

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060257.D
 Acq On : 4 Jan 2024 23:44
 Operator : MA/JU
 Sample : PB158206BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158206BS

Quant Time: Jan 05 01:47:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	183915	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	810994	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	635965	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1633768	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1490484	20.000	ng	0.00
86) Perylene-d12	24.765	264	1659303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1721355	141.267	ng	0.00
7) Phenol-d6	7.103	99	2554979	141.221	ng	0.00
23) Nitrobenzene-d5	9.101	82	1481324	84.368	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1214604	142.675	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3645209	82.378	ng	0.00
79) Terphenyl-d14	19.941	244	5298237	68.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	190025	35.052	ng	93
3) Pyridine	3.801	79	497796	32.377	ng	96
4) n-Nitrosodimethylamine	3.719	42	212744	37.092	ng	85
6) Aniline	7.262	93	507762	28.012	ng	97
8) 2-Chlorophenol	7.503	128	579781	49.508	ng	94
9) Benzaldehyde	7.074	77	122711	11.281	ng	99
10) Phenol	7.127	94	926925	50.806	ng	98
11) bis(2-Chloroethyl)ether	7.356	93	604514	40.946	ng	95
12) 1,3-Dichlorobenzene	7.826	146	582442	40.290	ng	97
13) 1,4-Dichlorobenzene	7.973	146	596351	40.804	ng	97
14) 1,2-Dichlorobenzene	8.290	146	577634	40.429	ng	99
15) Benzyl Alcohol	8.173	79	583086	51.923	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.461	45	753228	39.754	ng	97
17) 2-Methylphenol	8.378	107	588909	51.550	ng	99
18) Hexachloroethane	9.019	117	198454	43.115	ng	97
19) n-Nitroso-di-n-propyla...	8.737	70	531938	43.038	ng	98
20) 3+4-Methylphenols	8.707	107	815981	50.397	ng	99
22) Acetophenone	8.760	105	978219	40.711	ng	# 98
24) Nitrobenzene	9.142	77	764354	42.549	ng	99
25) Isophorone	9.659	82	1484474	40.411	ng	99
26) 2-Nitrophenol	9.853	139	309106	49.310	ng	93
27) 2,4-Dimethylphenol	9.912	122	517206	58.247	ng	97
28) bis(2-Chloroethoxy)met...	10.147	93	904956	42.061	ng	98
29) 2,4-Dichlorophenol	10.388	162	716598	51.064	ng	97
30) 1,2,4-Trichlorobenzene	10.605	180	677643	39.673	ng	99
31) Naphthalene	10.793	128	1774082	41.436	ng	98
32) Benzoic acid	10.053	122	337475	43.699	ng	92
33) 4-Chloroaniline	10.899	127	231207	13.827	ng	# 95
34) Hexachlorobutadiene	11.075	225	392756	38.662	ng	95
35) Caprolactam	11.669	113	142622	30.552	ng	# 86
36) 4-Chloro-3-methylphenol	12.027	107	728615	50.450	ng	99
37) 2-Methylnaphthalene	12.397	142	1321211	42.722	ng	98
38) 1-Methylnaphthalene	12.620	142	1321888	42.277	ng	97
40) 1,2,4,5-Tetrachloroben...	12.767	216	871524	42.782	ng	99
41) Hexachlorocyclopentadiene	12.744	237	857814	130.277	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	630073	47.067	ng	96

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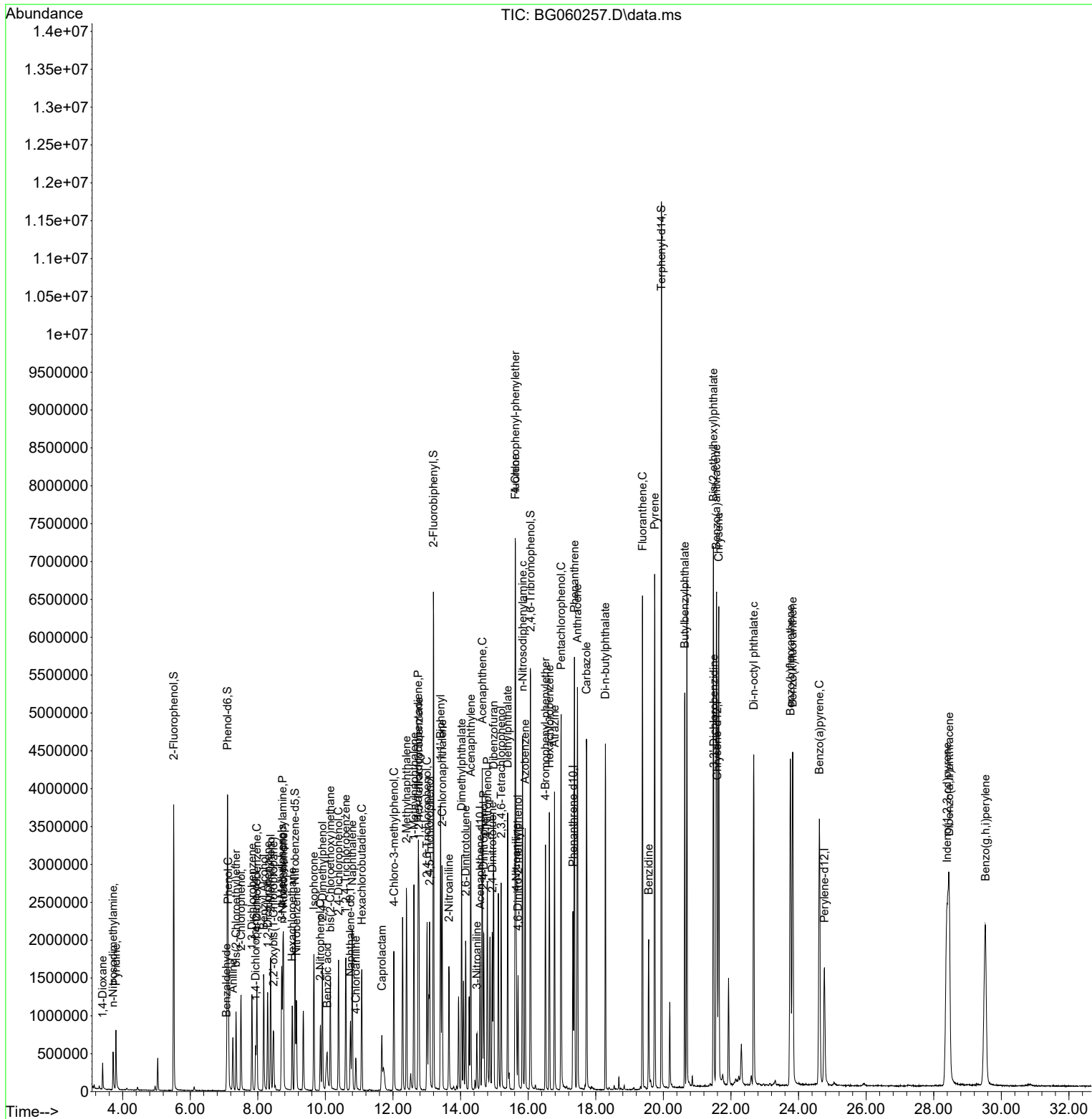
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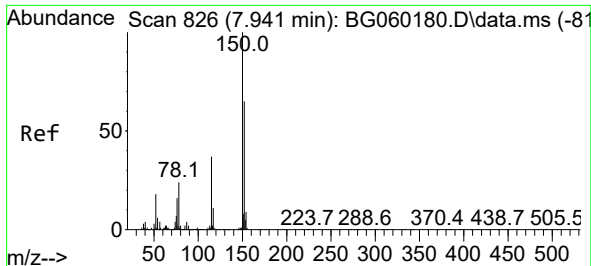
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	708030	47.279	ng	97
46) 1,1'-Biphenyl	13.408	154	2059866	44.023	ng	99
47) 2-Chloronaphthalene	13.455	162	1694572	42.509	ng	99
48) 2-Nitroaniline	13.655	65	533574	51.217	ng	98
49) Acenaphthylene	14.301	152	2740884	47.719	ng	98
50) Dimethylphthalate	14.031	163	2202164	44.849	ng	99
51) 2,6-Dinitrotoluene	14.148	165	489414	47.921	ng	96
52) Acenaphthene	14.642	154	1565234	43.670	ng	97
53) 3-Nitroaniline	14.483	138	211589	21.987	ng #	95
54) 2,4-Dinitrophenol	14.689	184	567018	93.760	ng	94
55) Dibenzofuran	14.976	168	2685345	44.727	ng	99
56) 4-Nitrophenol	14.794	139	816990	112.315	ng	92
57) 2,4-Dinitrotoluene	14.941	165	703581	50.664	ng	96
58) Fluorene	15.623	166	2226919	45.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	652879	50.018	ng	99
60) Diethylphthalate	15.394	149	2132910	45.551	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	1125497	43.896	ng	98
62) 4-Nitroaniline	15.646	138	478179	47.145	ng	96
63) Azobenzene	15.911	77	2189656	45.105	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	400564	48.999	ng	99
66) n-Nitrosodiphenylamine	15.834	169	1972793	44.811	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	733468	42.345	ng	99
68) Hexachlorobenzene	16.627	284	853823	42.042	ng	98
69) Atrazine	16.780	200	788668	48.741	ng	98
70) Pentachlorophenol	16.974	266	1055611	94.617	ng	98
71) Phenanthrene	17.368	178	3558101	44.060	ng	98
72) Anthracene	17.456	178	3653999	45.553	ng	97
73) Carbazole	17.726	167	3340048	43.901	ng	98
74) Di-n-butylphthalate	18.284	149	3438235	46.634	ng	98
75) Fluoranthene	19.383	202	4033756	42.584	ng	97
77) Benzidine	19.565	184	1411996	34.229	ng	99
78) Pyrene	19.741	202	4192443	41.844	ng	96
80) Butylbenzylphthalate	20.635	149	1612927	54.596	ng	98
81) Benzo(a)anthracene	21.569	228	4156954	43.866	ng	97
82) 3,3'-Dichlorobenzidine	21.492	252	930834	27.011	ng	99
83) Chrysene	21.639	228	4002297	43.472	ng	96
84) Bis(2-ethylhexyl)phtha...	21.481	149	2383040	53.191	ng	99
85) Di-n-octyl phthalate	22.673	149	3994622	54.470	ng	98
87) Indeno(1,2,3-cd)pyrene	28.390	276	5387832	46.056	ng	100
88) Benzo(b)fluoranthene	23.760	252	4391573	44.041	ng	99
89) Benzo(k)fluoranthene	23.825	252	4366711	43.510	ng	99
90) Benzo(a)pyrene	24.618	252	4002127	44.363	ng	98
91) Dibenzo(a,h)anthracene	28.455	278	4445598	46.250	ng	99
92) Benzo(g,h,i)perylene	29.530	276	4288734	44.050	ng	98

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

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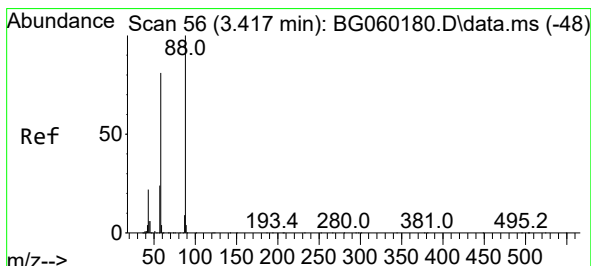
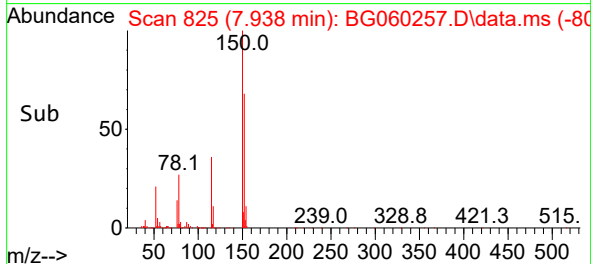
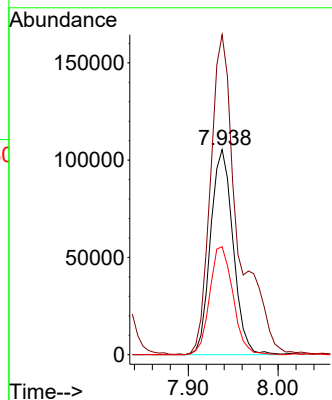
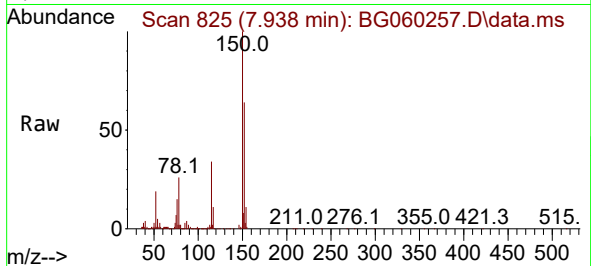




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.938 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG060257.D
 Acq: 4 Jan 2024 23:44

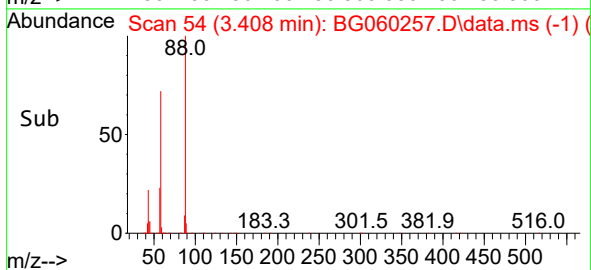
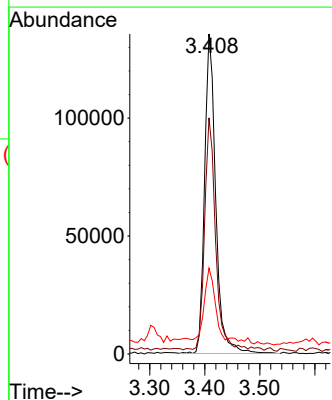
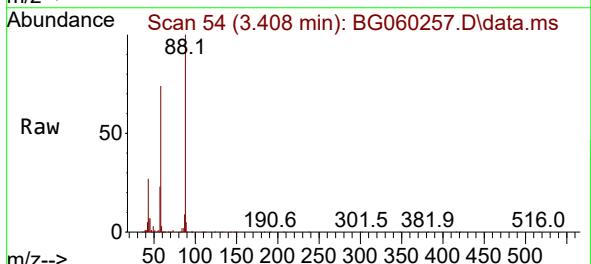
Instrument :
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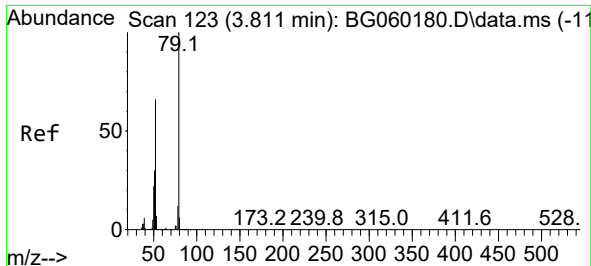
Tgt Ion:152 Resp: 183915
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.4 185.0
 115 52.6 45.4 68.0



#2
 1,4-Dioxane
 Concen: 35.052 ng
 RT: 3.408 min Scan# 54
 Delta R.T. -0.009 min
 Lab File: BG060257.D
 Acq: 4 Jan 2024 23:44

Tgt Ion: 88 Resp: 190025
 Ion Ratio Lower Upper
 88 100
 58 69.6 60.5 90.7
 43 20.7 18.9 28.3

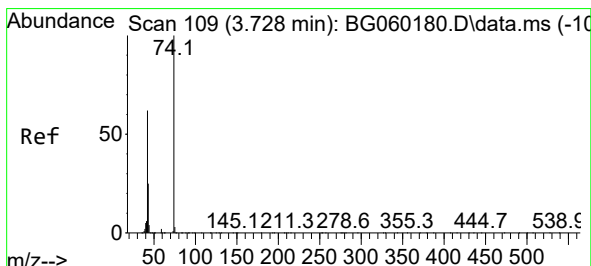
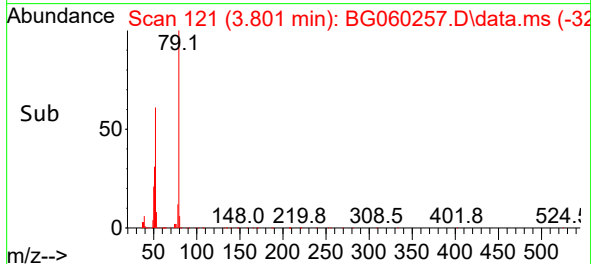
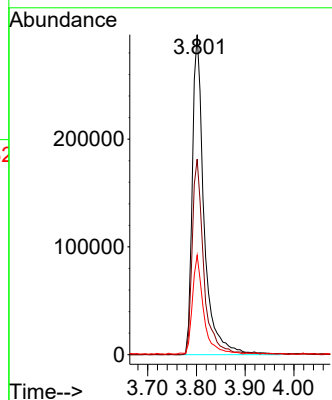
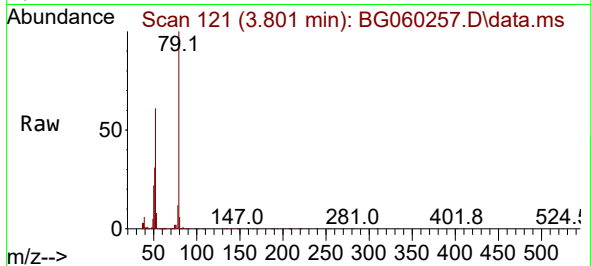




#3
Pyridine
Concen: 32.377 ng
RT: 3.801 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

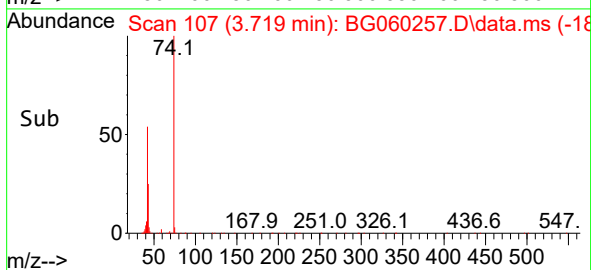
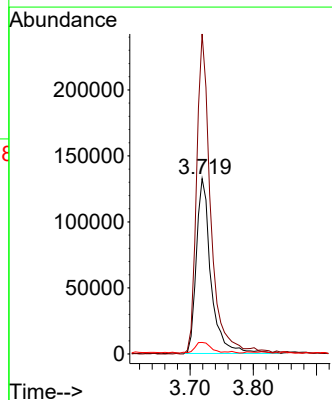
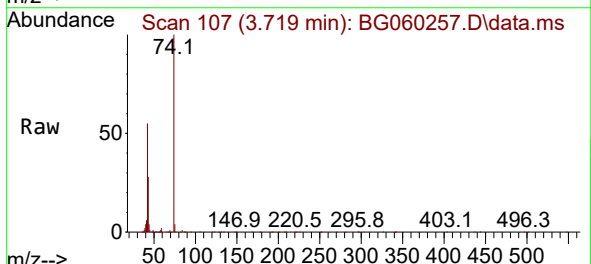
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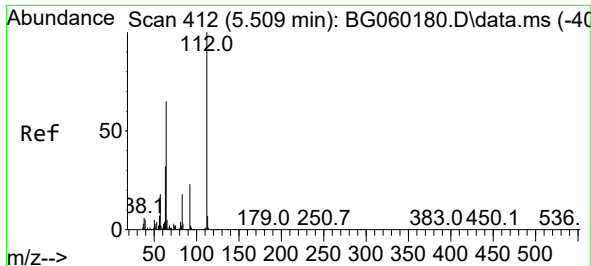
Tgt Ion: 79 Resp: 497796
Ion Ratio Lower Upper
79 100
52 61.1 52.9 79.3
51 31.0 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 37.092 ng
RT: 3.719 min Scan# 107
Delta R.T. -0.009 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion: 42 Resp: 212744
Ion Ratio Lower Upper
42 100
74 182.5 129.5 194.3
44 6.6 5.9 8.9

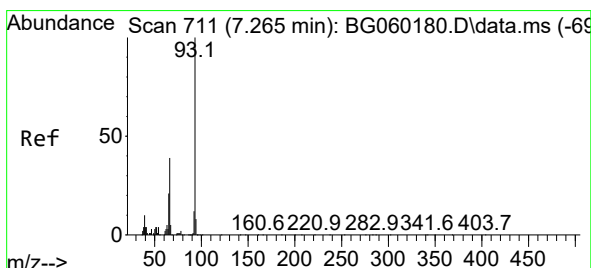
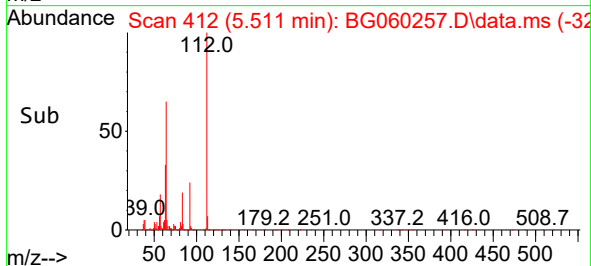
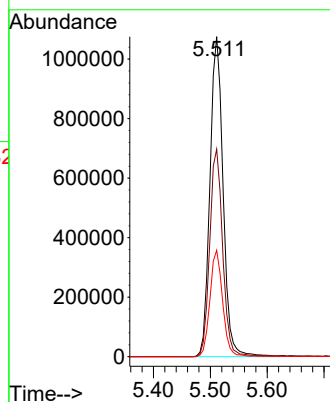
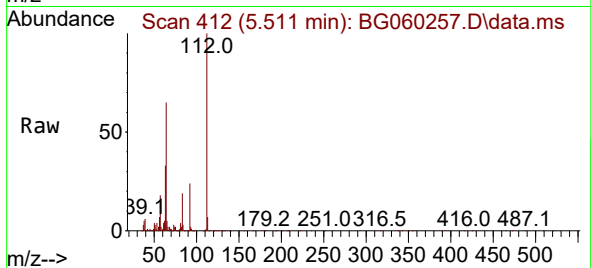




#5
2-Fluorophenol
Concen: 141.267 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

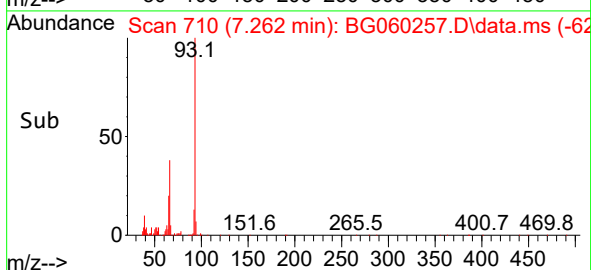
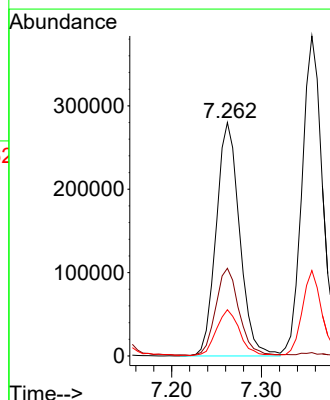
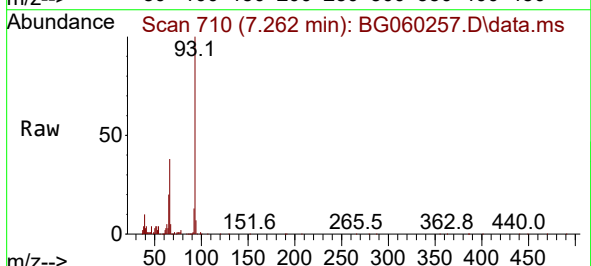
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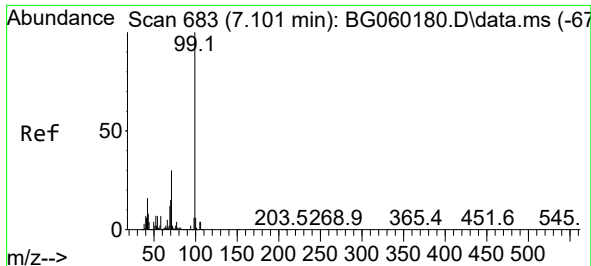
Tgt Ion:112 Resp: 1721355
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.4
63 33.3 25.4 38.0



#6
Aniline
Concen: 28.012 ng
RT: 7.262 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion: 93 Resp: 507762
Ion Ratio Lower Upper
93 100
66 37.6 31.7 47.5
65 19.8 16.7 25.1

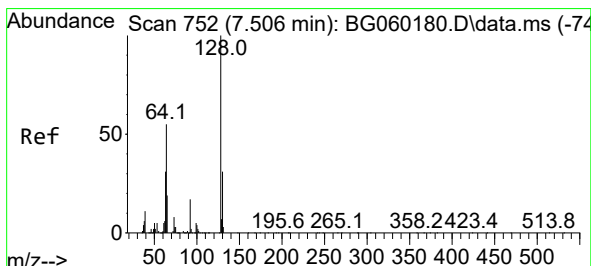
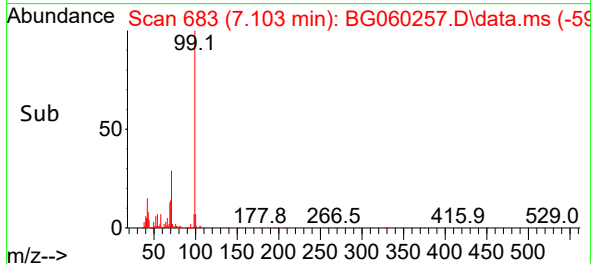
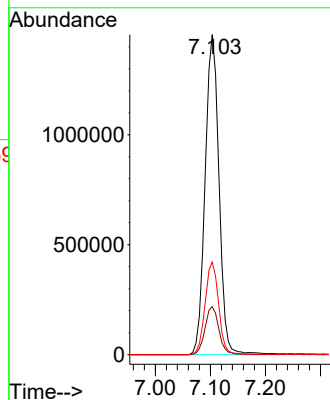
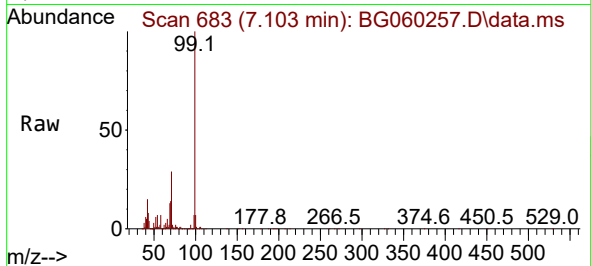




#7
Phenol-d6
Concen: 141.221 ng
RT: 7.103 min Scan# 683
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

