

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060839.D
 Acq On : 9 Apr 2024 10:51
 Operator : MA/JU
 Sample : PB160074BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160074BS

Quant Time: Apr 09 11:27:43 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	47330	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	199433	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	160636	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	426073	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	421257	20.000	ng	-0.02
86) Perylene-d12	24.718	264	495123	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	391730	137.878	ng	0.00
7) Phenol-d6	7.115	99	551358	130.737	ng	0.00
23) Nitrobenzene-d5	9.101	82	347528	99.434	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	329233	180.552	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	898074	82.051	ng	-0.02
79) Terphenyl-d14	19.953	244	1992457	83.284	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	42918	36.845	ng	92
3) Pyridine	3.837	79	116237	33.082	ng	93
4) n-Nitrosodimethylamine	3.755	42	97161	46.262	ng	96
6) Aniline	7.274	93	130161	24.440	ng	99
8) 2-Chlorophenol	7.515	128	153107	47.534	ng	95
9) Benzaldehyde	7.080	77	27152	11.676	ng	91
10) Phenol	7.139	94	204369	47.483	ng	95
11) bis(2-Chloroethyl)ether	7.368	93	139870	40.251	ng	98
12) 1,3-Dichlorobenzene	7.838	146	152589	45.555	ng	98
13) 1,4-Dichlorobenzene	7.985	146	156000	45.650	ng	94
14) 1,2-Dichlorobenzene	8.302	146	148736	44.413	ng	98
15) Benzyl Alcohol	8.185	79	148864	43.577	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.467	45	326653	41.653	ng	99
17) 2-Methylphenol	8.390	107	136046	41.871	ng	98
18) Hexachloroethane	9.031	117	54623	45.006	ng	# 83
19) n-Nitroso-di-n-propyla...	8.755	70	123351	38.354	ng	# 95
20) 3+4-Methylphenols	8.714	107	189476	42.585	ng	96
22) Acetophenone	8.766	105	236667	43.037	ng	# 96
24) Nitrobenzene	9.142	77	175141	45.191	ng	96
25) Isophorone	9.665	82	326609	40.572	ng	99
26) 2-Nitrophenol	9.853	139	74146	53.224	ng	92
27) 2,4-Dimethylphenol	9.918	122	115746	35.794	ng	96
28) bis(2-Chloroethoxy)met...	10.153	93	191188	40.228	ng	98
29) 2,4-Dichlorophenol	10.388	162	155030	52.208	ng	97
30) 1,2,4-Trichlorobenzene	10.611	180	160392	47.701	ng	96
31) Naphthalene	10.793	128	459188	42.564	ng	99
32) Benzoic acid	10.047	122	110176	50.752	ng	97
33) 4-Chloroaniline	10.899	127	82952	16.555	ng	99
34) Hexachlorobutadiene	11.087	225	108844	48.571	ng	97
35) Caprolactam	11.663	113	35751	30.398	ng	95
36) 4-Chloro-3-methylphenol	12.027	107	182081	47.999	ng	98
37) 2-Methylnaphthalene	12.403	142	328882	41.466	ng	100
38) 1-Methylnaphthalene	12.621	142	311770	41.610	ng	97
40) 1,2,4,5-Tetrachloroben...	12.774	216	212399	45.993	ng	99
41) Hexachlorocyclopentadiene	12.756	237	235078	100.110	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	155524	52.301	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	175177	49.363	ng	96
46) 1,1'-Biphenyl	13.414	154	484586	42.709	ng	99
47) 2-Chloronaphthalene	13.455	162	382077	44.321	ng	99
48) 2-Nitroaniline	13.649	65	149335	52.566	ng	96
49) Acenaphthylene	14.301	152	663023	45.774	ng	99
50) Dimethylphthalate	14.037	163	560821	44.170	ng	99
51) 2,6-Dinitrotoluene	14.148	165	116159	50.872	ng	95
52) Acenaphthene	14.642	154	368166	40.483	ng	98
53) 3-Nitroaniline	14.477	138	78745	32.551	ng #	97
54) 2,4-Dinitrophenol	14.683	184	150308	170.075	ng	92
55) Dibenzofuran	14.977	168	619706	43.200	ng	98
56) 4-Nitrophenol	14.789	139	226507	122.032	ng	96
57) 2,4-Dinitrotoluene	14.936	165	174909	57.845	ng	94
58) Fluorene	15.629	166	518542	45.040	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	173625	56.141	ng	95
60) Diethylphthalate	15.412	149	565290	44.253	ng	98
61) 4-Chlorophenyl-phenyle...	15.623	204	273238	44.860	ng	96
62) 4-Nitroaniline	15.641	138	131237	56.534	ng	95
63) Azobenzene	15.917	77	531150	42.671	ng	94
65) 4,6-Dinitro-2-methylph...	15.700	198	104775	57.889	ng	98
66) n-Nitrosodiphenylamine	15.841	169	501626	41.199	ng	97
67) 4-Bromophenyl-phenylether	16.522	248	196723	45.495	ng	96
68) Hexachlorobenzene	16.634	284	228883	46.889	ng	97
69) Atrazine	16.792	200	207102	48.641	ng	98
70) Pentachlorophenol	16.974	266	327859	102.936	ng	98
71) Phenanthrene	17.368	178	962091	43.417	ng	99
72) Anthracene	17.462	178	986356	43.830	ng	99
73) Carbazole	17.727	167	899937	45.356	ng	99
74) Di-n-butylphthalate	18.302	149	1051161	42.494	ng	99
75) Fluoranthene	19.383	202	1226182	45.602	ng	97
77) Benzidine	19.560	184	334211	30.129	ng	98
78) Pyrene	19.742	202	1279535	43.430	ng	99
80) Butylbenzylphthalate	20.647	149	470651	43.793	ng	97
81) Benzo(a)anthracene	21.569	228	1341299	45.170	ng	100
82) 3,3'-Dichlorobenzidine	21.487	252	324757	32.390	ng	98
83) Chrysene	21.634	228	1275222	44.556	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	700897	40.917	ng	97
85) Di-n-octyl phthalate	22.703	149	1203859	43.140	ng	100
87) Indeno(1,2,3-cd)pyrene	28.279	276	1640846	47.061	ng #	96
88) Benzo(b)fluoranthene	23.731	252	1315199	46.237	ng	98
89) Benzo(k)fluoranthene	23.802	252	1321708	45.397	ng	98
90) Benzo(a)pyrene	24.577	252	1239871	44.853	ng	97
91) Dibenzo(a,h)anthracene	28.349	278	1339594	45.577	ng #	96
92) Benzo(g,h,i)perylene	29.389	276	1255190	43.901	ng	96

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

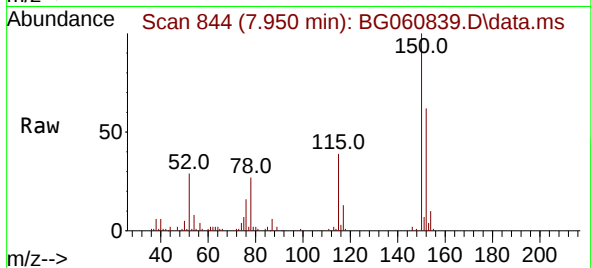
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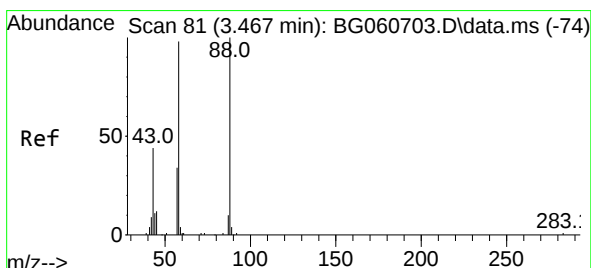
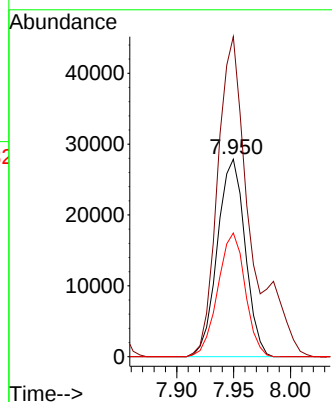
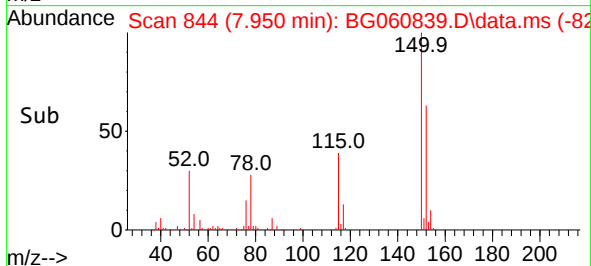


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

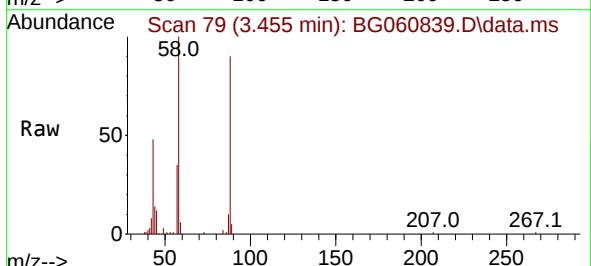
Instrument :
BNA_G
ClientSampleId :
PB160074BS



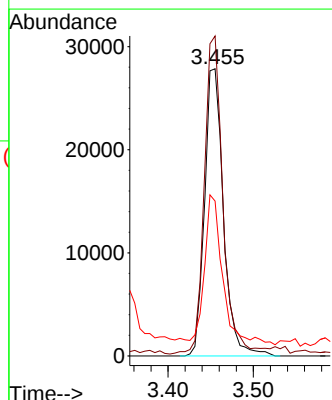
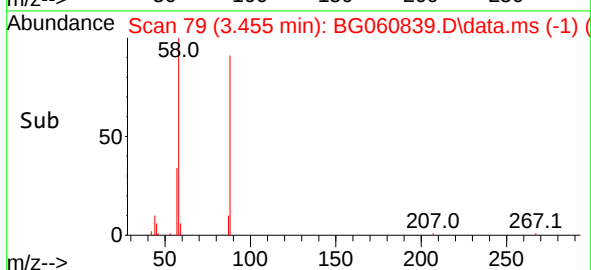
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Ion Ratio Lower Upper
152 100
150 162.1 130.2 195.4
115 62.7 51.6 77.4

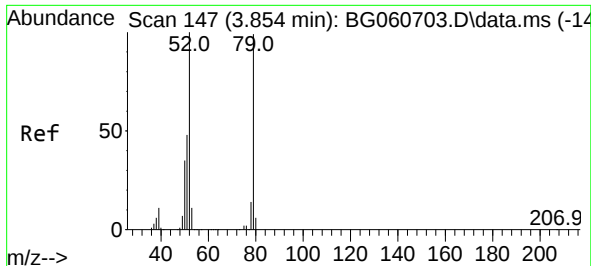


#2
1,4-Dioxane
Concen: 36.845 ng
RT: 3.455 min Scan# 79
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



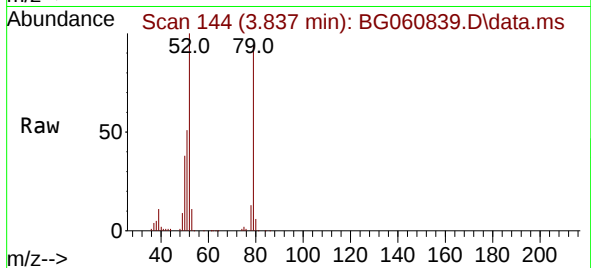
Tgt Ion: 88 Resp: 42918
Ion Ratio Lower Upper
88 100
58 108.2 80.9 121.3
43 49.9 35.4 53.0



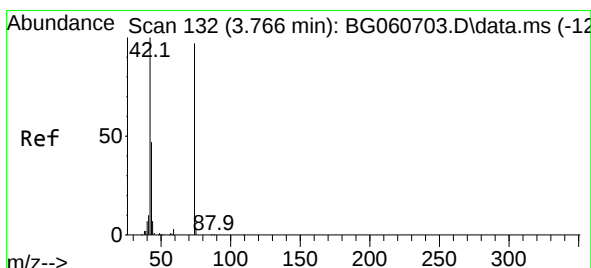
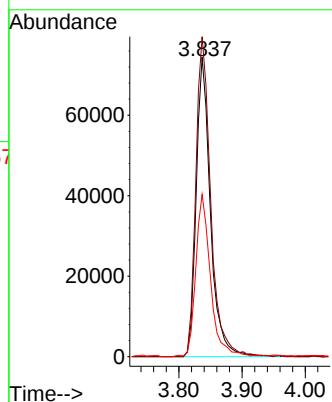
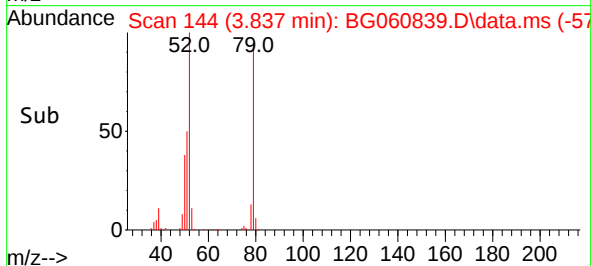


#3
Pyridine
Concen: 33.082 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

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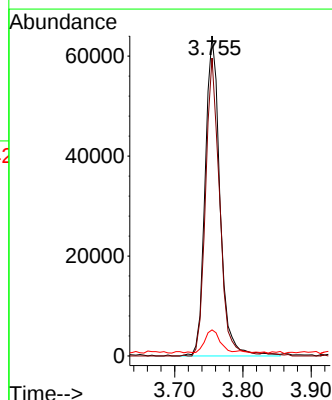
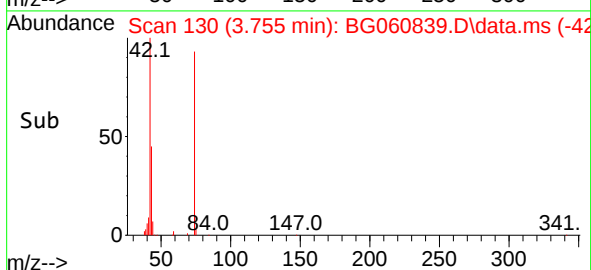
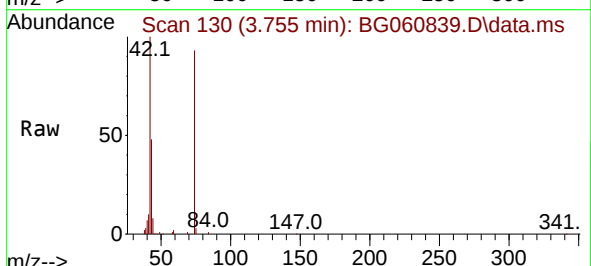


Tgt Ion: 79 Resp: 116237
Ion Ratio Lower Upper
79 100
52 106.8 80.6 120.8
51 54.1 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 46.262 ng
RT: 3.755 min Scan# 130
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 42 Resp: 97161
Ion Ratio Lower Upper
42 100
74 93.1 77.8 116.8
44 8.2 6.8 10.2

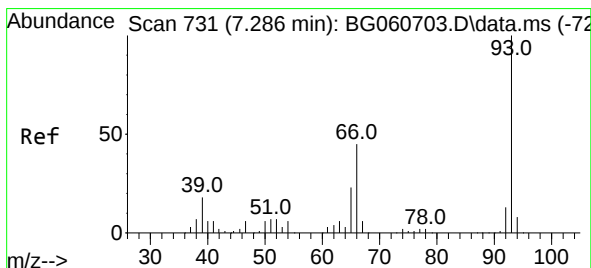
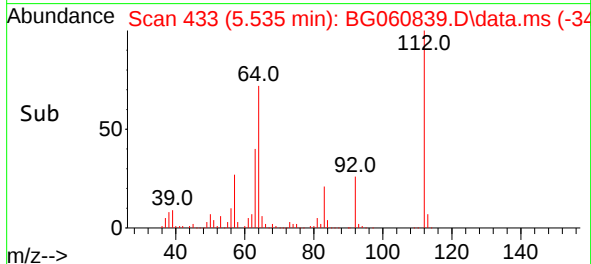
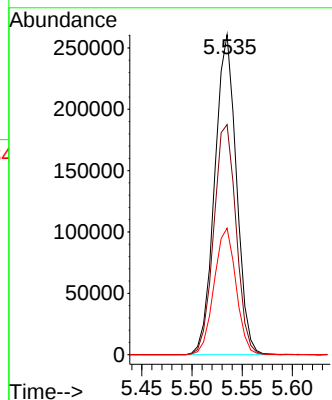
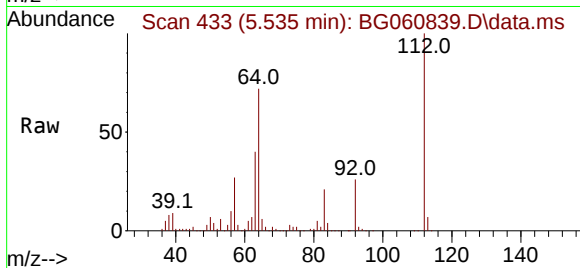




#5
2-Fluorophenol
Concen: 137.878 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

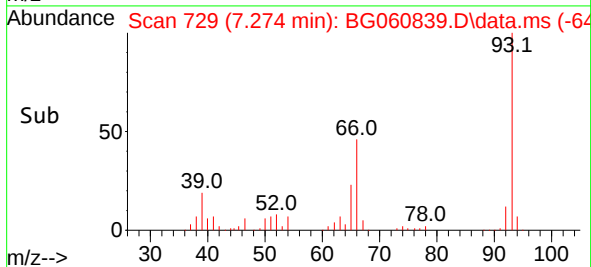
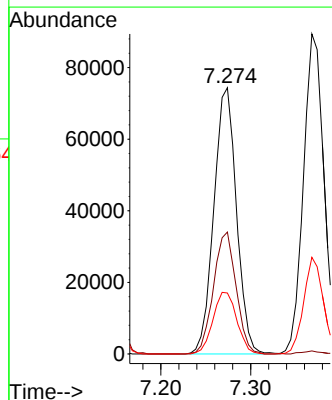
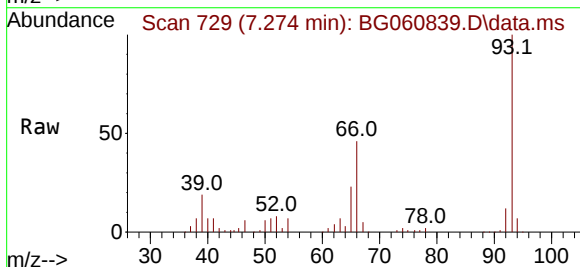
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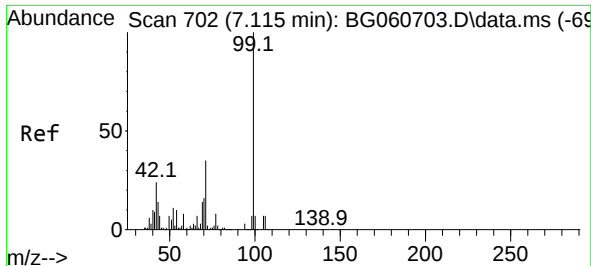
Tgt Ion:112 Resp: 391730
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 39.5 32.7 49.1



#6
Aniline
Concen: 24.440 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 93 Resp: 130161
Ion Ratio Lower Upper
93 100
66 45.8 36.1 54.1
65 22.9 18.1 27.1



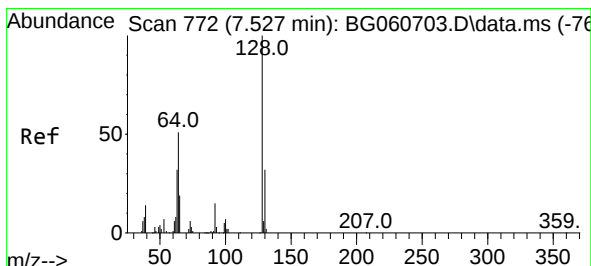
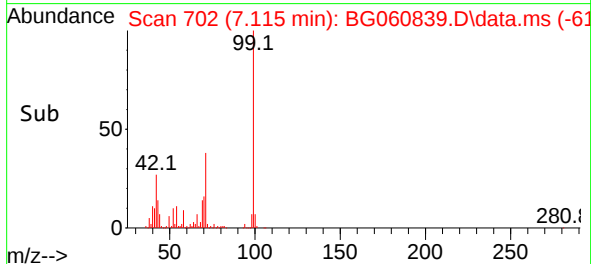
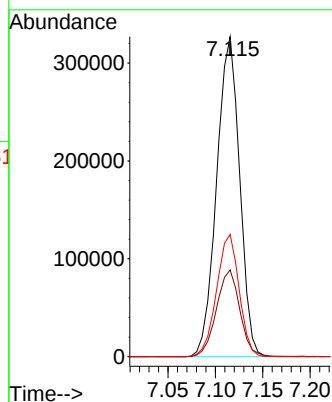
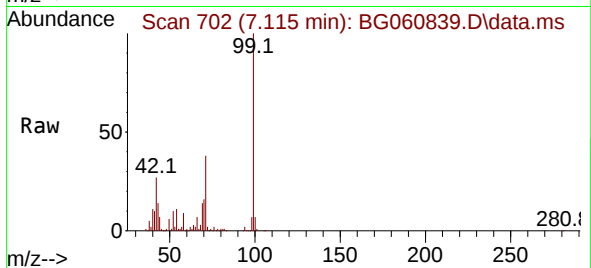


#7
Phenol-d6
Concen: 130.737 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :
BNA_G
ClientSampleId :
PB160074BS

Tgt Ion: 99 Resp: 551358

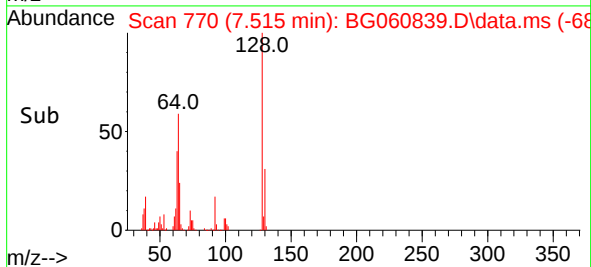
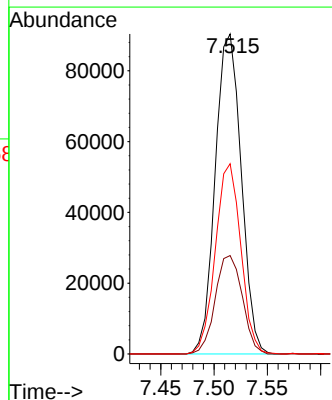
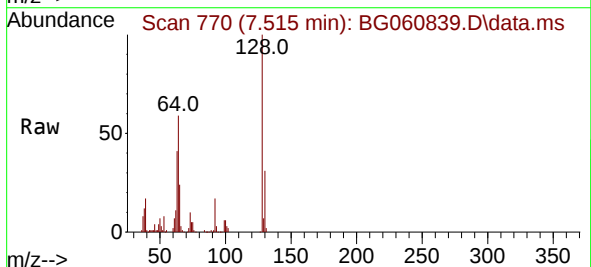
Ion	Ratio	Lower	Upper
99	100		
42	27.1	19.4	29.2
71	38.2	28.2	42.2



#8
2-Chlorophenol
Concen: 47.534 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 128 Resp: 153107

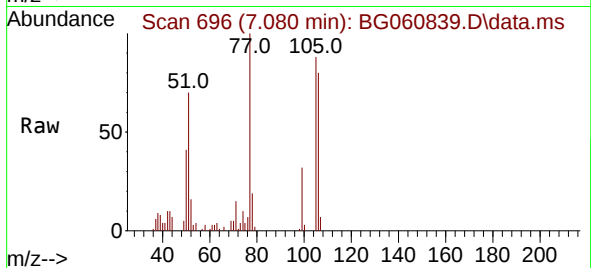
Ion	Ratio	Lower	Upper
128	100		
130	30.7	12.3	52.3
64	59.4	35.0	75.0





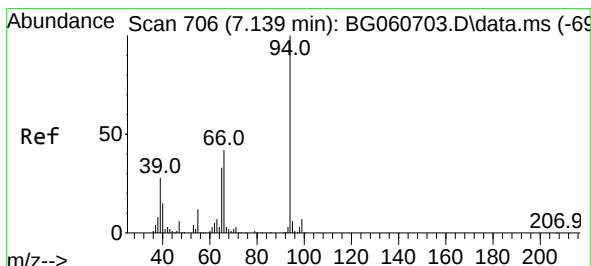
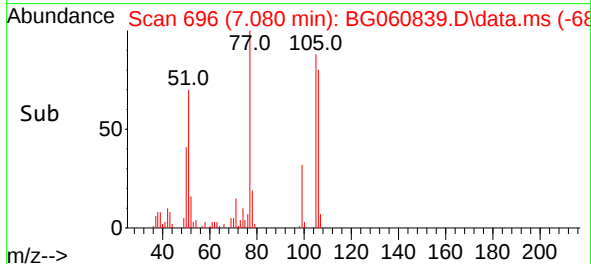
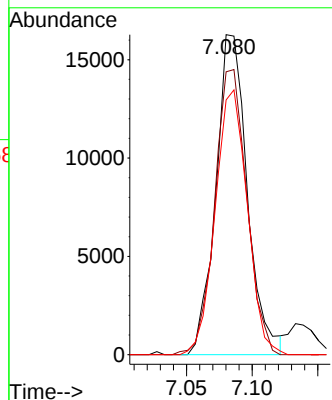
#9
Benzaldehyde
Concen: 11.676 ng
RT: 7.080 min Scan# 699
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 27152

