

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060713.D
 Acq On : 1 Apr 2024 13:11
 Operator : MA/JU
 Sample : PB159867BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159867BS

Quant Time: Apr 01 13:45:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	71367	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	314907	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	233861	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	587310	20.000	ng	0.00
76) Chrysene-d12	21.601	240	544613	20.000	ng	0.00
86) Perylene-d12	24.739	264	586171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	639791	149.344	ng	0.00
7) Phenol-d6	7.118	99	913340	143.627	ng	0.00
23) Nitrobenzene-d5	9.116	82	518926	94.030	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	405089	152.593	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1391793	87.344	ng	0.00
79) Terphenyl-d14	19.962	244	2520171	81.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	60211	34.281	ng	95
3) Pyridine	3.845	79	154869	29.232	ng	95
4) n-Nitrosodimethylamine	3.757	42	134178	42.369	ng	98
6) Aniline	7.283	93	153008	19.054	ng	99
8) 2-Chlorophenol	7.524	128	246638	50.782	ng	96
9) Benzaldehyde	7.095	77	17517	4.995	ng	98
10) Phenol	7.142	94	341198	52.574	ng	99
11) bis(2-Chloroethyl)ether	7.383	93	231818	44.242	ng	98
12) 1,3-Dichlorobenzene	7.847	146	235255	46.579	ng	97
13) 1,4-Dichlorobenzene	7.994	146	243799	47.314	ng	97
14) 1,2-Dichlorobenzene	8.311	146	237391	47.011	ng	98
15) Benzyl Alcohol	8.193	79	243136	47.201	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	529406	44.770	ng	99
17) 2-Methylphenol	8.393	107	231747	47.302	ng	97
18) Hexachloroethane	9.045	117	83455	45.602	ng	90
19) n-Nitroso-di-n-propyla...	8.769	70	204555	42.181	ng	# 96
20) 3+4-Methylphenols	8.722	107	311080	46.368	ng	96
22) Acetophenone	8.775	105	391561	45.094	ng	99
24) Nitrobenzene	9.157	77	276966	45.255	ng	98
25) Isophorone	9.680	82	566064	44.533	ng	98
26) 2-Nitrophenol	9.868	139	96659	45.481	ng	97
27) 2,4-Dimethylphenol	9.927	122	210033	41.134	ng	97
28) bis(2-Chloroethoxy)met...	10.167	93	342463	45.635	ng	99
29) 2,4-Dichlorophenol	10.397	162	247807	52.850	ng	99
30) 1,2,4-Trichlorobenzene	10.620	180	252173	47.496	ng	99
31) Naphthalene	10.808	128	774635	45.474	ng	99
32) Benzoic acid	10.062	122	155729	46.148	ng	93
33) 4-Chloroaniline	10.908	127	141163	17.841	ng	99
34) Hexachlorobutadiene	11.102	225	162576	45.945	ng	98
35) Caprolactam	11.754	113	40058	21.571	ng	96
36) 4-Chloro-3-methylphenol	12.030	107	304058	50.763	ng	97
37) 2-Methylnaphthalene	12.418	142	542991	43.357	ng	99
38) 1-Methylnaphthalene	12.629	142	520998	44.036	ng	97
40) 1,2,4,5-Tetrachloroben...	12.782	216	313786	46.672	ng	99
41) Hexachlorocyclopentadiene	12.770	237	296263	86.662	ng	98
43) 2,4,6-Trichlorophenol	13.017	196	223050	51.523	ng	96

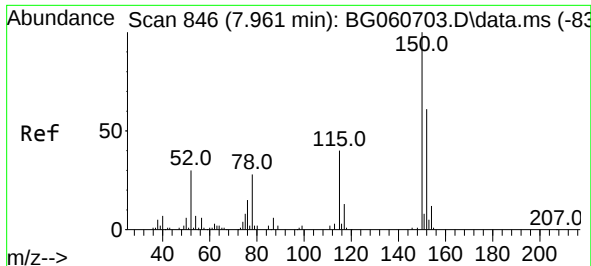
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	248575	48.114	ng	98
46) 1,1'-Biphenyl	13.422	154	768738	46.538	ng	100
47) 2-Chloronaphthalene	13.464	162	602129	47.978	ng	97
48) 2-Nitroaniline	13.658	65	204950	50.003	ng	98
49) Acenaphthylene	14.310	152	1040628	49.348	ng	100
50) Dimethylphthalate	14.051	163	877129	47.452	ng	99
51) 2,6-Dinitrotoluene	14.157	165	168247	50.630	ng	96
52) Acenaphthene	14.650	154	601199	45.408	ng	99
53) 3-Nitroaniline	14.486	138	115765	32.843	ng	99
54) 2,4-Dinitrophenol	14.692	184	157971	122.778	ng	89
55) Dibenzofuran	14.991	168	976396	46.753	ng	100
56) 4-Nitrophenol	14.791	139	324046	119.917	ng	90
57) 2,4-Dinitrotoluene	14.944	165	232369	53.309	ng	97
58) Fluorene	15.638	166	785406	46.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	237861	52.830	ng	98
60) Diethylphthalate	15.420	149	882371	47.447	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	405689	45.751	ng	97
62) 4-Nitroaniline	15.649	138	185193	54.798	ng	98
63) Azobenzene	15.931	77	857156	47.300	ng	99
65) 4,6-Dinitro-2-methylph...	15.708	198	108131	45.109	ng	93
66) n-Nitrosodiphenylamine	15.849	169	752580	44.841	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	267580	44.893	ng	98
68) Hexachlorobenzene	16.642	284	319085	47.422	ng	98
69) Atrazine	16.801	200	223758	38.125	ng	99
70) Pentachlorophenol	16.983	266	419751	95.607	ng	99
71) Phenanthrene	17.377	178	1378618	45.134	ng	98
72) Anthracene	17.471	178	1382008	44.552	ng	100
73) Carbazole	17.735	167	1263948	46.214	ng	99
74) Di-n-butylphthalate	18.323	149	1531280	44.908	ng	99
75) Fluoranthene	19.386	202	1649867	44.513	ng	99
77) Benzidine	19.568	184	341335	23.802	ng	100
78) Pyrene	19.750	202	1706504	44.803	ng	99
80) Butylbenzylphthalate	20.661	149	661777	47.629	ng	99
81) Benzo(a)anthracene	21.578	228	1761223	45.878	ng	98
82) 3,3'-Dichlorobenzidine	21.495	252	499569	38.540	ng	98
83) Chrysene	21.642	228	1663963	44.970	ng	98
84) Bis(2-ethylhexyl)phtha...	21.531	149	1028874	46.459	ng	99
85) Di-n-octyl phthalate	22.735	149	1732116	48.011	ng	98
87) Indeno(1,2,3-cd)pyrene	28.305	276	2112099	51.167	ng	98
88) Benzo(b)fluoranthene	23.752	252	1741332	51.709	ng	98
89) Benzo(k)fluoranthene	23.822	252	1768319	51.303	ng	99
90) Benzo(a)pyrene	24.598	252	1594151	48.712	ng	98
91) Dibenzo(a,h)anthracene	28.387	278	1786131	51.331	ng	97
92) Benzo(g,h,i)perylene	29.416	276	1679064	49.605	ng	99

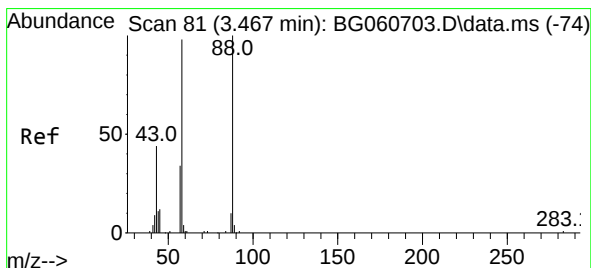
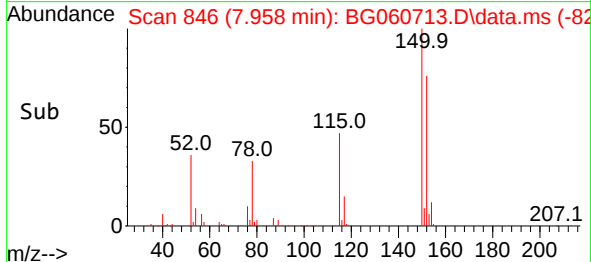
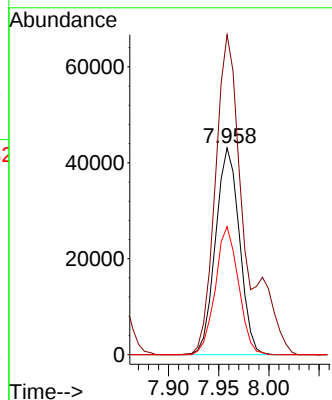
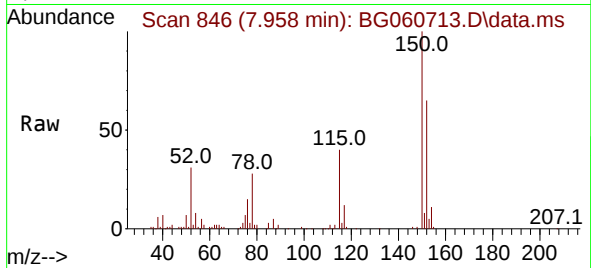
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060713.D
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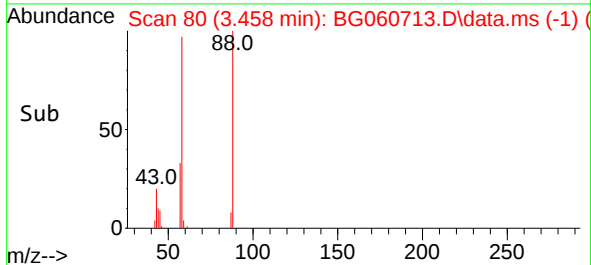
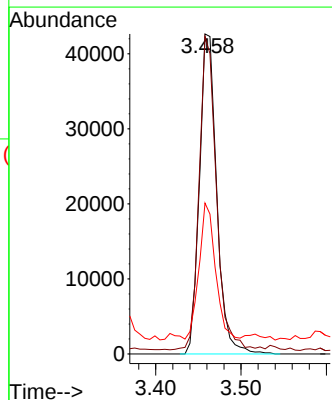
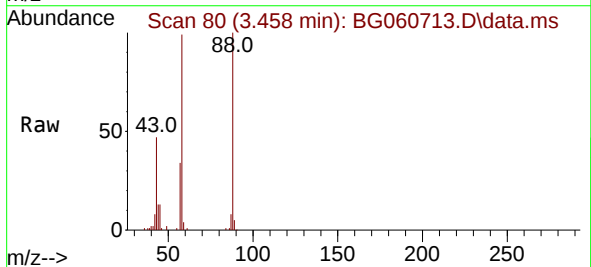
Instrument :
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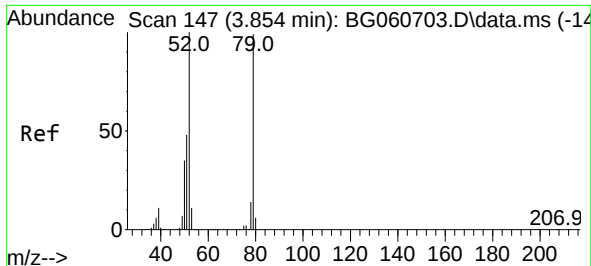
Tgt Ion:152 Resp: 71367
Ion Ratio Lower Upper
152 100
150 154.7 130.2 195.4
115 61.9 51.6 77.4



#2
1,4-Dioxane
Concen: 34.281 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

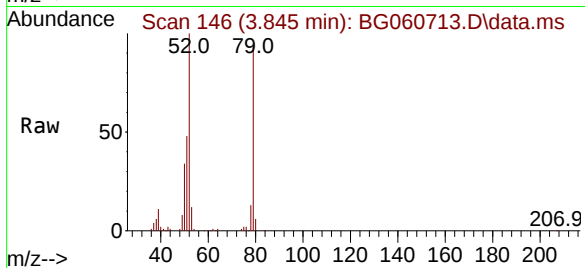
Tgt Ion: 88 Resp: 60211
Ion Ratio Lower Upper
88 100
58 96.7 80.9 121.3
43 39.9 35.4 53.0



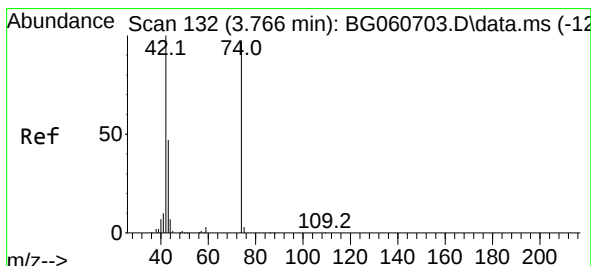
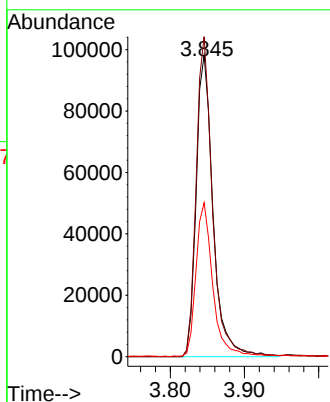
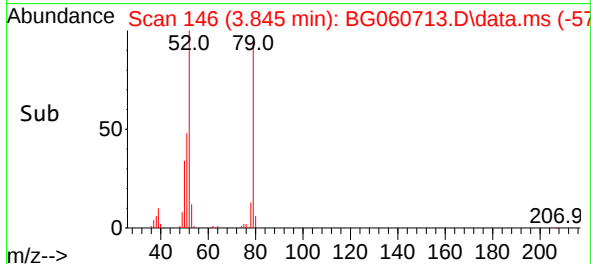


#3
Pyridine
Concen: 29.232 ng
RT: 3.845 min Scan# 147
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

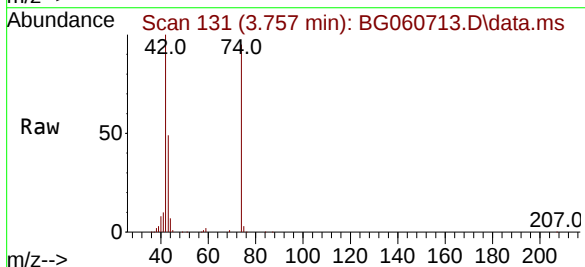
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ClientSampleId :
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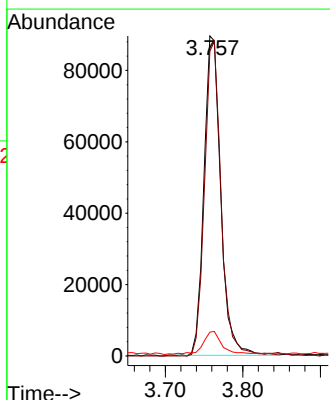
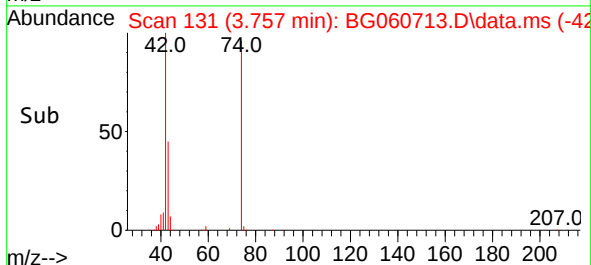
Tgt Ion: 79 Resp: 154869
Ion Ratio Lower Upper
79 100
52 106.1 80.6 120.8
51 51.1 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 42.369 ng
RT: 3.757 min Scan# 131
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion: 42 Resp: 134178
Ion Ratio Lower Upper
42 100
74 95.2 77.8 116.8
44 7.5 6.8 10.2

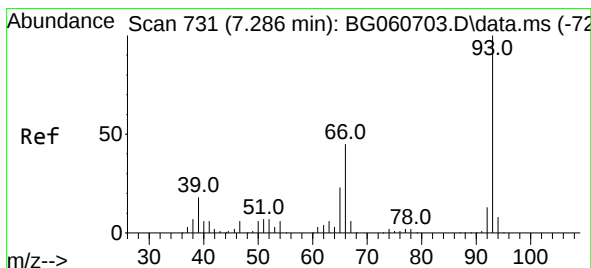
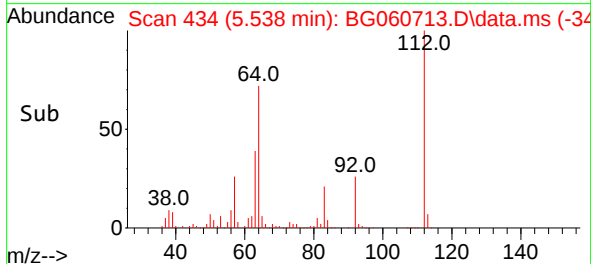
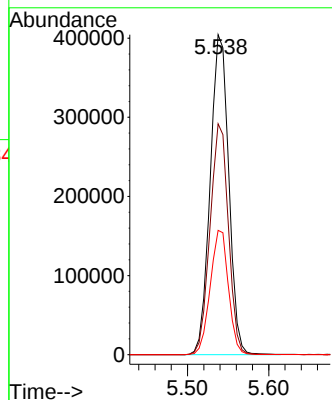
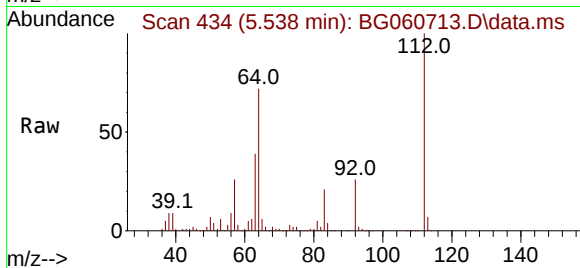




#5
2-Fluorophenol
Concen: 149.344 ng
RT: 5.538 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

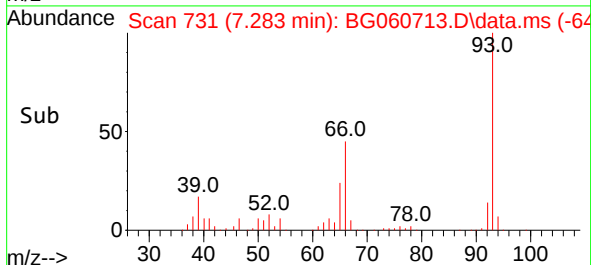
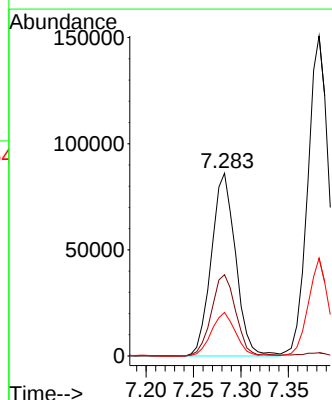
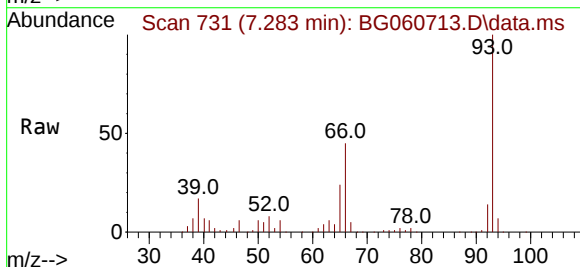
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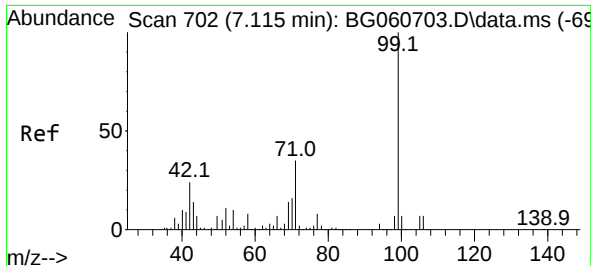
Tgt Ion:112 Resp: 639791
Ion Ratio Lower Upper
112 100
64 72.1 58.4 87.6
63 38.8 32.7 49.1



#6
Aniline
Concen: 19.054 ng
RT: 7.283 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion: 93 Resp: 153008
Ion Ratio Lower Upper
93 100
66 44.5 36.1 54.1
65 23.8 18.1 27.1

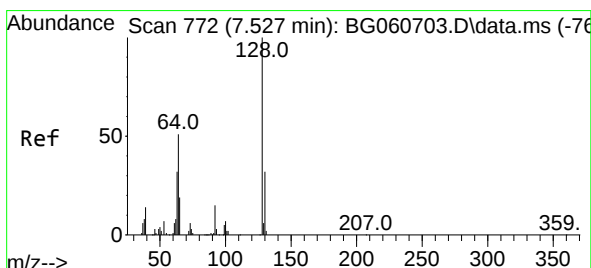
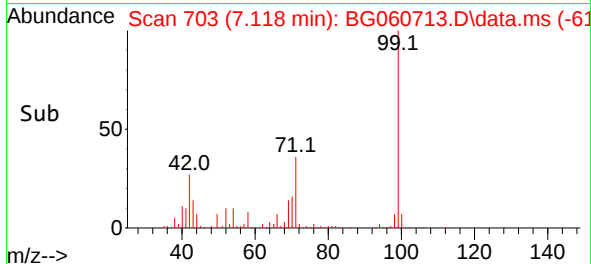
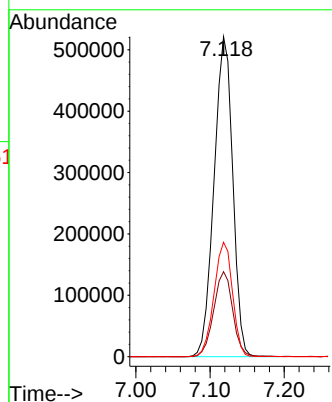
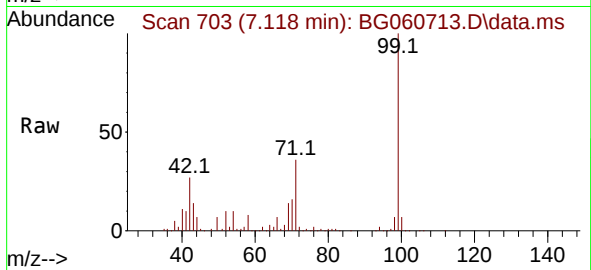




#7
Phenol-d6
Concen: 143.627 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

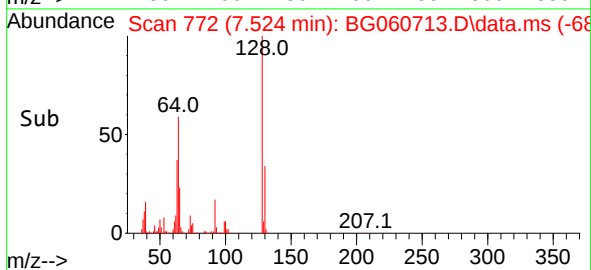
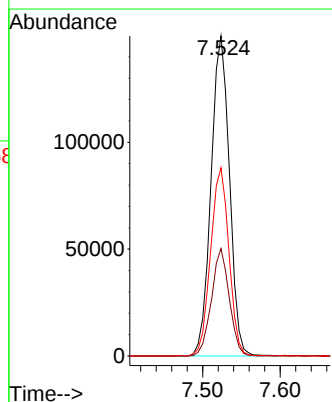
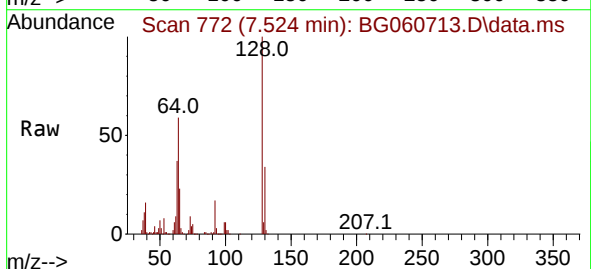
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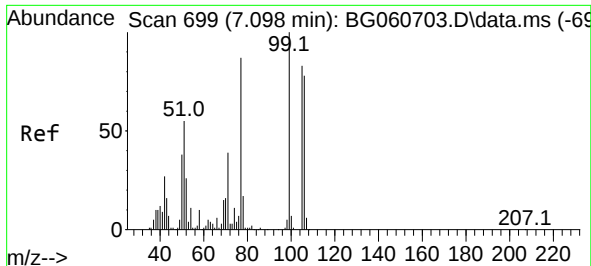
Tgt Ion: 99 Resp: 913340
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 35.8 28.2 42.2



#8
2-Chlorophenol
Concen: 50.782 ng
RT: 7.524 min Scan# 772
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion: 128 Resp: 246638
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 58.8 35.0 75.0

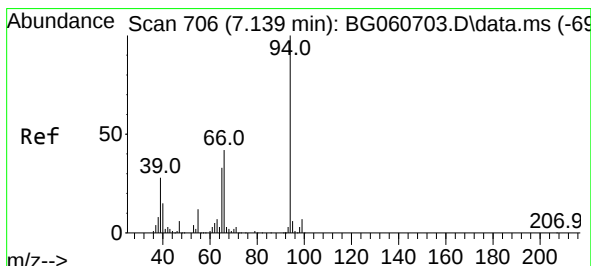
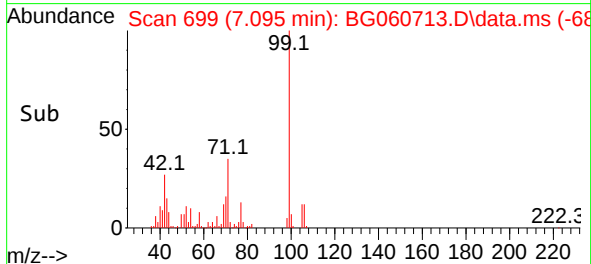
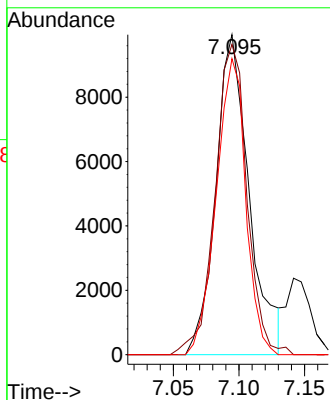
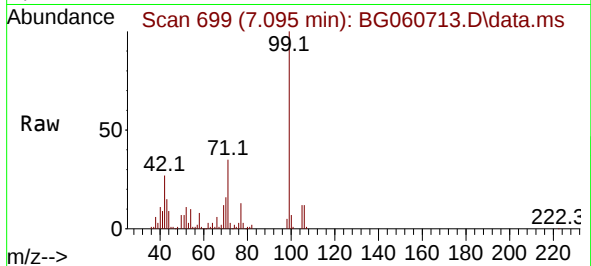