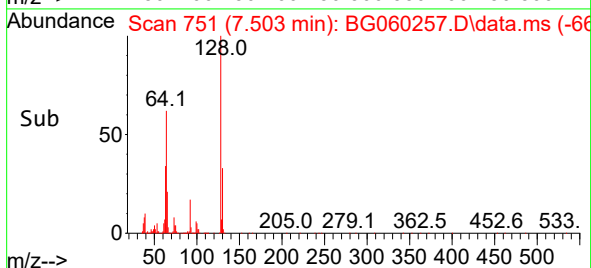
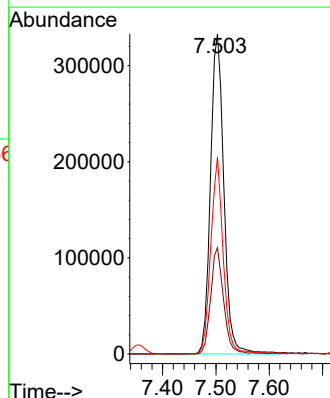
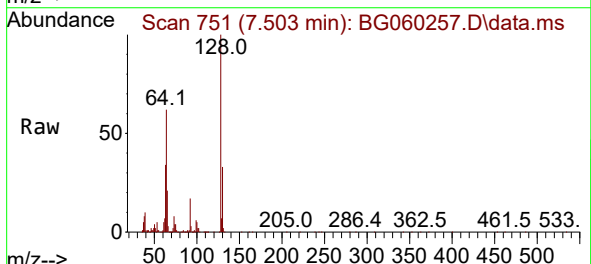
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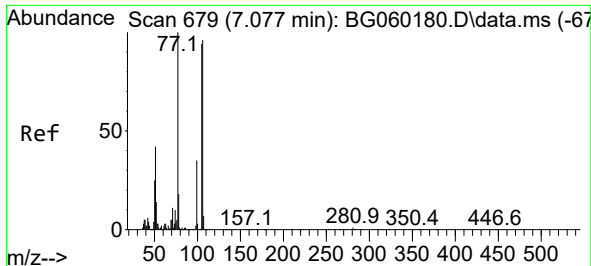
Tgt Ion: 99 Resp: 2554979
Ion Ratio Lower Upper
99 100
42 15.0 12.5 18.7
71 29.0 24.1 36.1



#8
2-Chlorophenol
Concen: 49.508 ng
RT: 7.503 min Scan# 751
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion: 128 Resp: 579781
Ion Ratio Lower Upper
128 100
130 33.2 11.3 51.3
64 61.6 36.4 76.4

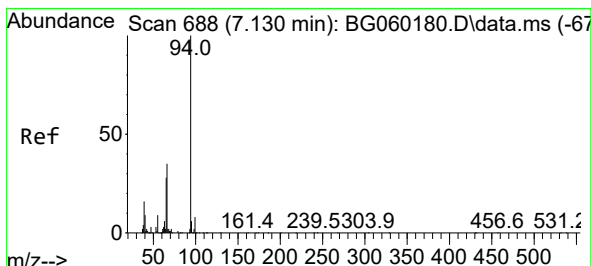
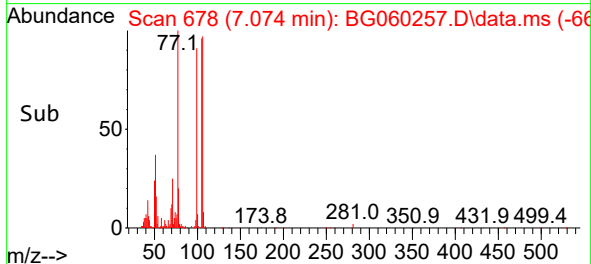
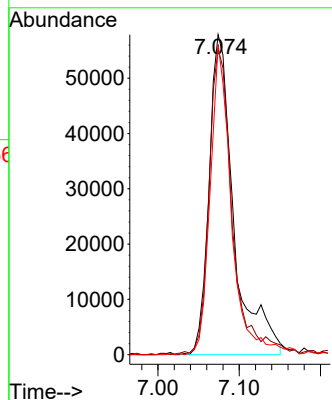
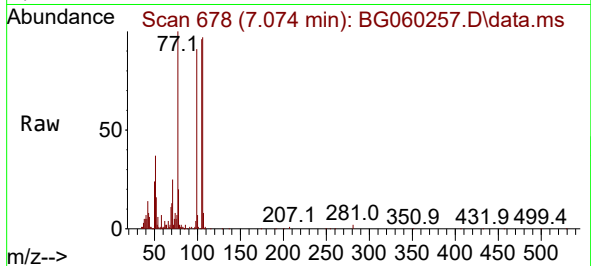




#9
Benzaldehyde
Concen: 11.281 ng
RT: 7.074 min Scan# 61
Delta R.T. -0.003 min
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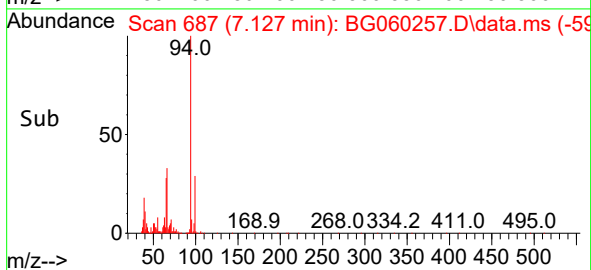
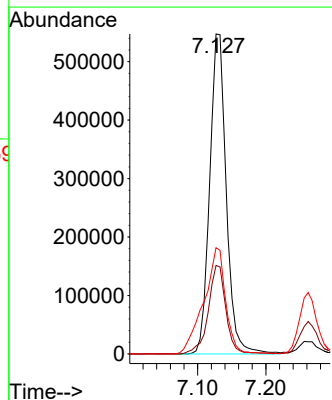
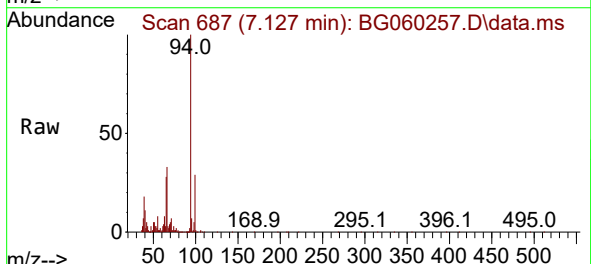
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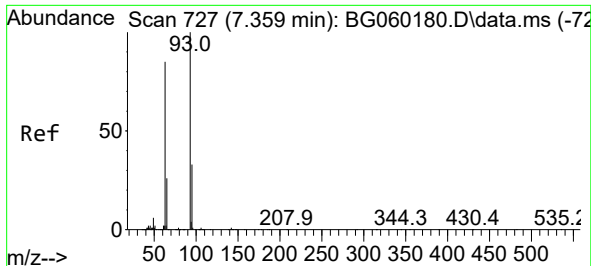
Tgt Ion: 77 Resp: 122711
Ion Ratio Lower Upper
77 100
105 95.6 73.8 113.8
106 97.0 76.2 116.2



#10
Phenol
Concen: 50.806 ng
RT: 7.127 min Scan# 687
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion: 94 Resp: 926925
Ion Ratio Lower Upper
94 100
65 27.7 8.4 48.4
66 33.2 15.0 55.0

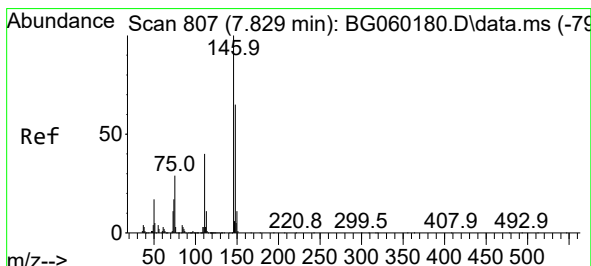
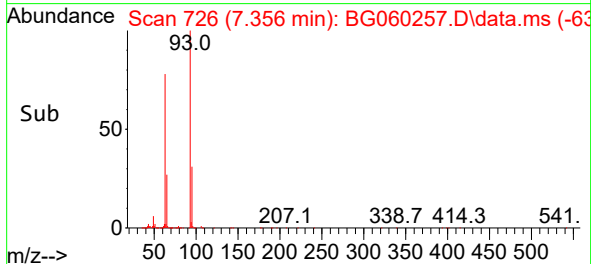
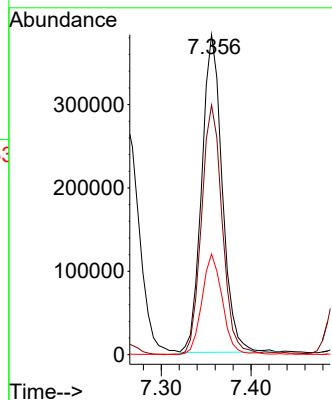
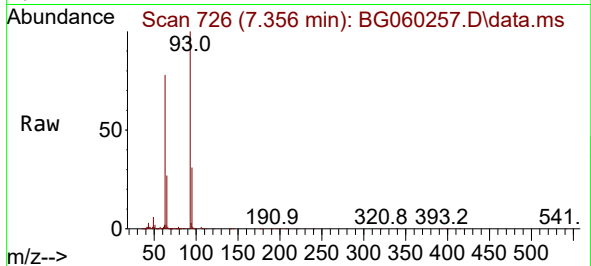




#11
bis(2-Chloroethyl)ether
Concen: 40.946 ng
RT: 7.356 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

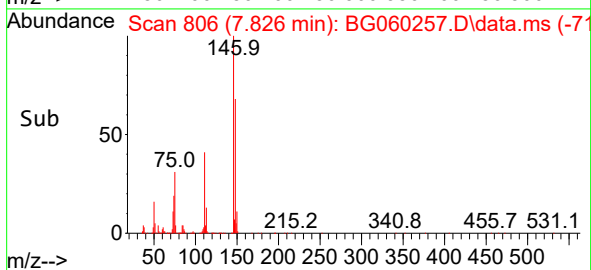
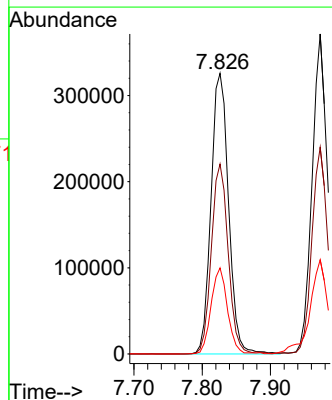
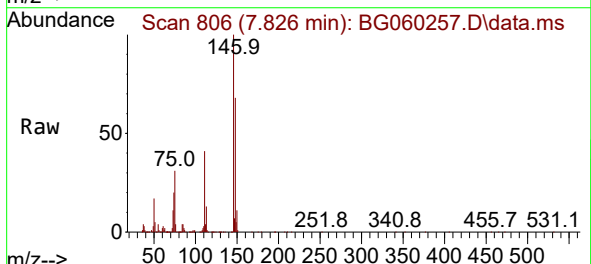
Instrument :
BNA_G
ClientSampleId :
PB158206BS

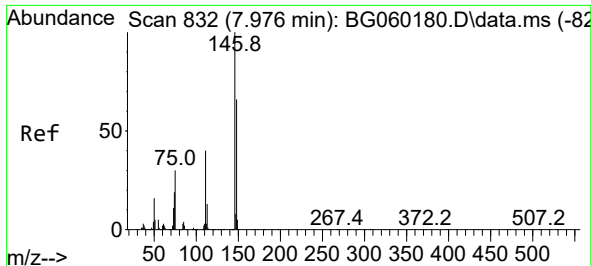
Tgt Ion: 93 Resp: 604514
Ion Ratio Lower Upper
93 100
63 78.0 63.8 103.8
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.290 ng
RT: 7.826 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:146 Resp: 582442
Ion Ratio Lower Upper
146 100
148 67.7 52.2 78.4
75 30.7 23.4 35.2

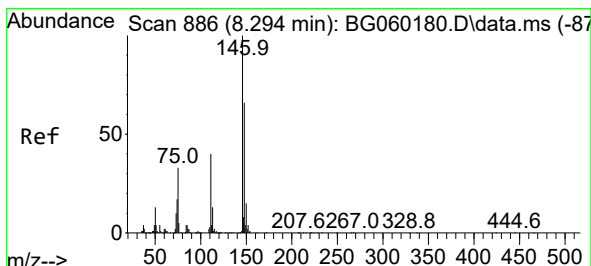
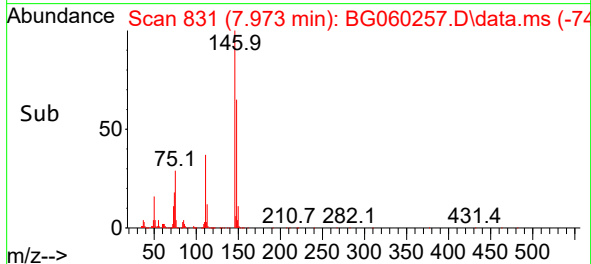
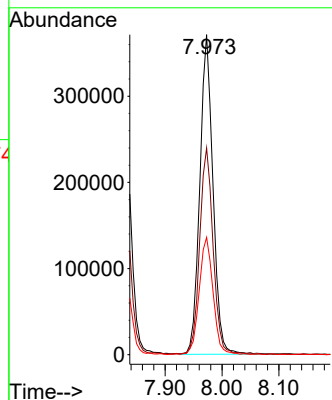
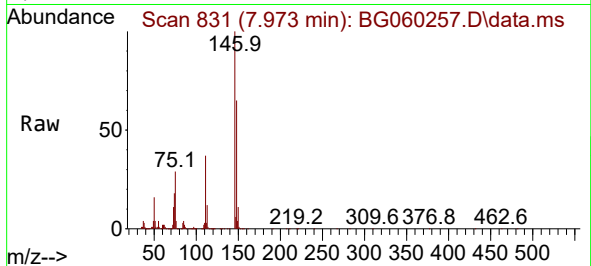




#13
1,4-Dichlorobenzene
Concen: 40.804 ng
RT: 7.973 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

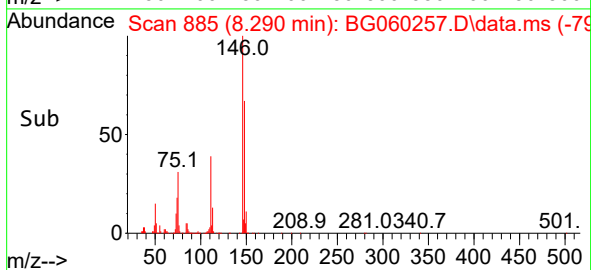
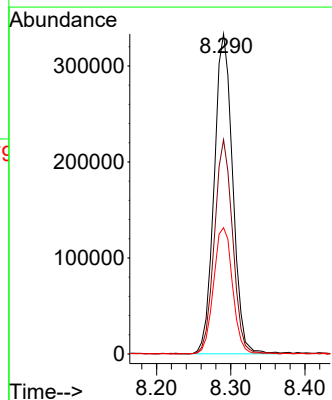
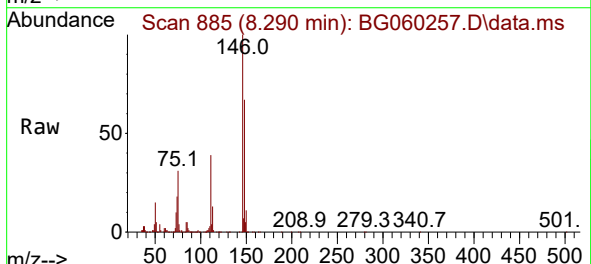
Instrument :
BNA_G
ClientSampleId :
PB158206BS

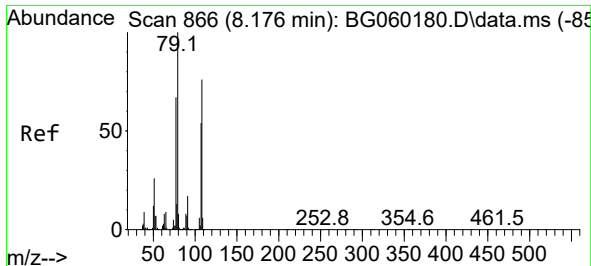
Tgt Ion:146 Resp: 596351
Ion Ratio Lower Upper
146 100
148 64.6 53.0 79.4
111 36.7 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 40.429 ng
RT: 8.290 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:146 Resp: 577634
Ion Ratio Lower Upper
146 100
148 67.0 52.9 79.3
111 39.4 31.8 47.8

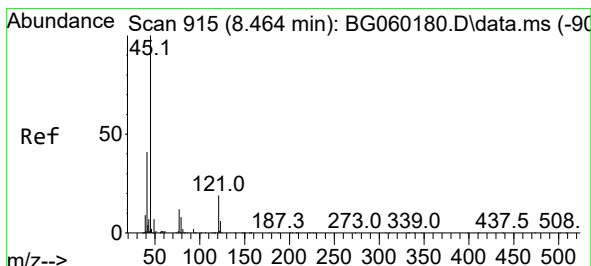
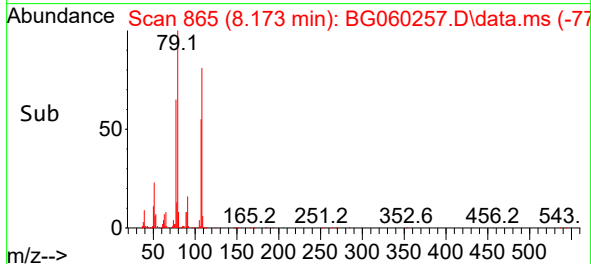
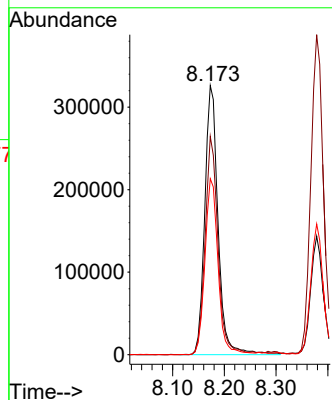
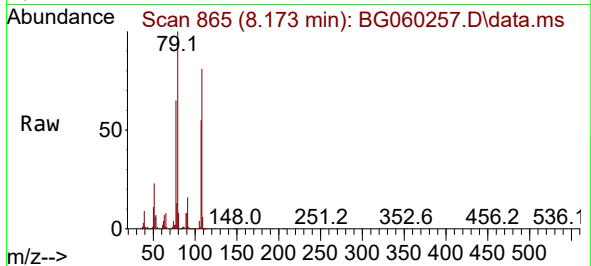




#15
Benzyl Alcohol
Concen: 51.923 ng
RT: 8.173 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

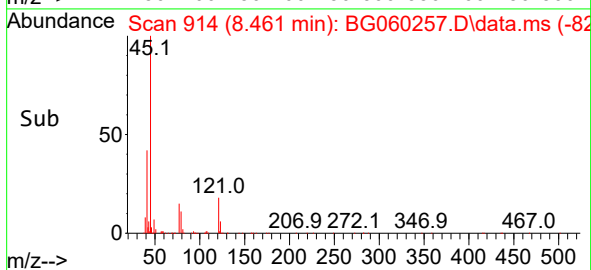
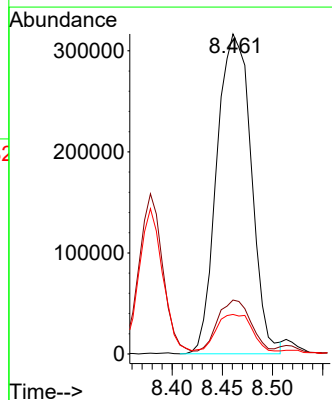
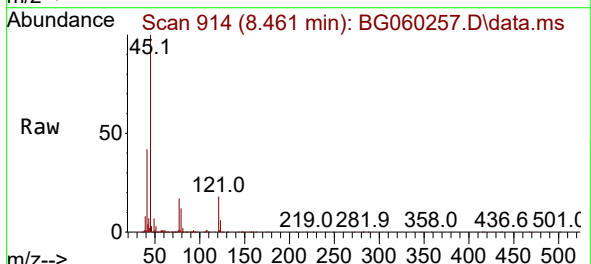
Instrument :
BNA_G
ClientSampleId :
PB158206BS

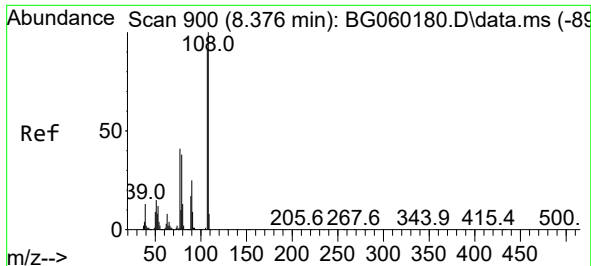
Tgt Ion: 79 Resp: 583086
Ion Ratio Lower Upper
79 100
108 81.1 60.6 91.0
77 65.4 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.754 ng
RT: 8.461 min Scan# 914
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion: 45 Resp: 753228
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.5
79 12.4 0.0 31.5

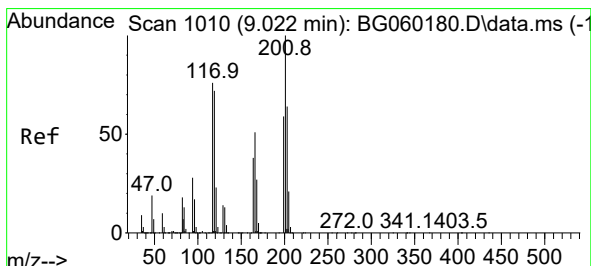
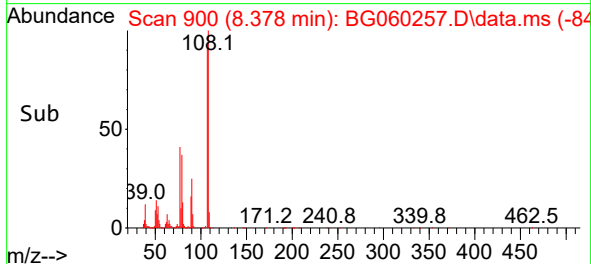
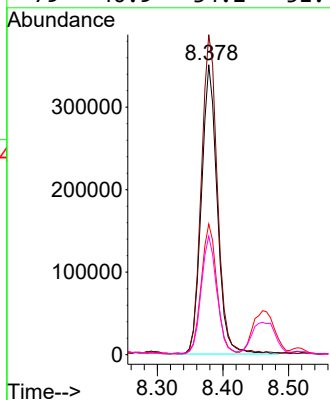
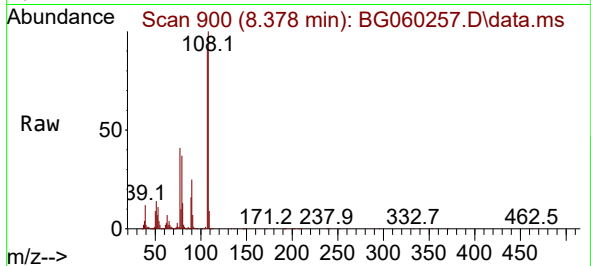




#17
2-Methylphenol
Concen: 51.550 ng
RT: 8.378 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

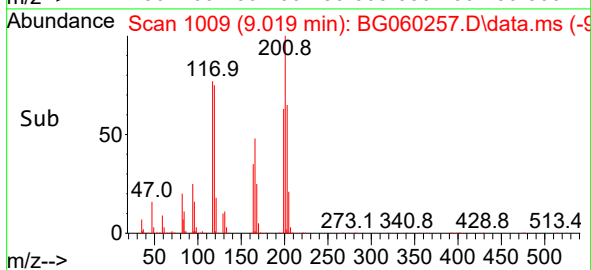
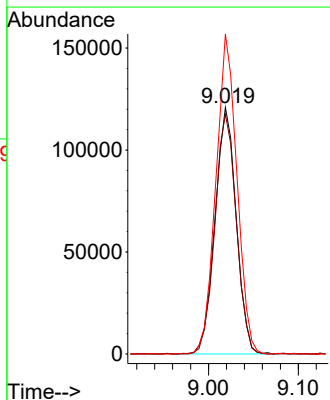
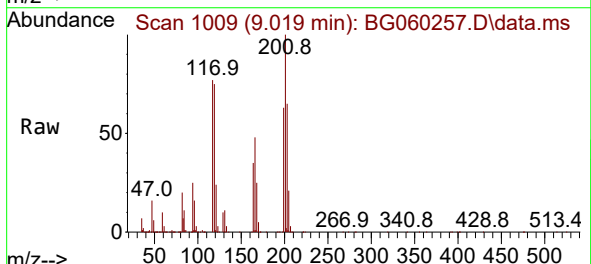
Instrument :
BNA_G
ClientSampleId :
PB158206BS

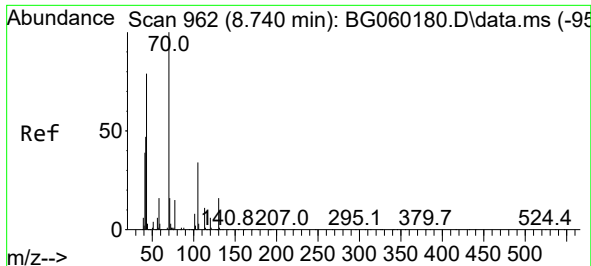
Tgt Ion:107 Resp: 588909
Ion Ratio Lower Upper
107 100
108 110.4 88.7 133.1
77 45.1 36.4 54.6
79 40.9 34.2 51.4



#18
Hexachloroethane
Concen: 43.115 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:117 Resp: 198454
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0
201 129.8 107.5 161.3

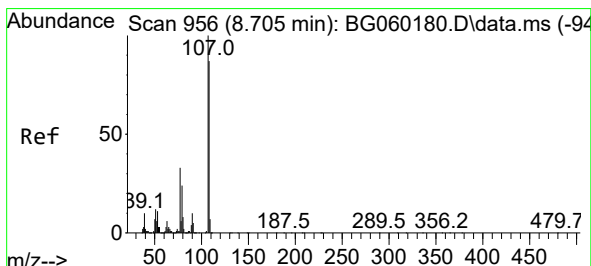
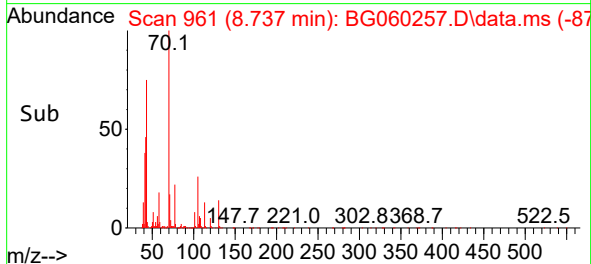
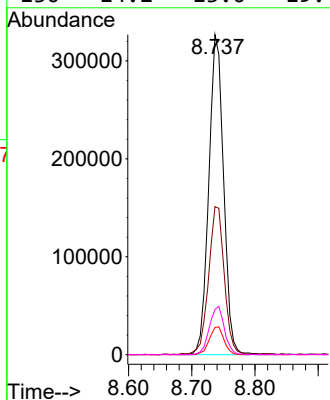
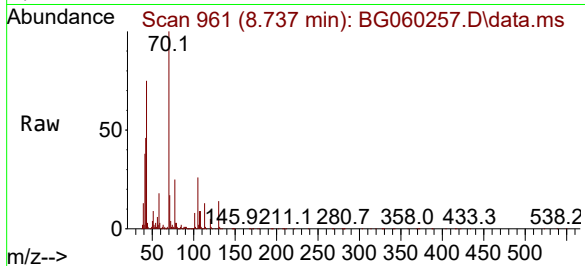




#19
n-Nitroso-di-n-propylamine
Concen: 43.038 ng
RT: 8.737 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

