

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058611.D
 Acq On : 4 Aug 2023 14:48
 Operator : MA/JU
 Sample : 03625-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MS

Quant Time: Aug 04 15:32:06 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	55347	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	235295	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	158824	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	363672	20.000	ng	0.00
76) Chrysene-d12	21.454	240	310244	20.000	ng	0.00
86) Perylene-d12	24.521	264	384928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	445403	123.002	ng	0.00
7) Phenol-d6	6.989	99	580362	115.181	ng	0.00
23) Nitrobenzene-d5	8.981	82	403447	84.232	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	309386	118.847	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	893018	84.261	ng	0.00
79) Terphenyl-d14	19.827	244	1527455	92.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	56193	32.025	ng	# 70
3) Pyridine	3.681	79	145649	30.446	ng	96
4) n-Nitrosodimethylamine	3.587	42	78793	38.873	ng	94
6) Aniline	7.142	93	128603	20.730	ng	98
8) 2-Chlorophenol	7.377	128	166533	46.879	ng	99
9) Benzaldehyde	6.948	77	61855	22.595	ng	98
10) Phenol	7.012	94	210174	42.701	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	159222	41.033	ng	98
12) 1,3-Dichlorobenzene	7.700	146	144392	38.065	ng	99
13) 1,4-Dichlorobenzene	7.847	146	147503	38.727	ng	96
14) 1,2-Dichlorobenzene	8.164	146	148468	40.771	ng	98
15) Benzyl Alcohol	8.052	79	164088	51.351	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	268800	42.645	ng	98
17) 2-Methylphenol	8.264	107	156544	43.498	ng	98
18) Hexachloroethane	8.887	117	53156	38.397	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	137174	42.147	ng	99
20) 3+4-Methylphenols	8.593	107	218126	44.808	ng	99
22) Acetophenone	8.640	105	265731	42.178	ng	# 99
24) Nitrobenzene	9.022	77	202826	41.654	ng	98
25) Isophorone	9.539	82	405916	41.017	ng	99
26) 2-Nitrophenol	9.727	139	93833	44.269	ng	98
27) 2,4-Dimethylphenol	9.791	122	164657	46.832	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	235777	43.779	ng	99
29) 2,4-Dichlorophenol	10.267	162	171908	47.091	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	175811	41.761	ng	97
31) Naphthalene	10.667	128	505927	40.796	ng	99
32) Benzoic acid	9.903	122	15722	9.863	ng	99
33) 4-Chloroaniline	10.784	127	46329	8.842	ng	97
34) Hexachlorobutadiene	10.943	225	105260	38.824	ng	96
35) Caprolactam	11.566	113	44761	33.204	ng	99
36) 4-Chloro-3-methylphenol	11.913	107	208228	46.111	ng	98
37) 2-Methylnaphthalene	12.277	142	363028	40.923	ng	99
38) 1-Methylnaphthalene	12.500	142	347957	41.264	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	213013	43.686	ng	99
41) Hexachlorocyclopentadiene	12.623	237	109599	51.084	ng	100
43) 2,4,6-Trichlorophenol	12.894	196	157553	46.977	ng	96

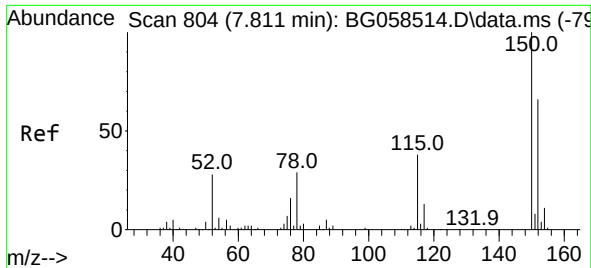
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	173825	44.003	ng	97
46) 1,1'-Biphenyl	13.293	154	484191	44.392	ng	99
47) 2-Chloronaphthalene	13.334	162	385690	45.352	ng	97
48) 2-Nitroaniline	13.546	65	152885	47.098	ng	97
49) Acenaphthylene	14.186	152	623098	43.762	ng	100
50) Dimethylphthalate	13.922	163	533561	44.731	ng	99
51) 2,6-Dinitrotoluene	14.045	165	117747	44.989	ng	98
52) Acenaphthene	14.527	154	366937	44.600	ng	97
53) 3-Nitroaniline	14.374	138	76478	29.207	ng	98
54) 2,4-Dinitrophenol	14.586	184	38511	31.145	ng	95
55) Dibenzofuran	14.862	168	617137	43.654	ng	99
56) 4-Nitrophenol	14.698	139	157905	81.324	ng	97
57) 2,4-Dinitrotoluene	14.833	165	162562	44.802	ng	95
58) Fluorene	15.508	166	491310	43.748	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	149774	44.432	ng	100
60) Diethylphthalate	15.279	149	523422	43.074	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	274288	43.808	ng	98
62) 4-Nitroaniline	15.544	138	114119	46.006	ng	95
63) Azobenzene	15.796	77	522926	43.690	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	45971	22.925	ng	98
66) n-Nitrosodiphenylamine	15.720	169	436101	46.073	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	187546	45.468	ng	99
68) Hexachlorobenzene	16.513	284	209678	47.972	ng	99
69) Atrazine	16.672	200	175063	54.788	ng	98
70) Pentachlorophenol	16.866	266	140437	53.083	ng	100
71) Phenanthrene	17.253	178	779101	45.173	ng	100
72) Anthracene	17.341	178	786600	44.449	ng	99
73) Carbazole	17.612	167	737914	47.286	ng	99
74) Di-n-butylphthalate	18.164	149	910899	46.601	ng	99
75) Fluoranthene	19.263	202	939055	45.327	ng	100
77) Benzidine	19.451	184	127432	27.087	ng	99
78) Pyrene	19.627	202	961266	45.528	ng	99
80) Butylbenzylphthalate	20.514	149	410436	47.325	ng	98
81) Benzo(a)anthracene	21.431	228	992786	46.499	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	239475	33.174	ng	100
83) Chrysene	21.495	228	917340	44.812	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	591687	46.686	ng	97
85) Di-n-octyl phthalate	22.488	149	1059431	47.547	ng	100
87) Indeno(1,2,3-cd)pyrene	28.023	276	1243012	48.540	ng	# 80
88) Benzo(b)fluoranthene	23.552	252	1061117	50.826	ng	100
89) Benzo(k)fluoranthene	23.616	252	1029993	49.109	ng	100
90) Benzo(a)pyrene	24.380	252	942610	45.974	ng	99
91) Dibenzo(a,h)anthracene	28.076	278	1020673	48.203	ng	98
92) Benzo(g,h,i)perylene	29.116	276	915927	43.138	ng	99

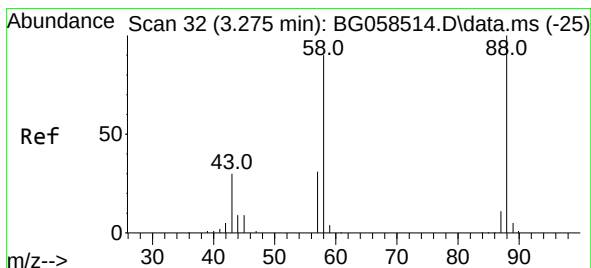
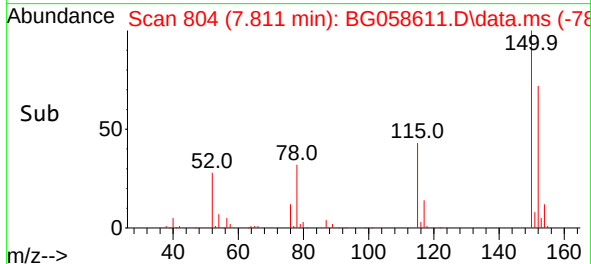
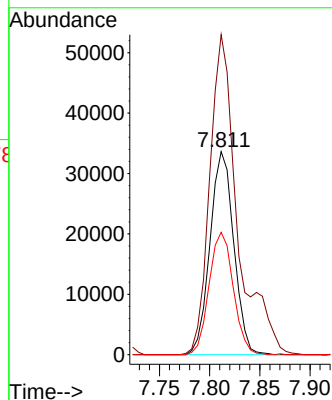
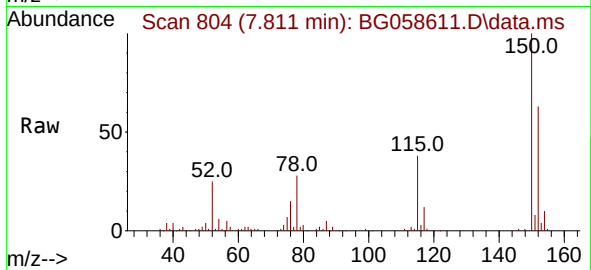
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058611.D
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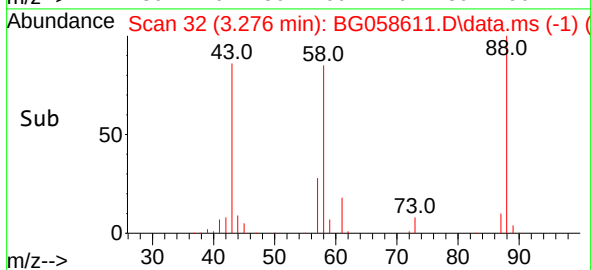
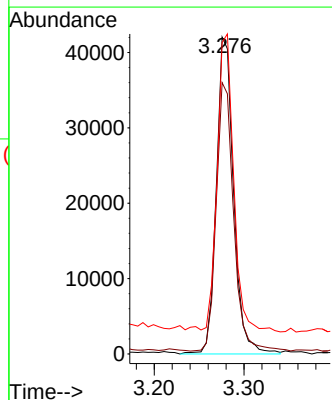
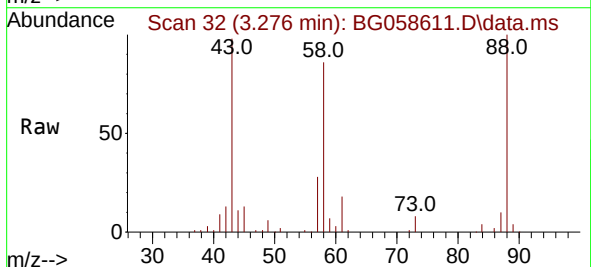
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

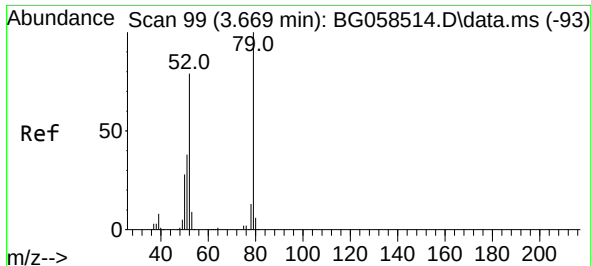
Tgt Ion:152 Resp: 55347
Ion Ratio Lower Upper
152 100
150 157.5 120.5 180.7
115 60.3 45.9 68.9



#2
1,4-Dioxane
Concen: 32.025 ng
RT: 3.276 min Scan# 32
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion: 88 Resp: 56193
Ion Ratio Lower Upper
88 100
58 85.2 68.9 103.3
43 90.3 22.9 34.3#



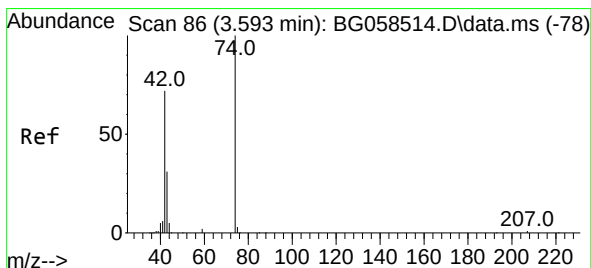
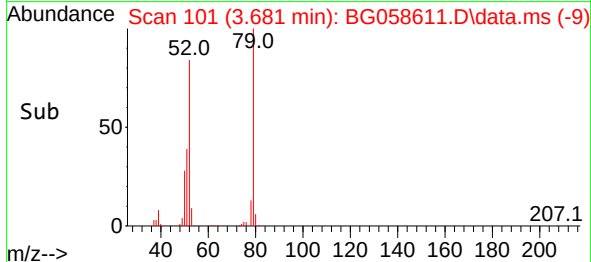
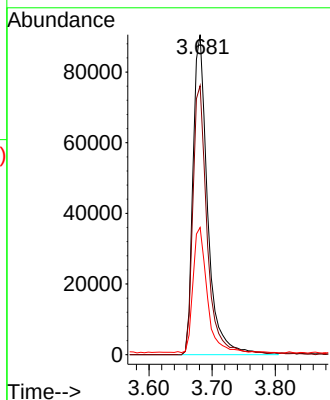
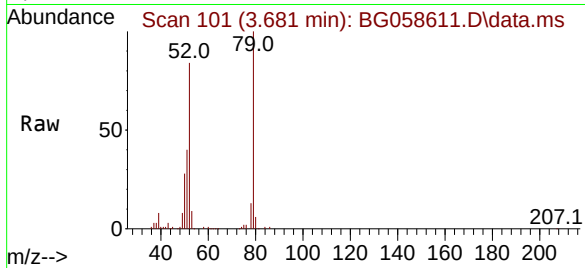


#3
 Pyridine
 Concen: 30.446 ng
 RT: 3.681 min Scan# 101
 Delta R.T. 0.012 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MS

Tgt Ion: 79 Resp: 145649

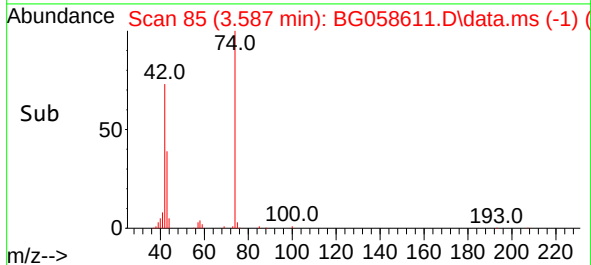
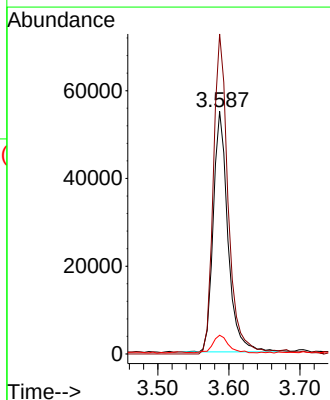
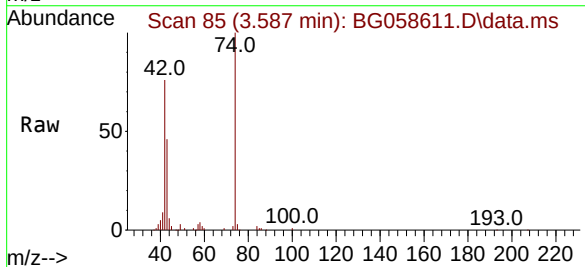
Ion	Ratio	Lower	Upper
79	100		
52	84.1	63.2	94.8
51	39.7	31.9	47.9

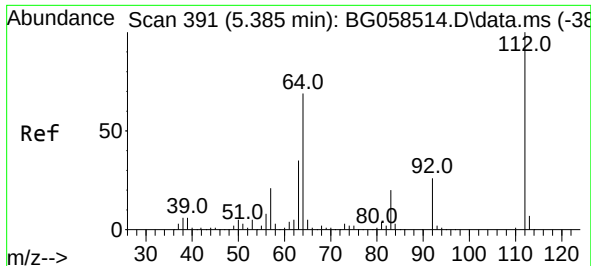


#4
 n-Nitrosodimethylamine
 Concen: 38.873 ng
 RT: 3.587 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Tgt Ion: 42 Resp: 78793

Ion	Ratio	Lower	Upper
42	100		
74	132.0	111.5	167.3
44	7.7	5.4	8.2

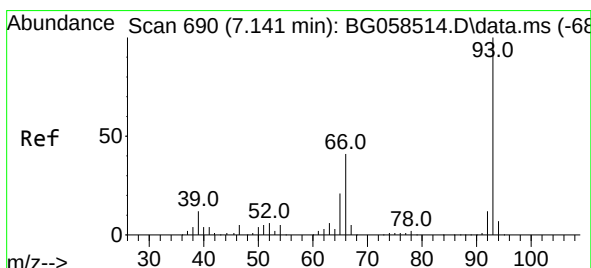
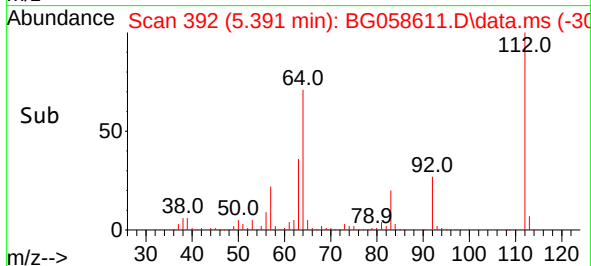
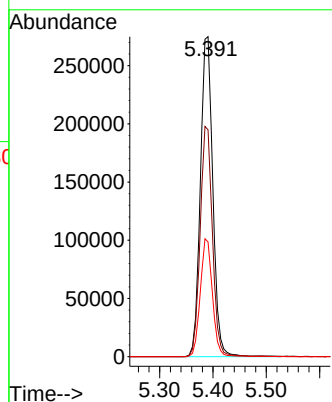
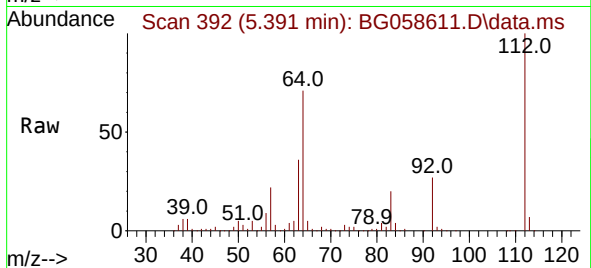




#5
2-Fluorophenol
Concen: 123.002 ng
RT: 5.391 min Scan# 391
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

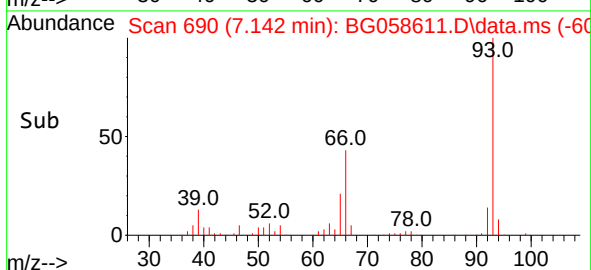
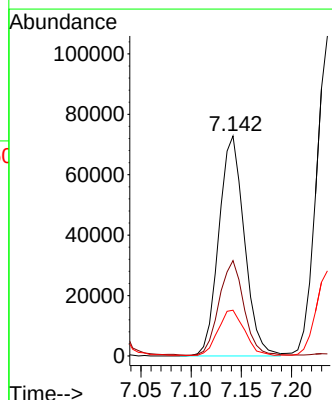
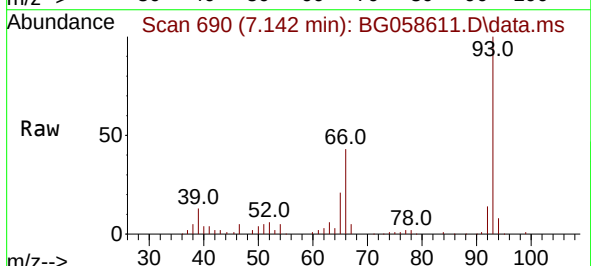
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ClientSampleId :
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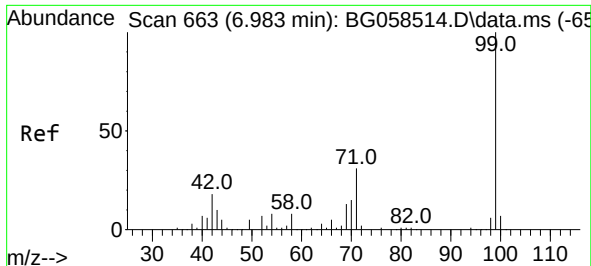
Tgt Ion:112 Resp: 445403
Ion Ratio Lower Upper
112 100
64 70.9 55.3 82.9
63 35.8 28.3 42.5



#6
Aniline
Concen: 20.730 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion: 93 Resp: 128603
Ion Ratio Lower Upper
93 100
66 43.3 33.1 49.7
65 20.8 17.0 25.4

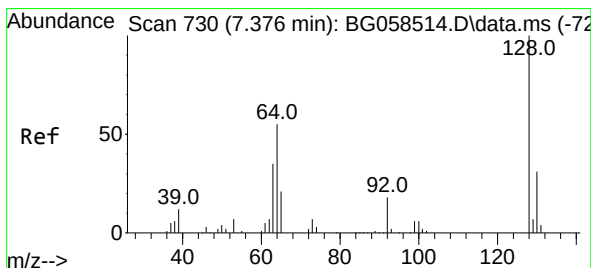
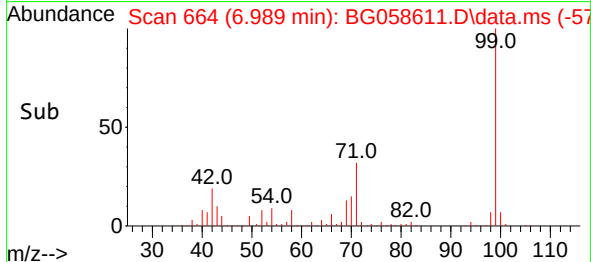
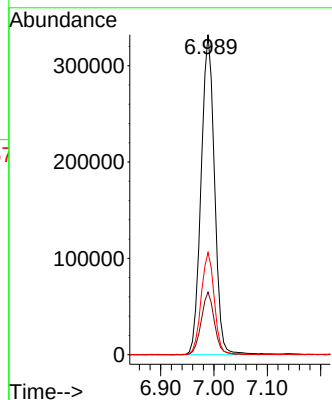
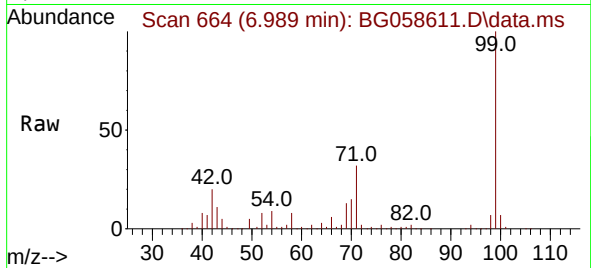




#7
Phenol-d6
Concen: 115.181 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

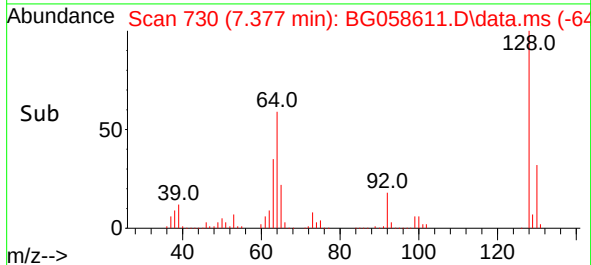
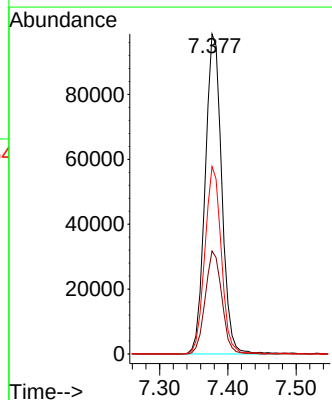
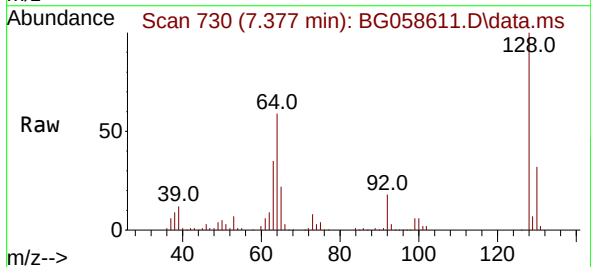
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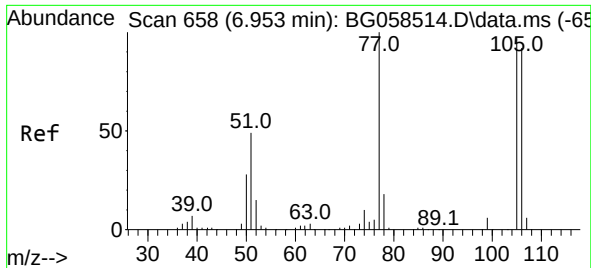
Tgt Ion: 99 Resp: 580362
Ion Ratio Lower Upper
99 100
42 19.6 14.6 21.8
71 32.0 25.0 37.4



#8
2-Chlorophenol
Concen: 46.879 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion: 128 Resp: 166533
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 58.6 39.0 79.0

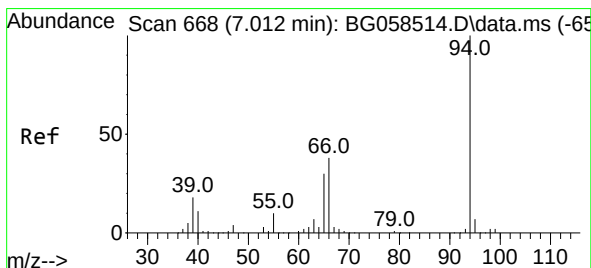
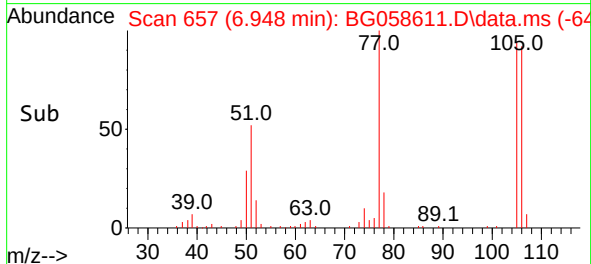
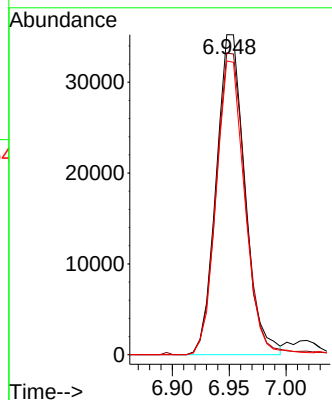
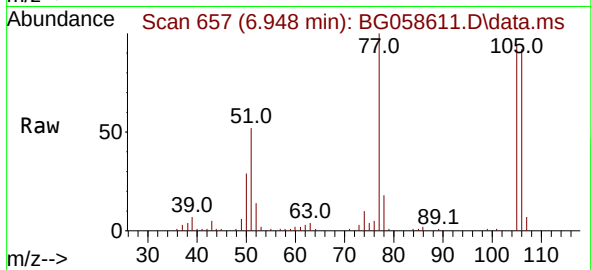




