

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060820.D
 Acq On : 8 Apr 2024 11:04
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 11:40:58 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	7.950	152	60438	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	236211	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	182118	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	433264	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	420524	20.000	ng	-0.01
86) Perylene-d12	24.725	264	498504	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	272376	75.077	ng	0.00
7) Phenol-d6	7.116	99	384736	71.442	ng	0.00
23) Nitrobenzene-d5	9.108	82	367755	88.839	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	203766	98.565	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	999660	80.559	ng	-0.01
79) Terphenyl-d14	19.954	244	1868413	78.235	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.467	88	62147	41.781	ng	98
3) Pyridine	3.849	79	184664	41.158	ng	90
4) n-Nitrosodimethylamine	3.767	42	116000	43.253	ng	94
6) Aniline	7.274	93	236860	34.829	ng	98
8) 2-Chlorophenol	7.515	128	151953	36.944	ng	95
9) Benzaldehyde	7.086	77	99324	33.447	ng	99
10) Phenol	7.139	94	200307	36.446	ng	98
11) bis(2-Chloroethyl)ether	7.374	93	153982	34.702	ng	97
12) 1,3-Dichlorobenzene	7.838	146	164713	38.509	ng	96
13) 1,4-Dichlorobenzene	7.985	146	166930	38.254	ng	99
14) 1,2-Dichlorobenzene	8.303	146	163537	38.242	ng	99
15) Benzyl Alcohol	8.185	79	155605	35.671	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.479	45	350679	35.019	ng	98
17) 2-Methylphenol	8.391	107	149264	35.976	ng	97
18) Hexachloroethane	9.031	117	59418	38.339	ng	91
19) n-Nitroso-di-n-propyla...	8.755	70	140676	34.254	ng	99
20) 3+4-Methylphenols	8.714	107	201735	35.507	ng	96
22) Acetophenone	8.767	105	255806	39.275	ng	99
24) Nitrobenzene	9.149	77	188096	41.236	ng	97
25) Isophorone	9.672	82	354873	37.220	ng	100
26) 2-Nitrophenol	9.860	139	69205	43.769	ng	90
27) 2,4-Dimethylphenol	9.918	122	147939	38.626	ng	95
28) bis(2-Chloroethoxy)met...	10.159	93	211152	37.511	ng	98
29) 2,4-Dichlorophenol	10.394	162	150823	42.883	ng	96
30) 1,2,4-Trichlorobenzene	10.612	180	168252	42.247	ng	98
31) Naphthalene	10.800	128	504262	39.464	ng	99
32) Benzoic acid	10.053	122	104839	42.118	ng	96
33) 4-Chloroaniline	10.900	127	229440	38.660	ng	99
34) Hexachlorobutadiene	11.088	225	118563	44.670	ng	98
35) Caprolactam	11.669	113	54521	39.140	ng	97
36) 4-Chloro-3-methylphenol	12.028	107	180134	40.093	ng	99
37) 2-Methylnaphthalene	12.404	142	360490	38.374	ng	100
38) 1-Methylnaphthalene	12.627	142	348608	39.282	ng	98
40) 1,2,4,5-Tetrachloroben...	12.774	216	225404	43.051	ng	98
41) Hexachlorocyclopentadiene	12.756	237	114872	43.149	ng	95
43) 2,4,6-Trichlorophenol	13.009	196	148573	44.070	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	175188	43.543	ng	98
46) 1,1'-Biphenyl	13.414	154	500288	38.892	ng	99
47) 2-Chloronaphthalene	13.455	162	390063	39.911	ng	99
48) 2-Nitroaniline	13.649	65	135726	43.573	ng	93
49) Acenaphthylene	14.301	152	643376	39.178	ng	98
50) Dimethylphthalate	14.043	163	552183	38.360	ng	100
51) 2,6-Dinitrotoluene	14.149	165	102495	40.367	ng	97
52) Acenaphthene	14.642	154	410008	39.766	ng	97
53) 3-Nitroaniline	14.478	138	112235	40.190	ng	99
54) 2,4-Dinitrophenol	14.683	184	50908	50.808	ng	90
55) Dibenzofuran	14.977	168	634450	39.011	ng	98
56) 4-Nitrophenol	14.783	139	93869	44.607	ng	98
57) 2,4-Dinitrotoluene	14.936	165	141782	42.909	ng	98
58) Fluorene	15.629	166	516409	39.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.206	232	152553	43.509	ng	99
60) Diethylphthalate	15.412	149	544216	37.578	ng	98
61) 4-Chlorophenyl-phenyle...	15.629	204	278659	40.354	ng	93
62) 4-Nitroaniline	15.641	138	122464	46.532	ng	96
63) Azobenzene	15.923	77	528859	37.475	ng	97
65) 4,6-Dinitro-2-methylph...	15.706	198	76889	43.735	ng	95
66) n-Nitrosodiphenylamine	15.841	169	482038	38.933	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	192869	43.863	ng	97
68) Hexachlorobenzene	16.634	284	204624	41.224	ng	98
69) Atrazine	16.793	200	174718	40.354	ng	99
70) Pentachlorophenol	16.975	266	143619	44.343	ng	99
71) Phenanthrene	17.374	178	877271	38.933	ng	99
72) Anthracene	17.462	178	910920	39.806	ng	99
73) Carbazole	17.727	167	796748	39.489	ng	99
74) Di-n-butylphthalate	18.309	149	958674	38.112	ng	100
75) Fluoranthene	19.384	202	1107369	40.499	ng	98
77) Benzidine	19.560	184	460002	41.542	ng	99
78) Pyrene	19.742	202	1149770	39.094	ng	99
80) Butylbenzylphthalate	20.647	149	417938	38.956	ng	98
81) Benzo(a)anthracene	21.569	228	1170184	39.477	ng	99
82) 3,3'-Dichlorobenzidine	21.493	252	421982	42.161	ng	99
83) Chrysene	21.640	228	1122336	39.282	ng	99
84) Bis(2-ethylhexyl)phtha...	21.511	149	632640	36.997	ng	99
85) Di-n-octyl phthalate	22.709	149	1078898	38.729	ng	99
87) Indeno(1,2,3-cd)pyrene	28.279	276	1371056	39.056	ng	98
88) Benzo(b)fluoranthene	23.737	252	1101148	38.449	ng	98
89) Benzo(k)fluoranthene	23.808	252	1156717	39.461	ng	# 98
90) Benzo(a)pyrene	24.578	252	1098705	39.477	ng	98
91) Dibenzo(a,h)anthracene	28.356	278	1151201	38.902	ng	96
92) Benzo(g,h,i)perylene	29.396	276	1118370	38.850	ng	99

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

BNA G

ClientSampleId :

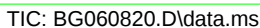
Quant Time: Apr 08 11:40:58 2024

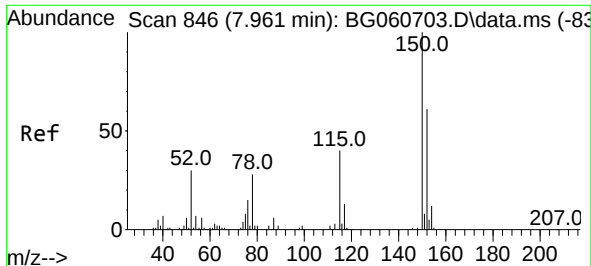
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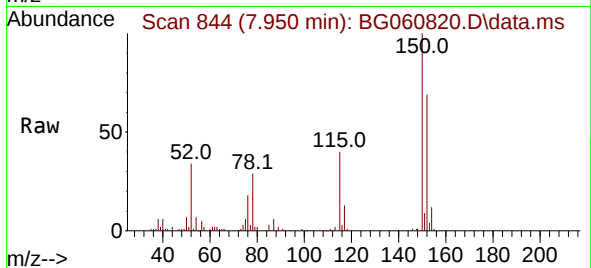
Response via : Initial Calibration



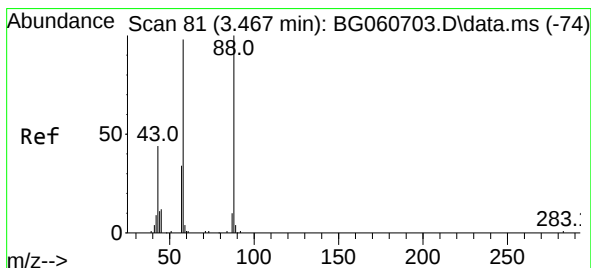
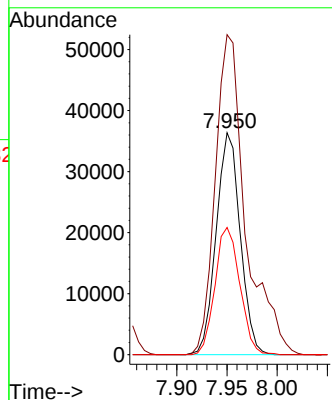
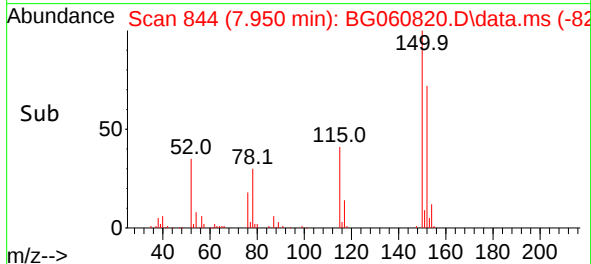


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060820.D
 Acq: 8 Apr 2024 11:04

Instrument :
 BNA_G
 ClientSampleId :

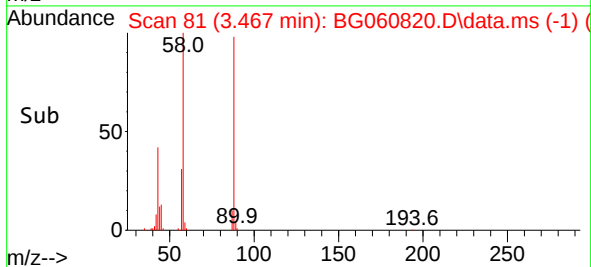
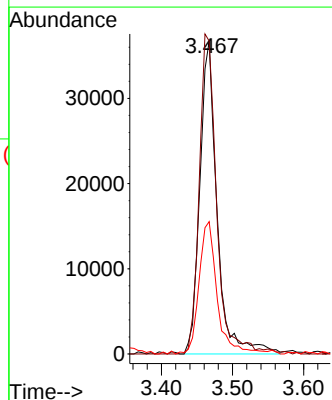
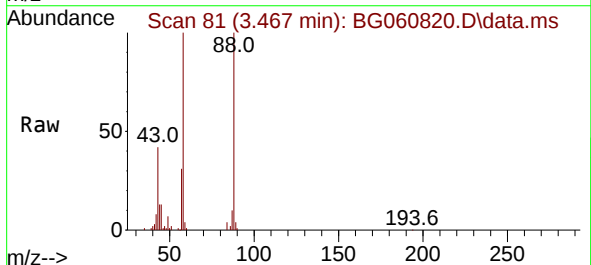


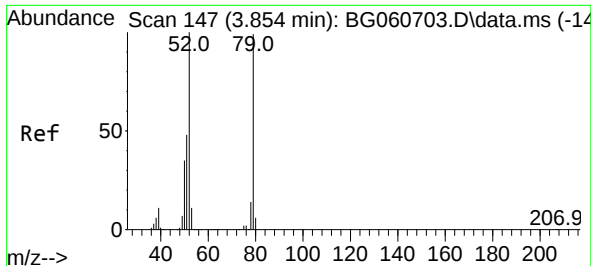
Tgt Ion:152 Resp: 60438
 Ion Ratio Lower Upper
 152 100
 150 144.2 130.2 195.4
 115 57.3 51.6 77.4



#2
 1,4-Dioxane
 Concen: 41.781 ng
 RT: 3.467 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG060820.D
 Acq: 8 Apr 2024 11:04

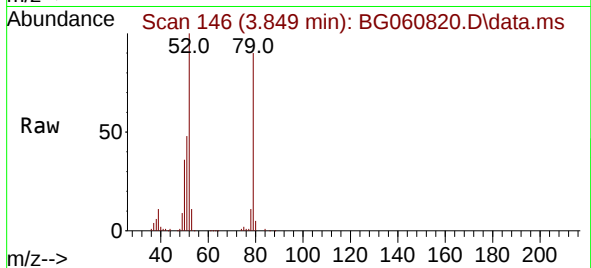
Tgt Ion: 88 Resp: 62147
 Ion Ratio Lower Upper
 88 100
 58 103.5 80.9 121.3
 43 44.8 35.4 53.0



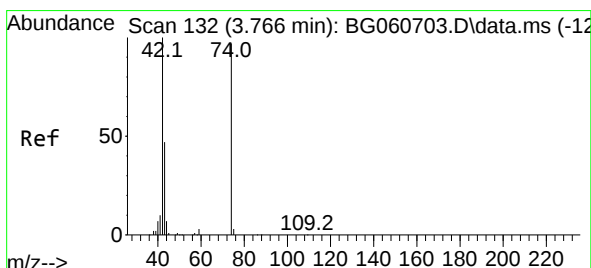
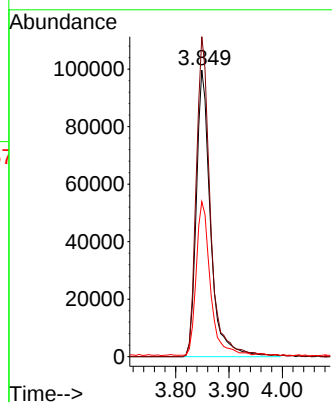
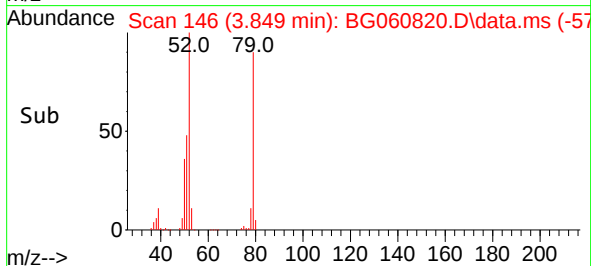


#3
Pyridine
Concen: 41.158 ng
RT: 3.849 min Scan# 147
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

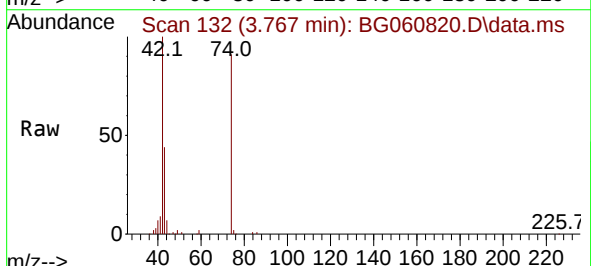
Instrument :
BNA_G
ClientSampleId :



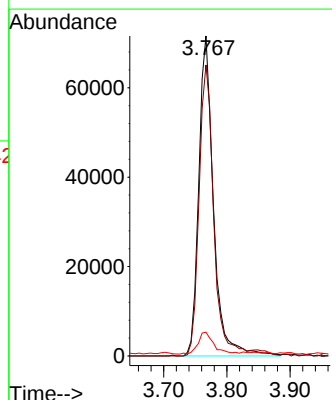
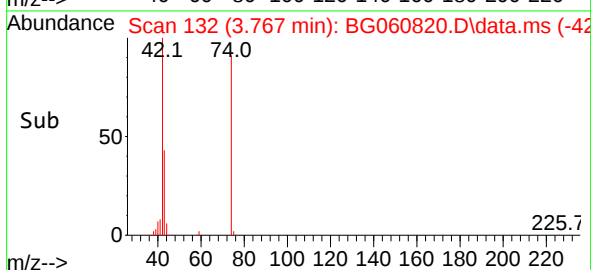
Tgt Ion: 79 Resp: 184664
Ion Ratio Lower Upper
79 100
52 111.7 80.6 120.8
51 54.1 39.1 58.7

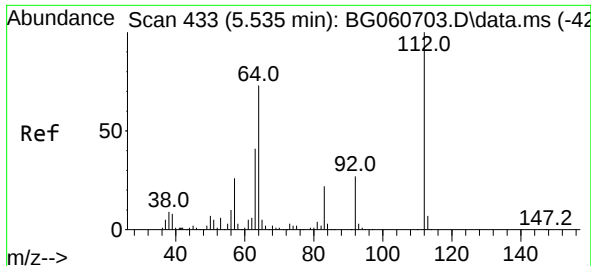


#4
n-Nitrosodimethylamine
Concen: 43.253 ng
RT: 3.767 min Scan# 132
Delta R.T. 0.000 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04



Tgt Ion: 42 Resp: 116000
Ion Ratio Lower Upper
42 100
74 91.0 77.8 116.8
44 7.4 6.8 10.2

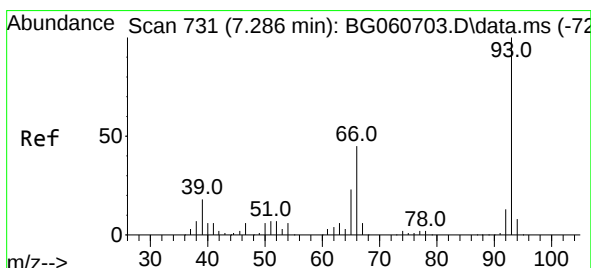
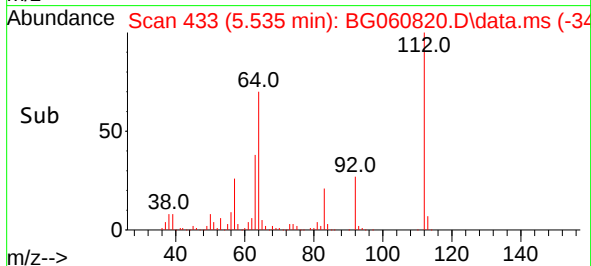
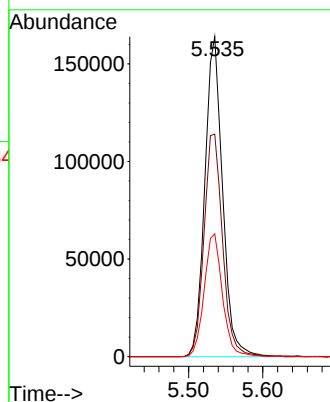
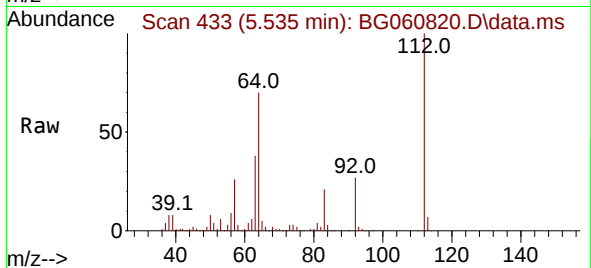




#5
2-Fluorophenol
Concen: 75.077 ng
RT: 5.535 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

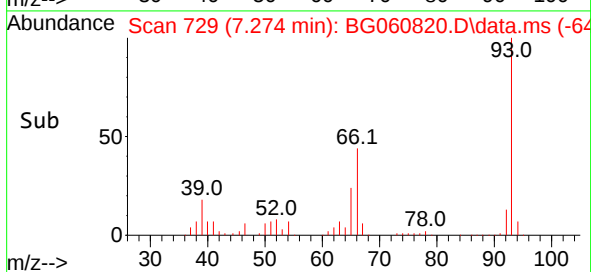
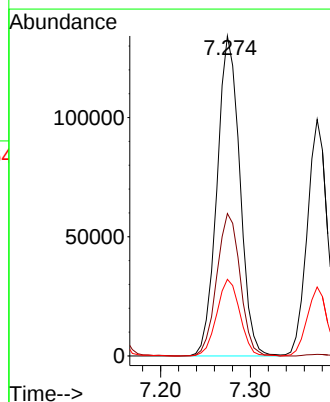
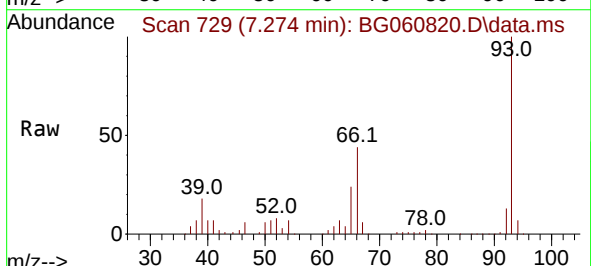
Instrument :
BNA_G
ClientSampleId :

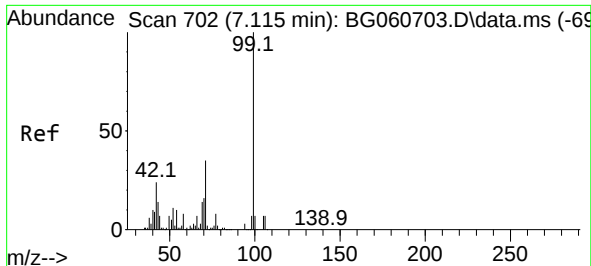
Tgt Ion:112 Resp: 272376
Ion Ratio Lower Upper
112 100
64 69.5 58.4 87.6
63 38.4 32.7 49.1



#6
Aniline
Concen: 34.829 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion: 93 Resp: 236860
Ion Ratio Lower Upper
93 100
66 44.5 36.1 54.1
65 23.9 18.1 27.1

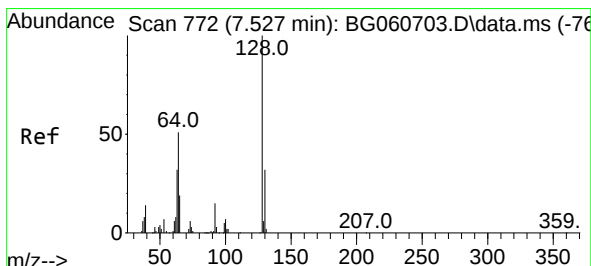
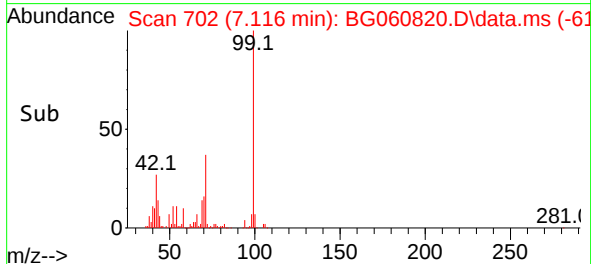
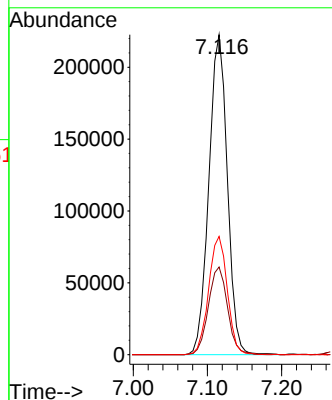
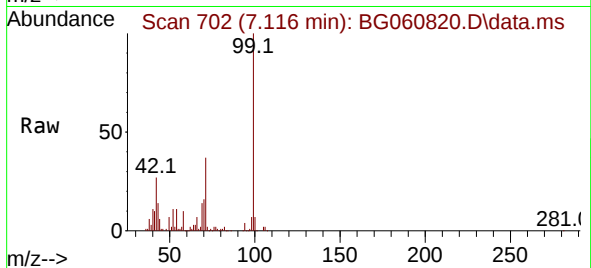




#7
Phenol-d6
Concen: 71.442 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

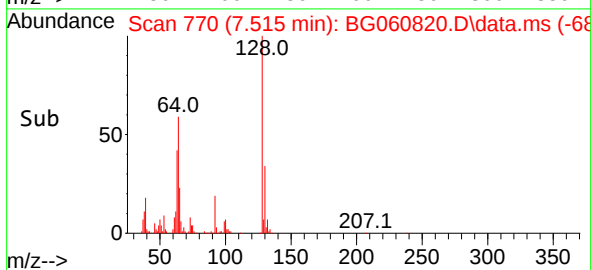
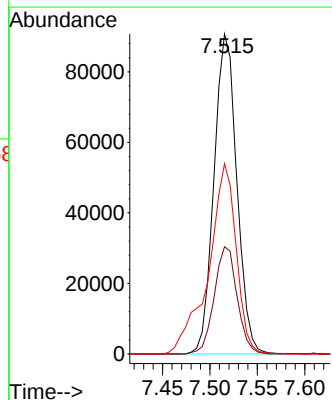
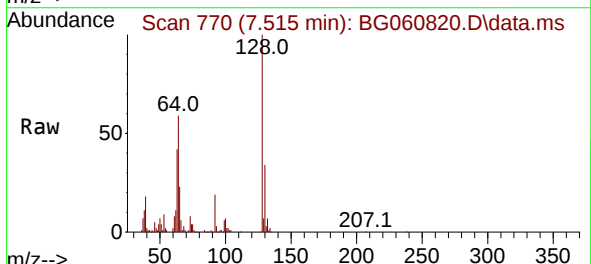
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ClientSampleId :

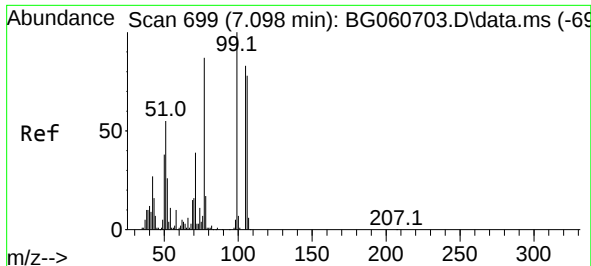
Tgt Ion: 99 Resp: 384736
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 37.0 28.2 42.2



#8
2-Chlorophenol
Concen: 36.944 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion: 128 Resp: 151953
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 59.4 35.0 75.0

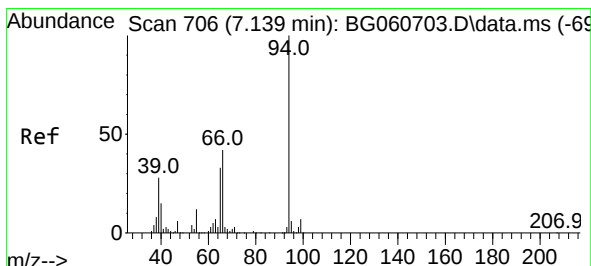
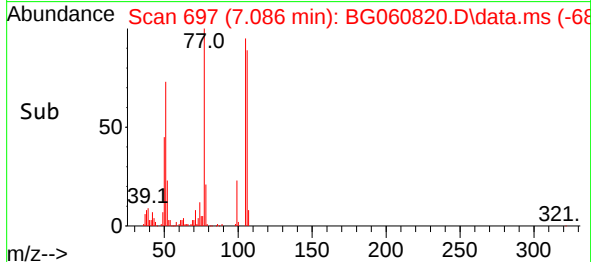
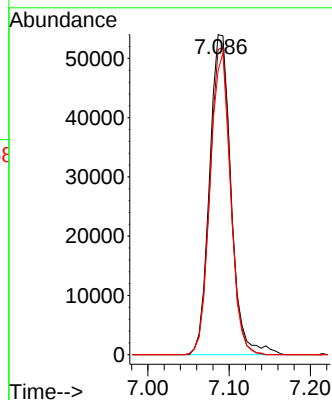
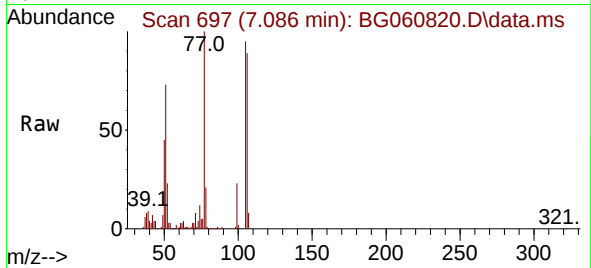




