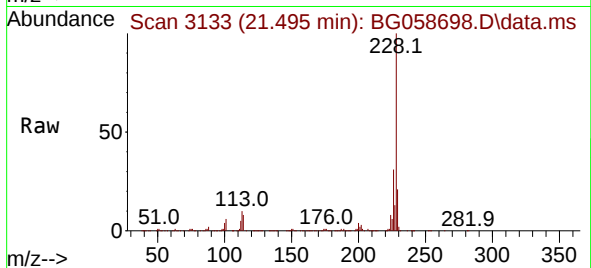
Tgt Ion:228 Resp: 831770

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.785 ng

RT: 21.337 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

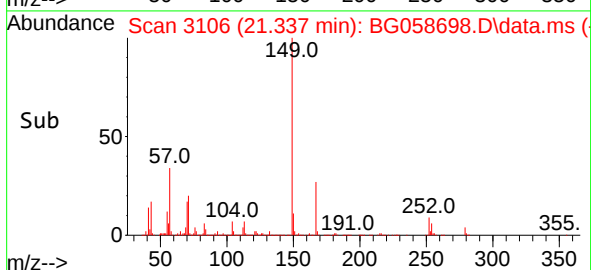
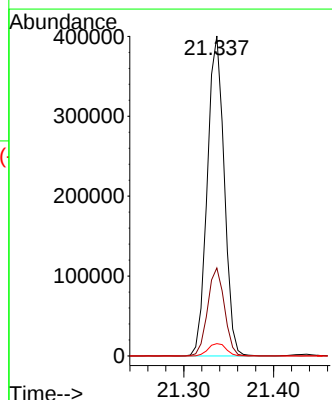
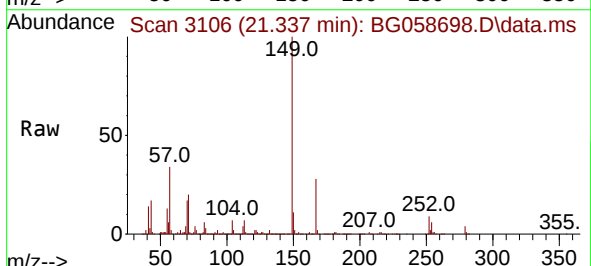
Tgt Ion:149 Resp: 522745

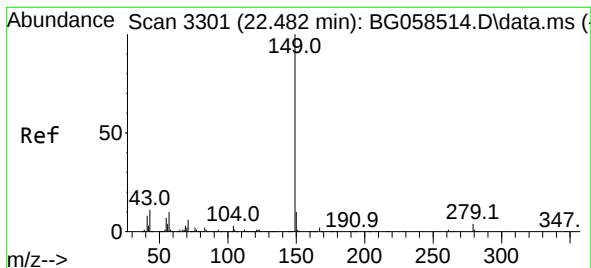
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 40.564 ng

RT: 22.488 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

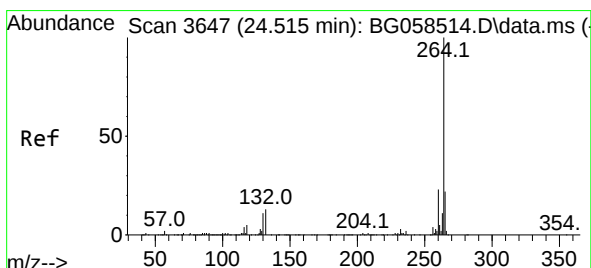
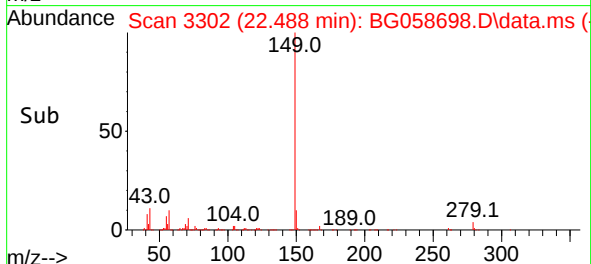
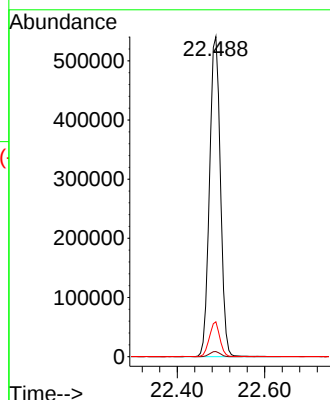
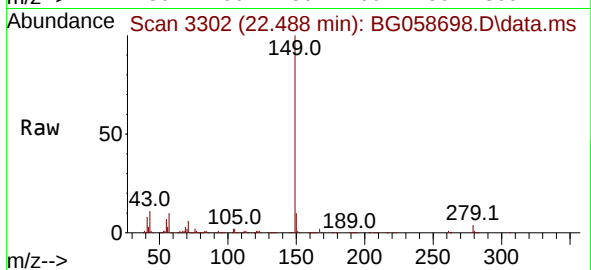
Tgt Ion:149 Resp: 937047

