

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060911.D
 Acq On : 16 Apr 2024 13:10
 Operator : MA/JU
 Sample : PB160246BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BS

Quant Time: Apr 16 13:53:46 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	7.947	152	57254	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	244157	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	192896	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	462252	20.000	ng	-0.01
76) Chrysene-d12	21.589	240	415335	20.000	ng	-0.01
86) Perylene-d12	24.721	264	451610	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	419315	122.006	ng	0.00
7) Phenol-d6	7.118	99	593781	116.391	ng	0.00
23) Nitrobenzene-d5	9.104	82	391580	91.516	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	359103	163.998	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1001017	76.161	ng	-0.01
79) Terphenyl-d14	19.950	244	1862985	78.982	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	39262	27.864	ng	97
3) Pyridine	3.840	79	98482	23.170	ng	91
4) n-Nitrosodimethylamine	3.757	42	97120	38.227	ng	92
6) Aniline	7.271	93	153942	23.895	ng	97
8) 2-Chlorophenol	7.518	128	168641	43.282	ng	96
9) Benzaldehyde	7.089	77	19771	7.028	ng	95
10) Phenol	7.147	94	219996	42.254	ng	95
11) bis(2-Chloroethyl)ether	7.371	93	147681	35.132	ng	94
12) 1,3-Dichlorobenzene	7.841	146	162421	40.085	ng	97
13) 1,4-Dichlorobenzene	7.982	146	170066	41.140	ng	99
14) 1,2-Dichlorobenzene	8.299	146	164678	40.650	ng	99
15) Benzyl Alcohol	8.182	79	169968	41.130	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.469	45	366996	38.686	ng	100
17) 2-Methylphenol	8.393	107	150981	38.413	ng	98
18) Hexachloroethane	9.028	117	59918	40.811	ng	89
19) n-Nitroso-di-n-propyla...	8.751	70	137272	35.284	ng	99
20) 3+4-Methylphenols	8.716	107	211918	39.373	ng	96
22) Acetophenone	8.769	105	264440	39.279	ng	# 98
24) Nitrobenzene	9.145	77	201353	42.606	ng	98
25) Isophorone	9.668	82	363304	36.864	ng	99
26) 2-Nitrophenol	9.856	139	91703	53.668	ng	# 92
27) 2,4-Dimethylphenol	9.921	122	127996	32.331	ng	98
28) bis(2-Chloroethoxy)met...	10.156	93	214663	36.894	ng	98
29) 2,4-Dichlorophenol	10.391	162	172033	47.322	ng	96
30) 1,2,4-Trichlorobenzene	10.608	180	180974	43.963	ng	99
31) Naphthalene	10.796	128	503937	38.156	ng	98
32) Benzoic acid	10.068	122	129849	49.113	ng	96
33) 4-Chloroaniline	10.896	127	107010	17.444	ng	96
34) Hexachlorobutadiene	11.084	225	129072	47.047	ng	98
35) Caprolactam	11.677	113	36070	25.051	ng	96
36) 4-Chloro-3-methylphenol	12.030	107	197254	42.474	ng	98
37) 2-Methylnaphthalene	12.400	142	368981	38.000	ng	99
38) 1-Methylnaphthalene	12.623	142	340441	37.113	ng	99
40) 1,2,4,5-Tetrachloroben...	12.770	216	245617	44.291	ng	99
41) Hexachlorocyclopentadiene	12.753	237	252937	89.701	ng	100
43) 2,4,6-Trichlorophenol	13.011	196	172249	48.238	ng	95

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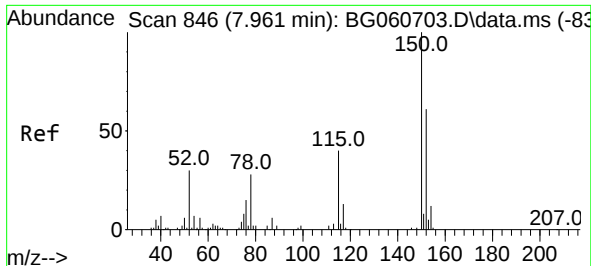
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	188691	44.279	ng	96
46) 1,1'-Biphenyl	13.411	154	524328	38.483	ng	97
47) 2-Chloronaphthalene	13.452	162	411261	39.728	ng	97
48) 2-Nitroaniline	13.652	65	154135	46.233	ng	98
49) Acenaphthylene	14.298	152	685419	39.406	ng	100
50) Dimethylphthalate	14.039	163	574918	37.708	ng	99
51) 2,6-Dinitrotoluene	14.151	165	120991	44.589	ng	97
52) Acenaphthene	14.645	154	391081	35.811	ng	98
53) 3-Nitroaniline	14.480	138	88798	30.742	ng #	95
54) 2,4-Dinitrophenol	14.686	184	153984	145.096	ng	90
55) Dibenzofuran	14.979	168	655357	38.045	ng	98
56) 4-Nitrophenol	14.797	139	208466	93.529	ng	92
57) 2,4-Dinitrotoluene	14.938	165	176550	49.546	ng	93
58) Fluorene	15.626	166	537268	38.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.203	232	180104	48.497	ng	97
60) Diethylphthalate	15.402	149	567506	36.997	ng	98
61) 4-Chlorophenyl-phenyle...	15.626	204	297181	40.631	ng	94
62) 4-Nitroaniline	15.643	138	129242	46.364	ng	93
63) Azobenzene	15.920	77	538263	36.011	ng	95
65) 4,6-Dinitro-2-methylph...	15.702	198	112079	57.177	ng	99
66) n-Nitrosodiphenylamine	15.837	169	506288	38.328	ng	98
67) 4-Bromophenyl-phenylether	16.519	248	210682	44.910	ng	96
68) Hexachlorobenzene	16.636	284	245814	46.417	ng	95
69) Atrazine	16.789	200	196037	42.439	ng	99
70) Pentachlorophenol	16.977	266	320894	92.864	ng	99
71) Phenanthrene	17.371	178	926458	38.537	ng	99
72) Anthracene	17.459	178	933765	38.246	ng	99
73) Carbazole	17.723	167	819362	38.063	ng	99
74) Di-n-butylphthalate	18.299	149	982854	36.623	ng	100
75) Fluoranthene	19.380	202	1119302	38.369	ng	97
77) Benzidine	19.556	184	231339	21.153	ng	98
78) Pyrene	19.739	202	1156192	39.803	ng	99
80) Butylbenzylphthalate	20.643	149	427475	40.342	ng	96
81) Benzo(a)anthracene	21.572	228	1159136	39.592	ng	99
82) 3,3'-Dichlorobenzidine	21.484	252	315842	31.950	ng	98
83) Chrysene	21.636	228	1109081	39.303	ng	99
84) Bis(2-ethylhexyl)phtha...	21.501	149	608788	36.047	ng	96
85) Di-n-octyl phthalate	22.694	149	1061146	38.568	ng	100
87) Indeno(1,2,3-cd)pyrene	28.287	276	1390804	43.733	ng #	96
88) Benzo(b)fluoranthene	23.734	252	1145579	44.154	ng #	98
89) Benzo(k)fluoranthene	23.799	252	1142721	43.031	ng #	98
90) Benzo(a)pyrene	24.574	252	1063495	42.180	ng	99
91) Dibenzo(a,h)anthracene	28.352	278	1144084	42.676	ng #	95
92) Benzo(g,h,i)perylene	29.392	276	1071168	41.074	ng	96

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

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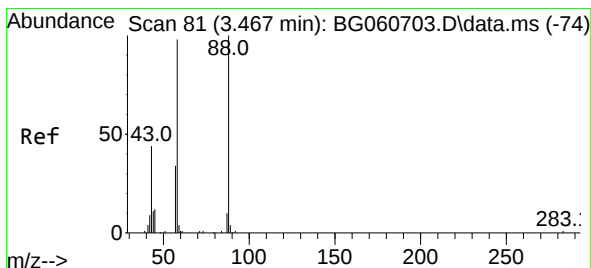
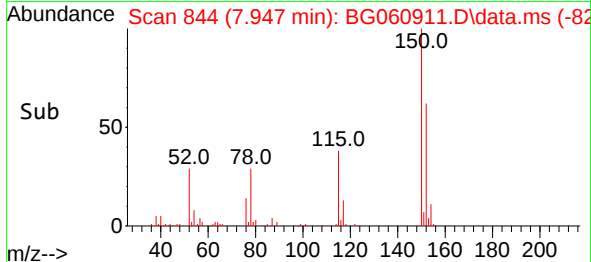
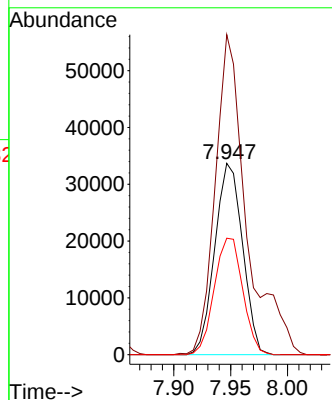
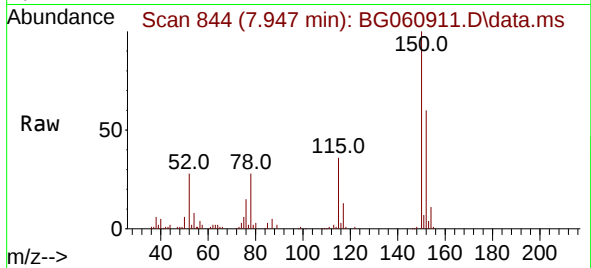




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.947 min Scan# 84
 Delta R.T. -0.014 min
 Lab File: BG060911.D
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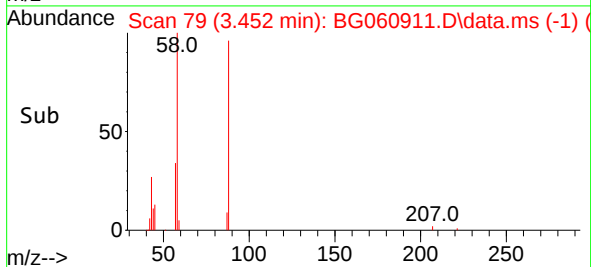
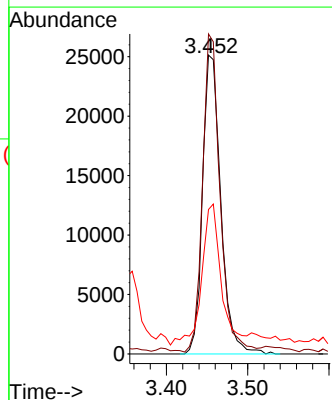
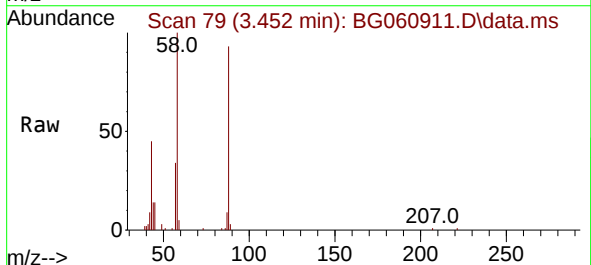
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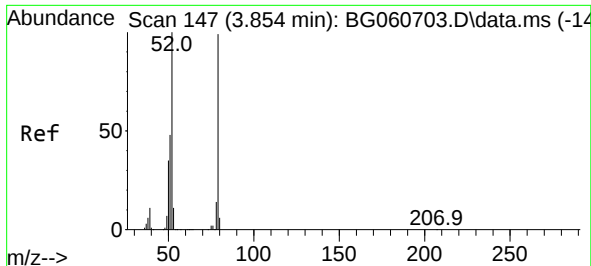
Tgt Ion:152 Resp: 57254
 Ion Ratio Lower Upper
 152 100
 150 167.3 130.2 195.4
 115 60.9 51.6 77.4



#2
 1,4-Dioxane
 Concen: 27.864 ng
 RT: 3.452 min Scan# 79
 Delta R.T. -0.015 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Tgt Ion: 88 Resp: 39262
 Ion Ratio Lower Upper
 88 100
 58 101.1 80.9 121.3
 43 50.2 35.4 53.0





#3

Pyridine

Concen: 23.170 ng

RT: 3.840 min Scan# 14

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

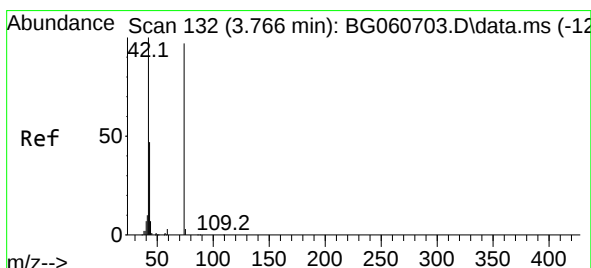
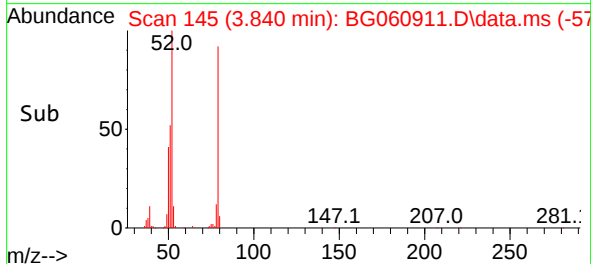
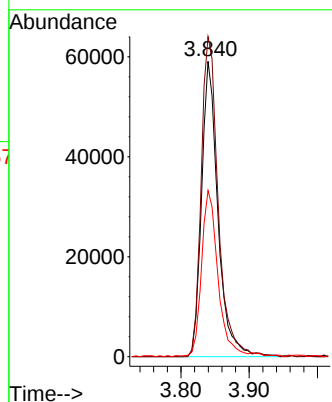
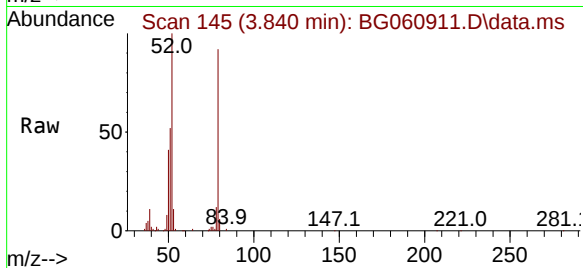
Tgt Ion: 79 Resp: 98482

Ion Ratio Lower Upper

79 100

52 108.3 80.6 120.8

51 56.2 39.1 58.7



#4

n-Nitrosodimethylamine

Concen: 38.227 ng

RT: 3.757 min Scan# 131

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

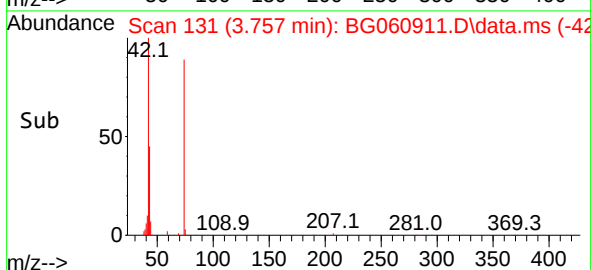
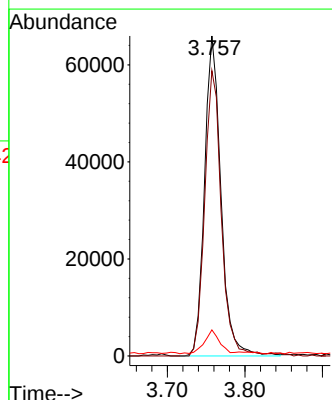
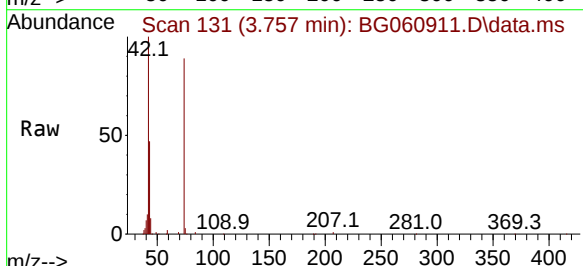
Tgt Ion: 42 Resp: 97120

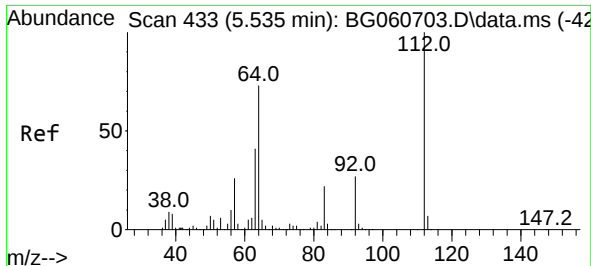
Ion Ratio Lower Upper

42 100

74 89.1 77.8 116.8

44 8.2 6.8 10.2

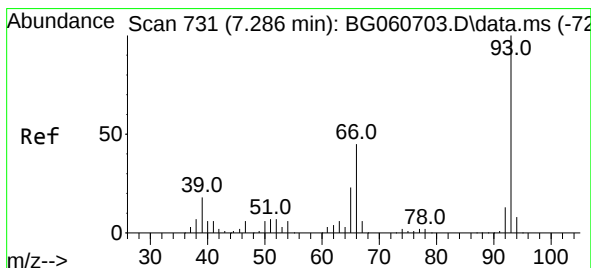
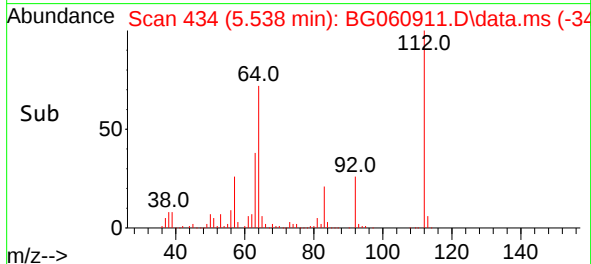
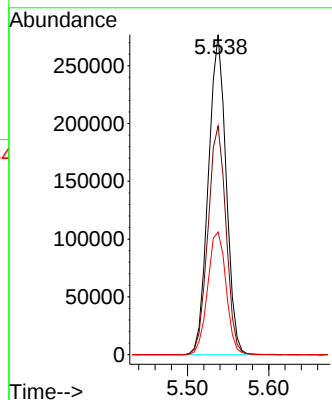
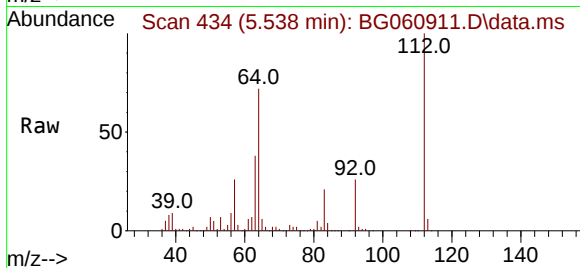




#5
2-Fluorophenol
Concen: 122.006 ng
RT: 5.538 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

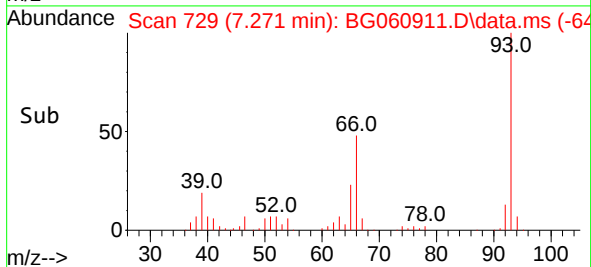
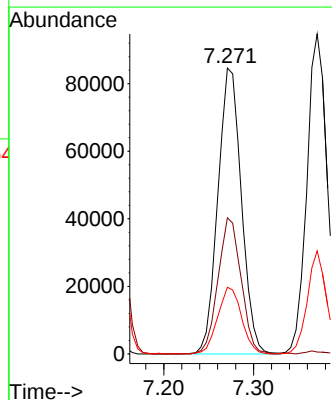
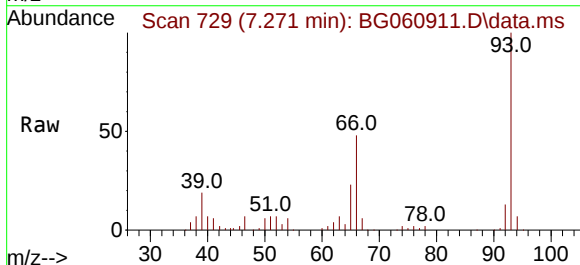
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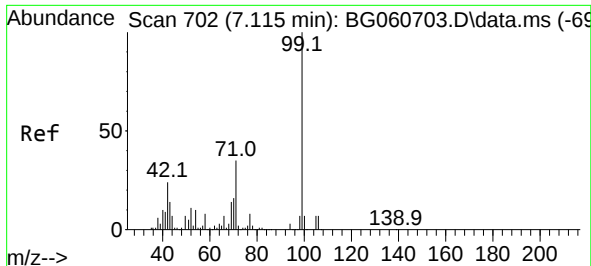
Tgt Ion:112 Resp: 419315
Ion Ratio Lower Upper
112 100
64 71.5 58.4 87.6
63 38.3 32.7 49.1



#6
Aniline
Concen: 23.895 ng
RT: 7.271 min Scan# 729
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 93 Resp: 153942
Ion Ratio Lower Upper
93 100
66 47.6 36.1 54.1
65 23.3 18.1 27.1

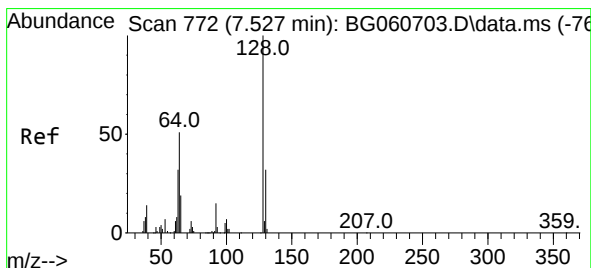
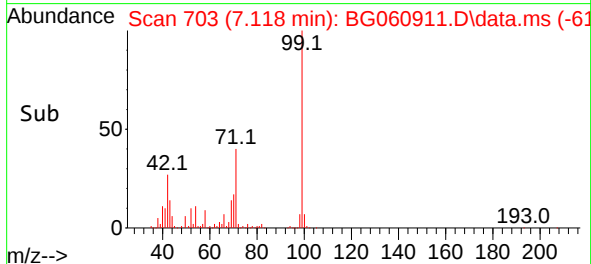
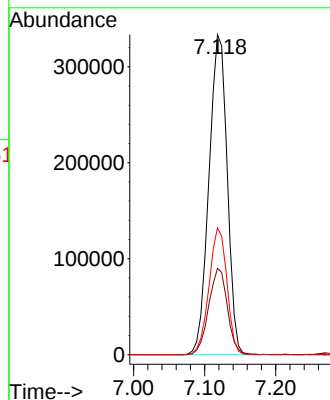
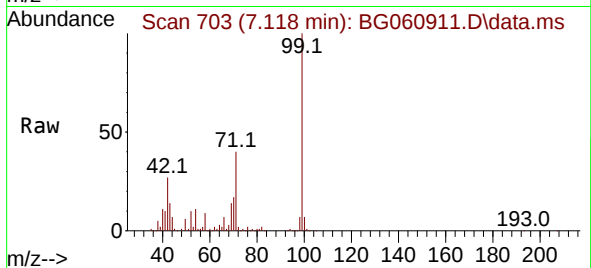




#7
Phenol-d6
Concen: 116.391 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

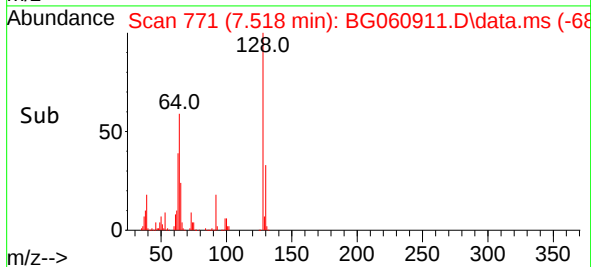
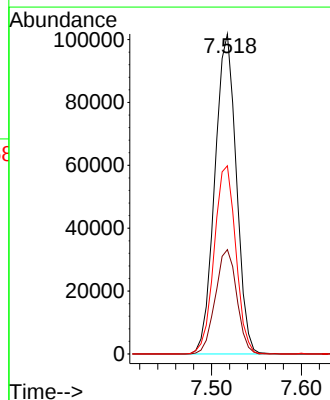
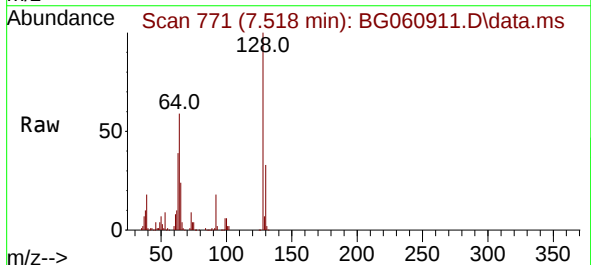
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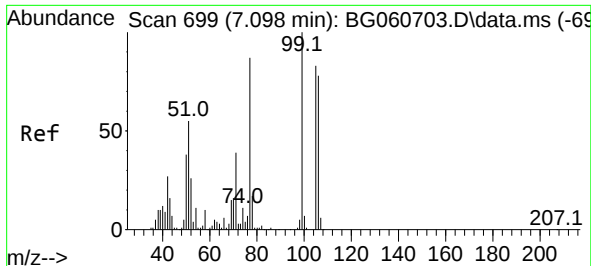
Tgt Ion: 99 Resp: 593781
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 39.6 28.2 42.2



#8
2-Chlorophenol
Concen: 43.282 ng
RT: 7.518 min Scan# 771
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:128 Resp: 168641
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 58.8 35.0 75.0

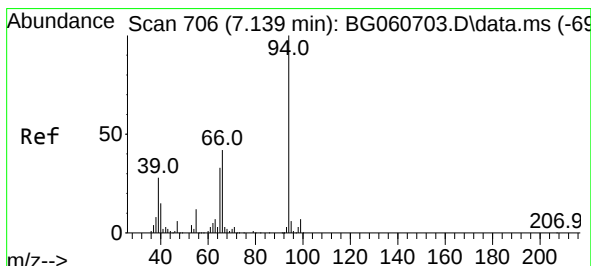
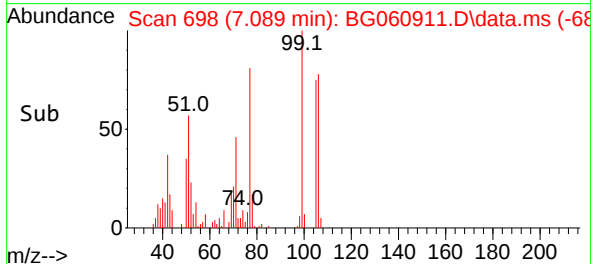
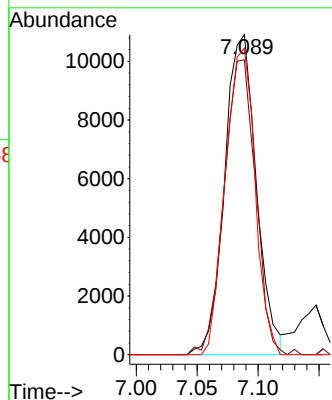
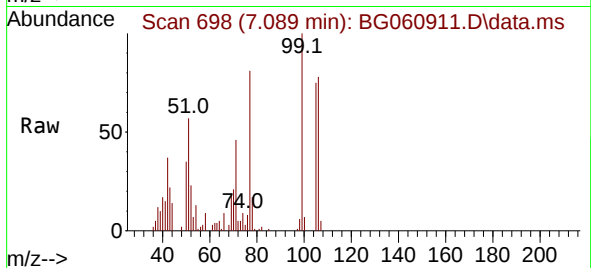