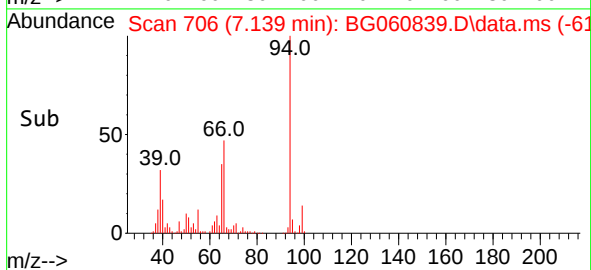
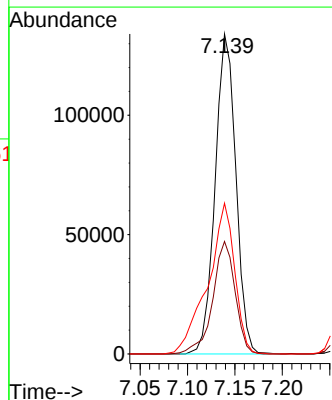
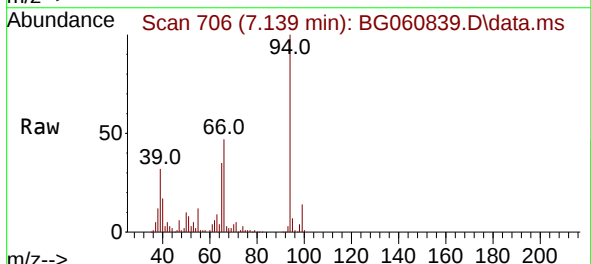
Ion	Ratio	Lower	Upper
77	100		
105	88.4	76.0	116.0
106	79.6	70.3	110.3

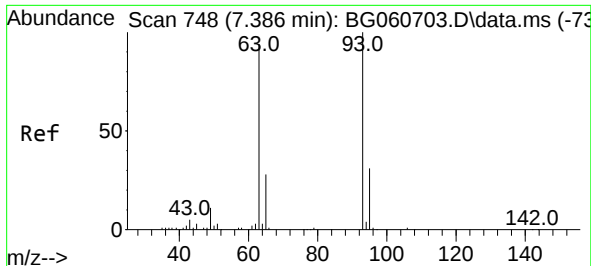


#10
Phenol
Concen: 47.483 ng
RT: 7.139 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 94 Resp: 204369

Ion	Ratio	Lower	Upper
94	100		
65	35.2	13.3	53.3
66	47.1	22.9	62.9

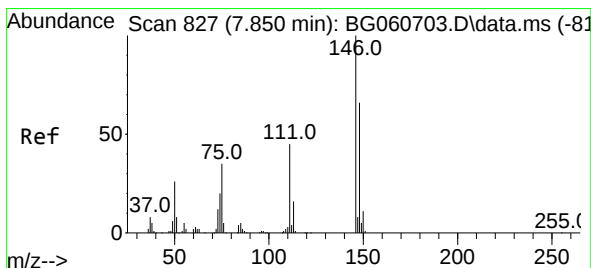
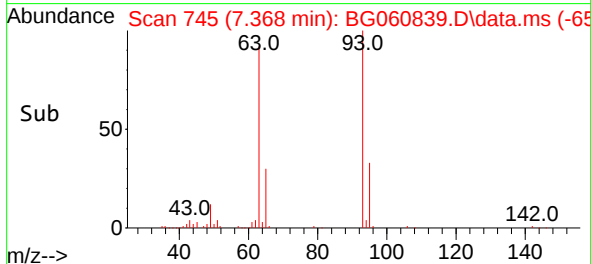
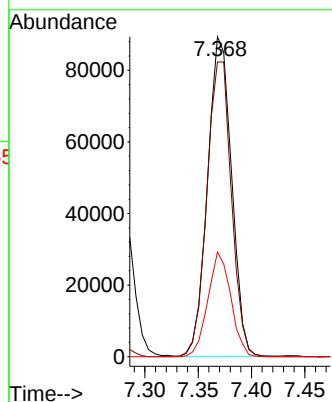
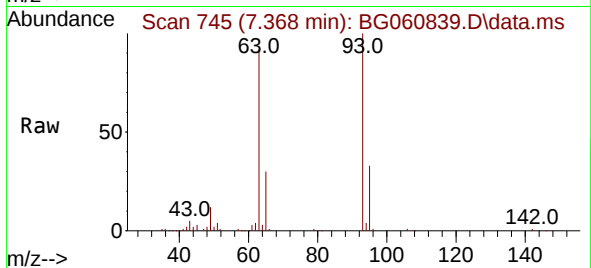




#11
bis(2-Chloroethyl)ether
Concen: 40.251 ng
RT: 7.368 min Scan# 748
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

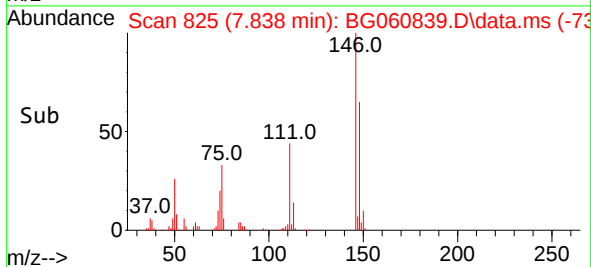
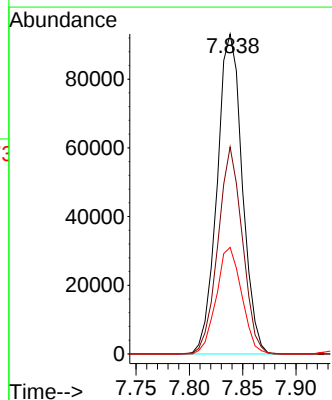
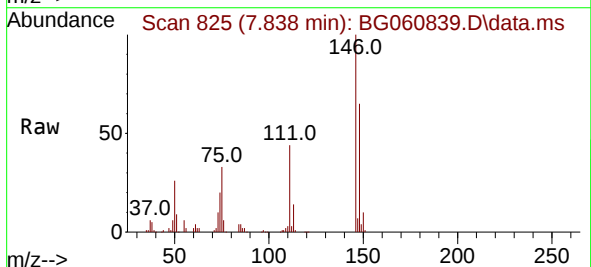
Instrument :
BNA_G
ClientSampleId :
PB160074BS

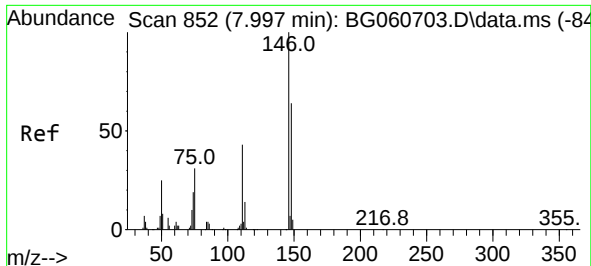
Tgt Ion: 93 Resp: 139870
Ion Ratio Lower Upper
93 100
63 92.1 73.7 113.7
95 32.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.555 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 146 Resp: 152589
Ion Ratio Lower Upper
146 100
148 64.7 53.0 79.4
75 33.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.650 ng

RT: 7.985 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

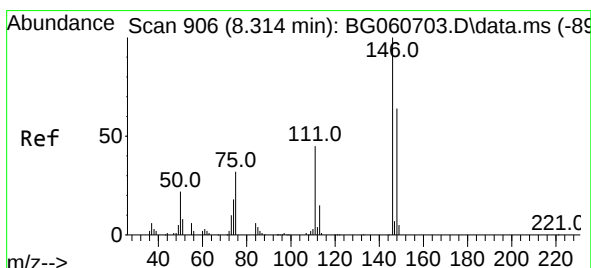
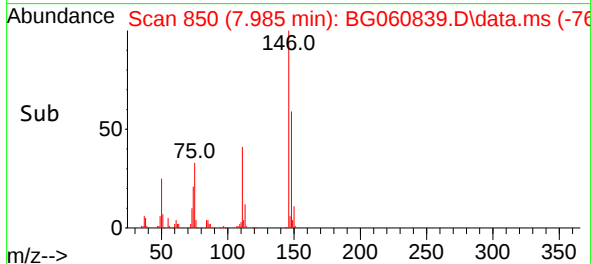
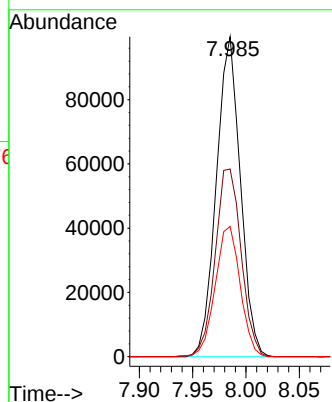
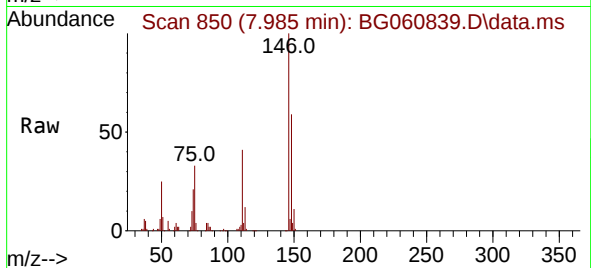
Tgt Ion:146 Resp: 156000

Ion Ratio Lower Upper

146 100

148 58.6 51.1 76.7

111 40.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 44.413 ng

RT: 8.302 min Scan# 904

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

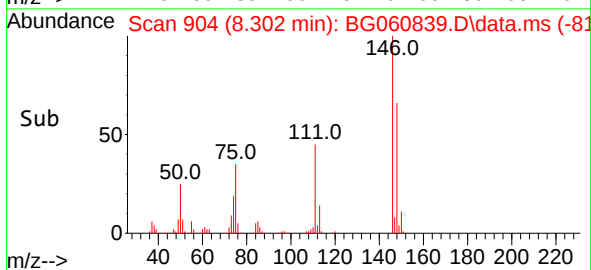
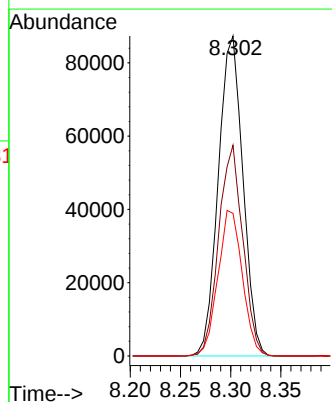
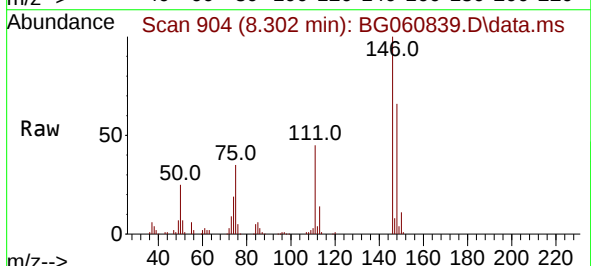
Tgt Ion:146 Resp: 148736

Ion Ratio Lower Upper

146 100

148 65.9 51.0 76.6

111 44.5 36.0 54.0

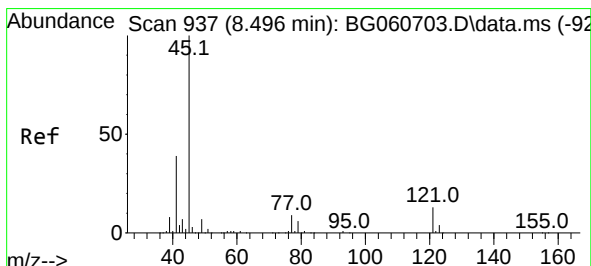
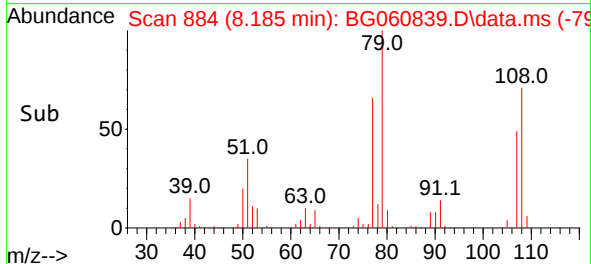
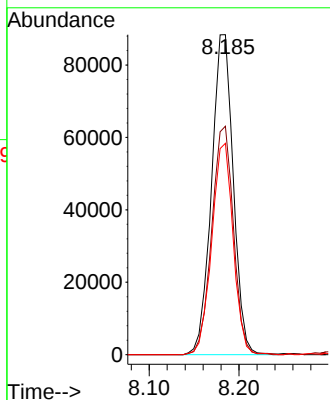
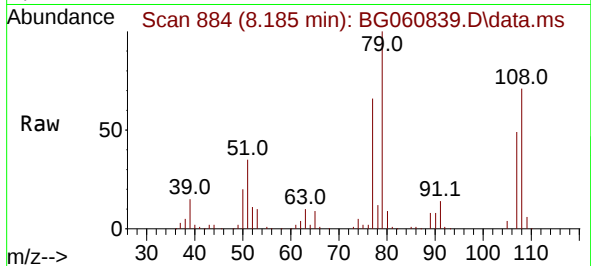




#15
Benzyl Alcohol
Concen: 43.577 ng
RT: 8.185 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

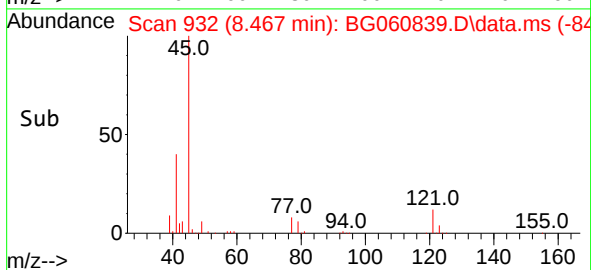
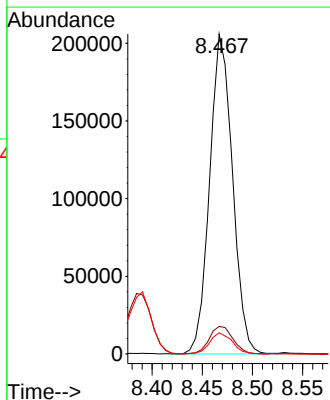
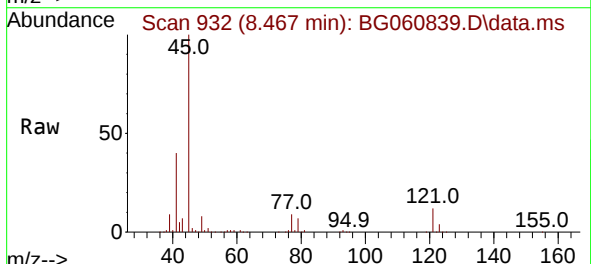
Instrument :
BNA_G
ClientSampleId :
PB160074BS

Tgt Ion: 79 Resp: 148864
Ion Ratio Lower Upper
79 100
108 71.4 61.4 92.0
77 66.1 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.653 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.029 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 45 Resp: 326653
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.1
79 6.6 0.0 26.5

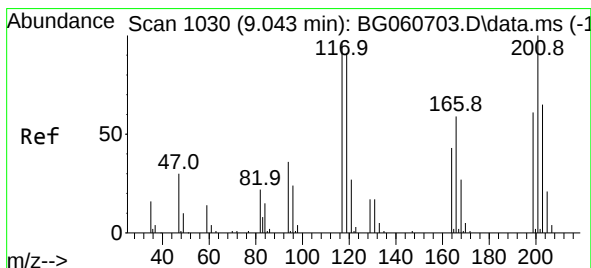
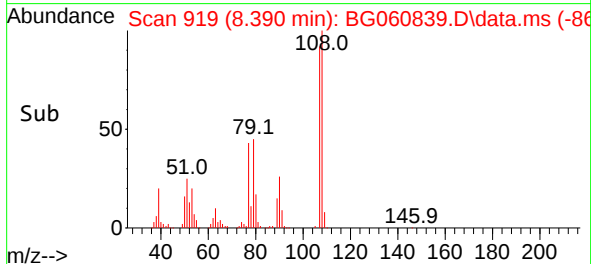
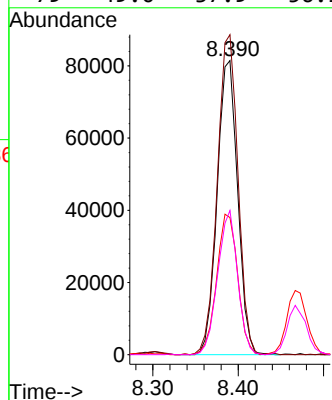
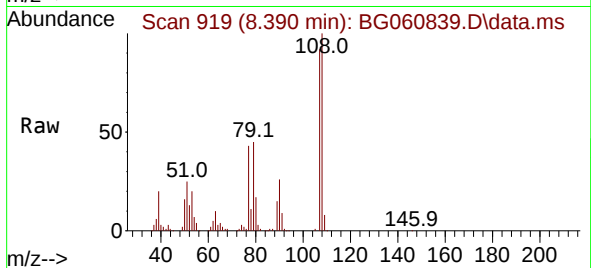




#17
2-Methylphenol
Concen: 41.871 ng
RT: 8.390 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

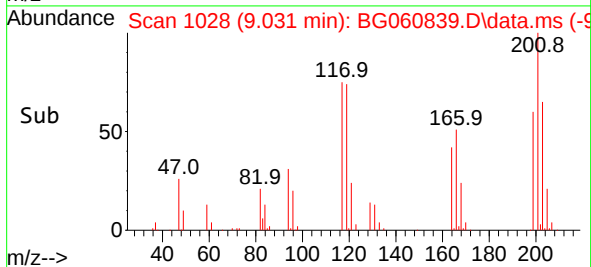
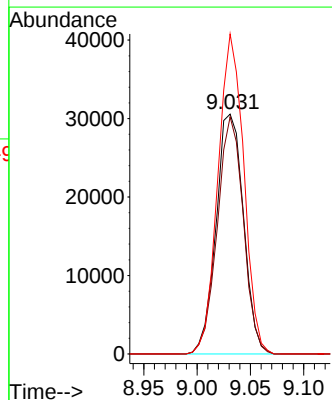
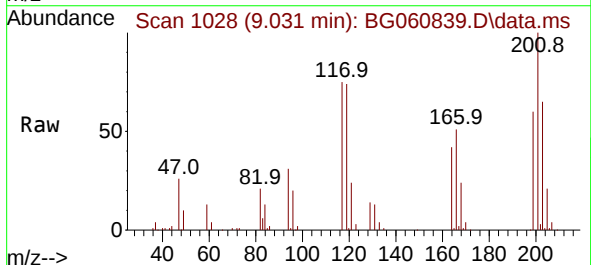
Instrument :
BNA_G
ClientSampleId :
PB160074BS

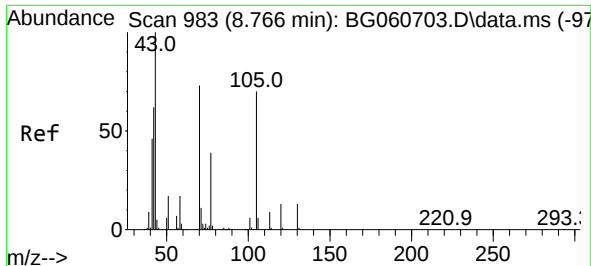
Tgt Ion:	107	Resp:	136046
Ion Ratio	Lower	Upper	
107	100		
108	108.8	86.4	129.6
77	46.6	38.6	58.0
79	49.0	37.9	56.9



#18
Hexachloroethane
Concen: 45.006 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:	117	Resp:	54623
Ion Ratio	Lower	Upper	
117	100		
119	98.9	75.7	113.5
201	133.4	83.4	125.2#

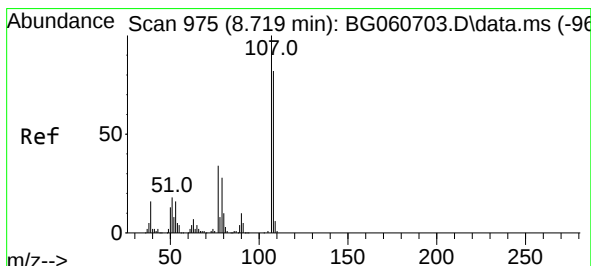
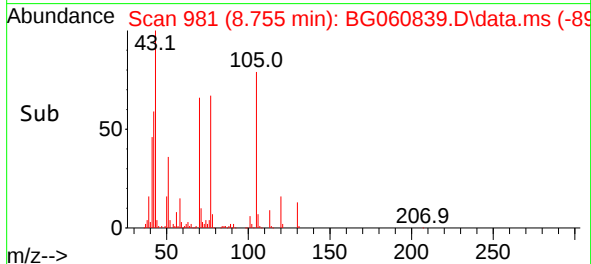
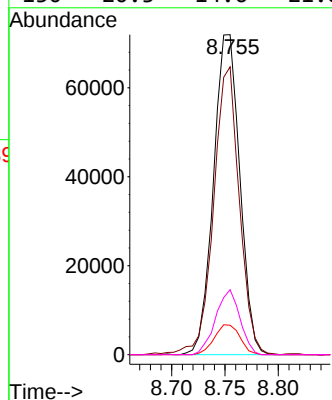
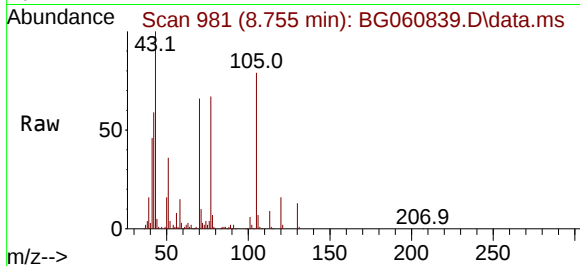




#19
n-Nitroso-di-n-propylamine
Concen: 38.354 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

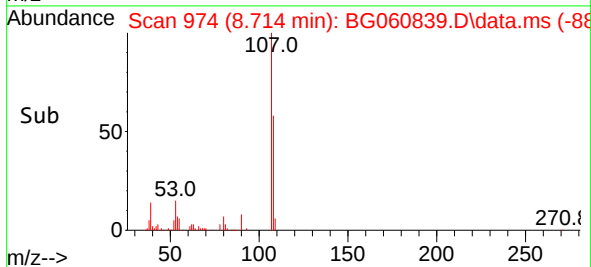
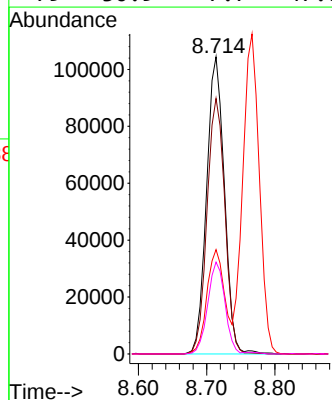
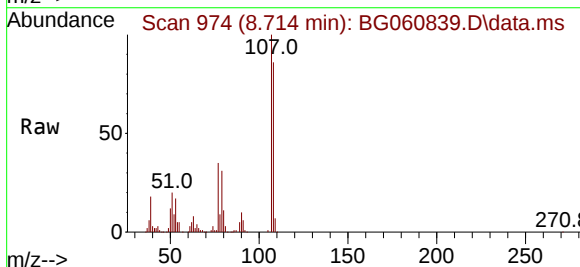
Instrument :
BNA_G
ClientSampleId :
PB160074BS

Tgt Ion: 70 Resp: 123351
Ion Ratio Lower Upper
70 100
42 90.0 68.4 102.6
101 9.2 6.1 9.1#
130 20.3 14.6 21.8



#20
3+4-Methylphenols
Concen: 42.585 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 107 Resp: 189476
Ion Ratio Lower Upper
107 100
108 86.0 62.2 102.2
77 35.1 14.1 54.1
79 30.9 7.7 47.7



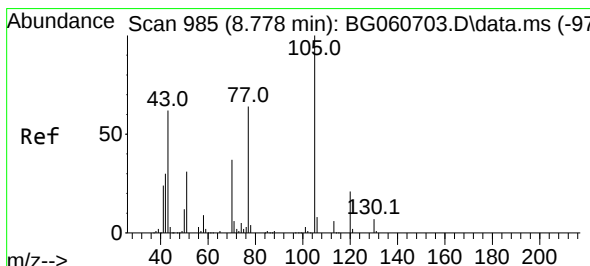
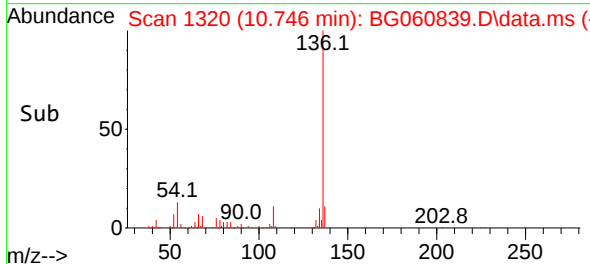
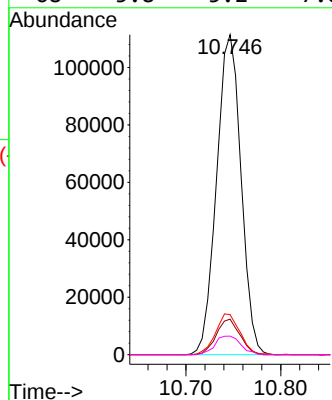
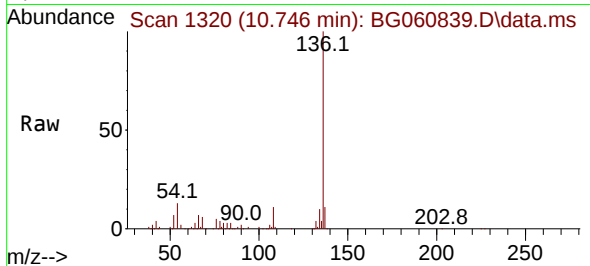


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :
BNA_G
ClientSampleId :
PB160074BS