#9
Benzaldehyde
Concen: 4.995 ng
RT: 7.095 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

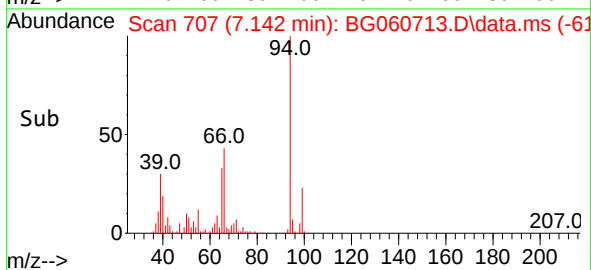
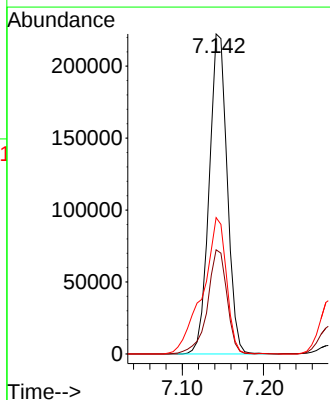
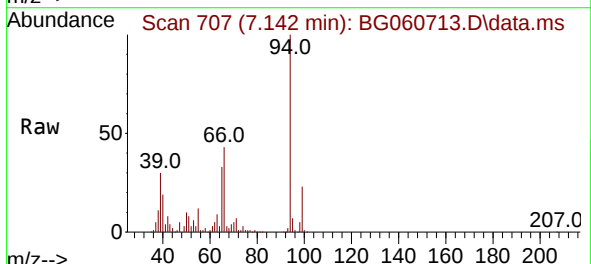
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ClientSampleId :
PB159867BS

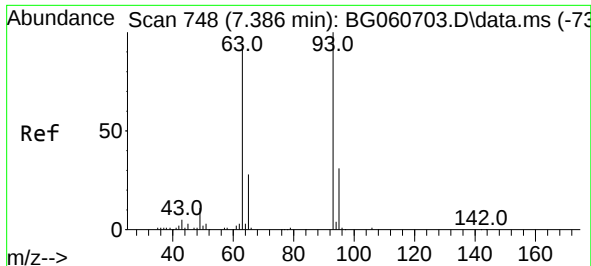
Tgt Ion: 77 Resp: 17517
Ion Ratio Lower Upper
77 100
105 97.0 76.0 116.0
106 92.5 70.3 110.3



#10
Phenol
Concen: 52.574 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

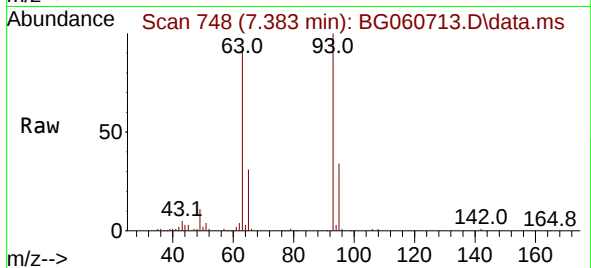
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Ion Ratio Lower Upper
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65 32.5 13.3 53.3
66 42.6 22.9 62.9





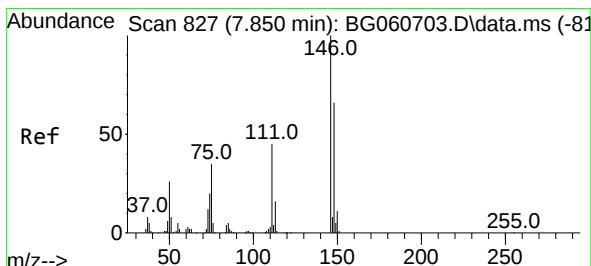
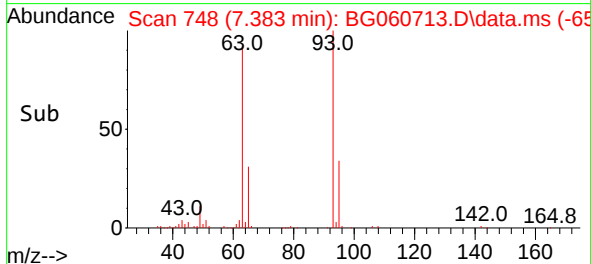
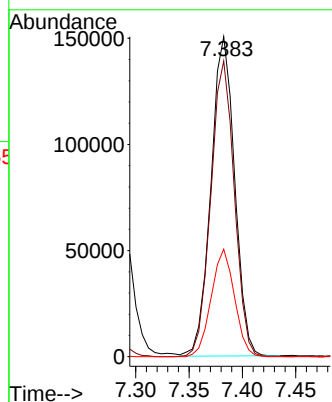
#11
bis(2-Chloroethyl)ether
Concen: 44.242 ng
RT: 7.383 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion: 93 Resp: 231818

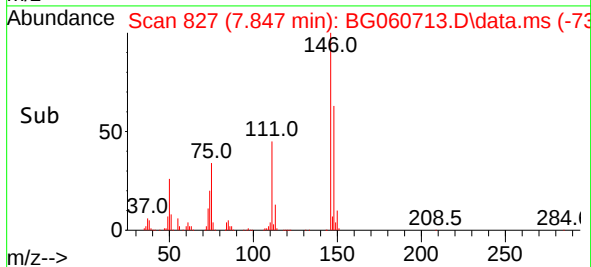
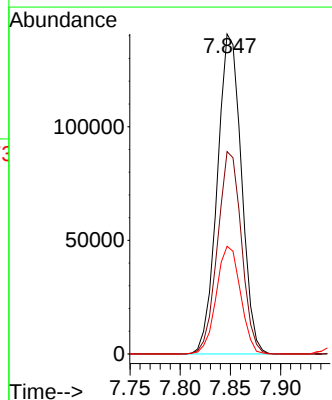
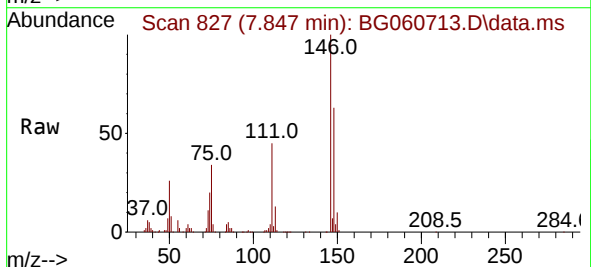
Ion	Ratio	Lower	Upper
93	100		
63	92.4	73.7	113.7
95	33.6	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 46.579 ng
RT: 7.847 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion: 146 Resp: 235255

Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.0	79.4
75	33.7	28.1	42.1

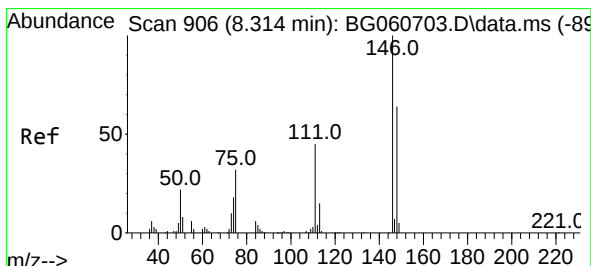
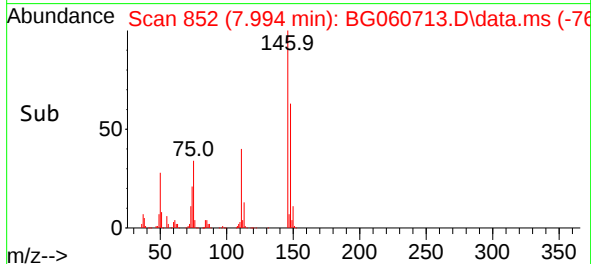
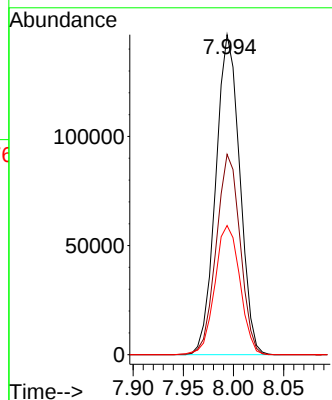
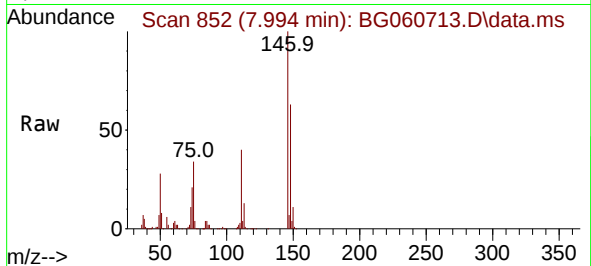




#13
1,4-Dichlorobenzene
Concen: 47.314 ng
RT: 7.994 min Scan# 852
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

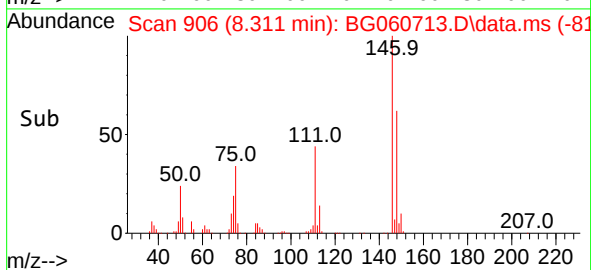
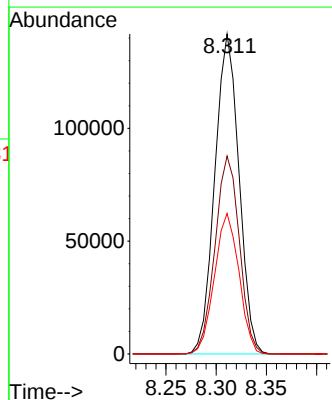
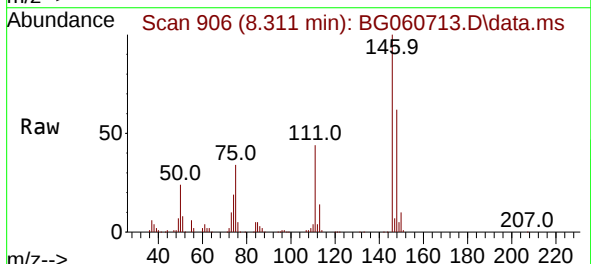
Instrument :
BNA_G
ClientSampleId :
PB159867BS

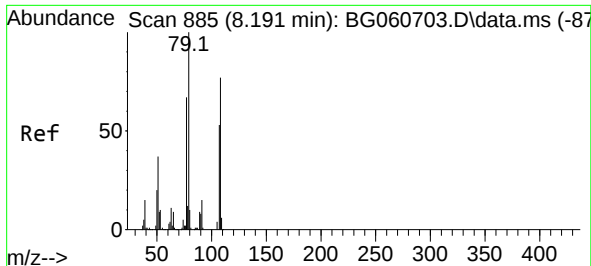
Tgt Ion:146 Resp: 243799
Ion Ratio Lower Upper
146 100
148 62.6 51.1 76.7
111 40.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 47.011 ng
RT: 8.311 min Scan# 906
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:146 Resp: 237391
Ion Ratio Lower Upper
146 100
148 61.8 51.0 76.6
111 43.9 36.0 54.0

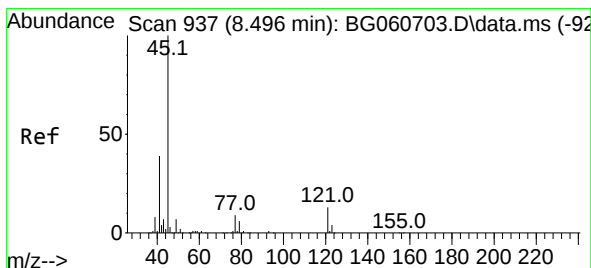
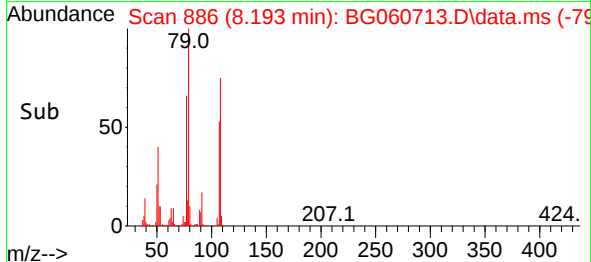
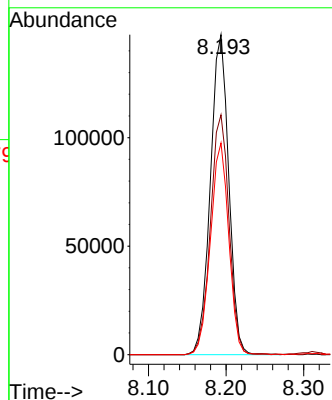
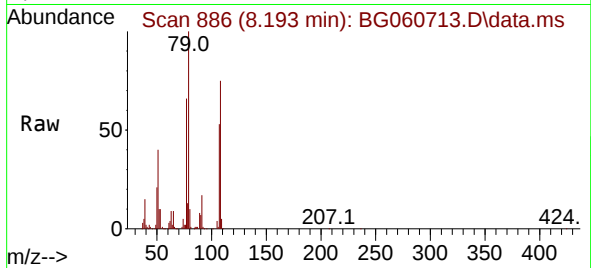




#15
Benzyl Alcohol
Concen: 47.201 ng
RT: 8.193 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

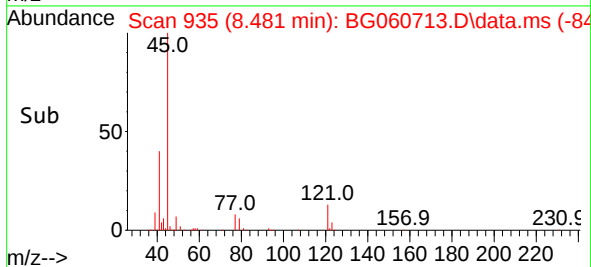
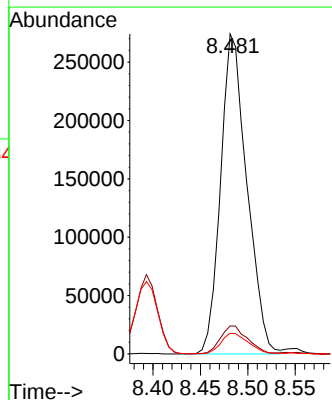
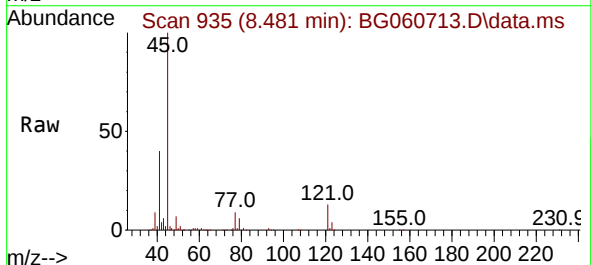
Instrument :
BNA_G
ClientSampleId :
PB159867BS

Tgt Ion: 79 Resp: 243136
Ion Ratio Lower Upper
79 100
108 74.9 61.4 92.0
77 66.1 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.770 ng
RT: 8.481 min Scan# 935
Delta R.T. -0.015 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

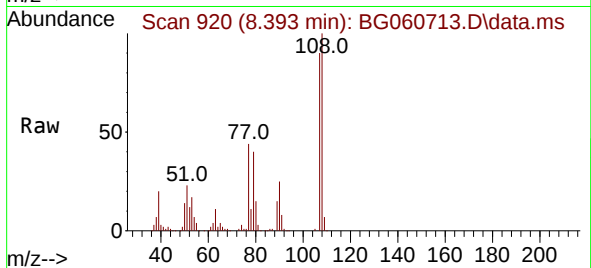
Tgt Ion: 45 Resp: 529406
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.1
79 6.4 0.0 26.5



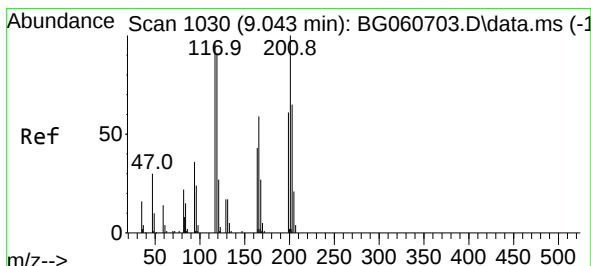
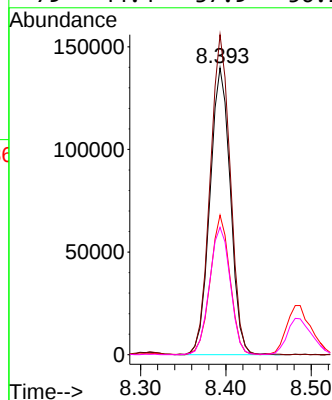
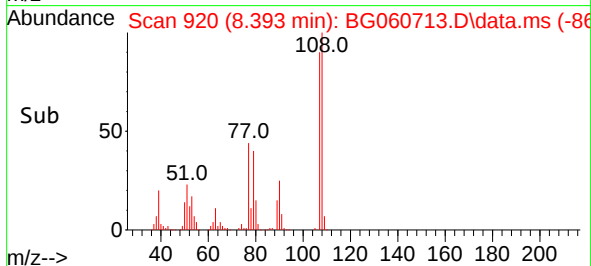


#17
2-Methylphenol
Concen: 47.302 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :
BNA_G
ClientSampleId :
PB159867BS

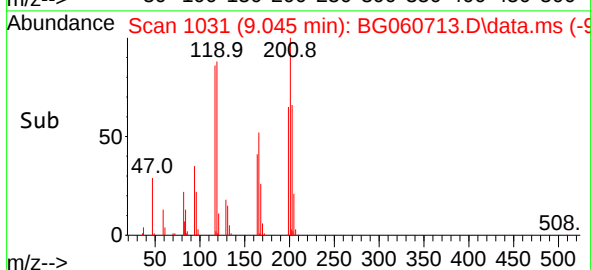
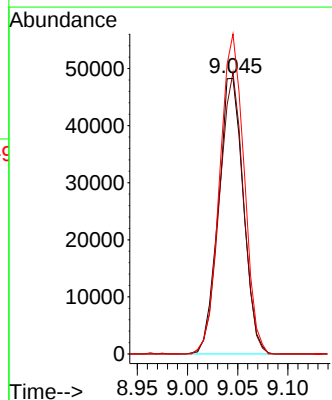
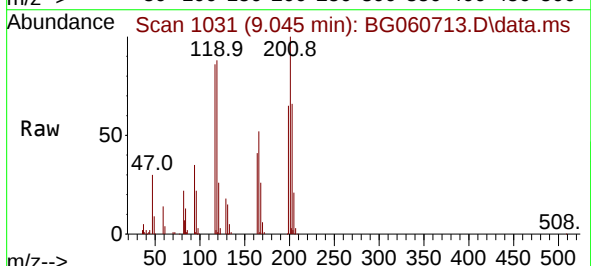


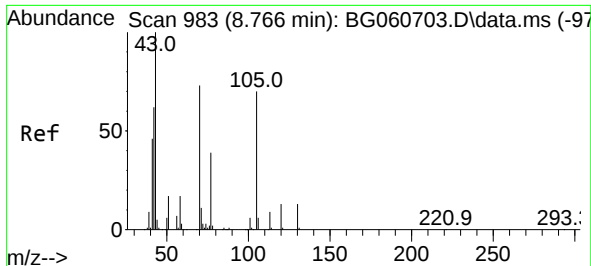
Tgt Ion:	107	Resp:	231747
Ion	Ratio	Lower	Upper
107	100		
108	111.5	86.4	129.6
77	48.6	38.6	58.0
79	44.4	37.9	56.9



#18
Hexachloroethane
Concen: 45.602 ng
RT: 9.045 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:	117	Resp:	83455
Ion	Ratio	Lower	Upper
117	100		
119	102.1	75.7	113.5
201	116.1	83.4	125.2

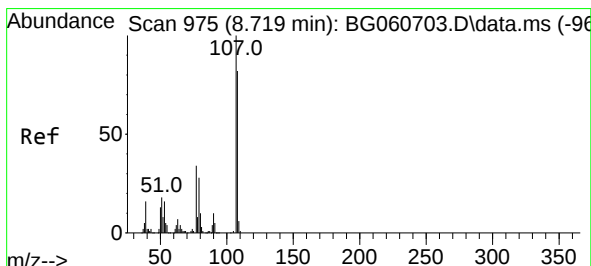
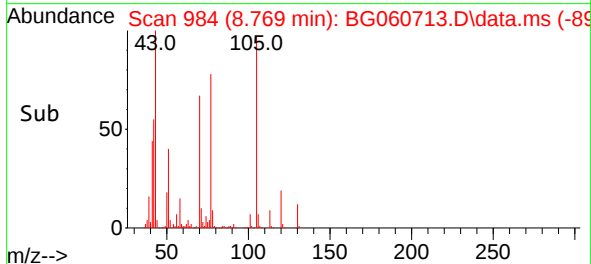
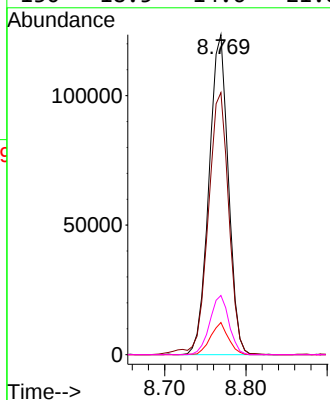
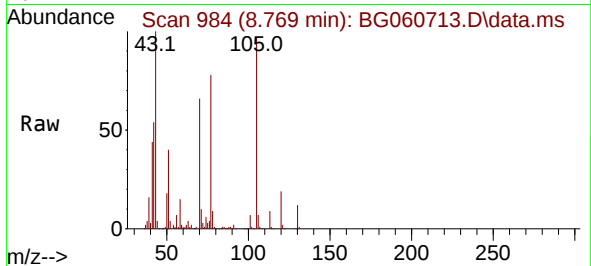




#19
n-Nitroso-di-n-propylamine
Concen: 42.181 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

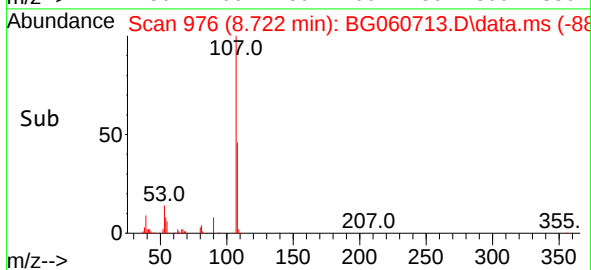
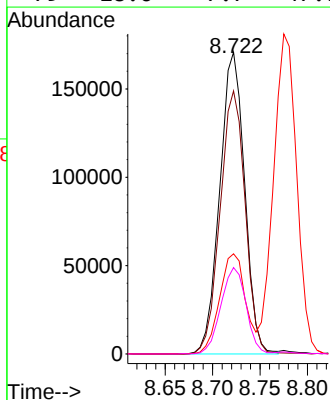
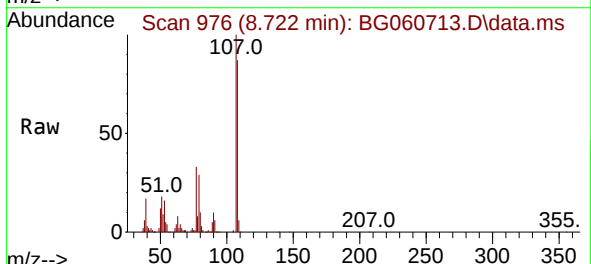
Instrument :
BNA_G
ClientSampleId :
PB159867BS

Tgt Ion: 70 Resp: 204555
Ion Ratio Lower Upper
70 100
42 81.9 68.4 102.6
101 10.0 6.1 9.1#
130 18.5 14.6 21.8



#20
3+4-Methylphenols
Concen: 46.368 ng
RT: 8.722 min Scan# 976
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion: 107 Resp: 311080
Ion Ratio Lower Upper
107 100
108 87.2 62.2 102.2
77 33.2 14.1 54.1
79 28.6 7.7 47.7

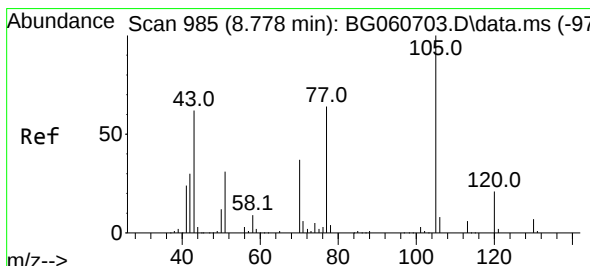
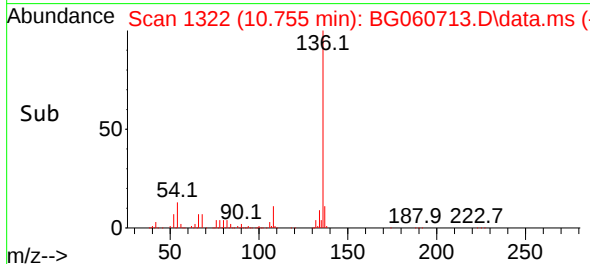
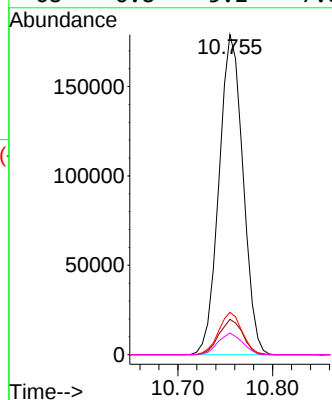
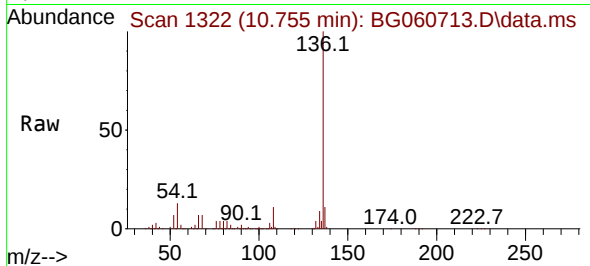