#9
Benzaldehyde
Concen: 7.028 ng
RT: 7.089 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

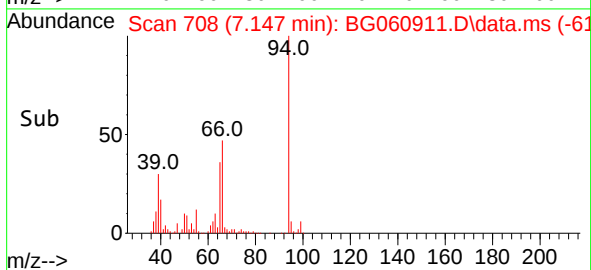
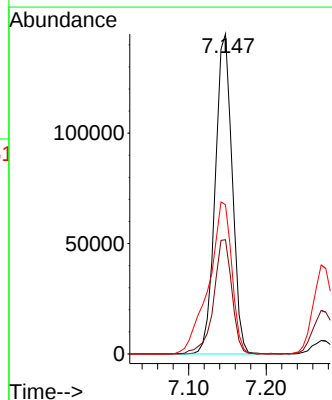
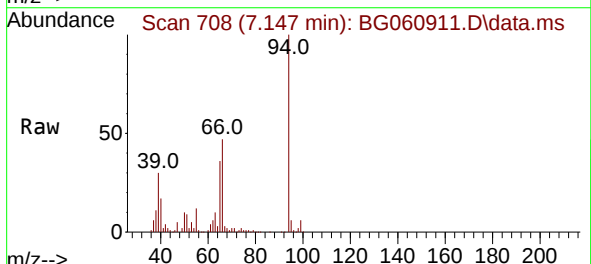
Instrument :
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ClientSampleId :
PB160246BS

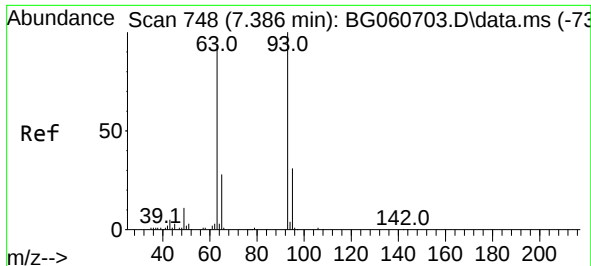
Tgt Ion: 77 Resp: 19771
Ion Ratio Lower Upper
77 100
105 92.2 76.0 116.0
106 95.8 70.3 110.3



#10
Phenol
Concen: 42.254 ng
RT: 7.147 min Scan# 708
Delta R.T. 0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 94 Resp: 219996
Ion Ratio Lower Upper
94 100
65 35.7 13.3 53.3
66 46.7 22.9 62.9



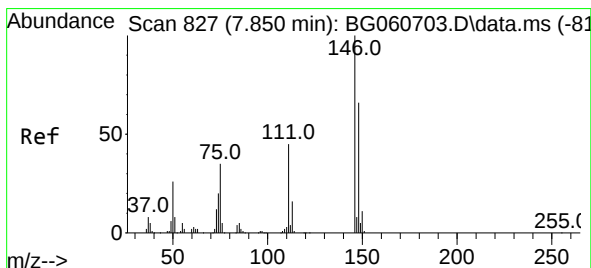
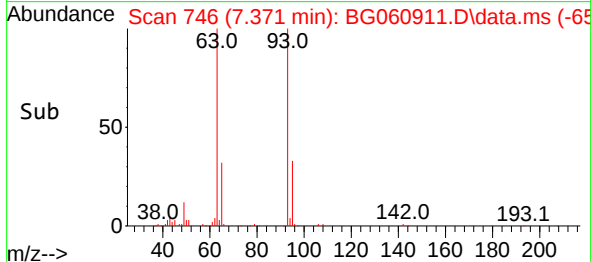
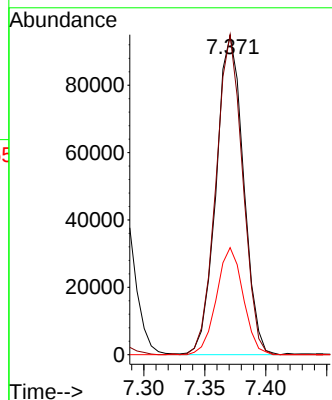
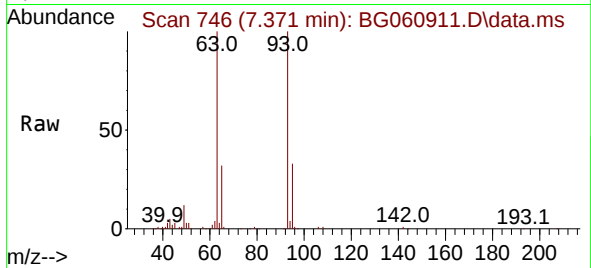


#11
bis(2-Chloroethyl)ether
Concen: 35.132 ng
RT: 7.371 min Scan# 748
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :
BNA_G
ClientSampleId :
PB160246BS

Tgt Ion: 93 Resp: 147681

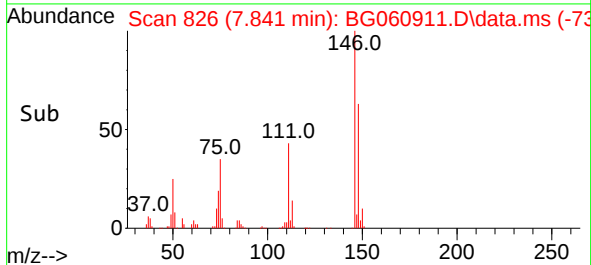
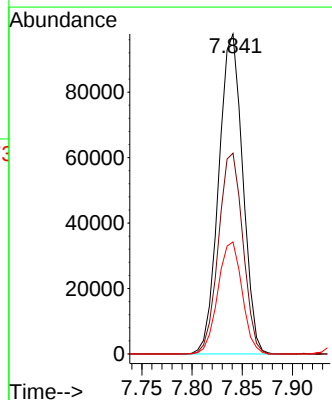
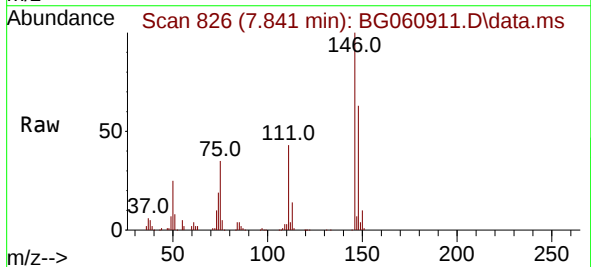
Ion	Ratio	Lower	Upper
93	100		
63	100.3	73.7	113.7
95	33.5	11.2	51.2

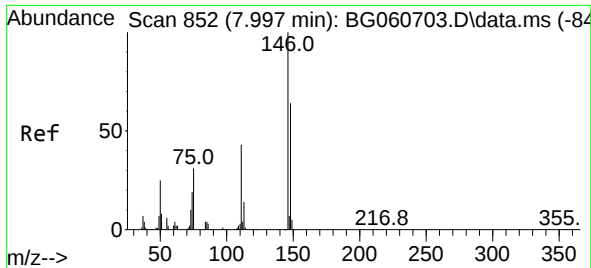


#12
1,3-Dichlorobenzene
Concen: 40.085 ng
RT: 7.841 min Scan# 826
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 146 Resp: 162421

Ion	Ratio	Lower	Upper
146	100		
148	62.8	53.0	79.4
75	35.0	28.1	42.1

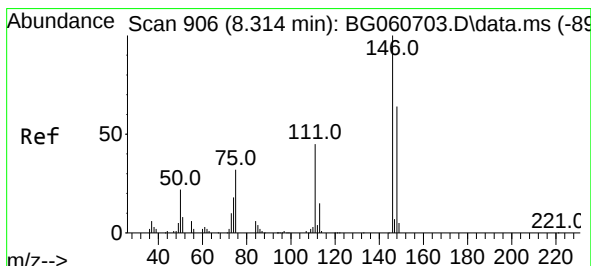
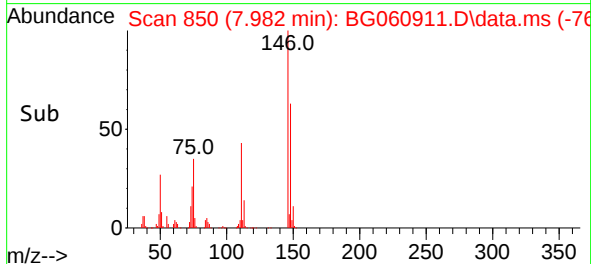
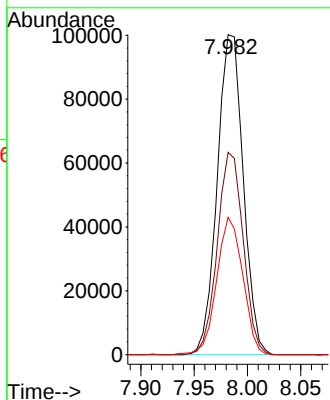
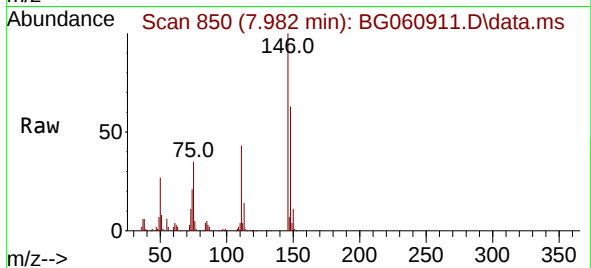




#13
1,4-Dichlorobenzene
Concen: 41.140 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

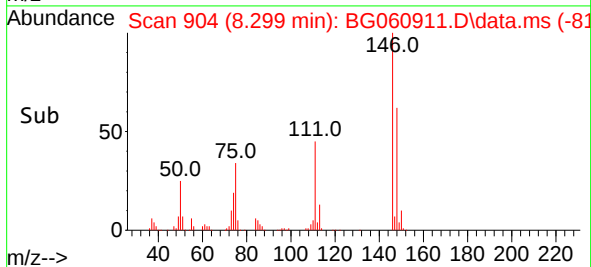
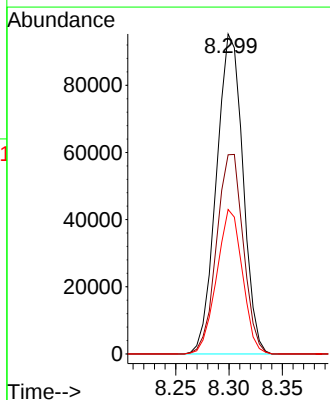
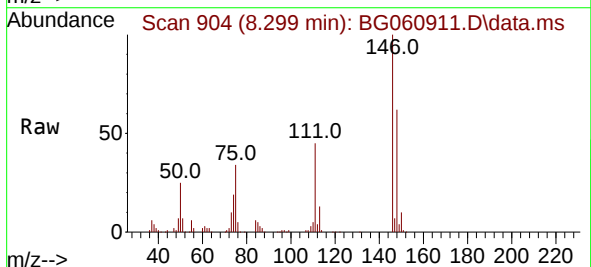
Instrument :
BNA_G
ClientSampleId :
PB160246BS

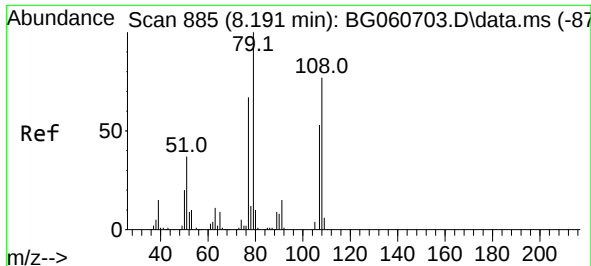
Tgt Ion:146 Resp: 170066
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
111 43.0 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 40.650 ng
RT: 8.299 min Scan# 904
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:146 Resp: 164678
Ion Ratio Lower Upper
146 100
148 62.3 51.0 76.6
111 45.2 36.0 54.0

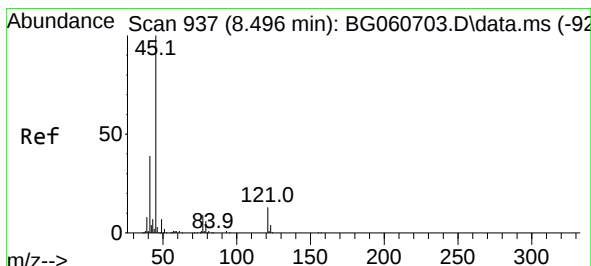
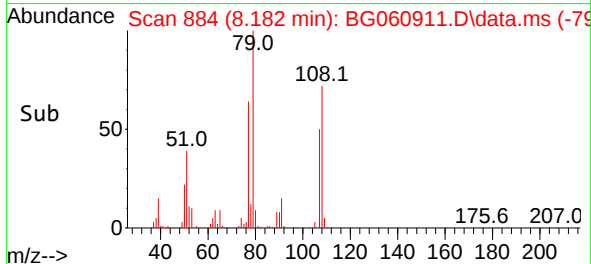
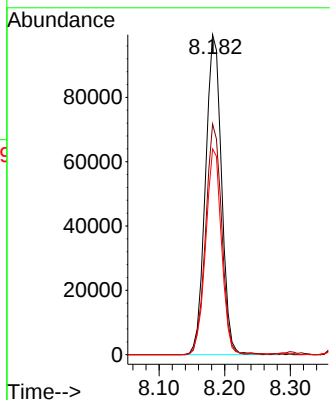
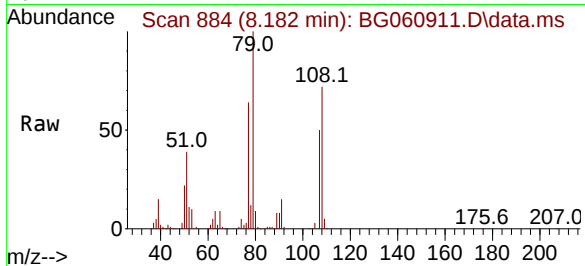




#15
Benzyl Alcohol
Concen: 41.130 ng
RT: 8.182 min Scan# 811
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

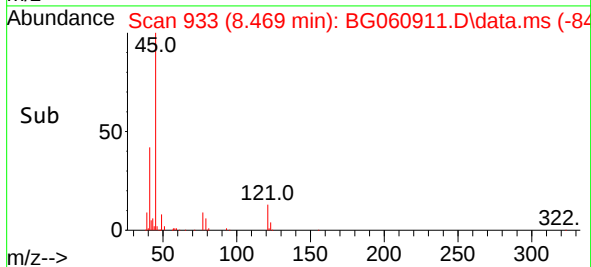
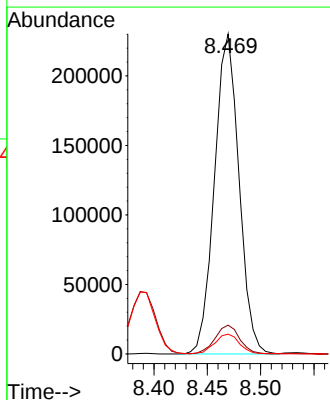
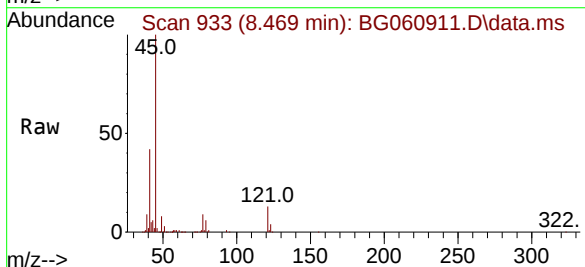
Instrument :
BNA_G
ClientSampleId :
PB160246BS

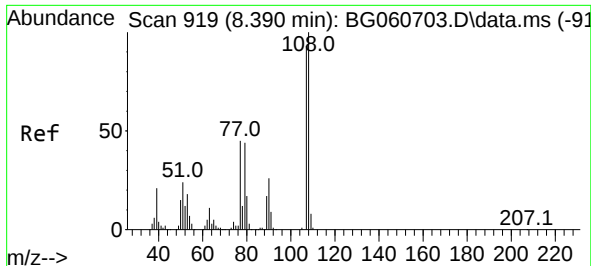
Tgt Ion: 79 Resp: 169968
Ion Ratio Lower Upper
79 100
108 72.1 61.4 92.0
77 64.3 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.686 ng
RT: 8.469 min Scan# 933
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 45 Resp: 366996
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 6.2 0.0 26.5

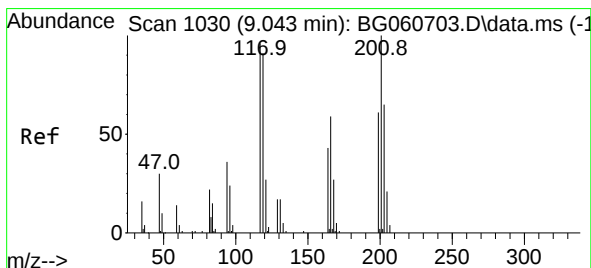
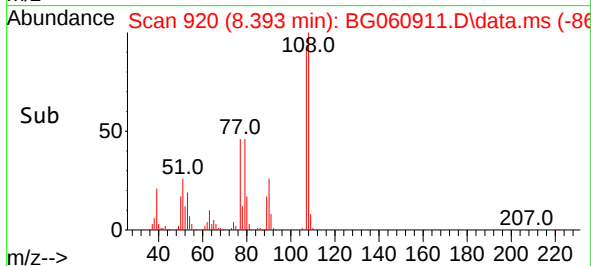
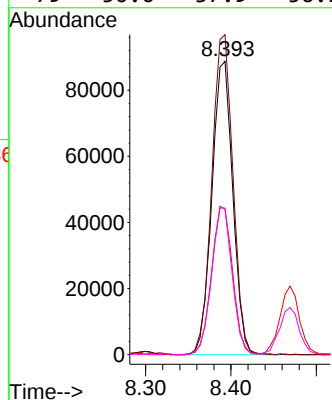
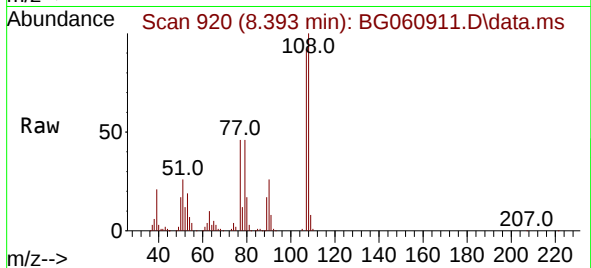




#17
2-Methylphenol
Concen: 38.413 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

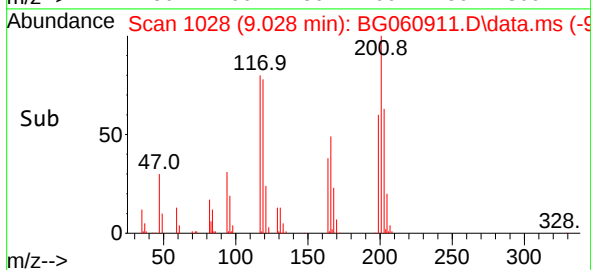
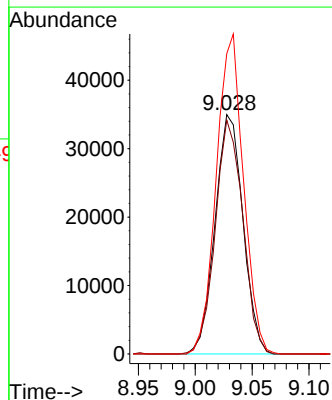
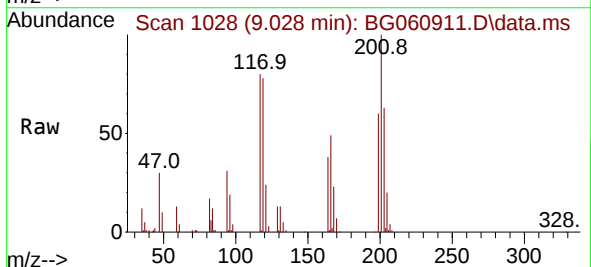
Instrument :
BNA_G
ClientSampleId :
PB160246BS

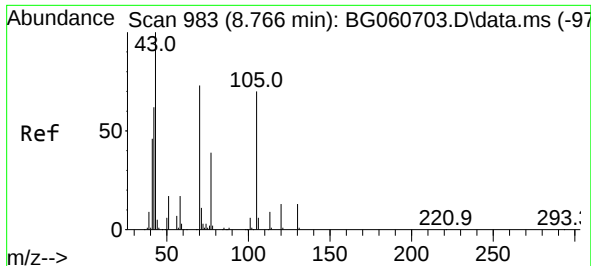
Tgt Ion:	107	Resp:	150981
Ion	Ratio	Lower	Upper
107	100		
108	109.0	86.4	129.6
77	49.6	38.6	58.0
79	50.0	37.9	56.9



#18
Hexachloroethane
Concen: 40.811 ng
RT: 9.028 min Scan# 1028
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:	117	Resp:	59918
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.7	113.5
201	123.5	83.4	125.2

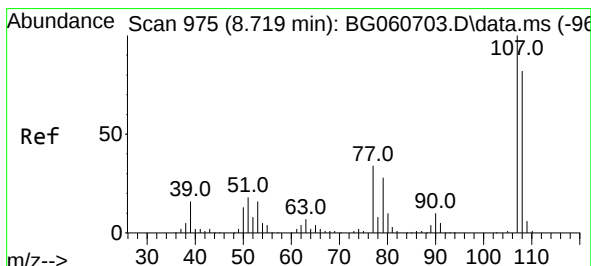
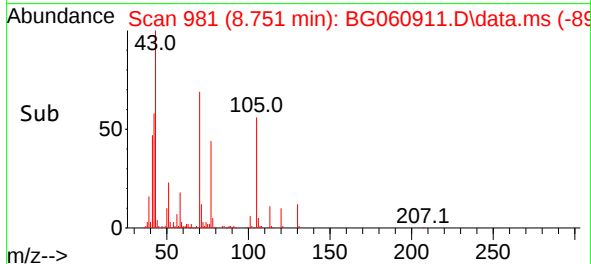
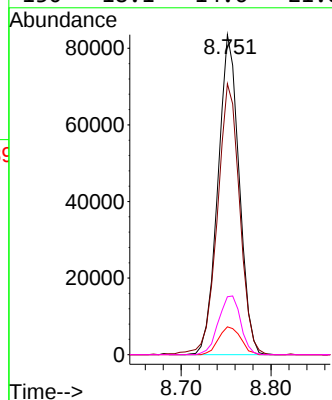
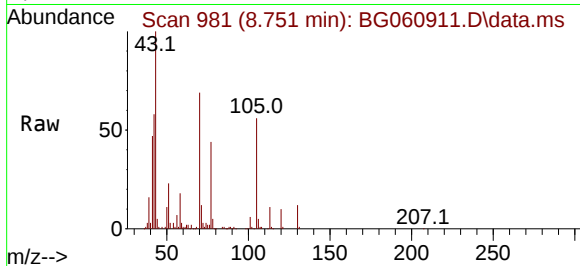




#19
n-Nitroso-di-n-propylamine
Concen: 35.284 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

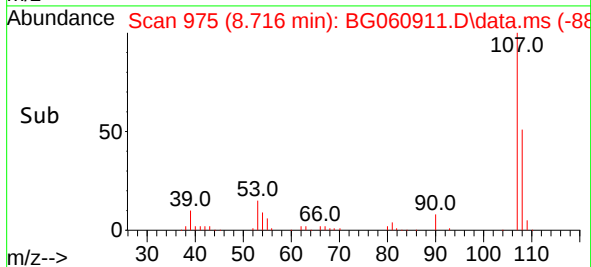
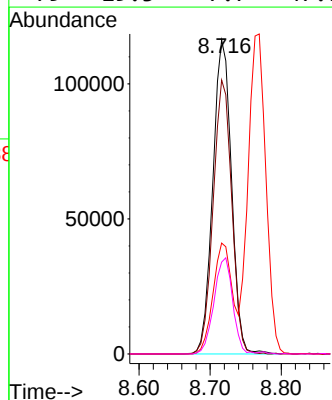
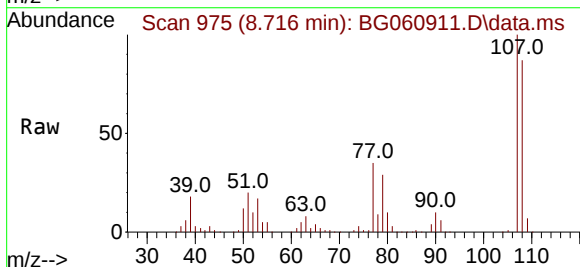
Instrument :
BNA_G
ClientSampleId :
PB160246BS

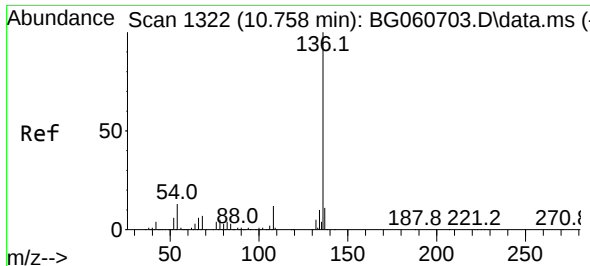
Tgt Ion: 70 Resp: 137272
Ion Ratio Lower Upper
70 100
42 84.6 68.4 102.6
101 8.7 6.1 9.1
130 18.1 14.6 21.8



#20
3+4-Methylphenols
Concen: 39.373 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 107 Resp: 211918
Ion Ratio Lower Upper
107 100
108 87.2 62.2 102.2
77 35.3 14.1 54.1
79 29.3 7.7 47.7

