

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
 Data File : BG061118.D
 Acq On : 6 May 2024 12:57
 Operator : MA/JU
 Sample : PB160699BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160699BS

Quant Time: May 06 13:46:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	19147	20.000	ng	-0.02
21) Naphthalene-d8	10.732	136	83134	20.000	ng	-0.03
39) Acenaphthene-d10	14.569	164	74929	20.000	ng	-0.02
64) Phenanthrene-d10	17.313	188	196538	20.000	ng	#-0.02
76) Chrysene-d12	21.572	240	196873	20.000	ng	-0.02
86) Perylene-d12	24.698	264	217809	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	146127	155.212	ng	-0.02
7) Phenol-d6	7.113	99	202009	145.045	ng	-0.02
23) Nitrobenzene-d5	9.093	82	138329	82.485	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	195301	130.401	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	409697	80.853	ng	-0.02
79) Terphenyl-d14	19.933	244	1004667	84.872	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.435	88	11893	31.242	ng	95
3) Pyridine	3.822	79	32921	29.390	ng	96
4) n-Nitrosodimethylamine	3.740	42	37917	35.232	ng	# 85
6) Aniline	7.260	93	47566	34.451	ng	# 92
8) 2-Chlorophenol	7.506	128	56557	48.966	ng	98
9) Benzaldehyde	7.072	77	25618	32.750	ng	94
10) Phenol	7.142	94	69465	49.046	ng	92
11) bis(2-Chloroethyl)ether	7.359	93	42794	43.737	ng	98
12) 1,3-Dichlorobenzene	7.830	146	57752	42.413	ng	94
13) 1,4-Dichlorobenzene	7.971	146	60062	42.679	ng	94
14) 1,2-Dichlorobenzene	8.288	146	58720	43.248	ng	97
15) Benzyl Alcohol	8.170	79	59616	47.452	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	96526	45.464	ng	98
17) 2-Methylphenol	8.388	107	46470	46.040	ng	96
18) Hexachloroethane	9.016	117	22016	43.843	ng	91
19) n-Nitroso-di-n-propyla...	8.740	70	42286	40.571	ng	# 87
20) 3+4-Methylphenols	8.711	107	68487	47.031	ng	96
22) Acetophenone	8.752	105	88090	42.548	ng	97
24) Nitrobenzene	9.134	77	67814	41.335	ng	97
25) Isophorone	9.657	82	123007	39.680	ng	97
26) 2-Nitrophenol	9.845	139	34409	44.268	ng	96
27) 2,4-Dimethylphenol	9.909	122	45355	50.611	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	63992	42.061	ng	# 98
29) 2,4-Dichlorophenol	10.385	162	66392	47.284	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	69701	41.198	ng	96
31) Naphthalene	10.785	128	182111	42.149	ng	99
32) Benzoic acid	10.062	122	33833	32.659	ng	90
33) 4-Chloroaniline	10.891	127	50623	29.378	ng	96
34) Hexachlorobutadiene	11.067	225	58583	40.356	ng	99
35) Caprolactam	11.666	113	14555	28.785	ng	90
36) 4-Chloro-3-methylphenol	12.025	107	74743	44.145	ng	95
37) 2-Methylnaphthalene	12.389	142	133193	41.138	ng	96
38) 1-Methylnaphthalene	12.606	142	128113	39.305	ng	95
40) 1,2,4,5-Tetrachloroben...	12.759	216	107906	43.152	ng	98
41) Hexachlorocyclopentadiene	12.741	237	114385	119.491	ng	96
43) 2,4,6-Trichlorophenol	13.000	196	69475	43.276	ng	95

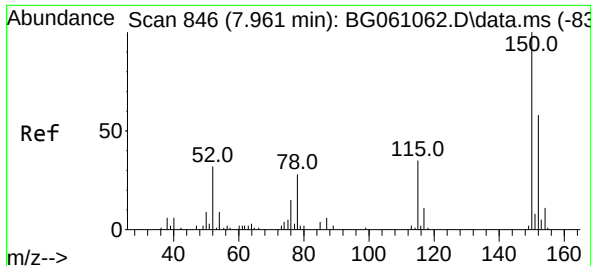
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	77295	42.541	ng	97
46) 1,1'-Biphenyl	13.399	154	203204	42.296	ng	98
47) 2-Chloronaphthalene	13.441	162	157438	40.924	ng	99
48) 2-Nitroaniline	13.646	65	64149	44.936	ng	96
49) Acenaphthylene	14.293	152	273279	46.251	ng	98
50) Dimethylphthalate	14.022	163	246939	42.668	ng	98
51) 2,6-Dinitrotoluene	14.140	165	52592	42.484	ng	97
52) Acenaphthene	14.633	154	149828	40.648	ng	95
53) 3-Nitroaniline	14.469	138	35190	31.068	ng	93
54) 2,4-Dinitrophenol	14.686	184	70007	79.785	ng	96
55) Dibenzofuran	14.968	168	267931	43.035	ng	98
56) 4-Nitrophenol	14.798	139	78414	85.662	ng	99
57) 2,4-Dinitrotoluene	14.933	165	78262	42.732	ng #	91
58) Fluorene	15.620	166	225723	41.898	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	79135	42.310	ng	97
60) Diethylphthalate	15.391	149	249742	42.792	ng	98
61) 4-Chlorophenyl-phenyle...	15.609	204	134787	41.666	ng	98
62) 4-Nitroaniline	15.638	138	50985	41.502	ng	96
63) Azobenzene	15.902	77	197901	43.560	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	52981	43.448	ng	96
66) n-Nitrosodiphenylamine	15.826	169	216548	44.431	ng	96
67) 4-Bromophenyl-phenylether	16.502	248	102502	44.272	ng	97
68) Hexachlorobenzene	16.625	284	122798	42.613	ng	98
69) Atrazine	16.778	200	97780	48.648	ng	98
70) Pentachlorophenol	16.972	266	132182	74.664	ng	96
71) Phenanthrene	17.360	178	399103	44.411	ng	99
72) Anthracene	17.448	178	409741	45.694	ng	100
73) Carbazole	17.718	167	352445	44.703	ng	99
74) Di-n-butylphthalate	18.282	149	417529	44.536	ng	100
75) Fluoranthene	19.369	202	527342	42.834	ng	100
77) Benzidine	19.545	184	145602	39.397	ng	95
78) Pyrene	19.733	202	548747	43.842	ng	99
80) Butylbenzylphthalate	20.626	149	174174	43.961	ng	94
81) Benzo(a)anthracene	21.555	228	570632	44.294	ng	98
82) 3,3'-Dichlorobenzidine	21.472	252	140223	30.245	ng	100
83) Chrysene	21.619	228	528035	43.748	ng	99
84) Bis(2-ethylhexyl)phtha...	21.472	149	236318	45.677	ng	99
85) Di-n-octyl phthalate	22.653	149	390773	42.811	ng	100
87) Indeno(1,2,3-cd)pyrene	28.253	276	672508	46.590	ng #	97
88) Benzo(b)fluoranthene	23.711	252	544449	44.732	ng	99
89) Benzo(k)fluoranthene	23.781	252	529837	45.250	ng	99
90) Benzo(a)pyrene	24.557	252	494440	46.629	ng	98
91) Dibenzo(a,h)anthracene	28.317	278	550621	46.062	ng #	97
92) Benzo(g,h,i)perylene	29.363	276	519349	43.719	ng	97

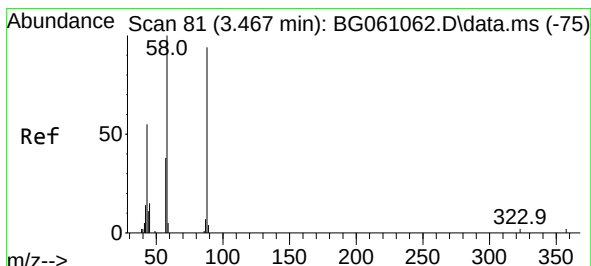
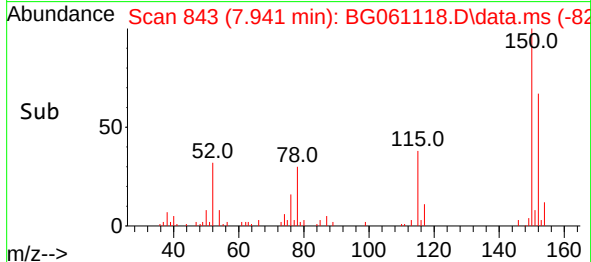
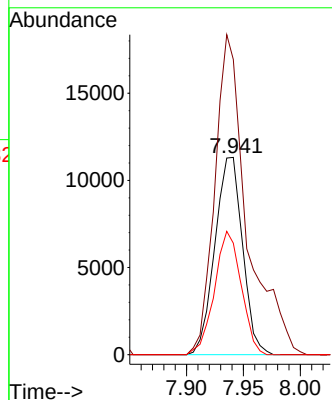
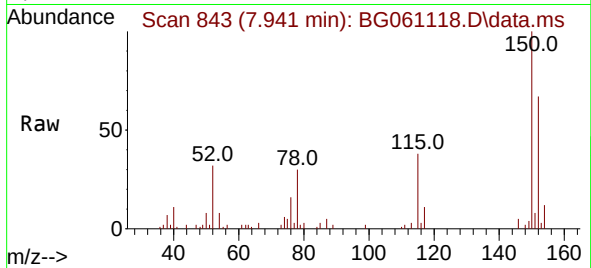
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

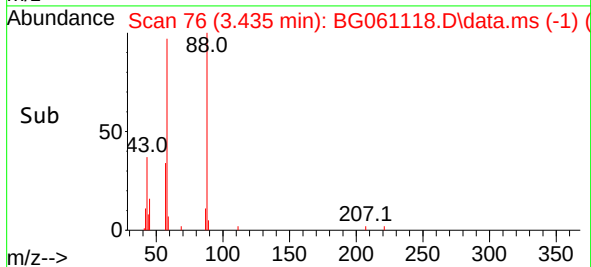
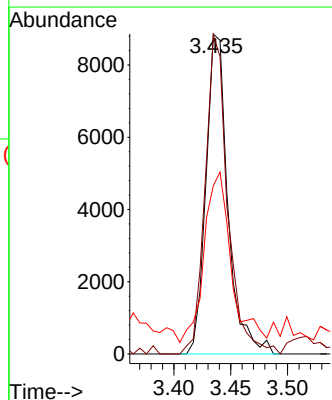
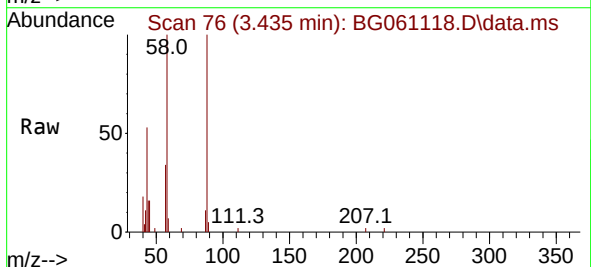
Instrument :
BNA_G
ClientSampleId :
PB160699BS

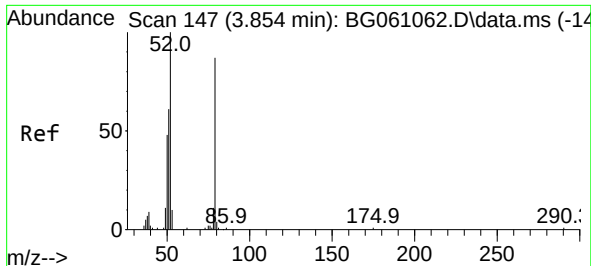
Tgt Ion:152 Resp: 19147
Ion Ratio Lower Upper
152 100
150 149.7 138.3 207.5
115 56.5 48.0 72.0



#2
1,4-Dioxane
Concen: 31.242 ng
RT: 3.435 min Scan# 76
Delta R.T. -0.032 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 88 Resp: 11893
Ion Ratio Lower Upper
88 100
58 102.7 81.2 121.8
43 64.4 45.0 67.4



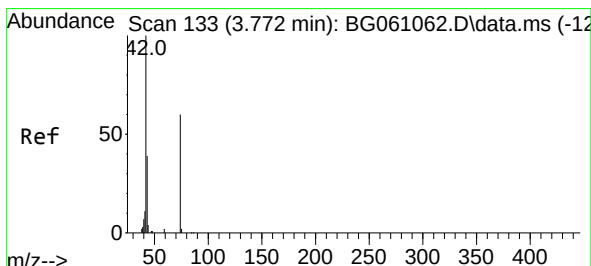
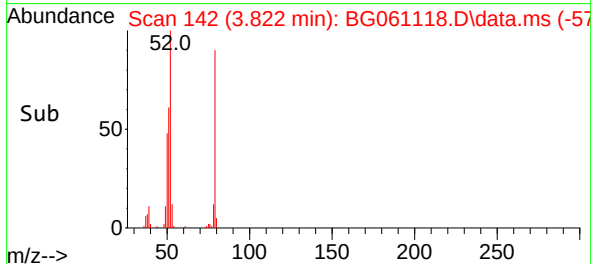
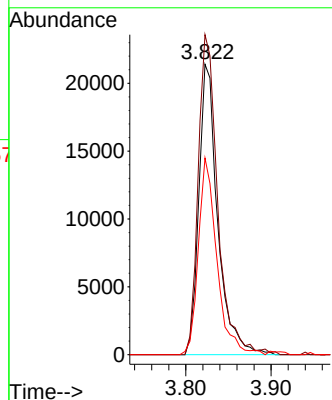
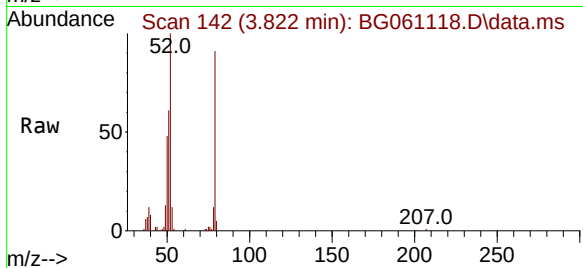


#3
 Pyridine
 Concen: 29.390 ng
 RT: 3.822 min Scan# 14
 Delta R.T. -0.032 min
 Lab File: BG061118.D
 Acq: 6 May 2024 12:57

Instrument :
 BNA_G
 ClientSampleId :
 PB160699BS

Tgt Ion: 79 Resp: 32921

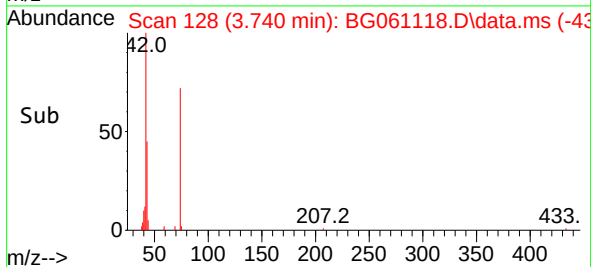
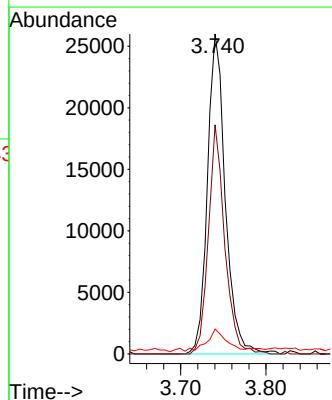
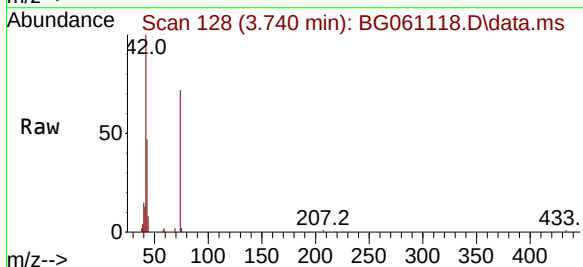
Ion	Ratio	Lower	Upper
79	100		
52	110.2	91.6	137.4
51	67.7	57.0	85.4

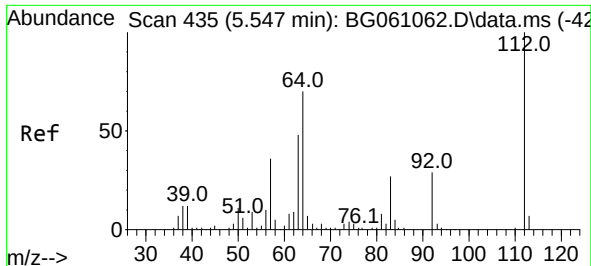


#4
 n-Nitrosodimethylamine
 Concen: 35.232 ng
 RT: 3.740 min Scan# 128
 Delta R.T. -0.032 min
 Lab File: BG061118.D
 Acq: 6 May 2024 12:57

Tgt Ion: 42 Resp: 37917

Ion	Ratio	Lower	Upper
42	100		
74	71.6	47.8	71.8
44	7.8	4.7	7.1

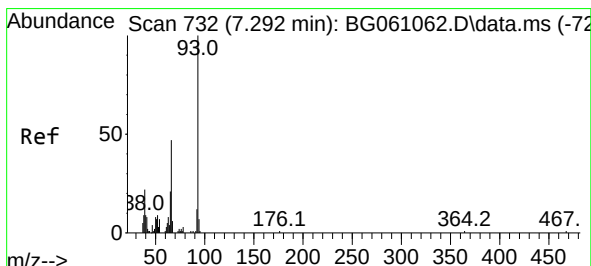
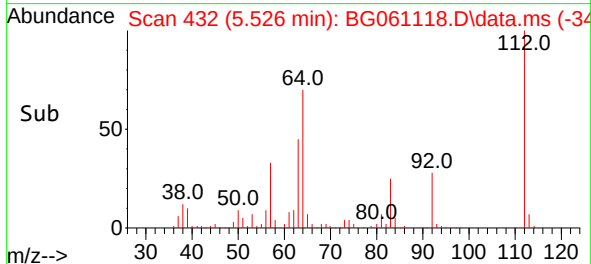
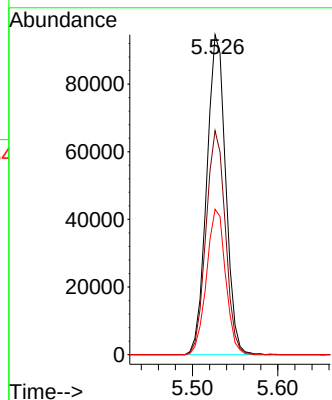
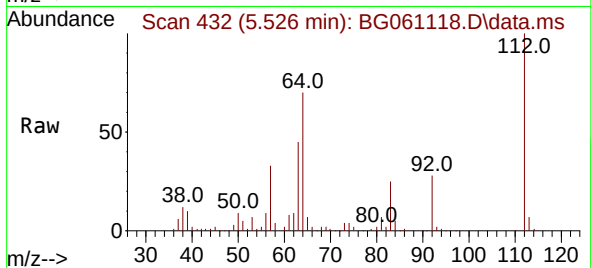




#5
2-Fluorophenol
Concen: 155.212 ng
RT: 5.526 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

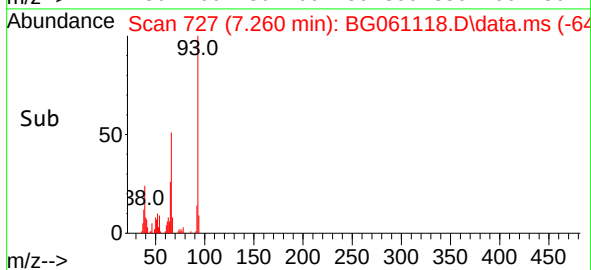
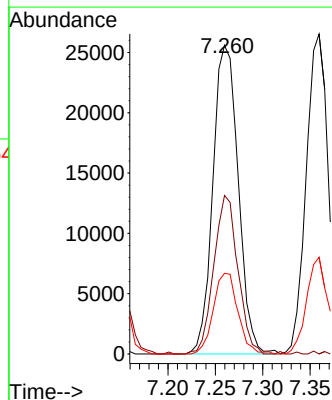
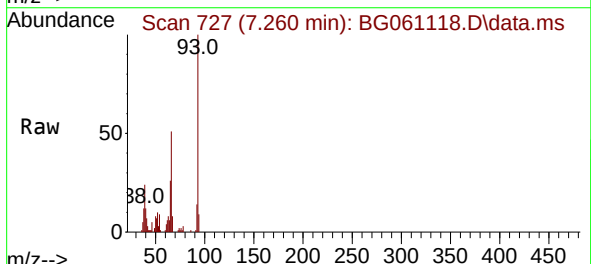
Instrument :
BNA_G
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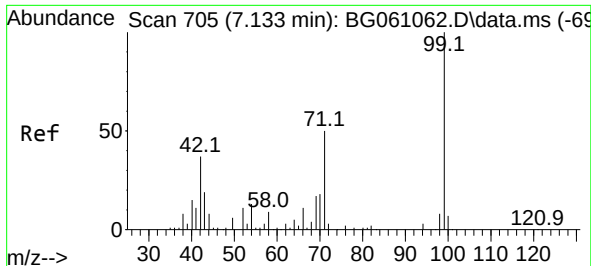
Tgt Ion:112 Resp: 146127
Ion Ratio Lower Upper
112 100
64 70.0 55.7 83.5
63 45.4 38.1 57.1



#6
Aniline
Concen: 34.451 ng
RT: 7.260 min Scan# 727
Delta R.T. -0.032 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 93 Resp: 47566
Ion Ratio Lower Upper
93 100
66 51.4 37.4 56.0
65 26.1 16.6 24.8#

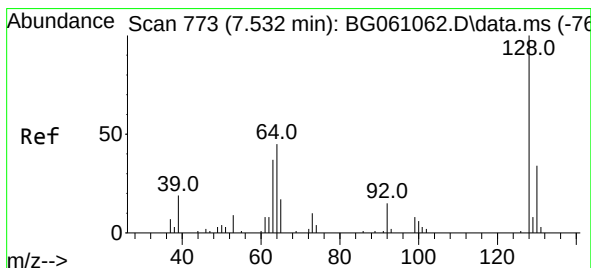
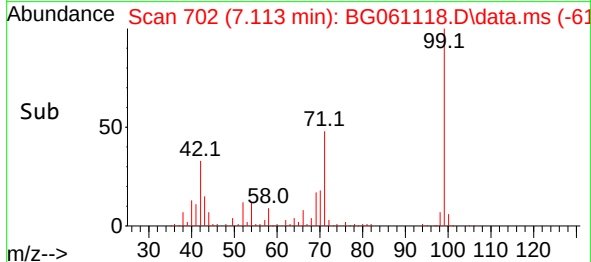
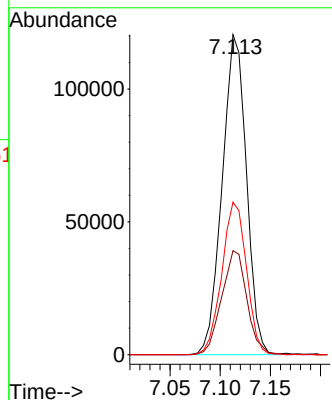
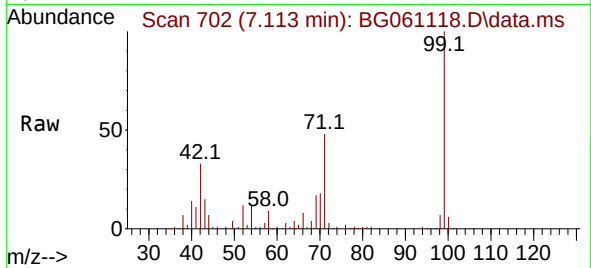




#7
Phenol-d6
Concen: 145.045 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

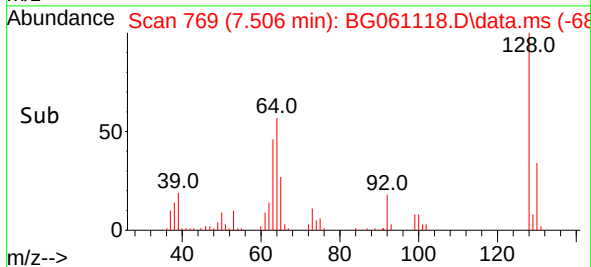
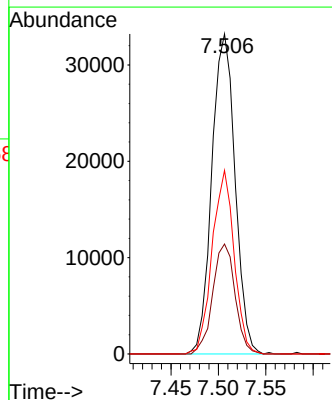
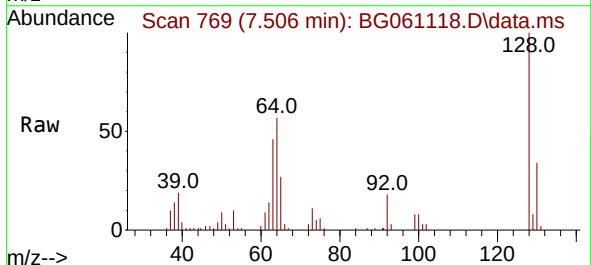
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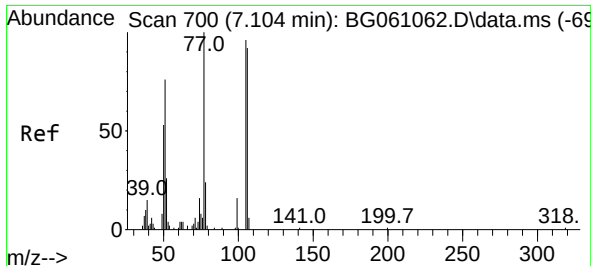
Tgt Ion: 99 Resp: 202009
Ion Ratio Lower Upper
99 100
42 32.5 29.2 43.8
71 47.6 39.7 59.5



#8
2-Chlorophenol
Concen: 48.966 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:128 Resp: 56557
Ion Ratio Lower Upper
128 100
130 34.4 14.1 54.1
64 57.4 34.8 74.8

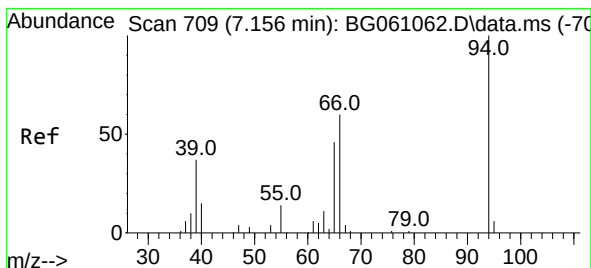
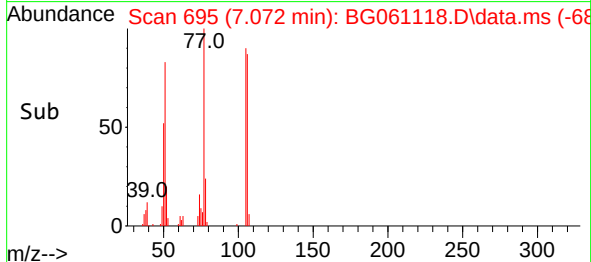
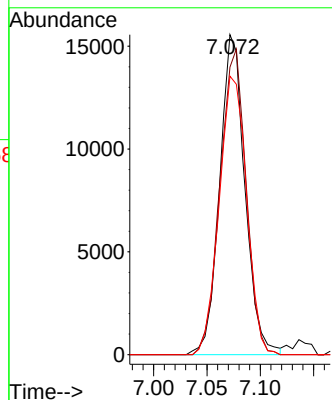
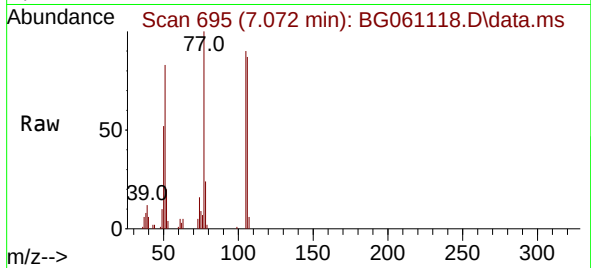