Tgt Ion:136 Resp: 199433

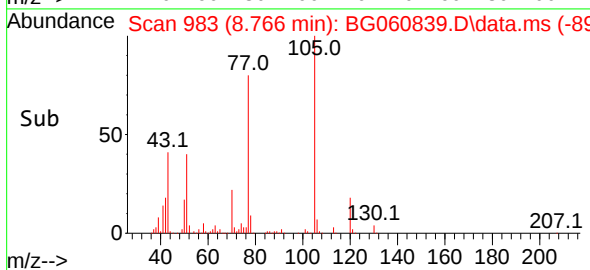
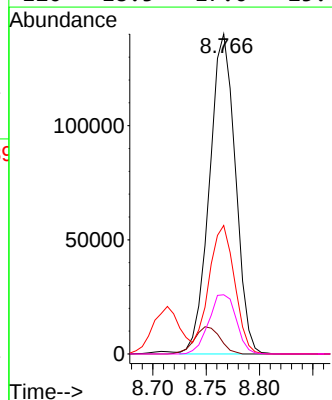
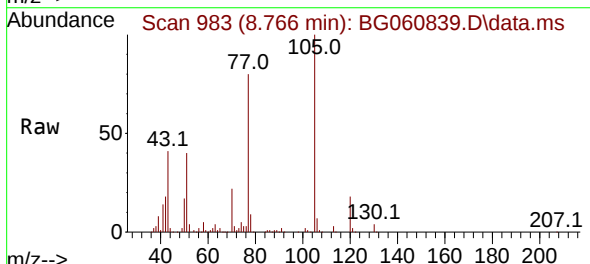
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.5	10.2	15.2
68	5.8	5.2	7.8

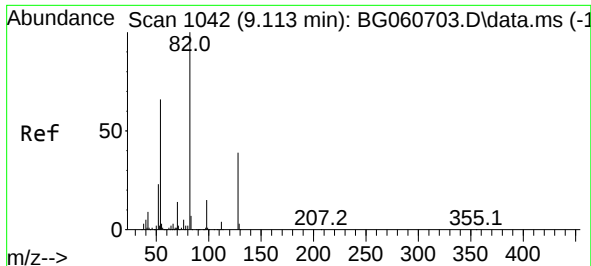


#22
Acetophenone
Concen: 43.037 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:105 Resp: 236667

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.9	7.3#
51	40.1	31.1	46.7
120	18.5	17.0	25.4

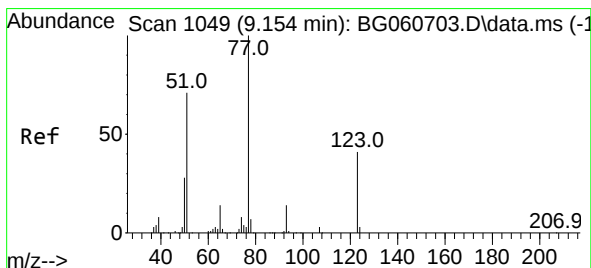
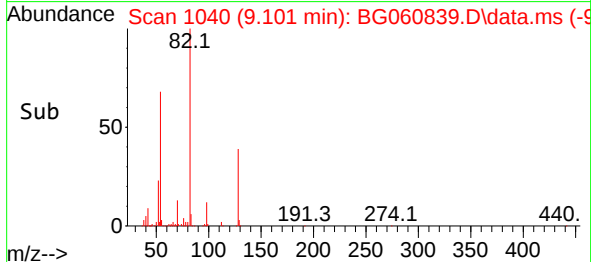
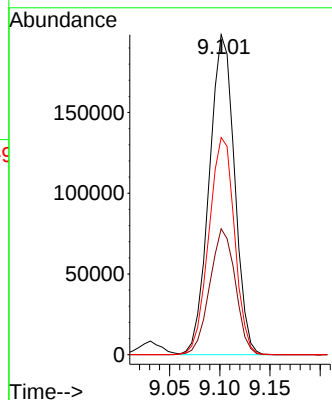
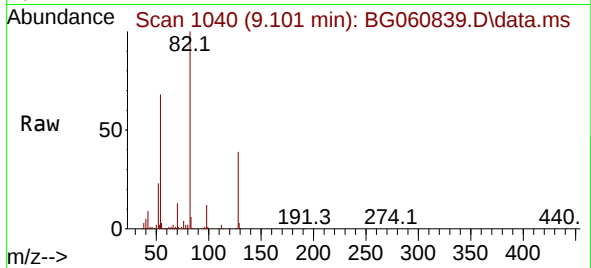




#23
Nitrobenzene-d5
Concen: 99.434 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

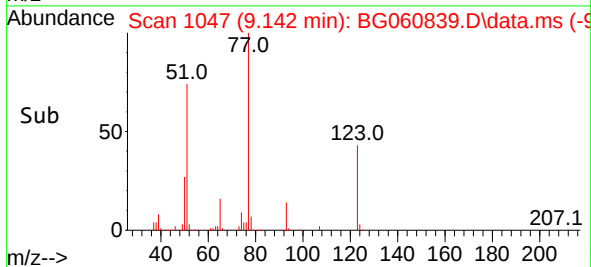
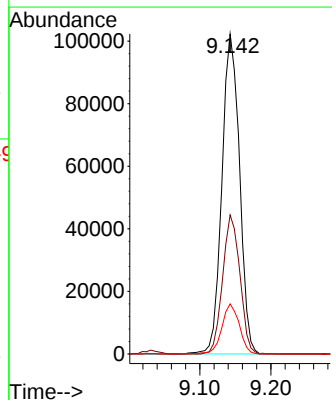
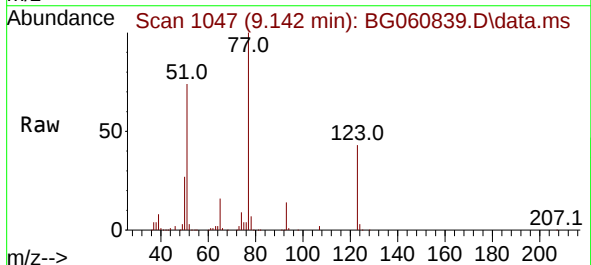
Instrument :
BNA_G
ClientSampleId :
PB160074BS

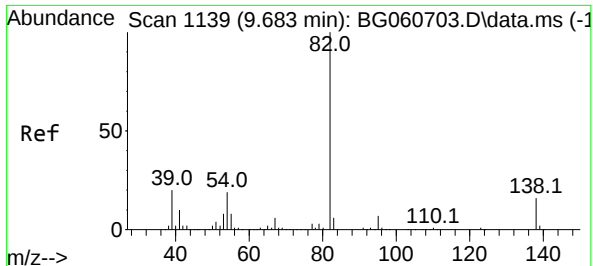
Tgt Ion: 82 Resp: 347528
Ion Ratio Lower Upper
82 100
128 39.3 31.2 46.8
54 67.9 53.2 79.8



#24
Nitrobenzene
Concen: 45.191 ng
RT: 9.142 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 77 Resp: 175141
Ion Ratio Lower Upper
77 100
123 43.4 32.7 49.1
65 15.6 11.3 16.9

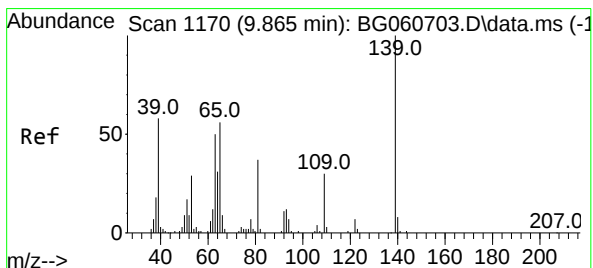
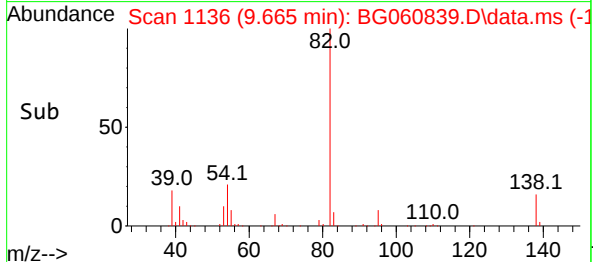
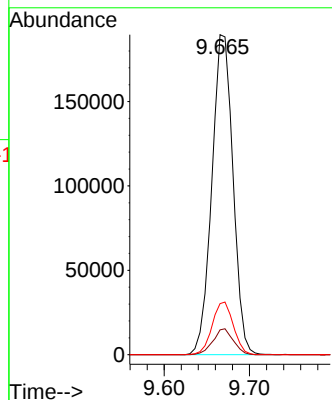
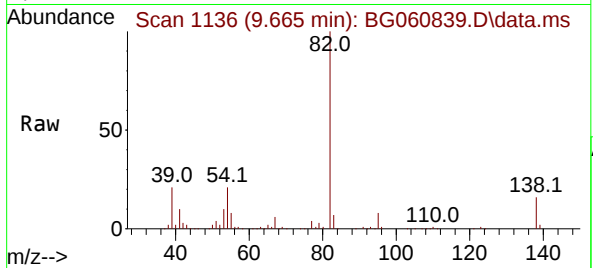




#25
Isophorone
Concen: 40.572 ng
RT: 9.665 min Scan# 1136
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

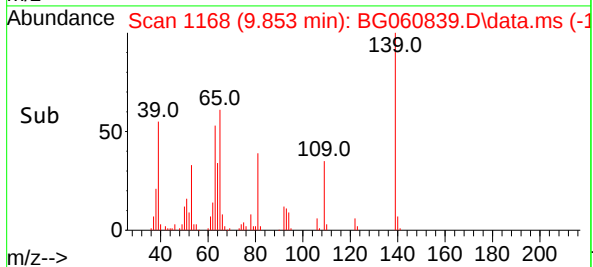
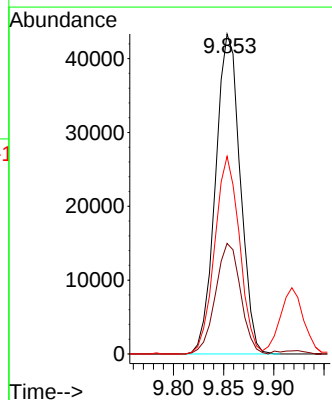
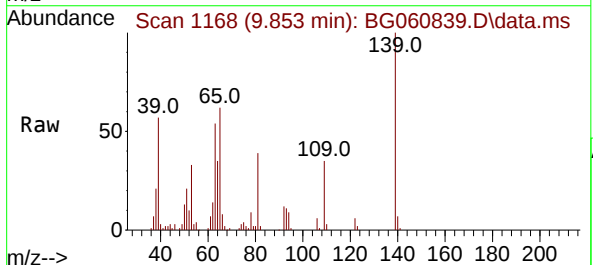
Instrument :
BNA_G
ClientSampleId :
PB160074BS

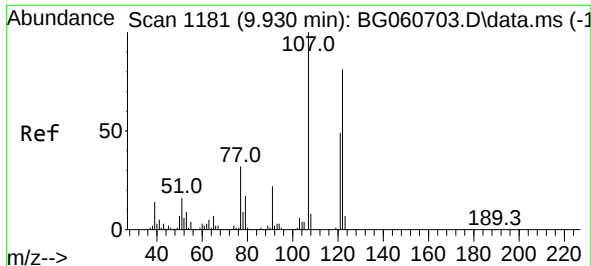
Tgt Ion: 82 Resp: 326609
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 16.0 13.0 19.4



#26
2-Nitrophenol
Concen: 53.224 ng
RT: 9.853 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 139 Resp: 74146
Ion Ratio Lower Upper
139 100
109 34.5 23.9 35.9
65 61.7 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 35.794 ng

RT: 9.918 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

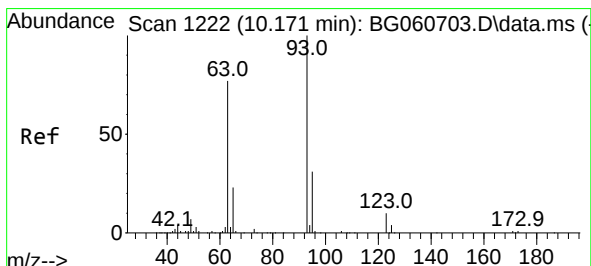
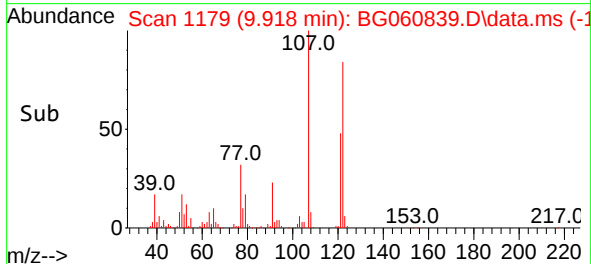
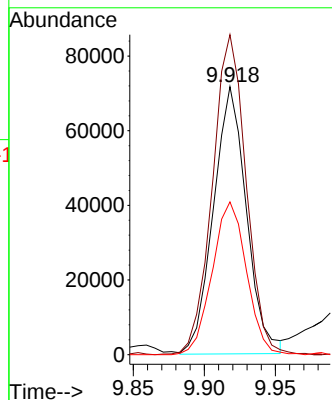
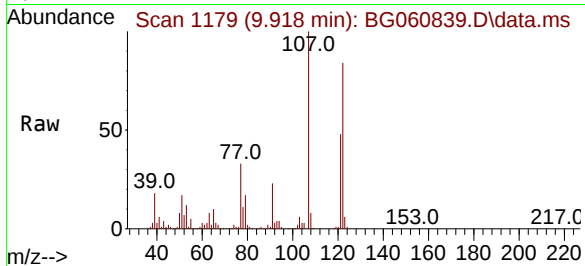
Tgt Ion:122 Resp: 115746

Ion Ratio Lower Upper

122 100

107 119.4 98.6 147.8

121 57.0 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.228 ng

RT: 10.153 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

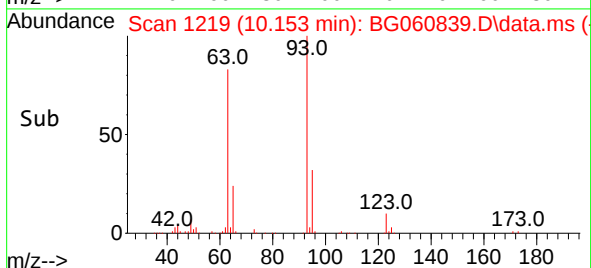
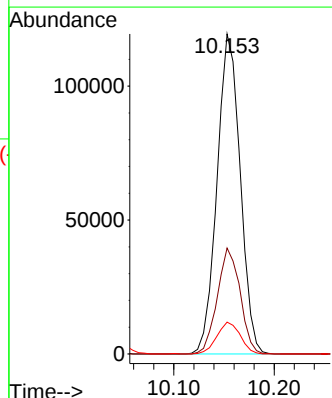
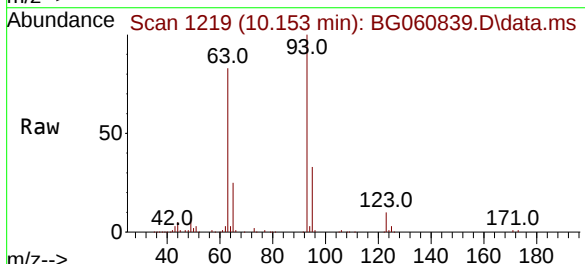
Tgt Ion: 93 Resp: 191188

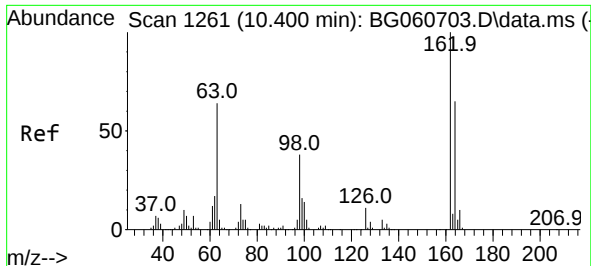
Ion Ratio Lower Upper

93 100

95 33.1 25.1 37.7

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 52.208 ng

RT: 10.388 min Scan# 1259

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

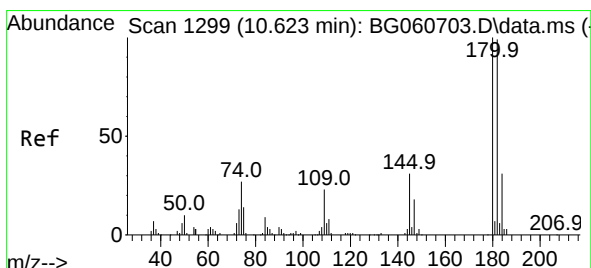
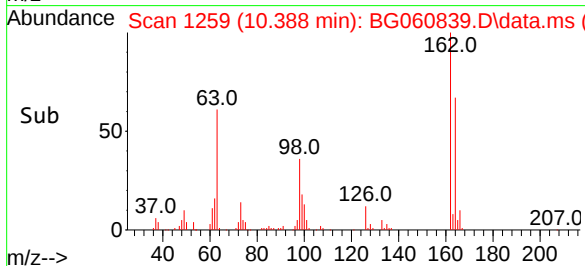
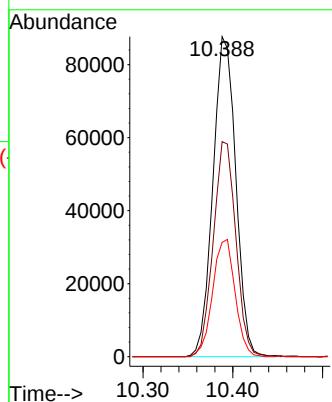
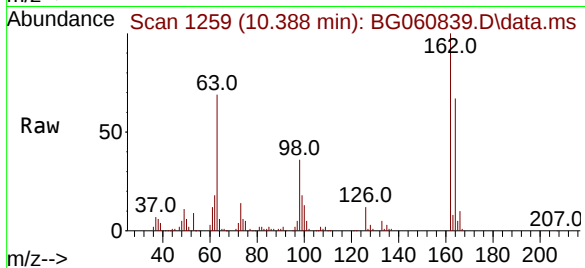
Tgt Ion:162 Resp: 155030

Ion Ratio Lower Upper

162 100

164 67.2 45.2 85.2

98 35.7 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 47.701 ng

RT: 10.611 min Scan# 1297

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

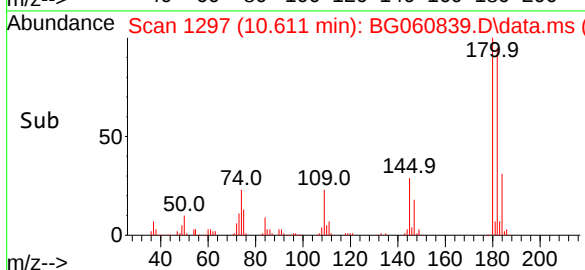
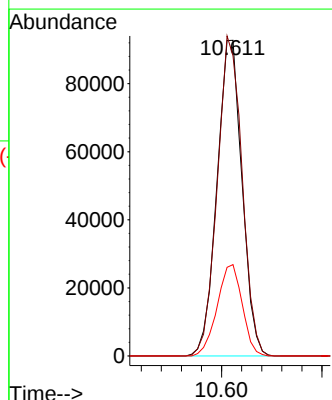
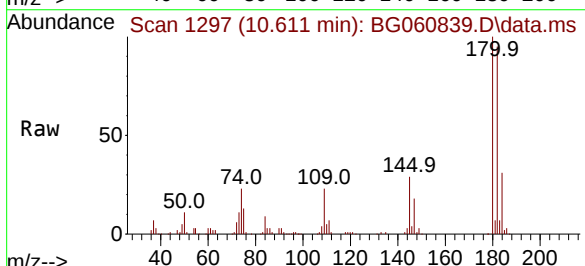
Tgt Ion:180 Resp: 160392

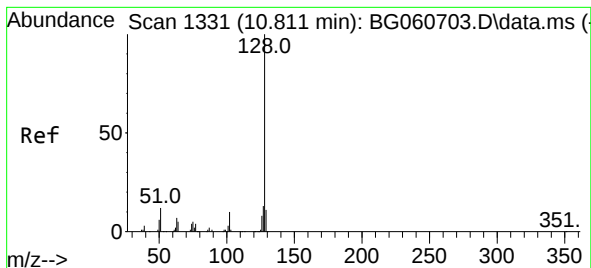
Ion Ratio Lower Upper

180 100

182 95.1 79.0 118.4

145 28.9 24.9 37.3

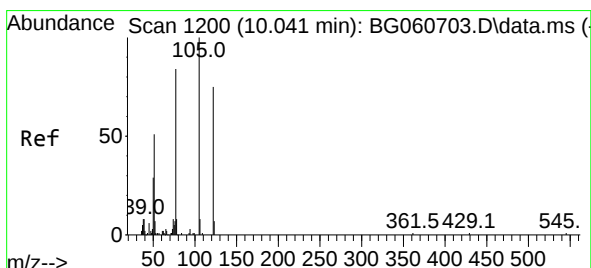
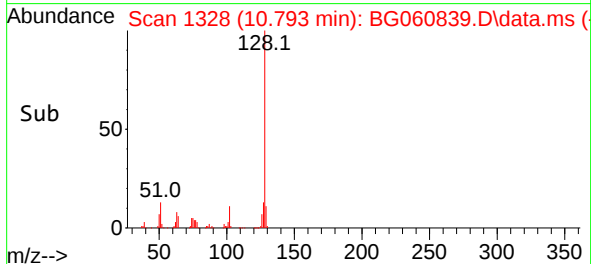
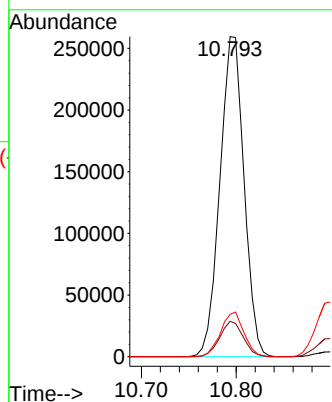
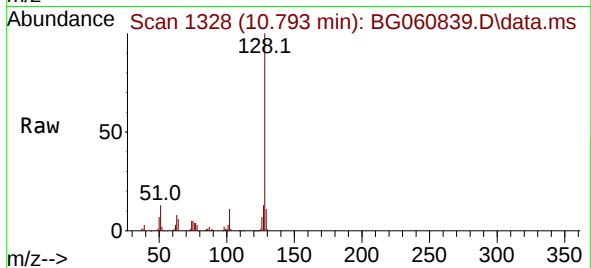




#31
Naphthalene
Concen: 42.564 ng
RT: 10.793 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

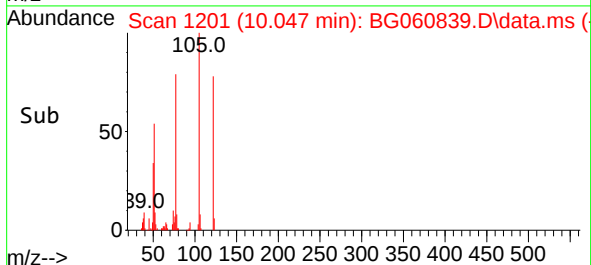
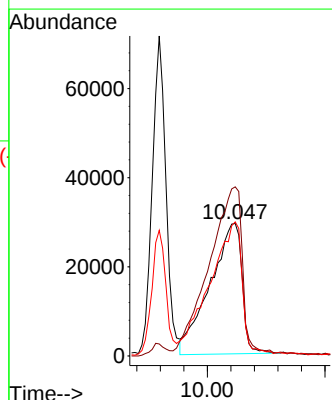
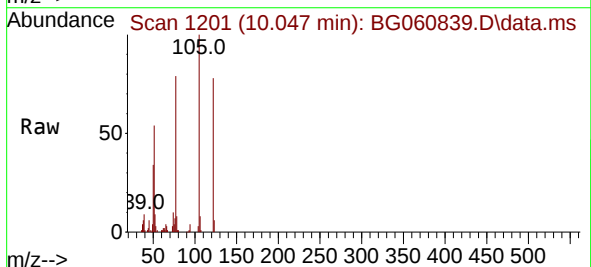
Instrument :
BNA_G
ClientSampleId :
PB160074BS

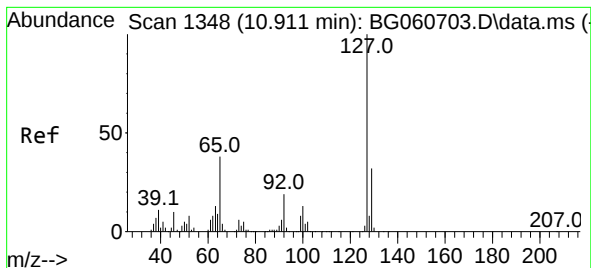
Tgt Ion:128 Resp: 459188
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 50.752 ng
RT: 10.047 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:122 Resp: 110176
Ion Ratio Lower Upper
122 100
105 127.6 104.5 144.5
77 101.2 85.3 125.3

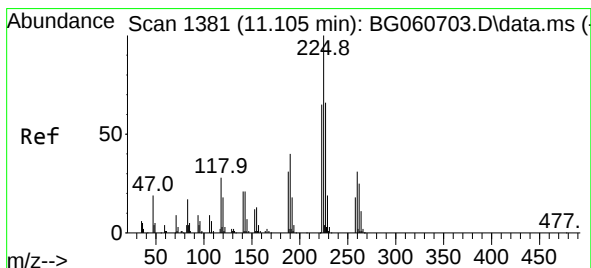
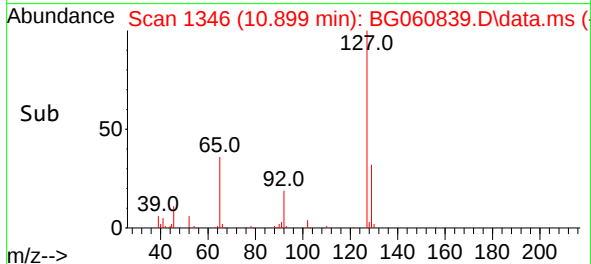
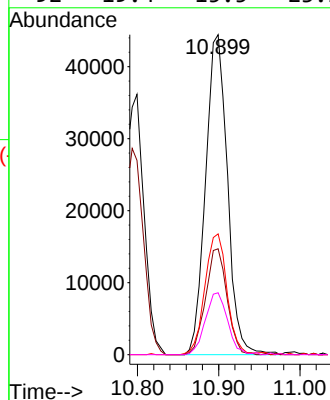
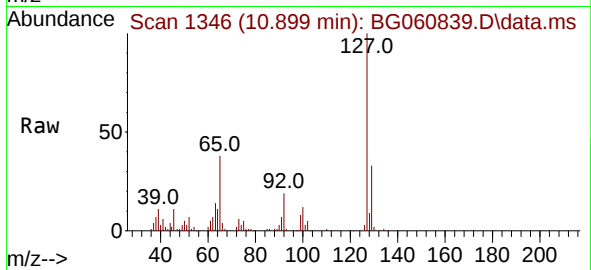




