

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060894.D
 Acq On : 13 Apr 2024 15:08
 Operator : MA/JU
 Sample : PB160203BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160203BS

Quant Time: Apr 15 01:18:05 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	45737	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	202596	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	166177	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	417646	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	377808	20.000	ng	-0.01
86) Perylene-d12	24.731	264	420349	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	331889	120.885	ng	0.00
7) Phenol-d6	7.116	99	491857	120.690	ng	0.00
23) Nitrobenzene-d5	9.102	82	319472	89.980	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	315065	167.021	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	852399	75.282	ng	-0.02
79) Terphenyl-d14	19.954	244	1694328	78.967	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	31502	27.986	ng	94
3) Pyridine	3.837	79	85220	25.099	ng	# 87
4) n-Nitrosodimethylamine	3.755	42	74130	36.525	ng	96
6) Aniline	7.275	93	116044	22.549	ng	96
8) 2-Chlorophenol	7.515	128	136047	43.709	ng	95
9) Benzaldehyde	7.087	77	17893	7.962	ng	97
10) Phenol	7.145	94	181274	43.584	ng	97
11) bis(2-Chloroethyl)ether	7.369	93	117972	35.132	ng	98
12) 1,3-Dichlorobenzene	7.839	146	131592	40.655	ng	98
13) 1,4-Dichlorobenzene	7.986	146	134042	40.591	ng	96
14) 1,2-Dichlorobenzene	8.303	146	130909	40.451	ng	98
15) Benzyl Alcohol	8.185	79	136105	41.229	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.467	45	294732	38.892	ng	98
17) 2-Methylphenol	8.391	107	123850	39.445	ng	98
18) Hexachloroethane	9.031	117	46755	39.865	ng	91
19) n-Nitroso-di-n-propyla...	8.755	70	112383	36.161	ng	# 96
20) 3+4-Methylphenols	8.714	107	171346	39.852	ng	96
22) Acetophenone	8.767	105	217167	38.875	ng	# 97
24) Nitrobenzene	9.149	77	162065	41.411	ng	97
25) Isophorone	9.672	82	314216	38.423	ng	96
26) 2-Nitrophenol	9.854	139	74260	52.610	ng	94
27) 2,4-Dimethylphenol	9.919	122	108295	32.967	ng	98
28) bis(2-Chloroethoxy)met...	10.154	93	177977	36.864	ng	99
29) 2,4-Dichlorophenol	10.394	162	148417	49.201	ng	98
30) 1,2,4-Trichlorobenzene	10.612	180	145899	42.713	ng	98
31) Naphthalene	10.800	128	413262	37.709	ng	99
32) Benzoic acid	10.054	122	110597	50.232	ng	96
33) 4-Chloroaniline	10.900	127	84333	16.568	ng	97
34) Hexachlorobutadiene	11.088	225	104154	45.752	ng	96
35) Caprolactam	11.669	113	34022	28.476	ng	96
36) 4-Chloro-3-methylphenol	12.028	107	171558	44.519	ng	98
37) 2-Methylnaphthalene	12.404	142	300194	37.258	ng	96
38) 1-Methylnaphthalene	12.621	142	285594	37.521	ng	95
40) 1,2,4,5-Tetrachloroben...	12.774	216	200581	41.985	ng	99
41) Hexachlorocyclopentadiene	12.756	237	214837	88.439	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	146540	47.636	ng	95

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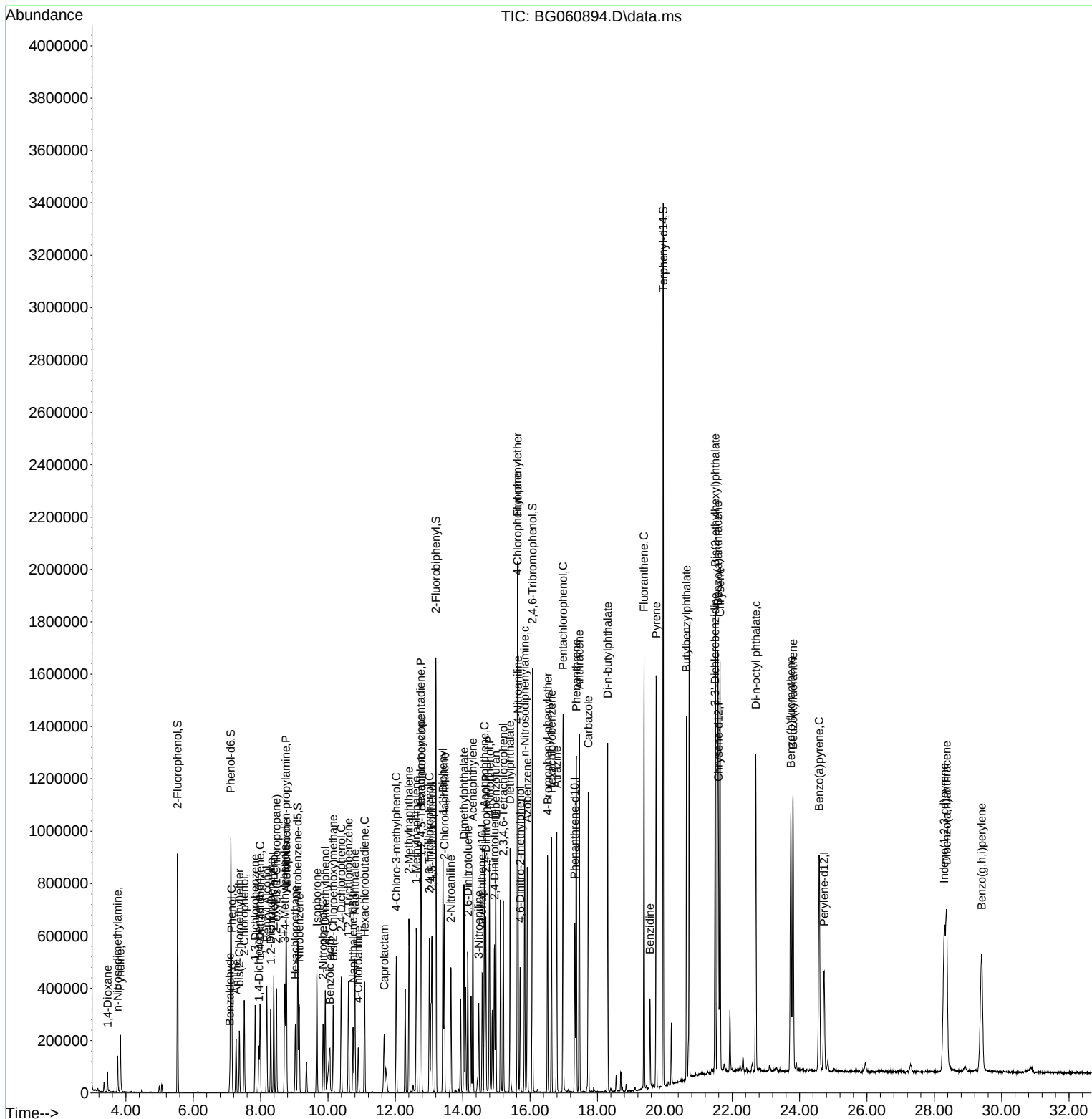
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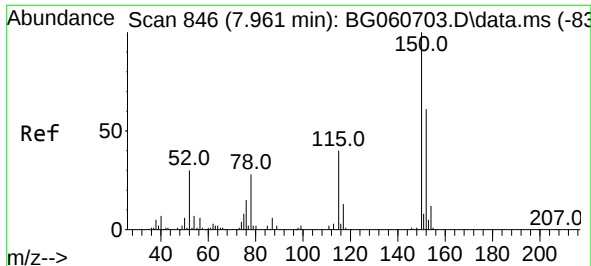
Quant Time: Apr 15 01:18:05 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	165280	45.021	ng	97
46) 1,1'-Biphenyl	13.414	154	449778	38.319	ng	99
47) 2-Chloronaphthalene	13.456	162	353223	39.608	ng	100
48) 2-Nitroaniline	13.649	65	139722	48.276	ng	99
49) Acenaphthylene	14.302	152	601570	40.146	ng	99
50) Dimethylphthalate	14.037	163	521497	39.704	ng	100
51) 2,6-Dinitrotoluene	14.155	165	109148	46.528	ng	89
52) Acenaphthene	14.648	154	341522	36.301	ng	99
53) 3-Nitroaniline	14.478	138	72688	29.353	ng	94
54) 2,4-Dinitrophenol	14.689	184	141173	154.413	ng	91
55) Dibenzofuran	14.977	168	572874	38.604	ng	98
56) 4-Nitrophenol	14.795	139	187260	97.523	ng	96
57) 2,4-Dinitrotoluene	14.942	165	159142	51.586	ng	91
58) Fluorene	15.629	166	474089	39.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.206	232	160009	50.014	ng	97
60) Diethylphthalate	15.406	149	513019	38.822	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	258690	41.056	ng	96
62) 4-Nitroaniline	15.641	138	116317	48.436	ng	96
63) Azobenzene	15.917	77	476632	37.014	ng	96
65) 4,6-Dinitro-2-methylph...	15.706	198	101130	57.110	ng	96
66) n-Nitrosodiphenylamine	15.841	169	455430	38.160	ng	96
67) 4-Bromophenyl-phenylether	16.523	248	185171	43.687	ng	97
68) Hexachlorobenzene	16.634	284	211491	44.201	ng	97
69) Atrazine	16.793	200	181583	43.508	ng	97
70) Pentachlorophenol	16.981	266	284525	91.133	ng	98
71) Phenanthrene	17.374	178	834214	38.406	ng	99
72) Anthracene	17.463	178	854296	38.728	ng	99
73) Carbazole	17.727	167	763300	39.246	ng	100
74) Di-n-butylphthalate	18.303	149	905264	37.334	ng	100
75) Fluoranthene	19.384	202	1035025	39.269	ng	97
77) Benzidine	19.560	184	208357	20.944	ng	98
78) Pyrene	19.748	202	1057894	40.037	ng	99
80) Butylbenzylphthalate	20.647	149	395181	40.999	ng	94
81) Benzo(a)anthracene	21.575	228	1061973	39.877	ng	99
82) 3,3'-Dichlorobenzidine	21.493	252	269826	30.007	ng	97
83) Chrysene	21.640	228	1006175	39.198	ng	99
84) Bis(2-ethylhexyl)phtha...	21.505	149	561885	36.574	ng	97
85) Di-n-octyl phthalate	22.704	149	980106	39.161	ng	100
87) Indeno(1,2,3-cd)pyrene	28.297	276	1248601	42.181	ng #	95
88) Benzo(b)fluoranthene	23.744	252	1026692	42.515	ng	99
89) Benzo(k)fluoranthene	23.808	252	1034728	41.862	ng #	98
90) Benzo(a)pyrene	24.584	252	953611	40.634	ng	98
91) Dibenzo(a,h)anthracene	28.367	278	1027224	41.166	ng #	96
92) Benzo(g,h,i)perylene	29.407	276	960403	39.566	ng	97

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

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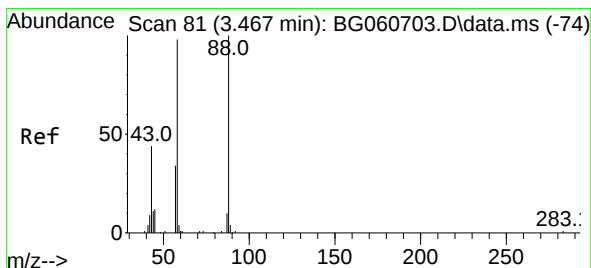
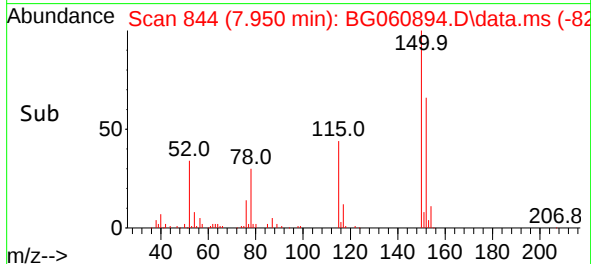
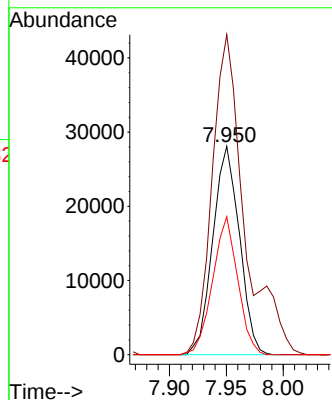
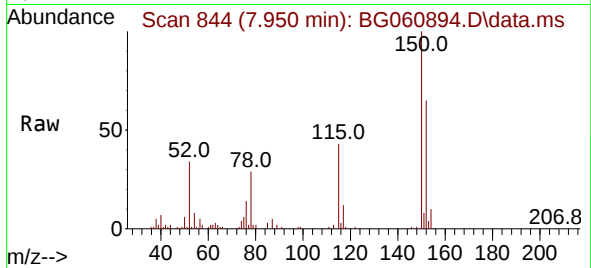




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

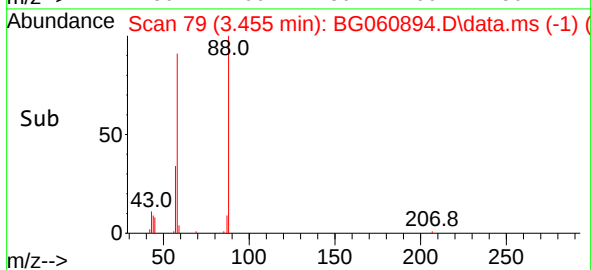
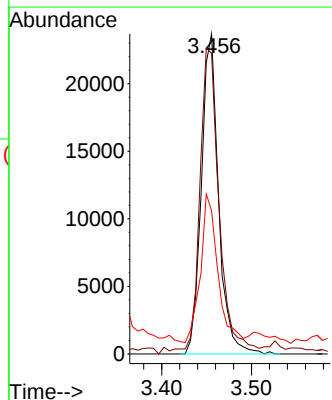
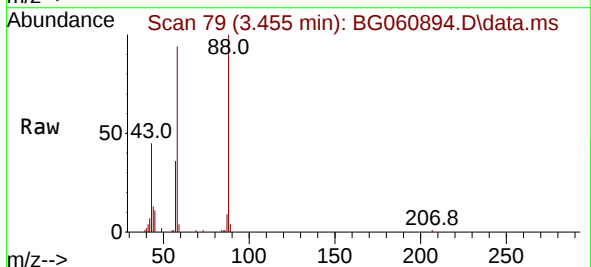
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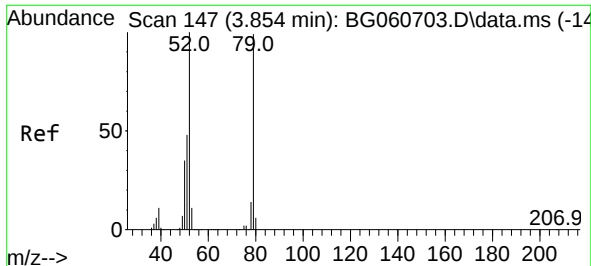
Tgt Ion:152 Resp: 45737
 Ion Ratio Lower Upper
 152 100
 150 153.7 130.2 195.4
 115 66.2 51.6 77.4



#2
 1,4-Dioxane
 Concen: 27.986 ng
 RT: 3.455 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion: 88 Resp: 31502
 Ion Ratio Lower Upper
 88 100
 58 108.9 80.9 121.3
 43 46.5 35.4 53.0

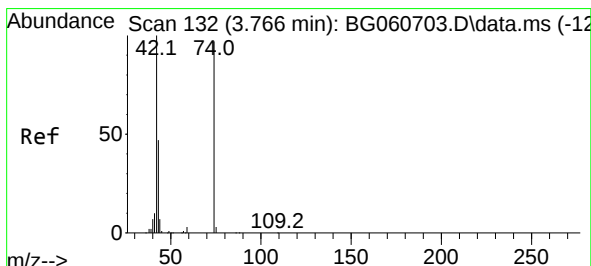
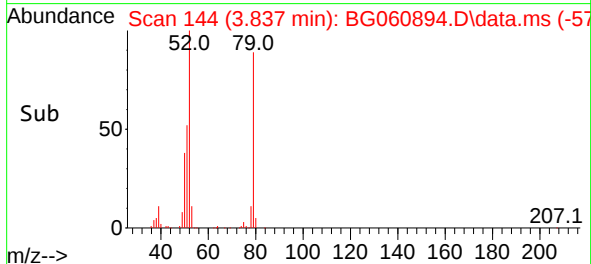
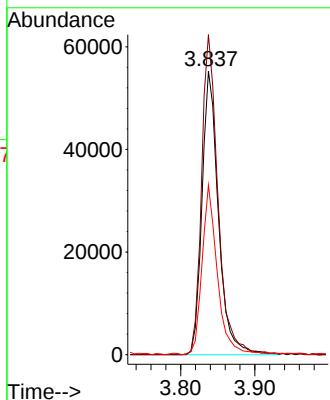
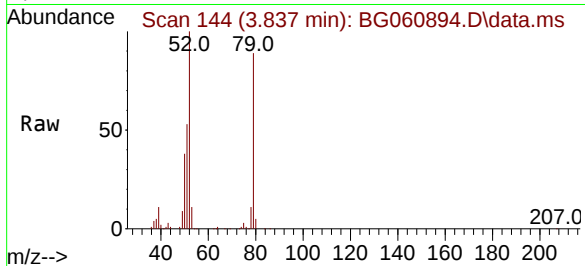




#3
Pyridine
Concen: 25.099 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

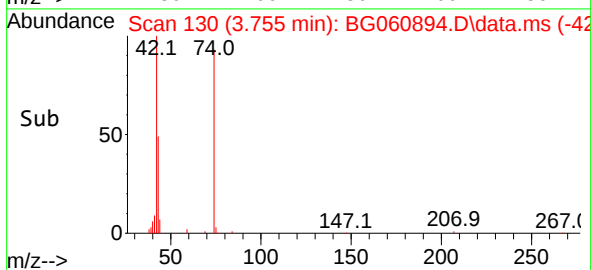
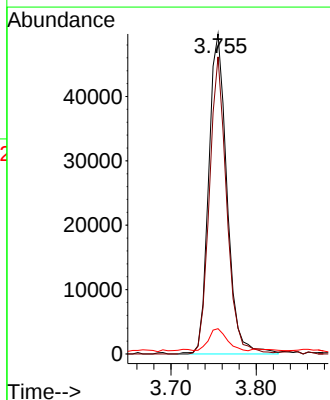
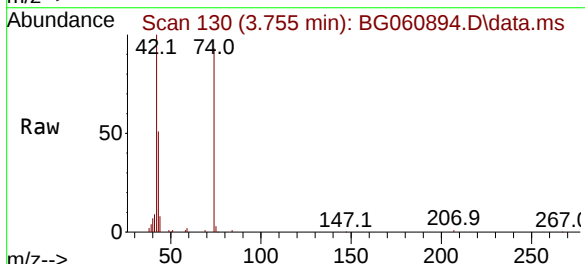
Instrument :
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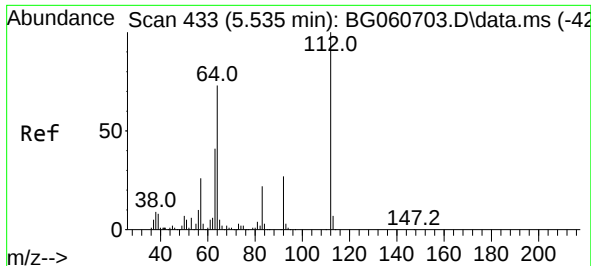
Tgt Ion: 79 Resp: 85220
Ion Ratio Lower Upper
79 100
52 112.9 80.6 120.8
51 59.8 39.1 58.7#



#4
n-Nitrosodimethylamine
Concen: 36.525 ng
RT: 3.755 min Scan# 130
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 42 Resp: 74130
Ion Ratio Lower Upper
42 100
74 92.9 77.8 116.8
44 7.9 6.8 10.2

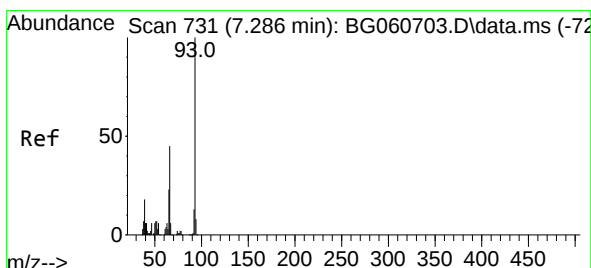
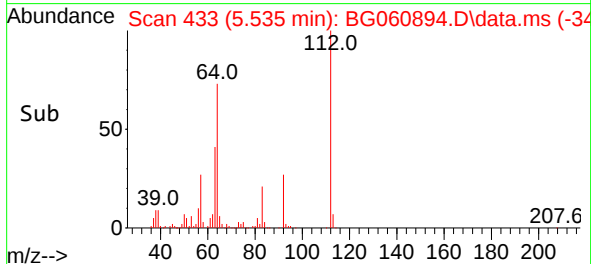
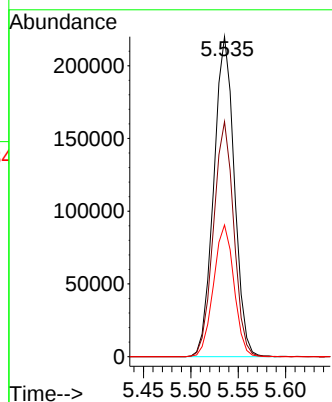
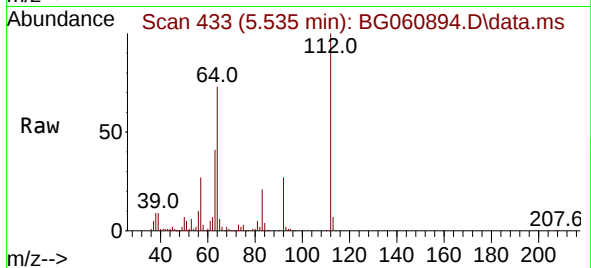




#5
2-Fluorophenol
Concen: 120.885 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

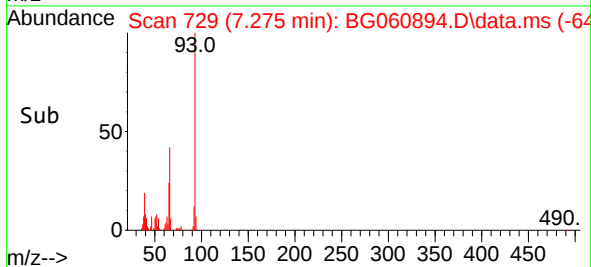
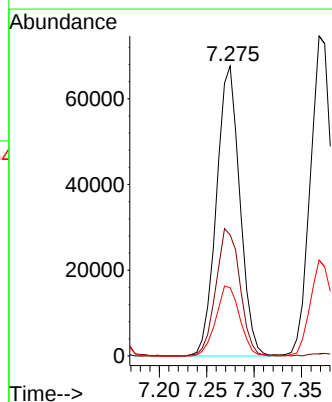
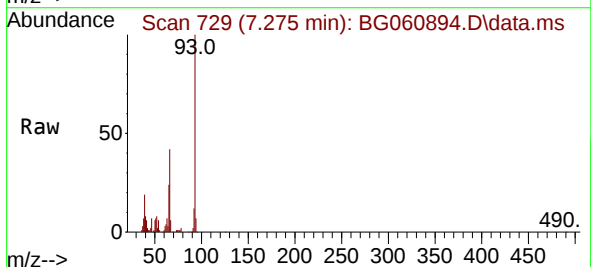
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ClientSampleId :
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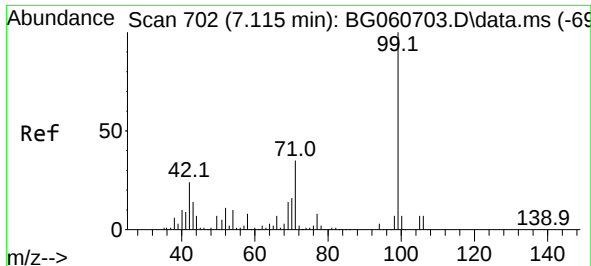
Tgt Ion:112 Resp: 331889
Ion Ratio Lower Upper
112 100
64 73.5 58.4 87.6
63 41.2 32.7 49.1



#6
Aniline
Concen: 22.549 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 93 Resp: 116044
Ion Ratio Lower Upper
93 100
66 41.8 36.1 54.1
65 23.6 18.1 27.1

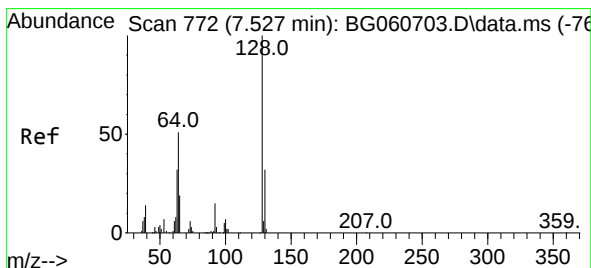
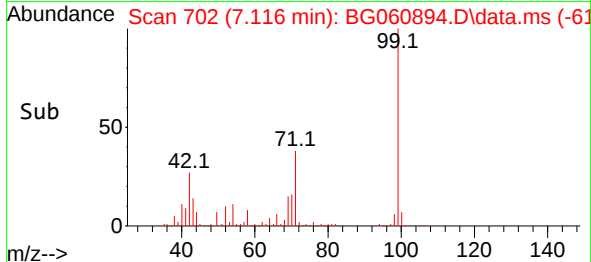
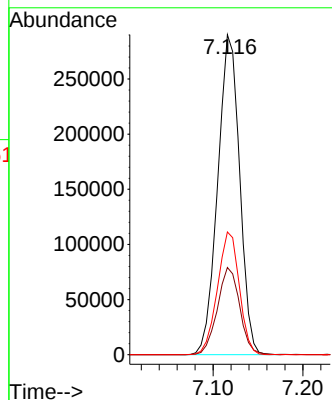
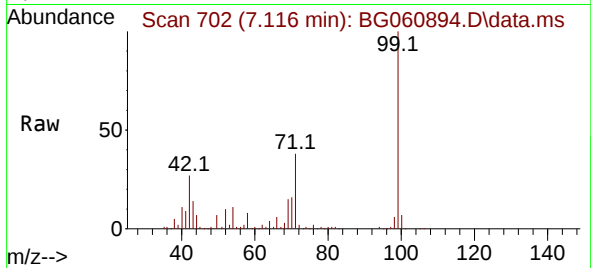