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

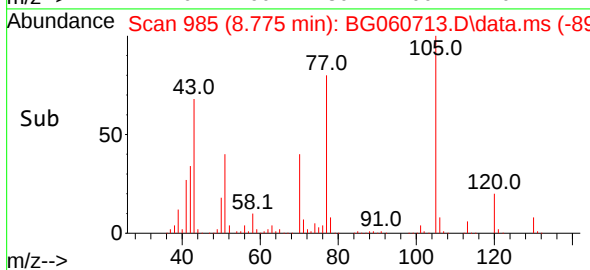
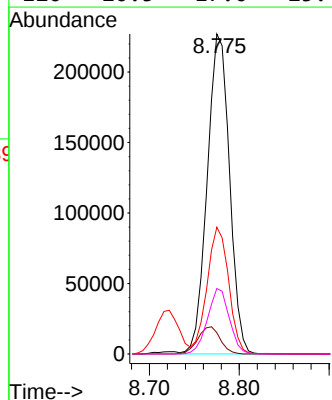
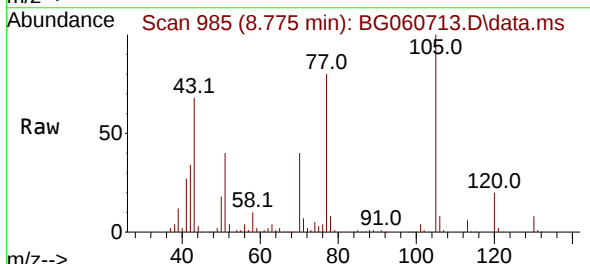
Instrument :
BNA_G
ClientSampleId :
PB159867BS

Tgt Ion:136 Resp: 314907
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.3 10.2 15.2
68 6.8 5.2 7.8



#22
Acetophenone
Concen: 45.094 ng
RT: 8.775 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:105 Resp: 391561
Ion Ratio Lower Upper
105 100
71 6.7 4.9 7.3
51 39.6 31.1 46.7
120 20.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 94.030 ng

RT: 9.116 min Scan# 1043

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

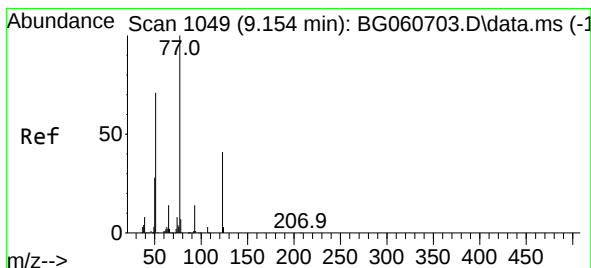
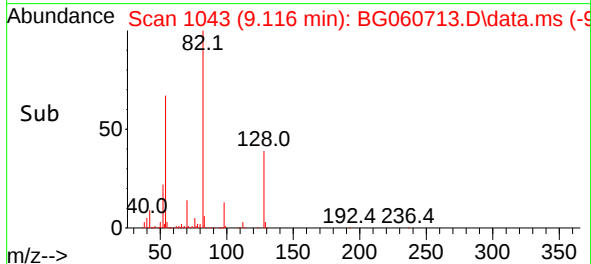
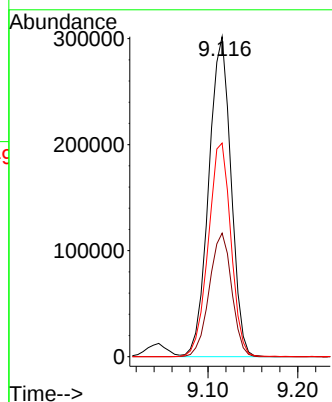
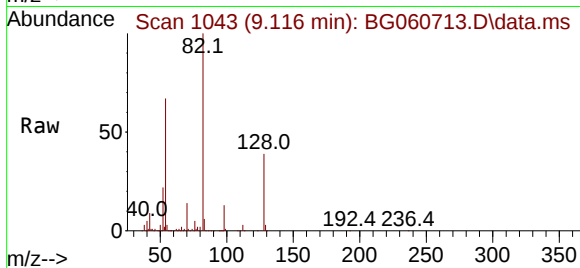
Tgt Ion: 82 Resp: 518926

Ion Ratio Lower Upper

82 100

128 38.6 31.2 46.8

54 66.8 53.2 79.8



#24

Nitrobenzene

Concen: 45.255 ng

RT: 9.157 min Scan# 1050

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

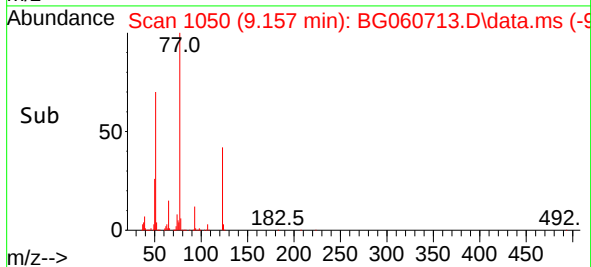
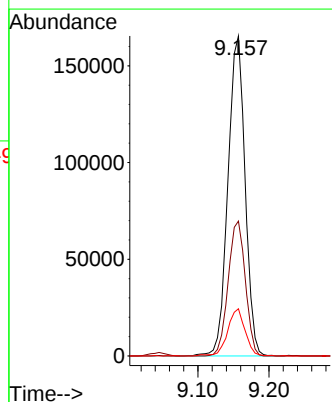
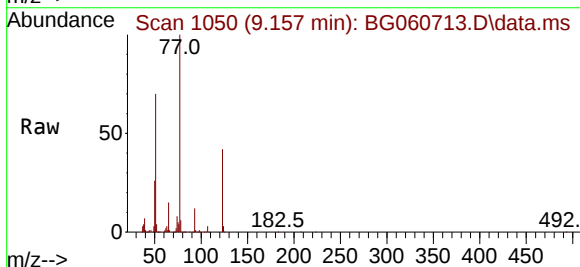
Tgt Ion: 77 Resp: 276966

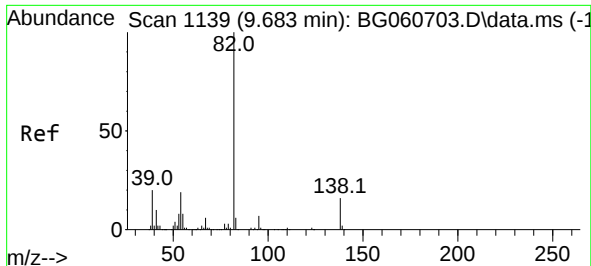
Ion Ratio Lower Upper

77 100

123 42.1 32.7 49.1

65 14.8 11.3 16.9

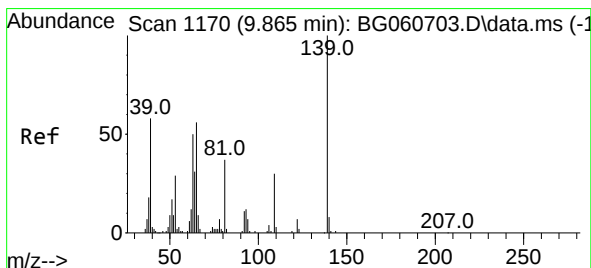
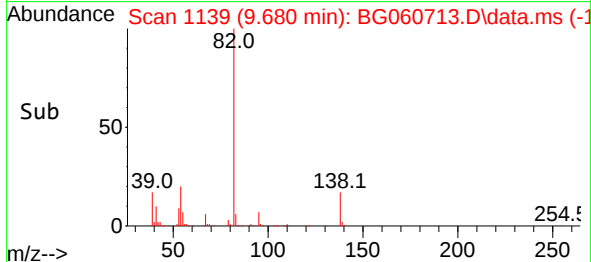
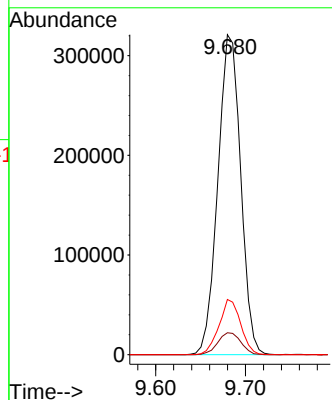
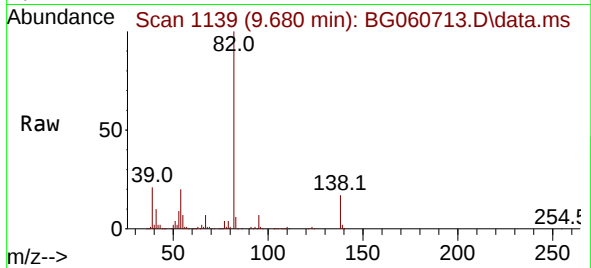




#25
Isophorone
Concen: 44.533 ng
RT: 9.680 min Scan# 1139
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

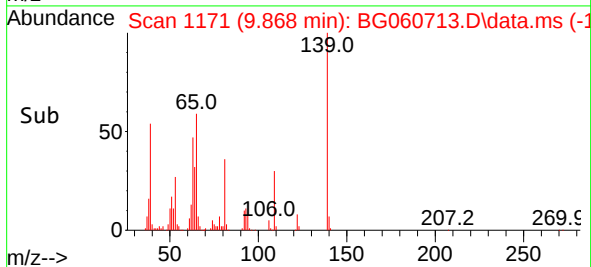
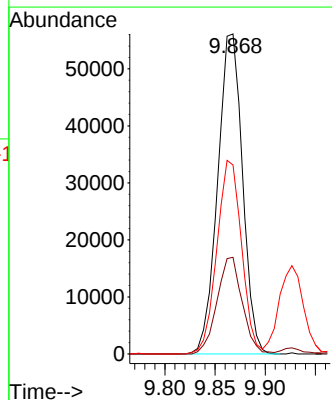
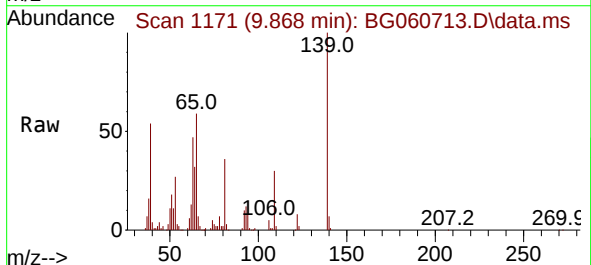
Instrument :
BNA_G
ClientSampleId :
PB159867BS

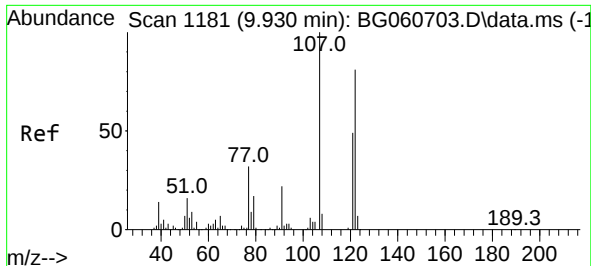
Tgt Ion: 82 Resp: 566064
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 17.2 13.0 19.4



#26
2-Nitrophenol
Concen: 45.481 ng
RT: 9.868 min Scan# 1171
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:139 Resp: 96659
Ion Ratio Lower Upper
139 100
109 30.2 23.9 35.9
65 59.1 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 41.134 ng

RT: 9.927 min Scan# 1181

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

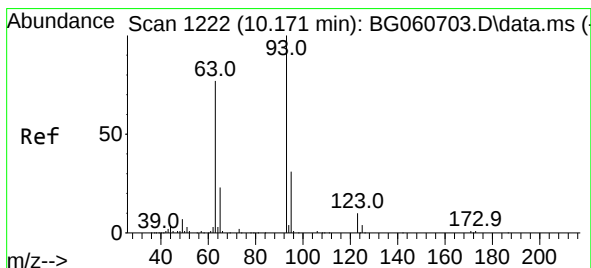
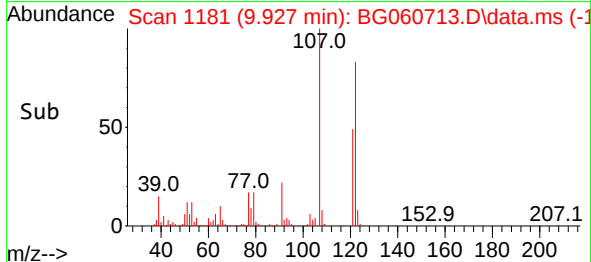
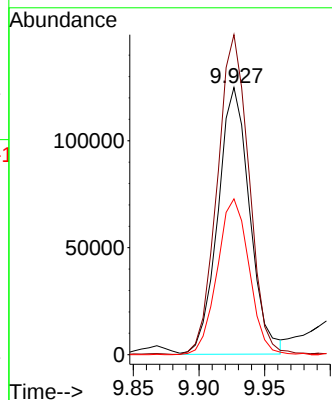
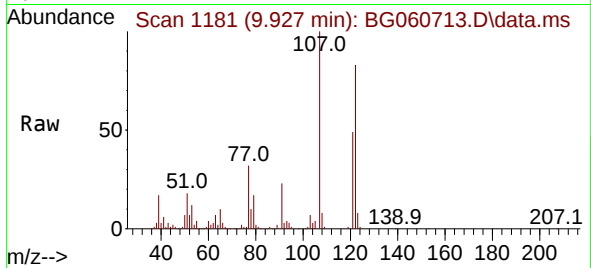
Tgt Ion:122 Resp: 210033

Ion Ratio Lower Upper

122 100

107 119.8 98.6 147.8

121 58.3 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.635 ng

RT: 10.167 min Scan# 1222

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

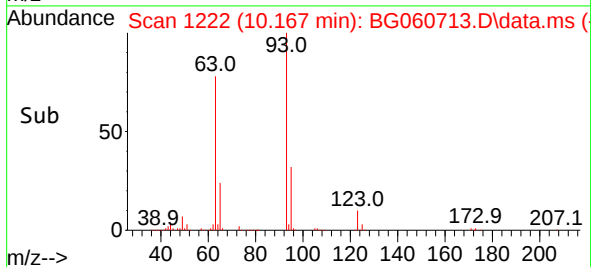
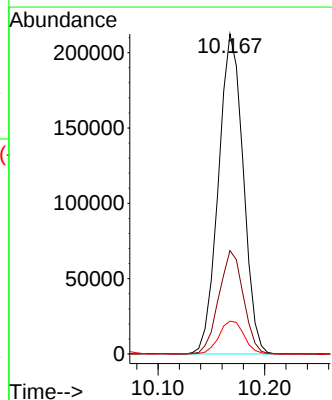
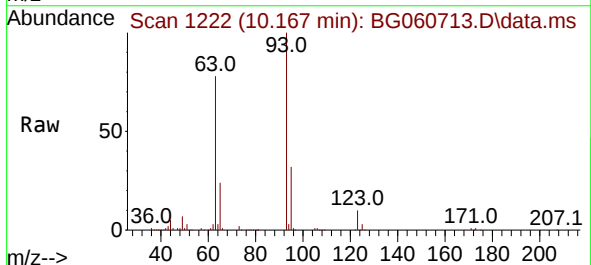
Tgt Ion: 93 Resp: 342463

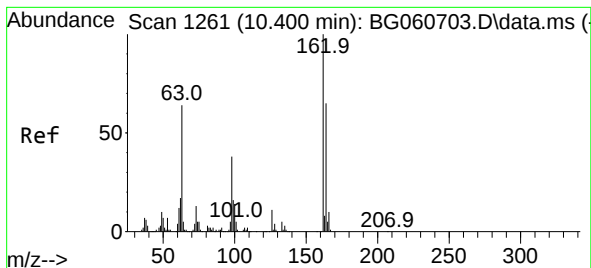
Ion Ratio Lower Upper

93 100

95 32.3 25.1 37.7

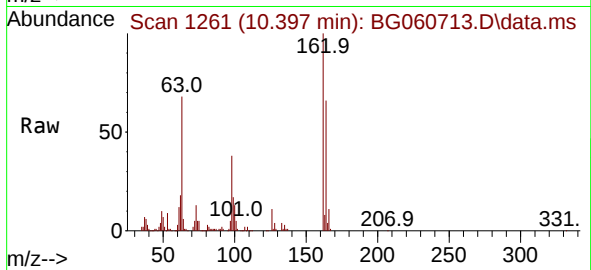
123 10.3 8.0 12.0



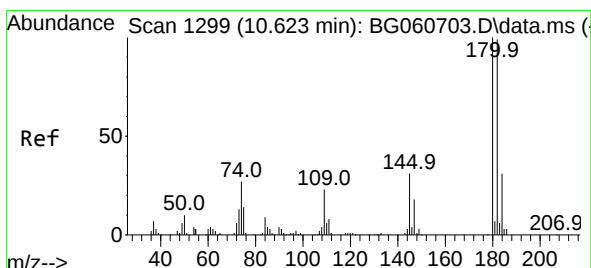
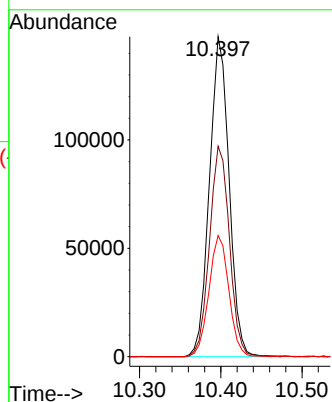
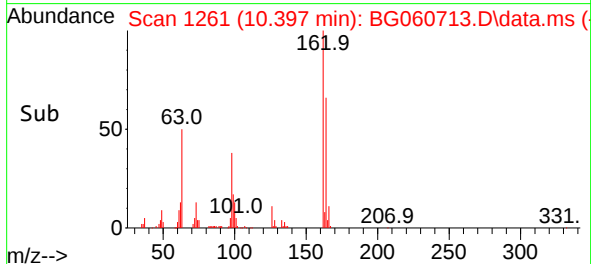


#29
2,4-Dichlorophenol
Concen: 52.850 ng
RT: 10.397 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

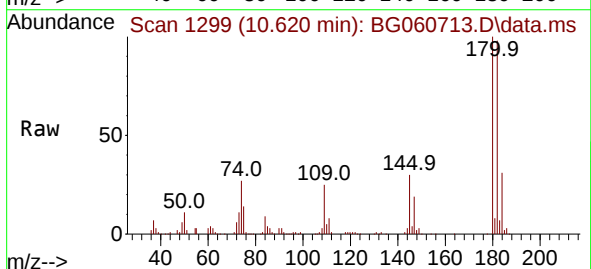
Instrument :
BNA_G
ClientSampleId :
PB159867BS



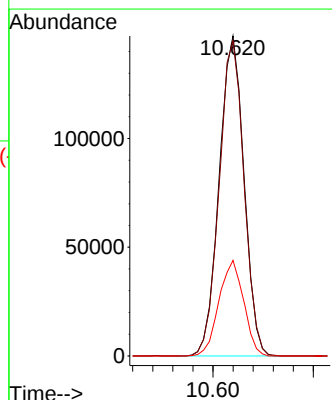
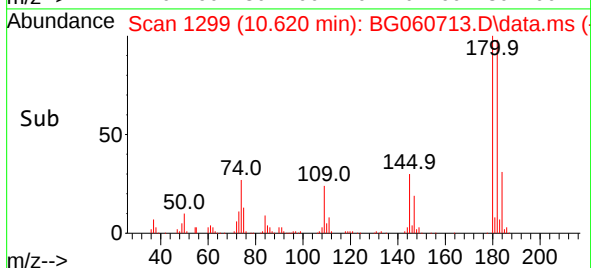
Tgt Ion:162 Resp: 247807
Ion Ratio Lower Upper
162 100
164 65.8 45.2 85.2
98 37.9 17.7 57.7

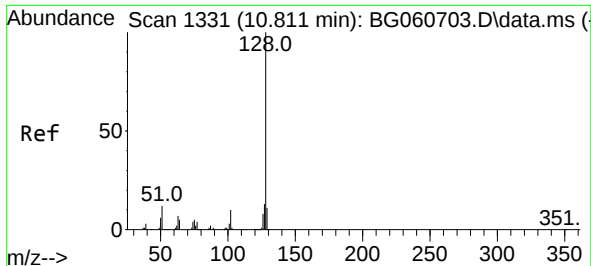


#30
1,2,4-Trichlorobenzene
Concen: 47.496 ng
RT: 10.620 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:180 Resp: 252173
Ion Ratio Lower Upper
180 100
182 98.5 79.0 118.4
145 29.8 24.9 37.3

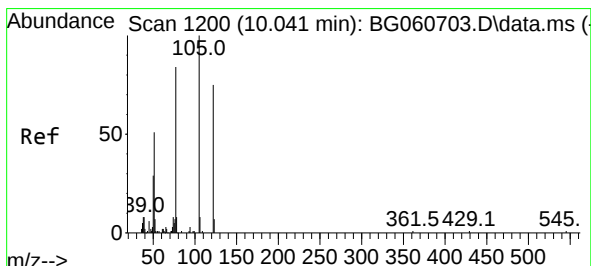
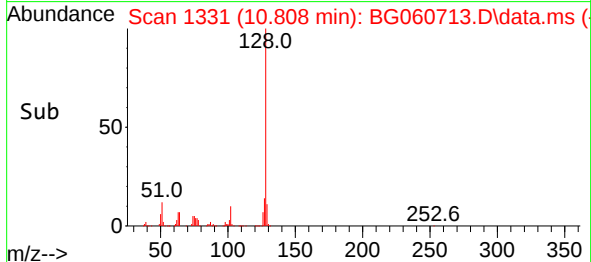
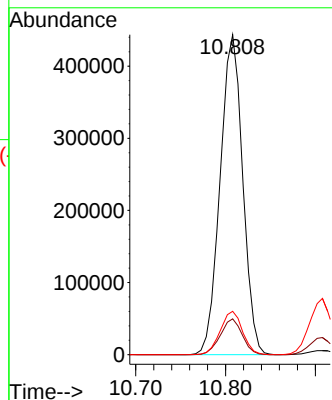
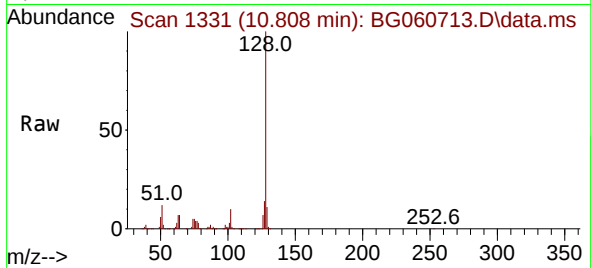




#31
Naphthalene
Concen: 45.474 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

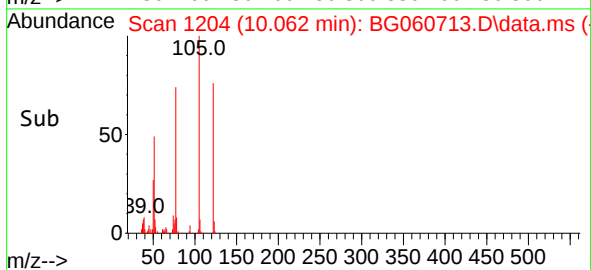
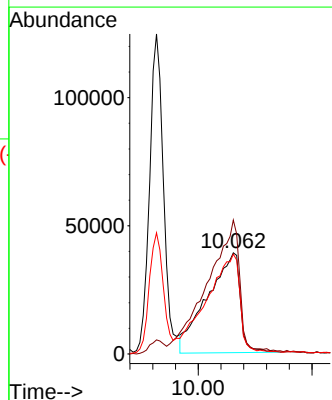
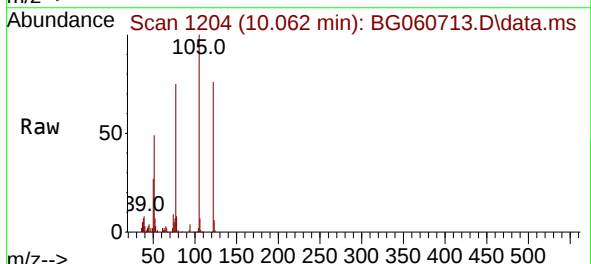
Instrument :
BNA_G
ClientSampleId :
PB159867BS

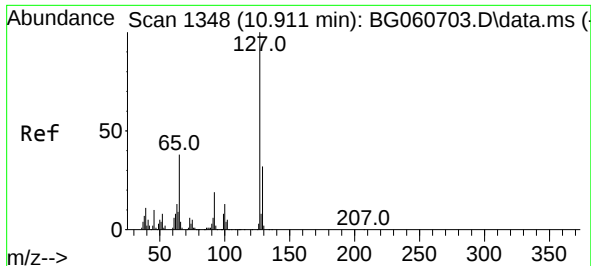
Tgt Ion:128 Resp: 774635
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 46.148 ng
RT: 10.062 min Scan# 1204
Delta R.T. 0.021 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

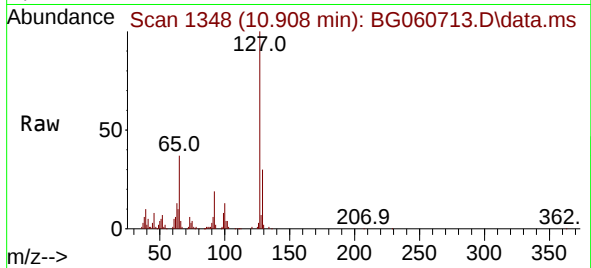
Tgt Ion:122 Resp: 155729
Ion Ratio Lower Upper
122 100
105 132.3 104.5 144.5
77 98.6 85.3 125.3



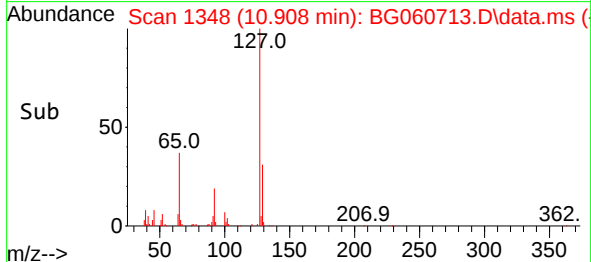
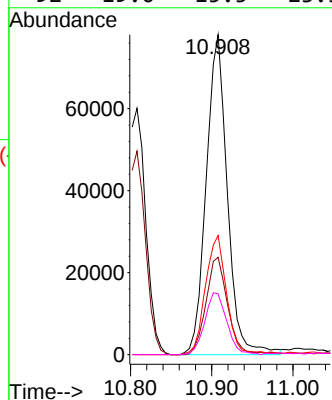


