

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061102.D
 Acq On : 3 May 2024 11:43
 Operator : MA/JU
 Sample : PB160665BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

Quant Time: May 03 12:20:09 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	7.938	152	19640	20.000	ng	-0.02
21) Naphthalene-d8	10.735	136	81202	20.000	ng	-0.02
39) Acenaphthene-d10	14.571	164	69294	20.000	ng	-0.02
64) Phenanthrene-d10	17.315	188	179031	20.000	ng	-0.02
76) Chrysene-d12	21.575	240	180038	20.000	ng	-0.02
86) Perylene-d12	24.695	264	211943	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	142476	147.535	ng	-0.02
7) Phenol-d6	7.121	99	200886	140.618	ng	-0.01
23) Nitrobenzene-d5	9.095	82	139026	84.873	ng	-0.02
42) 2,4,6-Tribromophenol	16.058	330	186390	134.571	ng	-0.02
45) 2-Fluorobiphenyl	13.191	172	417899	89.179	ng	-0.02
79) Terphenyl-d14	19.936	244	947188	87.499	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	11723	30.023	ng	# 89
3) Pyridine	3.831	79	33732	29.358	ng	93
4) n-Nitrosodimethylamine	3.743	42	40216	36.430	ng	100
6) Aniline	7.268	93	53138	37.521	ng	# 95
8) 2-Chlorophenol	7.509	128	58152	49.083	ng	96
9) Benzaldehyde	7.080	77	61235	Below Cal		95
10) Phenol	7.145	94	71200	49.009	ng	93
11) bis(2-Chloroethyl)ether	7.362	93	44070	43.910	ng	98
12) 1,3-Dichlorobenzene	7.832	146	58899	42.170	ng	96
13) 1,4-Dichlorobenzene	7.973	146	61827	42.830	ng	96
14) 1,2-Dichlorobenzene	8.290	146	59663	42.839	ng	95
15) Benzyl Alcohol	8.179	79	60188	46.704	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.455	45	99138	45.522	ng	98
17) 2-Methylphenol	8.390	107	49459	47.772	ng	92
18) Hexachloroethane	9.019	117	22666	44.004	ng	91
19) n-Nitroso-di-n-propyla...	8.743	70	43866	41.030	ng	# 97
20) 3+4-Methylphenols	8.714	107	71305	47.737	ng	99
22) Acetophenone	8.761	105	89872	44.441	ng	# 98
24) Nitrobenzene	9.137	77	69830	43.576	ng	98
25) Isophorone	9.659	82	126532	41.788	ng	98
26) 2-Nitrophenol	9.848	139	35626	46.924	ng	97
27) 2,4-Dimethylphenol	9.912	122	47756	54.558	ng	97
28) bis(2-Chloroethoxy)met...	10.141	93	67163	45.195	ng	95
29) 2,4-Dichlorophenol	10.388	162	69701	50.822	ng	96
30) 1,2,4-Trichlorobenzene	10.600	180	74240	44.925	ng	98
31) Naphthalene	10.788	128	183490	43.479	ng	98
32) Benzoic acid	10.071	122	39854	39.387	ng	# 82
33) 4-Chloroaniline	10.893	127	49048	29.142	ng	99
34) Hexachlorobutadiene	11.075	225	62045	43.758	ng	97
35) Caprolactam	11.669	113	13264	26.856	ng	# 90
36) 4-Chloro-3-methylphenol	12.027	107	78128	47.242	ng	98
37) 2-Methylnaphthalene	12.397	142	139233	44.027	ng	97
38) 1-Methylnaphthalene	12.615	142	133408	41.903	ng	97
40) 1,2,4,5-Tetrachloroben...	12.762	216	112211	48.523	ng	98
41) Hexachlorocyclopentadiene	12.744	237	129425	146.197	ng	94
43) 2,4,6-Trichlorophenol	13.003	196	74390	50.105	ng	93

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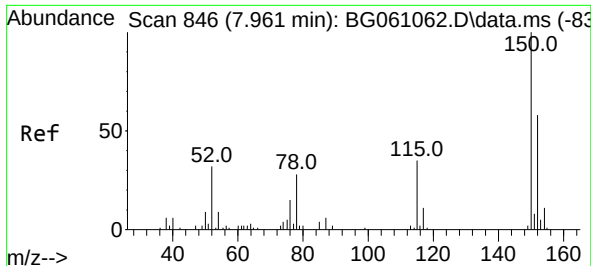
Quant Time: May 03 12:20:09 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	82557	49.132	ng	99
46) 1,1'-Biphenyl	13.402	154	207033	46.597	ng	97
47) 2-Chloronaphthalene	13.443	162	162549	45.689	ng	99
48) 2-Nitroaniline	13.643	65	63343	47.980	ng	93
49) Acenaphthylene	14.289	152	277088	50.709	ng	99
50) Dimethylphthalate	14.025	163	243610	45.516	ng	98
51) 2,6-Dinitrotoluene	14.142	165	51772	45.223	ng	95
52) Acenaphthene	14.636	154	154497	45.323	ng	99
53) 3-Nitroaniline	14.472	138	34173	32.623	ng #	96
54) 2,4-Dinitrophenol	14.689	184	72899	89.559	ng	99
55) Dibenzofuran	14.971	168	273560	47.512	ng	99
56) 4-Nitrophenol	14.795	139	79262	93.630	ng	99
57) 2,4-Dinitrotoluene	14.936	165	75746	44.721	ng	93
58) Fluorene	15.617	166	227072	45.576	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	79448	45.931	ng	97
60) Diethylphthalate	15.388	149	240082	44.482	ng	99
61) 4-Chlorophenyl-phenyle...	15.611	204	136204	45.528	ng	98
62) 4-Nitroaniline	15.635	138	50607	44.545	ng	89
63) Azobenzene	15.905	77	195515	46.534	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	52961	47.678	ng	98
66) n-Nitrosodiphenylamine	15.829	169	211649	47.673	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	101214	47.991	ng	95
68) Hexachlorobenzene	16.628	284	118537	45.157	ng	98
69) Atrazine	16.775	200	96107	52.491	ng	98
70) Pentachlorophenol	16.969	266	138975	86.177	ng	97
71) Phenanthrene	17.356	178	396761	48.468	ng	98
72) Anthracene	17.450	178	399577	48.918	ng	99
73) Carbazole	17.721	167	334254	46.541	ng	99
74) Di-n-butylphthalate	18.285	149	392353	45.943	ng	99
75) Fluoranthene	19.372	202	514003	45.833	ng	100
77) Benzidine	19.548	184	143155	42.147	ng	96
78) Pyrene	19.730	202	525166	45.882	ng	98
80) Butylbenzylphthalate	20.623	149	170586	47.082	ng	97
81) Benzo(a)anthracene	21.557	228	559845	47.520	ng	98
82) 3,3'-Dichlorobenzidine	21.469	252	143843	33.927	ng	100
83) Chrysene	21.622	228	531531	48.155	ng	99
84) Bis(2-ethylhexyl)phtha...	21.475	149	231454	48.920	ng	99
85) Di-n-octyl phthalate	22.656	149	393211	47.106	ng	99
87) Indeno(1,2,3-cd)pyrene	28.255	276	685167	48.781	ng	99
88) Benzo(b)fluoranthene	23.714	252	542466	45.803	ng	96
89) Benzo(k)fluoranthene	23.778	252	539569	47.356	ng	99
90) Benzo(a)pyrene	24.554	252	512484	49.668	ng	99
91) Dibenzo(a,h)anthracene	28.308	278	556250	47.821	ng	97
92) Benzo(g,h,i)perylene	29.354	276	520974	45.070	ng	99

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

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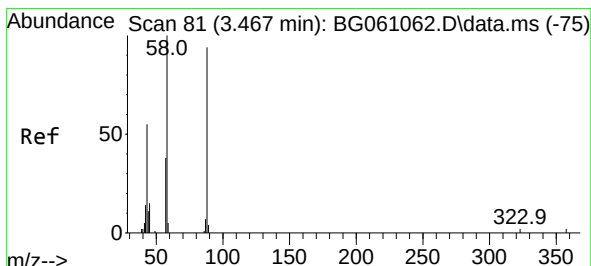
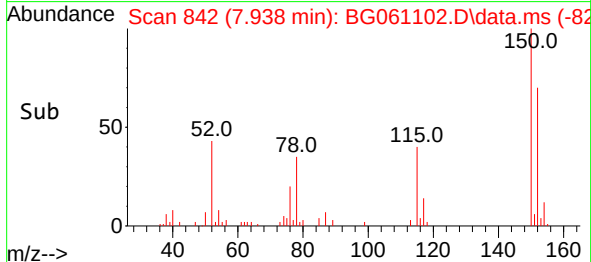
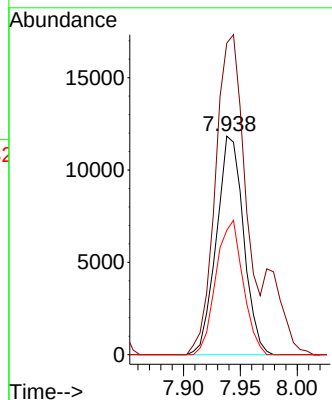
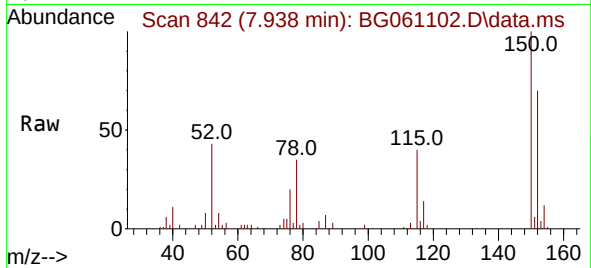




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 84
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