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

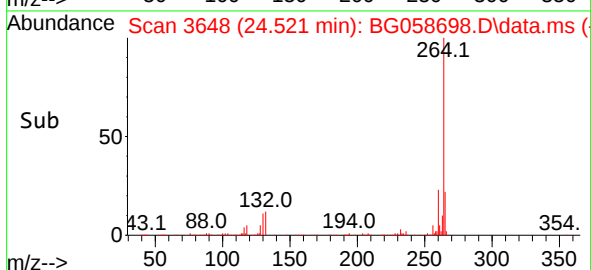
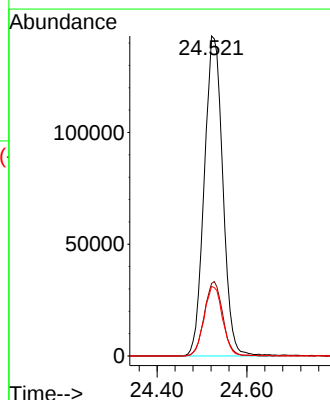
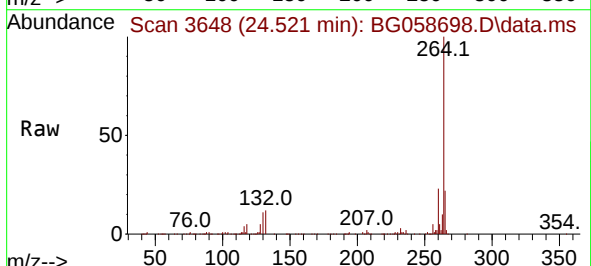
Tgt Ion:264 Resp: 410065

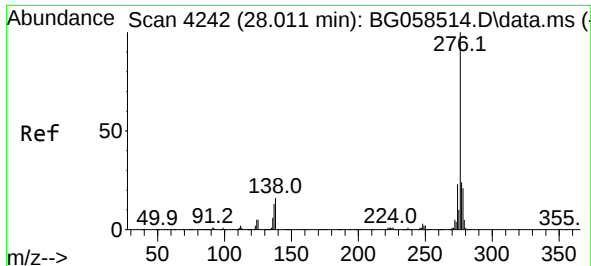
Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.8 17.9 26.9

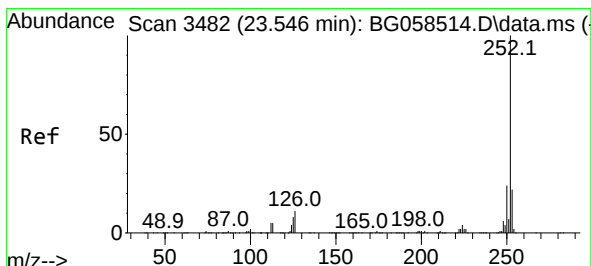
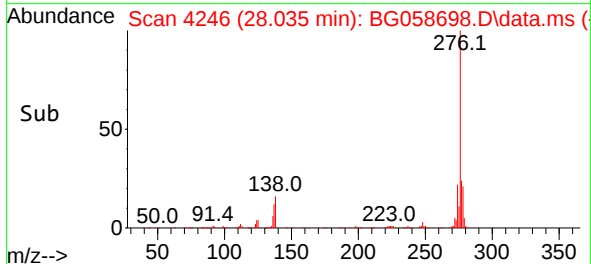
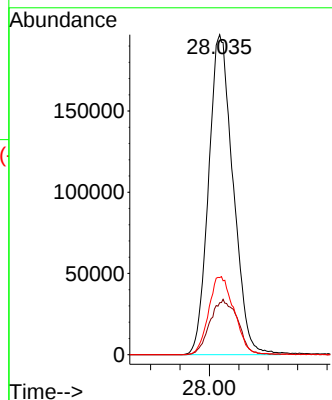
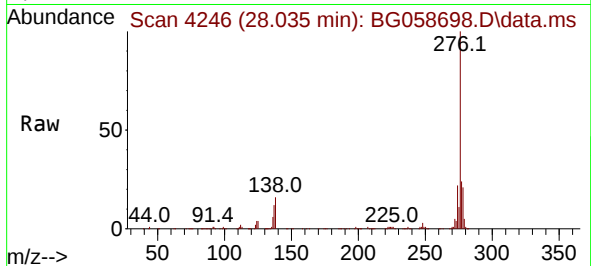




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.661 ng
RT: 28.035 min Scan# 41
Delta R.T. 0.024 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