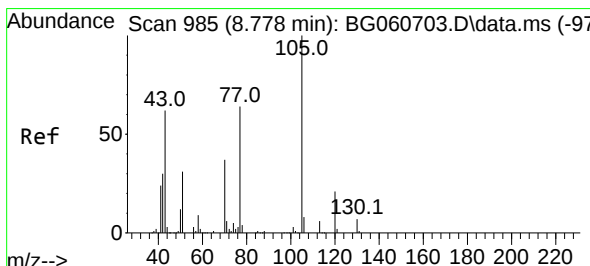
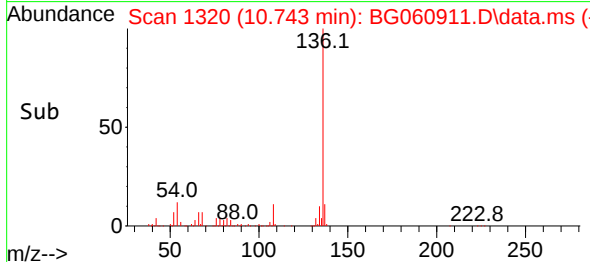
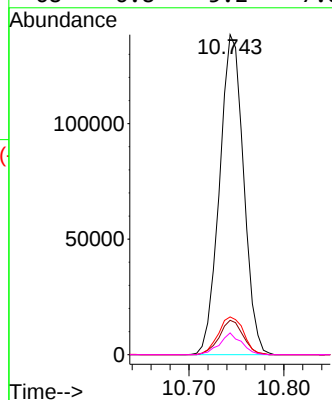
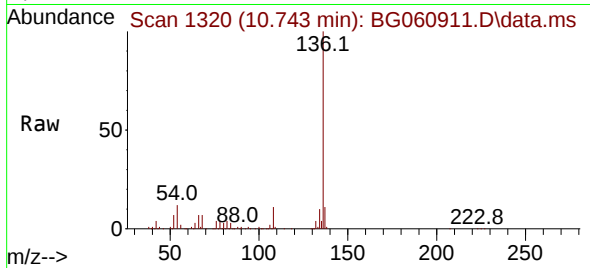




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

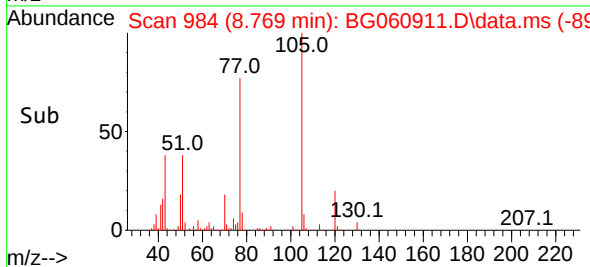
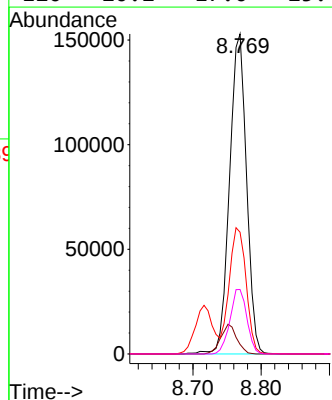
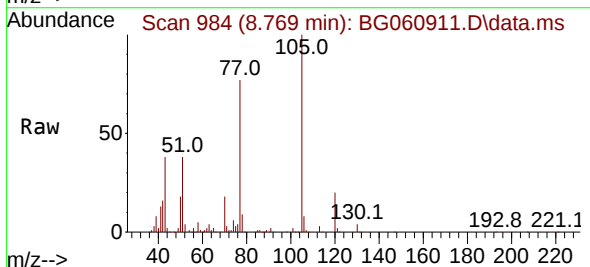
Instrument :
BNA_G
ClientSampleId :
PB160246BS

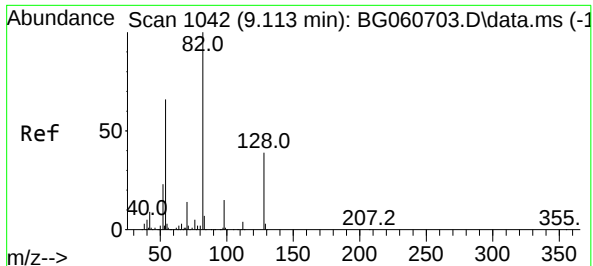
Tgt Ion:	136	Resp:	244157
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.8	10.2	15.2
68	6.8	5.2	7.8



#22
Acetophenone
Concen: 39.279 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:	105	Resp:	264440
Ion	Ratio	Lower	Upper
105	100		
71	3.0	4.9	7.3#
51	38.1	31.1	46.7
120	20.2	17.0	25.4





#23

Nitrobenzene-d5

Concen: 91.516 ng

RT: 9.104 min Scan# 1041

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

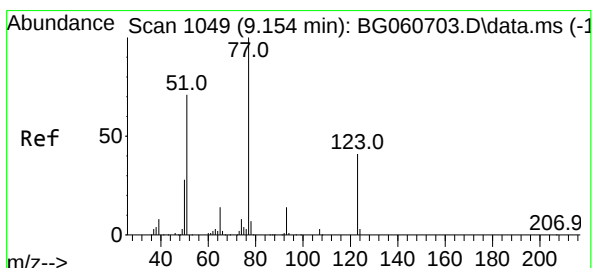
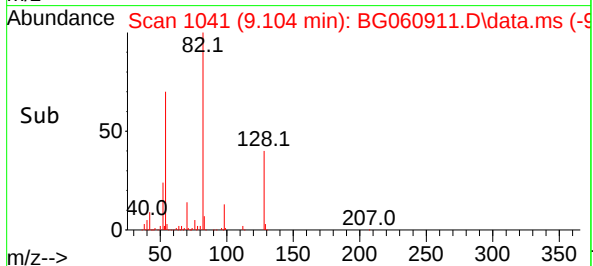
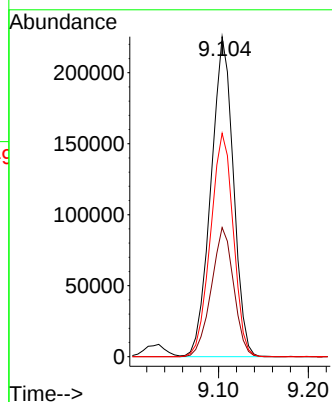
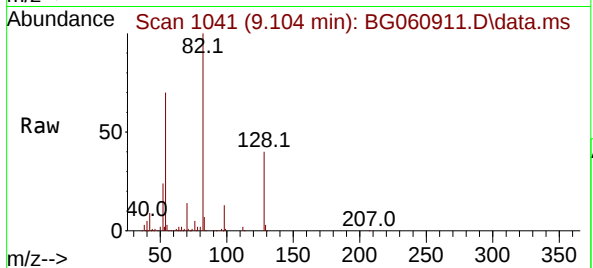
Tgt Ion: 82 Resp: 391580

Ion Ratio Lower Upper

82 100

128 40.3 31.2 46.8

54 69.8 53.2 79.8



#24

Nitrobenzene

Concen: 42.606 ng

RT: 9.145 min Scan# 1048

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

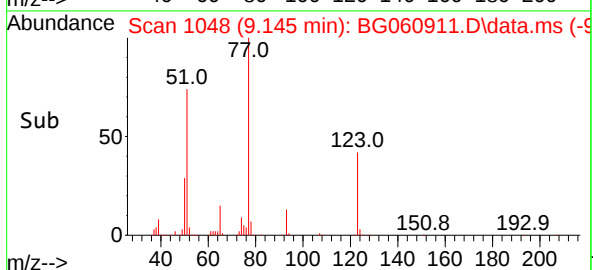
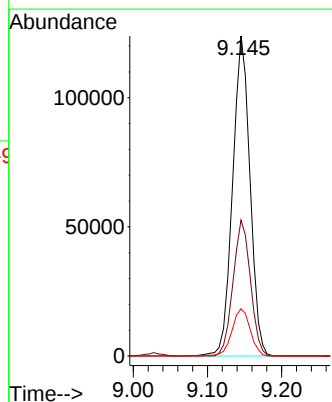
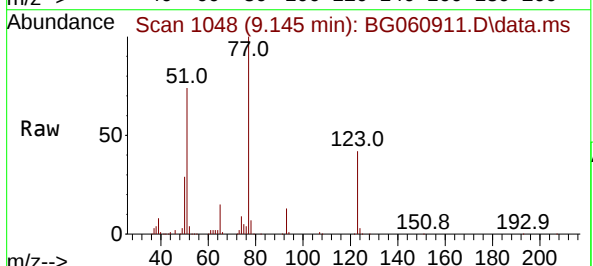
Tgt Ion: 77 Resp: 201353

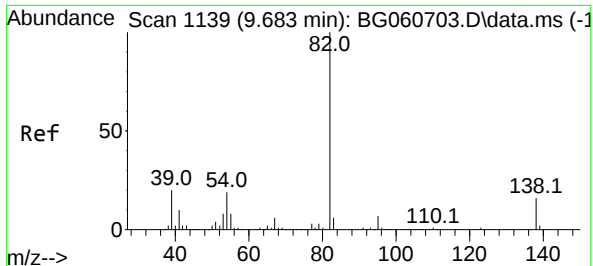
Ion Ratio Lower Upper

77 100

123 42.4 32.7 49.1

65 14.8 11.3 16.9

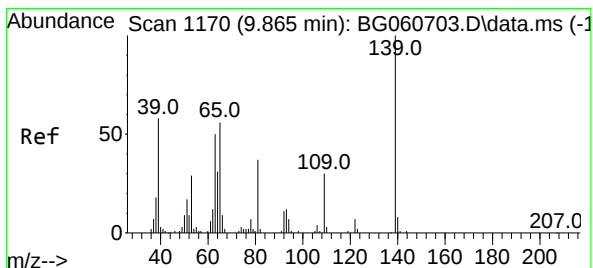
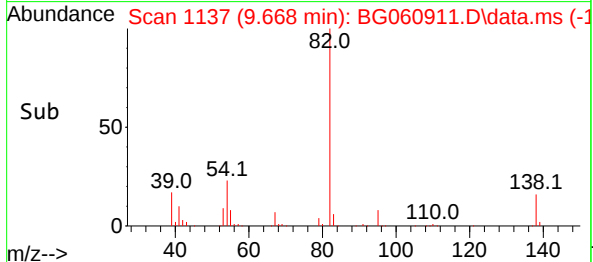
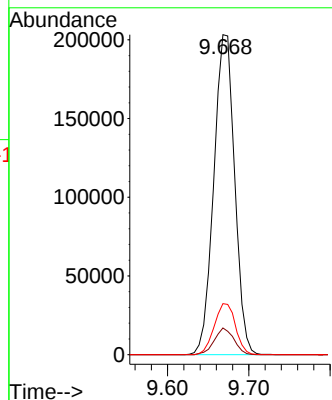
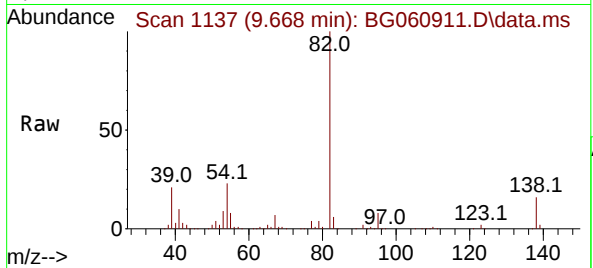




#25
Isophorone
Concen: 36.864 ng
RT: 9.668 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

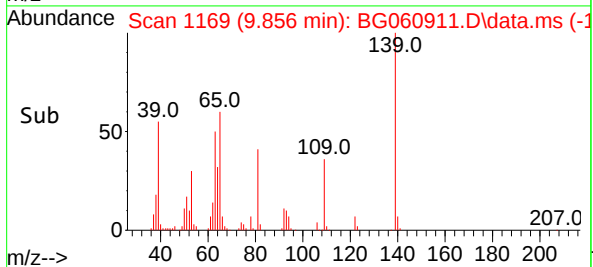
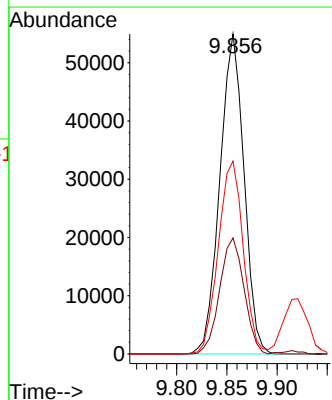
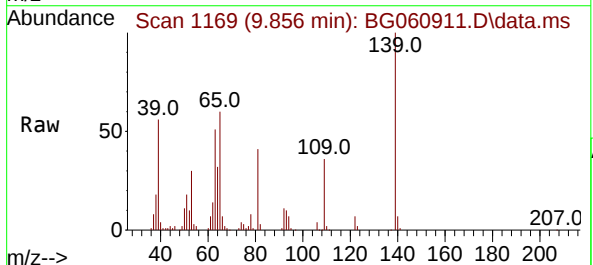
Instrument :
BNA_G
ClientSampleId :
PB160246BS

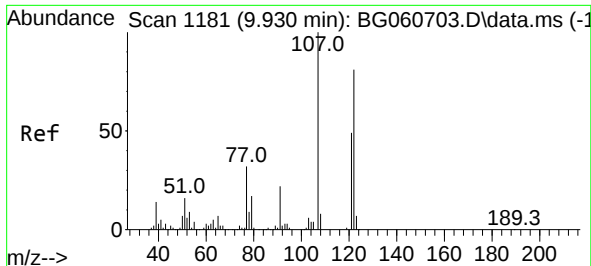
Tgt Ion: 82 Resp: 363304
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 16.0 13.0 19.4



#26
2-Nitrophenol
Concen: 53.668 ng
RT: 9.856 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 139 Resp: 91703
Ion Ratio Lower Upper
139 100
109 36.3 23.9 35.9#
65 60.3 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 32.331 ng

RT: 9.921 min Scan# 1181

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

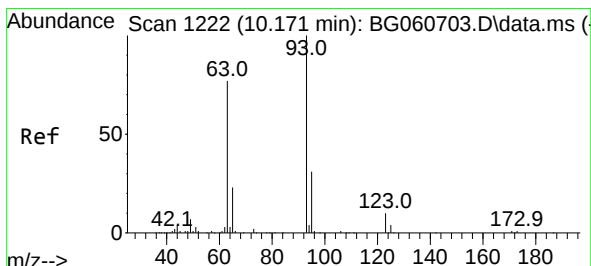
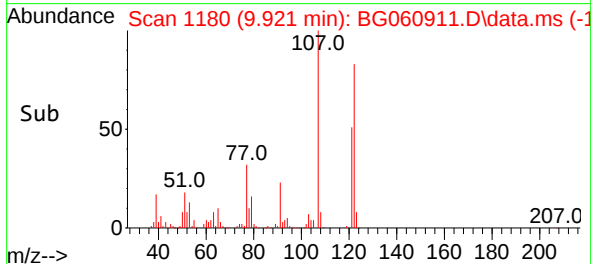
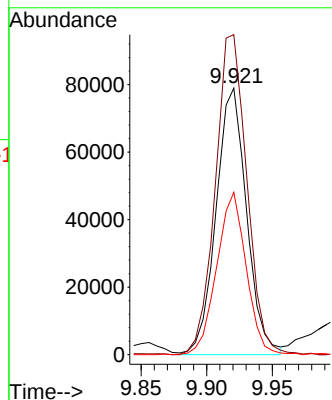
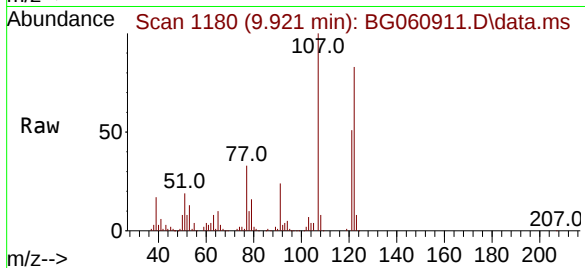
Tgt Ion:122 Resp: 127996

Ion Ratio Lower Upper

122 100

107 120.0 98.6 147.8

121 60.9 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.894 ng

RT: 10.156 min Scan# 1220

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

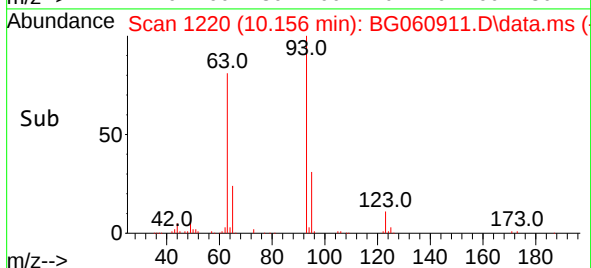
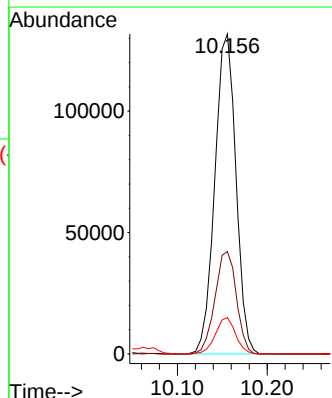
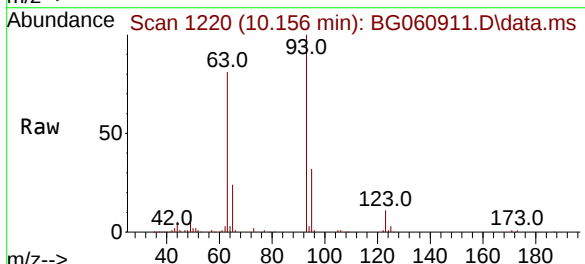
Tgt Ion: 93 Resp: 214663

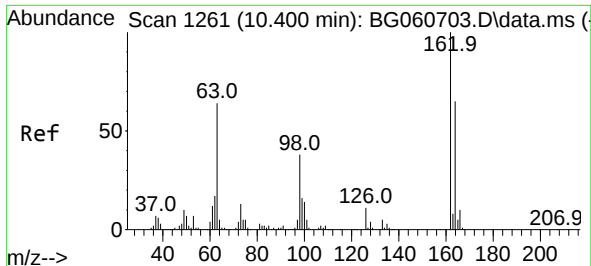
Ion Ratio Lower Upper

93 100

95 32.0 25.1 37.7

123 11.3 8.0 12.0

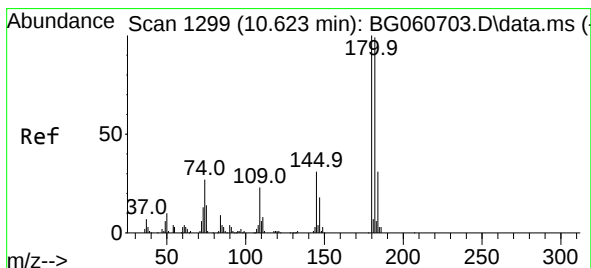
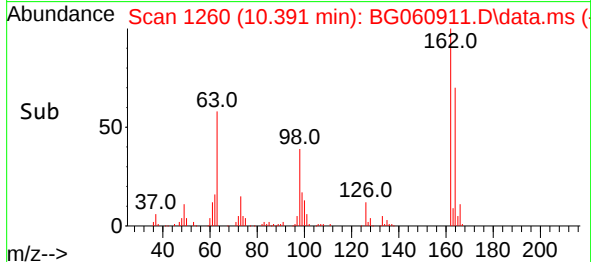
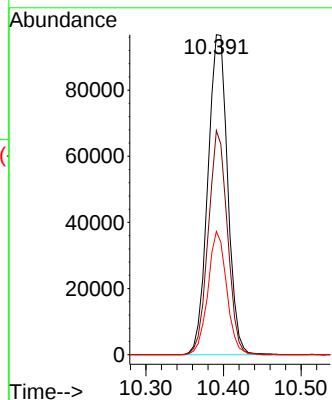
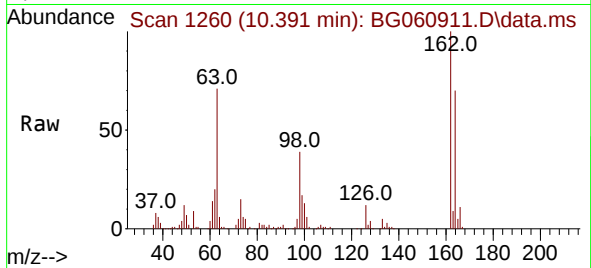




#29
2,4-Dichlorophenol
Concen: 47.322 ng
RT: 10.391 min Scan# 1260
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

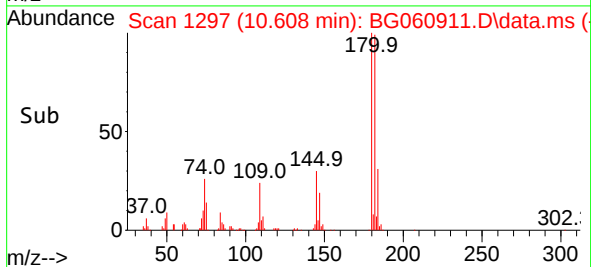
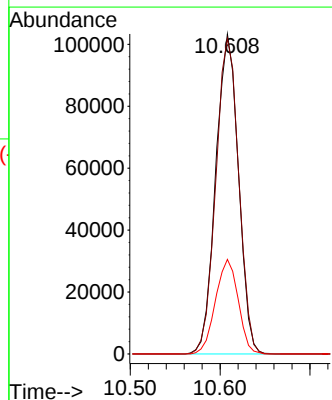
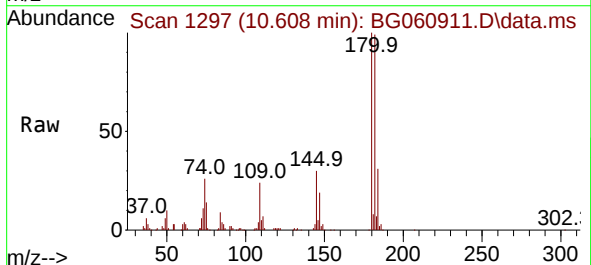
Instrument :
BNA_G
ClientSampleId :
PB160246BS

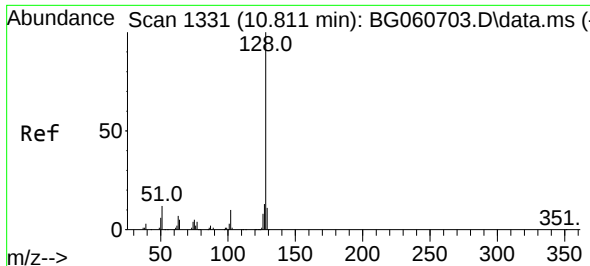
Tgt Ion:162 Resp: 172033
Ion Ratio Lower Upper
162 100
164 70.0 45.2 85.2
98 38.5 17.7 57.7



#30
1,2,4-Trichlorobenzene
Concen: 43.963 ng
RT: 10.608 min Scan# 1297
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:180 Resp: 180974
Ion Ratio Lower Upper
180 100
182 98.6 79.0 118.4
145 29.5 24.9 37.3

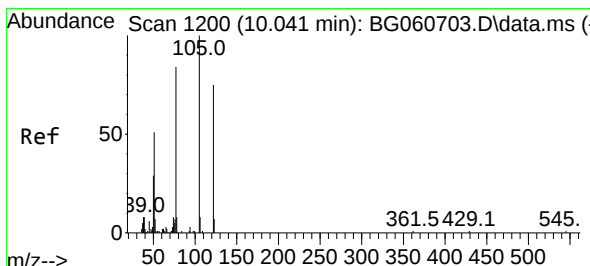
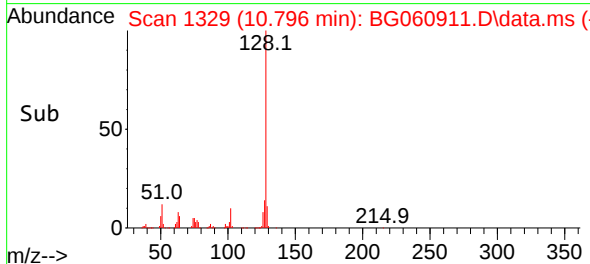
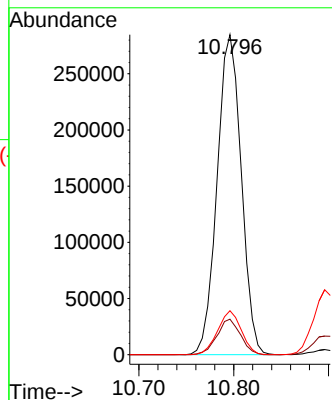
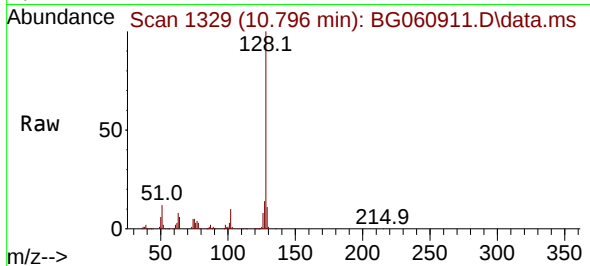




#31
Naphthalene
Concen: 38.156 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

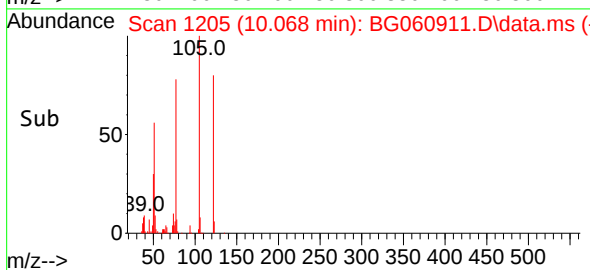
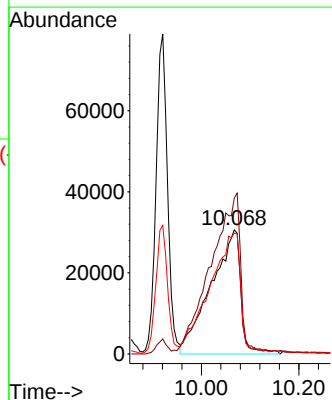
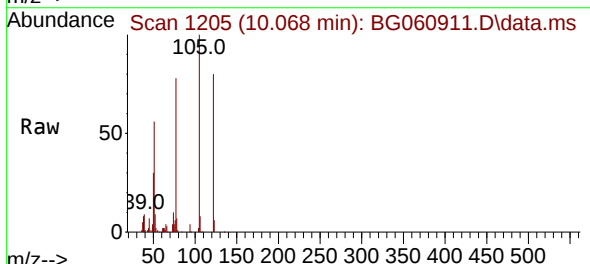
Instrument :
BNA_G
ClientSampleId :
PB160246BS

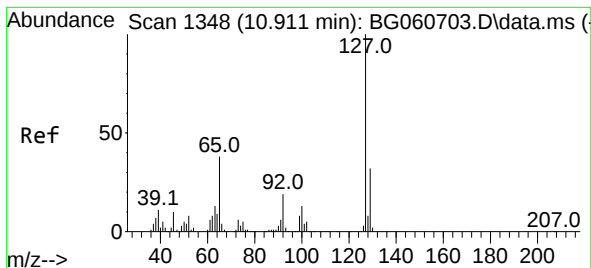
Tgt Ion:128 Resp: 503937
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.8 10.5 15.7