#33
4-Chloroaniline
Concen: 17.841 ng
RT: 10.908 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :
BNA_G
ClientSampleId :
PB159867BS

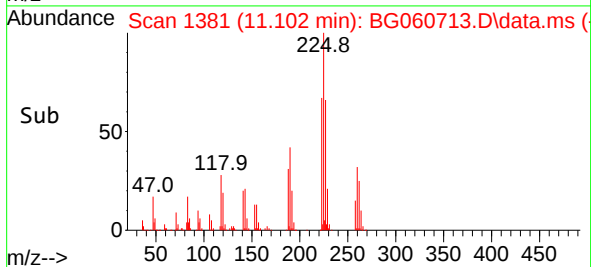
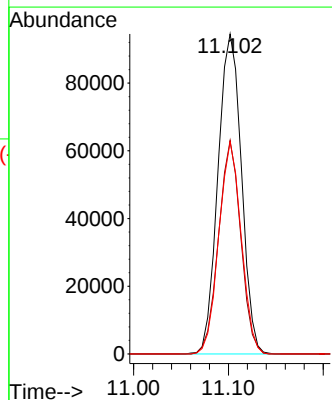
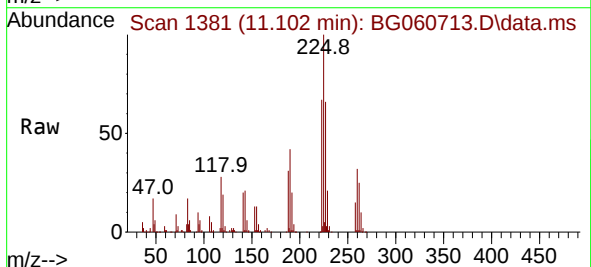


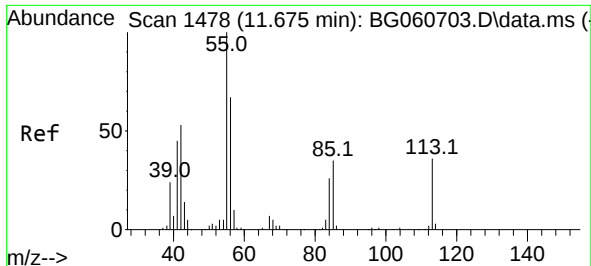
Tgt Ion:	127	Resp:	141163
Ion Ratio	Lower	Upper	
127	100		
129	30.4	25.3	37.9
65	37.3	30.2	45.2
92	19.0	15.5	23.3



#34
Hexachlorobutadiene
Concen: 45.945 ng
RT: 11.102 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:	225	Resp:	162576
Ion Ratio	Lower	Upper	
225	100		
223	66.7	52.0	78.0
227	66.3	52.5	78.7

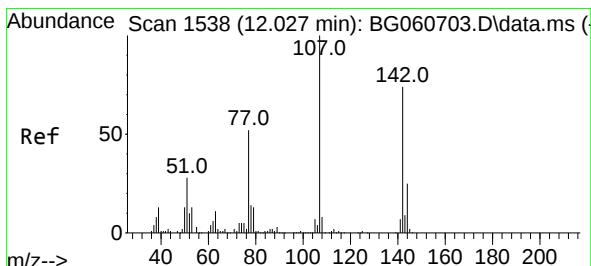
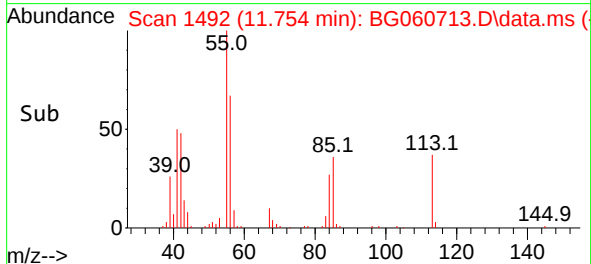
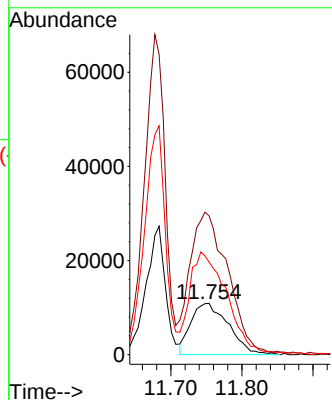
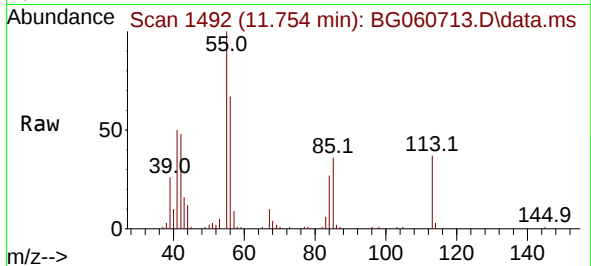




#35
 Caprolactam
 Concen: 21.571 ng
 RT: 11.754 min Scan# 1478
 Delta R.T. 0.079 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

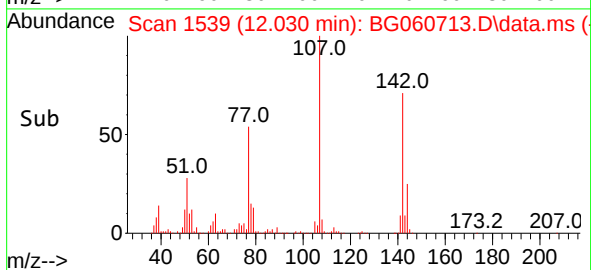
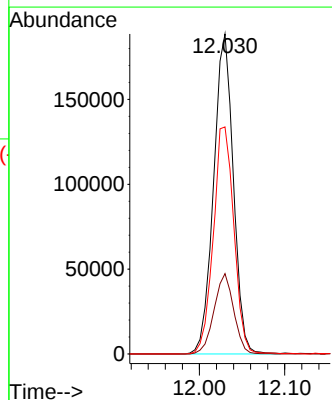
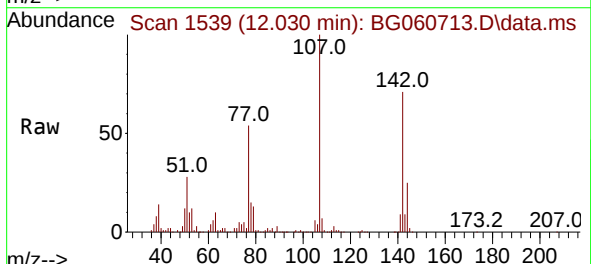
Instrument :
 BNA_G
 ClientSampleId :
 PB159867BS

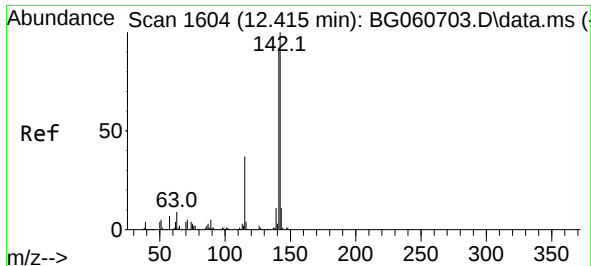
Tgt Ion:113 Resp: 40058
 Ion Ratio Lower Upper
 113 100
 55 270.2 258.0 298.0
 56 180.1 166.3 206.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.763 ng
 RT: 12.030 min Scan# 1539
 Delta R.T. 0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

Tgt Ion:107 Resp: 304058
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 71.0 59.2 88.8

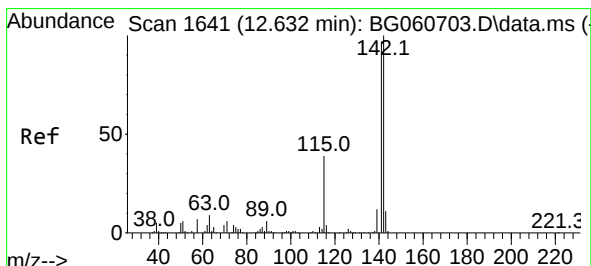
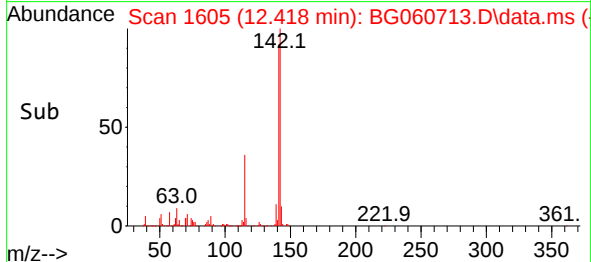
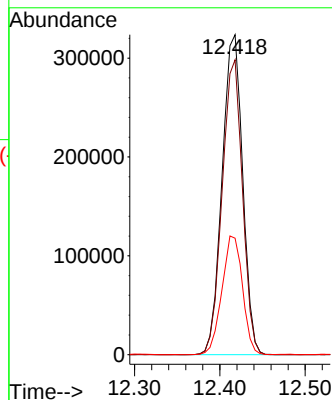
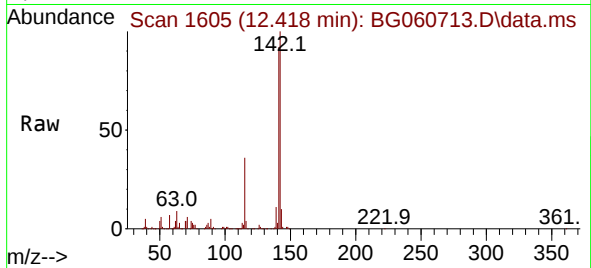




#37
2-Methylnaphthalene
Concen: 43.357 ng
RT: 12.418 min Scan# 1605
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

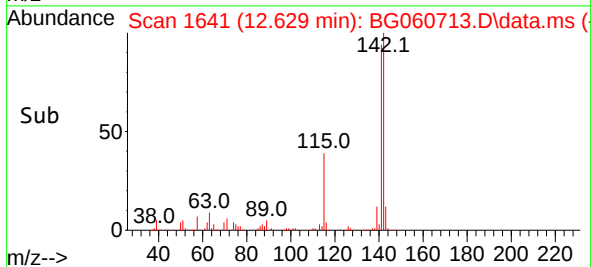
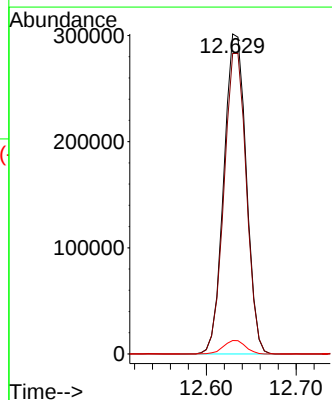
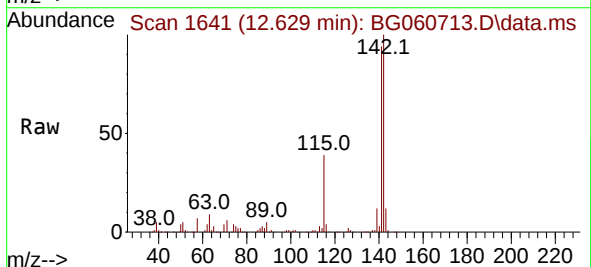
Instrument :
BNA_G
ClientSampleId :
PB159867BS

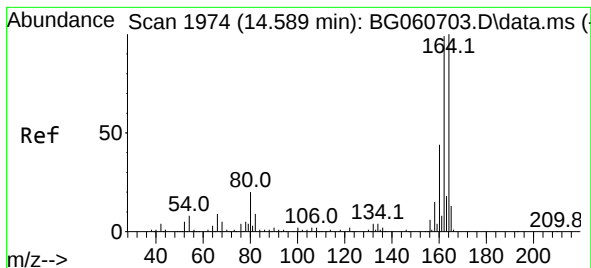
Tgt Ion:142 Resp: 542991
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1
115 36.4 29.9 44.9



#38
1-Methylnaphthalene
Concen: 44.036 ng
RT: 12.629 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:142 Resp: 520998
Ion Ratio Lower Upper
142 100
141 93.9 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1974

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

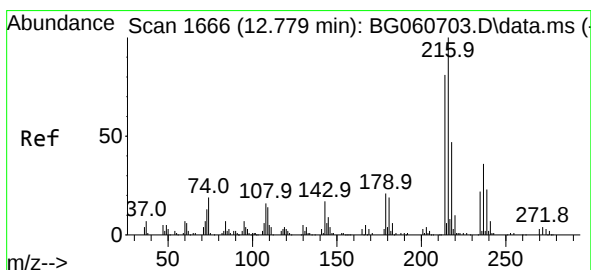
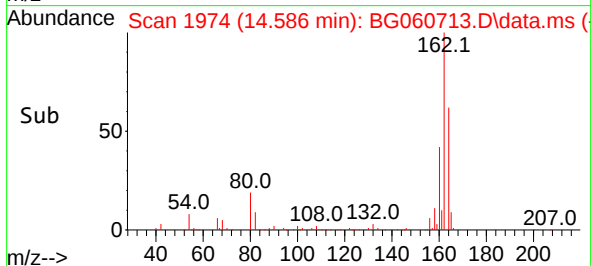
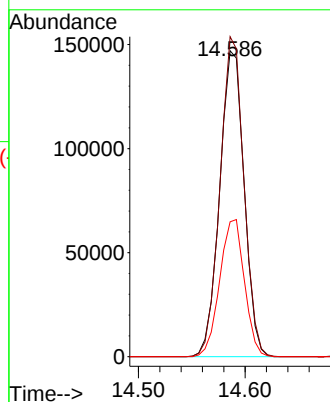
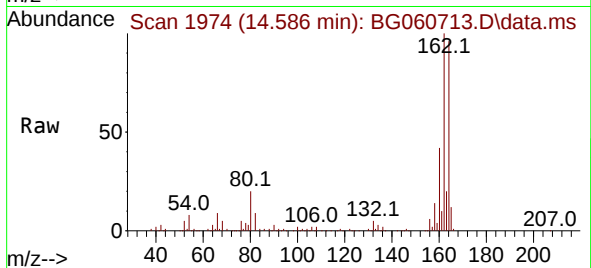
Tgt Ion:164 Resp: 233861

Ion Ratio Lower Upper

164 100

162 104.6 79.5 119.3

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.672 ng

RT: 12.782 min Scan# 1667

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Tgt Ion:216 Resp: 313786

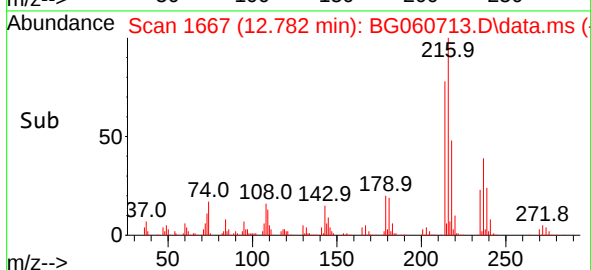
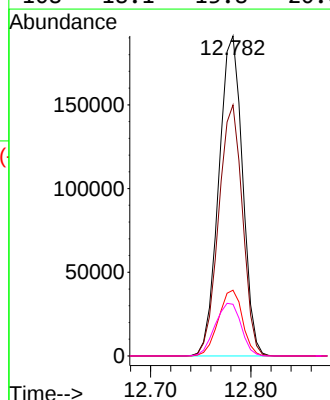
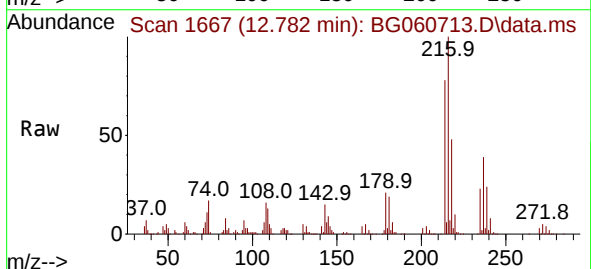
Ion Ratio Lower Upper

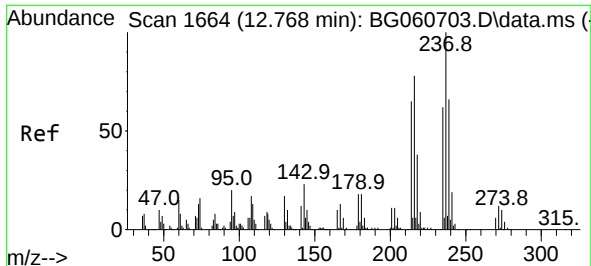
216 100

214 78.7 63.1 94.7

179 20.8 16.7 25.1

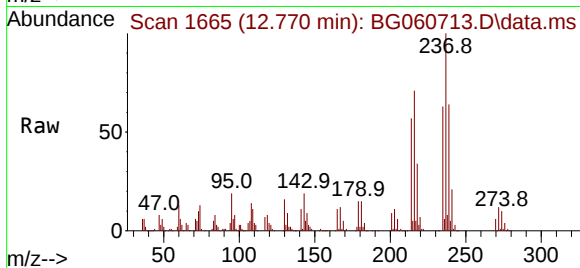
108 18.1 13.8 20.6



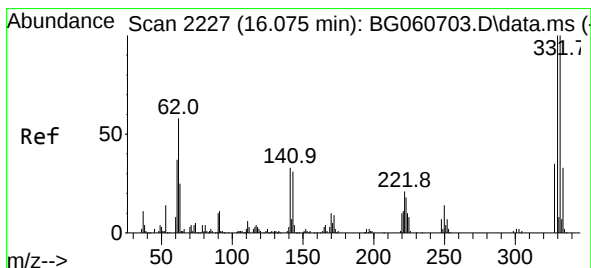
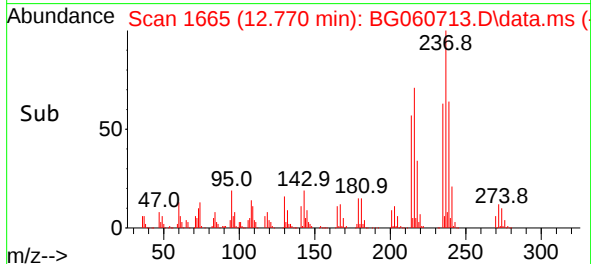
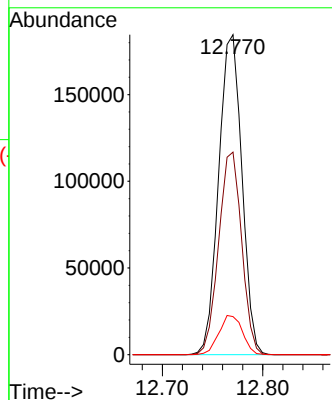


#41
Hexachlorocyclopentadiene
Concen: 86.662 ng
RT: 12.770 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :
BNA_G
ClientSampleId :
PB159867BS

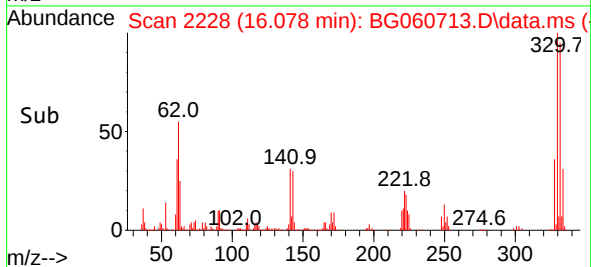
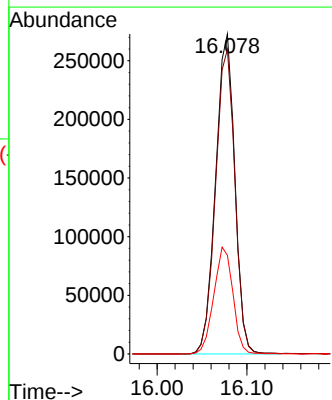
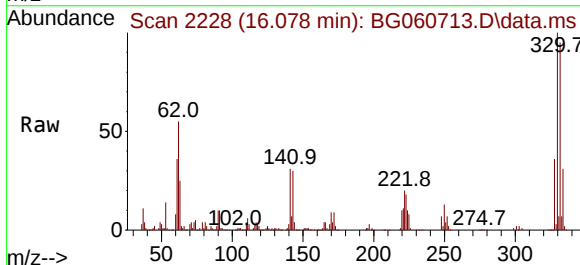


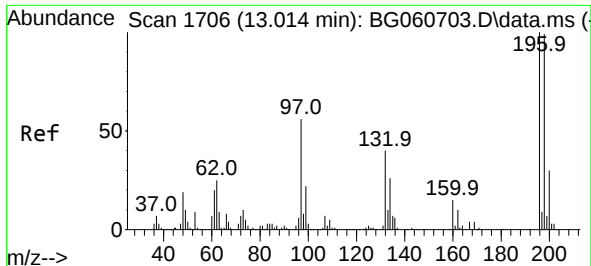
Tgt Ion:237 Resp: 296263
Ion Ratio Lower Upper
237 100
235 63.3 42.0 82.0
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 152.593 ng
RT: 16.078 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:330 Resp: 405089
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 33.3 27.0 40.6

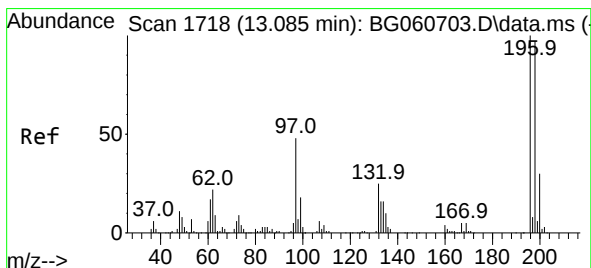
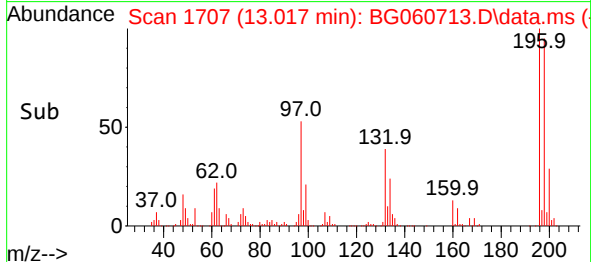
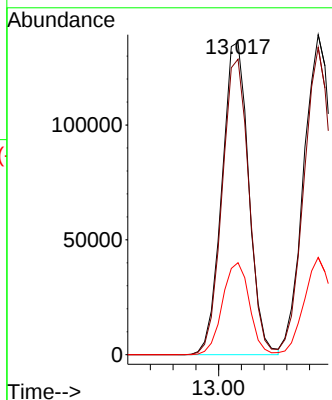
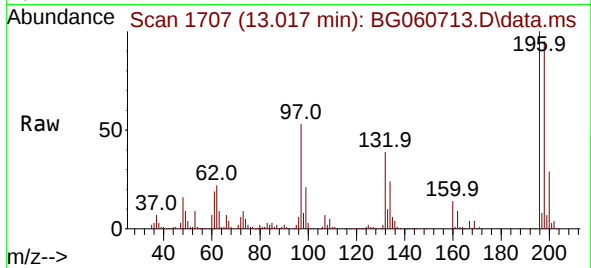




#43
2,4,6-Trichlorophenol
Concen: 51.523 ng
RT: 13.017 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

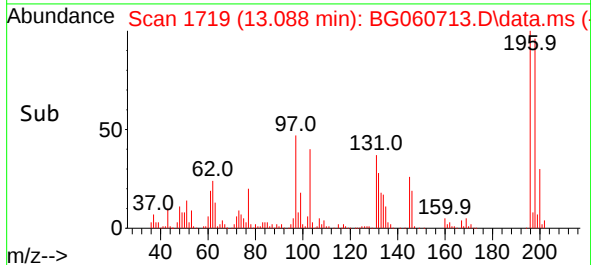
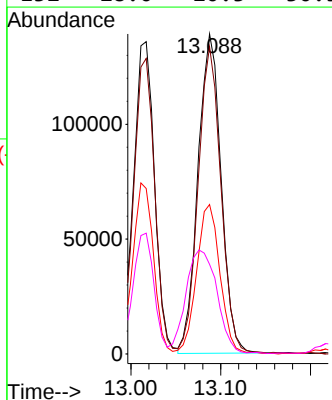
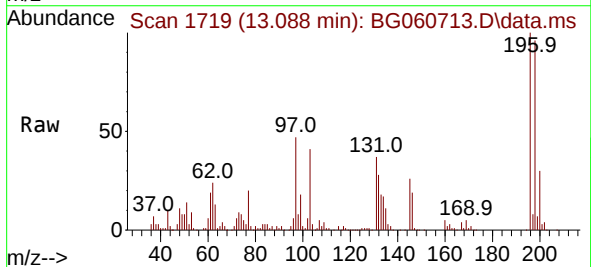
Instrument :
BNA_G
ClientSampleId :
PB159867BS

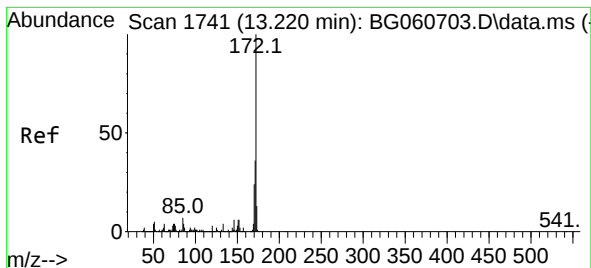
Tgt Ion:196 Resp: 223050
Ion Ratio Lower Upper
196 100
198 94.6 79.1 118.7
200 29.5 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.114 ng
RT: 13.088 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:196 Resp: 248575
Ion Ratio Lower Upper
196 100
198 96.0 77.8 116.8
97 46.7 38.2 57.4
132 28.0 20.3 30.5