#9
Benzaldehyde
Concen: 32.750 ng
RT: 7.072 min Scan# 69
Delta R.T. -0.032 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

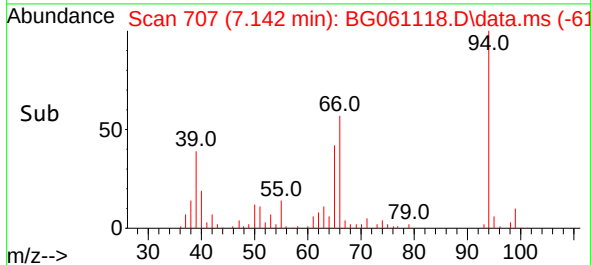
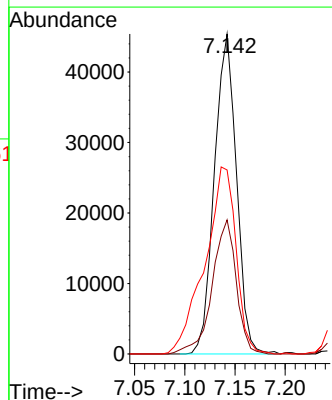
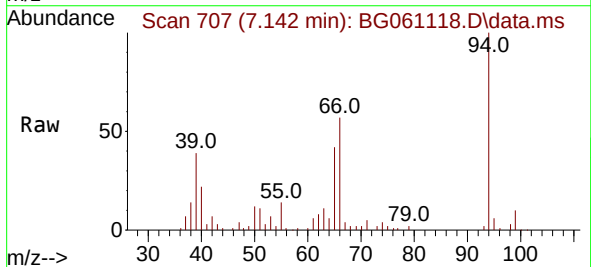
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BNA_G
ClientSampleId :
PB160699BS

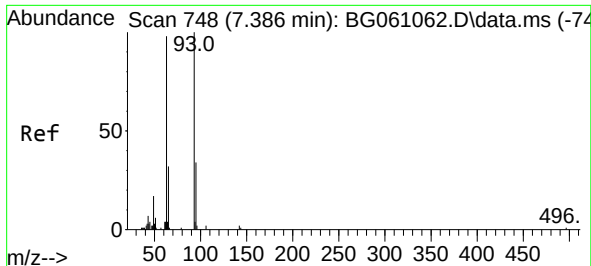
Tgt Ion: 77 Resp: 25618
Ion Ratio Lower Upper
77 100
105 89.9 76.0 116.0
106 87.0 72.3 112.3



#10
Phenol
Concen: 49.046 ng
RT: 7.142 min Scan# 707
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 94 Resp: 69465
Ion Ratio Lower Upper
94 100
65 41.9 26.8 66.8
66 57.5 44.7 84.7

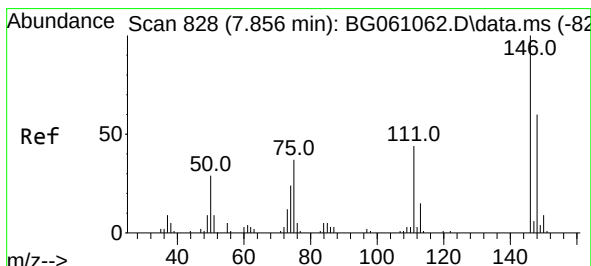
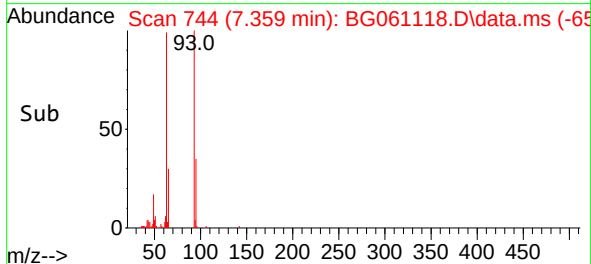
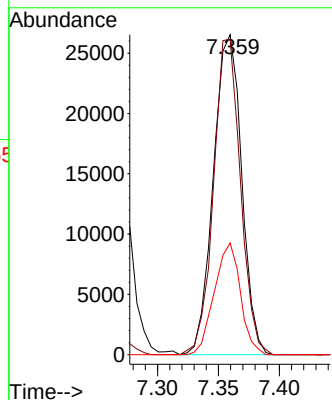
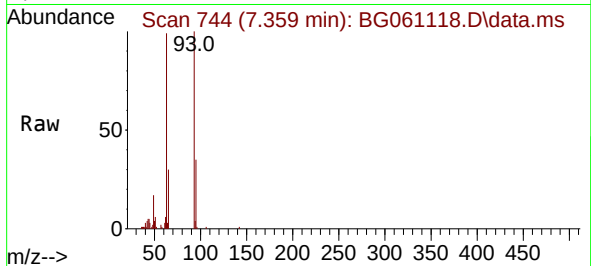




#11
bis(2-Chloroethyl)ether
Concen: 43.737 ng
RT: 7.359 min Scan# 748
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

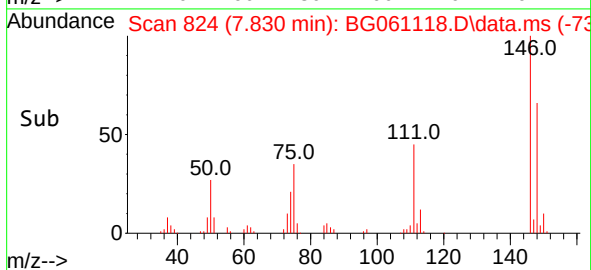
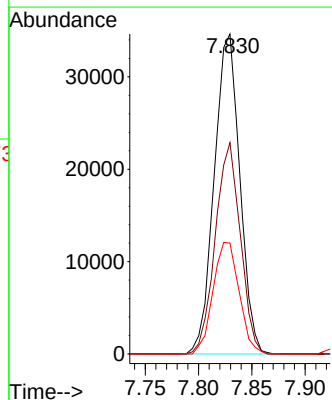
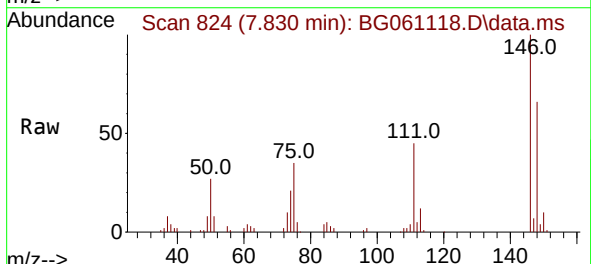
Instrument :
BNA_G
ClientSampleId :
PB160699BS

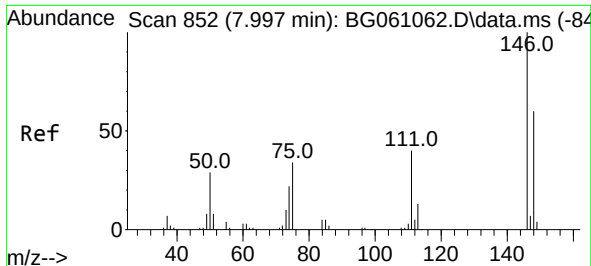
Tgt Ion: 93 Resp: 42794
Ion Ratio Lower Upper
93 100
63 98.6 76.8 116.8
95 34.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.413 ng
RT: 7.830 min Scan# 824
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:146 Resp: 57752
Ion Ratio Lower Upper
146 100
148 66.1 48.0 72.0
75 34.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 42.679 ng

RT: 7.971 min Scan# 84

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

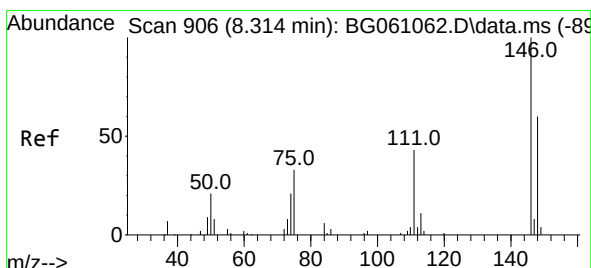
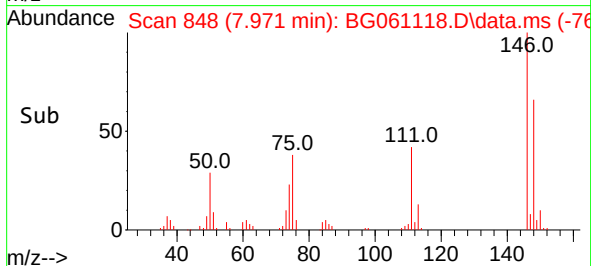
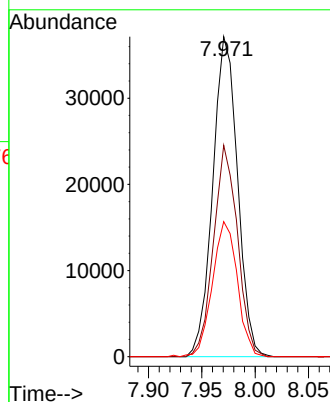
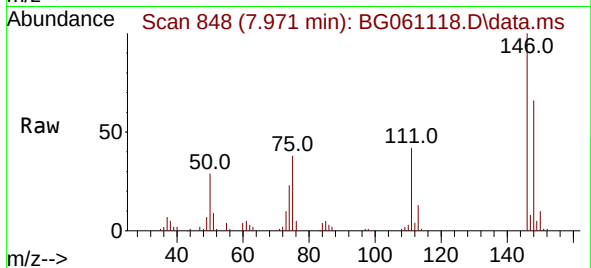
Tgt Ion:146 Resp: 60062

Ion Ratio Lower Upper

146 100

148 66.0 48.1 72.1

111 42.2 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 43.248 ng

RT: 8.288 min Scan# 902

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

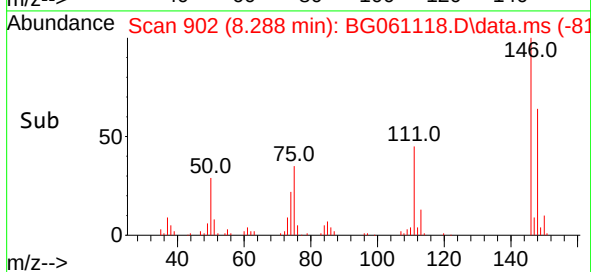
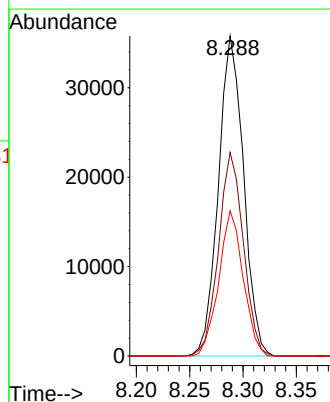
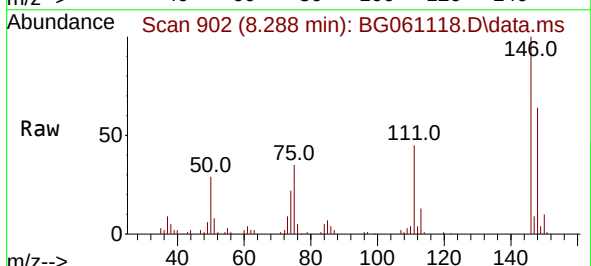
Tgt Ion:146 Resp: 58720

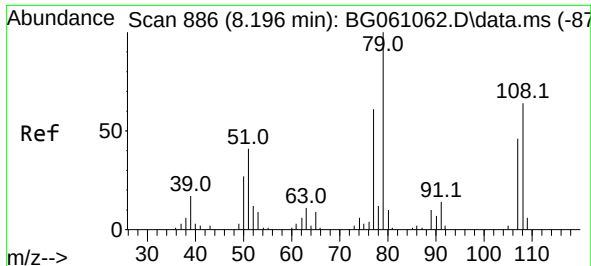
Ion Ratio Lower Upper

146 100

148 63.6 48.2 72.2

111 45.4 36.2 54.2

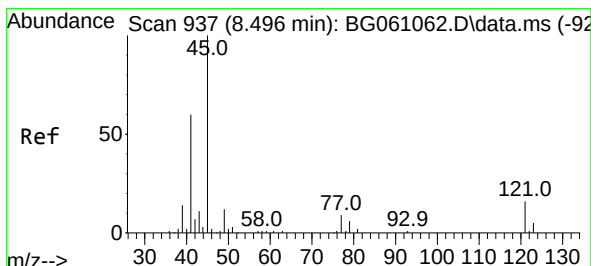
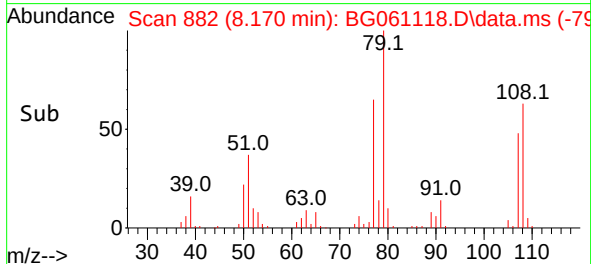
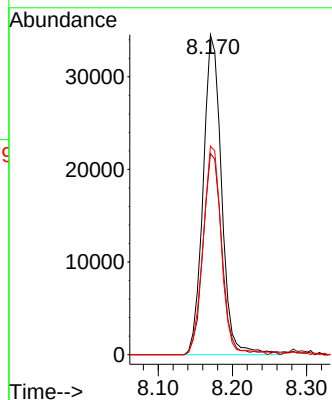
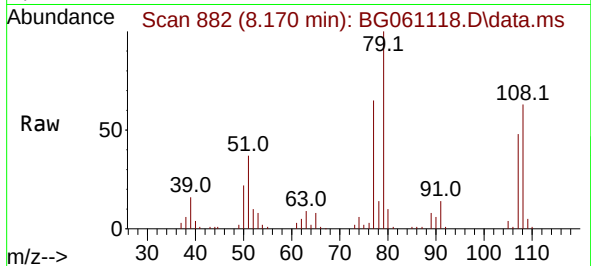




#15
Benzyl Alcohol
Concen: 47.452 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

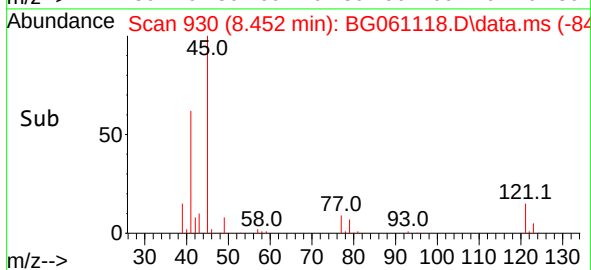
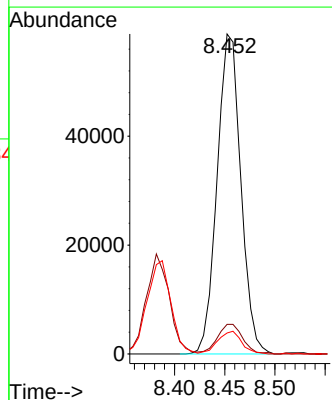
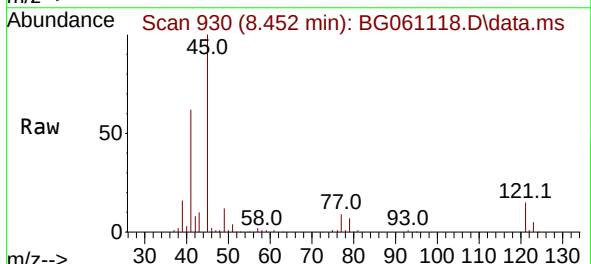
Instrument :
BNA_G
ClientSampleId :
PB160699BS

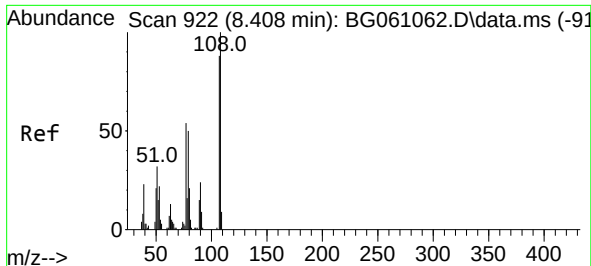
Tgt Ion: 79	Resp: 59616
Ion Ratio	Lower Upper
79 100	
108 62.9	51.1 76.7
77 65.2	49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.464 ng
RT: 8.452 min Scan# 930
Delta R.T. -0.044 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 45	Resp: 96526
Ion Ratio	Lower Upper
45 100	
77 9.3	0.0 30.2
79 6.5	0.0 26.5

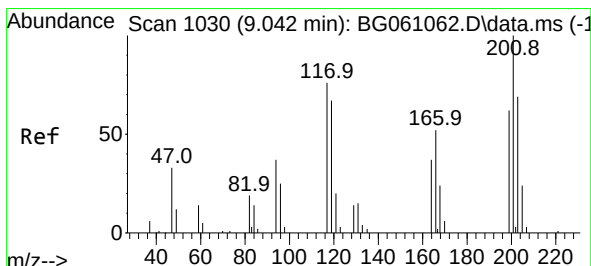
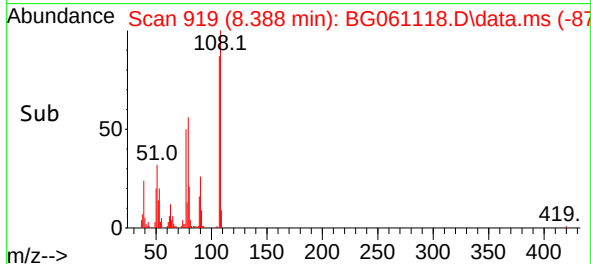
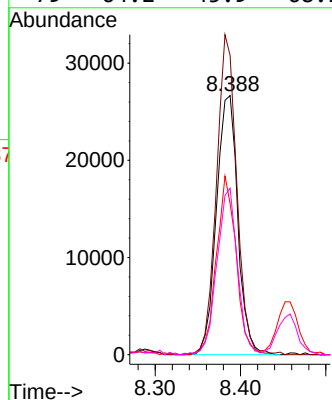
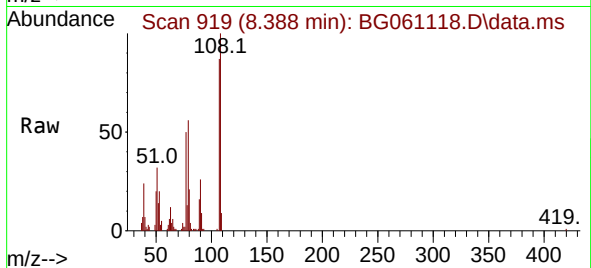




#17
2-Methylphenol
Concen: 46.040 ng
RT: 8.388 min Scan# 91
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

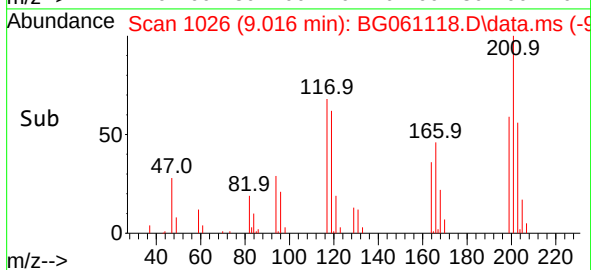
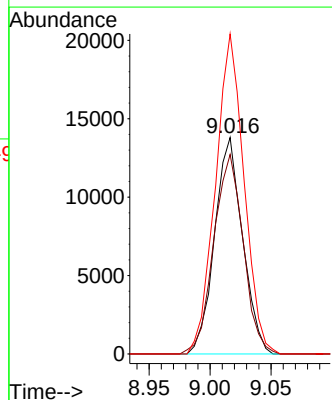
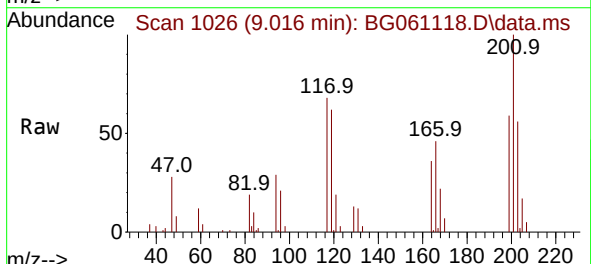
Instrument :
BNA_G
ClientSampleId :
PB160699BS

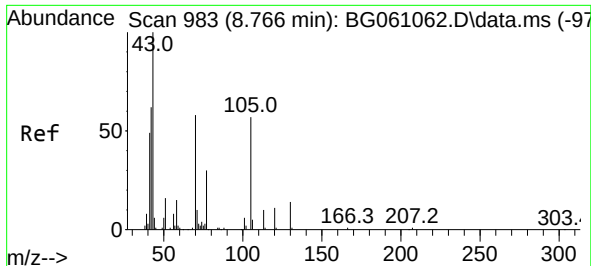
Tgt Ion:	107	Resp:	46470
Ion Ratio	Lower	Upper	
107	100		
108	115.5	91.4	137.2
77	58.3	49.4	74.2
79	64.2	45.9	68.9



#18
Hexachloroethane
Concen: 43.843 ng
RT: 9.016 min Scan# 1026
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:	117	Resp:	22016
Ion Ratio	Lower	Upper	
117	100		
119	92.2	71.4	107.0
201	147.9	105.8	158.8

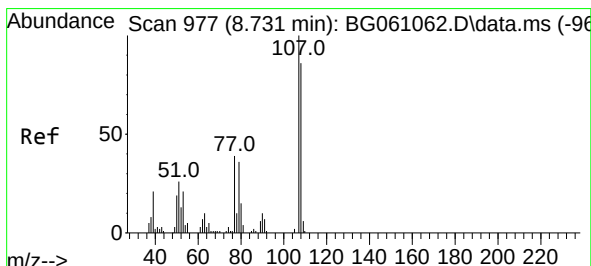
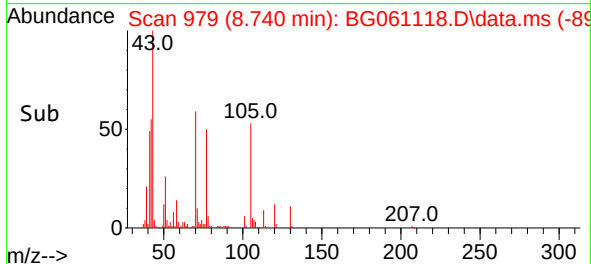
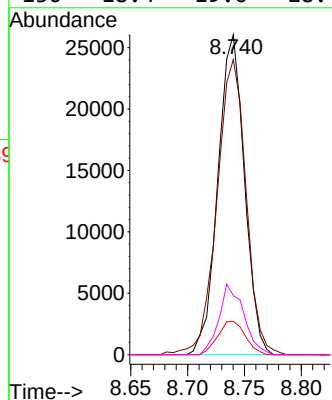
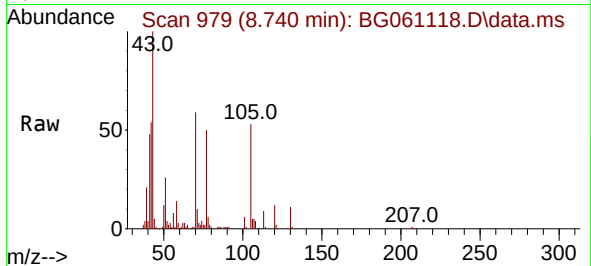




#19
n-Nitroso-di-n-propylamine
Concen: 40.571 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

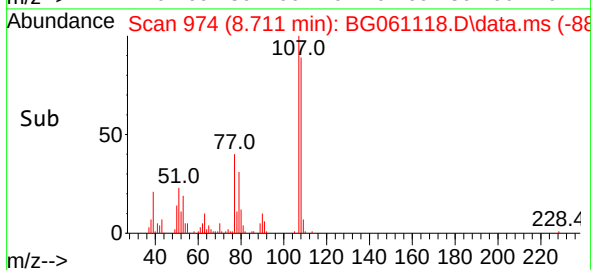
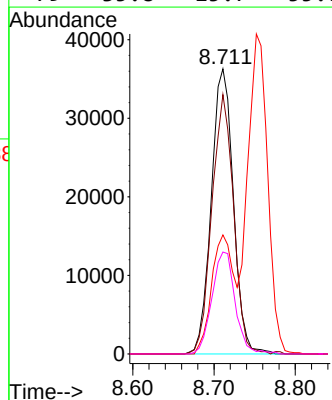
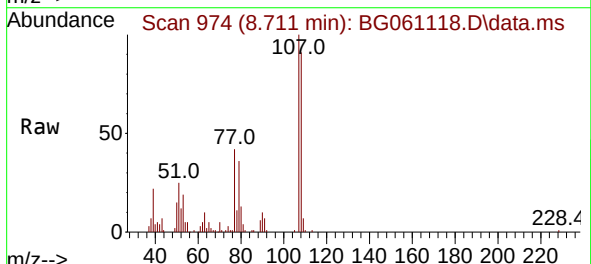
Instrument :
BNA_G
ClientSampleId :
PB160699BS

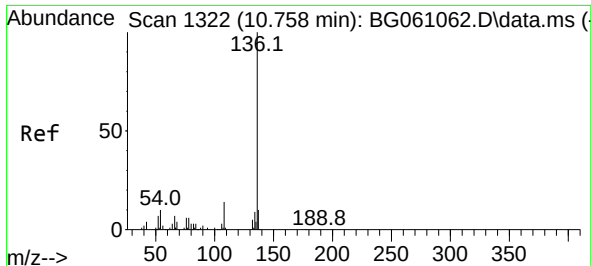
Tgt Ion: 70 Resp: 42286
Ion Ratio Lower Upper
70 100
42 92.2 86.4 129.6
101 10.4 7.8 11.8
130 18.4 19.0 28.4#



#20
3+4-Methylphenols
Concen: 47.031 ng
RT: 8.711 min Scan# 974
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 107 Resp: 68487
Ion Ratio Lower Upper
107 100
108 91.0 65.7 105.7
77 41.8 19.4 59.4
79 35.8 15.7 55.7