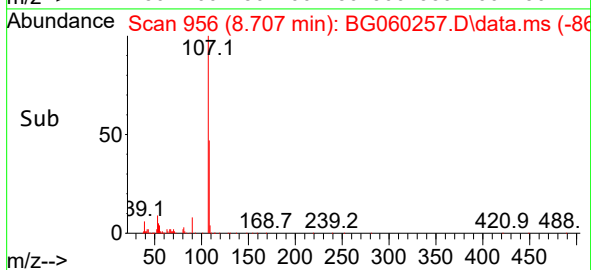
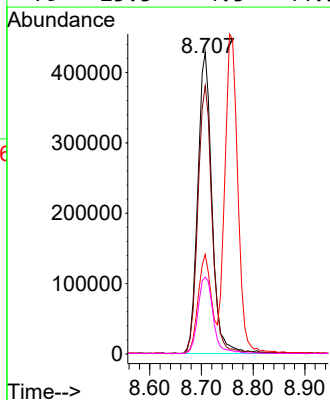
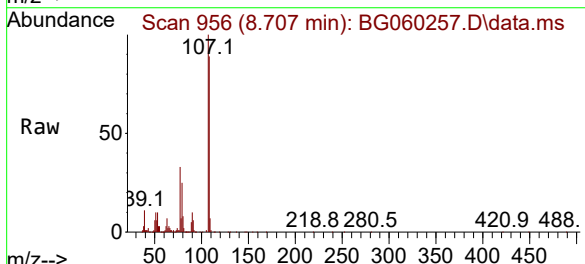
Instrument :
BNA_G
ClientSampleId :
PB158206BS

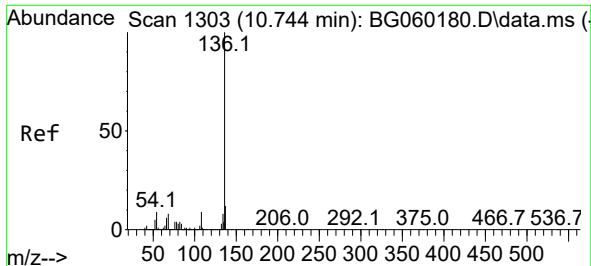
Tgt Ion: 70 Resp: 531938
Ion Ratio Lower Upper
70 100
42 46.2 37.9 56.9
101 8.5 6.2 9.2
130 14.2 13.0 19.4



#20
3+4-Methylphenols
Concen: 50.397 ng
RT: 8.707 min Scan# 956
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion: 107 Resp: 815981
Ion Ratio Lower Upper
107 100
108 89.0 67.4 107.4
77 33.0 12.8 52.8
79 25.5 4.5 44.5

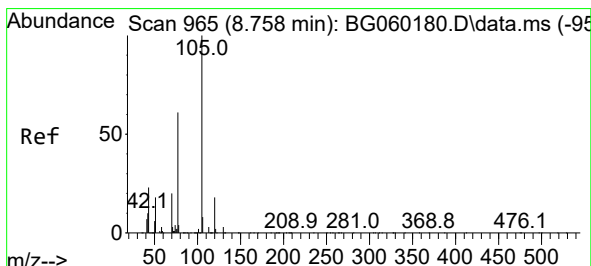
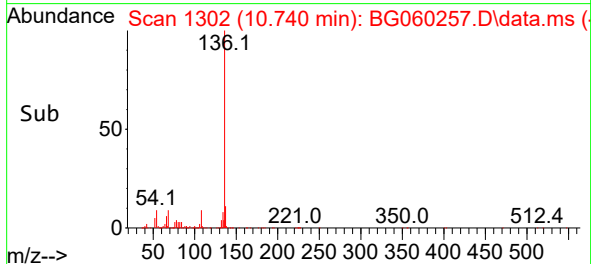
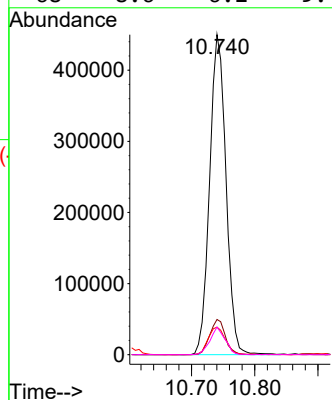
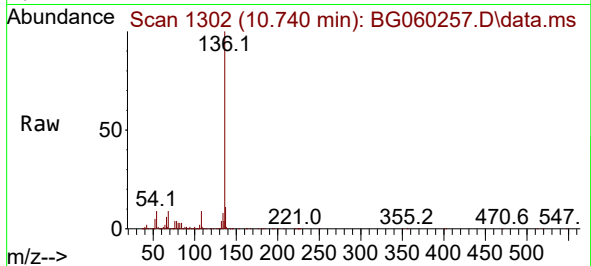




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

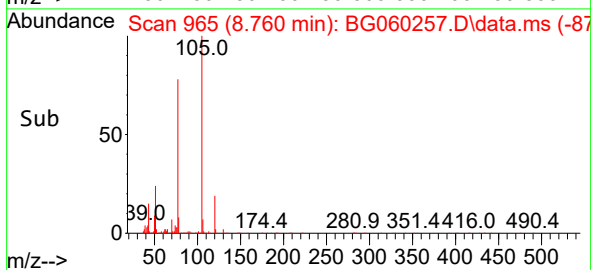
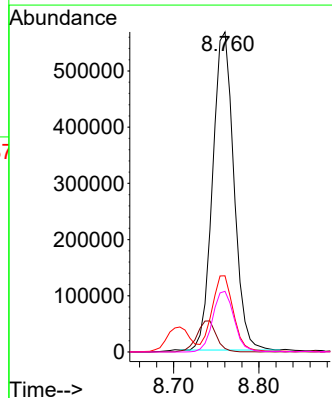
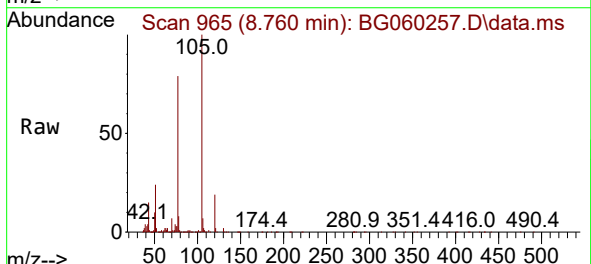
Instrument :
BNA_G
ClientSampleId :
PB158206BS

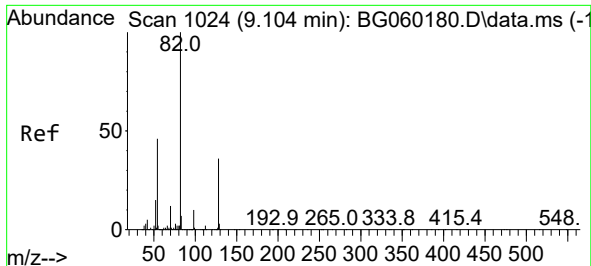
Tgt Ion:136 Resp: 810994
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 8.6 7.4 11.2
68 8.6 6.2 9.4



#22
Acetophenone
Concen: 40.711 ng
RT: 8.760 min Scan# 965
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:105 Resp: 978219
Ion Ratio Lower Upper
105 100
71 1.1 2.6 3.8#
51 23.8 20.0 30.0
120 19.0 14.6 22.0





#23

Nitrobenzene-d5

Concen: 84.368 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

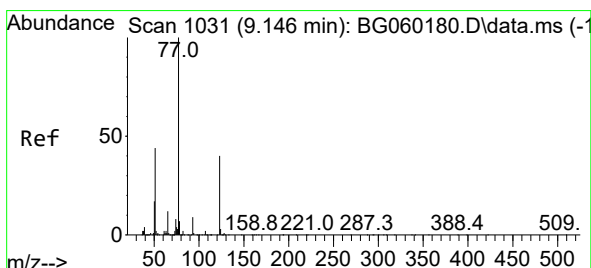
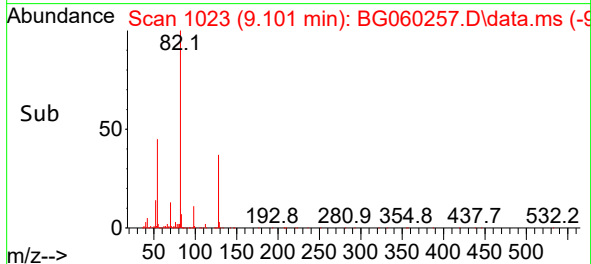
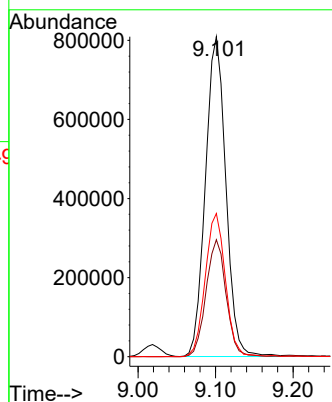
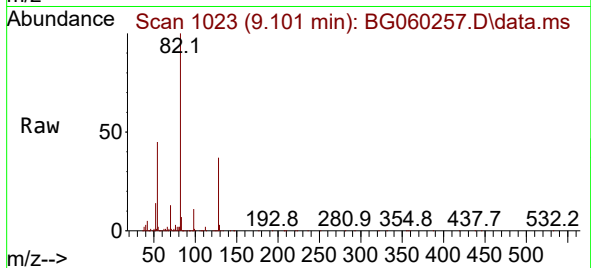
BNA_G

ClientSampleId :

PB158206BS

Tgt Ion: 82 Resp: 1481324

Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.7	43.1
54	44.7	36.9	55.3



#24

Nitrobenzene

Concen: 42.549 ng

RT: 9.142 min Scan# 1030

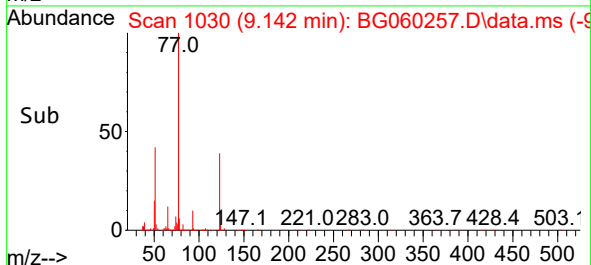
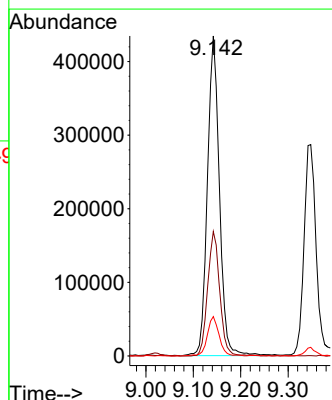
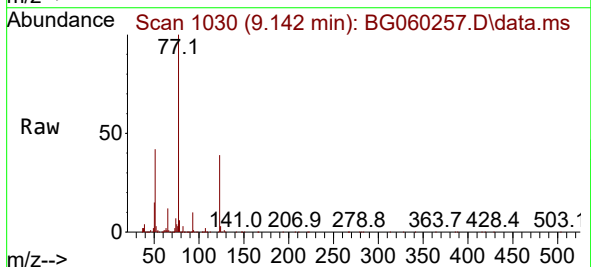
Delta R.T. -0.003 min

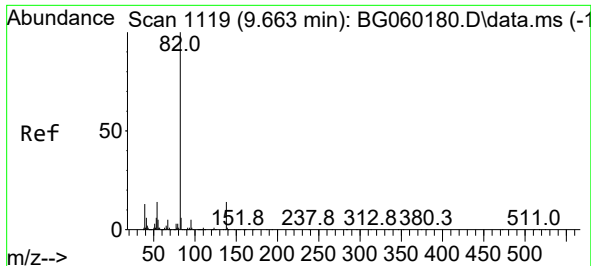
Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Tgt Ion: 77 Resp: 764354

Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.9	47.9
65	12.3	9.9	14.9

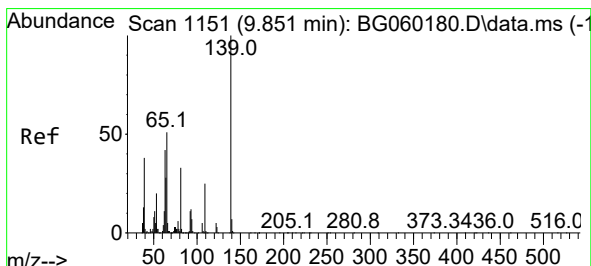
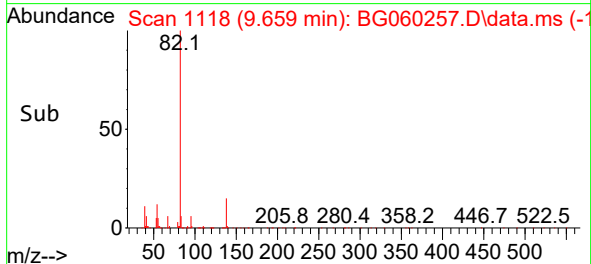
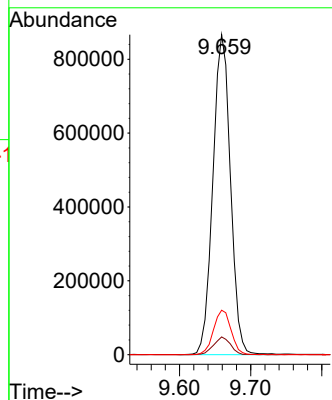
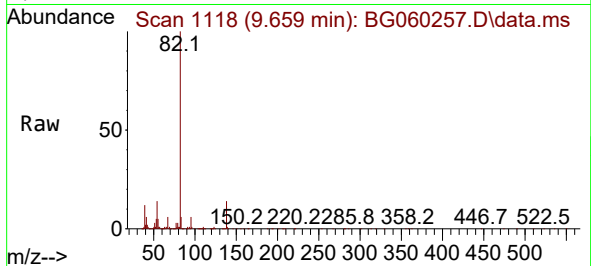




#25
Isophorone
Concen: 40.411 ng
RT: 9.659 min Scan# 1118
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

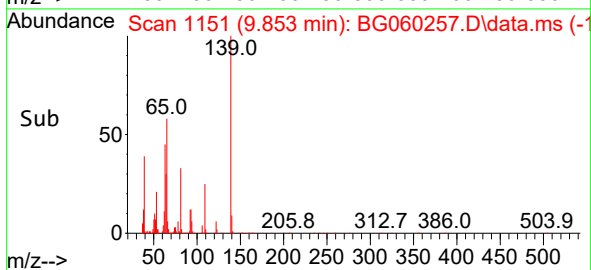
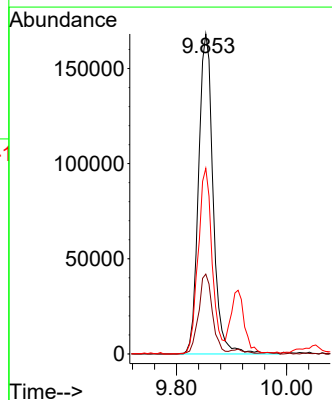
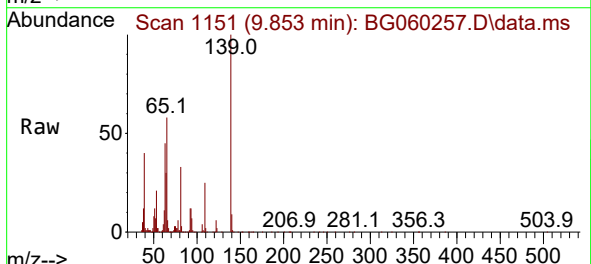
Instrument :
BNA_G
ClientSampleId :
PB158206BS

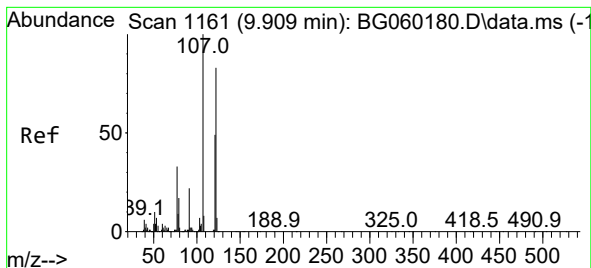
Tgt Ion: 82 Resp: 1484474
Ion Ratio Lower Upper
82 100
95 5.6 4.4 6.6
138 13.9 11.5 17.3



#26
2-Nitrophenol
Concen: 49.310 ng
RT: 9.853 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:139 Resp: 309106
Ion Ratio Lower Upper
139 100
109 25.0 19.8 29.8
65 58.0 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 58.247 ng

RT: 9.912 min Scan# 1161

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

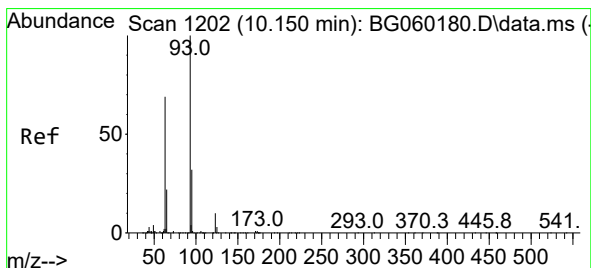
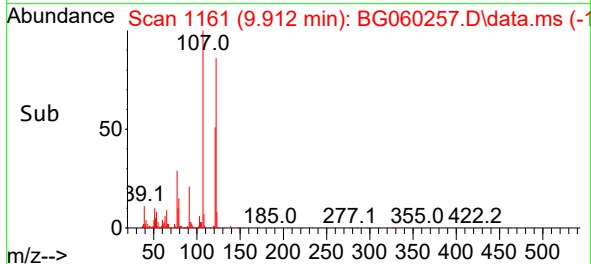
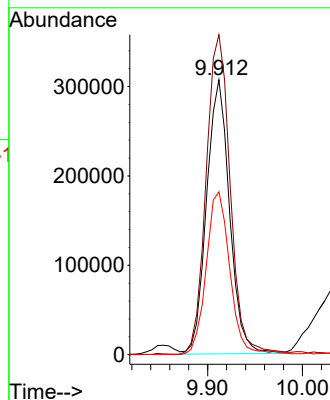
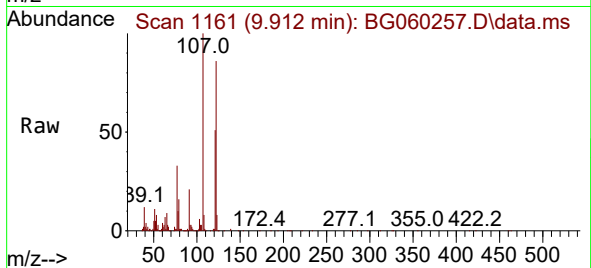
Tgt Ion:122 Resp: 517206

Ion Ratio Lower Upper

122 100

107 116.4 95.8 143.6

121 59.3 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.061 ng

RT: 10.147 min Scan# 1201

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

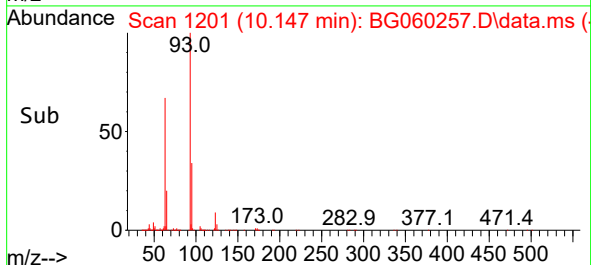
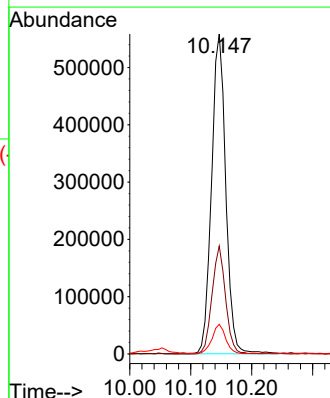
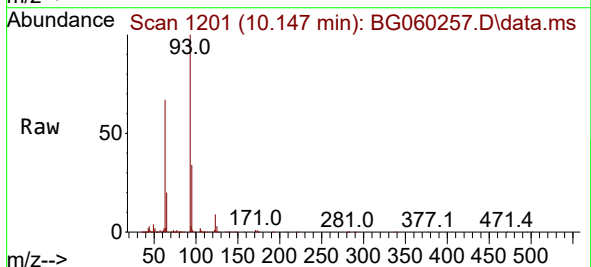
Tgt Ion: 93 Resp: 904956

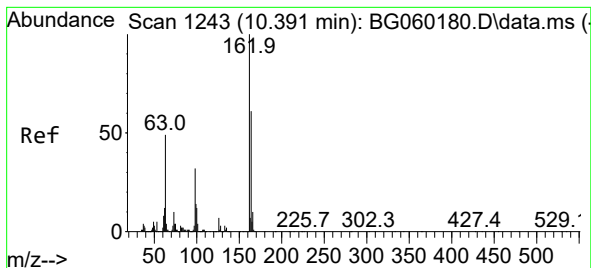
Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

123 9.3 7.8 11.6

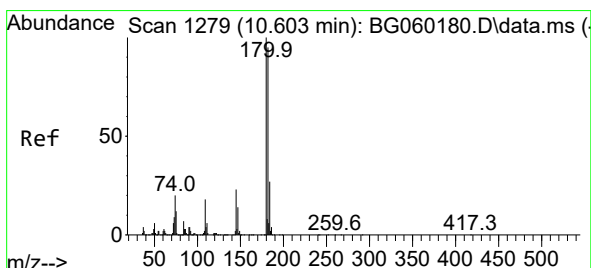
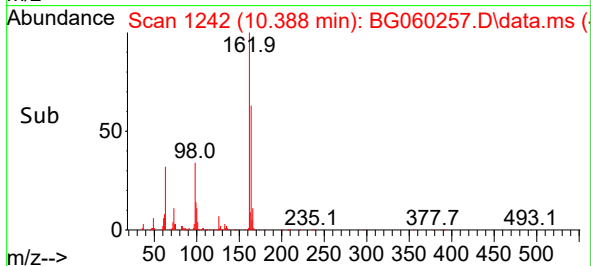
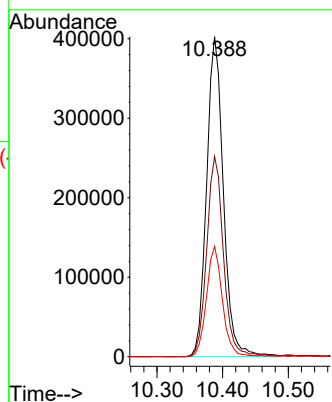
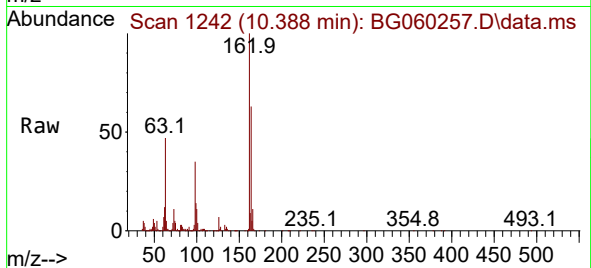




#29
2,4-Dichlorophenol
Concen: 51.064 ng
RT: 10.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

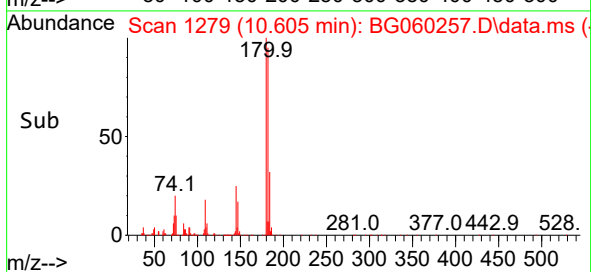
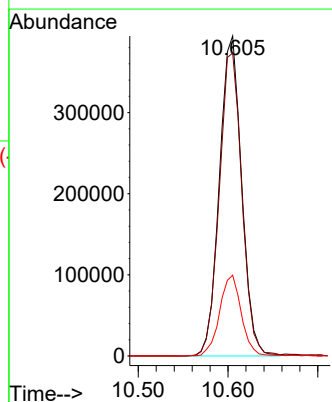
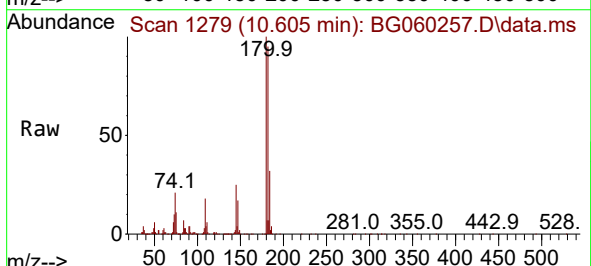
Instrument :
BNA_G
ClientSampleId :
PB158206BS

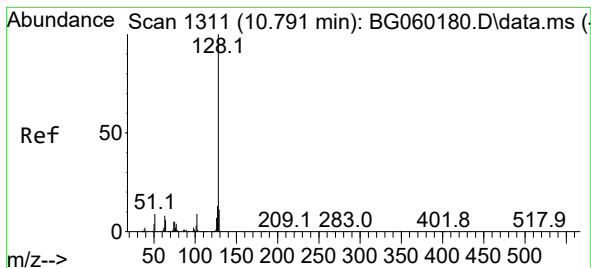
Tgt Ion:162 Resp: 716598
Ion Ratio Lower Upper
162 100
164 62.5 40.7 80.7
98 34.5 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 39.673 ng
RT: 10.605 min Scan# 1279
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:180 Resp: 677643
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 25.3 18.4 27.6





#31

Naphthalene

Concen: 41.436 ng

RT: 10.793 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

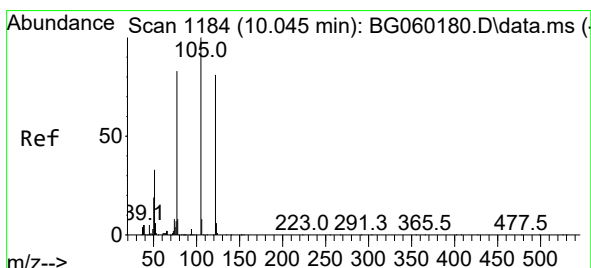
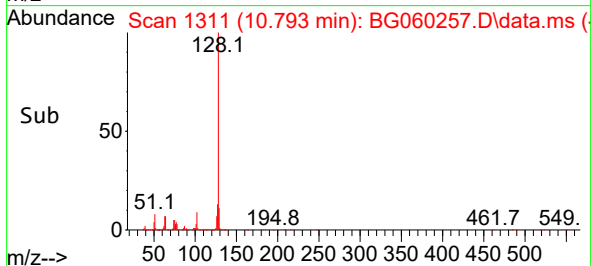
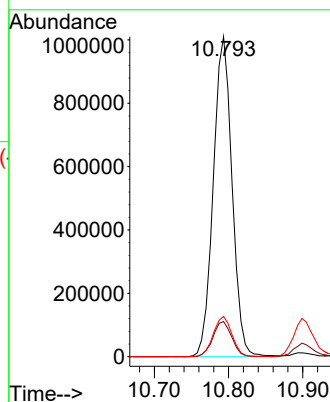
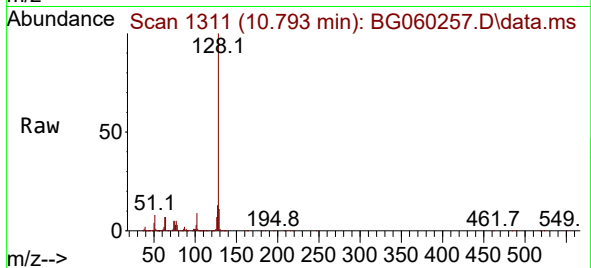
Tgt Ion:128 Resp: 1774082