#9
Benzaldehyde
Concen: 22.595 ng
RT: 6.948 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

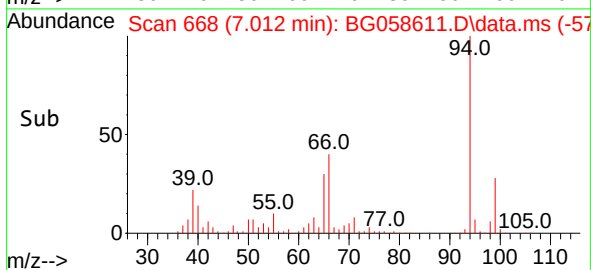
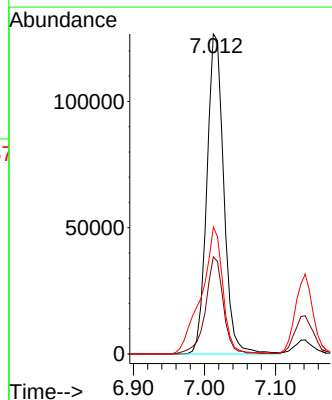
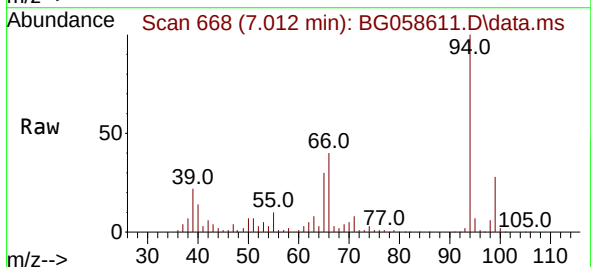
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BNA_G
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RBR200018MS

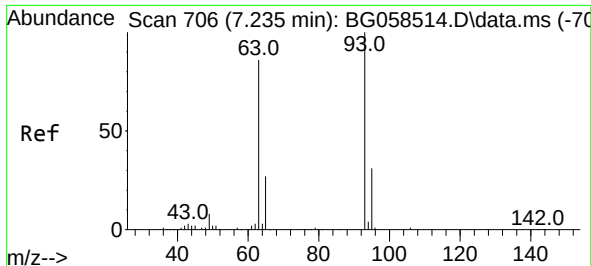
Tgt Ion: 77	Resp: 61855		
Ion Ratio	Lower	Upper	
77 100			
105 94.2	77.1	117.1	
106 91.8	71.6	111.6	



#10
Phenol
Concen: 42.701 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion: 94	Resp: 210174
Ion Ratio	Lower Upper
94 100	
65 30.4	10.4 50.4
66 39.6	18.7 58.7

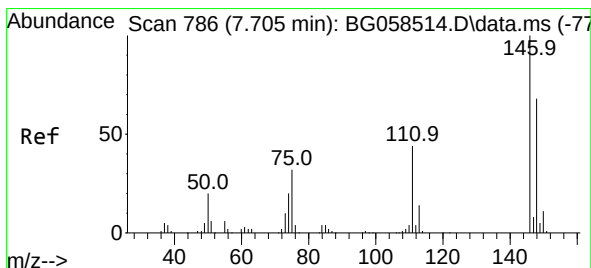
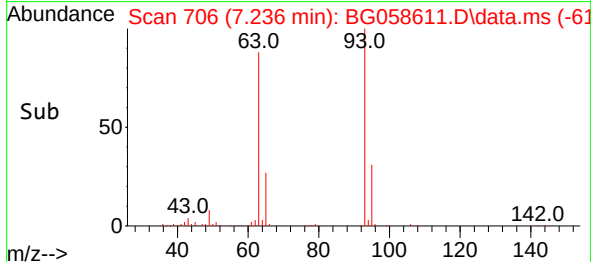
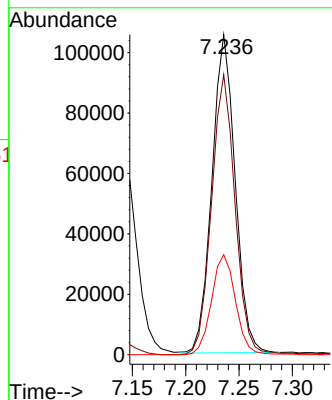
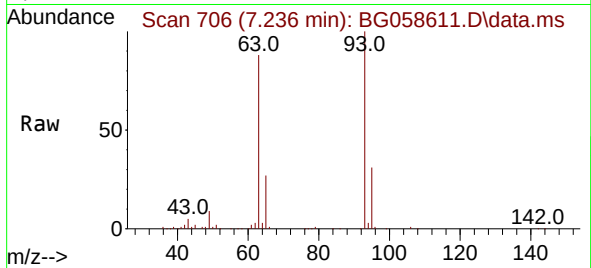




#11
bis(2-Chloroethyl)ether
Concen: 41.033 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

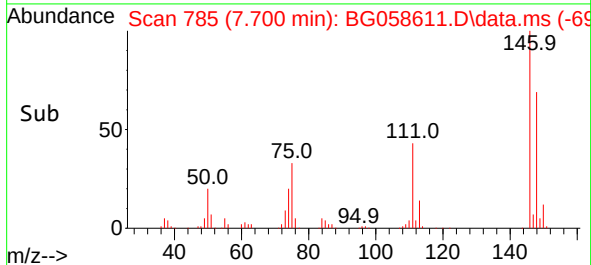
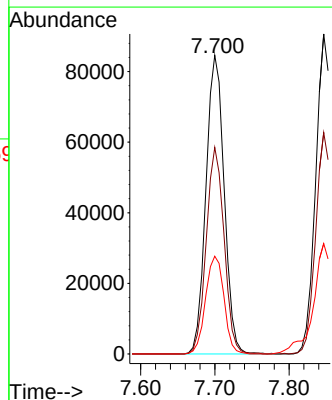
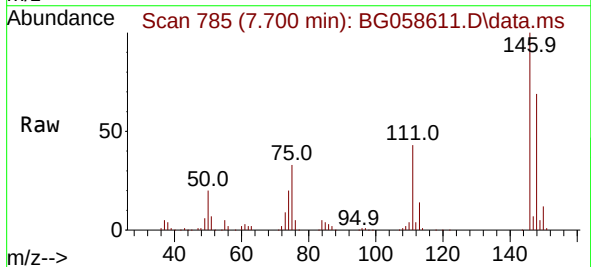
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

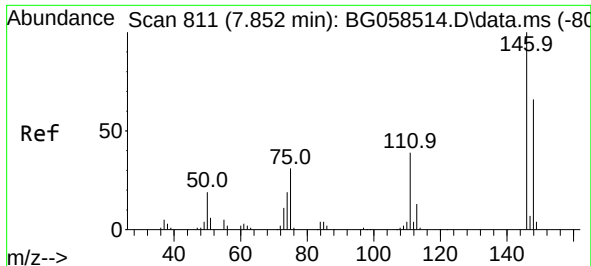
Tgt Ion: 93 Resp: 159222
Ion Ratio Lower Upper
93 100
63 87.5 65.5 105.5
95 31.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.065 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:146 Resp: 144392
Ion Ratio Lower Upper
146 100
148 69.1 54.7 82.1
75 32.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 38.727 ng

RT: 7.847 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

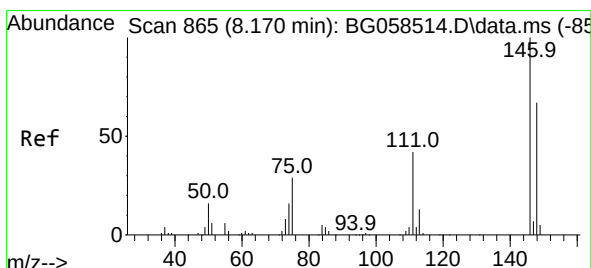
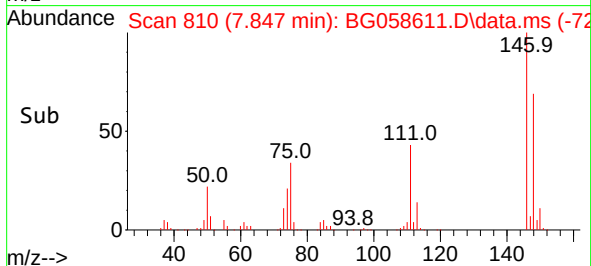
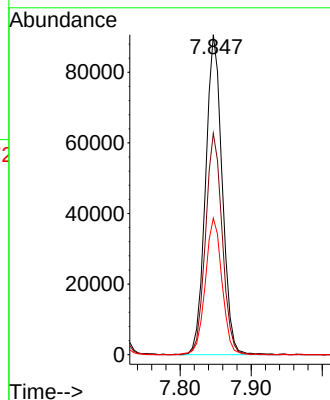
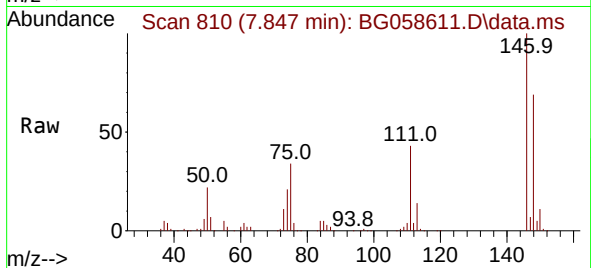
Tgt Ion:146 Resp: 147503

Ion Ratio Lower Upper

146 100

148 69.2 52.8 79.2

111 42.6 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 40.771 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

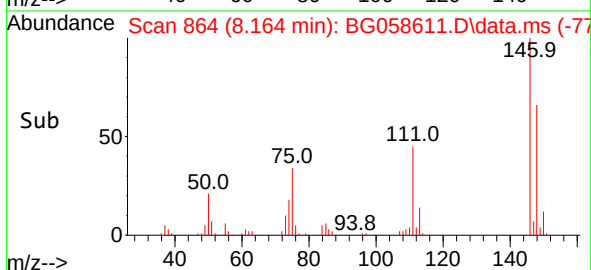
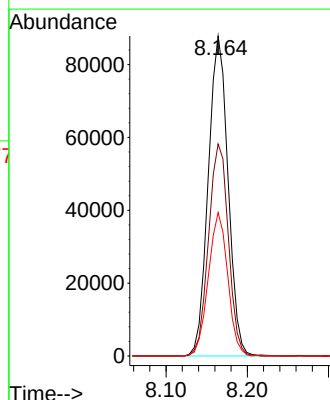
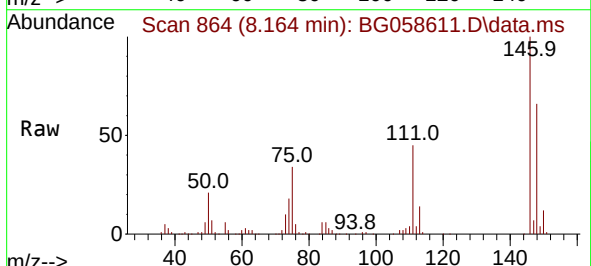
Tgt Ion:146 Resp: 148468

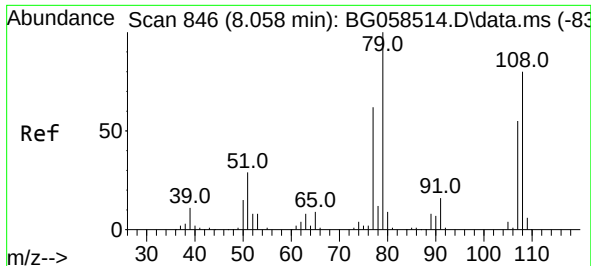
Ion Ratio Lower Upper

146 100

148 66.2 53.4 80.2

111 44.8 34.2 51.2

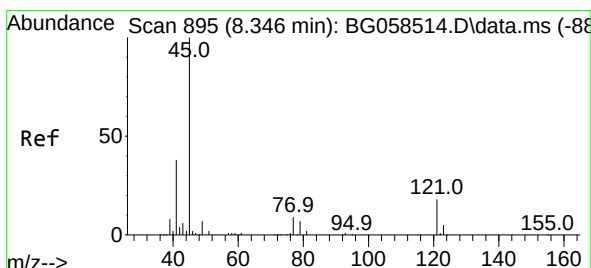
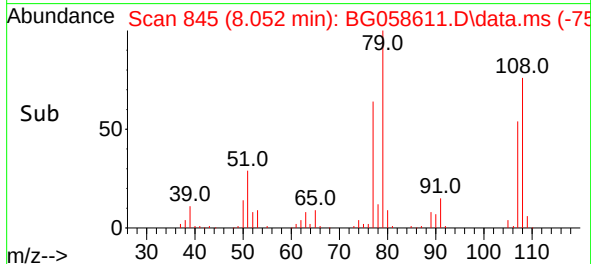
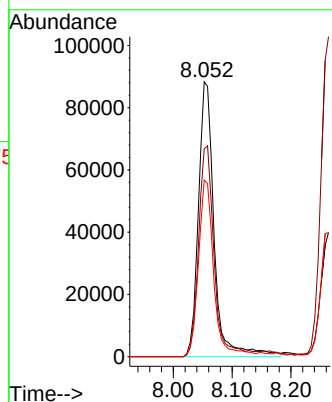
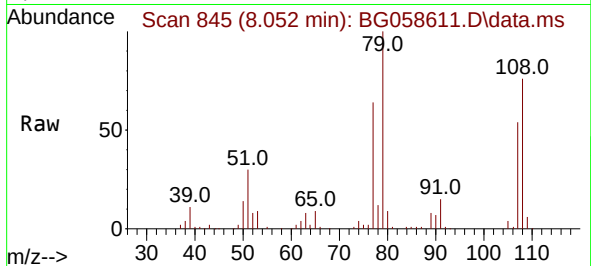




#15
Benzyl Alcohol
Concen: 51.351 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

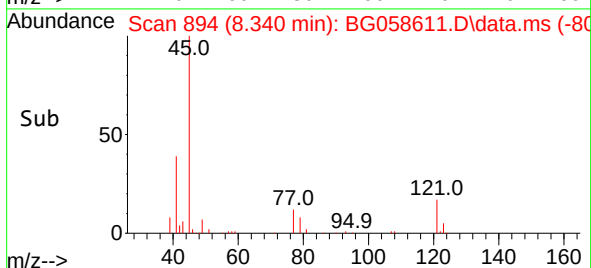
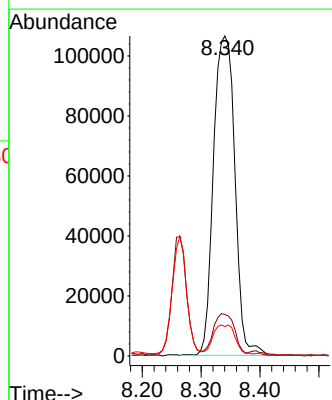
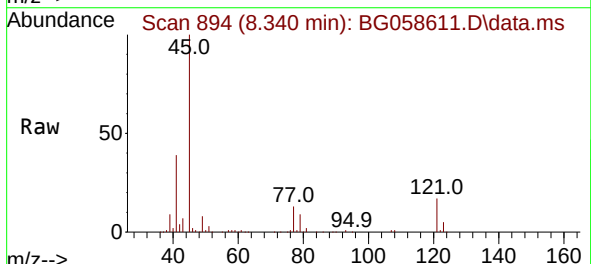
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

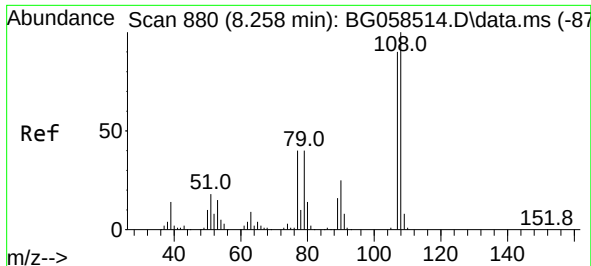
Tgt Ion:	79	Resp:	164088
Ion Ratio	Lower	Upper	
79	100		
108	75.6	63.8	95.6
77	64.3	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.645 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:	45	Resp:	268800
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.6
79	9.2	0.0	30.2

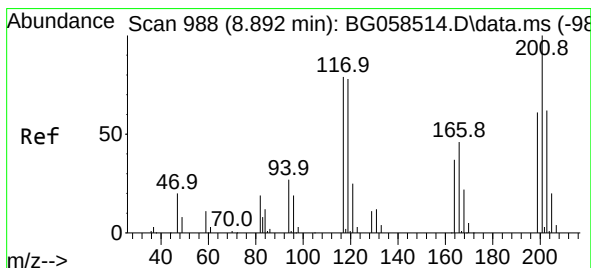
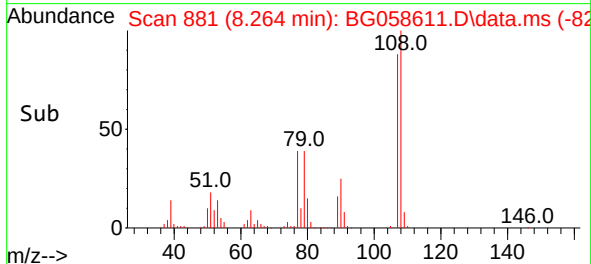
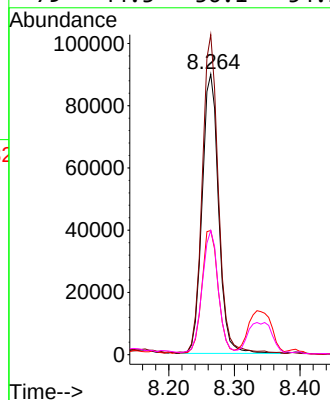
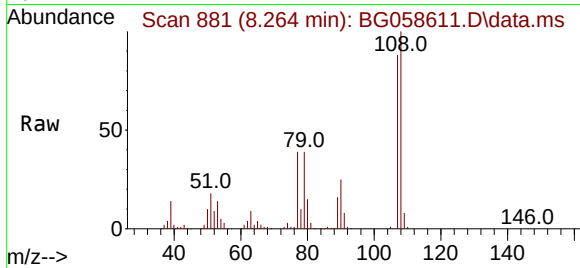




#17
2-Methylphenol
Concen: 43.498 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

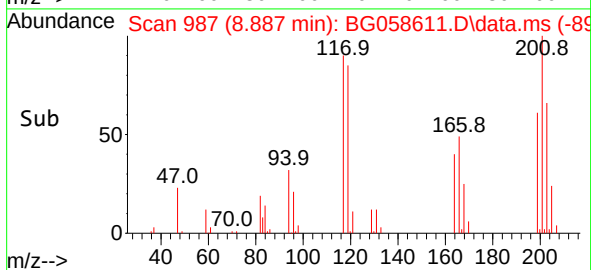
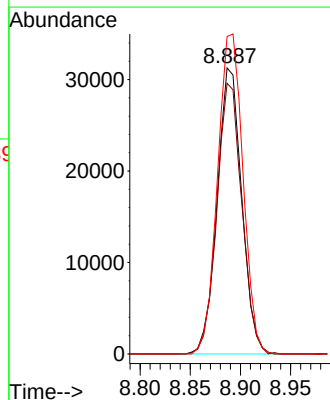
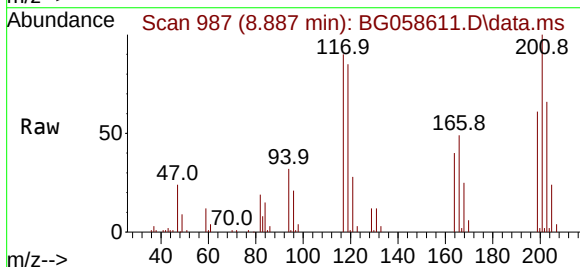
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

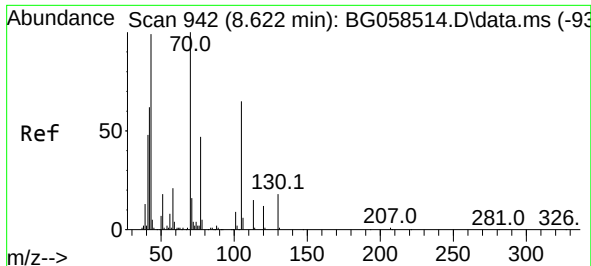
Tgt Ion:107 Resp: 156544
Ion Ratio Lower Upper
107 100
108 114.1 89.1 133.7
77 44.2 36.2 54.4
79 44.3 36.1 54.1



#18
Hexachloroethane
Concen: 38.397 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:117 Resp: 53156
Ion Ratio Lower Upper
117 100
119 94.6 78.6 117.8
201 111.0 101.4 152.0

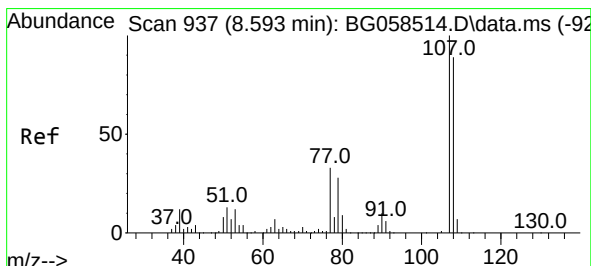
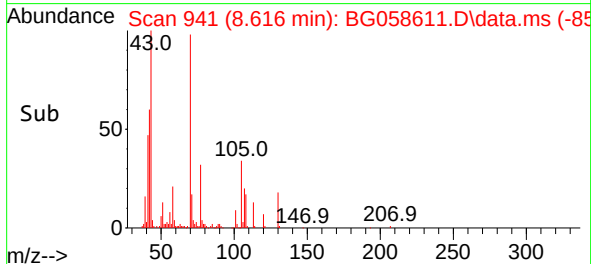
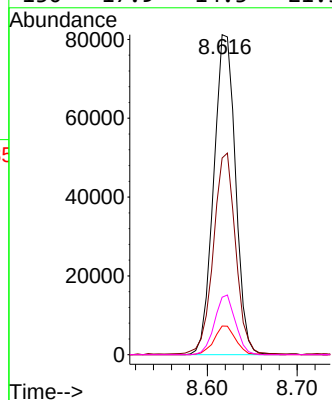
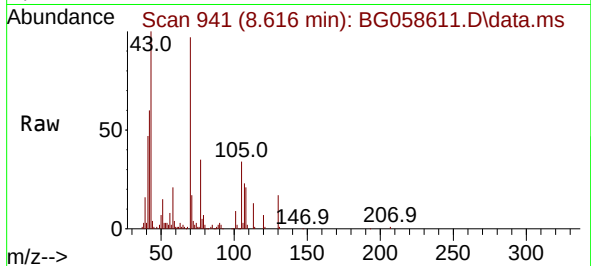




#19
n-Nitroso-di-n-propylamine
Concen: 42.147 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

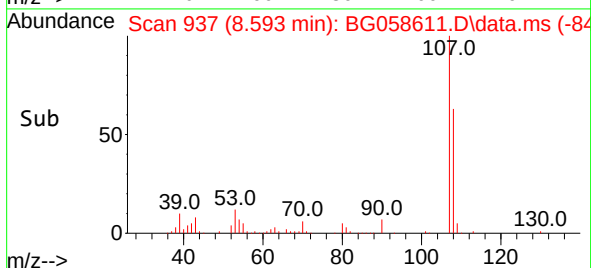
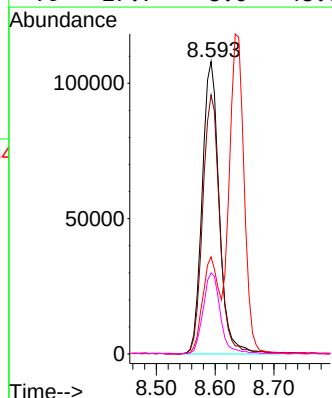
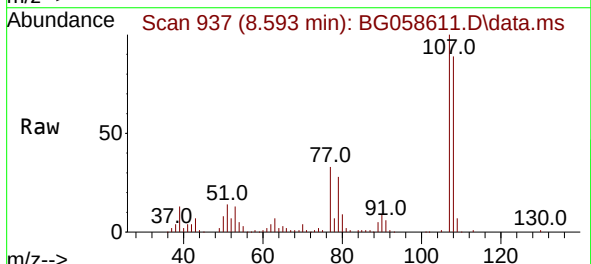
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

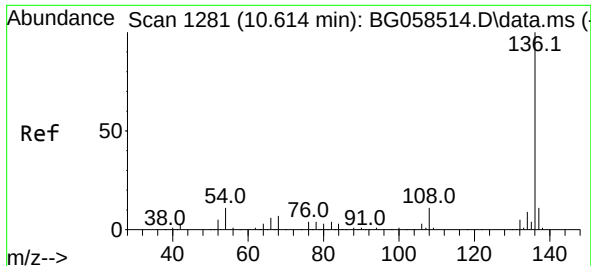
Tgt Ion: 70 Resp: 137174
Ion Ratio Lower Upper
70 100
42 61.5 49.7 74.5
101 9.0 7.0 10.4
130 17.9 14.3 21.5



#20
3+4-Methylphenols
Concen: 44.808 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

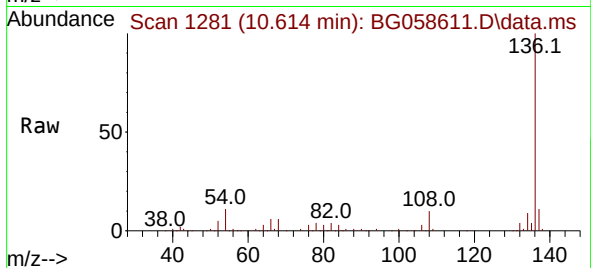
Tgt Ion: 107 Resp: 218126
Ion Ratio Lower Upper
107 100
108 88.6 69.4 109.4
77 33.2 13.0 53.0
79 27.7 8.0 48.0