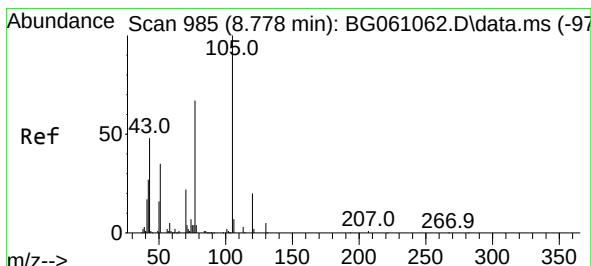
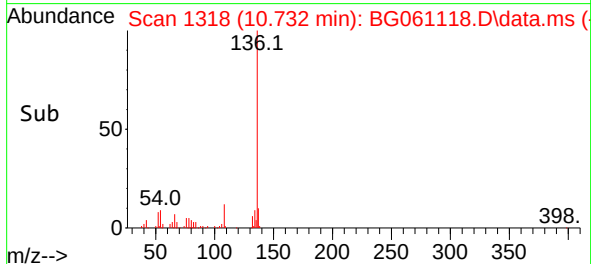
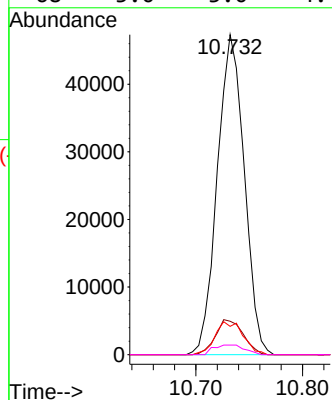
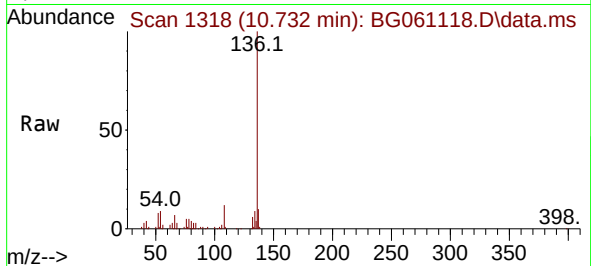




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

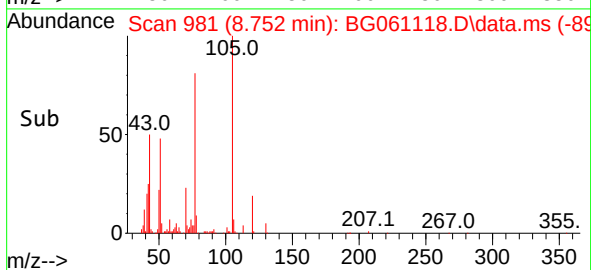
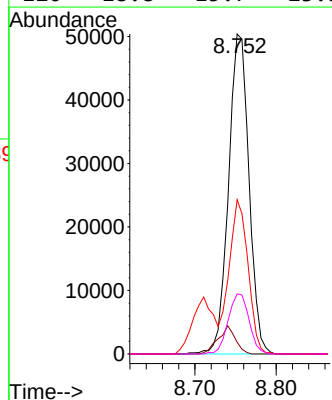
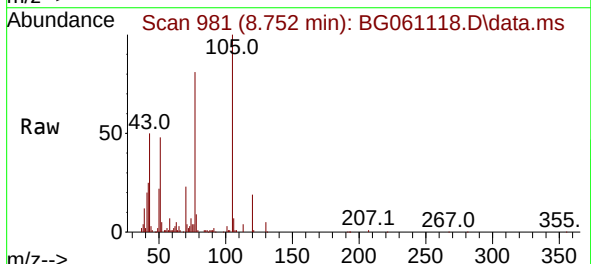
Instrument :
BNA_G
ClientSampleId :
PB160699BS

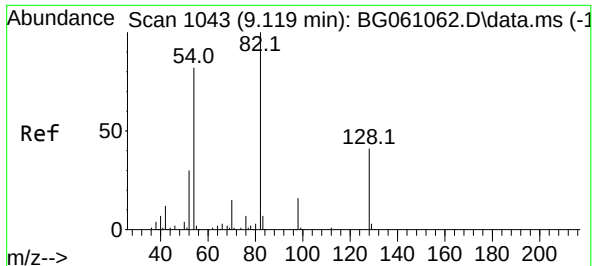
Tgt Ion:136 Resp: 83134
Ion Ratio Lower Upper
136 100
137 10.5 7.8 11.6
54 8.9 8.1 12.1
68 3.0 3.0 4.4



#22
Acetophenone
Concen: 42.548 ng
RT: 8.752 min Scan# 981
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:105 Resp: 88090
Ion Ratio Lower Upper
105 100
71 3.7 3.3 4.9
51 48.2 36.7 55.1
120 18.8 15.7 23.5





#23

Nitrobenzene-d5

Concen: 82.485 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

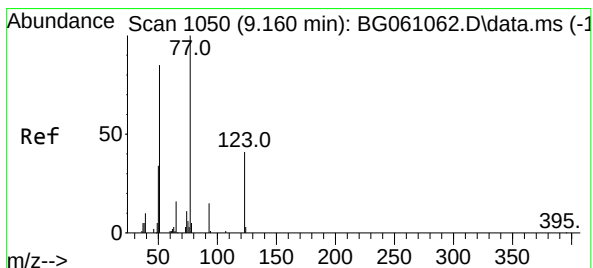
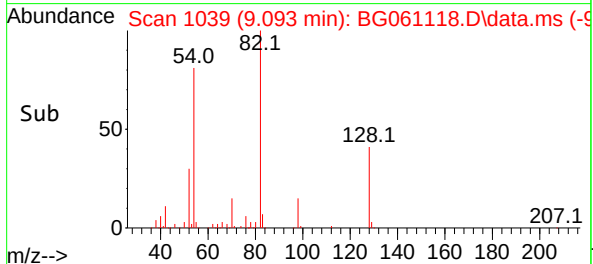
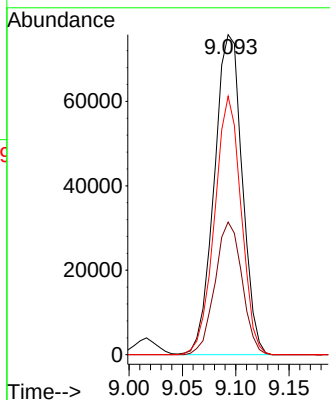
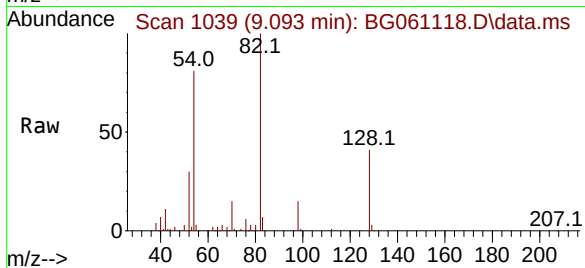
Tgt Ion: 82 Resp: 138329

Ion Ratio Lower Upper

82 100

128 41.5 32.7 49.1

54 80.8 65.6 98.4



#24

Nitrobenzene

Concen: 41.335 ng

RT: 9.134 min Scan# 1046

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

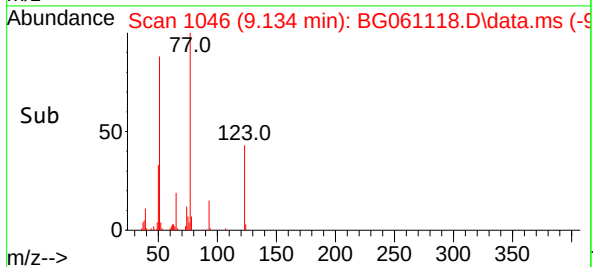
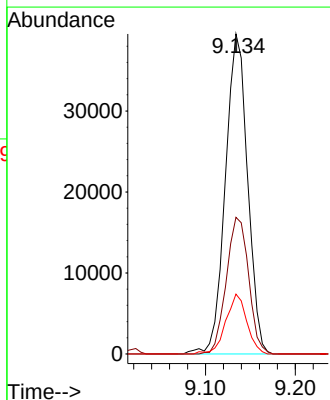
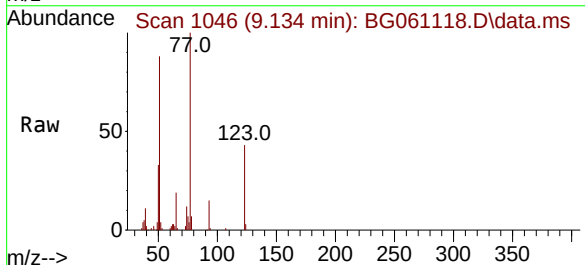
Tgt Ion: 77 Resp: 67814

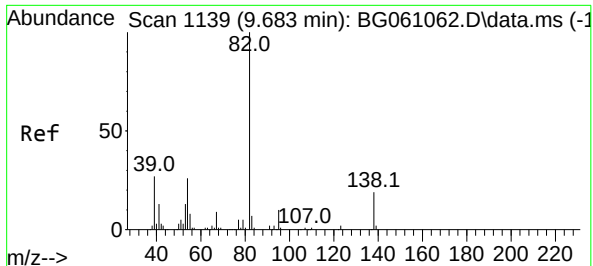
Ion Ratio Lower Upper

77 100

123 42.7 33.1 49.7

65 18.7 13.1 19.7

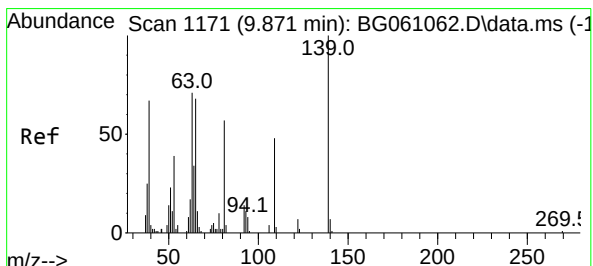
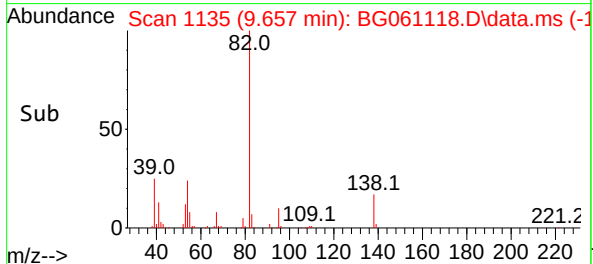
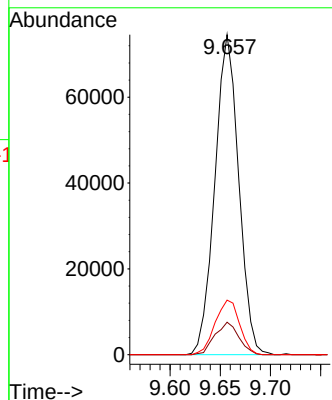
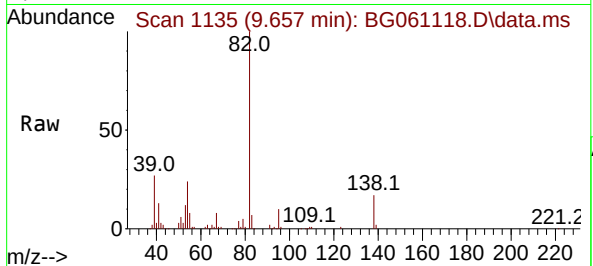




#25
Isophorone
Concen: 39.680 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

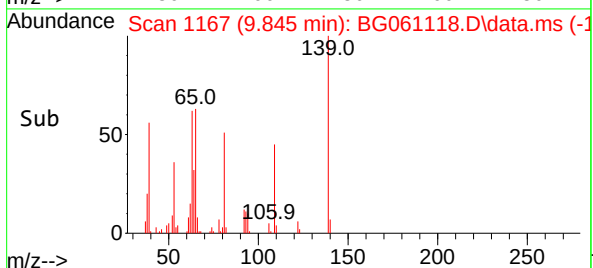
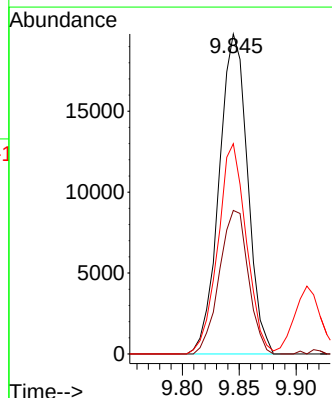
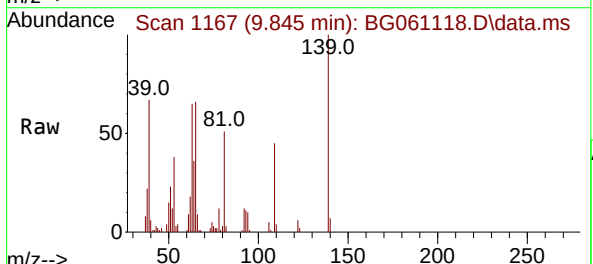
Instrument :
BNA_G
ClientSampleId :
PB160699BS

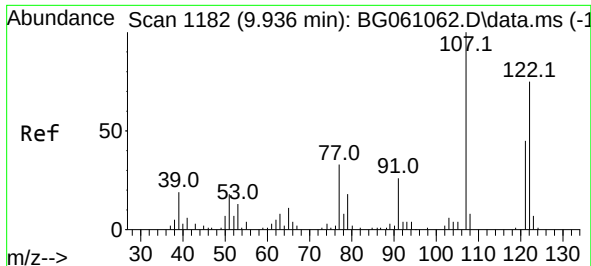
Tgt Ion: 82 Resp: 123007
Ion Ratio Lower Upper
82 100
95 10.2 8.3 12.5
138 17.1 15.2 22.8



#26
2-Nitrophenol
Concen: 44.268 ng
RT: 9.845 min Scan# 1167
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 139 Resp: 34409
Ion Ratio Lower Upper
139 100
109 44.8 38.5 57.7
65 65.7 54.5 81.7

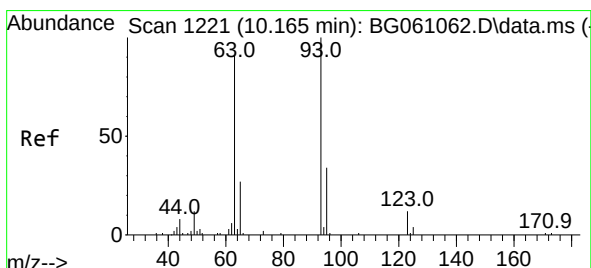
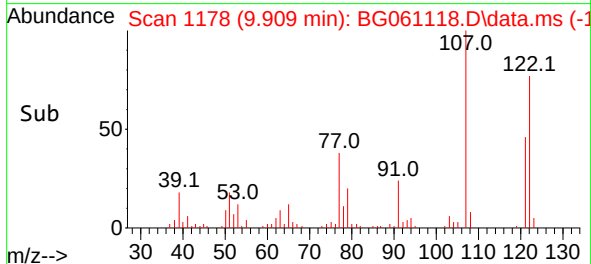
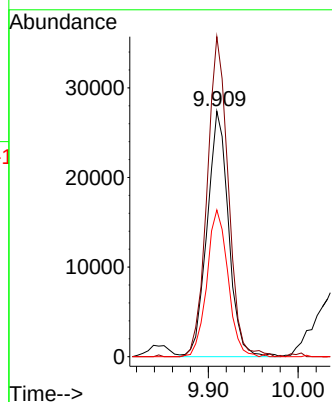
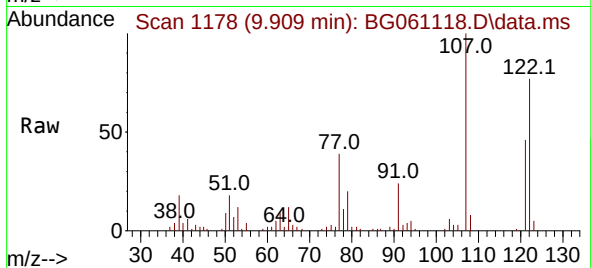




#27
2,4-Dimethylphenol
Concen: 50.611 ng
RT: 9.909 min Scan# 1182
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

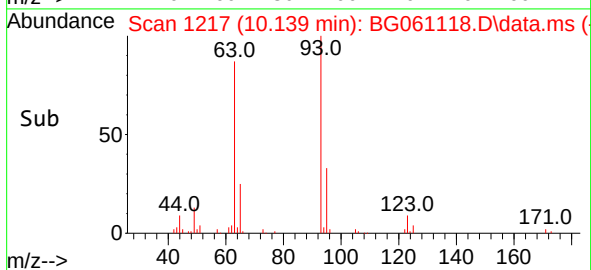
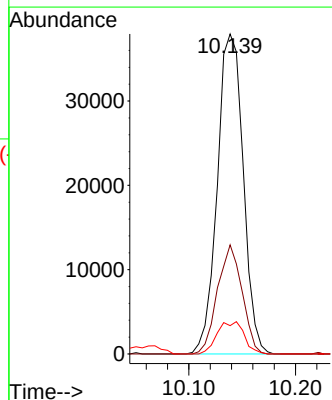
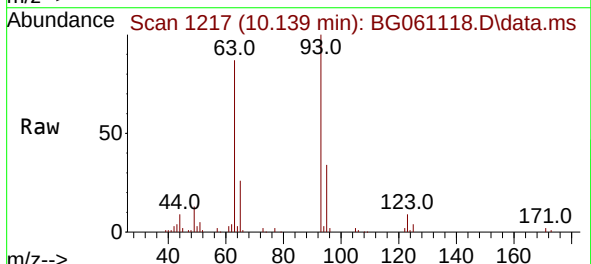
Instrument :
BNA_G
ClientSampleId :
PB160699BS

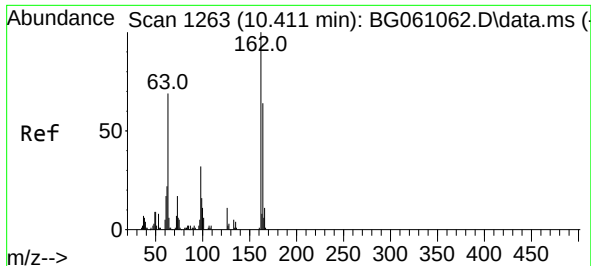
Tgt Ion:122 Resp: 45355
Ion Ratio Lower Upper
122 100
107 130.4 106.9 160.3
121 59.8 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.061 ng
RT: 10.139 min Scan# 1217
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 93 Resp: 63992
Ion Ratio Lower Upper
93 100
95 34.1 27.4 41.0
123 8.9 9.7 14.5#





#29

2,4-Dichlorophenol

Concen: 47.284 ng

RT: 10.385 min Scan# 1259

Delta R.T. -0.026 min

Lab File: BG061118.D

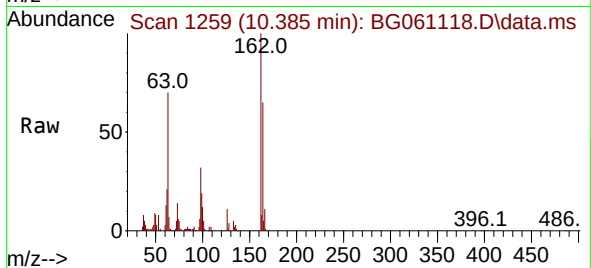
Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS



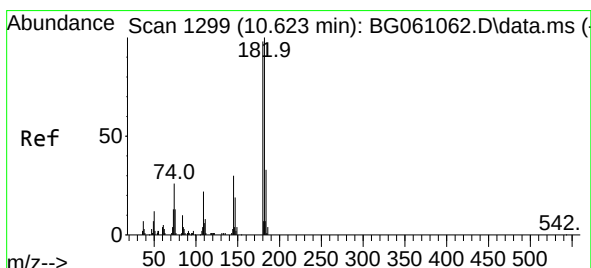
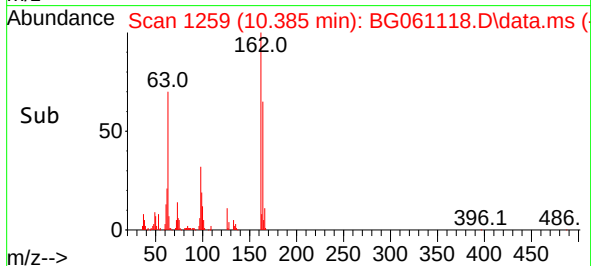
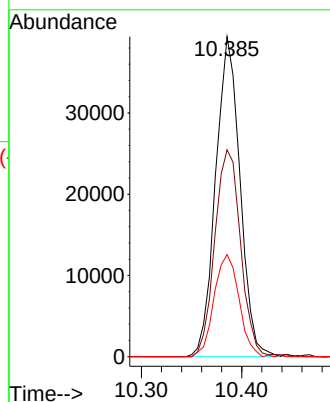
Tgt Ion:162 Resp: 66392

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 31.9 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 41.198 ng

RT: 10.597 min Scan# 1295

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

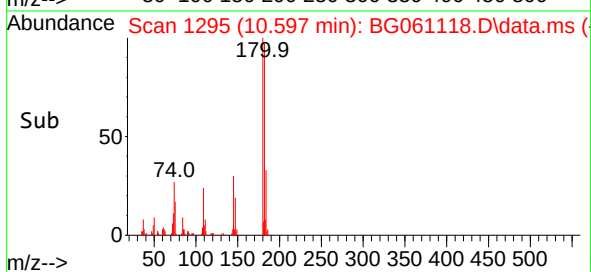
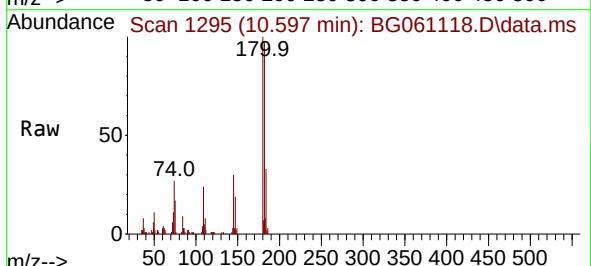
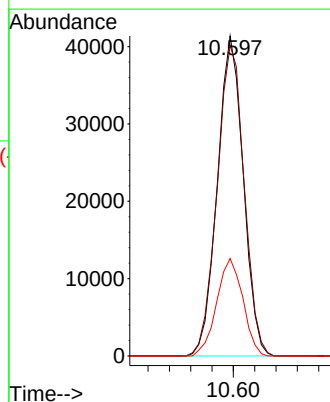
Tgt Ion:180 Resp: 69701

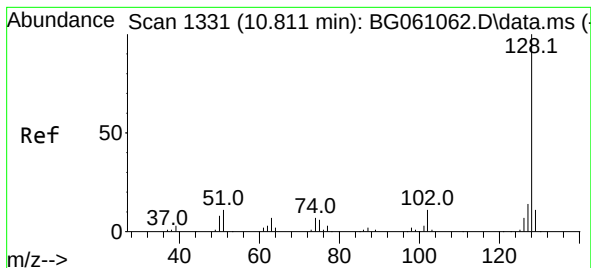
Ion Ratio Lower Upper

180 100

182 97.1 81.7 122.5

145 30.4 24.5 36.7





#31

Naphthalene

Concen: 42.149 ng

RT: 10.785 min Scan# 11

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

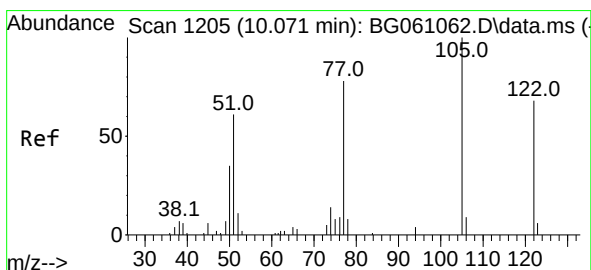
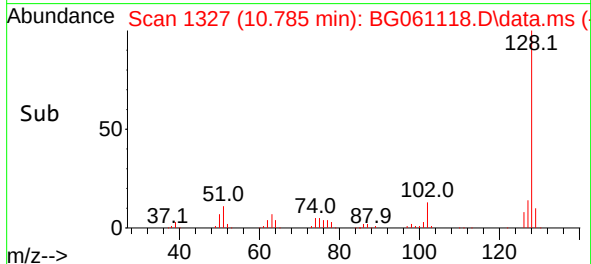
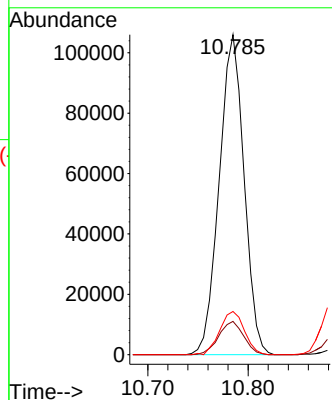
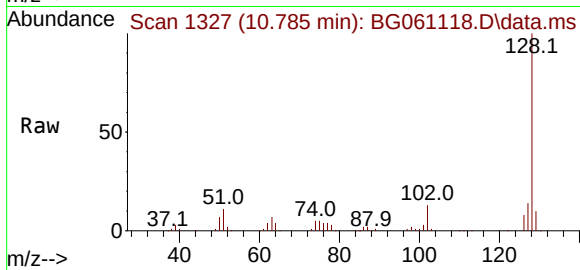
Tgt Ion:128 Resp: 182111

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 13.5 11.1 16.7



#32

Benzoic acid

Concen: 32.659 ng

RT: 10.062 min Scan# 1204

Delta R.T. -0.008 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

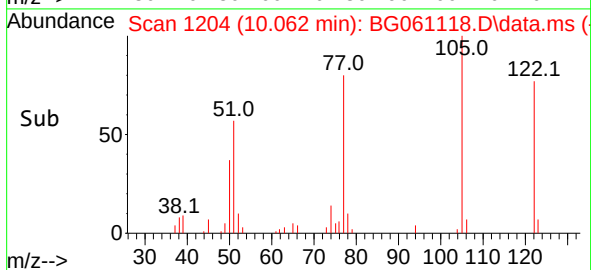
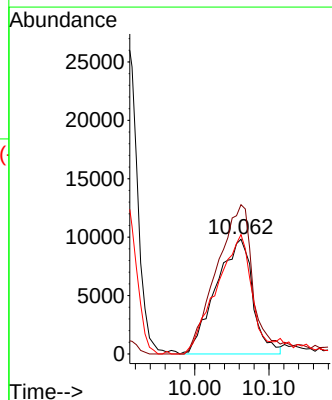
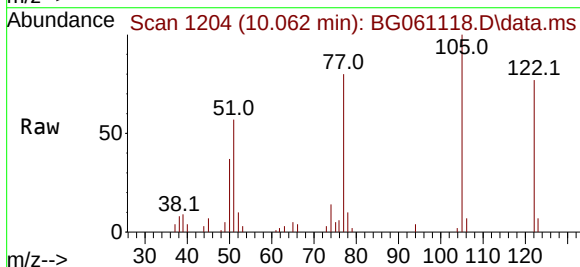
Tgt Ion:122 Resp: 33833