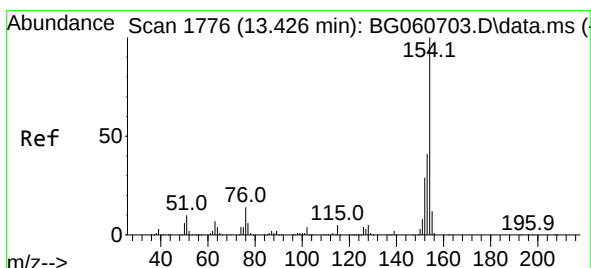
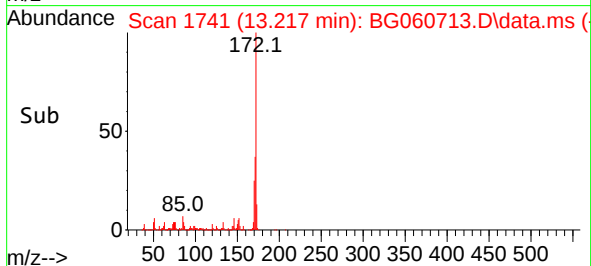
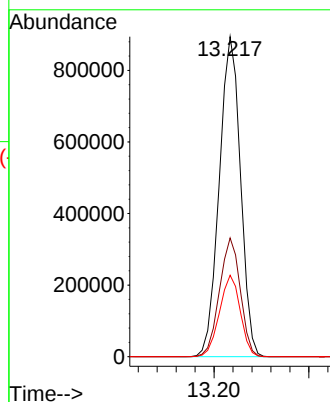
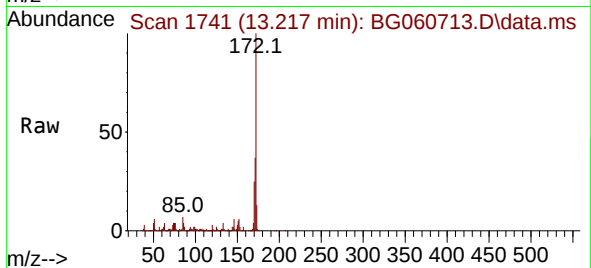




#45
2-Fluorobiphenyl
Concen: 87.344 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

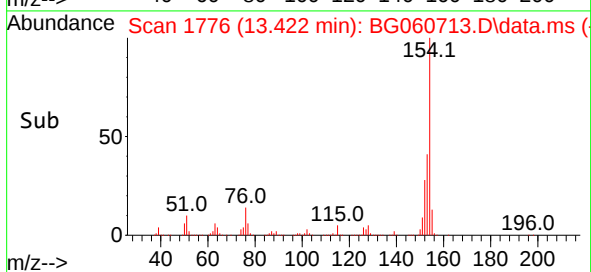
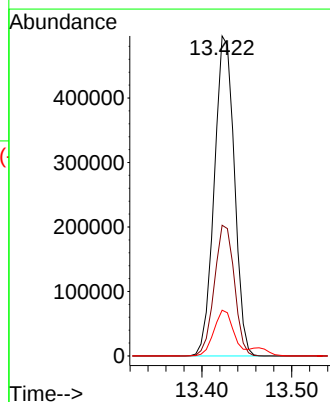
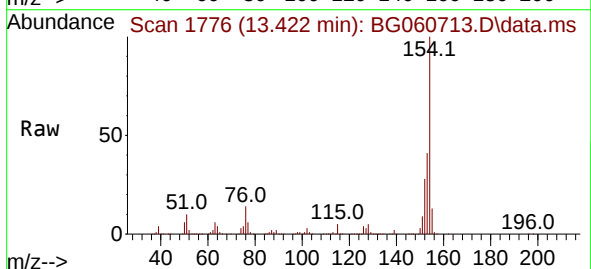
Instrument :
BNA_G
ClientSampleId :
PB159867BS

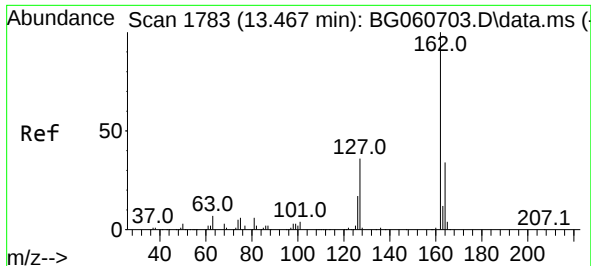
Tgt Ion:172 Resp: 1391793
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 25.4 19.4 29.0



#46
1,1'-Biphenyl
Concen: 46.538 ng
RT: 13.422 min Scan# 1776
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:154 Resp: 768738
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 14.3 0.0 33.9

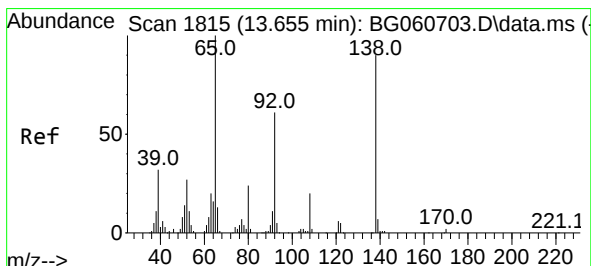
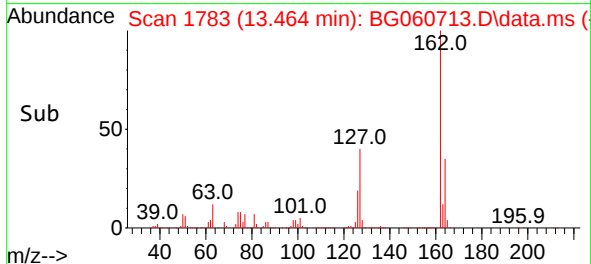
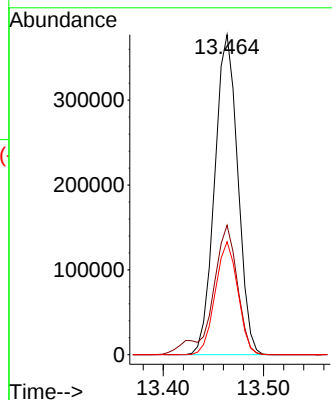
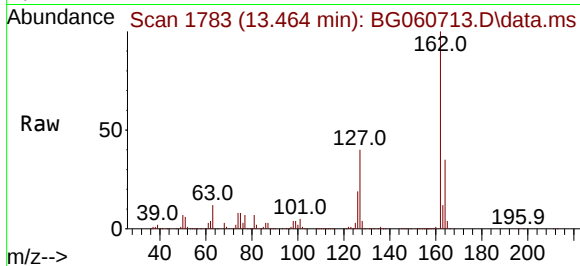




#47
2-Chloronaphthalene
Concen: 47.978 ng
RT: 13.464 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

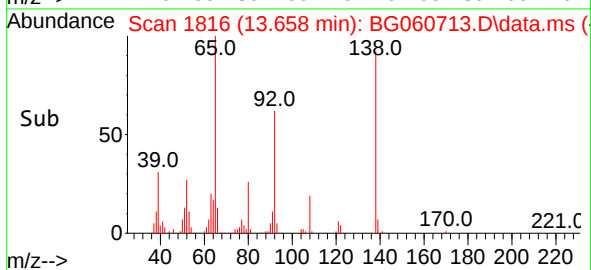
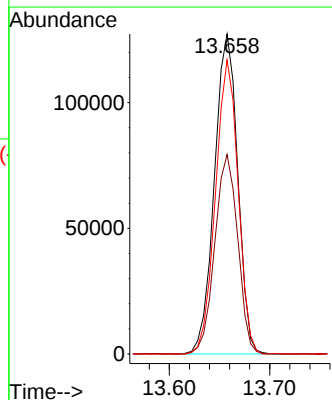
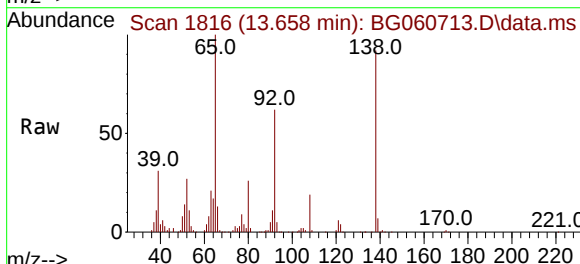
Instrument :
BNA_G
ClientSampleId :
PB159867BS

Tgt Ion:162 Resp: 602129
Ion Ratio Lower Upper
162 100
127 40.4 30.6 46.0
164 35.3 26.9 40.3



#48
2-Nitroaniline
Concen: 50.003 ng
RT: 13.658 min Scan# 1816
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion: 65 Resp: 204950
Ion Ratio Lower Upper
65 100
92 62.3 48.6 72.8
138 91.9 72.2 108.4

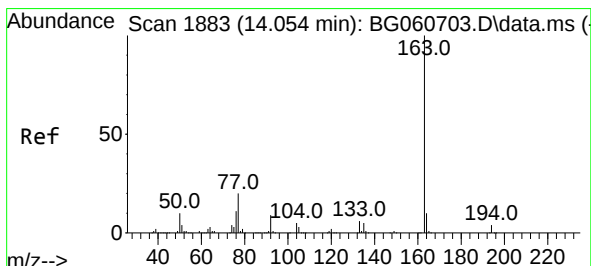
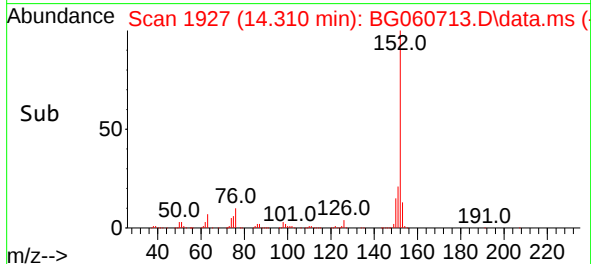
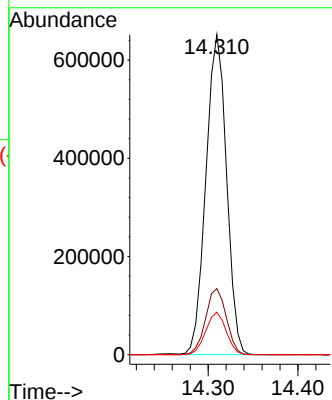
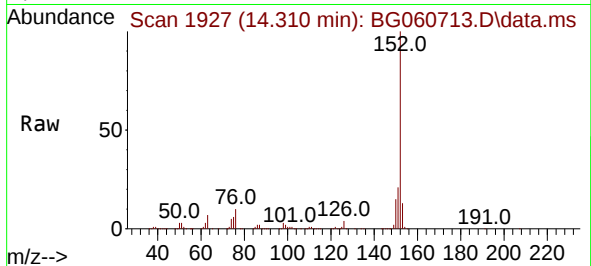




#49
Acenaphthylene
Concen: 49.348 ng
RT: 14.310 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

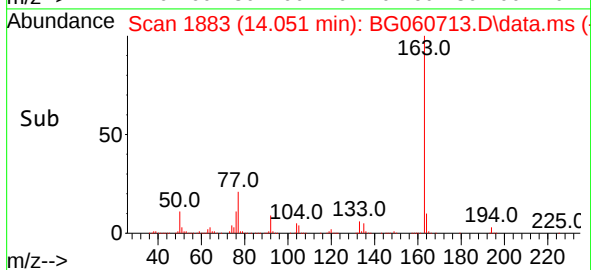
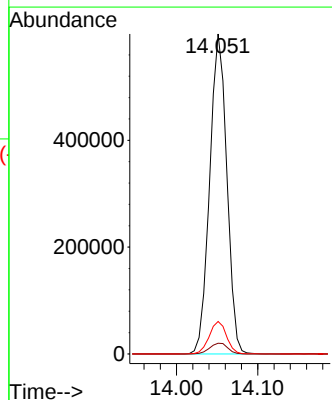
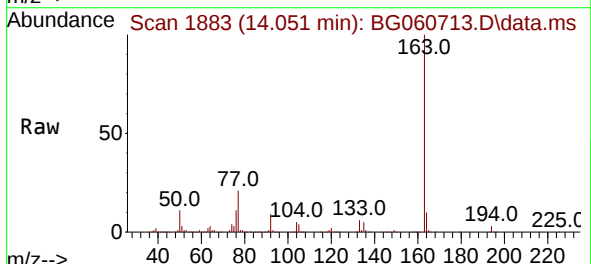
Instrument :
BNA_G
ClientSampleId :
PB159867BS

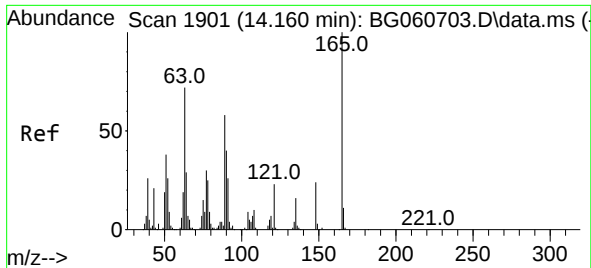
Tgt Ion:152 Resp: 1040628
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 47.452 ng
RT: 14.051 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:163 Resp: 877129
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.2 7.9 11.9

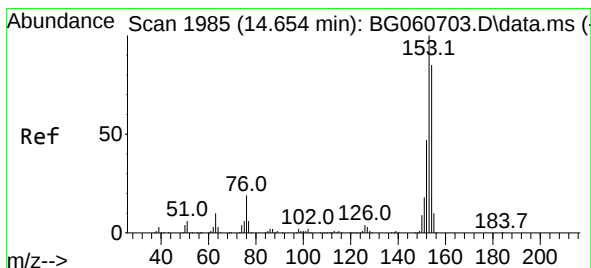
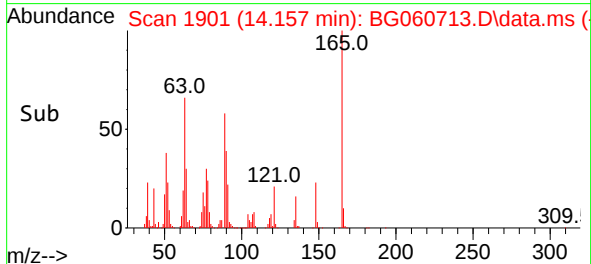
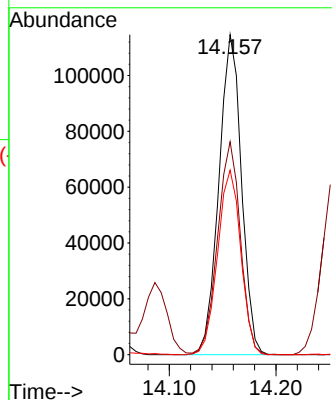
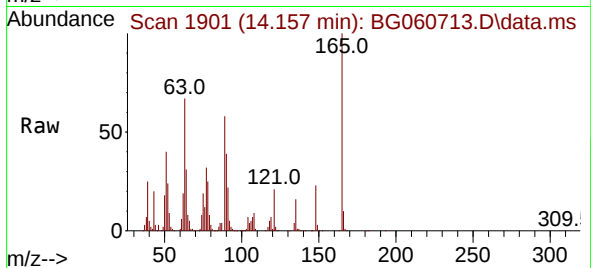




#51
2,6-Dinitrotoluene
Concen: 50.630 ng
RT: 14.157 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

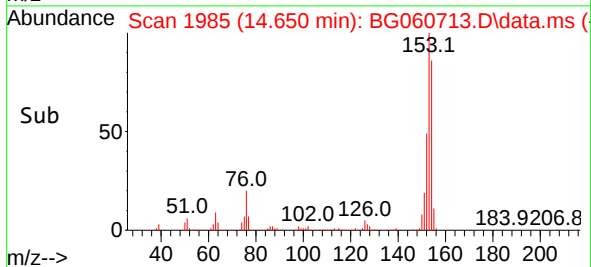
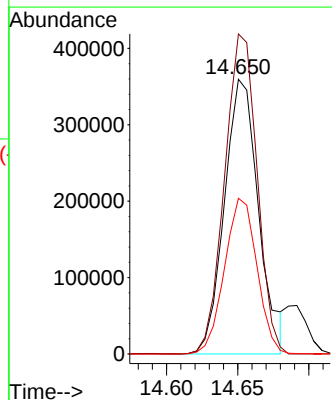
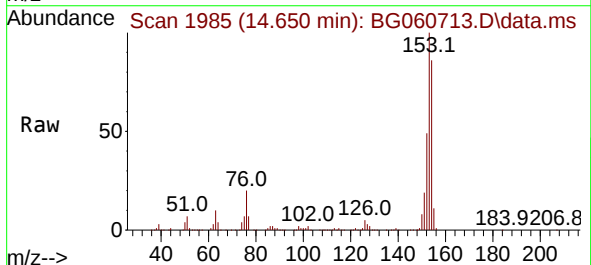
Instrument :
BNA_G
ClientSampleId :
PB159867BS

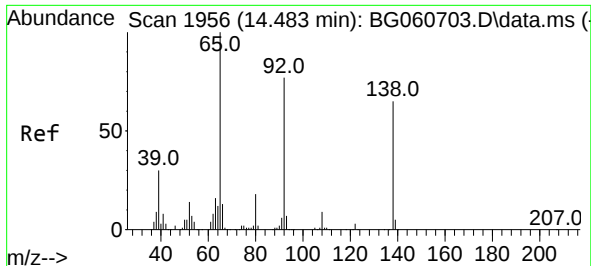
Tgt Ion:165 Resp: 168247
Ion Ratio Lower Upper
165 100
63 66.5 58.2 87.4
89 57.6 46.1 69.1



#52
Acenaphthene
Concen: 45.408 ng
RT: 14.650 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:154 Resp: 601199
Ion Ratio Lower Upper
154 100
153 116.5 93.9 140.9
152 56.7 44.1 66.1

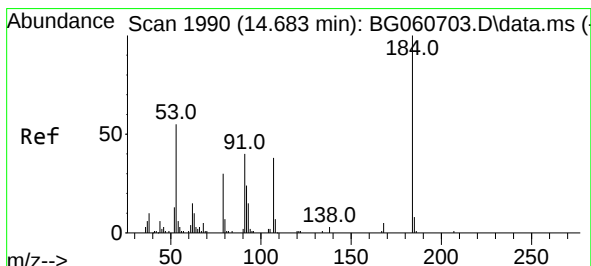
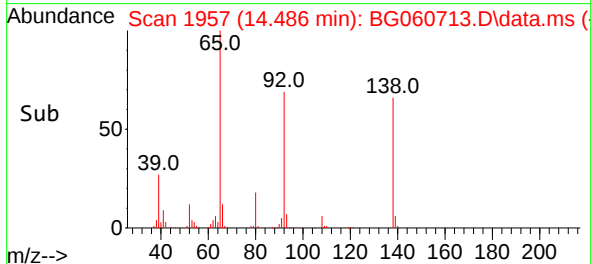
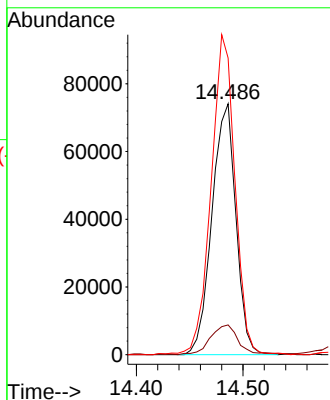
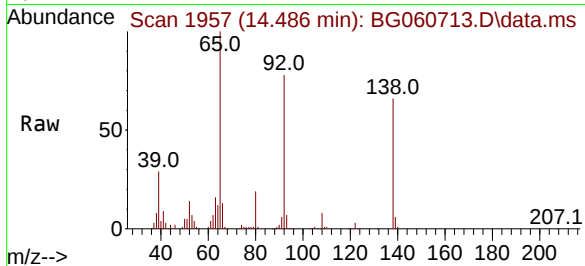




#53
3-Nitroaniline
Concen: 32.843 ng
RT: 14.486 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

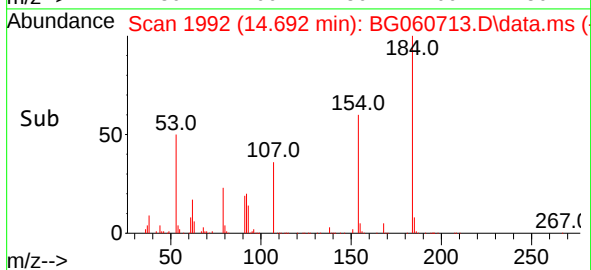
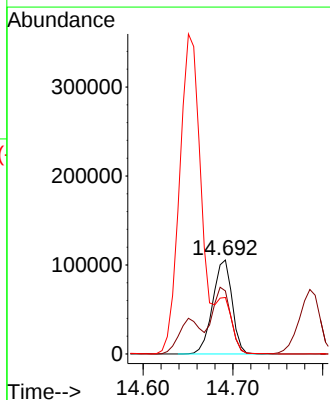
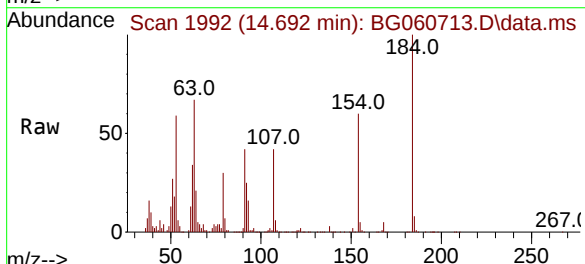
Instrument :
BNA_G
ClientSampleId :
PB159867BS

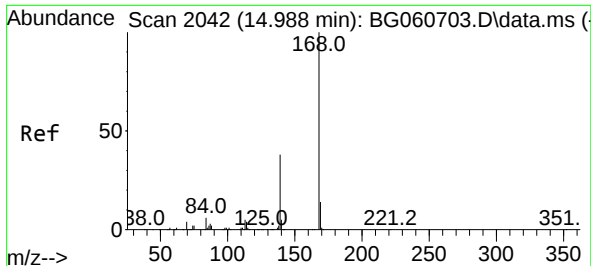
Tgt Ion:138 Resp: 115765
Ion Ratio Lower Upper
138 100
108 11.9 11.3 16.9
92 118.2 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 122.778 ng
RT: 14.692 min Scan# 1992
Delta R.T. 0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:184 Resp: 157971
Ion Ratio Lower Upper
184 100
63 67.2 51.3 76.9
154 60.1 59.9 89.9

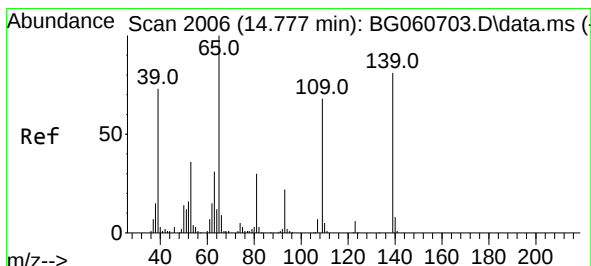
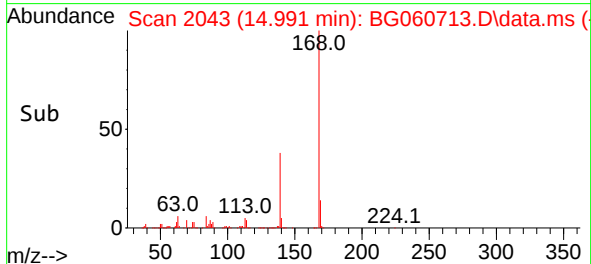
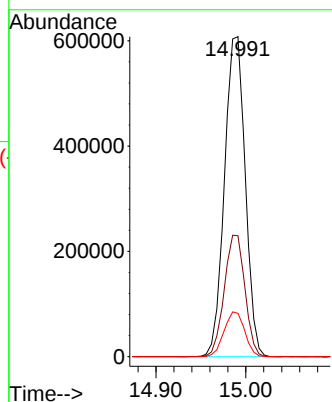
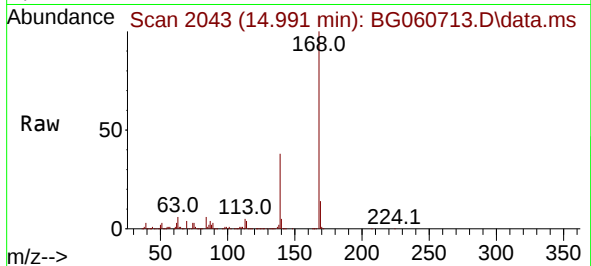




#55
Dibenzofuran
Concen: 46.753 ng
RT: 14.991 min Scan# 20
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

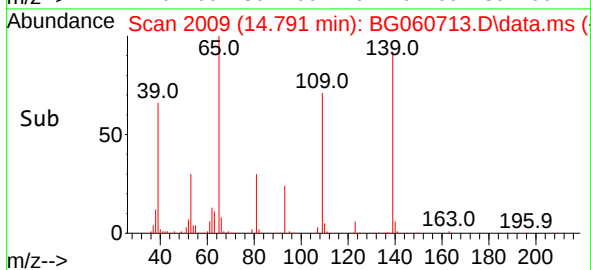
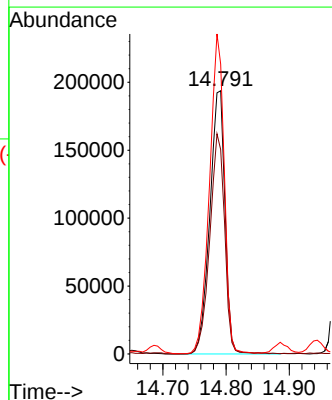
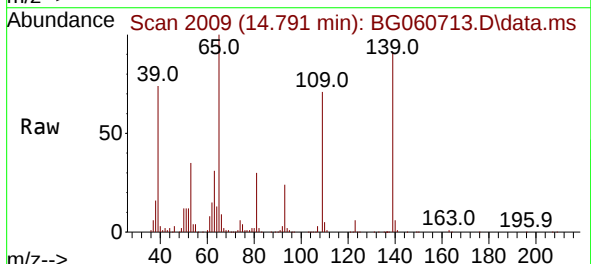
Instrument :
BNA_G
ClientSampleId :
PB159867BS

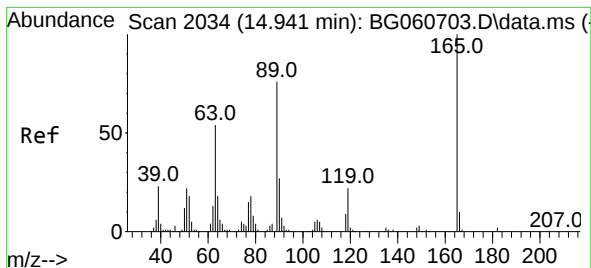
Tgt Ion:168 Resp: 976396
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 119.917 ng
RT: 14.791 min Scan# 2009
Delta R.T. 0.014 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:139 Resp: 324046
Ion Ratio Lower Upper
139 100
109 77.6 64.0 104.0
65 110.1 104.3 144.3