#7
Phenol-d6
Concen: 120.690 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

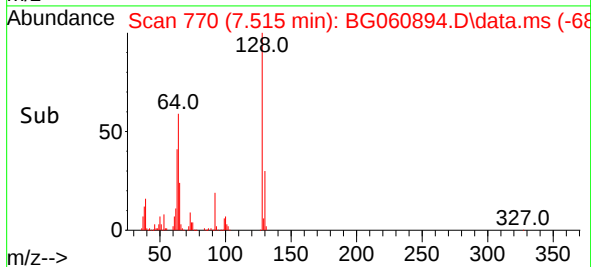
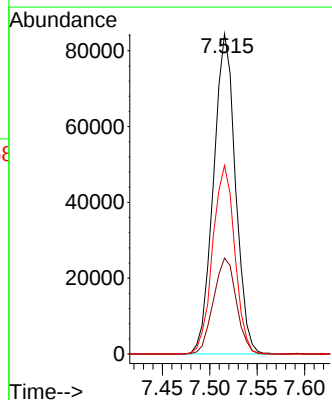
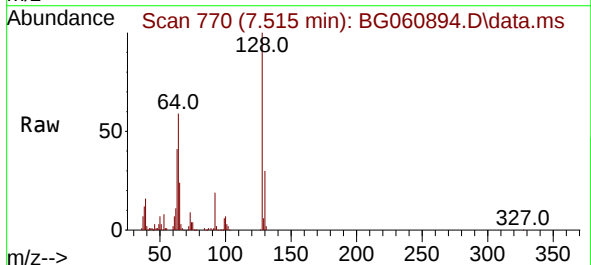
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Tgt Ion: 99 Resp: 491857
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 38.4 28.2 42.2



#8
2-Chlorophenol
Concen: 43.709 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

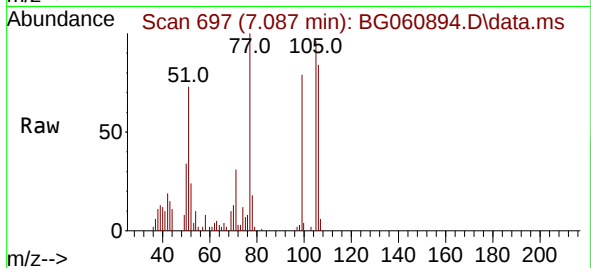
Tgt Ion:128 Resp: 136047
Ion Ratio Lower Upper
128 100
130 30.0 12.3 52.3
64 58.9 35.0 75.0



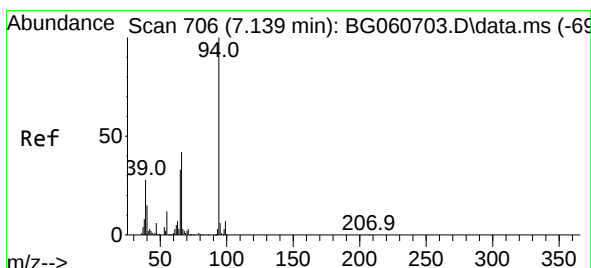
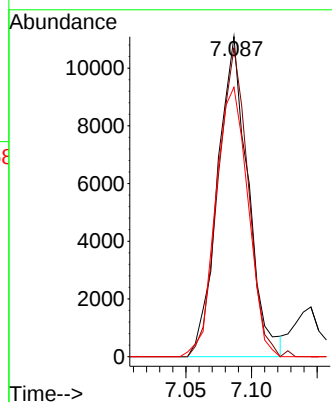
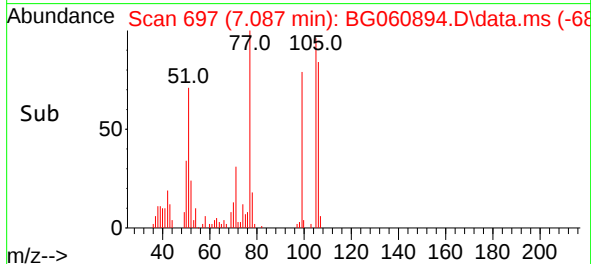


#9
Benzaldehyde
Concen: 7.962 ng
RT: 7.087 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :
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ClientSampleId :
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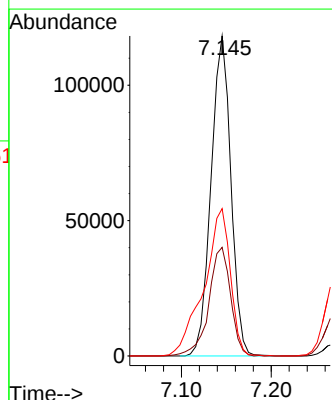
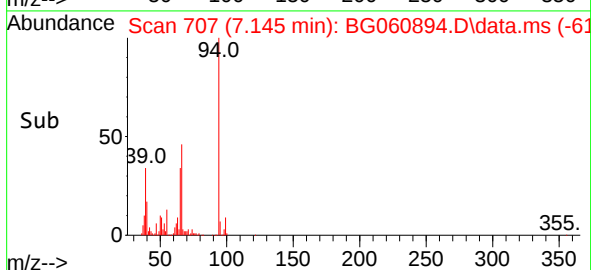
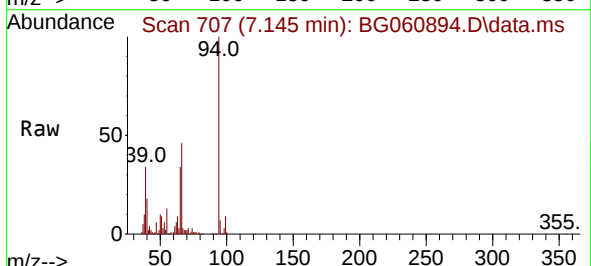


Tgt Ion: 77 Resp: 17893
Ion Ratio Lower Upper
77 100
105 96.5 76.0 116.0
106 84.2 70.3 110.3



#10
Phenol
Concen: 43.584 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 94 Resp: 181274
Ion Ratio Lower Upper
94 100
65 33.9 13.3 53.3
66 46.0 22.9 62.9

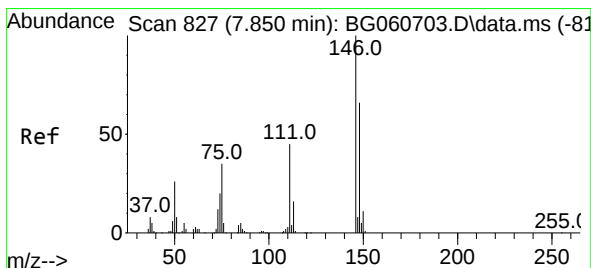
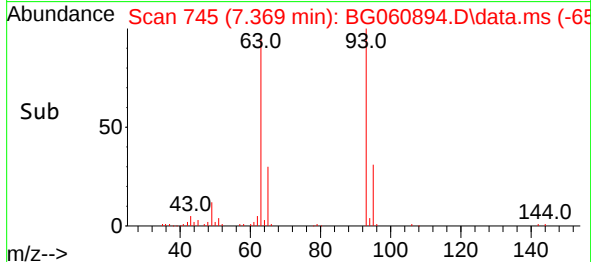
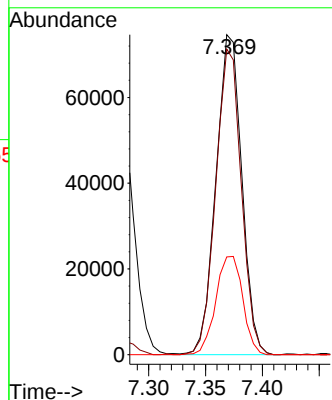
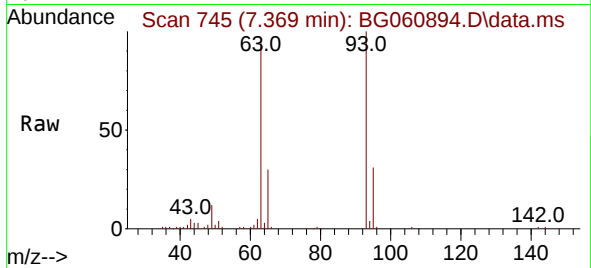




#11
bis(2-Chloroethyl)ether
Concen: 35.132 ng
RT: 7.369 min Scan# 741
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

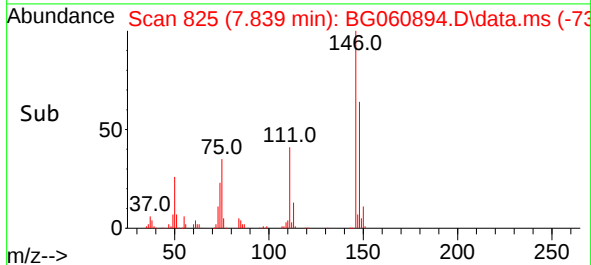
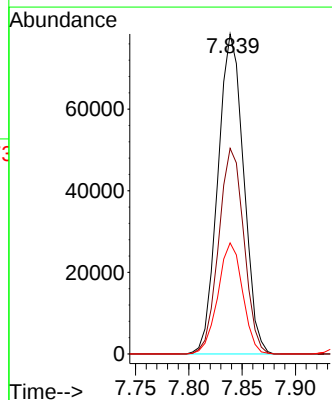
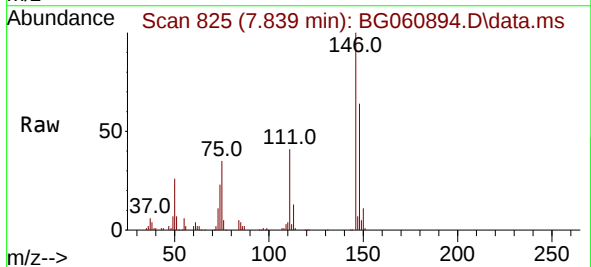
Instrument :
BNA_G
ClientSampleId :
PB160203BS

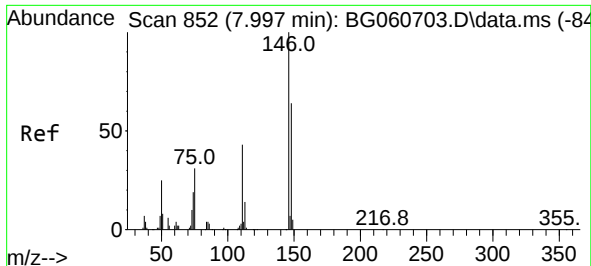
Tgt Ion: 93 Resp: 117972
Ion Ratio Lower Upper
93 100
63 95.5 73.7 113.7
95 30.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.655 ng
RT: 7.839 min Scan# 825
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:146 Resp: 131592
Ion Ratio Lower Upper
146 100
148 64.3 53.0 79.4
75 34.7 28.1 42.1

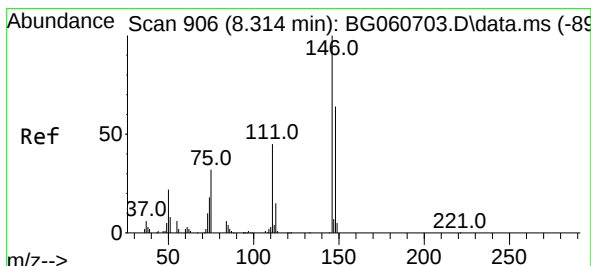
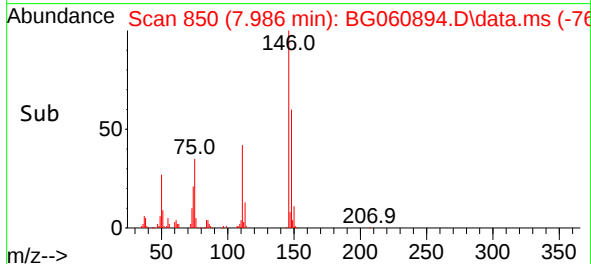
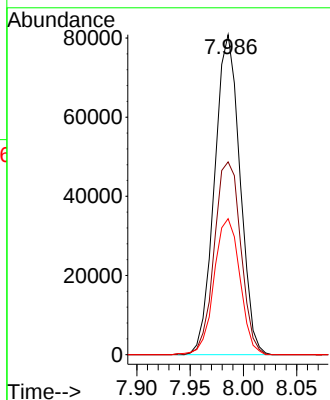
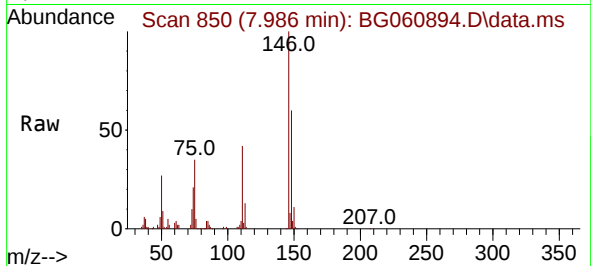




#13
1,4-Dichlorobenzene
Concen: 40.591 ng
RT: 7.986 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

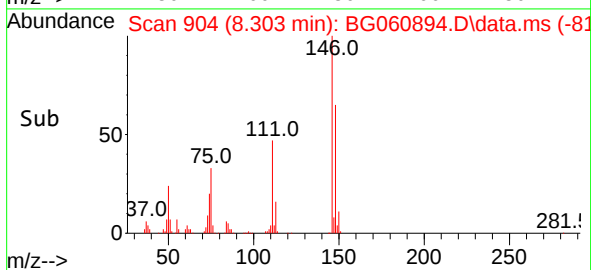
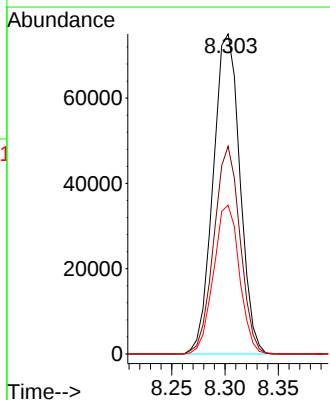
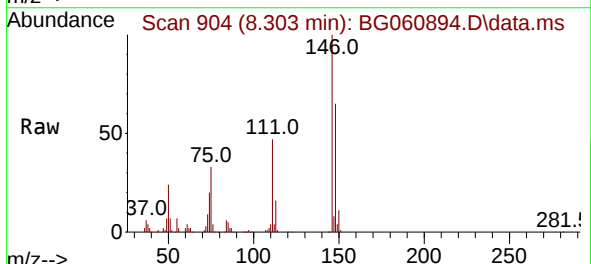
Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion:146 Resp: 134042
Ion Ratio Lower Upper
146 100
148 60.3 51.1 76.7
111 42.5 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 40.451 ng
RT: 8.303 min Scan# 904
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:146 Resp: 130909
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 46.5 36.0 54.0

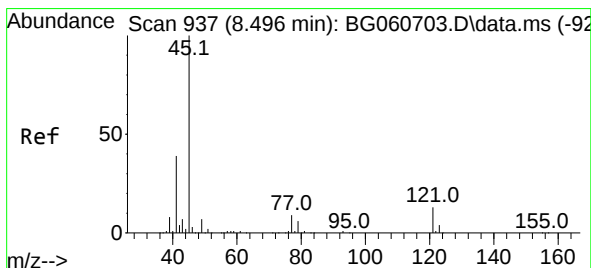
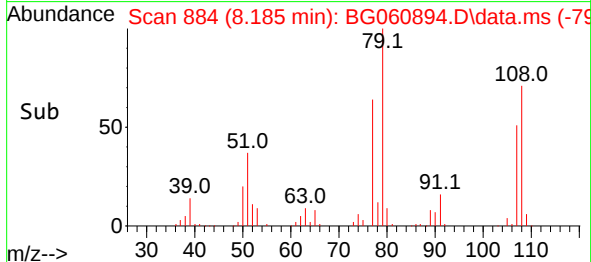
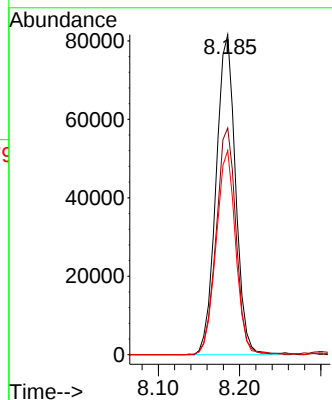
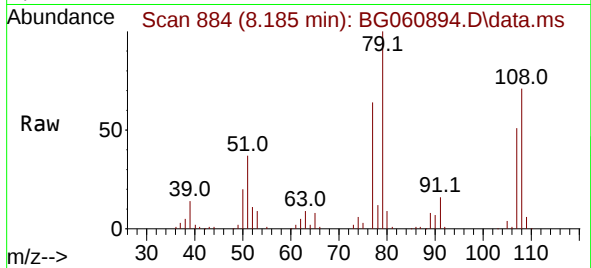




#15
Benzyl Alcohol
Concen: 41.229 ng
RT: 8.185 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

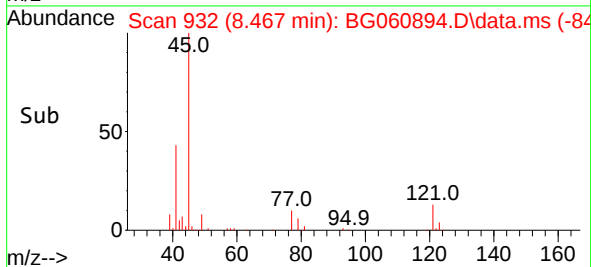
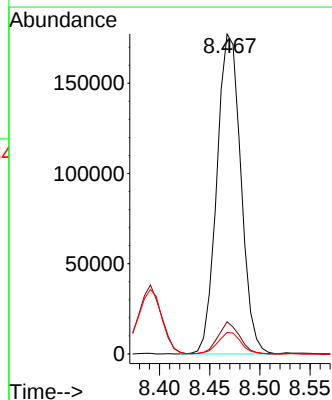
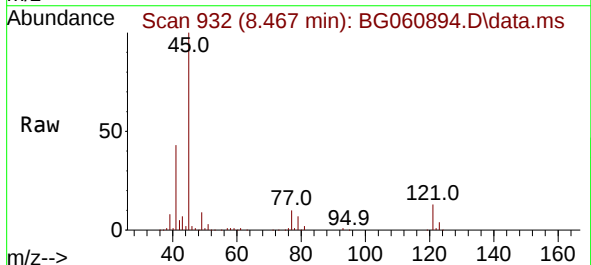
Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion: 79 Resp: 136105
Ion Ratio Lower Upper
79 100
108 70.8 61.4 92.0
77 63.8 53.6 80.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.892 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.029 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

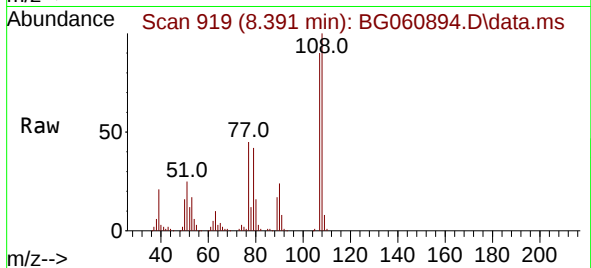
Tgt Ion: 45 Resp: 294732
Ion Ratio Lower Upper
45 100
77 10.0 0.0 29.1
79 6.7 0.0 26.5



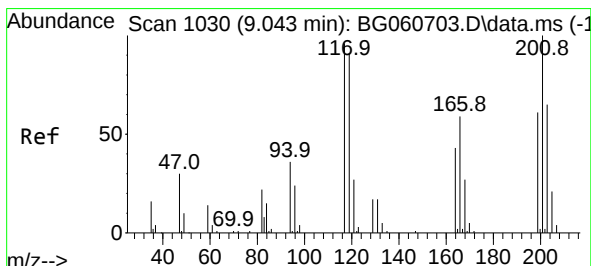
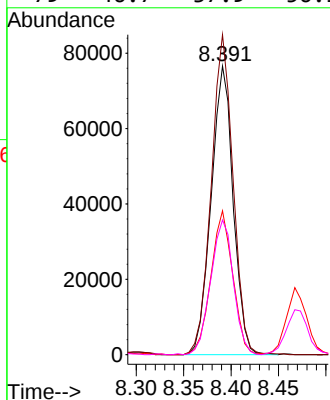
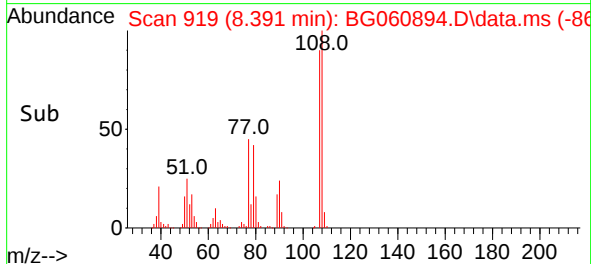


#17
2-Methylphenol
Concen: 39.445 ng
RT: 8.391 min Scan# 919
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

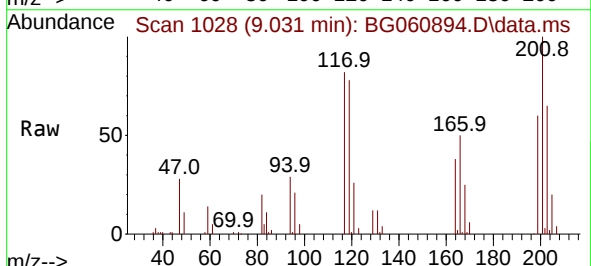
Instrument :
BNA_G
ClientSampleId :
PB160203BS



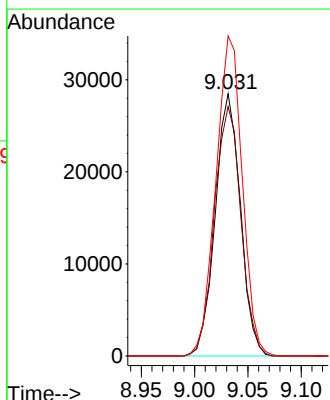
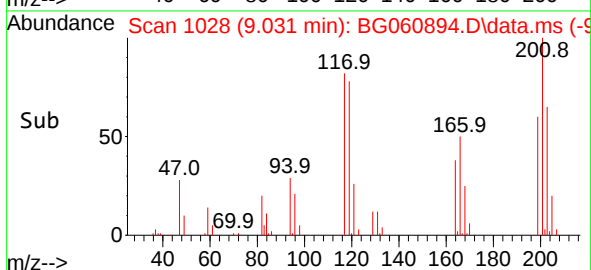
Tgt Ion:	107	Resp:	123850
Ion	Ratio	Lower	Upper
107	100		
108	110.9	86.4	129.6
77	49.8	38.6	58.0
79	46.7	37.9	56.9

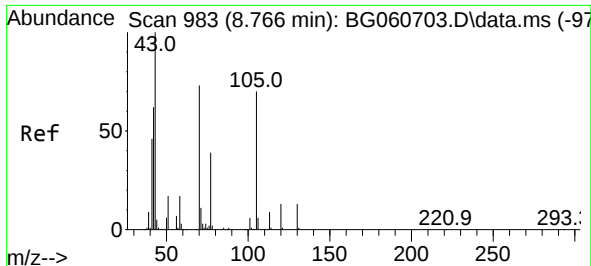


#18
Hexachloroethane
Concen: 39.865 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:	117	Resp:	46755
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.7	113.5
201	122.0	83.4	125.2

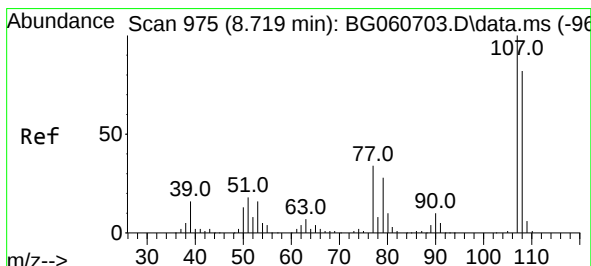
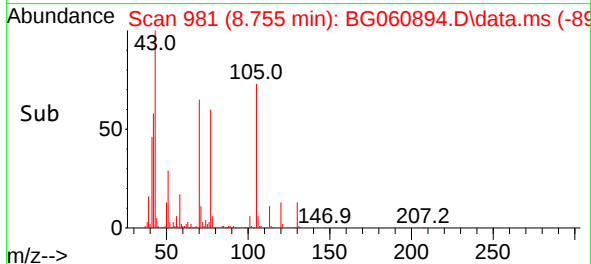
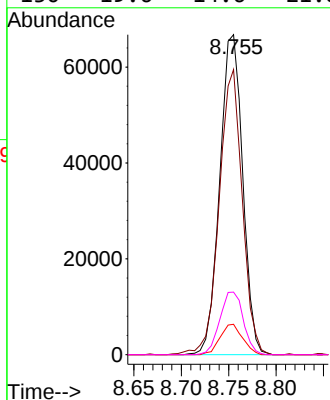
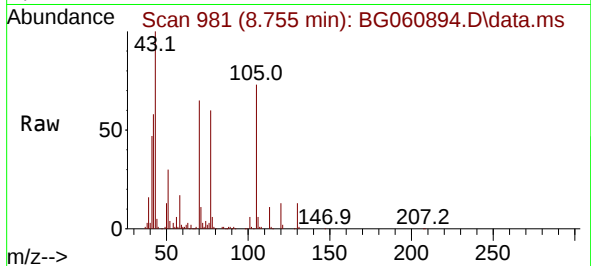




#19
n-Nitroso-di-n-propylamine
Concen: 36.161 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

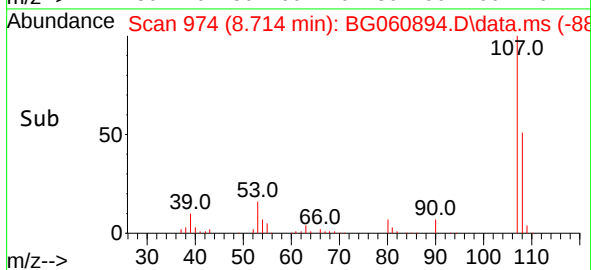
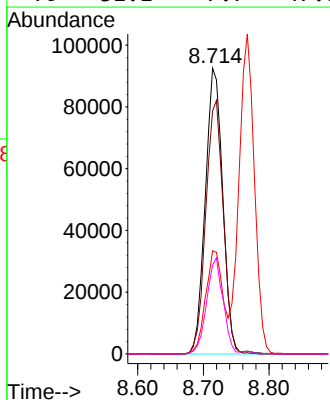
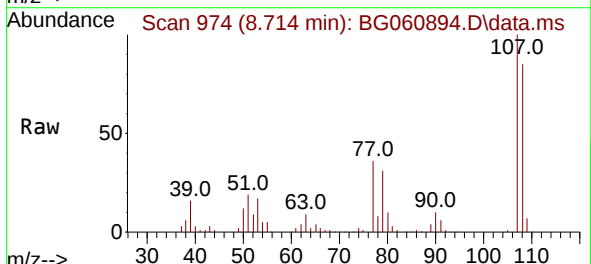
Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion: 70 Resp: 112383
Ion Ratio Lower Upper
70 100
42 89.1 68.4 102.6
101 9.5 6.1 9.1#
130 19.6 14.6 21.8