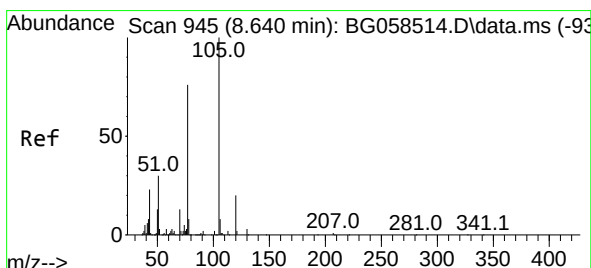
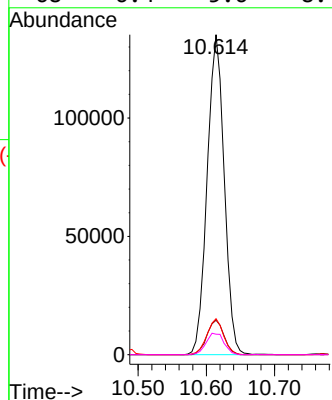


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Instrument :
BNA_G
ClientSampleId :
RBR200018MS

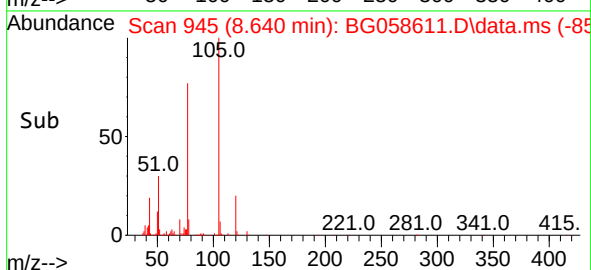
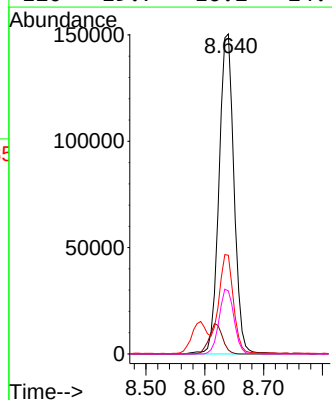
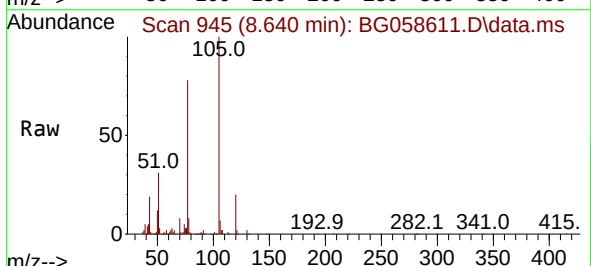


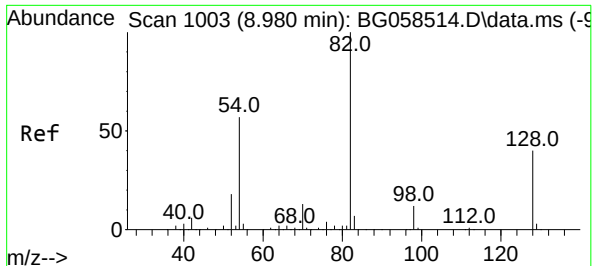
Tgt Ion:	136	Resp:	235295
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	11.3	8.9	13.3
68	6.4	5.6	8.4



#22
Acetophenone
Concen: 42.178 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:	105	Resp:	265731
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.8	2.6
51	30.8	24.2	36.2
120	19.7	16.2	24.4

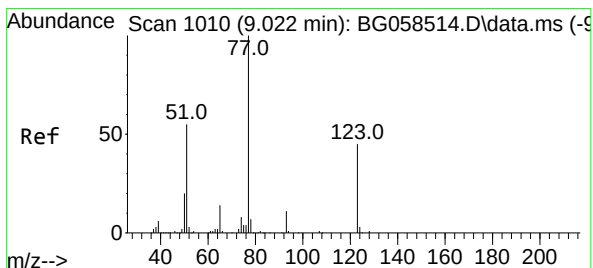
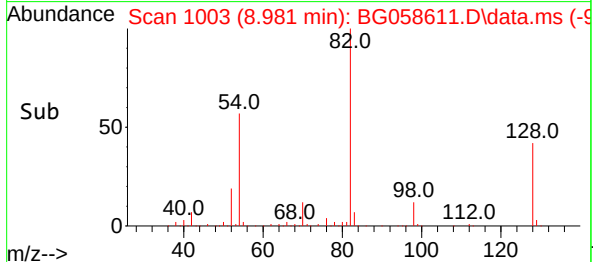
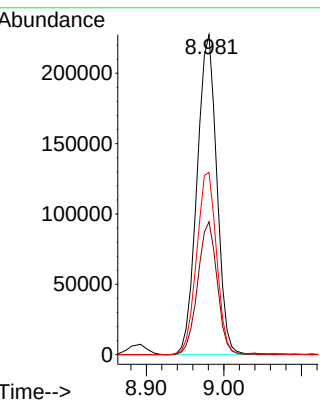
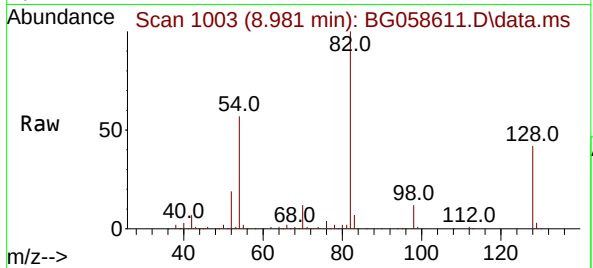




#23
 Nitrobenzene-d5
 Concen: 84.232 ng
 RT: 8.981 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

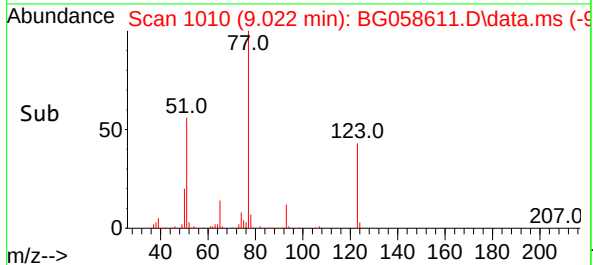
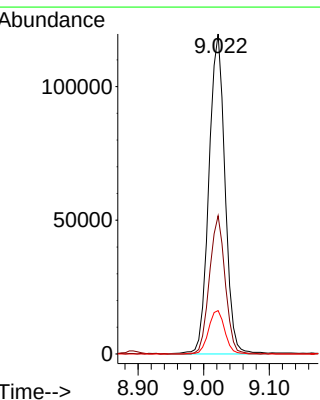
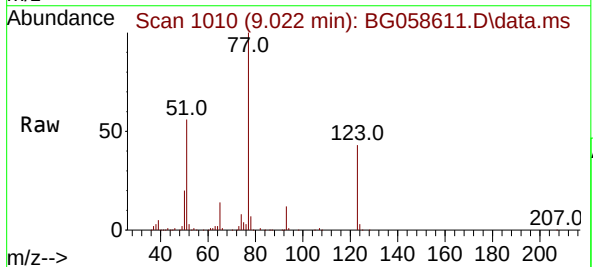
Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MS

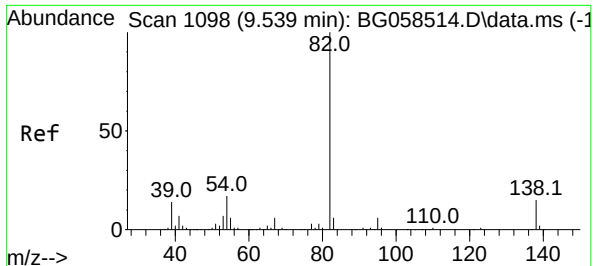
Tgt Ion: 82 Resp: 403447
 Ion Ratio Lower Upper
 82 100
 128 41.5 32.2 48.2
 54 56.9 46.0 69.0



#24
 Nitrobenzene
 Concen: 41.654 ng
 RT: 9.022 min Scan# 1010
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Tgt Ion: 77 Resp: 202826
 Ion Ratio Lower Upper
 77 100
 123 43.2 35.6 53.4
 65 13.6 11.4 17.0

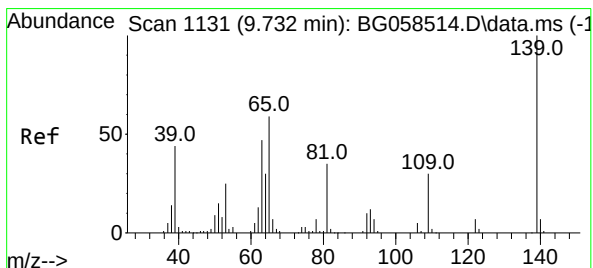
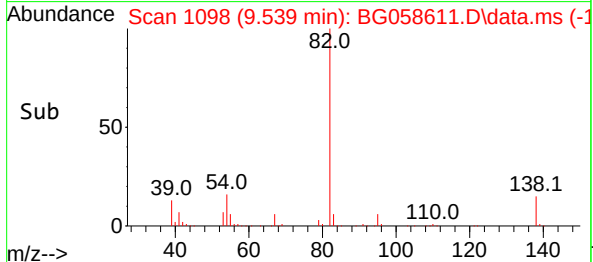
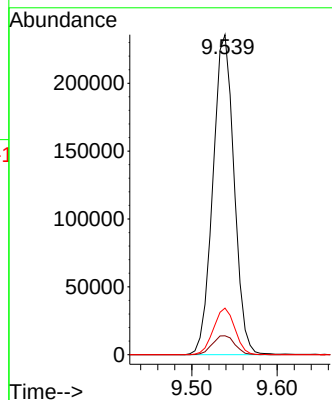
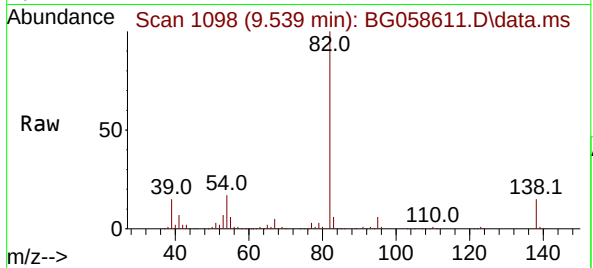




#25
Isophorone
Concen: 41.017 ng
RT: 9.539 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

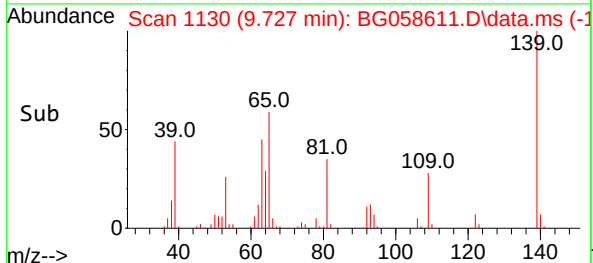
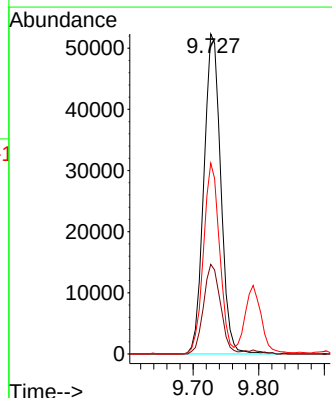
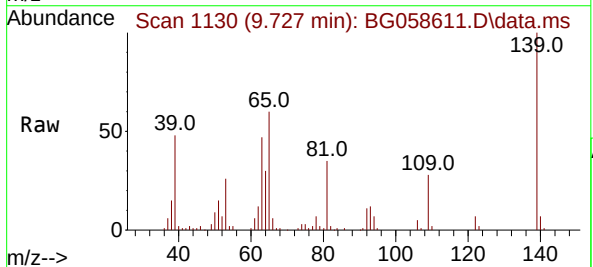
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

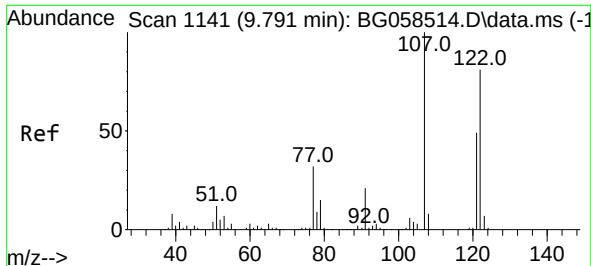
Tgt Ion: 82 Resp: 405916
Ion Ratio Lower Upper
82 100
95 5.9 5.1 7.7
138 14.6 11.9 17.9



#26
2-Nitrophenol
Concen: 44.269 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:139 Resp: 93833
Ion Ratio Lower Upper
139 100
109 28.0 24.2 36.2
65 59.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.832 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

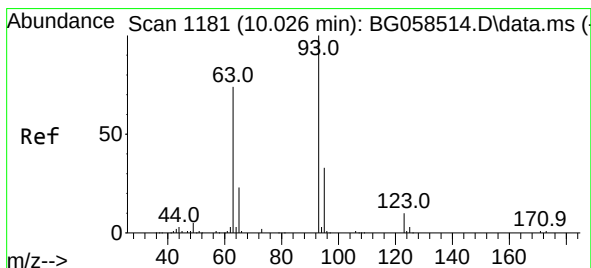
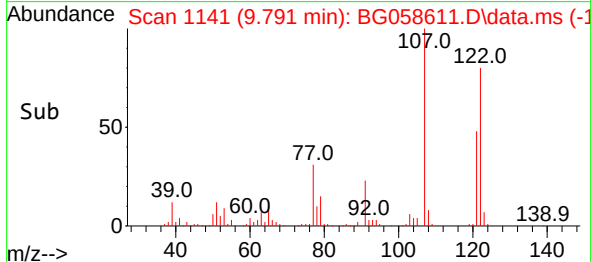
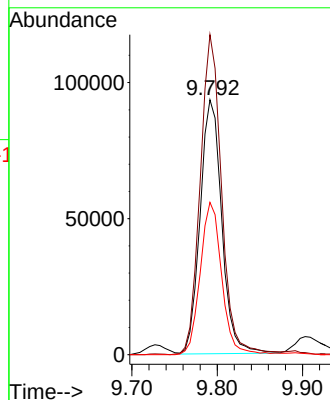
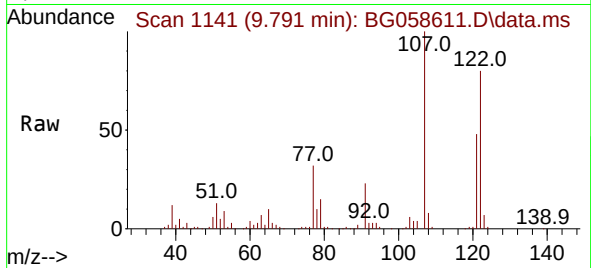
Tgt Ion:122 Resp: 164657

Ion Ratio Lower Upper

122 100

107 125.5 98.0 147.0

121 59.8 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.779 ng

RT: 10.021 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

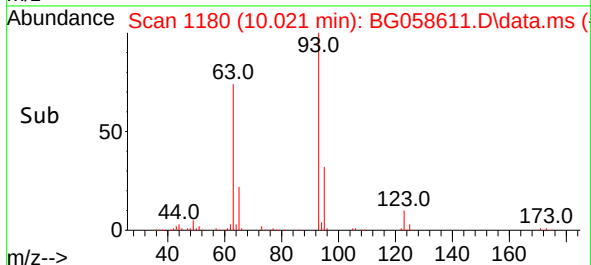
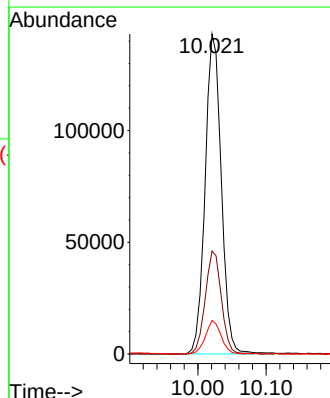
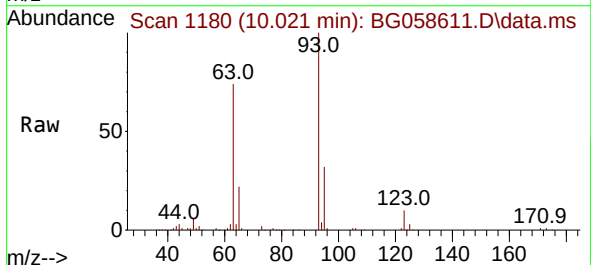
Tgt Ion: 93 Resp: 235777

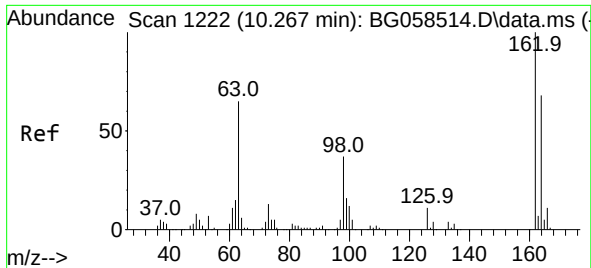
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 10.5 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 47.091 ng

RT: 10.267 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

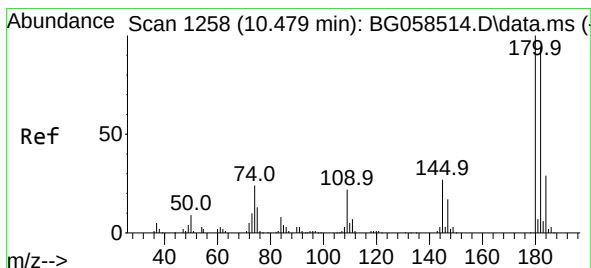
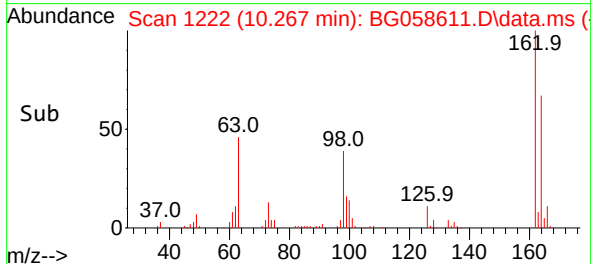
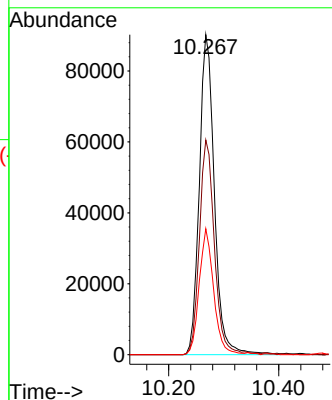
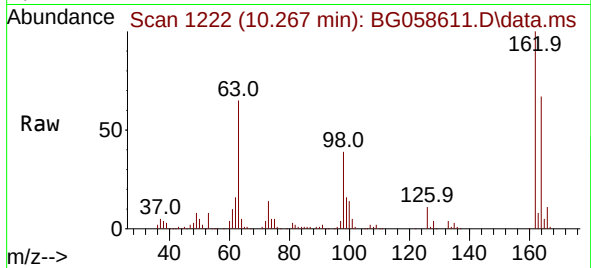
Tgt Ion:162 Resp: 171908

Ion Ratio Lower Upper

162 100

164 67.1 47.6 87.6

98 39.4 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 41.761 ng

RT: 10.479 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

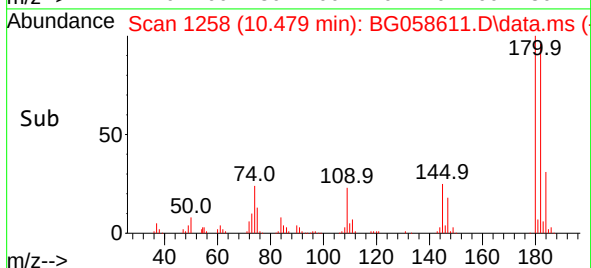
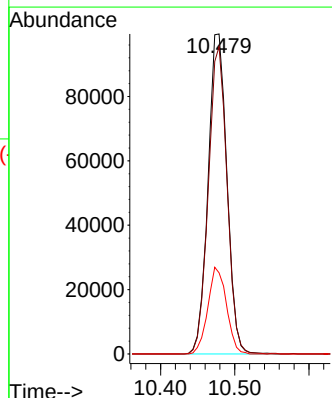
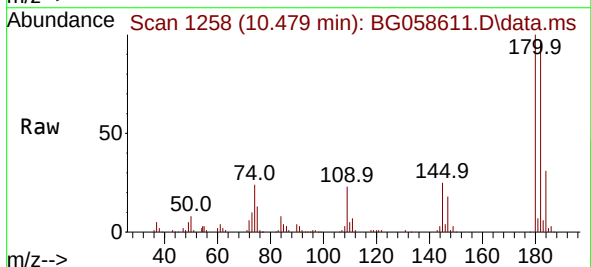
Tgt Ion:180 Resp: 175811

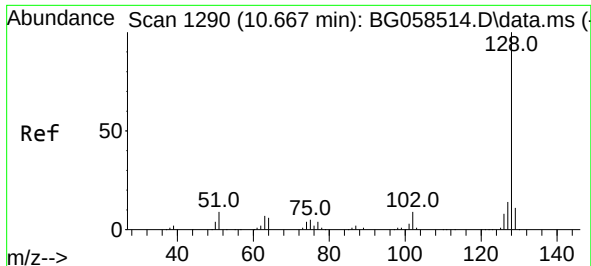
Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.4

145 25.4 21.9 32.9

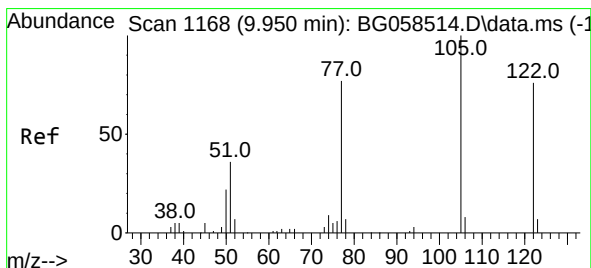
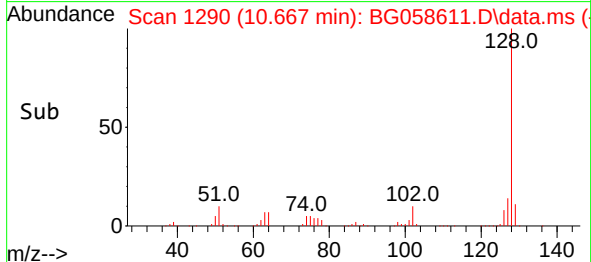
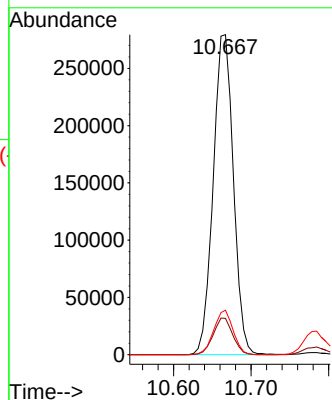
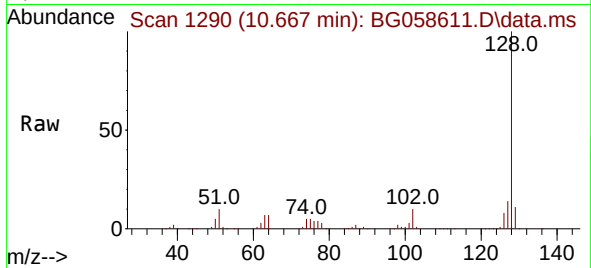




#31
Naphthalene
Concen: 40.796 ng
RT: 10.667 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

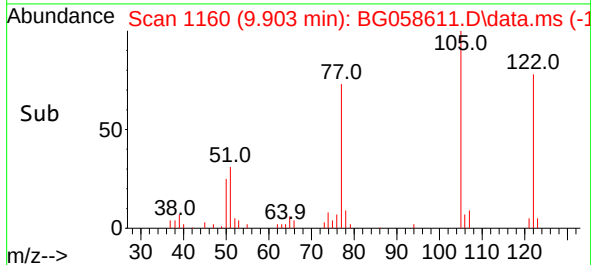
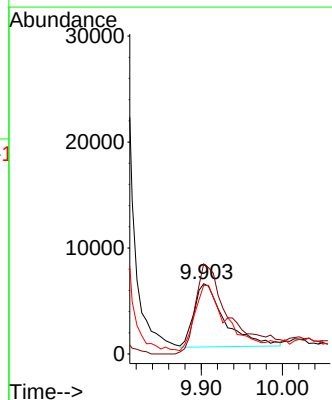
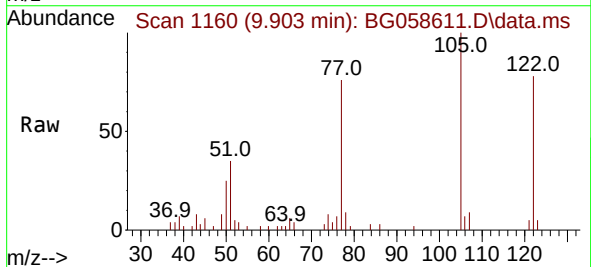
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

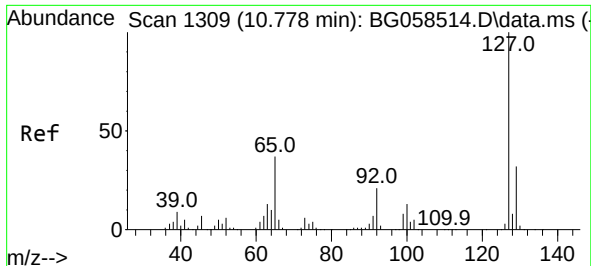
Tgt Ion:128 Resp: 505927
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 9.863 ng
RT: 9.903 min Scan# 1160
Delta R.T. -0.047 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:122 Resp: 15722
Ion Ratio Lower Upper
122 100
105 128.2 106.5 146.5
77 97.6 78.1 118.1