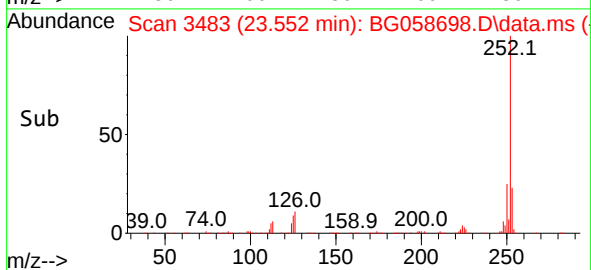
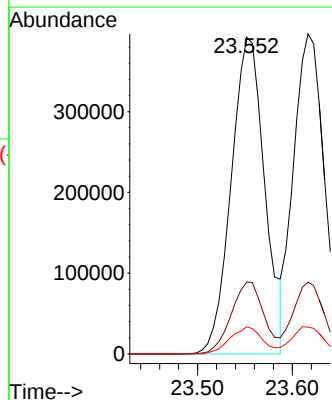
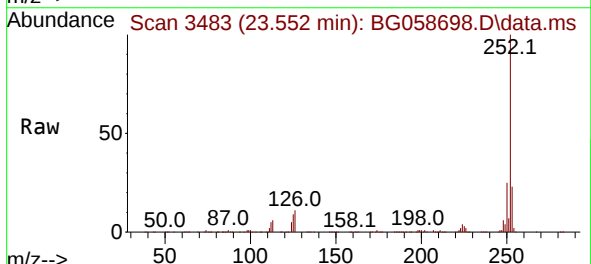
Instrument :
BNA_G
ClientSampleId :
PB154756BS

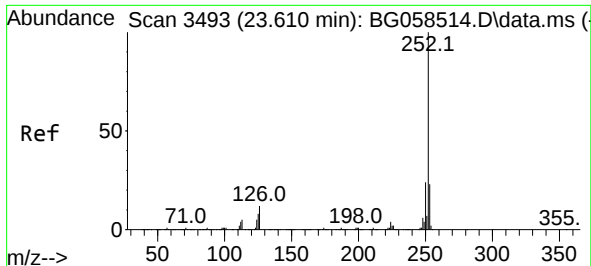
Tgt Ion:276 Resp: 1136529
Ion Ratio Lower Upper
276 100
138 19.6 16.0 24.0
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 43.249 ng
RT: 23.552 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:252 Resp: 961897
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.6 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 40.076 ng

RT: 23.616 min Scan# 3493

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

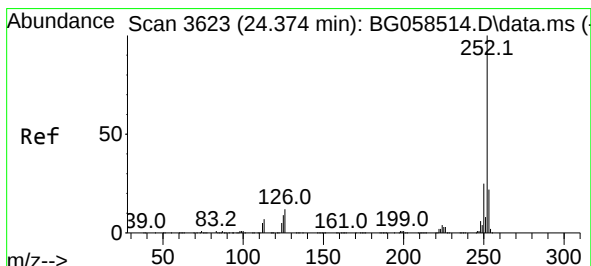
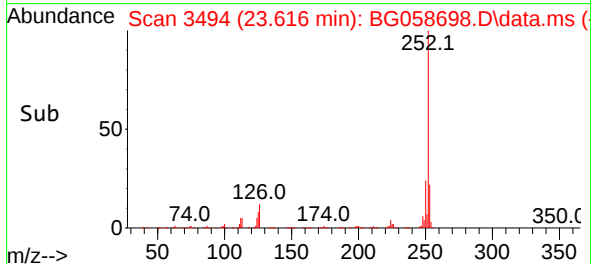
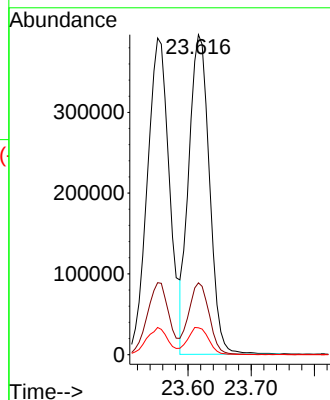
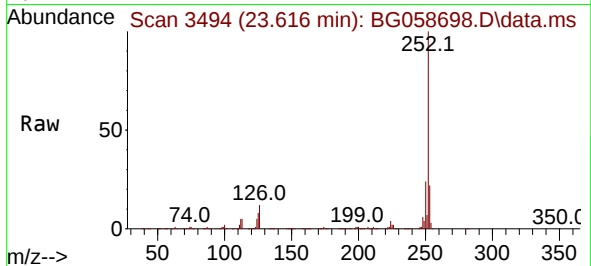
Tgt Ion:252 Resp: 895430