#20
3+4-Methylphenols
Concen: 39.852 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 107 Resp: 171346
Ion Ratio Lower Upper
107 100
108 85.1 62.2 102.2
77 36.1 14.1 54.1
79 31.1 7.7 47.7

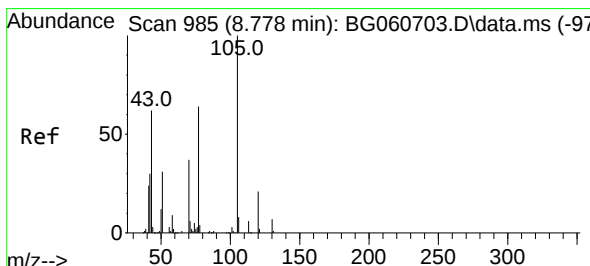
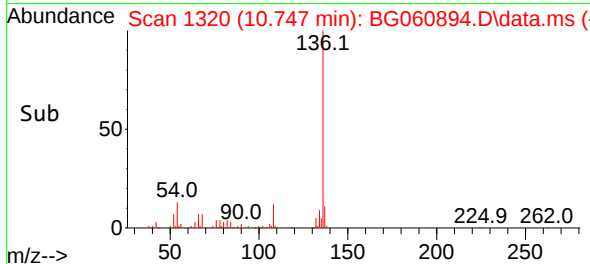
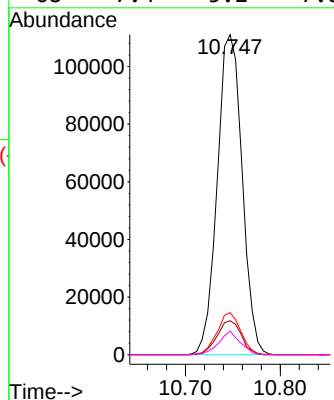
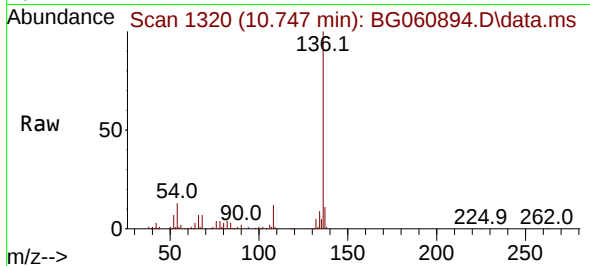




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

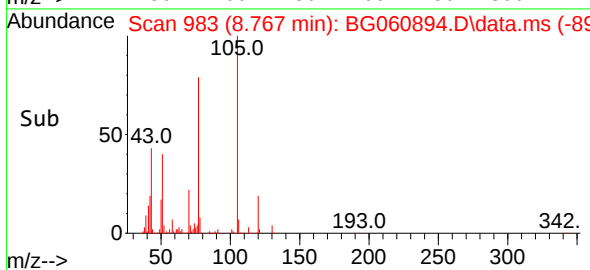
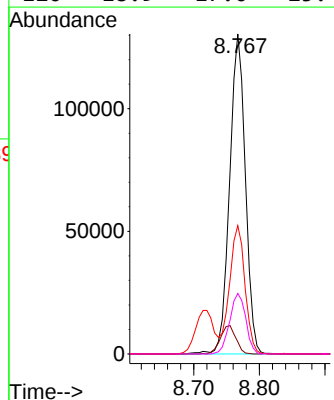
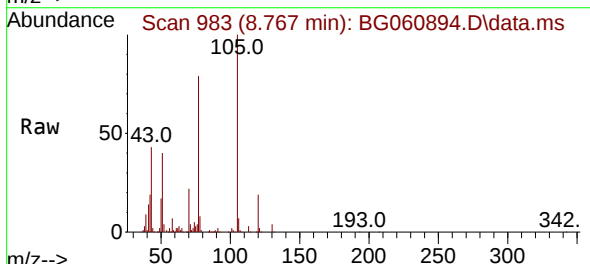
Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion:	136	Resp:	202596
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	13.1	10.2	15.2
68	7.4	5.2	7.8



#22
Acetophenone
Concen: 38.875 ng
RT: 8.767 min Scan# 983
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:	105	Resp:	217167
Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.9	7.3#
51	40.1	31.1	46.7
120	18.9	17.0	25.4

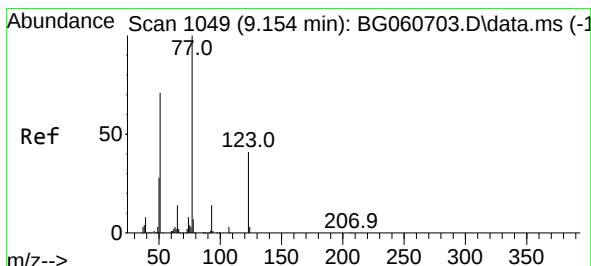
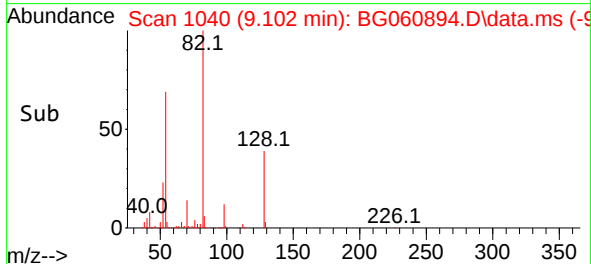
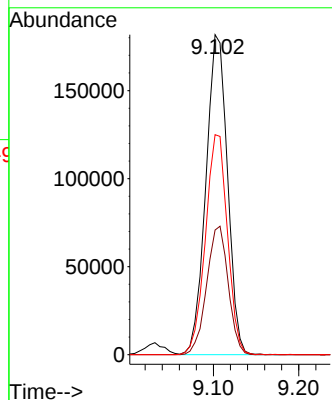
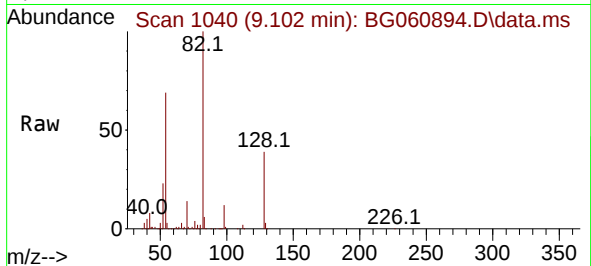




#23
Nitrobenzene-d5
Concen: 89.980 ng
RT: 9.102 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

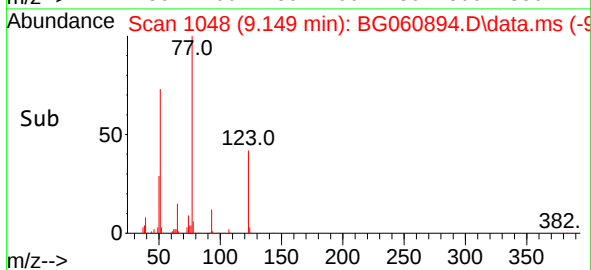
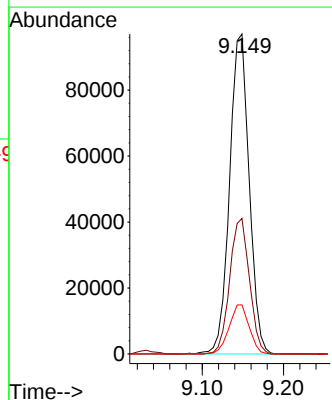
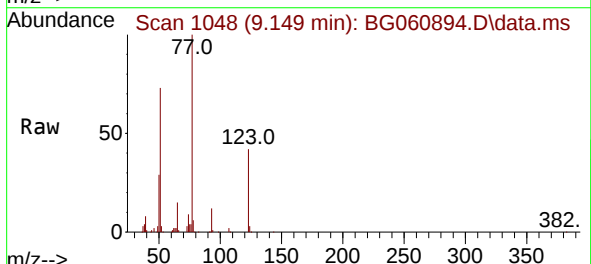
Instrument :
BNA_G
ClientSampleId :
PB160203BS

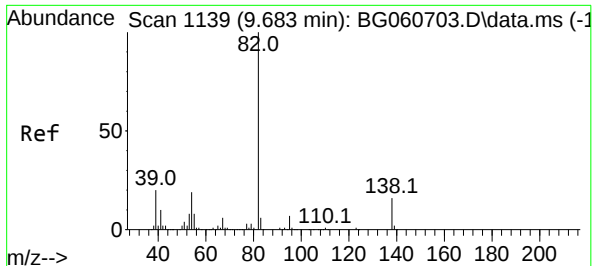
Tgt Ion: 82 Resp: 319472
Ion Ratio Lower Upper
82 100
128 38.9 31.2 46.8
54 68.7 53.2 79.8



#24
Nitrobenzene
Concen: 41.411 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 77 Resp: 162065
Ion Ratio Lower Upper
77 100
123 42.4 32.7 49.1
65 15.3 11.3 16.9





#25

Isophorone

Concen: 38.423 ng

RT: 9.672 min Scan# 1137

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

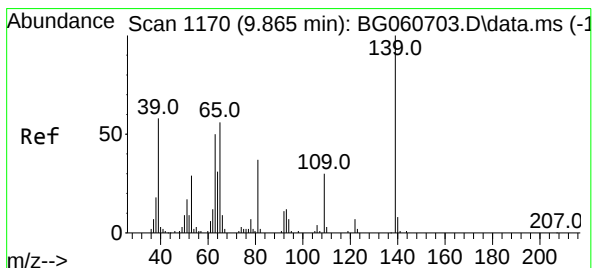
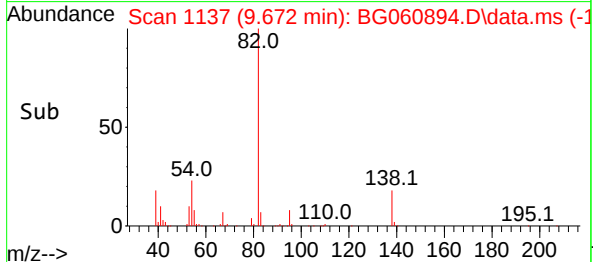
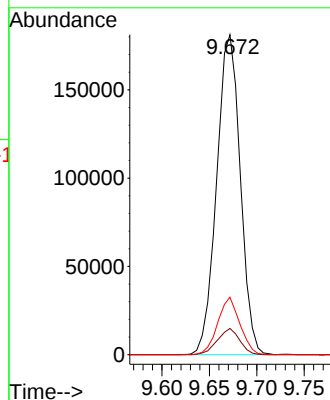
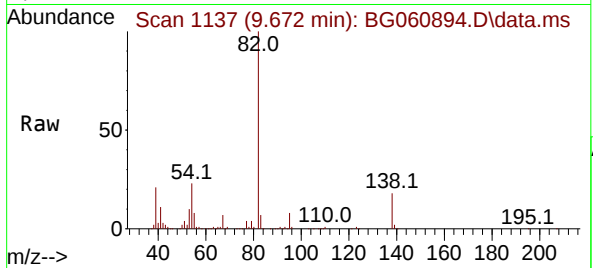
Tgt Ion: 82 Resp: 314216

Ion Ratio Lower Upper

82 100

95 8.2 5.8 8.8

138 18.0 13.0 19.4



#26

2-Nitrophenol

Concen: 52.610 ng

RT: 9.854 min Scan# 1168

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

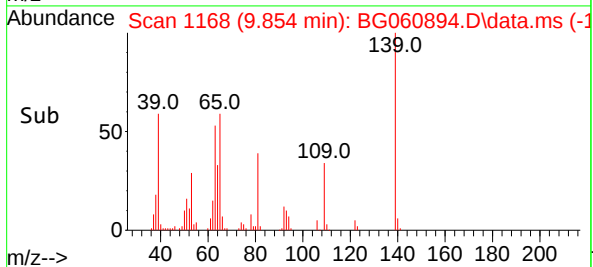
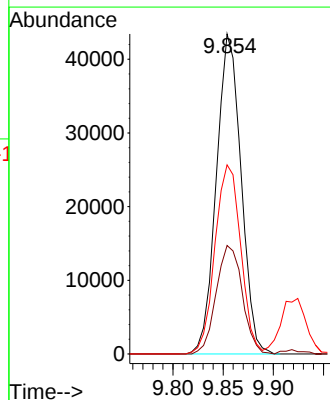
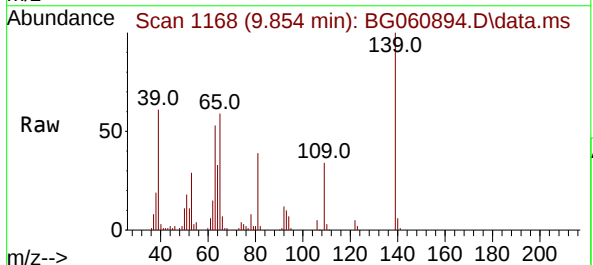
Tgt Ion: 139 Resp: 74260

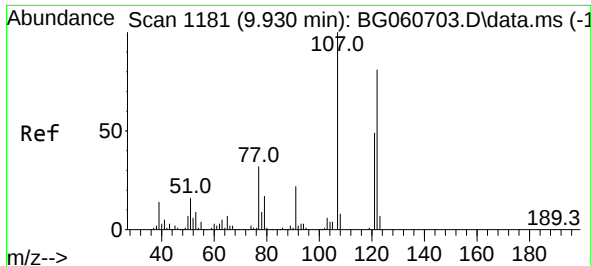
Ion Ratio Lower Upper

139 100

109 33.9 23.9 35.9

65 59.1 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 32.967 ng

RT: 9.919 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

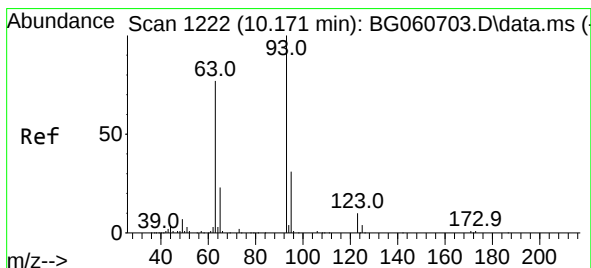
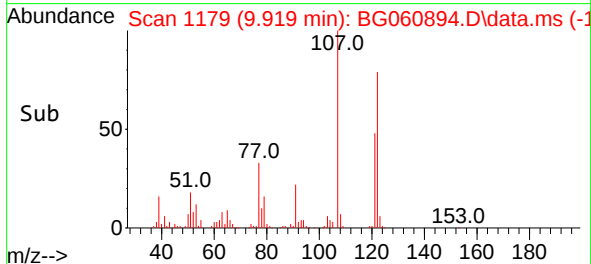
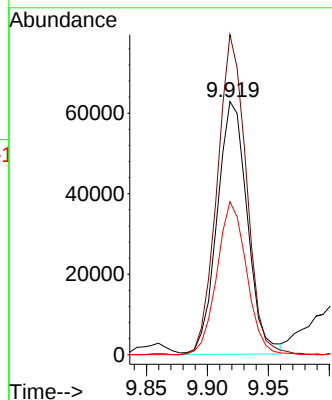
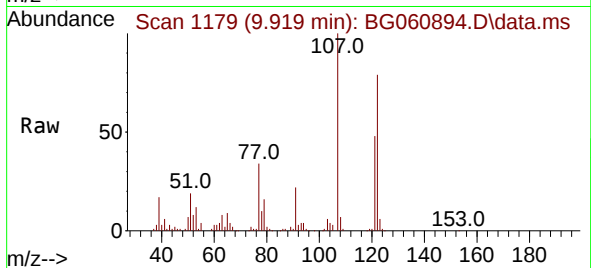
Tgt Ion:122 Resp: 108295

Ion Ratio Lower Upper

122 100

107 126.4 98.6 147.8

121 60.4 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.864 ng

RT: 10.154 min Scan# 1219

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

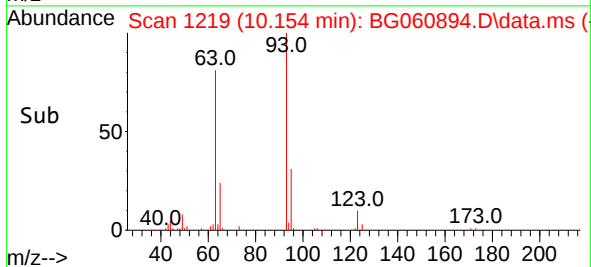
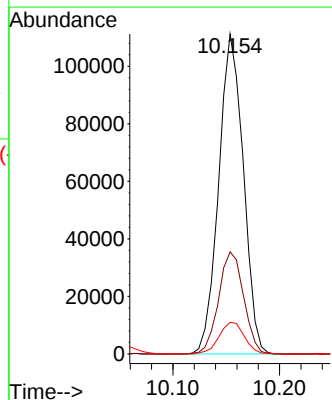
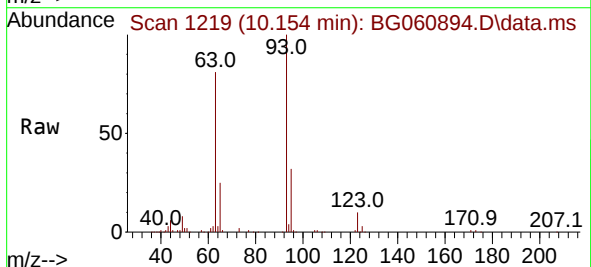
Tgt Ion: 93 Resp: 177977

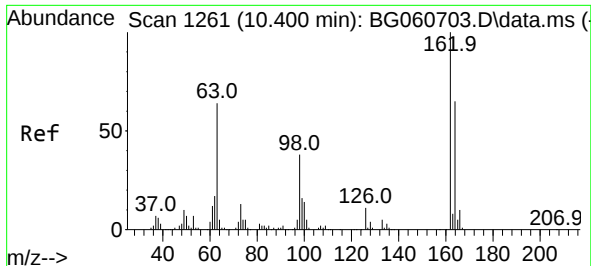
Ion Ratio Lower Upper

93 100

95 31.9 25.1 37.7

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 49.201 ng

RT: 10.394 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

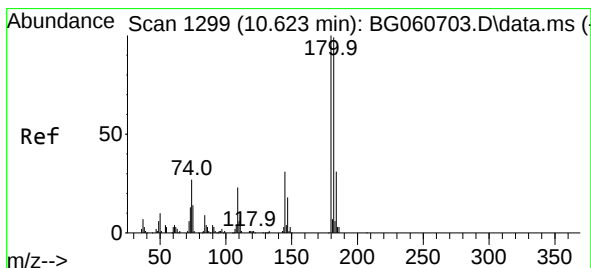
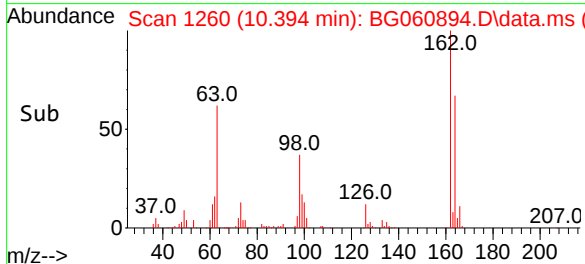
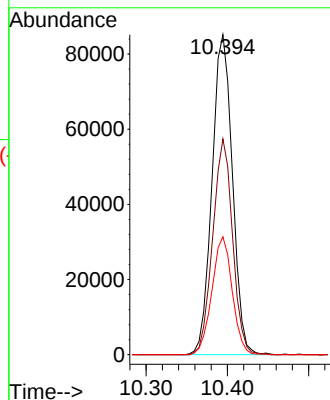
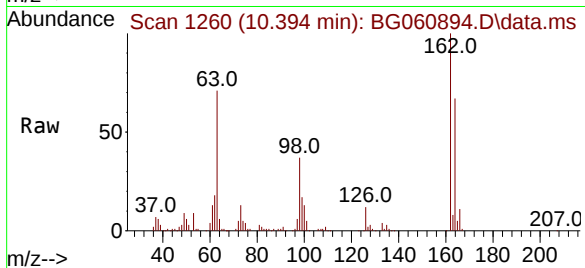
Tgt Ion:162 Resp: 148417

Ion Ratio Lower Upper

162 100

164 67.4 45.2 85.2

98 36.9 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 42.713 ng

RT: 10.612 min Scan# 1297

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

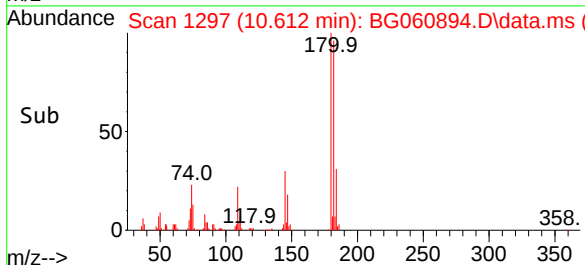
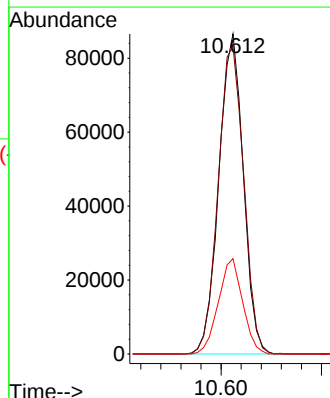
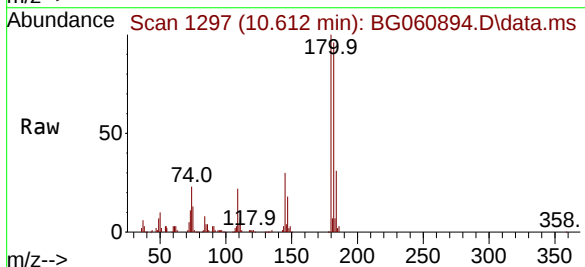
Tgt Ion:180 Resp: 145899

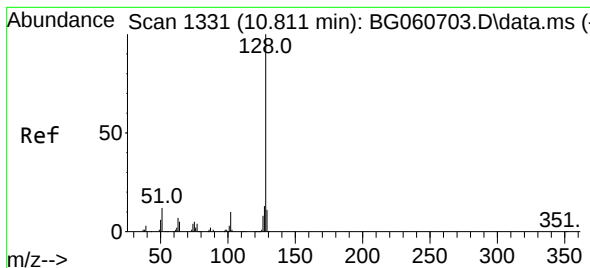
Ion Ratio Lower Upper

180 100

182 96.2 79.0 118.4

145 29.8 24.9 37.3

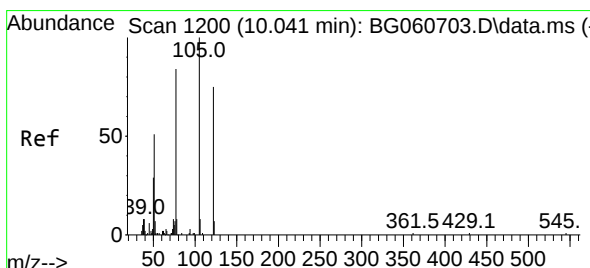
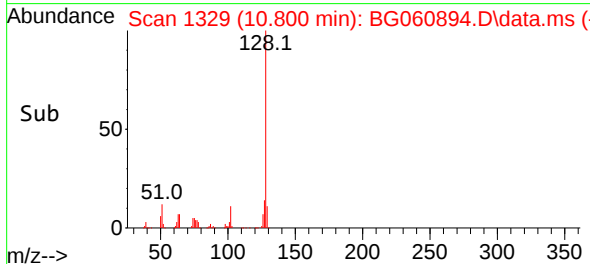
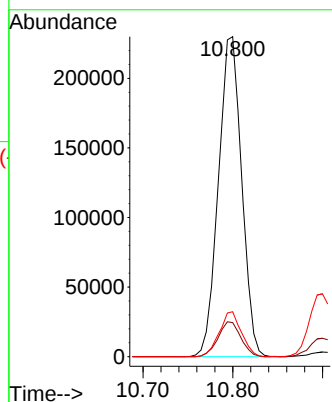
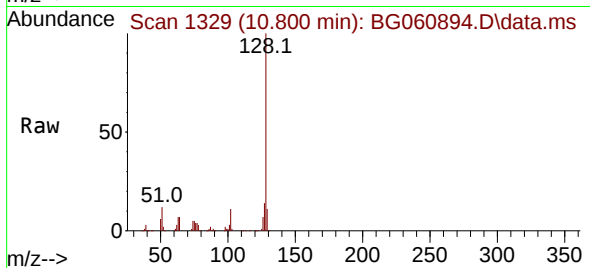




#31
Naphthalene
Concen: 37.709 ng
RT: 10.800 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

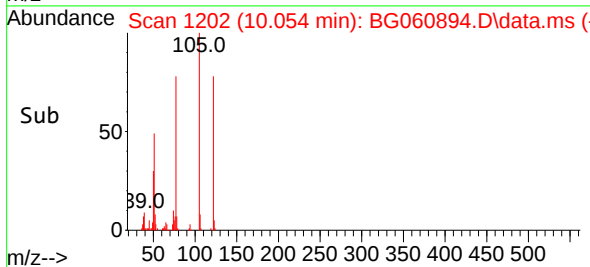
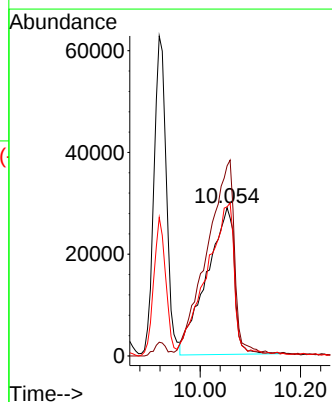
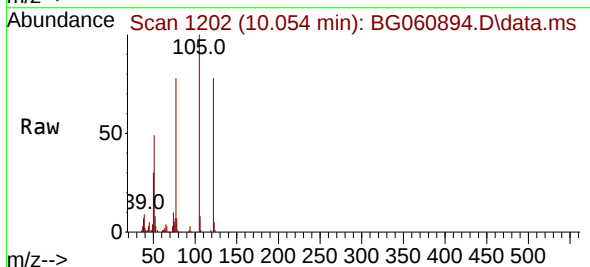
Instrument :
BNA_G
ClientSampleId :
PB160203BS