#32
Benzoic acid
Concen: 49.113 ng
RT: 10.068 min Scan# 1205
Delta R.T. 0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:122 Resp: 129849
Ion Ratio Lower Upper
122 100
105 125.7 104.5 144.5
77 97.5 85.3 125.3

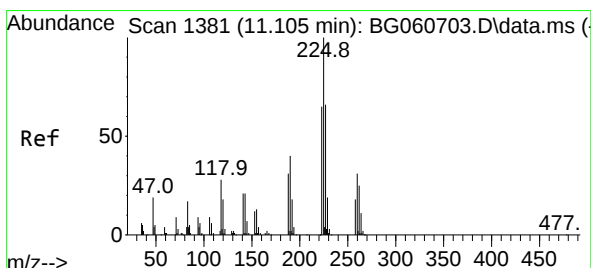
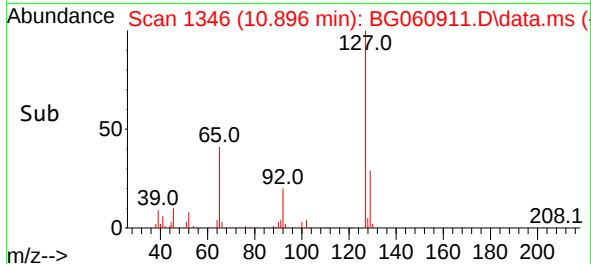
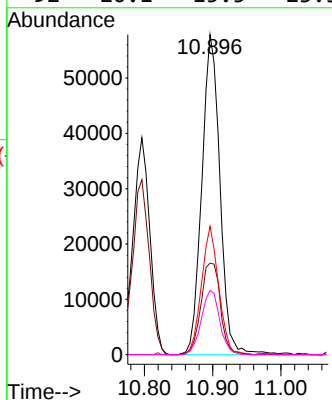
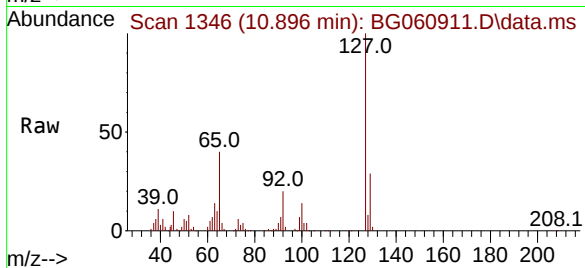




#33
4-Chloroaniline
Concen: 17.444 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

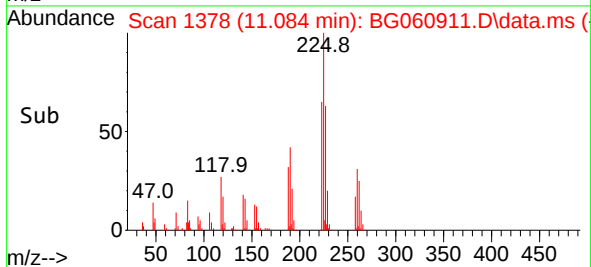
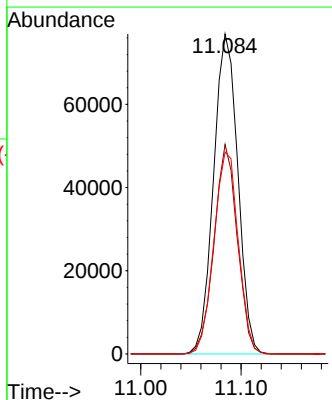
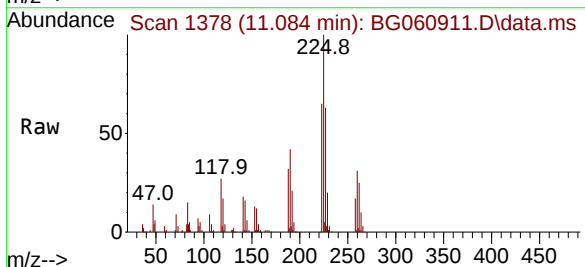
Instrument :
BNA_G
ClientSampleId :
PB160246BS

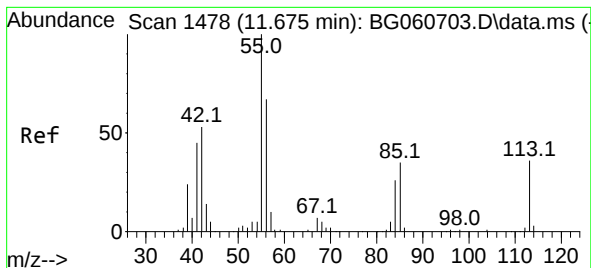
Tgt Ion:	127	Resp:	107010
Ion	Ratio	Lower	Upper
127	100		
129	28.6	25.3	37.9
65	40.1	30.2	45.2
92	20.1	15.5	23.3



#34
Hexachlorobutadiene
Concen: 47.047 ng
RT: 11.084 min Scan# 1378
Delta R.T. -0.021 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:	225	Resp:	129072
Ion	Ratio	Lower	Upper
225	100		
223	65.5	52.0	78.0
227	63.1	52.5	78.7





#35

Caprolactam

Concen: 25.051 ng

RT: 11.677 min Scan# 1478

Delta R.T. 0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

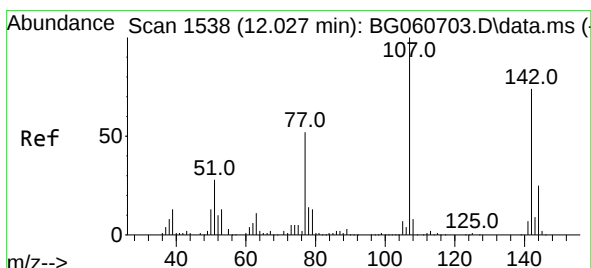
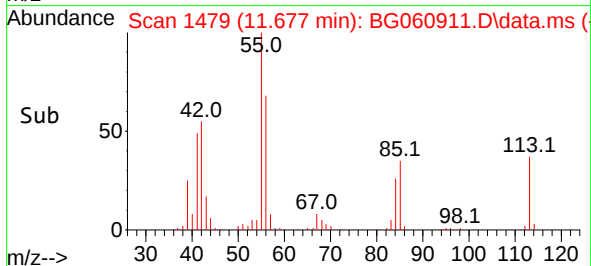
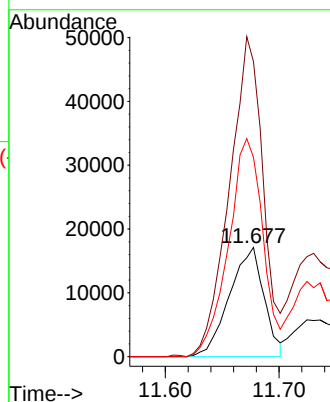
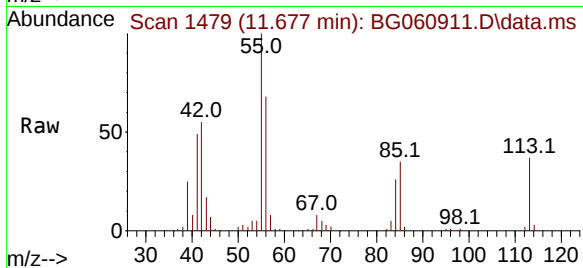
Tgt Ion:113 Resp: 36070

Ion Ratio Lower Upper

113 100

55 270.1 258.0 298.0

56 182.4 166.3 206.3



#36

4-Chloro-3-methylphenol

Concen: 42.474 ng

RT: 12.030 min Scan# 1539

Delta R.T. 0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

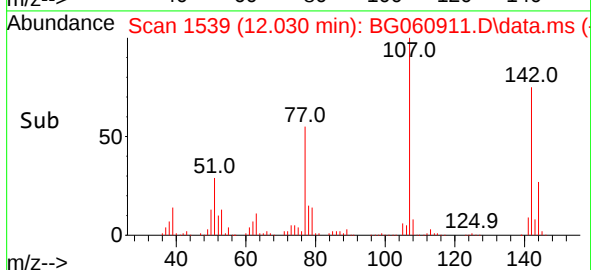
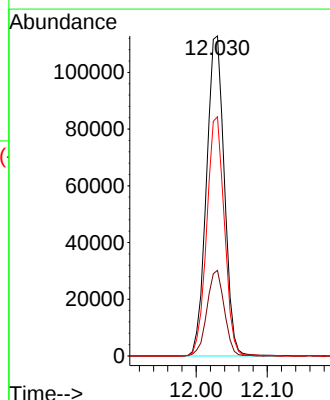
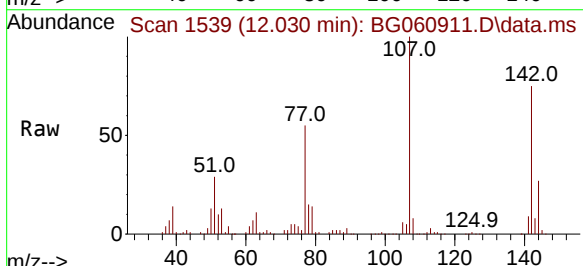
Tgt Ion:107 Resp: 197254

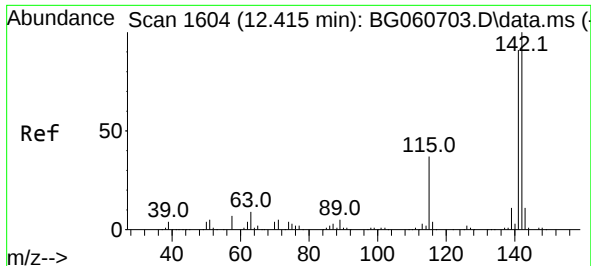
Ion Ratio Lower Upper

107 100

144 26.7 20.0 30.0

142 74.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.000 ng

RT: 12.400 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

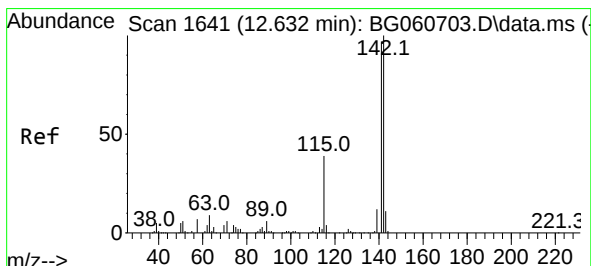
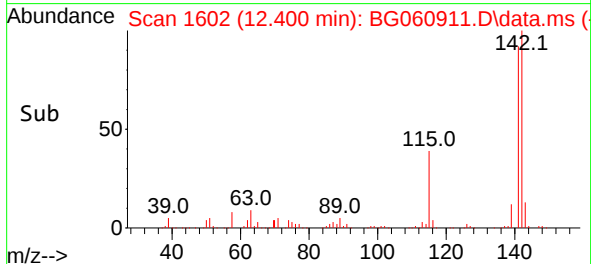
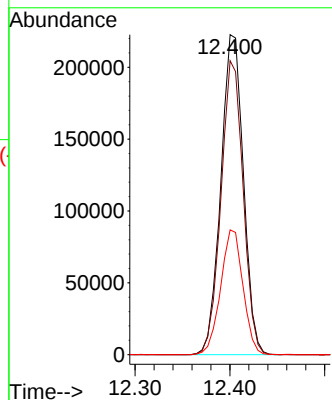
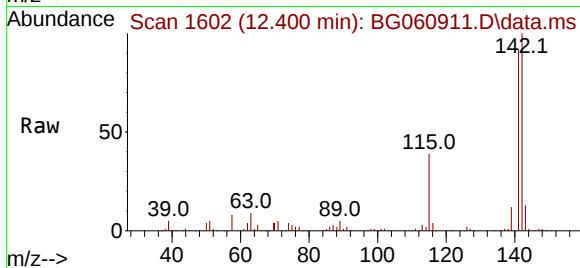
Tgt Ion:142 Resp: 368981

Ion Ratio Lower Upper

142 100

141 91.9 72.7 109.1

115 39.0 29.9 44.9



#38

1-Methylnaphthalene

Concen: 37.113 ng

RT: 12.623 min Scan# 1640

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

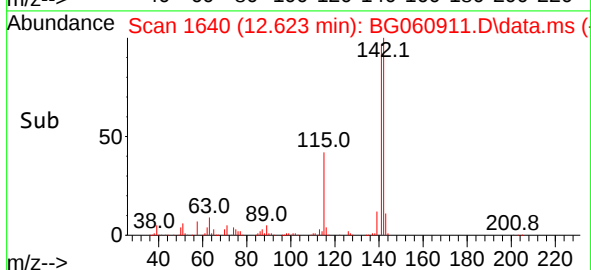
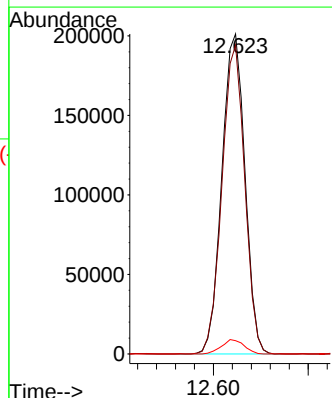
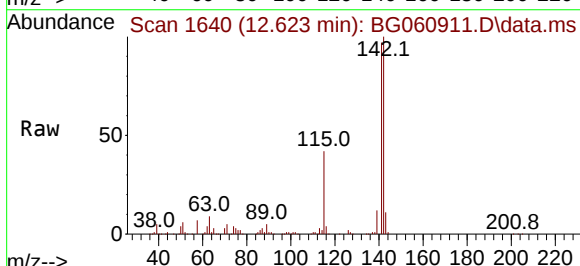
Tgt Ion:142 Resp: 340441

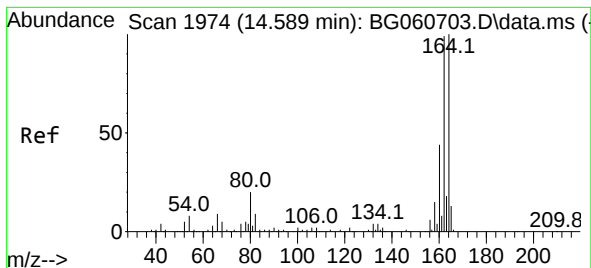
Ion Ratio Lower Upper

142 100

141 96.5 77.7 116.5

116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

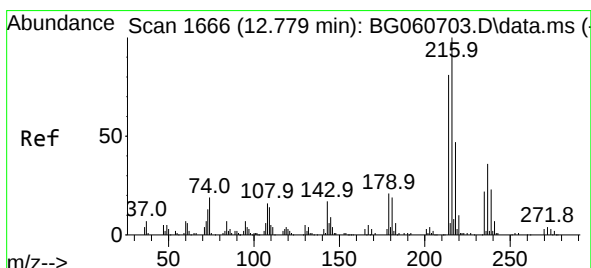
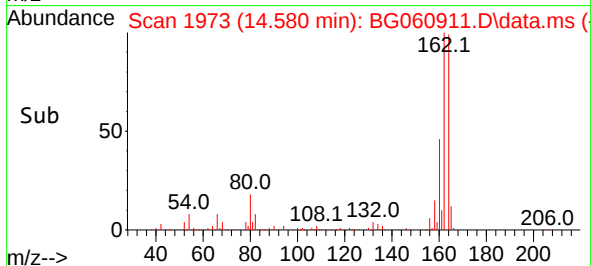
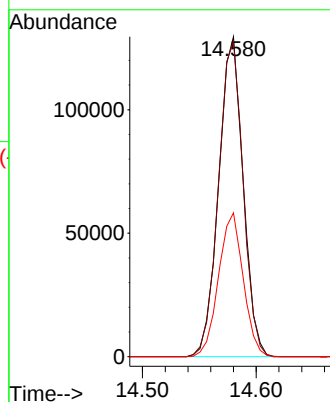
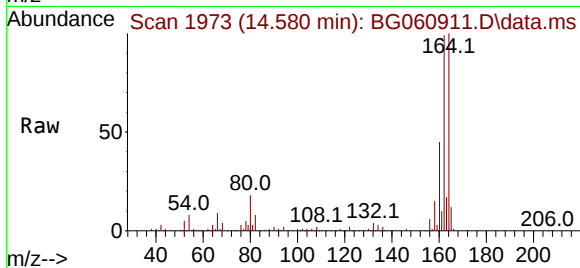
Tgt Ion:164 Resp: 192896

Ion Ratio Lower Upper

164 100

162 98.6 79.5 119.3

160 44.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.291 ng

RT: 12.770 min Scan# 1665

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:216 Resp: 245617

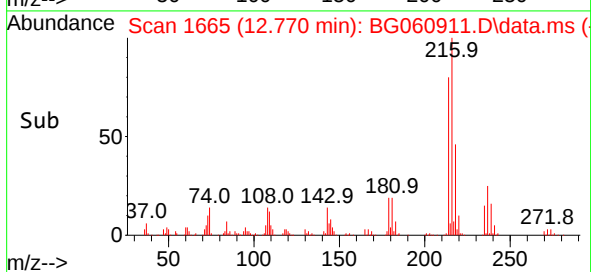
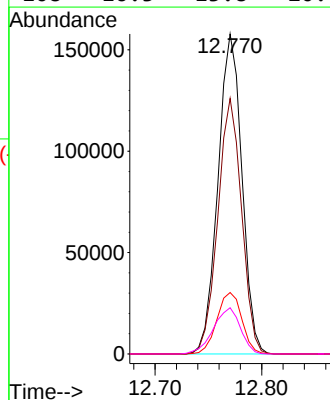
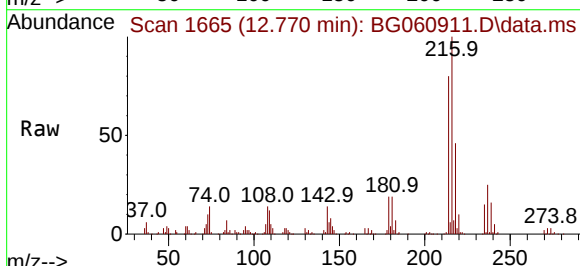
Ion Ratio Lower Upper

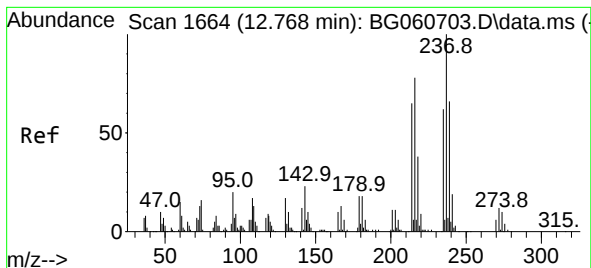
216 100

214 79.2 63.1 94.7

179 20.0 16.7 25.1

108 16.3 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 89.701 ng

RT: 12.753 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

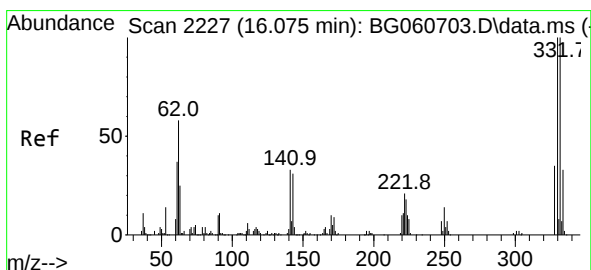
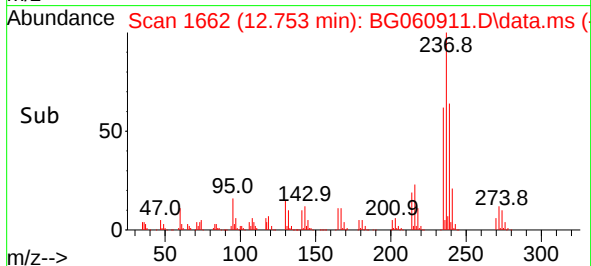
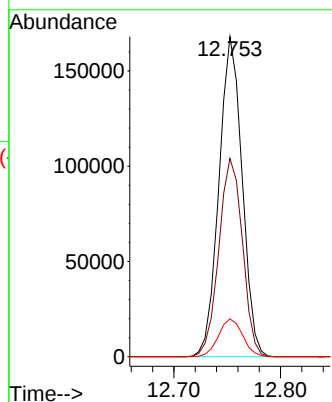
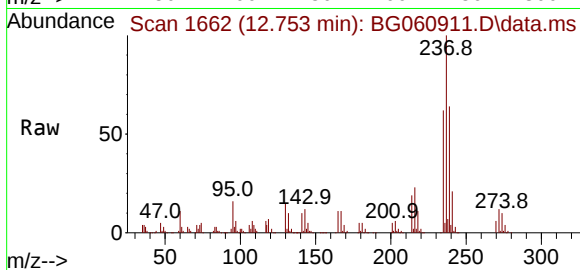
Tgt Ion:237 Resp: 252937

Ion Ratio Lower Upper

237 100

235 62.0 42.0 82.0

272 11.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 163.998 ng

RT: 16.072 min Scan# 2227

Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

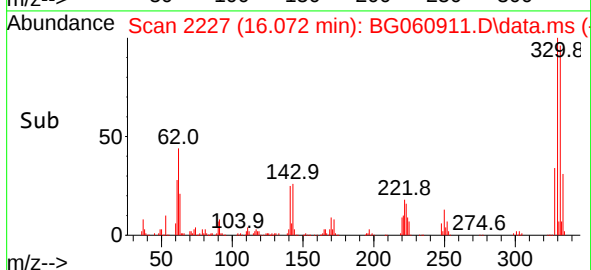
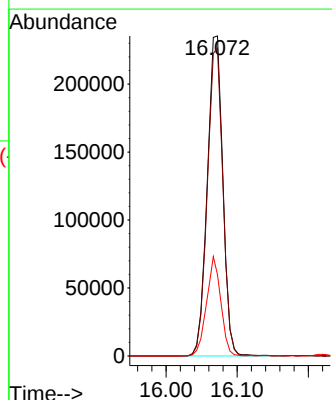
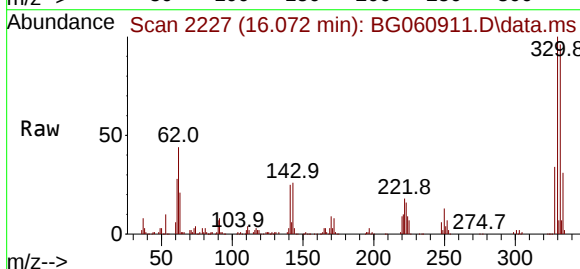
Tgt Ion:330 Resp: 359103

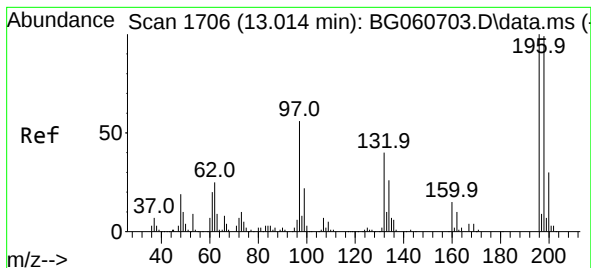
Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.4

141 28.4 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 48.238 ng

RT: 13.011 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

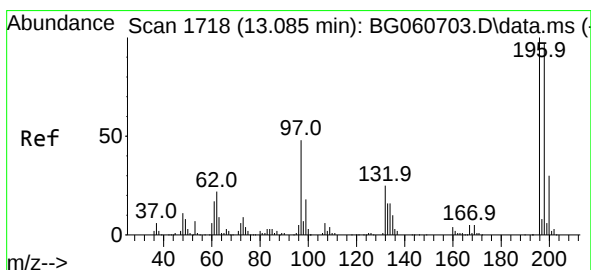
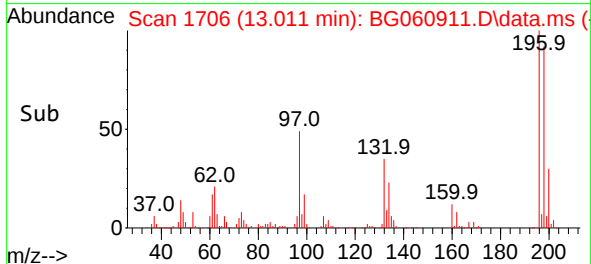
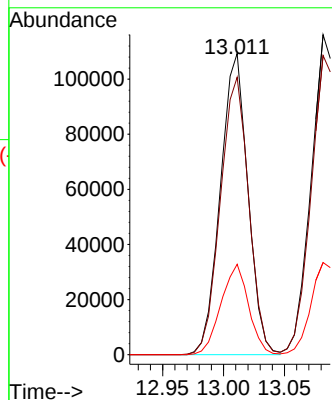
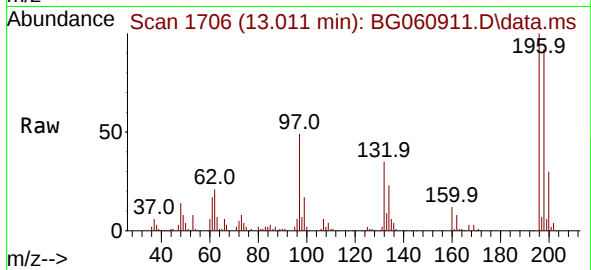
Tgt Ion:196 Resp: 172249

Ion Ratio Lower Upper

196 100

198 92.1 79.1 118.7

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 44.279 ng

RT: 13.082 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:196 Resp: 188691

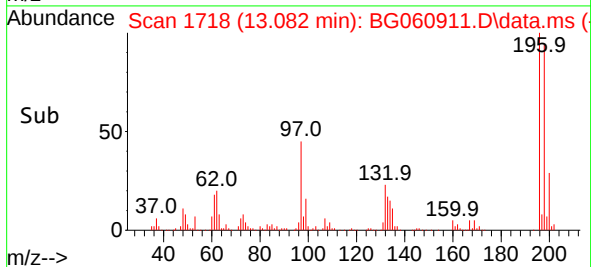
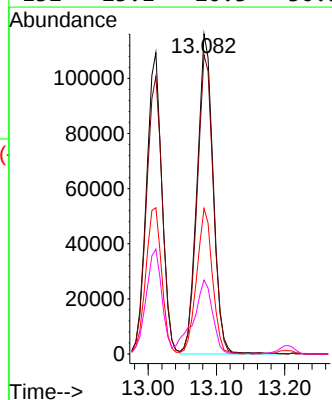
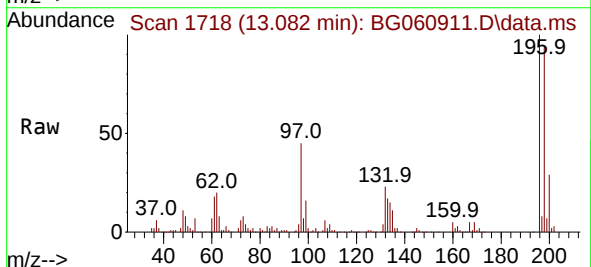
Ion Ratio Lower Upper