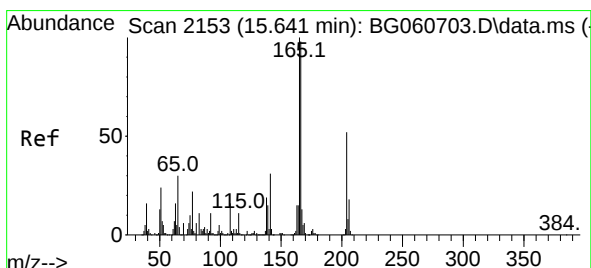
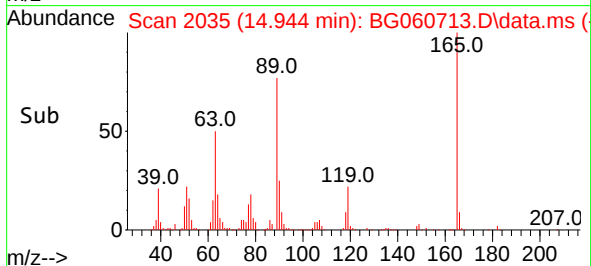
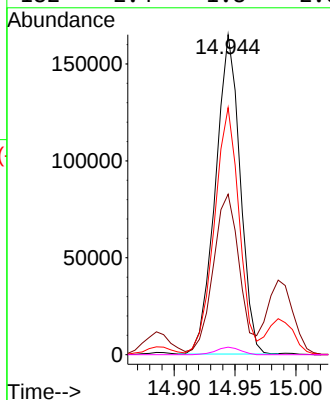
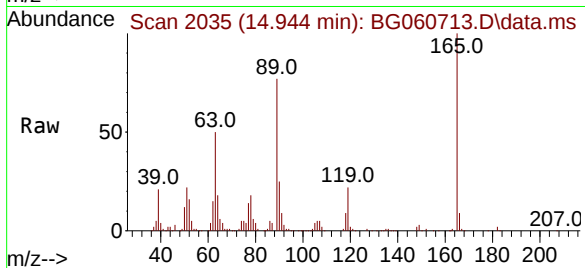




#57
2,4-Dinitrotoluene
Concen: 53.309 ng
RT: 14.944 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

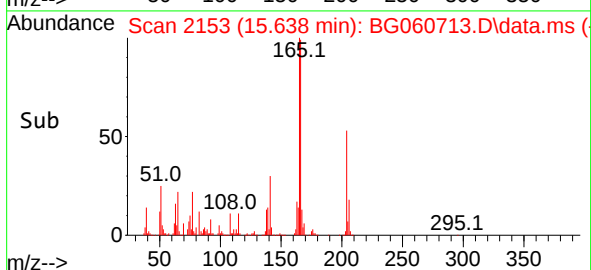
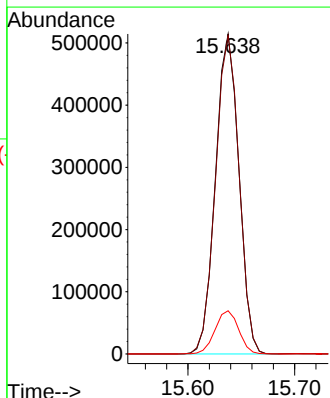
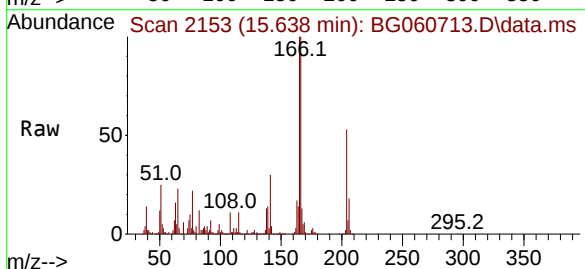
Instrument :
BNA_G
ClientSampleId :
PB159867BS

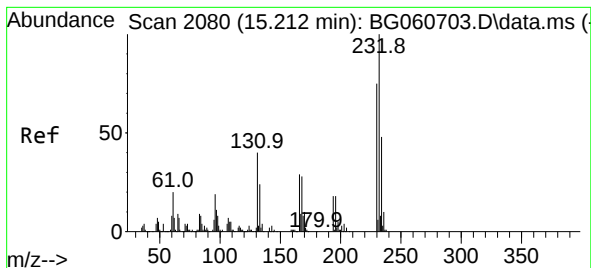
Tgt Ion:165 Resp: 232369
Ion Ratio Lower Upper
165 100
63 50.2 43.4 65.0
89 77.2 61.0 91.6
182 2.4 1.8 2.6



#58
Fluorene
Concen: 46.859 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:166 Resp: 785406
Ion Ratio Lower Upper
166 100
165 99.5 81.8 122.8
167 13.5 10.9 16.3

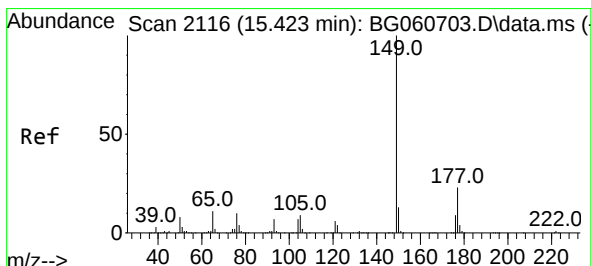
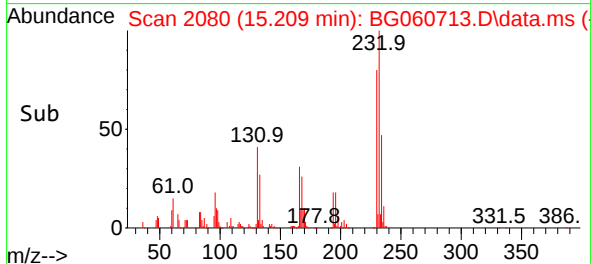
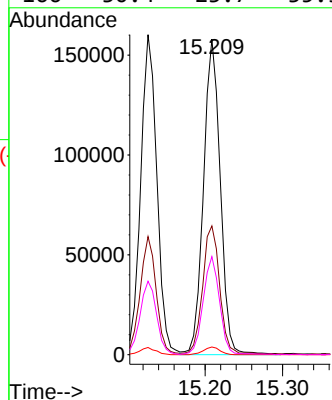
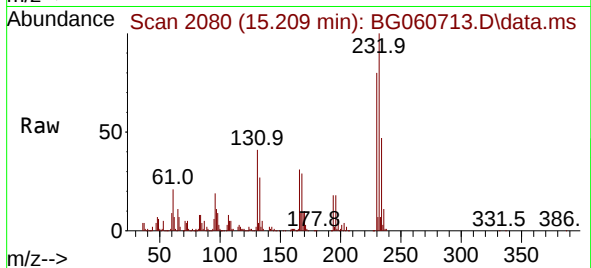




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.830 ng
RT: 15.209 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

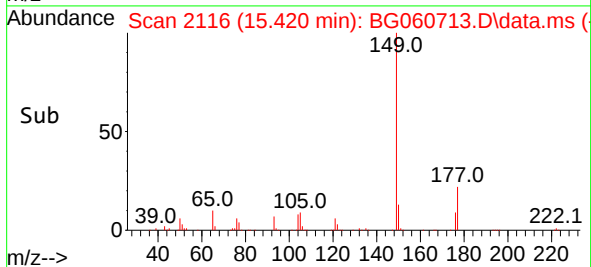
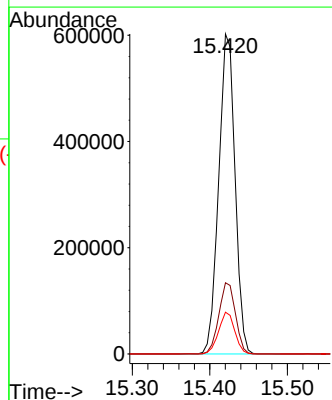
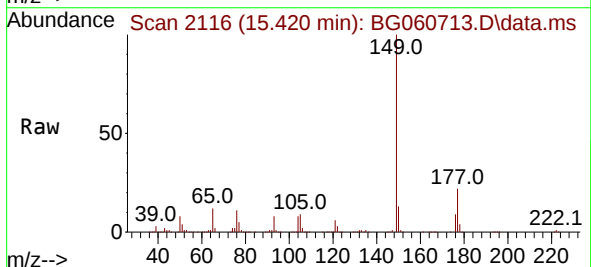
Instrument :
BNA_G
ClientSampleId :
PB159867BS

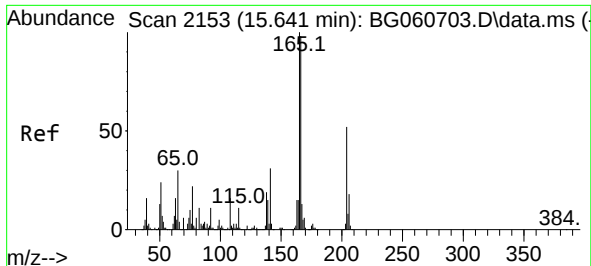
Tgt Ion:232 Resp: 237861
Ion Ratio Lower Upper
232 100
131 41.3 32.2 48.2
130 2.4 2.1 3.1
166 30.4 23.7 35.5



#60
Diethylphthalate
Concen: 47.447 ng
RT: 15.420 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:149 Resp: 882371
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 13.1 10.2 15.4

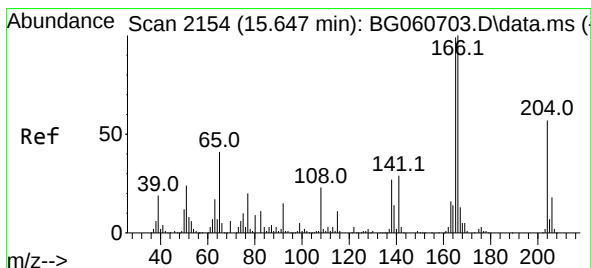
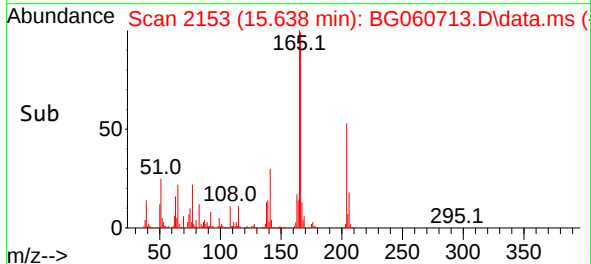
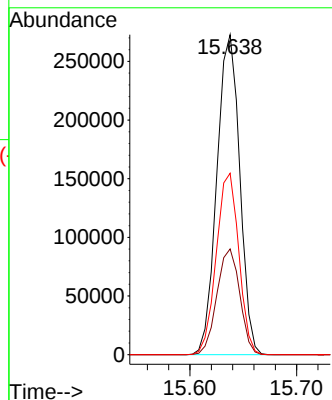
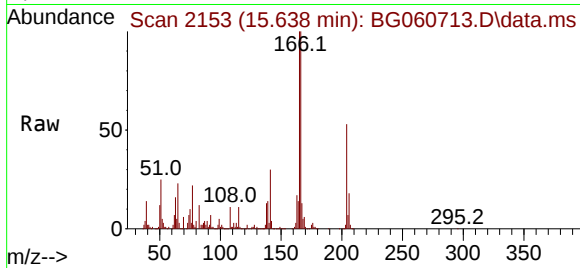




#61
4-Chlorophenyl-phenylether
Concen: 45.751 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

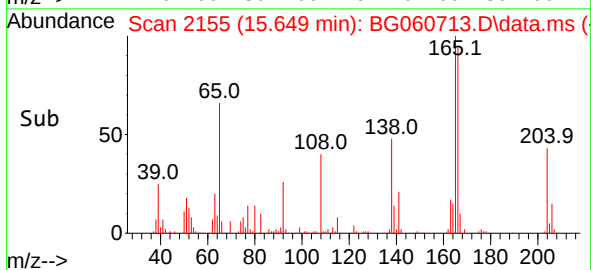
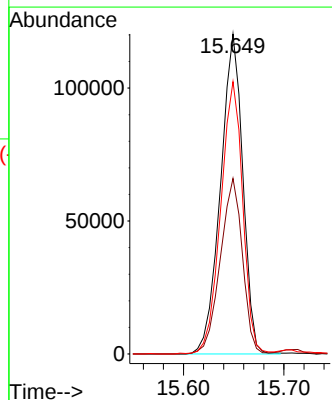
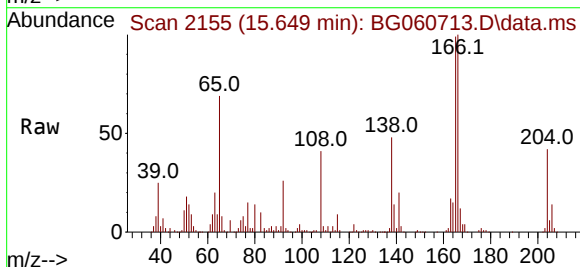
Instrument :
BNA_G
ClientSampleId :
PB159867BS

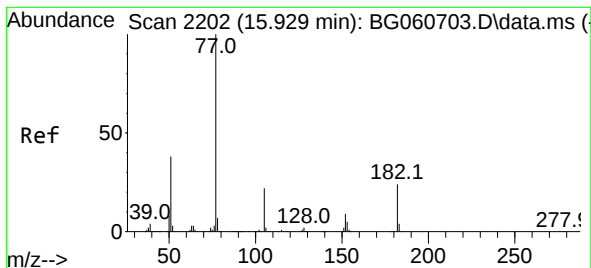
Tgt Ion:204 Resp: 405689
Ion Ratio Lower Upper
204 100
206 33.0 28.3 42.5
141 56.7 47.2 70.8



#62
4-Nitroaniline
Concen: 54.798 ng
RT: 15.649 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:138 Resp: 185193
Ion Ratio Lower Upper
138 100
92 54.9 36.8 76.8
108 85.1 66.9 106.9





#63

Azobenzene

Concen: 47.300 ng

RT: 15.931 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

Tgt Ion: 77 Resp: 857156

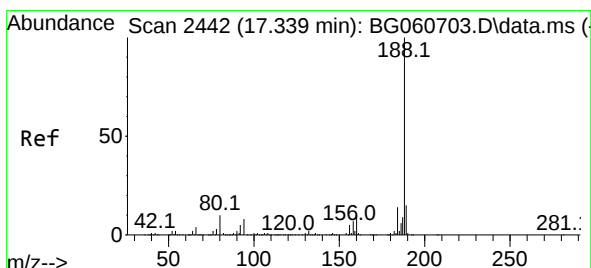
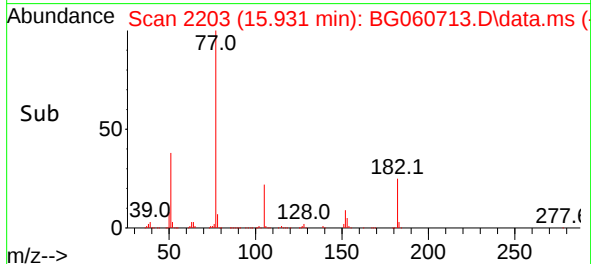
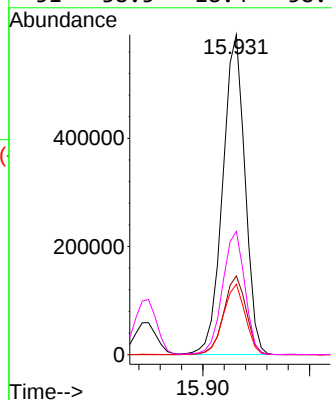
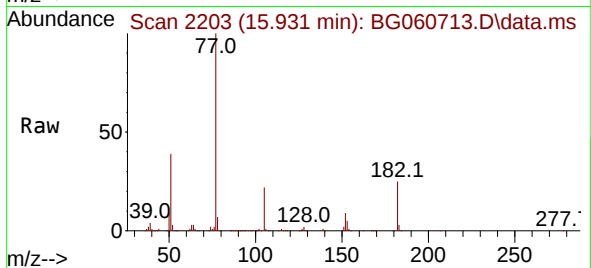
Ion Ratio Lower Upper

77 100

182 24.6 3.9 43.9

105 22.1 1.7 41.7

51 38.5 18.4 58.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2442

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

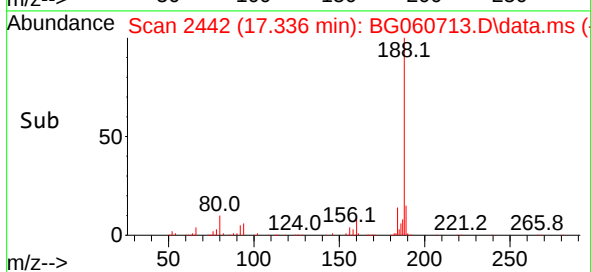
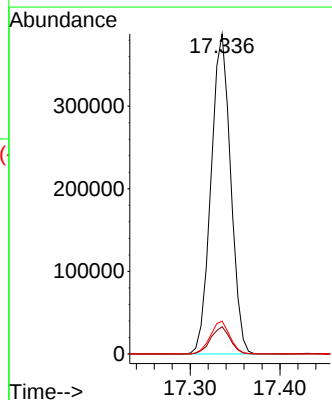
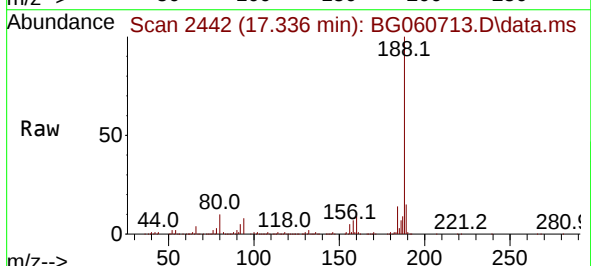
Tgt Ion:188 Resp: 587310

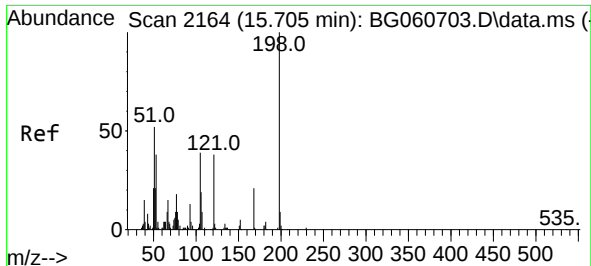
Ion Ratio Lower Upper

188 100

94 8.5 6.6 9.8

80 10.2 7.6 11.4

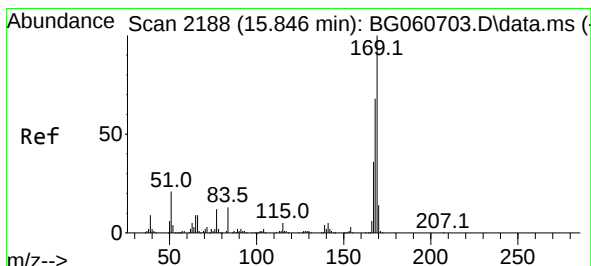
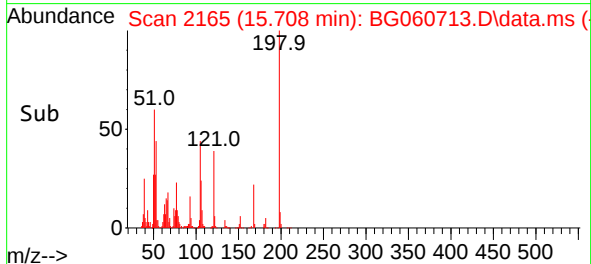
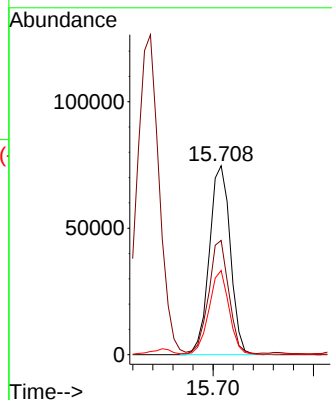
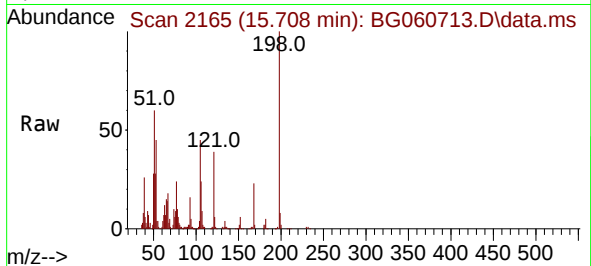




#65
4,6-Dinitro-2-methylphenol
Concen: 45.109 ng
RT: 15.708 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

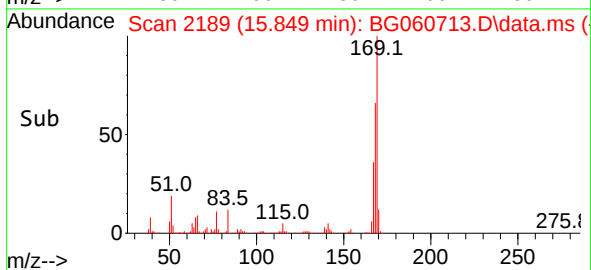
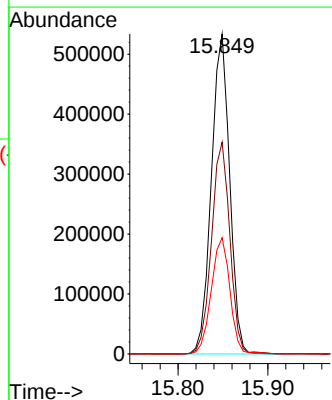
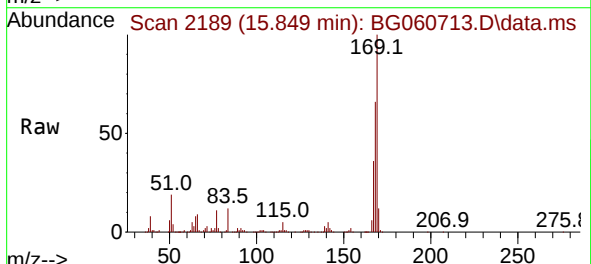
Instrument :
BNA_G
ClientSampleId :
PB159867BS

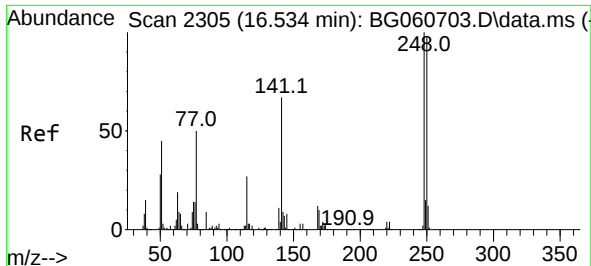
Tgt Ion:198 Resp: 108131
Ion Ratio Lower Upper
198 100
51 60.5 36.7 76.7
105 44.5 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 44.841 ng
RT: 15.849 min Scan# 2189
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:169 Resp: 752580
Ion Ratio Lower Upper
169 100
168 66.2 54.5 81.7
167 36.3 29.2 43.8

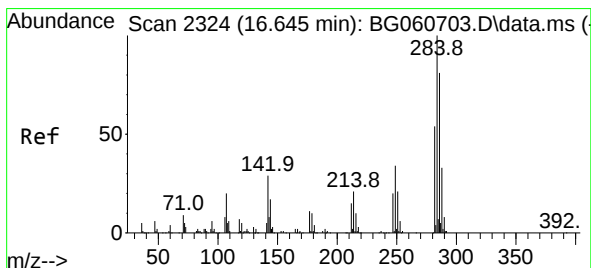
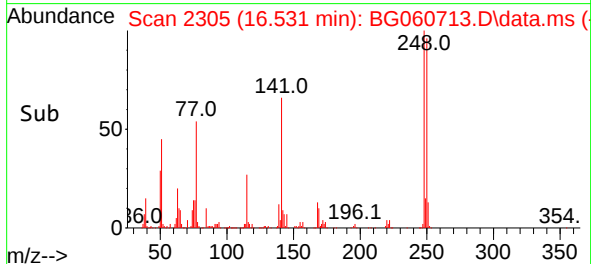
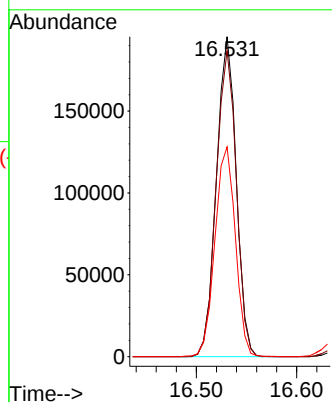
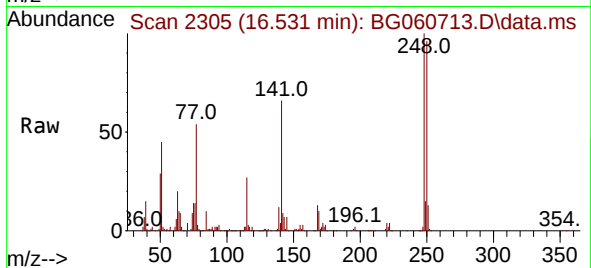




#67
4-Bromophenyl-phenylether
Concen: 44.893 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

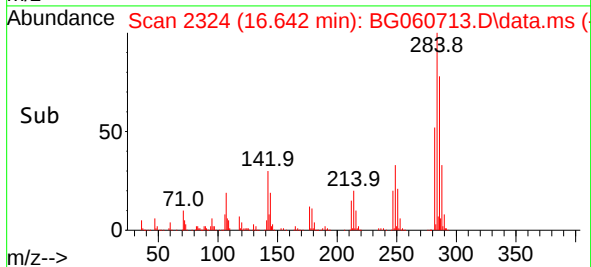
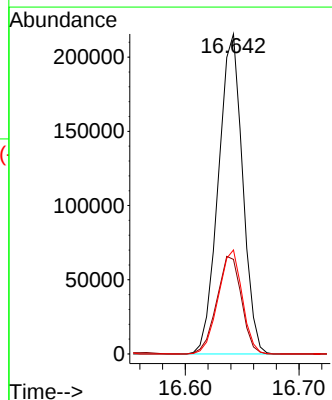
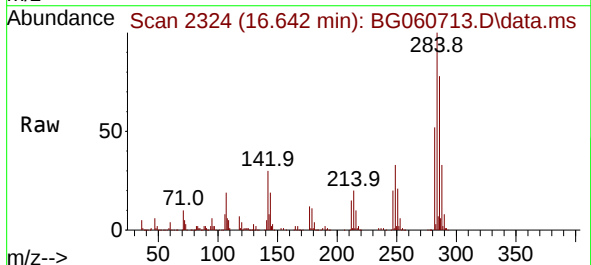
Instrument :
BNA_G
ClientSampleId :
PB159867BS