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

127 12.6 10.6 16.0



#32

Benzoic acid

Concen: 43.699 ng

RT: 10.053 min Scan# 1185

Delta R.T. 0.008 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

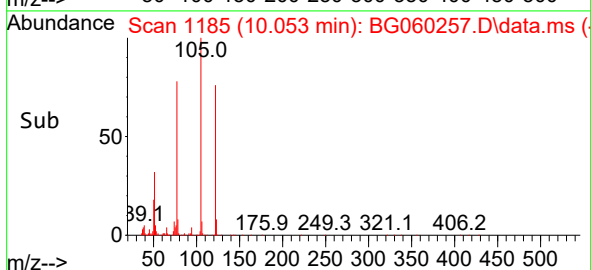
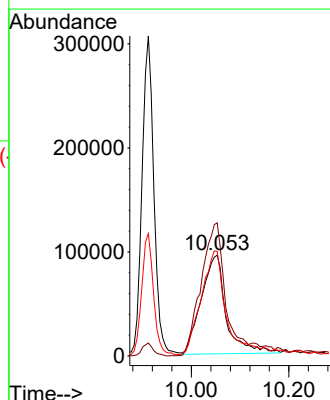
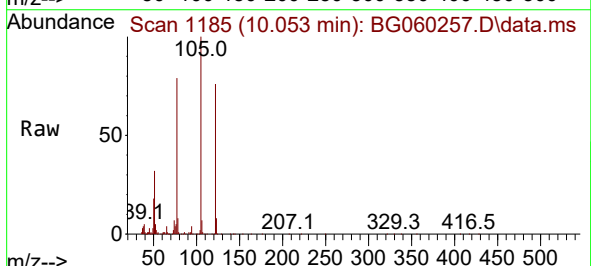
Tgt Ion:122 Resp: 337475

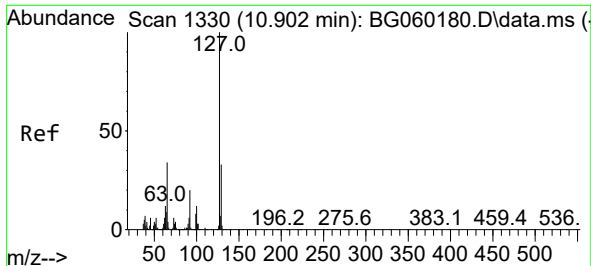
Ion Ratio Lower Upper

122 100

105 132.1 99.2 139.2

77 103.9 81.0 121.0

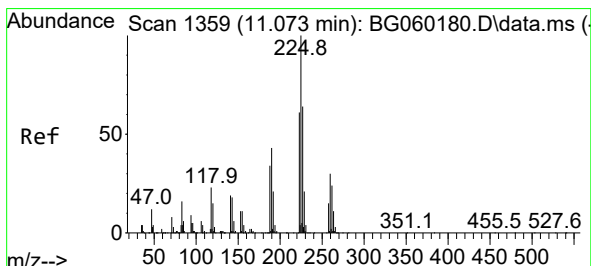
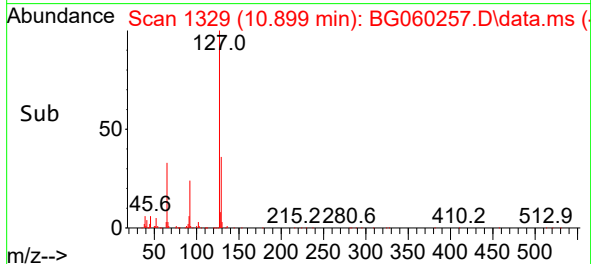
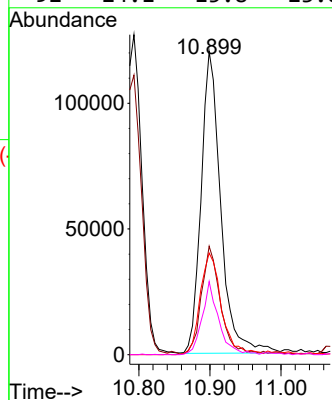
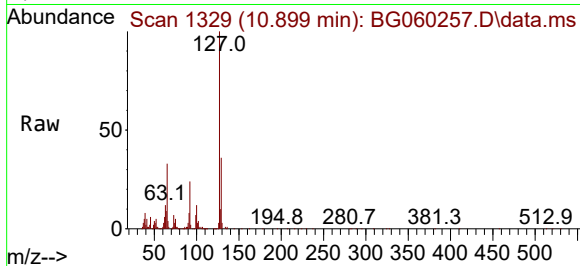




#33
4-Chloroaniline
Concen: 13.827 ng
RT: 10.899 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

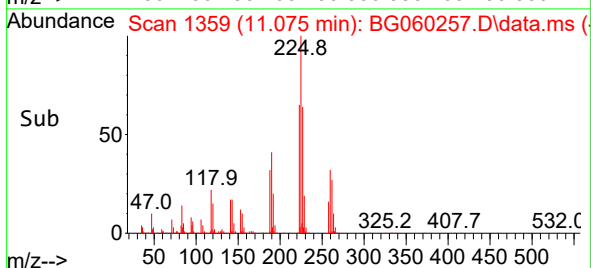
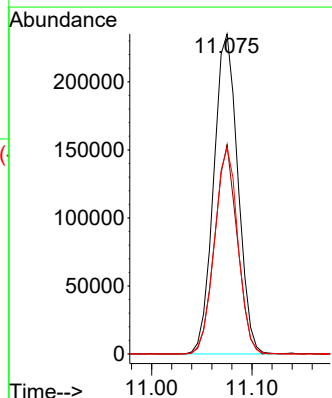
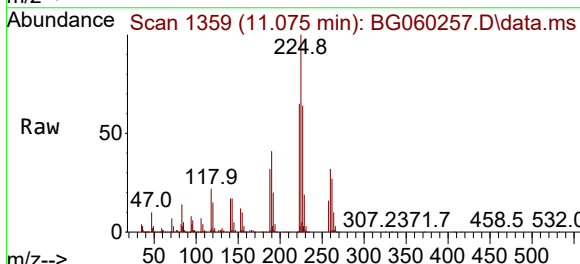
Instrument :
BNA_G
ClientSampleId :
PB158206BS

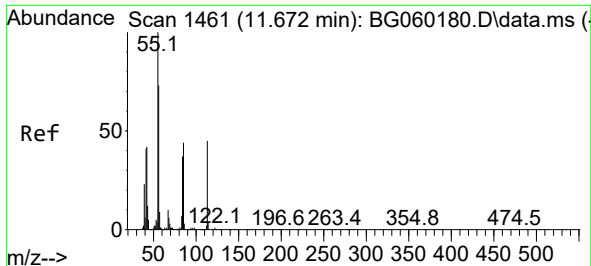
Tgt Ion:127 Resp: 231207
Ion Ratio Lower Upper
127 100
129 35.8 26.0 39.0
65 33.5 27.4 41.0
92 24.1 15.8 23.8#



#34
Hexachlorobutadiene
Concen: 38.662 ng
RT: 11.075 min Scan# 1359
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:225 Resp: 392756
Ion Ratio Lower Upper
225 100
223 65.4 49.0 73.6
227 67.3 51.0 76.4

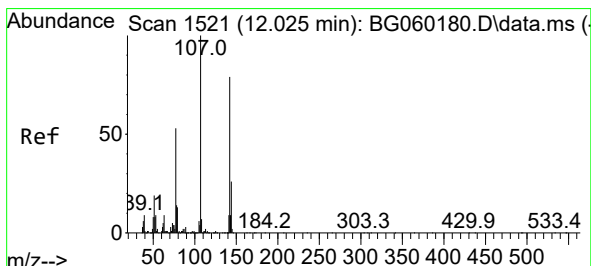
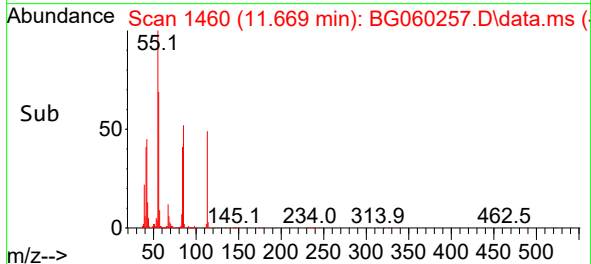
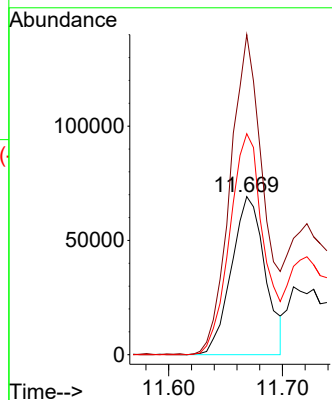
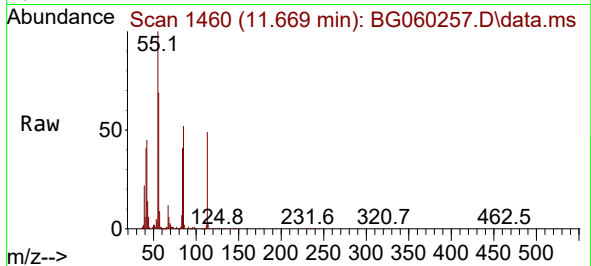




#35
Caprolactam
Concen: 30.552 ng
RT: 11.669 min Scan# 1460
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

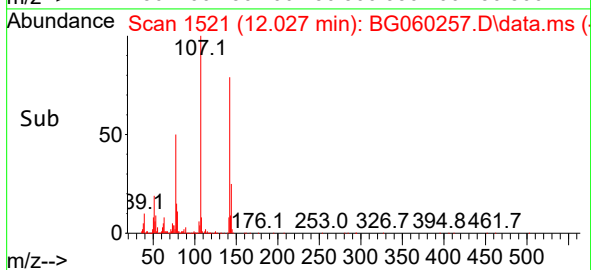
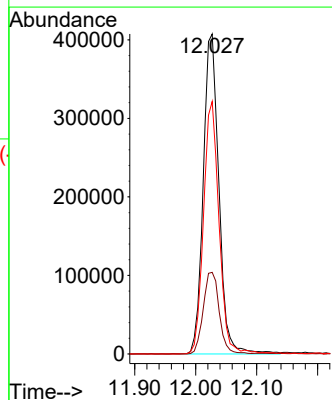
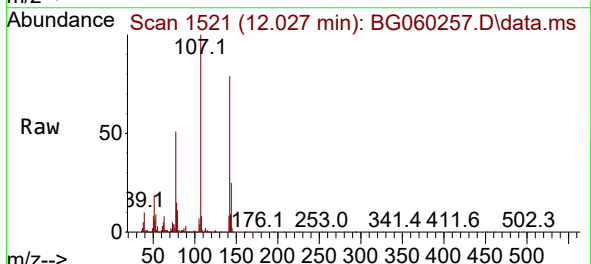
Instrument :
BNA_G
ClientSampleId :
PB158206BS

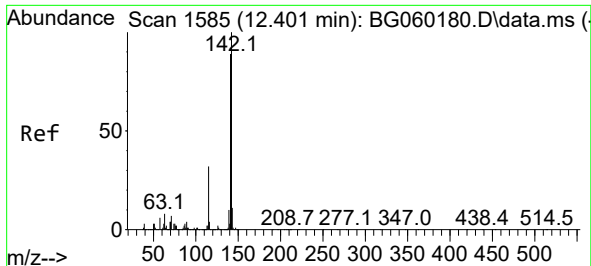
Tgt Ion:113 Resp: 142622
Ion Ratio Lower Upper
113 100
55 202.5 202.1 242.1
56 139.8 142.4 182.4#



#36
4-Chloro-3-methylphenol
Concen: 50.450 ng
RT: 12.027 min Scan# 1521
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:107 Resp: 728615
Ion Ratio Lower Upper
107 100
144 25.5 20.8 31.2
142 78.9 63.4 95.2





#37

2-Methylnaphthalene

Concen: 42.722 ng

RT: 12.397 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

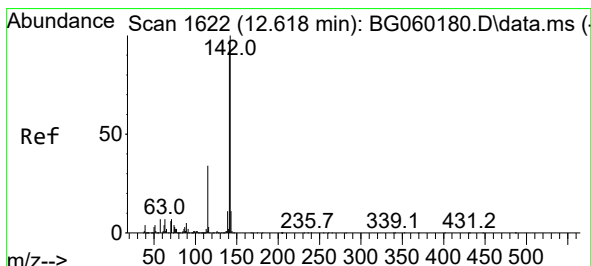
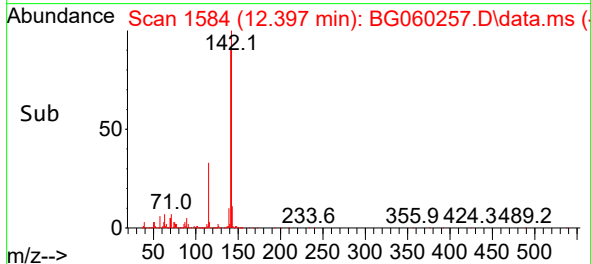
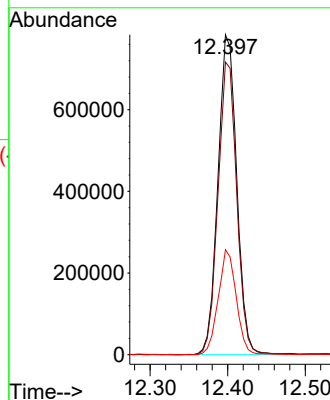
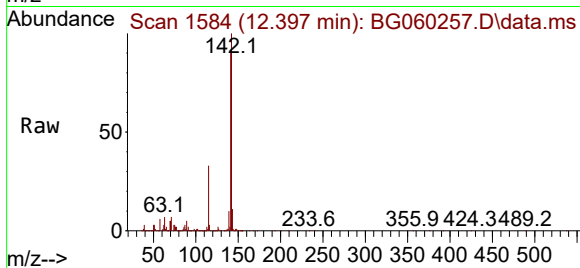
Tgt Ion:142 Resp: 1321211

Ion Ratio Lower Upper

142 100

141 91.4 71.1 106.7

115 32.8 25.5 38.3



#38

1-Methylnaphthalene

Concen: 42.277 ng

RT: 12.620 min Scan# 1622

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

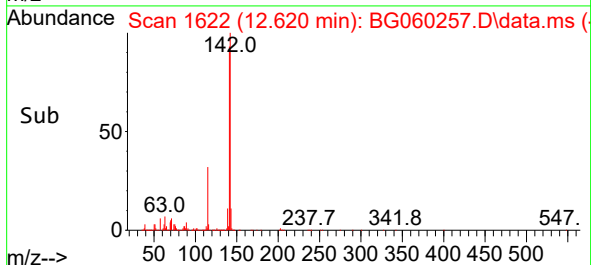
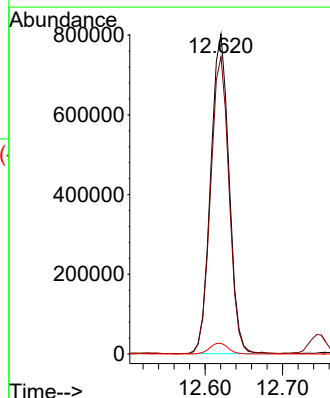
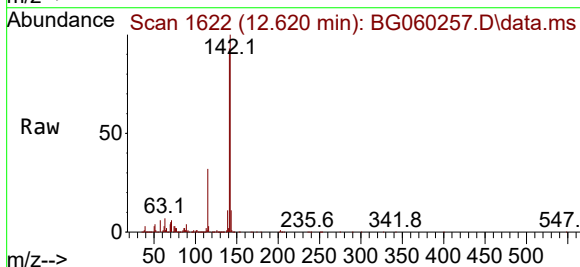
Tgt Ion:142 Resp: 1321888

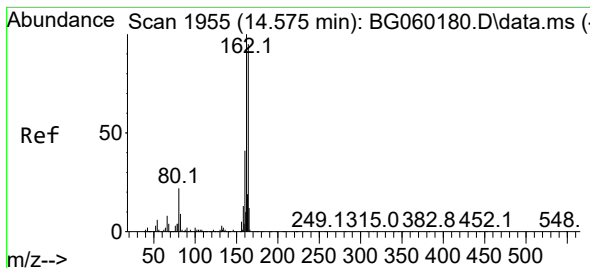
Ion Ratio Lower Upper

142 100

141 92.9 76.6 114.8

116 3.3 2.6 3.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

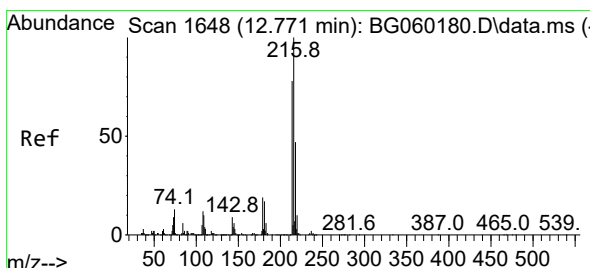
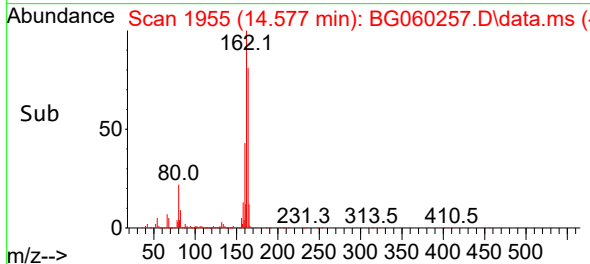
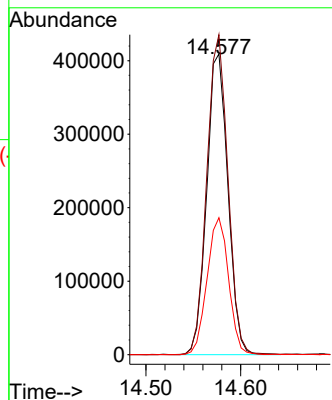
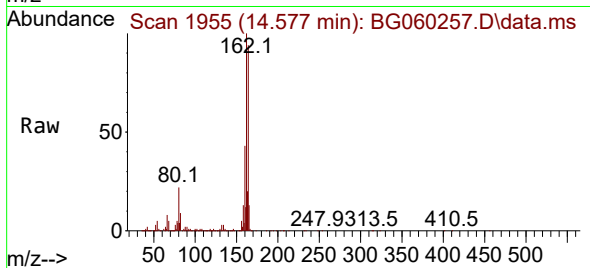
Tgt Ion:164 Resp: 635965

Ion Ratio Lower Upper

164 100

162 106.4 83.9 125.9

160 45.5 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.782 ng

RT: 12.767 min Scan# 1647

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Tgt Ion:216 Resp: 871524

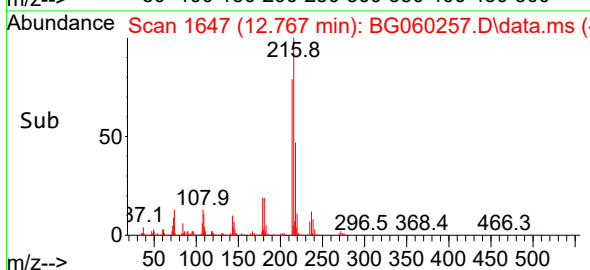
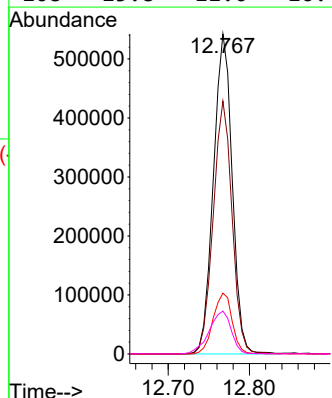
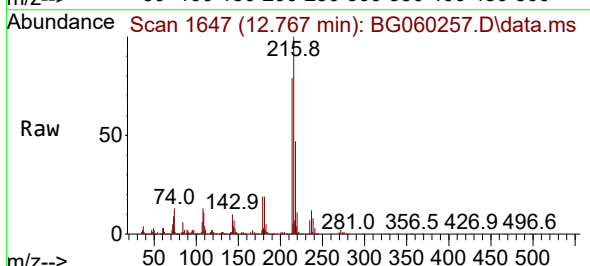
Ion Ratio Lower Upper

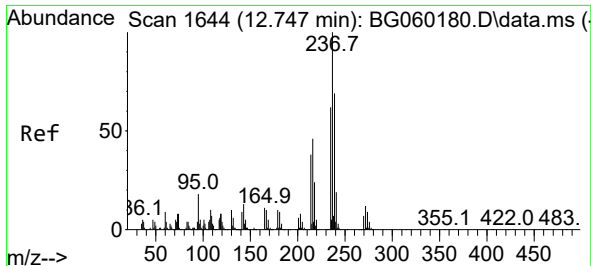
216 100

214 79.3 63.4 95.0

179 19.3 15.2 22.8

108 15.8 11.0 16.4

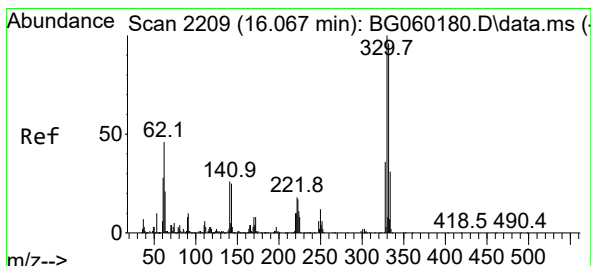
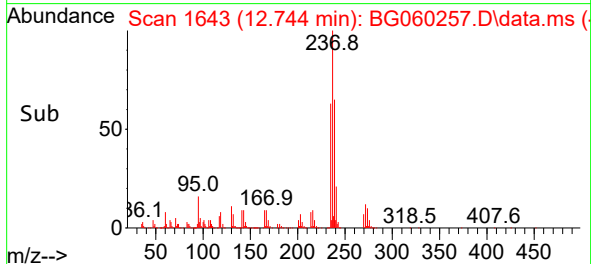
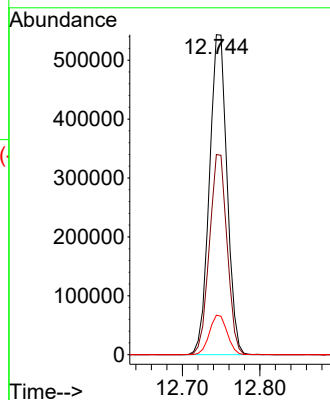
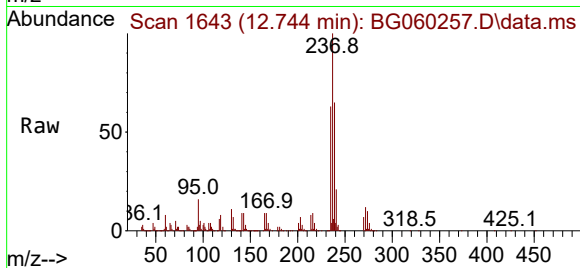




#41
Hexachlorocyclopentadiene
Concen: 130.277 ng
RT: 12.744 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

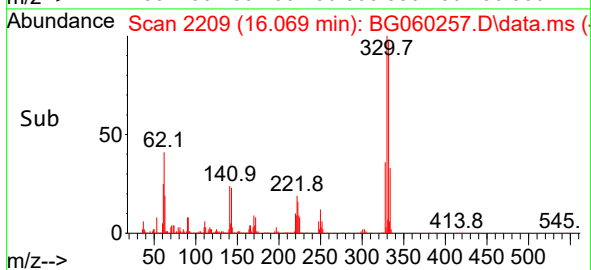
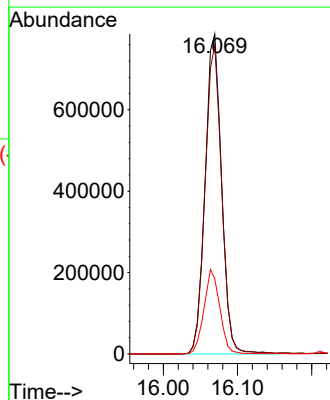
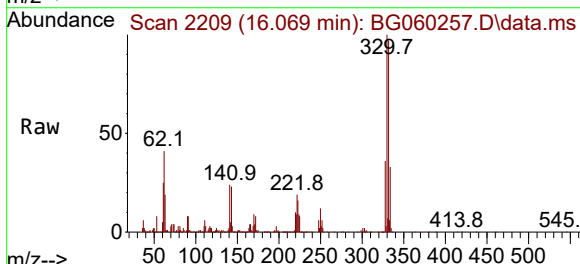
Instrument :
BNA_G
ClientSampleId :
PB158206BS

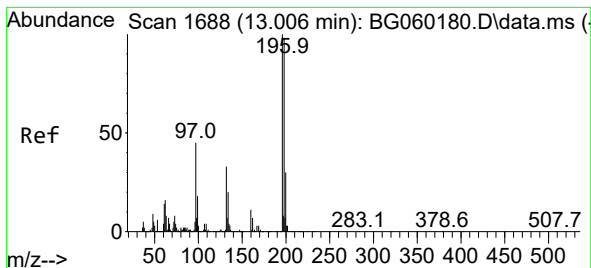
Tgt Ion:237 Resp: 857814
Ion Ratio Lower Upper
237 100
235 62.6 42.2 82.2
272 12.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 142.675 ng
RT: 16.069 min Scan# 2209
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:330 Resp: 1214604
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 25.4 21.0 31.4





#43

2,4,6-Trichlorophenol

Concen: 47.067 ng

RT: 13.008 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

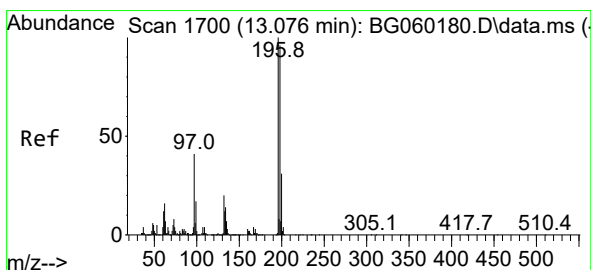
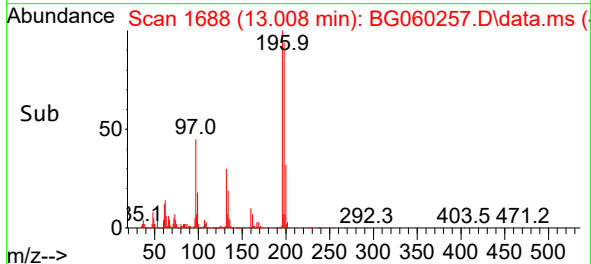
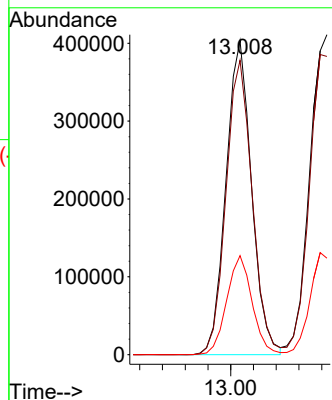
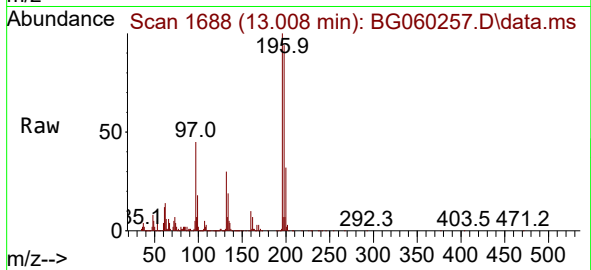
Tgt Ion:196 Resp: 630073

Ion Ratio Lower Upper

196 100

198 93.7 78.3 117.5

200 31.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 47.279 ng

RT: 13.085 min Scan# 1701

Delta R.T. 0.008 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Tgt Ion:196 Resp: 708030