#9
Benzaldehyde
Concen: 33.447 ng
RT: 7.086 min Scan# 699
Delta R.T. -0.012 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

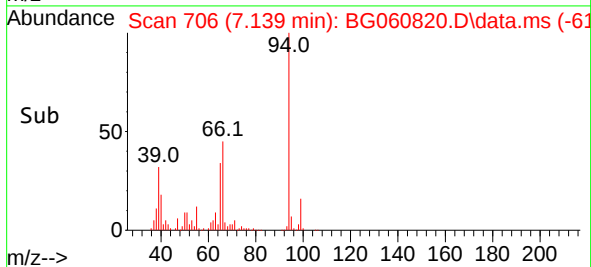
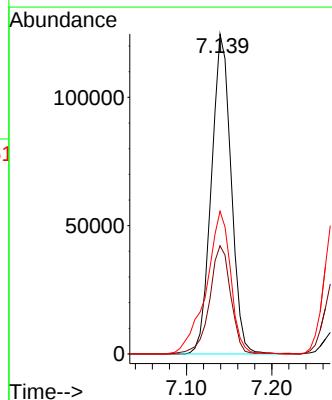
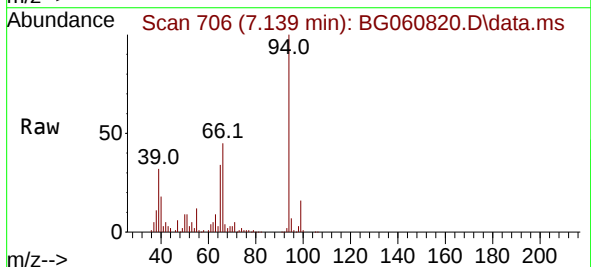
Instrument :
BNA_G
ClientSampleId :

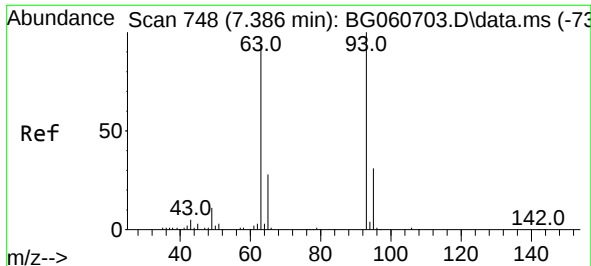
Tgt Ion: 77 Resp: 99324
Ion Ratio Lower Upper
77 100
105 95.4 76.0 116.0
106 88.8 70.3 110.3



#10
Phenol
Concen: 36.446 ng
RT: 7.139 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

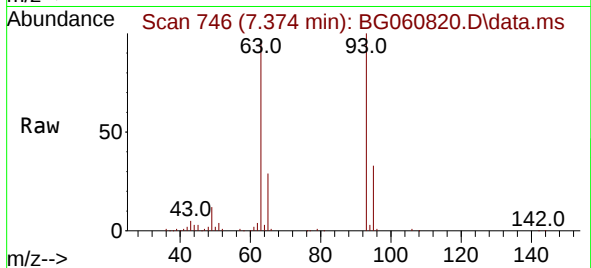
Tgt Ion: 94 Resp: 200307
Ion Ratio Lower Upper
94 100
65 33.8 13.3 53.3
66 44.6 22.9 62.9





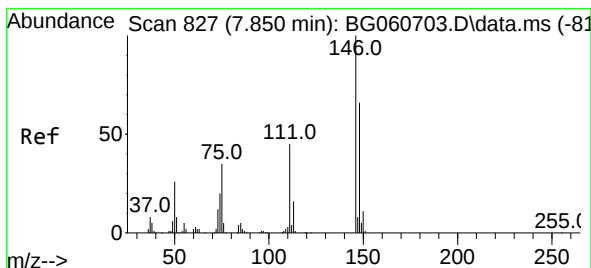
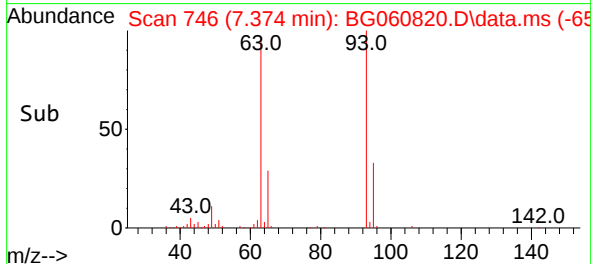
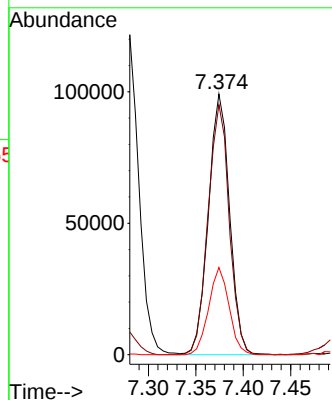
#11
bis(2-Chloroethyl)ether
Concen: 34.702 ng
RT: 7.374 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 93 Resp: 153982

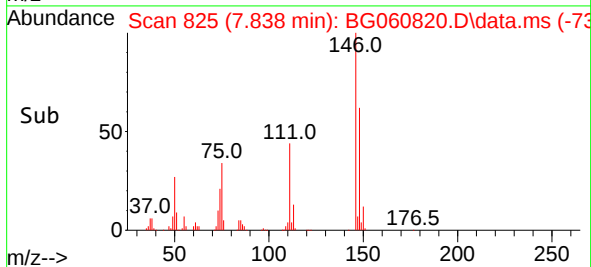
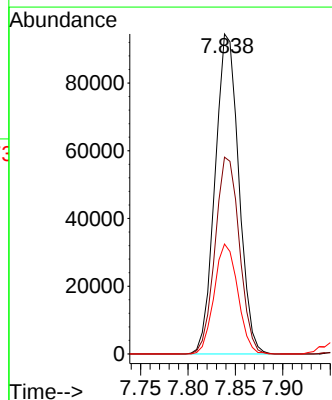
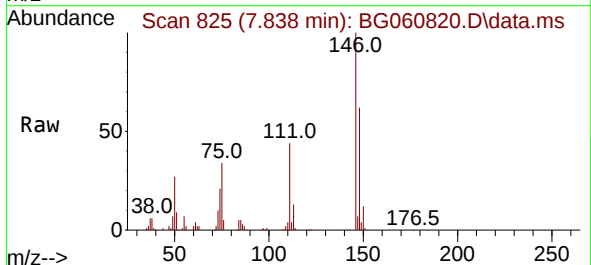
Ion	Ratio	Lower	Upper
93	100		
63	95.9	73.7	113.7
95	33.5	11.2	51.2

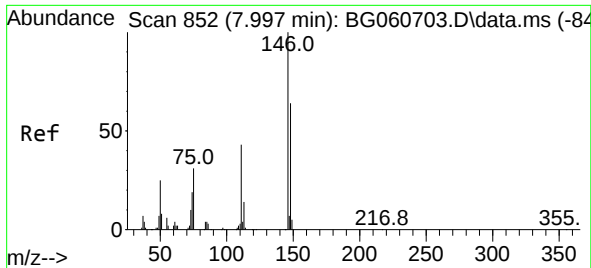


#12
1,3-Dichlorobenzene
Concen: 38.509 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:146 Resp: 164713

Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.0	79.4
75	34.4	28.1	42.1

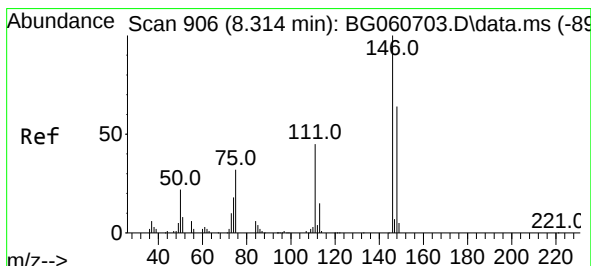
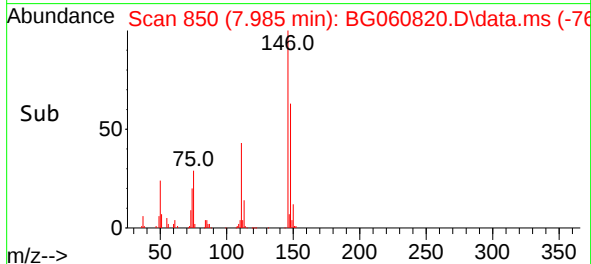
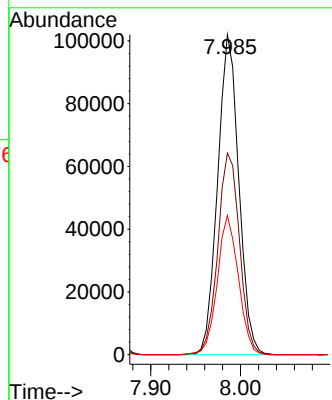
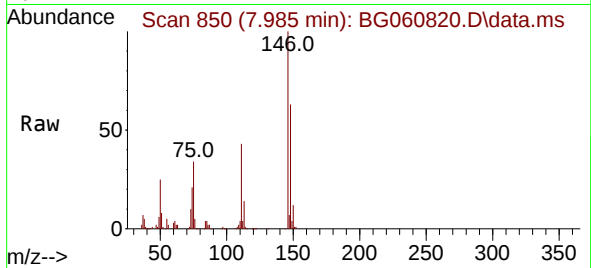




#13
1,4-Dichlorobenzene
Concen: 38.254 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

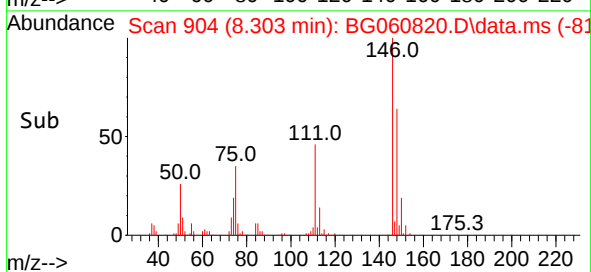
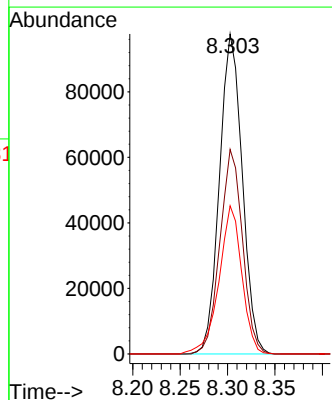
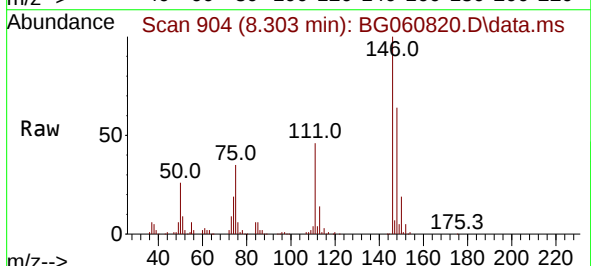
Instrument :
BNA_G
ClientSampleId :

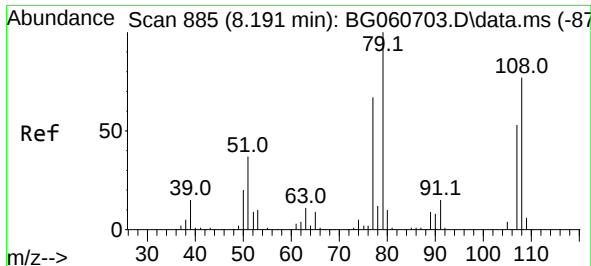
Tgt Ion:146 Resp: 166930
Ion Ratio Lower Upper
146 100
148 63.0 51.1 76.7
111 43.5 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 38.242 ng
RT: 8.303 min Scan# 904
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

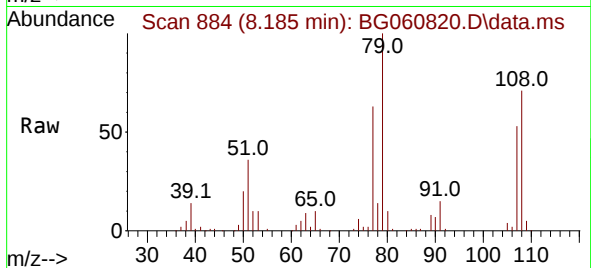
Tgt Ion:146 Resp: 163537
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 46.3 36.0 54.0



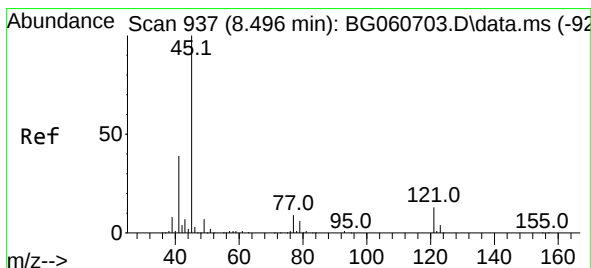
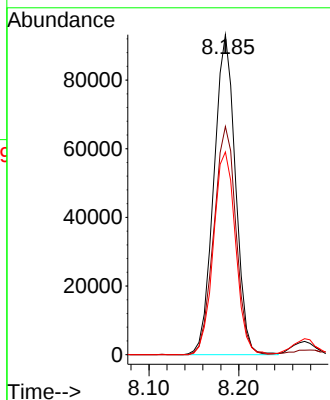
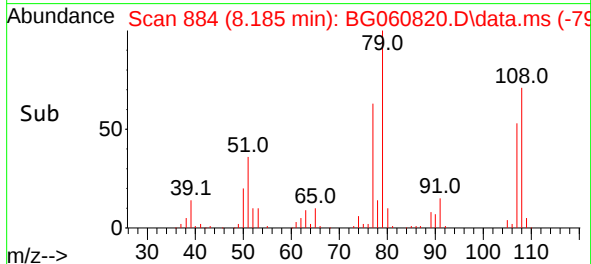


#15
Benzyl Alcohol
Concen: 35.671 ng
RT: 8.185 min Scan# 814
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

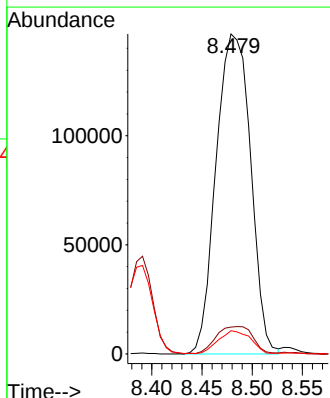
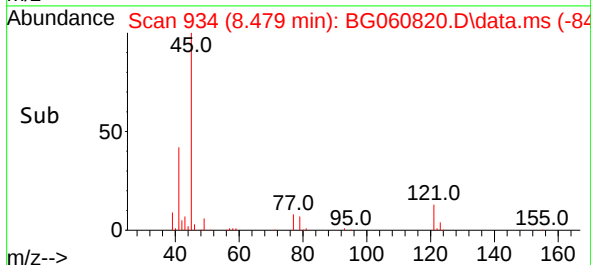
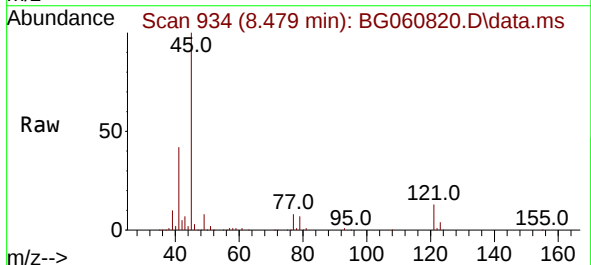


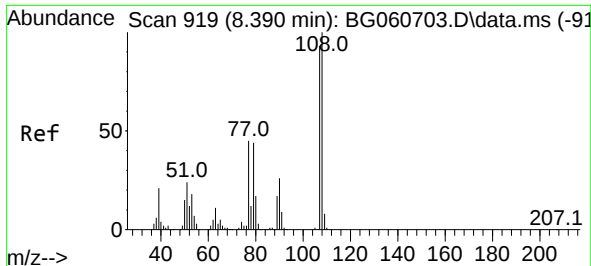
Tgt Ion: 79 Resp: 155605
Ion Ratio Lower Upper
79 100
108 71.3 61.4 92.0
77 63.3 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.019 ng
RT: 8.479 min Scan# 934
Delta R.T. -0.017 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

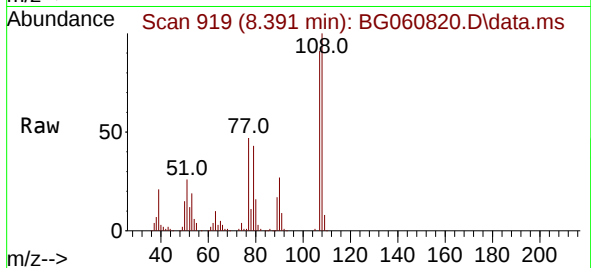
Tgt Ion: 45 Resp: 350679
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.1
79 7.3 0.0 26.5



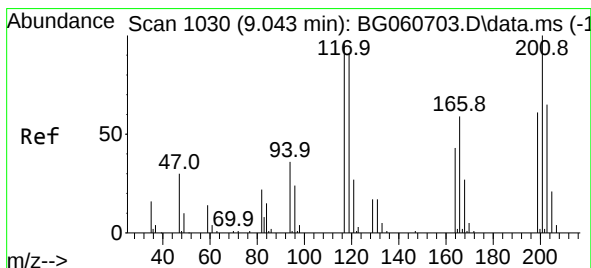
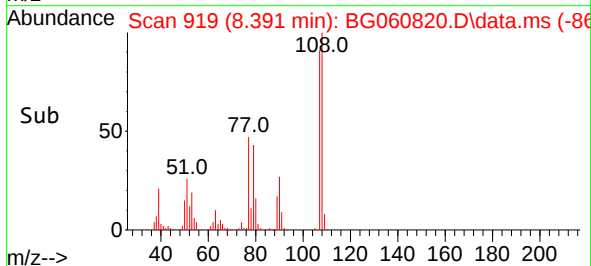
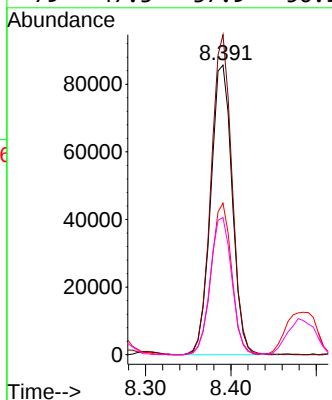


#17
2-Methylphenol
Concen: 35.976 ng
RT: 8.391 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

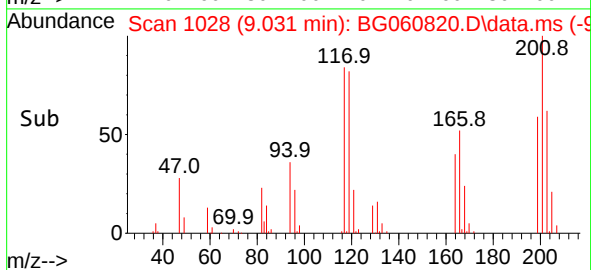
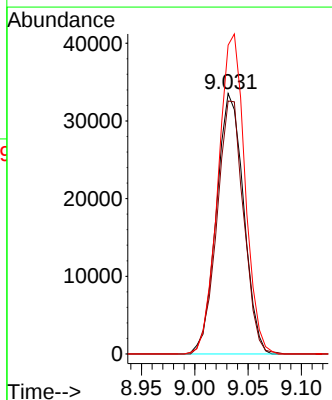
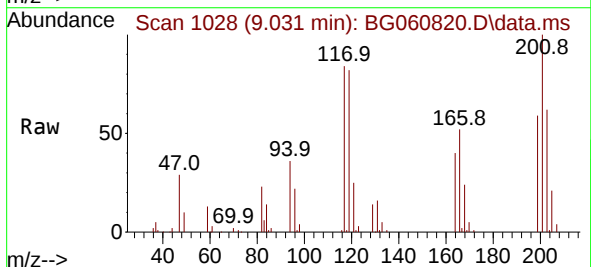


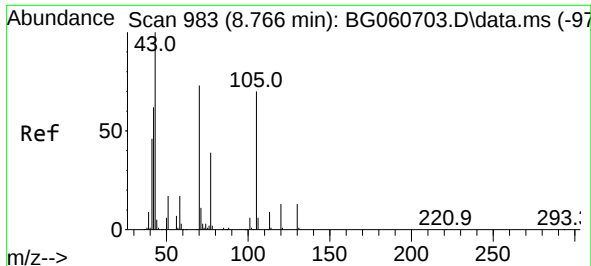
Tgt Ion:	107	Resp:	149264
Ion	Ratio	Lower	Upper
107	100		
108	110.5	86.4	129.6
77	52.3	38.6	58.0
79	47.3	37.9	56.9



#18
Hexachloroethane
Concen: 38.339 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

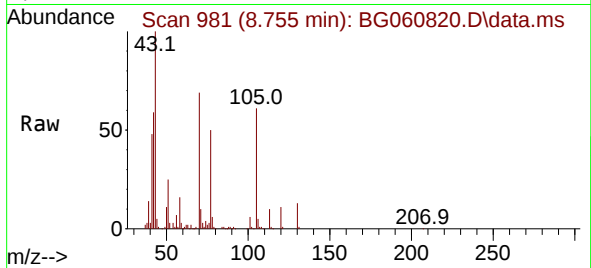
Tgt Ion:	117	Resp:	59418
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.7	113.5
201	118.6	83.4	125.2



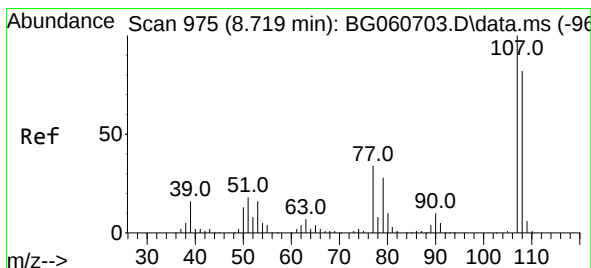
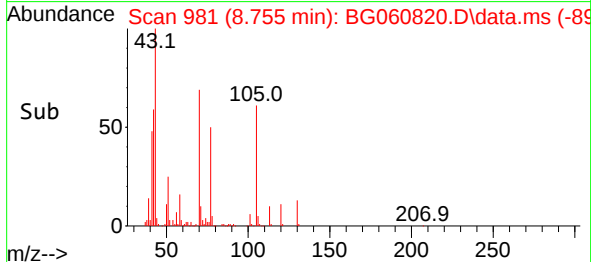
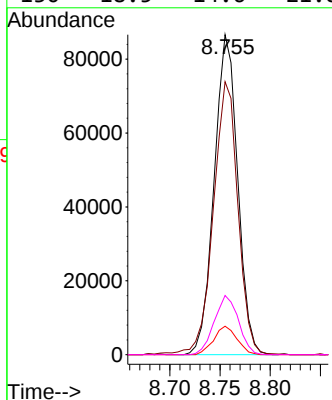


#19
n-Nitroso-di-n-propylamine
Concen: 34.254 ng
RT: 8.755 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

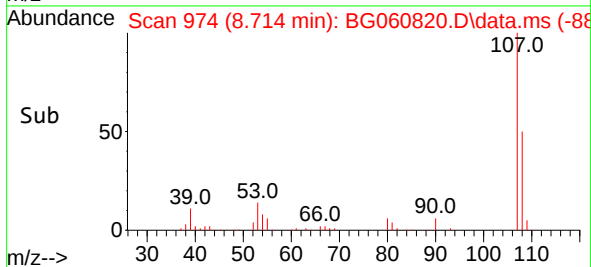
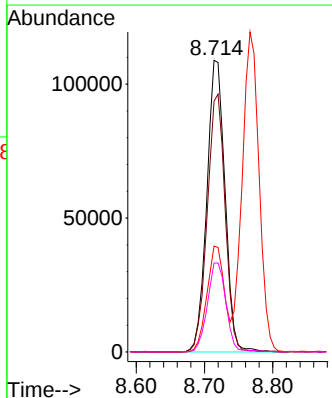
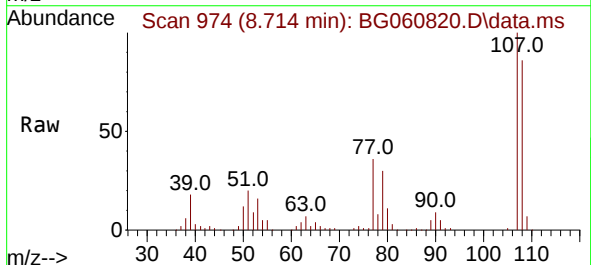


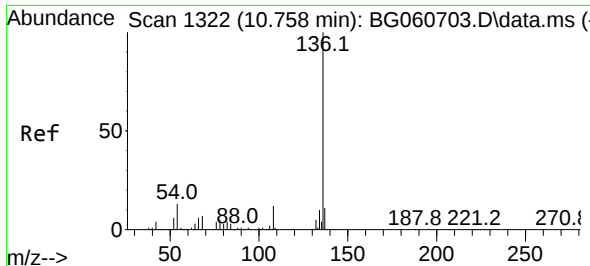
Tgt Ion: 70 Resp: 140676
Ion Ratio Lower Upper
70 100
42 85.3 68.4 102.6
101 8.9 6.1 9.1
130 18.5 14.6 21.8



#20
3+4-Methylphenols
Concen: 35.507 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

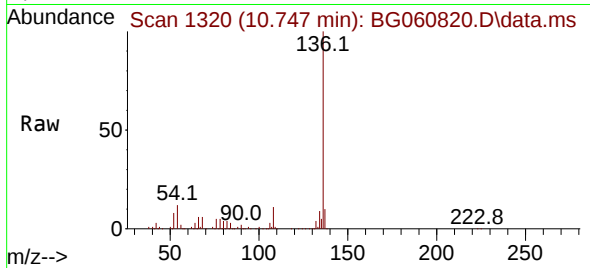
Tgt Ion: 107 Resp: 201735
Ion Ratio Lower Upper
107 100
108 86.0 62.2 102.2
77 36.3 14.1 54.1
79 30.5 7.7 47.7