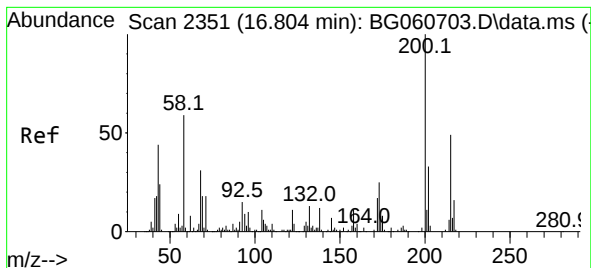
Tgt Ion:248 Resp: 267580
Ion Ratio Lower Upper
248 100
250 95.6 78.3 117.5
141 65.5 53.7 80.5



#68
Hexachlorobenzene
Concen: 47.422 ng
RT: 16.642 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:284 Resp: 319085
Ion Ratio Lower Upper
284 100
142 29.6 22.9 34.3
249 32.5 27.1 40.7





#69

Atrazine

Concen: 38.125 ng

RT: 16.801 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

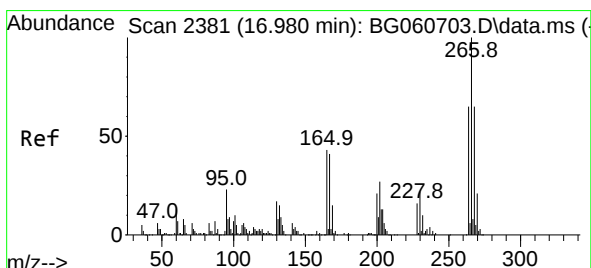
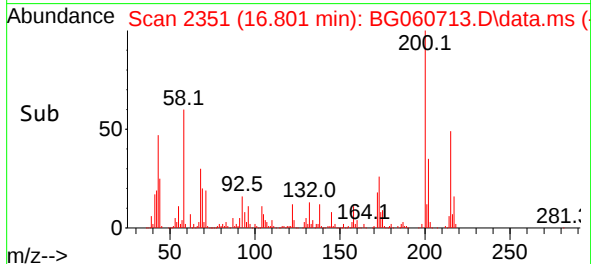
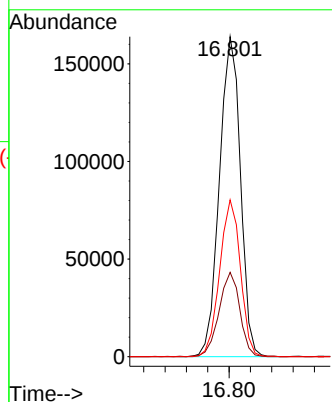
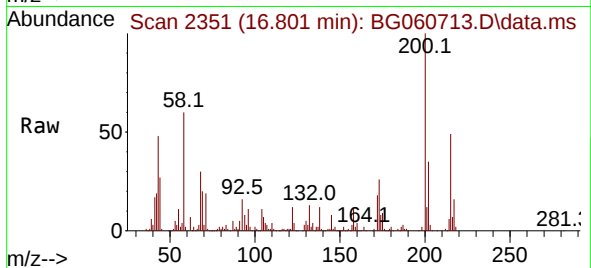
Tgt Ion:200 Resp: 223758

Ion Ratio Lower Upper

200 100

173 26.3 5.2 45.2

215 49.0 28.8 68.8



#70

Pentachlorophenol

Concen: 95.607 ng

RT: 16.983 min Scan# 2382

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

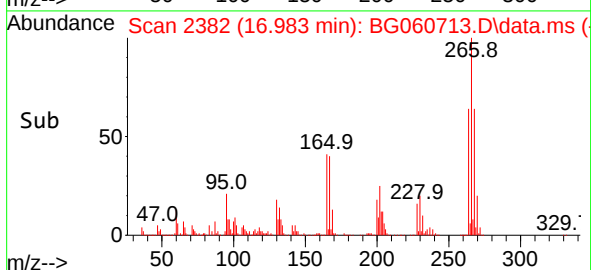
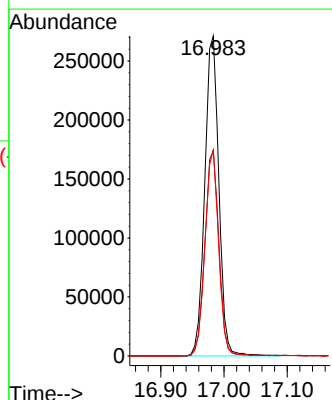
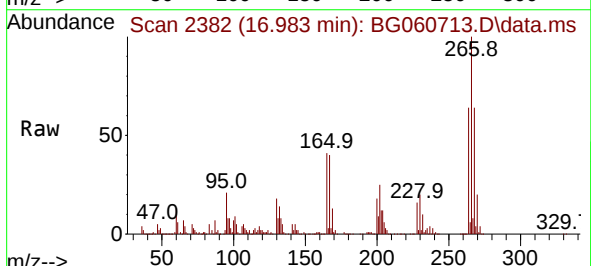
Tgt Ion:266 Resp: 419751

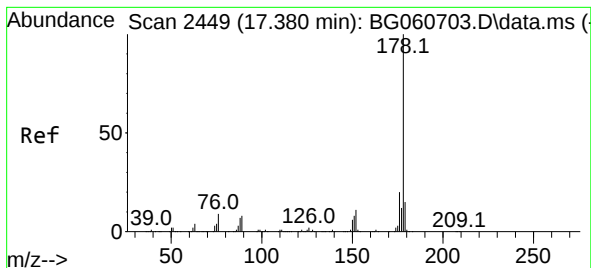
Ion Ratio Lower Upper

266 100

268 64.2 52.2 78.4

264 64.3 51.8 77.6





#71

Phenanthrene

Concen: 45.134 ng

RT: 17.377 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

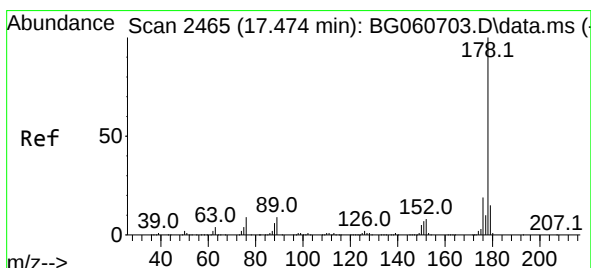
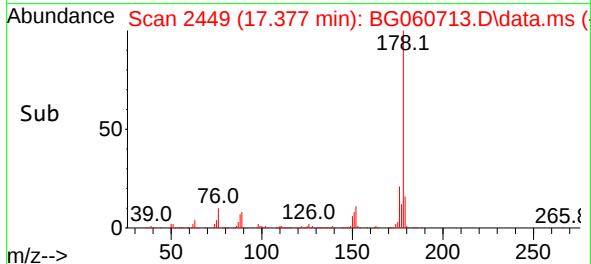
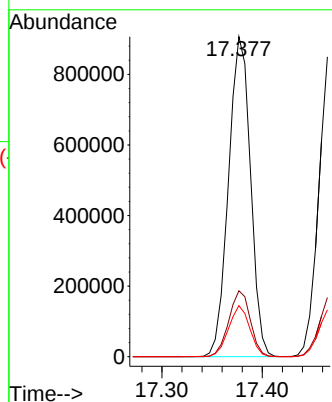
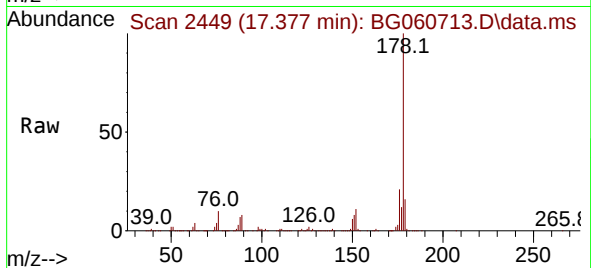
Tgt Ion:178 Resp: 1378618

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.6

179 15.9 12.2 18.4



#72

Anthracene

Concen: 44.552 ng

RT: 17.471 min Scan# 2465

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

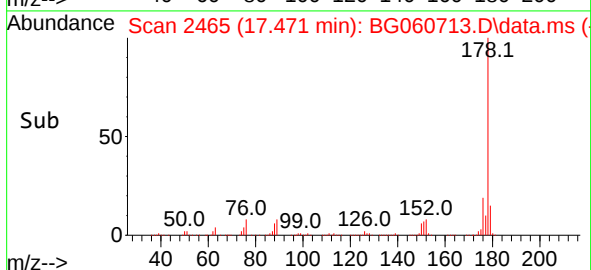
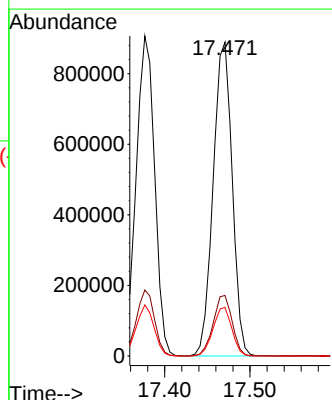
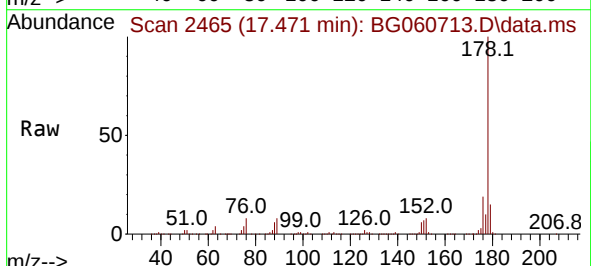
Tgt Ion:178 Resp: 1382008

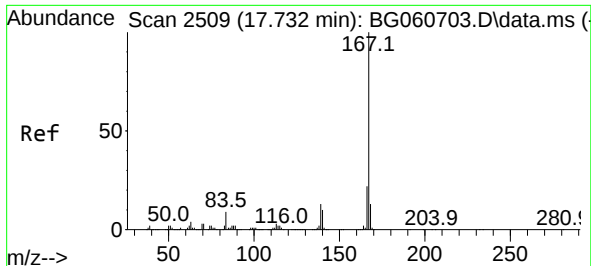
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.5 12.2 18.2

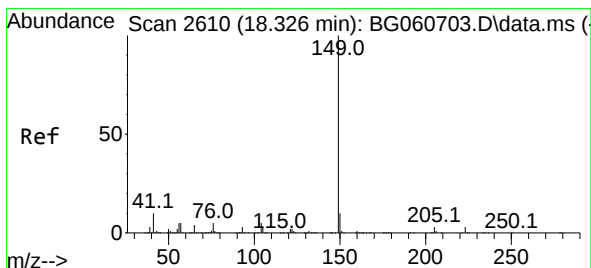
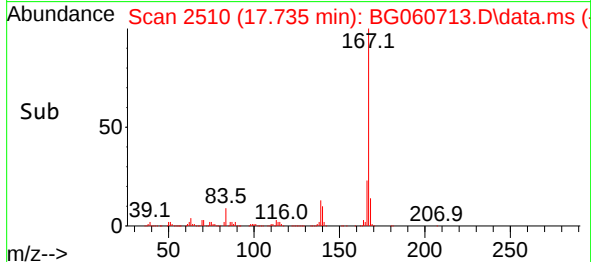
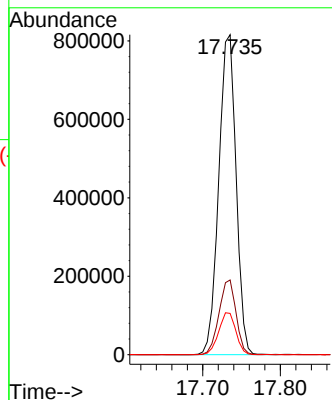
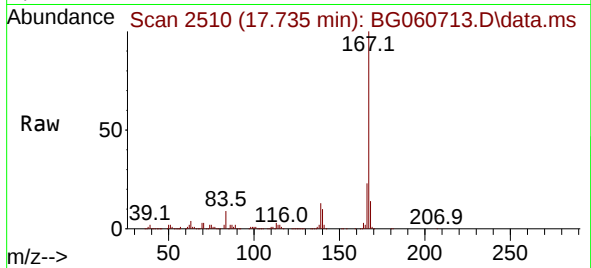




#73
 Carbazole
 Concen: 46.214 ng
 RT: 17.735 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

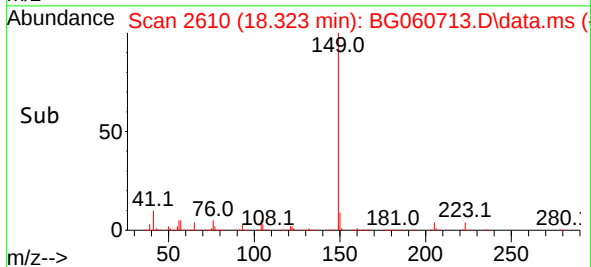
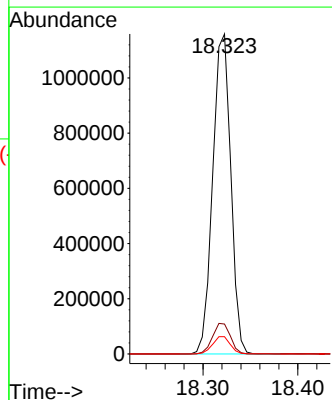
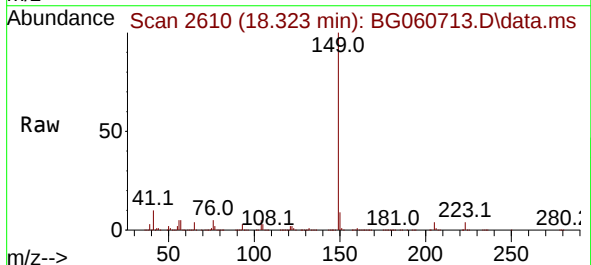
Instrument :
 BNA_G
 ClientSampleId :
 PB159867BS

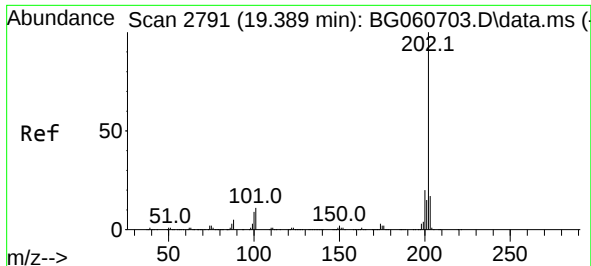
Tgt Ion:167 Resp: 1263948
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.908 ng
 RT: 18.323 min Scan# 2610
 Delta R.T. -0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

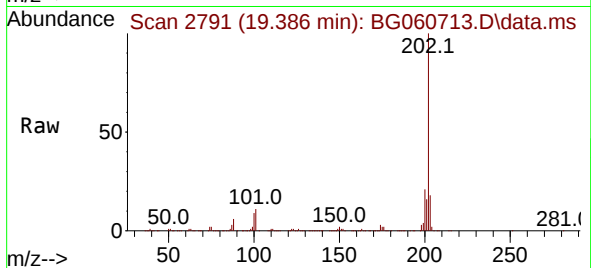
Tgt Ion:149 Resp: 1531280
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.4 4.2 6.4



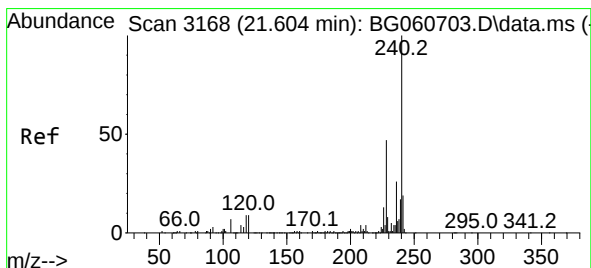
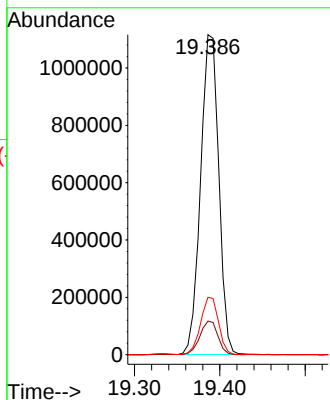
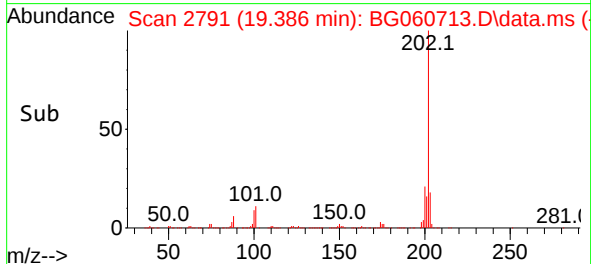


#75
Fluoranthene
Concen: 44.513 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

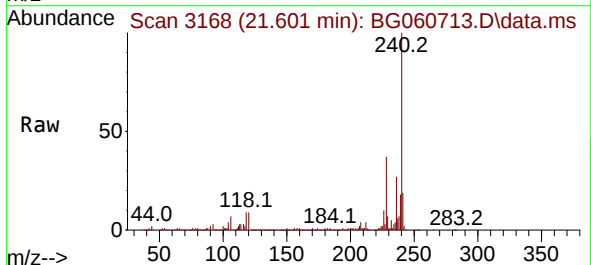
Instrument :
BNA_G
ClientSampleId :
PB159867BS



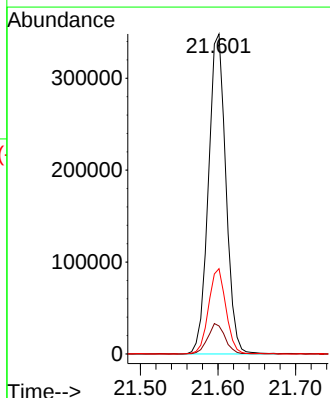
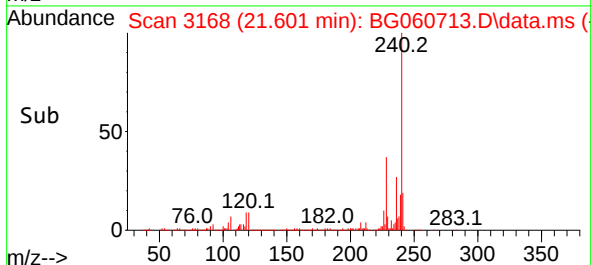
Tgt Ion:202 Resp: 1649867
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.8
203 18.0 0.0 37.4

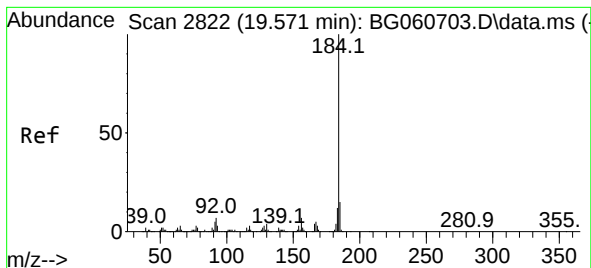


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:240 Resp: 544613
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.7 20.7 31.1





#77

Benzidine

Concen: 23.802 ng

RT: 19.568 min Scan# 2822

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

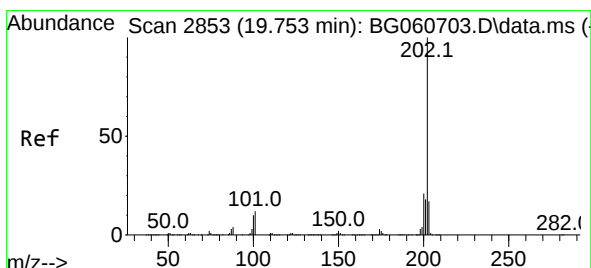
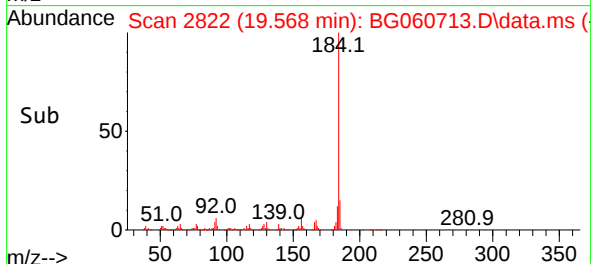
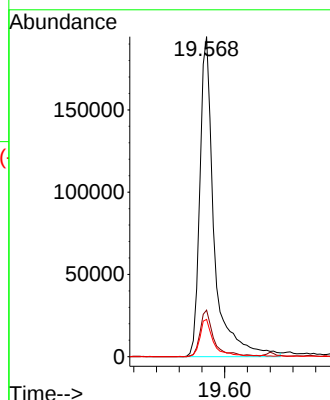
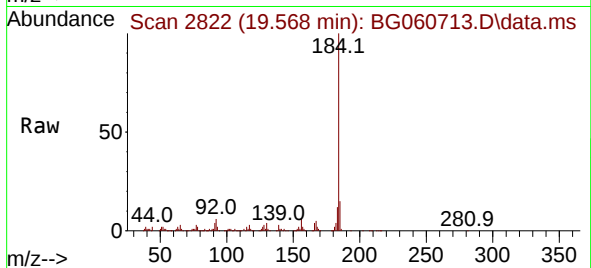
Tgt Ion:184 Resp: 341335

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 11.7 9.5 14.3



#78

Pyrene

Concen: 44.803 ng

RT: 19.750 min Scan# 2853

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

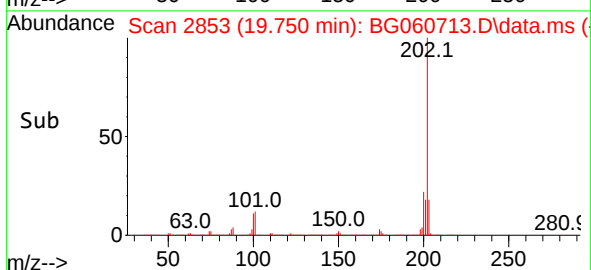
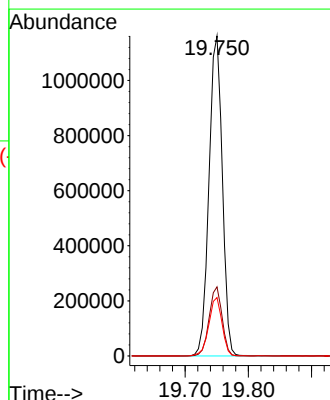
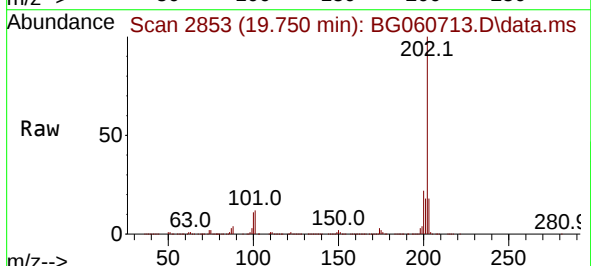
Tgt Ion:202 Resp: 1706504

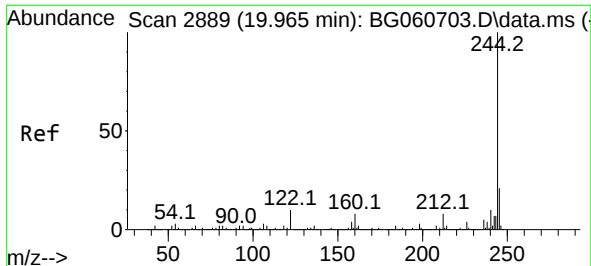
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 18.3 14.0 21.0

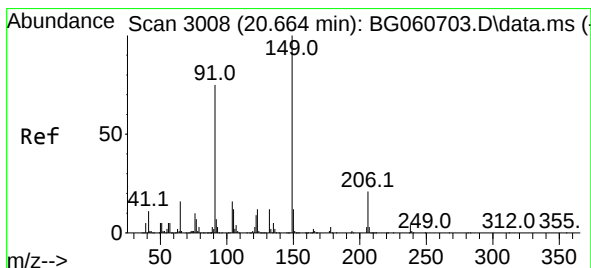
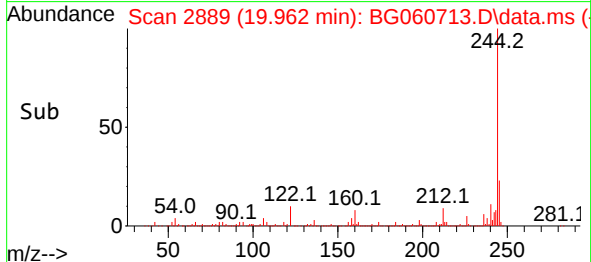
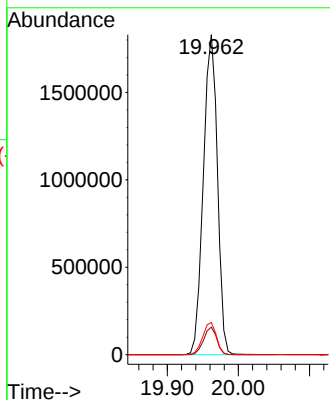
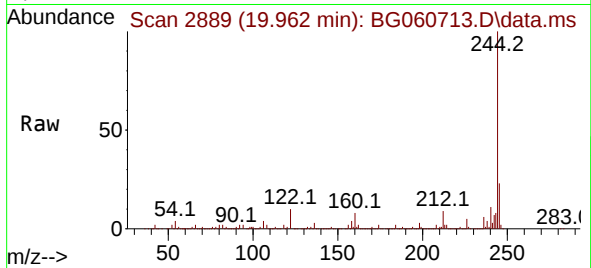




#79
 Terphenyl-d14
 Concen: 81.482 ng
 RT: 19.962 min Scan# 2889
 Delta R.T. -0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