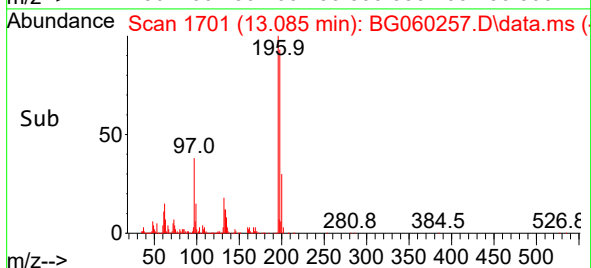
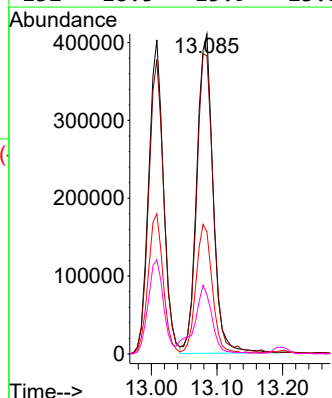
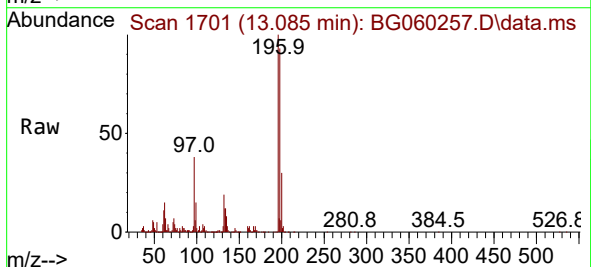
Ion Ratio Lower Upper

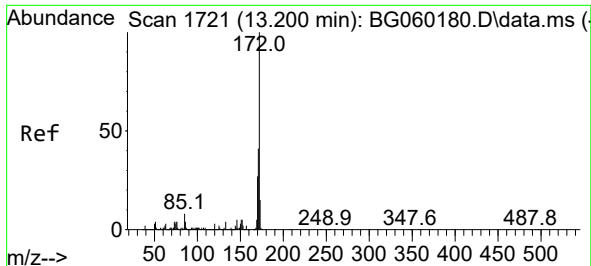
196 100

198 93.2 76.6 115.0

97 38.2 32.9 49.3

132 18.5 15.9 23.9

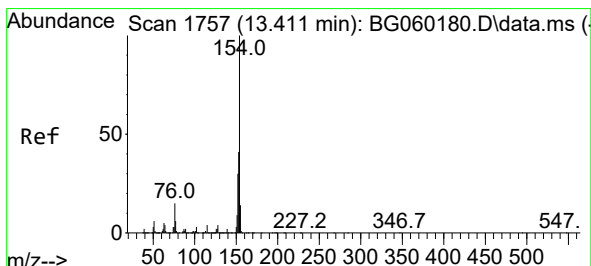
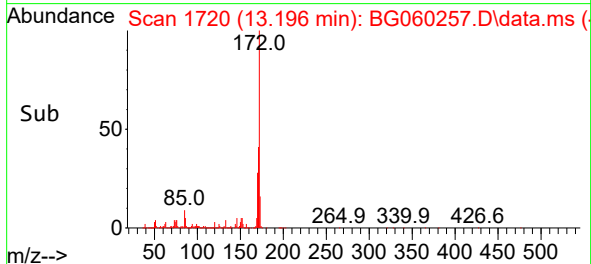
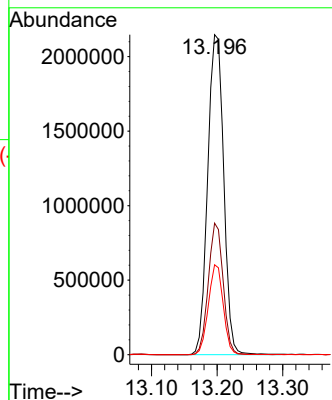
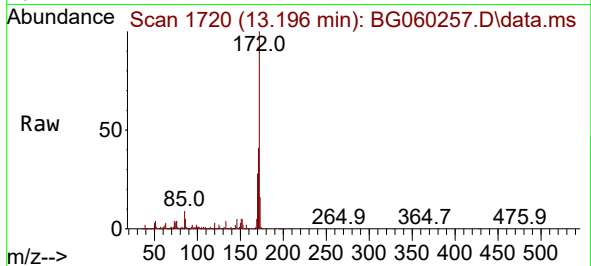




#45
2-Fluorobiphenyl
Concen: 82.378 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

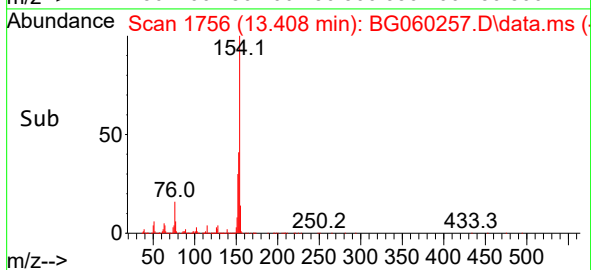
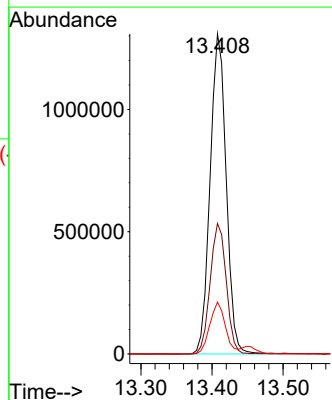
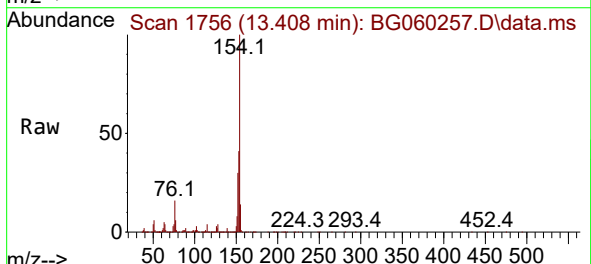
Instrument :
BNA_G
ClientSampleId :
PB158206BS

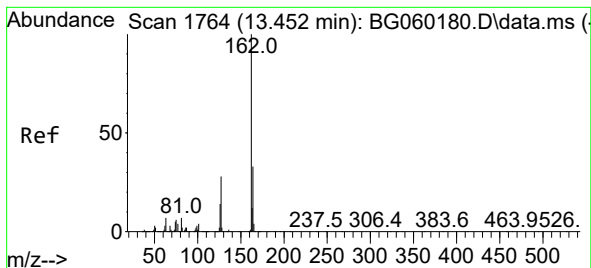
Tgt Ion:172 Resp: 3645209
Ion Ratio Lower Upper
172 100
171 41.1 32.6 48.8
170 28.1 21.8 32.6



#46
1,1'-Biphenyl
Concen: 44.023 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:154 Resp: 2059866
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 16.2 0.0 35.4





#47

2-Chloronaphthalene

Concen: 42.509 ng

RT: 13.455 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

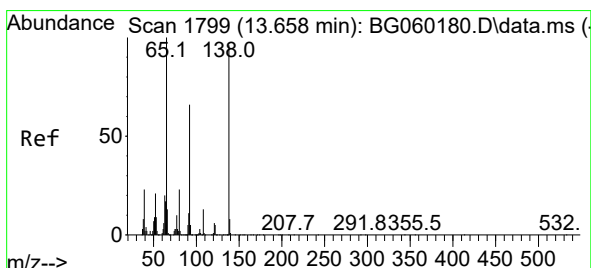
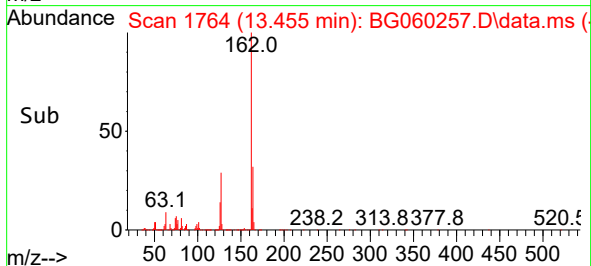
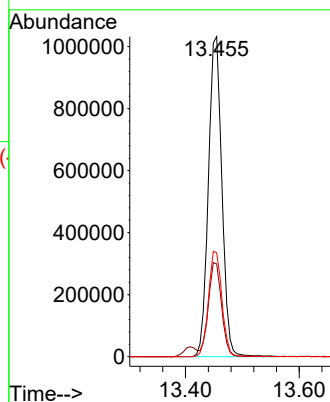
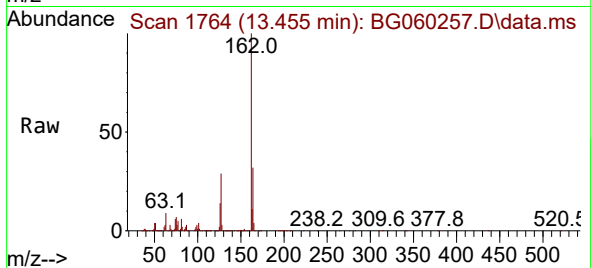
Tgt Ion:162 Resp: 1694572

Ion Ratio Lower Upper

162 100

127 29.0 23.0 34.6

164 32.5 26.7 40.1



#48

2-Nitroaniline

Concen: 51.217 ng

RT: 13.655 min Scan# 1798

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

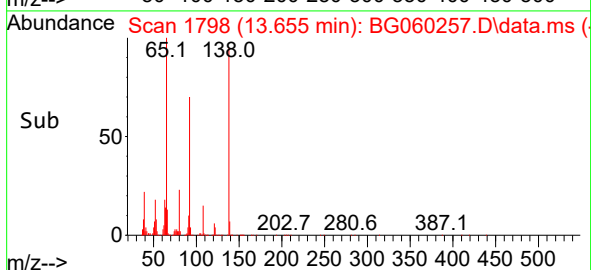
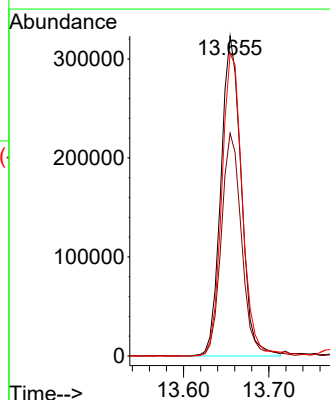
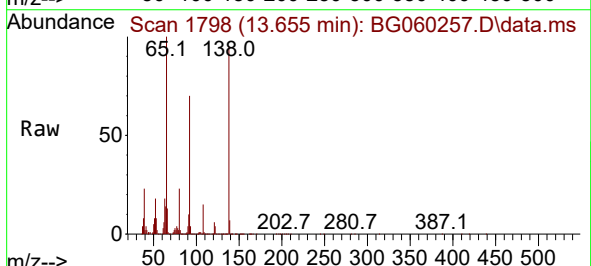
Tgt Ion: 65 Resp: 533574

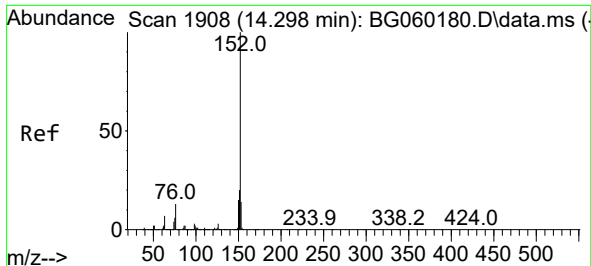
Ion Ratio Lower Upper

65 100

92 69.6 52.9 79.3

138 94.5 76.4 114.6

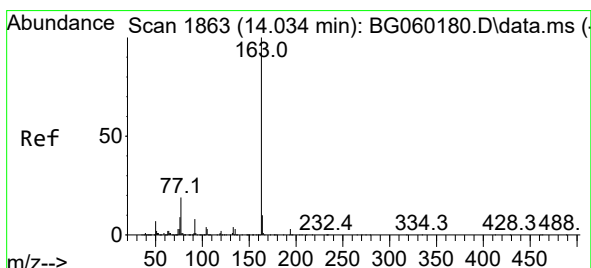
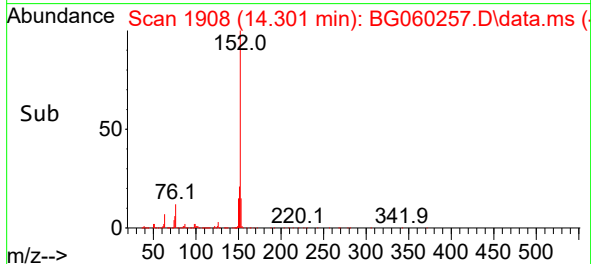
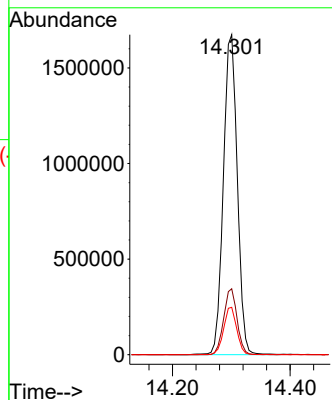
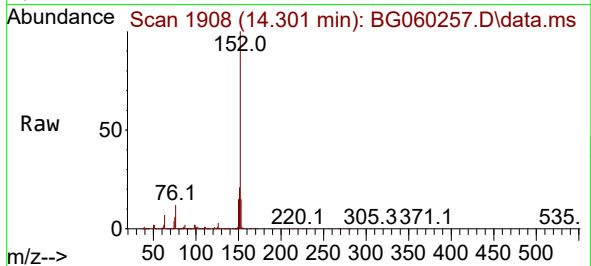




#49
Acenaphthylene
Concen: 47.719 ng
RT: 14.301 min Scan# 1908
Delta R.T. 0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

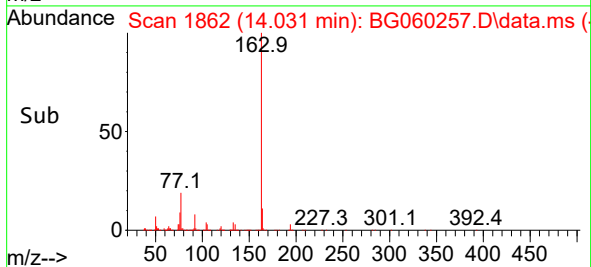
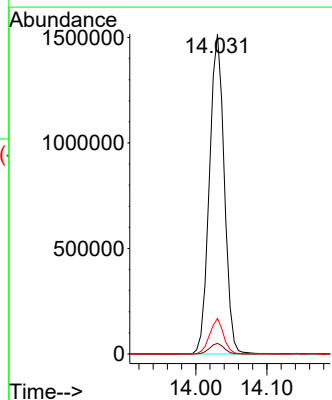
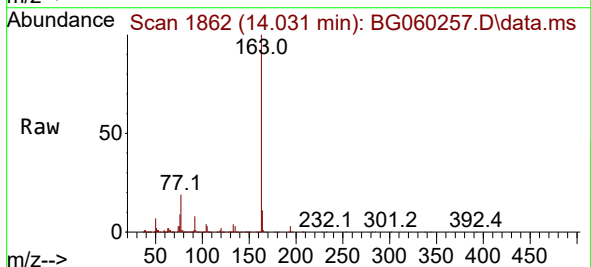
Instrument :
BNA_G
ClientSampleId :
PB158206BS

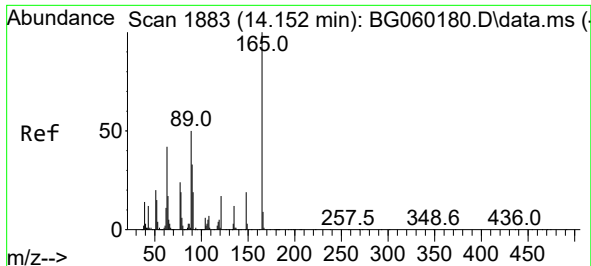
Tgt Ion:152 Resp: 2740884
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 14.8 11.0 16.6



#50
Dimethylphthalate
Concen: 44.849 ng
RT: 14.031 min Scan# 1862
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:163 Resp: 2202164
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.1 8.3 12.5

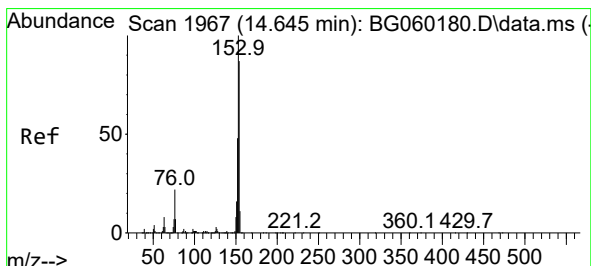
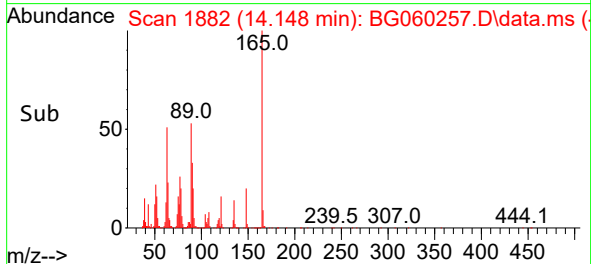
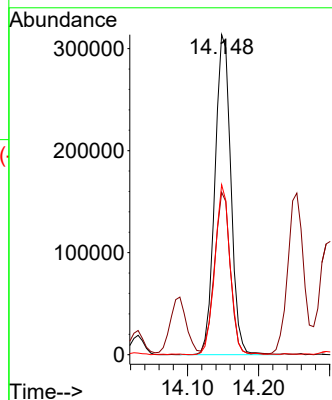
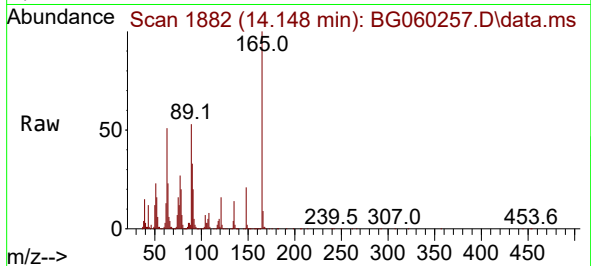




#51
2,6-Dinitrotoluene
Concen: 47.921 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

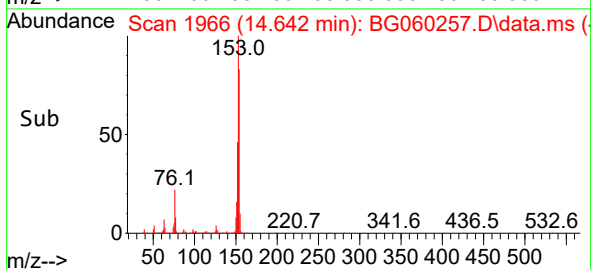
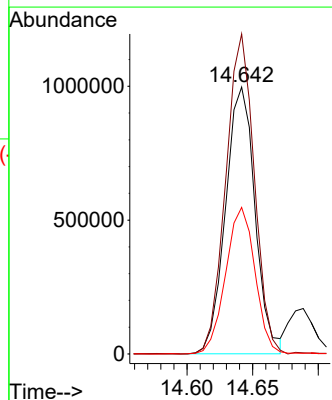
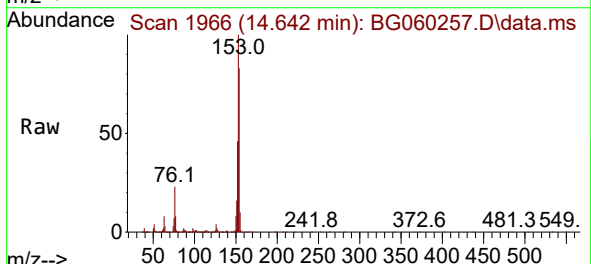
Instrument :
BNA_G
ClientSampleId :
PB158206BS

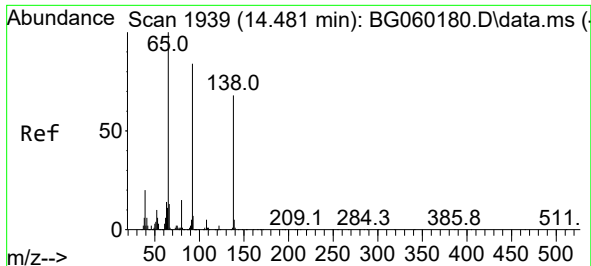
Tgt Ion:165 Resp: 489414
Ion Ratio Lower Upper
165 100
63 50.8 39.3 58.9
89 53.1 39.8 59.8



#52
Acenaphthene
Concen: 43.670 ng
RT: 14.642 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:154 Resp: 1565234
Ion Ratio Lower Upper
154 100
153 119.9 91.5 137.3
152 54.9 43.8 65.8

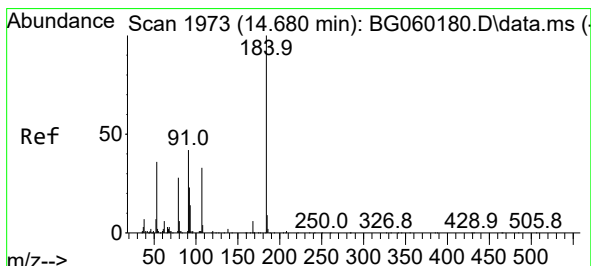
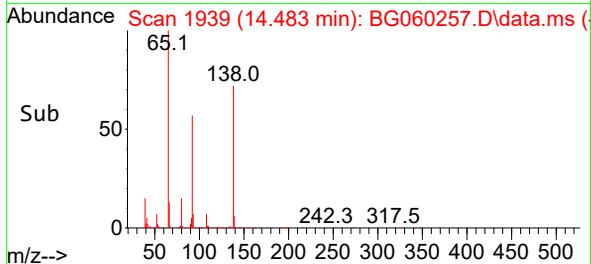
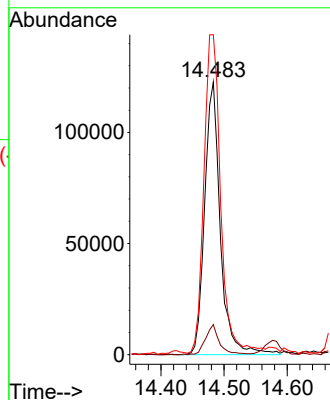
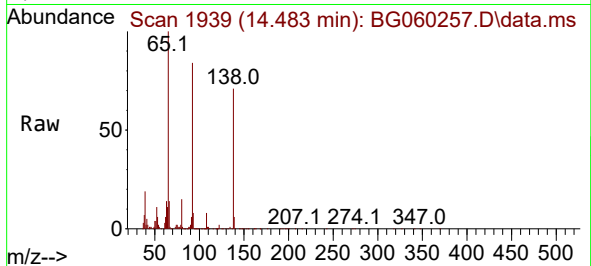




#53
3-Nitroaniline
Concen: 21.987 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

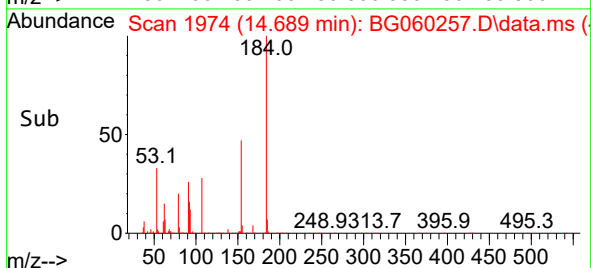
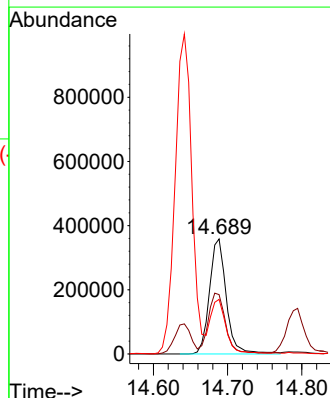
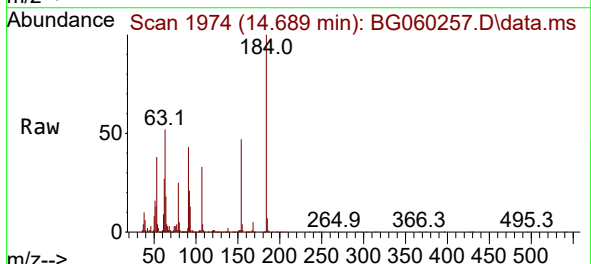
Instrument :
BNA_G
ClientSampleId :
PB158206BS

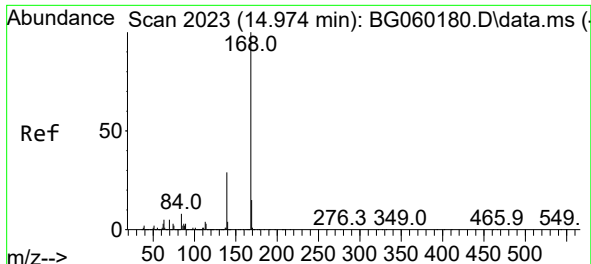
Tgt Ion:138 Resp: 211589
Ion Ratio Lower Upper
138 100
108 11.0 6.2 9.4#
92 117.3 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 93.760 ng
RT: 14.689 min Scan# 1974
Delta R.T. 0.009 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:184 Resp: 567018
Ion Ratio Lower Upper
184 100
63 51.6 45.4 68.2
154 47.4 40.0 60.0

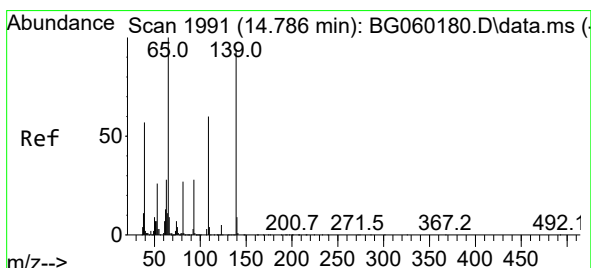
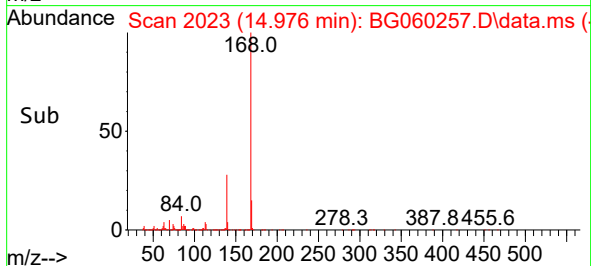
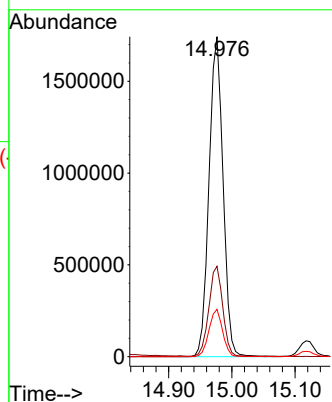
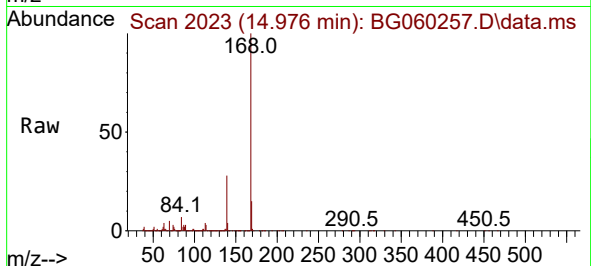




#55
Dibenzofuran
Concen: 44.727 ng
RT: 14.976 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