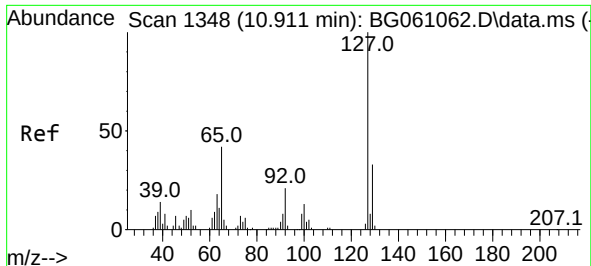
Ion Ratio Lower Upper

122 100

105 130.2 123.3 163.3

77 104.1 93.2 133.2

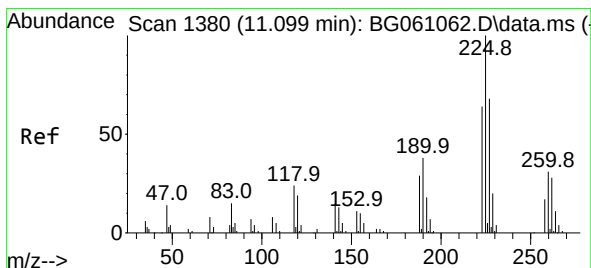
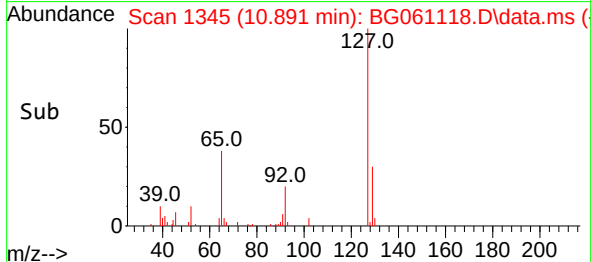
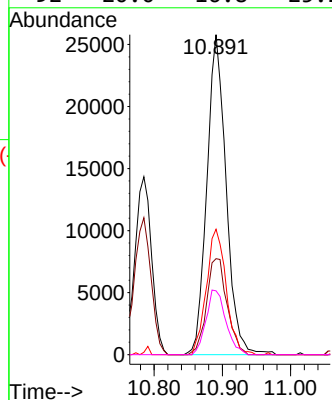
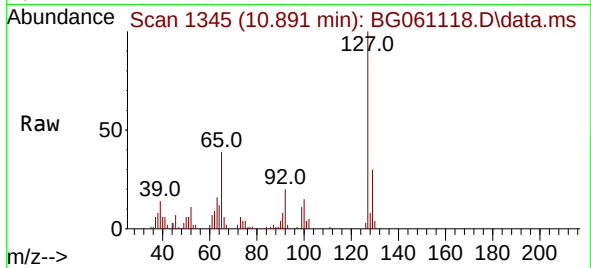




#33
4-Chloroaniline
Concen: 29.378 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

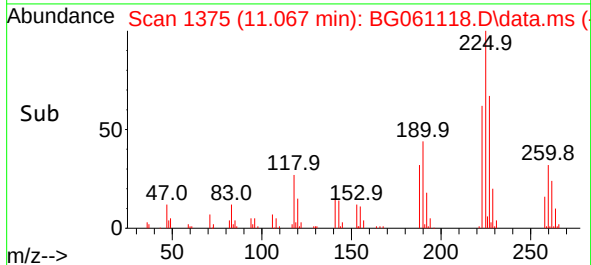
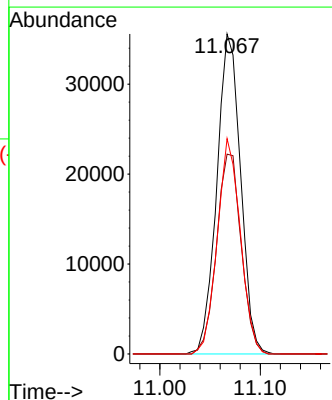
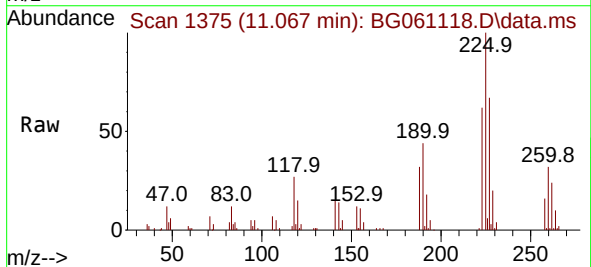
Instrument :
BNA_G
ClientSampleId :
PB160699BS

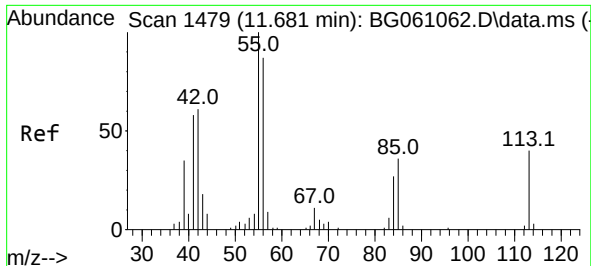
Tgt	Ion:127	Resp:	50623
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.6	39.8
65	39.2	33.6	50.4
92	20.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.356 ng
RT: 11.067 min Scan# 1375
Delta R.T. -0.032 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:225	Resp:	58583	
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.4
227	67.3	54.6	82.0

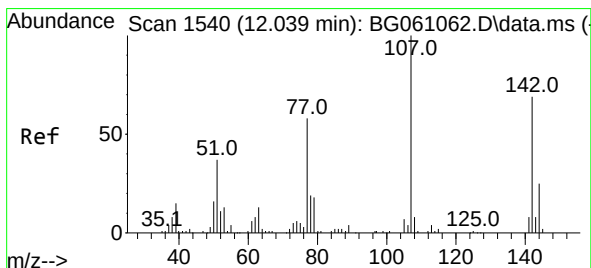
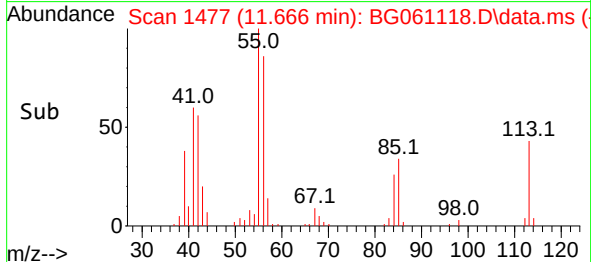
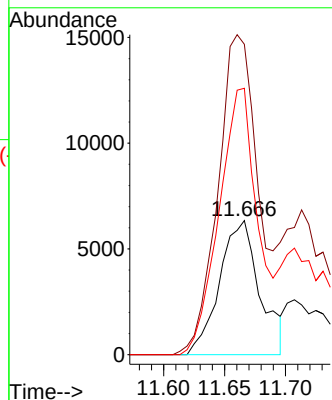
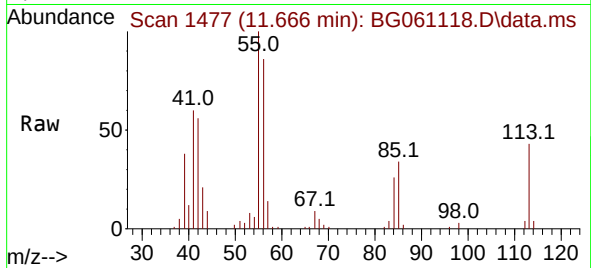




#35
Caprolactam
Concen: 28.785 ng
RT: 11.666 min Scan# 14
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

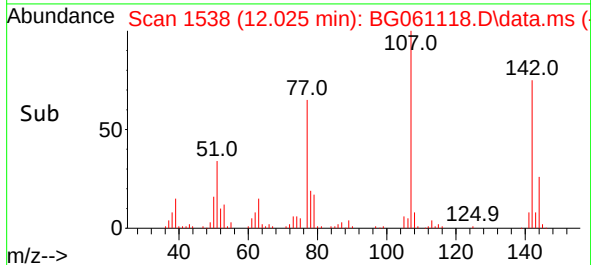
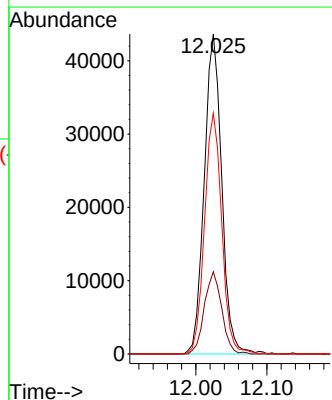
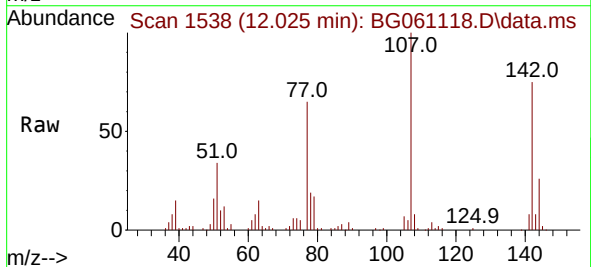
Instrument :
BNA_G
ClientSampleId :
PB160699BS

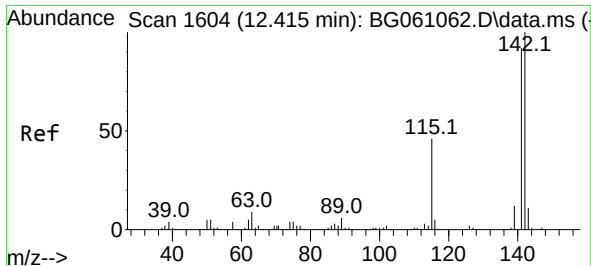
Tgt Ion:113 Resp: 14555
Ion Ratio Lower Upper
113 100
55 231.6 227.6 267.6
56 198.8 195.1 235.1



#36
4-Chloro-3-methylphenol
Concen: 44.145 ng
RT: 12.025 min Scan# 1538
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:107 Resp: 74743
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.4
142 75.2 55.6 83.4

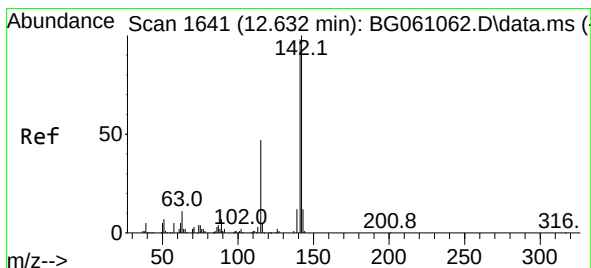
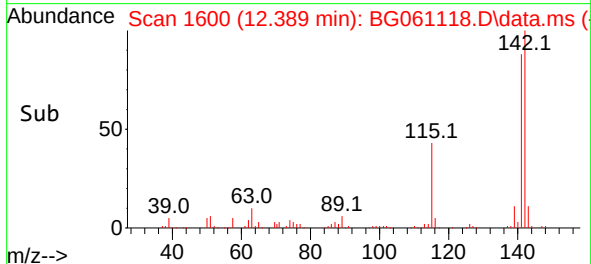
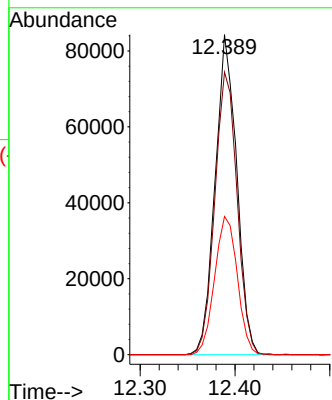
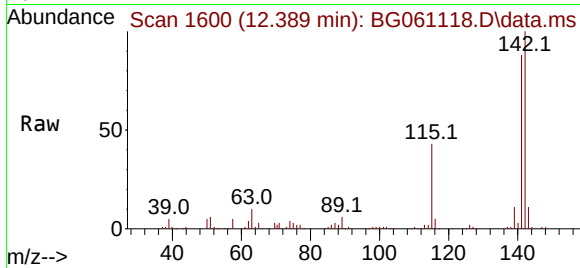




#37
2-Methylnaphthalene
Concen: 41.138 ng
RT: 12.389 min Scan# 1600
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

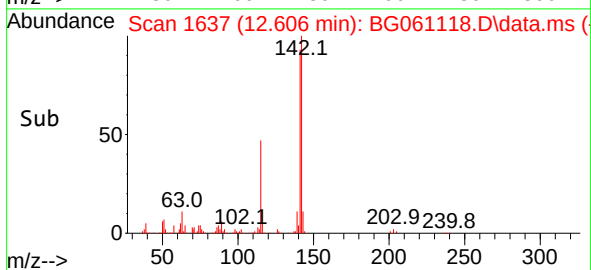
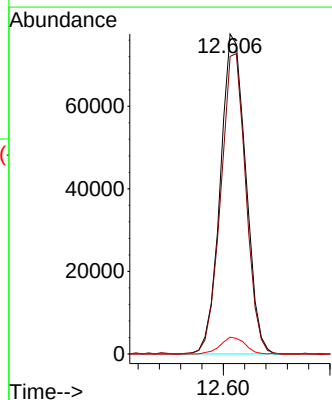
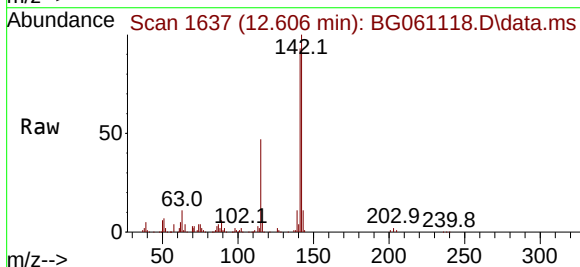
Instrument :
BNA_G
ClientSampleId :
PB160699BS

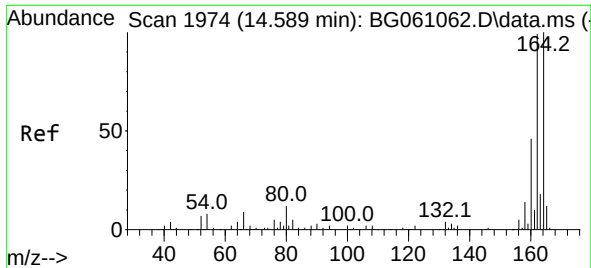
Tgt Ion:142 Resp: 133193
Ion Ratio Lower Upper
142 100
141 88.3 73.8 110.8
115 43.2 36.9 55.3



#38
1-Methylnaphthalene
Concen: 39.305 ng
RT: 12.606 min Scan# 1637
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:142 Resp: 128113
Ion Ratio Lower Upper
142 100
141 93.0 78.4 117.6
116 5.3 4.3 6.5

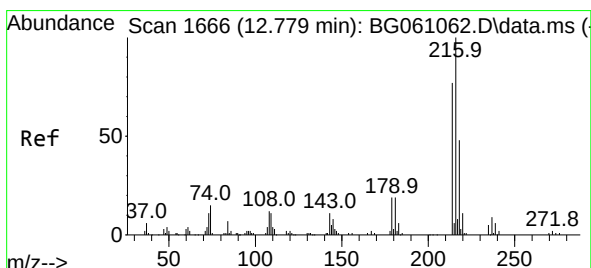
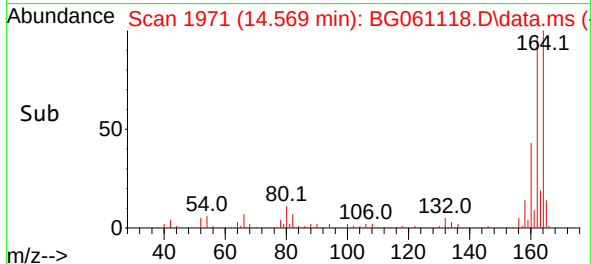
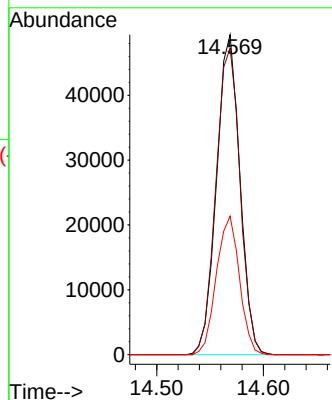
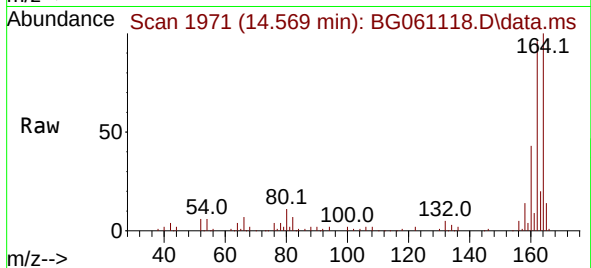




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1974
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

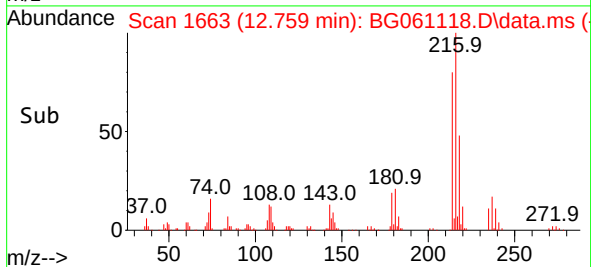
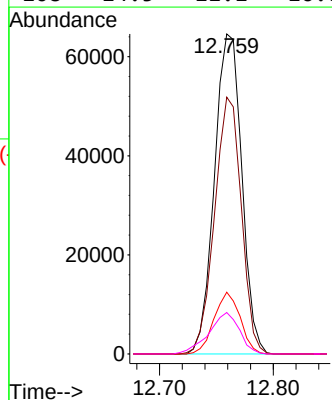
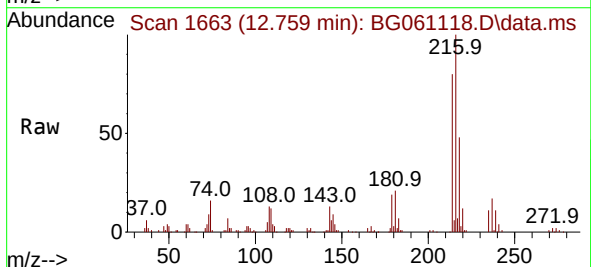
Instrument :
BNA_G
ClientSampleId :
PB160699BS

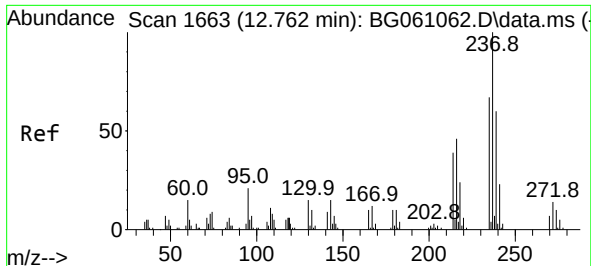
Tgt Ion:164 Resp: 74929
Ion Ratio Lower Upper
164 100
162 95.8 79.4 119.2
160 43.3 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.152 ng
RT: 12.759 min Scan# 1663
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

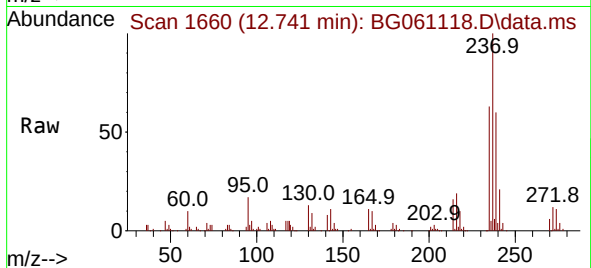
Tgt Ion:216 Resp: 107906
Ion Ratio Lower Upper
216 100
214 78.6 64.2 96.2
179 18.4 15.4 23.2
108 14.5 11.1 16.7



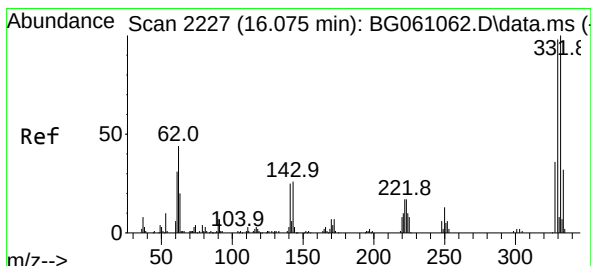
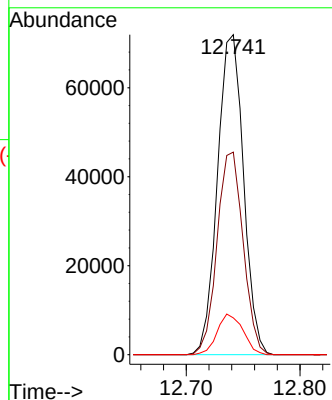
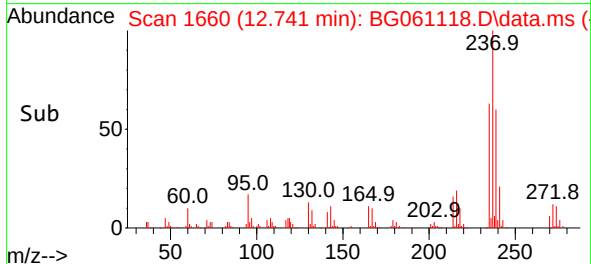


#41
Hexachlorocyclopentadiene
Concen: 119.491 ng
RT: 12.741 min Scan# 1660
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

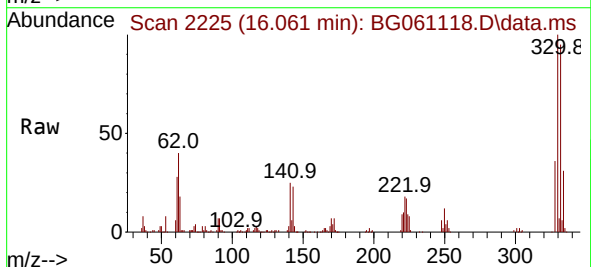
Instrument :
BNA_G
ClientSampleId :
PB160699BS



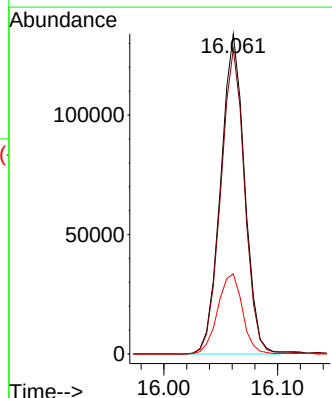
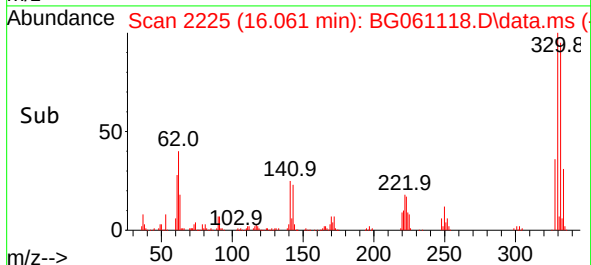
Tgt Ion:237 Resp: 114385
Ion Ratio Lower Upper
237 100
235 63.3 46.5 86.5
272 11.5 0.0 33.9

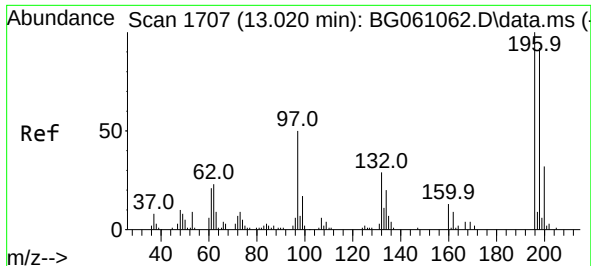


#42
2,4,6-Tribromophenol
Concen: 130.401 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57



Tgt Ion:330 Resp: 195301
Ion Ratio Lower Upper
330 100
332 95.3 78.6 117.8
141 26.0 20.5 30.7

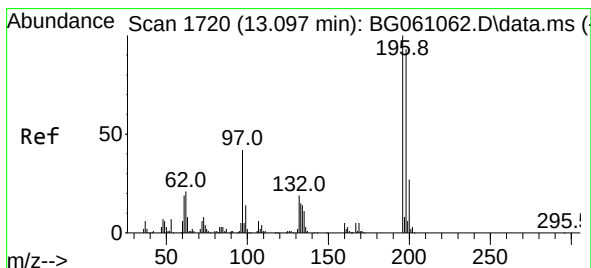
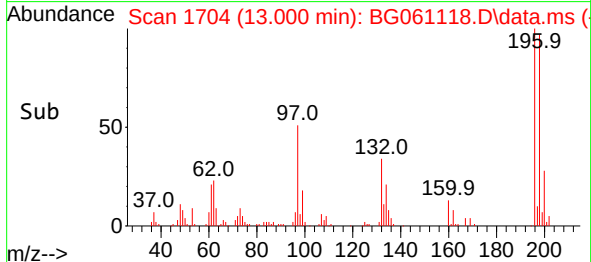
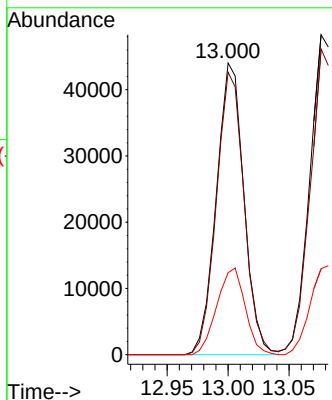
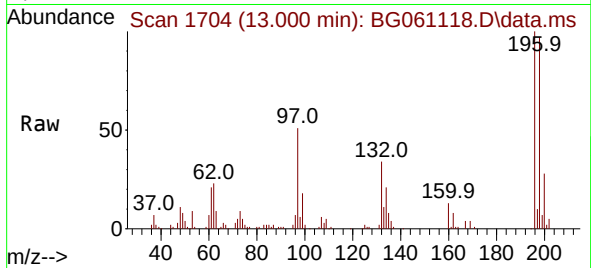




#43
2,4,6-Trichlorophenol
Concen: 43.276 ng
RT: 13.000 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

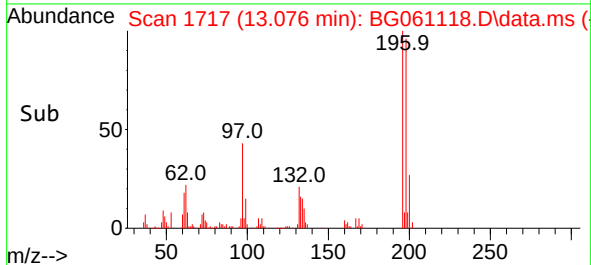
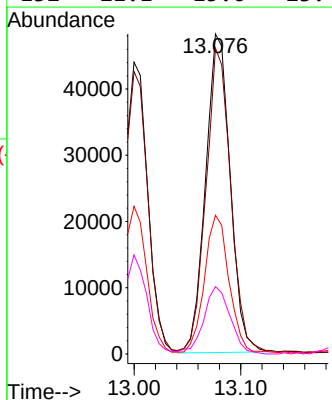
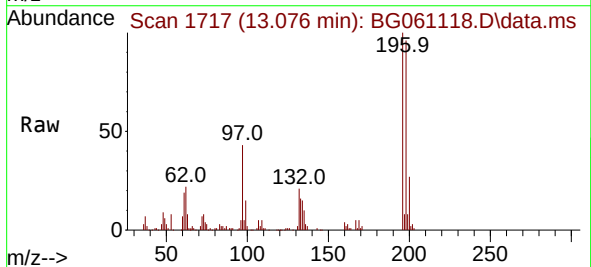
Instrument :
BNA_G
ClientSampleId :
PB160699BS