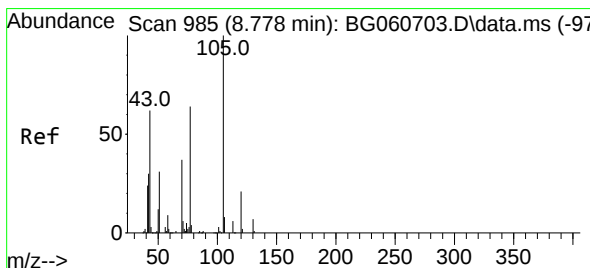
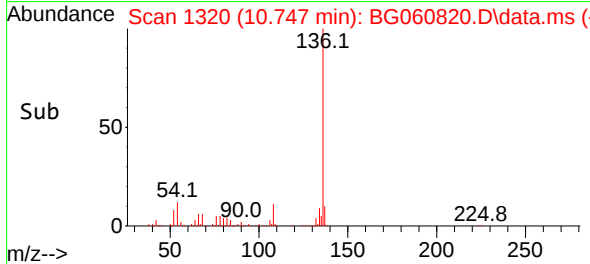
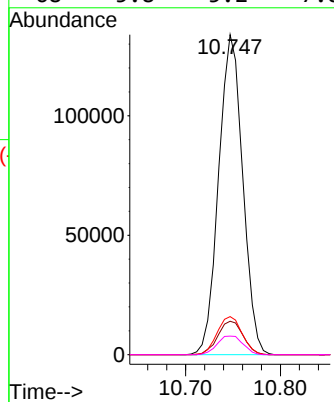


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

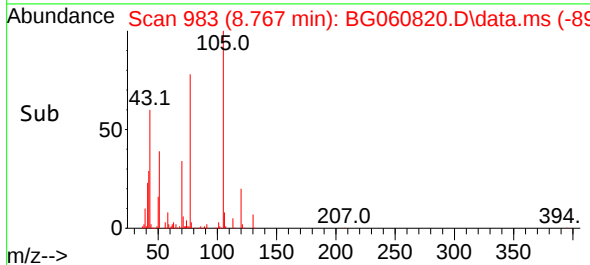
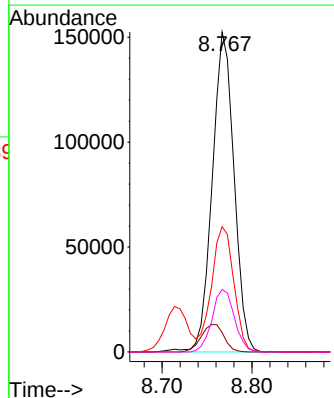
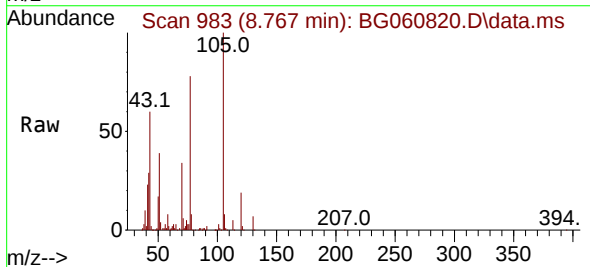


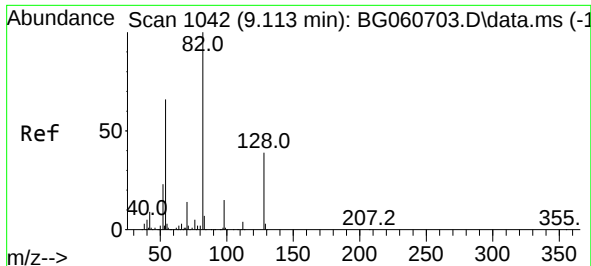
Tgt Ion:136 Resp: 236211
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 11.9 10.2 15.2
68 5.8 5.2 7.8



#22
Acetophenone
Concen: 39.275 ng
RT: 8.767 min Scan# 983
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:105 Resp: 255806
Ion Ratio Lower Upper
105 100
71 6.0 4.9 7.3
51 39.2 31.1 46.7
120 19.5 17.0 25.4

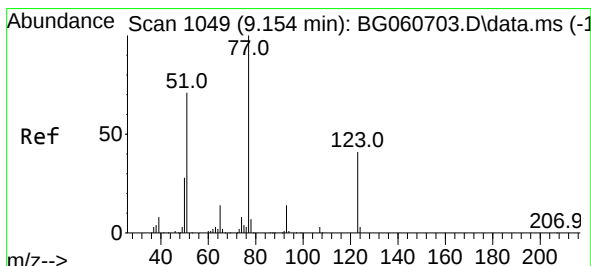
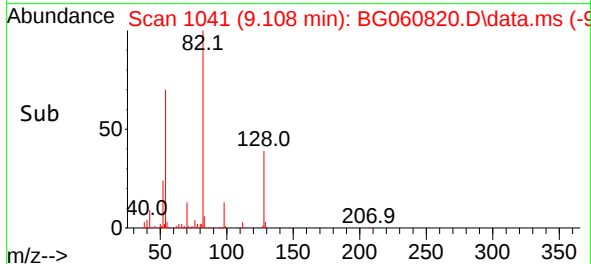
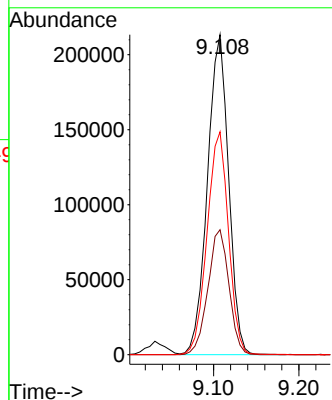
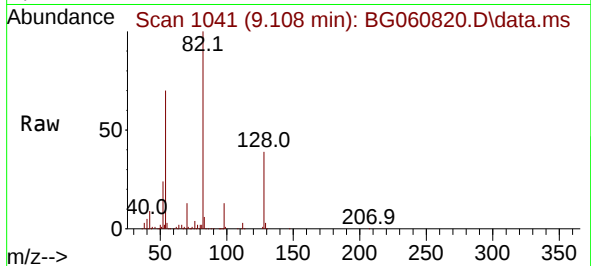




#23
Nitrobenzene-d5
Concen: 88.839 ng
RT: 9.108 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

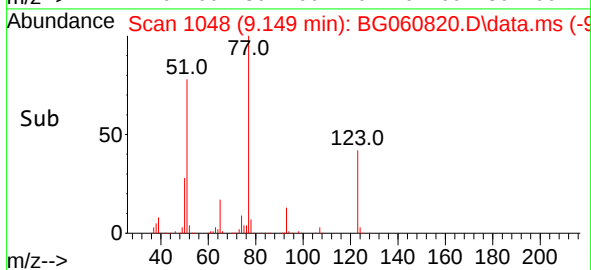
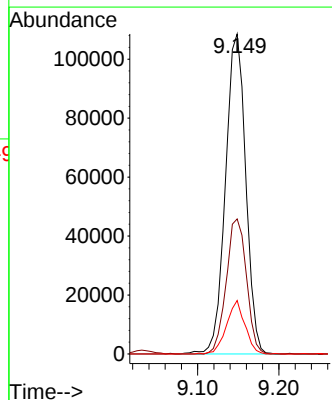
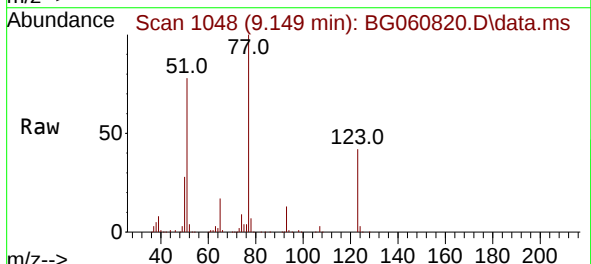
Instrument :
BNA_G
ClientSampleId :

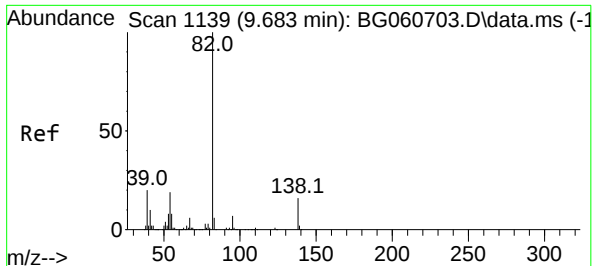
Tgt Ion: 82 Resp: 367755
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 69.7 53.2 79.8



#24
Nitrobenzene
Concen: 41.236 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

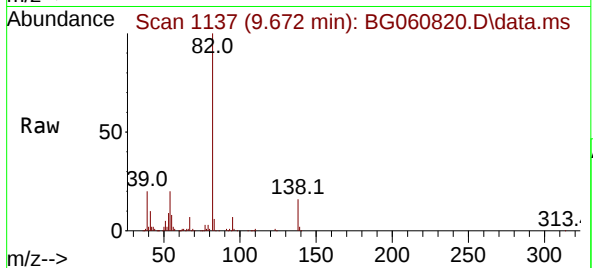
Tgt Ion: 77 Resp: 188096
Ion Ratio Lower Upper
77 100
123 42.2 32.7 49.1
65 16.7 11.3 16.9



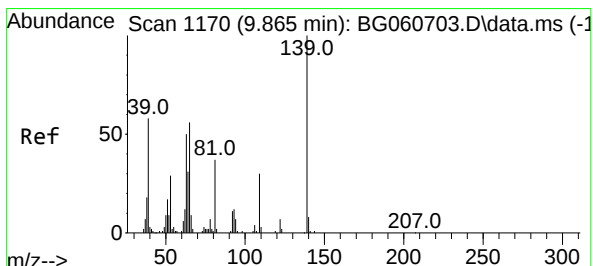
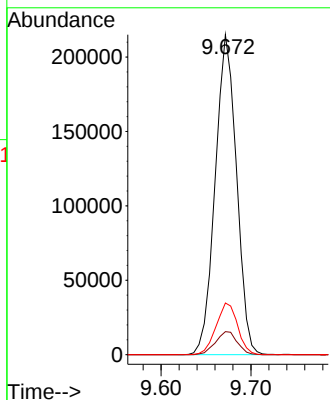
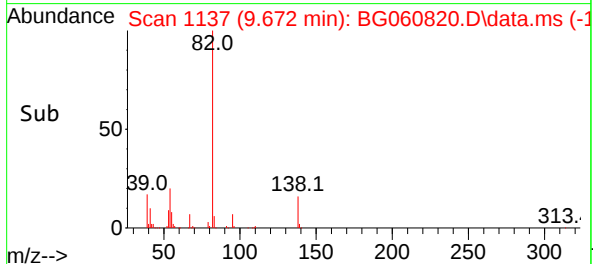


#25
Isophorone
Concen: 37.220 ng
RT: 9.672 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

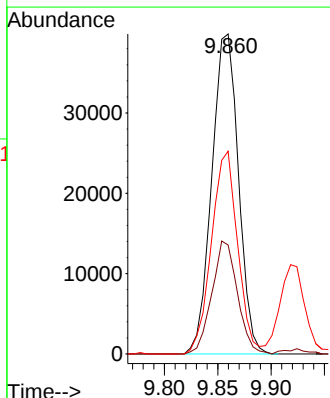
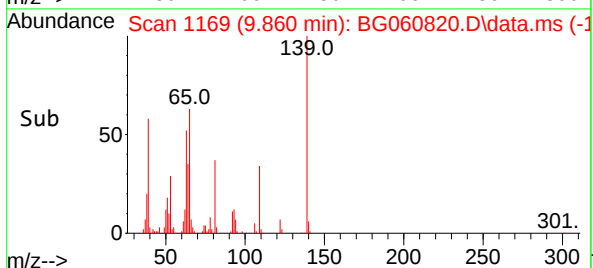
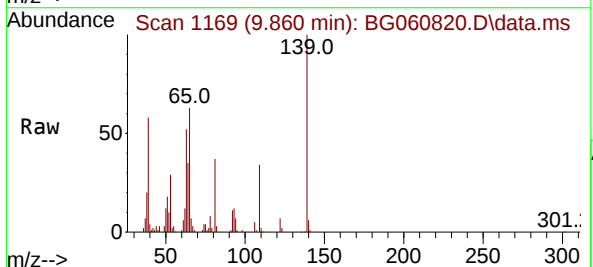


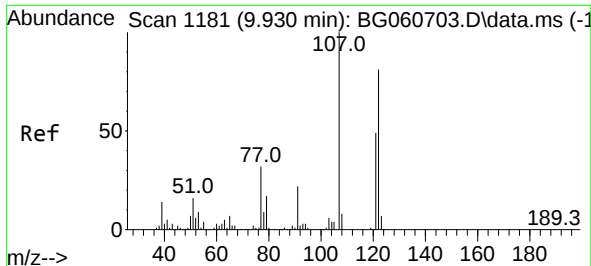
Tgt Ion: 82 Resp: 354873
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 16.2 13.0 19.4



#26
2-Nitrophenol
Concen: 43.769 ng
RT: 9.860 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:139 Resp: 69205
Ion Ratio Lower Upper
139 100
109 34.1 23.9 35.9
65 63.4 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 38.626 ng

RT: 9.918 min Scan# 1179

Delta R.T. -0.012 min

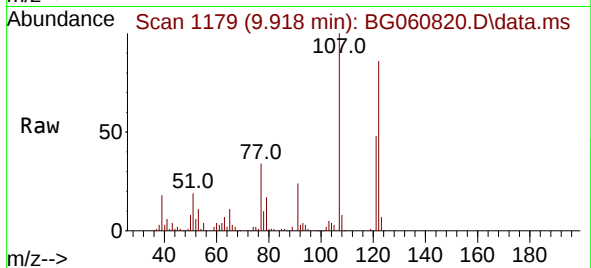
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



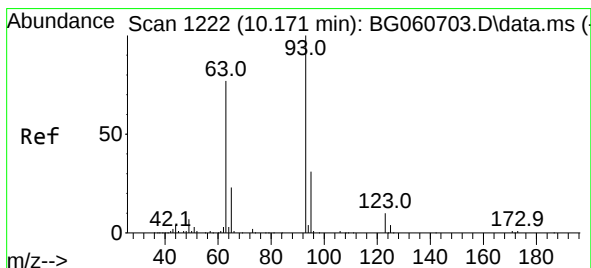
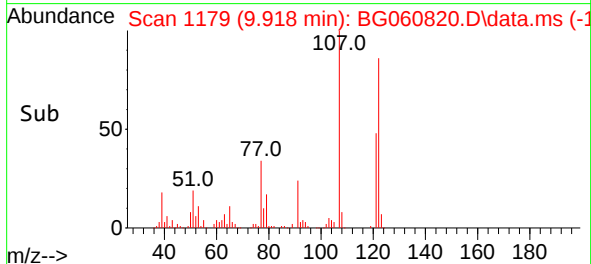
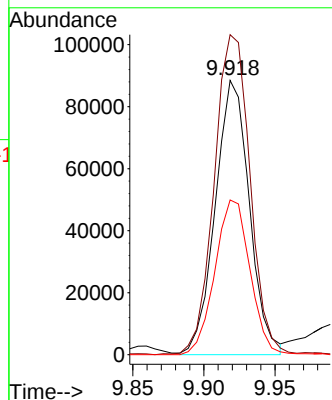
Tgt Ion:122 Resp: 147939

Ion Ratio Lower Upper

122 100

107 116.7 98.6 147.8

121 56.4 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.511 ng

RT: 10.159 min Scan# 1220

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

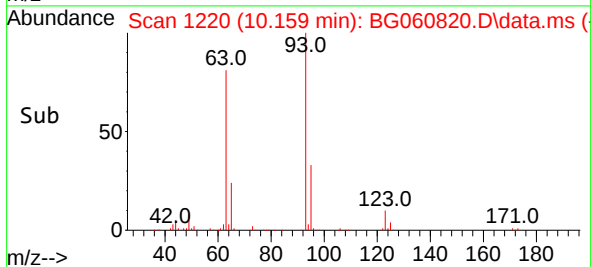
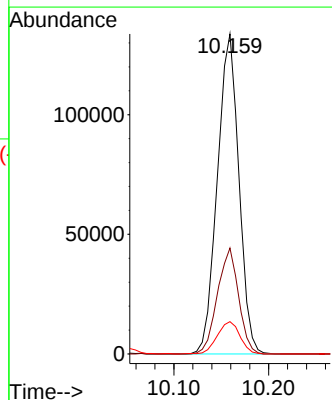
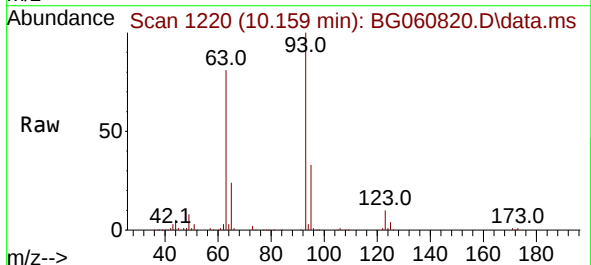
Tgt Ion: 93 Resp: 211152

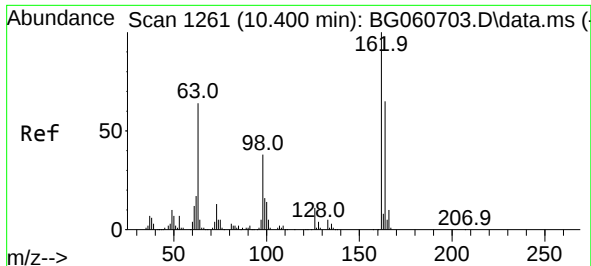
Ion Ratio Lower Upper

93 100

95 33.1 25.1 37.7

123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.883 ng

RT: 10.394 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

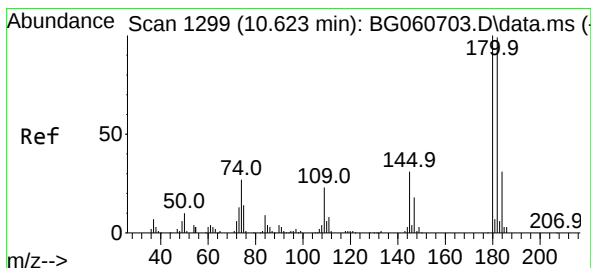
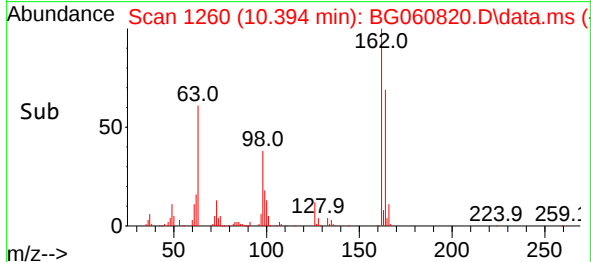
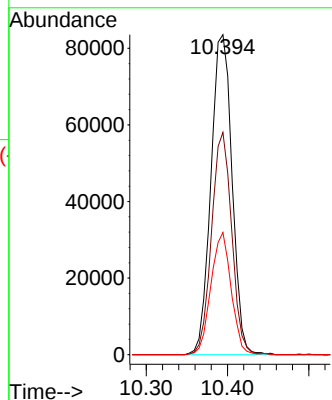
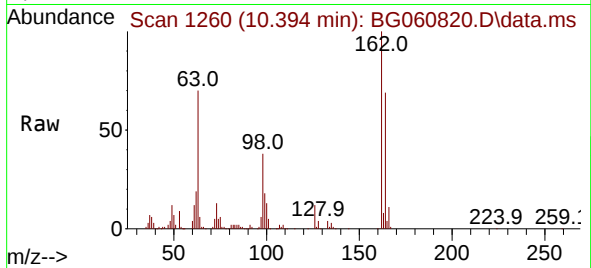
Tgt Ion:162 Resp: 150823

Ion Ratio Lower Upper

162 100

164 69.4 45.2 85.2

98 38.2 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 42.247 ng

RT: 10.612 min Scan# 1297

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

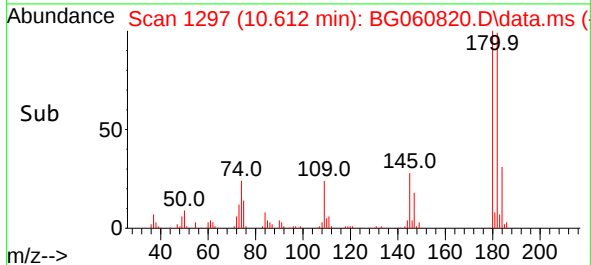
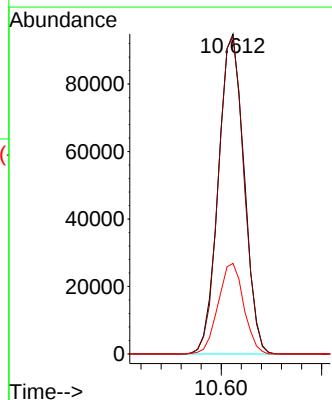
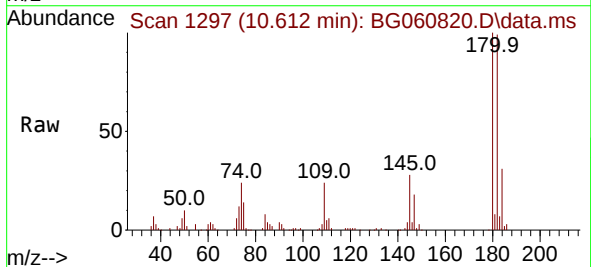
Tgt Ion:180 Resp: 168252

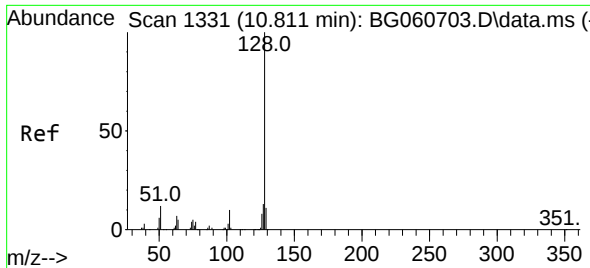
Ion Ratio Lower Upper

180 100

182 99.2 79.0 118.4

145 28.3 24.9 37.3

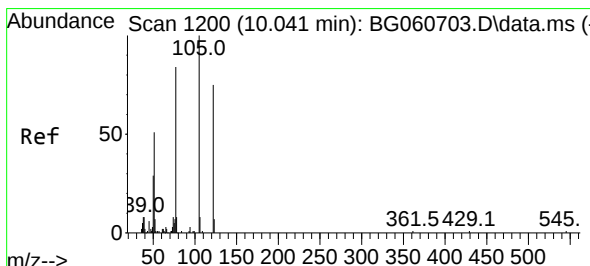
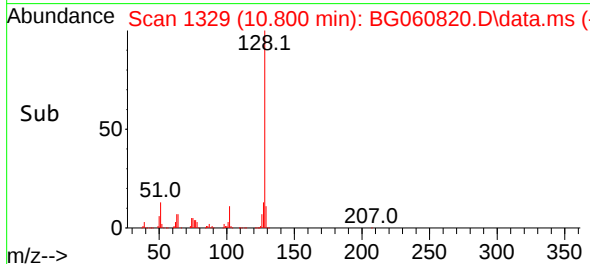
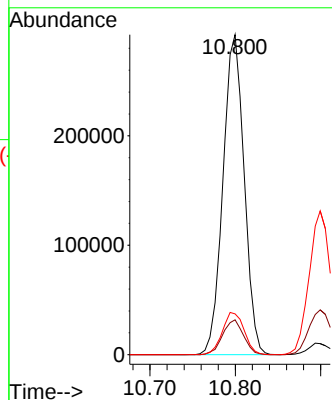
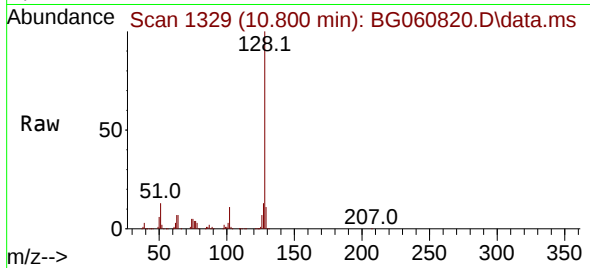




#31
Naphthalene
Concen: 39.464 ng
RT: 10.800 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

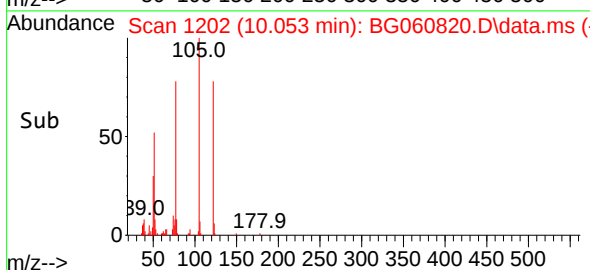
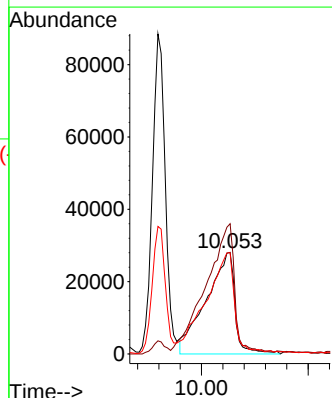
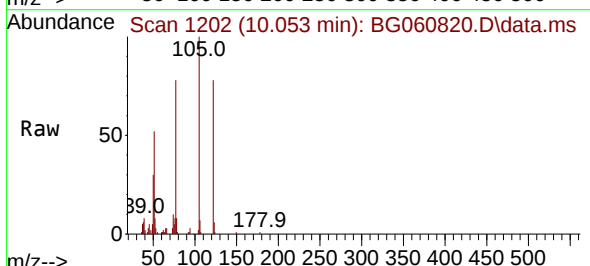
Instrument :
BNA_G
ClientSampleId :

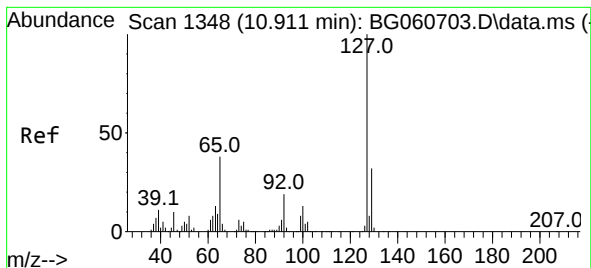
Tgt Ion:128 Resp: 504262
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 42.118 ng
RT: 10.053 min Scan# 1202
Delta R.T. 0.012 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:122 Resp: 104839
Ion Ratio Lower Upper
122 100
105 128.2 104.5 144.5
77 99.7 85.3 125.3