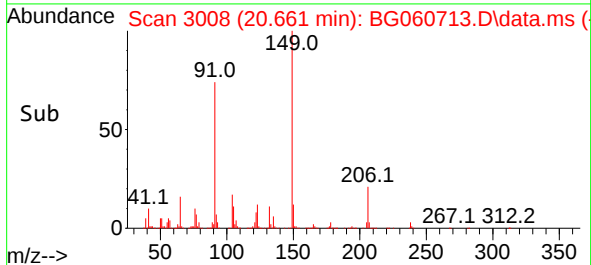
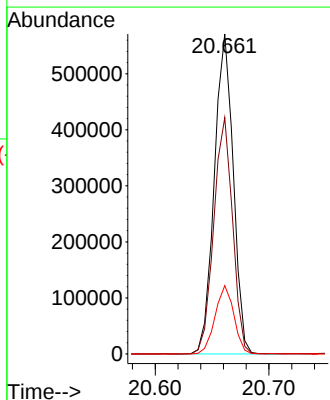
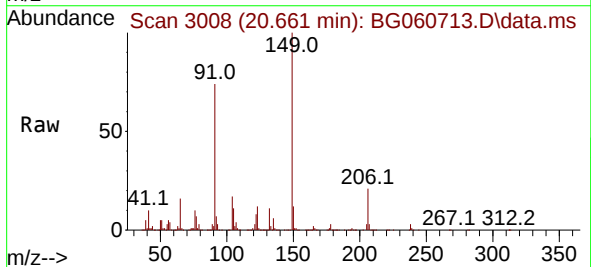
Instrument :
 BNA_G
 ClientSampleId :
 PB159867BS

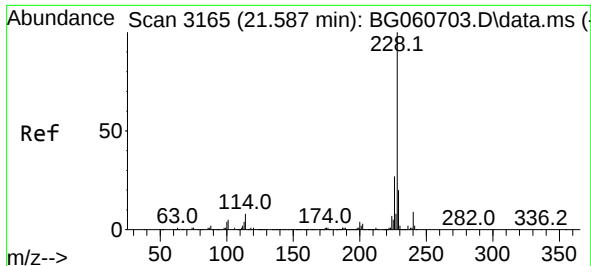
Tgt Ion:244 Resp: 2520171
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.2 9.2
 122 10.0 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 47.629 ng
 RT: 20.661 min Scan# 3008
 Delta R.T. -0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

Tgt Ion:149 Resp: 661777
 Ion Ratio Lower Upper
 149 100
 91 73.8 60.1 90.1
 206 21.4 16.8 25.2

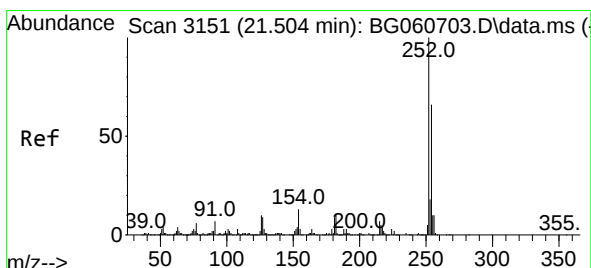
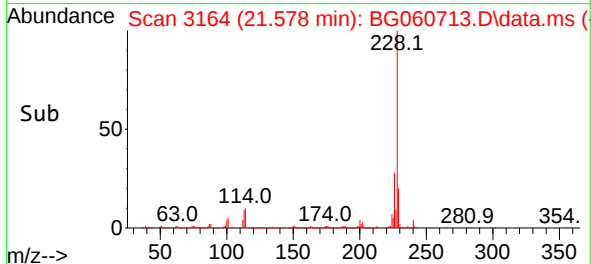
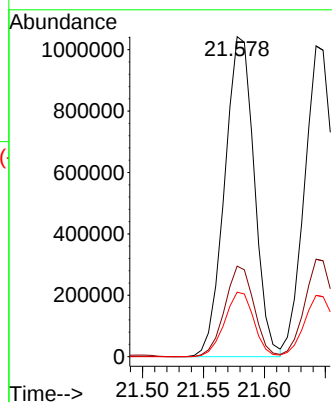
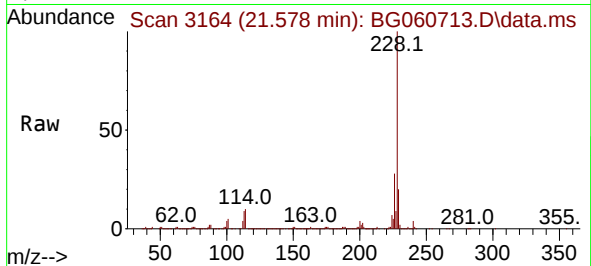




#81
Benzo(a)anthracene
Concen: 45.878 ng
RT: 21.578 min Scan# 3165
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

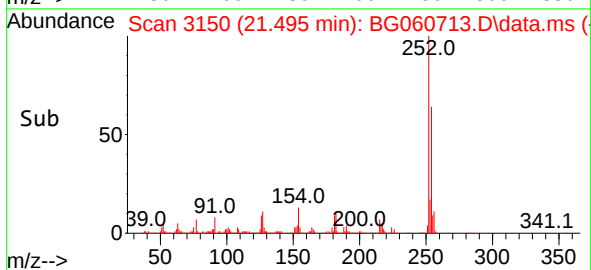
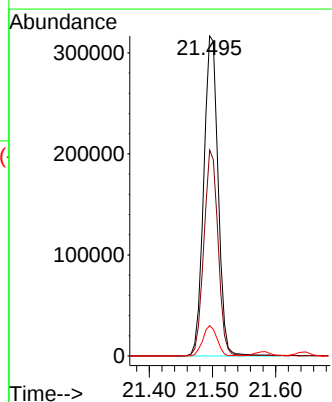
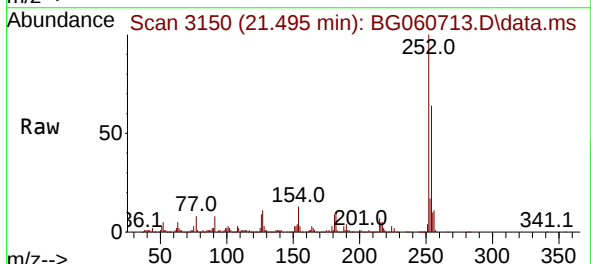
Instrument :
BNA_G
ClientSampleId :
PB159867BS

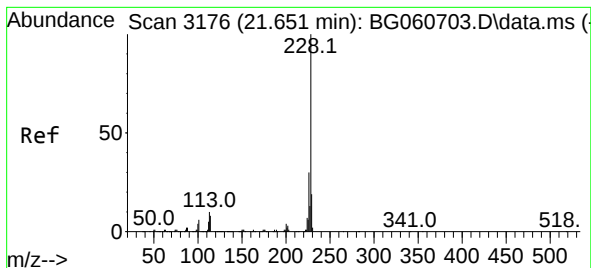
Tgt Ion:228 Resp: 1761223
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.540 ng
RT: 21.495 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:252 Resp: 499569
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 9.5 7.8 11.8





#83

Chrysene

Concen: 44.970 ng

RT: 21.642 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

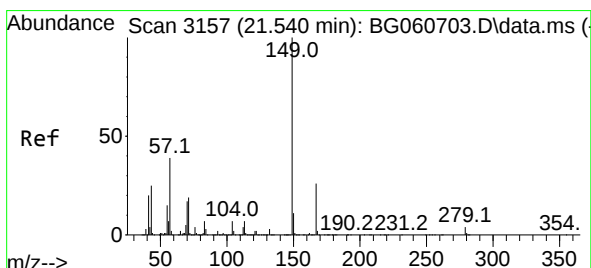
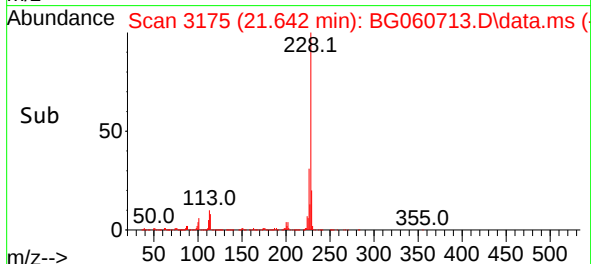
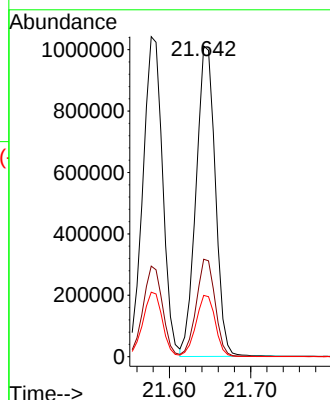
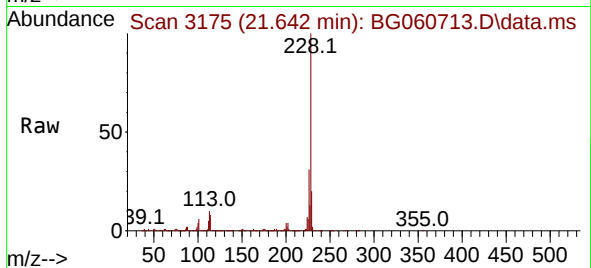
Tgt Ion:228 Resp: 1663963

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.4

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.459 ng

RT: 21.531 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

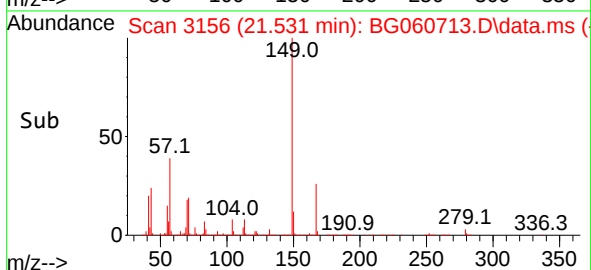
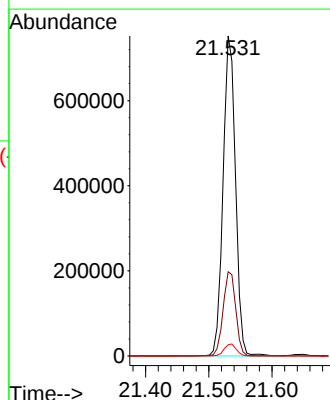
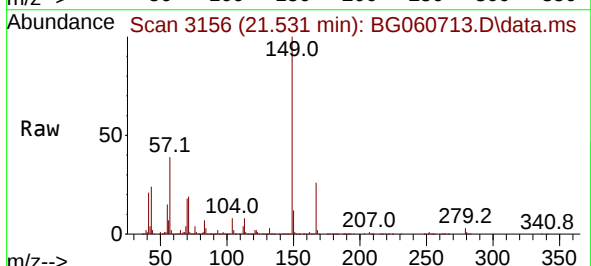
Tgt Ion:149 Resp: 1028874

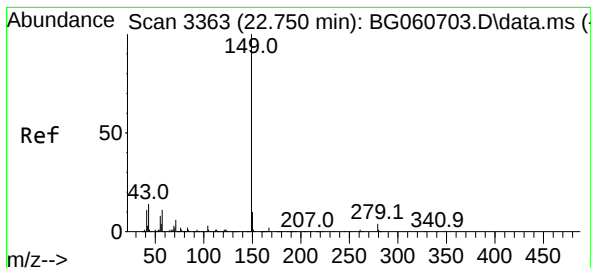
Ion Ratio Lower Upper

149 100

167 26.3 20.6 30.8

279 3.5 3.0 4.4

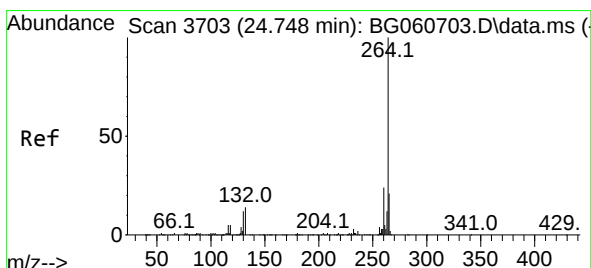
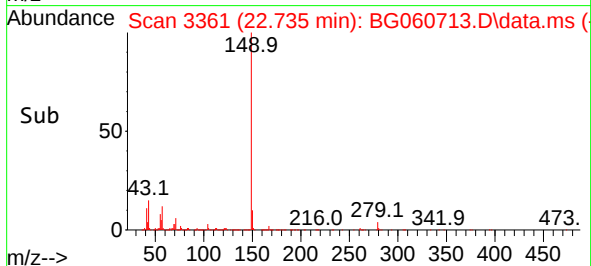
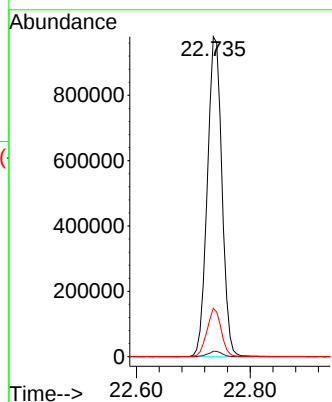
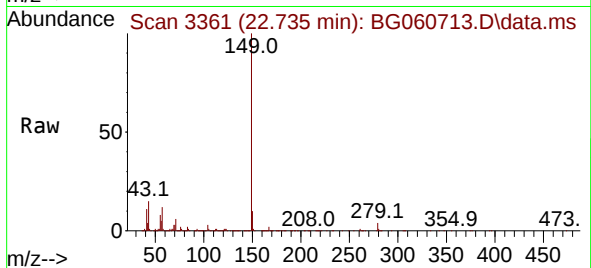




#85
Di-n-octyl phthalate
Concen: 48.011 ng
RT: 22.735 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

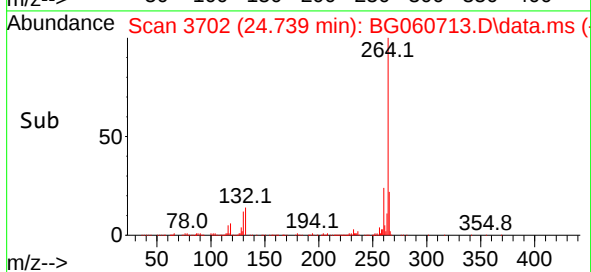
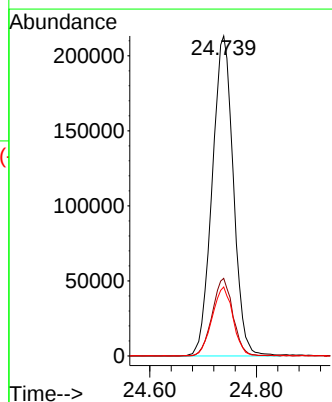
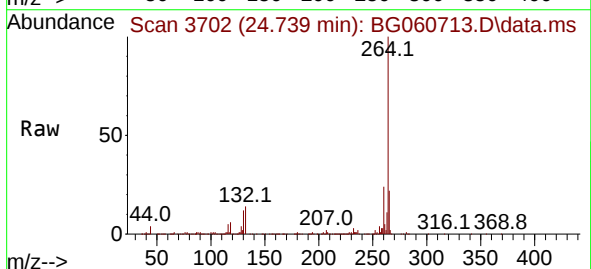
Instrument :
BNA_G
ClientSampleId :
PB159867BS

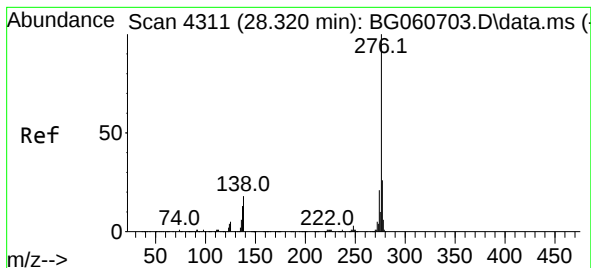
Tgt Ion:149 Resp: 1732116
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.0 11.3 16.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3702
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:264 Resp: 586171
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.167 ng

RT: 28.305 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

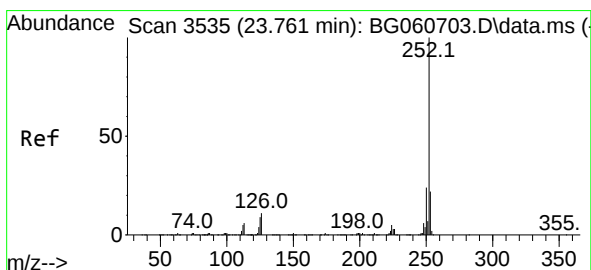
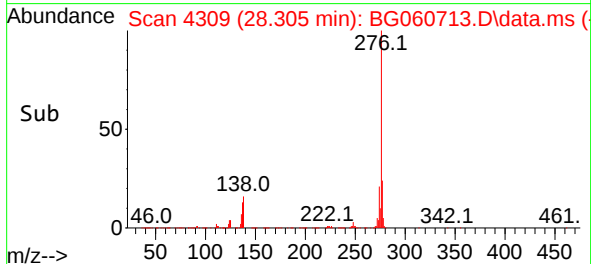
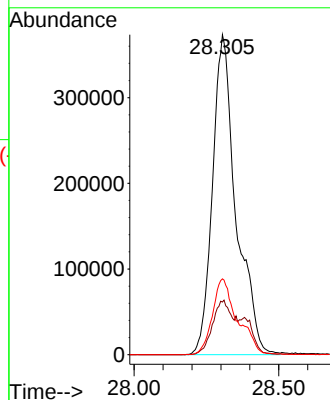
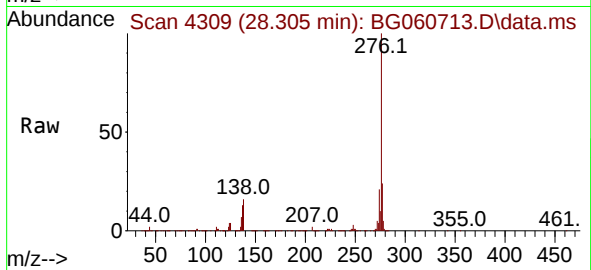
Tgt Ion:276 Resp: 2112099

Ion Ratio Lower Upper

276 100

138 13.6 12.4 18.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.709 ng

RT: 23.752 min Scan# 3534

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

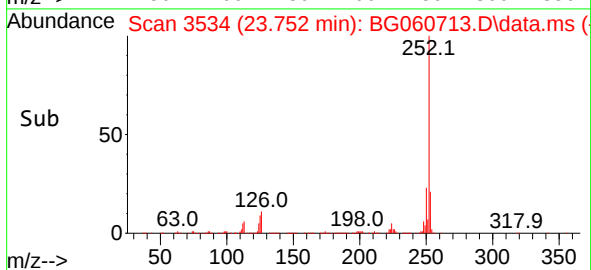
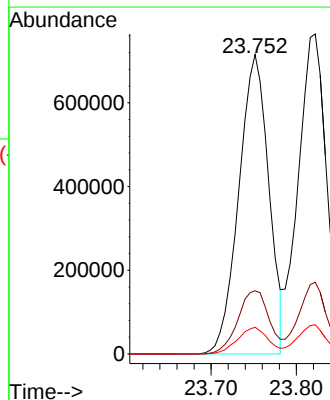
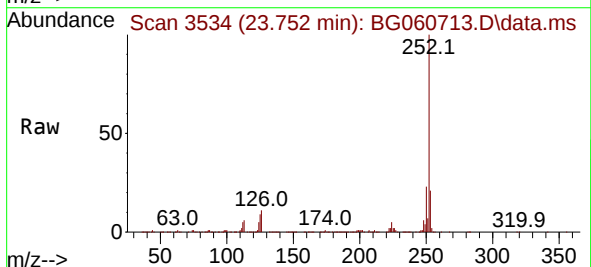
Tgt Ion:252 Resp: 1741332

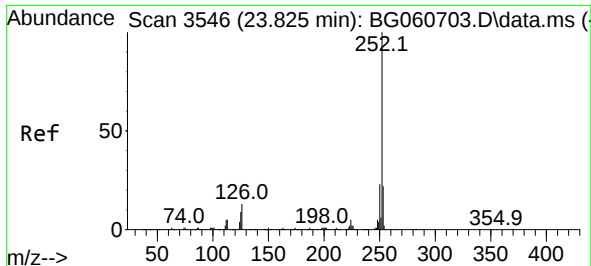
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

125 8.9 7.1 10.7

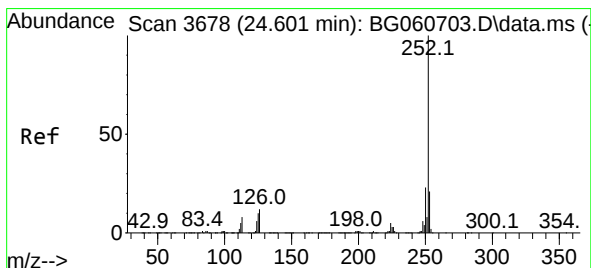
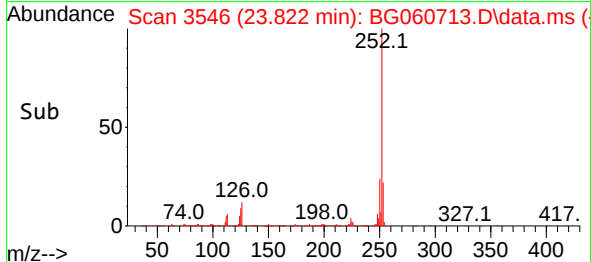
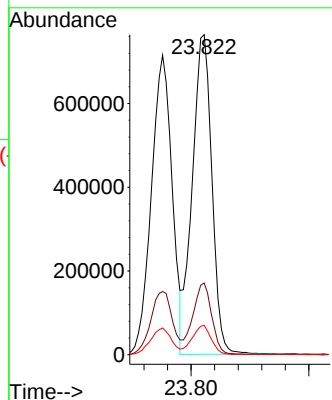
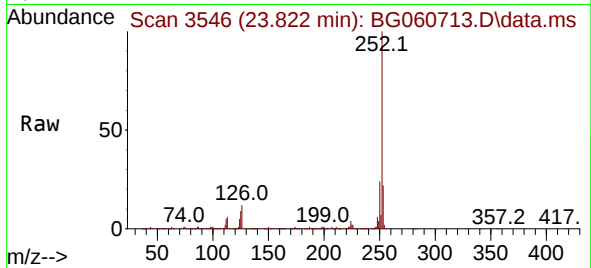




#89
Benzo(k)fluoranthene
Concen: 51.303 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

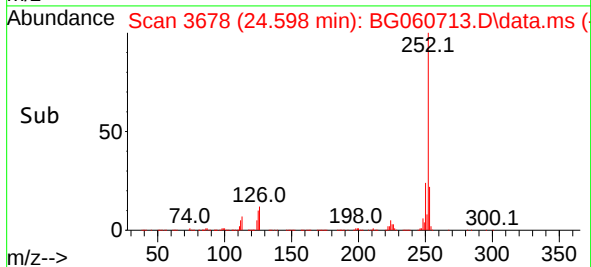
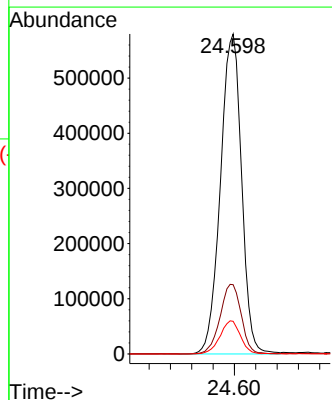
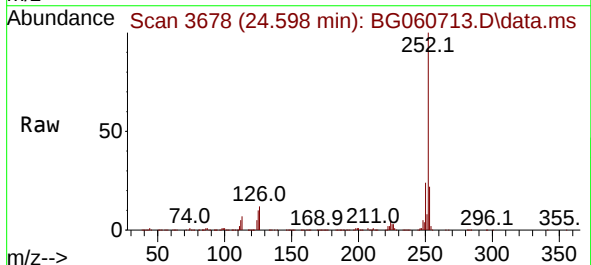
Instrument :
BNA_G
ClientSampleId :
PB159867BS

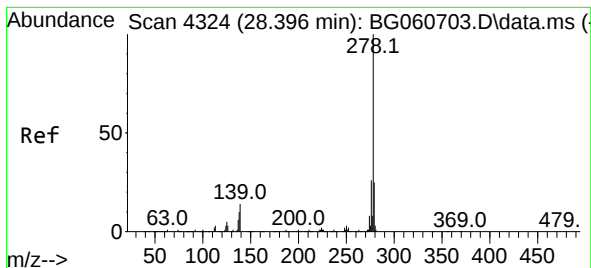
Tgt Ion:252 Resp: 1768319
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 48.712 ng
RT: 24.598 min Scan# 3678
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:252 Resp: 1594151
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 10.2 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 51.331 ng

RT: 28.387 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

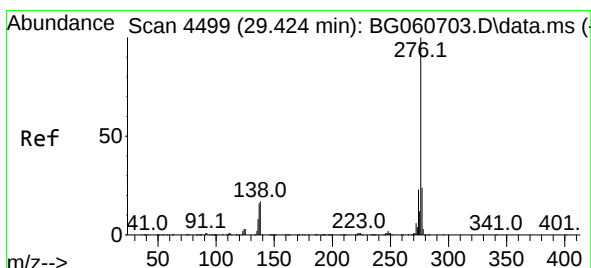
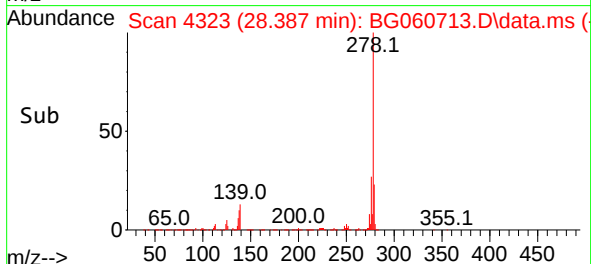
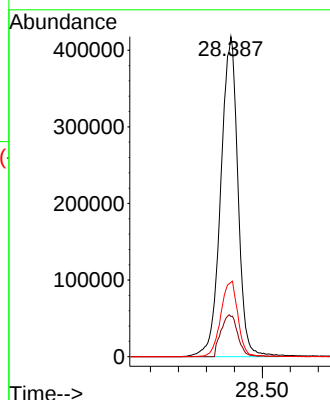
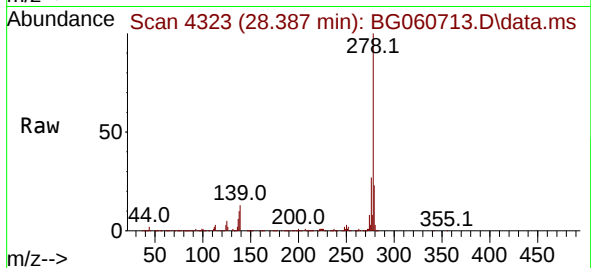
Tgt Ion:278 Resp: 1786131

Ion Ratio Lower Upper

278 100

139 12.6 11.1 16.7

279 23.2 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 49.605 ng

RT: 29.416 min Scan# 4498

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Tgt Ion:276 Resp: 1679064

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 18.3 14.0 21.0