#33
4-Chloroaniline
Concen: 16.555 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

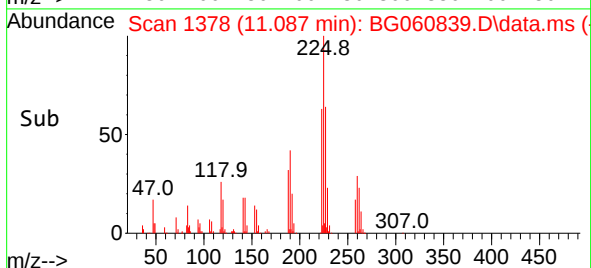
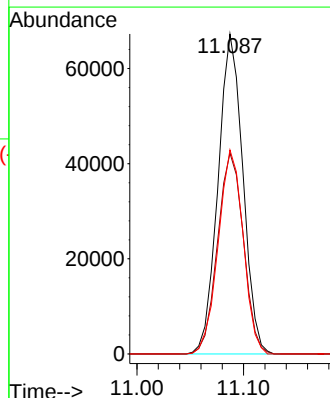
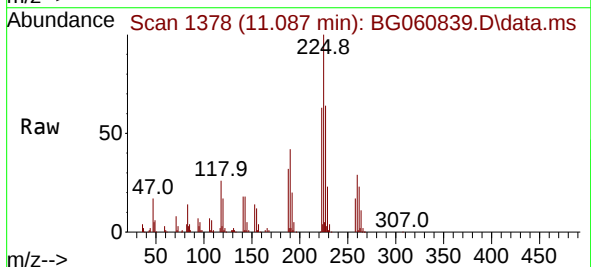
Instrument :
BNA_G
ClientSampleId :
PB160074BS

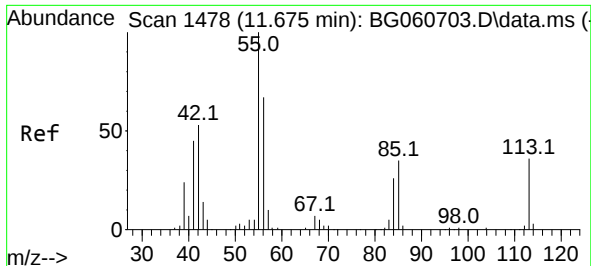
Tgt Ion:127	Resp:	82952	
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.3	37.9
65	37.7	30.2	45.2
92	19.4	15.5	23.3



#34
Hexachlorobutadiene
Concen: 48.571 ng
RT: 11.087 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:225	Resp:	108844	
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.0	78.0
227	63.8	52.5	78.7

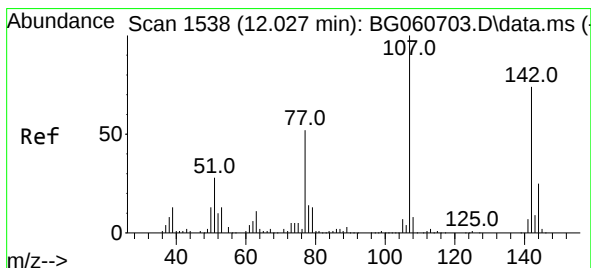
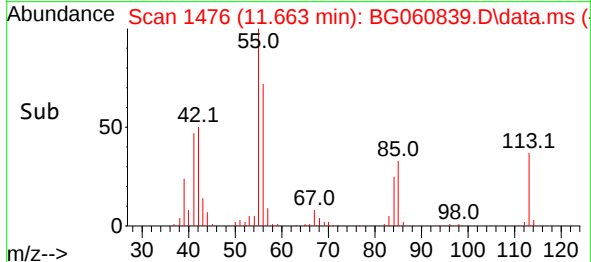
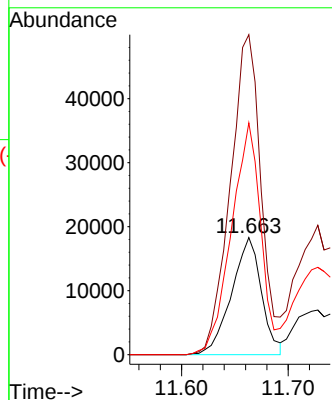
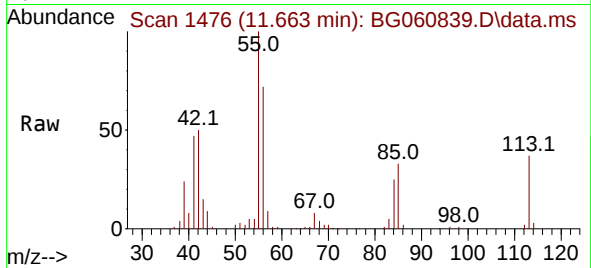




#35
 Caprolactam
 Concen: 30.398 ng
 RT: 11.663 min Scan# 1478
 Delta R.T. -0.012 min
 Lab File: BG060839.D
 Acq: 9 Apr 2024 10:51

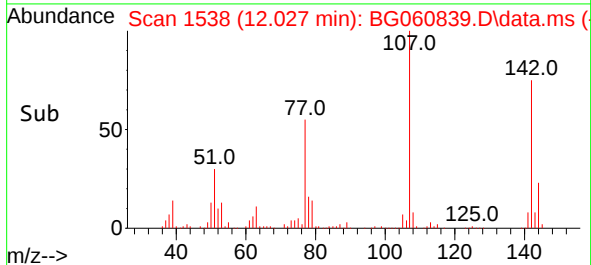
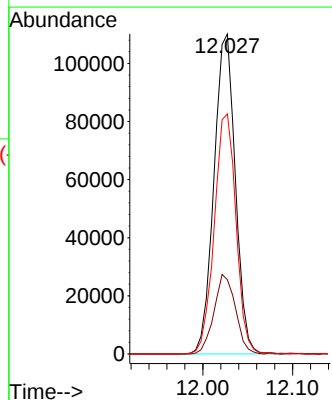
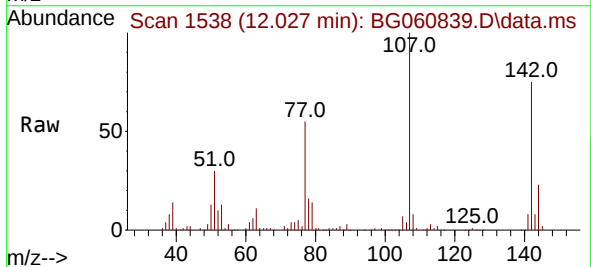
Instrument :
 BNA_G
 ClientSampleId :
 PB160074BS

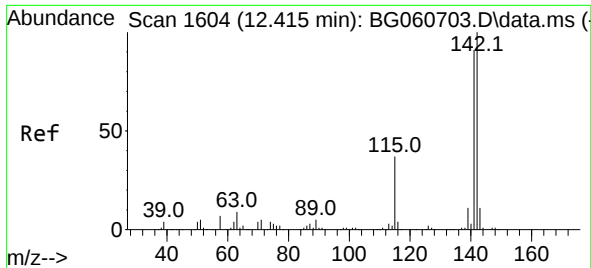
Tgt Ion:113 Resp: 35751
 Ion Ratio Lower Upper
 113 100
 55 273.0 258.0 298.0
 56 197.8 166.3 206.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.999 ng
 RT: 12.027 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: BG060839.D
 Acq: 9 Apr 2024 10:51

Tgt Ion:107 Resp: 182081
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.0 30.0
 142 75.0 59.2 88.8

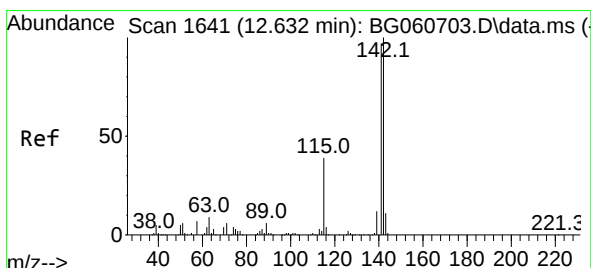
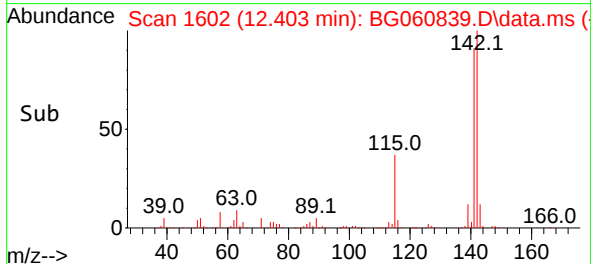
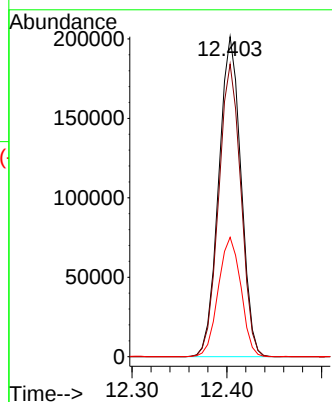
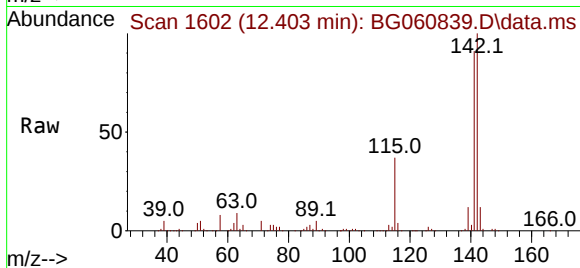




#37
2-Methylnaphthalene
Concen: 41.466 ng
RT: 12.403 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

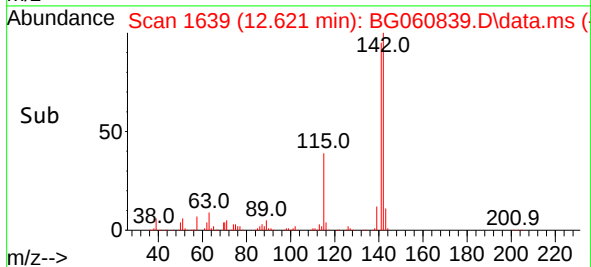
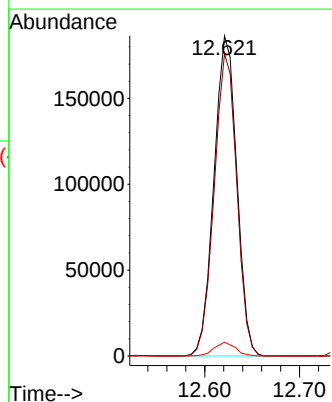
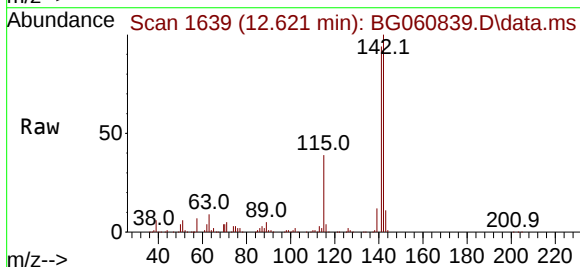
Instrument :
BNA_G
ClientSampleId :
PB160074BS

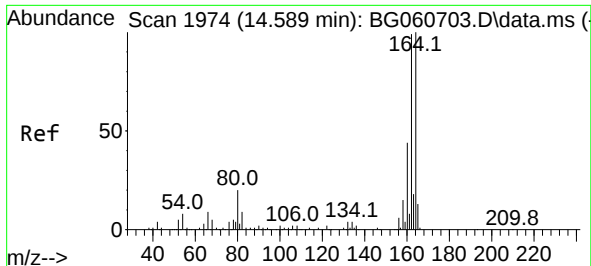
Tgt Ion:142 Resp: 328882
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 37.3 29.9 44.9



#38
1-Methylnaphthalene
Concen: 41.610 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:142 Resp: 311770
Ion Ratio Lower Upper
142 100
141 94.5 77.7 116.5
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1974

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

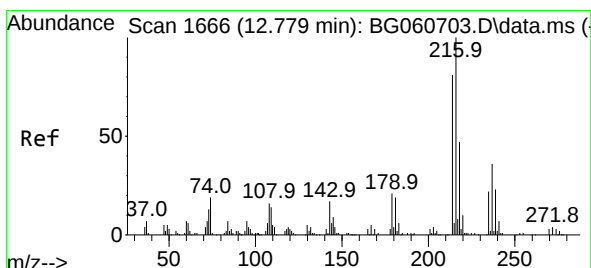
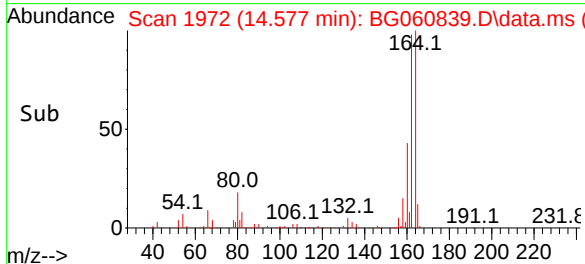
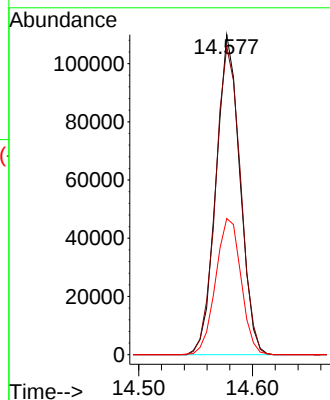
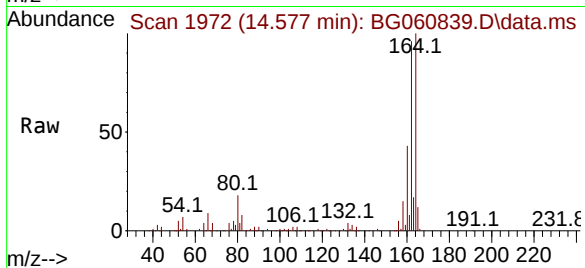
Tgt Ion:164 Resp: 160636

Ion Ratio Lower Upper

164 100

162 96.2 79.5 119.3

160 42.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.993 ng

RT: 12.774 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Tgt Ion:216 Resp: 212399

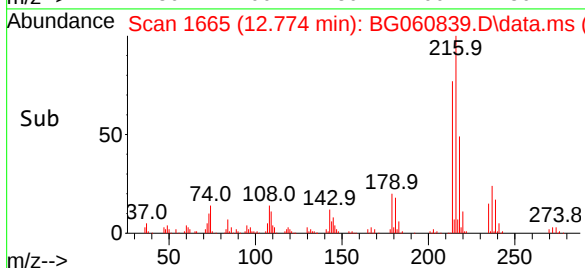
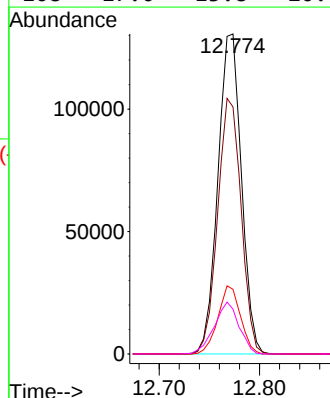
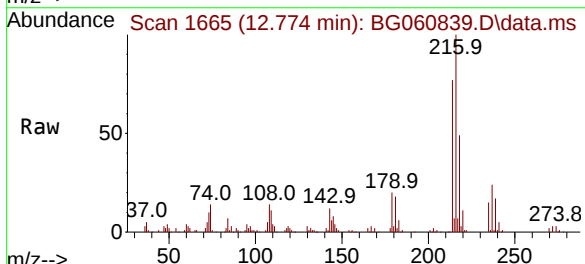
Ion Ratio Lower Upper

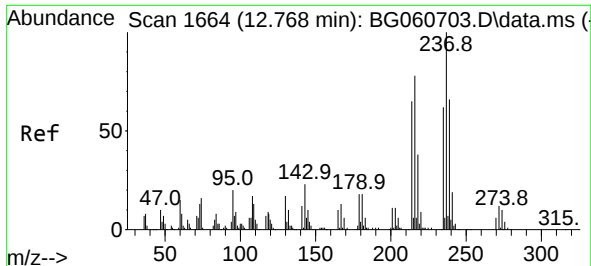
216 100

214 79.6 63.1 94.7

179 20.4 16.7 25.1

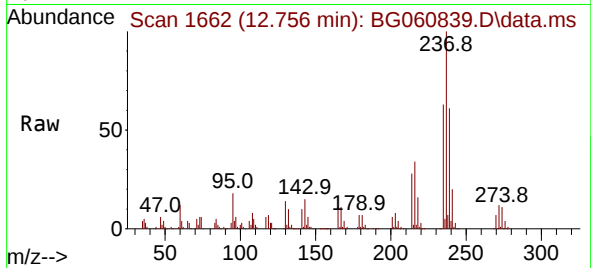
108 17.0 13.8 20.6



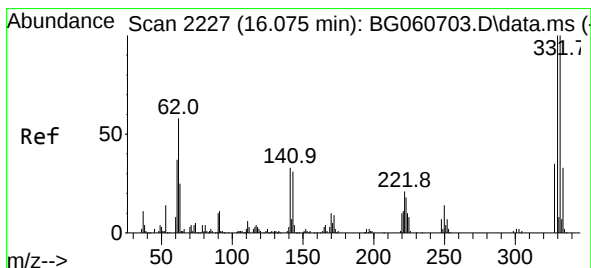
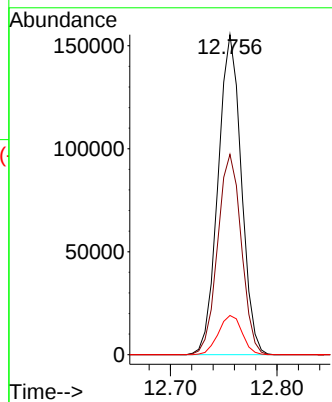
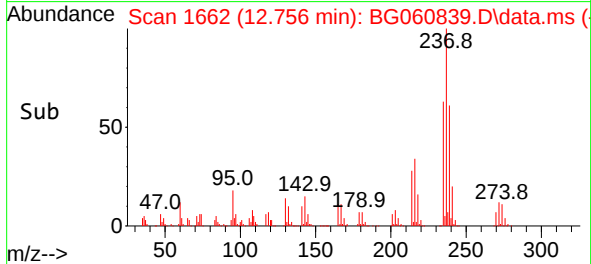


#41
Hexachlorocyclopentadiene
Concen: 100.110 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

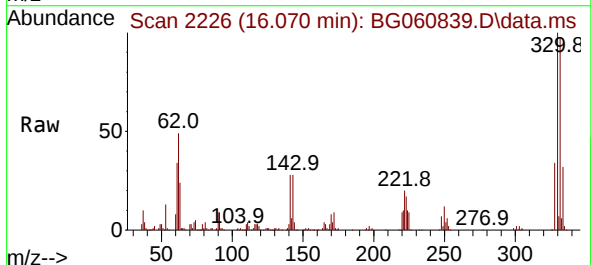
Instrument :
BNA_G
ClientSampleId :
PB160074BS



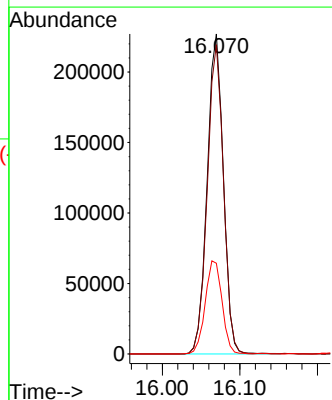
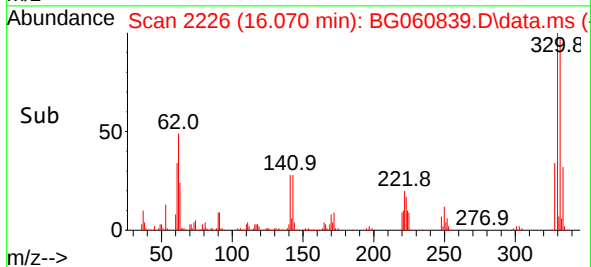
Tgt Ion:237 Resp: 235078
Ion Ratio Lower Upper
237 100
235 62.6 42.0 82.0
272 12.3 0.0 32.4

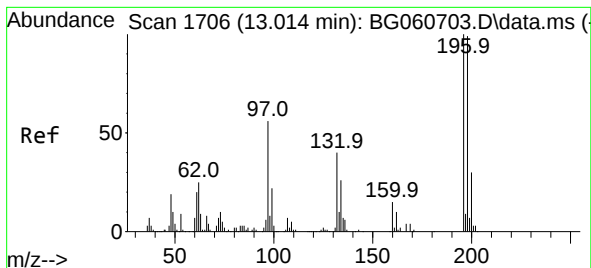


#42
2,4,6-Tribromophenol
Concen: 180.552 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:330 Resp: 329233
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 30.3 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 52.301 ng

RT: 13.009 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060839.D

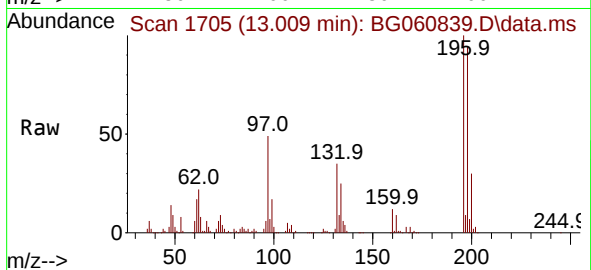
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



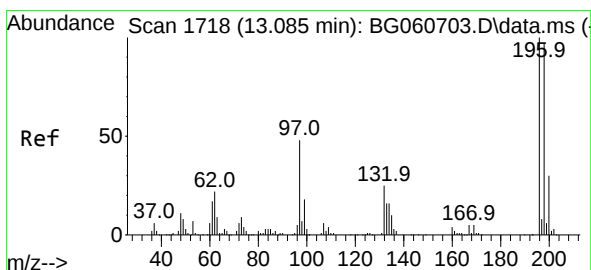
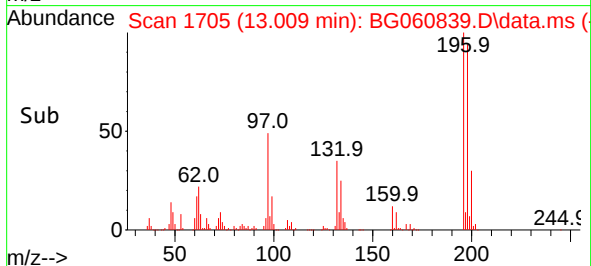
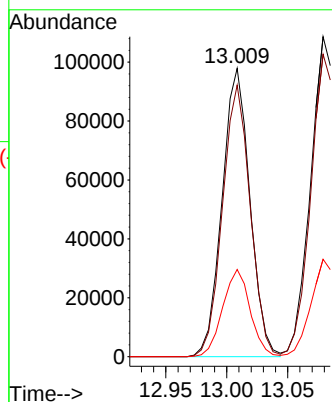
Tgt Ion:196 Resp: 155524

Ion Ratio Lower Upper

196 100

198 94.2 79.1 118.7

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.363 ng

RT: 13.079 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Tgt Ion:196 Resp: 175177

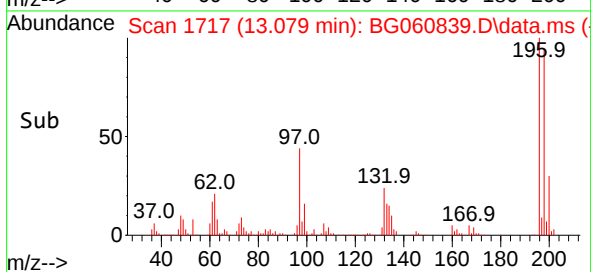
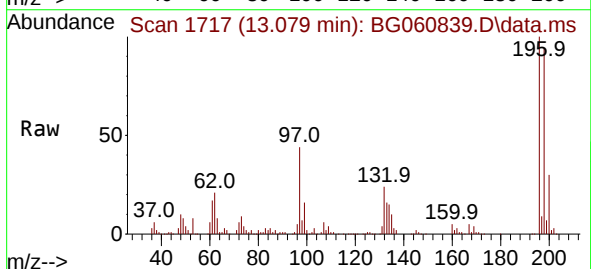
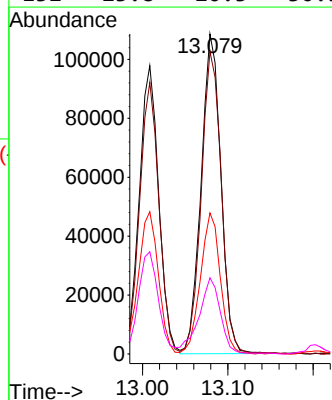
Ion Ratio Lower Upper

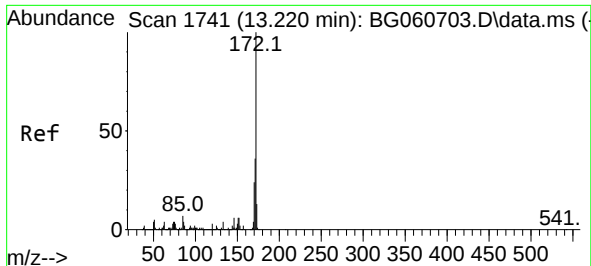
196 100

198 94.5 77.8 116.8

97 44.1 38.2 57.4

132 23.8 20.3 30.5

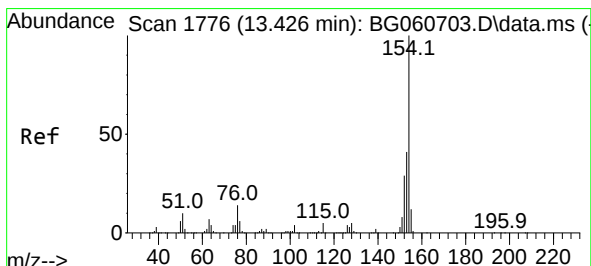
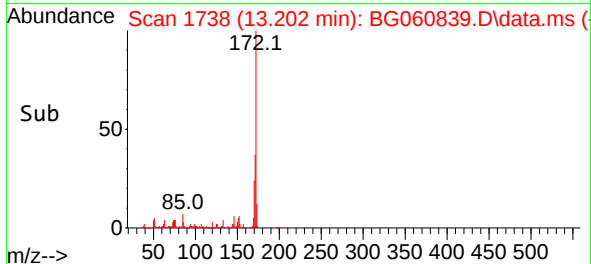
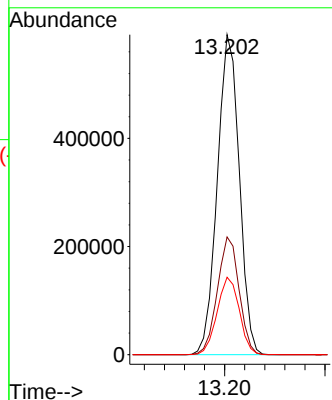
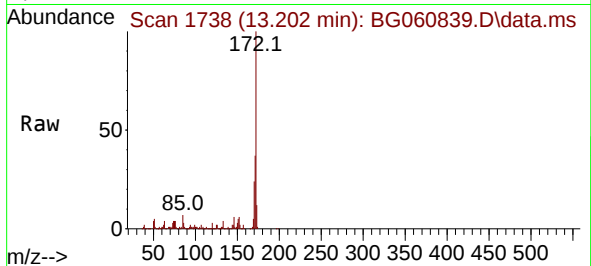