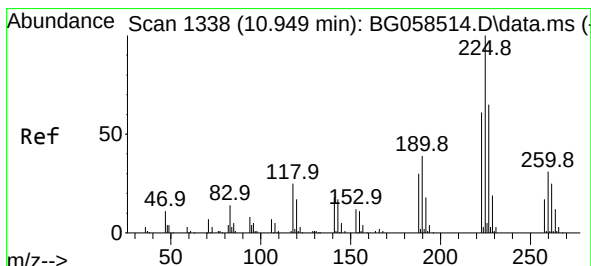
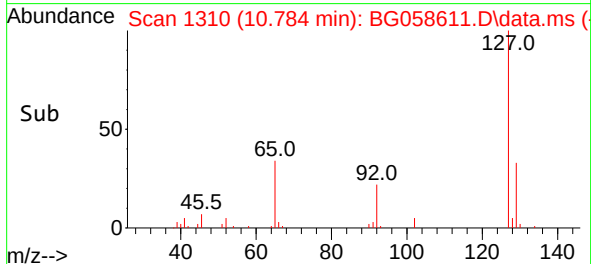
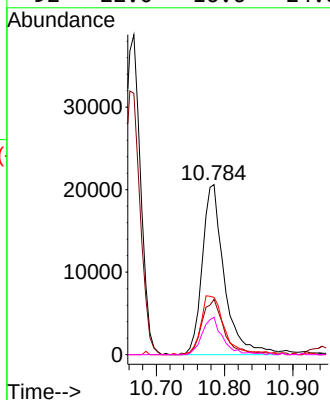
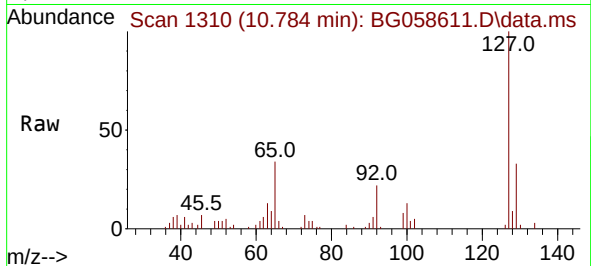




#33
4-Chloroaniline
Concen: 8.842 ng
RT: 10.784 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

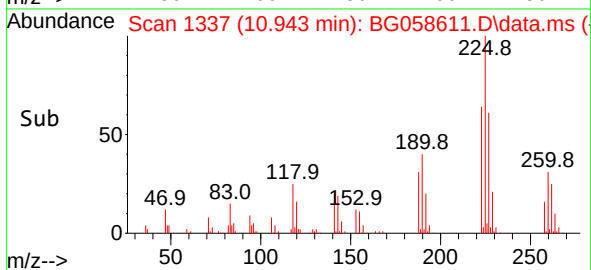
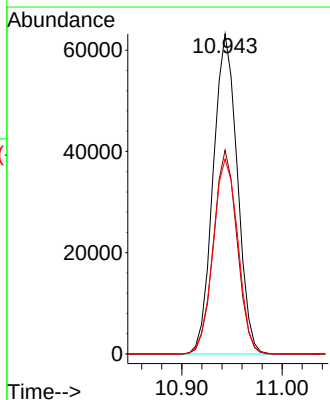
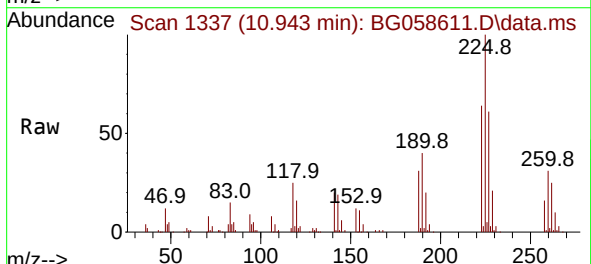
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

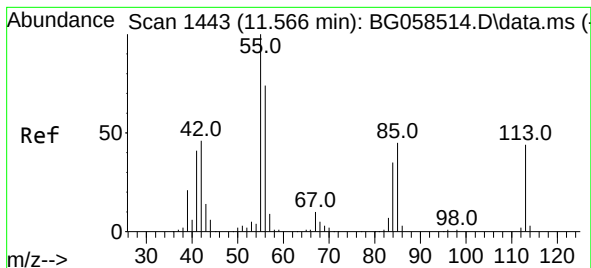
Tgt Ion:127	Resp:	46329
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.4 38.2
65	33.7	29.5 44.3
92	22.0	16.6 24.8



#34
Hexachlorobutadiene
Concen: 38.824 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:225	Resp:	105260
Ion Ratio	Lower	Upper
225	100	
223	63.7	49.0 73.6
227	60.9	51.7 77.5

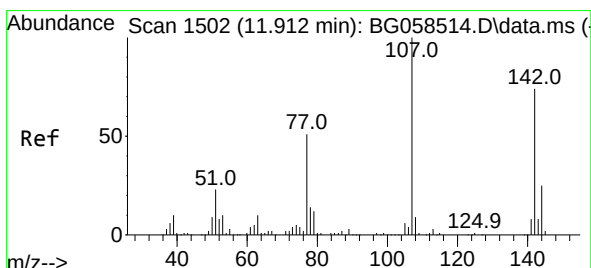
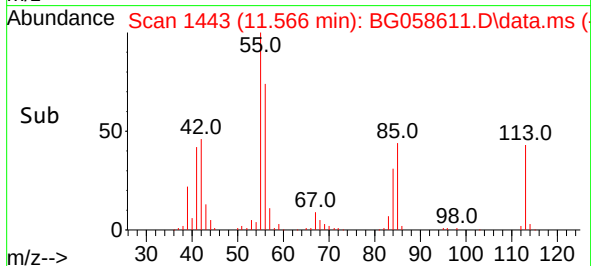
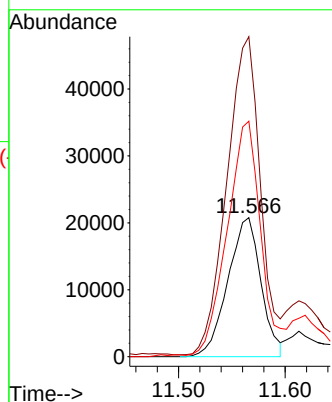
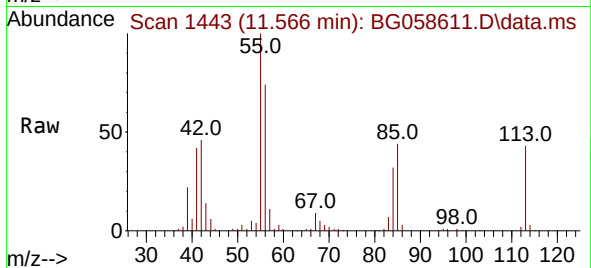




#35
 Caprolactam
 Concen: 33.204 ng
 RT: 11.566 min Scan# 1443
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

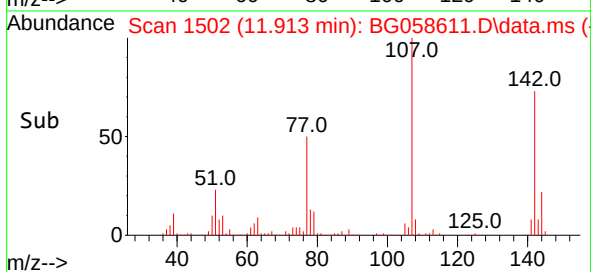
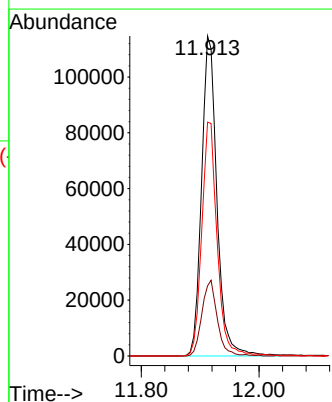
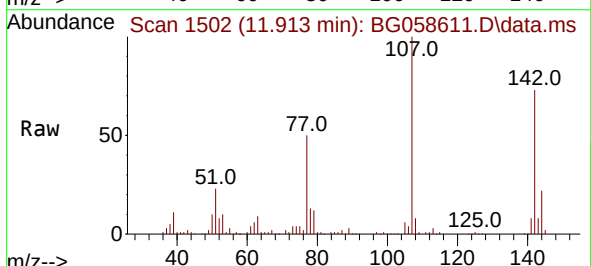
Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MS

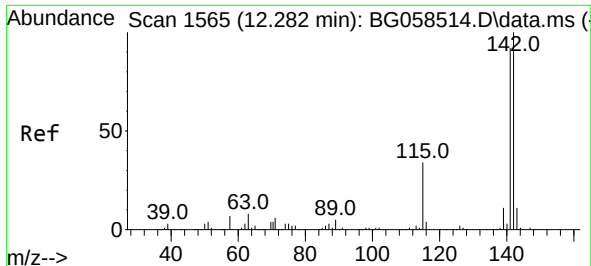
Tgt Ion:113 Resp: 44761
 Ion Ratio Lower Upper
 113 100
 55 230.2 208.0 248.0
 56 169.5 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.111 ng
 RT: 11.913 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Tgt Ion:107 Resp: 208228
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.6 29.4
 142 73.1 59.3 88.9

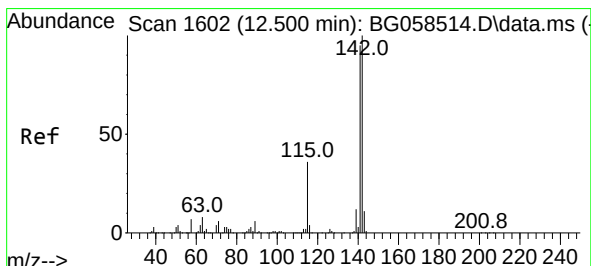
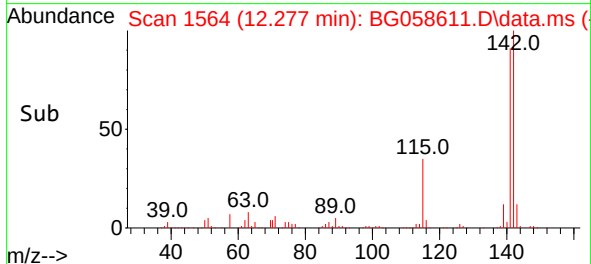
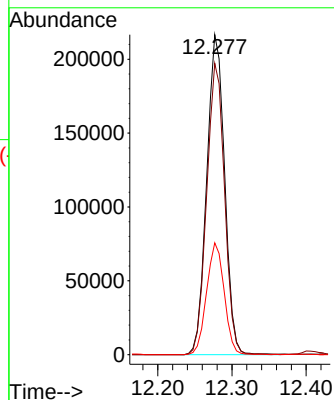
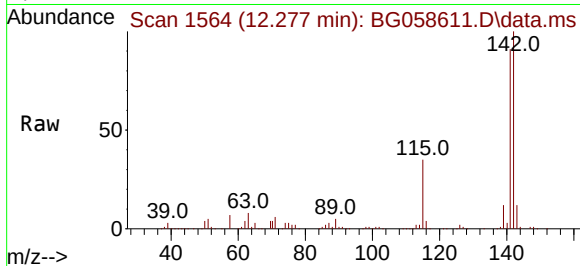




#37
2-Methylnaphthalene
Concen: 40.923 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

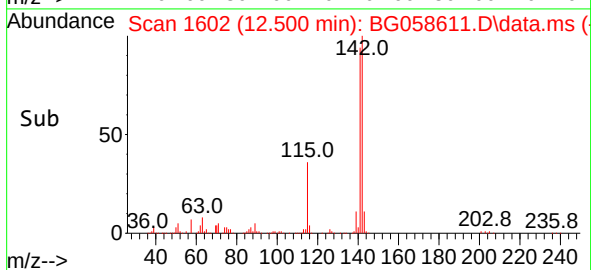
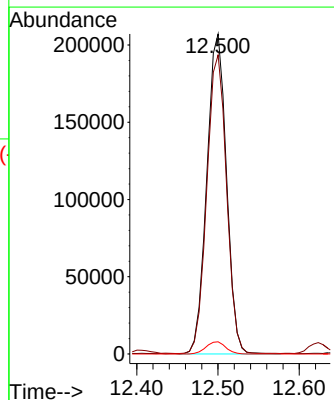
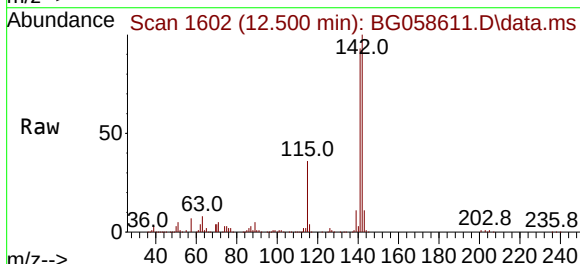
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

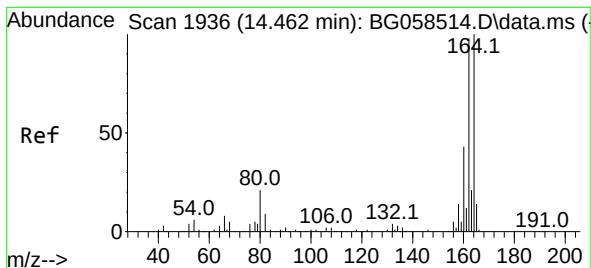
Tgt Ion:142 Resp: 363028
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3
115 34.9 27.4 41.0



#38
1-Methylnaphthalene
Concen: 41.264 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:142 Resp: 347957
Ion Ratio Lower Upper
142 100
141 93.5 75.7 113.5
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

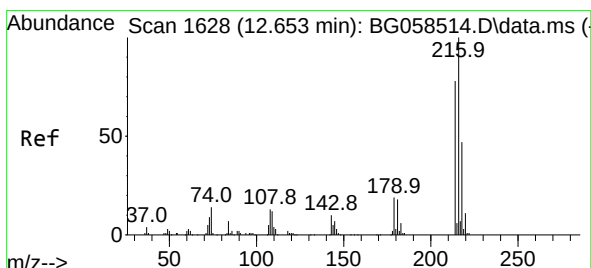
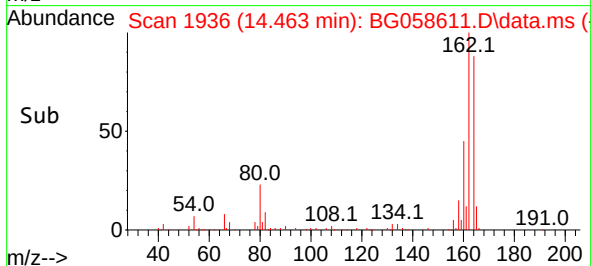
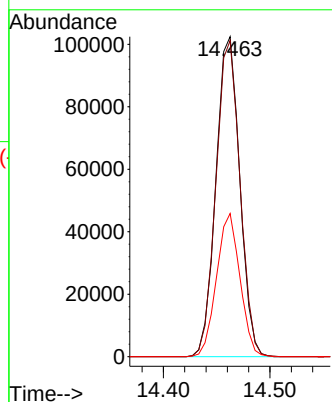
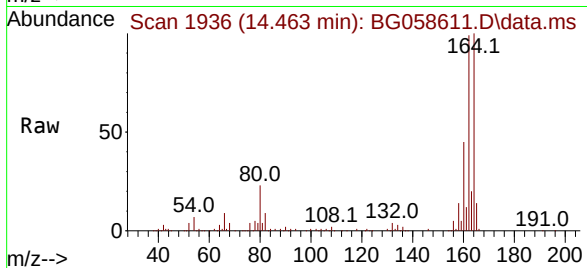
Tgt Ion:164 Resp: 158824

Ion Ratio Lower Upper

164 100

162 98.8 78.3 117.5

160 44.7 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.686 ng

RT: 12.647 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Tgt Ion:216 Resp: 213013

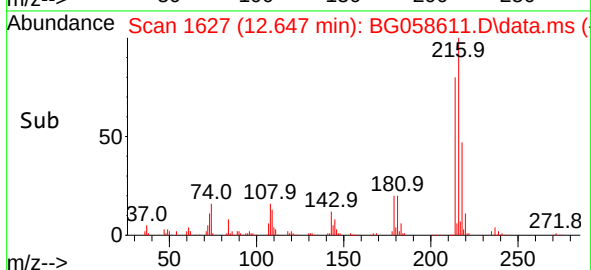
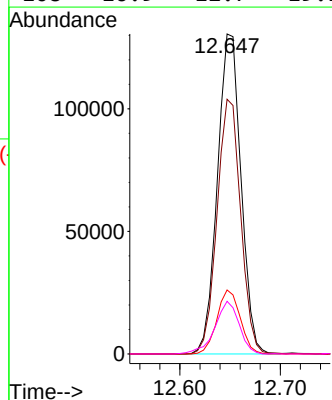
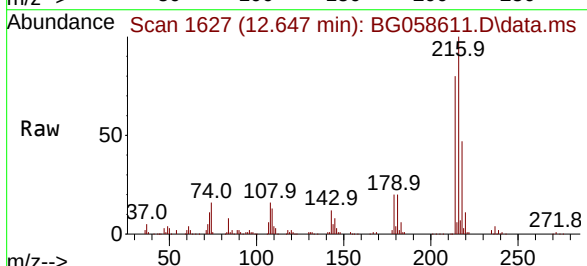
Ion Ratio Lower Upper

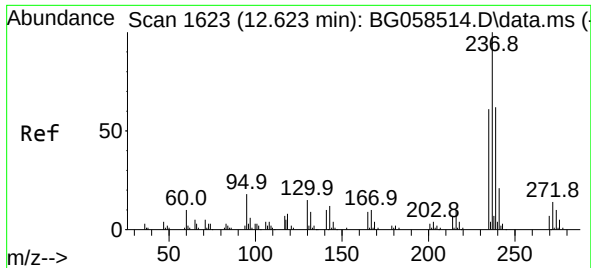
216 100

214 79.6 63.1 94.7

179 19.7 15.6 23.4

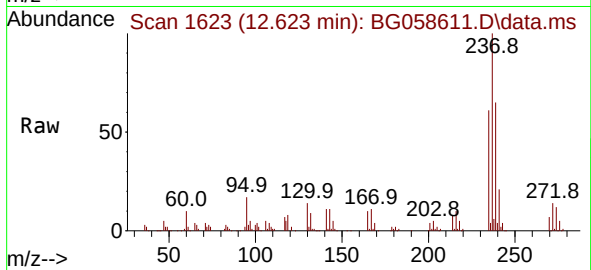
108 16.9 12.7 19.1



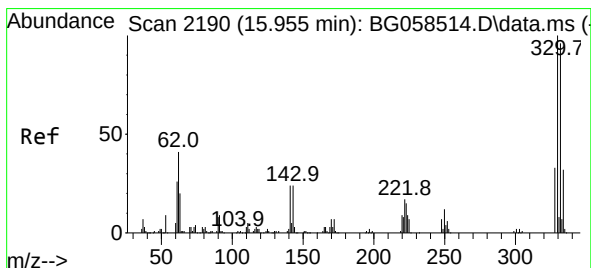
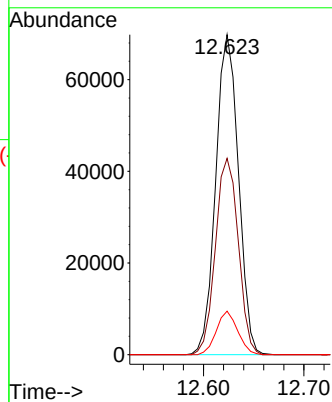
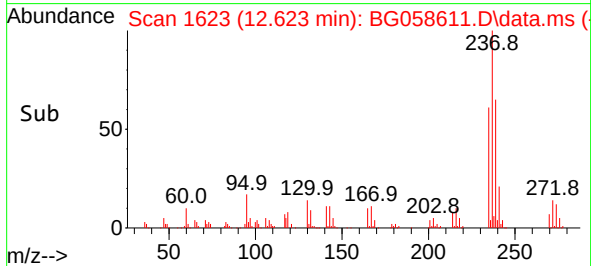


#41
Hexachlorocyclopentadiene
Concen: 51.084 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

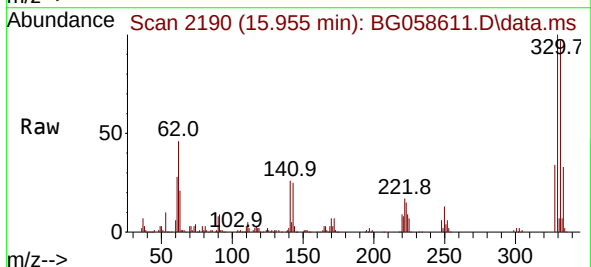
Instrument :
BNA_G
ClientSampleId :
RBR200018MS



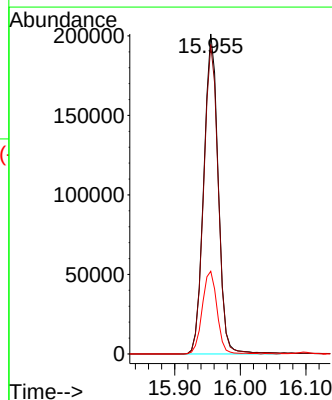
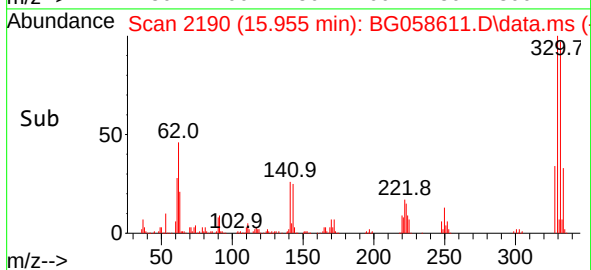
Tgt Ion:237 Resp: 109599
Ion Ratio Lower Upper
237 100
235 61.4 41.0 81.0
272 13.6 0.0 33.6

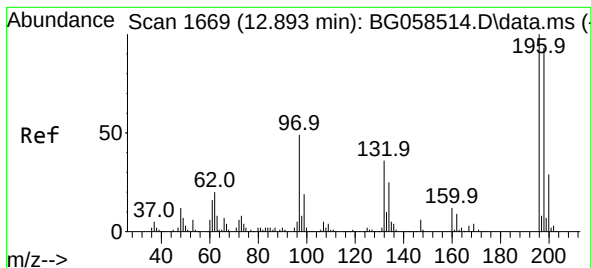


#42
2,4,6-Tribromophenol
Concen: 118.847 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48



Tgt Ion:330 Resp: 309386
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 26.4 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 46.977 ng

RT: 12.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

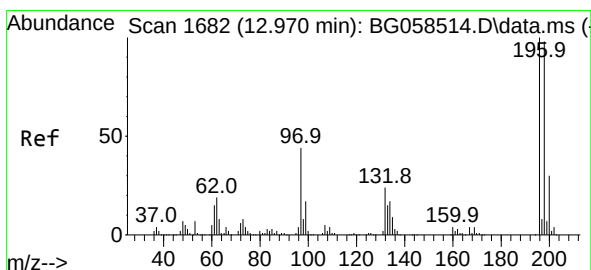
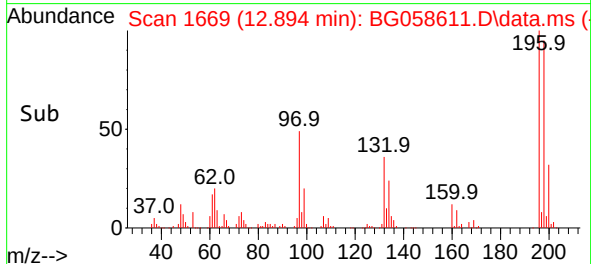
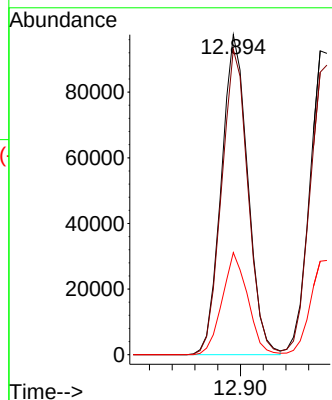
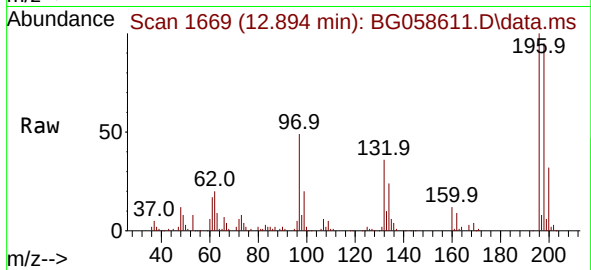
Tgt Ion:196 Resp: 157553

Ion Ratio Lower Upper

196 100

198 95.4 74.2 111.4

200 31.9 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 44.003 ng

RT: 12.970 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Tgt Ion:196 Resp: 173825

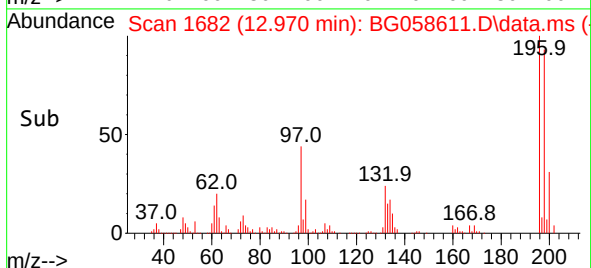
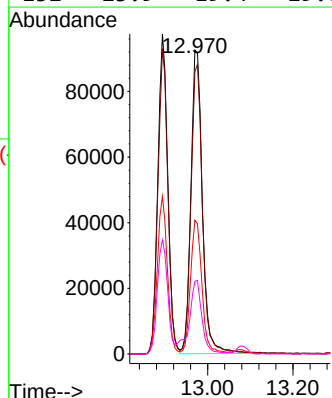
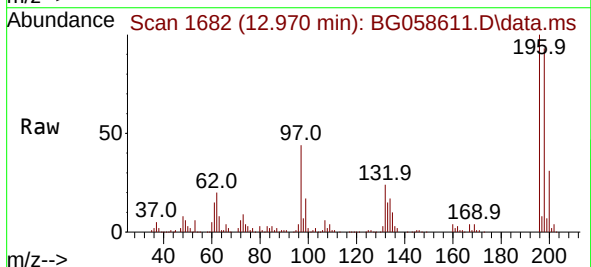
Ion Ratio Lower Upper