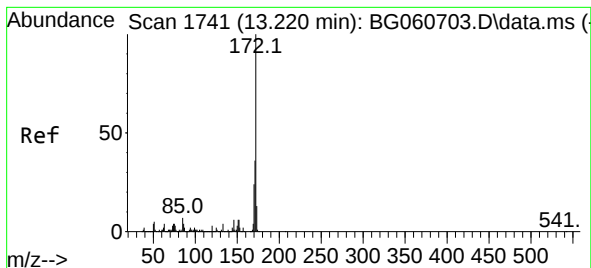
196 100

198 93.5 77.8 116.8

97 45.5 38.2 57.4

132 23.1 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 76.161 ng

RT: 13.205 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

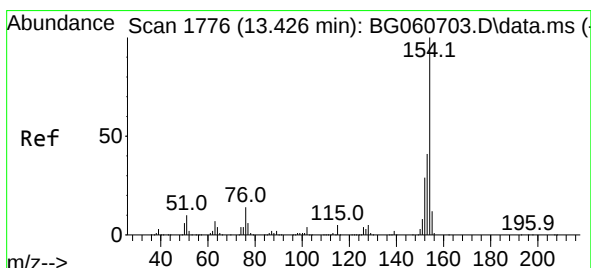
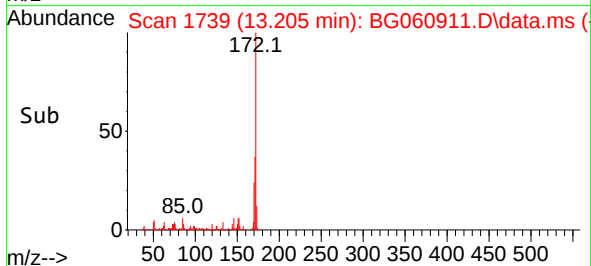
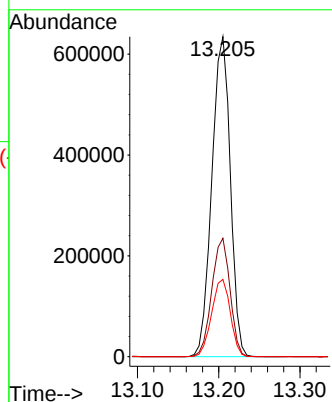
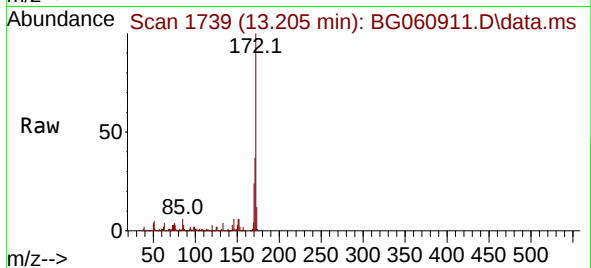
Tgt Ion:172 Resp: 1001017

Ion Ratio Lower Upper

172 100

171 37.0 28.7 43.1

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.483 ng

RT: 13.411 min Scan# 1774

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

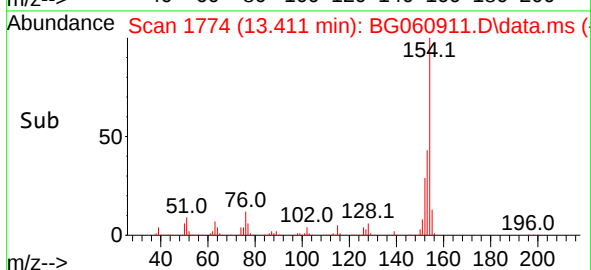
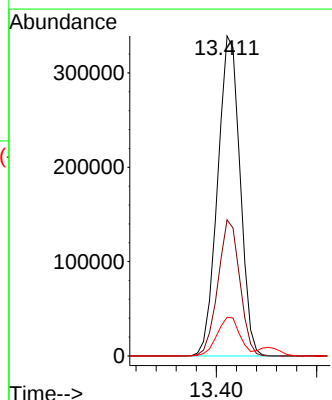
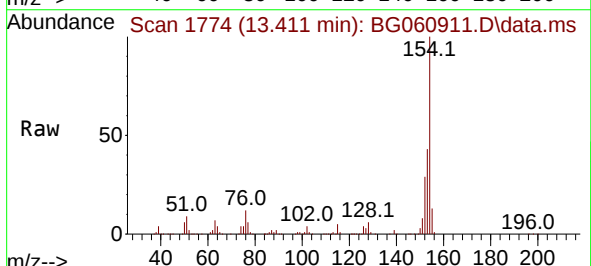
Tgt Ion:154 Resp: 524328

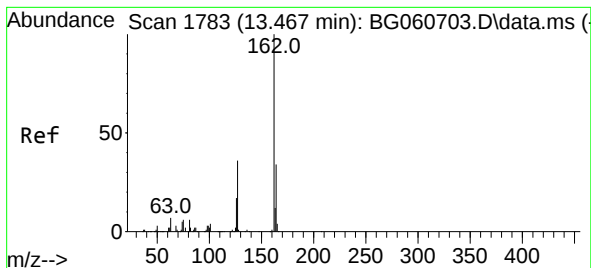
Ion Ratio Lower Upper

154 100

153 42.5 20.8 60.8

76 12.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.728 ng

RT: 13.452 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

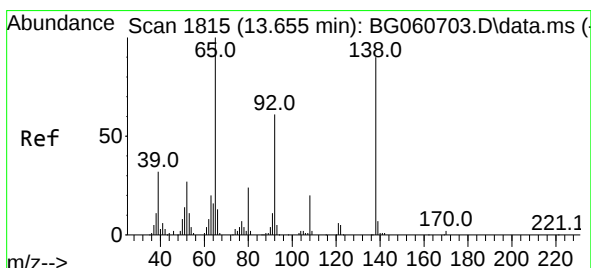
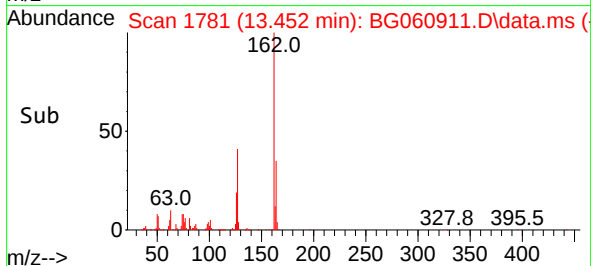
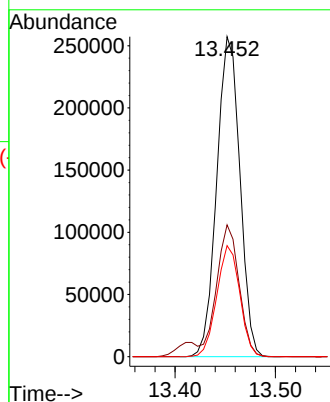
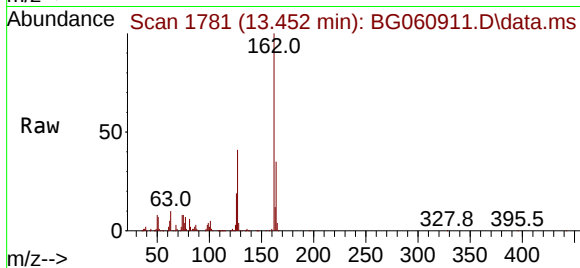
Tgt Ion:162 Resp: 411261

Ion Ratio Lower Upper

162 100

127 41.2 30.6 46.0

164 34.7 26.9 40.3



#48

2-Nitroaniline

Concen: 46.233 ng

RT: 13.652 min Scan# 1815

Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

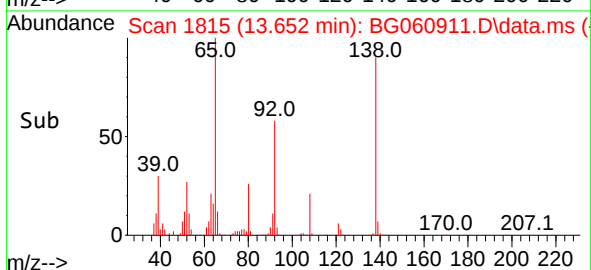
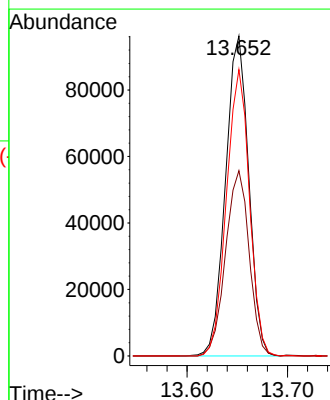
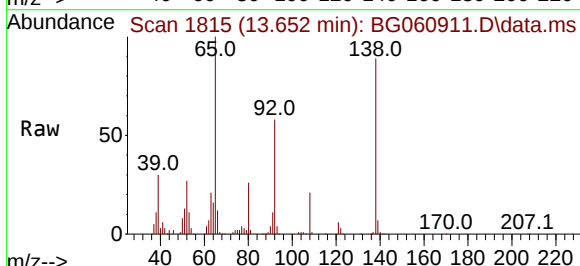
Tgt Ion: 65 Resp: 154135

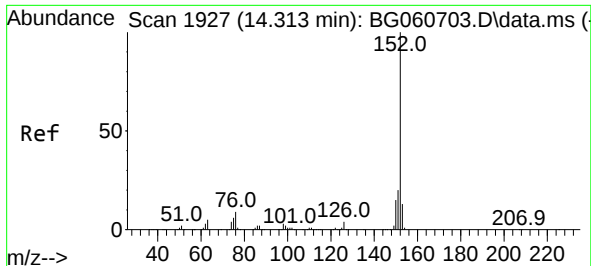
Ion Ratio Lower Upper

65 100

92 57.9 48.6 72.8

138 89.5 72.2 108.4

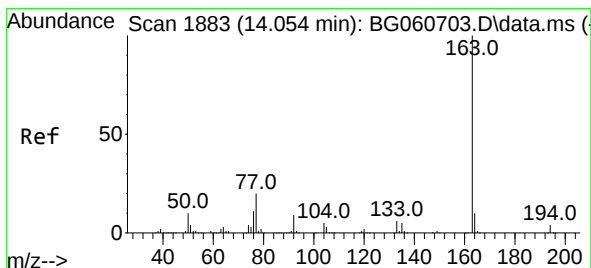
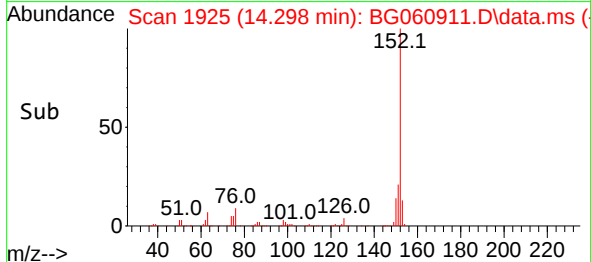
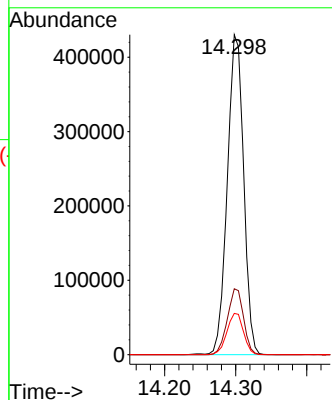
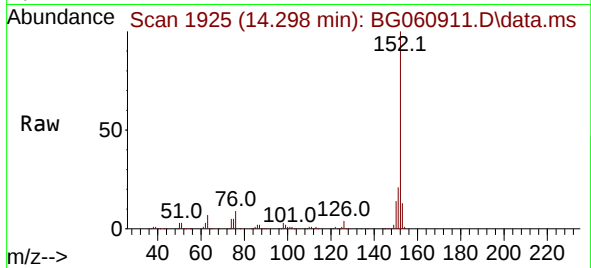




#49
Acenaphthylene
Concen: 39.406 ng
RT: 14.298 min Scan# 1925
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

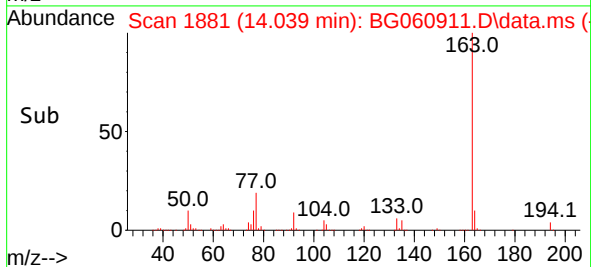
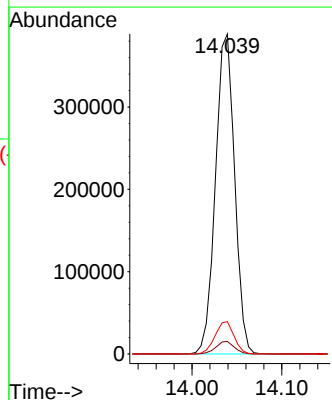
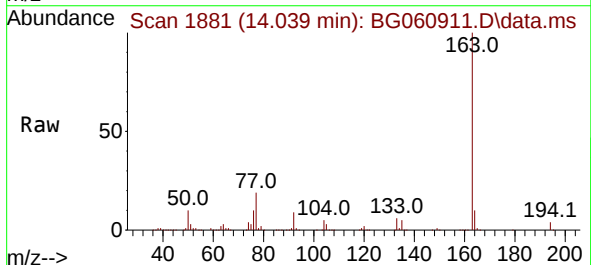
Instrument :
BNA_G
ClientSampleId :
PB160246BS

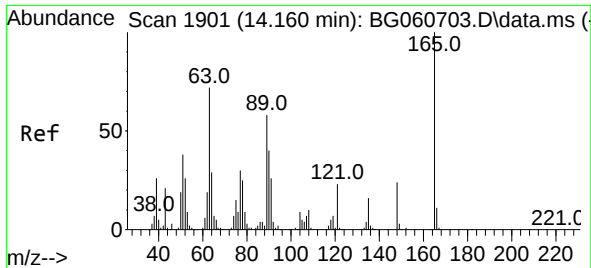
Tgt Ion:152 Resp: 685419
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 37.708 ng
RT: 14.039 min Scan# 1881
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:163 Resp: 574918
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 7.9 11.9

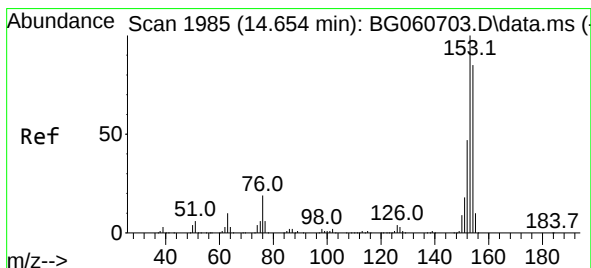
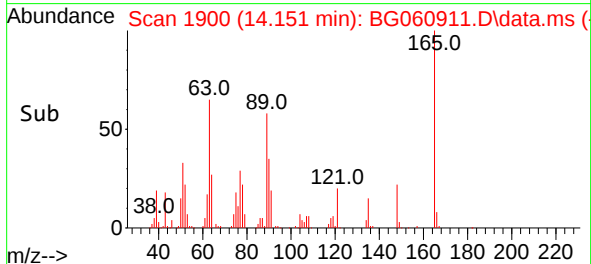
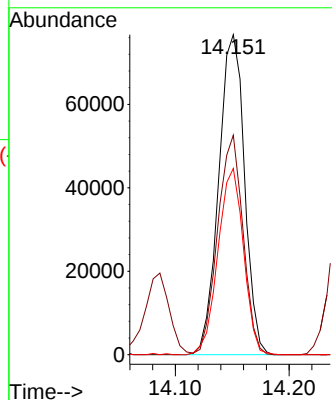
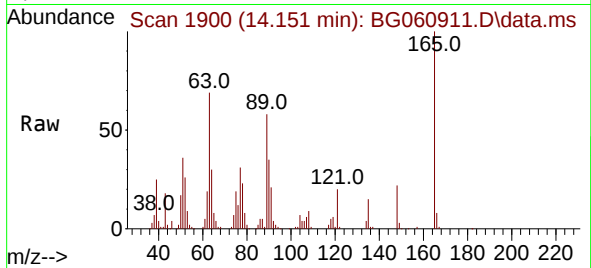




#51
2,6-Dinitrotoluene
Concen: 44.589 ng
RT: 14.151 min Scan# 1900
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

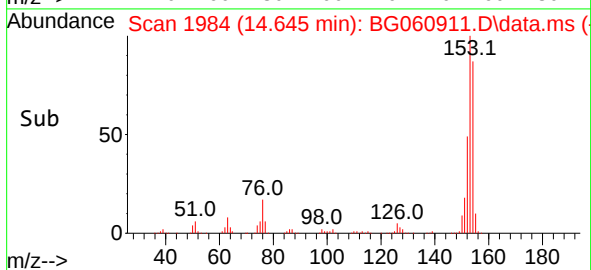
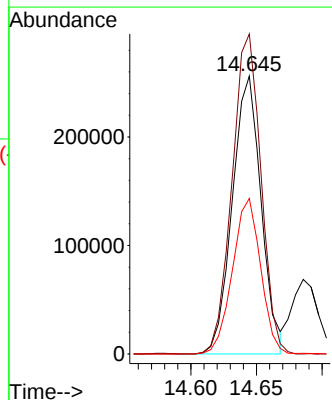
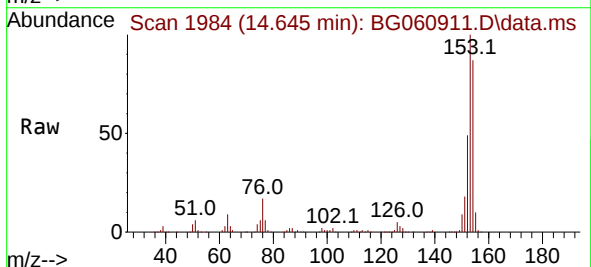
Instrument :
BNA_G
ClientSampleId :
PB160246BS

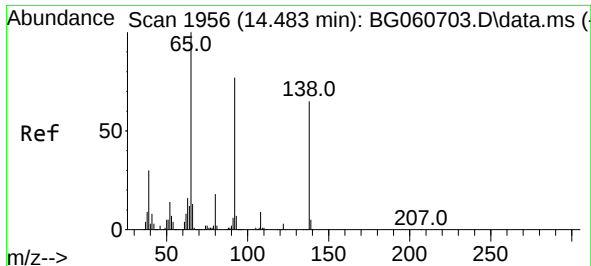
Tgt Ion:165 Resp: 120991
Ion Ratio Lower Upper
165 100
63 68.6 58.2 87.4
89 58.2 46.1 69.1



#52
Acenaphthene
Concen: 35.811 ng
RT: 14.645 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:154 Resp: 391081
Ion Ratio Lower Upper
154 100
153 115.2 93.9 140.9
152 56.0 44.1 66.1

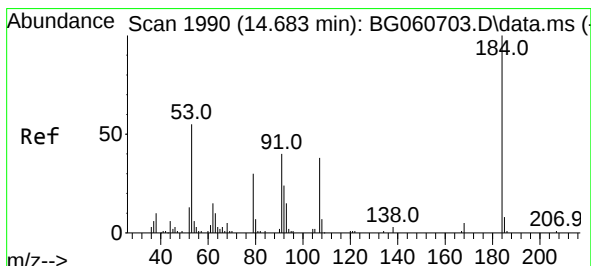
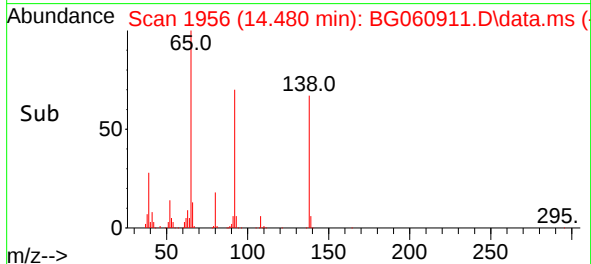
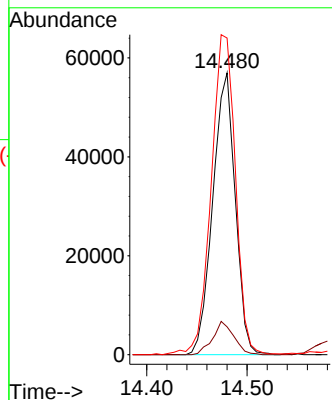
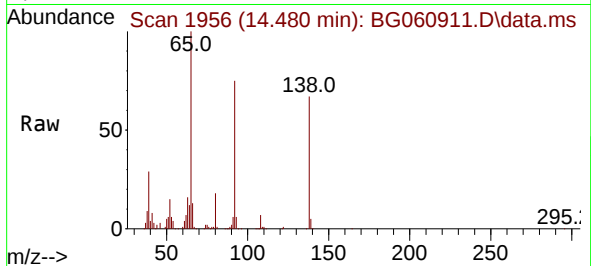




#53
3-Nitroaniline
Concen: 30.742 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

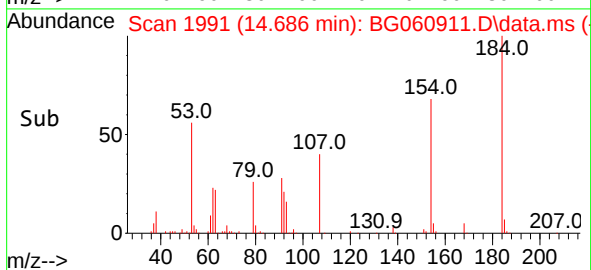
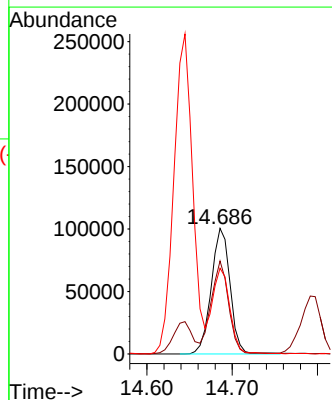
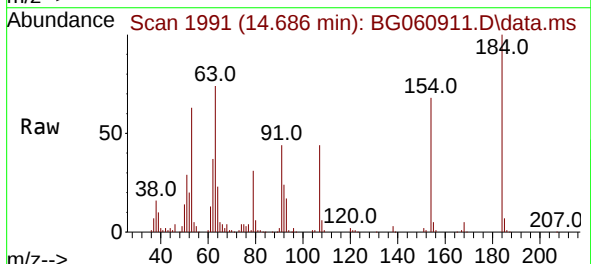
Instrument :
BNA_G
ClientSampleId :
PB160246BS

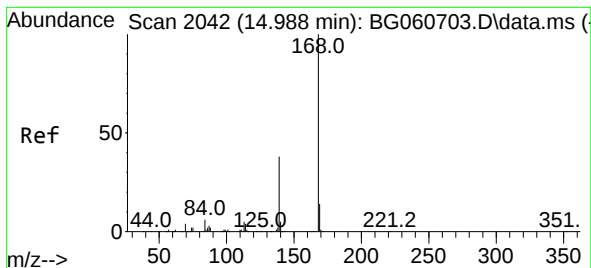
Tgt Ion:138 Resp: 88798
Ion Ratio Lower Upper
138 100
108 9.9 11.3 16.9#
92 112.4 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 145.096 ng
RT: 14.686 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:184 Resp: 153984
Ion Ratio Lower Upper
184 100
63 74.0 51.3 76.9
154 68.3 59.9 89.9





#55

Dibenzofuran

Concen: 38.045 ng

RT: 14.979 min Scan# 20

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

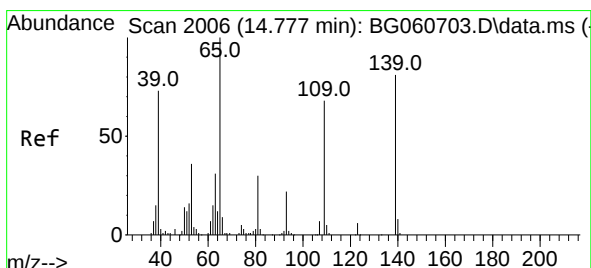
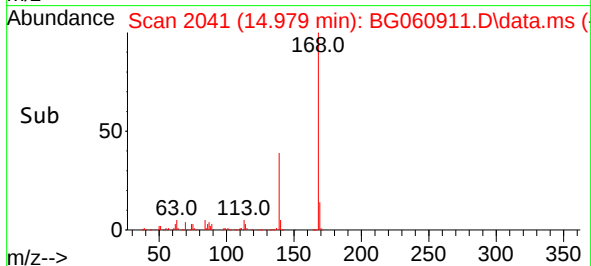
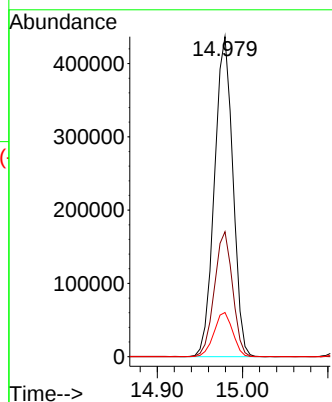
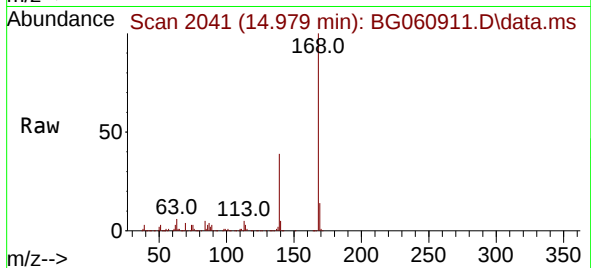
Tgt Ion:168 Resp: 655357

Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

169 13.8 11.0 16.4



#56

4-Nitrophenol

Concen: 93.529 ng

RT: 14.797 min Scan# 2010

Delta R.T. 0.020 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

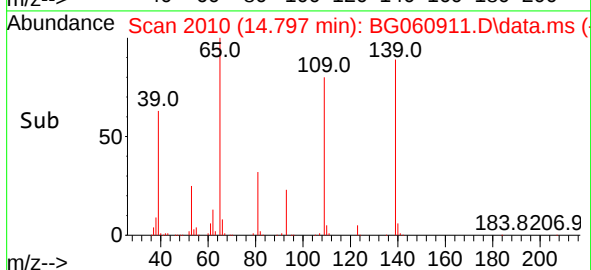
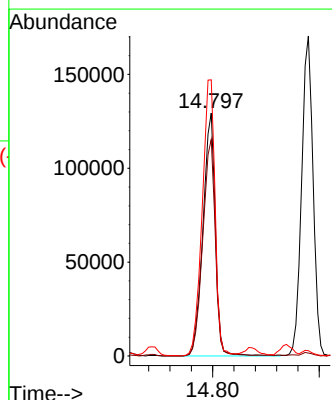
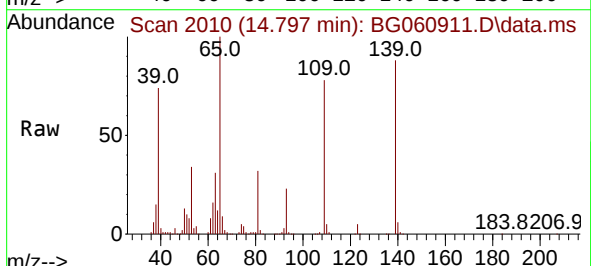
Tgt Ion:139 Resp: 208466