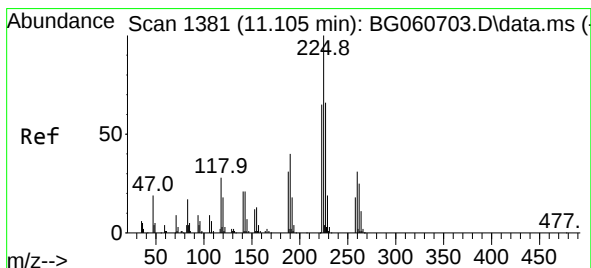
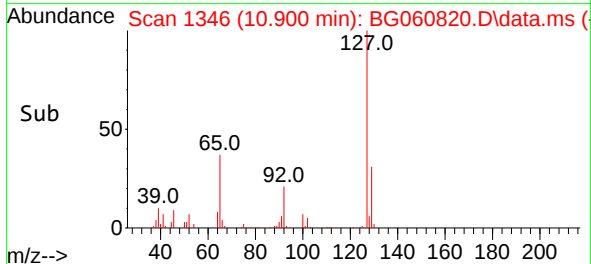
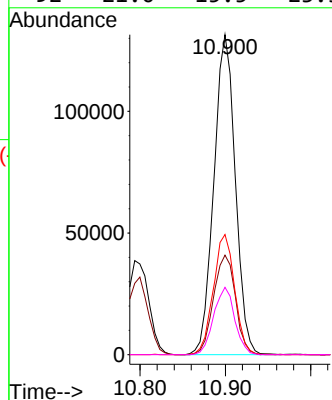
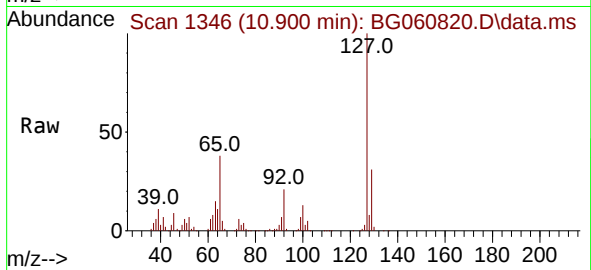




#33
4-Chloroaniline
Concen: 38.660 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

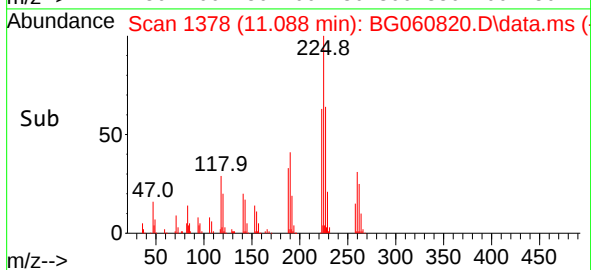
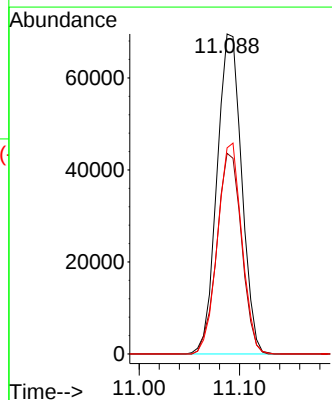
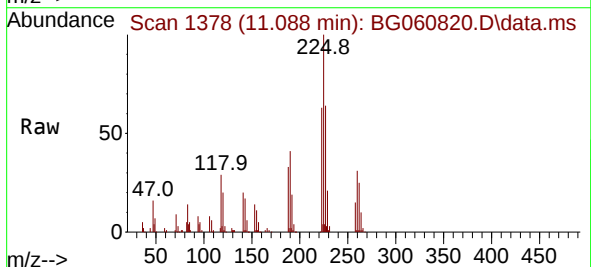
Instrument :
BNA_G
ClientSampleId :

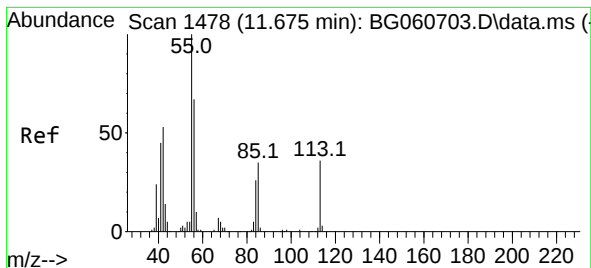
Tgt Ion:	127	Resp:	229440
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.3	37.9
65	37.6	30.2	45.2
92	21.0	15.5	23.3



#34
Hexachlorobutadiene
Concen: 44.670 ng
RT: 11.088 min Scan# 1378
Delta R.T. -0.017 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:	225	Resp:	118563
Ion Ratio	Lower	Upper	
225	100		
223	62.7	52.0	78.0
227	64.4	52.5	78.7





#35

Caprolactam

Concen: 39.140 ng

RT: 11.669 min Scan# 1478

Delta R.T. -0.005 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

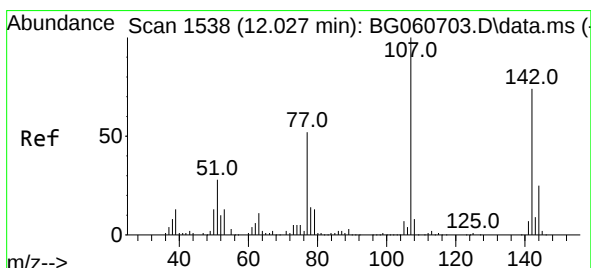
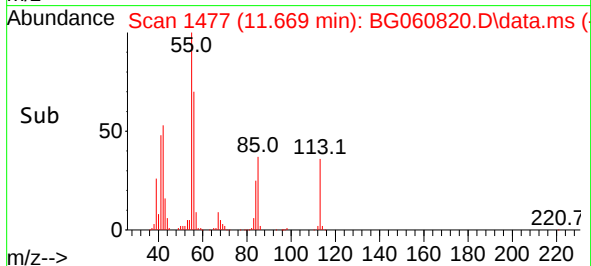
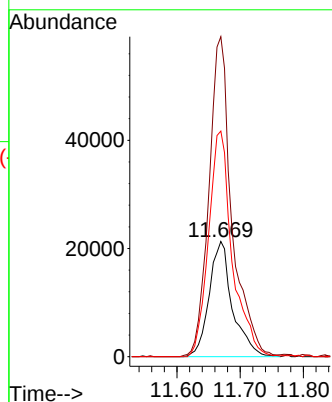
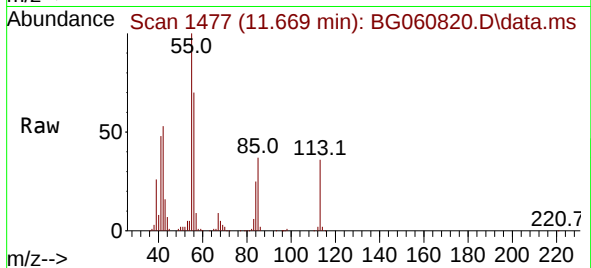
Tgt Ion:113 Resp: 54521

Ion Ratio Lower Upper

113 100

55 277.9 258.0 298.0

56 195.9 166.3 206.3



#36

4-Chloro-3-methylphenol

Concen: 40.093 ng

RT: 12.028 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

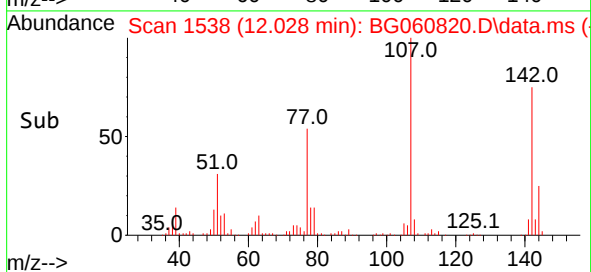
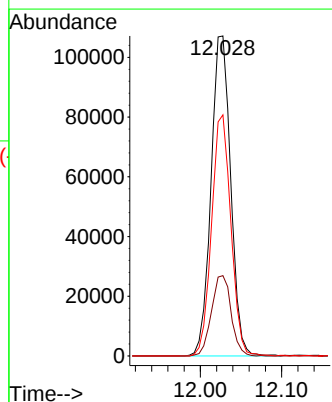
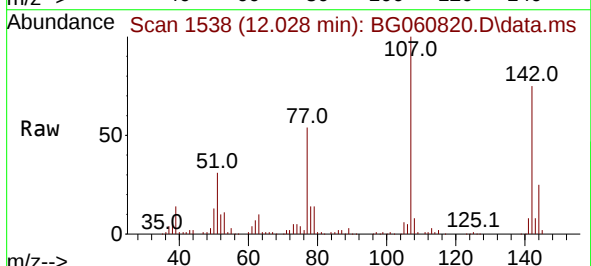
Tgt Ion:107 Resp: 180134

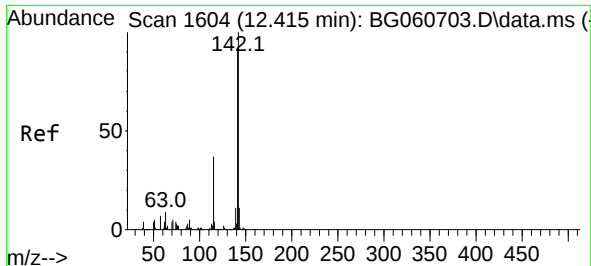
Ion Ratio Lower Upper

107 100

144 25.1 20.0 30.0

142 75.3 59.2 88.8

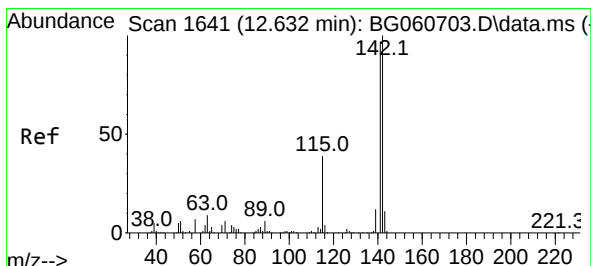
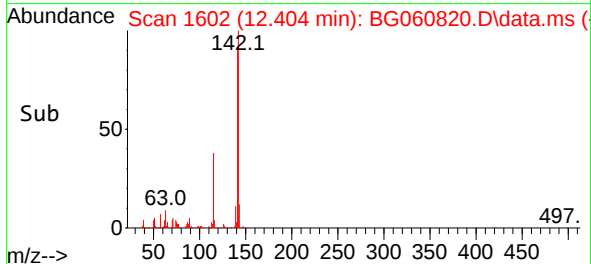
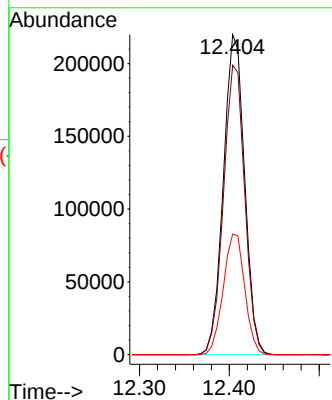
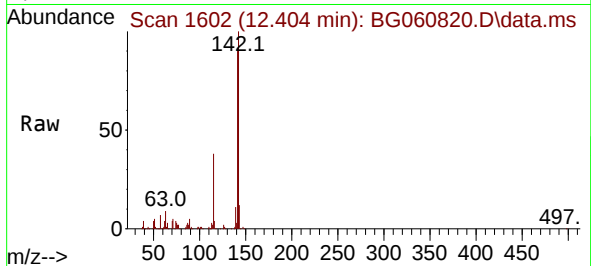




#37
2-Methylnaphthalene
Concen: 38.374 ng
RT: 12.404 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

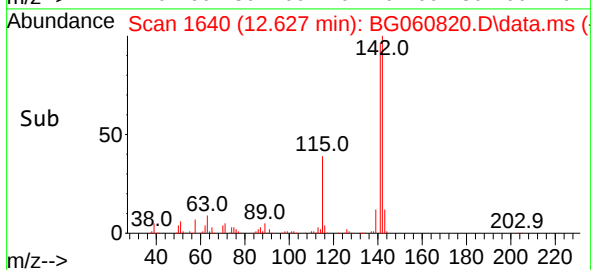
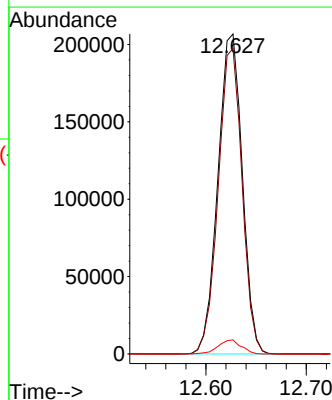
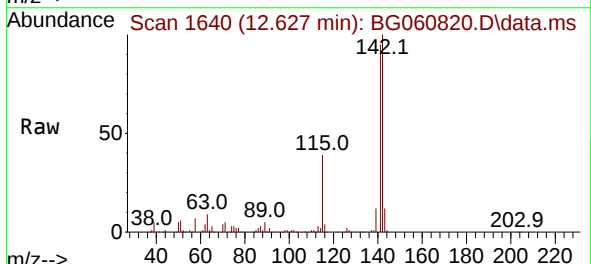
Instrument :
BNA_G
ClientSampleId :

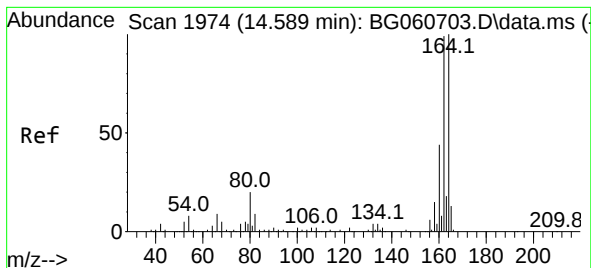
Tgt Ion:142 Resp: 360490
Ion Ratio Lower Upper
142 100
141 90.5 72.7 109.1
115 37.7 29.9 44.9



#38
1-Methylnaphthalene
Concen: 39.282 ng
RT: 12.627 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:142 Resp: 348608
Ion Ratio Lower Upper
142 100
141 95.5 77.7 116.5
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1974

Delta R.T. -0.006 min

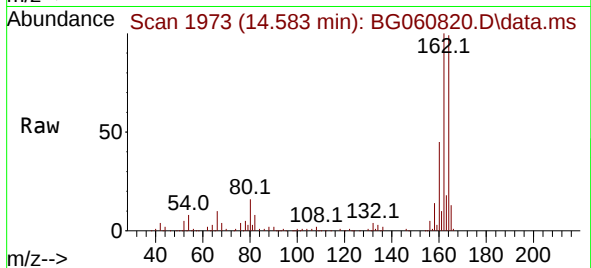
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



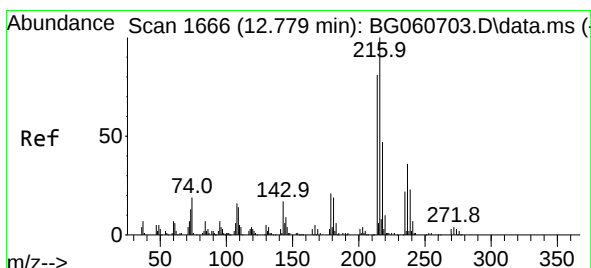
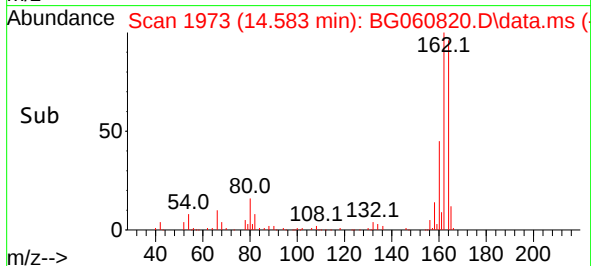
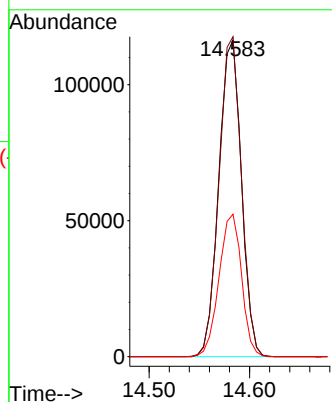
Tgt Ion:164 Resp: 182118

Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 45.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.051 ng

RT: 12.774 min Scan# 1665

Delta R.T. -0.005 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Tgt Ion:216 Resp: 225404

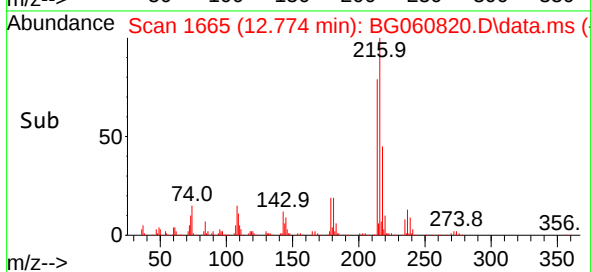
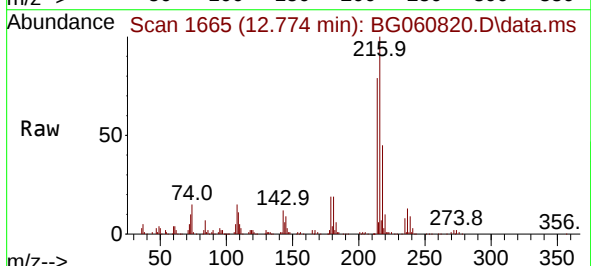
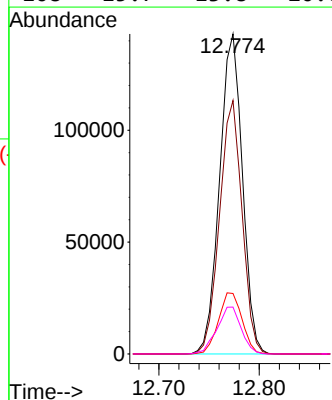
Ion Ratio Lower Upper

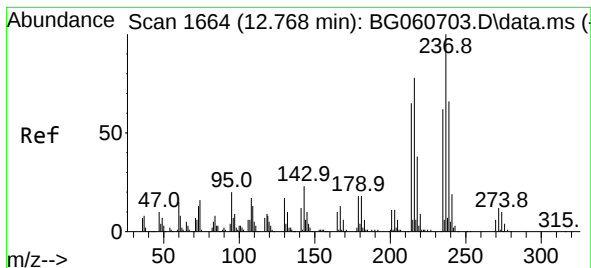
216 100

214 78.1 63.1 94.7

179 19.8 16.7 25.1

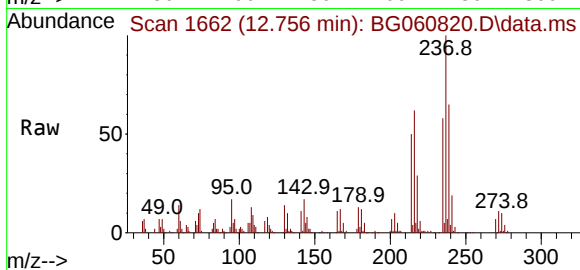
108 15.7 13.8 20.6



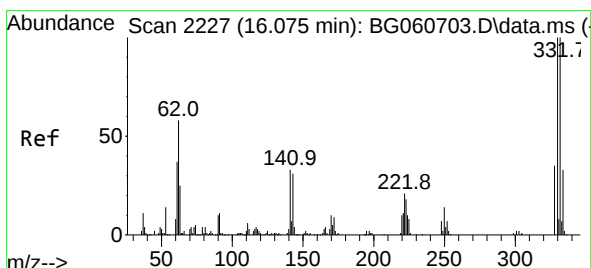
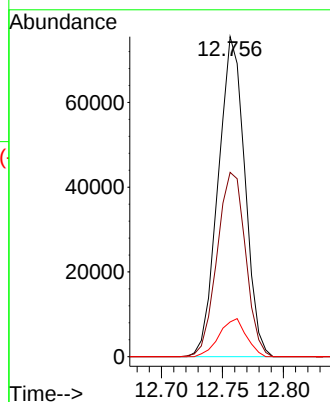
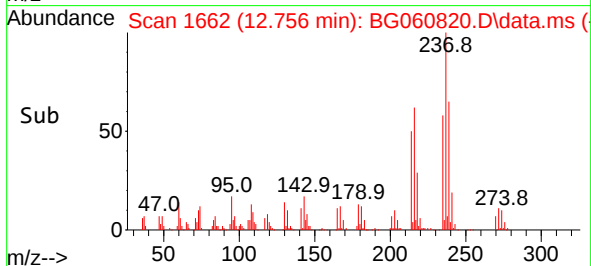


#41
Hexachlorocyclopentadiene
Concen: 43.149 ng
RT: 12.756 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

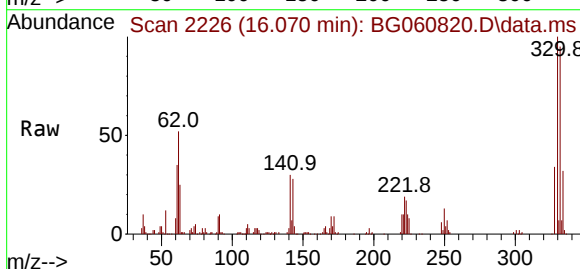
Instrument :
BNA_G
ClientSampleId :



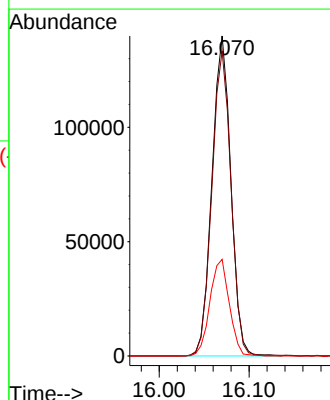
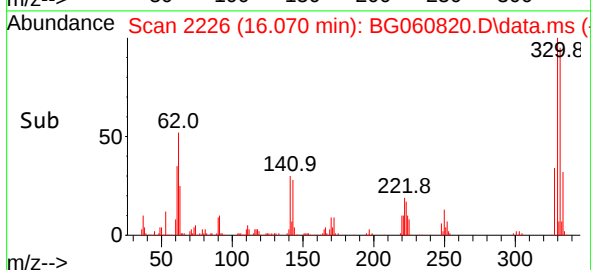
Tgt Ion:237 Resp: 114872
Ion Ratio Lower Upper
237 100
235 57.6 42.0 82.0
272 10.9 0.0 32.4

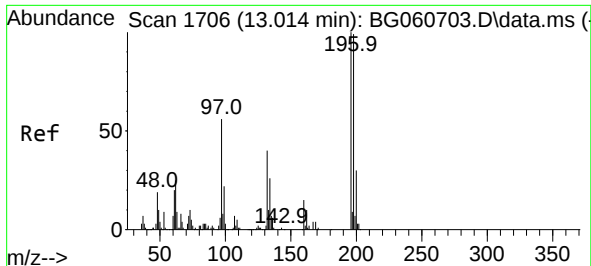


#42
2,4,6-Tribromophenol
Concen: 98.565 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04



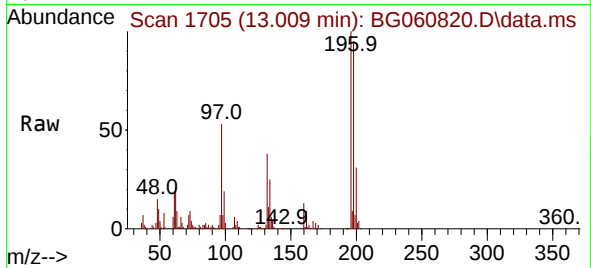
Tgt Ion:330 Resp: 203766
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 31.0 27.0 40.6



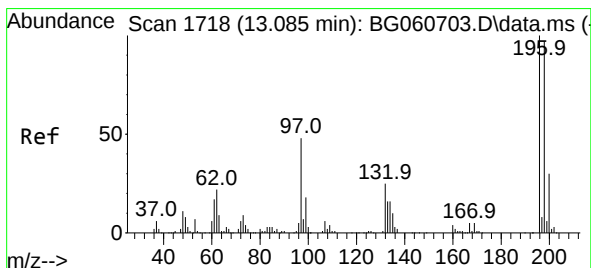
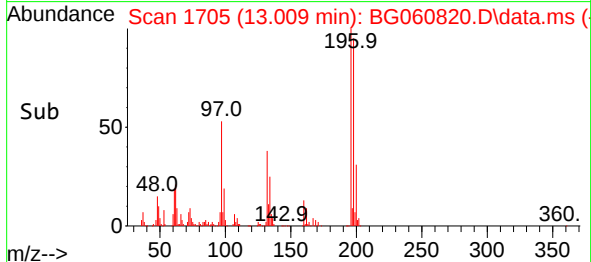
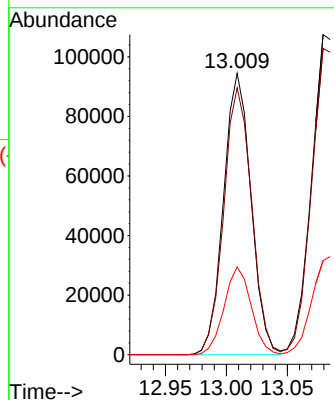


#43
2,4,6-Trichlorophenol
Concen: 44.070 ng
RT: 13.009 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

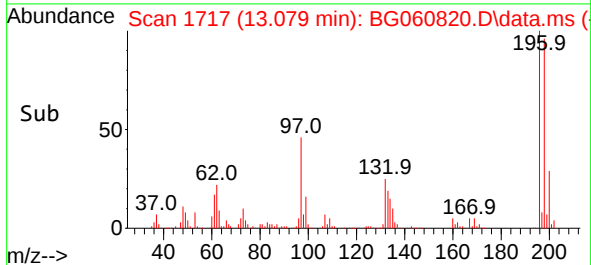
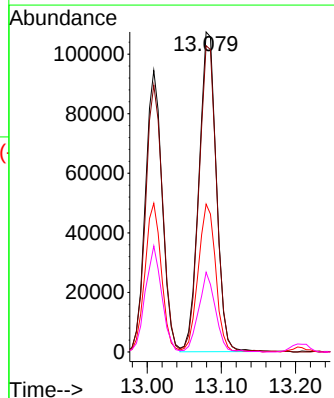
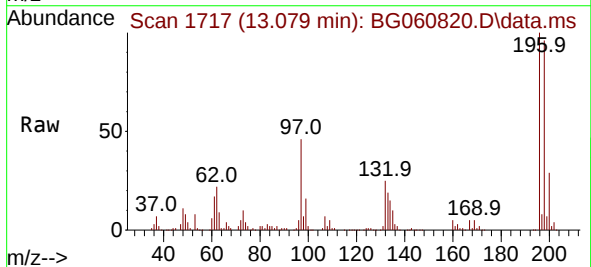