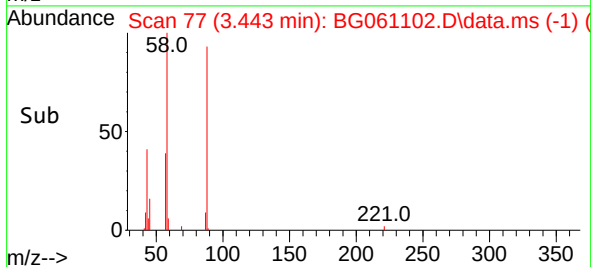
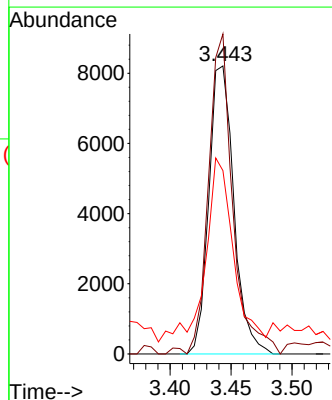
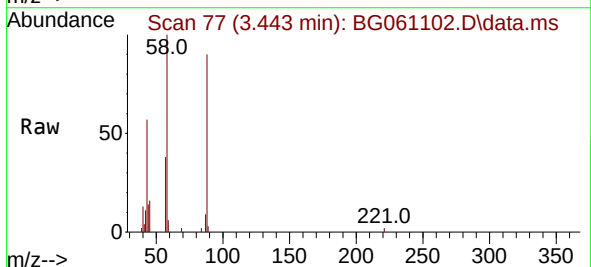
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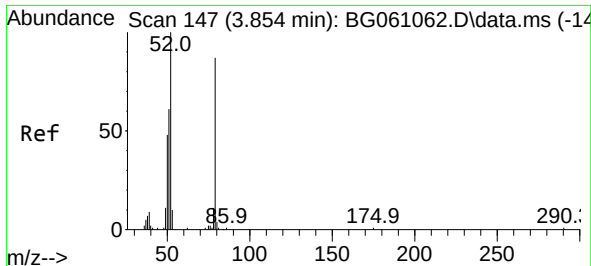
Tgt Ion:152 Resp: 19640
Ion Ratio Lower Upper
152 100
150 142.5 138.3 207.5
115 56.9 48.0 72.0



#2
1,4-Dioxane
Concen: 30.023 ng
RT: 3.443 min Scan# 77
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion: 88 Resp: 11723
Ion Ratio Lower Upper
88 100
58 108.0 81.2 121.8
43 70.1 45.0 67.4#



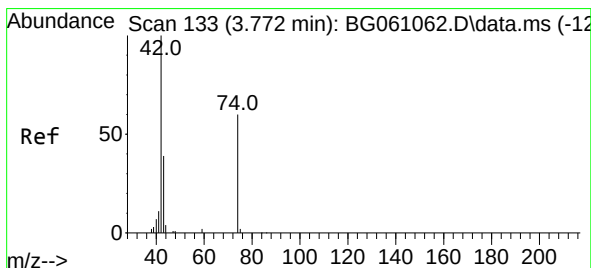
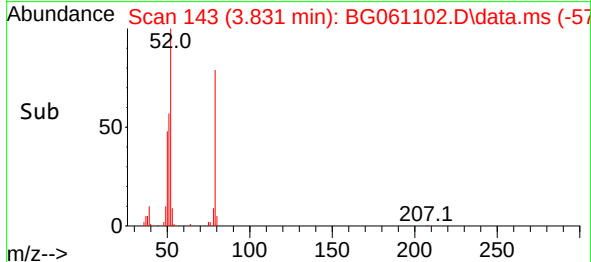
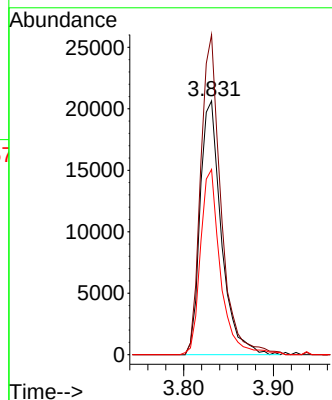
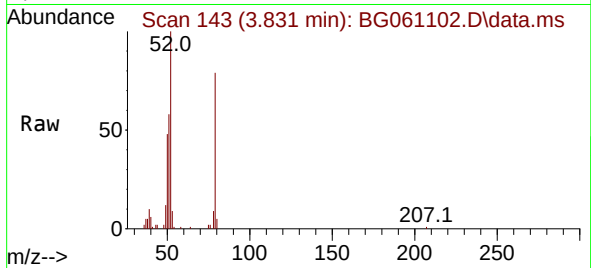


#3
 Pyridine
 Concen: 29.358 ng
 RT: 3.831 min Scan# 147
 Delta R.T. -0.023 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

Tgt Ion: 79 Resp: 33732

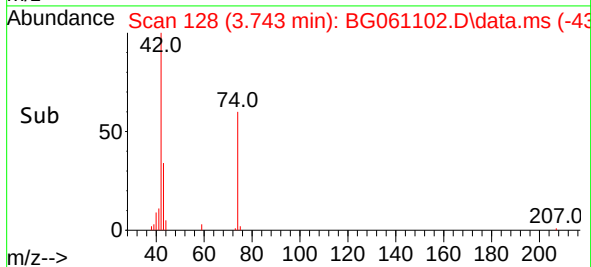
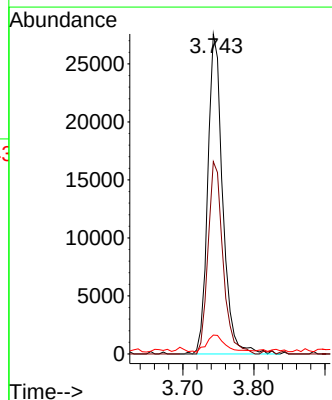
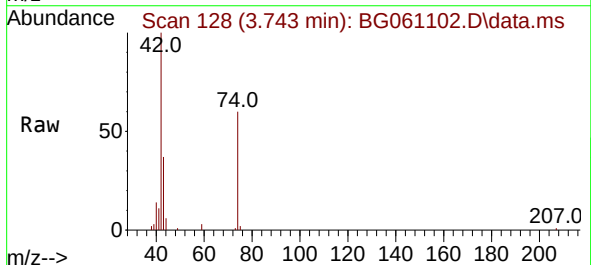
Ion	Ratio	Lower	Upper
79	100		
52	126.1	91.6	137.4
51	73.0	57.0	85.4

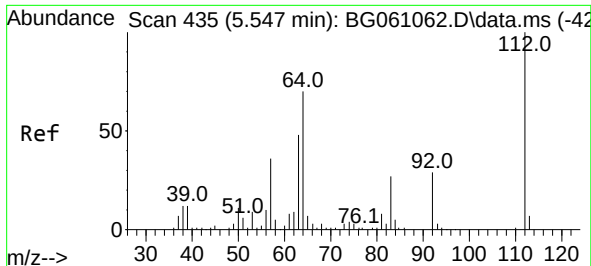


#4
 n-Nitrosodimethylamine
 Concen: 36.430 ng
 RT: 3.743 min Scan# 128
 Delta R.T. -0.029 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

Tgt Ion: 42 Resp: 40216

Ion	Ratio	Lower	Upper
42	100		
74	60.1	47.8	71.8
44	5.9	4.7	7.1

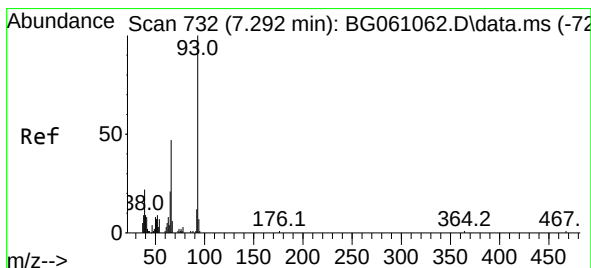
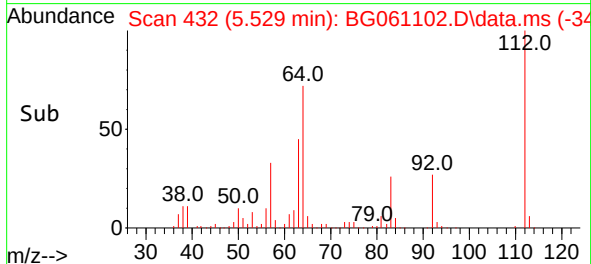
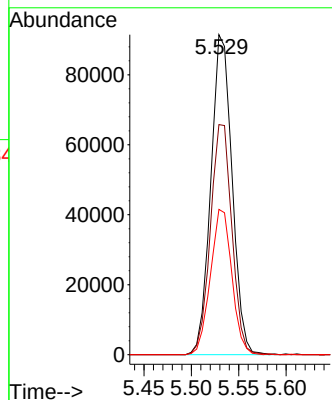
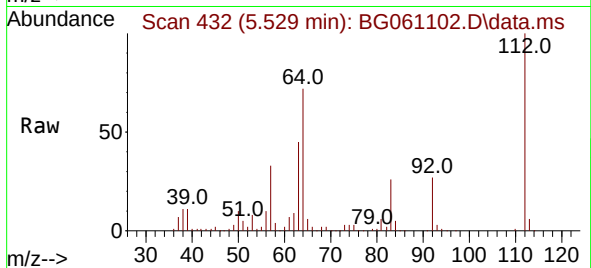




#5
2-Fluorophenol
Concen: 147.535 ng
RT: 5.529 min Scan# 41
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

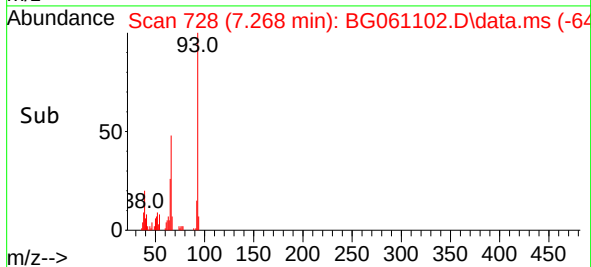
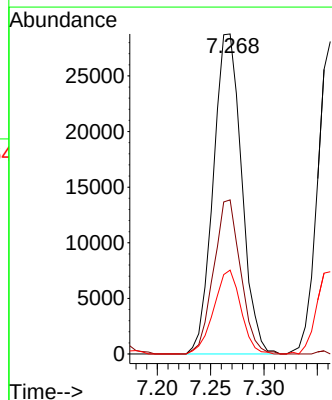
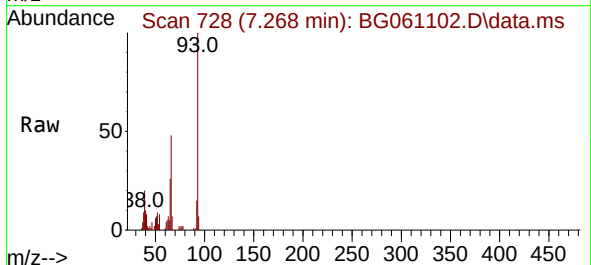
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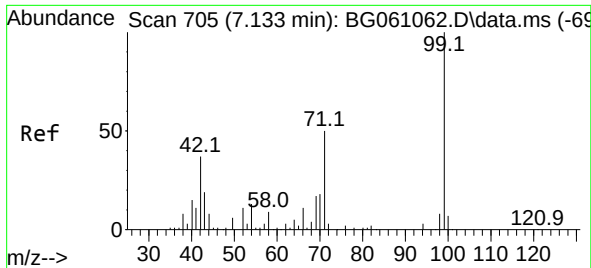
Tgt Ion:112 Resp: 142476
Ion Ratio Lower Upper
112 100
64 71.9 55.7 83.5
63 45.4 38.1 57.1