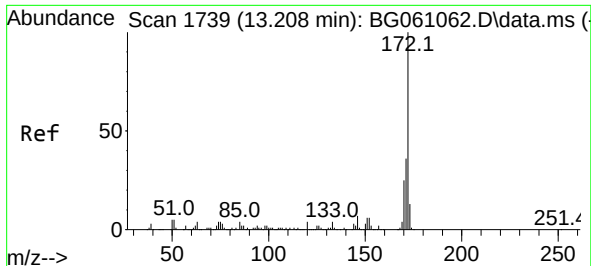
Tgt Ion:196 Resp: 69475
Ion Ratio Lower Upper
196 100
198 96.8 73.8 110.6
200 28.1 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 42.541 ng
RT: 13.076 min Scan# 1717
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:196 Resp: 77295
Ion Ratio Lower Upper
196 100
198 95.6 74.3 111.5
97 43.3 33.6 50.4
132 21.1 15.6 23.4

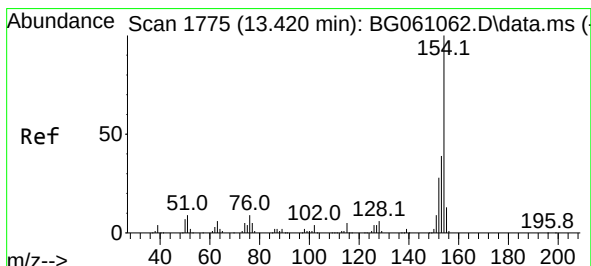
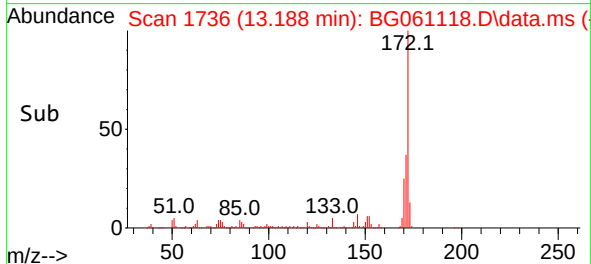
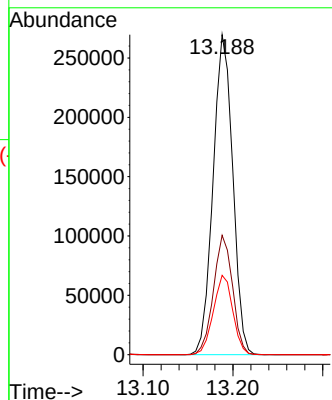
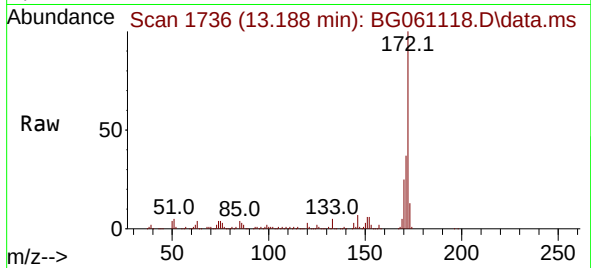




#45
2-Fluorobiphenyl
Concen: 80.853 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

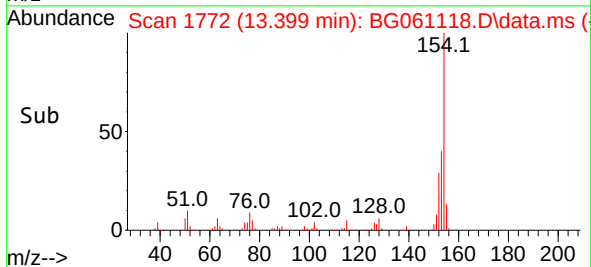
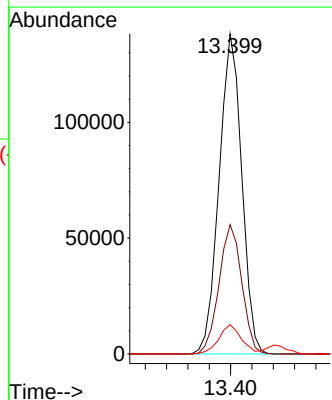
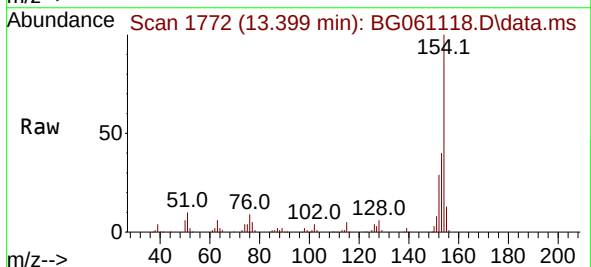
Instrument :
BNA_G
ClientSampleId :
PB160699BS

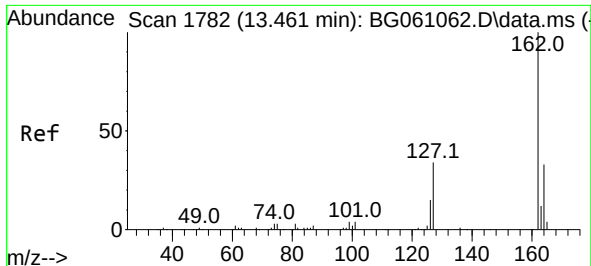
Tgt Ion:172 Resp: 409697
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.6
170 24.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.296 ng
RT: 13.399 min Scan# 1772
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:154 Resp: 203204
Ion Ratio Lower Upper
154 100
153 40.4 19.3 59.3
76 9.2 0.0 28.8

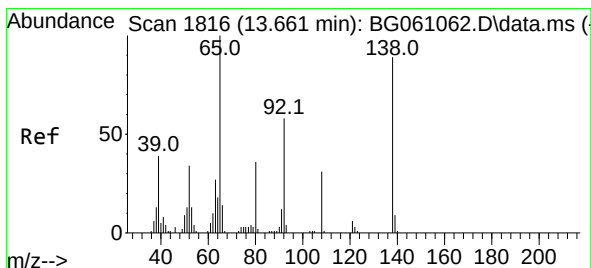
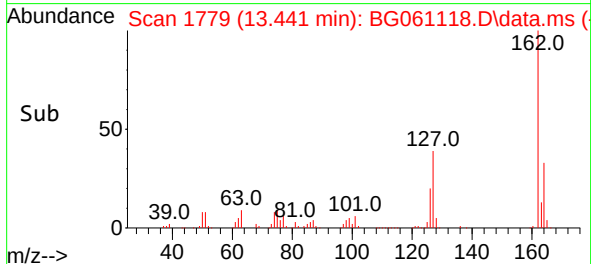
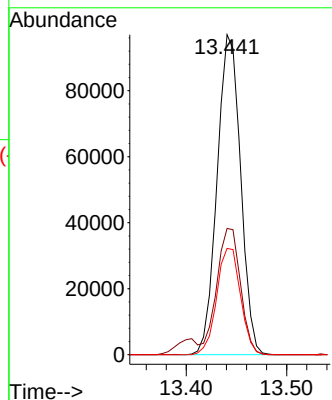
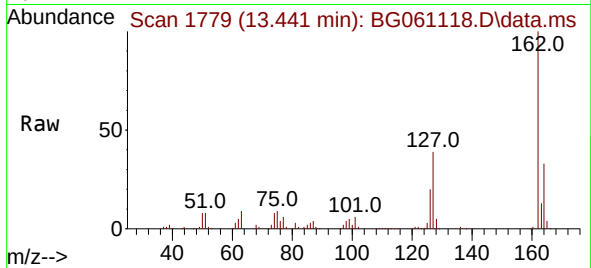




#47
2-Chloronaphthalene
Concen: 40.924 ng
RT: 13.441 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

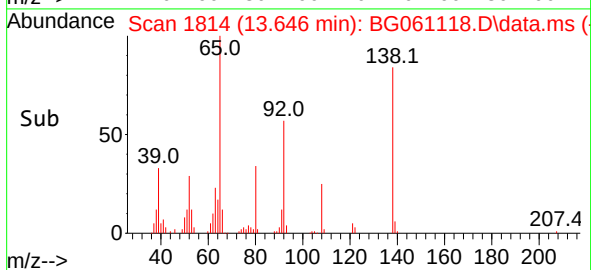
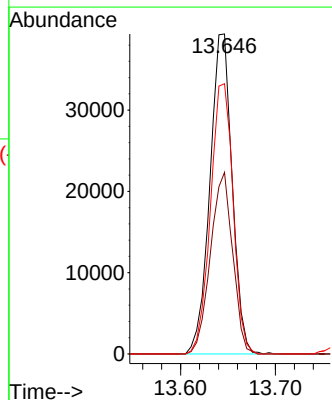
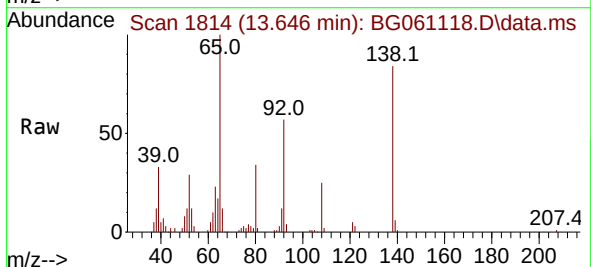
Instrument :
BNA_G
ClientSampleId :
PB160699BS

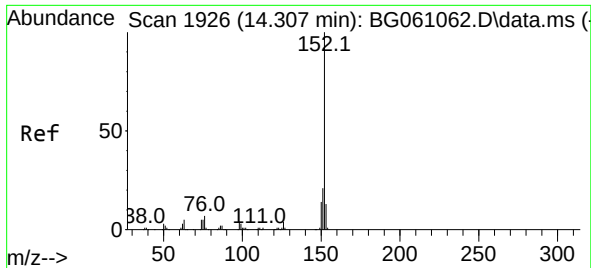
Tgt Ion:162 Resp: 157438
Ion Ratio Lower Upper
162 100
127 39.4 30.7 46.1
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 44.936 ng
RT: 13.646 min Scan# 1814
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion: 65 Resp: 64149
Ion Ratio Lower Upper
65 100
92 56.8 46.7 70.1
138 84.5 71.4 107.2

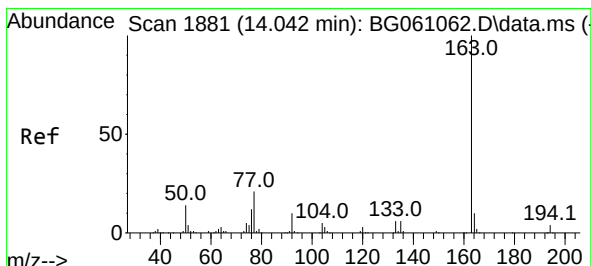
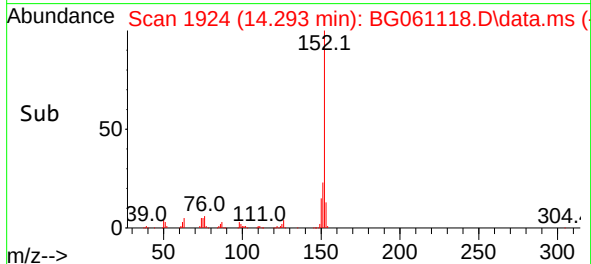
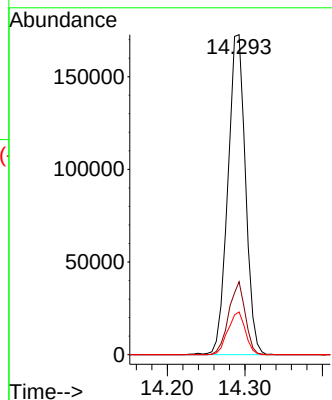
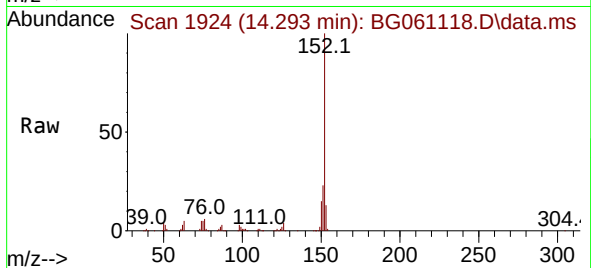




#49
Acenaphthylene
Concen: 46.251 ng
RT: 14.293 min Scan# 1926
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

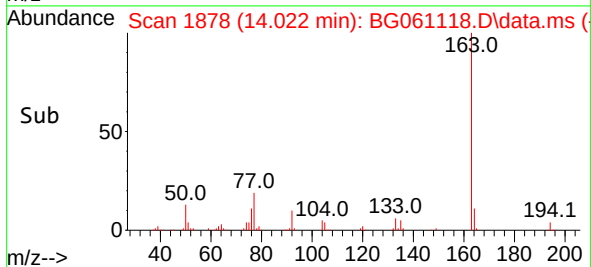
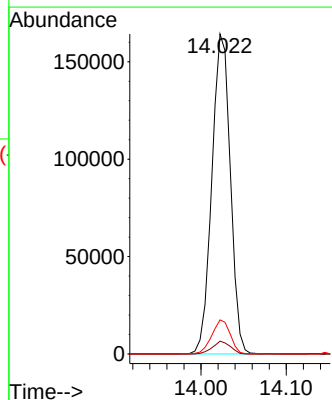
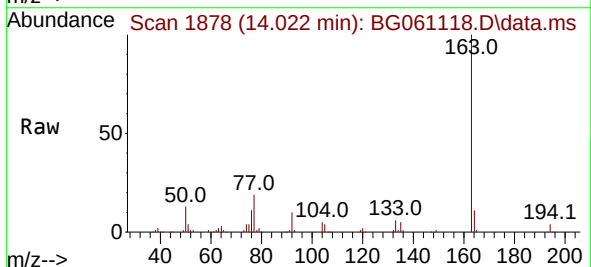
Instrument :
BNA_G
ClientSampleId :
PB160699BS

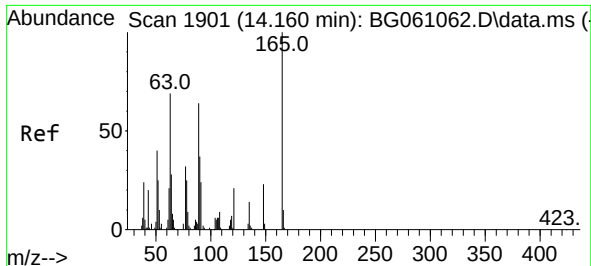
Tgt Ion:152 Resp: 273279
Ion Ratio Lower Upper
152 100
151 22.8 16.9 25.3
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 42.668 ng
RT: 14.022 min Scan# 1878
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:163 Resp: 246939
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.7 7.8 11.8

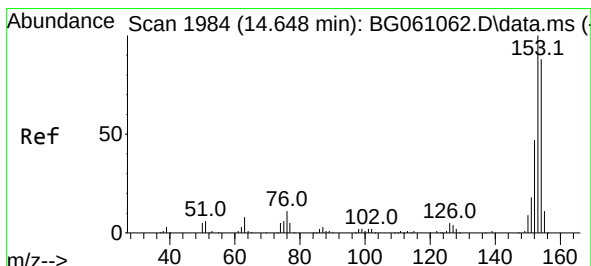
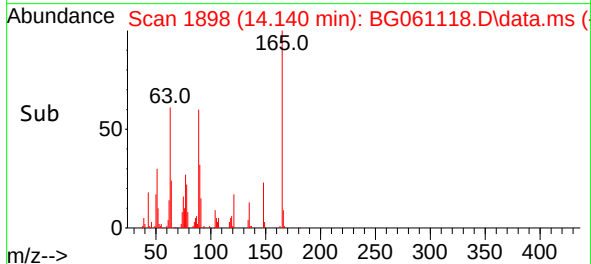
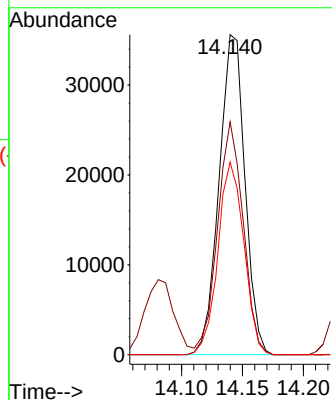
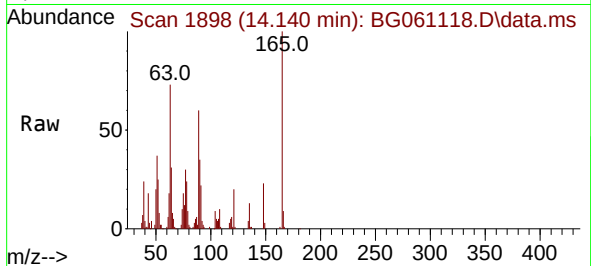




#51
2,6-Dinitrotoluene
Concen: 42.484 ng
RT: 14.140 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

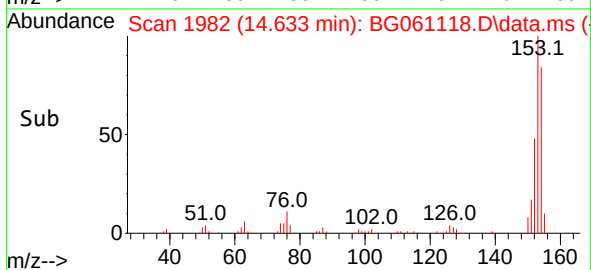
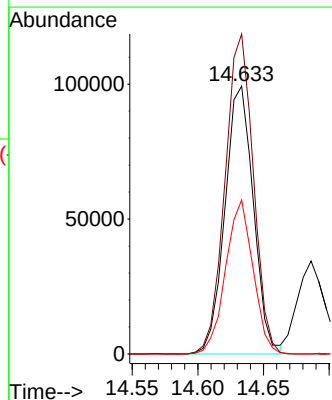
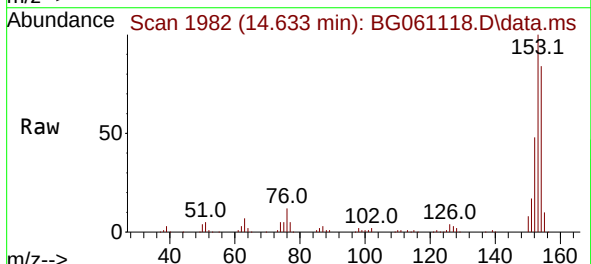
Instrument :
BNA_G
ClientSampleId :
PB160699BS

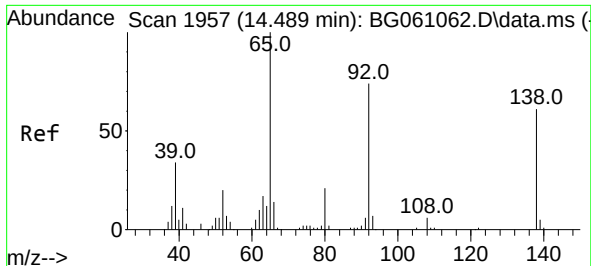
Tgt Ion:165 Resp: 52592
Ion Ratio Lower Upper
165 100
63 72.8 60.0 90.0
89 60.1 50.9 76.3



#52
Acenaphthene
Concen: 40.648 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:154 Resp: 149828
Ion Ratio Lower Upper
154 100
153 119.5 91.0 136.4
152 57.5 43.1 64.7





#53
3-Nitroaniline
Concen: 31.068 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

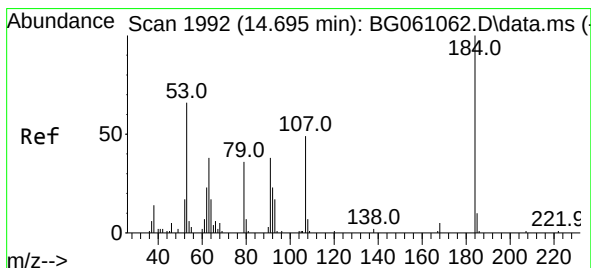
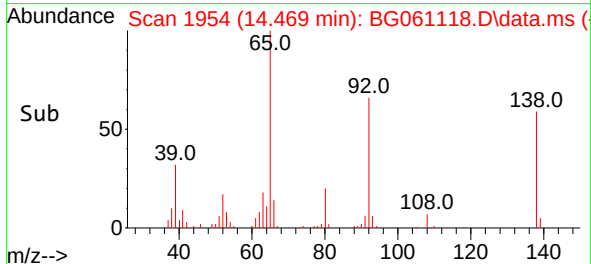
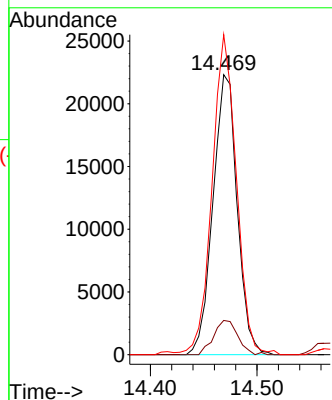
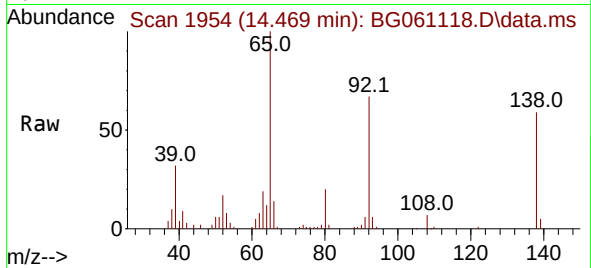
Instrument :

BNA_G

ClientSampleId :

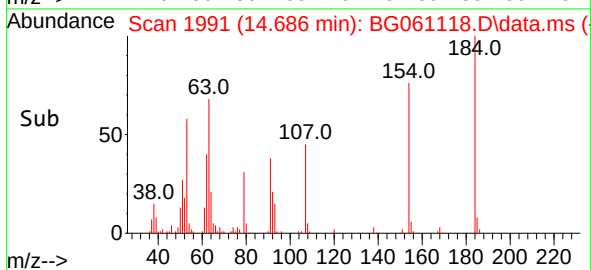
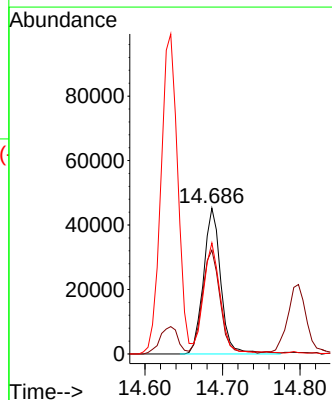
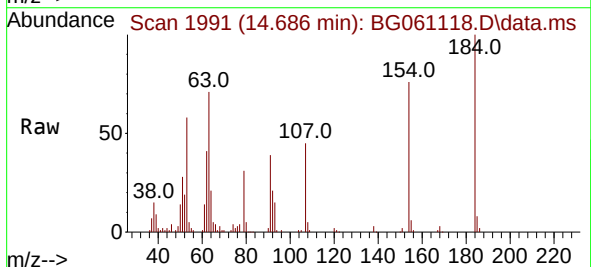
PB160699BS

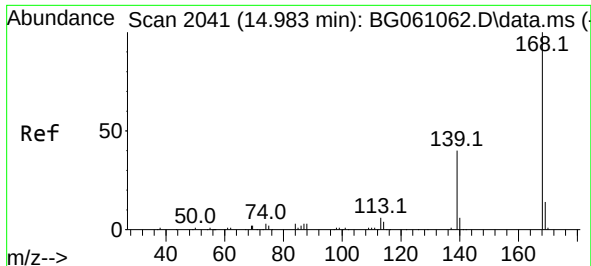
Tgt Ion:138 Resp: 35190
Ion Ratio Lower Upper
138 100
108 12.2 8.2 12.2
92 114.3 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 79.785 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.008 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:184 Resp: 70007
Ion Ratio Lower Upper
184 100
63 71.2 62.6 93.8
154 76.2 61.4 92.0

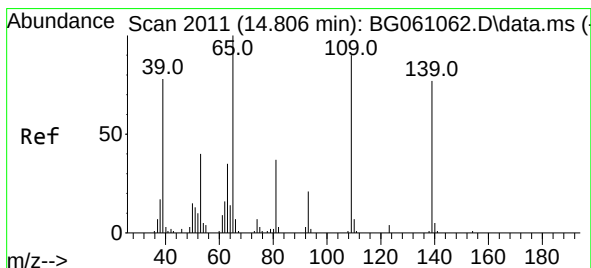
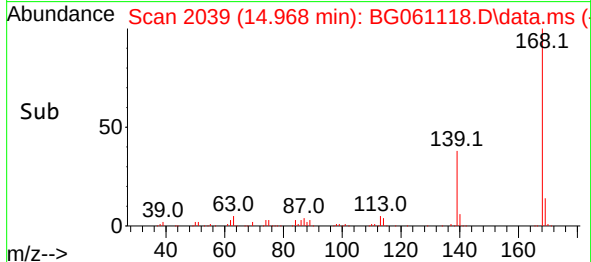
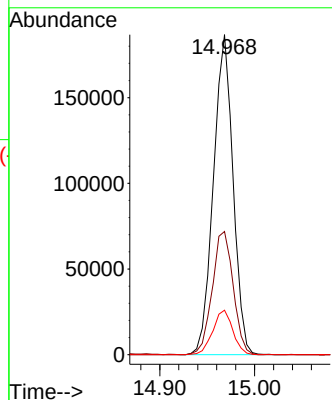
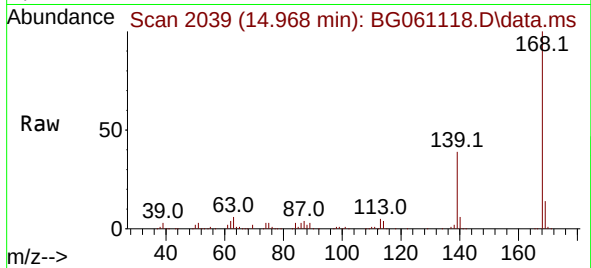




#55
Dibenzenofuran
Concen: 43.035 ng
RT: 14.968 min Scan# 2010
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

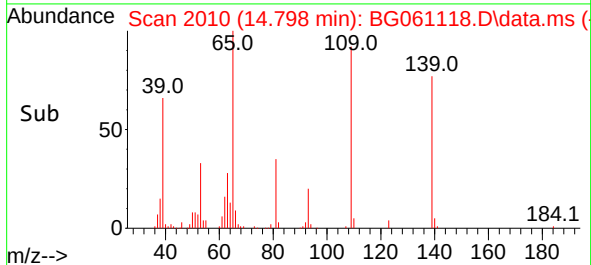
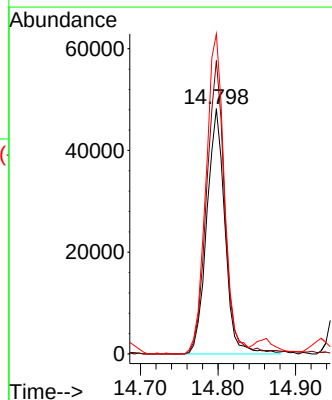
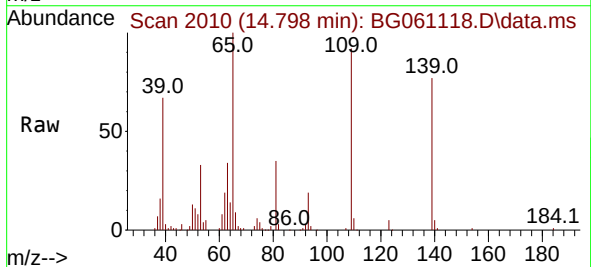
Instrument :
BNA_G
ClientSampleId :
PB160699BS