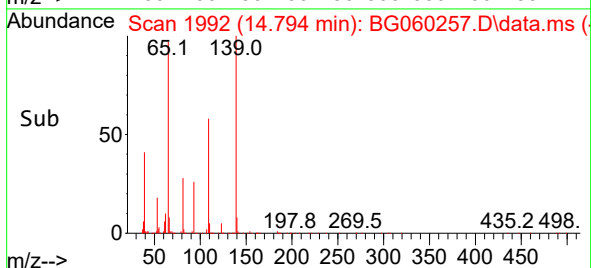
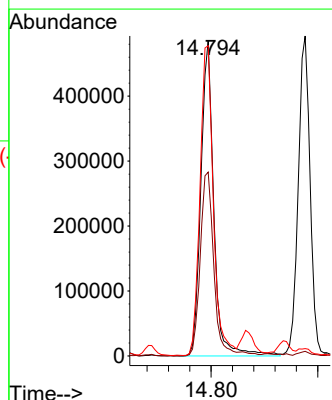
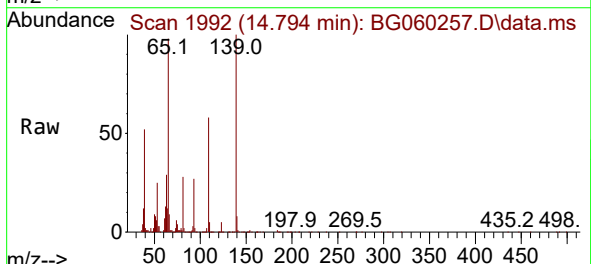
Instrument :
BNA_G
ClientSampleId :
PB158206BS

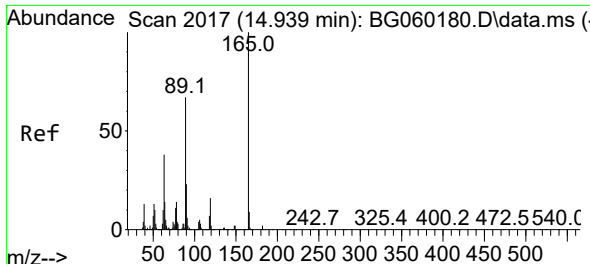
Tgt Ion:168 Resp: 2685345
Ion Ratio Lower Upper
168 100
139 28.3 23.1 34.7
169 14.8 11.9 17.9



#56
4-Nitrophenol
Concen: 112.315 ng
RT: 14.794 min Scan# 1992
Delta R.T. 0.008 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:139 Resp: 816990
Ion Ratio Lower Upper
139 100
109 58.2 44.4 84.4
65 98.3 87.4 127.4

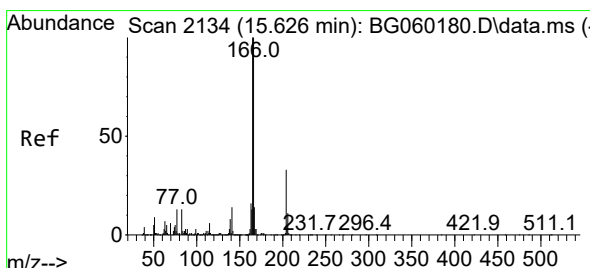
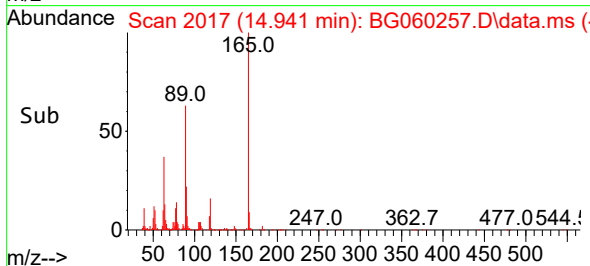
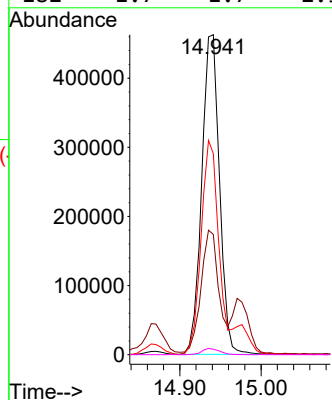
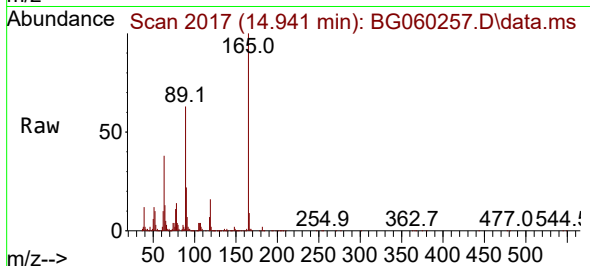




#57
2,4-Dinitrotoluene
Concen: 50.664 ng
RT: 14.941 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

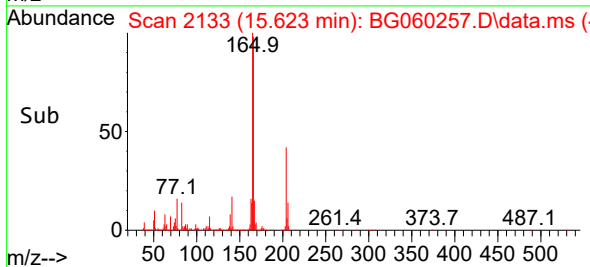
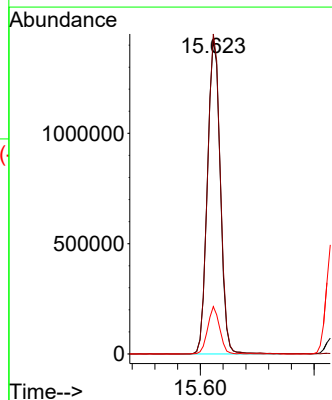
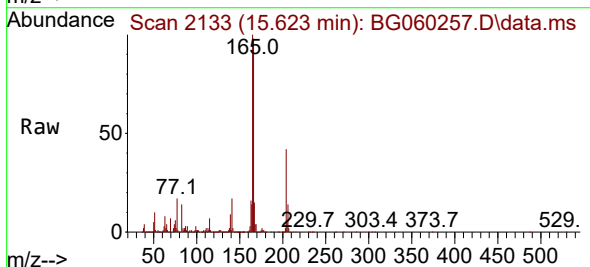
Instrument :
BNA_G
ClientSampleId :
PB158206BS

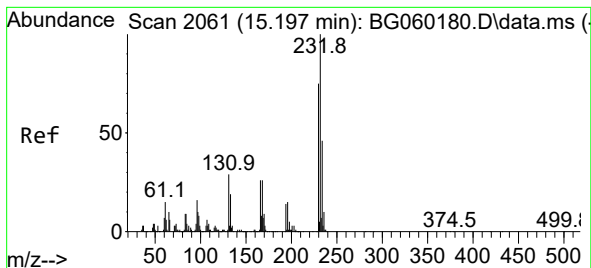
Tgt Ion:165 Resp: 703581
Ion Ratio Lower Upper
165 100
63 37.6 31.0 46.6
89 62.8 53.3 79.9
182 1.7 1.7 2.5



#58
Fluorene
Concen: 45.224 ng
RT: 15.623 min Scan# 2133
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:166 Resp: 2226919
Ion Ratio Lower Upper
166 100
165 101.5 80.4 120.6
167 15.0 11.3 16.9

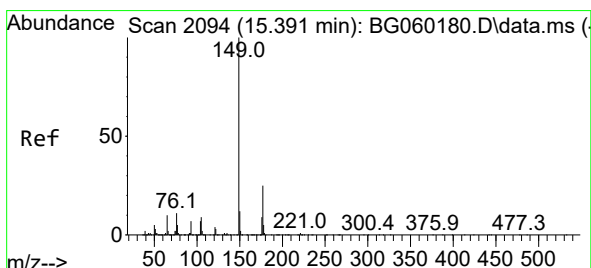
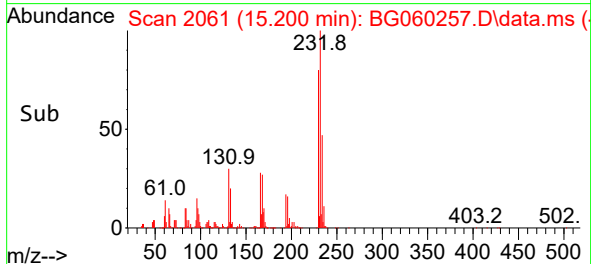
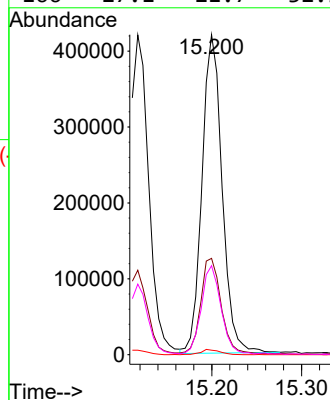
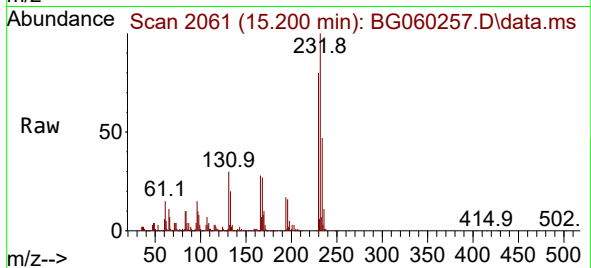




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.018 ng
RT: 15.200 min Scan# 2061
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

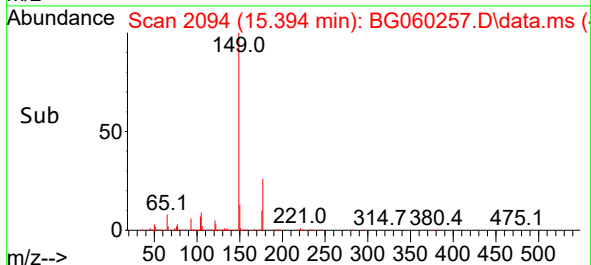
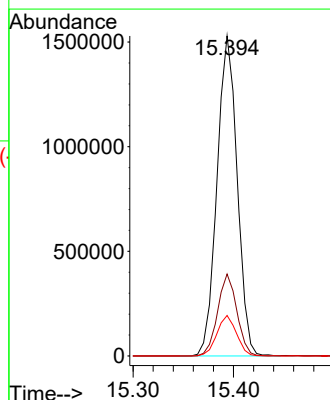
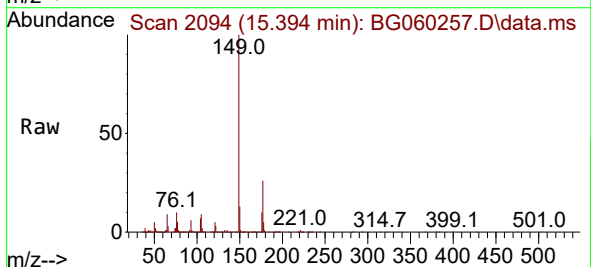
Instrument :
BNA_G
ClientSampleId :
PB158206BS

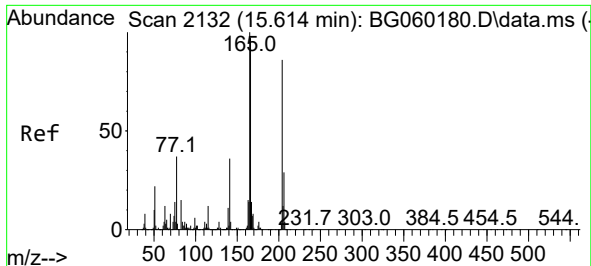
Tgt Ion:232 Resp: 652879
Ion Ratio Lower Upper
232 100
131 30.3 23.8 35.6
130 1.6 1.2 1.8
166 27.1 21.7 32.5



#60
Diethylphthalate
Concen: 45.551 ng
RT: 15.394 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:149 Resp: 2132910
Ion Ratio Lower Upper
149 100
177 25.6 20.2 30.2
150 12.6 9.6 14.4

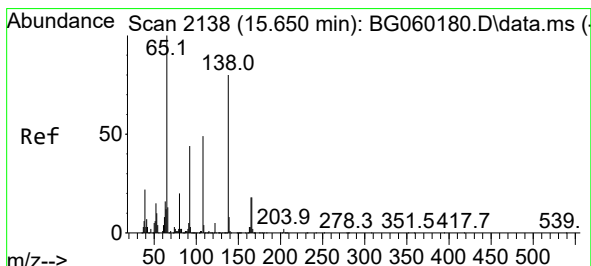
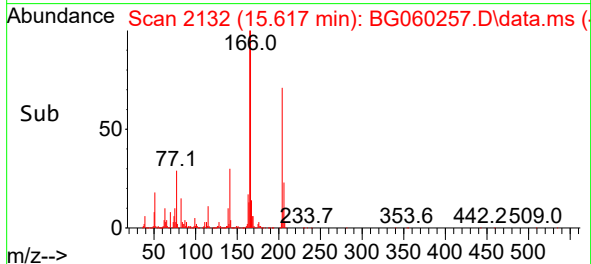
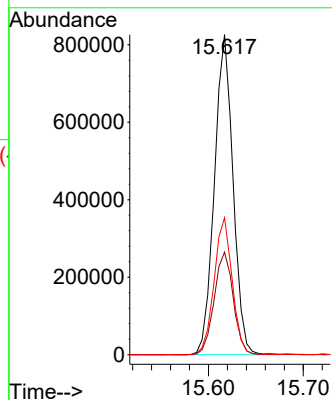
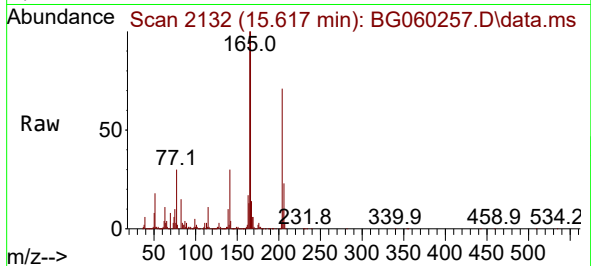




#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

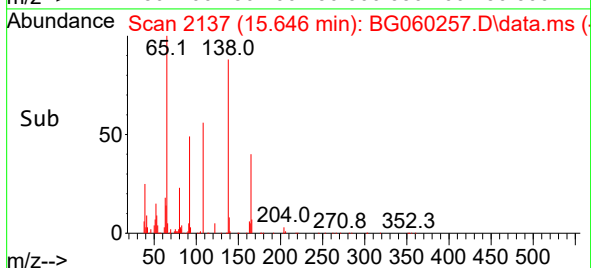
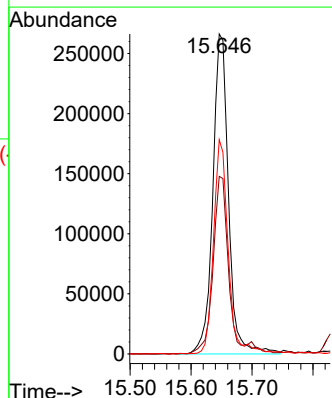
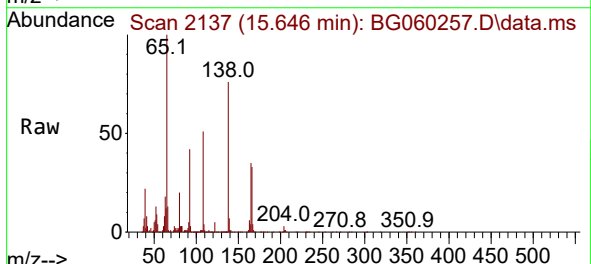
Instrument :
BNA_G
ClientSampleId :
PB158206BS

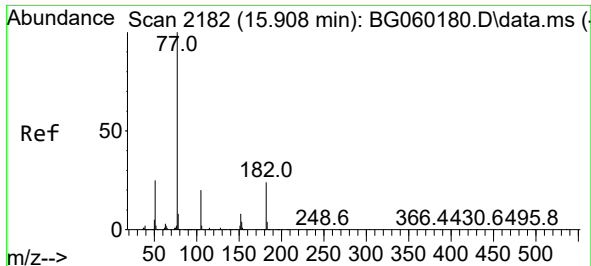
Tgt Ion:204 Resp: 1125497
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 42.8 33.2 49.8



#62
4-Nitroaniline
Concen: 47.145 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:138 Resp: 478179
Ion Ratio Lower Upper
138 100
92 55.5 35.1 75.1
108 67.0 40.9 80.9

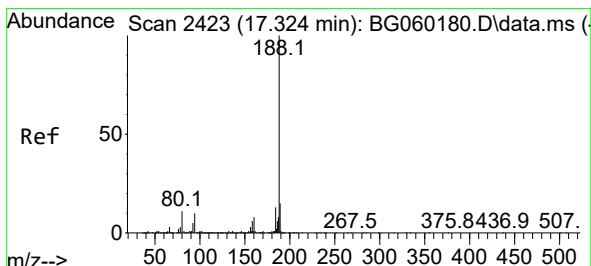
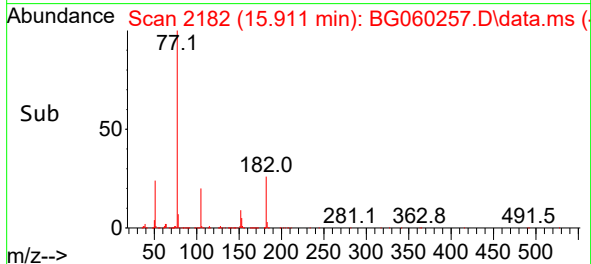
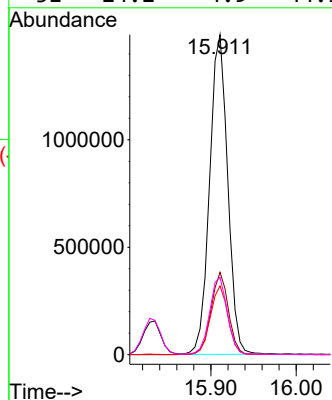
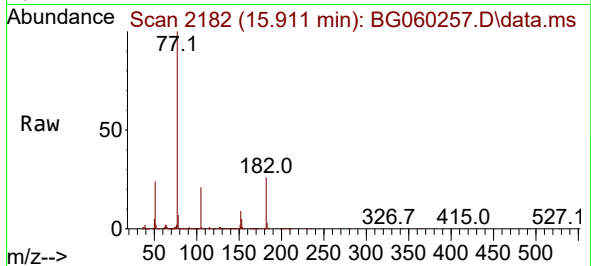




#63
Azobenzene
Concen: 45.105 ng
RT: 15.911 min Scan# 2182
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

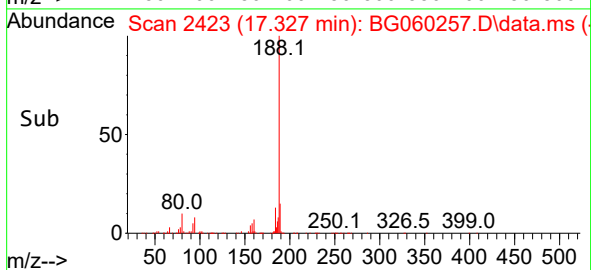
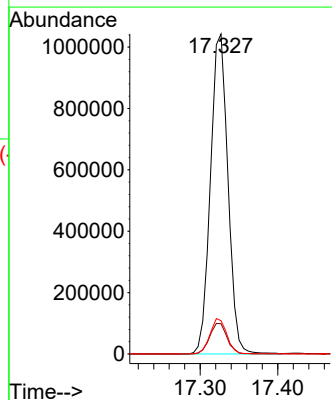
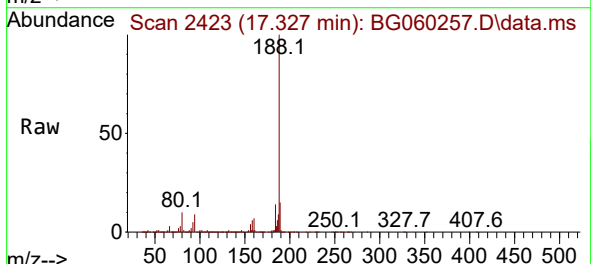
Instrument :
BNA_G
ClientSampleId :
PB158206BS

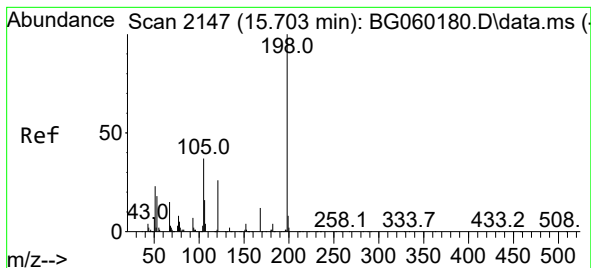
Tgt Ion: 77 Resp: 2189656
Ion Ratio Lower Upper
77 100
182 25.8 4.3 44.3
105 21.5 0.3 40.3
51 24.2 4.9 44.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:188 Resp: 1633768
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.6 13.0

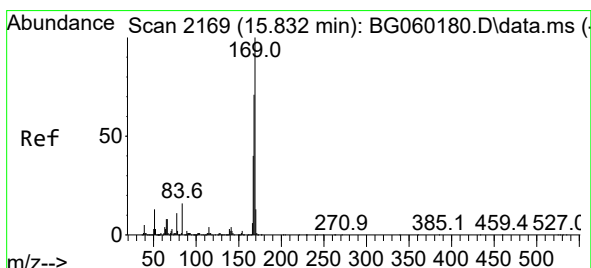
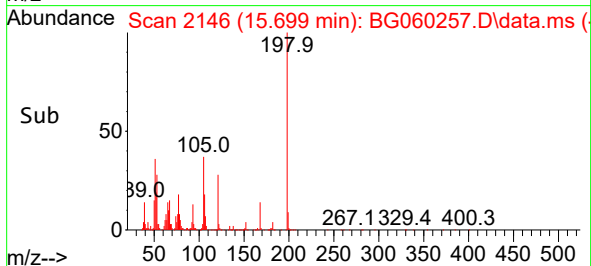
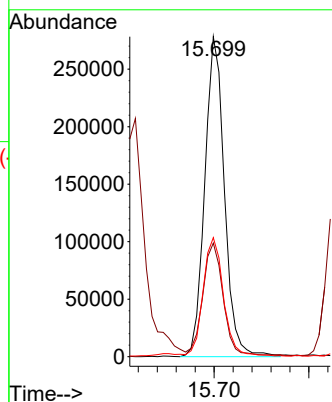
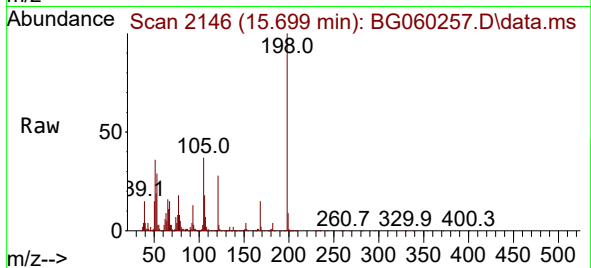




#65
4,6-Dinitro-2-methylphenol
Concen: 48.999 ng
RT: 15.699 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

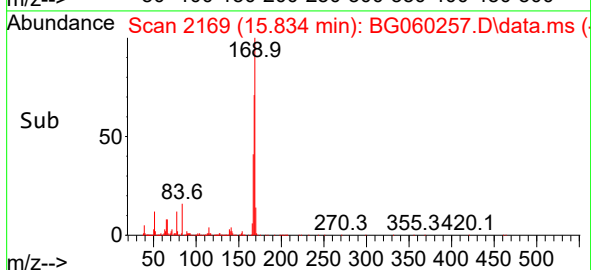
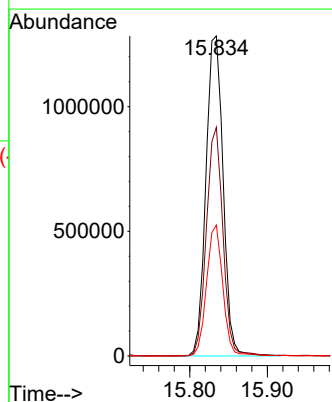
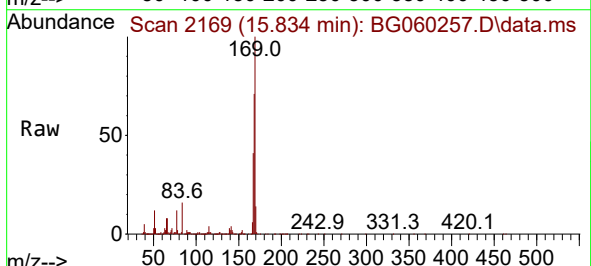
Instrument :
BNA_G
ClientSampleId :
PB158206BS

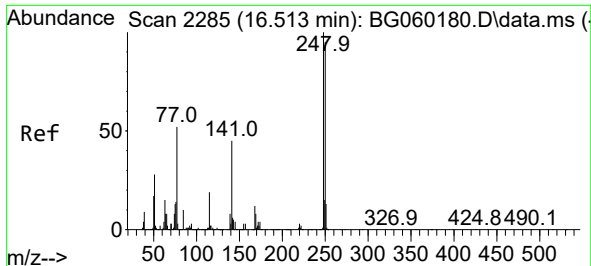
Tgt Ion:198 Resp: 400564
Ion Ratio Lower Upper
198 100
51 35.5 14.8 54.8
105 37.2 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 44.811 ng
RT: 15.834 min Scan# 2169
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:169 Resp: 1972793
Ion Ratio Lower Upper
169 100
168 71.5 56.6 84.8
167 40.9 32.1 48.1

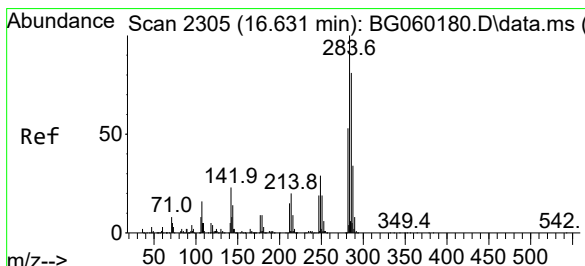
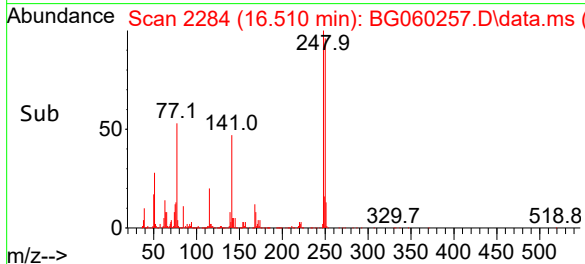
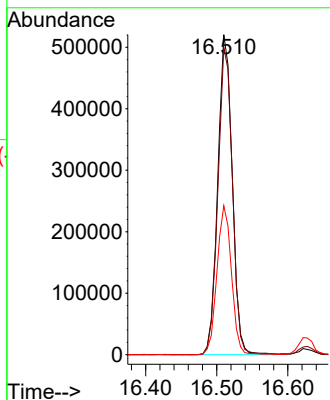
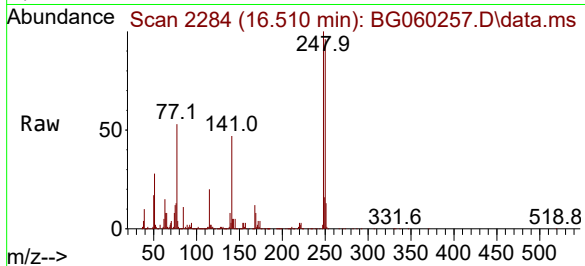




#67
4-Bromophenyl-phenylether
Concen: 42.345 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