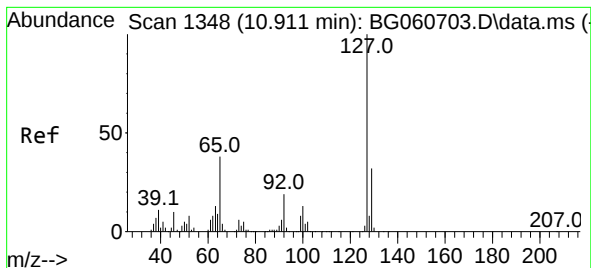
Tgt Ion:128 Resp: 413262
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 14.1 10.5 15.7



#32
Benzoic acid
Concen: 50.232 ng
RT: 10.054 min Scan# 1202
Delta R.T. 0.013 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:122 Resp: 110597
Ion Ratio Lower Upper
122 100
105 128.2 104.5 144.5
77 100.5 85.3 125.3

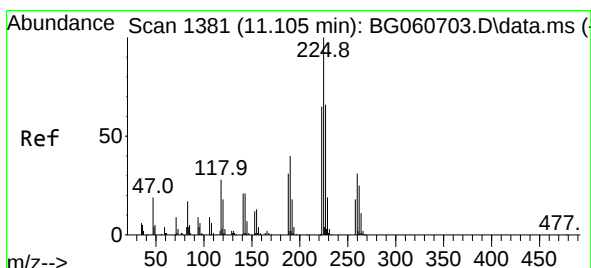
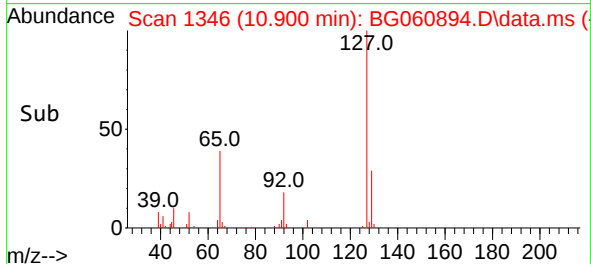
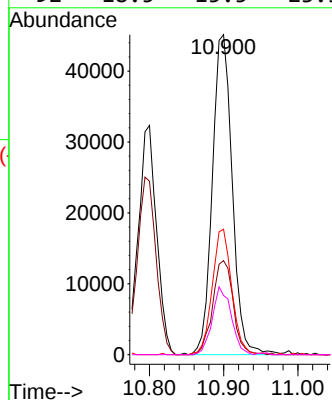
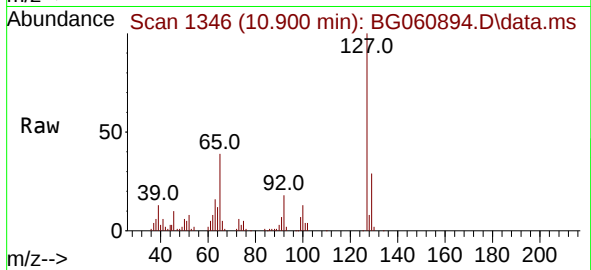




#33
4-Chloroaniline
Concen: 16.568 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

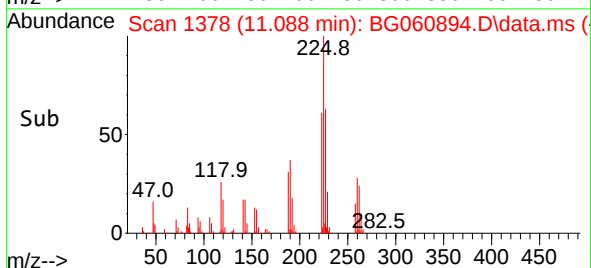
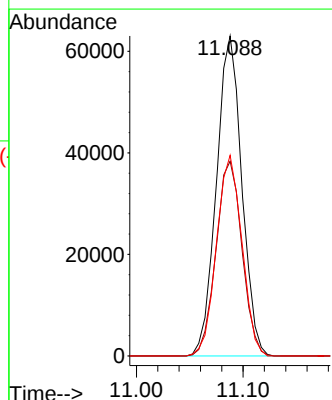
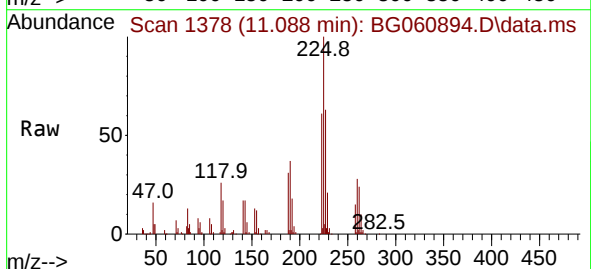
Instrument :
BNA_G
ClientSampleId :
PB160203BS

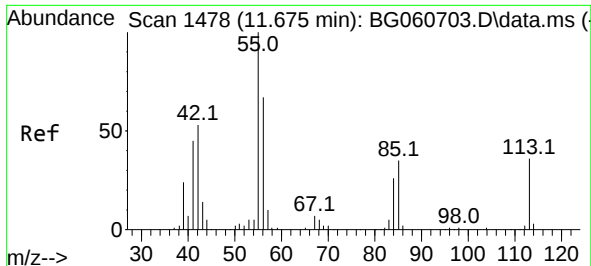
Tgt Ion:	127	Resp:	84333
Ion Ratio	Lower	Upper	
127	100		
129	29.4	25.3	37.9
65	39.2	30.2	45.2
92	18.5	15.5	23.3



#34
Hexachlorobutadiene
Concen: 45.752 ng
RT: 11.088 min Scan# 1378
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:	225	Resp:	104154
Ion Ratio	Lower	Upper	
225	100		
223	60.8	52.0	78.0
227	62.7	52.5	78.7

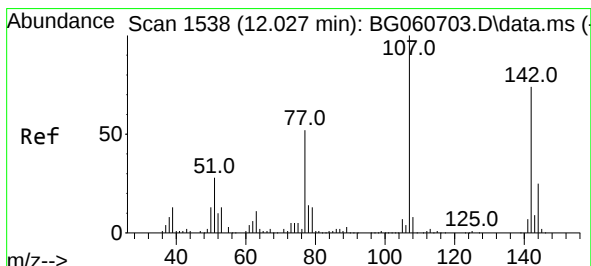
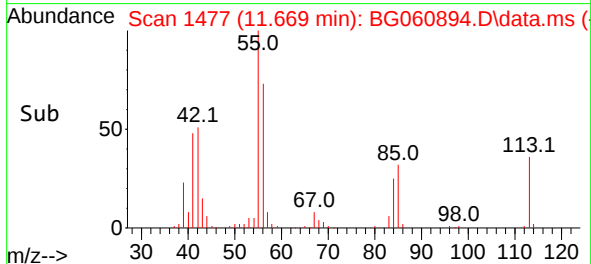
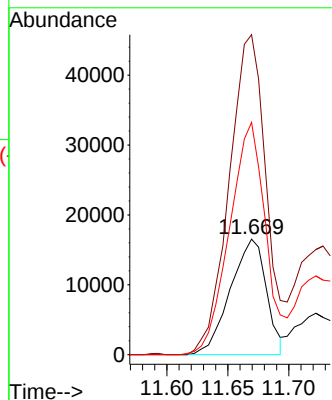
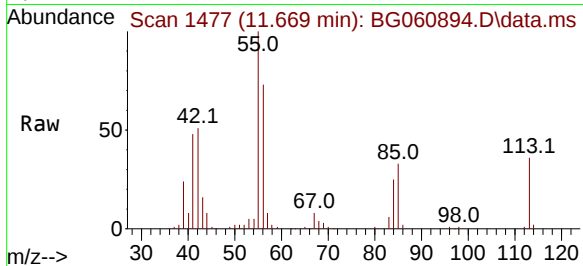




#35
 Caprolactam
 Concen: 28.476 ng
 RT: 11.669 min Scan# 14
 Delta R.T. -0.005 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

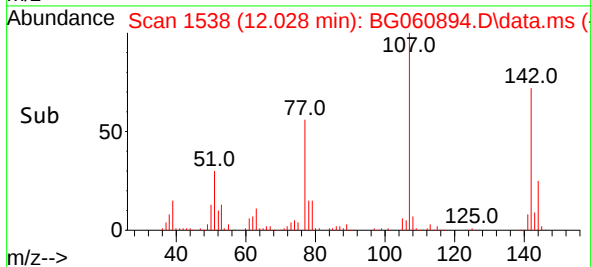
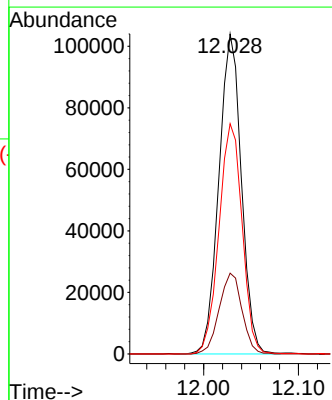
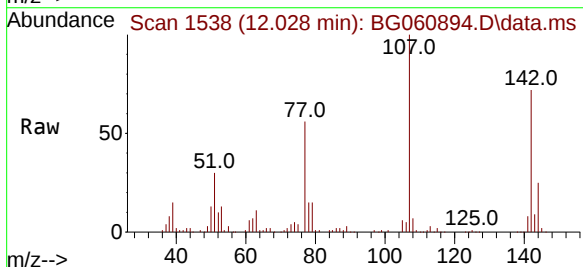
Instrument :
 BNA_G
 ClientSampleId :
 PB160203BS

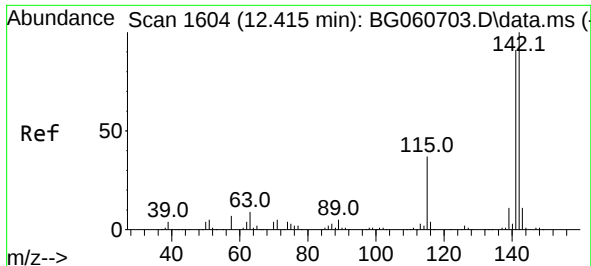
Tgt Ion:113 Resp: 34022
 Ion Ratio Lower Upper
 113 100
 55 277.1 258.0 298.0
 56 201.1 166.3 206.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.519 ng
 RT: 12.028 min Scan# 1538
 Delta R.T. 0.001 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:107 Resp: 171558
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 72.0 59.2 88.8

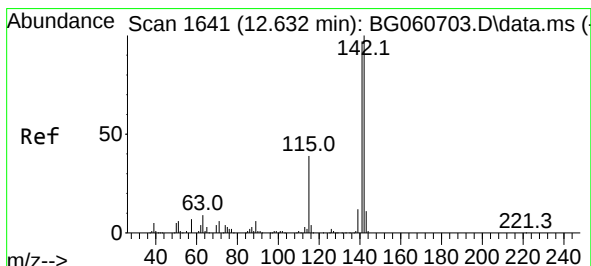
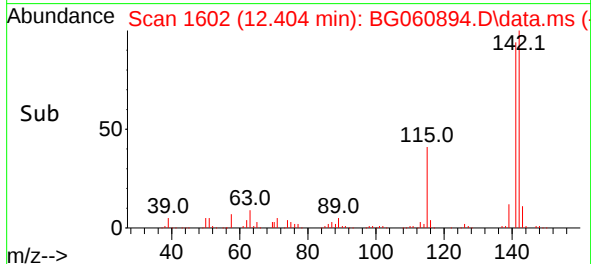
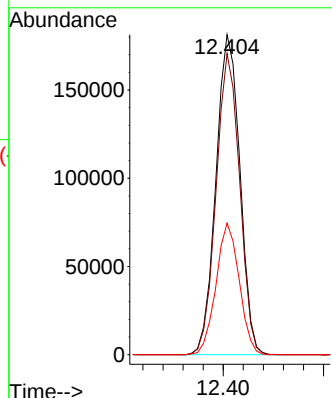
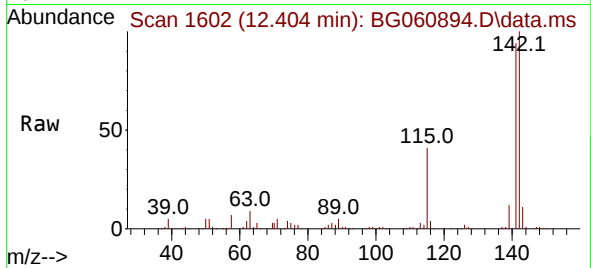




#37
2-Methylnaphthalene
Concen: 37.258 ng
RT: 12.404 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

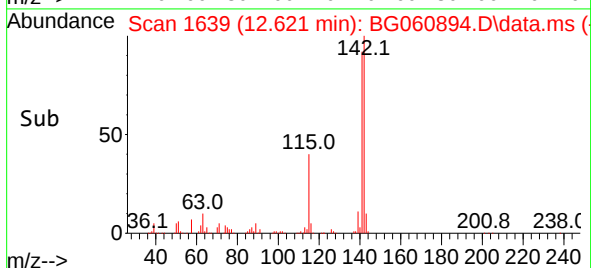
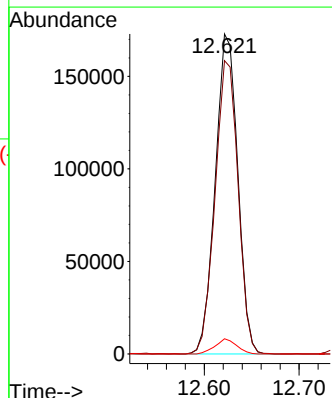
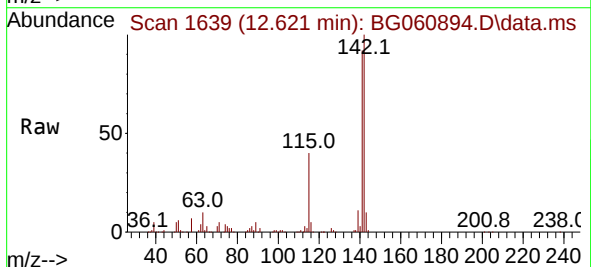
Instrument :
BNA_G
ClientSampleId :
PB160203BS

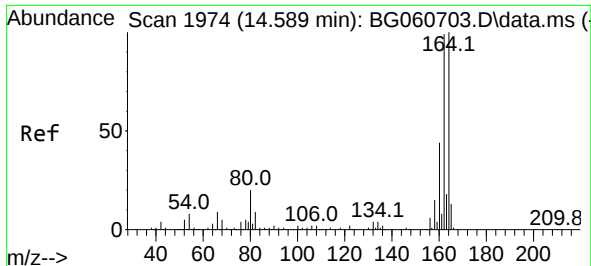
Tgt Ion:142 Resp: 300194
Ion Ratio Lower Upper
142 100
141 94.1 72.7 109.1
115 41.1 29.9 44.9



#38
1-Methylnaphthalene
Concen: 37.521 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:142 Resp: 285594
Ion Ratio Lower Upper
142 100
141 91.7 77.7 116.5
116 4.7 3.4 5.2

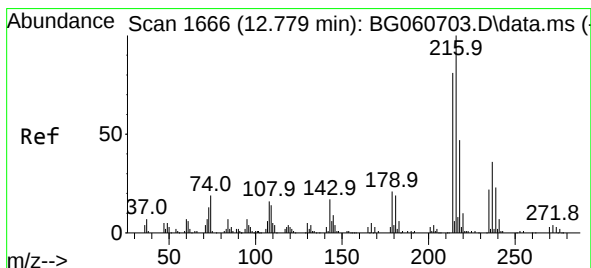
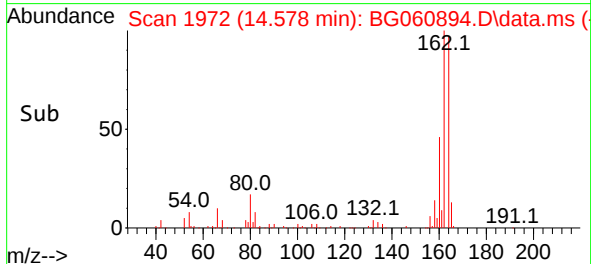
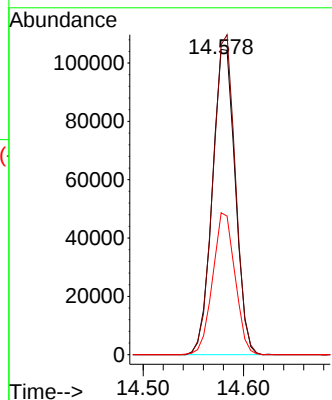
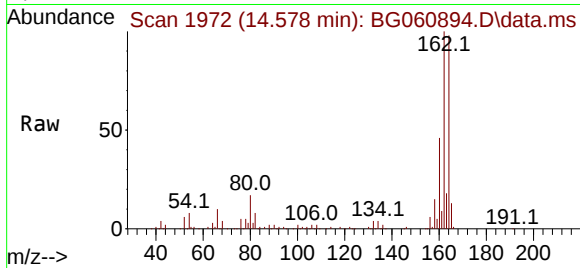




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.578 min Scan# 1974
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

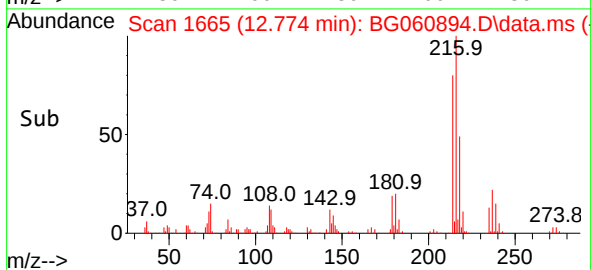
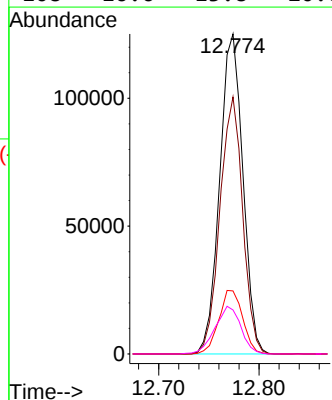
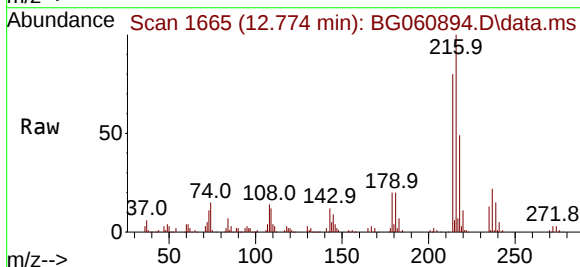
Instrument :
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 ClientSampleId :
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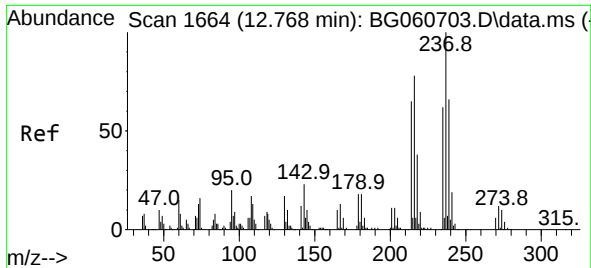
Tgt Ion:164 Resp: 166177
 Ion Ratio Lower Upper
 164 100
 162 101.6 79.5 119.3
 160 46.5 35.4 53.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.985 ng
 RT: 12.774 min Scan# 1665
 Delta R.T. -0.005 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:216 Resp: 200581
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.1 94.7
 179 20.4 16.7 25.1
 108 16.6 13.8 20.6

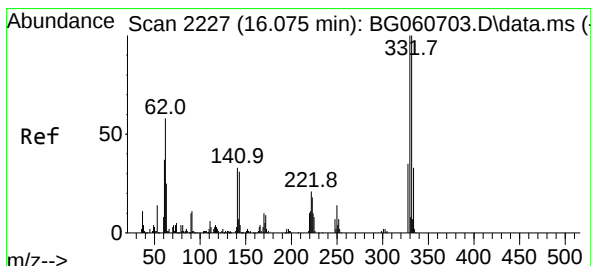
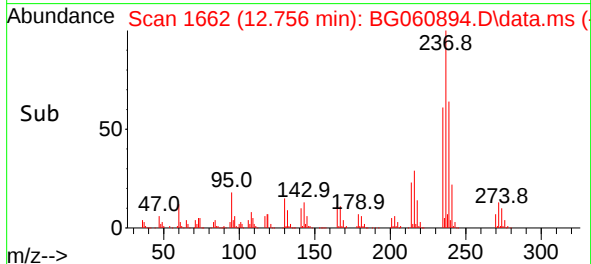
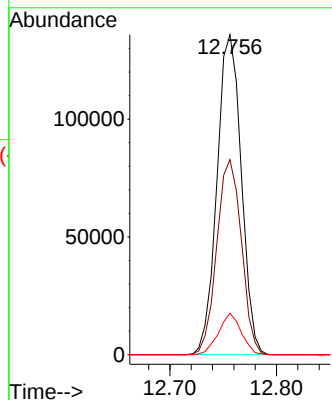
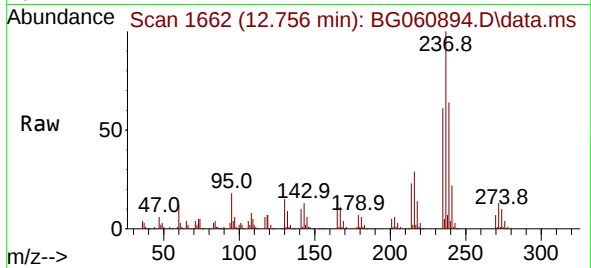




#41
Hexachlorocyclopentadiene
Concen: 88.439 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

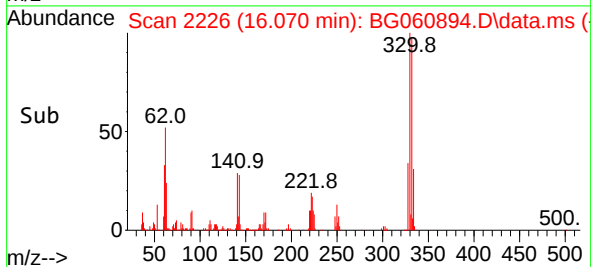
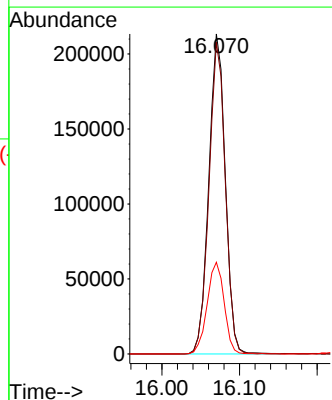
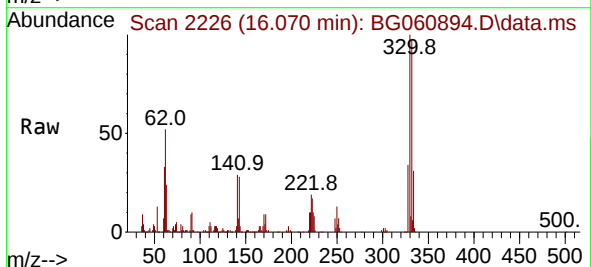
Instrument :
BNA_G
ClientSampleId :
PB160203BS

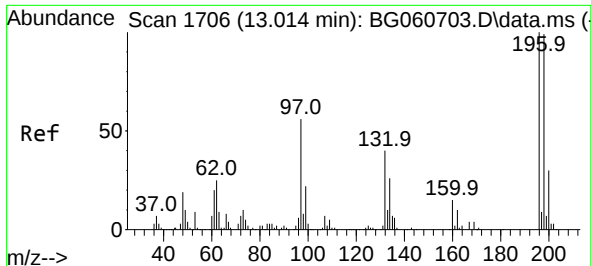
Tgt Ion:237 Resp: 214837
Ion Ratio Lower Upper
237 100
235 60.9 42.0 82.0
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 167.021 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

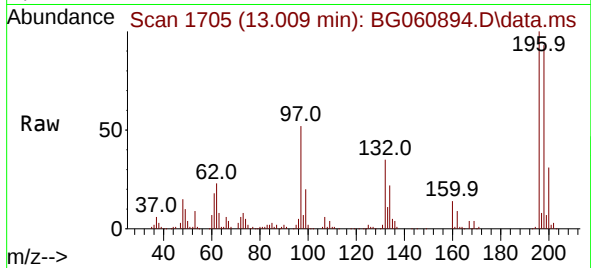
Tgt Ion:330 Resp: 315065
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 29.5 27.0 40.6



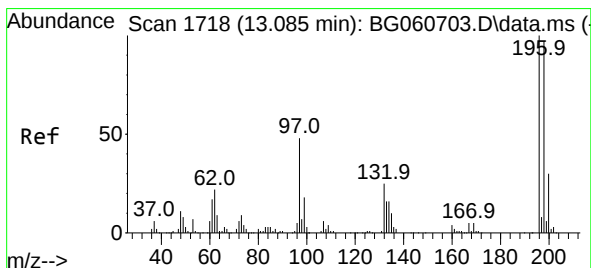
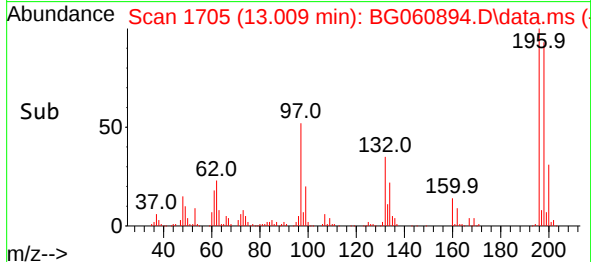
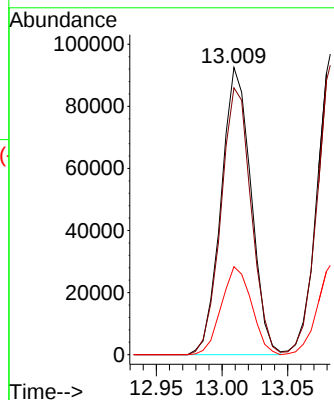


#43
2,4,6-Trichlorophenol
Concen: 47.636 ng
RT: 13.009 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :
BNA_G
ClientSampleId :
PB160203BS