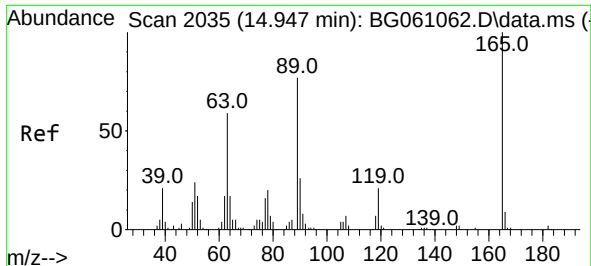
Tgt Ion:168 Resp: 267931
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.4
169 13.9 11.4 17.2



#56
4-Nitrophenol
Concen: 85.662 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.008 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:139 Resp: 78414
Ion Ratio Lower Upper
139 100
109 119.7 97.7 137.7
65 130.5 110.7 150.7





#57

2,4-Dinitrotoluene

Concen: 42.732 ng

RT: 14.933 min Scan# 2033

Delta R.T. -0.014 min

Lab File: BG061118.D

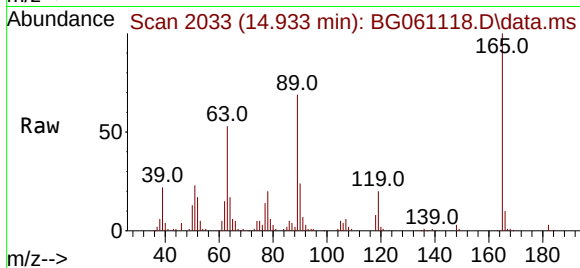
Acq: 6 May 2024 12:57

Instrument :

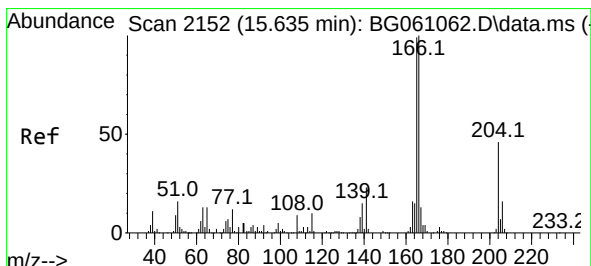
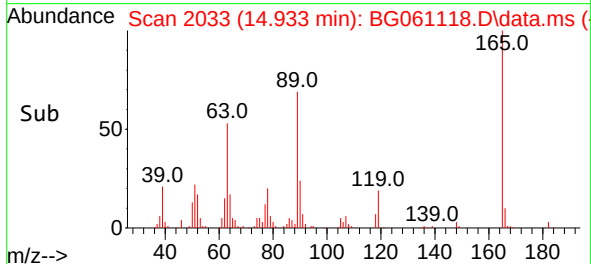
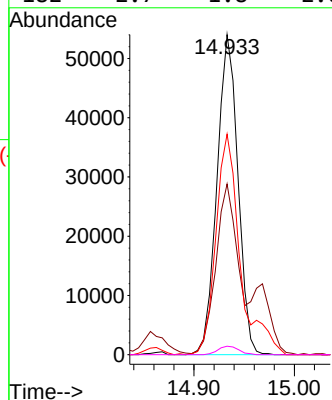
BNA_G

ClientSampleId :

PB160699BS



Tgt Ion:	165	Resp:	78262
Ion Ratio	Lower	Upper	
165	100		
63	53.4	47.3	70.9
89	68.9	61.8	92.8
182	2.7	1.8	2.6



#58

Fluorene

Concen: 41.898 ng

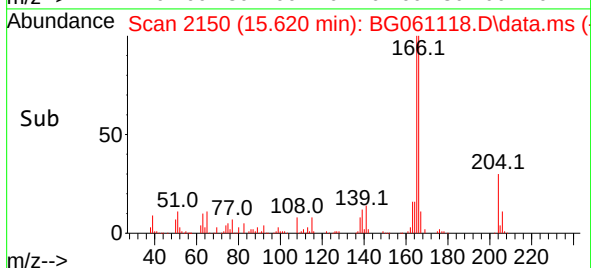
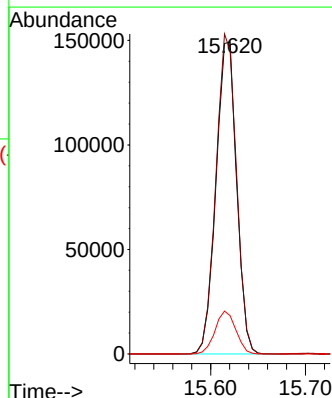
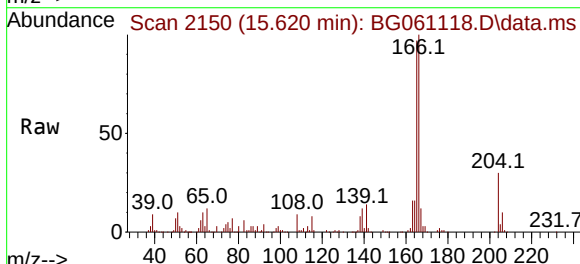
RT: 15.620 min Scan# 2150

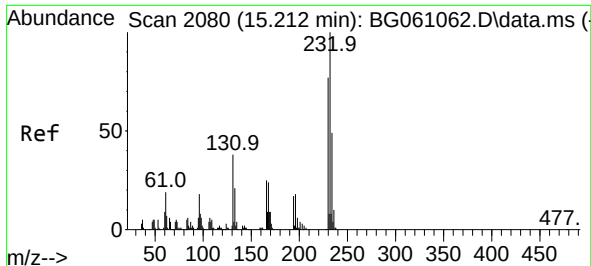
Delta R.T. -0.014 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Tgt Ion:	166	Resp:	225723
Ion Ratio	Lower	Upper	
166	100		
165	97.1	78.9	118.3
167	12.3	10.6	15.8

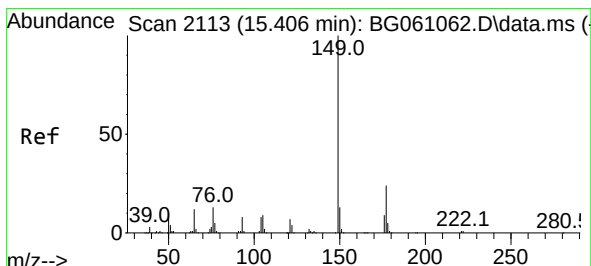
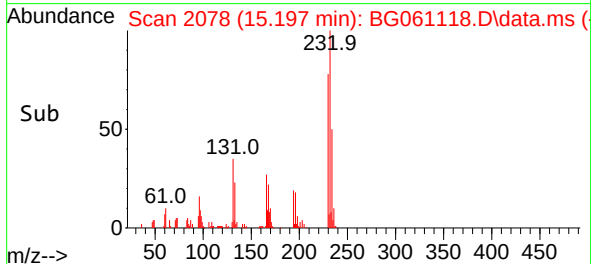
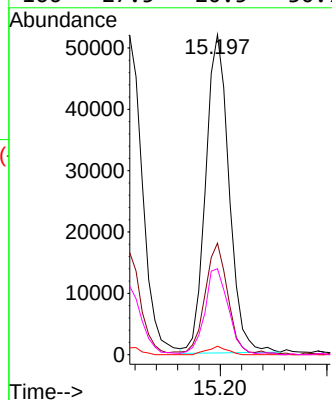
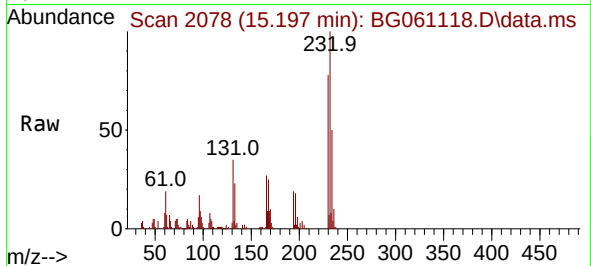




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.310 ng
RT: 15.197 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

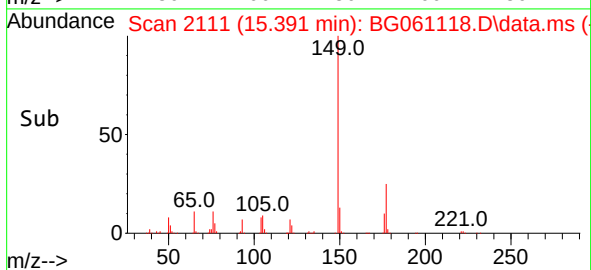
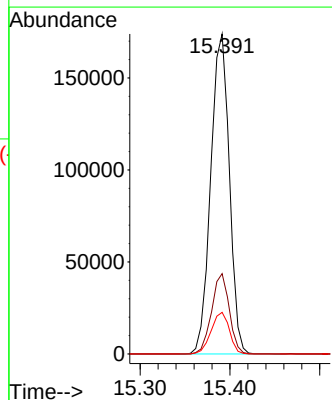
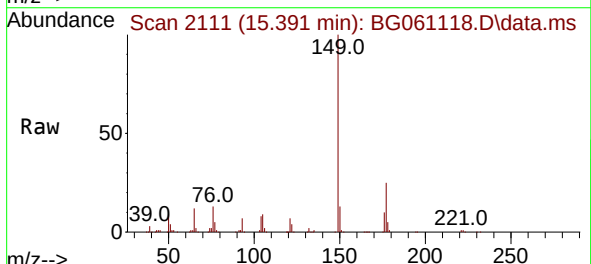
Instrument :
BNA_G
ClientSampleId :
PB160699BS

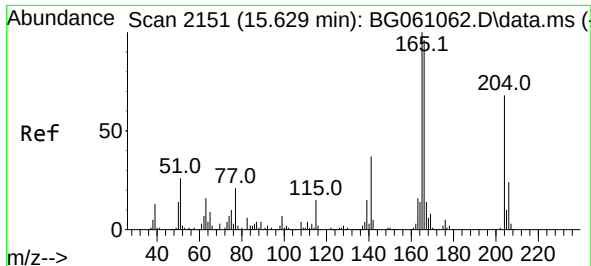
Tgt Ion:232	Resp:	79135
Ion Ratio	Lower	Upper
232	100	
131	32.5	27.0 40.4
130	2.2	1.7 2.5
166	27.5	20.5 30.7



#60
Diethylphthalate
Concen: 42.792 ng
RT: 15.391 min Scan# 2111
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

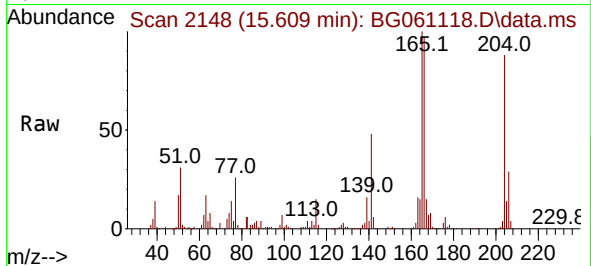
Tgt Ion:149	Resp:	249742
Ion Ratio	Lower	Upper
149	100	
177	25.1	19.1 28.7
150	13.0	10.6 16.0



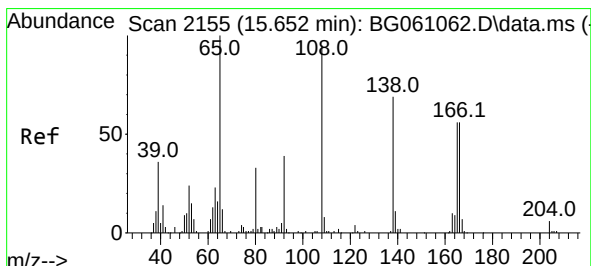
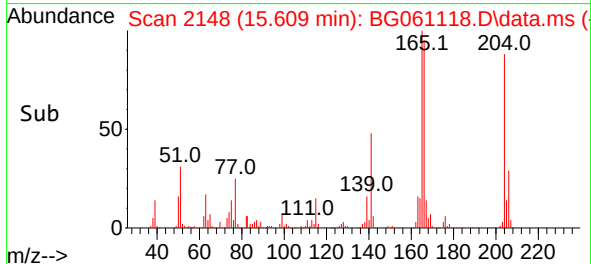
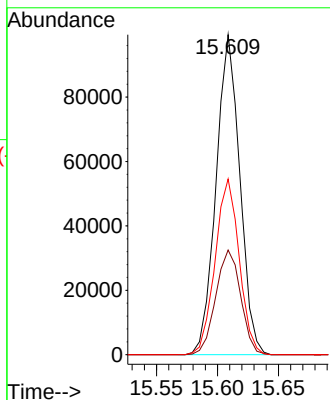


#61
4-Chlorophenyl-phenylether
Concen: 41.666 ng
RT: 15.609 min Scan# 2151
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Instrument :
BNA_G
ClientSampleId :
PB160699BS

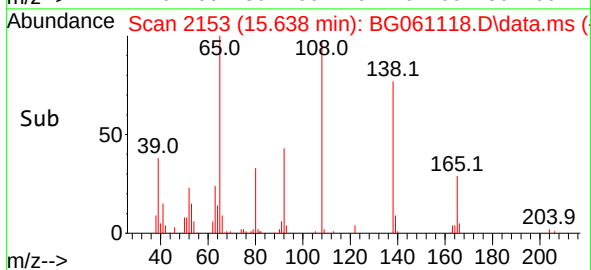
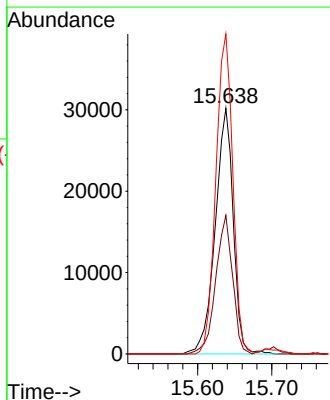
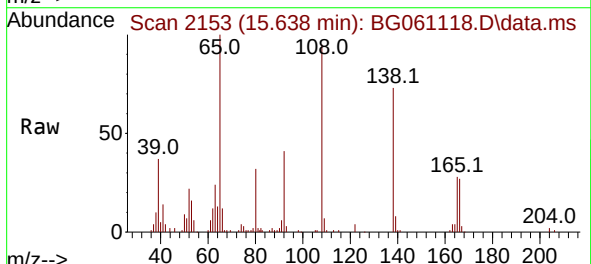


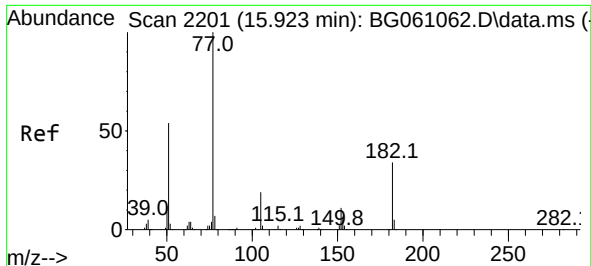
Tgt Ion:204 Resp: 134787
Ion Ratio Lower Upper
204 100
206 32.7 27.8 41.6
141 54.9 42.9 64.3



#62
4-Nitroaniline
Concen: 41.502 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:138 Resp: 50985
Ion Ratio Lower Upper
138 100
92 56.4 35.5 75.5
108 130.3 116.2 156.2

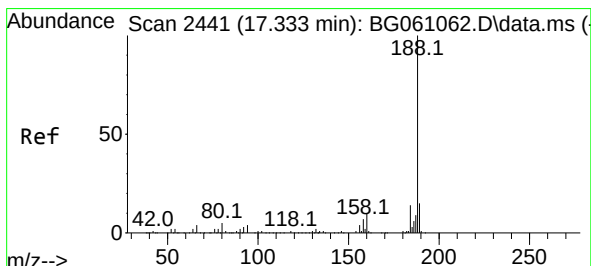
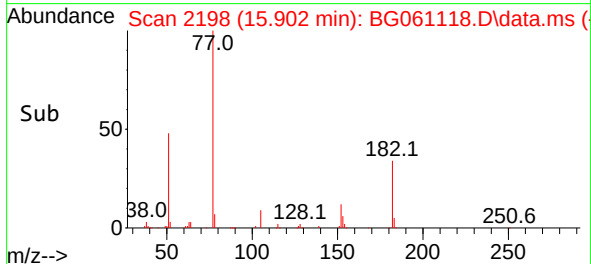
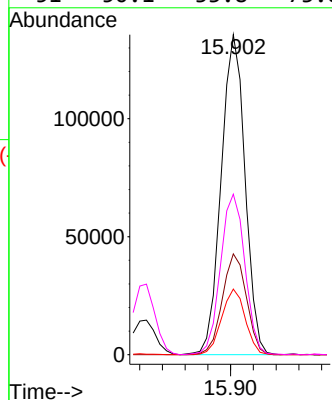
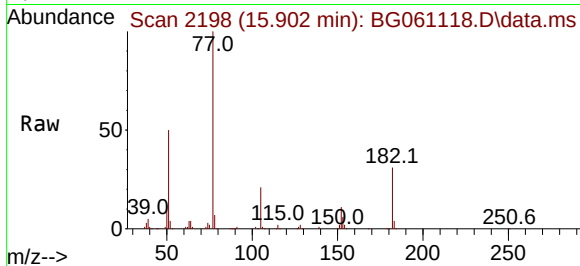




#63
Azobenzene
Concen: 43.560 ng
RT: 15.902 min Scan# 2198
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

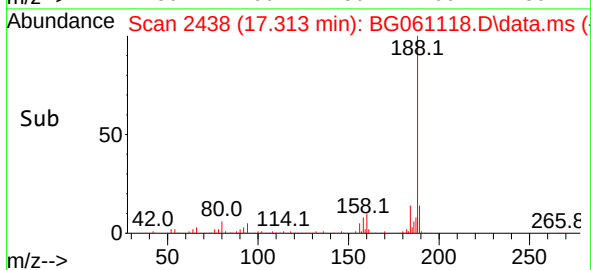
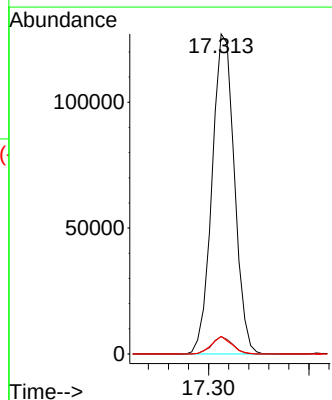
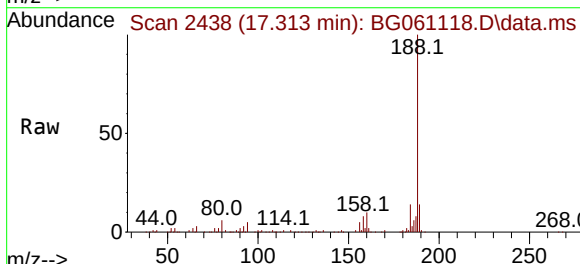
Instrument :
BNA_G
ClientSampleId :
PB160699BS

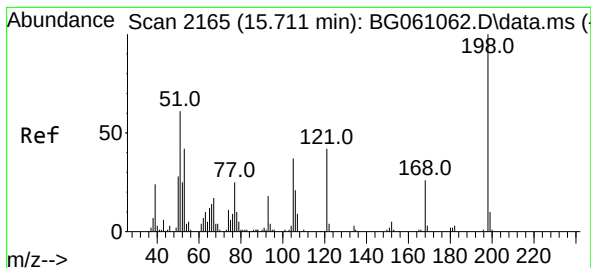
Tgt Ion: 77	Resp: 197901
Ion Ratio	Lower Upper
77 100	
182 31.5	13.5 53.5
105 20.5	0.0 39.3
51 50.1	33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:188	Resp: 196538
Ion Ratio	Lower Upper
188 100	
94 5.4	3.6 5.4#
80 5.5	4.2 6.2

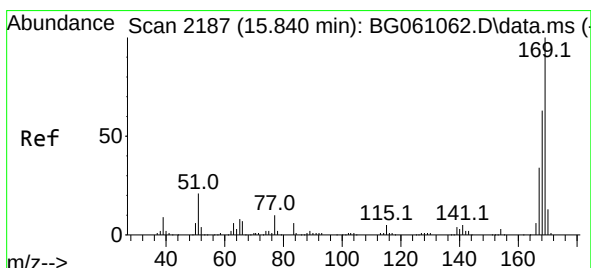
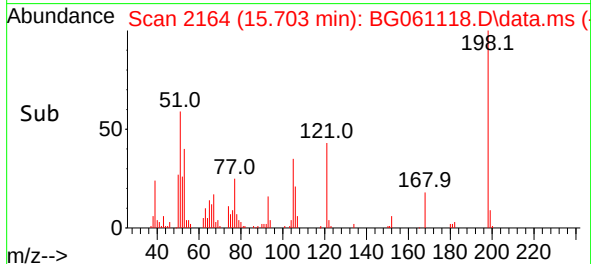
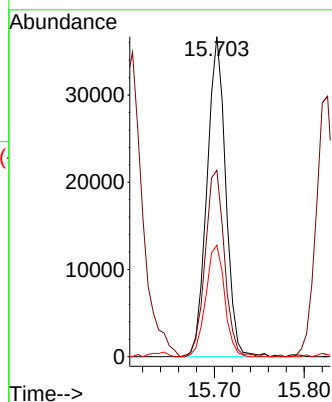
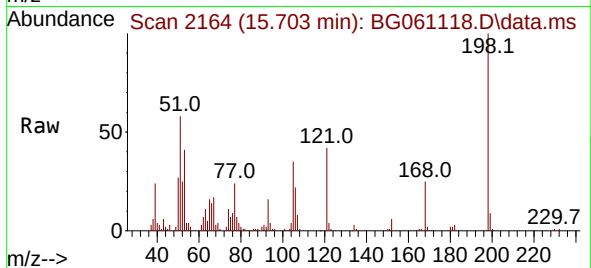




#65
4,6-Dinitro-2-methylphenol
Concen: 43.448 ng
RT: 15.703 min Scan# 2164
Delta R.T. -0.008 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

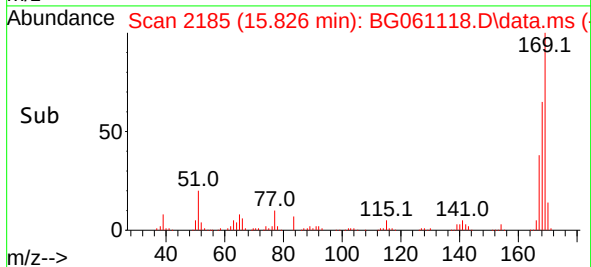
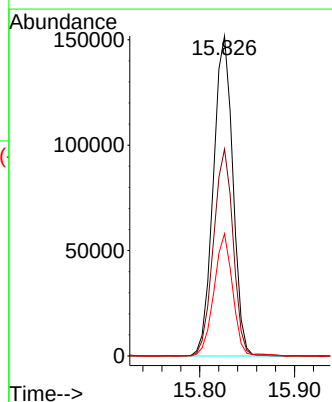
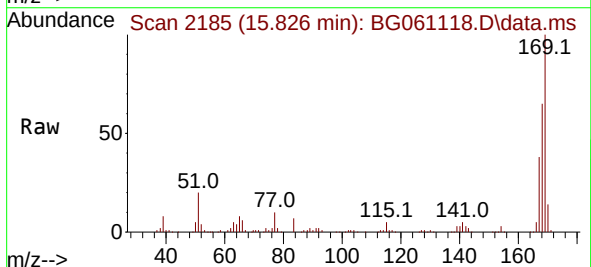
Instrument :
BNA_G
ClientSampleId :
PB160699BS

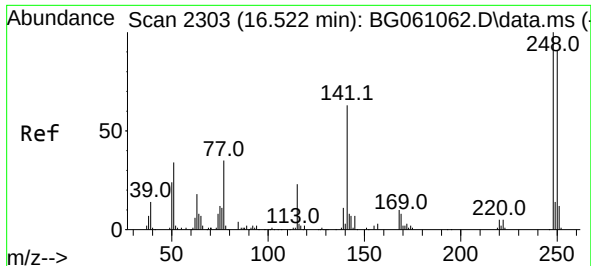
Tgt Ion:198 Resp: 52981
Ion Ratio Lower Upper
198 100
51 58.2 41.2 81.2
105 34.9 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 44.431 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:169 Resp: 216548
Ion Ratio Lower Upper
169 100
168 64.7 50.6 75.8
167 38.2 27.4 41.2

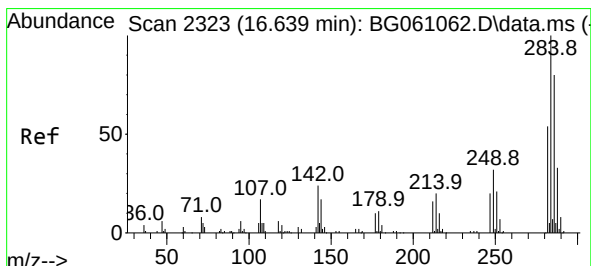
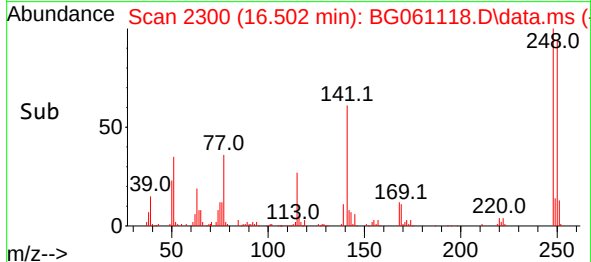
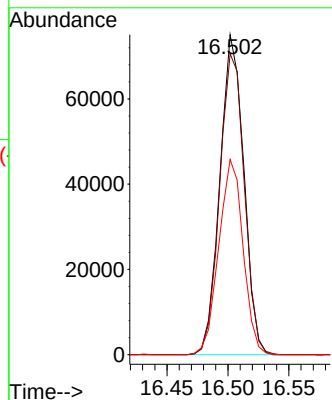
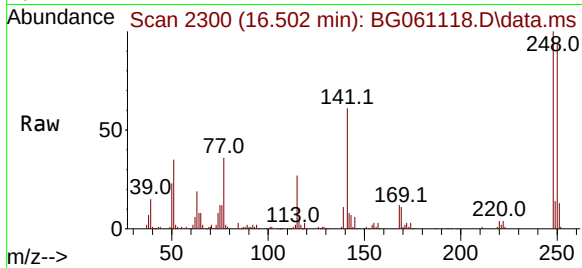




#67
4-Bromophenyl-phenylether
Concen: 44.272 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