#45
2-Fluorobiphenyl
Concen: 82.051 ng
RT: 13.202 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

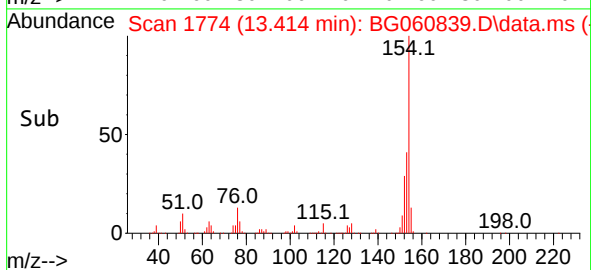
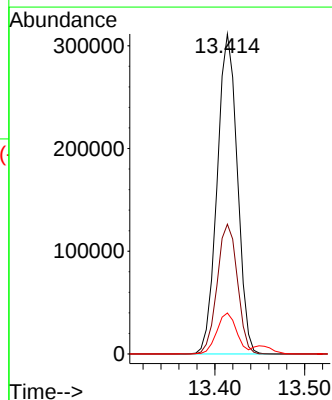
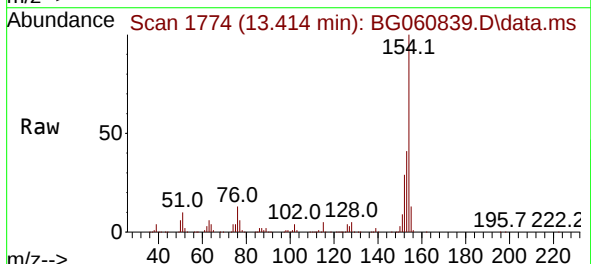
Instrument :
BNA_G
ClientSampleId :
PB160074BS

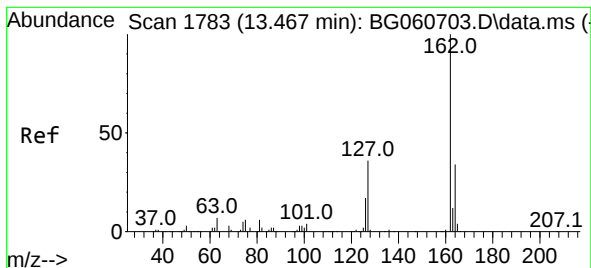
Tgt Ion:172 Resp: 898074
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.2 19.4 29.0



#46
1,1'-Biphenyl
Concen: 42.709 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:154 Resp: 484586
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 44.321 ng

RT: 13.455 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

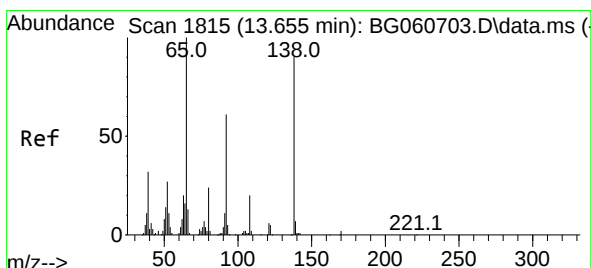
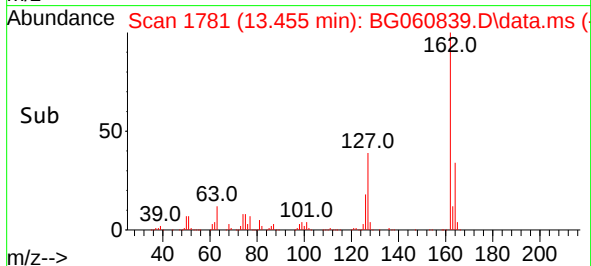
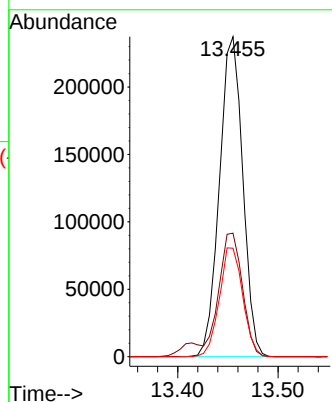
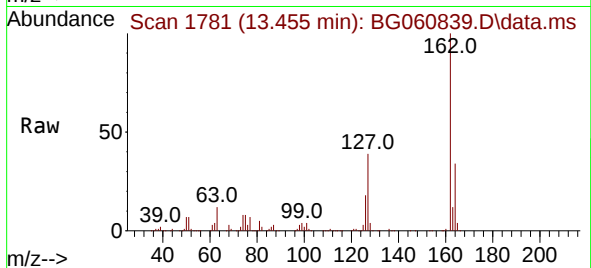
Tgt Ion:162 Resp: 382077

Ion Ratio Lower Upper

162 100

127 38.6 30.6 46.0

164 33.9 26.9 40.3



#48

2-Nitroaniline

Concen: 52.566 ng

RT: 13.649 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

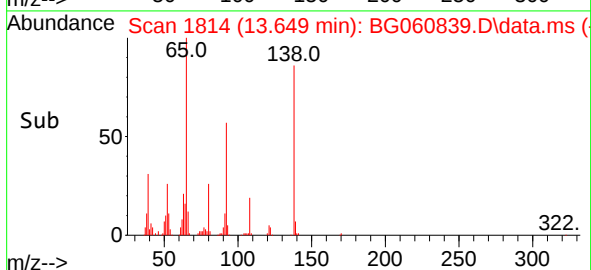
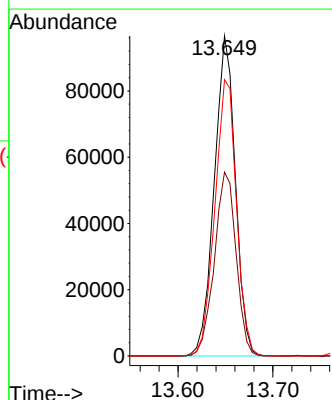
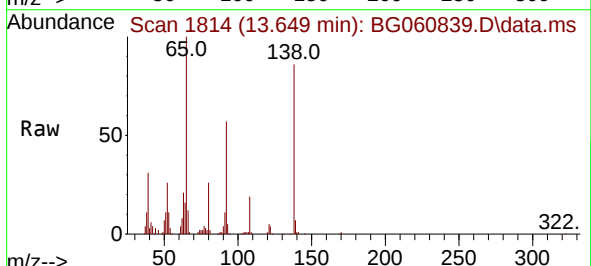
Tgt Ion: 65 Resp: 149335

Ion Ratio Lower Upper

65 100

92 57.4 48.6 72.8

138 86.4 72.2 108.4

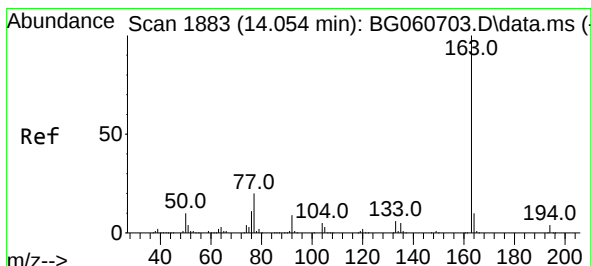
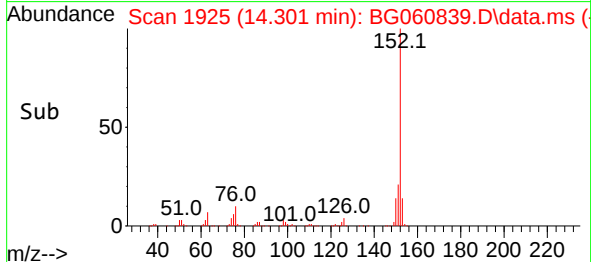
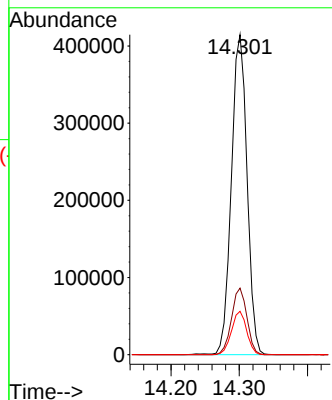
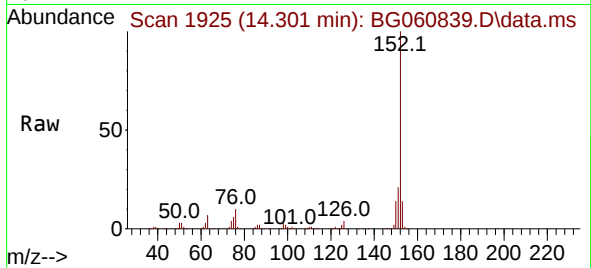




#49
Acenaphthylene
Concen: 45.774 ng
RT: 14.301 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

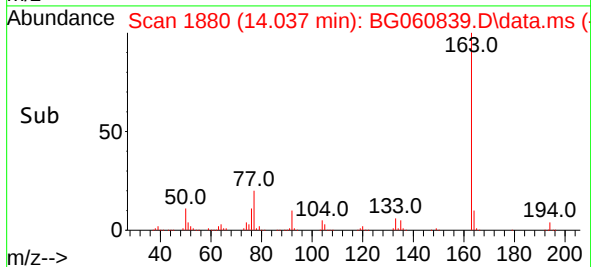
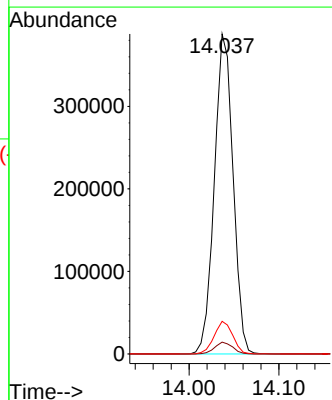
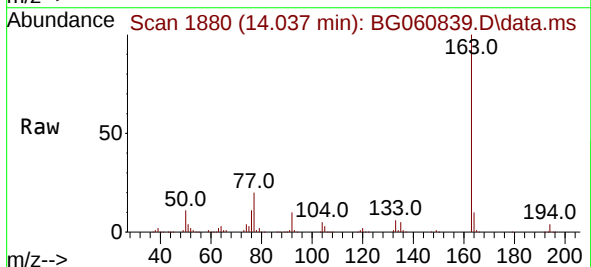
Instrument :
BNA_G
ClientSampleId :
PB160074BS

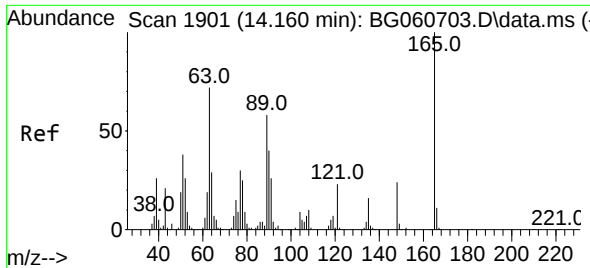
Tgt Ion:152 Resp: 663023
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 44.170 ng
RT: 14.037 min Scan# 1880
Delta R.T. -0.017 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:163 Resp: 560821
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 7.9 11.9

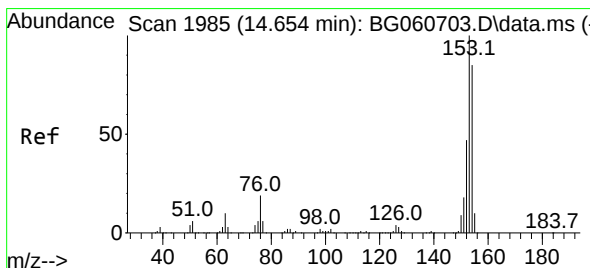
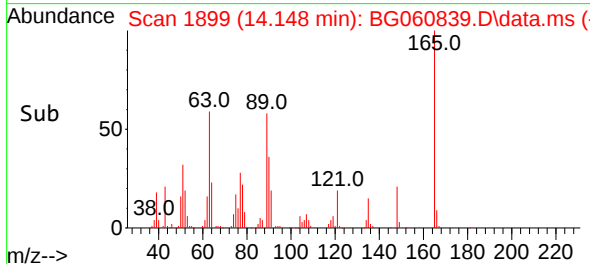
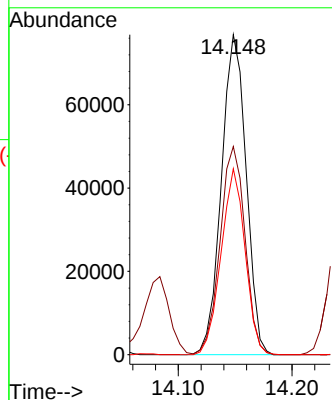
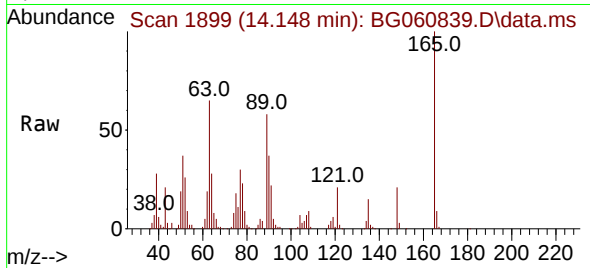




#51
2,6-Dinitrotoluene
Concen: 50.872 ng
RT: 14.148 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

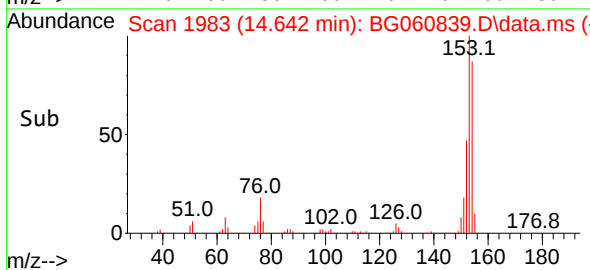
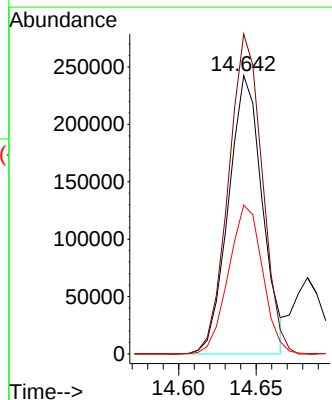
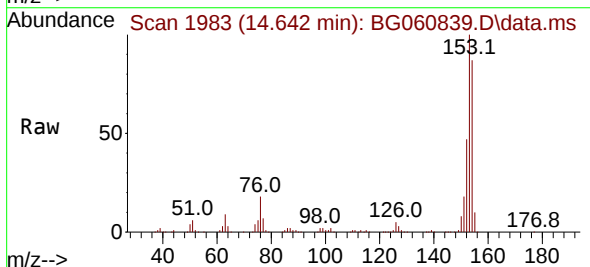
Instrument :
BNA_G
ClientSampleId :
PB160074BS

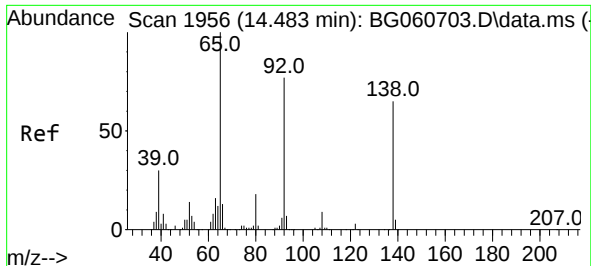
Tgt Ion:165 Resp: 116159
Ion Ratio Lower Upper
165 100
63 65.0 58.2 87.4
89 58.1 46.1 69.1



#52
Acenaphthene
Concen: 40.483 ng
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:154 Resp: 368166
Ion Ratio Lower Upper
154 100
153 114.9 93.9 140.9
152 53.5 44.1 66.1

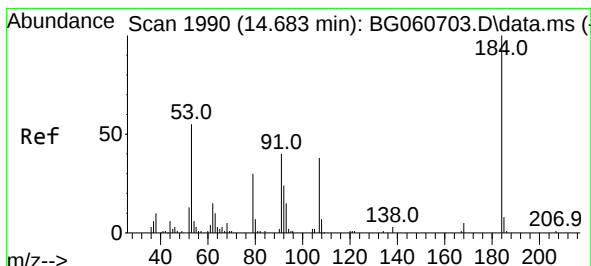
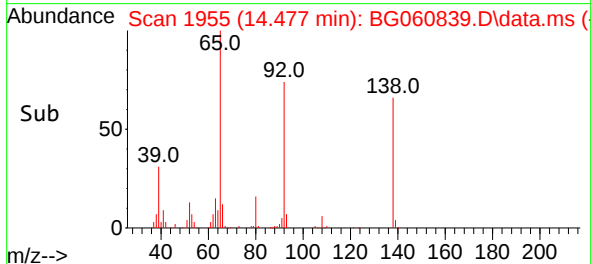
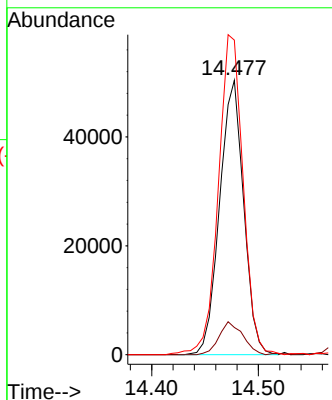
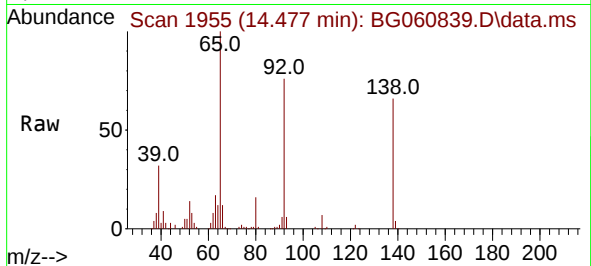




#53
3-Nitroaniline
Concen: 32.551 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

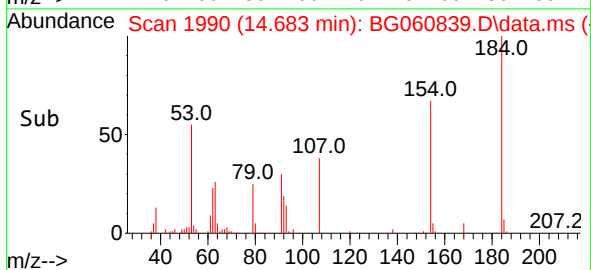
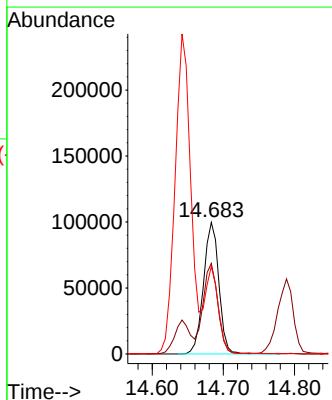
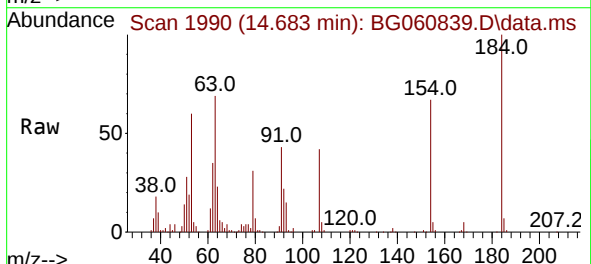
Instrument :
BNA_G
ClientSampleId :
PB160074BS

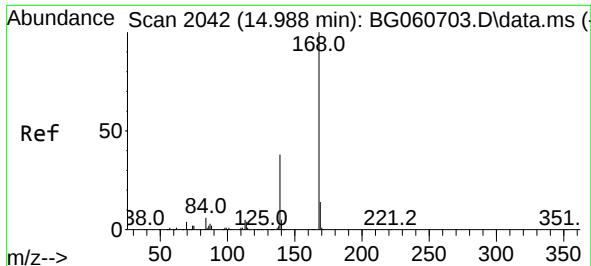
Tgt Ion:138 Resp: 78745
Ion Ratio Lower Upper
138 100
108 9.9 11.3 16.9#
92 114.7 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 170.075 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:184 Resp: 150308
Ion Ratio Lower Upper
184 100
63 68.8 51.3 76.9
154 66.7 59.9 89.9

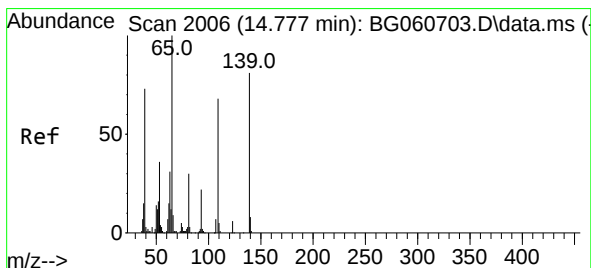
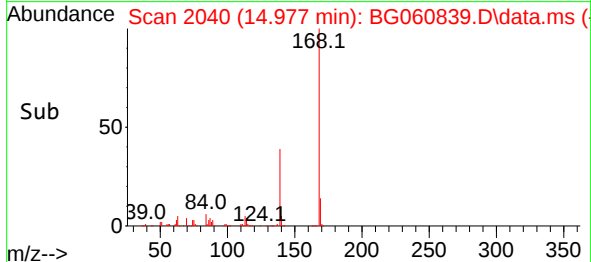
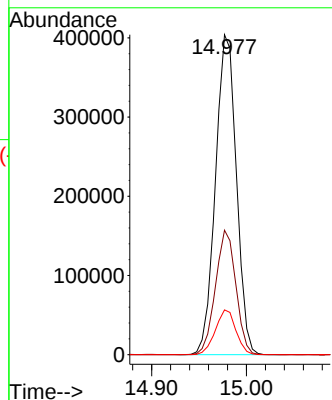
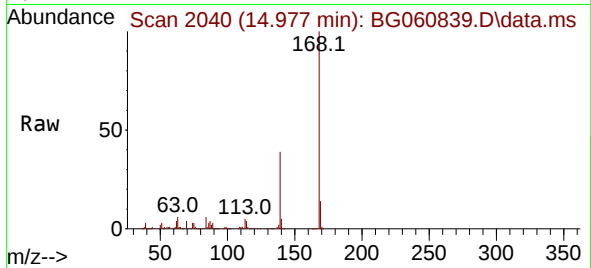




#55
Dibenzofuran
Concen: 43.200 ng
RT: 14.977 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

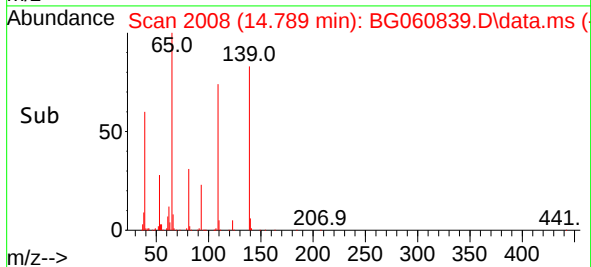
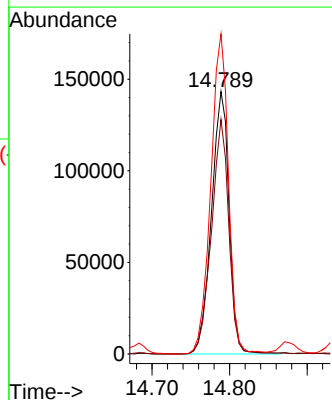
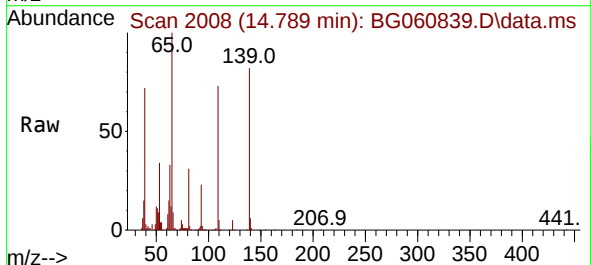
Instrument :
BNA_G
ClientSampleId :
PB160074BS

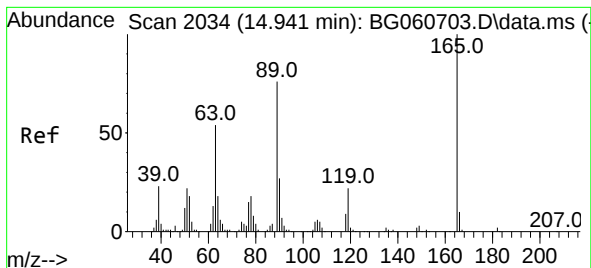
Tgt Ion:168 Resp: 619706
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 122.032 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

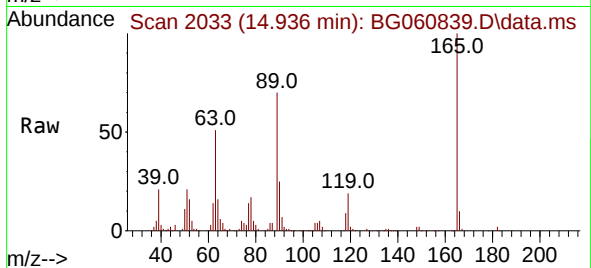
Tgt Ion:139 Resp: 226507
Ion Ratio Lower Upper
139 100
109 89.4 64.0 104.0
65 121.9 104.3 144.3