#6
Aniline
Concen: 37.521 ng
RT: 7.268 min Scan# 728
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion: 93 Resp: 53138
Ion Ratio Lower Upper
93 100
66 48.2 37.4 56.0
65 26.2 16.6 24.8#

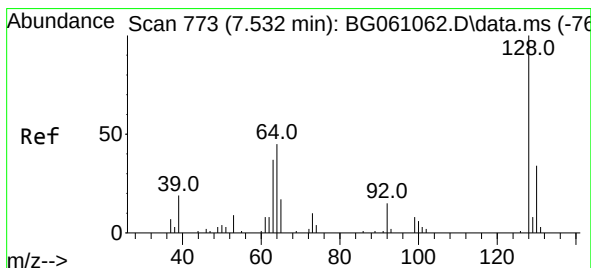
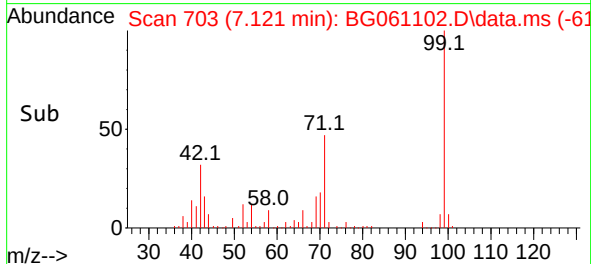
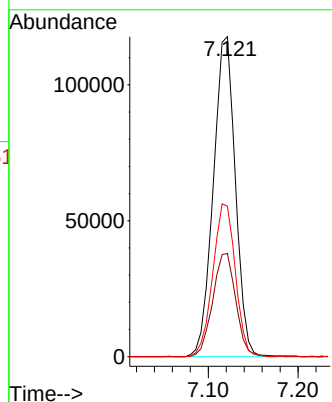
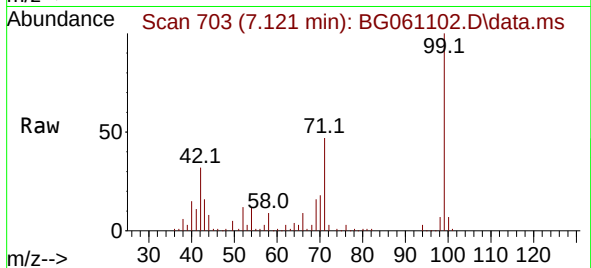




#7
Phenol-d6
Concen: 140.618 ng
RT: 7.121 min Scan# 705
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

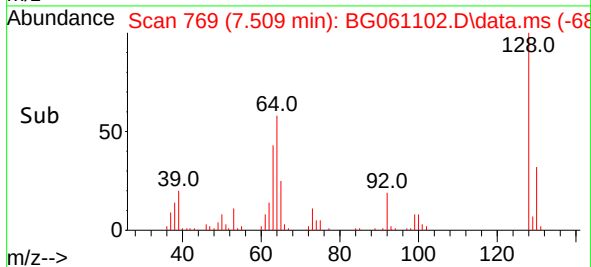
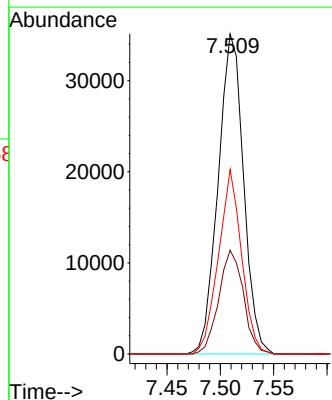
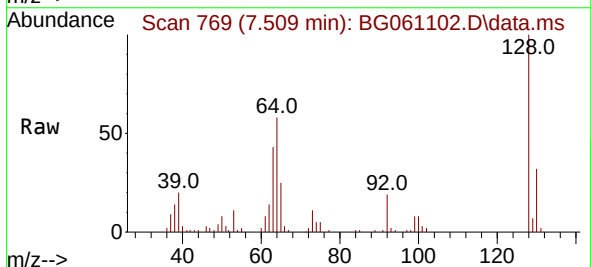
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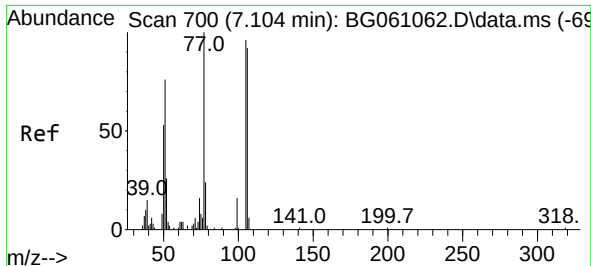
Tgt Ion: 99 Resp: 200886
Ion Ratio Lower Upper
99 100
42 32.2 29.2 43.8
71 47.0 39.7 59.5



#8
2-Chlorophenol
Concen: 49.083 ng
RT: 7.509 min Scan# 769
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:128 Resp: 58152
Ion Ratio Lower Upper
128 100
130 32.4 14.1 54.1
64 57.6 34.8 74.8

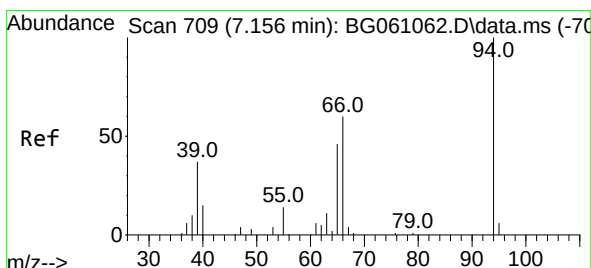
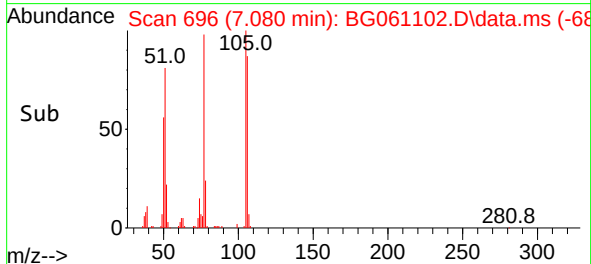
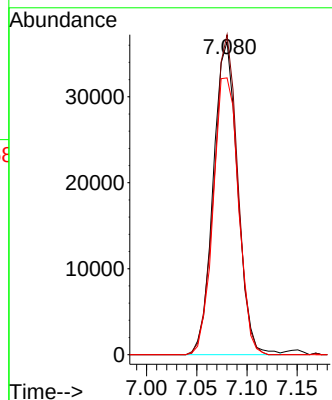
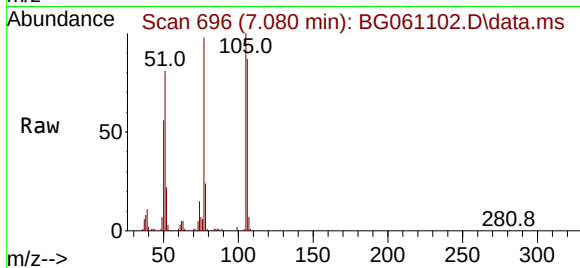




#9
Benzaldehyde
Concen: Below Cal
RT: 7.080 min Scan# 61
Delta R.T. -0.024 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

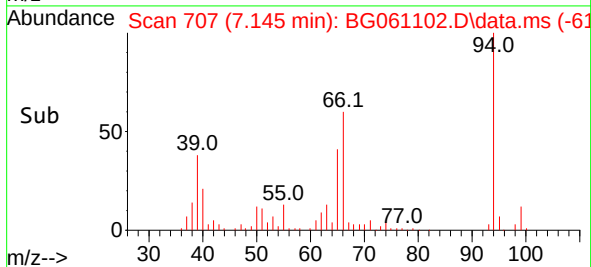
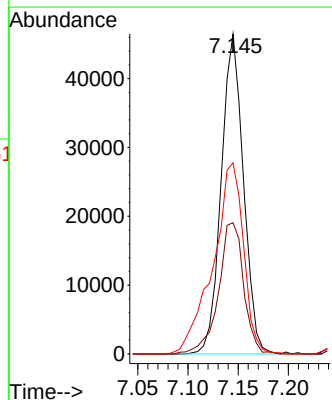
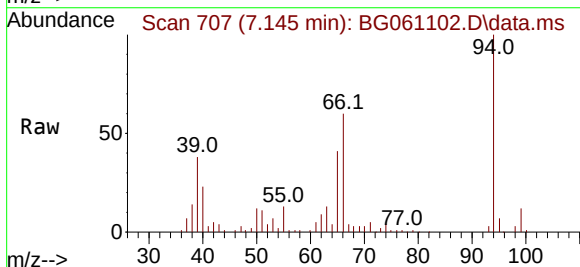
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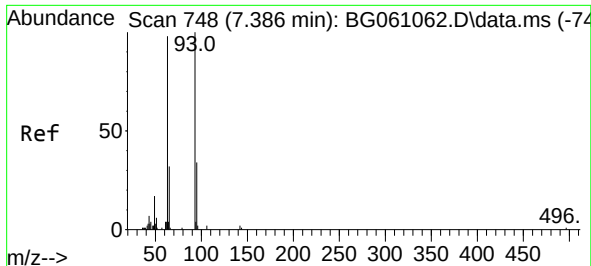
Tgt Ion: 77 Resp: 61235
Ion Ratio Lower Upper
77 100
105 102.2 76.0 116.0
106 88.5 72.3 112.3



#10
Phenol
Concen: 49.009 ng
RT: 7.145 min Scan# 707
Delta R.T. -0.012 min
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Acq: 3 May 2024 11:43