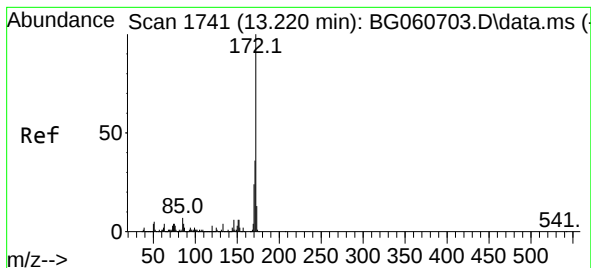
Tgt Ion:196 Resp: 148573
Ion Ratio Lower Upper
196 100
198 94.9 79.1 118.7
200 31.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 43.543 ng
RT: 13.079 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:196 Resp: 175188
Ion Ratio Lower Upper
196 100
198 95.7 77.8 116.8
97 46.2 38.2 57.4
132 24.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 80.559 ng

RT: 13.209 min Scan# 1

Delta R.T. -0.011 min

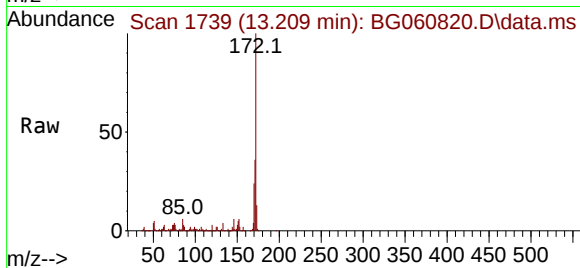
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



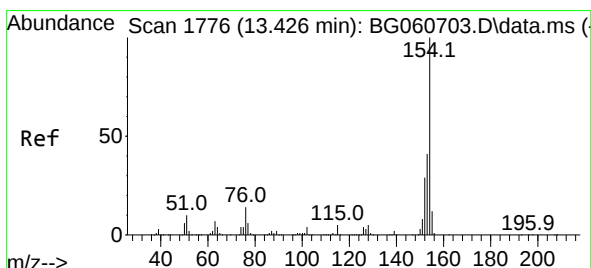
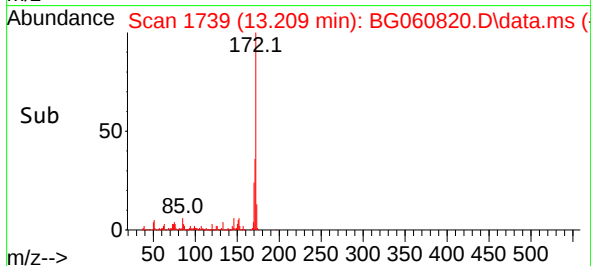
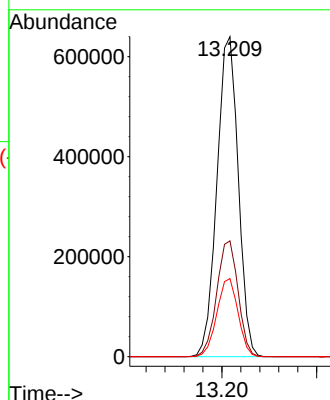
Tgt Ion:172 Resp: 999660

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.4 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.892 ng

RT: 13.414 min Scan# 1774

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

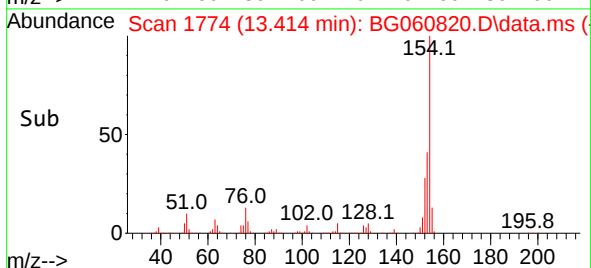
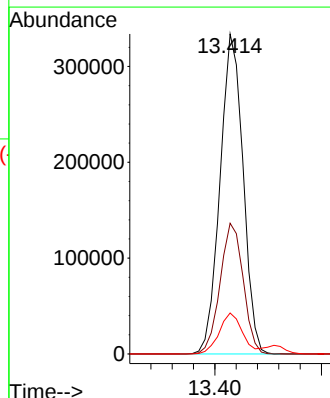
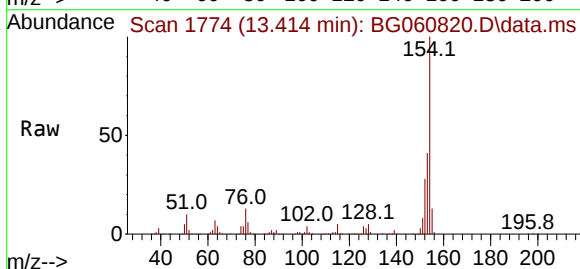
Tgt Ion:154 Resp: 500288

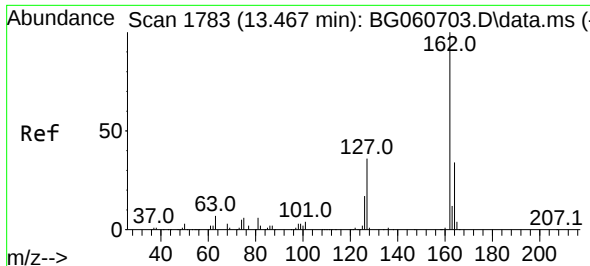
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

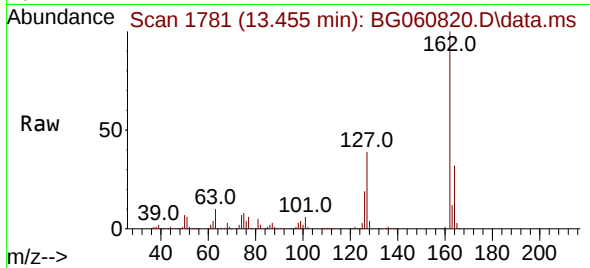
76 12.8 0.0 33.9



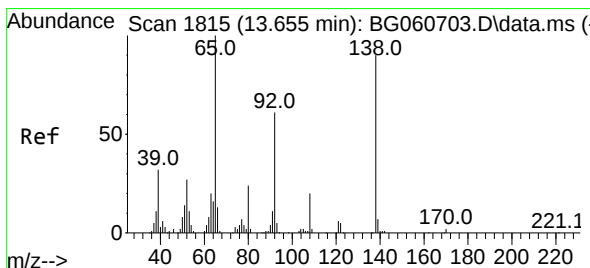
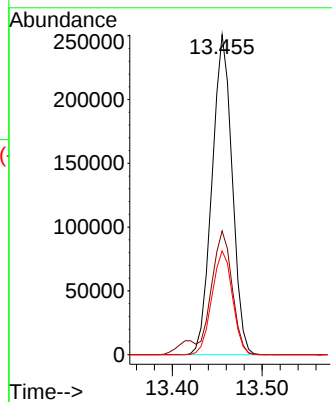
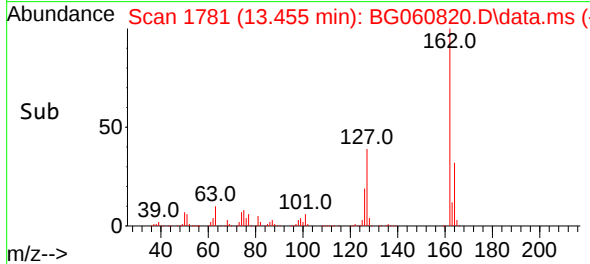


#47
2-Chloronaphthalene
Concen: 39.911 ng
RT: 13.455 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

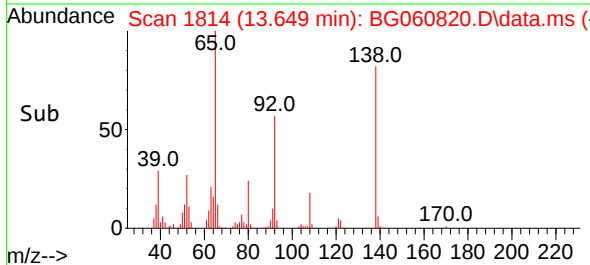
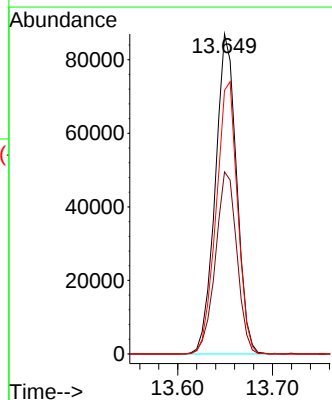
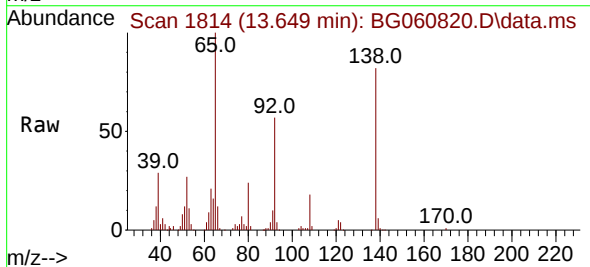


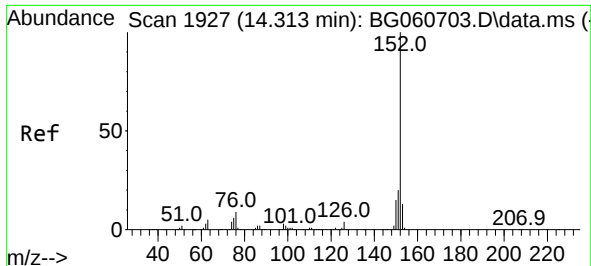
Tgt Ion:162 Resp: 390063
Ion Ratio Lower Upper
162 100
127 38.7 30.6 46.0
164 32.5 26.9 40.3



#48
2-Nitroaniline
Concen: 43.573 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

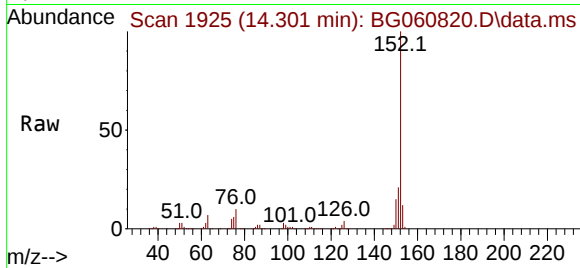
Tgt Ion: 65 Resp: 135726
Ion Ratio Lower Upper
65 100
92 56.9 48.6 72.8
138 82.3 72.2 108.4



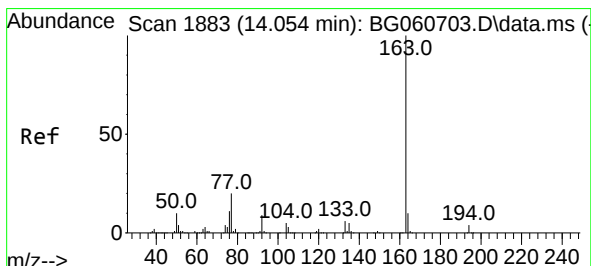
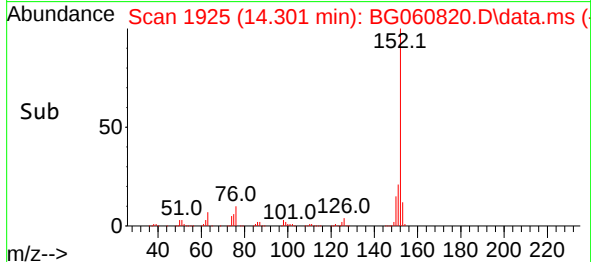
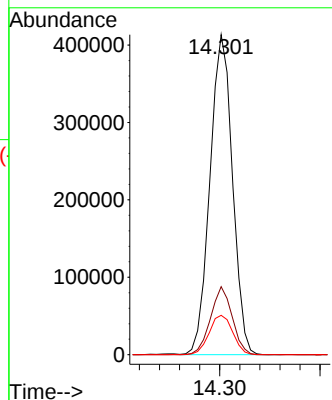


#49
Acenaphthylene
Concen: 39.178 ng
RT: 14.301 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

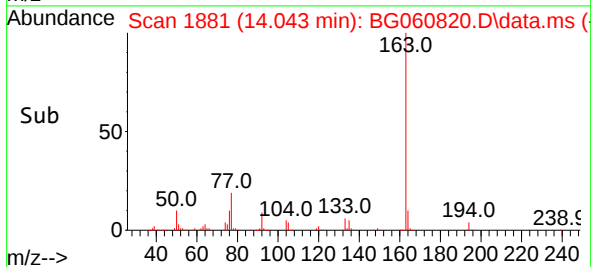
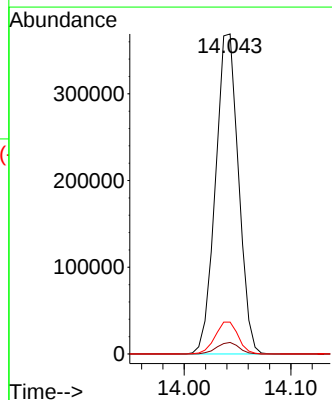
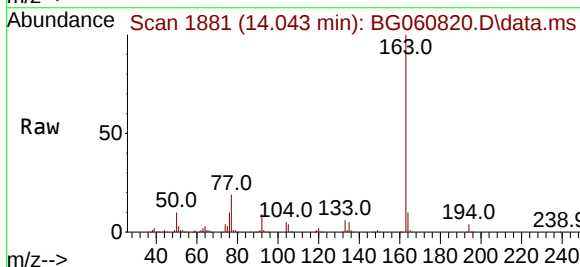


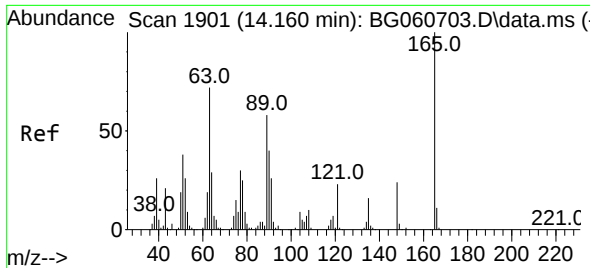
Tgt Ion:152 Resp: 643376
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 12.3 10.5 15.7



#50
Dimethylphthalate
Concen: 38.360 ng
RT: 14.043 min Scan# 1881
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:163 Resp: 552183
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 7.9 11.9

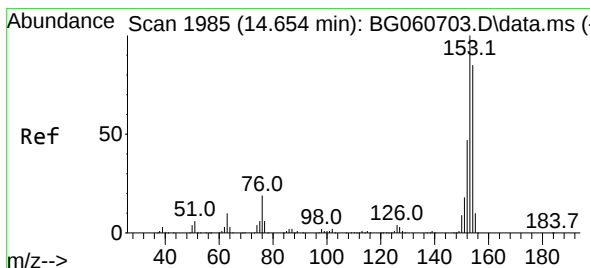
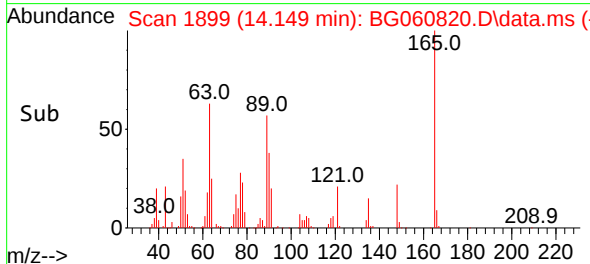
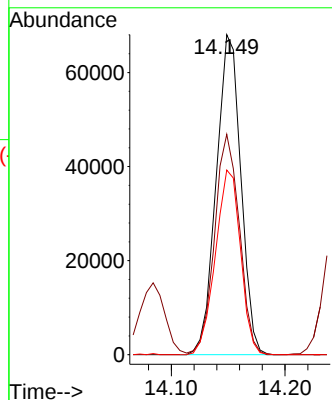
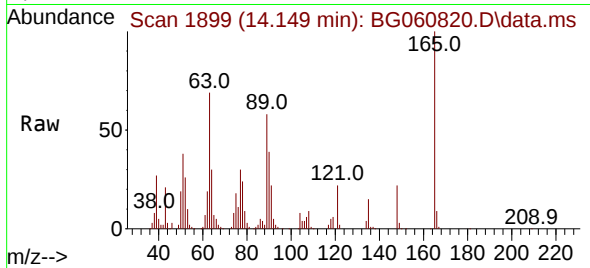




#51
2,6-Dinitrotoluene
Concen: 40.367 ng
RT: 14.149 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

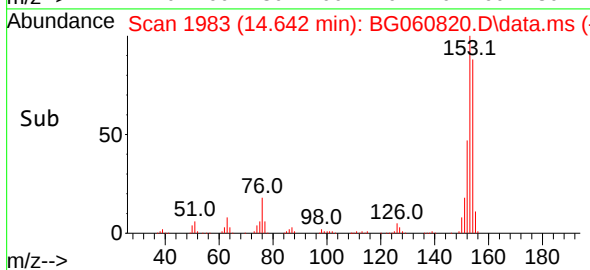
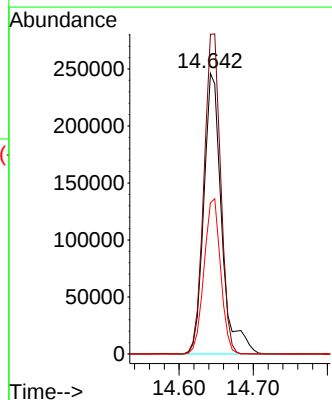
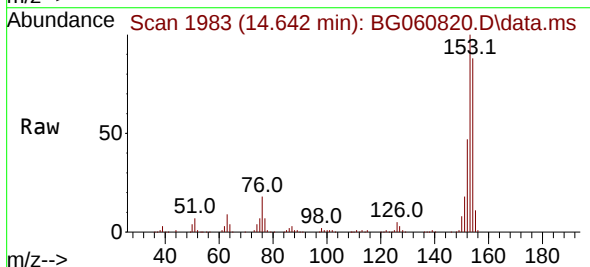
Instrument :
BNA_G
ClientSampleId :

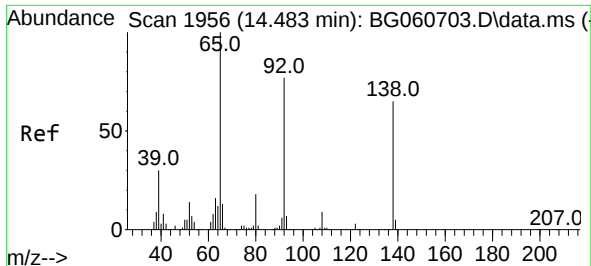
Tgt Ion:165 Resp: 102495
Ion Ratio Lower Upper
165 100
63 68.8 58.2 87.4
89 57.7 46.1 69.1



#52
Acenaphthene
Concen: 39.766 ng
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:154 Resp: 410008
Ion Ratio Lower Upper
154 100
153 113.9 93.9 140.9
152 53.8 44.1 66.1

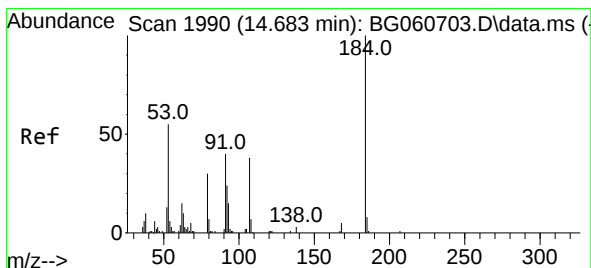
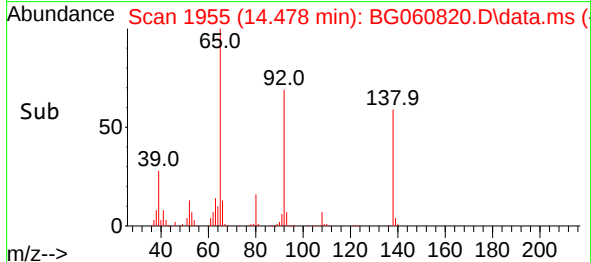
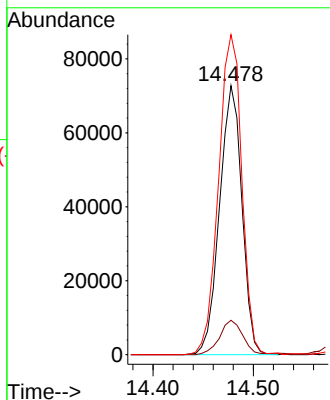
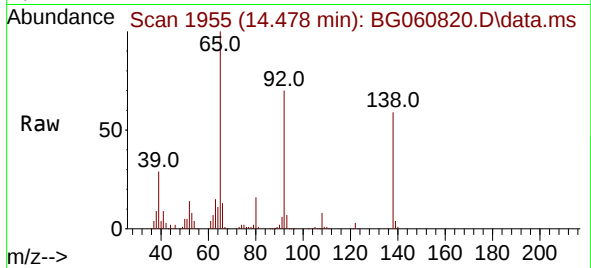




#53
3-Nitroaniline
Concen: 40.190 ng
RT: 14.478 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

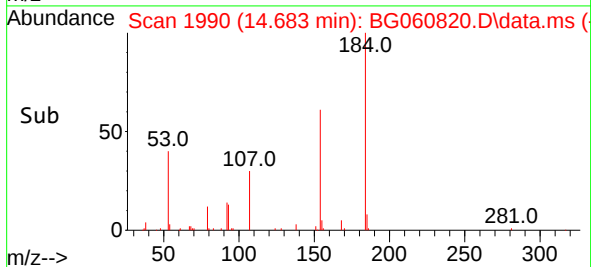
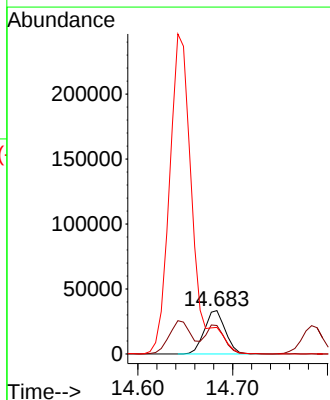
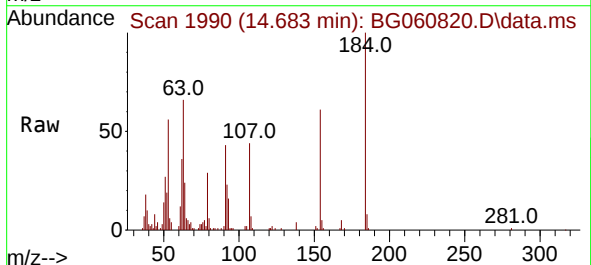
Instrument :
BNA_G
ClientSampleId :

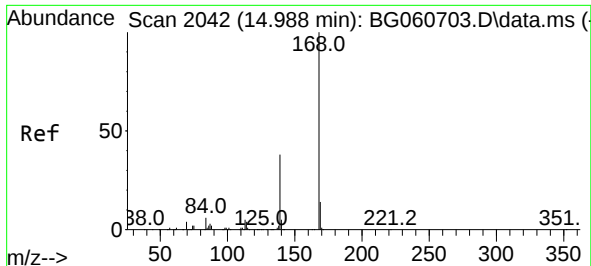
Tgt Ion:138 Resp: 112235
Ion Ratio Lower Upper
138 100
108 12.8 11.3 16.9
92 119.0 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 50.808 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:184 Resp: 50908
Ion Ratio Lower Upper
184 100
63 65.8 51.3 76.9
154 61.4 59.9 89.9

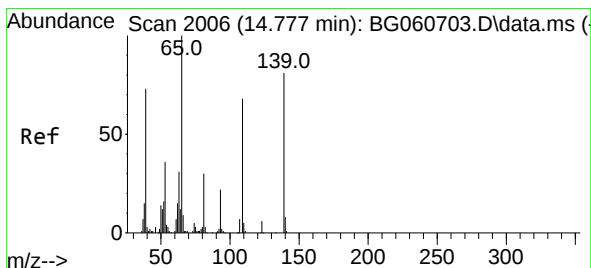
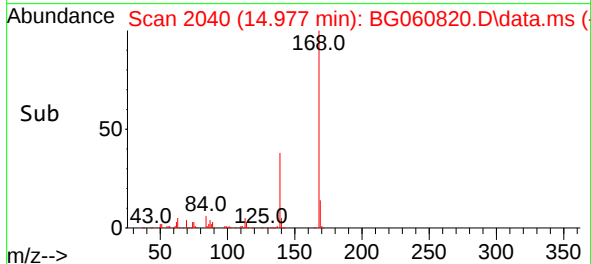
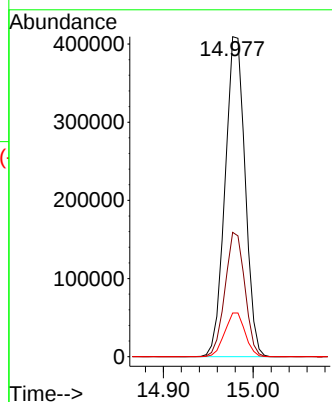
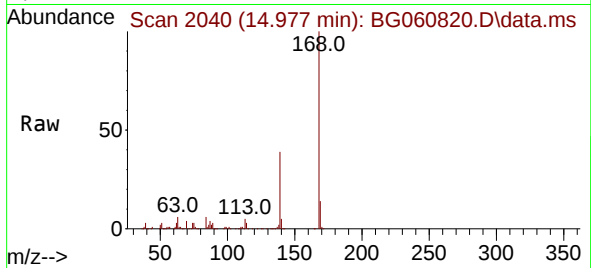




#55
Dibenzofuran
Concen: 39.011 ng
RT: 14.977 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

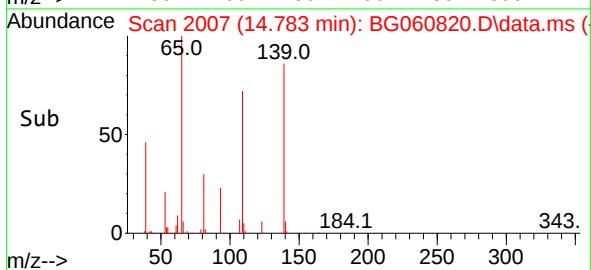
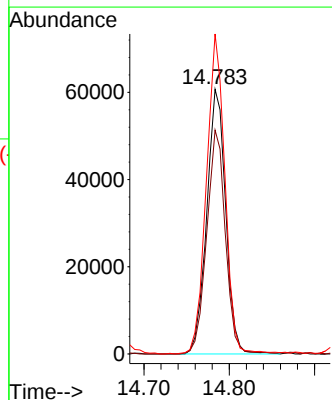
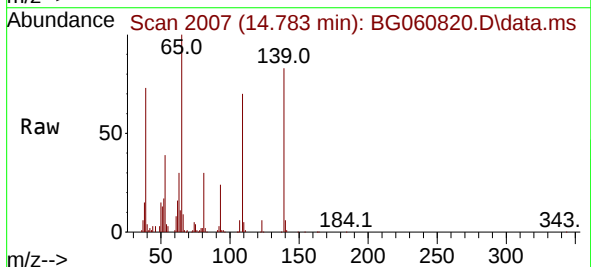
Instrument :
BNA_G
ClientSampleId :