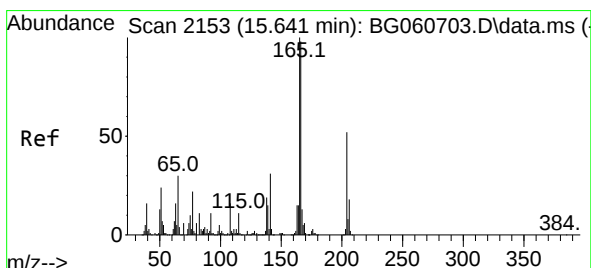
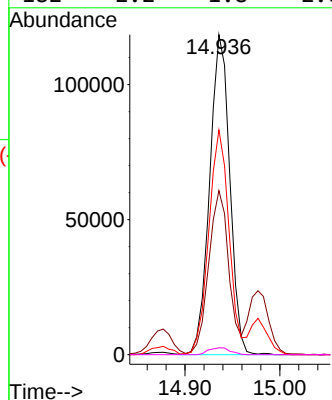
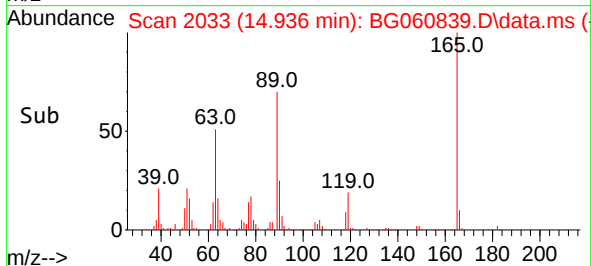


#57
2,4-Dinitrotoluene
Concen: 57.845 ng
RT: 14.936 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

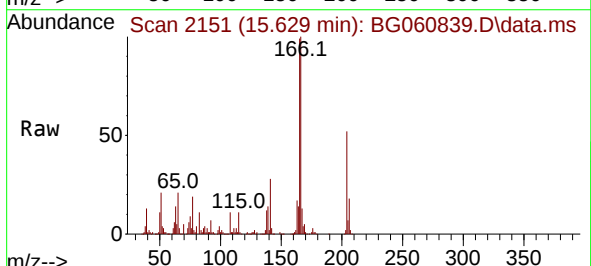
Instrument :
BNA_G
ClientSampleId :
PB160074BS



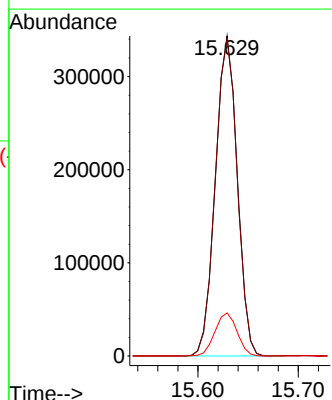
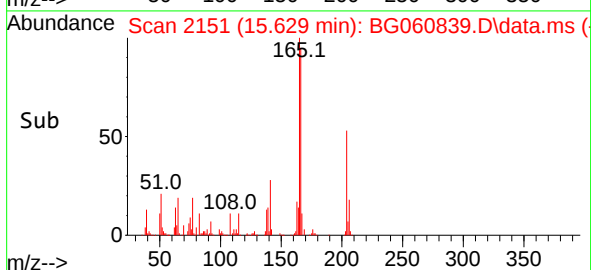
Tgt Ion:165 Resp: 174909
Ion Ratio Lower Upper
165 100
63 51.3 43.4 65.0
89 70.2 61.0 91.6
182 2.2 1.8 2.6

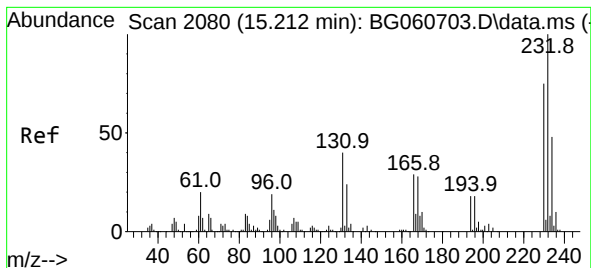


#58
Fluorene
Concen: 45.040 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:166 Resp: 518542
Ion Ratio Lower Upper
166 100
165 99.1 81.8 122.8
167 13.5 10.9 16.3

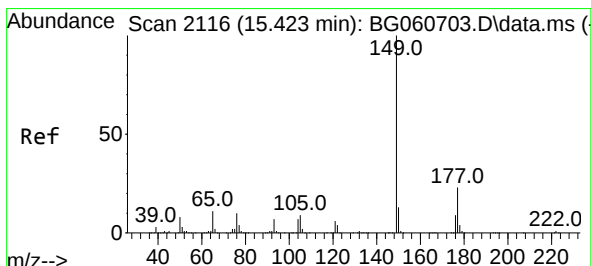
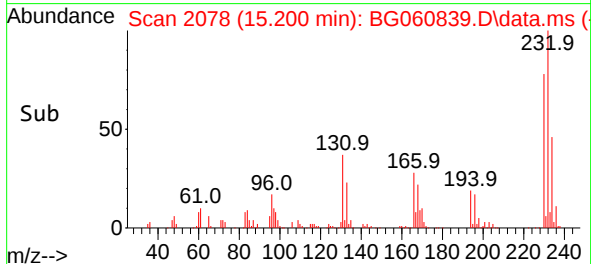
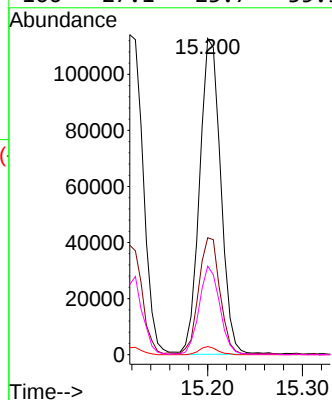
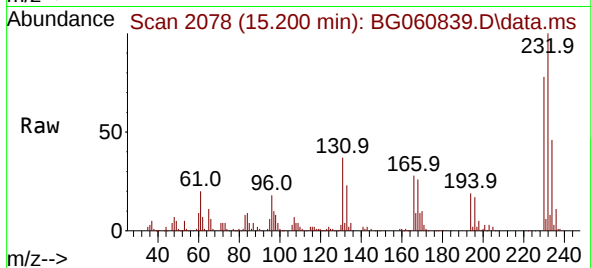




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.141 ng
RT: 15.200 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

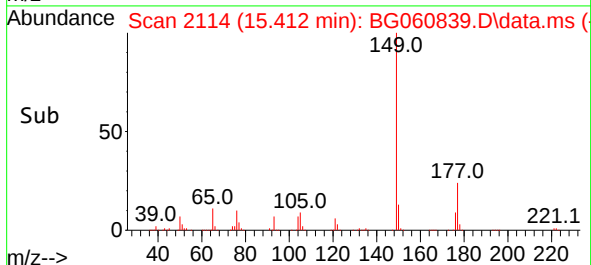
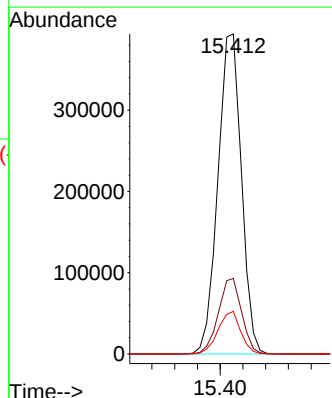
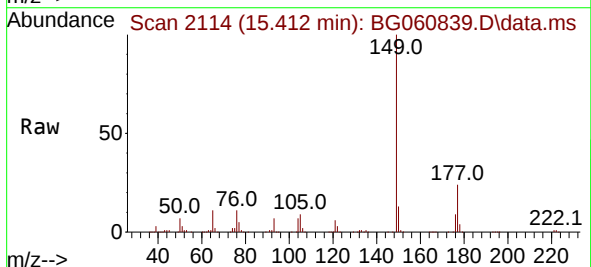
Instrument :
BNA_G
ClientSampleId :
PB160074BS

Tgt Ion:232 Resp: 173625
Ion Ratio Lower Upper
232 100
131 37.0 32.2 48.2
130 2.2 2.1 3.1
166 27.1 23.7 35.5



#60
Diethylphthalate
Concen: 44.253 ng
RT: 15.412 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:149 Resp: 565290
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 13.3 10.2 15.4

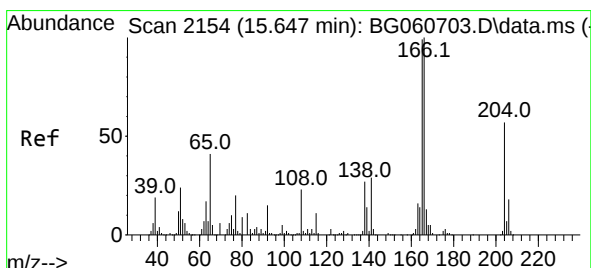
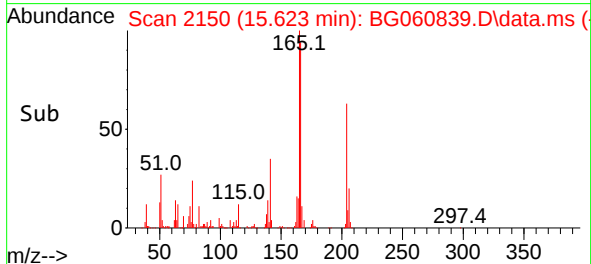
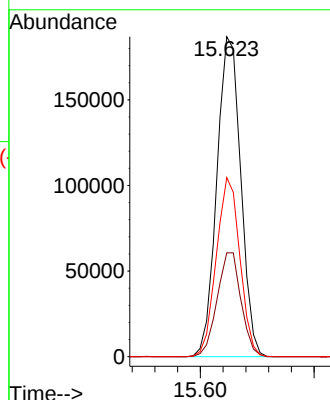
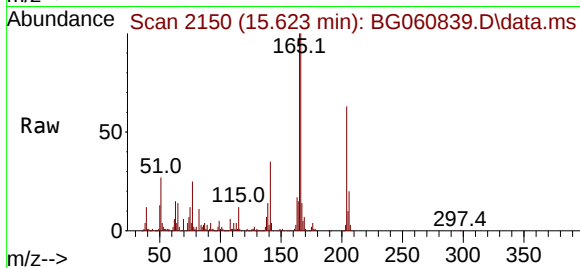




#61
4-Chlorophenyl-phenylether
Concen: 44.860 ng
RT: 15.623 min Scan# 2150
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

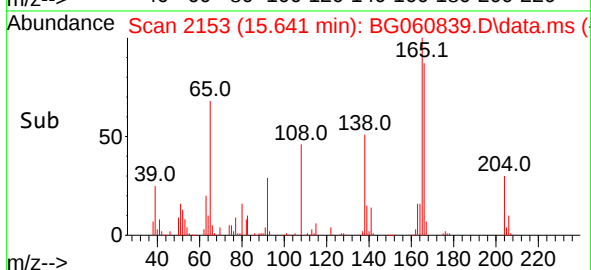
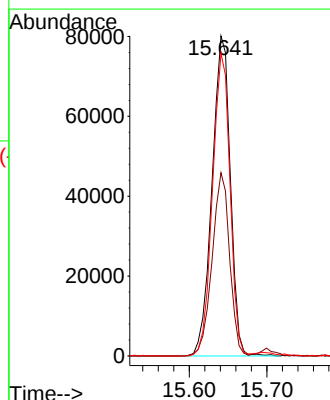
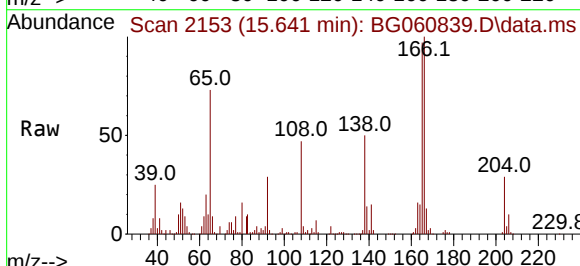
Instrument :
BNA_G
ClientSampleId :
PB160074BS

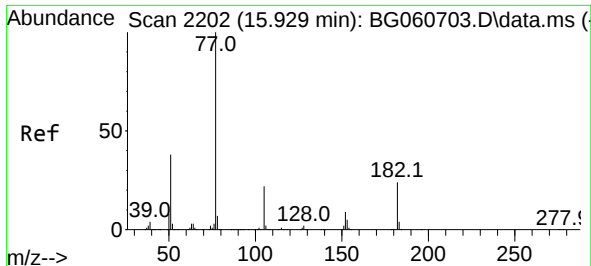
Tgt Ion:204 Resp: 273238
Ion Ratio Lower Upper
204 100
206 32.5 28.3 42.5
141 55.9 47.2 70.8



#62
4-Nitroaniline
Concen: 56.534 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:138 Resp: 131237
Ion Ratio Lower Upper
138 100
92 57.2 36.8 76.8
108 94.6 66.9 106.9

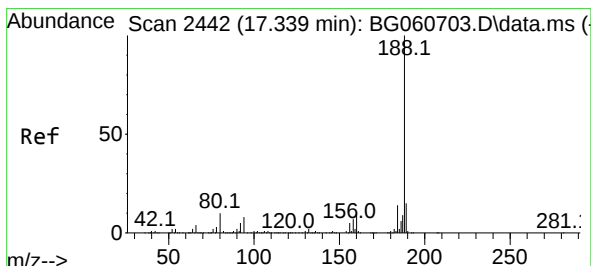
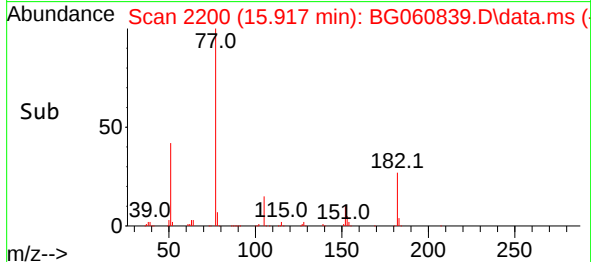
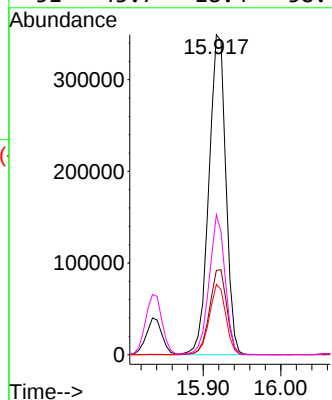
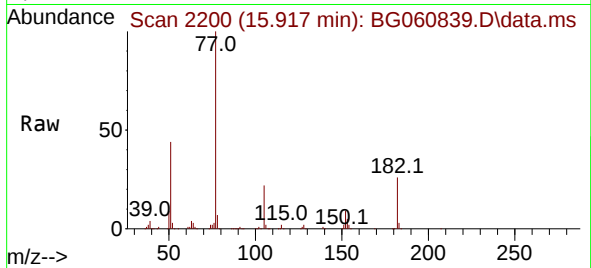




#63
Azobenzene
Concen: 42.671 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

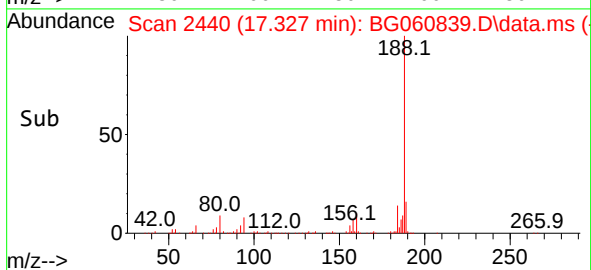
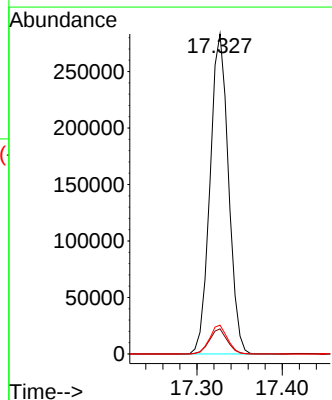
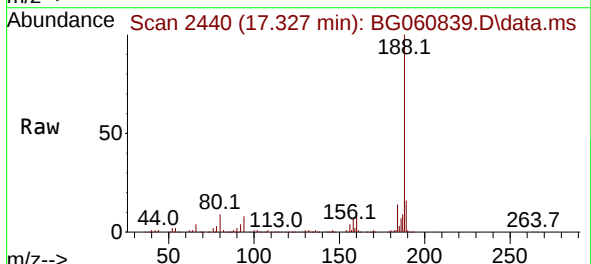
Instrument :
BNA_G
ClientSampleId :
PB160074BS

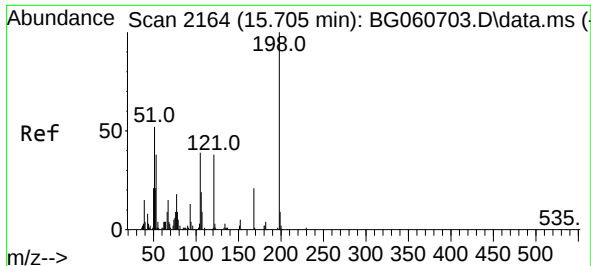
Tgt Ion: 77	Resp: 531150
Ion Ratio	Lower Upper
77 100	
182 26.4	3.9 43.9
105 22.0	1.7 41.7
51 43.7	18.4 58.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:188	Resp: 426073
Ion Ratio	Lower Upper
188 100	
94 7.8	6.6 9.8
80 9.0	7.6 11.4

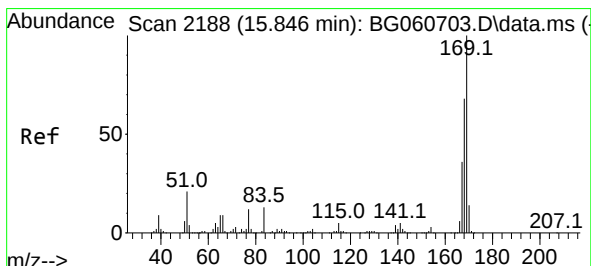
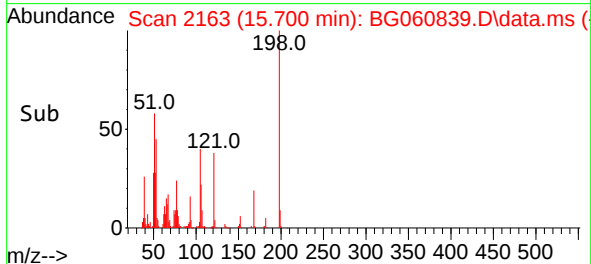
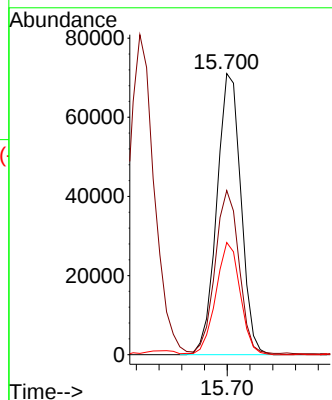
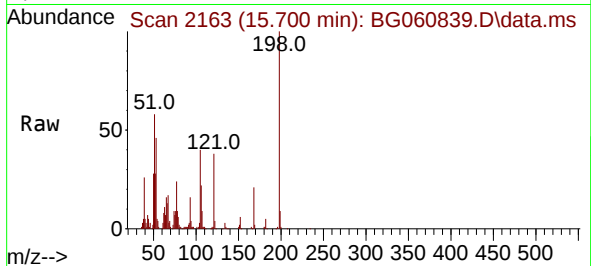




#65
4,6-Dinitro-2-methylphenol
Concen: 57.889 ng
RT: 15.700 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

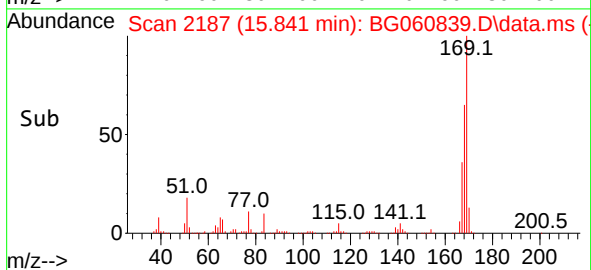
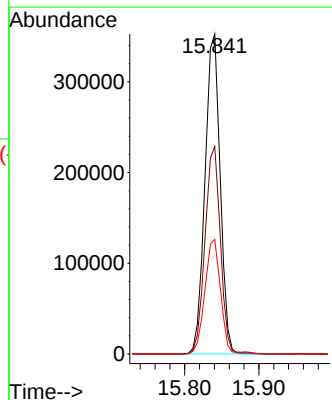
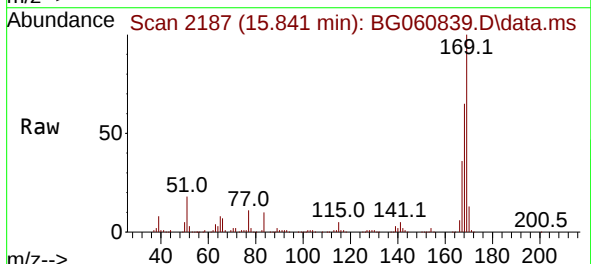
Instrument :
BNA_G
ClientSampleId :
PB160074BS

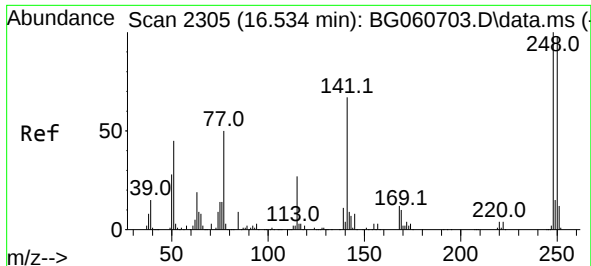
Tgt Ion:198 Resp: 104775
Ion Ratio Lower Upper
198 100
51 58.4 36.7 76.7
105 39.9 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 41.199 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:169 Resp: 501626
Ion Ratio Lower Upper
169 100
168 64.9 54.5 81.7
167 35.8 29.2 43.8

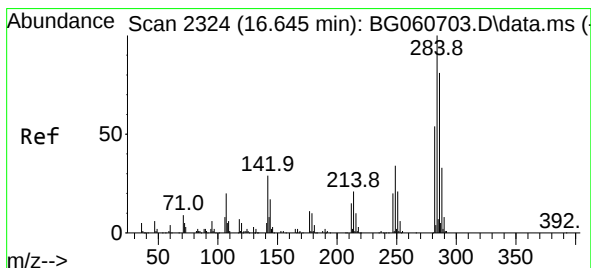
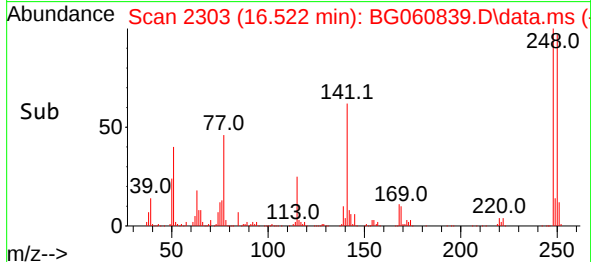
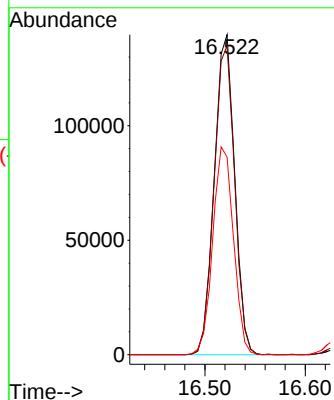
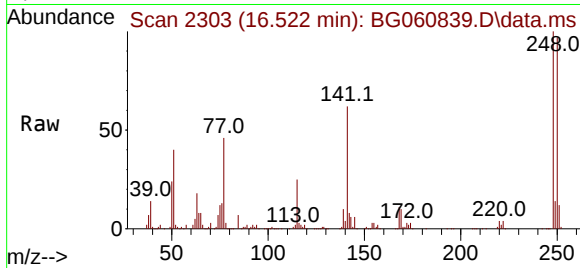




#67
4-Bromophenyl-phenylether
Concen: 45.495 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

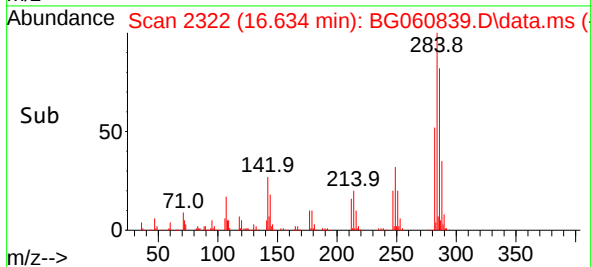
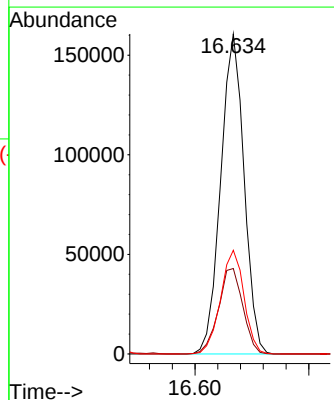
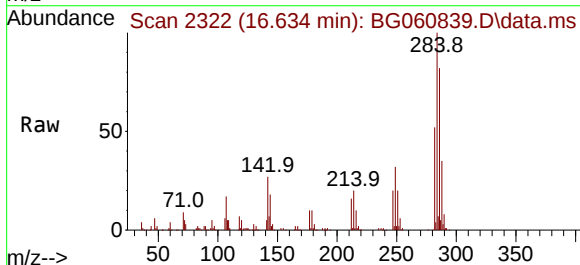
Instrument :
BNA_G
ClientSampleId :
PB160074BS

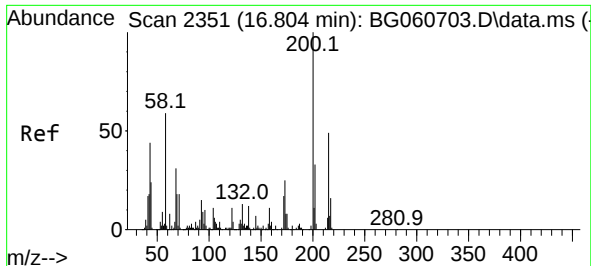
Tgt Ion:248 Resp: 196723
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 61.8 53.7 80.5