Tgt Ion: 94 Resp: 71200
Ion Ratio Lower Upper
94 100
65 41.0 26.8 66.8
66 59.8 44.7 84.7

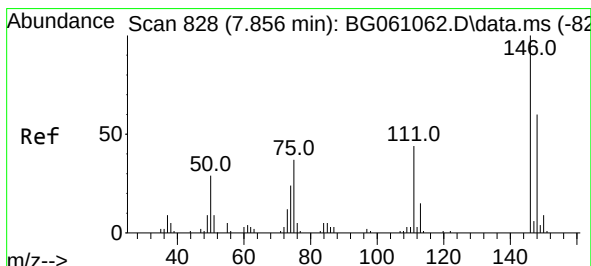
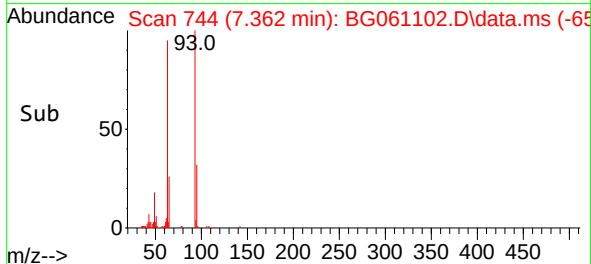
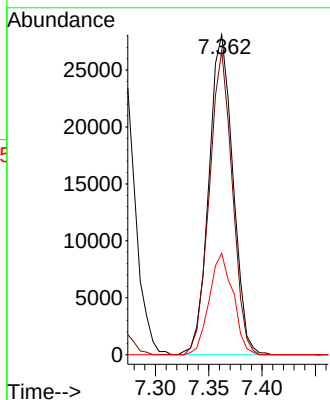
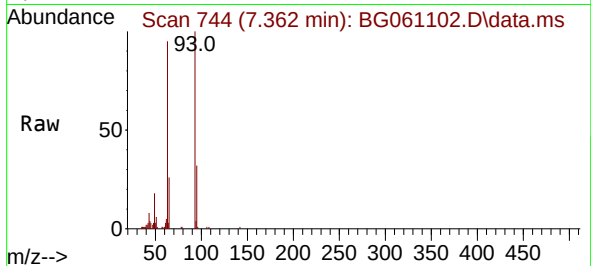




#11
bis(2-Chloroethyl)ether
Concen: 43.910 ng
RT: 7.362 min Scan# 748
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

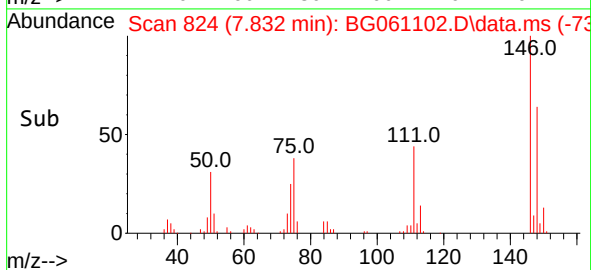
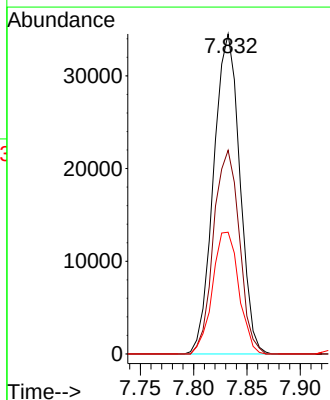
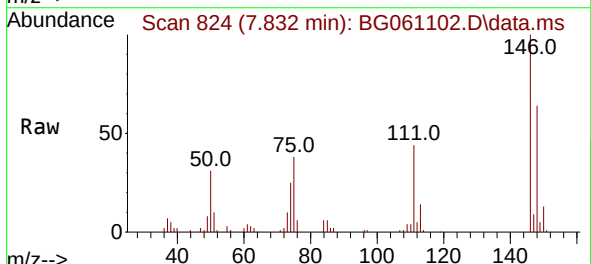
Instrument :
BNA_G
ClientSampleId :
PB160665BS

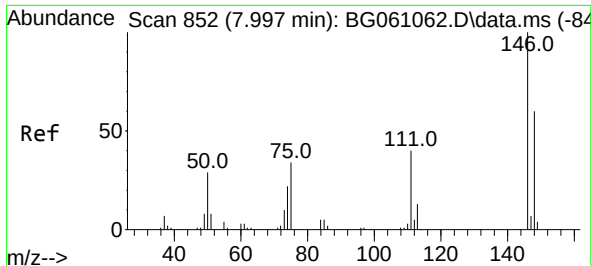
Tgt Ion: 93 Resp: 44070
Ion Ratio Lower Upper
93 100
63 95.0 76.8 116.8
95 31.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.170 ng
RT: 7.832 min Scan# 824
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:146 Resp: 58899
Ion Ratio Lower Upper
146 100
148 63.6 48.0 72.0
75 38.0 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 42.830 ng

RT: 7.973 min Scan# 84

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

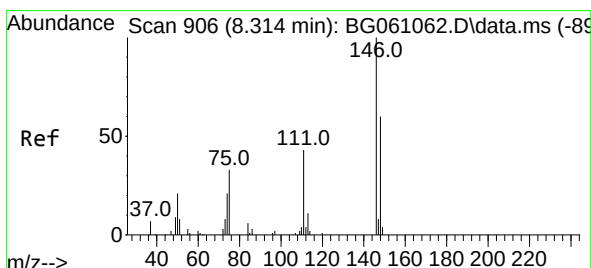
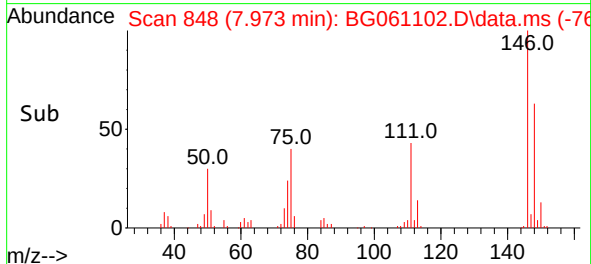
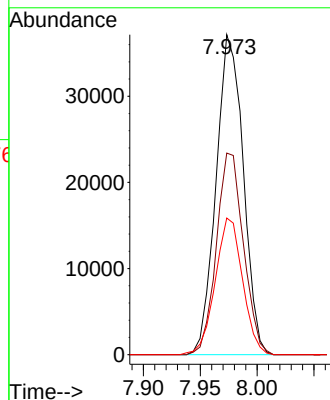
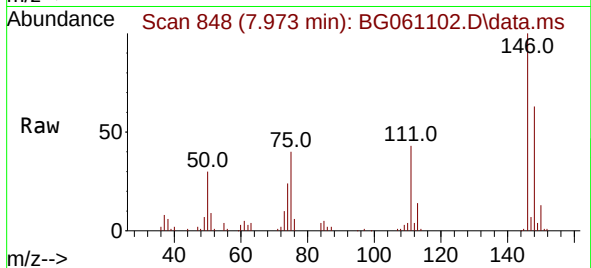
Tgt Ion:146 Resp: 61827

Ion Ratio Lower Upper

146 100

148 63.0 48.1 72.1

111 42.7 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 42.839 ng

RT: 8.290 min Scan# 902

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

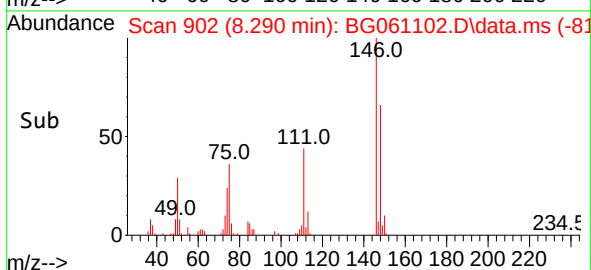
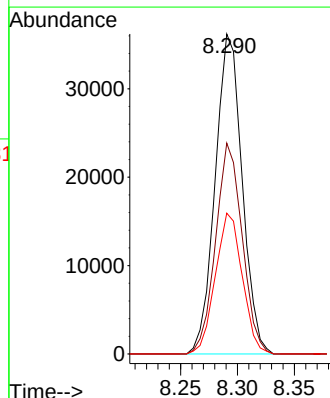
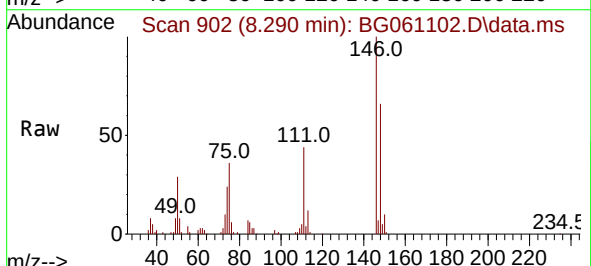
Tgt Ion:146 Resp: 59663

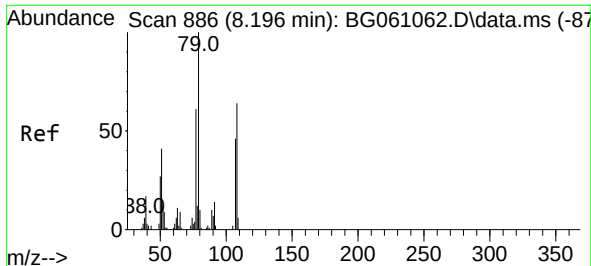
Ion Ratio Lower Upper

146 100

148 65.9 48.2 72.2

111 44.0 36.2 54.2

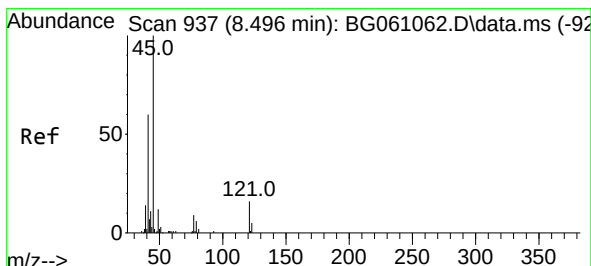
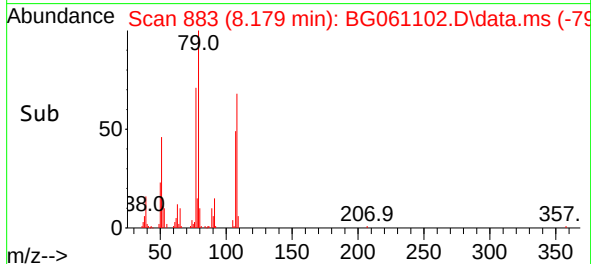
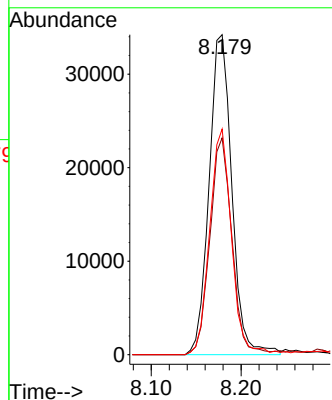
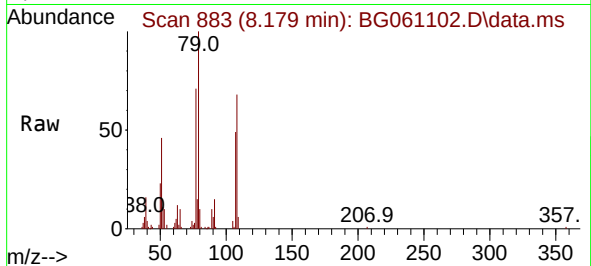