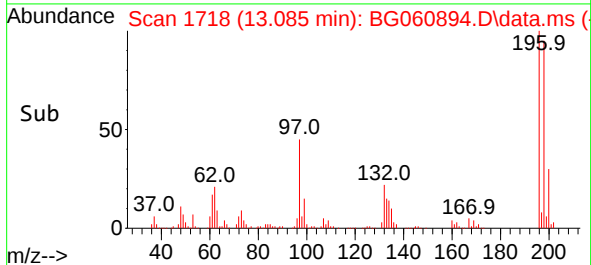
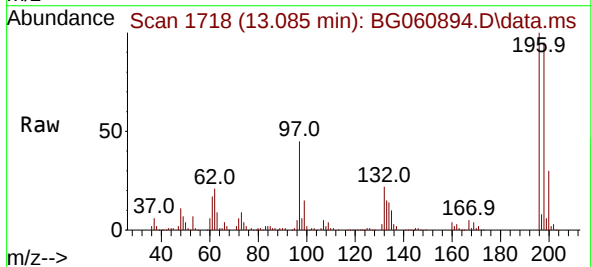
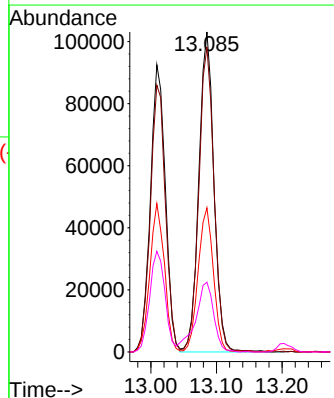


Tgt Ion:196 Resp: 146540
Ion Ratio Lower Upper
196 100
198 92.9 79.1 118.7
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 45.021 ng
RT: 13.085 min Scan# 1718
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:196 Resp: 165280
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.8
97 45.0 38.2 57.4
132 21.8 20.3 30.5

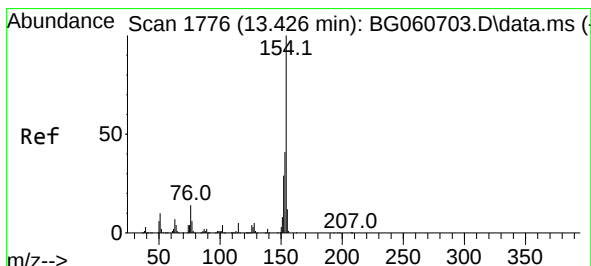
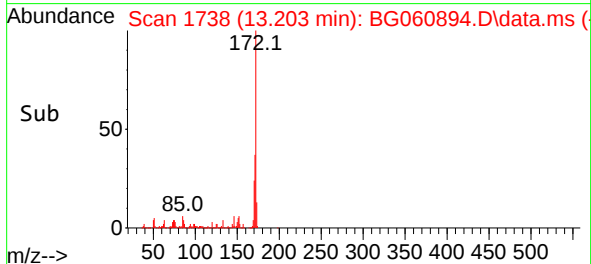
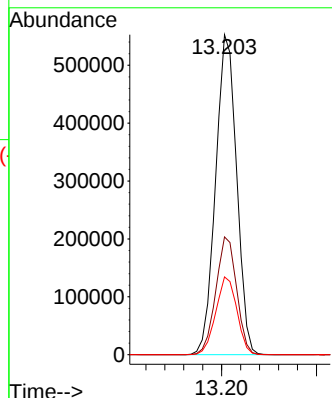
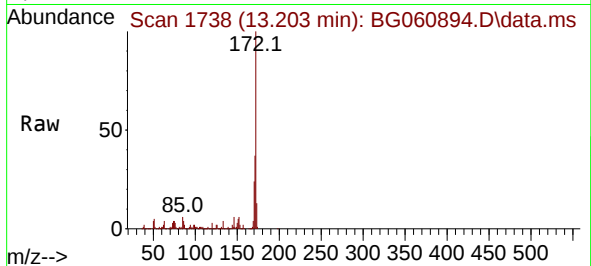




#45
2-Fluorobiphenyl
Concen: 75.282 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

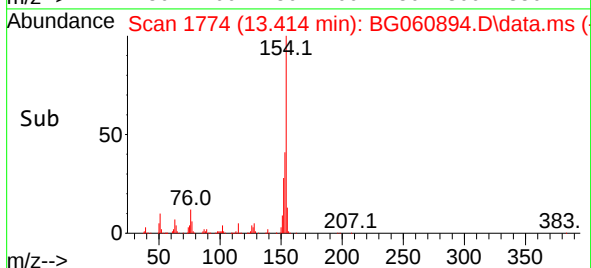
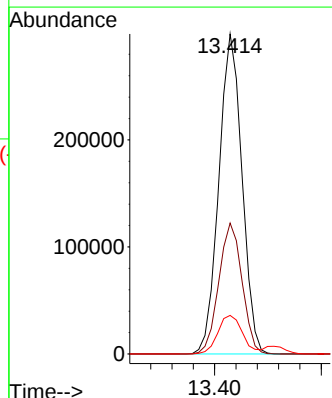
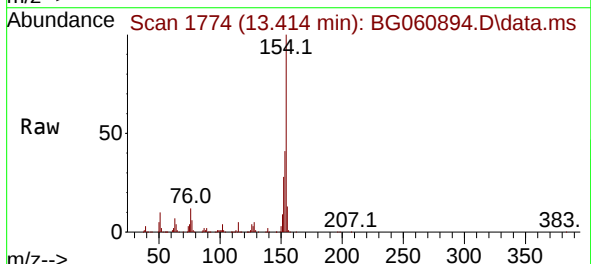
Instrument :
BNA_G
ClientSampleId :
PB160203BS

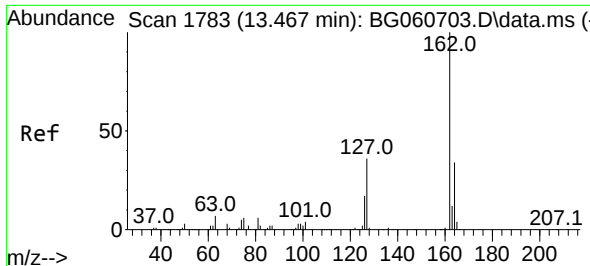
Tgt Ion:172 Resp: 852399
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.3 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.319 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:154 Resp: 449778
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.0 0.0 33.9

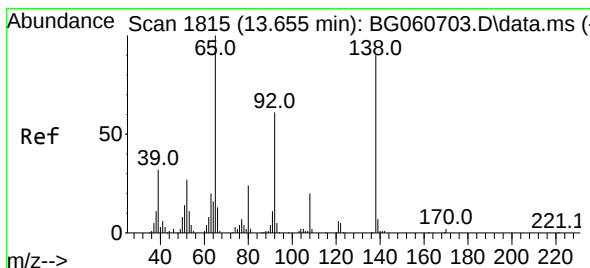
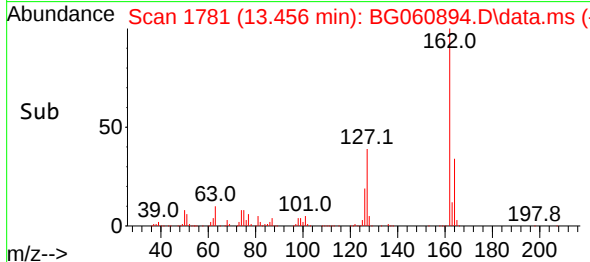
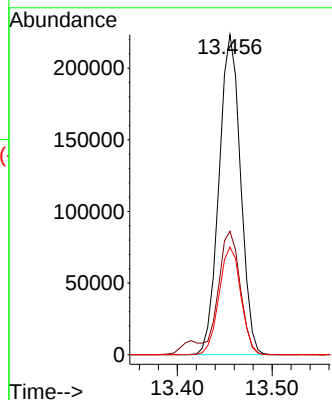
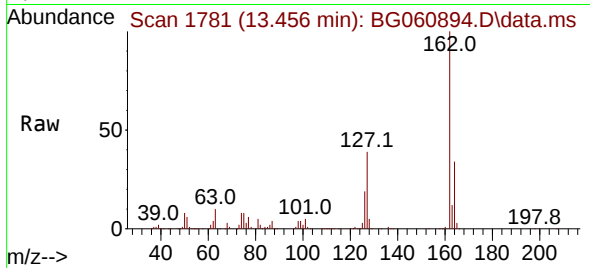




#47
2-Chloronaphthalene
Concen: 39.608 ng
RT: 13.456 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

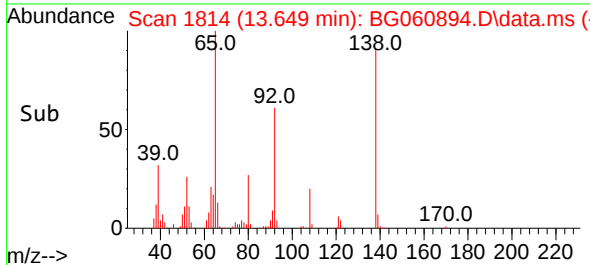
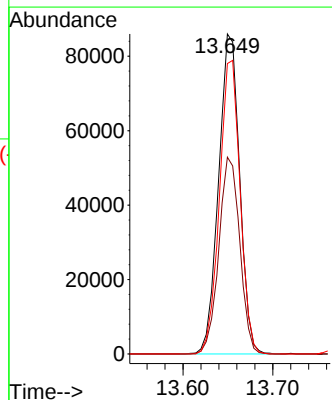
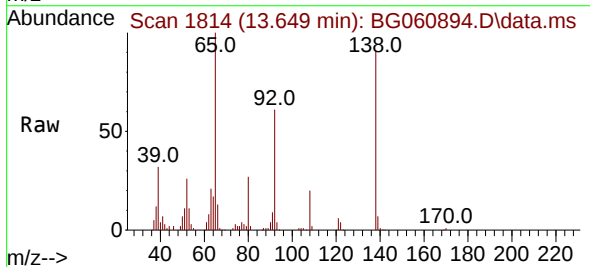
Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion:162 Resp: 353223
Ion Ratio Lower Upper
162 100
127 38.6 30.6 46.0
164 33.6 26.9 40.3



#48
2-Nitroaniline
Concen: 48.276 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 65 Resp: 139722
Ion Ratio Lower Upper
65 100
92 61.5 48.6 72.8
138 90.8 72.2 108.4

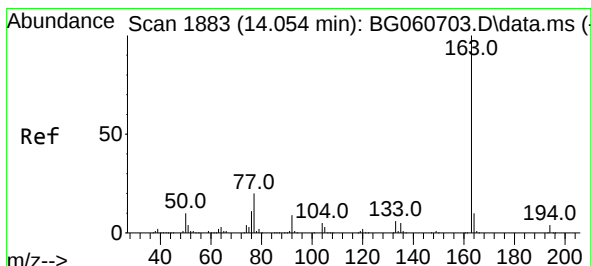
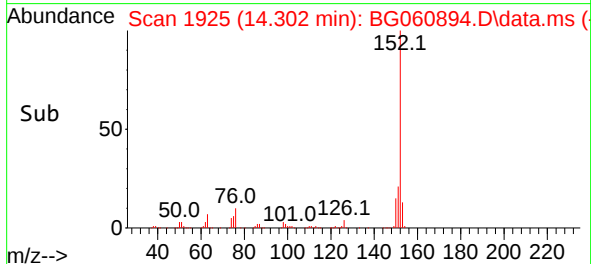
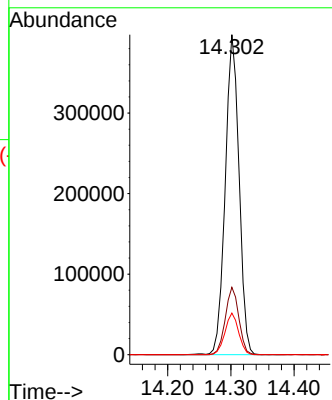
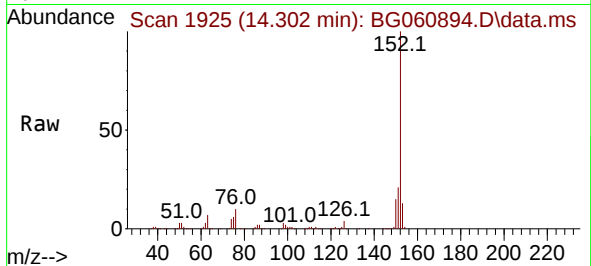




#49
Acenaphthylene
Concen: 40.146 ng
RT: 14.302 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

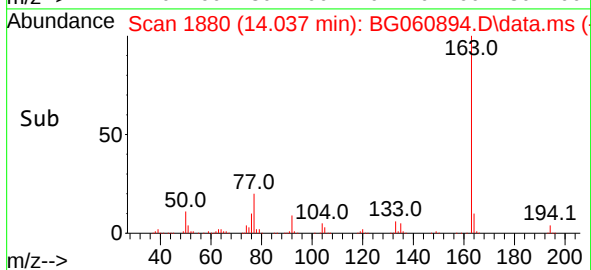
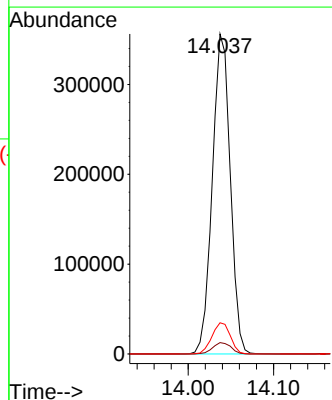
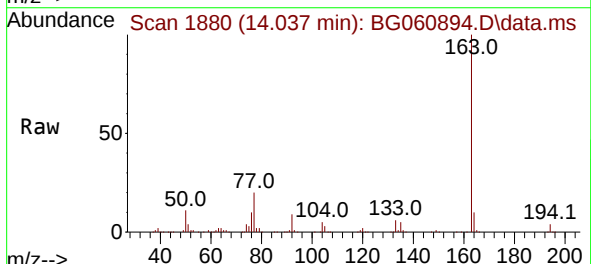
Instrument :
BNA_G
ClientSampleId :
PB160203BS

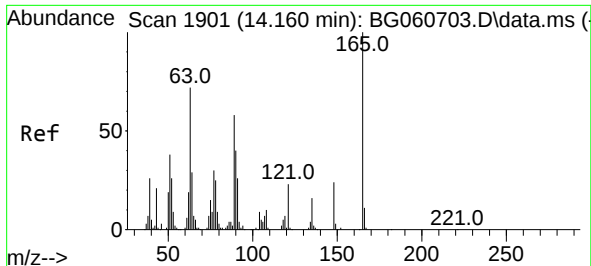
Tgt Ion:152 Resp: 601570
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 39.704 ng
RT: 14.037 min Scan# 1880
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:163 Resp: 521497
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.8 7.9 11.9

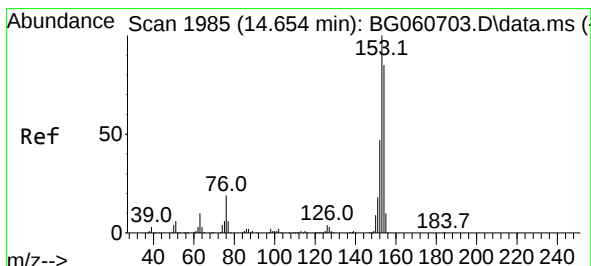
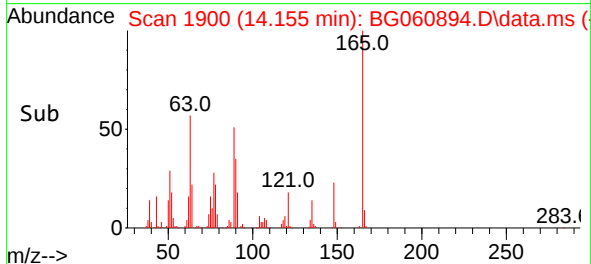
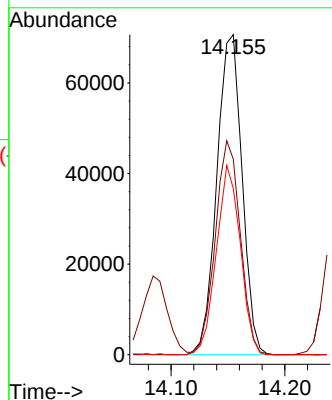
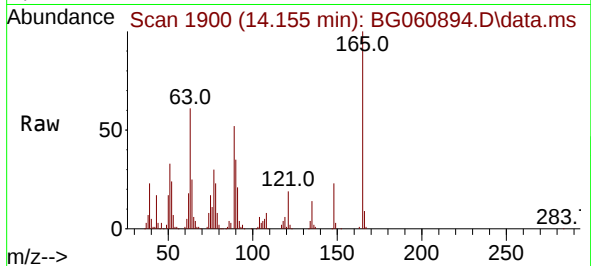




#51
2,6-Dinitrotoluene
Concen: 46.528 ng
RT: 14.155 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

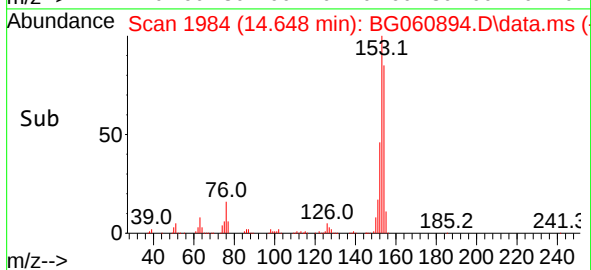
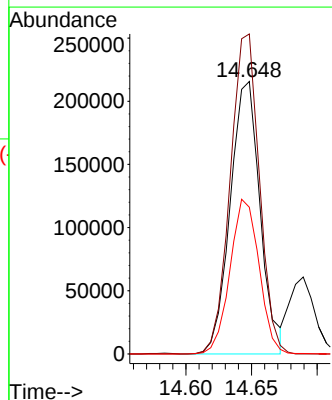
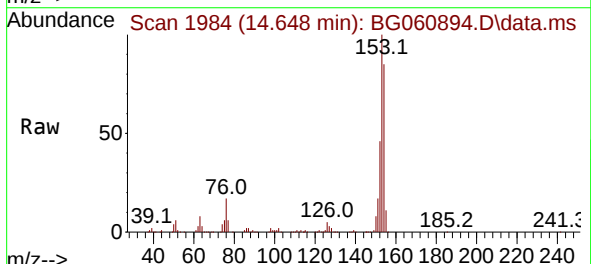
Instrument :
BNA_G
ClientSampleId :
PB160203BS

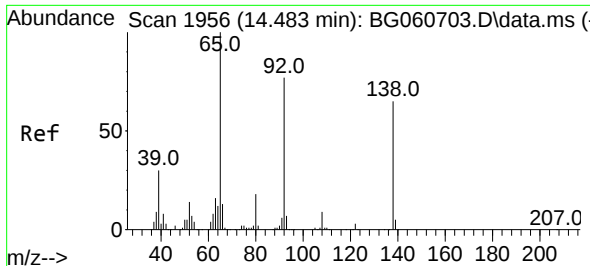
Tgt Ion:165 Resp: 109148
Ion Ratio Lower Upper
165 100
63 61.0 58.2 87.4
89 51.9 46.1 69.1



#52
Acenaphthene
Concen: 36.301 ng
RT: 14.648 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:154 Resp: 341522
Ion Ratio Lower Upper
154 100
153 117.4 93.9 140.9
152 53.8 44.1 66.1

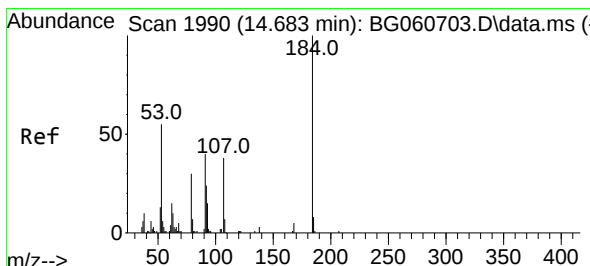
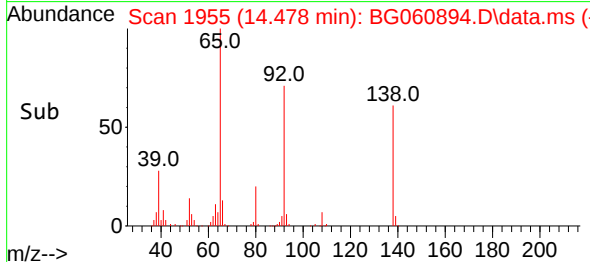
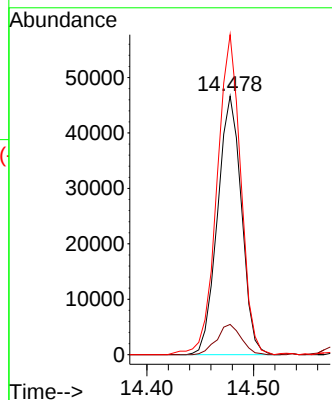
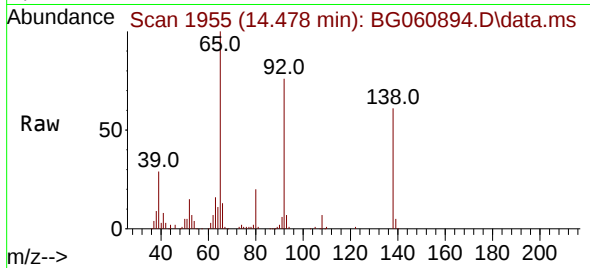




#53
3-Nitroaniline
Concen: 29.353 ng
RT: 14.478 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

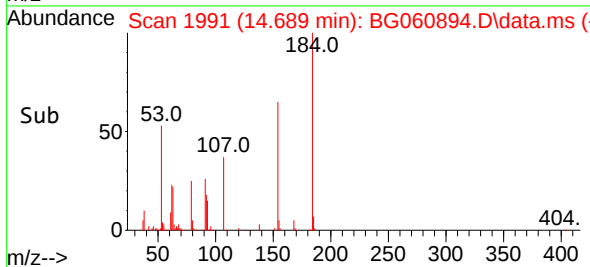
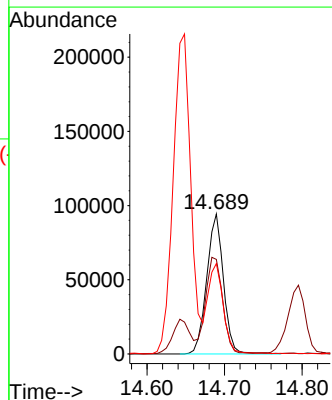
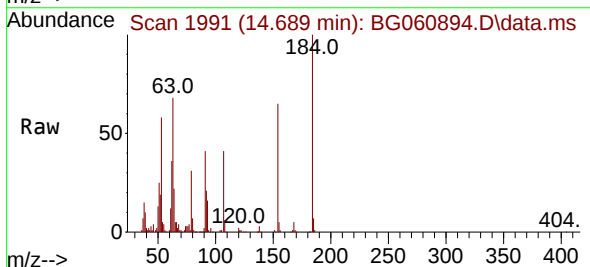
Instrument :
BNA_G
ClientSampleId :
PB160203BS

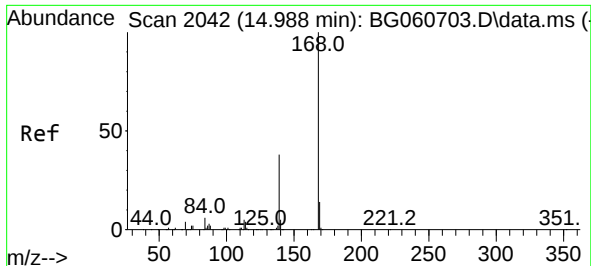
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	11.3	16.9
92	123.7	94.1	141.1



#54
2,4-Dinitrophenol
Concen: 154.413 ng
RT: 14.689 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.6	51.3	76.9
154	64.6	59.9	89.9

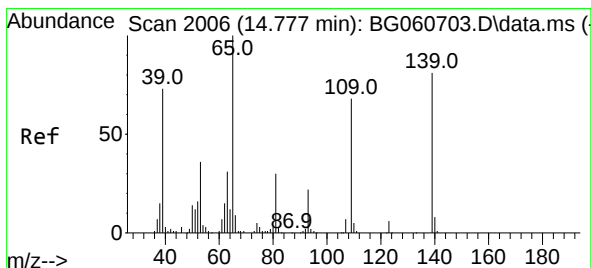
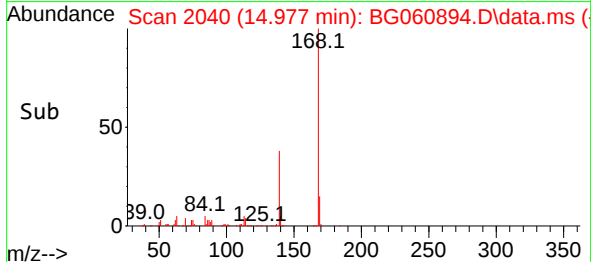
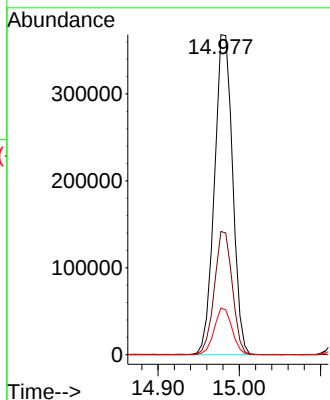
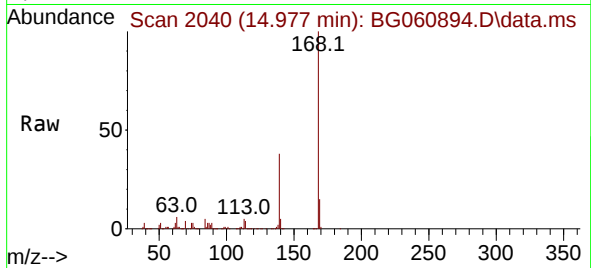




#55
Dibenzofuran
Concen: 38.604 ng
RT: 14.977 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

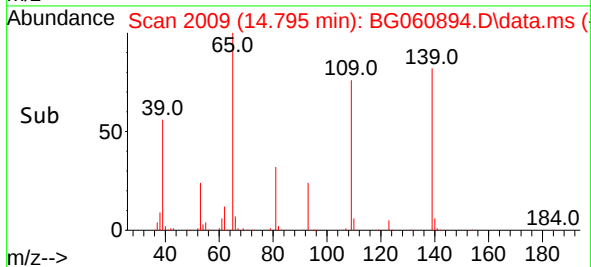
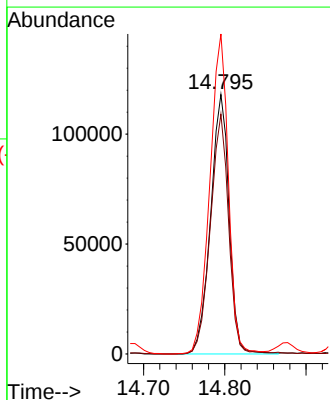
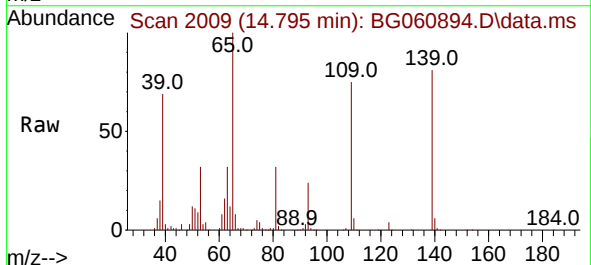
Instrument :
BNA_G
ClientSampleId :
PB160203BS