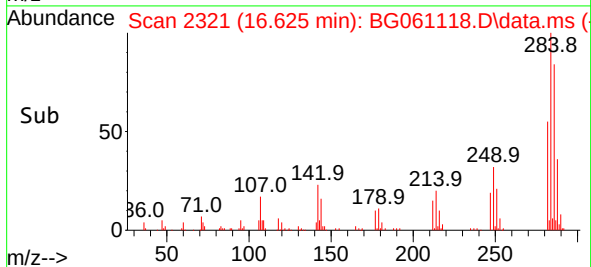
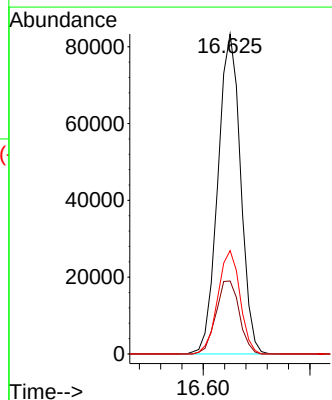
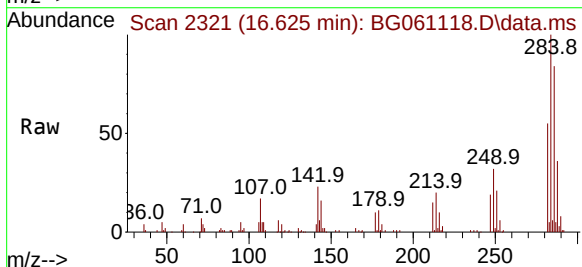
Instrument :
BNA_G
ClientSampleId :
PB160699BS

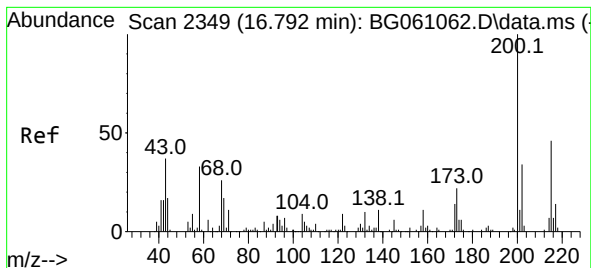
Tgt Ion:248 Resp: 102502
Ion Ratio Lower Upper
248 100
250 94.0 73.0 109.4
141 61.0 50.8 76.2



#68
Hexachlorobenzene
Concen: 42.613 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:284 Resp: 122798
Ion Ratio Lower Upper
284 100
142 22.8 19.2 28.8
249 32.3 25.4 38.2





#69

Atrazine

Concen: 48.648 ng

RT: 16.778 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

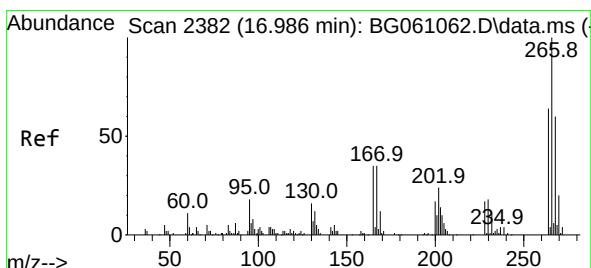
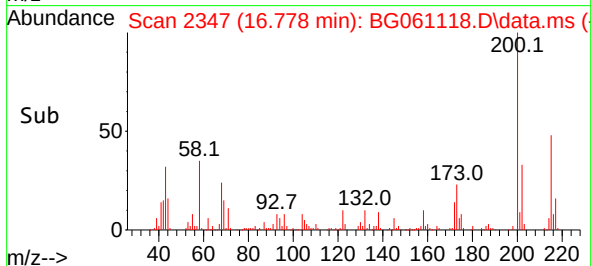
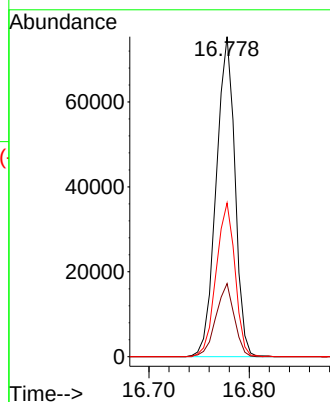
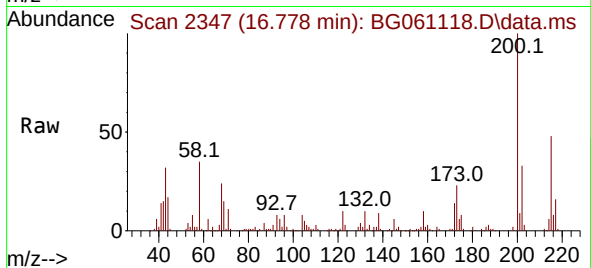
Tgt Ion:200 Resp: 97780

Ion Ratio Lower Upper

200 100

173 22.9 2.0 42.0

215 48.0 26.2 66.2



#70

Pentachlorophenol

Concen: 74.664 ng

RT: 16.972 min Scan# 2380

Delta R.T. -0.014 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

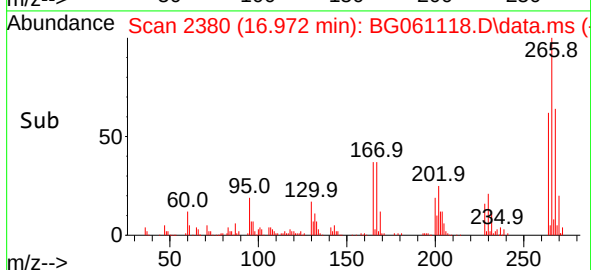
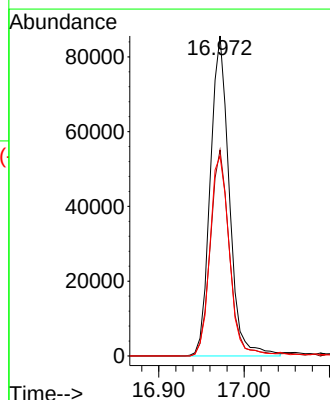
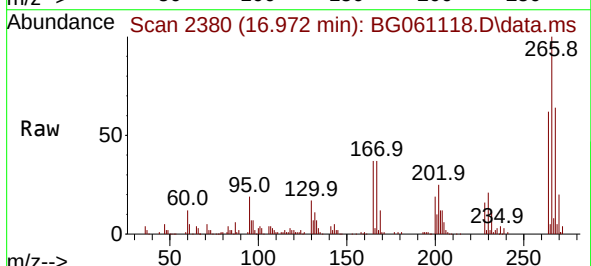
Tgt Ion:266 Resp: 132182

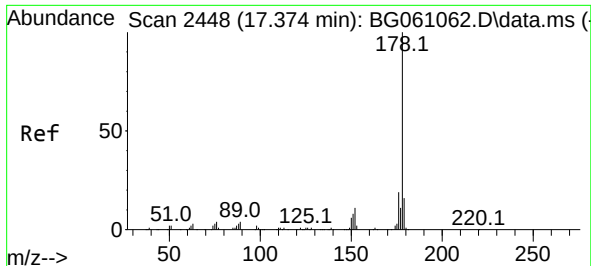
Ion Ratio Lower Upper

266 100

268 64.3 47.8 71.8

264 62.5 51.5 77.3

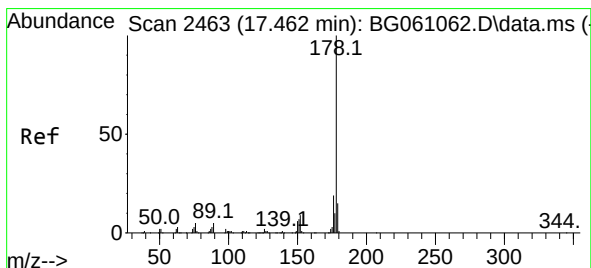
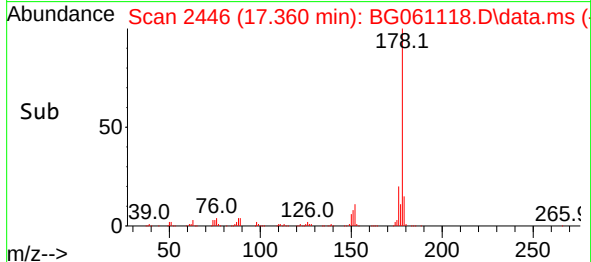
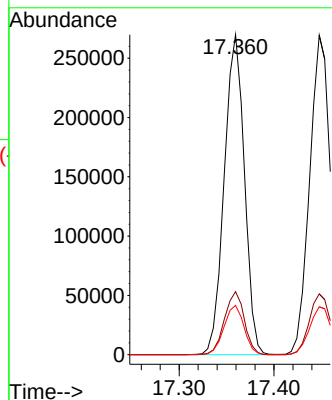
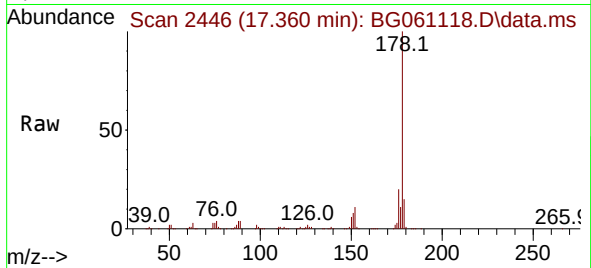




#71
Phenanthrene
Concen: 44.411 ng
RT: 17.360 min Scan# 2448
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

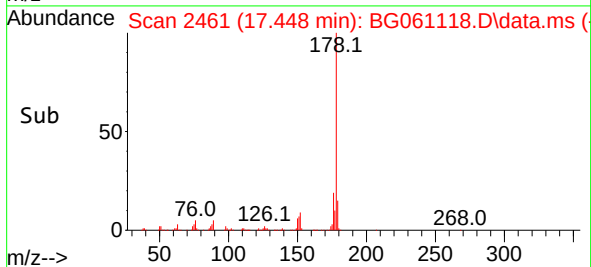
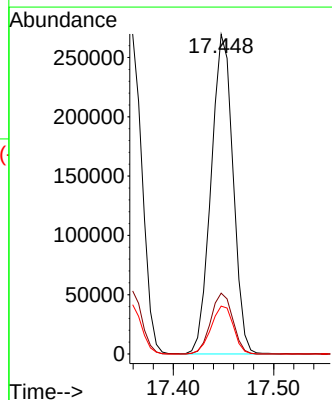
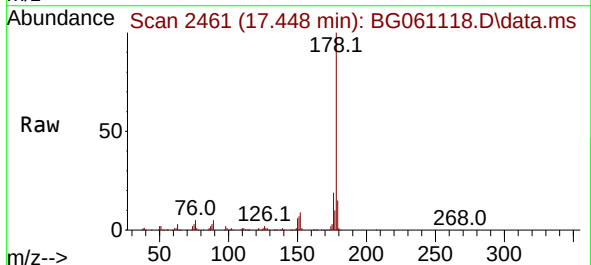
Instrument :
BNA_G
ClientSampleId :
PB160699BS

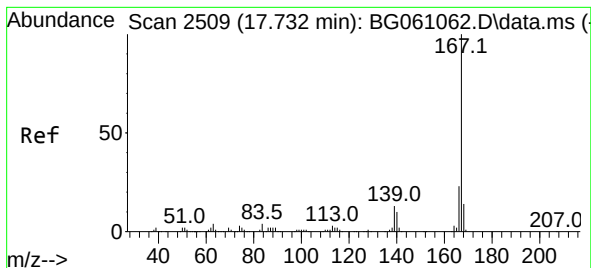
Tgt Ion:178 Resp: 399103
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.4 12.6 19.0



#72
Anthracene
Concen: 45.694 ng
RT: 17.448 min Scan# 2461
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:178 Resp: 409741
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.0 12.0 18.0





#73

Carbazole

Concen: 44.703 ng

RT: 17.718 min Scan# 2

Delta R.T. -0.014 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

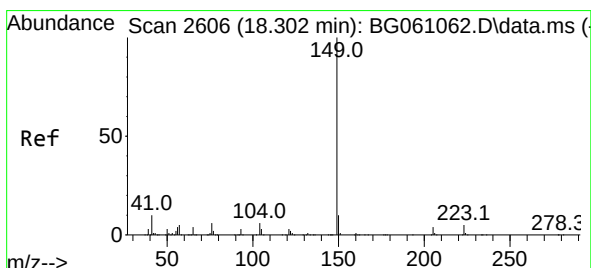
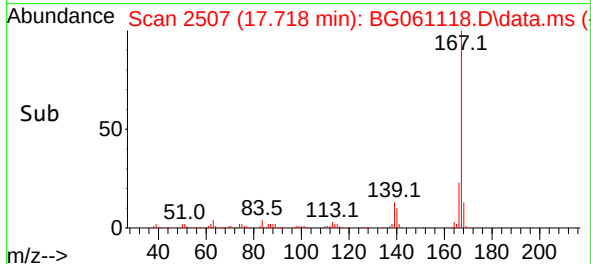
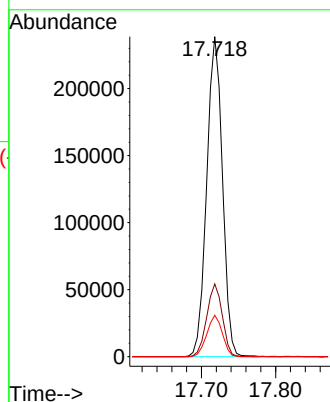
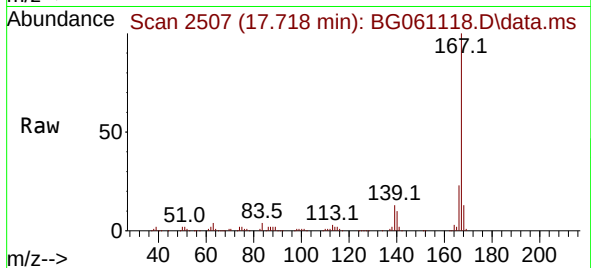
Tgt Ion:167 Resp: 352445

Ion Ratio Lower Upper

167 100

166 22.8 18.7 28.1

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 44.536 ng

RT: 18.282 min Scan# 2603

Delta R.T. -0.020 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

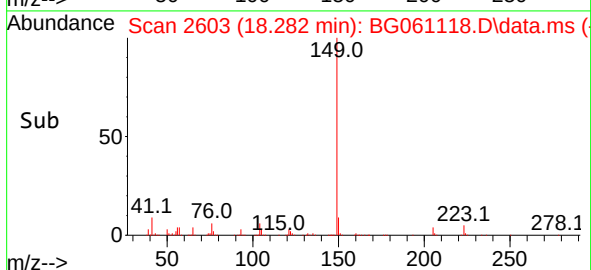
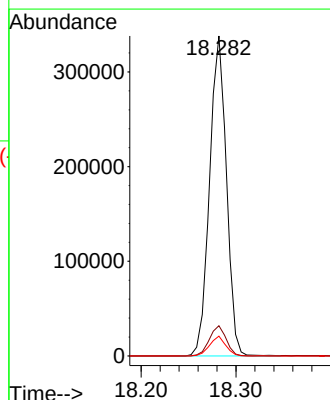
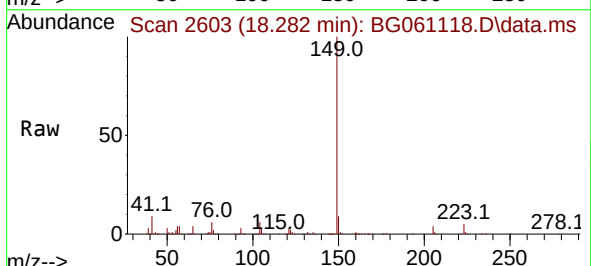
Tgt Ion:149 Resp: 417529

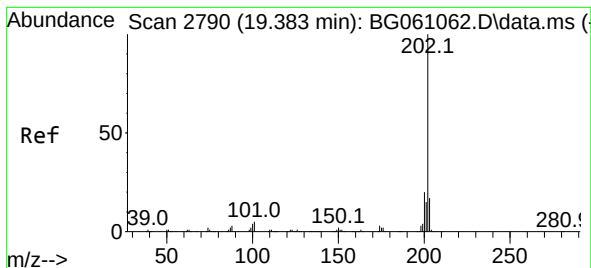
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 6.2 5.0 7.6





#75

Fluoranthene

Concen: 42.834 ng

RT: 19.369 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

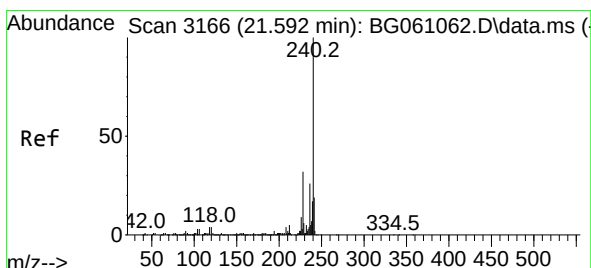
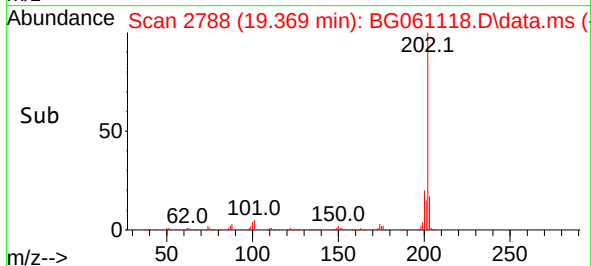
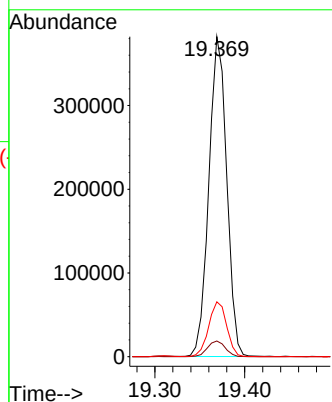
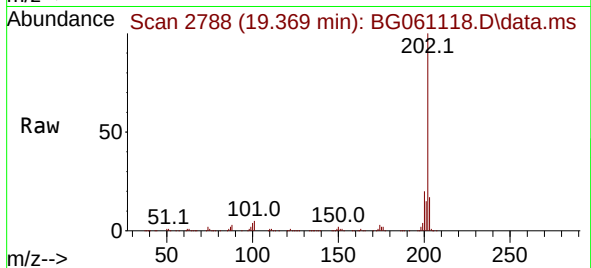
Tgt Ion:202 Resp: 527342

Ion Ratio Lower Upper

202 100

101 4.9 0.0 24.7

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3163

Delta R.T. -0.020 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

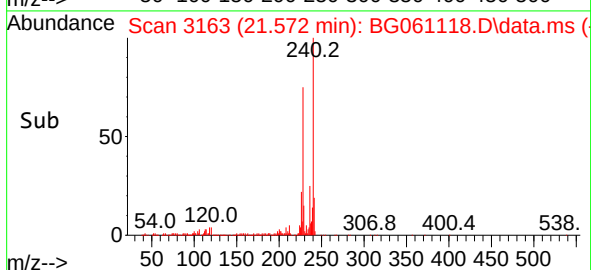
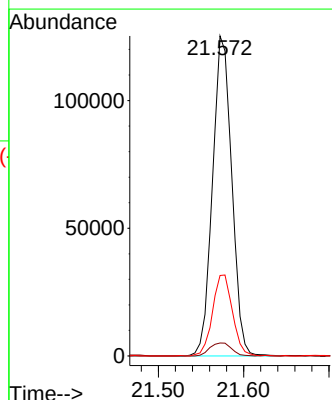
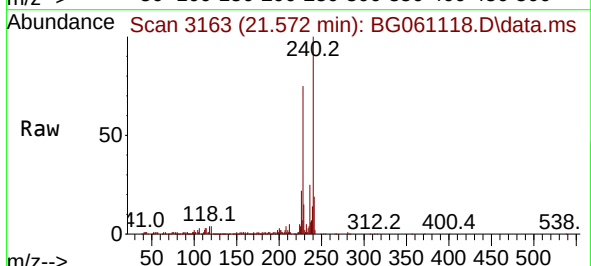
Tgt Ion:240 Resp: 196873

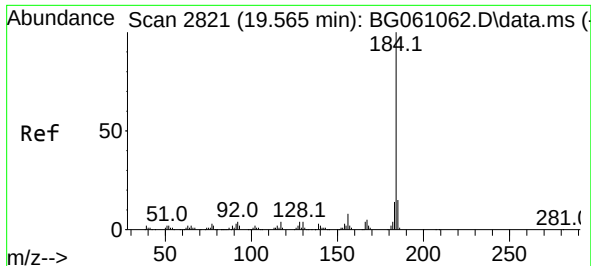
Ion Ratio Lower Upper

240 100

120 4.1 3.2 4.8

236 25.2 21.0 31.6

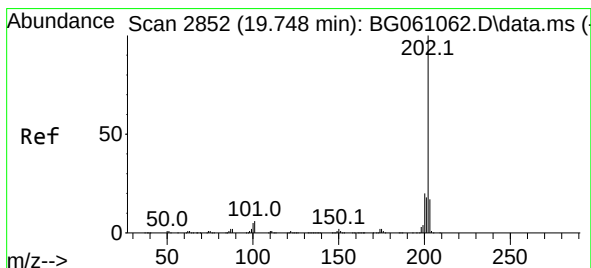
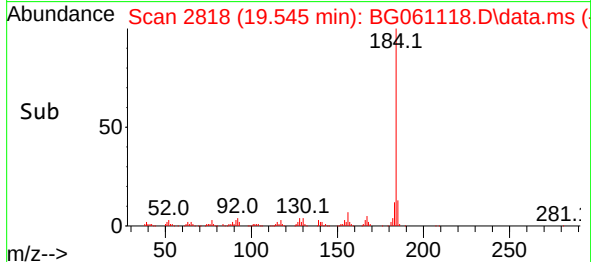
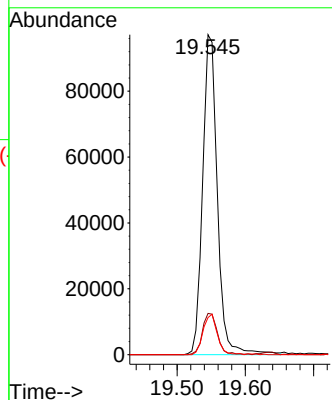
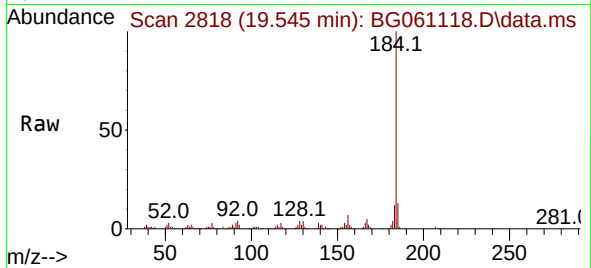




#77
Benzidine
Concen: 39.397 ng
RT: 19.545 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

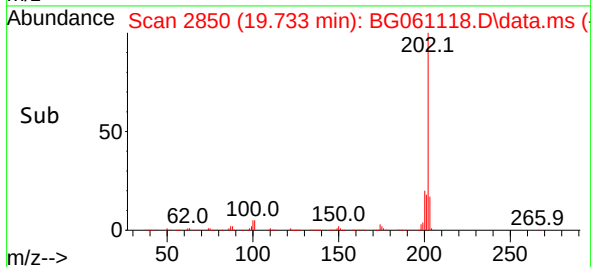
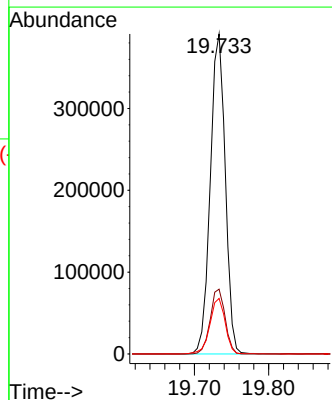
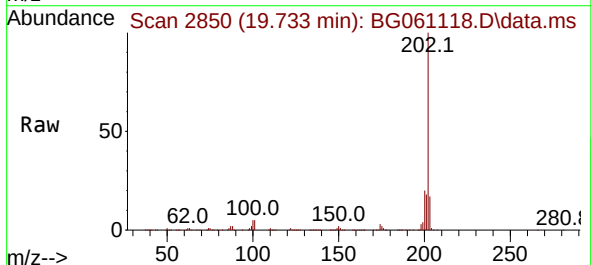
Instrument :
BNA_G
ClientSampleId :
PB160699BS

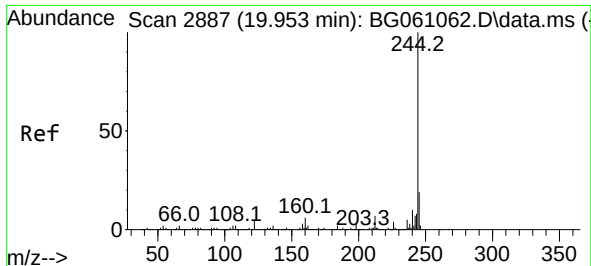
Tgt Ion:184 Resp: 145602
Ion Ratio Lower Upper
184 100
185 12.9 12.0 18.0
183 11.6 10.9 16.3



#78
Pyrene
Concen: 43.842 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:202 Resp: 548747
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 17.3 13.3 19.9

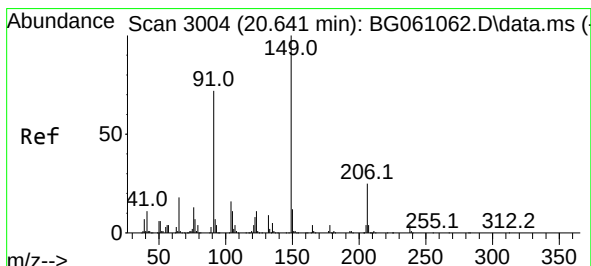
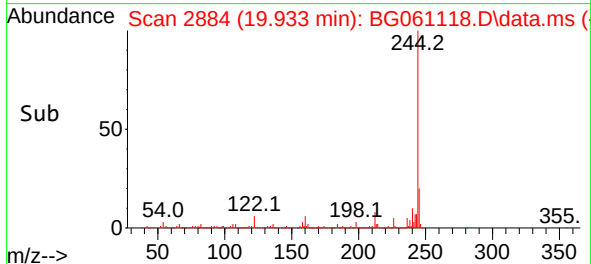
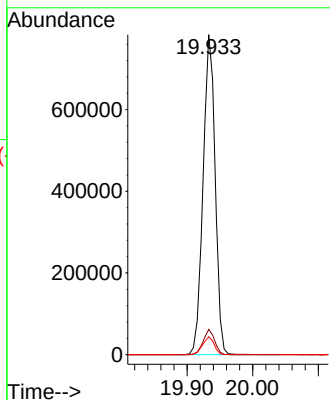
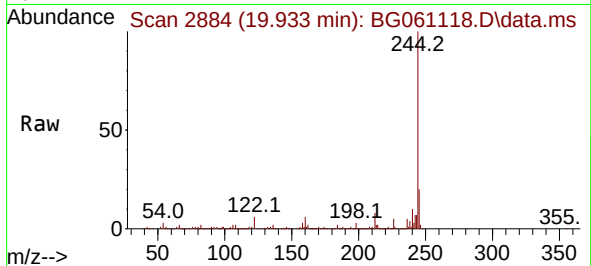




#79
 Terphenyl-d14
 Concen: 84.872 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG061118.D
 Acq: 6 May 2024 12:57