#15
Benzyl Alcohol
Concen: 46.704 ng
RT: 8.179 min Scan# 81
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

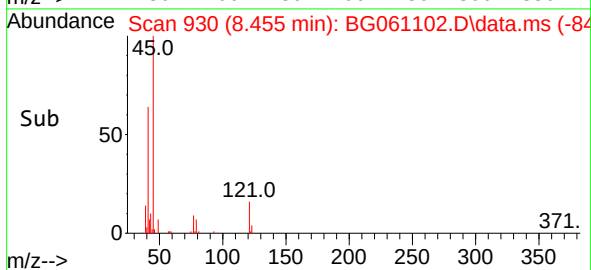
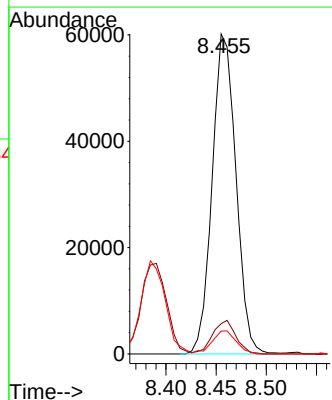
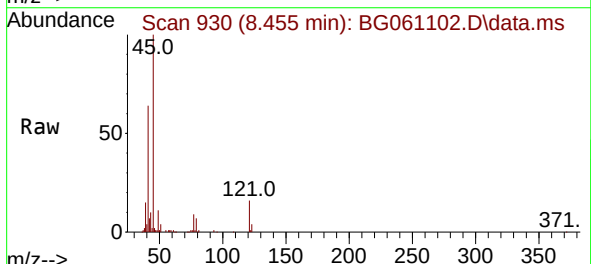
Instrument :
BNA_G
ClientSampleId :
PB160665BS

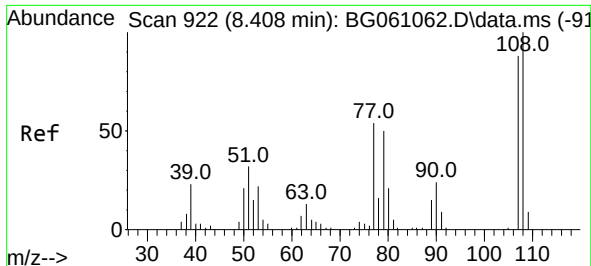
Tgt Ion: 79 Resp: 60188
Ion Ratio Lower Upper
79 100
108 67.8 51.1 76.7
77 70.5 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.522 ng
RT: 8.455 min Scan# 930
Delta R.T. -0.041 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion: 45 Resp: 99138
Ion Ratio Lower Upper
45 100
77 9.5 0.0 30.2
79 7.1 0.0 26.5

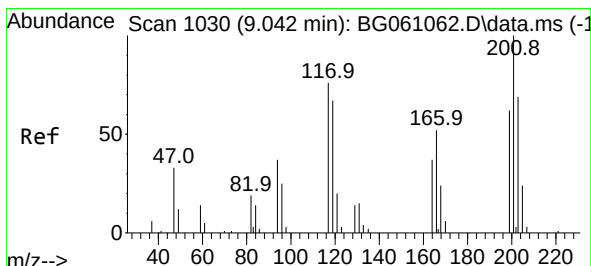
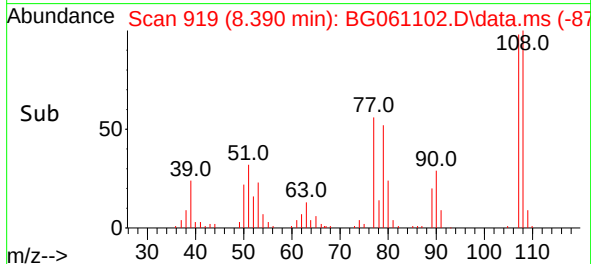
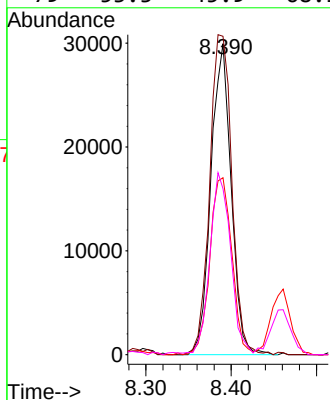
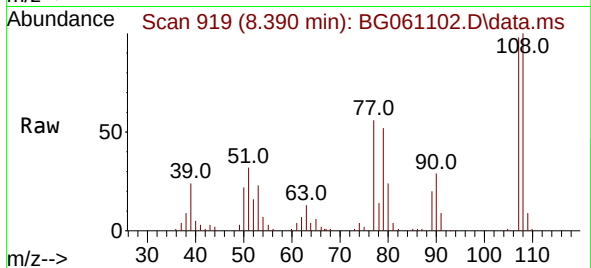




#17
2-Methylphenol
Concen: 47.772 ng
RT: 8.390 min Scan# 91
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

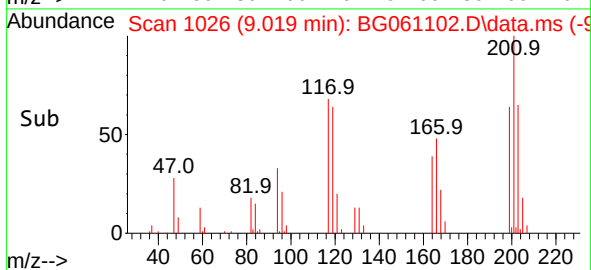
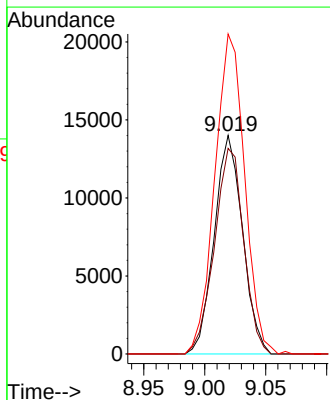
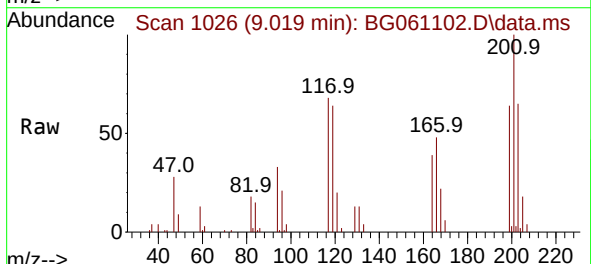
Instrument :
BNA_G
ClientSampleId :
PB160665BS

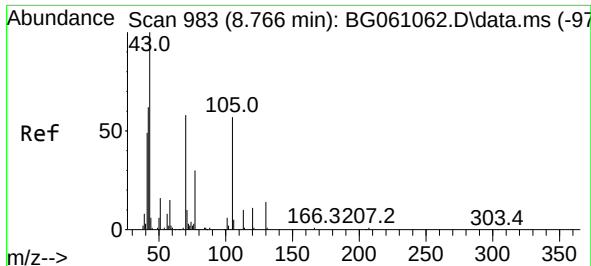
Tgt Ion:	107	Resp:	49459
Ion	Ratio	Lower	Upper
107	100		
108	102.3	91.4	137.2
77	56.9	49.4	74.2
79	53.3	45.9	68.9



#18
Hexachloroethane
Concen: 44.004 ng
RT: 9.019 min Scan# 1026
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:	117	Resp:	22666
Ion	Ratio	Lower	Upper
117	100		
119	94.1	71.4	107.0
201	146.4	105.8	158.8

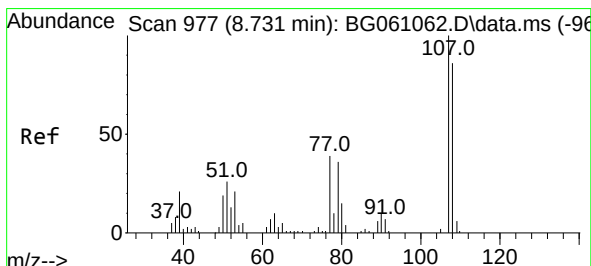
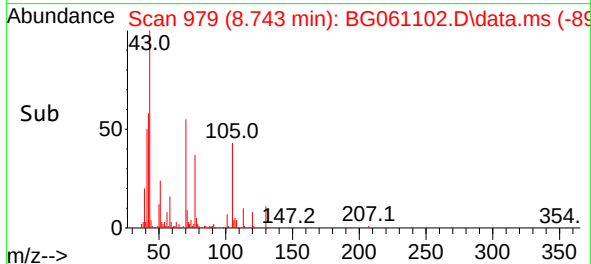
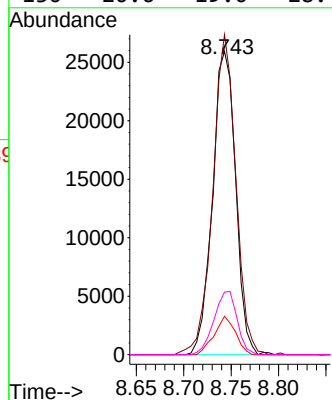
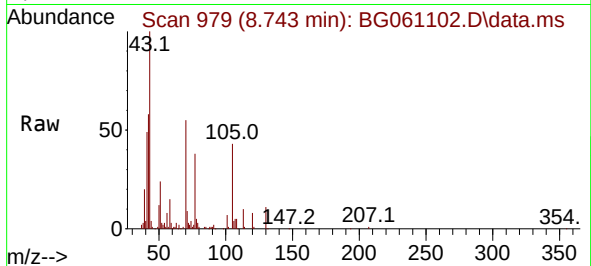