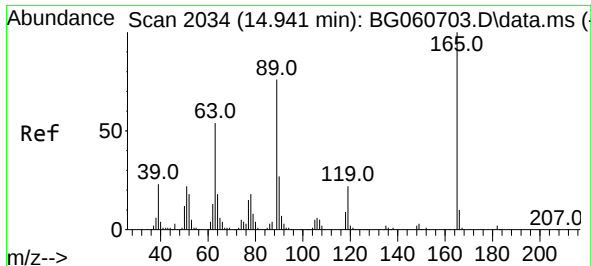
Tgt Ion:168 Resp: 634450
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 44.607 ng
RT: 14.783 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:139 Resp: 93869
Ion Ratio Lower Upper
139 100
109 84.5 64.0 104.0
65 120.9 104.3 144.3





#57

2,4-Dinitrotoluene

Concen: 42.909 ng

RT: 14.936 min Scan# 2034

Delta R.T. -0.005 min

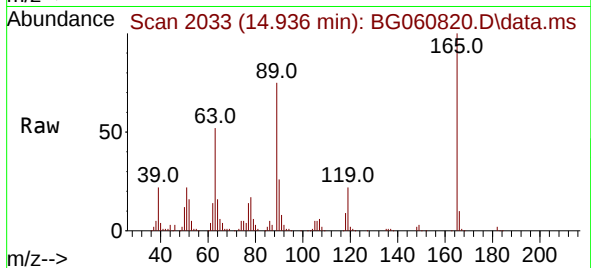
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 141782

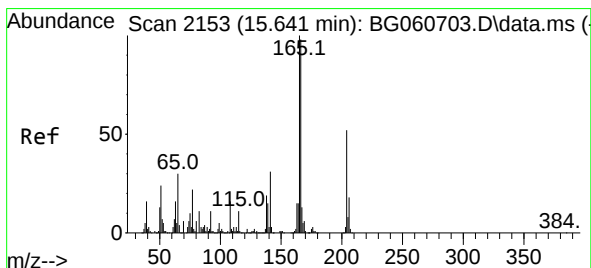
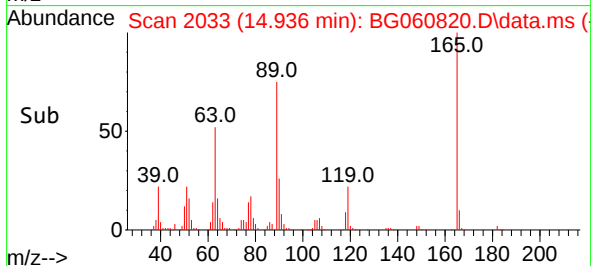
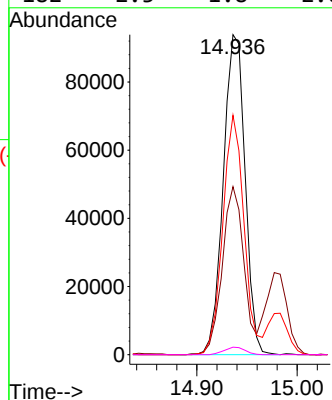
Ion Ratio Lower Upper

165 100

63 52.5 43.4 65.0

89 74.8 61.0 91.6

182 2.3 1.8 2.6



#58

Fluorene

Concen: 39.564 ng

RT: 15.629 min Scan# 2151

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

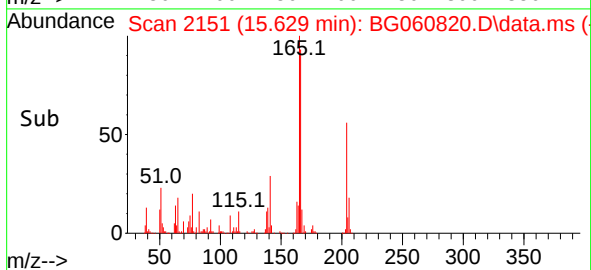
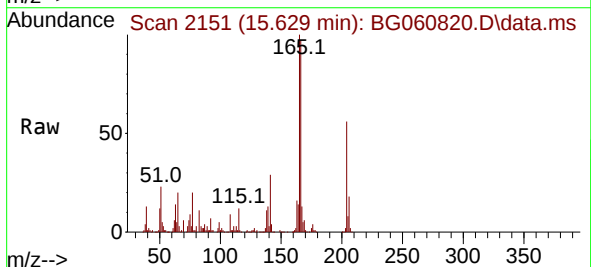
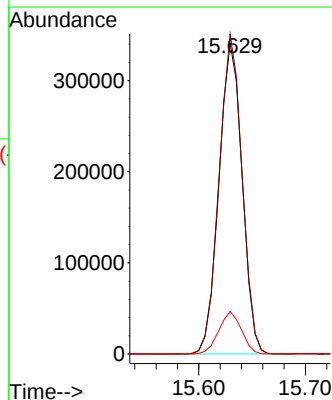
Tgt Ion:166 Resp: 516409

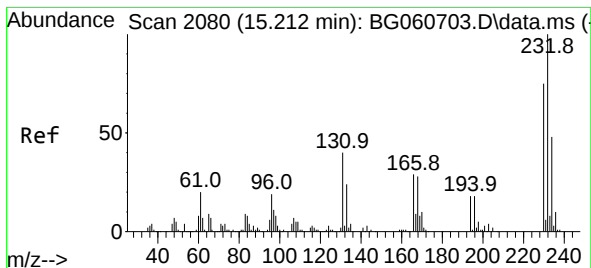
Ion Ratio Lower Upper

166 100

165 102.9 81.8 122.8

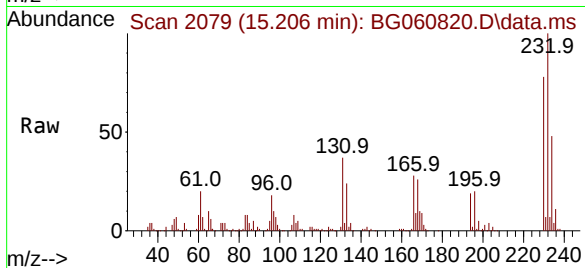
167 13.7 10.9 16.3



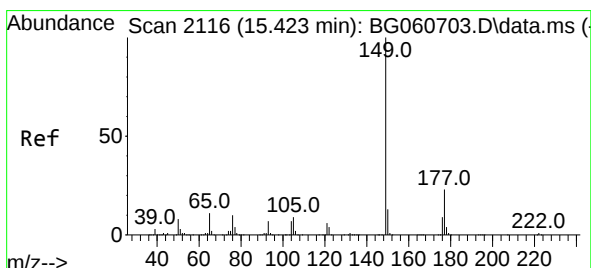
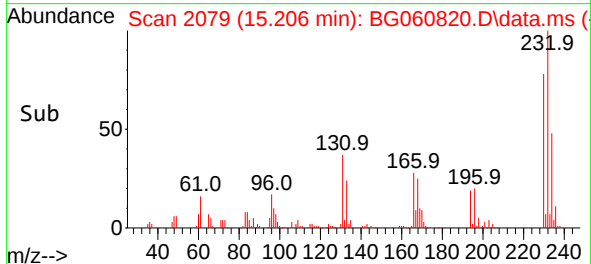
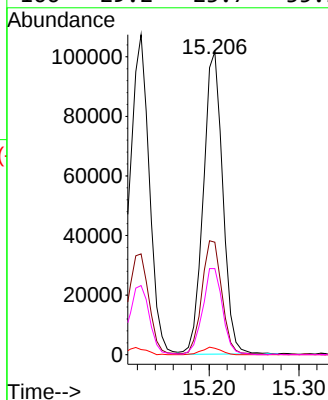


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.509 ng
RT: 15.206 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

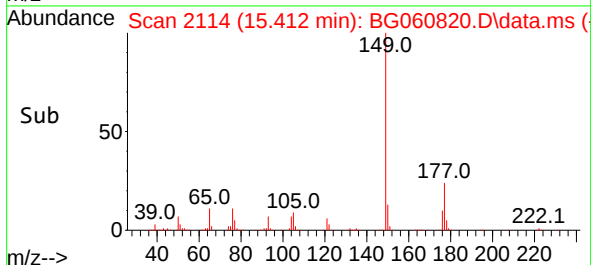
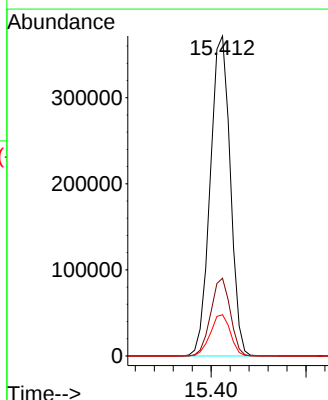
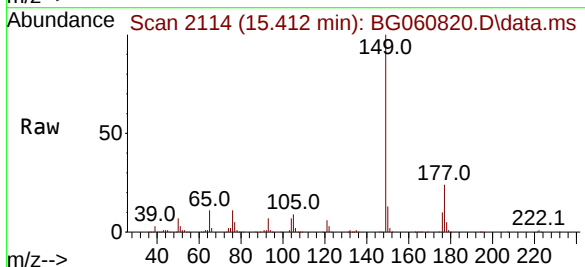


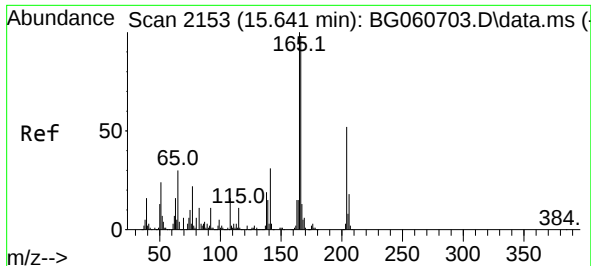
Tgt Ion:232 Resp: 152553
Ion Ratio Lower Upper
232 100
131 39.0 32.2 48.2
130 2.4 2.1 3.1
166 29.2 23.7 35.5



#60
Diethylphthalate
Concen: 37.578 ng
RT: 15.412 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:149 Resp: 544216
Ion Ratio Lower Upper
149 100
177 24.3 18.0 27.0
150 12.9 10.2 15.4

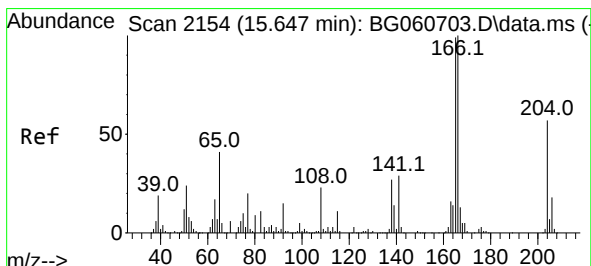
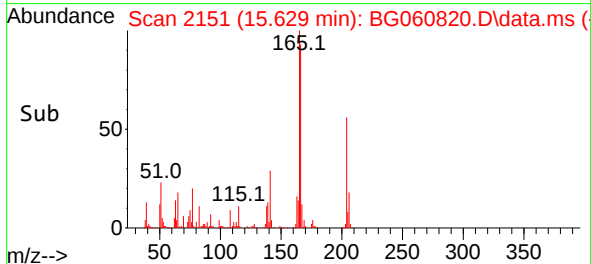
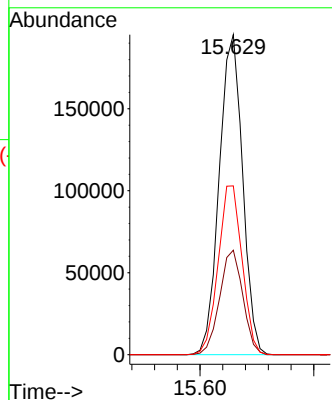
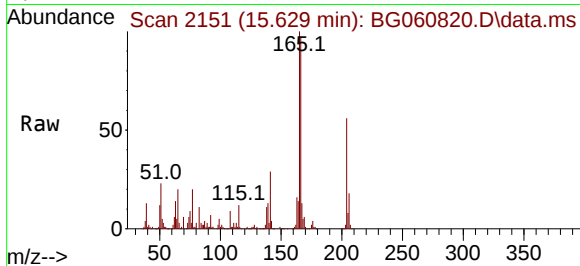




#61
4-Chlorophenyl-phenylether
Concen: 40.354 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

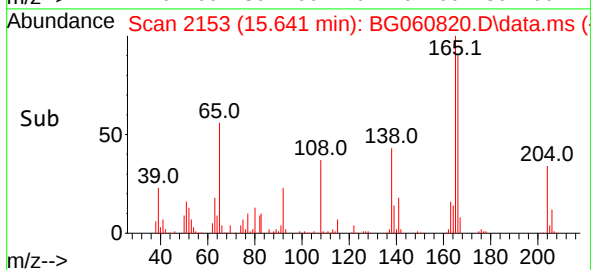
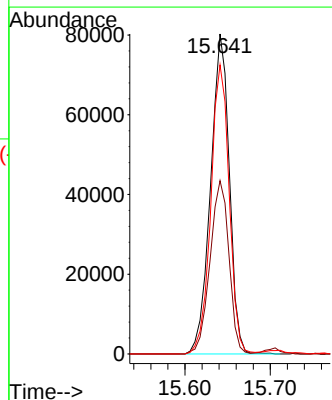
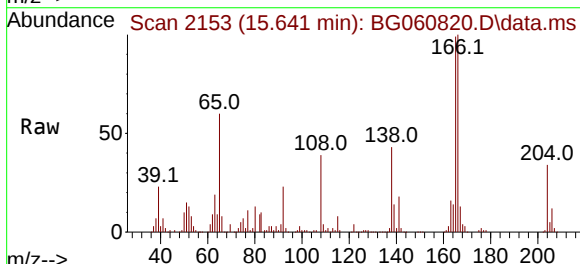
Instrument :
BNA_G
ClientSampleId :

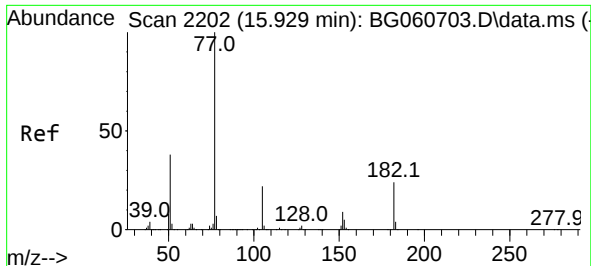
Tgt Ion:204 Resp: 278659
Ion Ratio Lower Upper
204 100
206 32.6 28.3 42.5
141 52.8 47.2 70.8



#62
4-Nitroaniline
Concen: 46.532 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

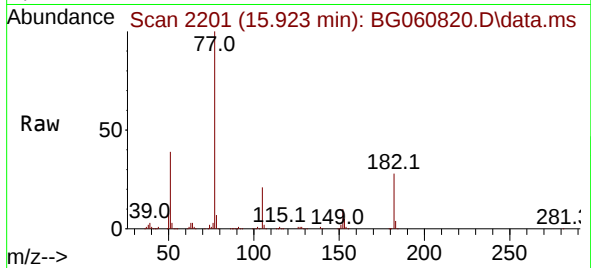
Tgt Ion:138 Resp: 122464
Ion Ratio Lower Upper
138 100
92 54.1 36.8 76.8
108 90.4 66.9 106.9



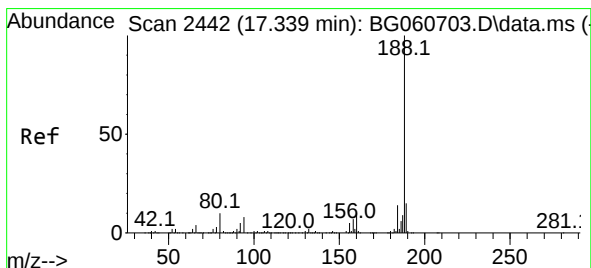
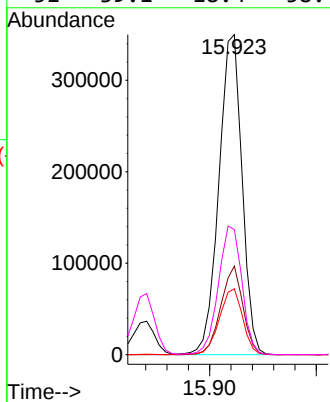
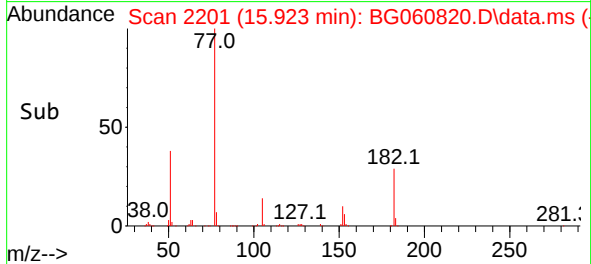


#63
Azobenzene
Concen: 37.475 ng
RT: 15.923 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

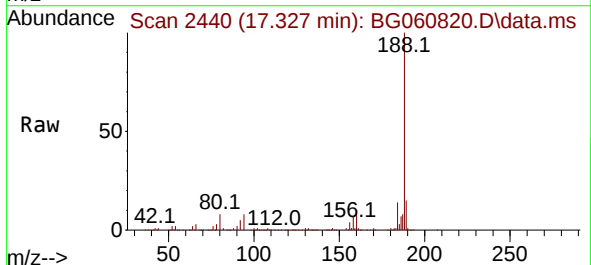
Instrument :
BNA_G
ClientSampleId :



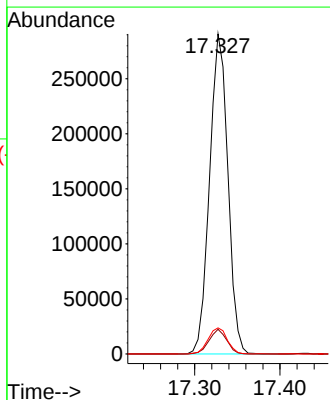
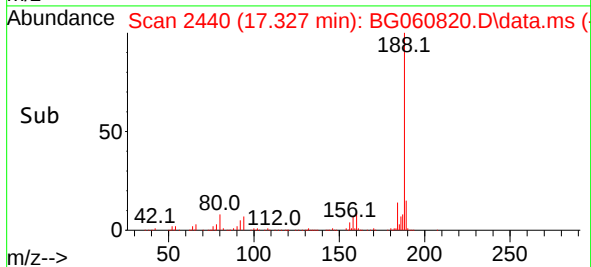
Tgt Ion: 77	Resp: 528859
Ion Ratio	Lower Upper
77 100	
182 27.7	3.9 43.9
105 20.6	1.7 41.7
51 39.1	18.4 58.4

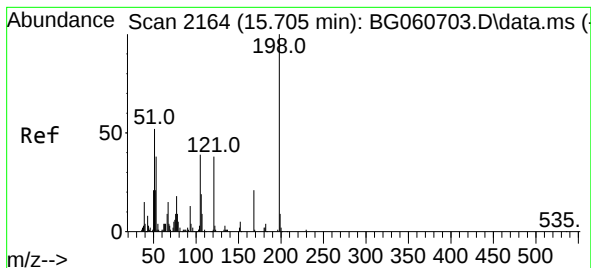


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04



Tgt Ion:188	Resp: 433264
Ion Ratio	Lower Upper
188 100	
94 7.7	6.6 9.8
80 8.2	7.6 11.4

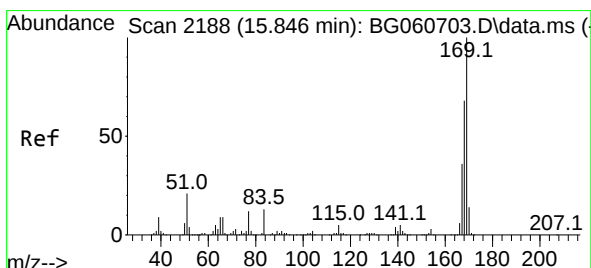
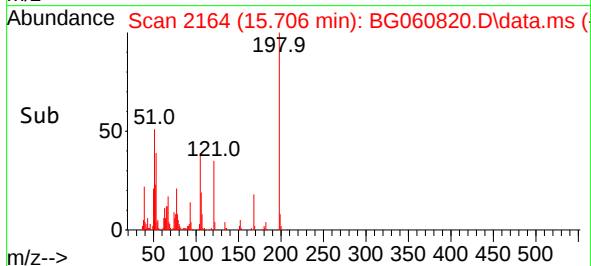
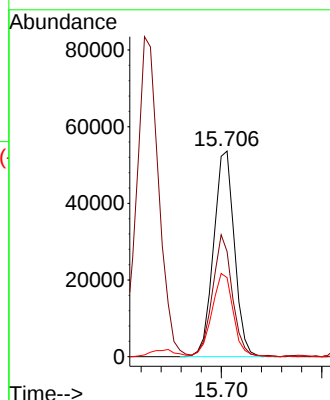
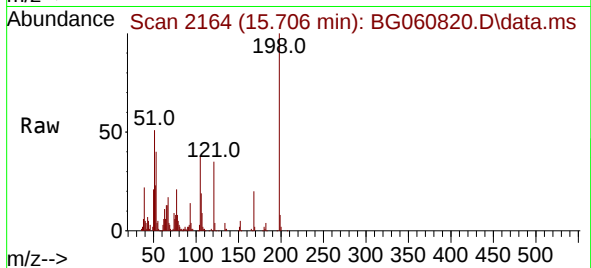




#65
4,6-Dinitro-2-methylphenol
Concen: 43.735 ng
RT: 15.706 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

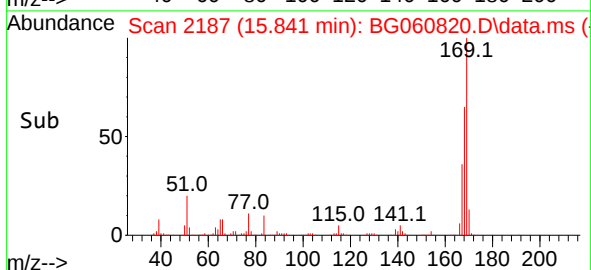
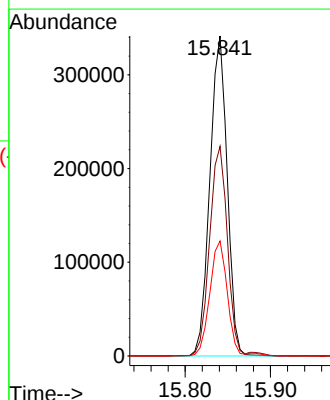
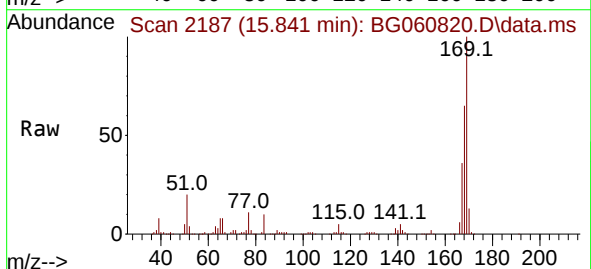
Instrument :
BNA_G
ClientSampleId :

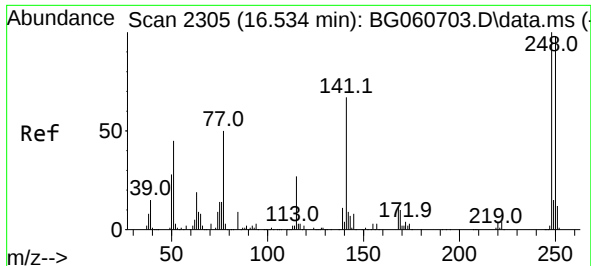
Tgt Ion:198 Resp: 76889
Ion Ratio Lower Upper
198 100
51 51.2 36.7 76.7
105 38.5 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 38.933 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

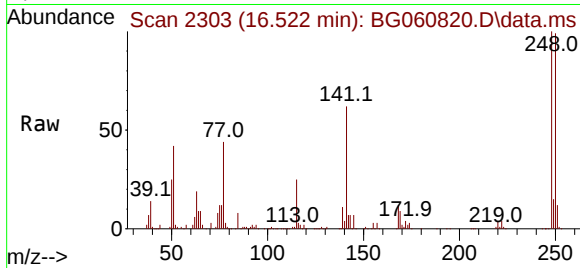
Tgt Ion:169 Resp: 482038
Ion Ratio Lower Upper
169 100
168 65.5 54.5 81.7
167 36.0 29.2 43.8



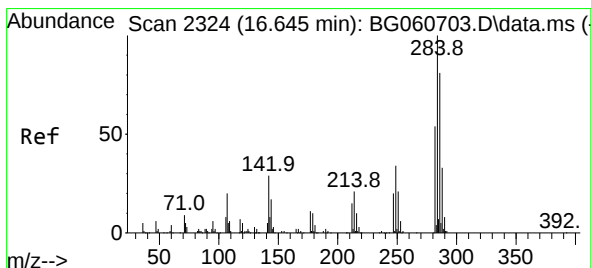
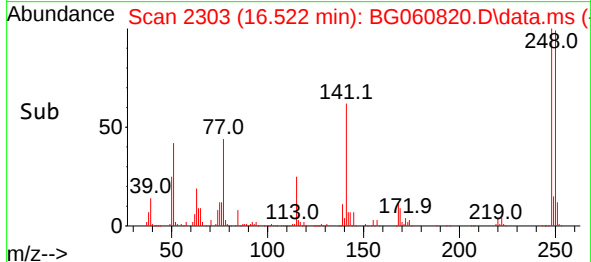
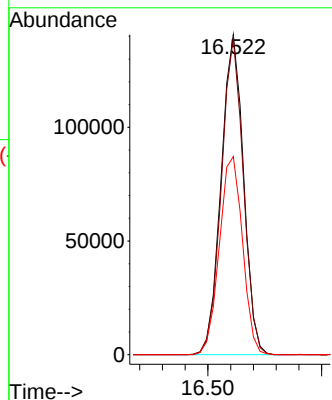


#67
4-Bromophenyl-phenylether
Concen: 43.863 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

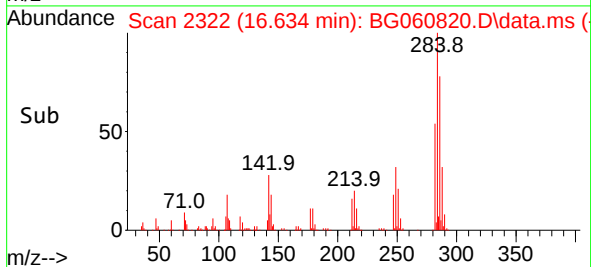
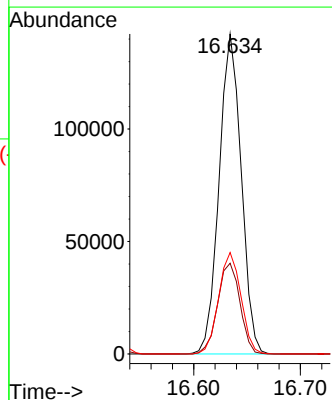
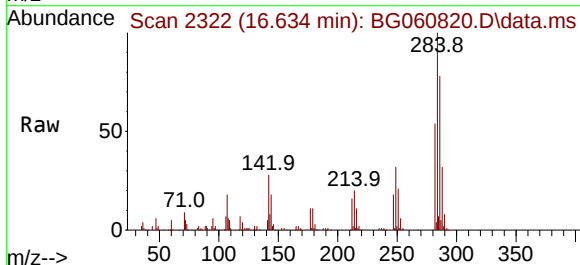