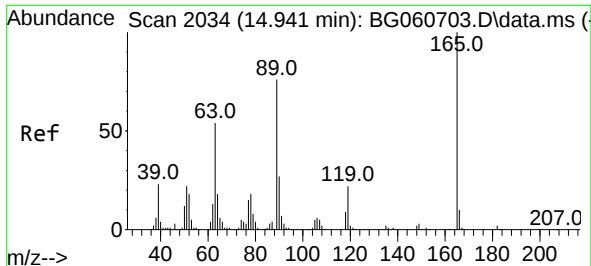
Tgt Ion:168 Resp: 572874
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.6 11.0 16.4



#56
4-Nitrophenol
Concen: 97.523 ng
RT: 14.795 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:139 Resp: 187260
Ion Ratio Lower Upper
139 100
109 92.4 64.0 104.0
65 123.3 104.3 144.3





#57

2,4-Dinitrotoluene

Concen: 51.586 ng

RT: 14.942 min Scan# 2034

Delta R.T. 0.001 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion:165 Resp: 159142

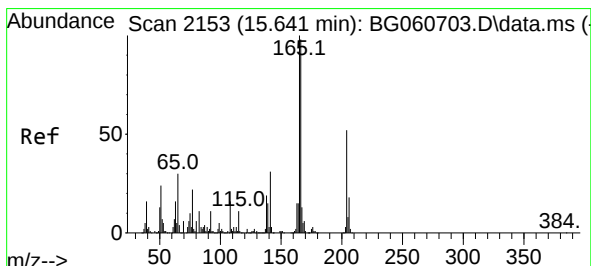
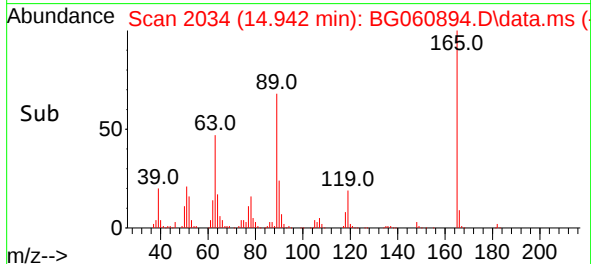
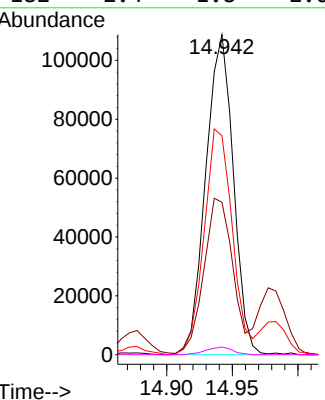
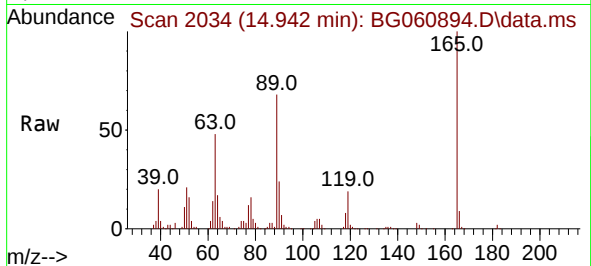
Ion Ratio Lower Upper

165 100

63 47.6 43.4 65.0

89 68.4 61.0 91.6

182 2.4 1.8 2.6



#58

Fluorene

Concen: 39.806 ng

RT: 15.629 min Scan# 2151

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

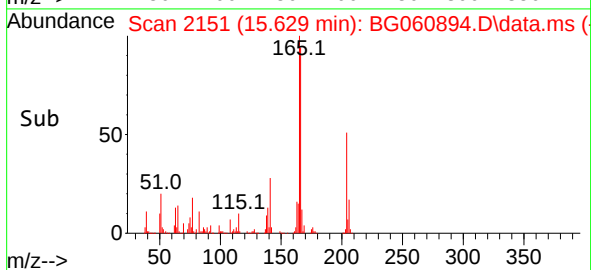
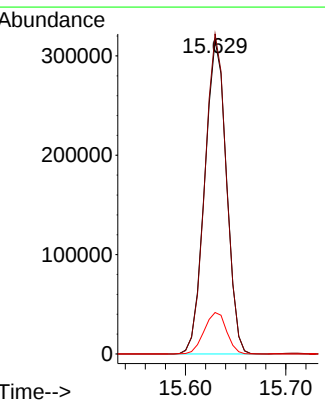
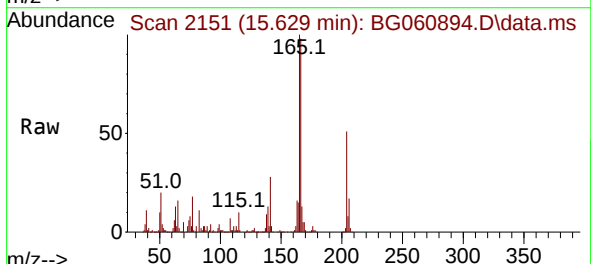
Tgt Ion:166 Resp: 474089

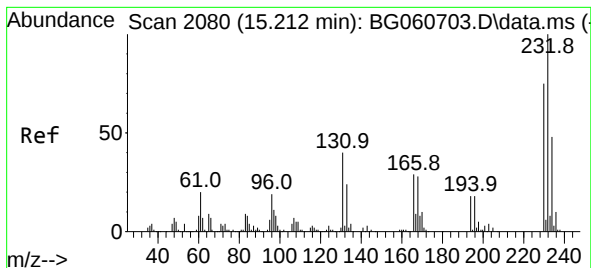
Ion Ratio Lower Upper

166 100

165 101.9 81.8 122.8

167 13.2 10.9 16.3

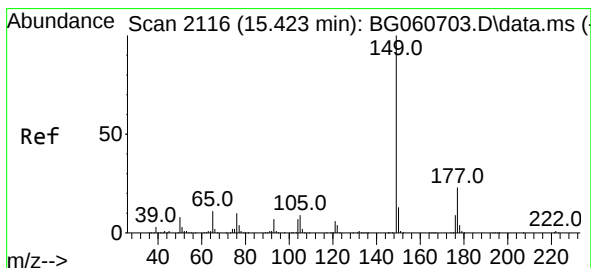
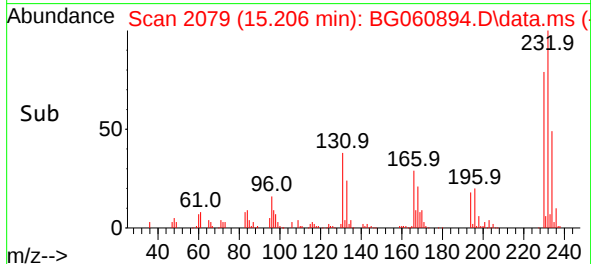
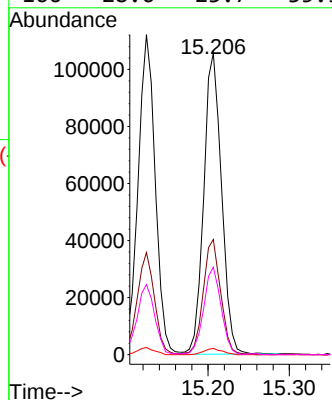
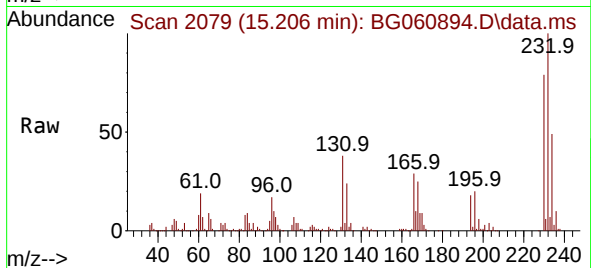




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.014 ng
RT: 15.206 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

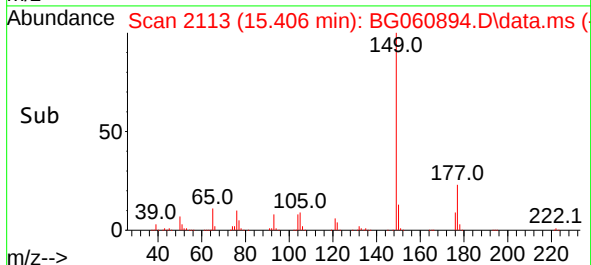
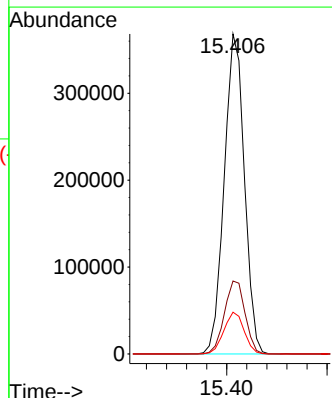
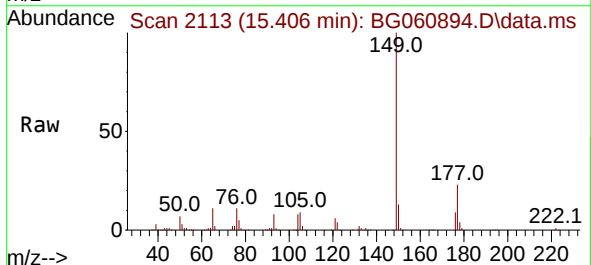
Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion:232 Resp: 160009
Ion Ratio Lower Upper
232 100
131 37.7 32.2 48.2
130 2.2 2.1 3.1
166 28.6 23.7 35.5



#60
Diethylphthalate
Concen: 38.822 ng
RT: 15.406 min Scan# 2113
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:149 Resp: 513019
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 13.1 10.2 15.4

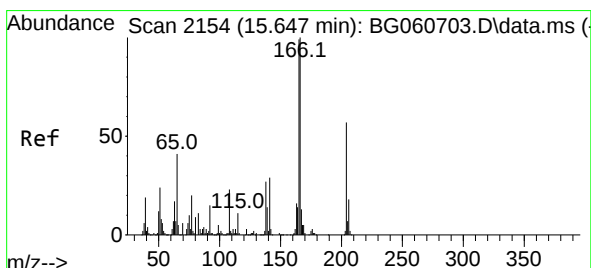
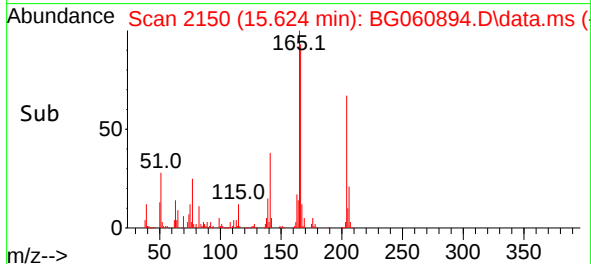
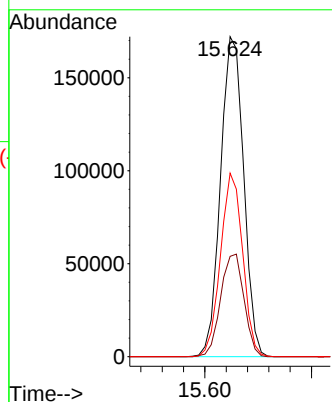
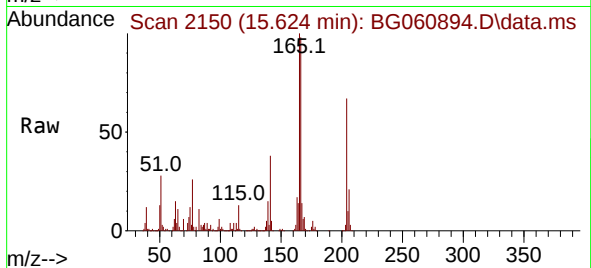




#61
4-Chlorophenyl-phenylether
Concen: 41.056 ng
RT: 15.624 min Scan# 2150
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

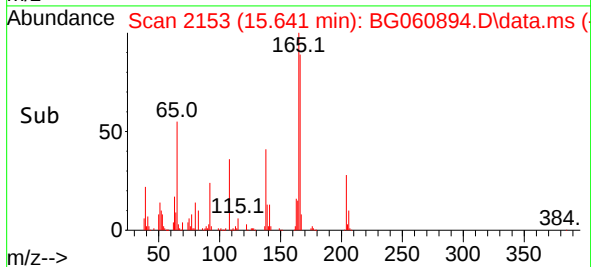
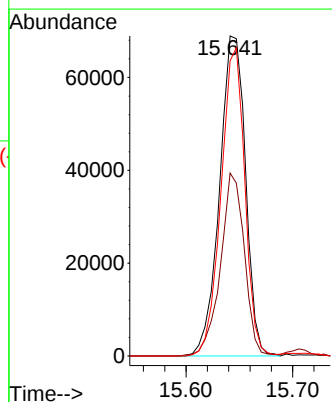
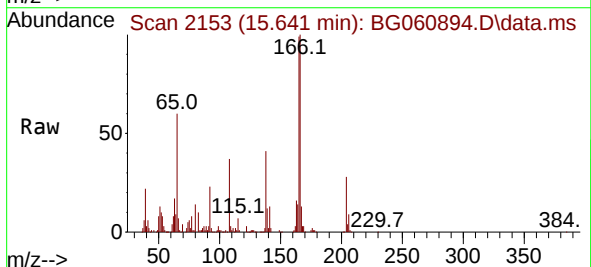
Instrument :
BNA_G
ClientSampleId :
PB160203BS

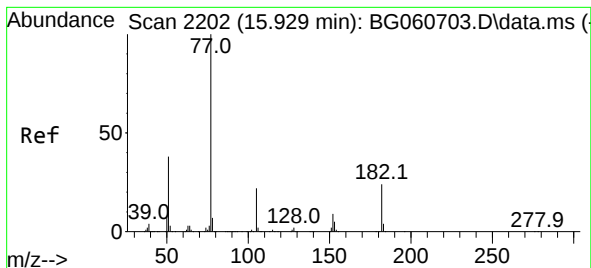
Tgt Ion:204 Resp: 258690
Ion Ratio Lower Upper
204 100
206 31.4 28.3 42.5
141 57.4 47.2 70.8



#62
4-Nitroaniline
Concen: 48.436 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:138 Resp: 116317
Ion Ratio Lower Upper
138 100
92 57.2 36.8 76.8
108 92.2 66.9 106.9





#63

Azobenzene

Concen: 37.014 ng

RT: 15.917 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion: 77 Resp: 476632

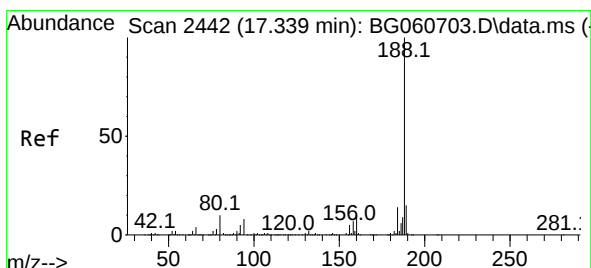
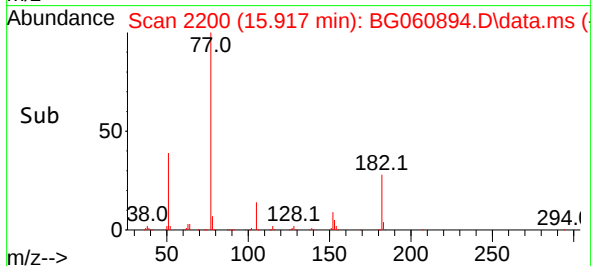
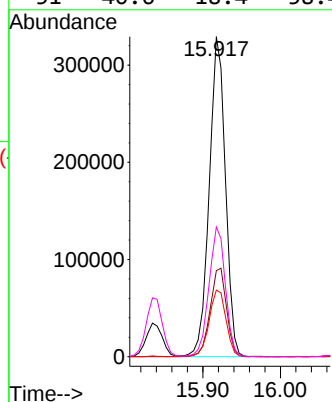
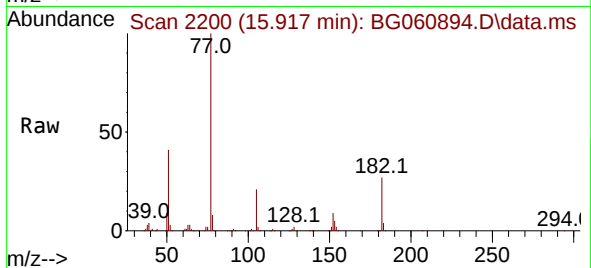
Ion Ratio Lower Upper

77 100

182 26.9 3.9 43.9

105 20.8 1.7 41.7

51 40.6 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: BG060894.D

Acq: 13 Apr 2024 15:08

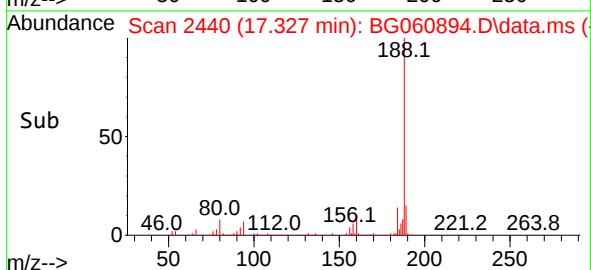
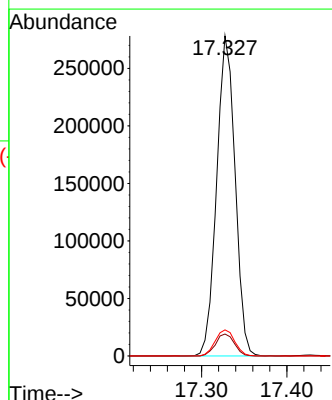
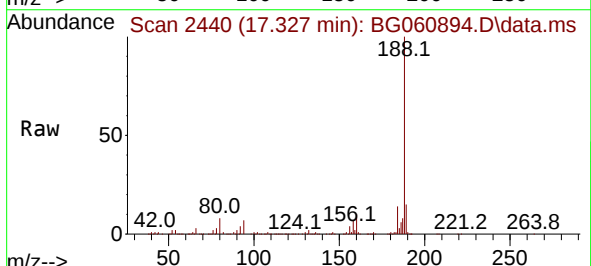
Tgt Ion:188 Resp: 417646

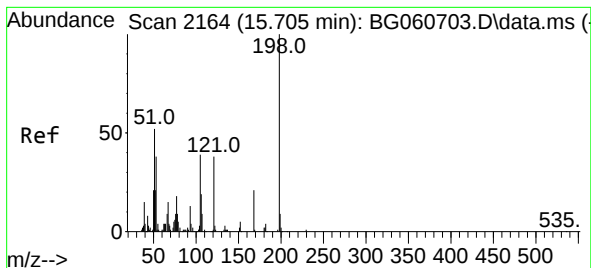
Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 8.2 7.6 11.4

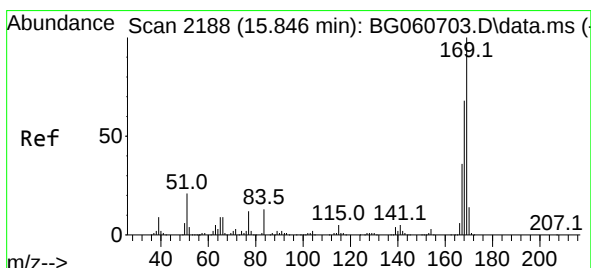
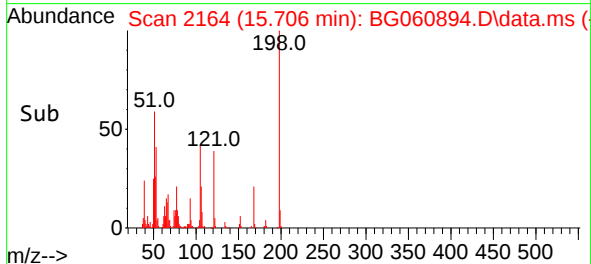
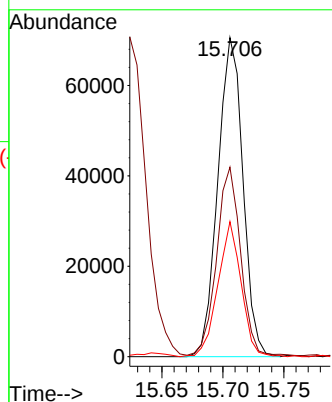
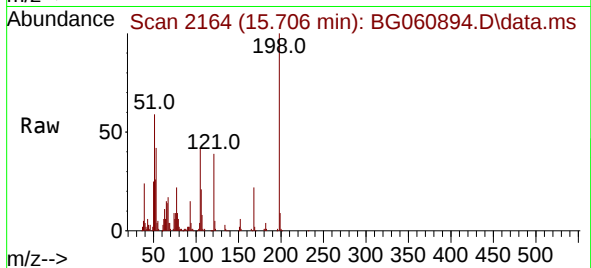




#65
4,6-Dinitro-2-methylphenol
Concen: 57.110 ng
RT: 15.706 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

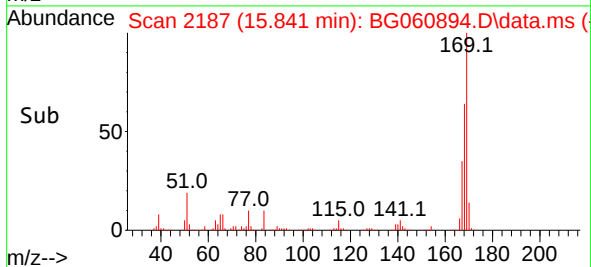
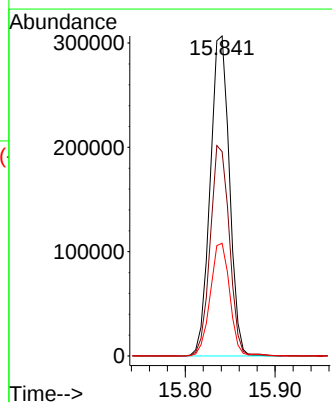
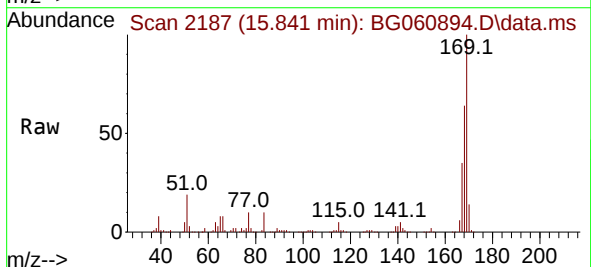
Instrument :
BNA_G
ClientSampleId :
PB160203BS

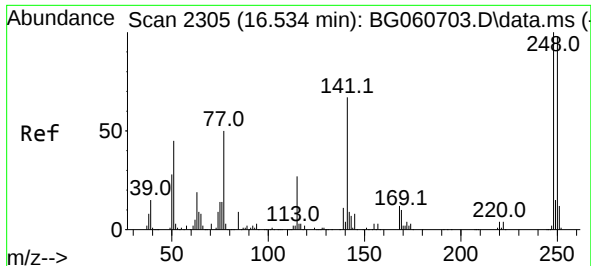
Tgt Ion:198 Resp: 101130
Ion Ratio Lower Upper
198 100
51 59.4 36.7 76.7
105 42.3 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 38.160 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:169 Resp: 455430
Ion Ratio Lower Upper
169 100
168 63.9 54.5 81.7
167 35.2 29.2 43.8

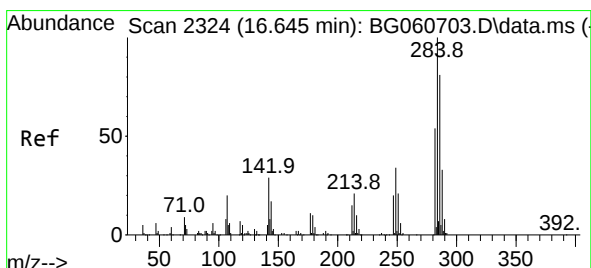
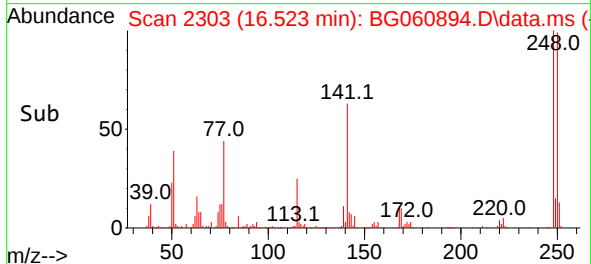
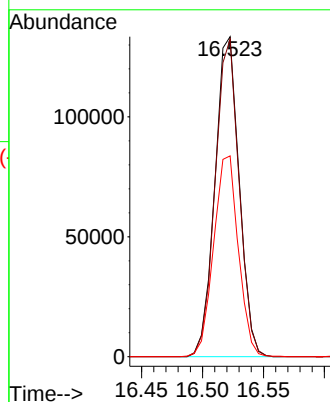
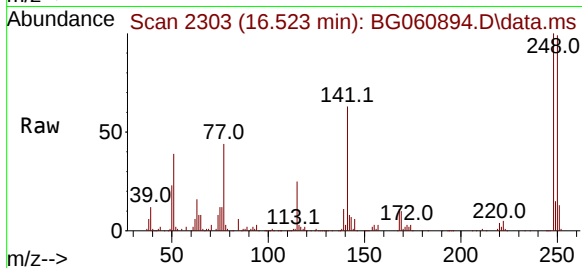




#67
4-Bromophenyl-phenylether
Concen: 43.687 ng
RT: 16.523 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

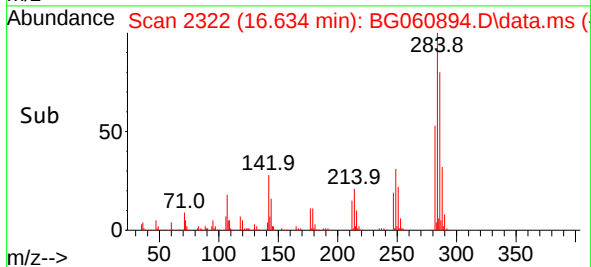
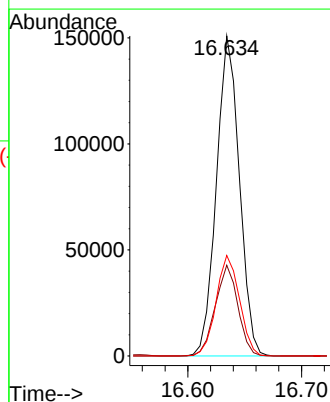
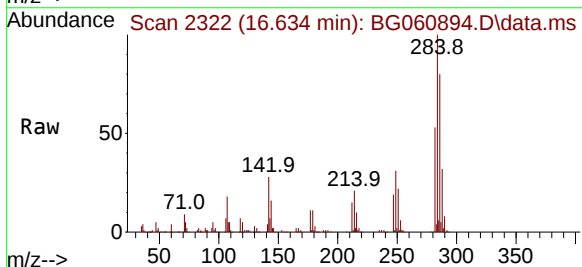
Instrument :
BNA_G
ClientSampleId :
PB160203BS