#19
n-Nitroso-di-n-propylamine
Concen: 41.030 ng
RT: 8.743 min Scan# 91
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

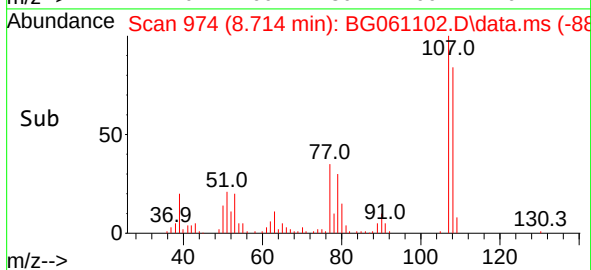
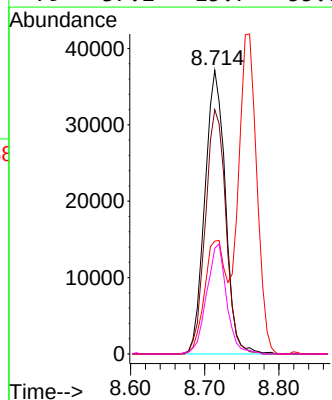
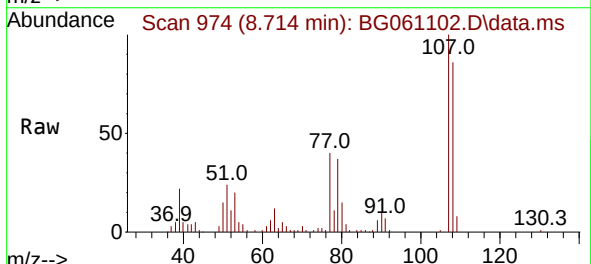
Instrument :
BNA_G
ClientSampleId :
PB160665BS

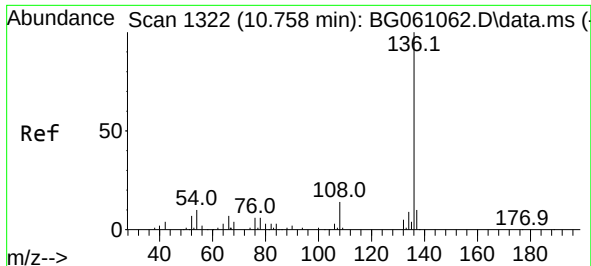
Tgt Ion: 70 Resp: 43866
Ion Ratio Lower Upper
70 100
42 105.5 86.4 129.6
101 12.6 7.8 11.8#
130 20.6 19.0 28.4



#20
3+4-Methylphenols
Concen: 47.737 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion: 107 Resp: 71305
Ion Ratio Lower Upper
107 100
108 86.1 65.7 105.7
77 39.7 19.4 59.4
79 37.2 15.7 55.7

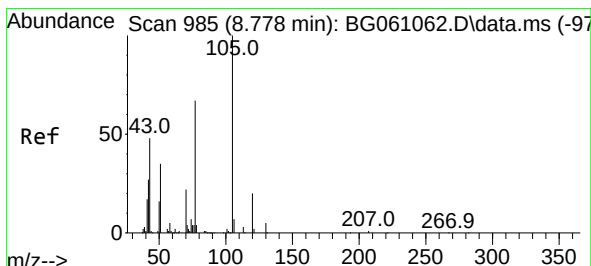
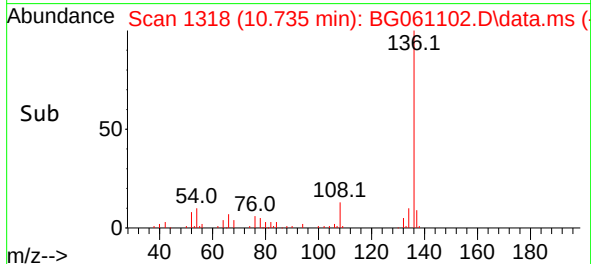
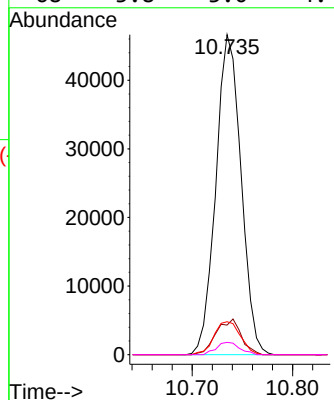
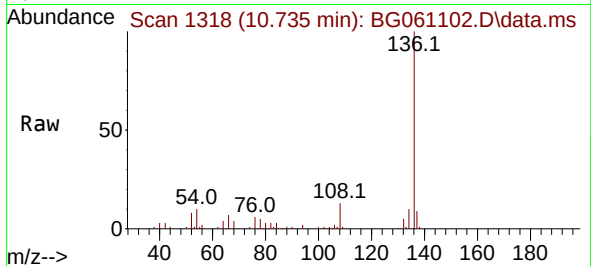




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

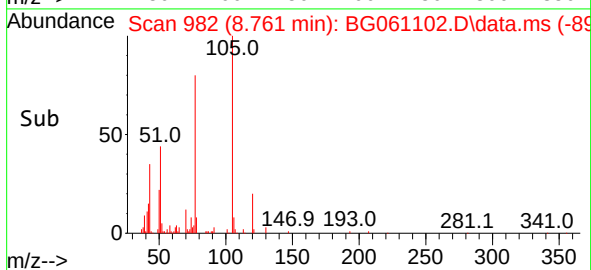
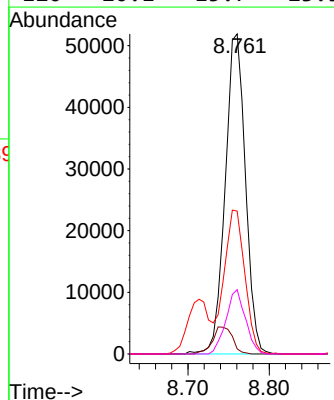
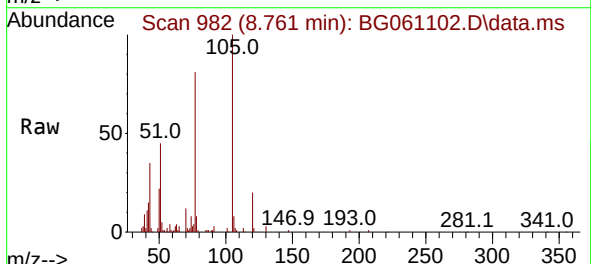
Instrument :
BNA_G
ClientSampleId :
PB160665BS

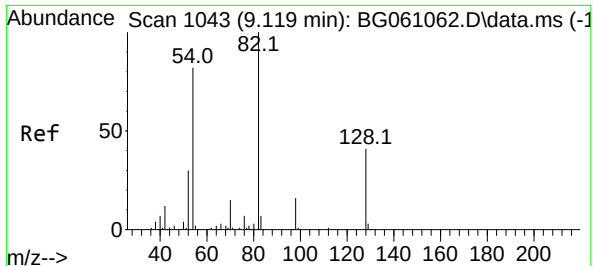
Tgt Ion:136 Resp: 81202
Ion Ratio Lower Upper
136 100
137 9.2 7.8 11.6
54 10.3 8.1 12.1
68 3.8 3.0 4.4



#22
Acetophenone
Concen: 44.441 ng
RT: 8.761 min Scan# 982
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:105 Resp: 89872
Ion Ratio Lower Upper
105 100
71 1.6 3.3 4.9#
51 44.7 36.7 55.1
120 20.1 15.7 23.5





#23

Nitrobenzene-d5

Concen: 84.873 ng

RT: 9.095 min Scan# 1039

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

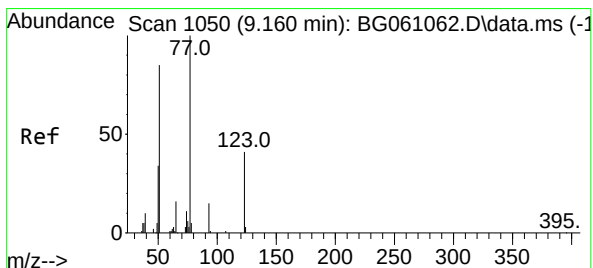
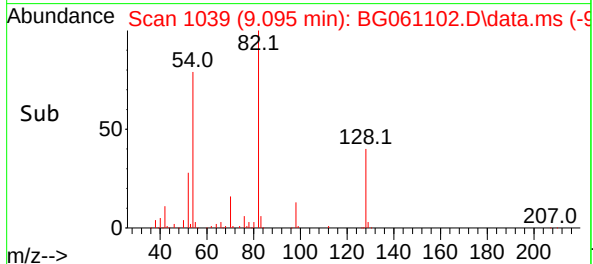
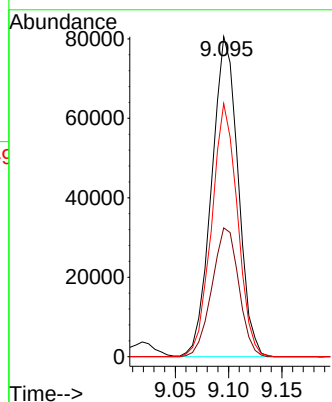
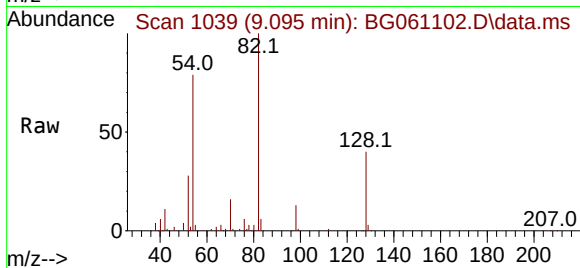
Tgt Ion: 82 Resp: 139026