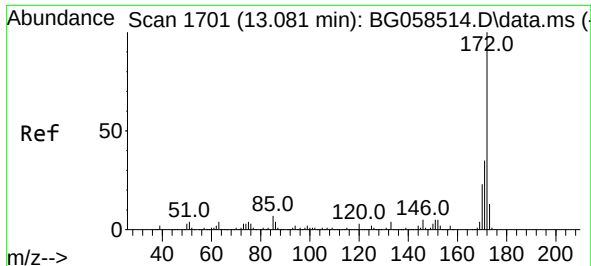
196 100

198 93.0 78.3 117.5

97 44.0 35.2 52.8

132 23.9 19.4 29.0

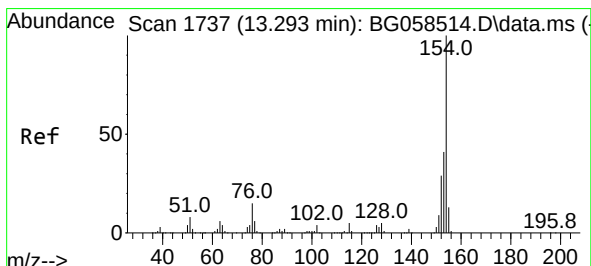
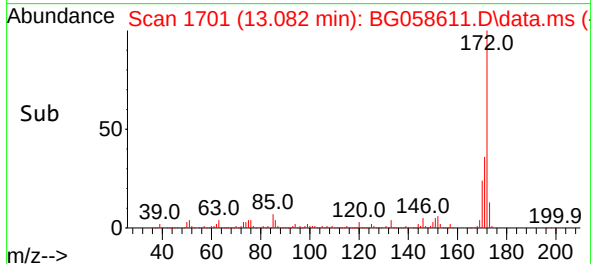
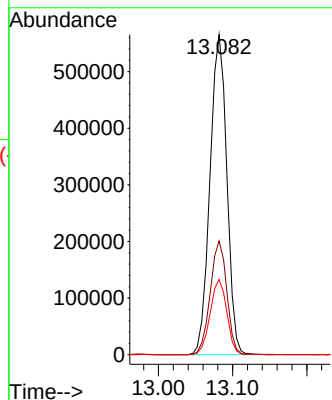
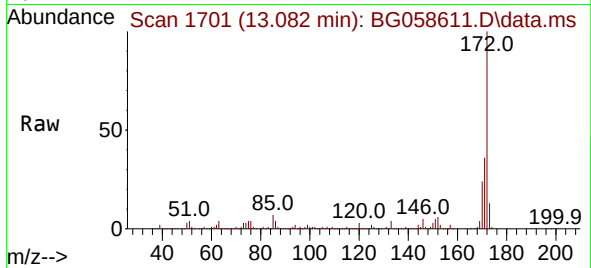




#45
2-Fluorobiphenyl
Concen: 84.261 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

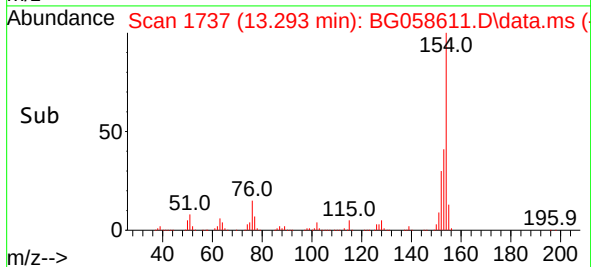
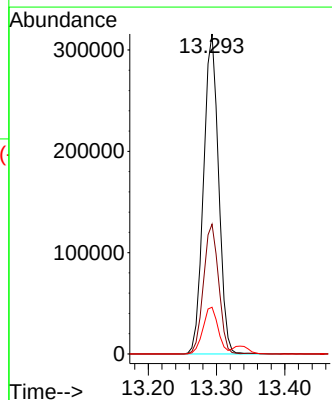
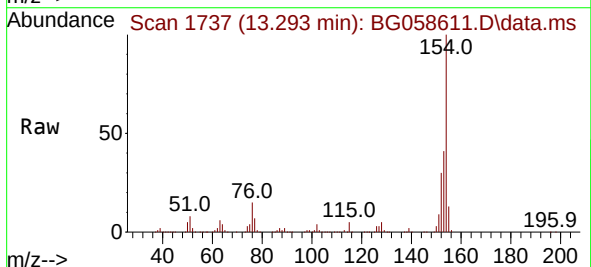
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

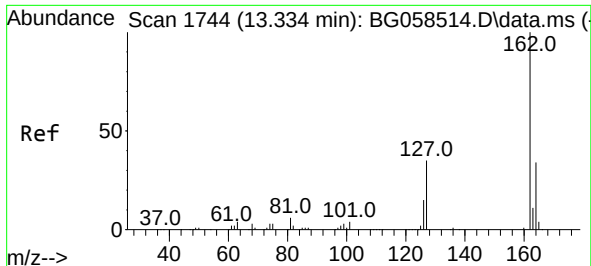
Tgt Ion:172 Resp: 893018
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.5 18.4 27.6



#46
1,1'-Biphenyl
Concen: 44.392 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:154 Resp: 484191
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 14.6 0.0 34.7

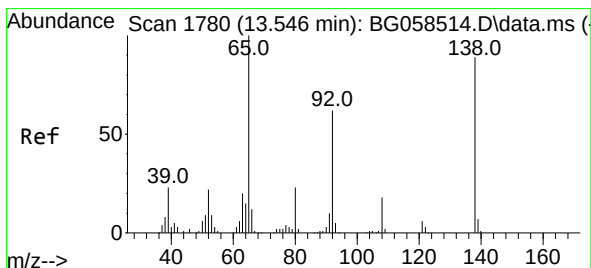
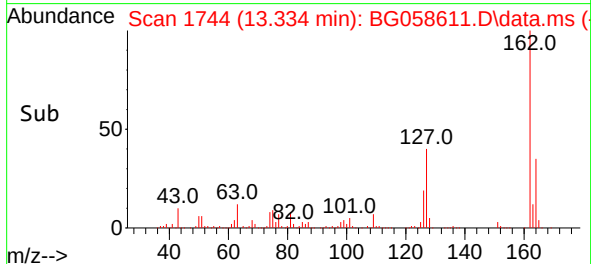
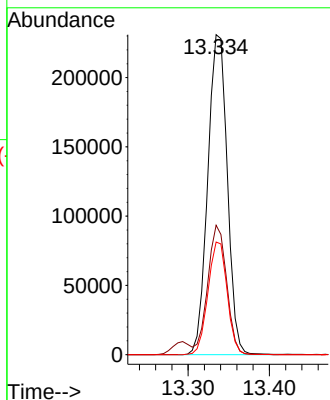
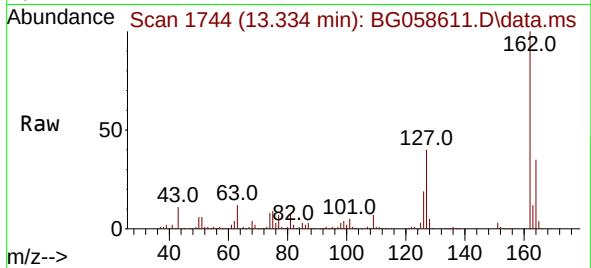




#47
2-Chloronaphthalene
Concen: 45.352 ng
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

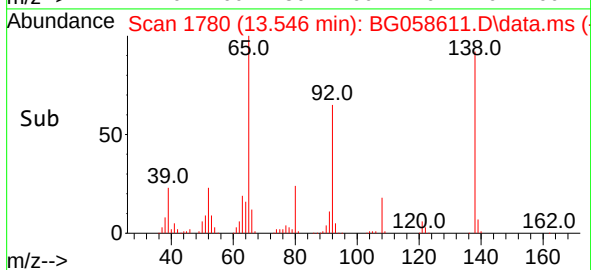
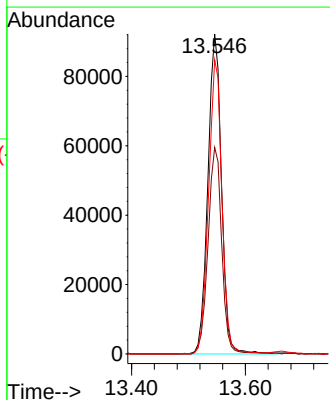
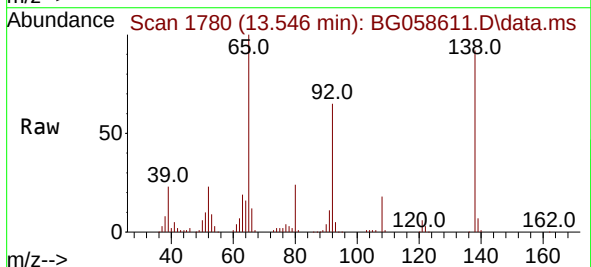
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

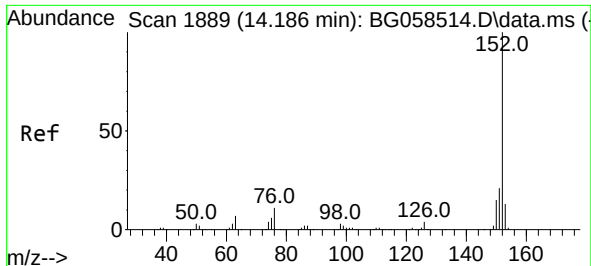
Tgt Ion:162 Resp: 385690
Ion Ratio Lower Upper
162 100
127 40.4 30.9 46.3
164 35.2 27.2 40.8



#48
2-Nitroaniline
Concen: 47.098 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion: 65 Resp: 152885
Ion Ratio Lower Upper
65 100
92 64.5 49.2 73.8
138 91.9 71.5 107.3

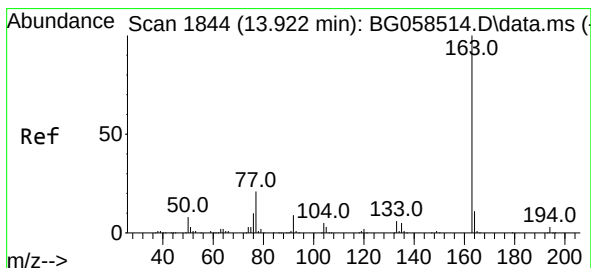
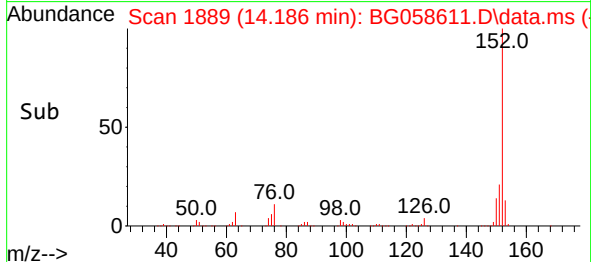
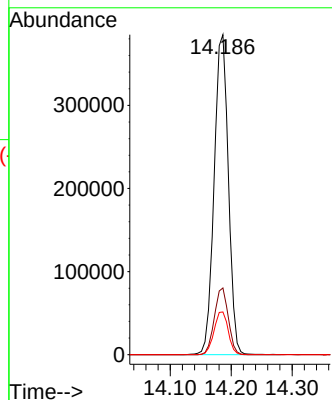
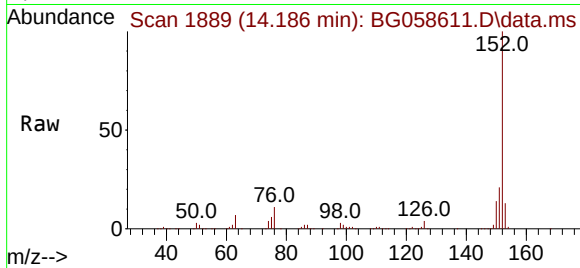




#49
Acenaphthylene
Concen: 43.762 ng
RT: 14.186 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

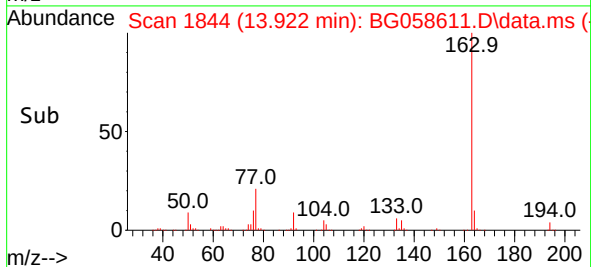
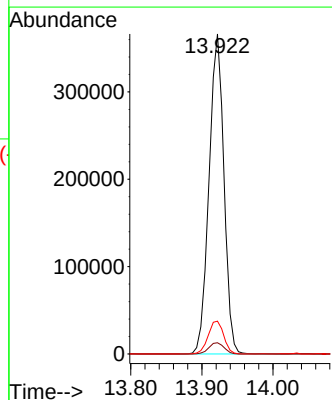
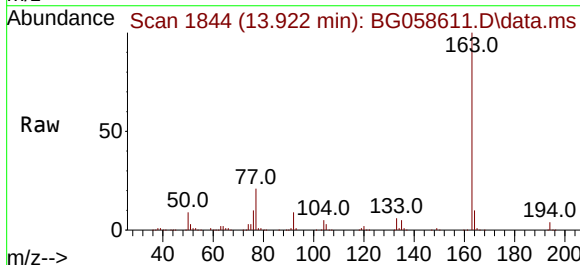
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

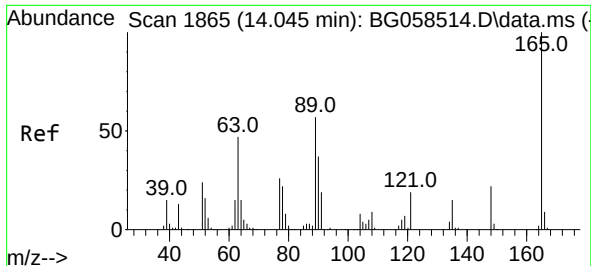
Tgt Ion:152 Resp: 623098
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 44.731 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:163 Resp: 533561
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.6 12.8

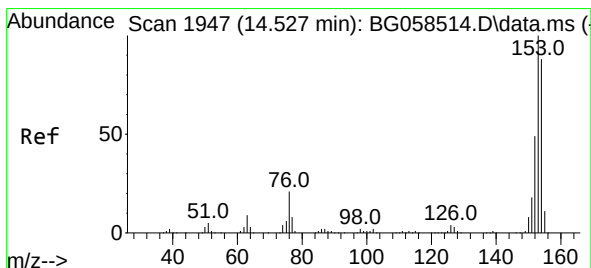
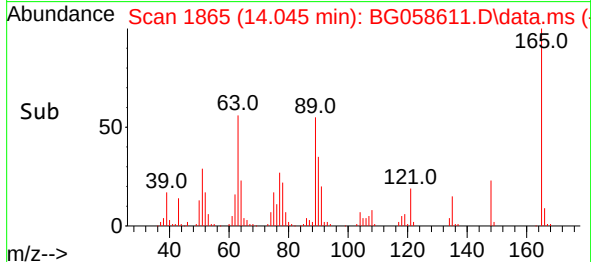
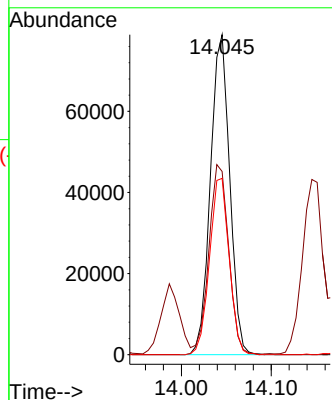
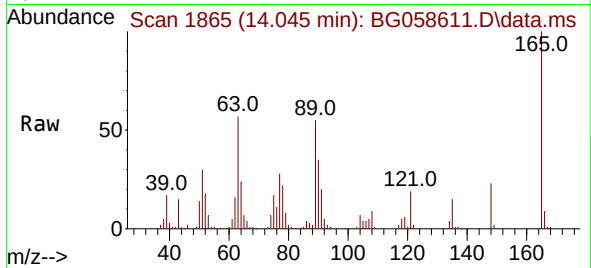




#51
2,6-Dinitrotoluene
Concen: 44.989 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

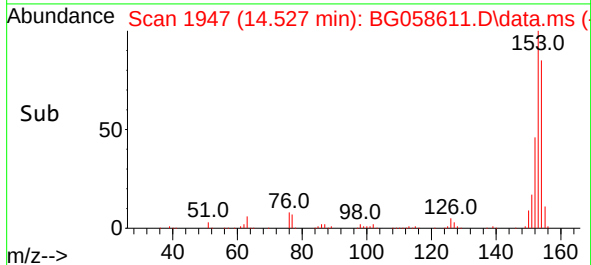
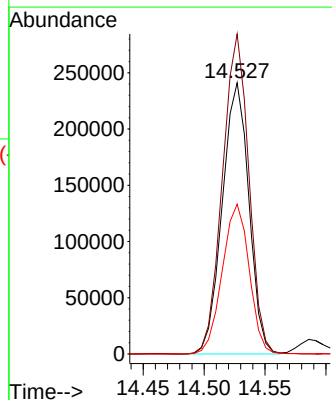
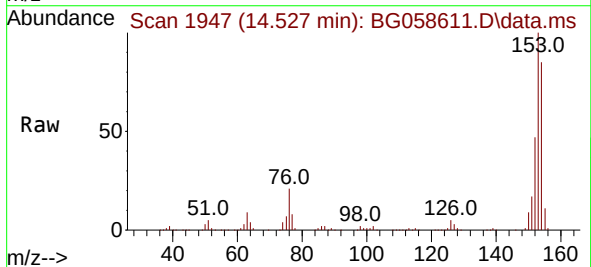
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

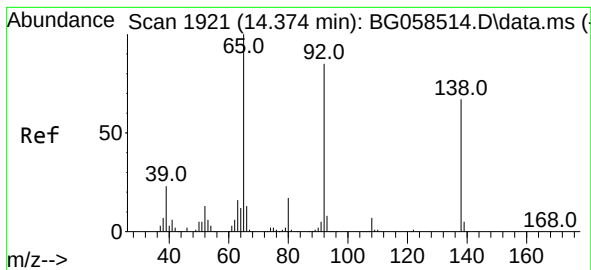
Tgt Ion:165 Resp: 117747
Ion Ratio Lower Upper
165 100
63 57.2 46.4 69.6
89 55.1 45.3 67.9



#52
Acenaphthene
Concen: 44.600 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:154 Resp: 366937
Ion Ratio Lower Upper
154 100
153 118.0 91.1 136.7
152 55.2 44.6 66.8

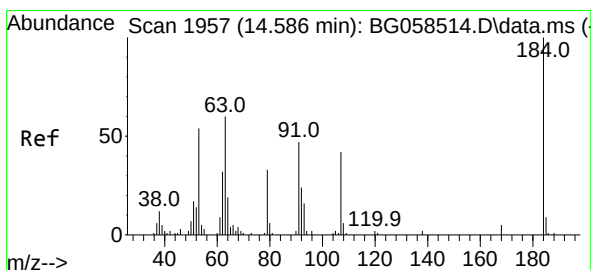
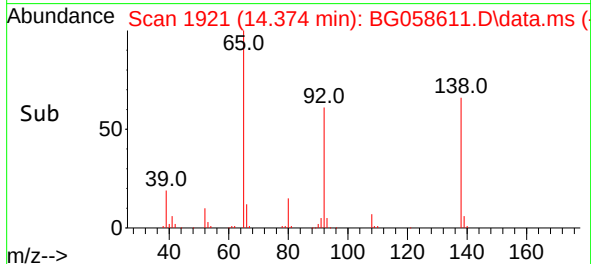
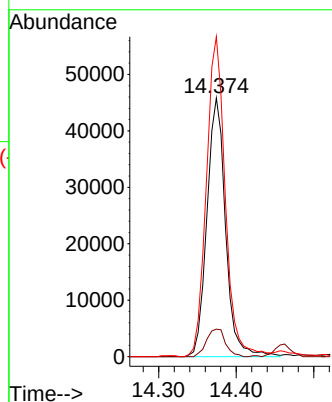
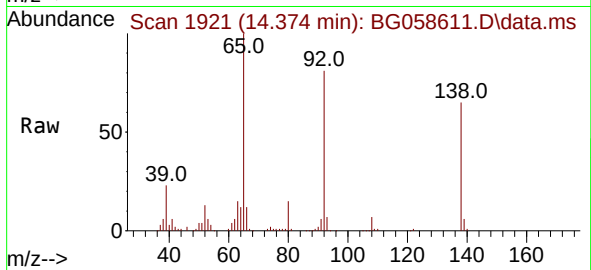




#53
3-Nitroaniline
Concen: 29.207 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

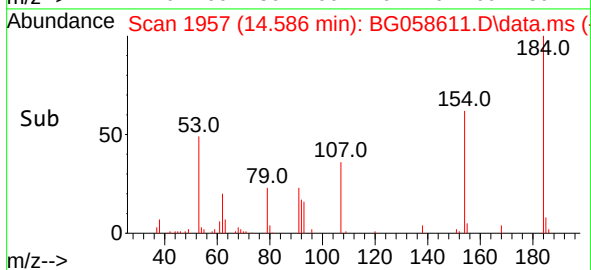
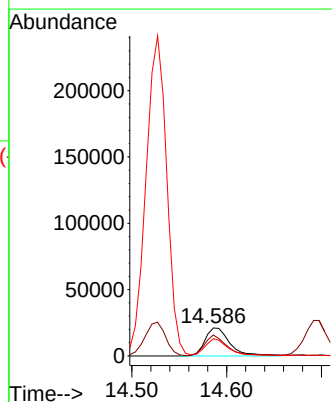
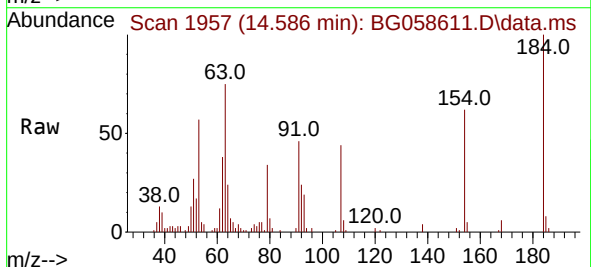
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

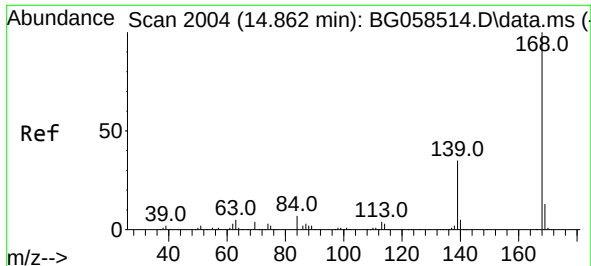
Tgt Ion:138 Resp: 76478
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 123.7 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 31.145 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:184 Resp: 38511
Ion Ratio Lower Upper
184 100
63 74.7 56.7 85.1
154 61.6 46.1 69.1

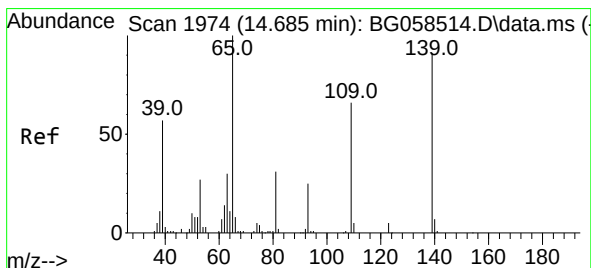
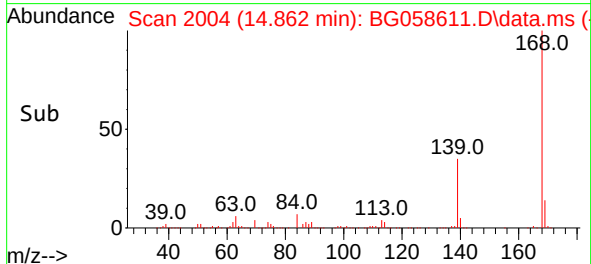
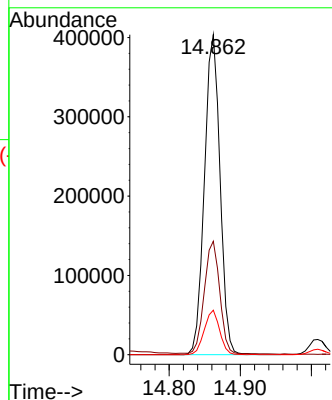
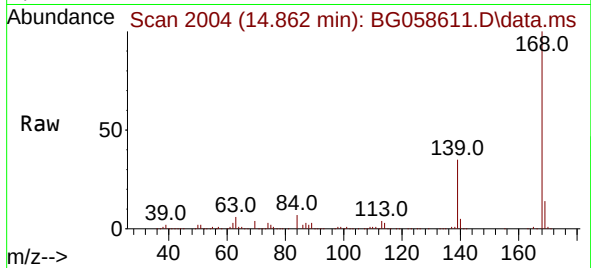




#55
Dibenzofuran
Concen: 43.654 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

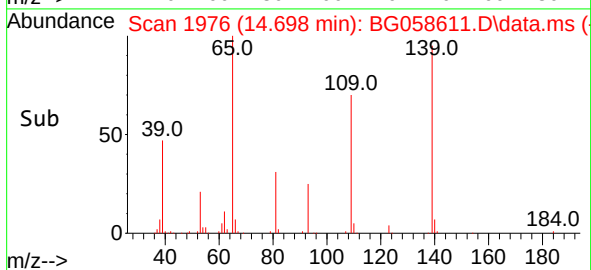
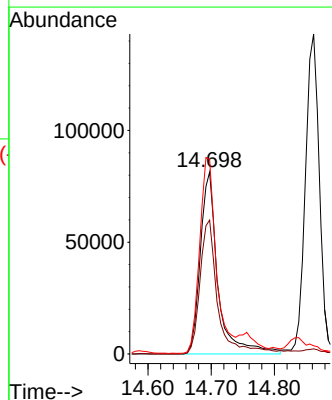
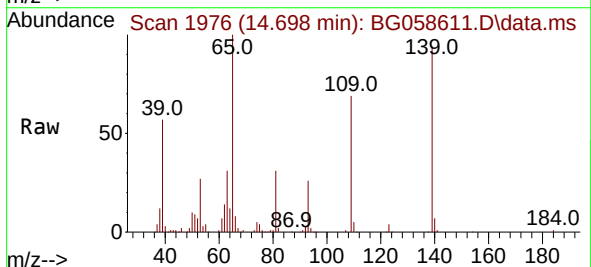
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