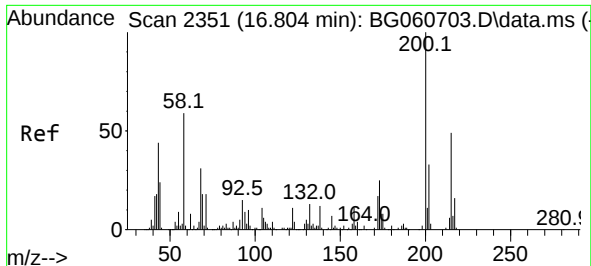
Tgt Ion:248 Resp: 185171
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 62.8 53.7 80.5



#68
Hexachlorobenzene
Concen: 44.201 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:284 Resp: 211491
Ion Ratio Lower Upper
284 100
142 28.4 22.9 34.3
249 31.4 27.1 40.7

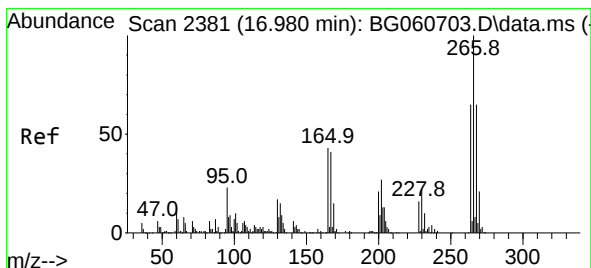
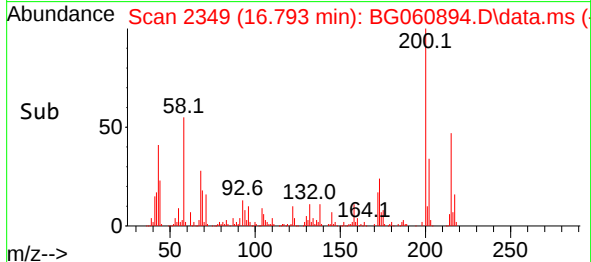
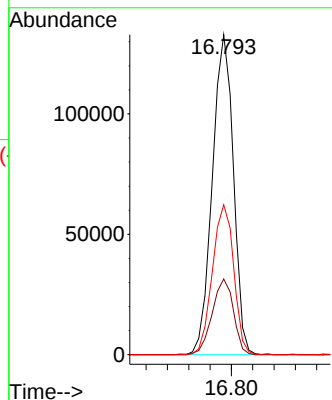
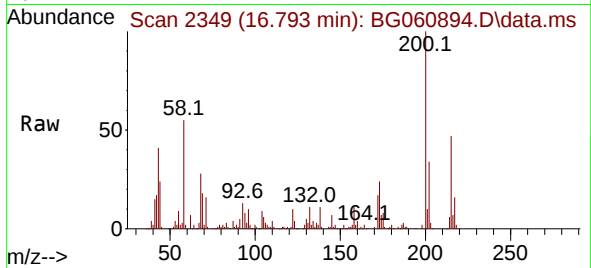




#69
 Atrazine
 Concen: 43.508 ng
 RT: 16.793 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

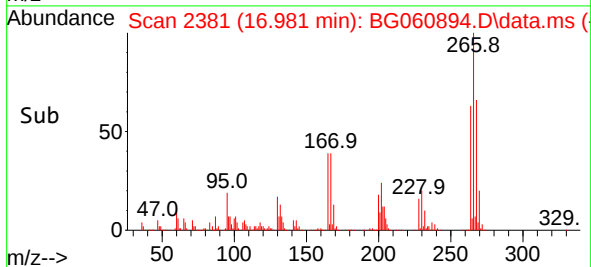
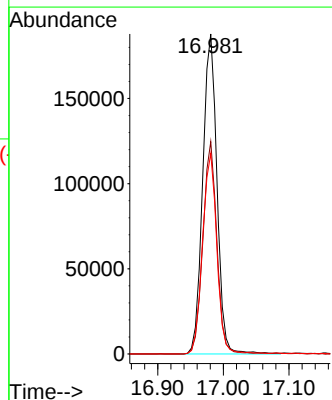
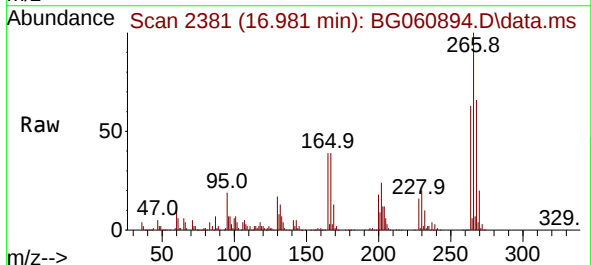
Instrument :
 BNA_G
 ClientSampleId :
 PB160203BS

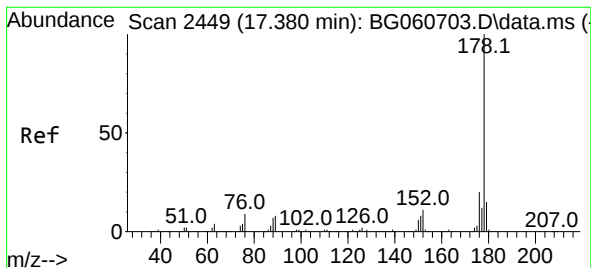
Tgt Ion:200 Resp: 181583
 Ion Ratio Lower Upper
 200 100
 173 23.6 5.2 45.2
 215 46.8 28.8 68.8



#70
 Pentachlorophenol
 Concen: 91.133 ng
 RT: 16.981 min Scan# 2381
 Delta R.T. 0.001 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:266 Resp: 284525
 Ion Ratio Lower Upper
 266 100
 268 66.3 52.2 78.4
 264 62.7 51.8 77.6





#71

Phenanthrene

Concen: 38.406 ng

RT: 17.374 min Scan# 2449

Delta R.T. -0.005 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

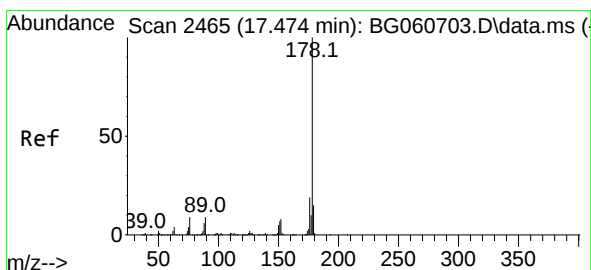
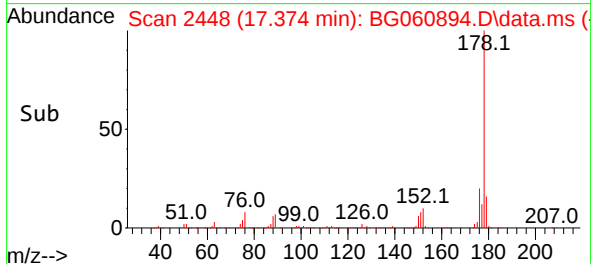
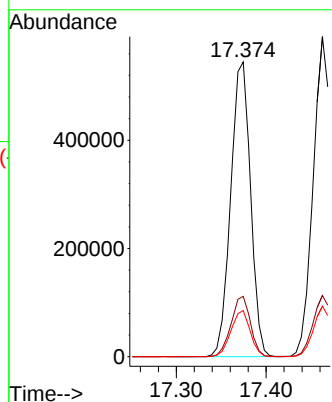
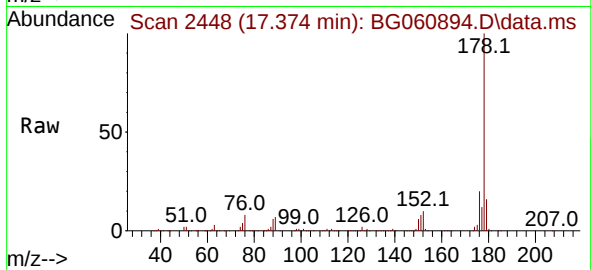
Tgt Ion:178 Resp: 834214

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

179 15.6 12.2 18.4



#72

Anthracene

Concen: 38.728 ng

RT: 17.463 min Scan# 2463

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

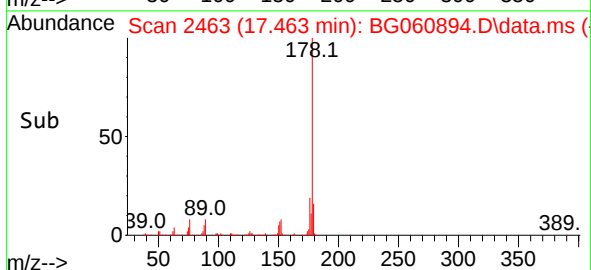
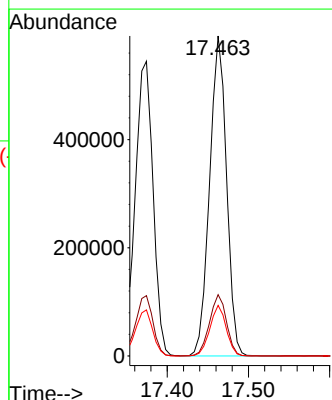
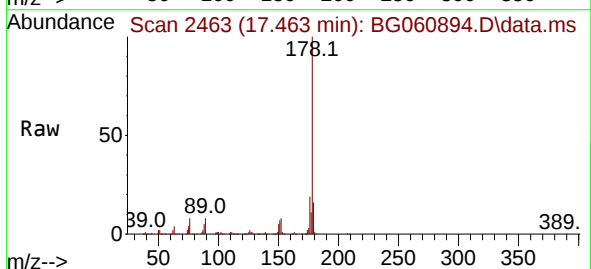
Tgt Ion:178 Resp: 854296

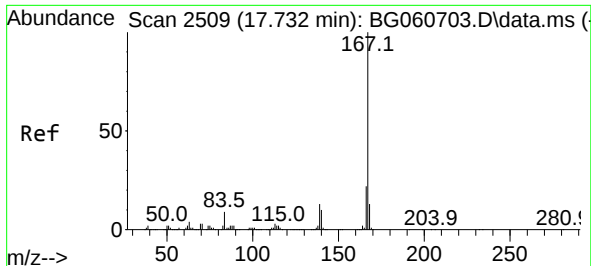
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.8 12.2 18.2

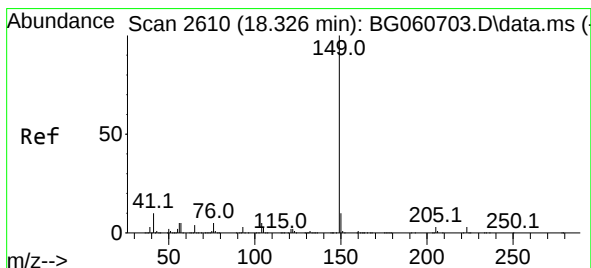
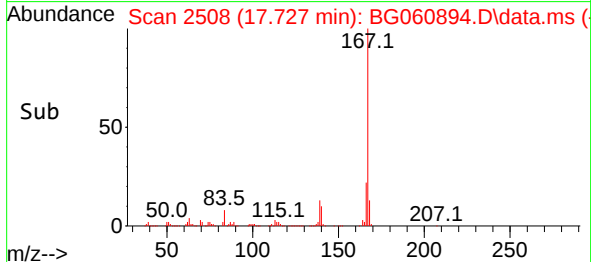
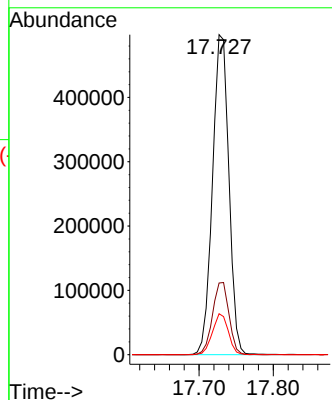
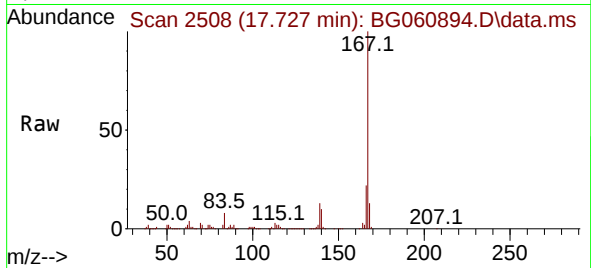




#73
 Carbazole
 Concen: 39.246 ng
 RT: 17.727 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

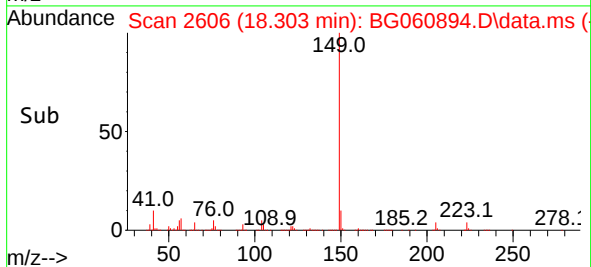
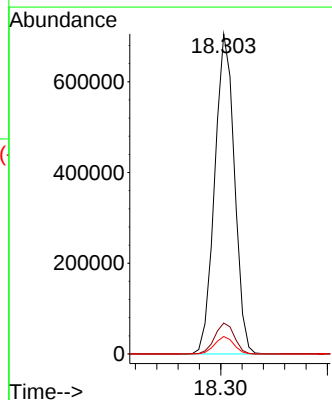
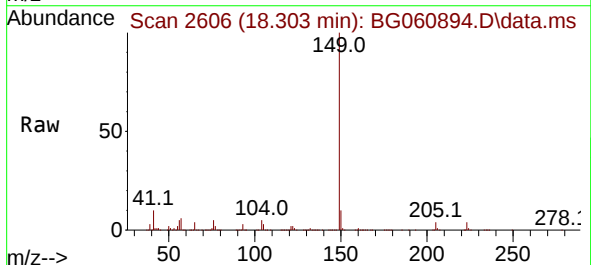
Instrument :
 BNA_G
 ClientSampleId :
 PB160203BS

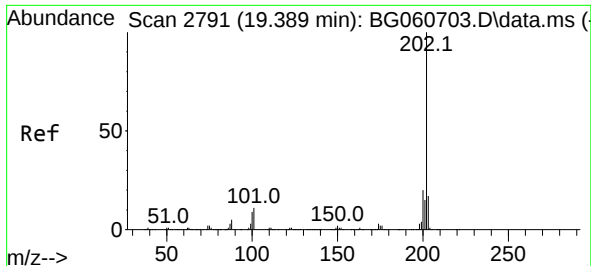
Tgt Ion:167 Resp: 763300
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 37.334 ng
 RT: 18.303 min Scan# 2606
 Delta R.T. -0.023 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:149 Resp: 905264
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.5 4.2 6.4

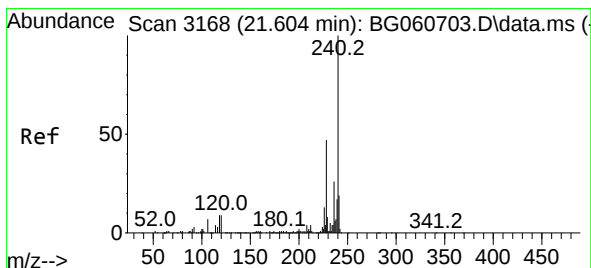
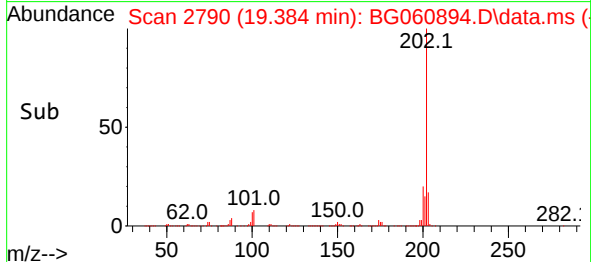
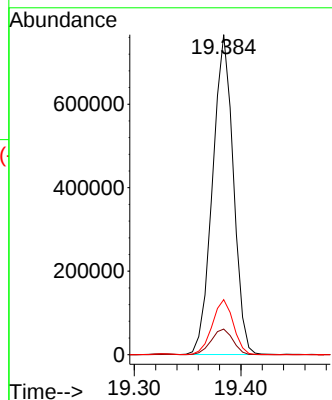
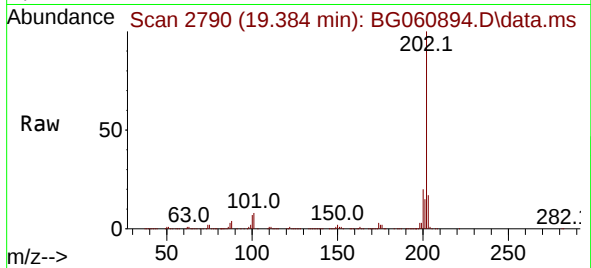




#75
Fluoranthene
Concen: 39.269 ng
RT: 19.384 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

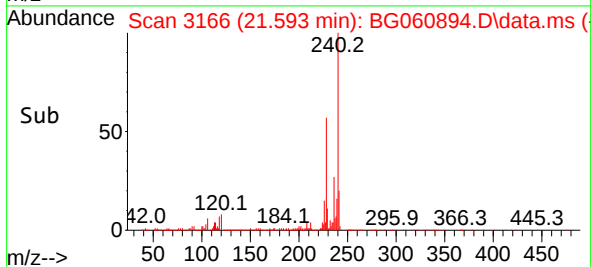
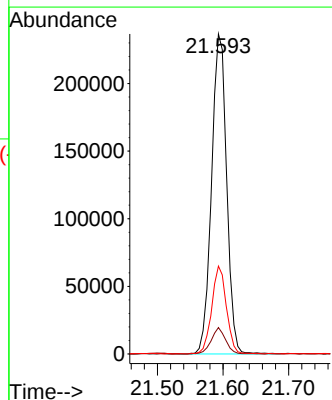
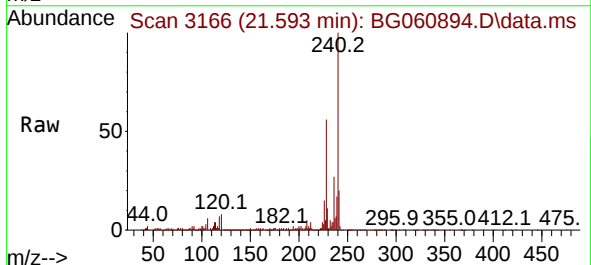
Instrument :
BNA_G
ClientSampleId :
PB160203BS

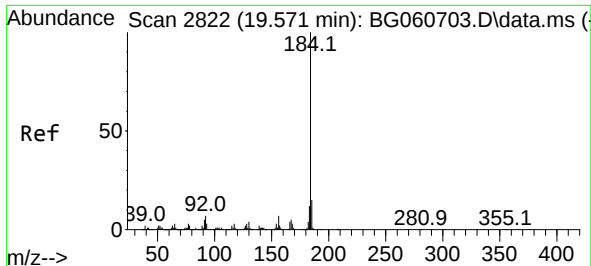
Tgt Ion:202 Resp: 1035025
Ion Ratio Lower Upper
202 100
101 8.0 0.0 30.8
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:240 Resp: 377808
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 27.5 20.7 31.1

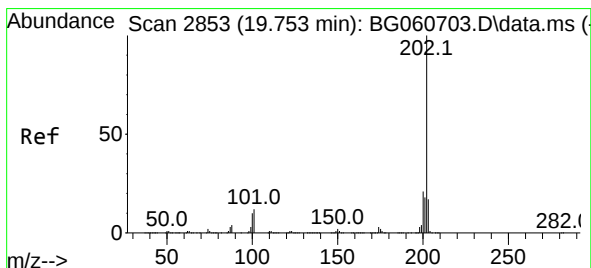
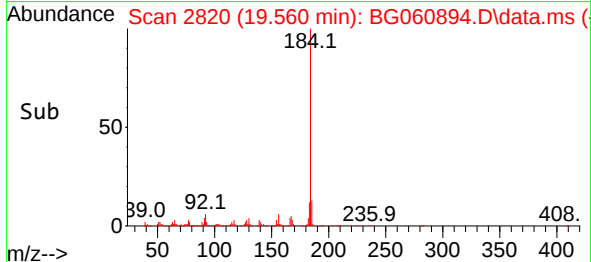
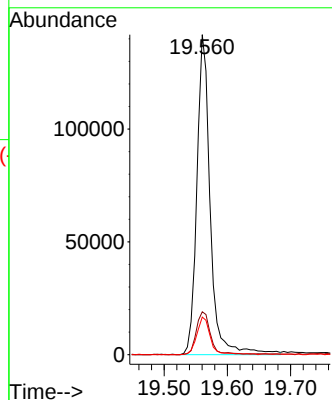
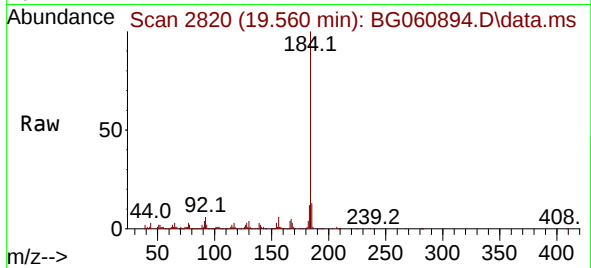




#77
Benzidine
Concen: 20.944 ng
RT: 19.560 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

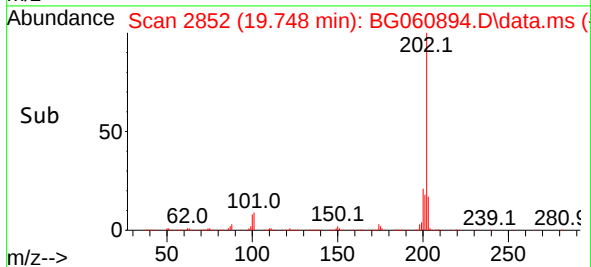
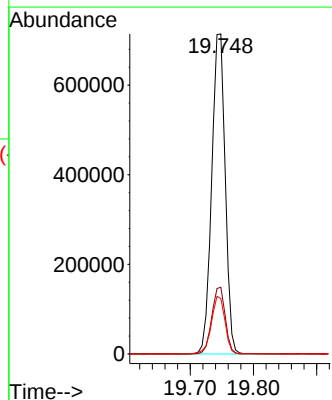
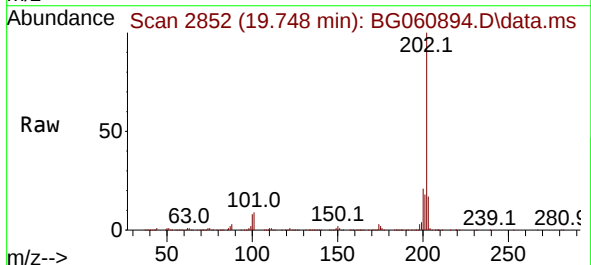
Instrument :
BNA_G
ClientSampleId :
PB160203BS

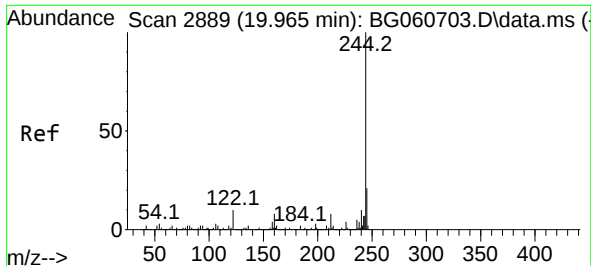
Tgt Ion:184 Resp: 208357
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.6
183 11.7 9.5 14.3



#78
Pyrene
Concen: 40.037 ng
RT: 19.748 min Scan# 2852
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:202 Resp: 1057894
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.3 14.0 21.0

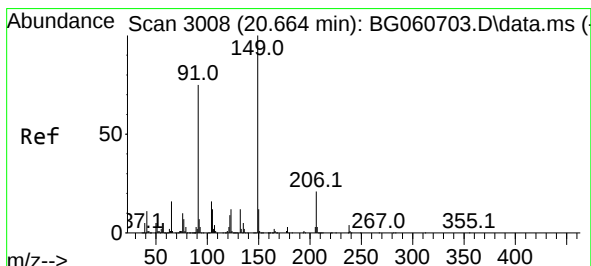
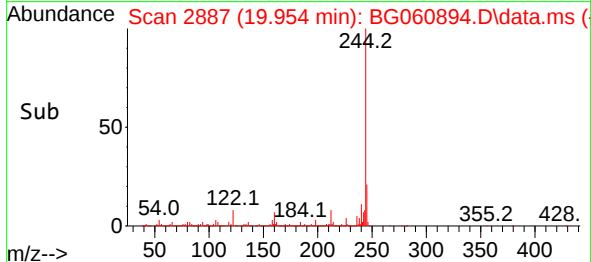
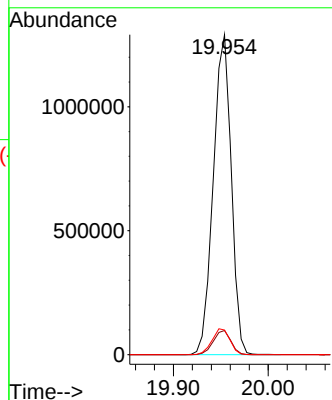
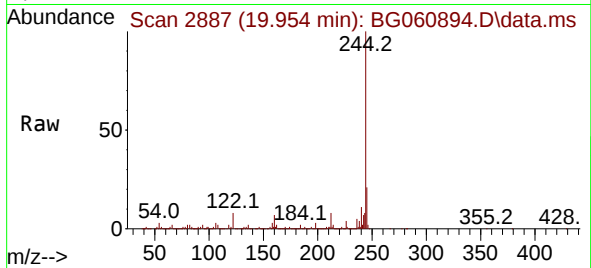




#79
 Terphenyl-d14
 Concen: 78.967 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