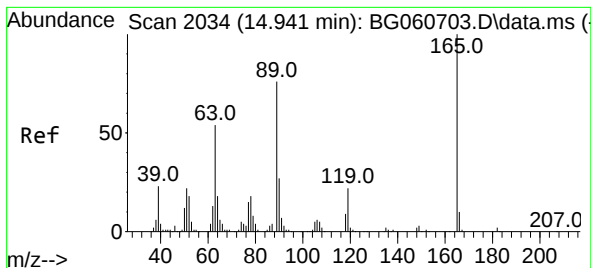
Ion Ratio Lower Upper

139 100

109 89.1 64.0 104.0

65 113.7 104.3 144.3

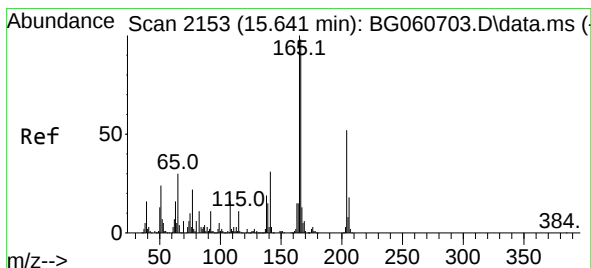
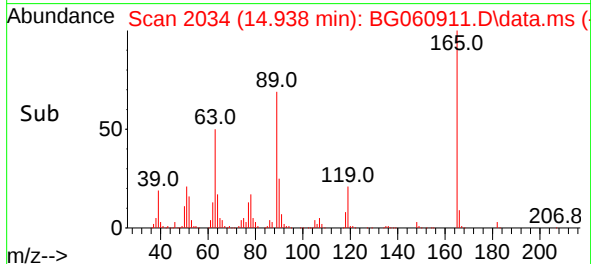
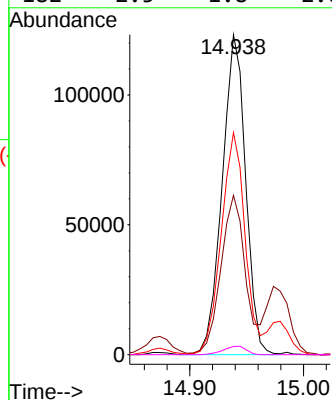
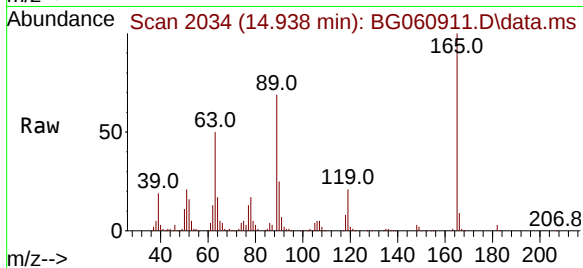




#57
2,4-Dinitrotoluene
Concen: 49.546 ng
RT: 14.938 min Scan# 2034
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

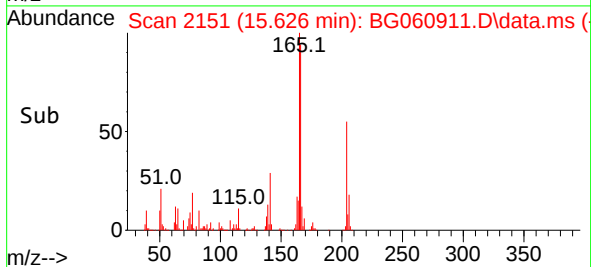
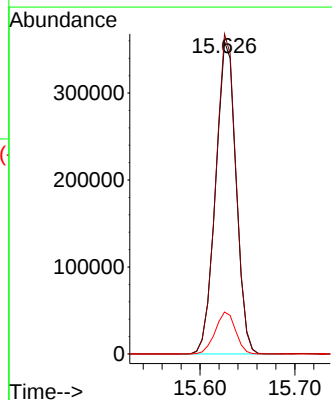
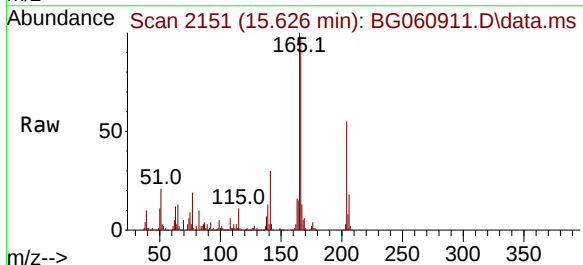
Instrument :
BNA_G
ClientSampleId :
PB160246BS

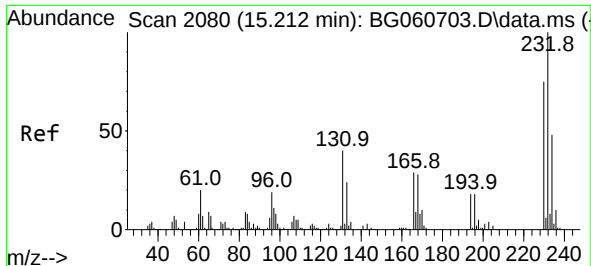
Tgt Ion:165 Resp: 176550
Ion Ratio Lower Upper
165 100
63 49.8 43.4 65.0
89 69.4 61.0 91.6
182 2.5 1.8 2.6



#58
Fluorene
Concen: 38.862 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:166 Resp: 537268
Ion Ratio Lower Upper
166 100
165 102.4 81.8 122.8
167 13.4 10.9 16.3

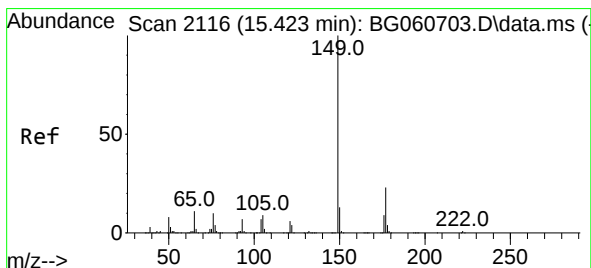
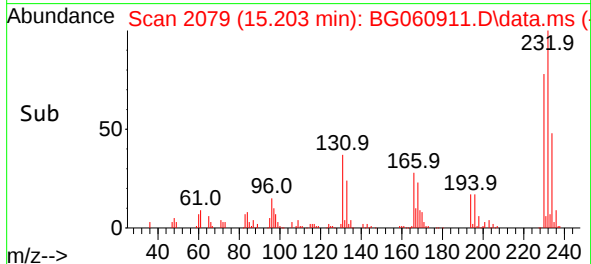
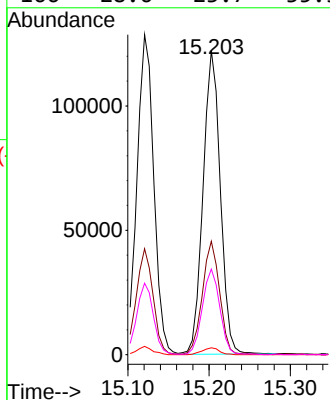
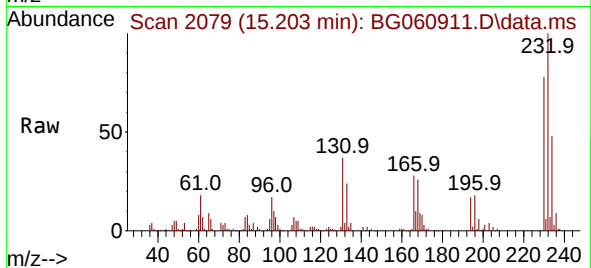




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.497 ng
RT: 15.203 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

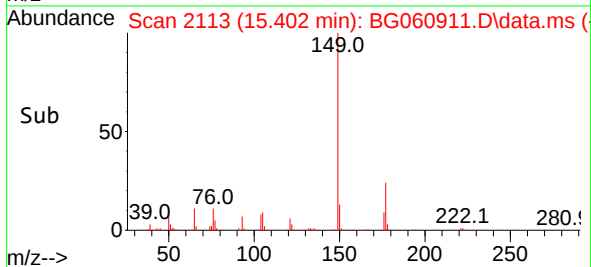
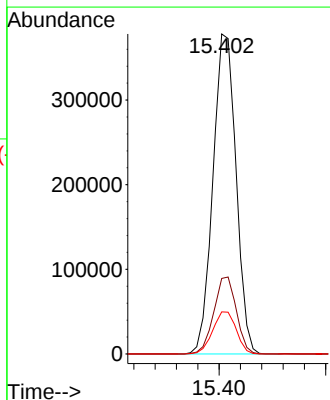
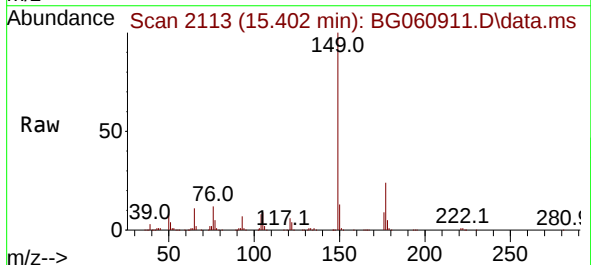
Instrument :
BNA_G
ClientSampleId :
PB160246BS

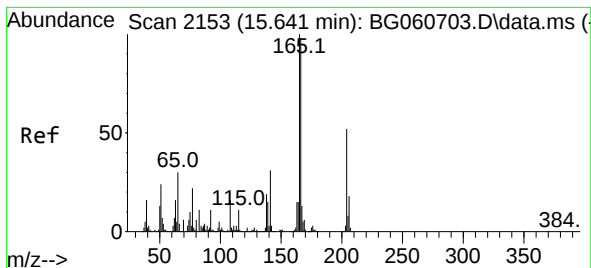
Tgt Ion:232 Resp: 180104
Ion Ratio Lower Upper
232 100
131 37.6 32.2 48.2
130 2.3 2.1 3.1
166 28.6 23.7 35.5



#60
Diethylphthalate
Concen: 36.997 ng
RT: 15.402 min Scan# 2113
Delta R.T. -0.021 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:149 Resp: 567506
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 13.1 10.2 15.4

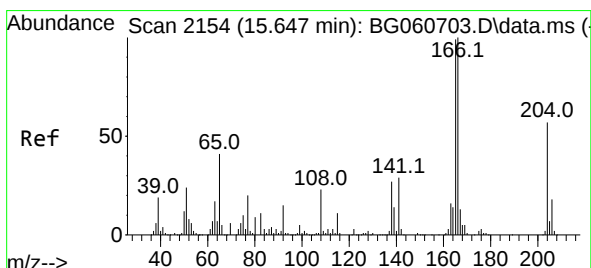
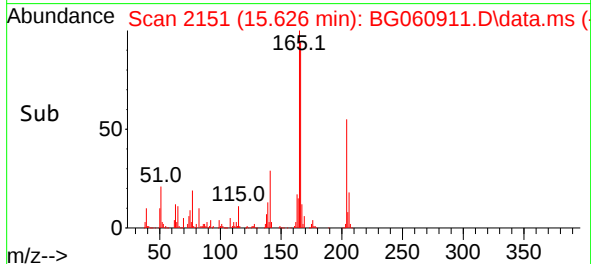
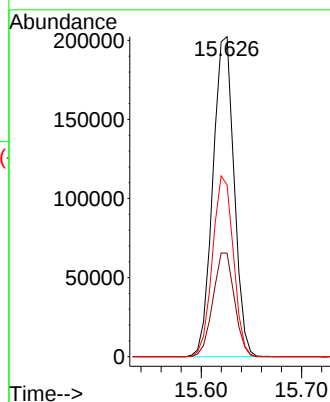
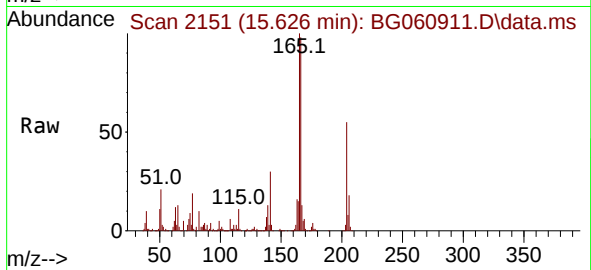




#61
4-Chlorophenyl-phenylether
Concen: 40.631 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

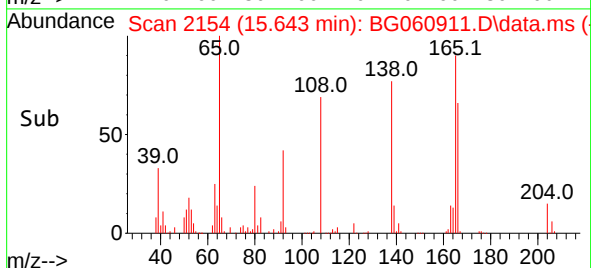
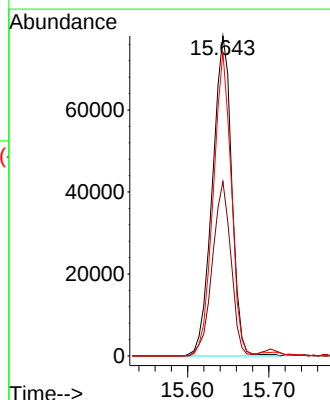
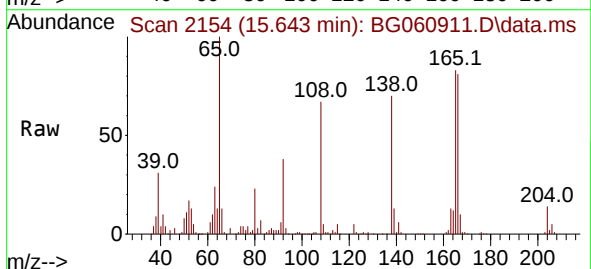
Instrument :
BNA_G
ClientSampleId :
PB160246BS

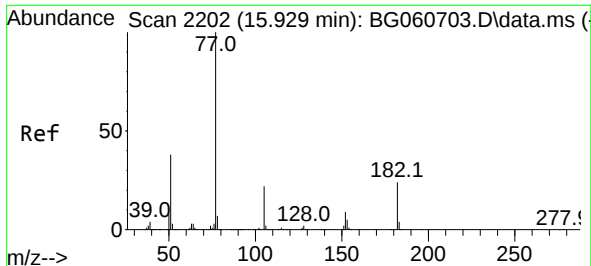
Tgt Ion:204 Resp: 297181
Ion Ratio Lower Upper
204 100
206 32.4 28.3 42.5
141 53.7 47.2 70.8



#62
4-Nitroaniline
Concen: 46.364 ng
RT: 15.643 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:138 Resp: 129242
Ion Ratio Lower Upper
138 100
92 54.5 36.8 76.8
108 95.0 66.9 106.9

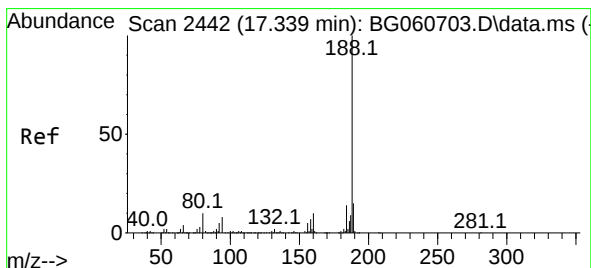
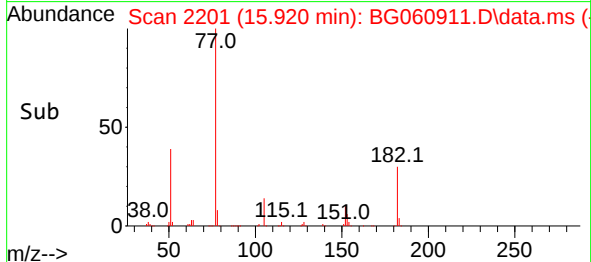
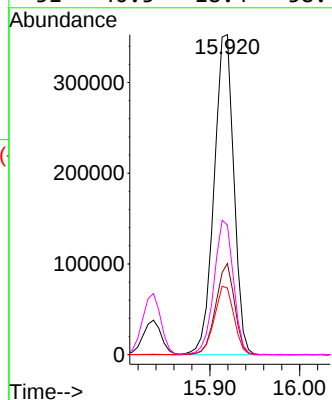
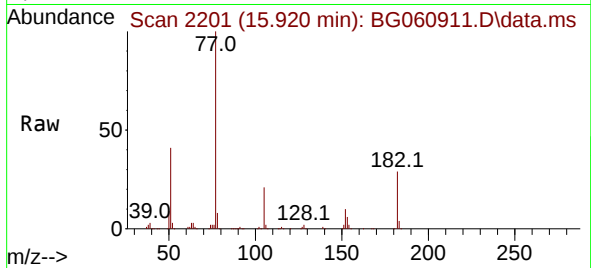




#63
Azobenzene
Concen: 36.011 ng
RT: 15.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

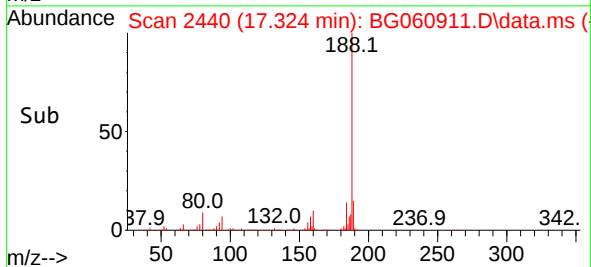
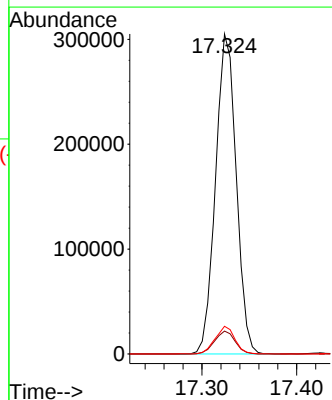
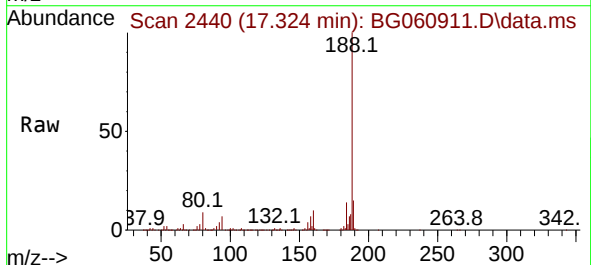
Instrument :
BNA_G
ClientSampleId :
PB160246BS

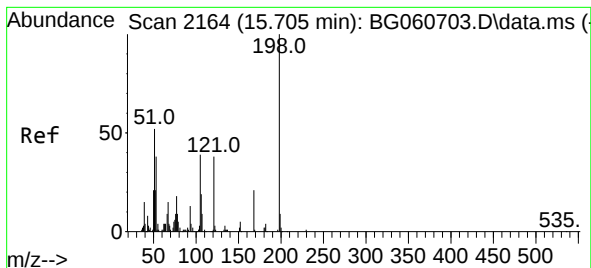
Tgt Ion: 77	Resp: 538263
Ion Ratio	Lower Upper
77 100	
182 28.5	3.9 43.9
105 20.9	1.7 41.7
51 40.5	18.4 58.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:188	Resp: 462252		
Ion Ratio	Lower	Upper	
188 100			
94 7.2	6.6	9.8	
80 8.6	7.6	11.4	

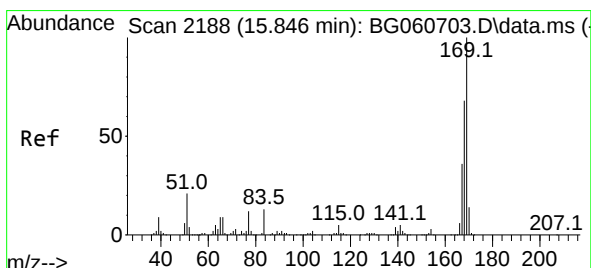
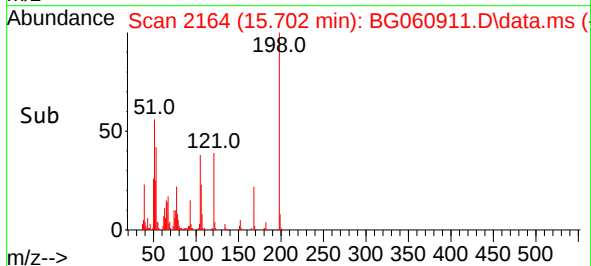
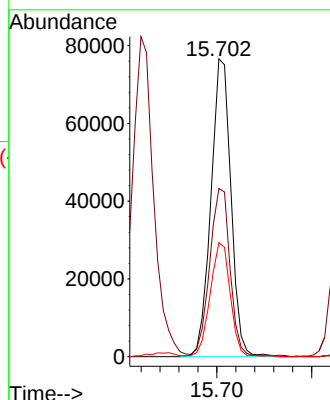
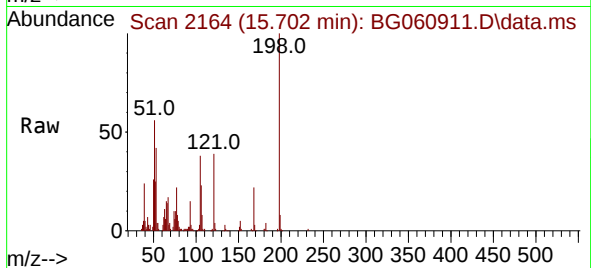




#65
4,6-Dinitro-2-methylphenol
Concen: 57.177 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

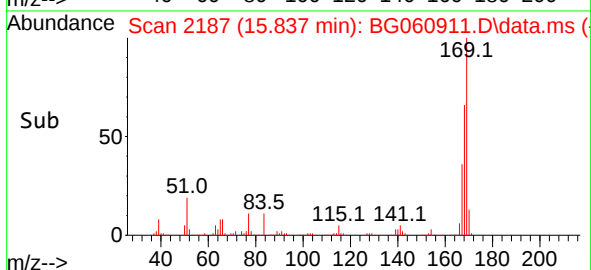
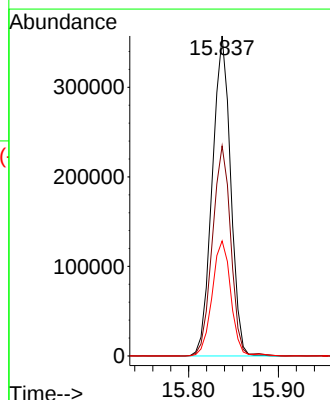
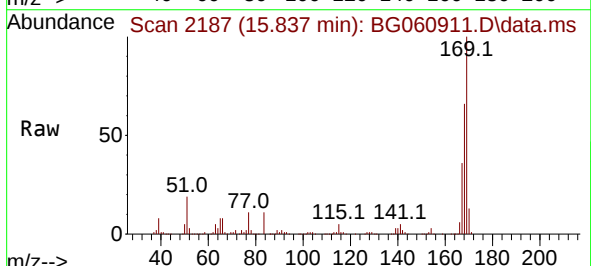
Instrument :
BNA_G
ClientSampleId :
PB160246BS

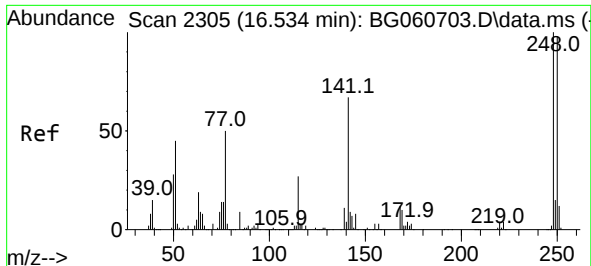
Tgt Ion:198 Resp: 112079
Ion Ratio Lower Upper
198 100
51 56.5 36.7 76.7
105 38.3 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 38.328 ng
RT: 15.837 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:169 Resp: 506288
Ion Ratio Lower Upper
169 100
168 65.6 54.5 81.7
167 36.0 29.2 43.8

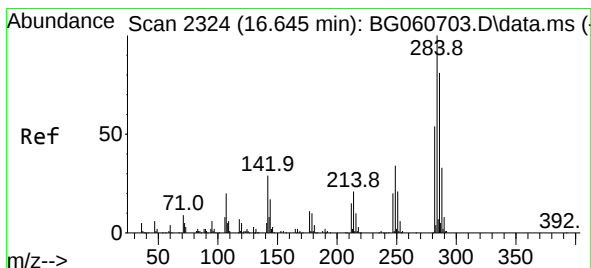
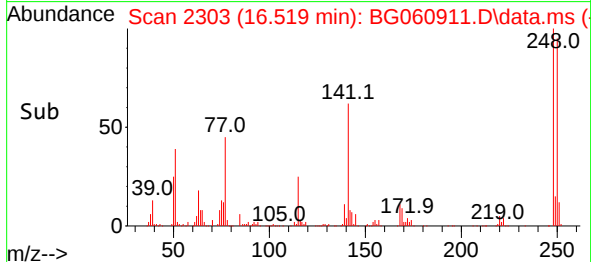
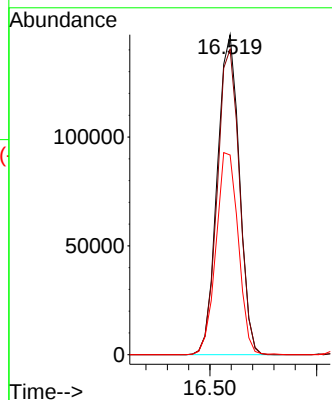
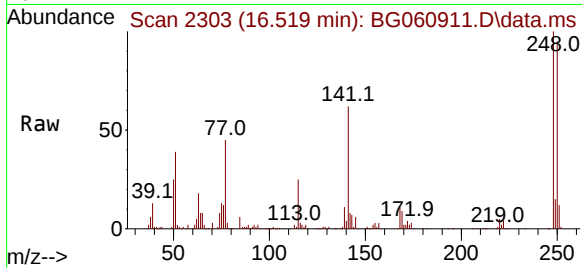




#67
4-Bromophenyl-phenylether
Concen: 44.910 ng
RT: 16.519 min Scan# 2106
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