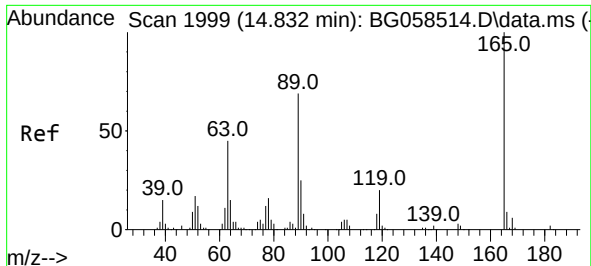
Tgt Ion:168 Resp: 617137
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 81.324 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:139 Resp: 157905
Ion Ratio Lower Upper
139 100
109 73.6 52.5 92.5
65 106.8 90.5 130.5





#57

2,4-Dinitrotoluene

Concen: 44.802 ng

RT: 14.833 min Scan# 1999

Delta R.T. 0.001 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

Tgt Ion:165 Resp: 162562

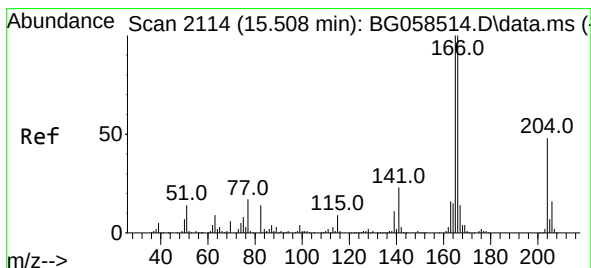
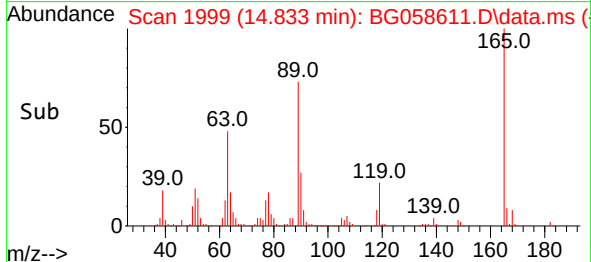
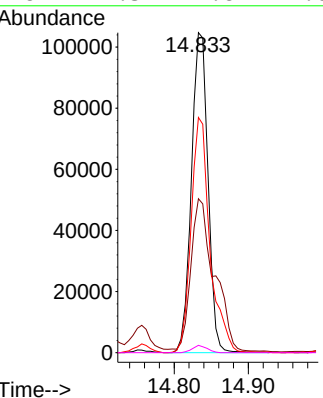
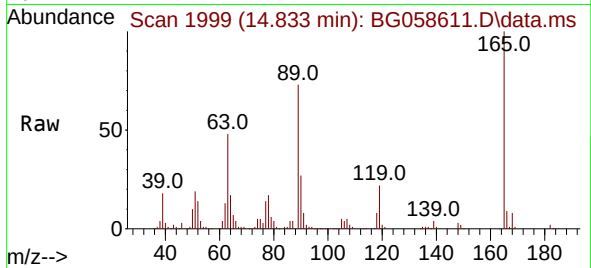
Ion Ratio Lower Upper

165 100

63 48.1 36.6 54.8

89 73.5 55.4 83.0

182 2.3 1.8 2.6



#58

Fluorene

Concen: 43.748 ng

RT: 15.508 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

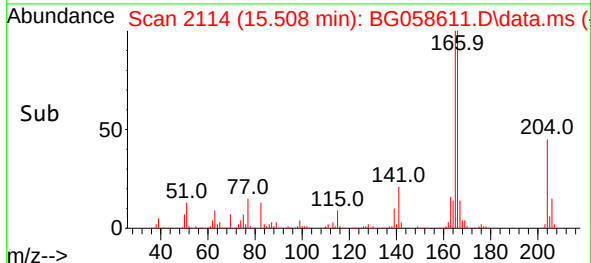
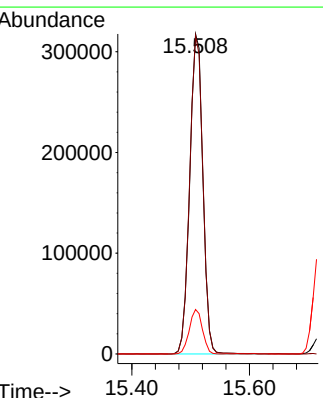
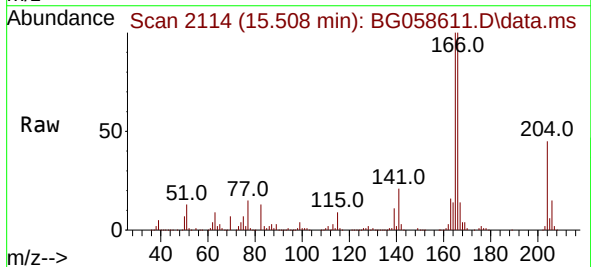
Tgt Ion:166 Resp: 491310

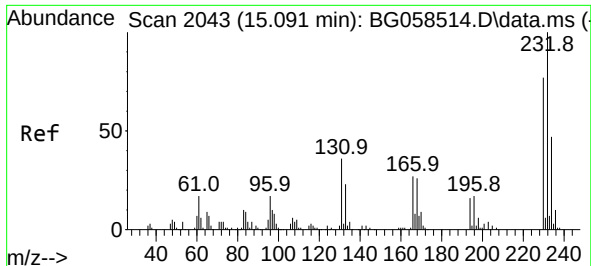
Ion Ratio Lower Upper

166 100

165 99.6 80.0 120.0

167 13.9 11.3 16.9

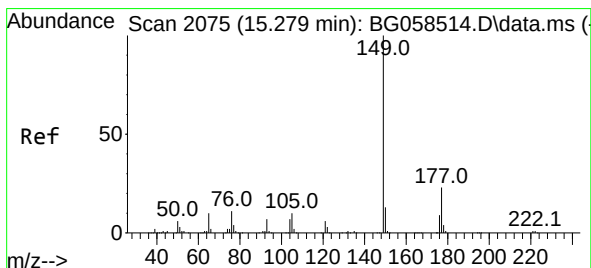
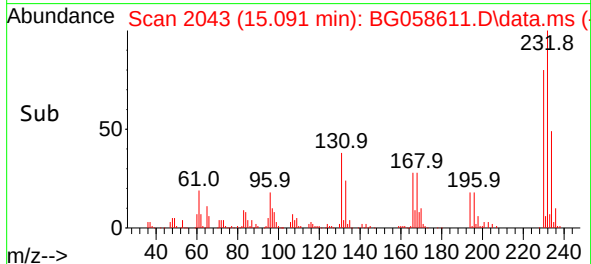
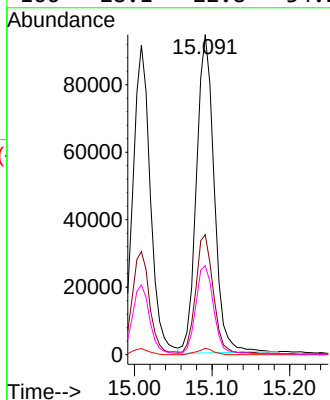
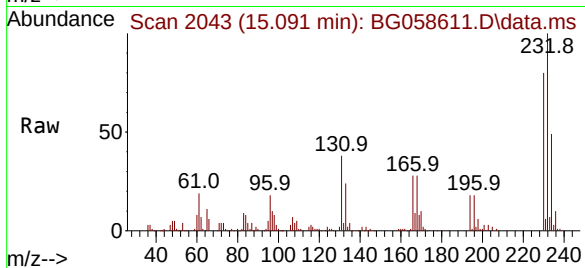




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.432 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

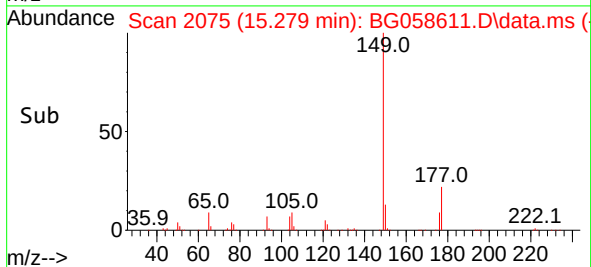
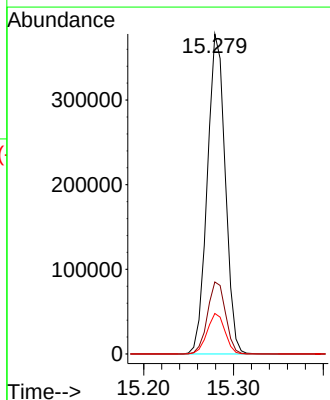
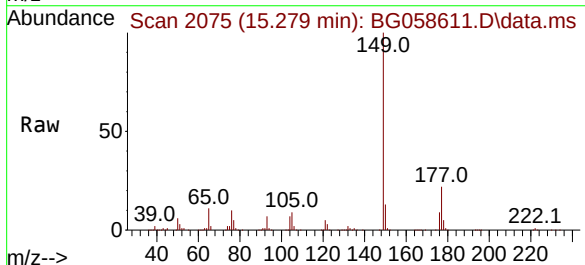
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

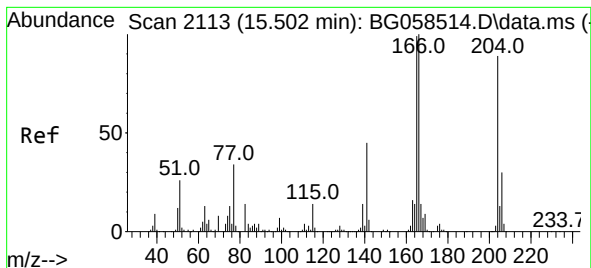
Tgt Ion:232 Resp: 149774
Ion Ratio Lower Upper
232 100
131 37.7 30.0 45.0
130 1.8 1.5 2.3
166 28.1 22.8 34.2



#60
Diethylphthalate
Concen: 43.074 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:149 Resp: 523422
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.7 10.2 15.4

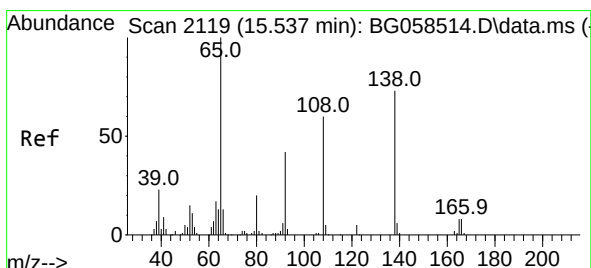
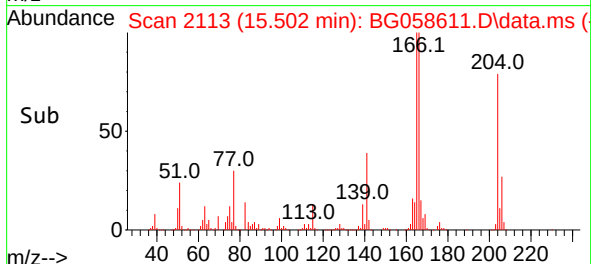
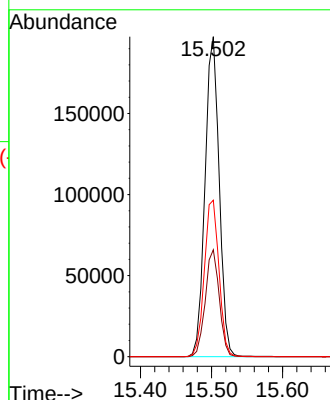
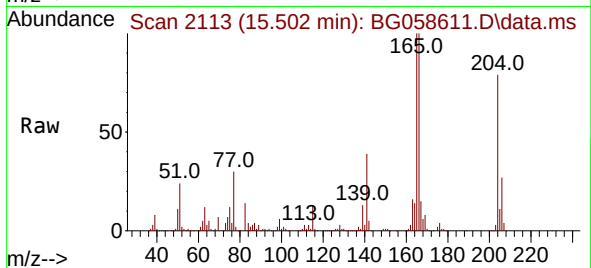




#61
4-Chlorophenyl-phenylether
Concen: 43.808 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

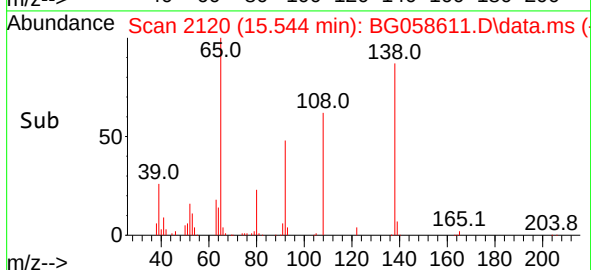
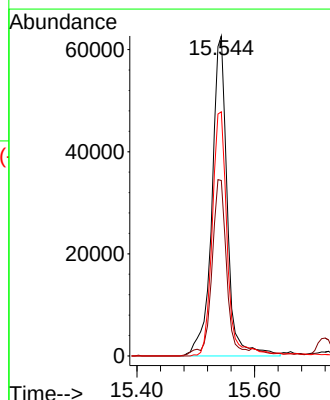
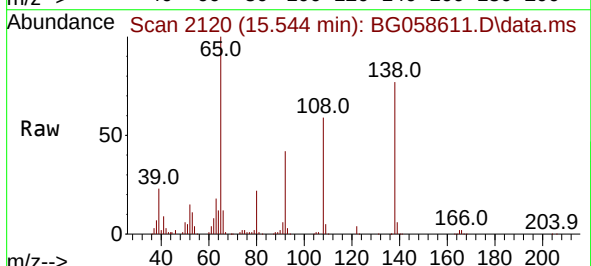
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

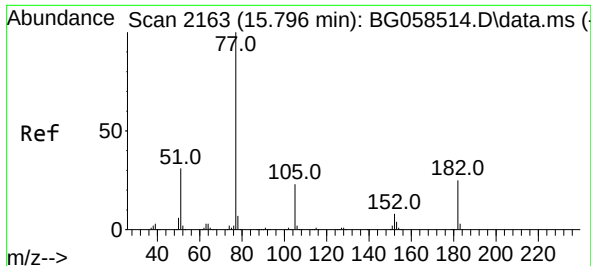
Tgt Ion:204 Resp: 274288
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 48.9 40.8 61.2



#62
4-Nitroaniline
Concen: 46.006 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:138 Resp: 114119
Ion Ratio Lower Upper
138 100
92 54.9 37.3 77.3
108 76.3 62.6 102.6

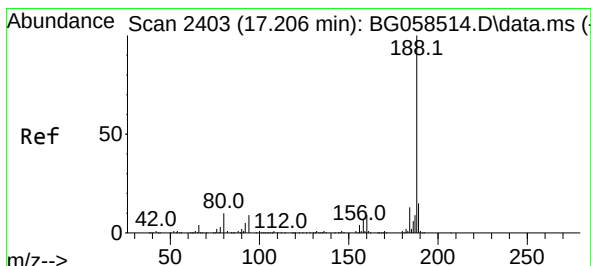
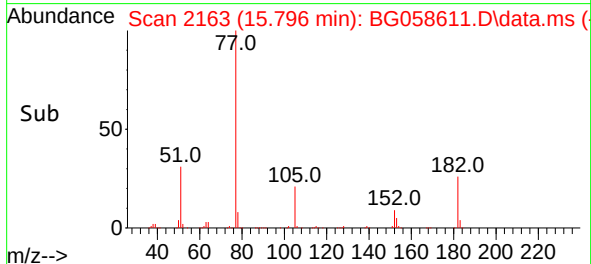
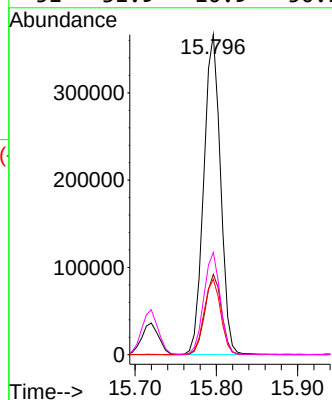
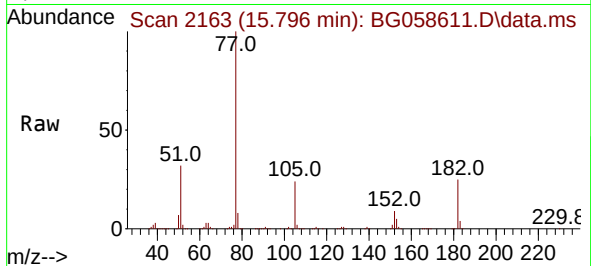




#63
Azobenzene
Concen: 43.690 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

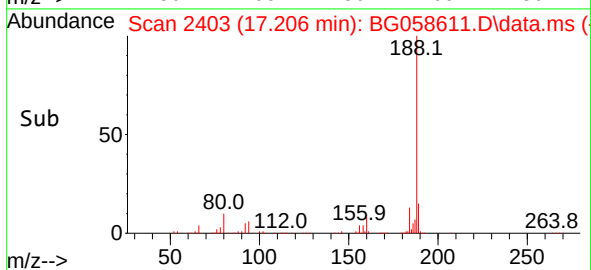
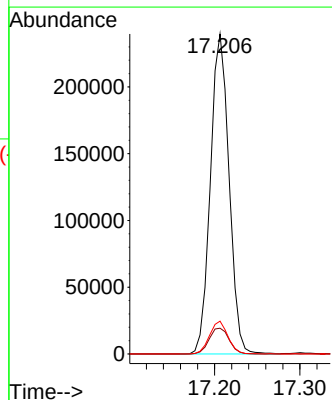
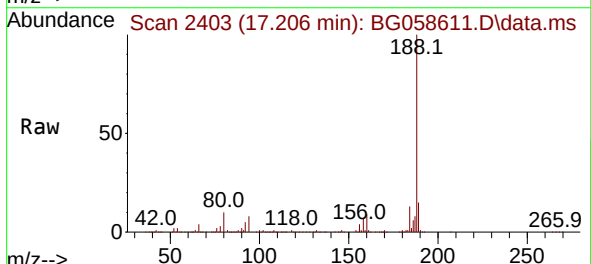
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

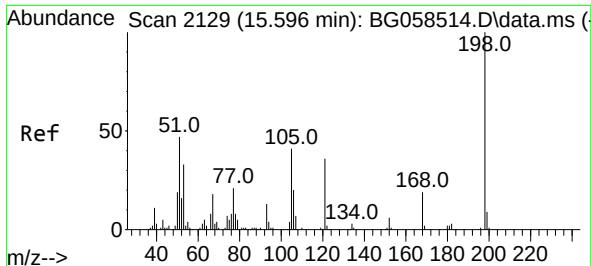
Tgt Ion: 77	Resp: 522926
Ion Ratio	Lower Upper
77 100	
182 25.1	4.6 44.6
105 23.6	3.3 43.3
51 31.9	10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:188	Resp: 363672
Ion Ratio	Lower Upper
188 100	
94 8.1	7.0 10.6
80 10.2	8.1 12.1

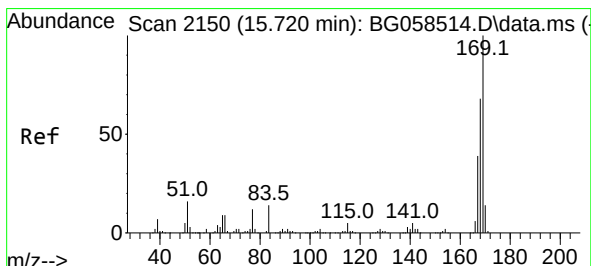
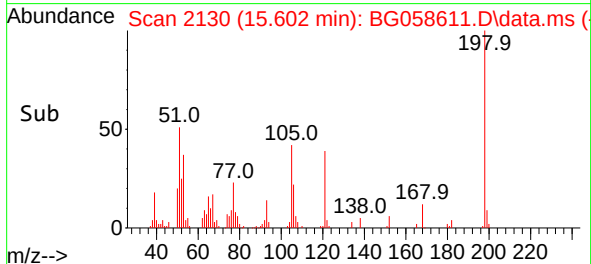
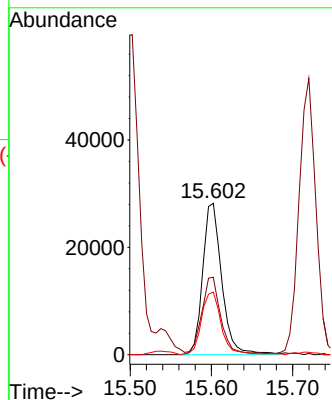
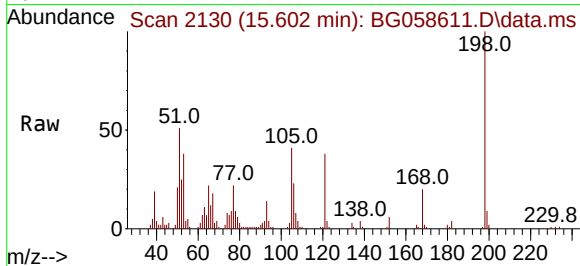




#65
4,6-Dinitro-2-methylphenol
Concen: 22.925 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

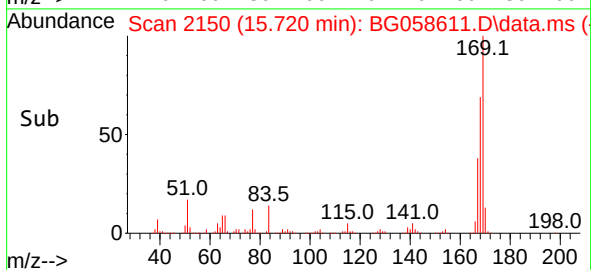
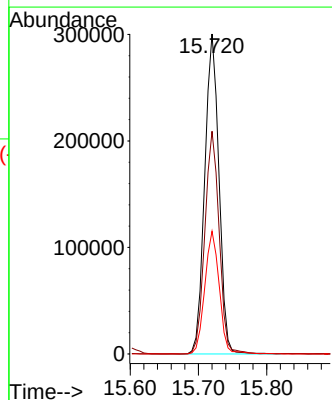
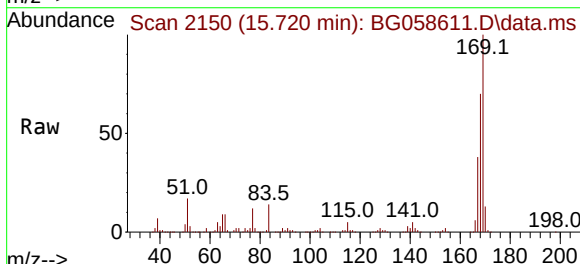
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

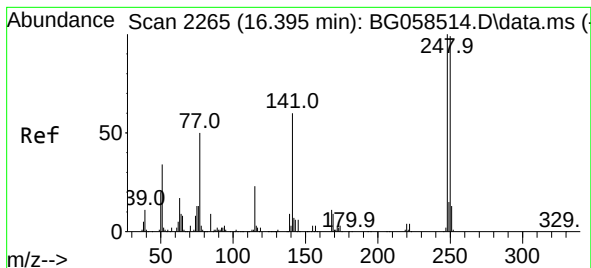
Tgt Ion:198 Resp: 45971
Ion Ratio Lower Upper
198 100
51 51.1 29.3 69.3
105 41.3 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 46.073 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:169 Resp: 436101
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 38.3 31.3 46.9

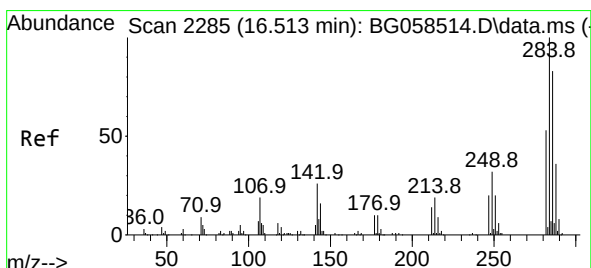
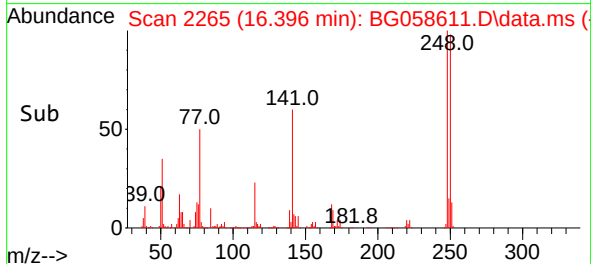
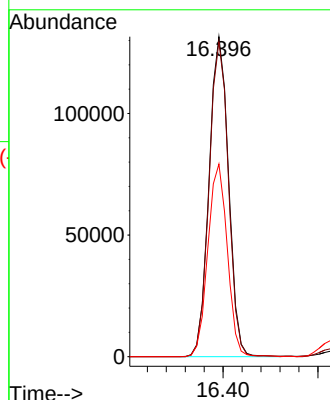
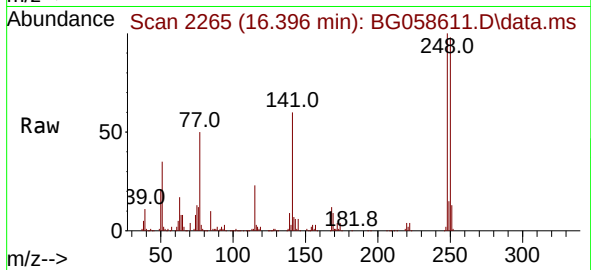




#67
4-Bromophenyl-phenylether
Concen: 45.468 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

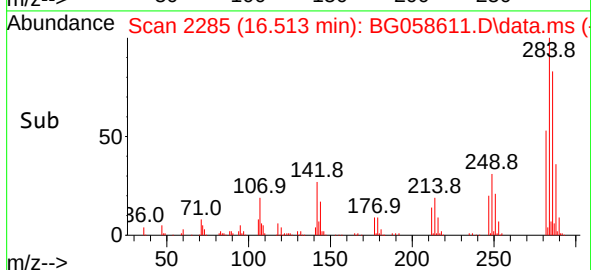
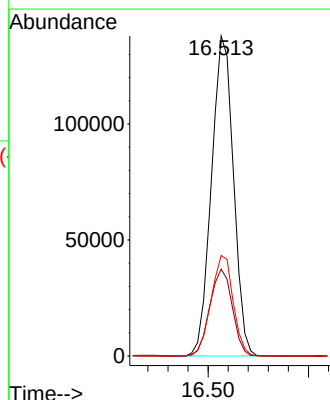
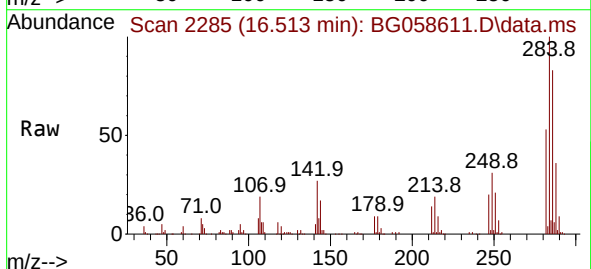
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