Ion Ratio Lower Upper

82 100

128 40.3 32.7 49.1

54 79.1 65.6 98.4



#24

Nitrobenzene

Concen: 43.576 ng

RT: 9.137 min Scan# 1046

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

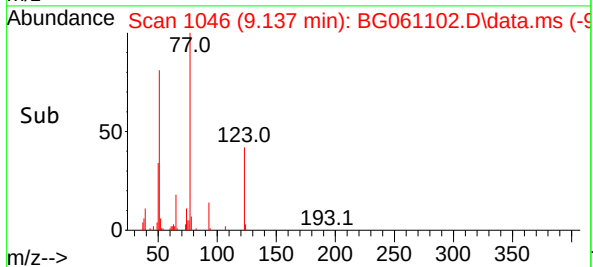
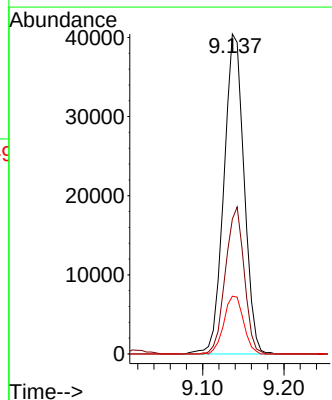
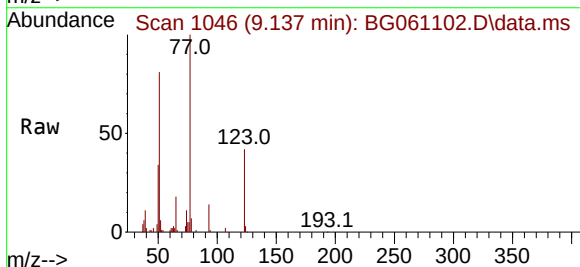
Tgt Ion: 77 Resp: 69830

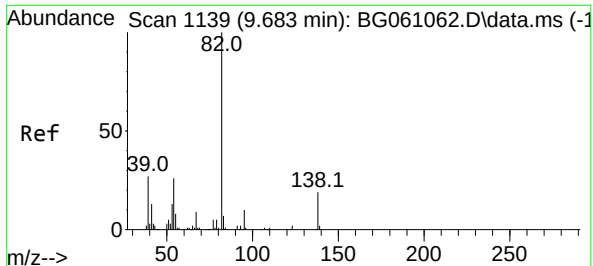
Ion Ratio Lower Upper

77 100

123 42.2 33.1 49.7

65 18.1 13.1 19.7

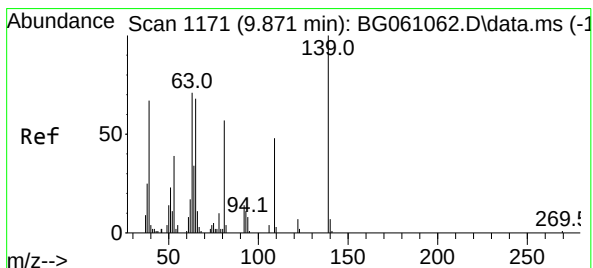
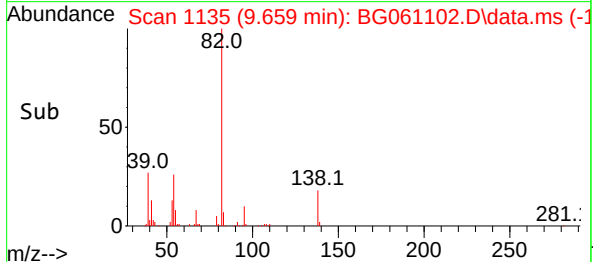
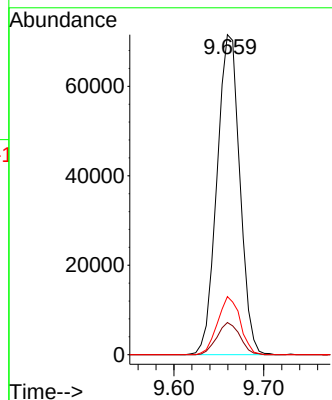
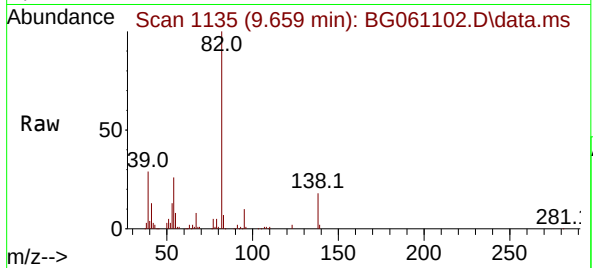




#25
Isophorone
Concen: 41.788 ng
RT: 9.659 min Scan# 1135
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

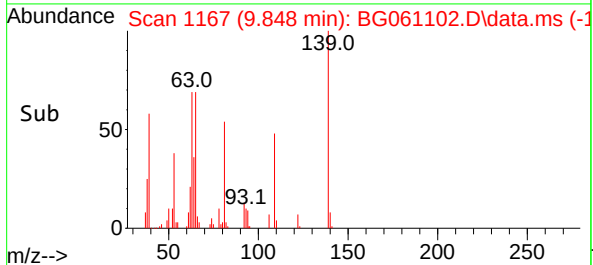
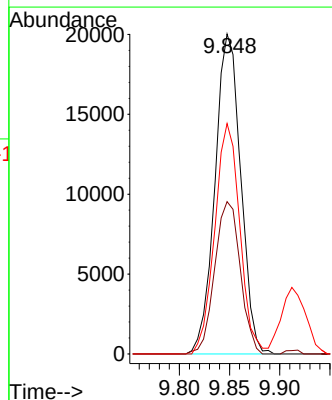
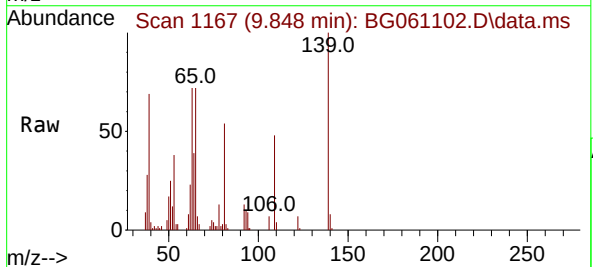
Instrument :
BNA_G
ClientSampleId :
PB160665BS

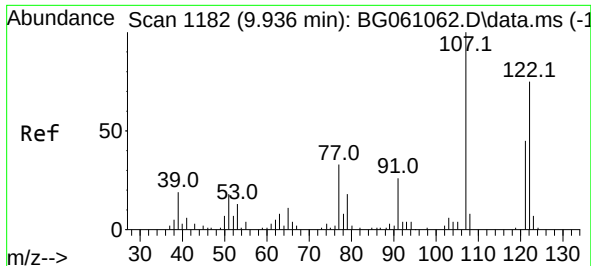
Tgt Ion: 82 Resp: 126532
Ion Ratio Lower Upper
82 100
95 10.1 8.3 12.5
138 18.1 15.2 22.8



#26
2-Nitrophenol
Concen: 46.924 ng
RT: 9.848 min Scan# 1167
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion: 139 Resp: 35626
Ion Ratio Lower Upper
139 100
109 47.6 38.5 57.7
65 72.0 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 54.558 ng

RT: 9.912 min Scan# 1182

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

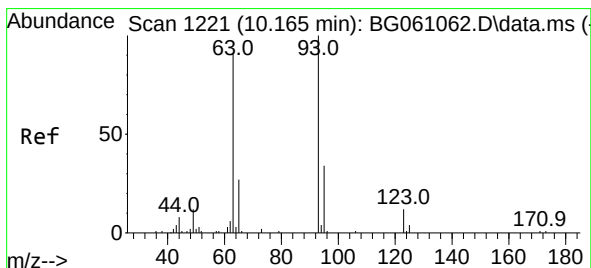
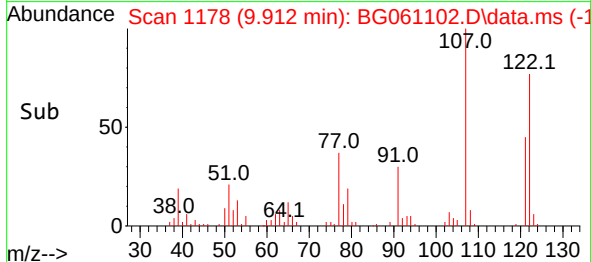
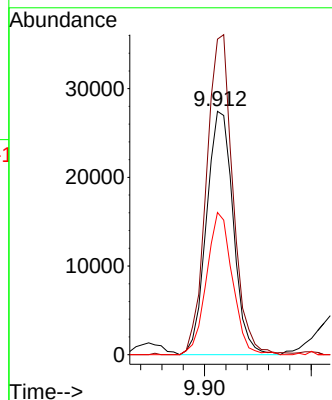
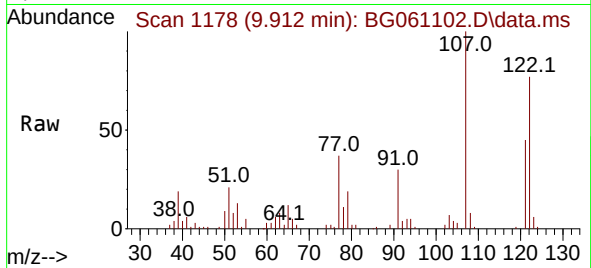
Tgt Ion:122 Resp: 47756

Ion Ratio Lower Upper

122 100

107 129.6 106.9 160.3

121 58.4 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 45.195 ng

RT: 10.141 min Scan# 1217

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

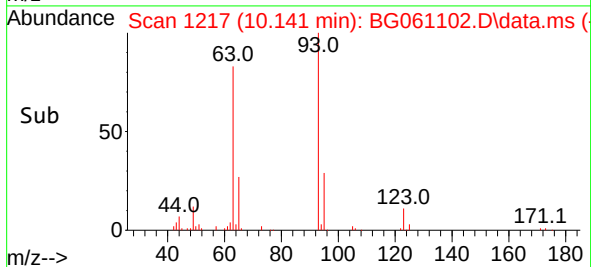
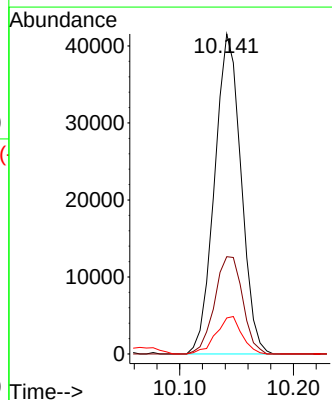
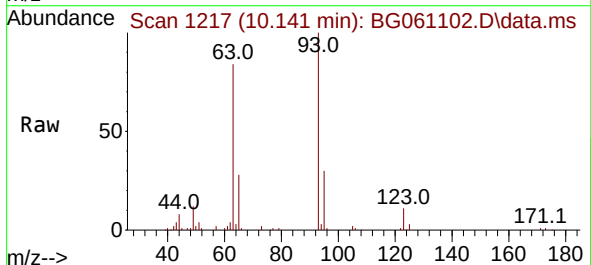
Tgt Ion: 93 Resp: 67163