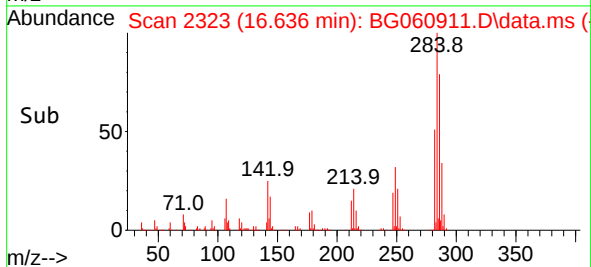
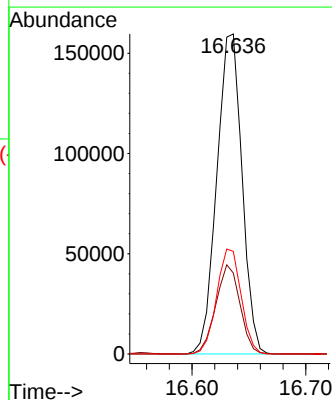
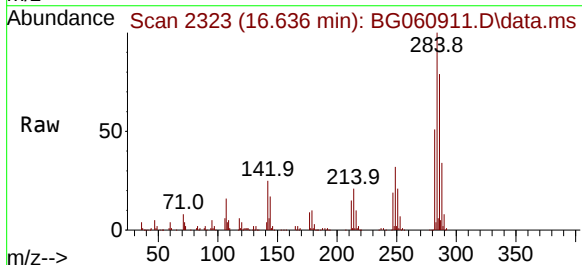
Instrument :
BNA_G
ClientSampleId :
PB160246BS

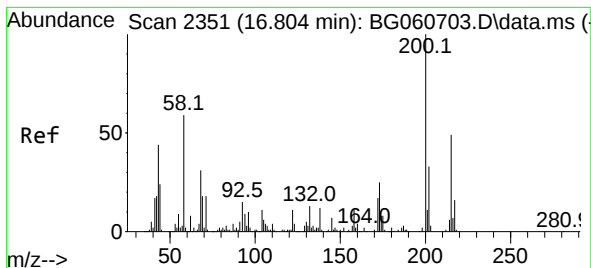
Tgt Ion:248 Resp: 210682
Ion Ratio Lower Upper
248 100
250 95.5 78.3 117.5
141 62.4 53.7 80.5



#68
Hexachlorobenzene
Concen: 46.417 ng
RT: 16.636 min Scan# 2323
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:284 Resp: 245814
Ion Ratio Lower Upper
284 100
142 25.3 22.9 34.3
249 32.0 27.1 40.7





#69

Atrazine

Concen: 42.439 ng

RT: 16.789 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

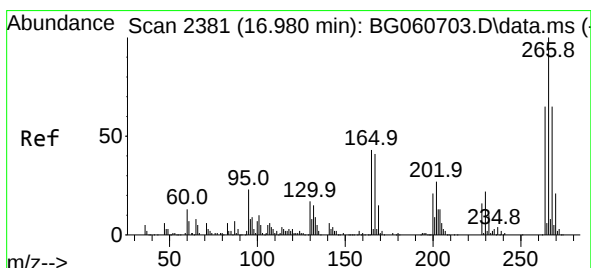
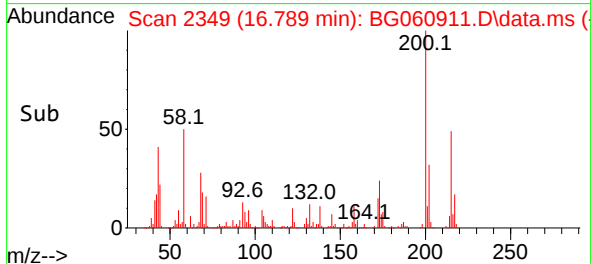
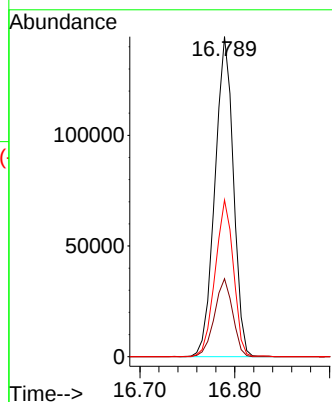
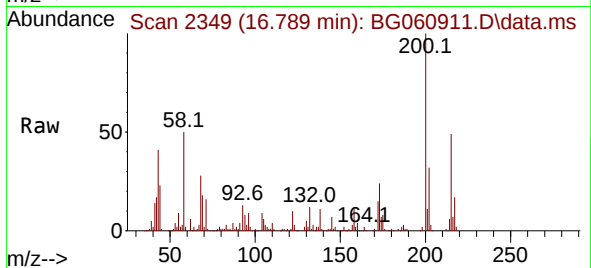
Tgt Ion:200 Resp: 196037

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

215 49.0 28.8 68.8



#70

Pentachlorophenol

Concen: 92.864 ng

RT: 16.977 min Scan# 2381

Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

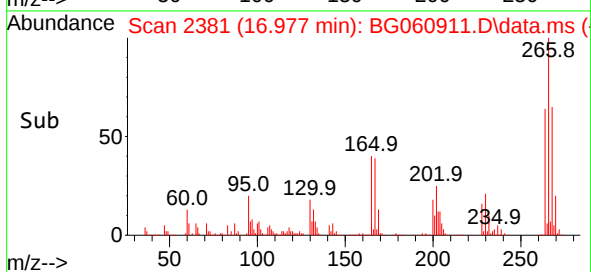
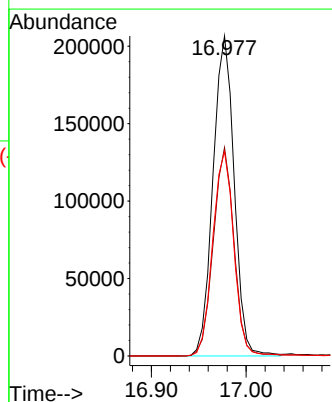
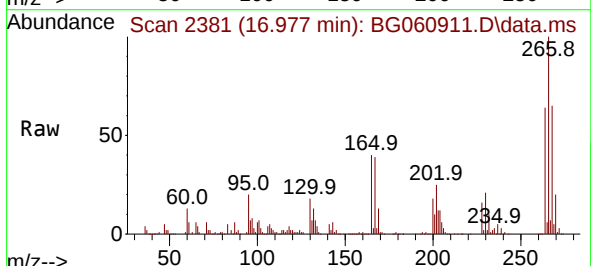
Tgt Ion:266 Resp: 320894

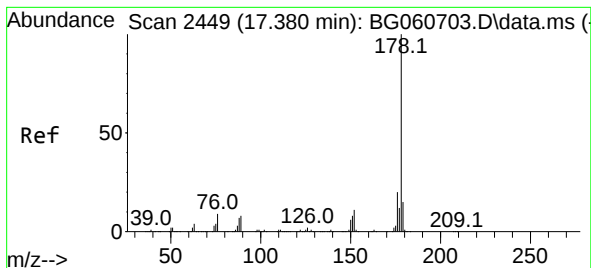
Ion Ratio Lower Upper

266 100

268 65.1 52.2 78.4

264 63.9 51.8 77.6





#71

Phenanthrene

Concen: 38.537 ng

RT: 17.371 min Scan# 2448

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

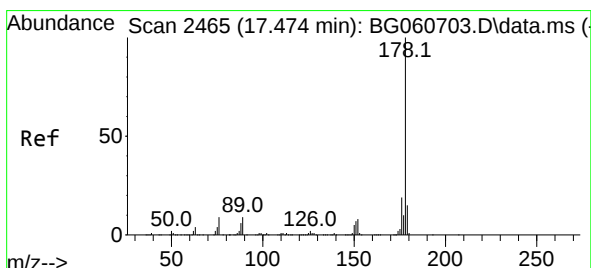
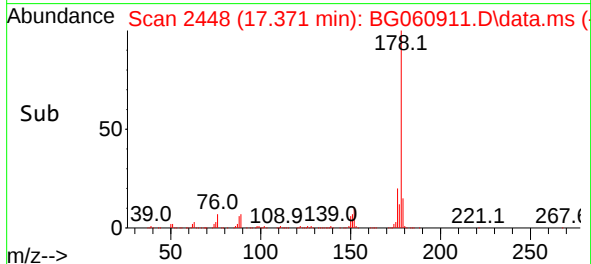
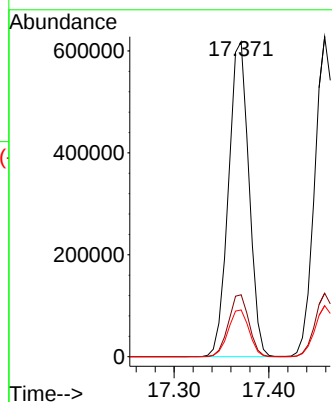
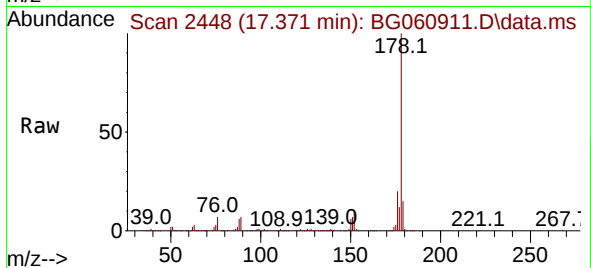
Tgt Ion:178 Resp: 926458

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 14.8 12.2 18.4



#72

Anthracene

Concen: 38.246 ng

RT: 17.459 min Scan# 2463

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

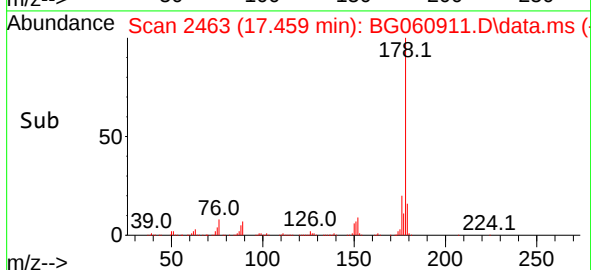
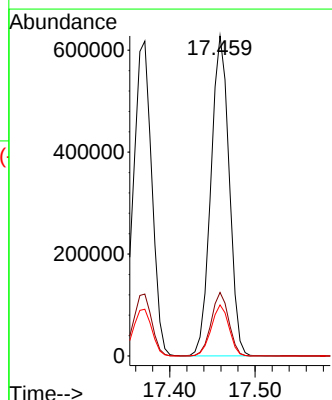
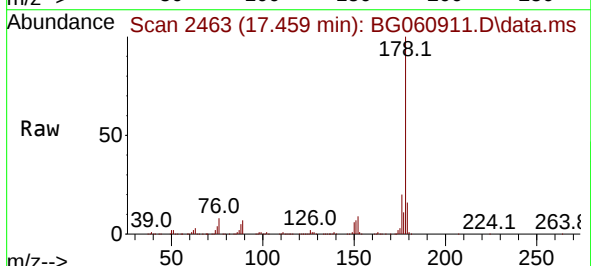
Tgt Ion:178 Resp: 933765

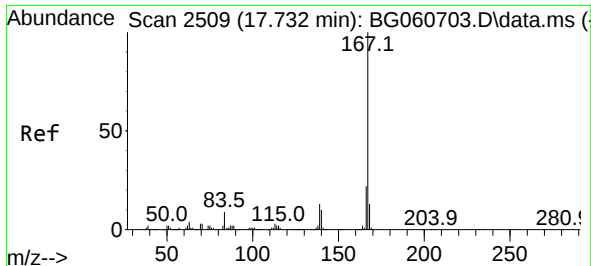
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 16.0 12.2 18.2

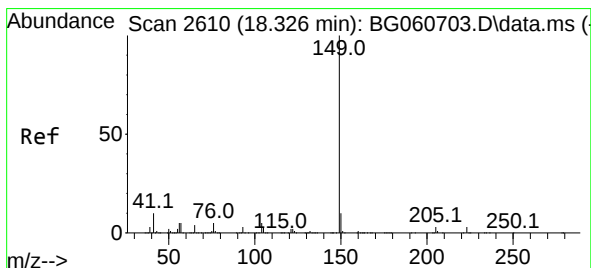
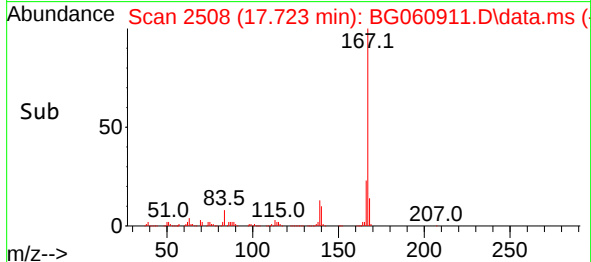
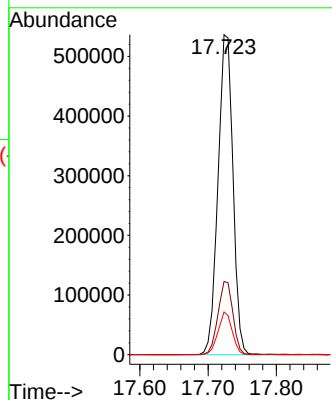
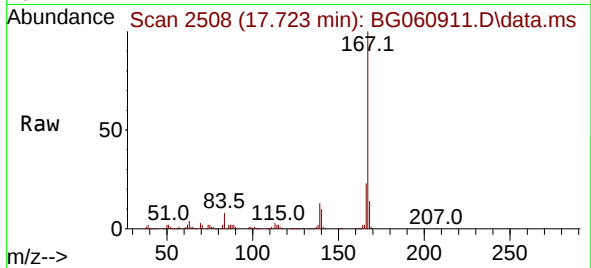




#73
Carbazole
Concen: 38.063 ng
RT: 17.723 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

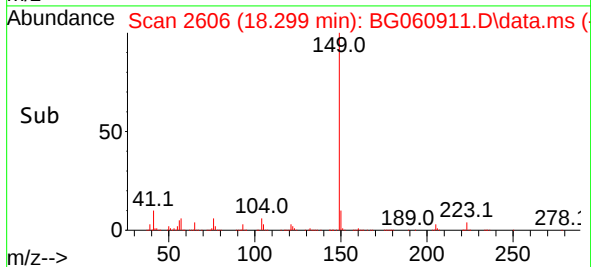
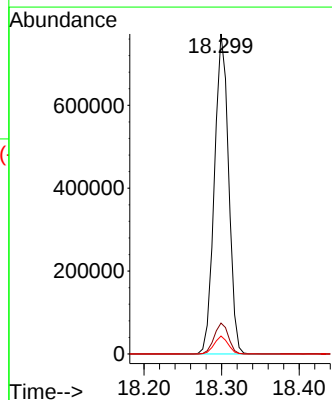
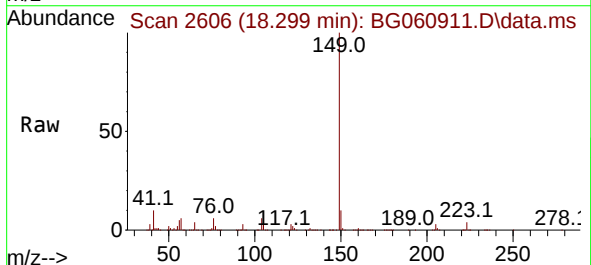
Instrument :
BNA_G
ClientSampleId :
PB160246BS

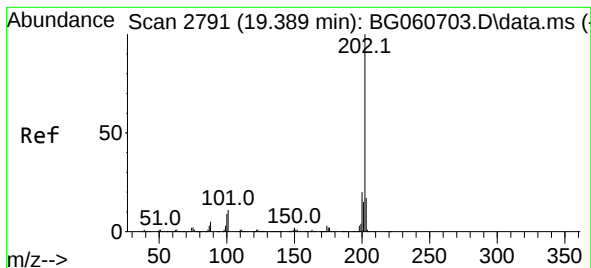
Tgt Ion:167 Resp: 819362
Ion Ratio Lower Upper
167 100
166 22.9 18.0 27.0
139 13.4 10.5 15.7



#74
Di-n-butylphthalate
Concen: 36.623 ng
RT: 18.299 min Scan# 2606
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:149 Resp: 982854
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 38.369 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

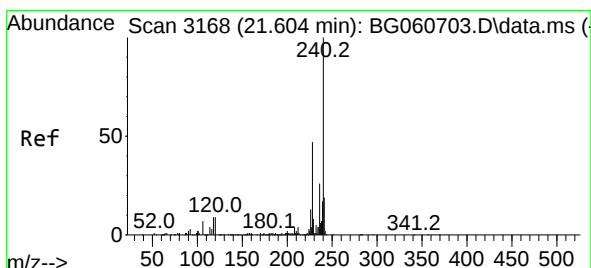
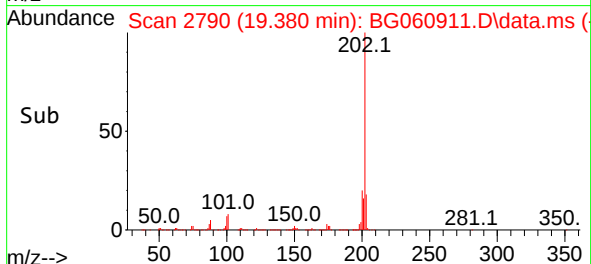
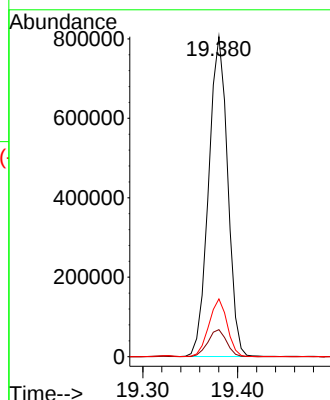
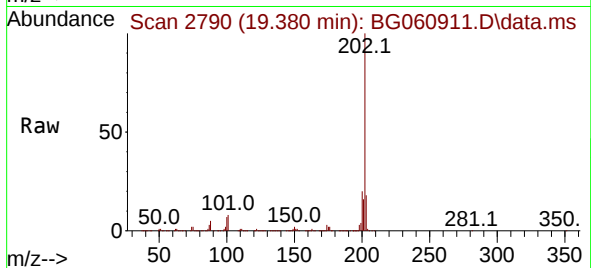
Tgt Ion:202 Resp: 1119302

Ion Ratio Lower Upper

202 100

101 8.4 0.0 30.8

203 18.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

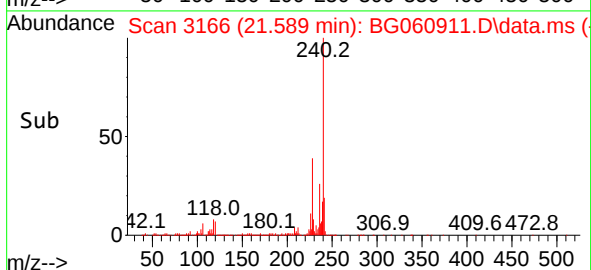
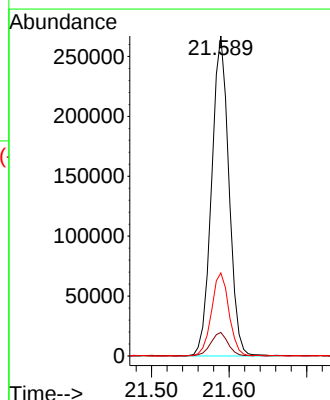
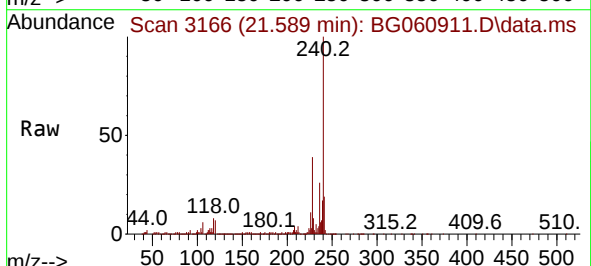
Tgt Ion:240 Resp: 415335

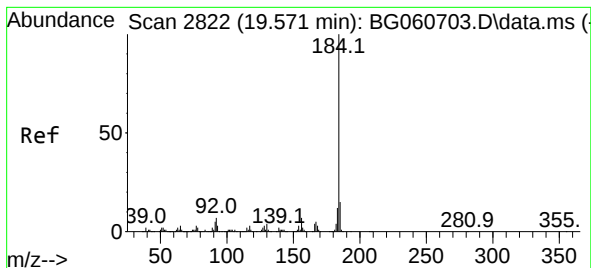
Ion Ratio Lower Upper

240 100

120 7.4 7.1 10.7

236 26.0 20.7 31.1





#77

Benzidine

Concen: 21.153 ng

RT: 19.556 min Scan# 2820

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

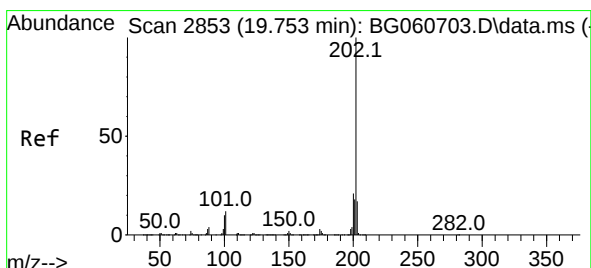
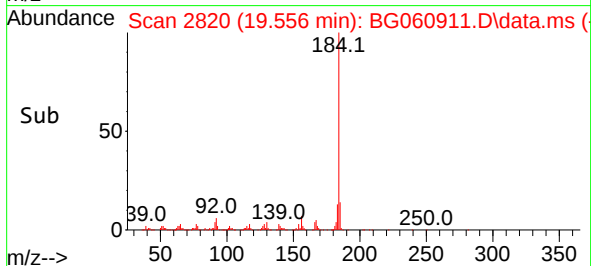
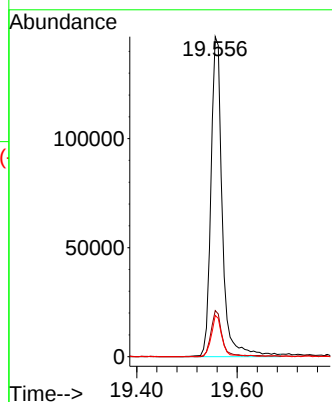
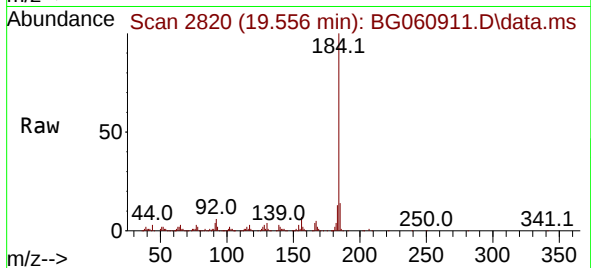
Tgt Ion:184 Resp: 231339

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 12.9 9.5 14.3



#78

Pyrene

Concen: 39.803 ng

RT: 19.739 min Scan# 2851

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

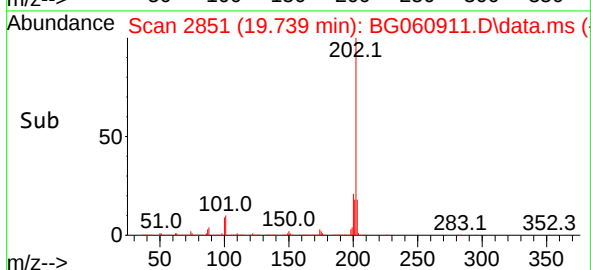
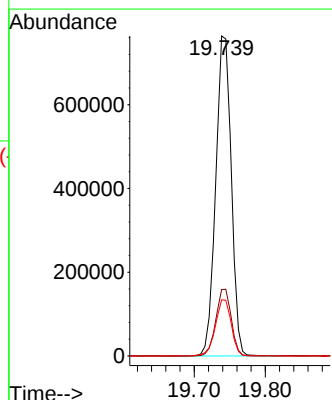
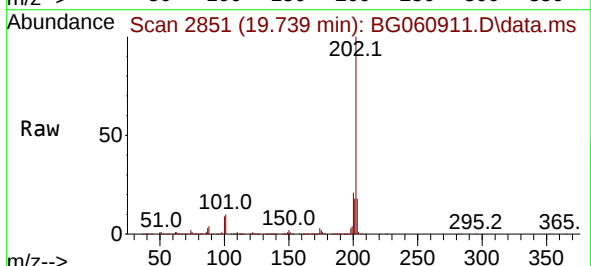
Tgt Ion:202 Resp: 1156192

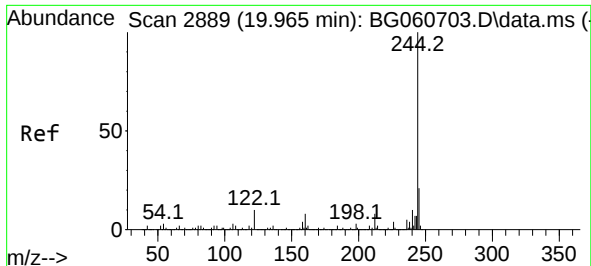
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

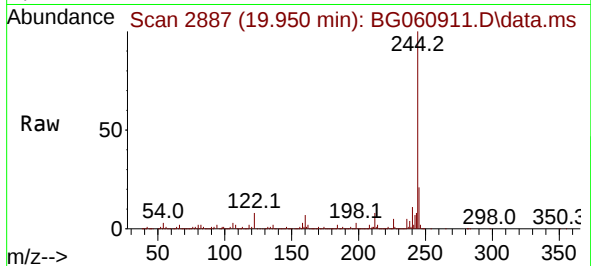
203 17.6 14.0 21.0



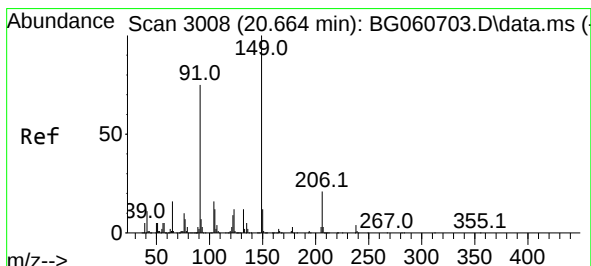
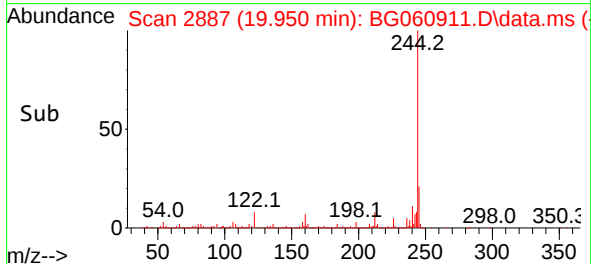
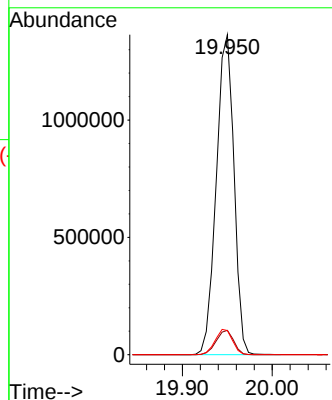


#79
 Terphenyl-d14
 Concen: 78.982 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BS