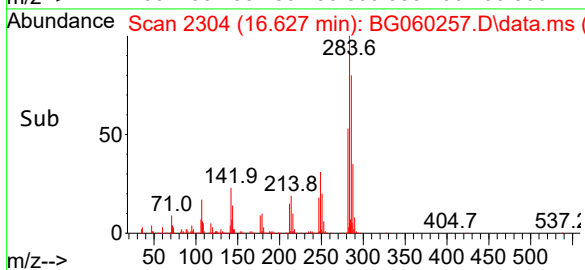
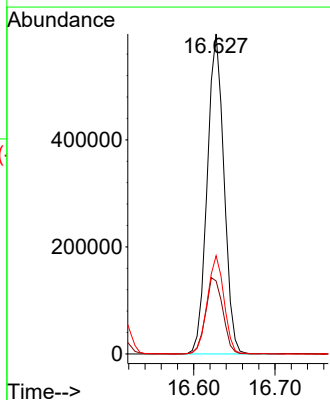
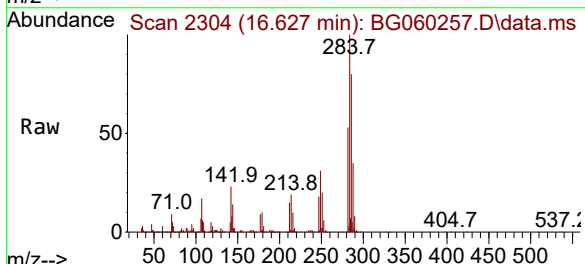
Instrument :
BNA_G
ClientSampleId :
PB158206BS

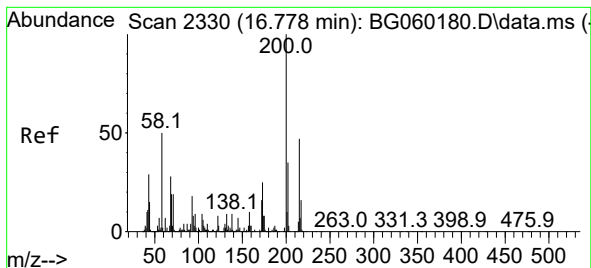
Tgt Ion:248 Resp: 733468
Ion Ratio Lower Upper
248 100
250 96.0 76.2 114.4
141 46.6 36.0 54.0



#68
Hexachlorobenzene
Concen: 42.042 ng
RT: 16.627 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:284 Resp: 853823
Ion Ratio Lower Upper
284 100
142 22.8 18.7 28.1
249 30.7 23.5 35.3





#69

Atrazine

Concen: 48.741 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

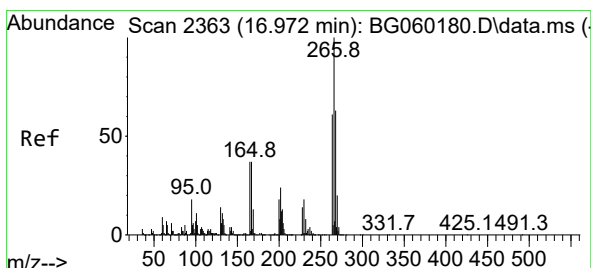
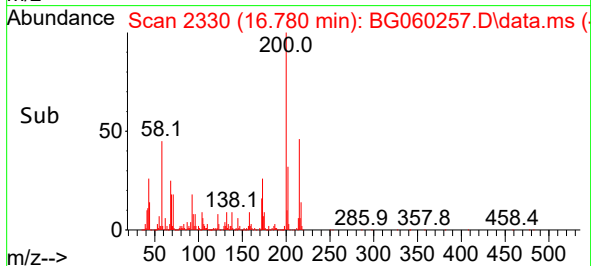
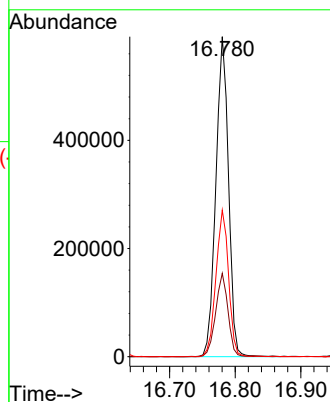
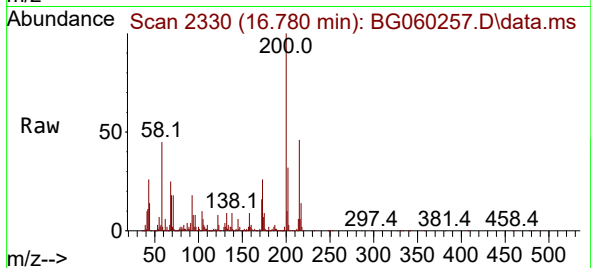
Tgt Ion:200 Resp: 788668

Ion Ratio Lower Upper

200 100

173 26.0 5.2 45.2

215 45.8 26.9 66.9



#70

Pentachlorophenol

Concen: 94.617 ng

RT: 16.974 min Scan# 2363

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

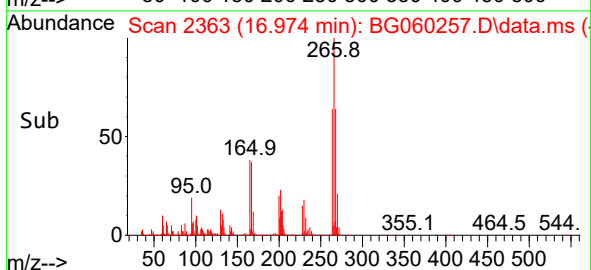
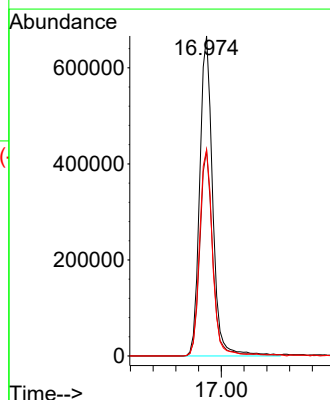
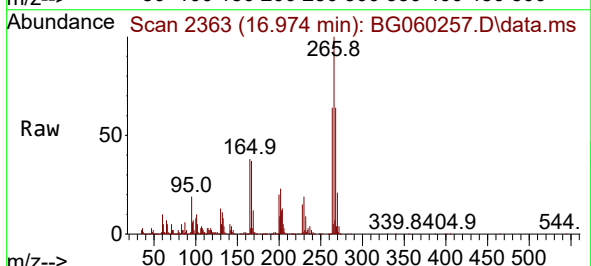
Tgt Ion:266 Resp: 1055611

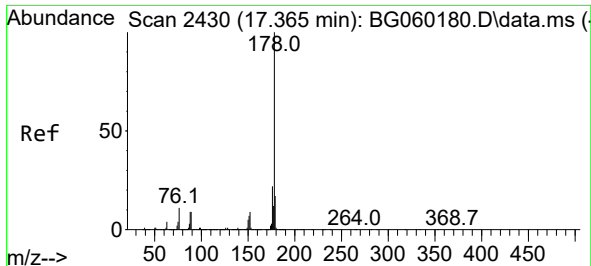
Ion Ratio Lower Upper

266 100

268 64.3 50.4 75.6

264 64.5 52.6 79.0

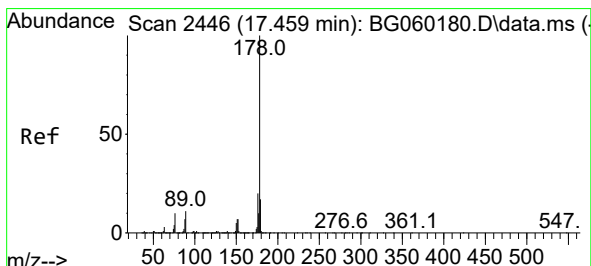
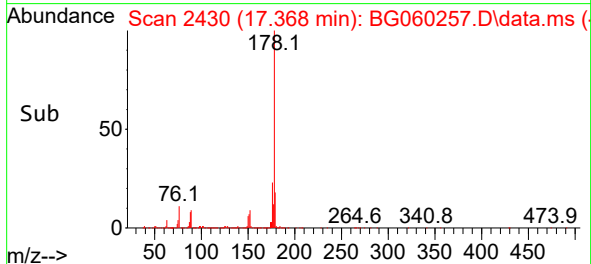
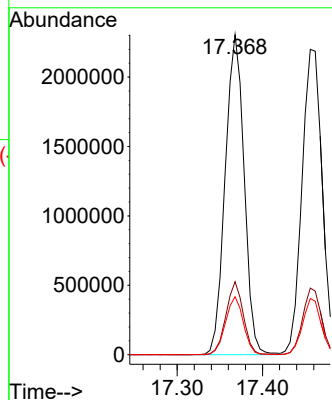
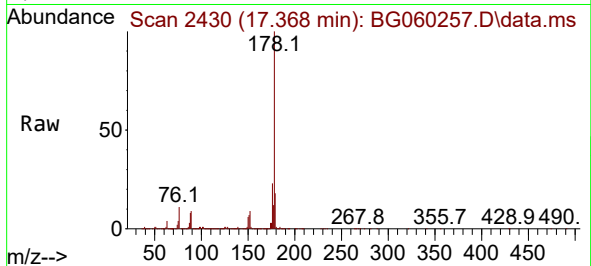




#71
Phenanthrene
Concen: 44.060 ng
RT: 17.368 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

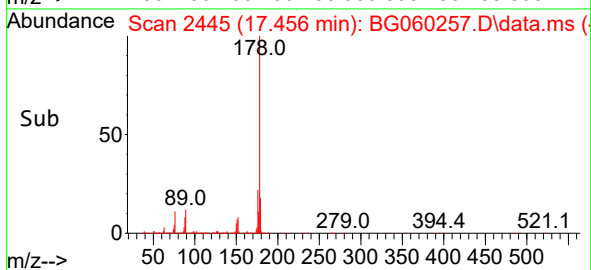
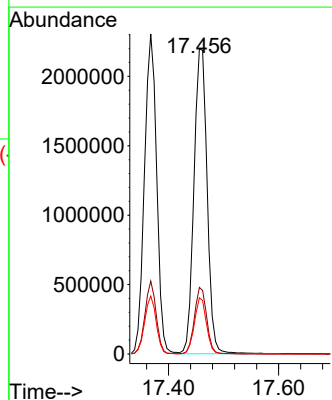
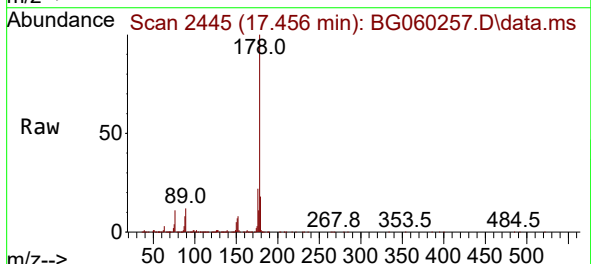
Instrument :
BNA_G
ClientSampleId :
PB158206BS

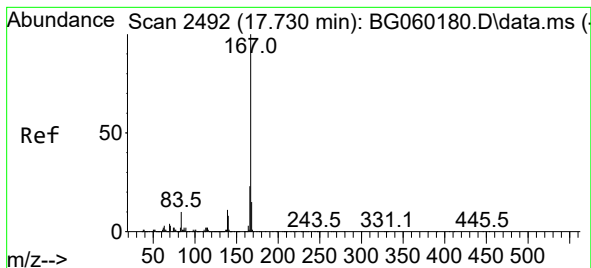
Tgt Ion:178 Resp: 3558101
Ion Ratio Lower Upper
178 100
176 22.8 17.5 26.3
179 18.1 13.8 20.8



#72
Anthracene
Concen: 45.553 ng
RT: 17.456 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:178 Resp: 3653999
Ion Ratio Lower Upper
178 100
176 21.8 16.2 24.2
179 18.4 14.0 21.0





#73

Carbazole

Concen: 43.901 ng

RT: 17.726 min Scan# 2491

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

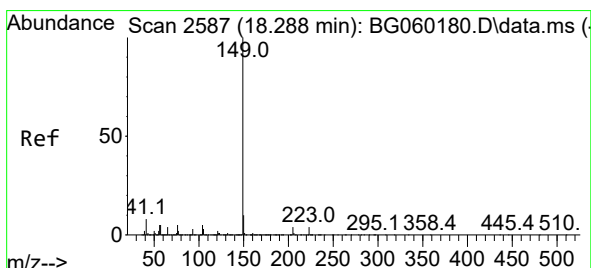
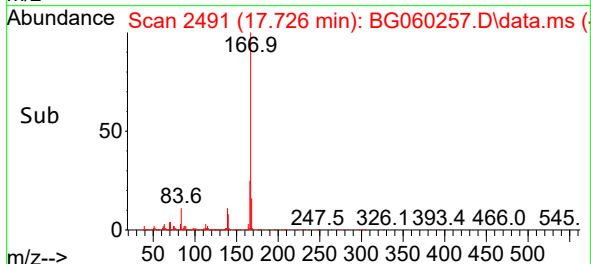
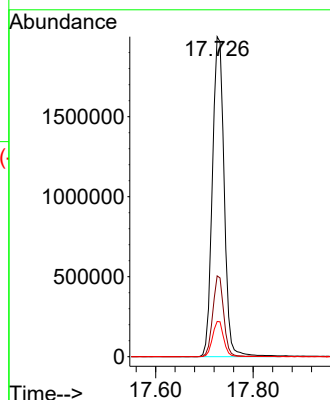
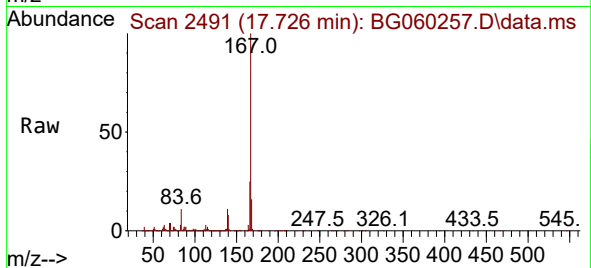
Tgt Ion:167 Resp: 3340048

Ion Ratio Lower Upper

167 100

166 25.3 18.8 28.2

139 11.0 8.8 13.2



#74

Di-n-butylphthalate

Concen: 46.634 ng

RT: 18.284 min Scan# 2586

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

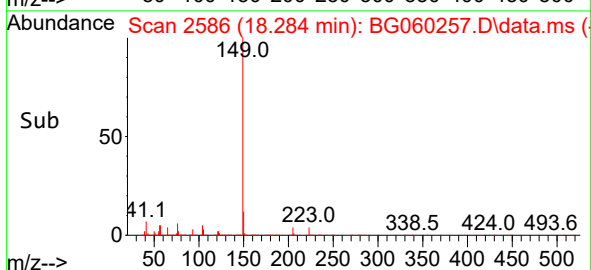
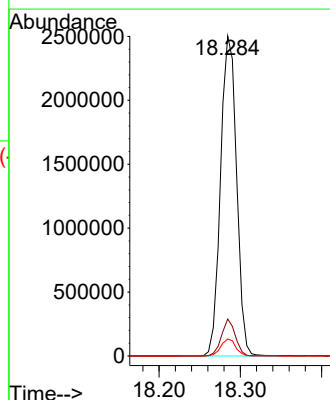
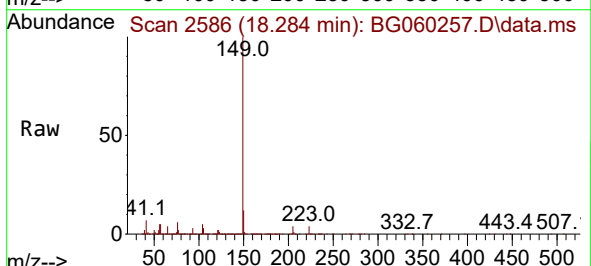
Tgt Ion:149 Resp: 3438235

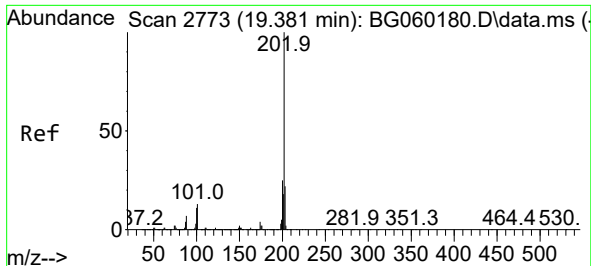
Ion Ratio Lower Upper

149 100

150 11.5 8.3 12.5

104 5.3 4.2 6.4

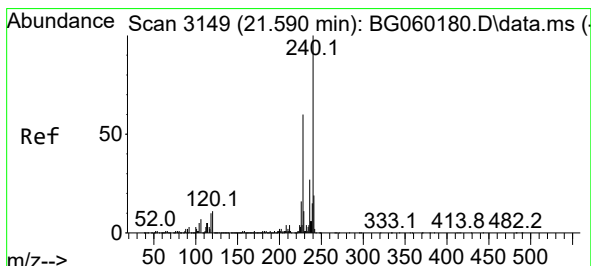
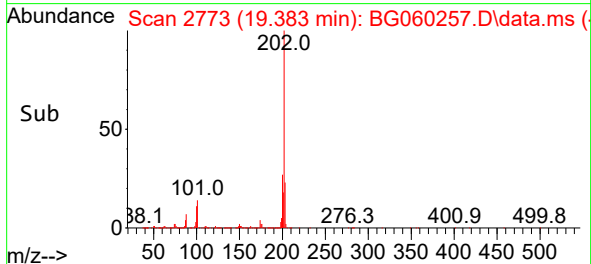
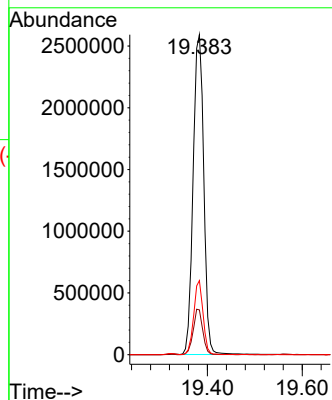
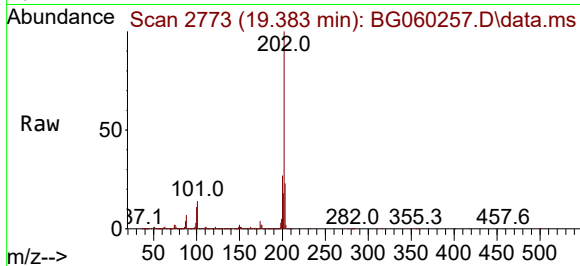




#75
Fluoranthene
Concen: 42.584 ng
RT: 19.383 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

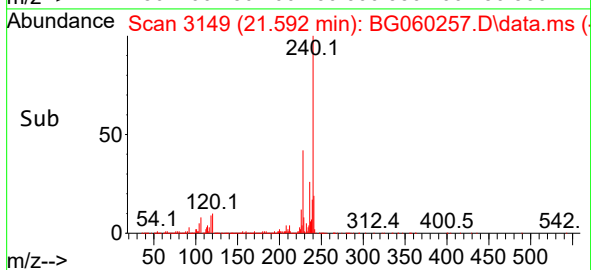
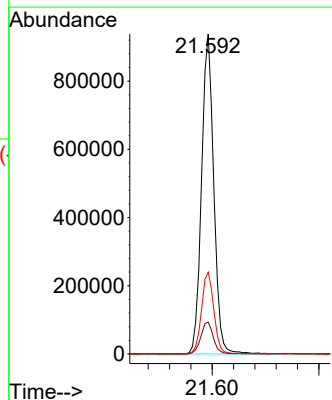
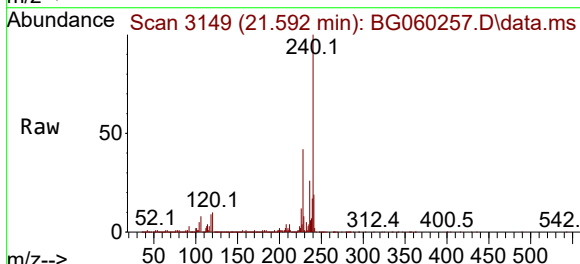
Instrument :
BNA_G
ClientSampleId :
PB158206BS

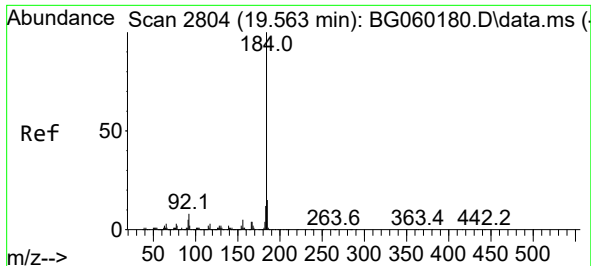
Tgt Ion:202 Resp: 4033756
Ion Ratio Lower Upper
202 100
101 14.0 0.0 32.8
203 23.2 2.0 42.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:240 Resp: 1490484
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.5 21.4 32.2

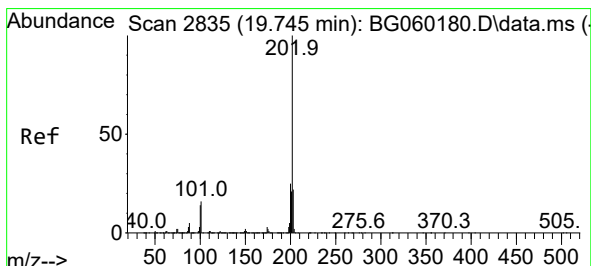
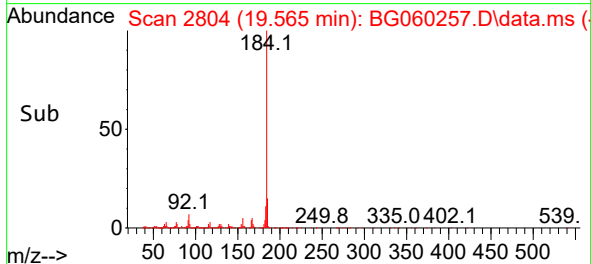
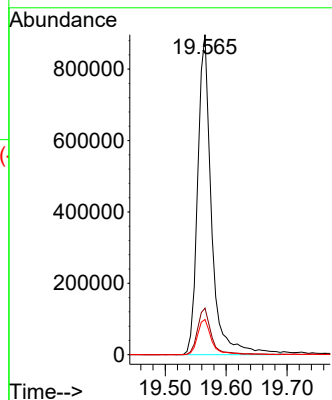
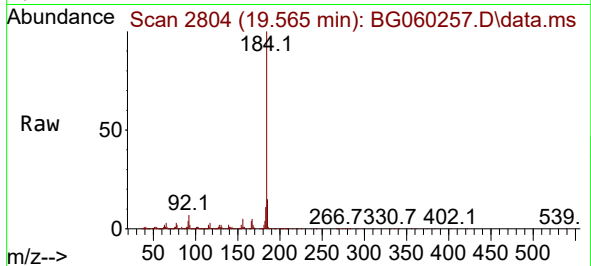




#77
Benzidine
Concen: 34.229 ng
RT: 19.565 min Scan# 2804
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

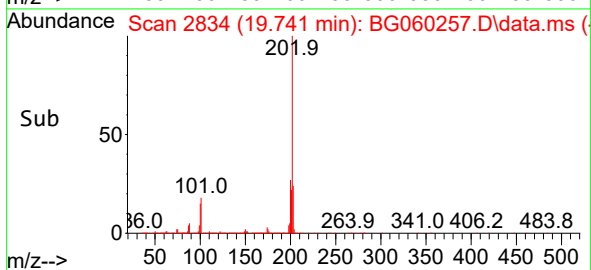
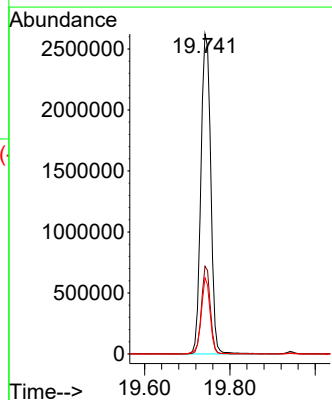
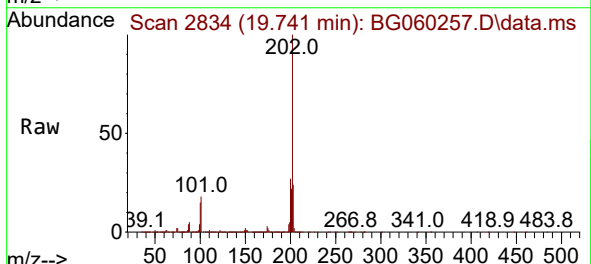
Instrument :
BNA_G
ClientSampleId :
PB158206BS

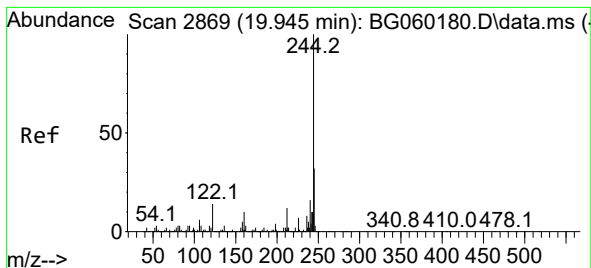
Tgt Ion:184 Resp: 1411996
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.0 9.4 14.2



#78
Pyrene
Concen: 41.844 ng
RT: 19.741 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:202 Resp: 4192443
Ion Ratio Lower Upper
202 100
200 27.4 20.3 30.5
203 23.8 17.8 26.6





#79

Terphenyl-d14

Concen: 68.339 ng

RT: 19.941 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

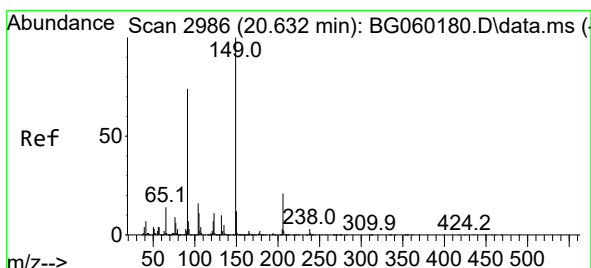
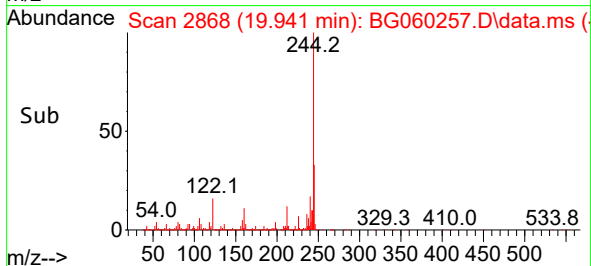
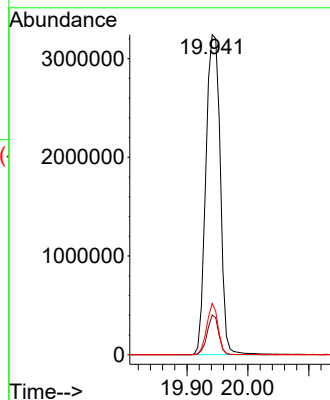
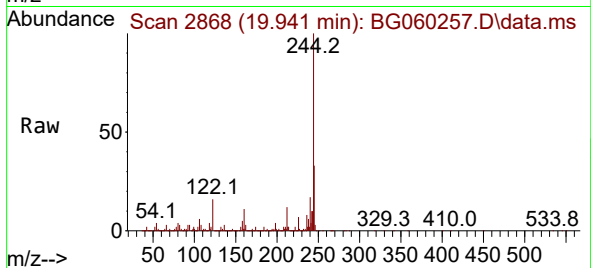
Tgt Ion:244 Resp: 5298237