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 8.4 6.6 10.0



#90

Benzo(a)pyrene

Concen: 38.763 ng

RT: 24.386 min Scan# 3625

Delta R.T. 0.012 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

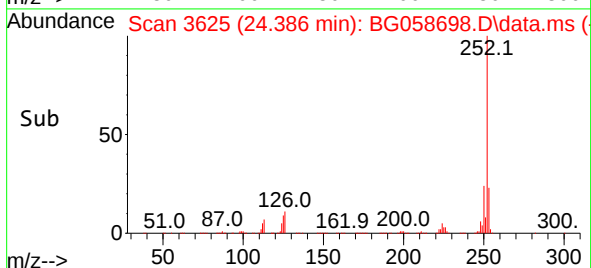
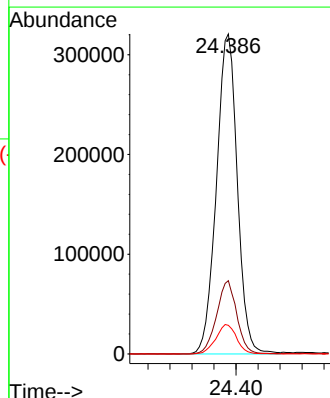
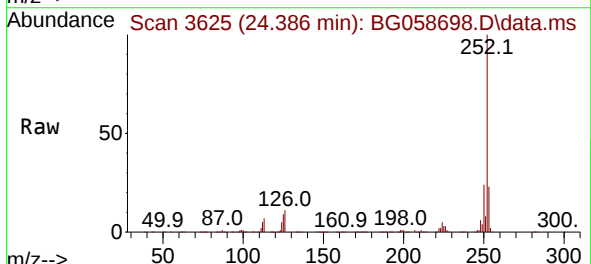
Tgt Ion:252 Resp: 846655

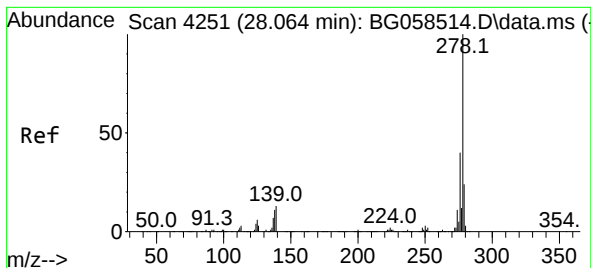
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 9.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 41.679 ng

RT: 28.088 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

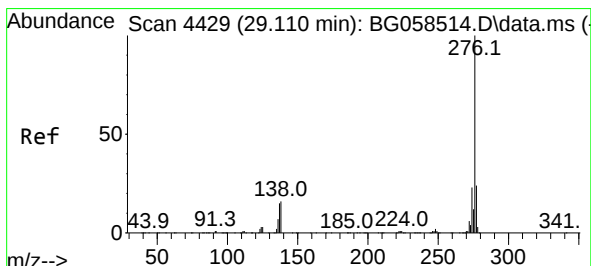
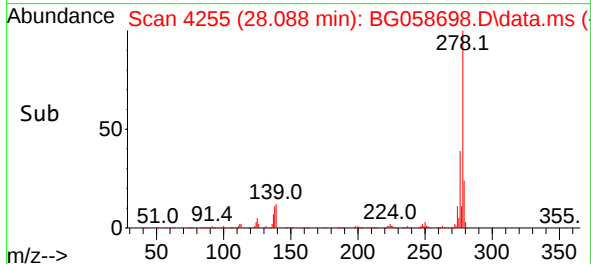
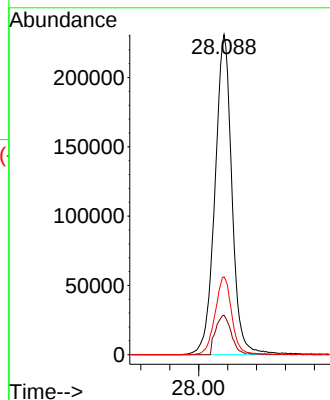
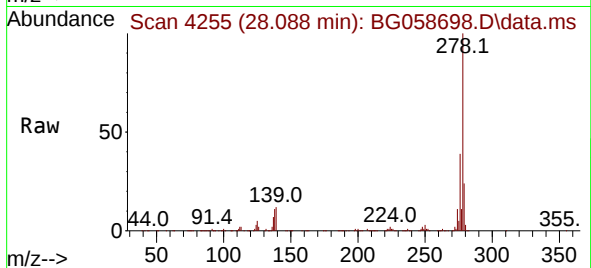
Tgt Ion:278 Resp: 940162

Ion Ratio Lower Upper

278 100

139 12.3 10.4 15.6

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 40.522 ng

RT: 29.134 min Scan# 4433

Delta R.T. 0.024 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:276 Resp: 916571

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 16.0 13.0 19.4