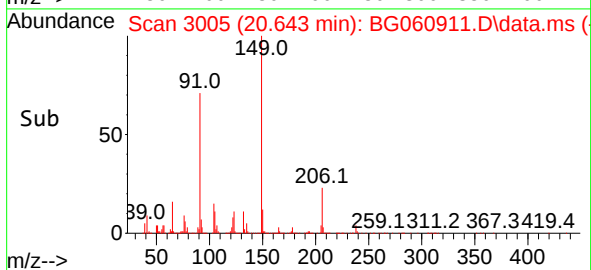
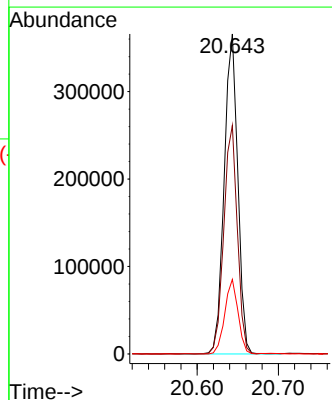
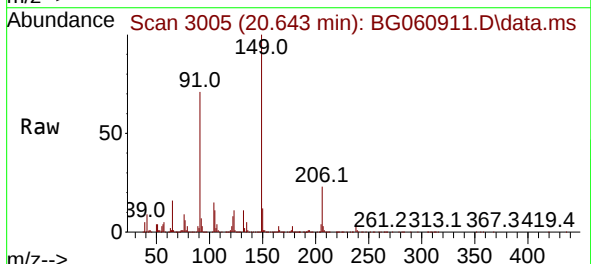


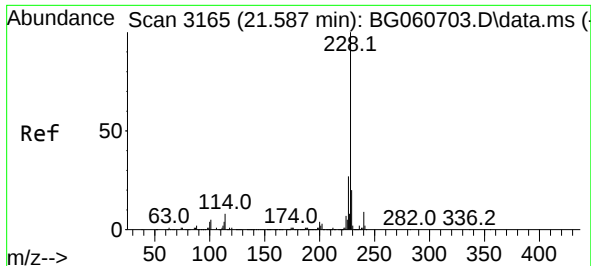
Tgt Ion:244 Resp: 1862985
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.6 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 40.342 ng
 RT: 20.643 min Scan# 3005
 Delta R.T. -0.021 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Tgt Ion:149 Resp: 427475
 Ion Ratio Lower Upper
 149 100
 91 71.4 60.1 90.1
 206 23.3 16.8 25.2

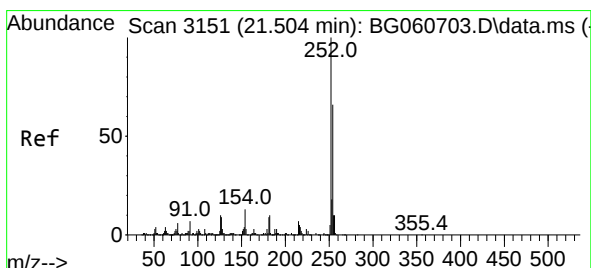
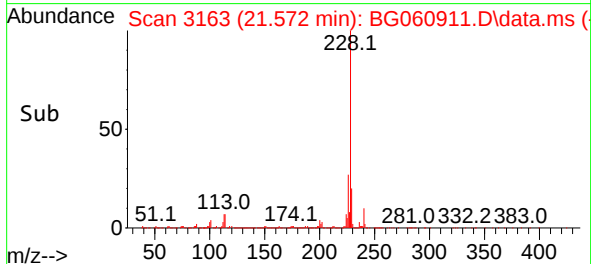
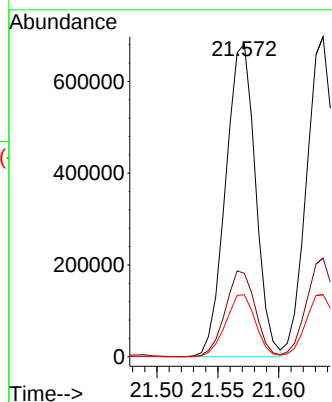
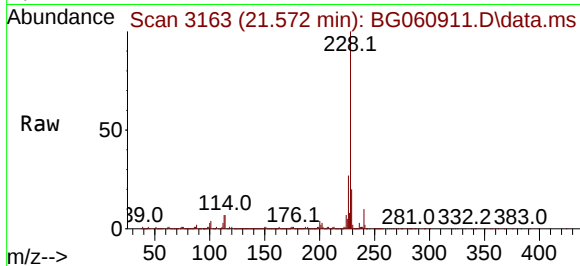




#81
Benzo(a)anthracene
Concen: 39.592 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

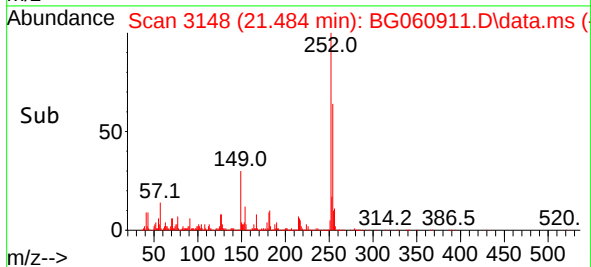
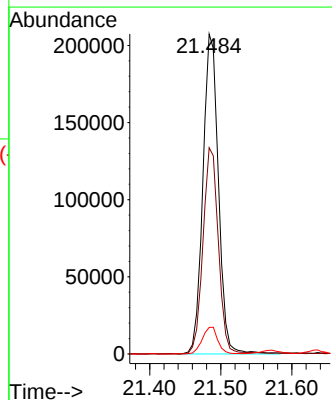
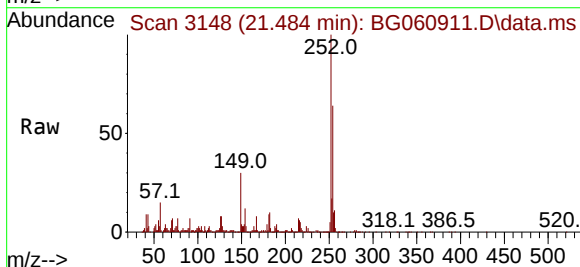
Instrument :
BNA_G
ClientSampleId :
PB160246BS

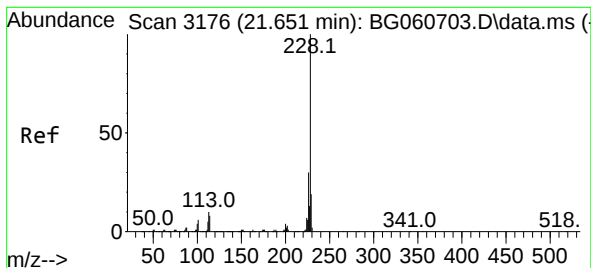
Tgt Ion:228 Resp: 1159136
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 31.950 ng
RT: 21.484 min Scan# 3148
Delta R.T. -0.021 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:252 Resp: 315842
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 8.3 7.8 11.8





#83

Chrysene

Concen: 39.303 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

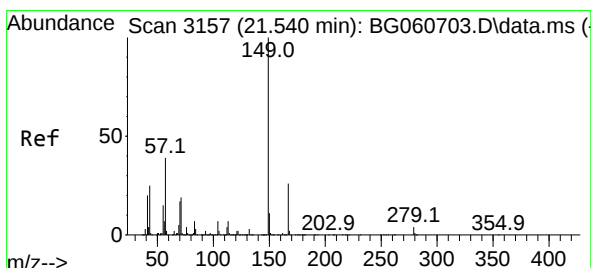
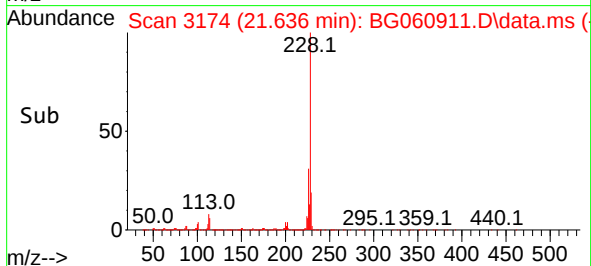
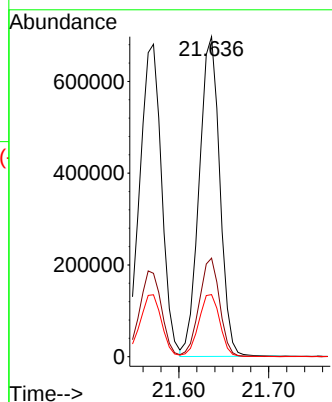
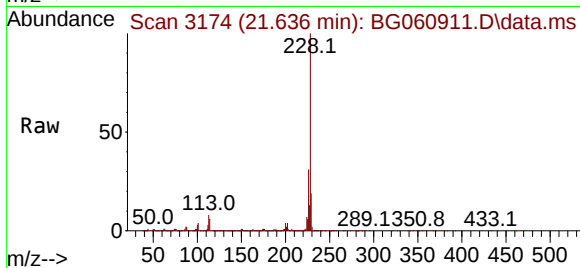
Tgt Ion:228 Resp: 1109081

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.047 ng

RT: 21.501 min Scan# 3151

Delta R.T. -0.038 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

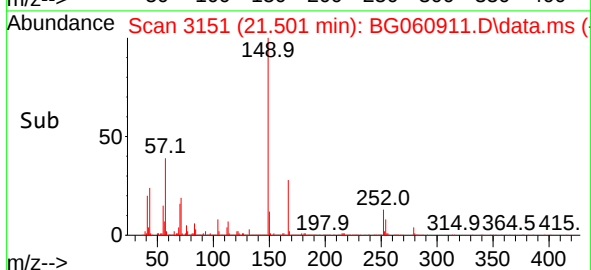
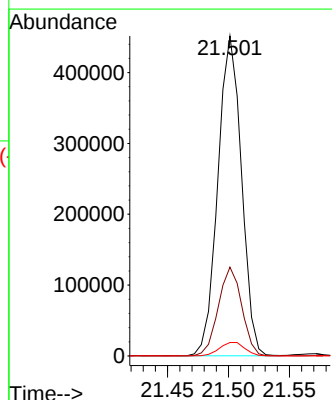
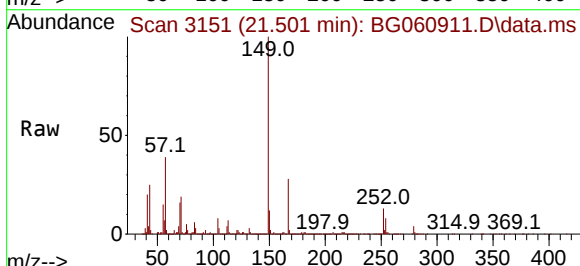
Tgt Ion:149 Resp: 608788

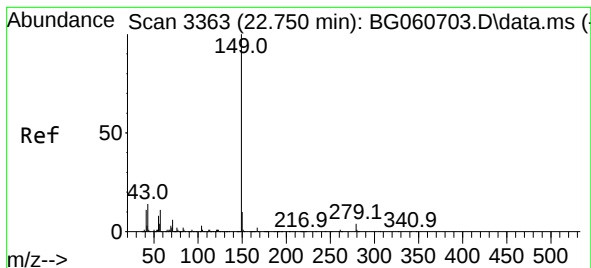
Ion Ratio Lower Upper

149 100

167 27.8 20.6 30.8

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.568 ng

RT: 22.694 min Scan# 31

Delta R.T. -0.056 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

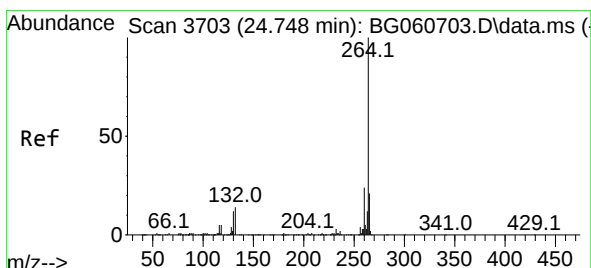
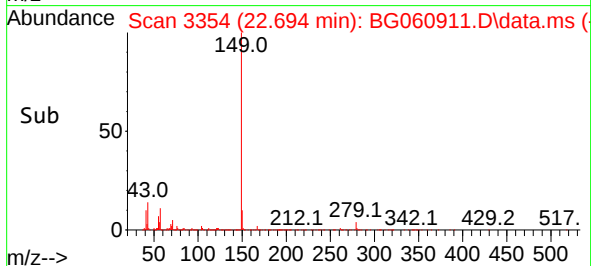
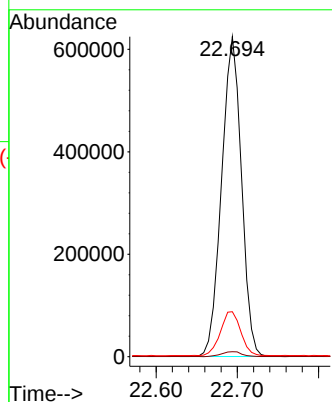
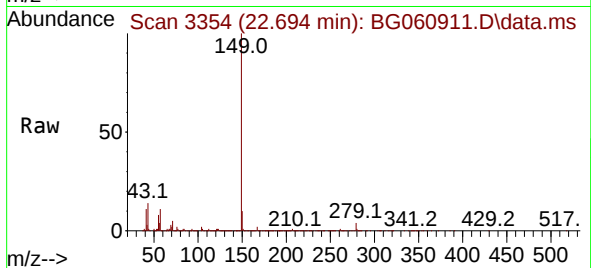
Tgt Ion:149 Resp: 1061146

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 14.1 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.721 min Scan# 3699

Delta R.T. -0.027 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

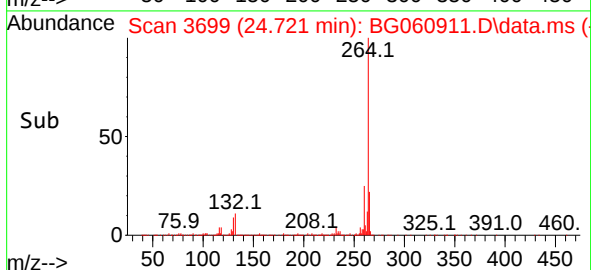
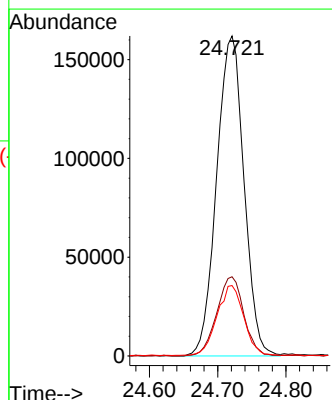
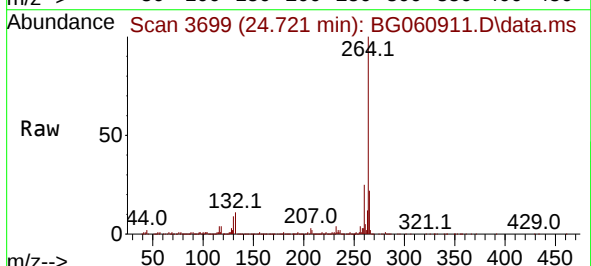
Tgt Ion:264 Resp: 451610

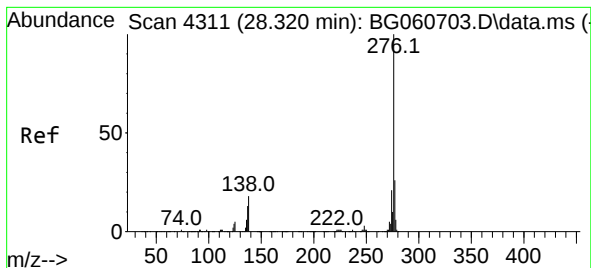
Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.733 ng

RT: 28.287 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

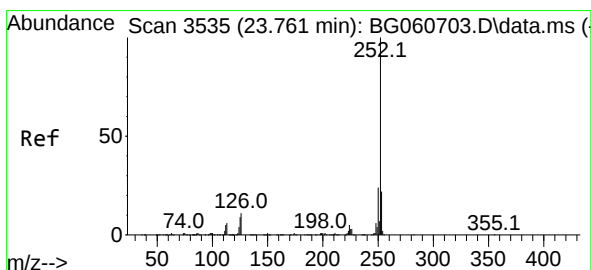
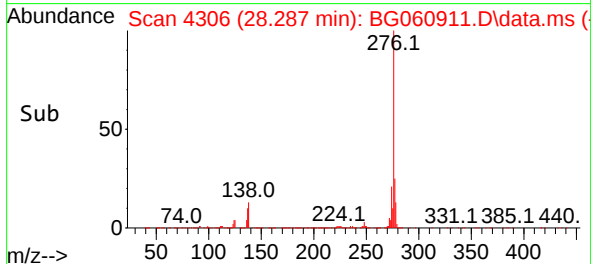
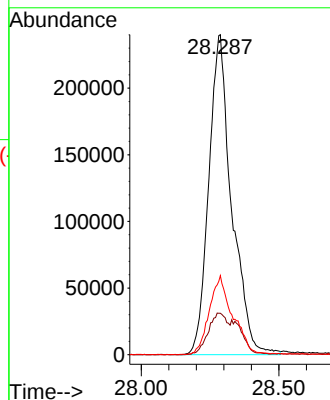
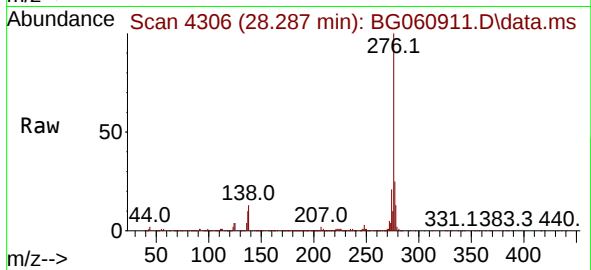
Tgt Ion:276 Resp: 1390804

Ion Ratio Lower Upper

276 100

138 11.1 12.4 18.6#

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.154 ng

RT: 23.734 min Scan# 3531

Delta R.T. -0.027 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

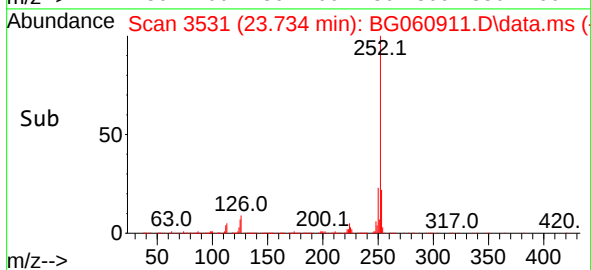
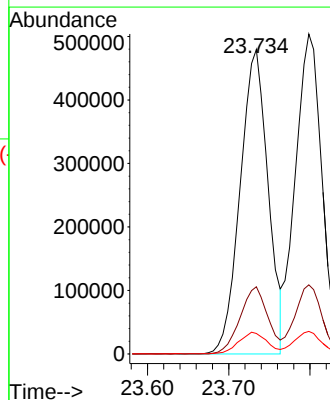
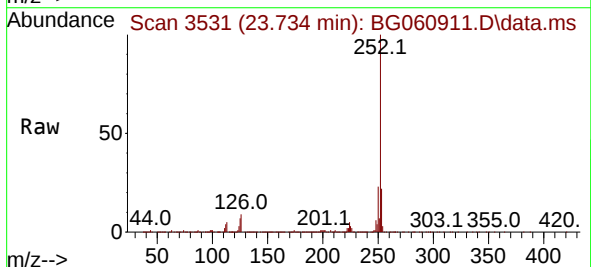
Tgt Ion:252 Resp: 1145579

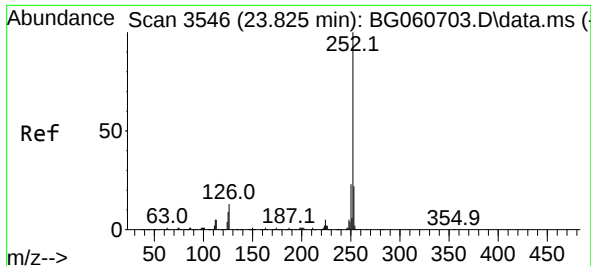
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 6.7 7.1 10.7#

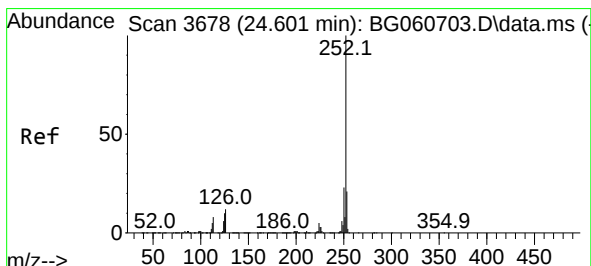
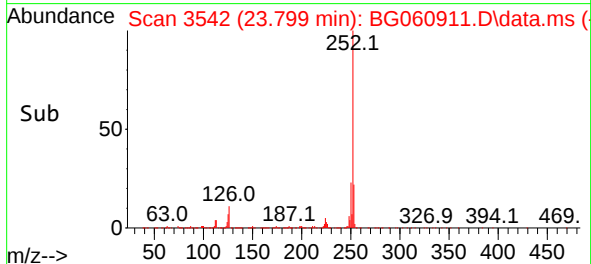
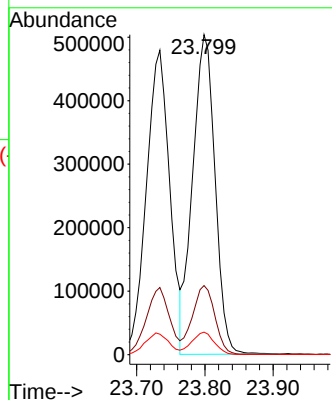
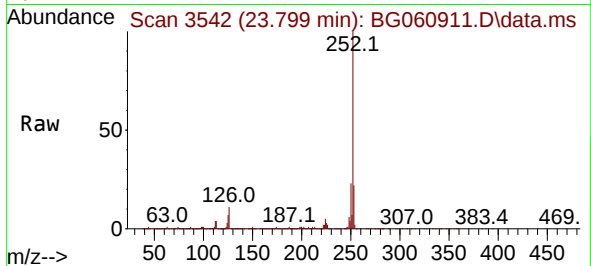




#89
Benzo(k)fluoranthene
Concen: 43.031 ng
RT: 23.799 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

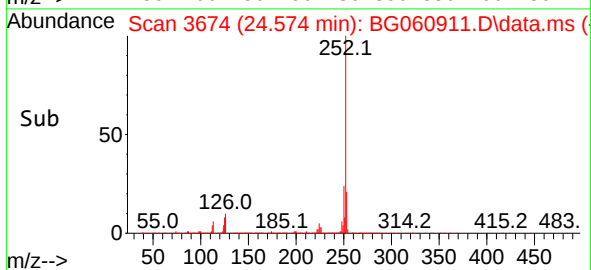
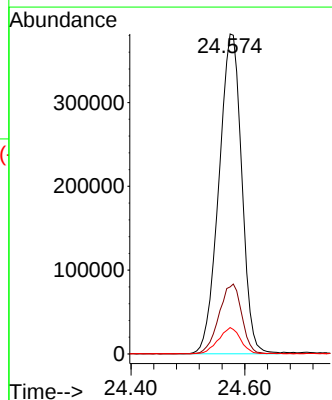
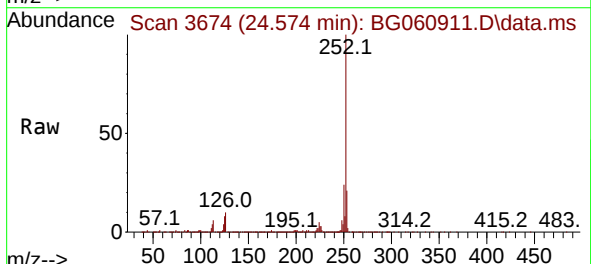
Instrument :
BNA_G
ClientSampleId :
PB160246BS

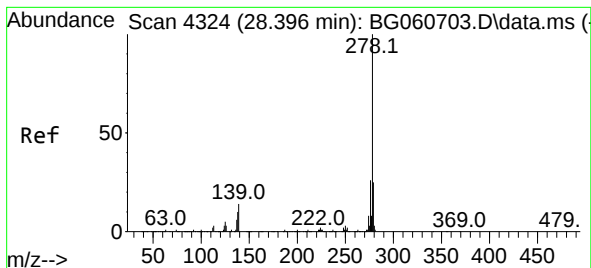
Tgt Ion:252 Resp: 1142721
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.1 7.5 11.3#



#90
Benzo(a)pyrene
Concen: 42.180 ng
RT: 24.574 min Scan# 3674
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:252 Resp: 1063495
Ion Ratio Lower Upper
252 100
253 20.9 16.8 25.2
125 8.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 42.676 ng

RT: 28.352 min Scan# 41

Delta R.T. -0.044 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

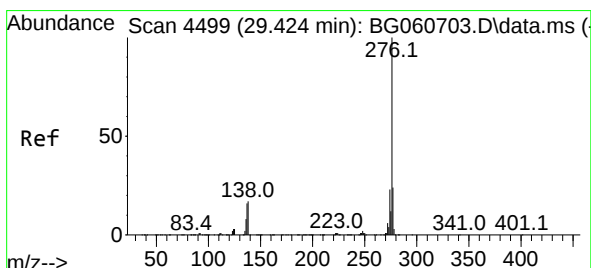
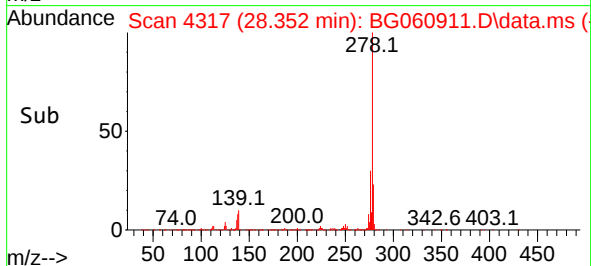
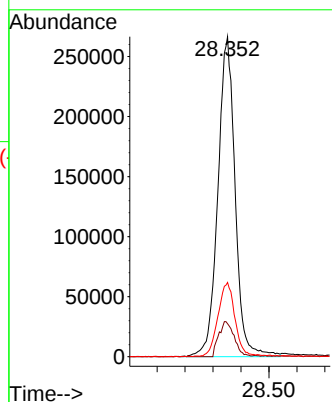
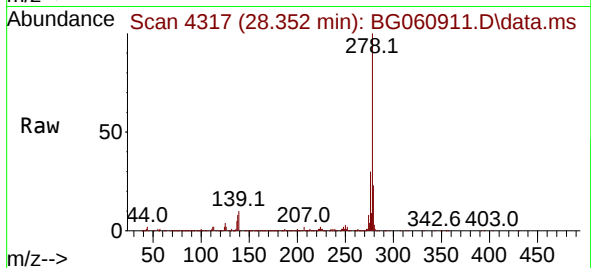
Tgt Ion:278 Resp: 1144084

Ion Ratio Lower Upper

278 100

139 10.3 11.1 16.7#

279 23.2 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 41.074 ng

RT: 29.392 min Scan# 4494

Delta R.T. -0.033 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:276 Resp: 1071168

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 14.0 14.0 21.0