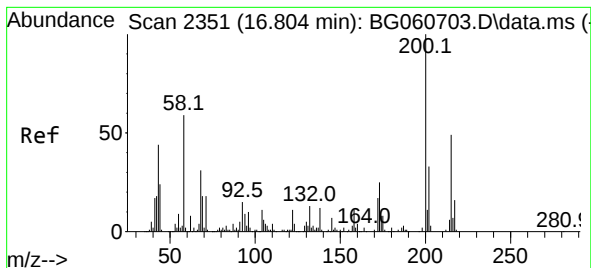
Tgt Ion:248 Resp: 192869
Ion Ratio Lower Upper
248 100
250 99.0 78.3 117.5
141 61.9 53.7 80.5



#68
Hexachlorobenzene
Concen: 41.224 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:284 Resp: 204624
Ion Ratio Lower Upper
284 100
142 28.3 22.9 34.3
249 31.7 27.1 40.7





#69

Atrazine

Concen: 40.354 ng

RT: 16.793 min Scan# 21

Delta R.T. -0.011 min

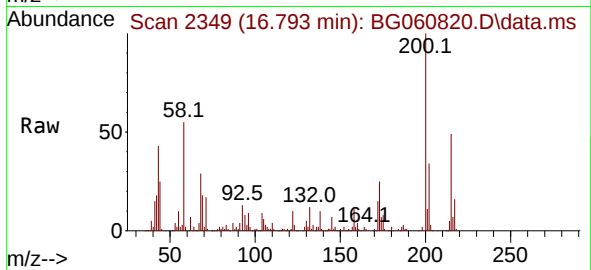
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



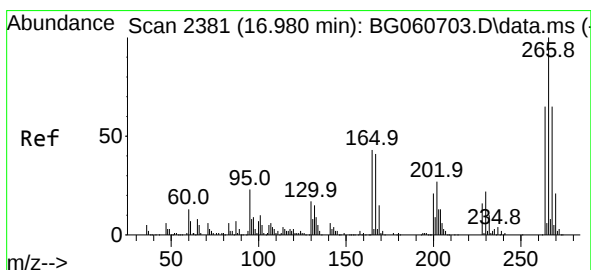
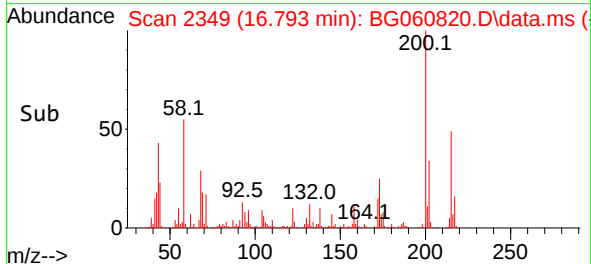
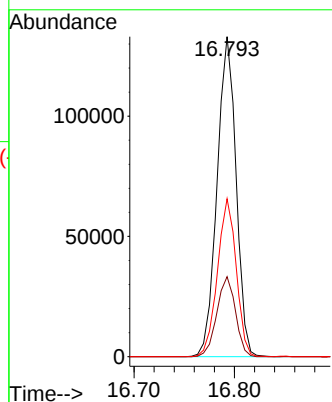
Tgt Ion:200 Resp: 174718

Ion	Ratio	Lower	Upper
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200	100		
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173	25.0	5.2	45.2
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215	49.4	28.8	68.8
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#70

Pentachlorophenol

Concen: 44.343 ng

RT: 16.975 min Scan# 2380

Delta R.T. -0.005 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

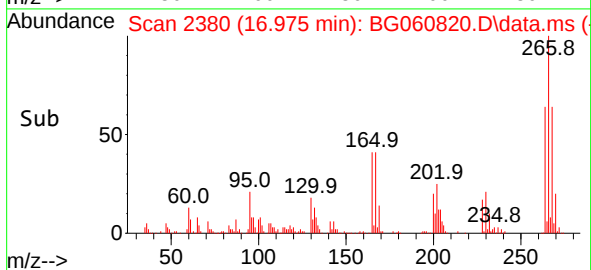
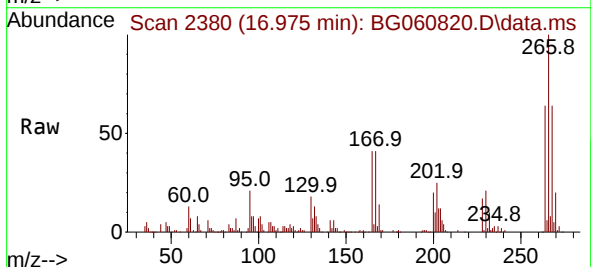
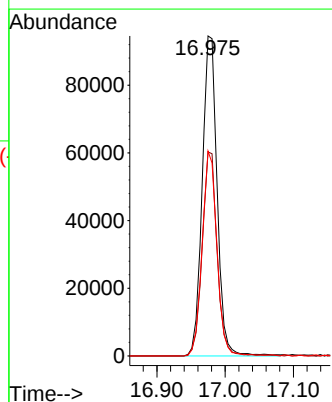
Tgt Ion:266 Resp: 143619

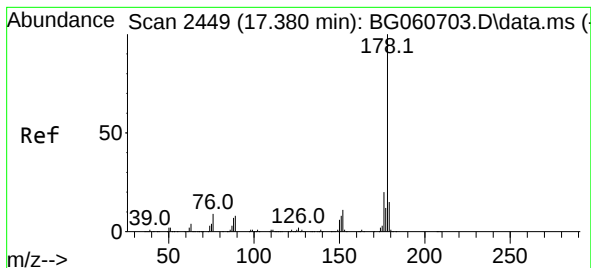
Ion	Ratio	Lower	Upper
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266	100		
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268	63.8	52.2	78.4
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264	64.1	51.8	77.6
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#71

Phenanthrene

Concen: 38.933 ng

RT: 17.374 min Scan# 2448

Delta R.T. -0.005 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

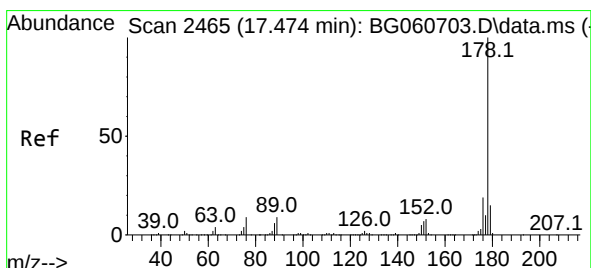
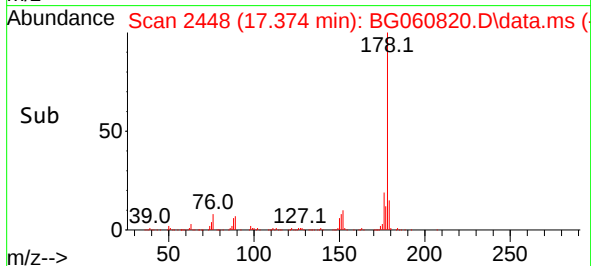
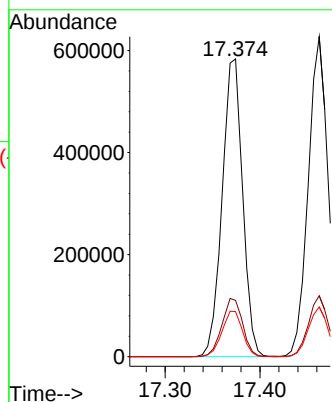
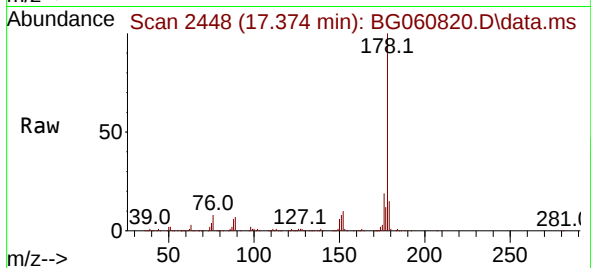
Tgt Ion:178 Resp: 877271

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

179 15.1 12.2 18.4



#72

Anthracene

Concen: 39.806 ng

RT: 17.462 min Scan# 2463

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

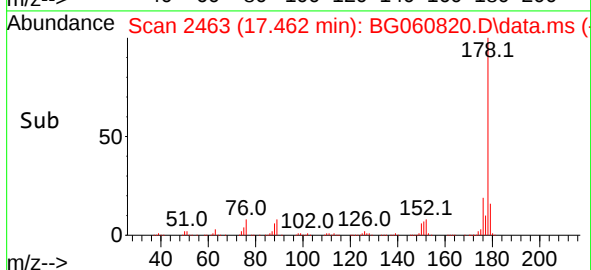
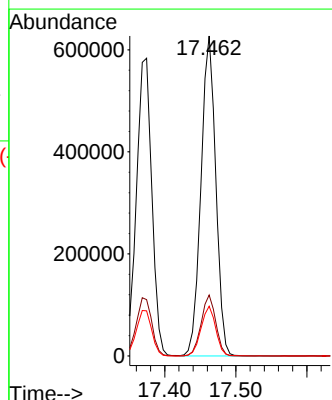
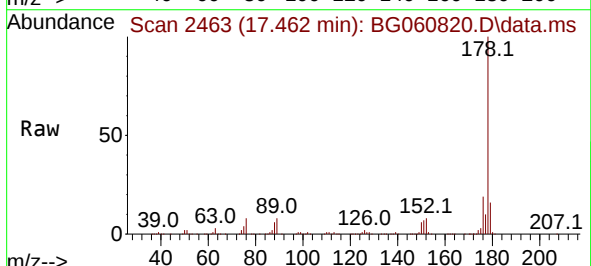
Tgt Ion:178 Resp: 910920

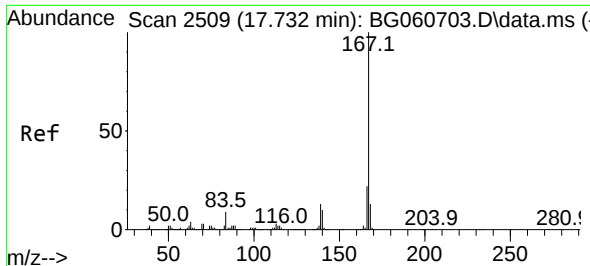
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.2 18.2

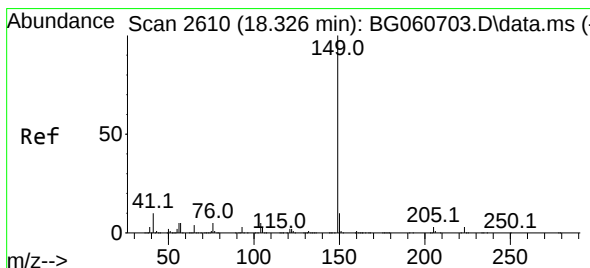
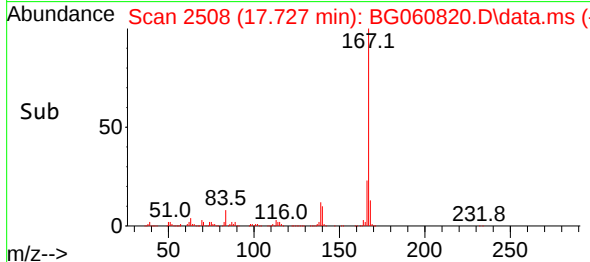
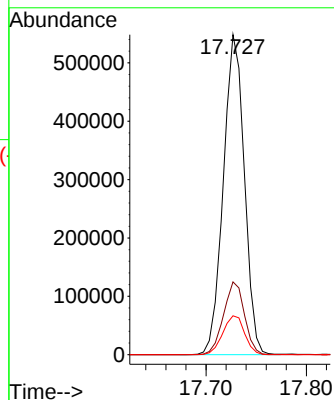
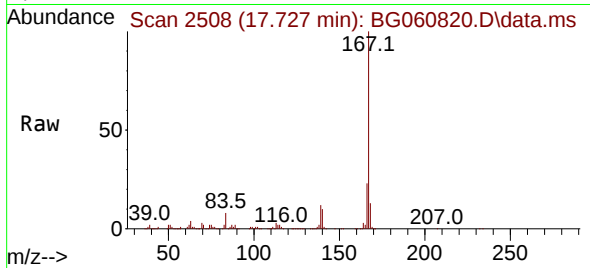




#73
 Carbazole
 Concen: 39.489 ng
 RT: 17.727 min Scan# 2508
 Delta R.T. -0.006 min
 Lab File: BG060820.D
 Acq: 8 Apr 2024 11:04

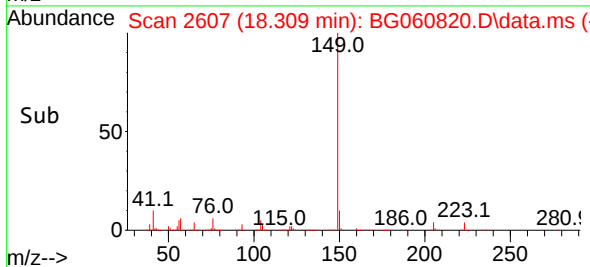
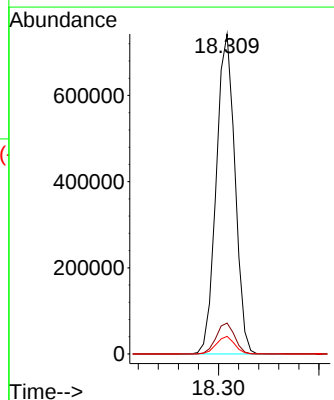
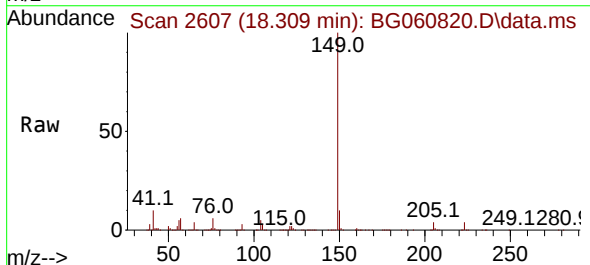
Instrument :
 BNA_G
 ClientSampleId :

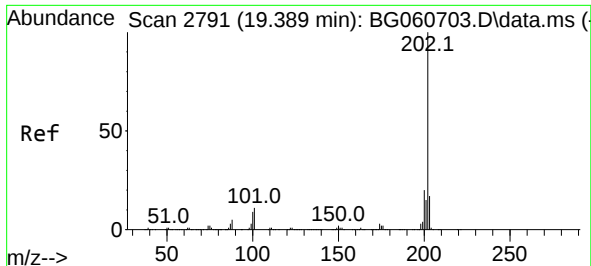
Tgt Ion:167 Resp: 796748
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 12.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 38.112 ng
 RT: 18.309 min Scan# 2607
 Delta R.T. -0.017 min
 Lab File: BG060820.D
 Acq: 8 Apr 2024 11:04

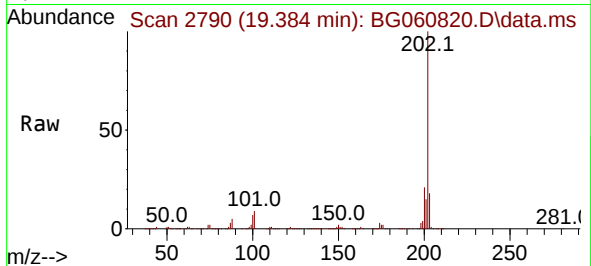
Tgt Ion:149 Resp: 958674
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 4.2 6.4



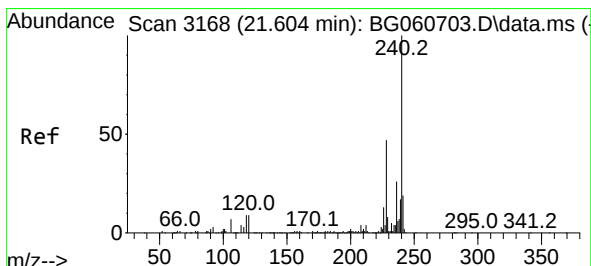
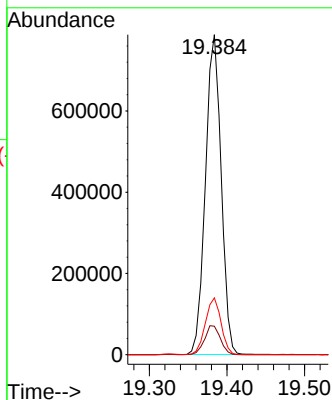
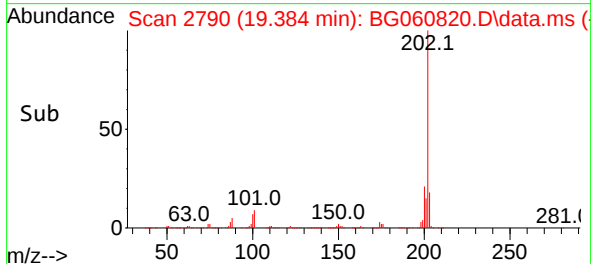


#75
Fluoranthene
Concen: 40.499 ng
RT: 19.384 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :

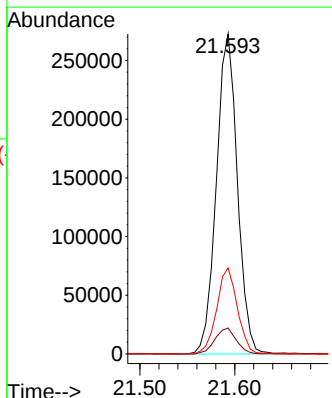
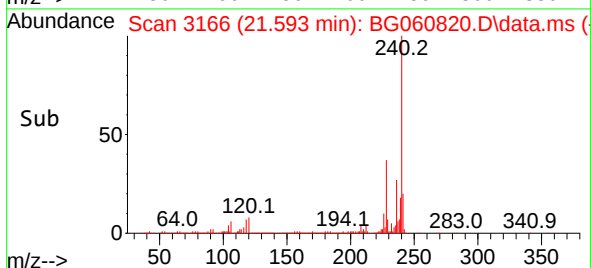
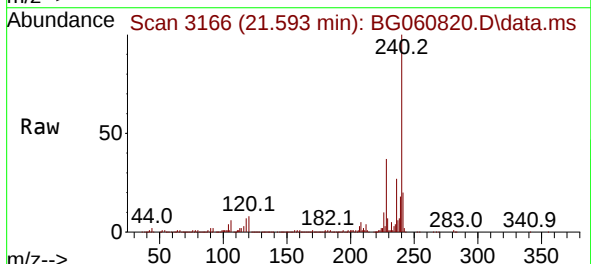


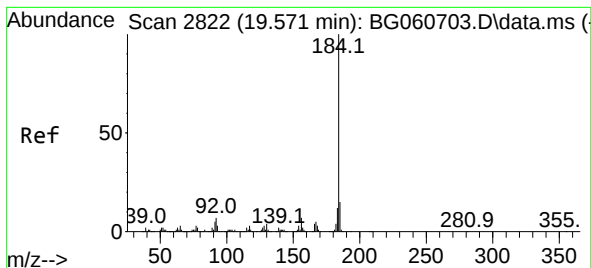
Tgt Ion:202 Resp: 1107369
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.8
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:240 Resp: 420524
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.9 20.7 31.1





#77

Benzidine

Concen: 41.542 ng

RT: 19.560 min Scan# 2820

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

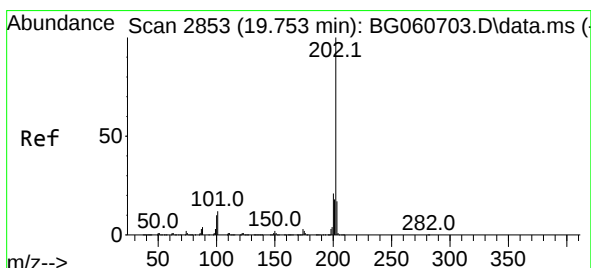
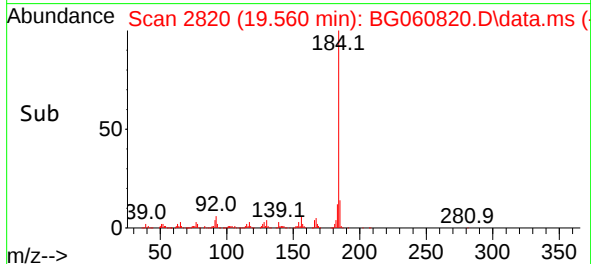
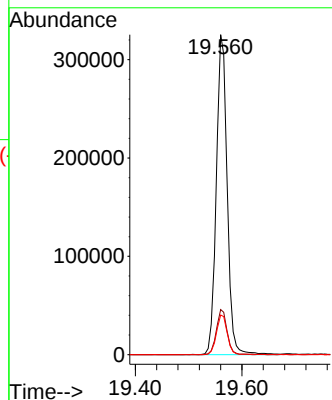
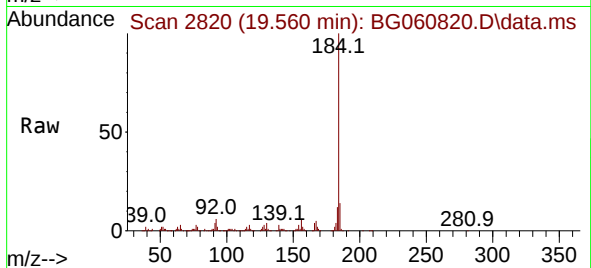
Tgt Ion:184 Resp: 460002

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 12.4 9.5 14.3



#78

Pyrene

Concen: 39.094 ng

RT: 19.742 min Scan# 2851

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

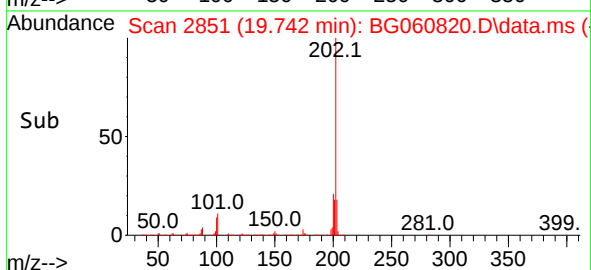
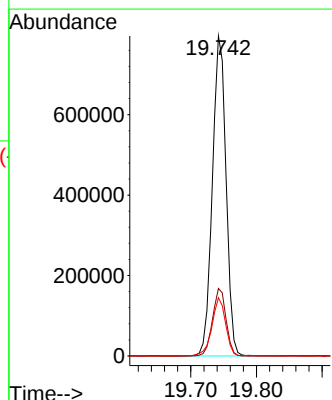
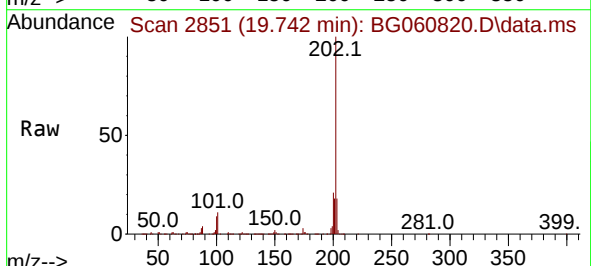
Tgt Ion:202 Resp: 1149770

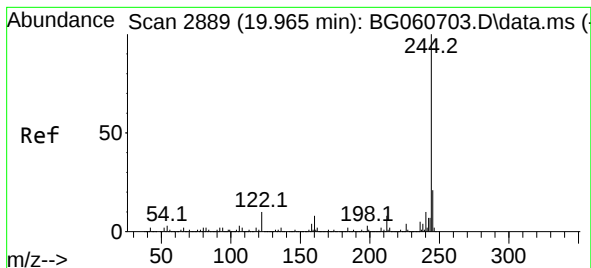
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 18.2 14.0 21.0





#79

Terphenyl-d14

Concen: 78.235 ng

RT: 19.954 min Scan# 2

Delta R.T. -0.011 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

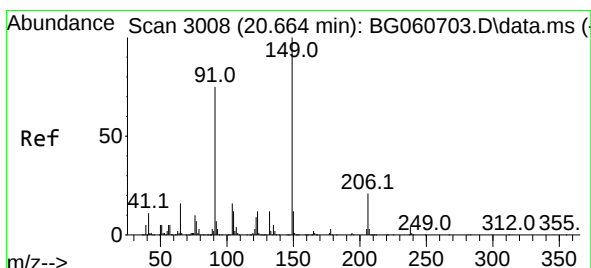
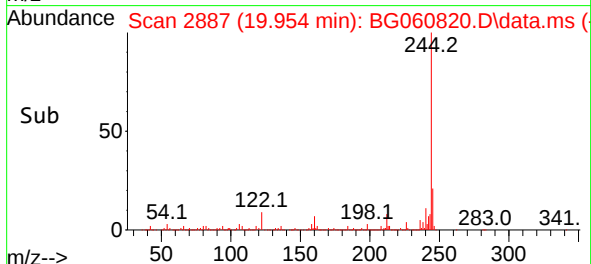
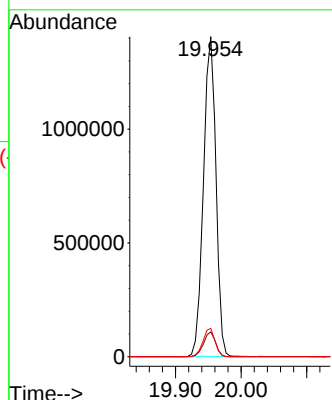
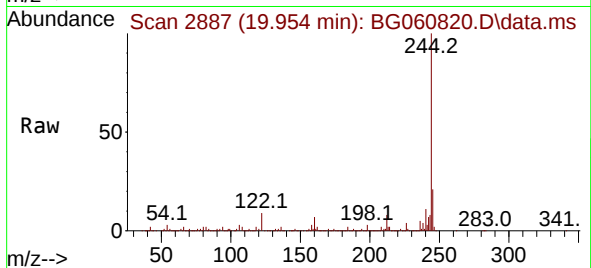
Tgt Ion:244 Resp: 1868413