#68
Hexachlorobenzene
Concen: 46.889 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:284 Resp: 228883
Ion Ratio Lower Upper
284 100
142 26.7 22.9 34.3
249 32.4 27.1 40.7

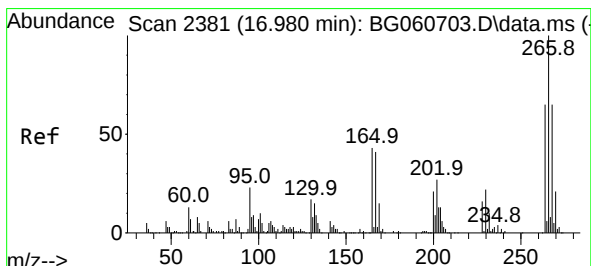
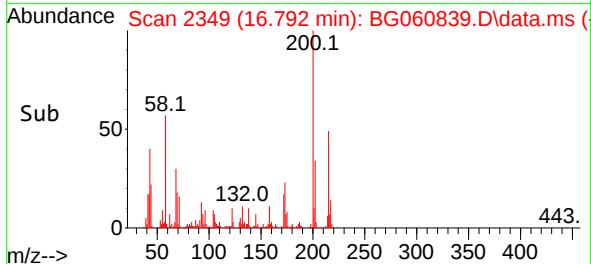
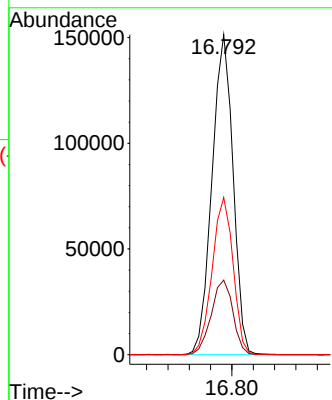
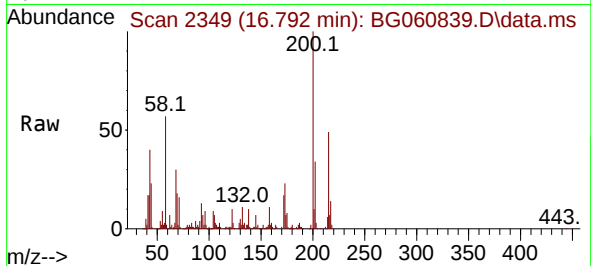




#69
Atrazine
Concen: 48.641 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

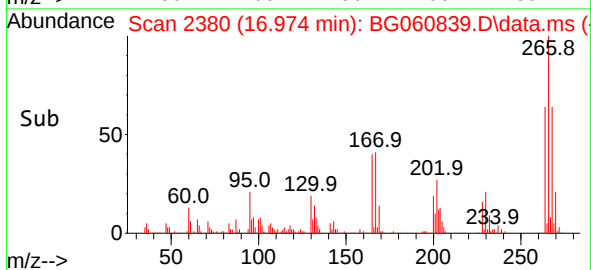
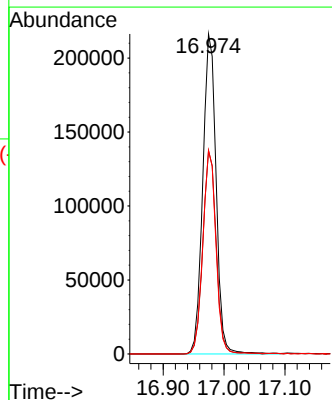
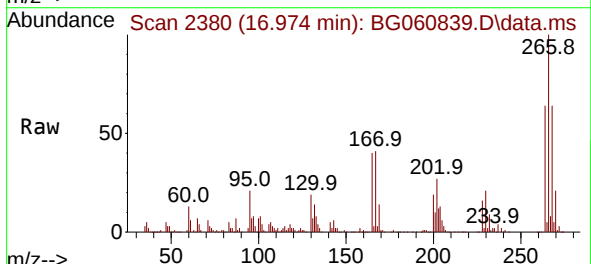
Instrument :
BNA_G
ClientSampleId :
PB160074BS

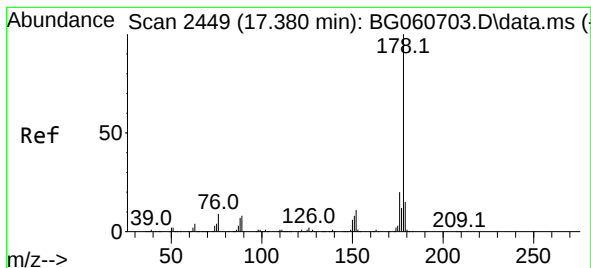
Tgt Ion:200 Resp: 207102
Ion Ratio Lower Upper
200 100
173 23.3 5.2 45.2
215 49.1 28.8 68.8



#70
Pentachlorophenol
Concen: 102.936 ng
RT: 16.974 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:266 Resp: 327859
Ion Ratio Lower Upper
266 100
268 63.5 52.2 78.4
264 63.6 51.8 77.6





#71

Phenanthrene

Concen: 43.417 ng

RT: 17.368 min Scan# 2449

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

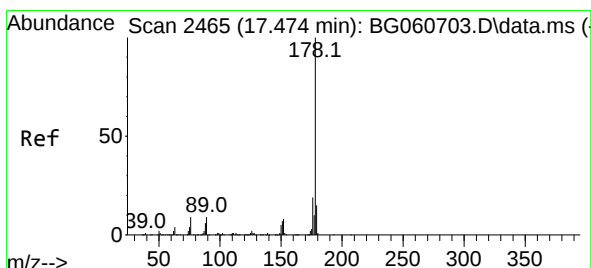
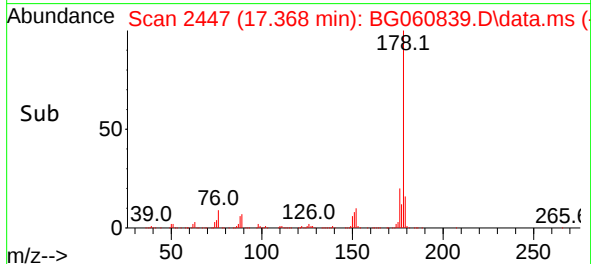
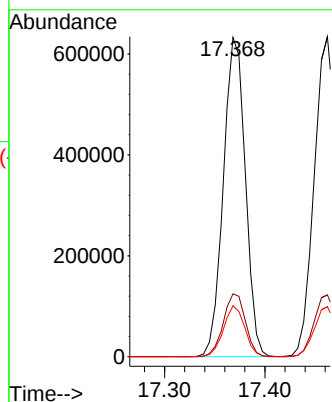
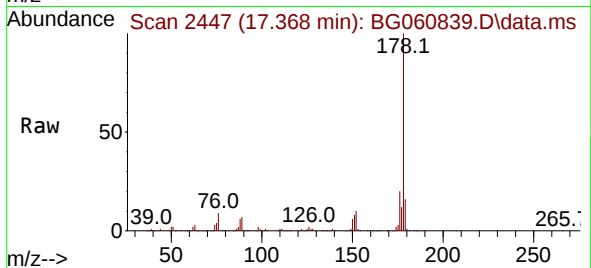
Tgt Ion:178 Resp: 962091

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.9 12.2 18.4



#72

Anthracene

Concen: 43.830 ng

RT: 17.462 min Scan# 2463

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

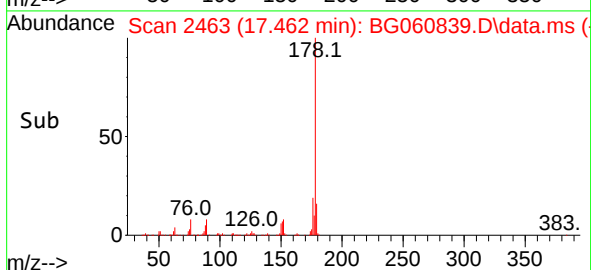
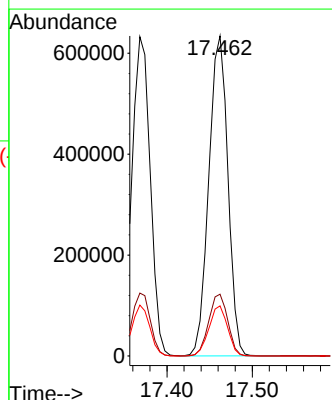
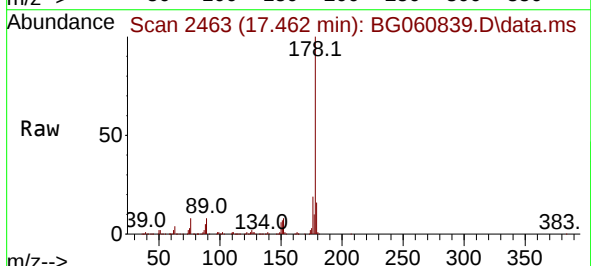
Tgt Ion:178 Resp: 986356

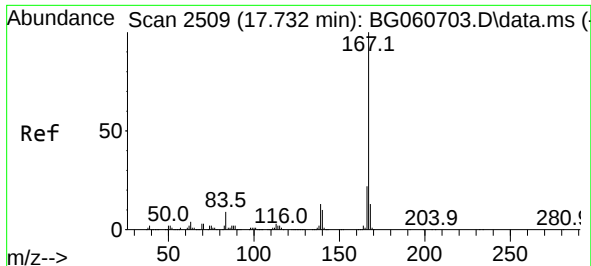
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.7 12.2 18.2

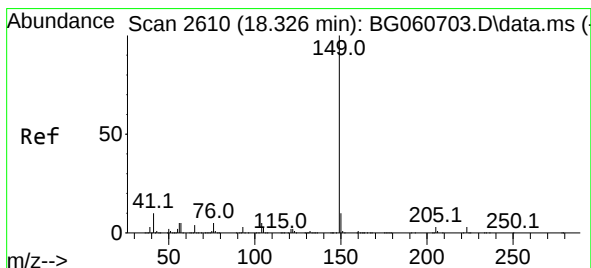
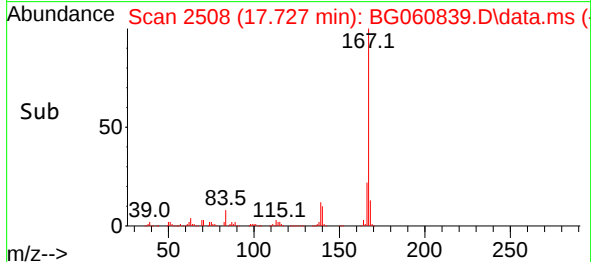
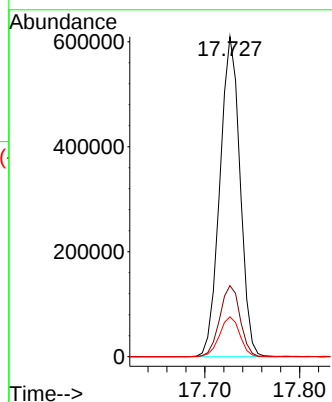
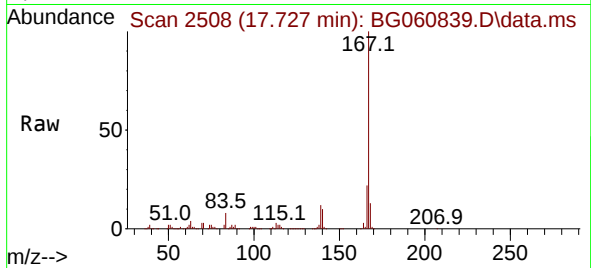




#73
 Carbazole
 Concen: 45.356 ng
 RT: 17.727 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060839.D
 Acq: 9 Apr 2024 10:51

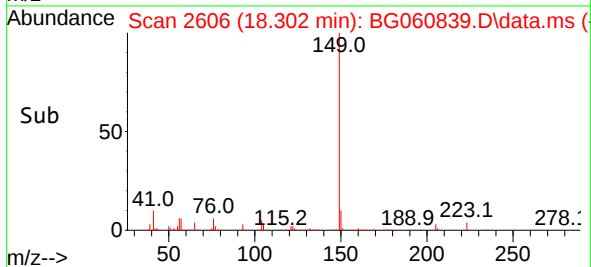
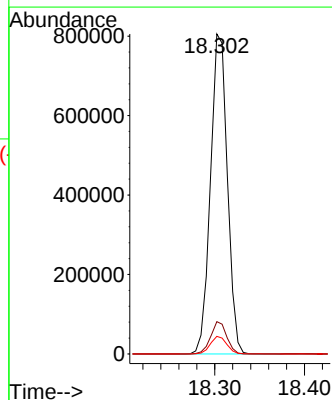
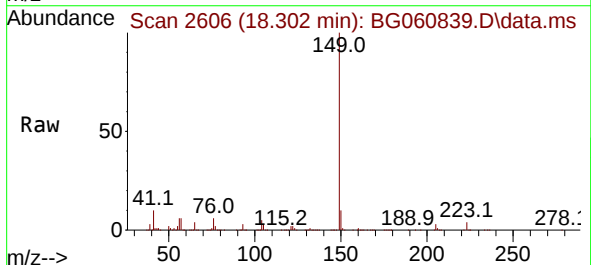
Instrument :
 BNA_G
 ClientSampleId :
 PB160074BS

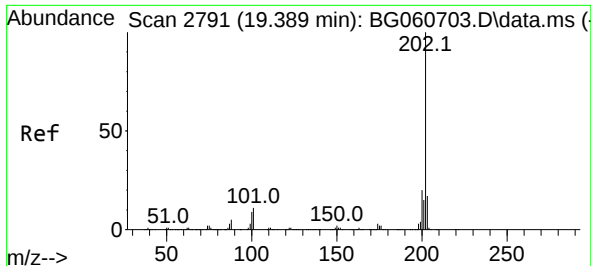
Tgt Ion:167 Resp: 899937
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.494 ng
 RT: 18.302 min Scan# 2606
 Delta R.T. -0.024 min
 Lab File: BG060839.D
 Acq: 9 Apr 2024 10:51

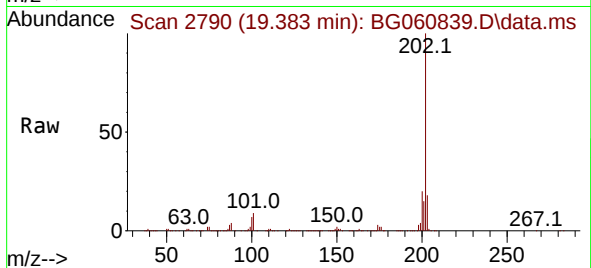
Tgt Ion:149 Resp: 1051161
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.5 4.2 6.4



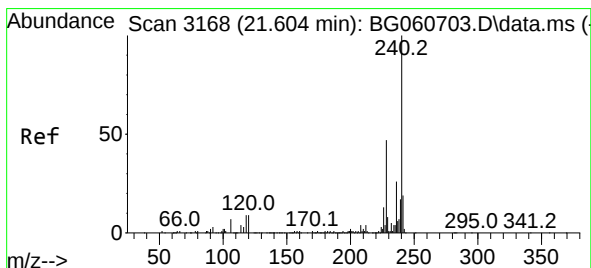
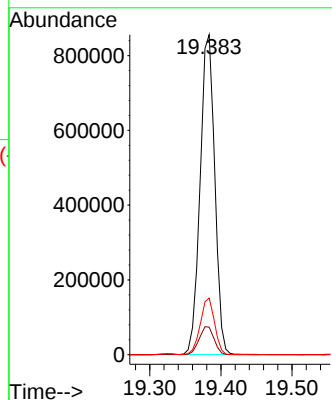
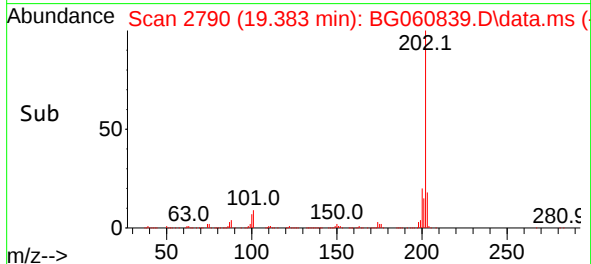


#75
Fluoranthene
Concen: 45.602 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :
BNA_G
ClientSampleId :
PB160074BS

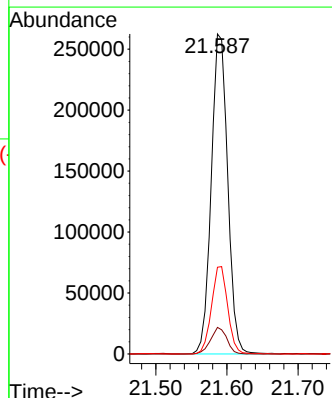
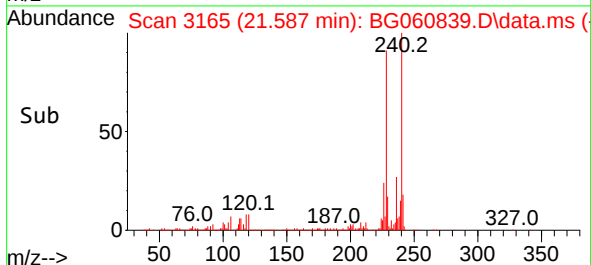
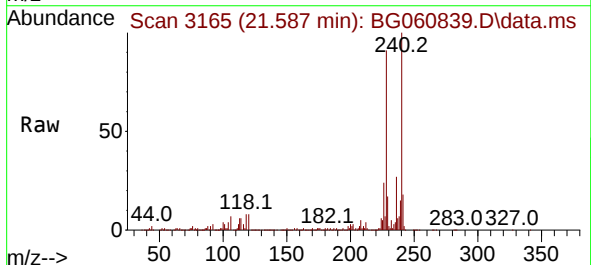


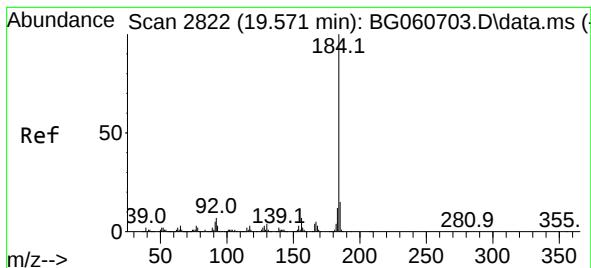
Tgt Ion:202 Resp: 1226182
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.8
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:240 Resp: 421257
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 27.1 20.7 31.1





#77

Benzidine

Concen: 30.129 ng

RT: 19.560 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

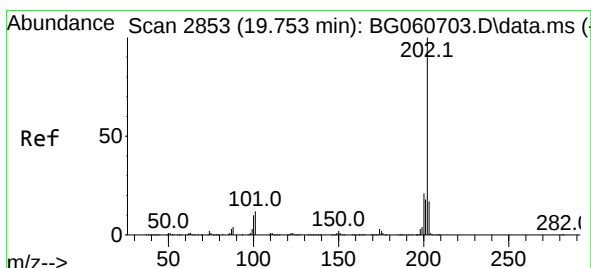
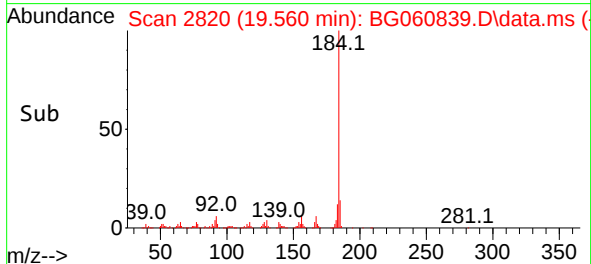
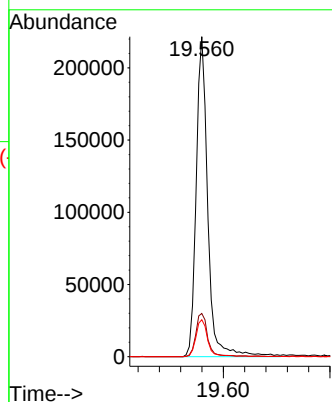
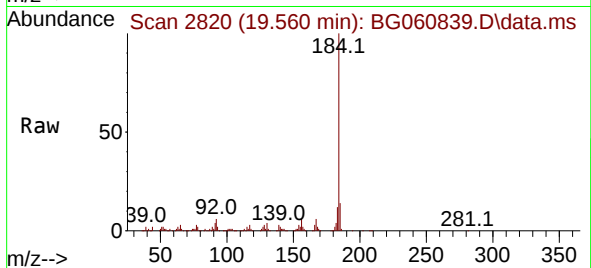
Tgt Ion:184 Resp: 334211

Ion Ratio Lower Upper

184 100

185 13.5 11.8 17.6

183 11.5 9.5 14.3



#78

Pyrene

Concen: 43.430 ng

RT: 19.742 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

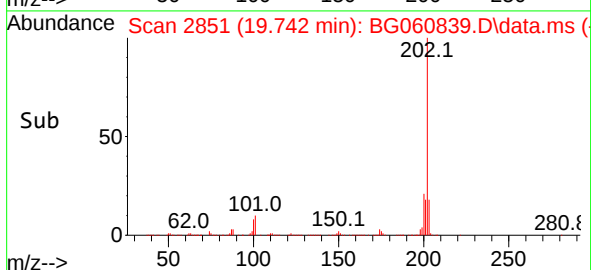
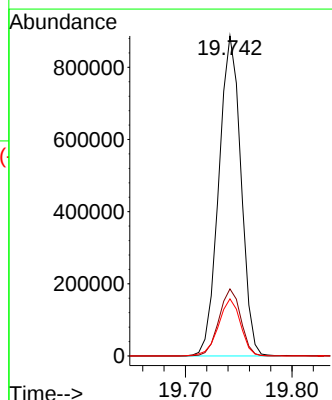
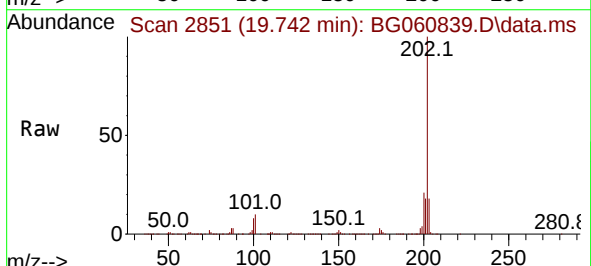
Tgt Ion:202 Resp: 1279535

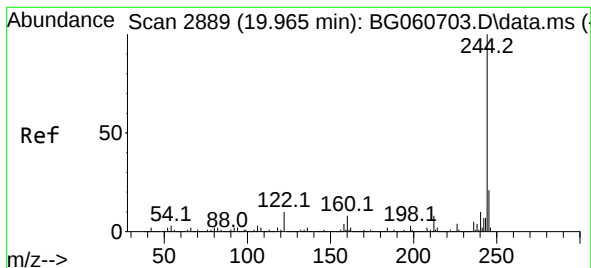
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 83.284 ng

RT: 19.953 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

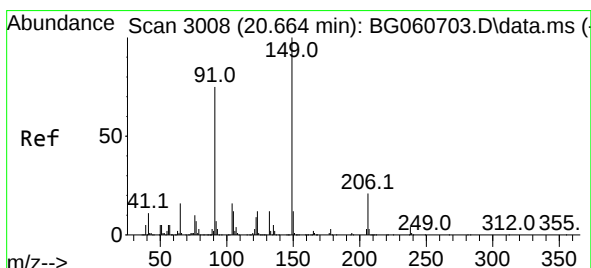
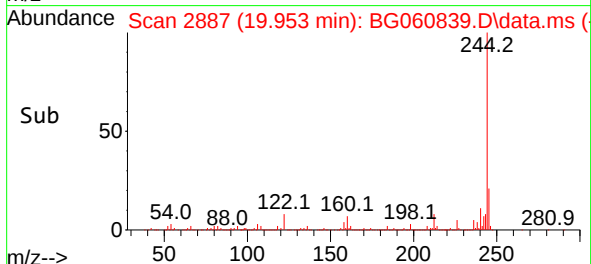
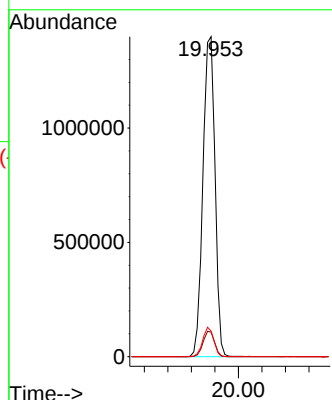
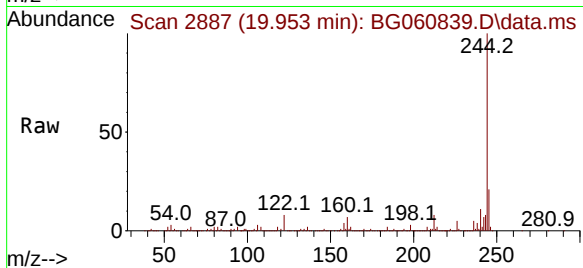
Tgt Ion:244 Resp: 1992457

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.0 7.8 11.8



#80

Butylbenzylphthalate

Concen: 43.793 ng

RT: 20.647 min Scan# 3005

Delta R.T. -0.018 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

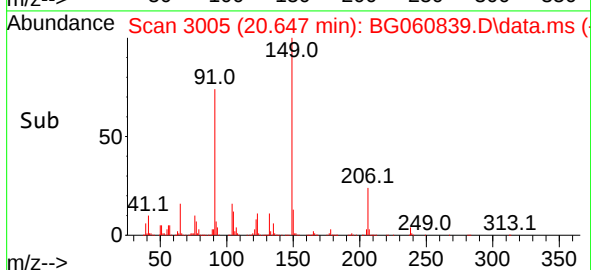
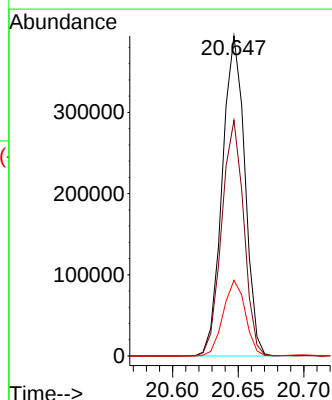
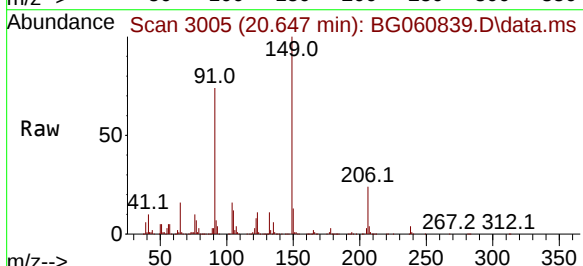
Tgt Ion:149 Resp: 470651