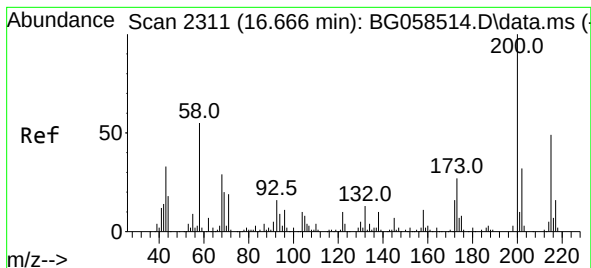
Tgt Ion:248 Resp: 187546
Ion Ratio Lower Upper
248 100
250 98.4 79.5 119.3
141 60.2 48.2 72.2



#68
Hexachlorobenzene
Concen: 47.972 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:284 Resp: 209678
Ion Ratio Lower Upper
284 100
142 27.1 21.0 31.4
249 31.4 25.5 38.3





#69

Atrazine

Concen: 54.788 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

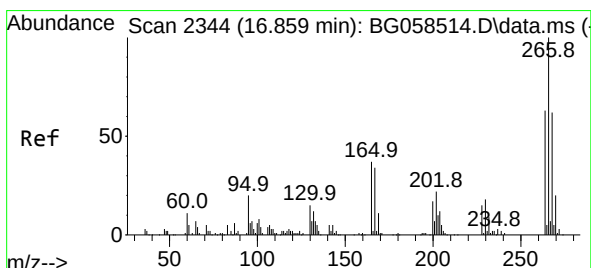
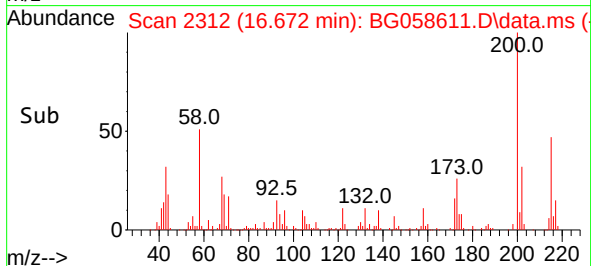
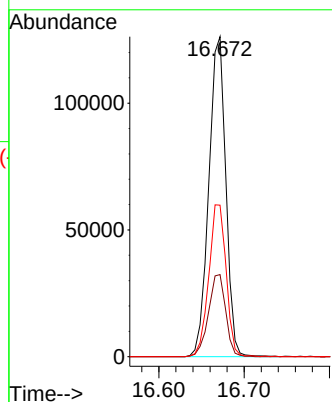
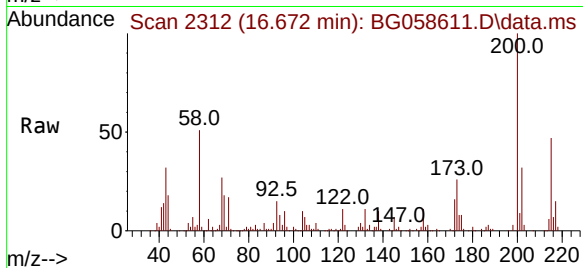
Tgt Ion:200 Resp: 175063

Ion Ratio Lower Upper

200 100

173 25.7 6.5 46.5

215 47.4 28.9 68.9



#70

Pentachlorophenol

Concen: 53.083 ng

RT: 16.866 min Scan# 2345

Delta R.T. 0.007 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

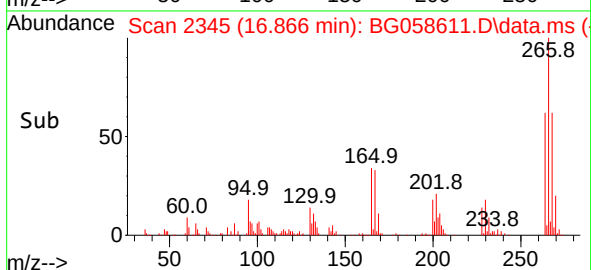
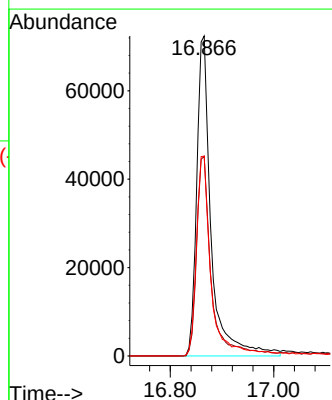
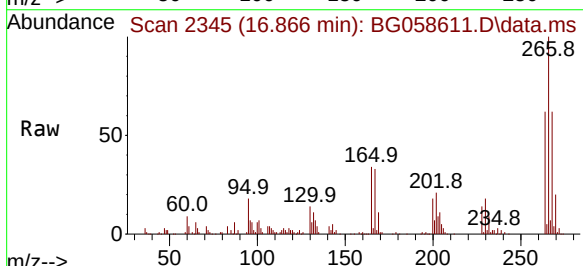
Tgt Ion:266 Resp: 140437

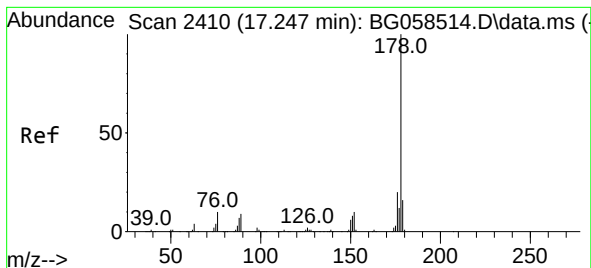
Ion Ratio Lower Upper

266 100

268 62.4 49.9 74.9

264 62.4 50.2 75.4





#71

Phenanthrene

Concen: 45.173 ng

RT: 17.253 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

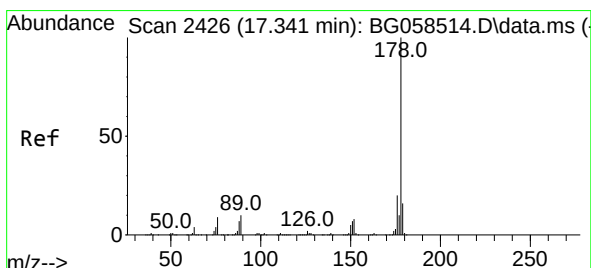
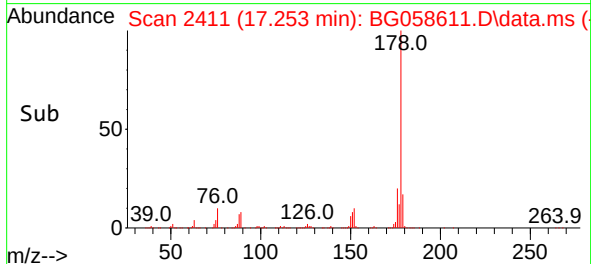
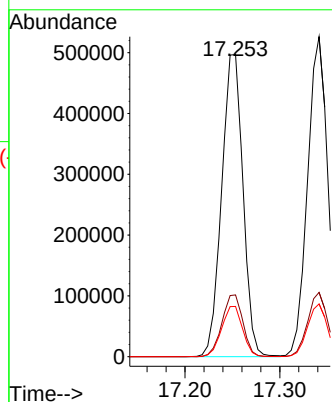
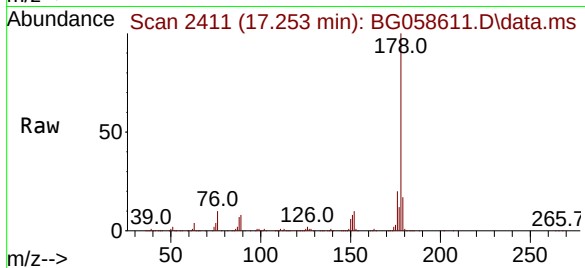
Tgt Ion:178 Resp: 779101

Ion Ratio Lower Upper

178 100

176 20.5 16.3 24.5

179 16.6 13.1 19.7



#72

Anthracene

Concen: 44.449 ng

RT: 17.341 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

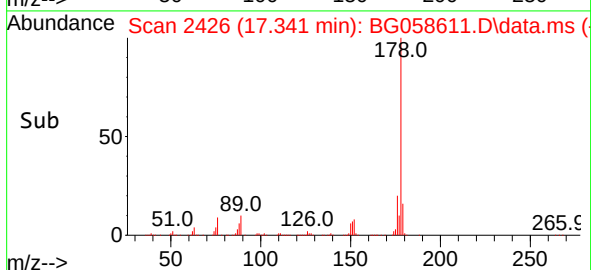
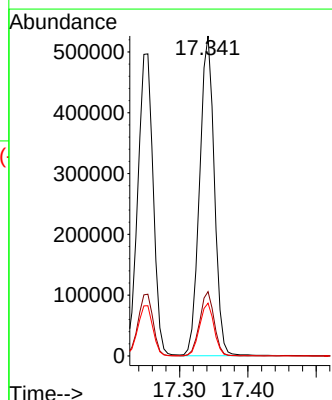
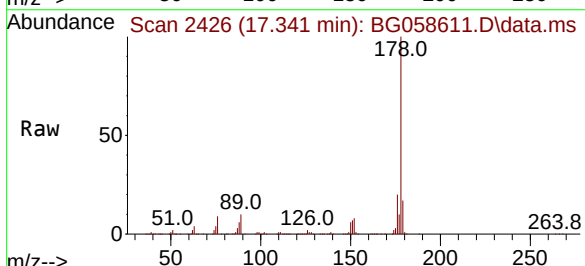
Tgt Ion:178 Resp: 786600

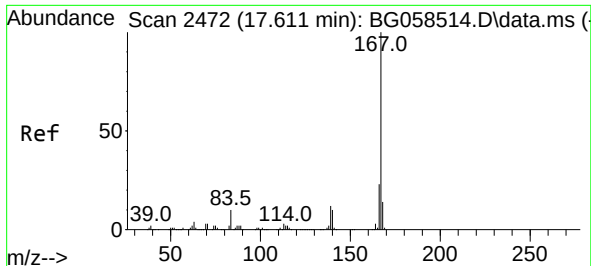
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 16.5 12.9 19.3



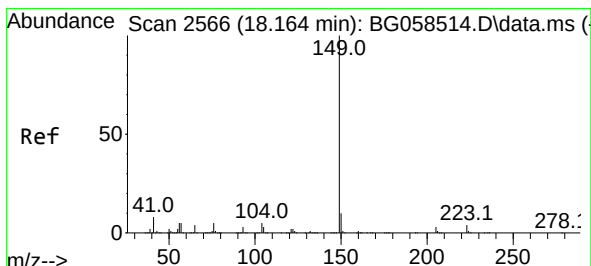
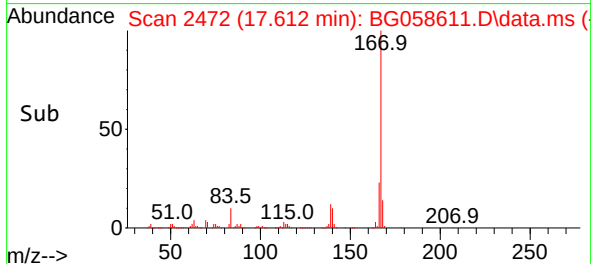
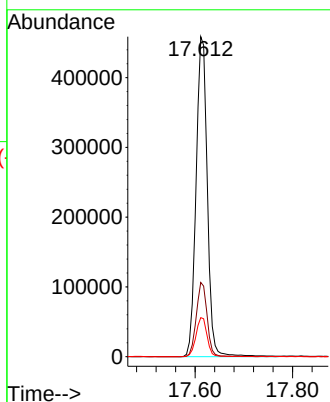
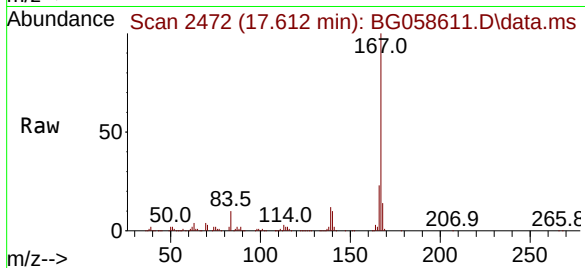


#73
 Carbazole
 Concen: 47.286 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MS

Tgt Ion:167 Resp: 737914

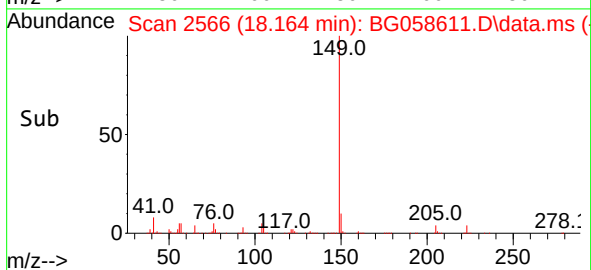
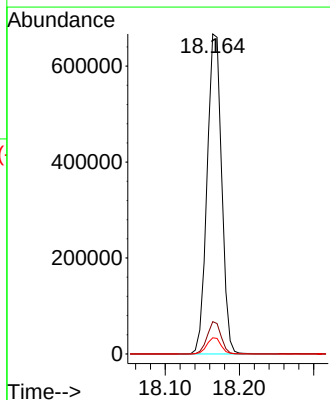
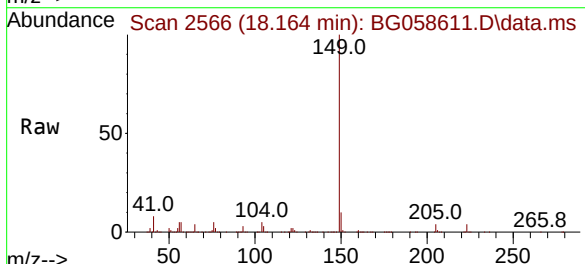
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	12.2	10.0	15.0

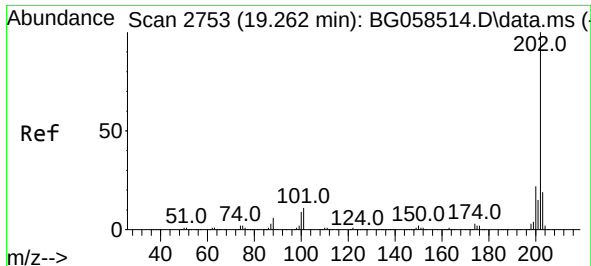


#74
 Di-n-butylphthalate
 Concen: 46.601 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Tgt Ion:149 Resp: 910899

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.1	4.0	6.0

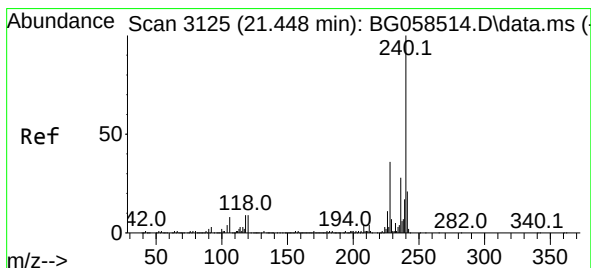
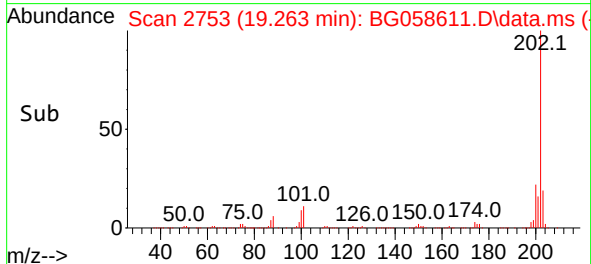
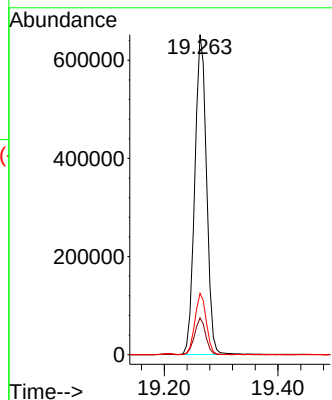
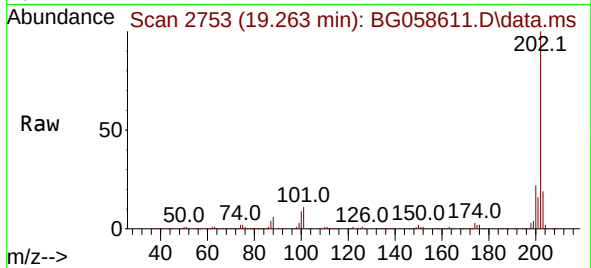




#75
Fluoranthene
Concen: 45.327 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

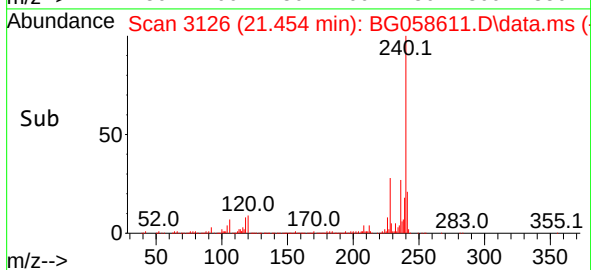
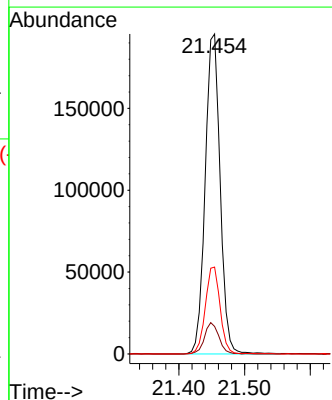
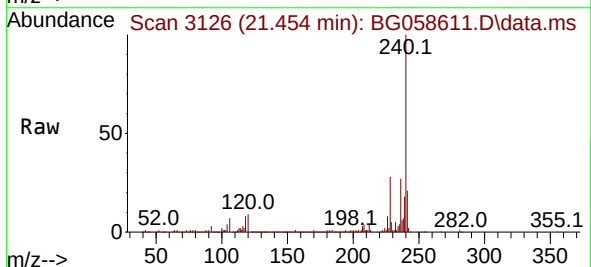
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

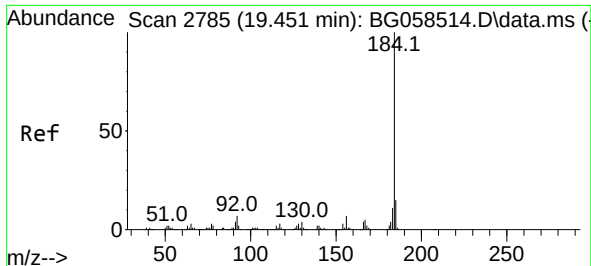
Tgt Ion:202 Resp: 939055
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 19.1 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:240 Resp: 310244
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 27.2 22.2 33.4

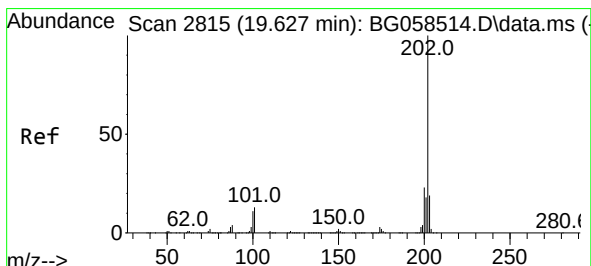
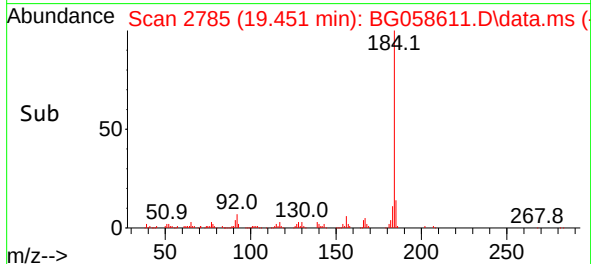
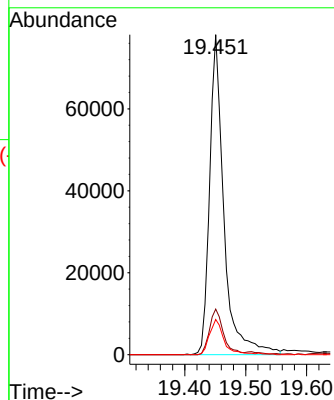
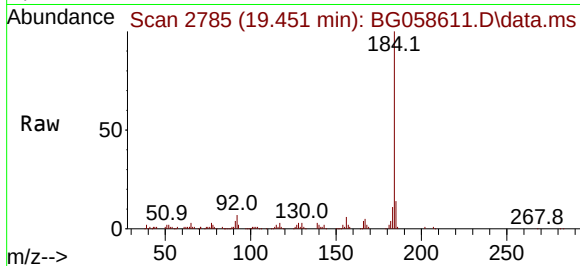




#77
Benzidine
Concen: 27.087 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

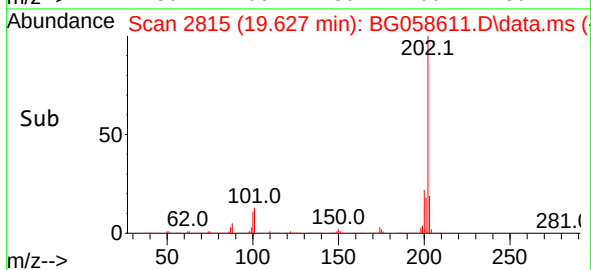
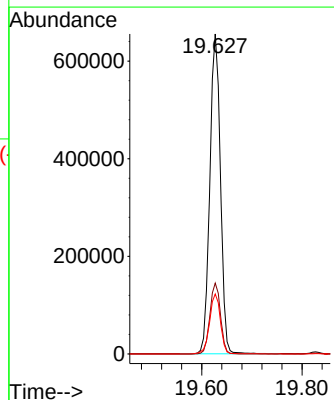
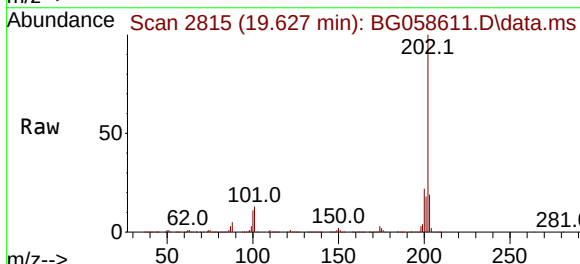
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

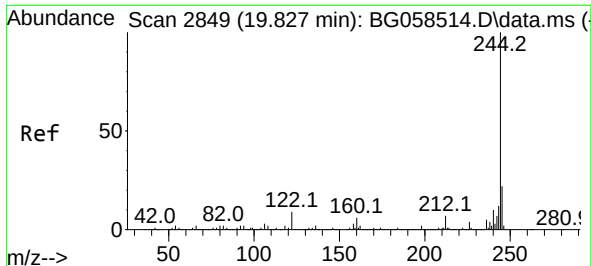
Tgt Ion:184 Resp: 127432
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.0 8.7 13.1



#78
Pyrene
Concen: 45.528 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:202 Resp: 961266
Ion Ratio Lower Upper
202 100
200 22.2 18.2 27.2
203 18.8 15.1 22.7

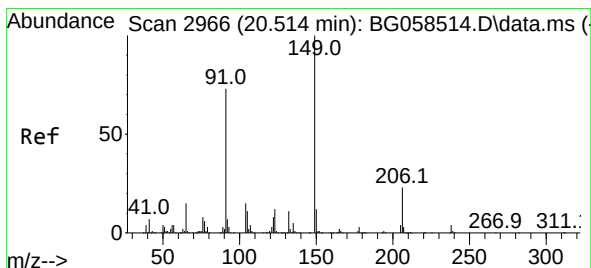
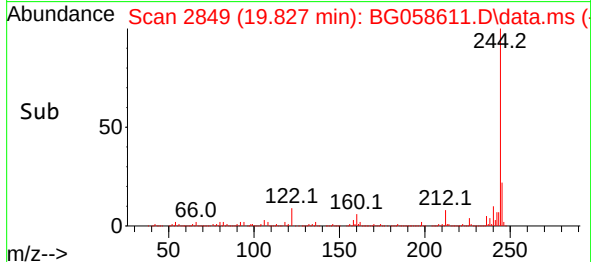
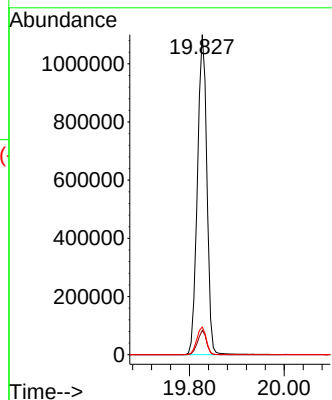
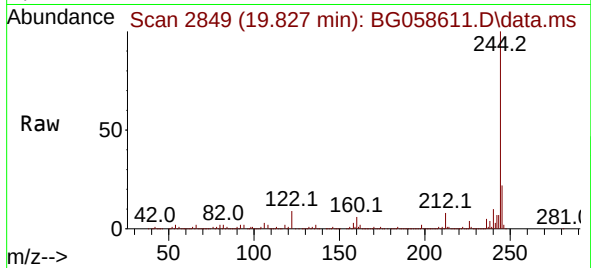




#79
 Terphenyl-d14
 Concen: 92.586 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