Ion Ratio Lower Upper

244 100

212 12.4 9.5 14.3

122 16.0 11.4 17.2



#80

Butylbenzylphthalate

Concen: 54.596 ng

RT: 20.635 min Scan# 2986

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

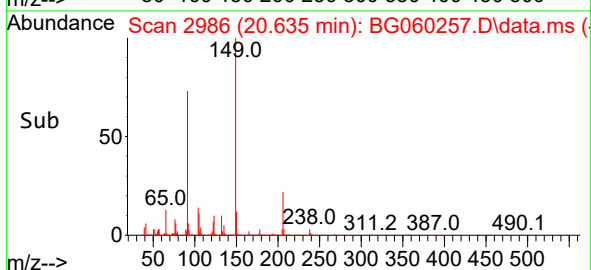
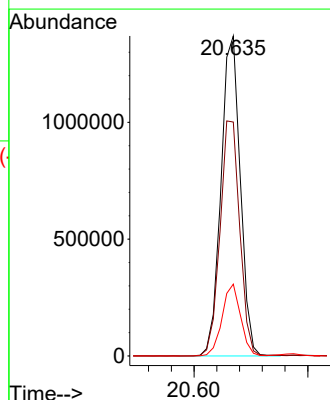
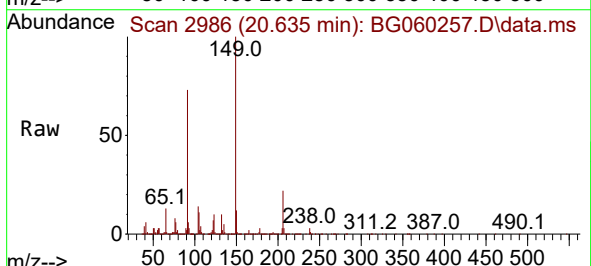
Tgt Ion:149 Resp: 1612927

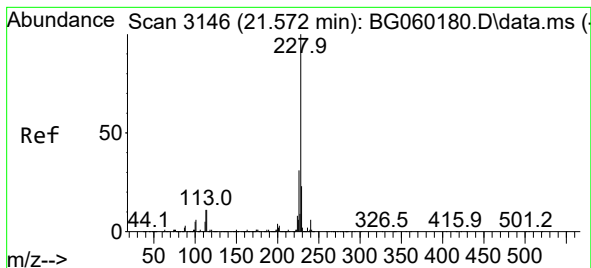
Ion Ratio Lower Upper

149 100

91 73.1 59.4 89.2

206 22.4 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.866 ng

RT: 21.569 min Scan# 3145

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

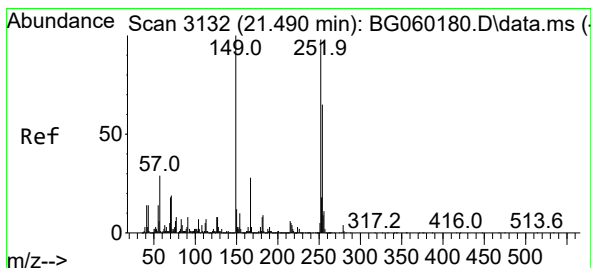
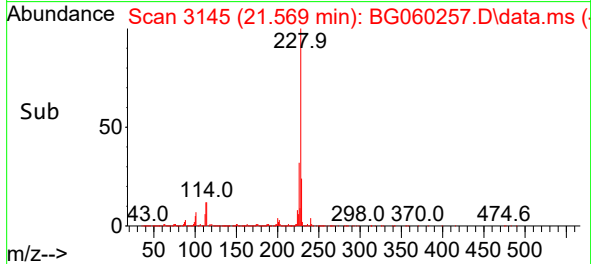
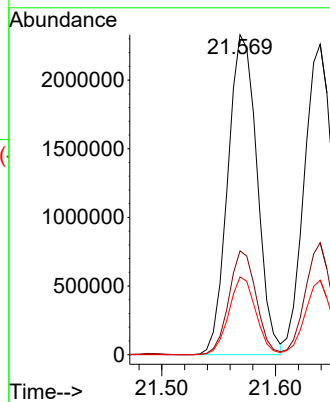
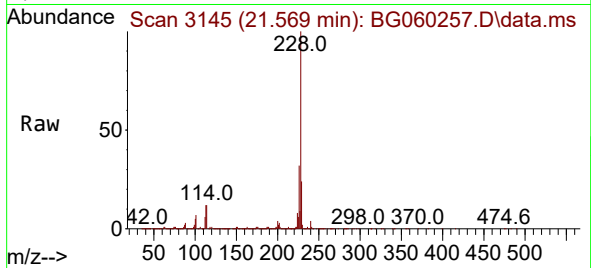
Tgt Ion:228 Resp: 4156954

Ion Ratio Lower Upper

228 100

226 32.5 24.6 36.8

229 24.3 18.4 27.6



#82

3,3'-Dichlorobenzidine

Concen: 27.011 ng

RT: 21.492 min Scan# 3132

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

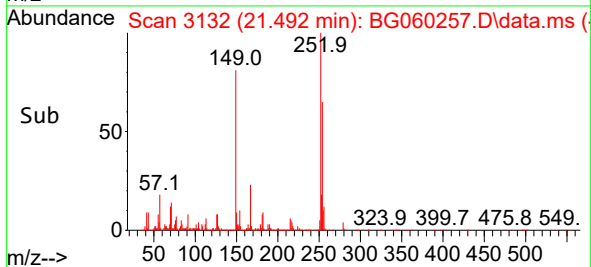
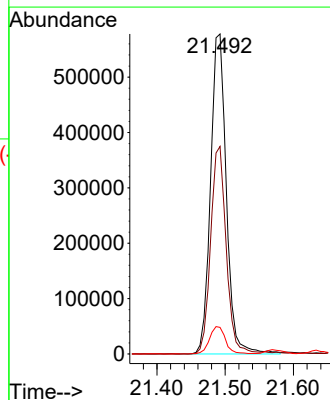
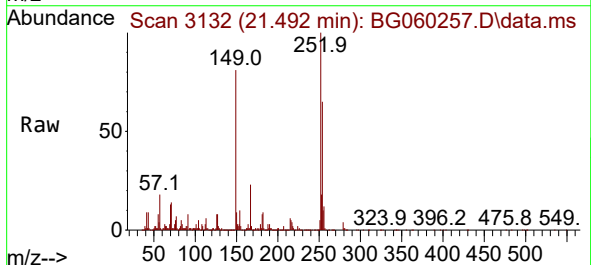
Tgt Ion:252 Resp: 930834

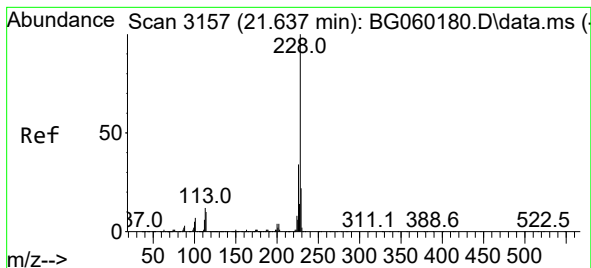
Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

126 8.3 6.9 10.3





#83

Chrysene

Concen: 43.472 ng

RT: 21.639 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

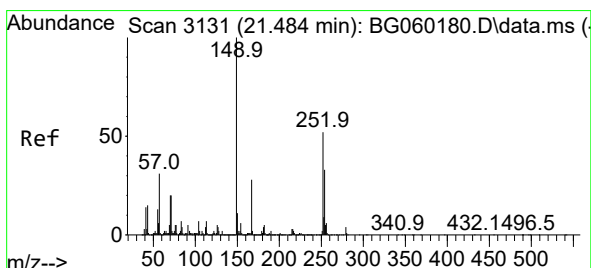
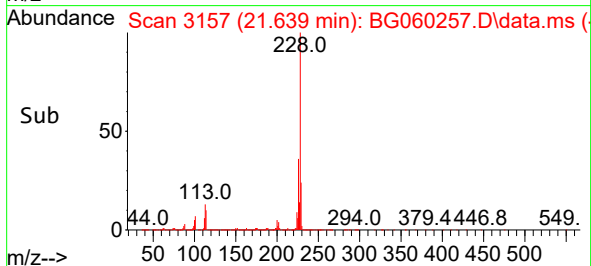
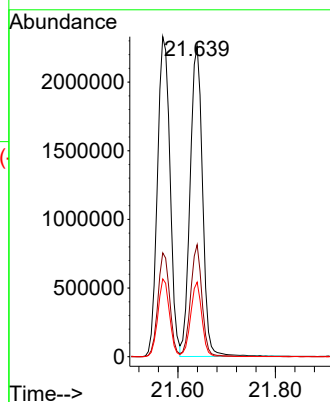
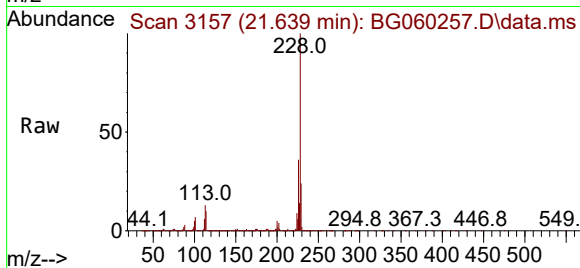
Tgt Ion:228 Resp: 4002297

Ion Ratio Lower Upper

228 100

226 36.1 26.8 40.2

229 24.0 17.7 26.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.191 ng

RT: 21.481 min Scan# 3130

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

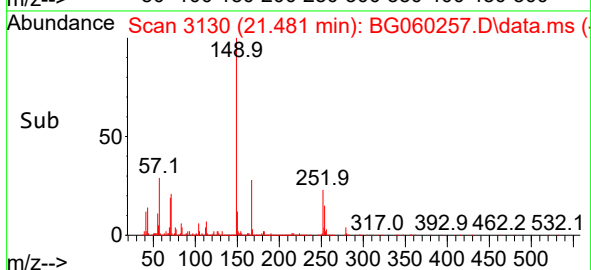
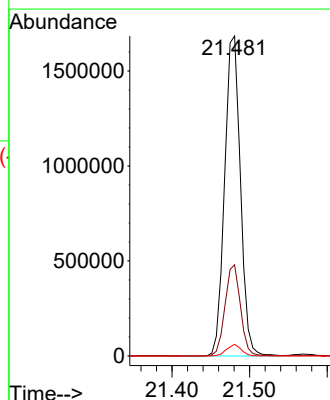
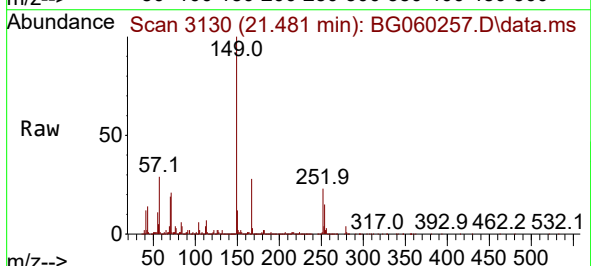
Tgt Ion:149 Resp: 2383040

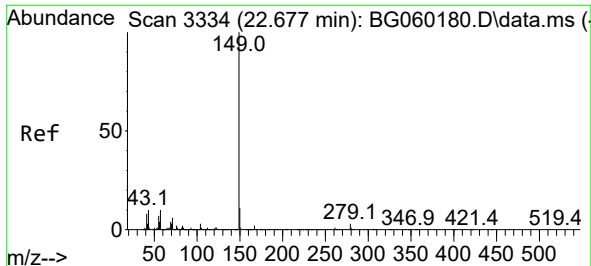
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

279 3.6 2.9 4.3

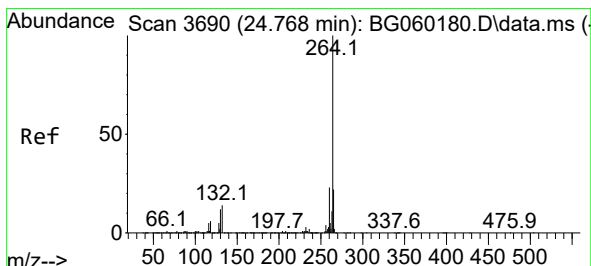
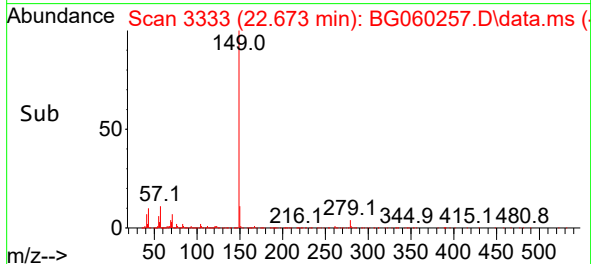
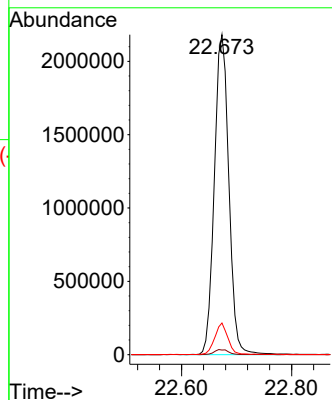
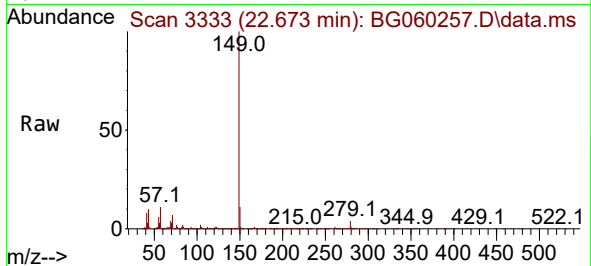




#85
Di-n-octyl phthalate
Concen: 54.470 ng
RT: 22.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

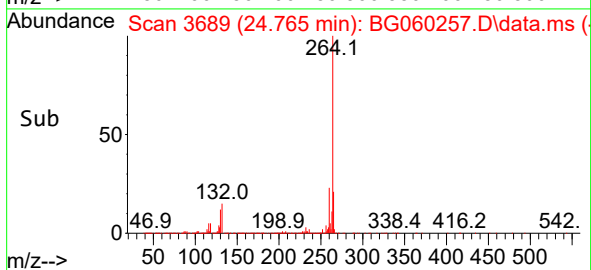
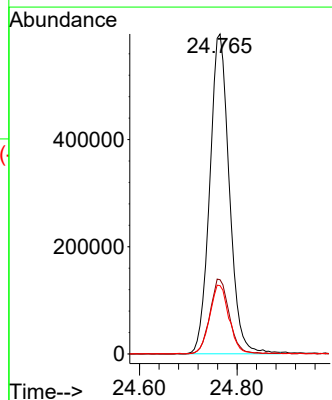
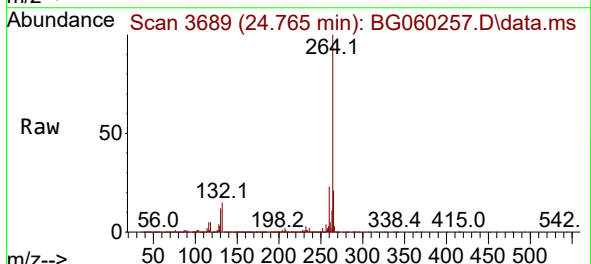
Instrument :
BNA_G
ClientSampleId :
PB158206BS

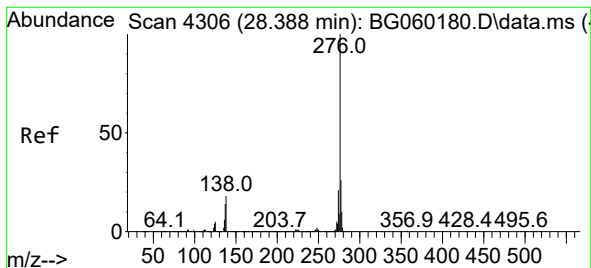
Tgt Ion:149 Resp: 3994622
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 3689
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:264 Resp: 1659303
Ion Ratio Lower Upper
264 100
260 23.2 18.0 27.0
265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.056 ng

RT: 28.390 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

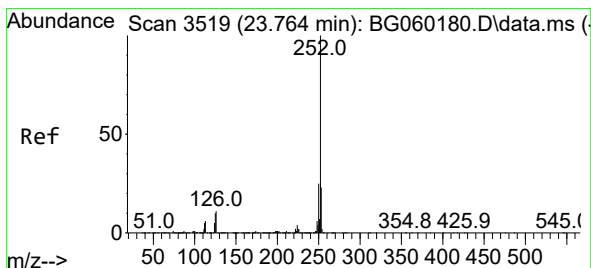
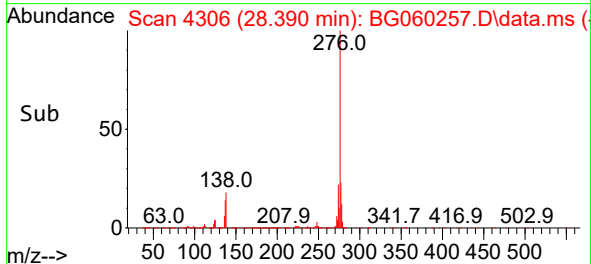
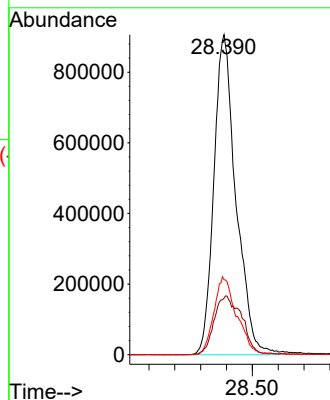
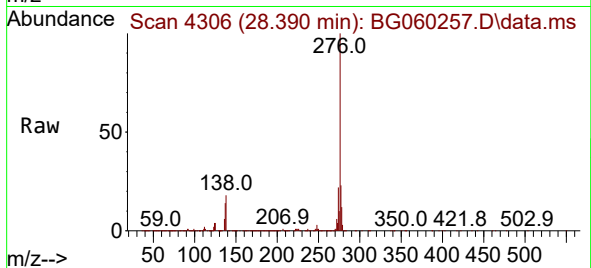
Tgt Ion:276 Resp: 5387832

Ion Ratio Lower Upper

276 100

138 22.7 18.0 27.0

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.041 ng

RT: 23.760 min Scan# 3518

Delta R.T. -0.003 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

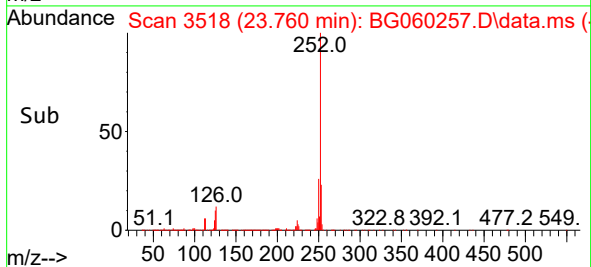
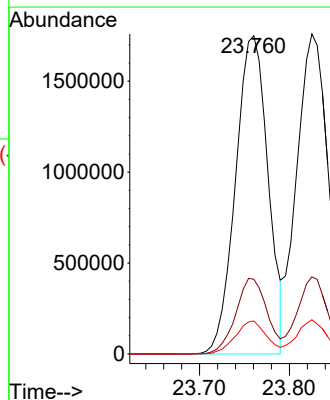
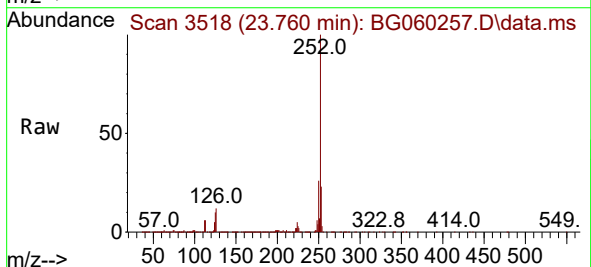
Tgt Ion:252 Resp: 4391573

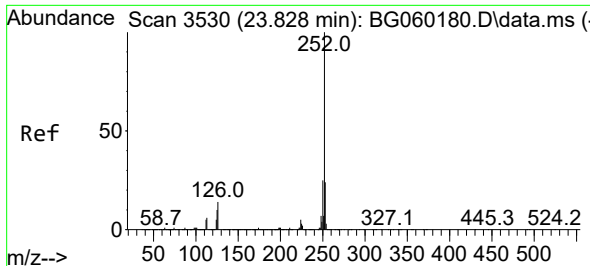
Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 10.4 8.0 12.0

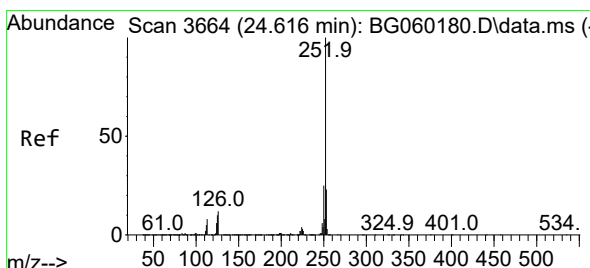
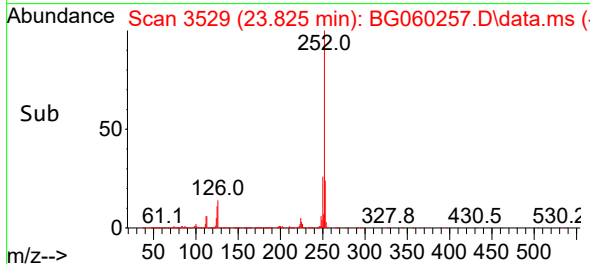
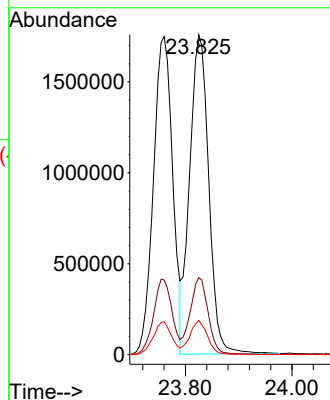
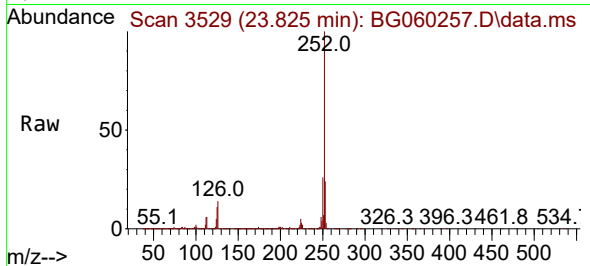




#89
Benzo(k)fluoranthene
Concen: 43.510 ng
RT: 23.825 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

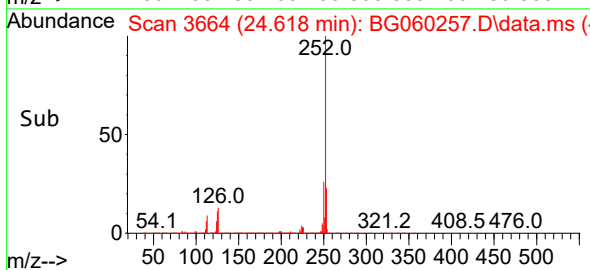
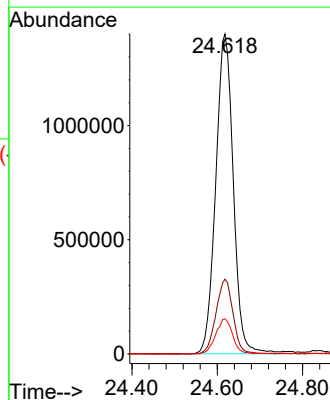
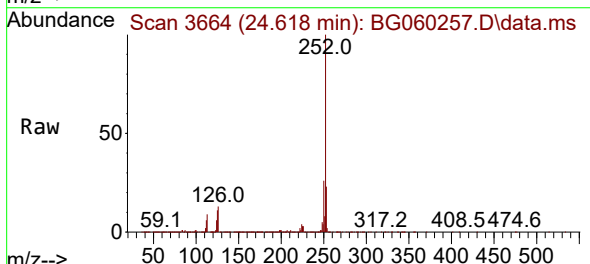
Instrument :
BNA_G
ClientSampleId :
PB158206BS

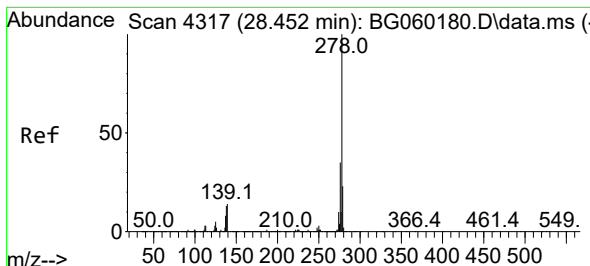
Tgt Ion:252 Resp: 4366711
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 44.363 ng
RT: 24.618 min Scan# 3664
Delta R.T. 0.002 min
Lab File: BG060257.D
Acq: 4 Jan 2024 23:44

Tgt Ion:252 Resp: 4002127
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 46.250 ng

RT: 28.455 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Instrument :

BNA_G

ClientSampleId :

PB158206BS

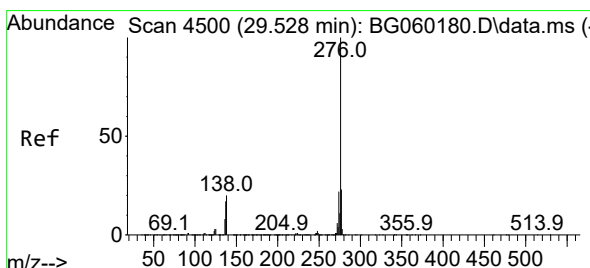
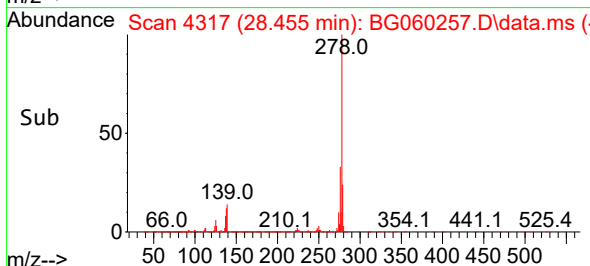
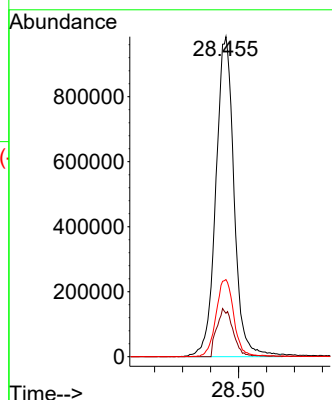
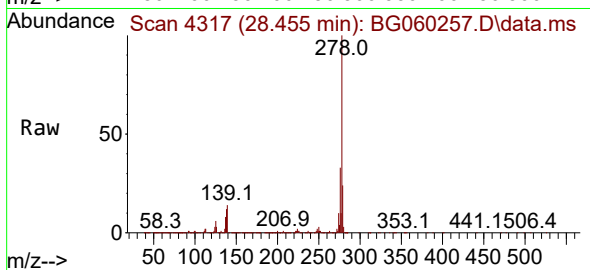
Tgt Ion:278 Resp: 4445598

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.4

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 44.050 ng

RT: 29.530 min Scan# 4500

Delta R.T. 0.002 min

Lab File: BG060257.D

Acq: 4 Jan 2024 23:44

Tgt Ion:276 Resp: 4288734

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.9 15.9 23.9