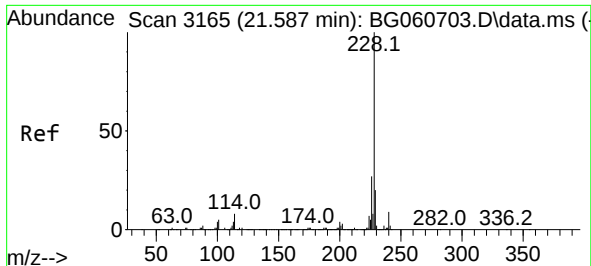
Ion Ratio Lower Upper

149 100

91 73.6 60.1 90.1

206 23.7 16.8 25.2

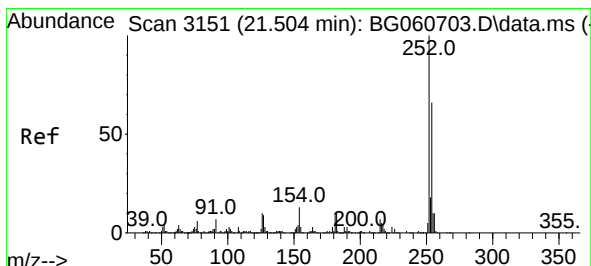
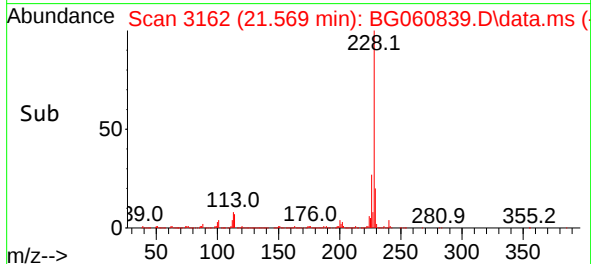
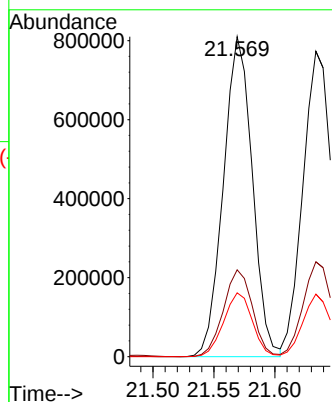
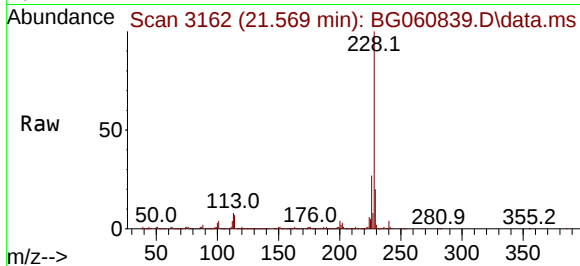




#81
Benzo(a)anthracene
Concen: 45.170 ng
RT: 21.569 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

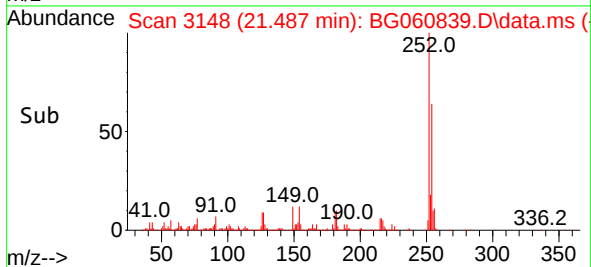
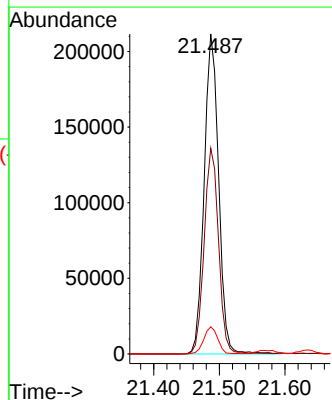
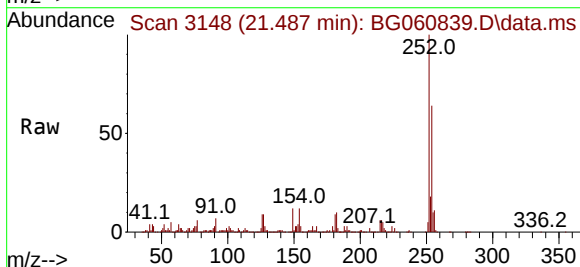
Instrument :
BNA_G
ClientSampleId :
PB160074BS

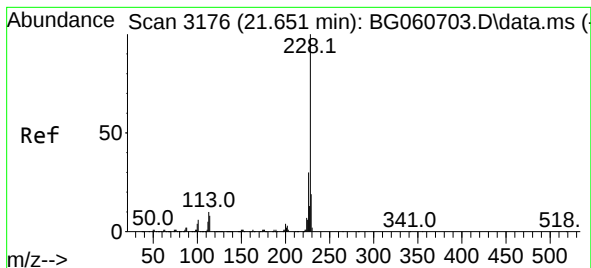
Tgt Ion:228 Resp: 1341299
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 32.390 ng
RT: 21.487 min Scan# 3148
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:252 Resp: 324757
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 8.5 7.8 11.8





#83

Chrysene

Concen: 44.556 ng

RT: 21.634 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

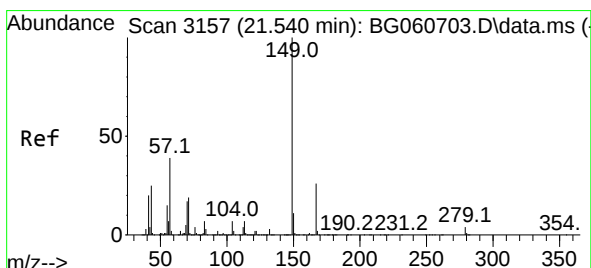
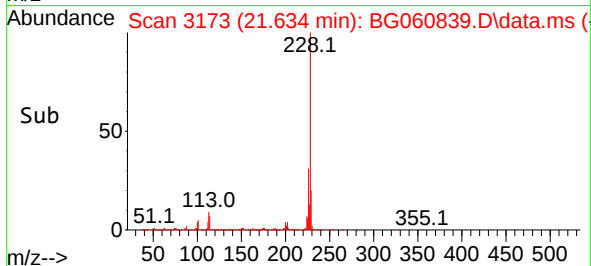
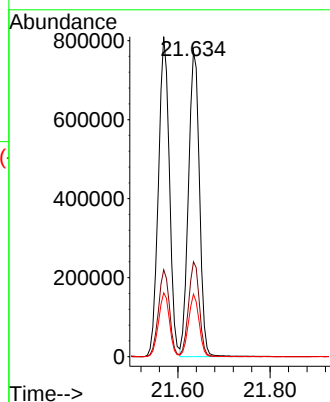
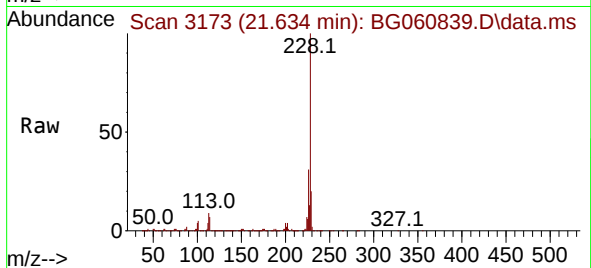
Tgt Ion:228 Resp: 1275222

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.917 ng

RT: 21.510 min Scan# 3152

Delta R.T. -0.029 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

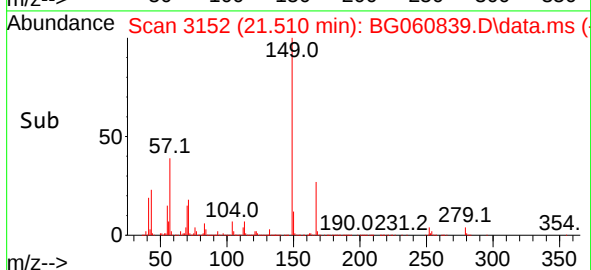
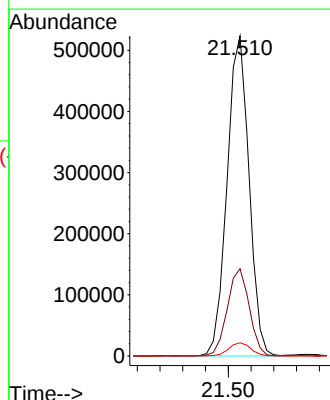
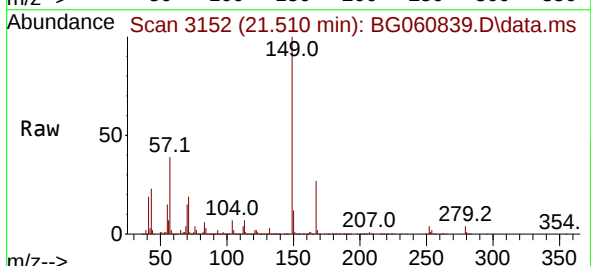
Tgt Ion:149 Resp: 700897

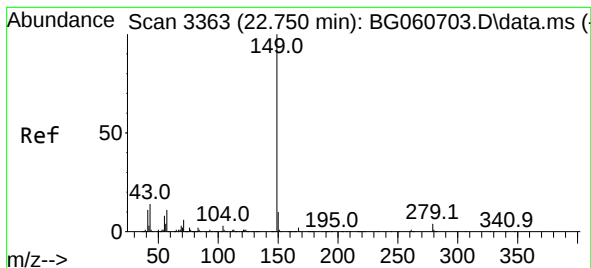
Ion Ratio Lower Upper

149 100

167 27.3 20.6 30.8

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.140 ng

RT: 22.703 min Scan# 31

Delta R.T. -0.047 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

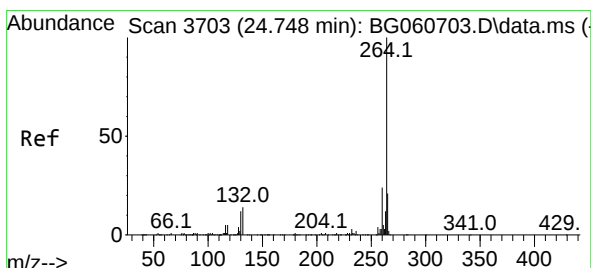
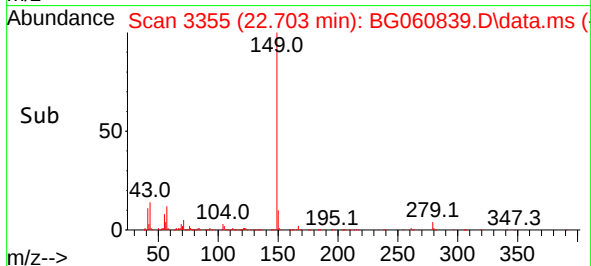
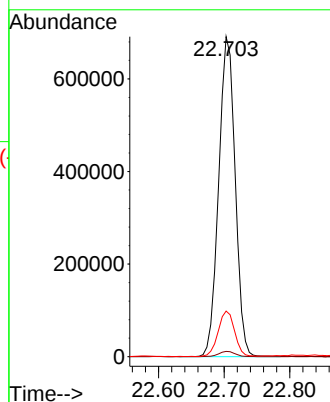
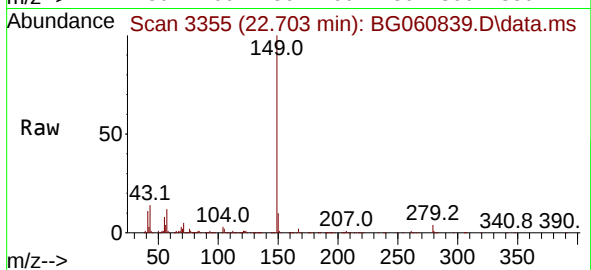
Tgt Ion:149 Resp: 1203859

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.2 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.718 min Scan# 3698

Delta R.T. -0.029 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

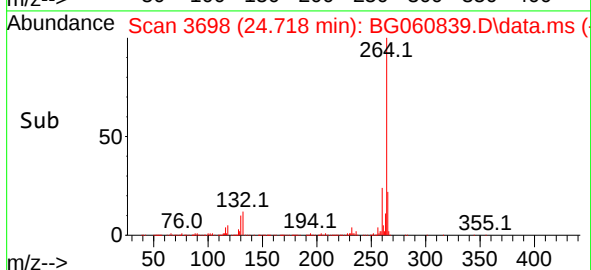
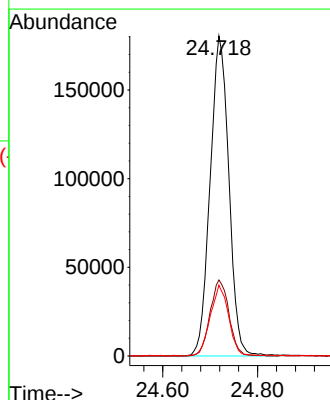
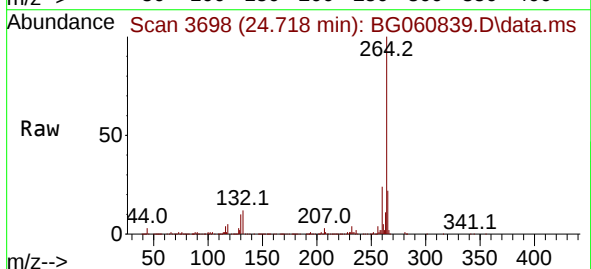
Tgt Ion:264 Resp: 495123

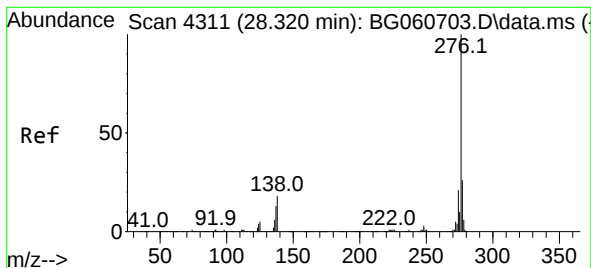
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.061 ng

RT: 28.279 min Scan# 41

Delta R.T. -0.041 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

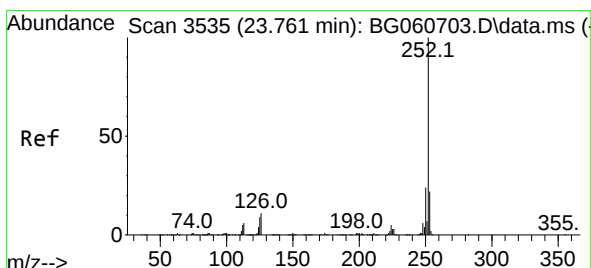
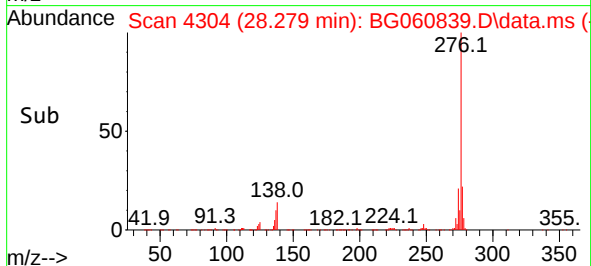
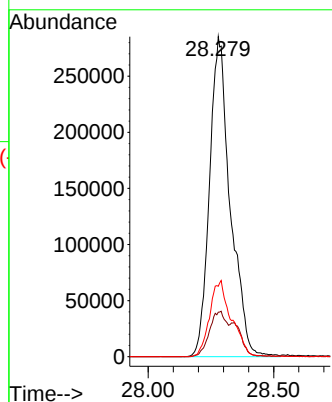
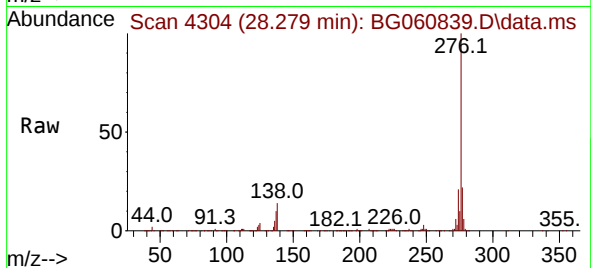
Tgt Ion:276 Resp: 1640846

Ion Ratio Lower Upper

276 100

138 11.7 12.4 18.6#

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.237 ng

RT: 23.731 min Scan# 3530

Delta R.T. -0.029 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

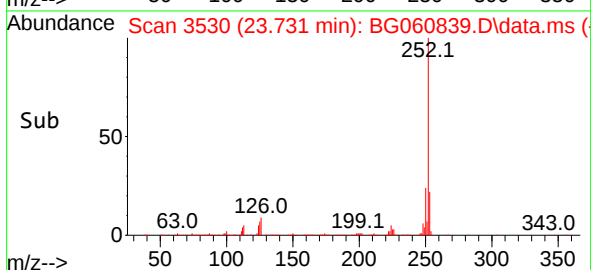
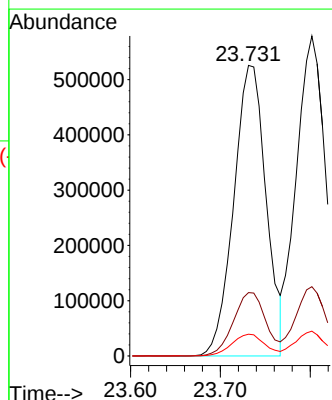
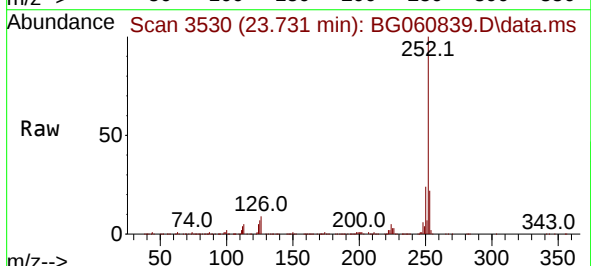
Tgt Ion:252 Resp: 1315199

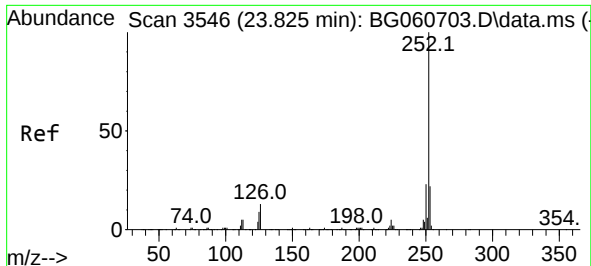
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.5 7.1 10.7

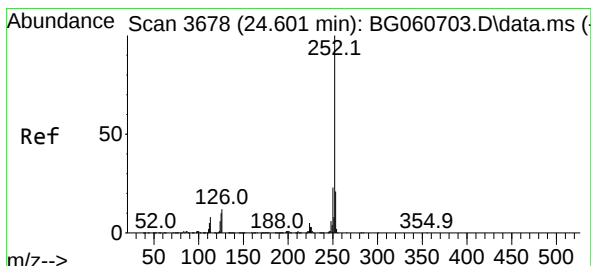
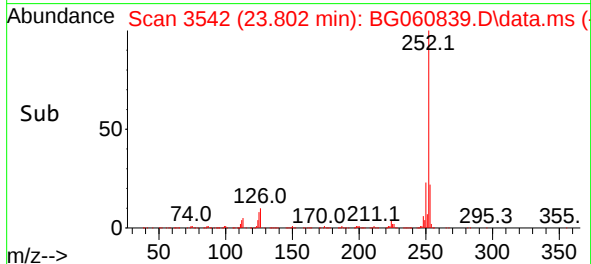
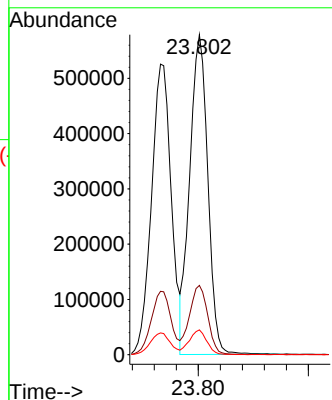
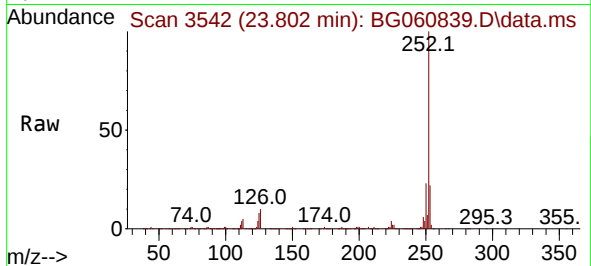




#89
Benzo(k)fluoranthene
Concen: 45.397 ng
RT: 23.802 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

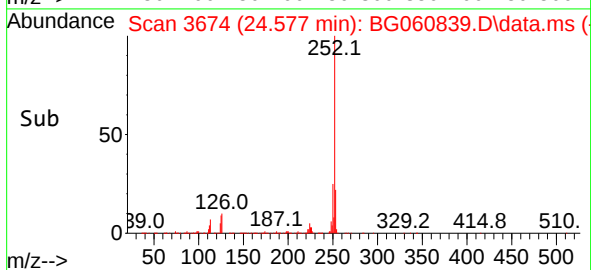
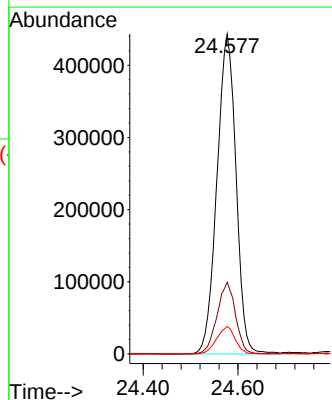
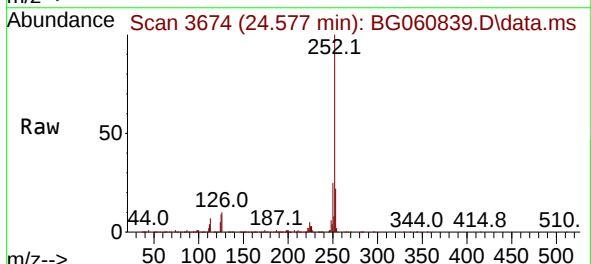
Instrument :
BNA_G
ClientSampleId :
PB160074BS

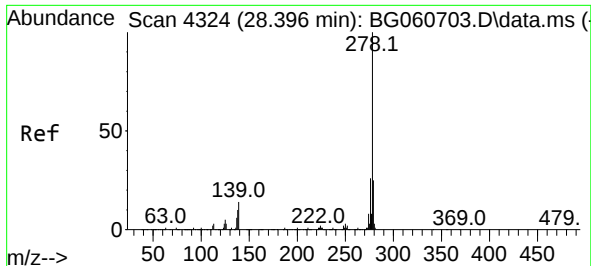
Tgt Ion:252 Resp: 1321708
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 44.853 ng
RT: 24.577 min Scan# 3674
Delta R.T. -0.023 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:252 Resp: 1239871
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 8.6 7.6 11.4

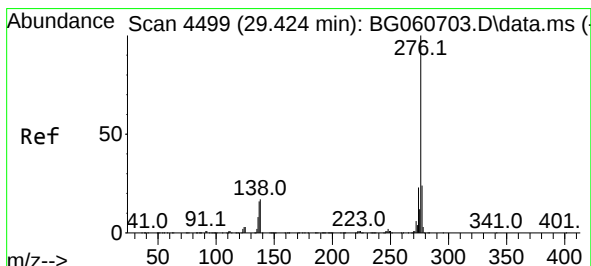
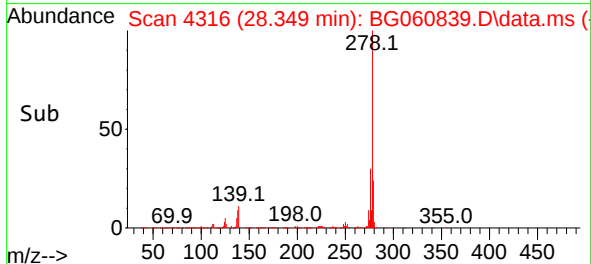
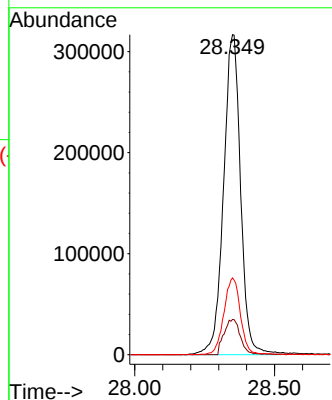
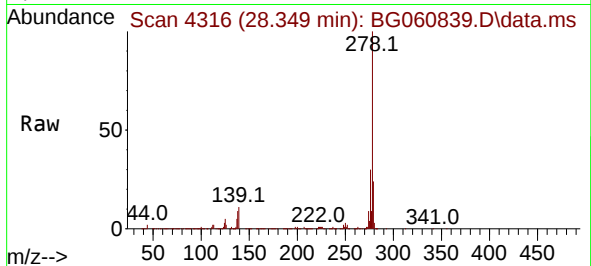




#91
Dibenzo(a,h)anthracene
Concen: 45.577 ng
RT: 28.349 min Scan# 41
Delta R.T. -0.047 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :
BNA_G
ClientSampleId :
PB160074BS

Tgt Ion:278 Resp: 1339594
Ion Ratio Lower Upper
278 100
139 11.0 11.1 16.7#
279 24.0 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 43.901 ng
RT: 29.389 min Scan# 4493
Delta R.T. -0.035 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:276 Resp: 1255190
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 14.4 14.0 21.0