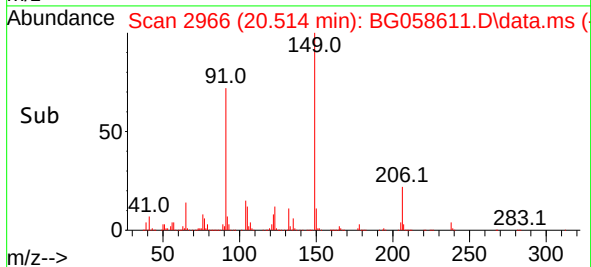
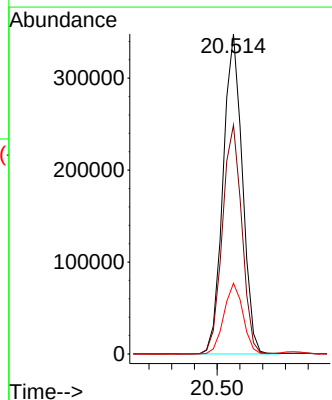
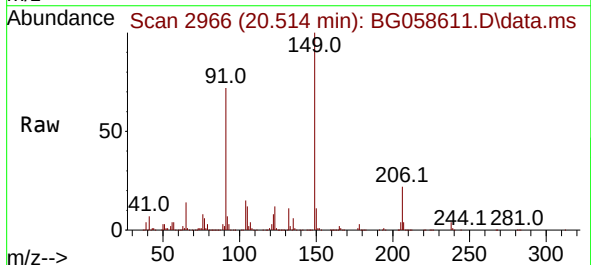
Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MS

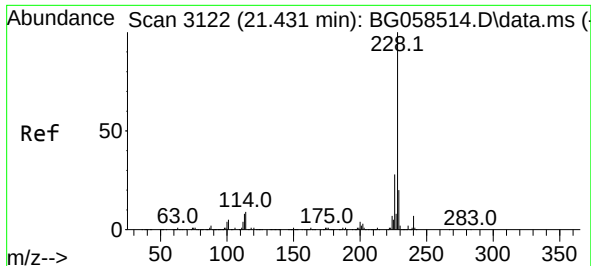
Tgt Ion:244 Resp: 1527455
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.7 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 47.325 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058611.D
 Acq: 4 Aug 2023 14:48

Tgt Ion:149 Resp: 410436
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.4 87.6
 206 22.1 18.3 27.5

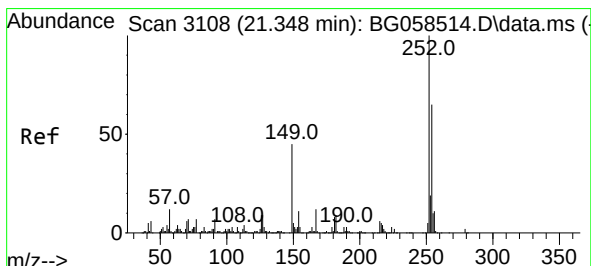
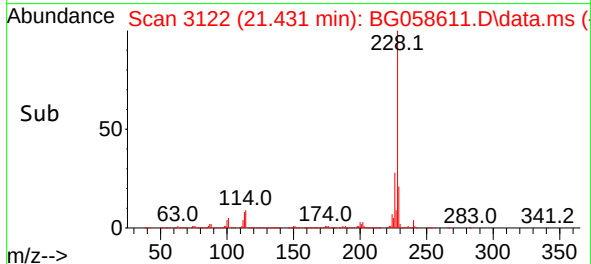
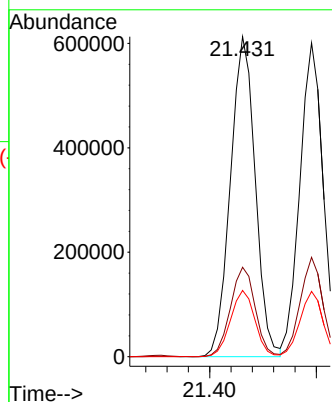
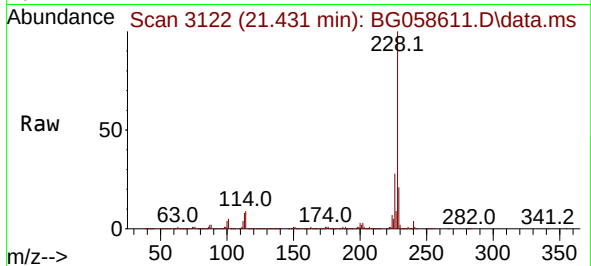




#81
Benzo(a)anthracene
Concen: 46.499 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

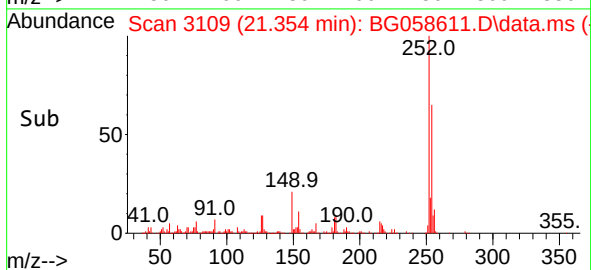
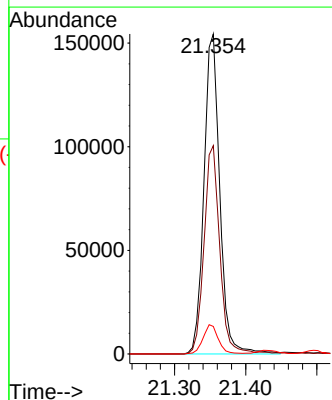
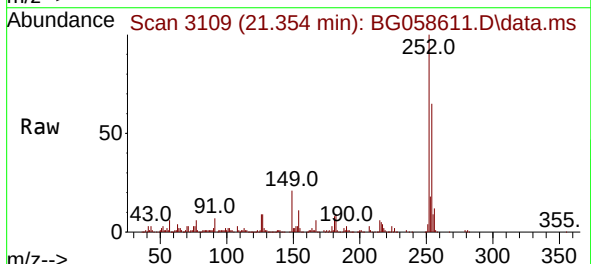
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

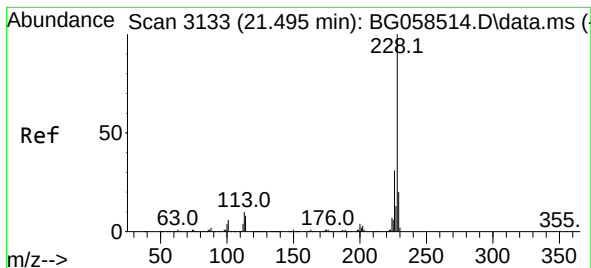
Tgt Ion:228 Resp: 992786
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.174 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:252 Resp: 239475
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.4
126 8.6 7.2 10.8





#83

Chrysene

Concen: 44.812 ng

RT: 21.495 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

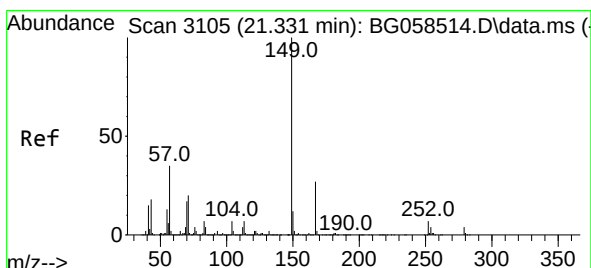
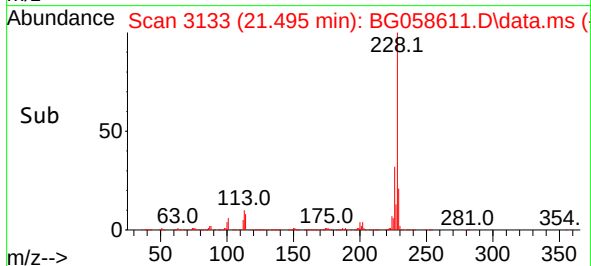
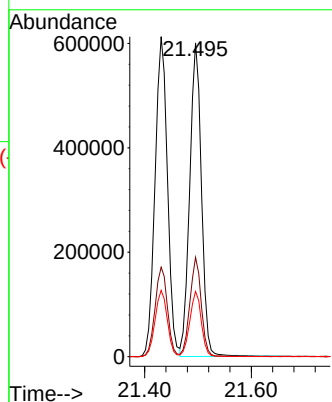
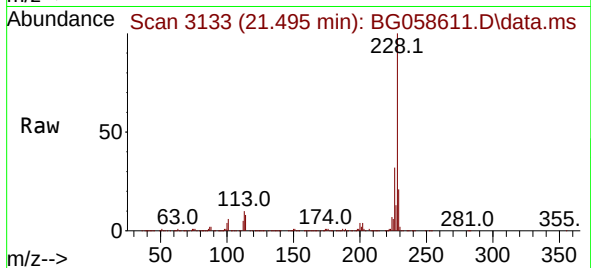
Tgt Ion:228 Resp: 917340

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

229 20.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.686 ng

RT: 21.337 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

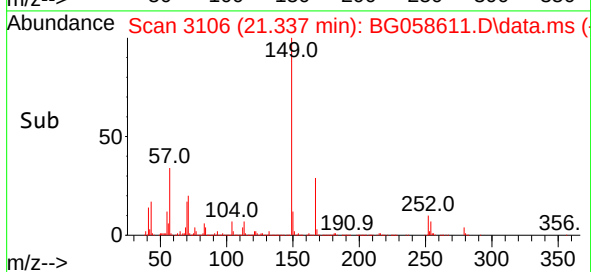
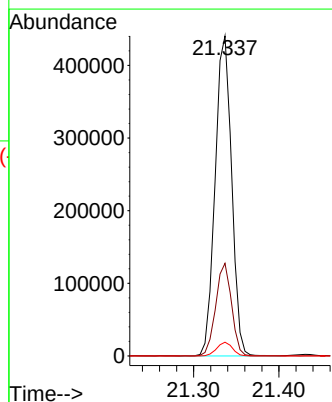
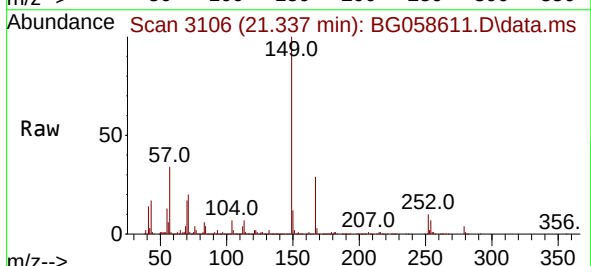
Tgt Ion:149 Resp: 591687

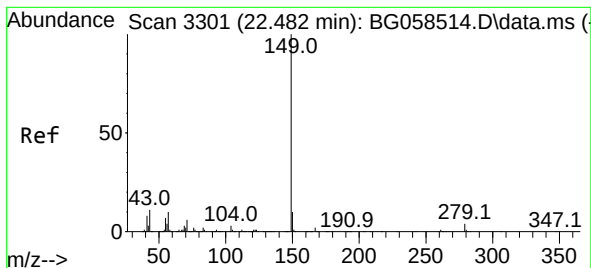
Ion Ratio Lower Upper

149 100

167 29.0 21.8 32.8

279 4.3 2.9 4.3

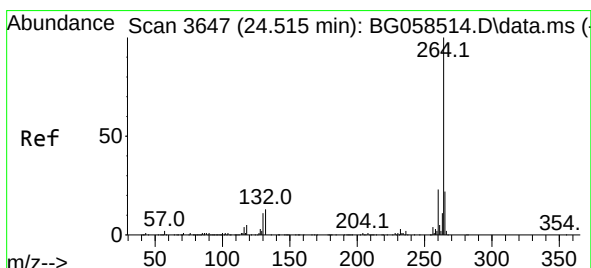
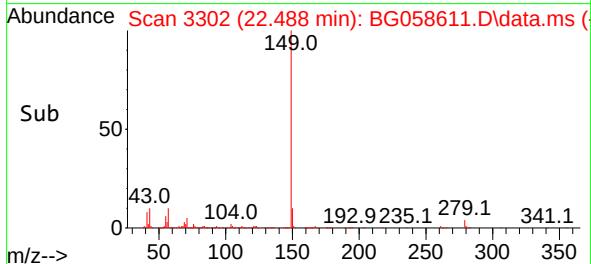
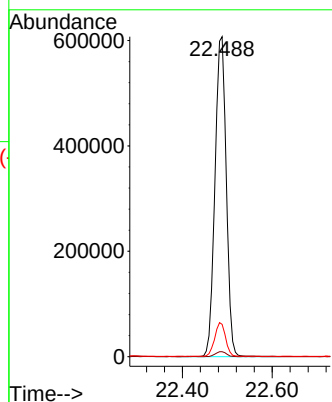
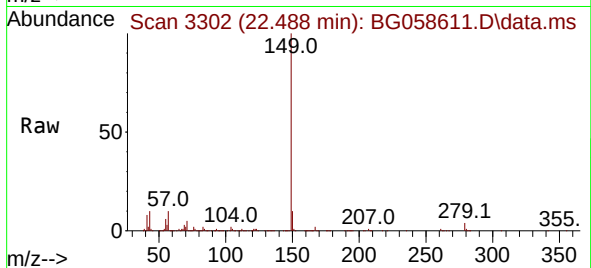




#85
Di-n-octyl phthalate
Concen: 47.547 ng
RT: 22.488 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

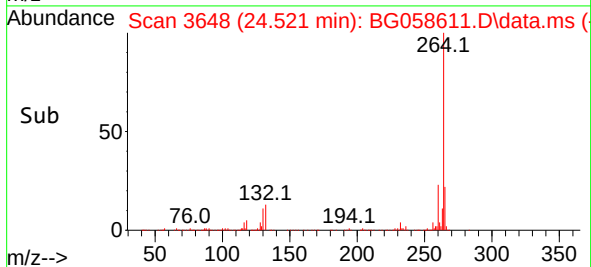
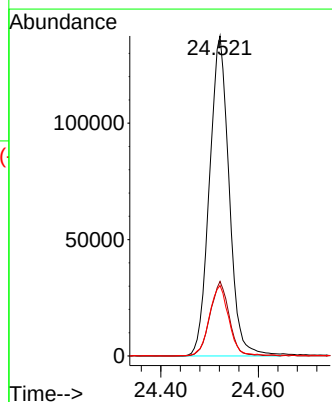
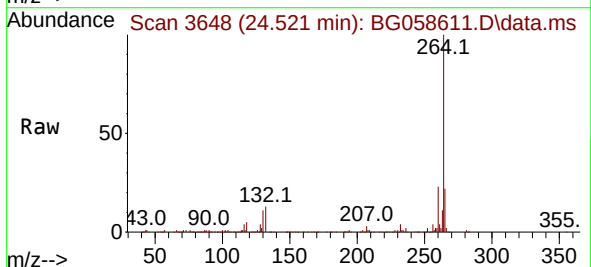
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

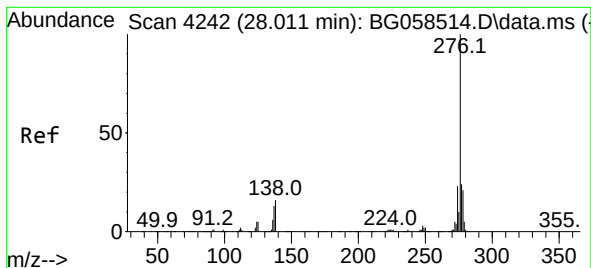
Tgt Ion:149 Resp: 1059431
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:264 Resp: 384928
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 22.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.540 ng

RT: 28.023 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

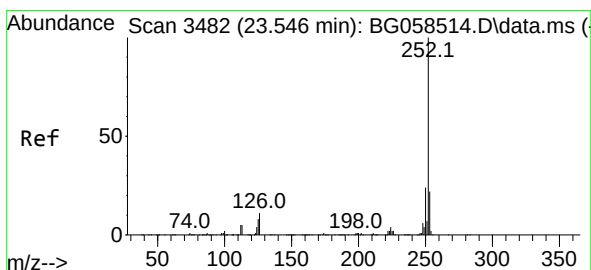
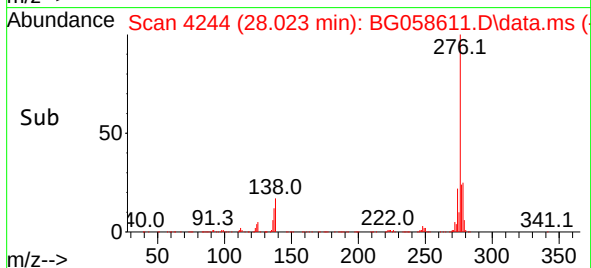
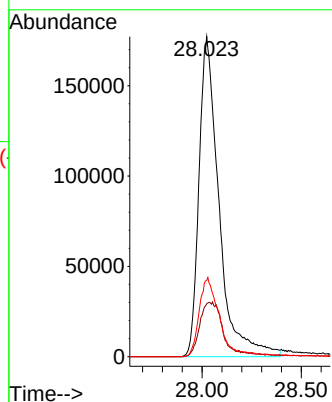
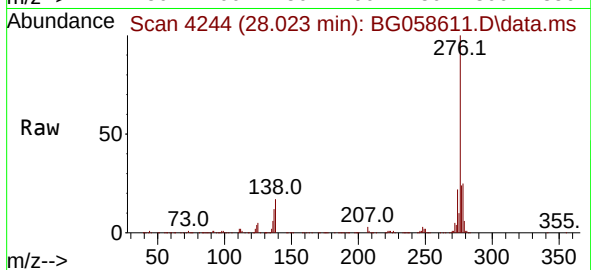
Tgt Ion:276 Resp: 1243012

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 24.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.826 ng

RT: 23.552 min Scan# 3483

Delta R.T. 0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

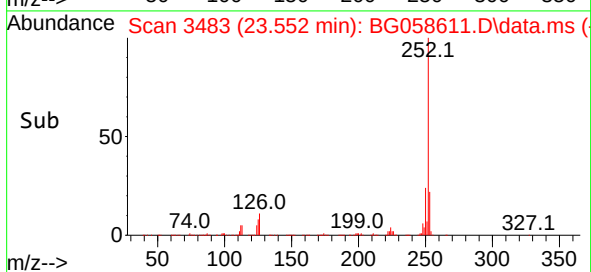
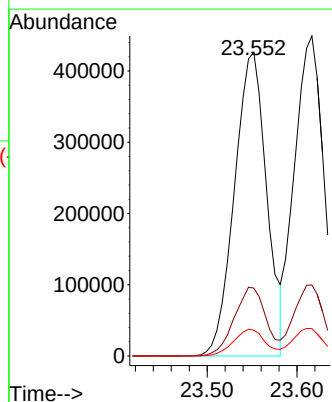
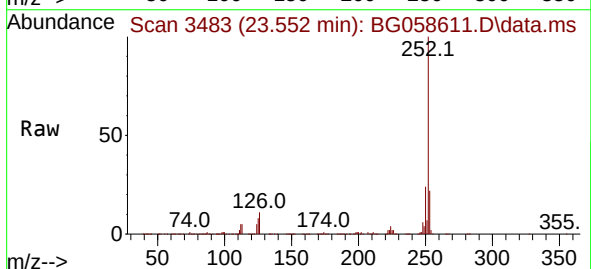
Tgt Ion:252 Resp: 1061117

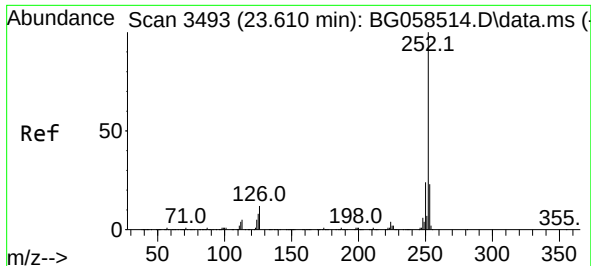
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.5 6.6 9.8

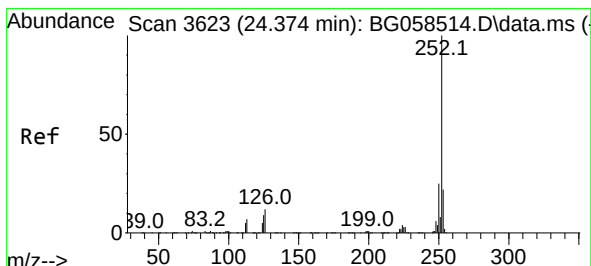
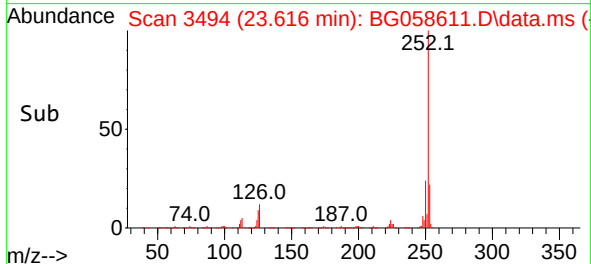
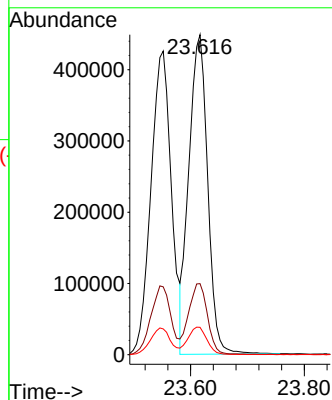
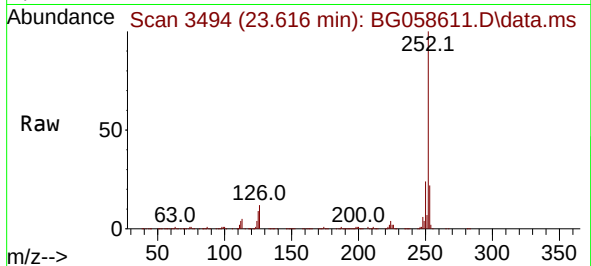




#89
Benzo(k)fluoranthene
Concen: 49.109 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

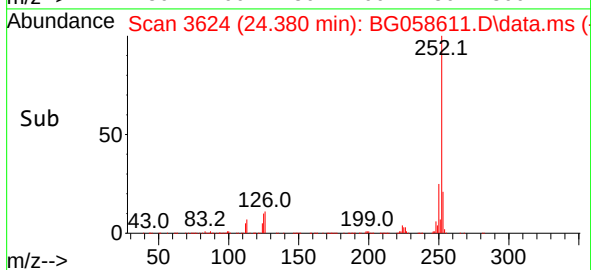
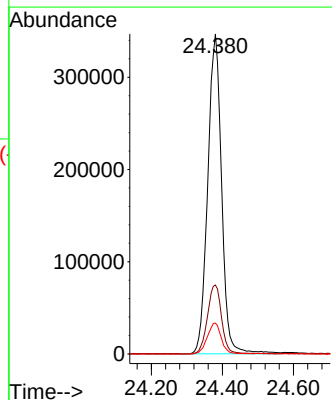
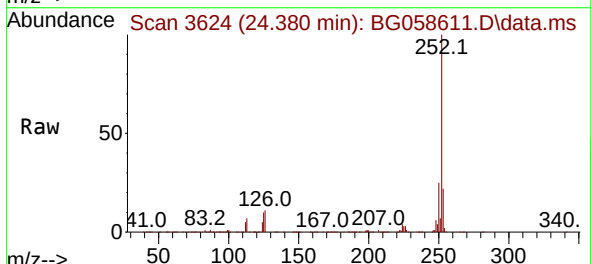
Instrument :
BNA_G
ClientSampleId :
RBR200018MS

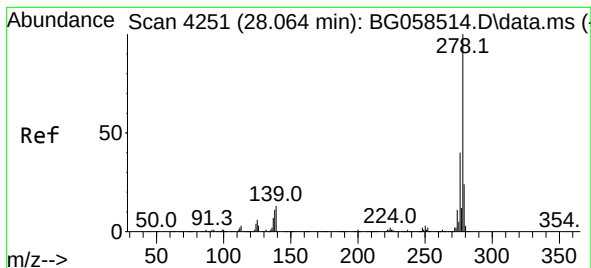
Tgt Ion:252 Resp: 1029993
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.5 6.6 10.0



#90
Benzo(a)pyrene
Concen: 45.974 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058611.D
Acq: 4 Aug 2023 14:48

Tgt Ion:252 Resp: 942610
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.6 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 48.203 ng

RT: 28.076 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Instrument :

BNA_G

ClientSampleId :

RBR200018MS

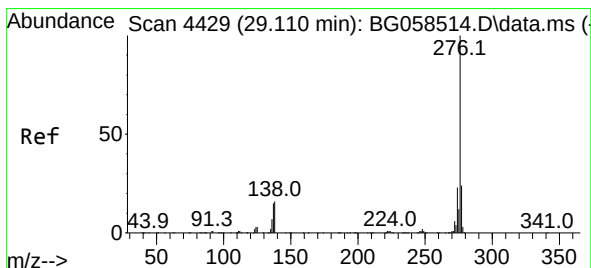
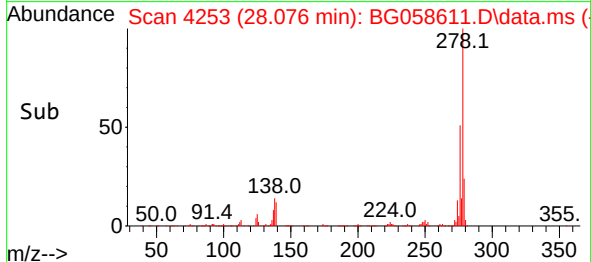
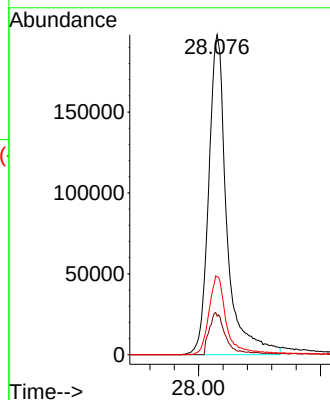
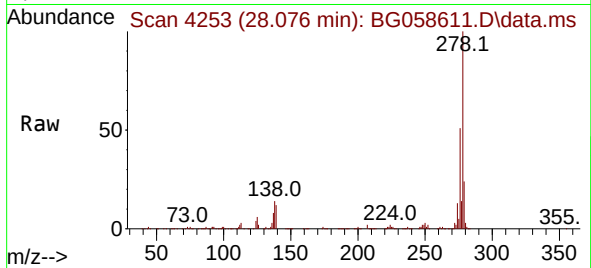
Tgt Ion:278 Resp: 1020673

Ion Ratio Lower Upper

278 100

139 12.1 10.4 15.6

279 24.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.138 ng

RT: 29.116 min Scan# 4430

Delta R.T. 0.006 min

Lab File: BG058611.D

Acq: 4 Aug 2023 14:48

Tgt Ion:276 Resp: 915927

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 16.9 13.0 19.4