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.8 7.8 11.8



#80

Butylbenzylphthalate

Concen: 38.956 ng

RT: 20.647 min Scan# 3005

Delta R.T. -0.017 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

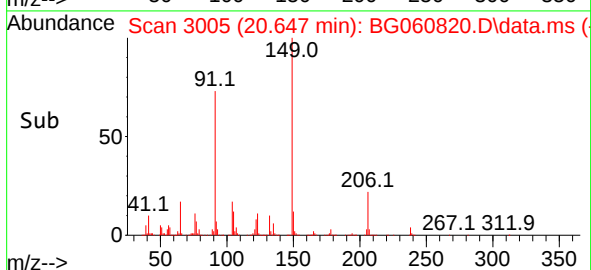
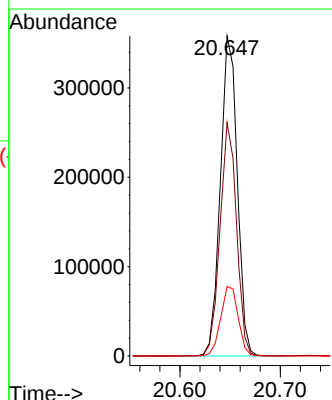
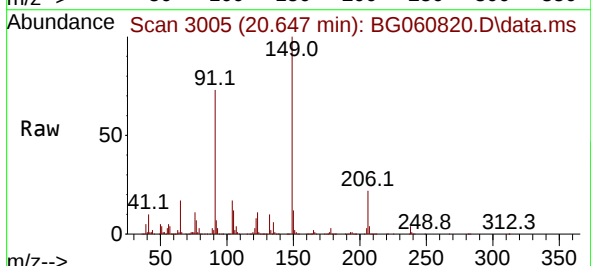
Tgt Ion:149 Resp: 417938

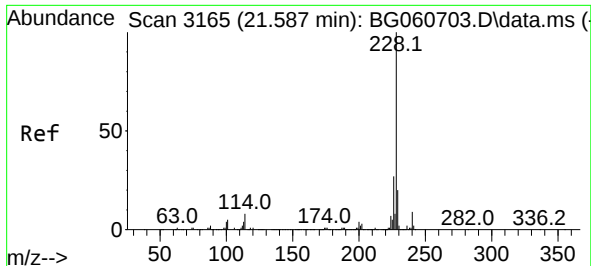
Ion Ratio Lower Upper

149 100

91 72.9 60.1 90.1

206 21.7 16.8 25.2

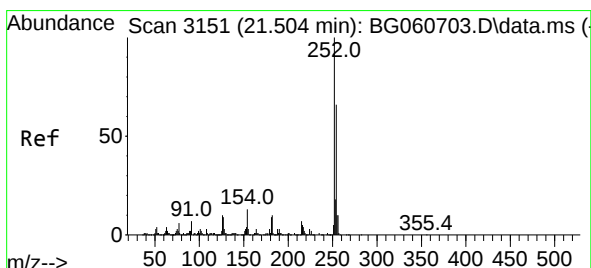
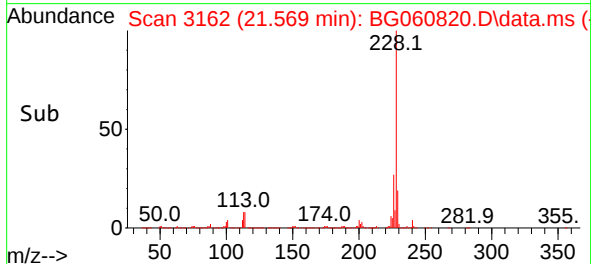
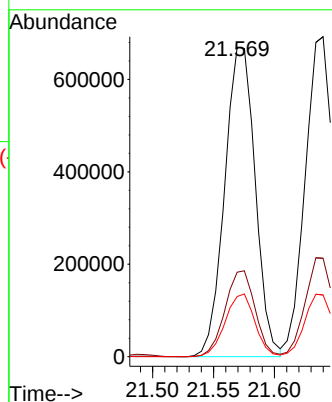
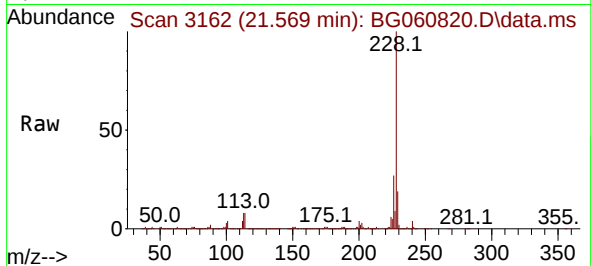




#81
Benzo(a)anthracene
Concen: 39.477 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.017 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

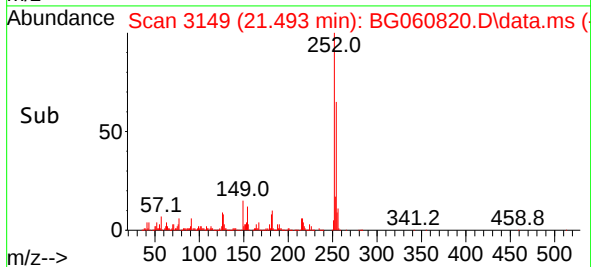
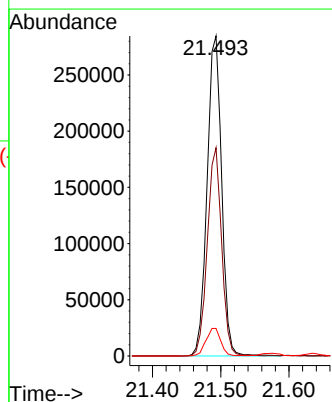
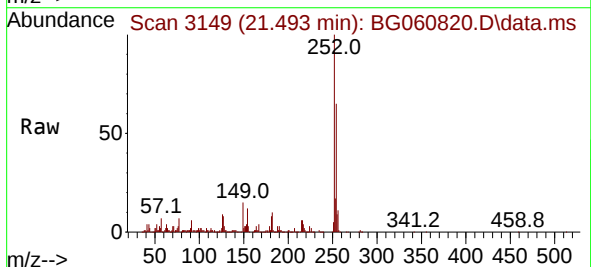
Instrument :
BNA_G
ClientSampleId :

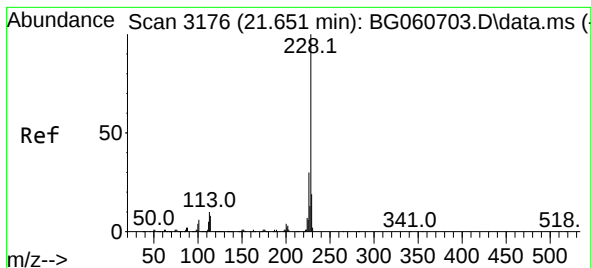
Tgt Ion:228 Resp: 1170184
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 42.161 ng
RT: 21.493 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:252 Resp: 421982
Ion Ratio Lower Upper
252 100
254 65.0 52.6 78.8
126 8.6 7.8 11.8





#83

Chrysene

Concen: 39.282 ng

RT: 21.640 min Scan# 3176

Delta R.T. -0.011 min

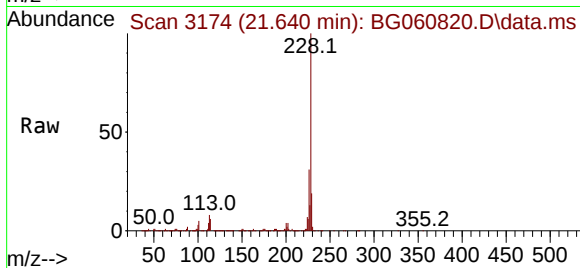
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



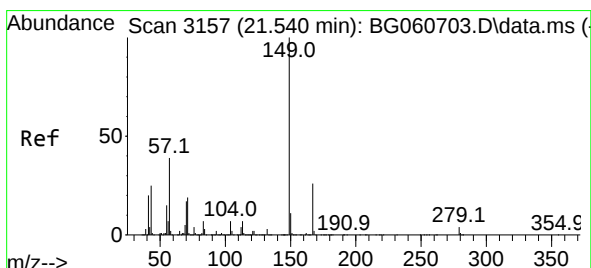
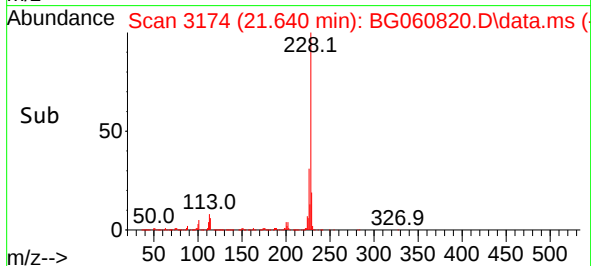
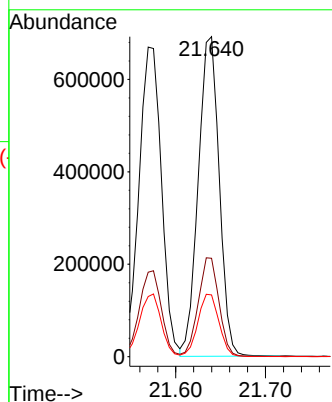
Tgt Ion:228 Resp: 1122336

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.997 ng

RT: 21.511 min Scan# 3152

Delta R.T. -0.029 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

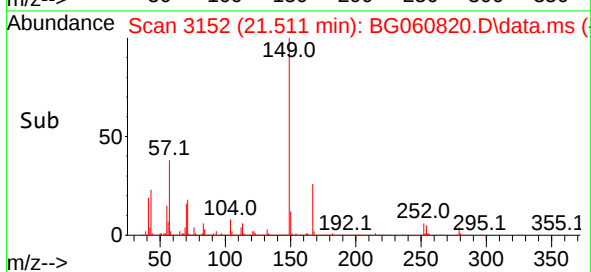
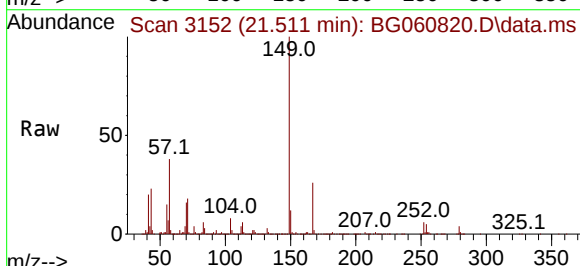
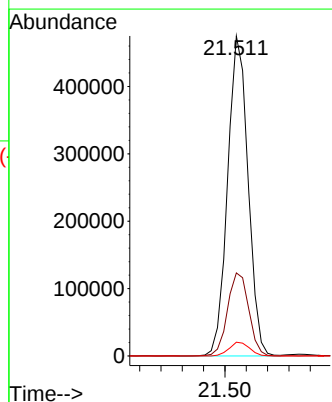
Tgt Ion:149 Resp: 632640

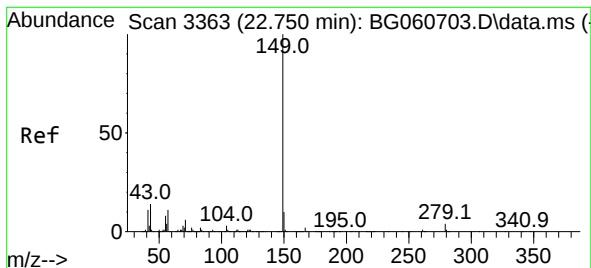
Ion Ratio Lower Upper

149 100

167 26.0 20.6 30.8

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.729 ng

RT: 22.709 min Scan# 31

Delta R.T. -0.041 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

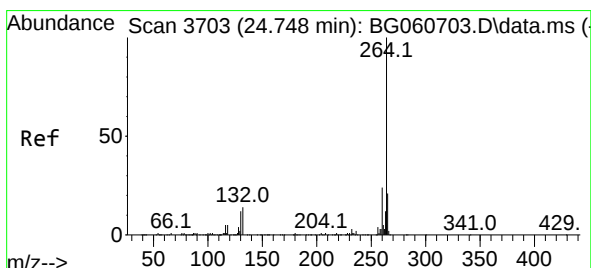
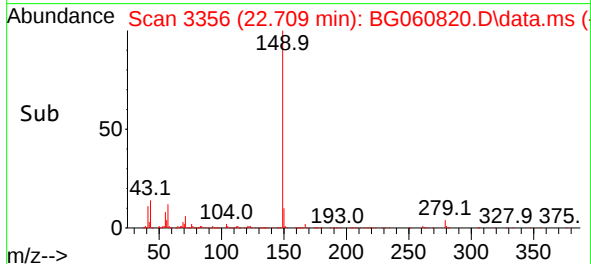
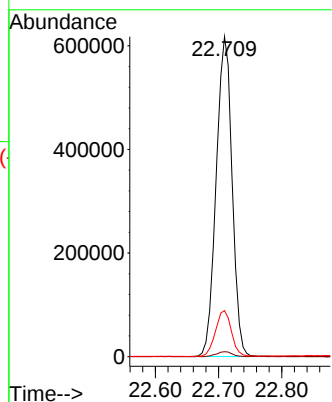
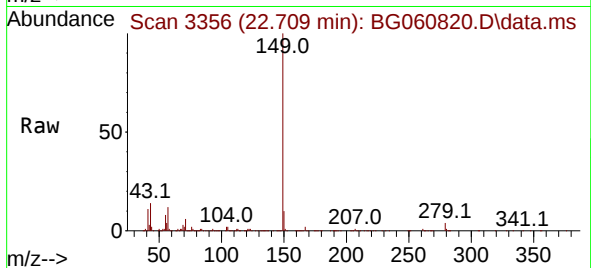
Tgt Ion:149 Resp: 1078898

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.5 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.725 min Scan# 3699

Delta R.T. -0.023 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

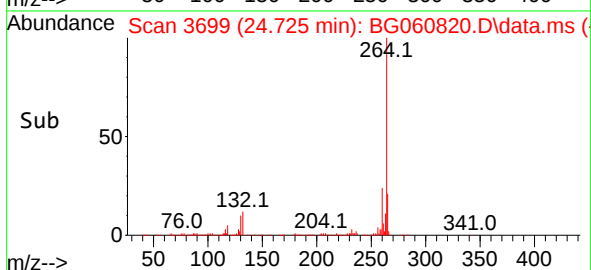
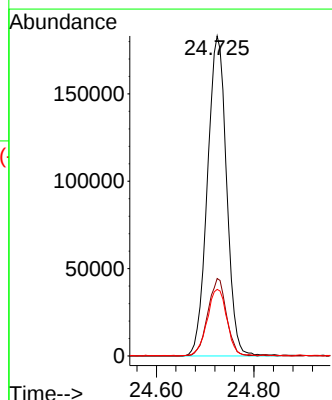
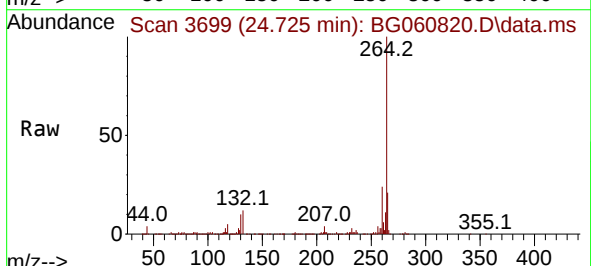
Tgt Ion:264 Resp: 498504

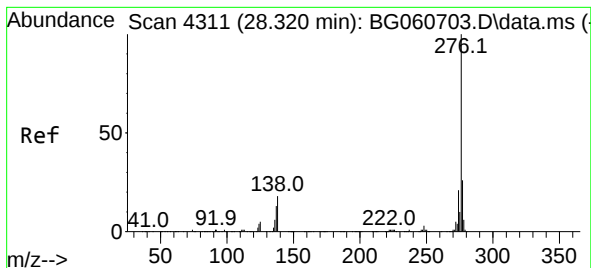
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.056 ng

RT: 28.279 min Scan# 41

Delta R.T. -0.041 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

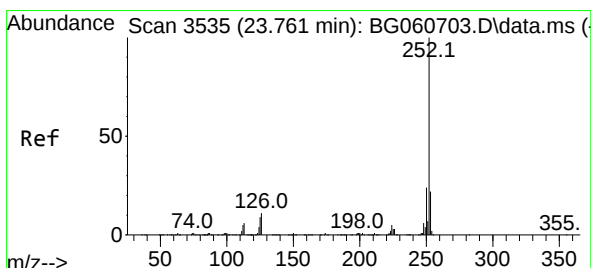
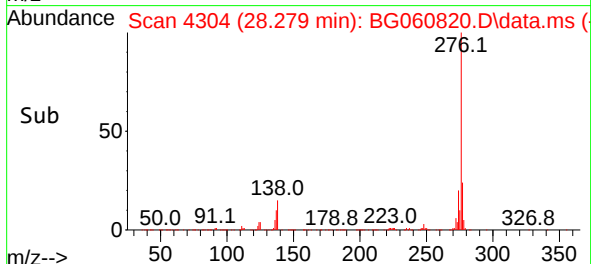
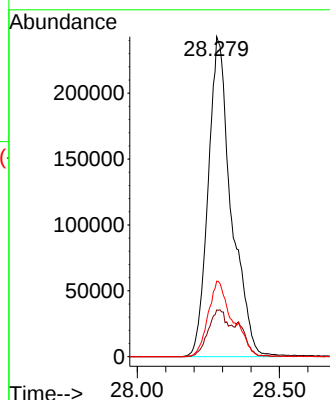
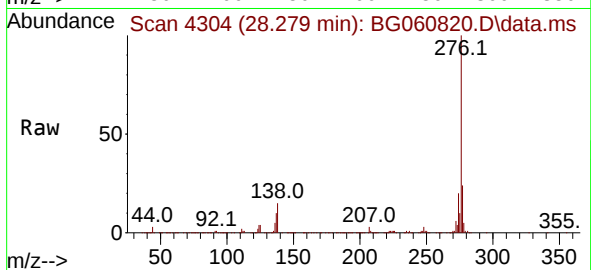
Tgt Ion:276 Resp: 1371056

Ion Ratio Lower Upper

276 100

138 13.9 12.4 18.6

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.449 ng

RT: 23.737 min Scan# 3531

Delta R.T. -0.023 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

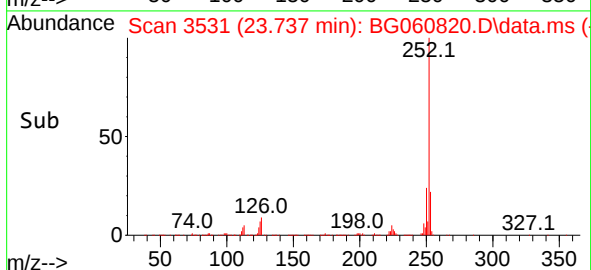
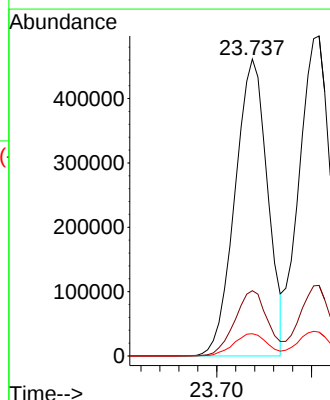
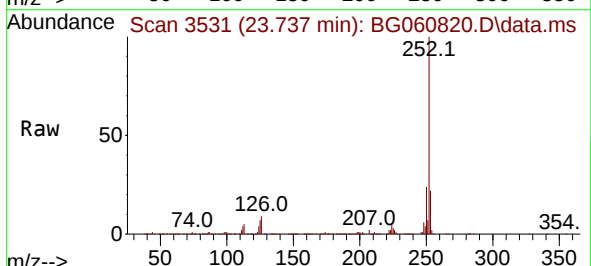
Tgt Ion:252 Resp: 1101148

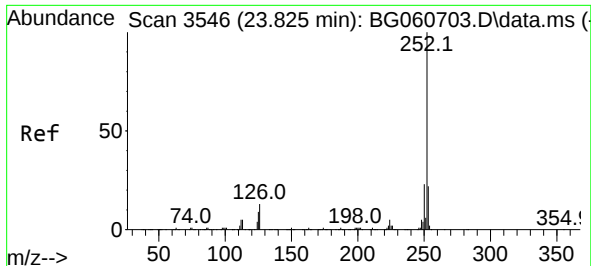
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.5 7.1 10.7

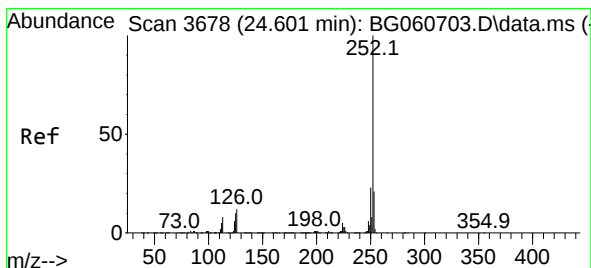
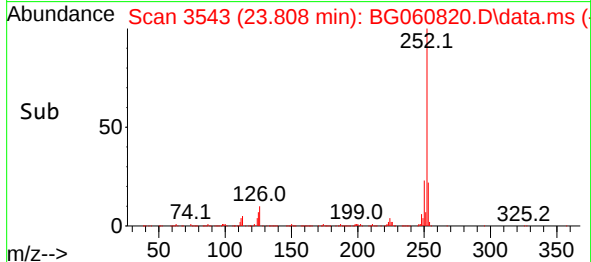
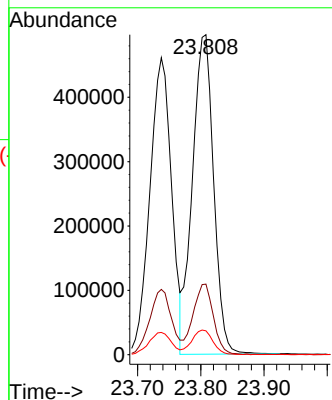
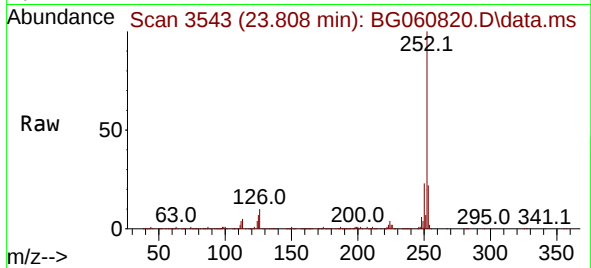




#89
Benzo(k)fluoranthene
Concen: 39.461 ng
RT: 23.808 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

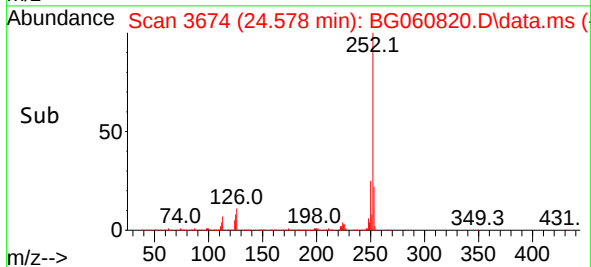
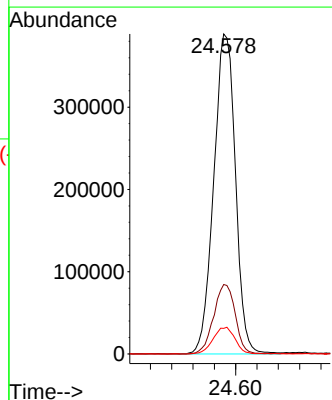
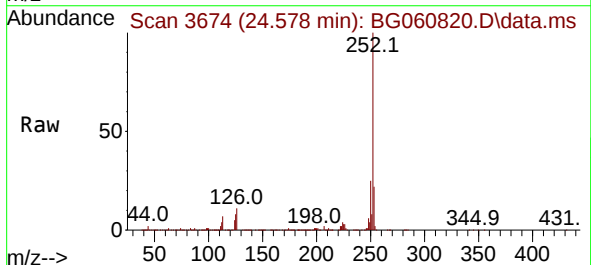
Instrument :
BNA_G
ClientSampleId :

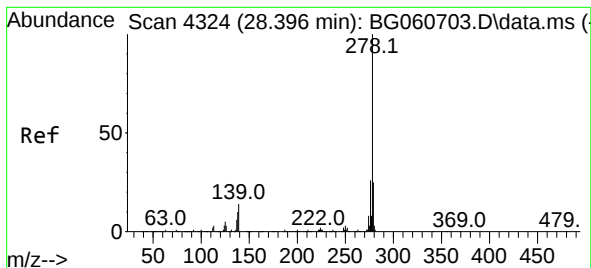
Tgt Ion:252 Resp: 1156717
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.5 7.5 11.3#



#90
Benzo(a)pyrene
Concen: 39.477 ng
RT: 24.578 min Scan# 3674
Delta R.T. -0.023 min
Lab File: BG060820.D
Acq: 8 Apr 2024 11:04

Tgt Ion:252 Resp: 1098705
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 8.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 38.902 ng

RT: 28.356 min Scan# 41

Delta R.T. -0.041 min

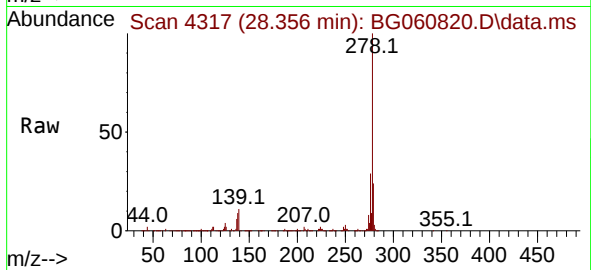
Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :



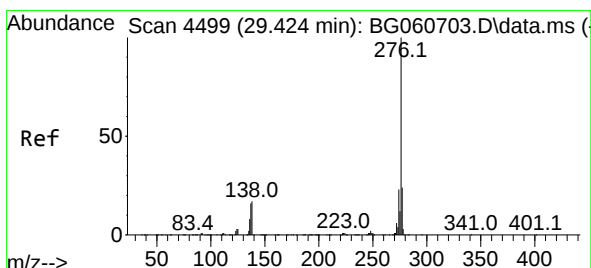
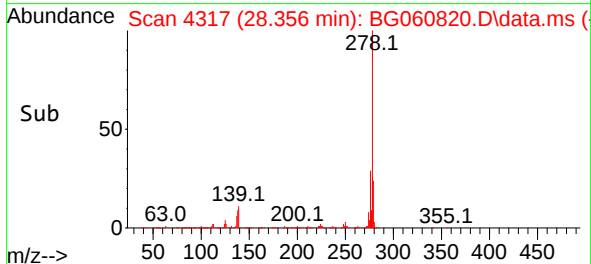
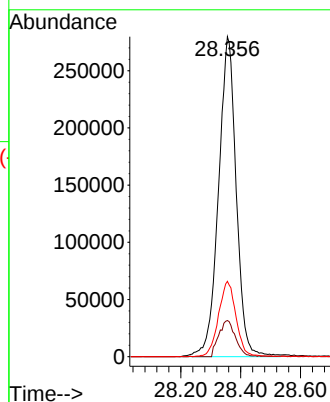
Tgt Ion:278 Resp: 1151201

Ion Ratio Lower Upper

278 100

139 11.3 11.1 16.7

279 23.5 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 38.850 ng

RT: 29.396 min Scan# 4494

Delta R.T. -0.029 min

Lab File: BG060820.D

Acq: 8 Apr 2024 11:04

Tgt Ion:276 Resp: 1118370

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 17.1 14.0 21.0