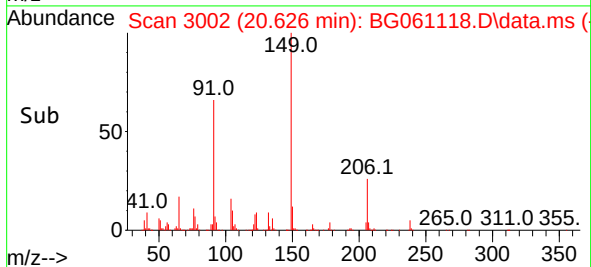
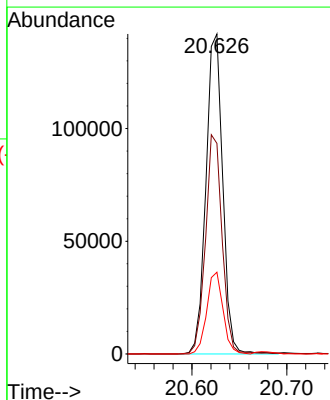
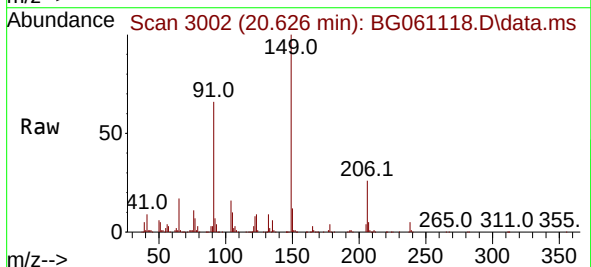
Instrument :
 BNA_G
 ClientSampleId :
 PB160699BS

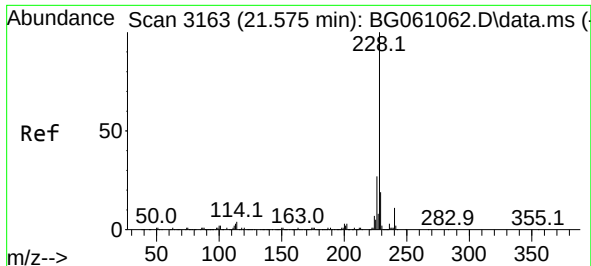
Tgt Ion:244 Resp: 1004667
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 5.6 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 43.961 ng
 RT: 20.626 min Scan# 3002
 Delta R.T. -0.014 min
 Lab File: BG061118.D
 Acq: 6 May 2024 12:57

Tgt Ion:149 Resp: 174174
 Ion Ratio Lower Upper
 149 100
 91 65.8 57.4 86.2
 206 25.6 19.8 29.6

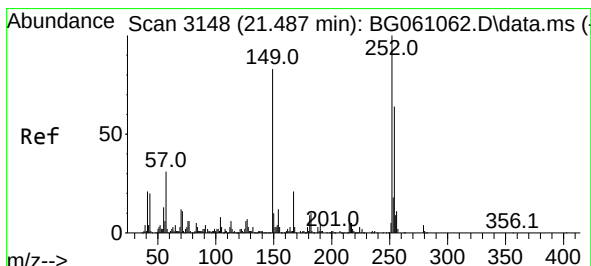
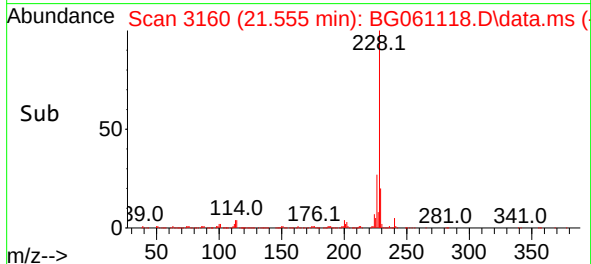
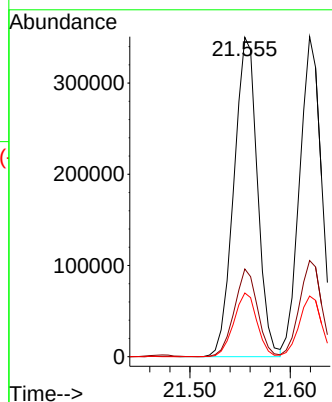
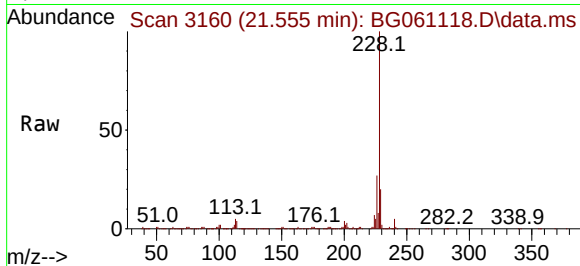




#81
Benzo(a)anthracene
Concen: 44.294 ng
RT: 21.555 min Scan# 3160
Delta R.T. -0.020 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

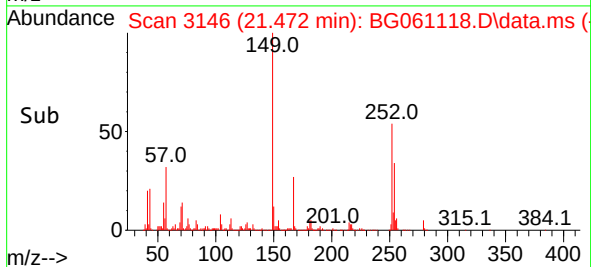
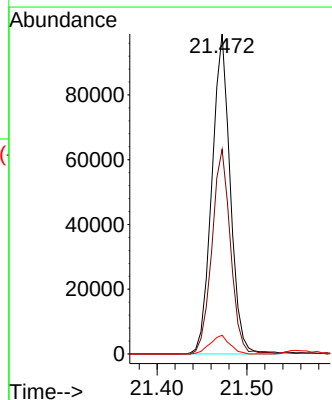
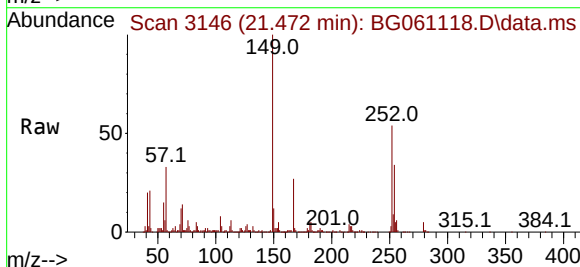
Instrument :
BNA_G
ClientSampleId :
PB160699BS

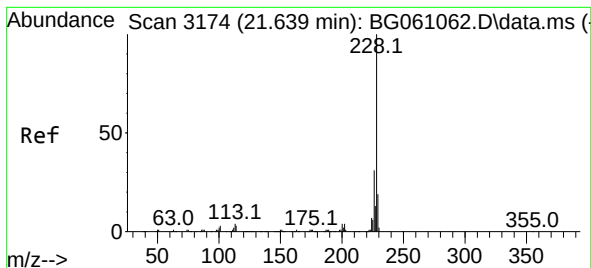
Tgt Ion:228 Resp: 570632
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.0 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 30.245 ng
RT: 21.472 min Scan# 3146
Delta R.T. -0.014 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:252 Resp: 140223
Ion Ratio Lower Upper
252 100
254 63.9 51.3 76.9
126 5.9 5.2 7.8





#83

Chrysene

Concen: 43.748 ng

RT: 21.619 min Scan# 3171

Delta R.T. -0.020 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

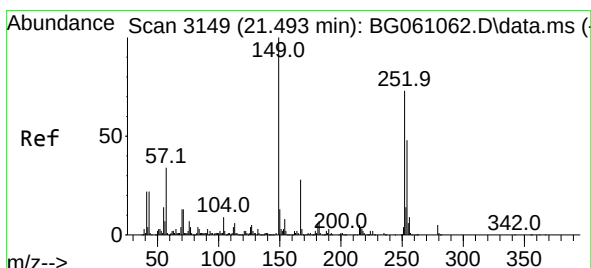
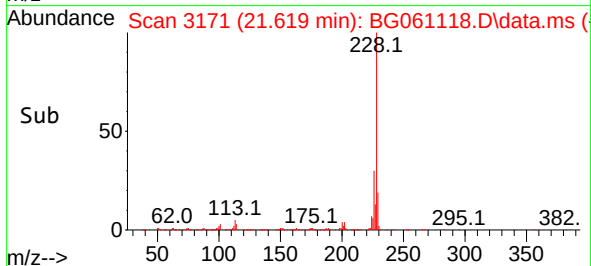
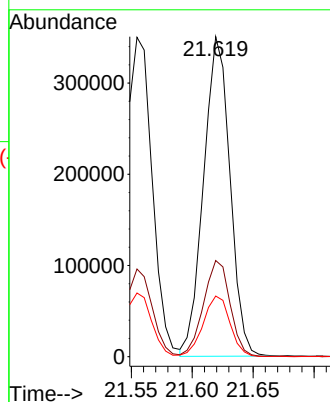
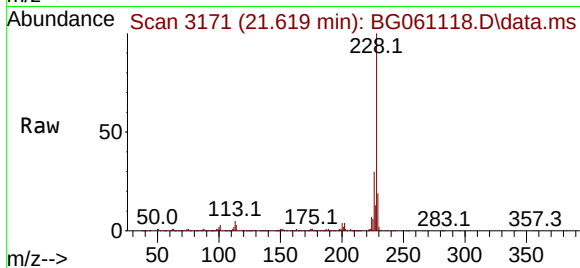
Tgt Ion:228 Resp: 528035

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.677 ng

RT: 21.472 min Scan# 3146

Delta R.T. -0.020 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

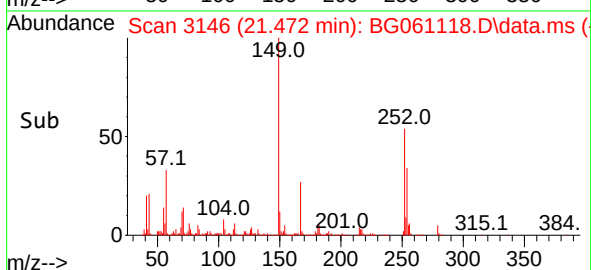
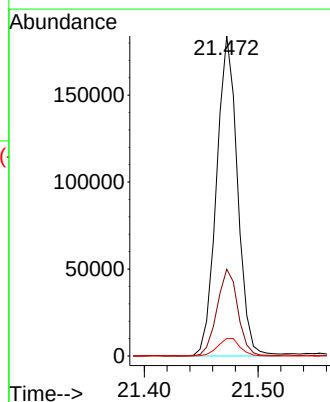
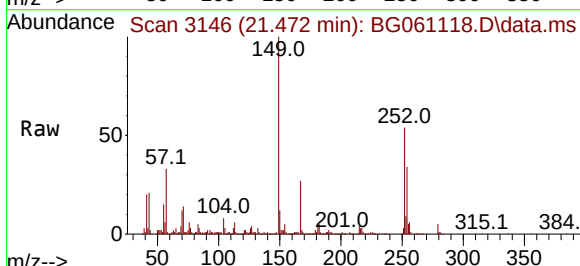
Tgt Ion:149 Resp: 236318

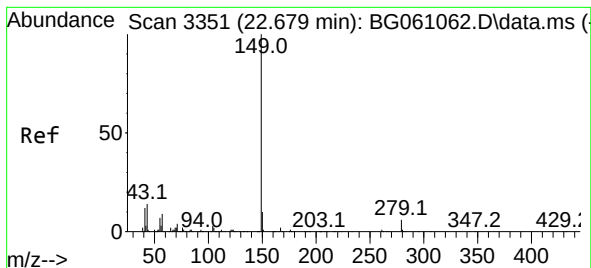
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 5.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 42.811 ng

RT: 22.653 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

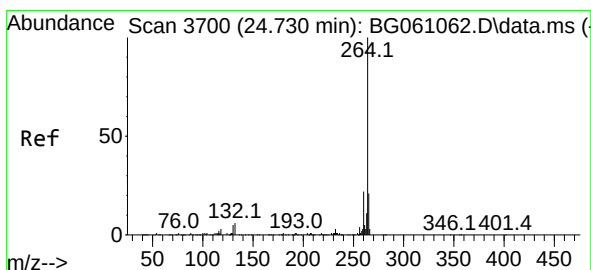
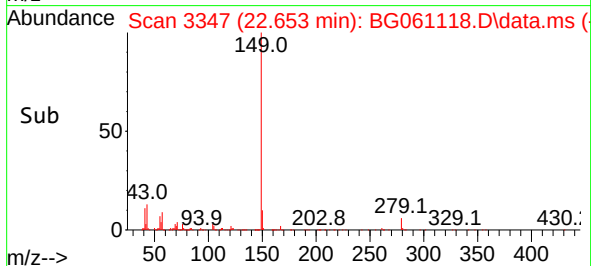
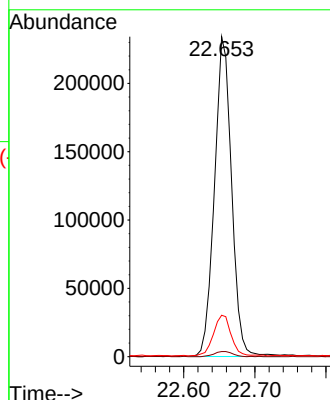
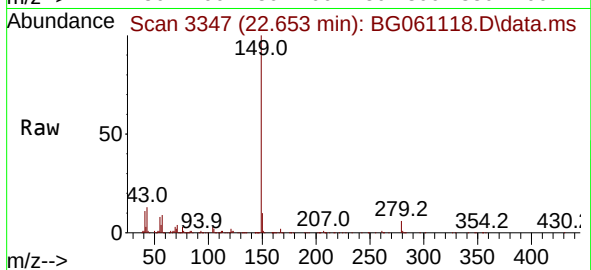
Tgt Ion:149 Resp: 390773

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 13.0 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3695

Delta R.T. -0.032 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

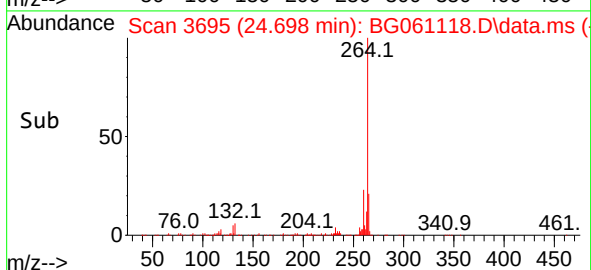
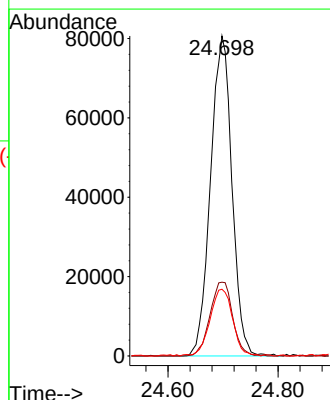
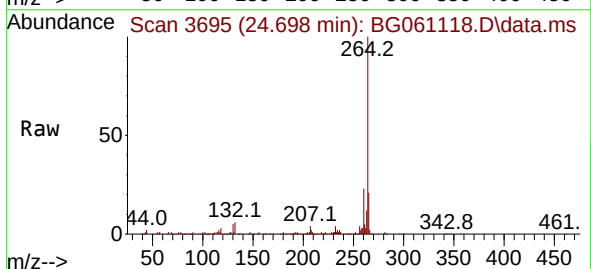
Tgt Ion:264 Resp: 217809

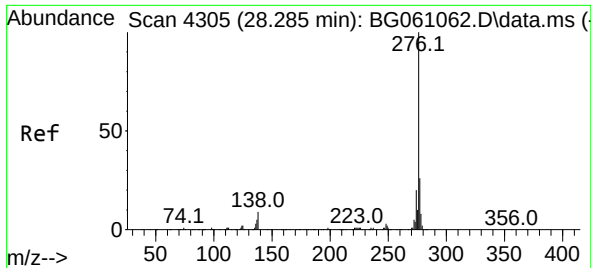
Ion Ratio Lower Upper

264 100

260 23.1 17.7 26.5

265 20.8 16.4 24.6

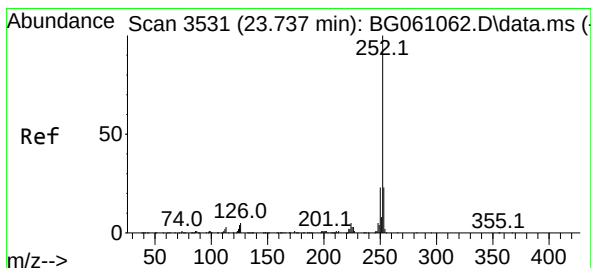
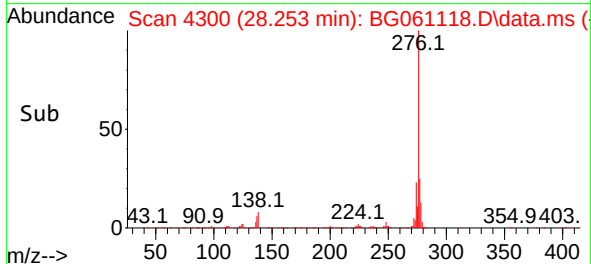
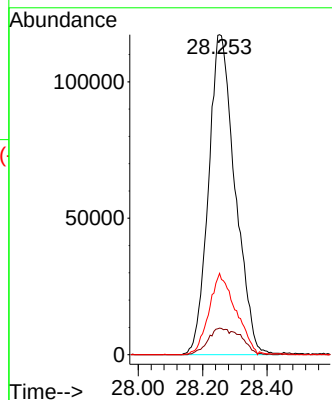
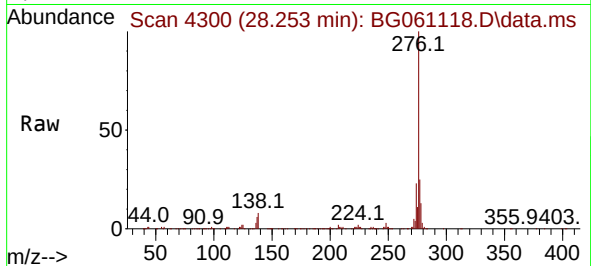




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.590 ng
RT: 28.253 min Scan# 41
Delta R.T. -0.032 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

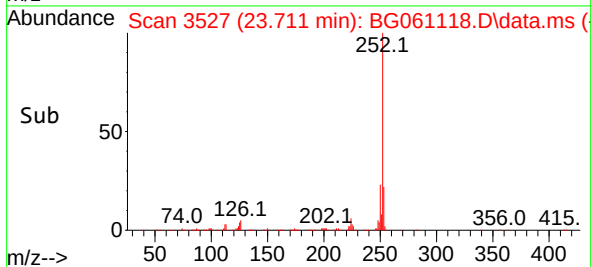
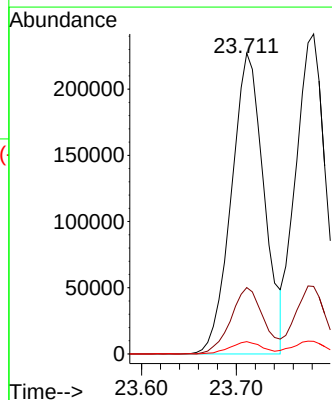
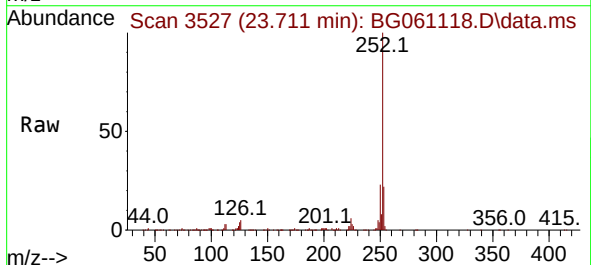
Instrument :
BNA_G
ClientSampleId :
PB160699BS

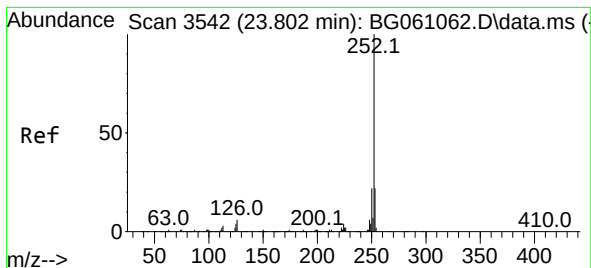
Tgt Ion:276 Resp: 672508
Ion Ratio Lower Upper
276 100
138 10.2 5.1 7.7#
277 25.4 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 44.732 ng
RT: 23.711 min Scan# 3527
Delta R.T. -0.026 min
Lab File: BG061118.D
Acq: 6 May 2024 12:57

Tgt Ion:252 Resp: 544449
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 4.1 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 45.250 ng

RT: 23.781 min Scan# 3

Delta R.T. -0.020 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

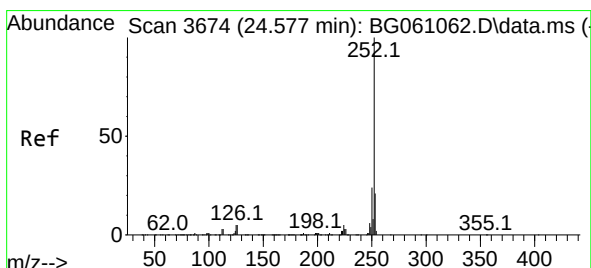
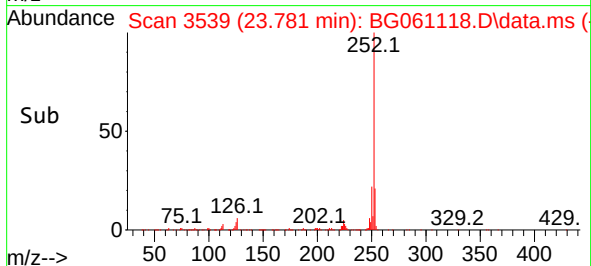
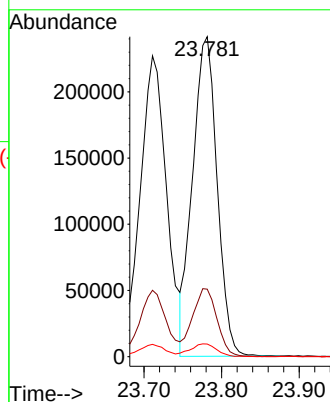
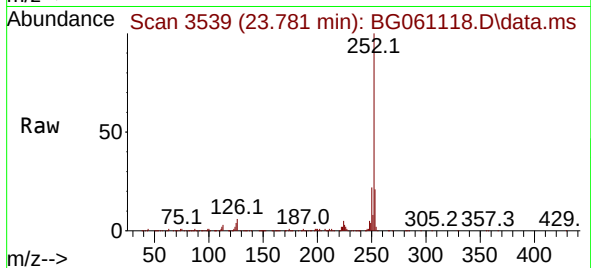
Tgt Ion:252 Resp: 529837

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 4.0 3.2 4.8



#90

Benzo(a)pyrene

Concen: 46.629 ng

RT: 24.557 min Scan# 3671

Delta R.T. -0.020 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

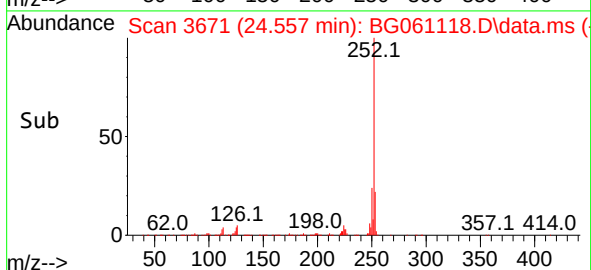
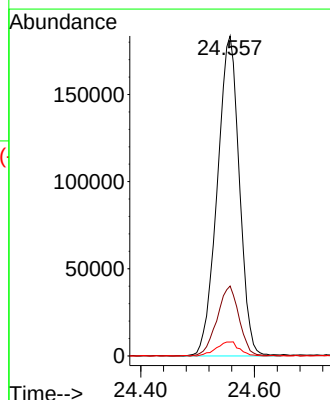
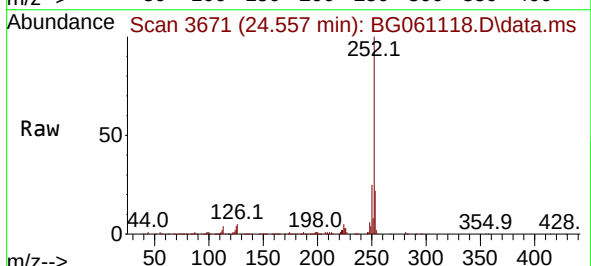
Tgt Ion:252 Resp: 494440

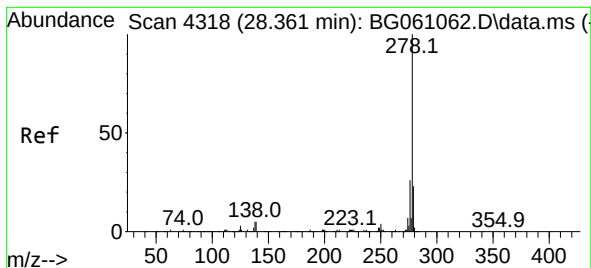
Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 4.4 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 46.062 ng

RT: 28.317 min Scan# 41

Delta R.T. -0.044 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Instrument :

BNA_G

ClientSampleId :

PB160699BS

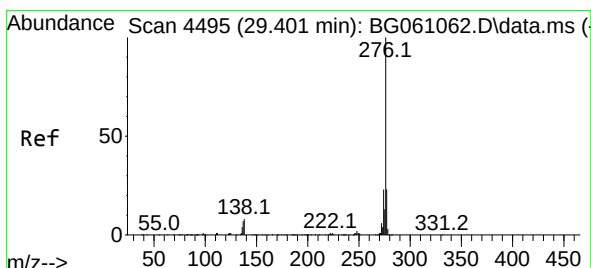
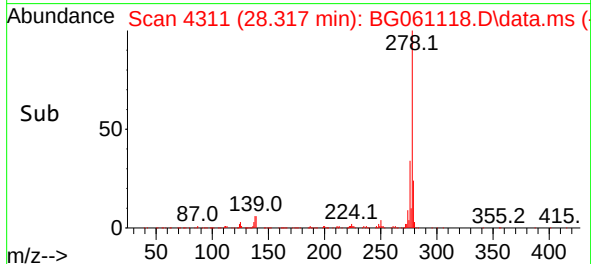
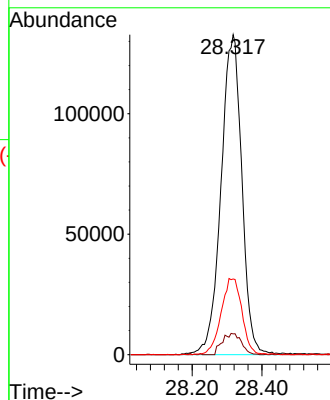
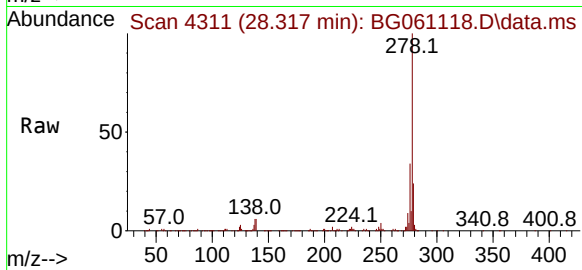
Tgt Ion:278 Resp: 550621

Ion Ratio Lower Upper

278 100

139 6.5 4.2 6.2#

279 23.7 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 43.719 ng

RT: 29.363 min Scan# 4489

Delta R.T. -0.038 min

Lab File: BG061118.D

Acq: 6 May 2024 12:57

Tgt Ion:276 Resp: 519349

Ion Ratio Lower Upper

276 100

277 24.0 18.2 27.4

138 8.9 6.2 9.2