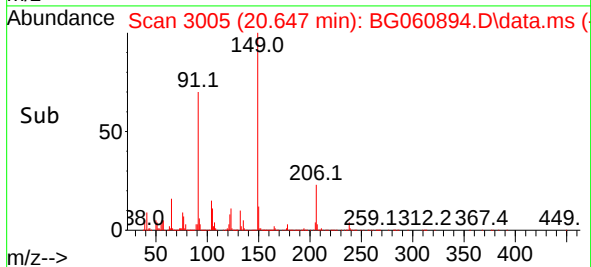
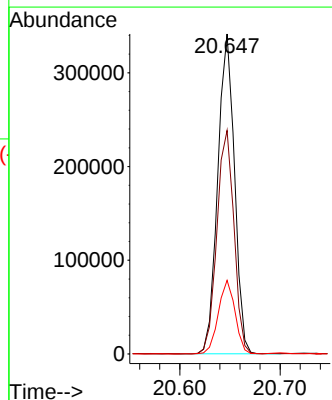
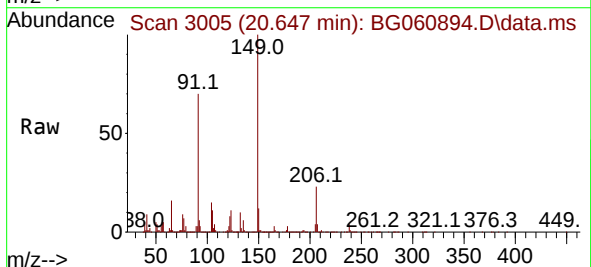
Instrument :
 BNA_G
 ClientSampleId :
 PB160203BS

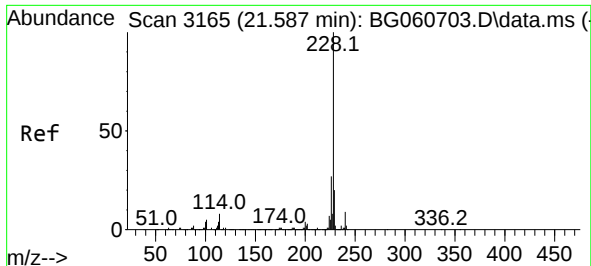
Tgt Ion:244 Resp: 1694328
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 7.7 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 40.999 ng
 RT: 20.647 min Scan# 3005
 Delta R.T. -0.017 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:149 Resp: 395181
 Ion Ratio Lower Upper
 149 100
 91 69.9 60.1 90.1
 206 23.0 16.8 25.2

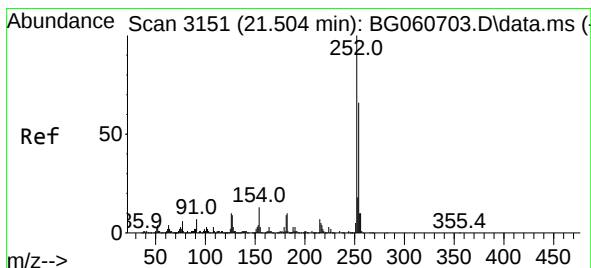
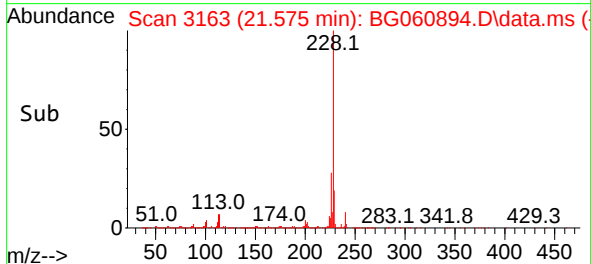
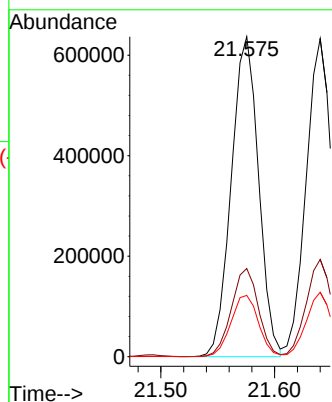
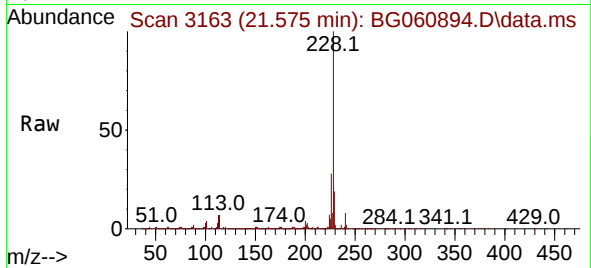




#81
Benzo(a)anthracene
Concen: 39.877 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

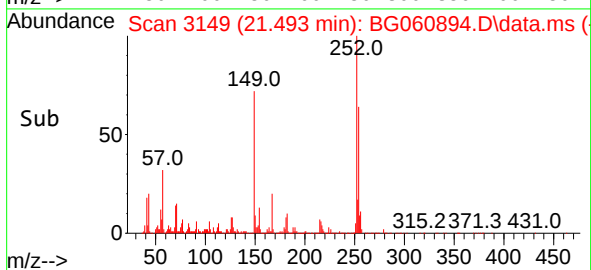
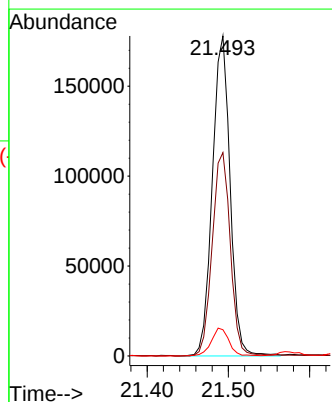
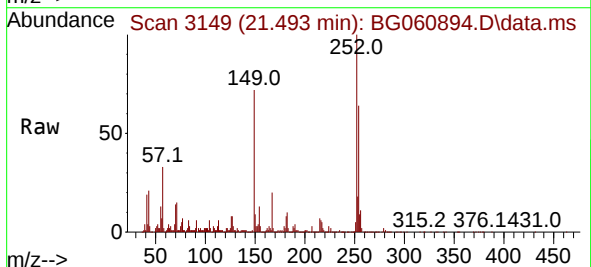
Instrument :
BNA_G
ClientSampleId :
PB160203BS

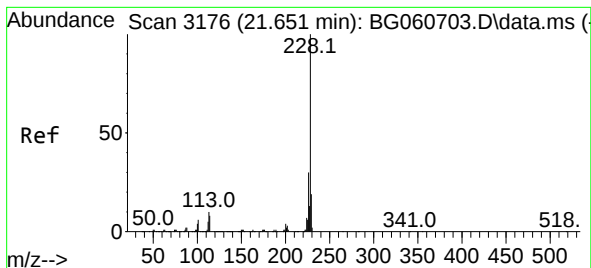
Tgt Ion:228 Resp: 1061973
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 30.007 ng
RT: 21.493 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:252 Resp: 269826
Ion Ratio Lower Upper
252 100
254 63.6 52.6 78.8
126 8.2 7.8 11.8





#83

Chrysene

Concen: 39.198 ng

RT: 21.640 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG060894.D

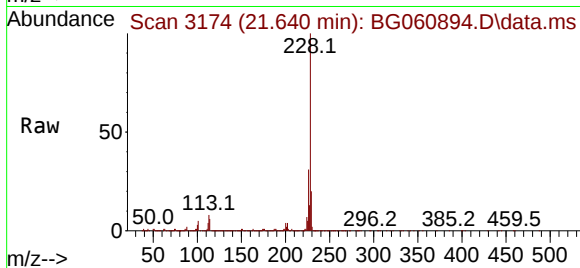
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

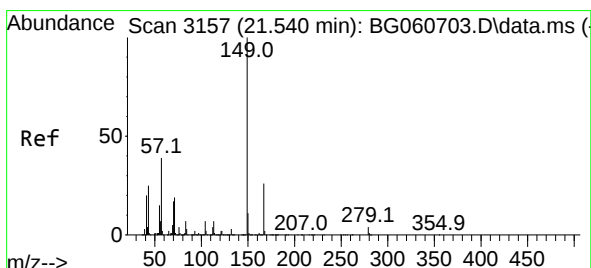
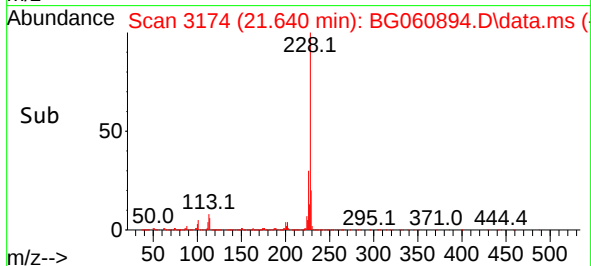
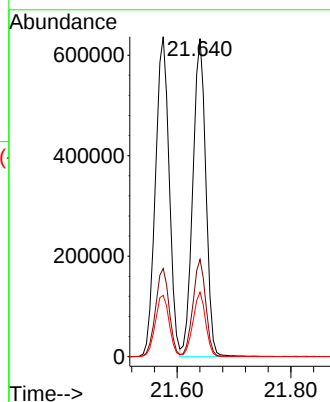
ClientSampleId :

PB160203BS



Tgt Ion:228 Resp: 1006175

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	20.3	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.574 ng

RT: 21.505 min Scan# 3151

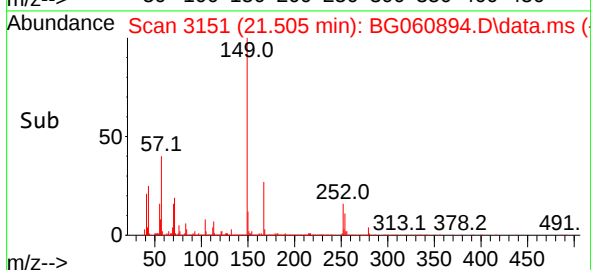
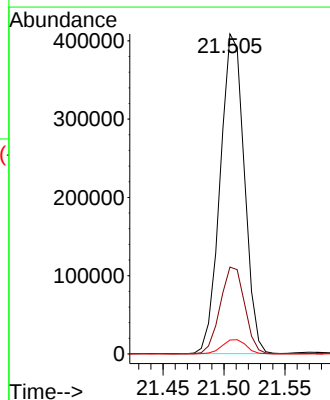
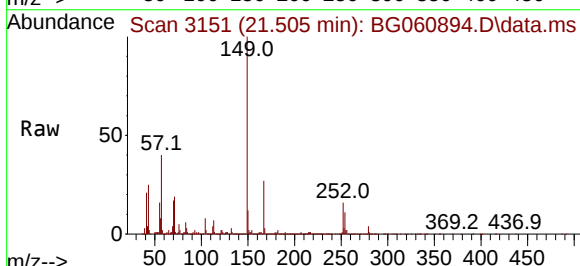
Delta R.T. -0.035 min

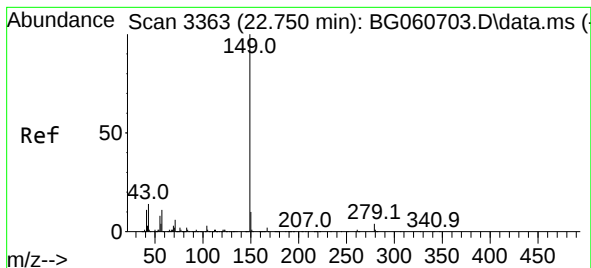
Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Tgt Ion:149 Resp: 561885

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.6	30.8
279	4.3	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 39.161 ng

RT: 22.704 min Scan# 31

Delta R.T. -0.046 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

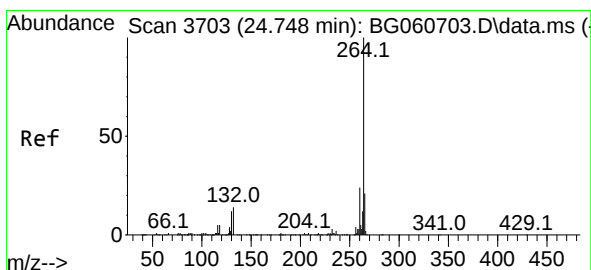
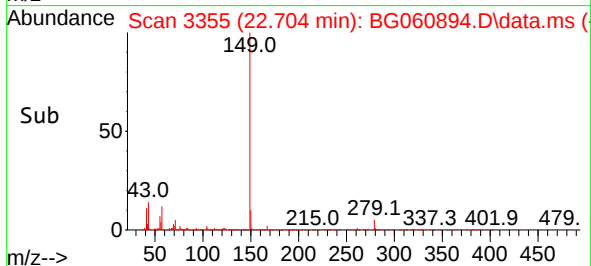
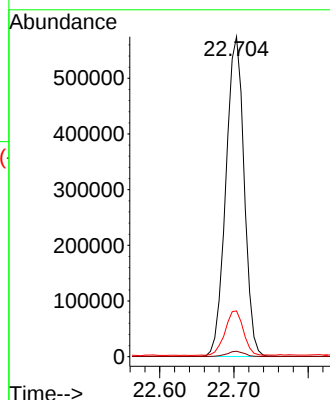
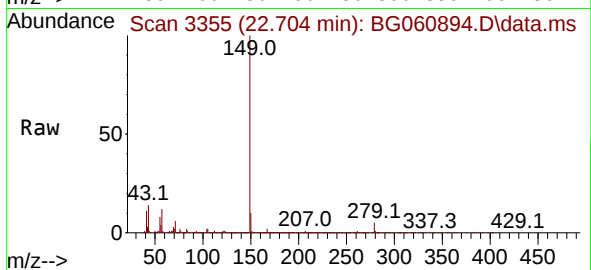
Tgt Ion:149 Resp: 980106

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.1 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.731 min Scan# 3700

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

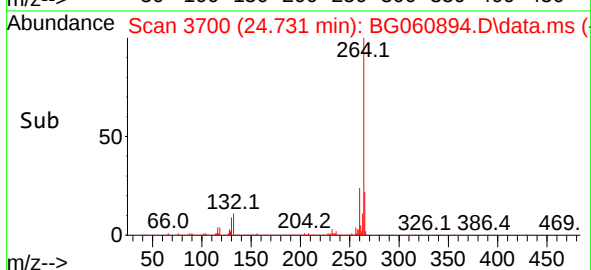
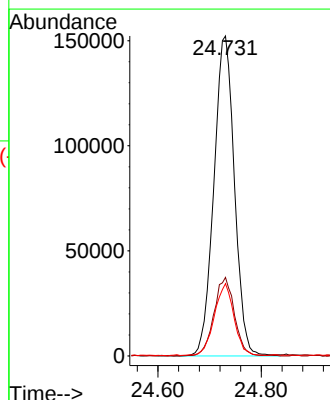
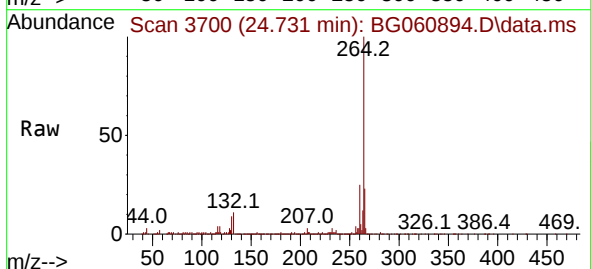
Tgt Ion:264 Resp: 420349

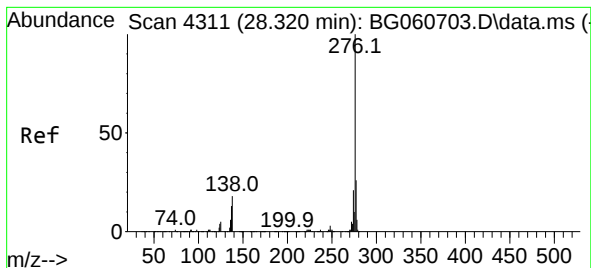
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.181 ng

RT: 28.297 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

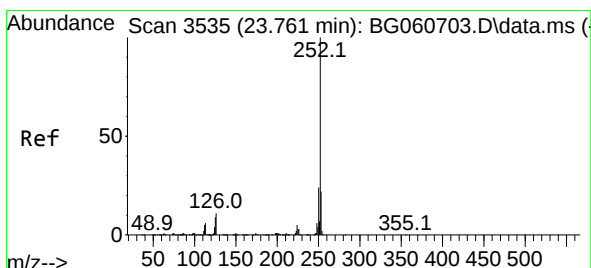
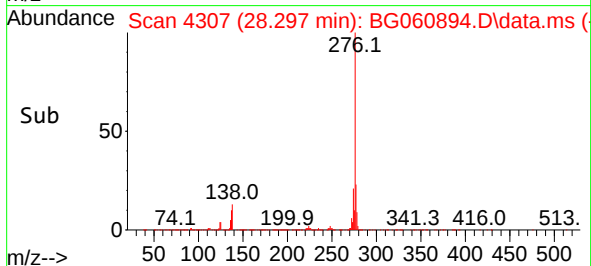
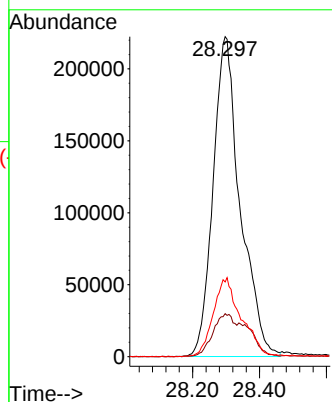
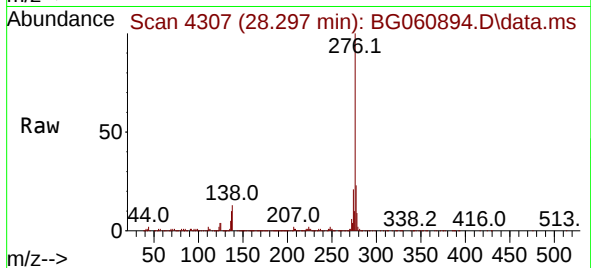
Tgt Ion:276 Resp: 1248601

Ion Ratio Lower Upper

276 100

138 10.9 12.4 18.6#

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.515 ng

RT: 23.744 min Scan# 3532

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

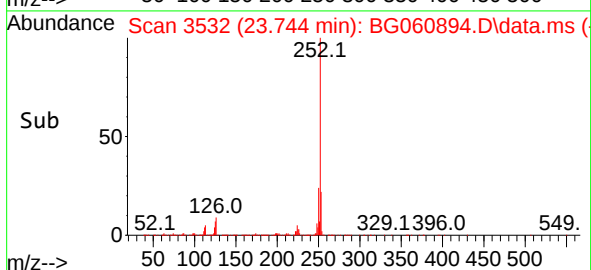
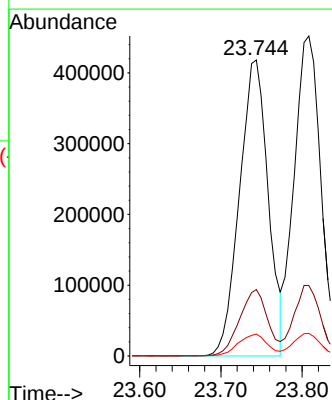
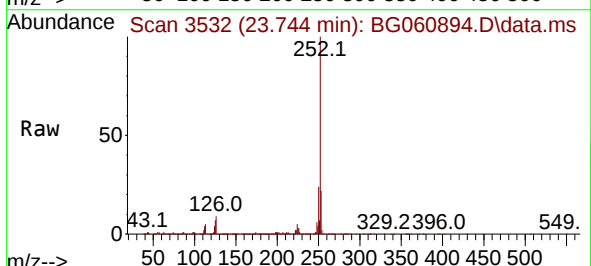
Tgt Ion:252 Resp: 1026692

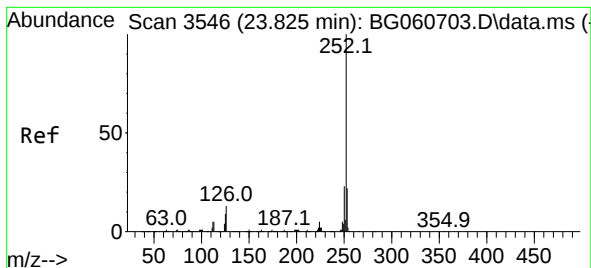
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 7.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.862 ng

RT: 23.808 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

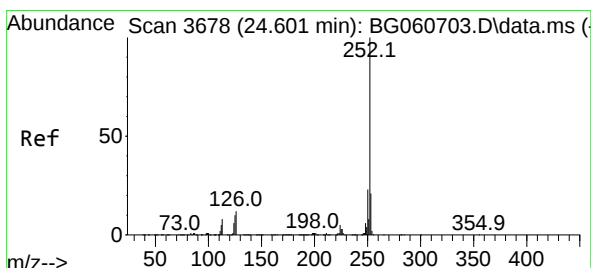
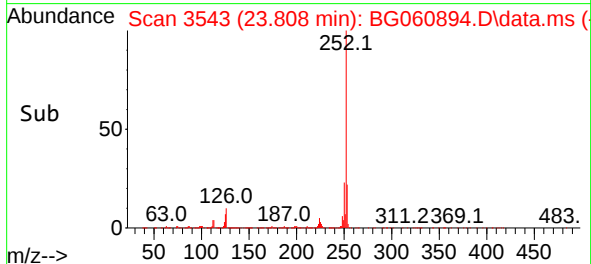
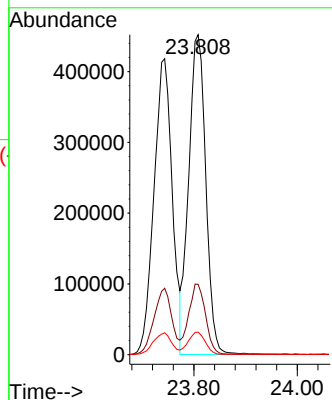
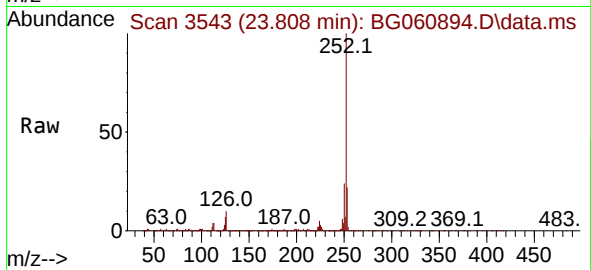
Tgt Ion:252 Resp: 1034728

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.1 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 40.634 ng

RT: 24.584 min Scan# 3675

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

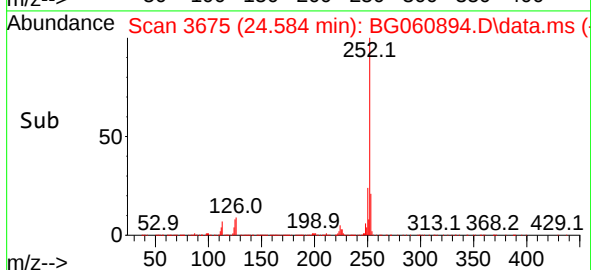
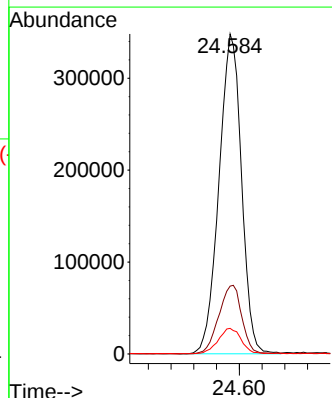
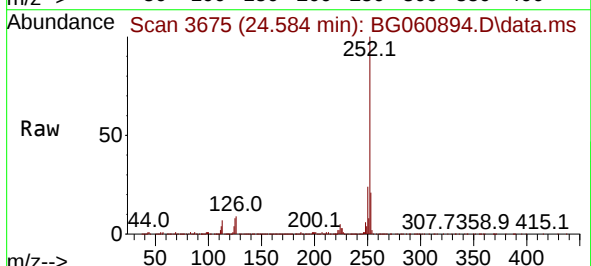
Tgt Ion:252 Resp: 953611

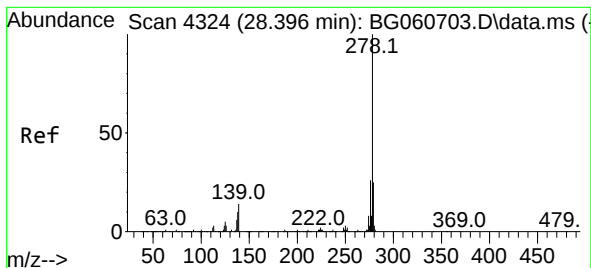
Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

125 8.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 41.166 ng

RT: 28.367 min Scan# 41

Delta R.T. -0.029 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

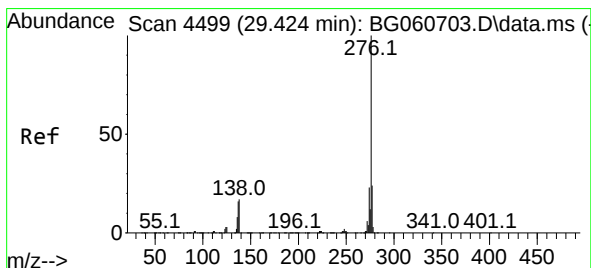
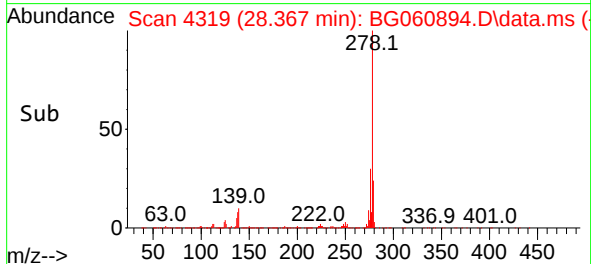
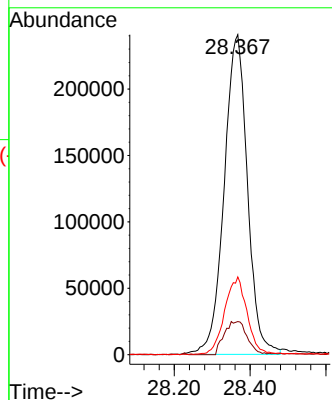
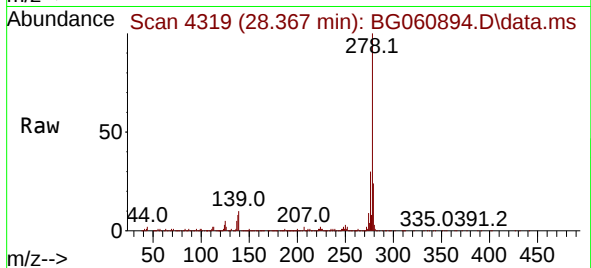
Tgt Ion:278 Resp: 1027224

Ion Ratio Lower Upper

278 100

139 10.4 11.1 16.7#

279 24.3 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 39.566 ng

RT: 29.407 min Scan# 4496

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Tgt Ion:276 Resp: 960403

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 15.2 14.0 21.0