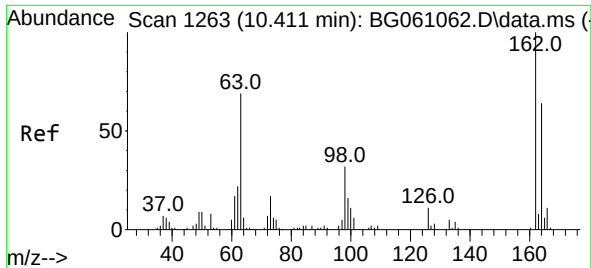
Ion Ratio Lower Upper

93 100

95 30.4 27.4 41.0

123 11.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 50.822 ng

RT: 10.388 min Scan# 1259

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

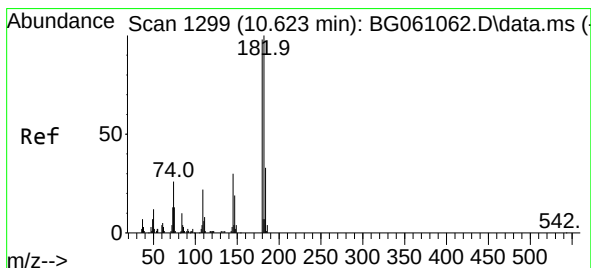
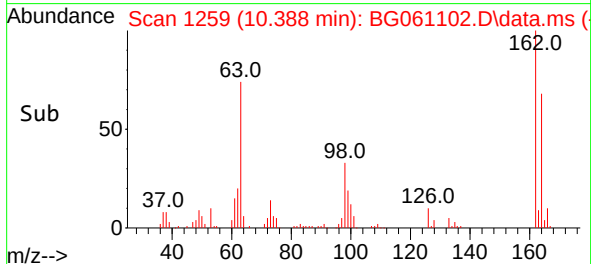
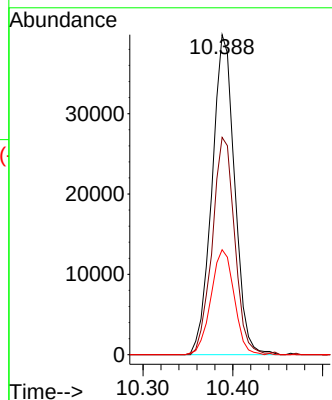
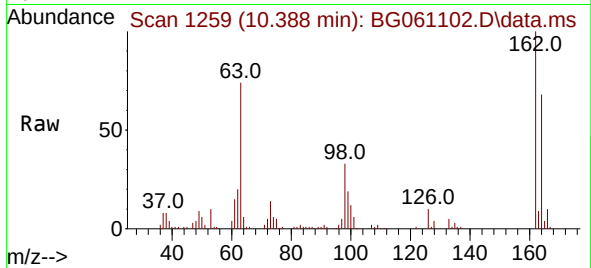
Tgt Ion:162 Resp: 69701

Ion Ratio Lower Upper

162 100

164 67.9 43.6 83.6

98 32.8 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 44.925 ng

RT: 10.600 min Scan# 1295

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

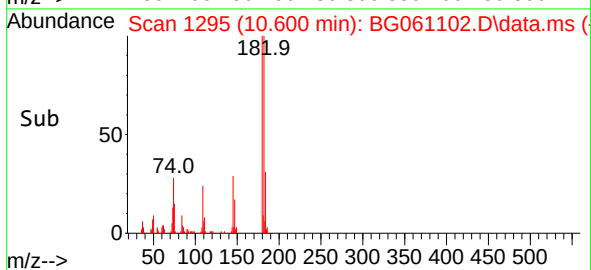
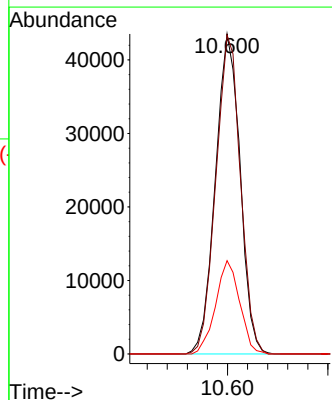
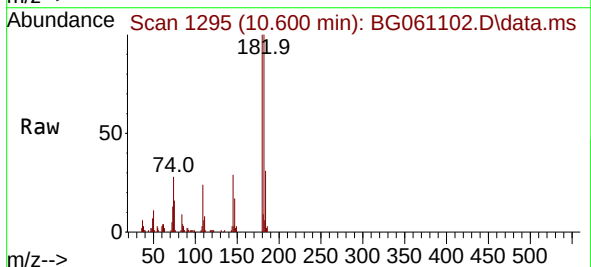
Tgt Ion:180 Resp: 74240

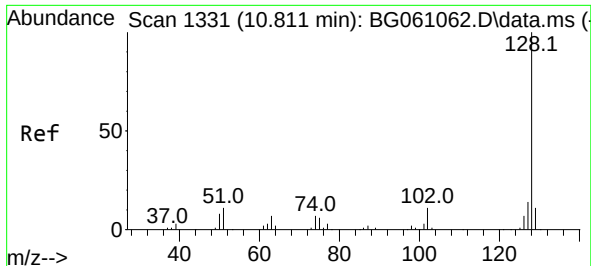
Ion Ratio Lower Upper

180 100

182 99.7 81.7 122.5

145 29.2 24.5 36.7

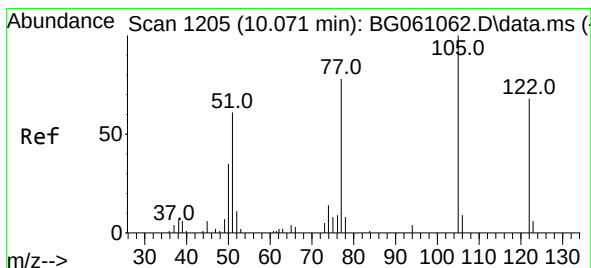
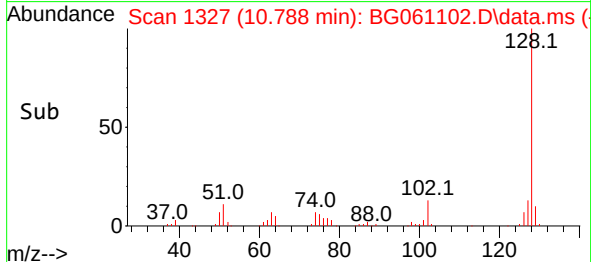
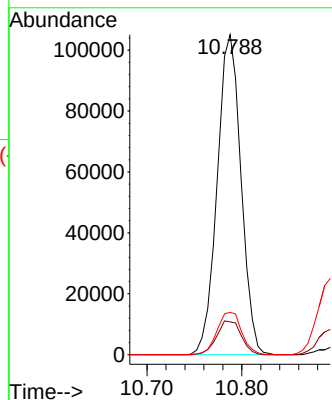
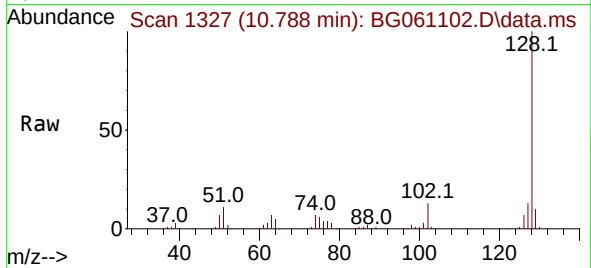




#31
Naphthalene
Concen: 43.479 ng
RT: 10.788 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

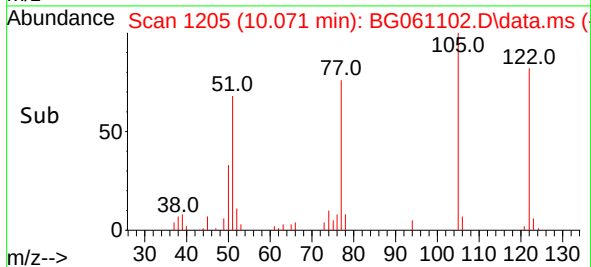
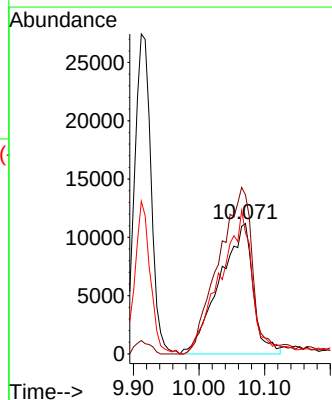
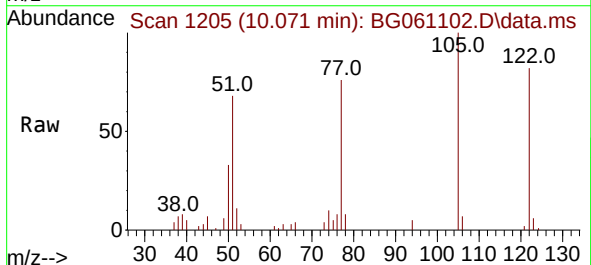
Instrument :
BNA_G
ClientSampleId :
PB160665BS

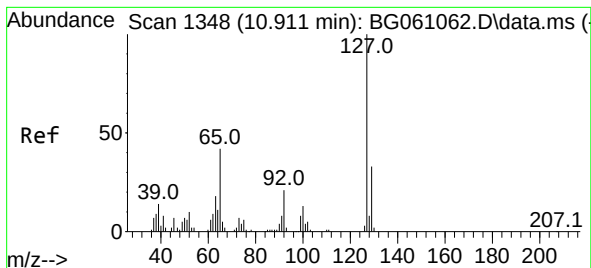
Tgt Ion:128 Resp: 183490
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 39.387 ng
RT: 10.071 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:122 Resp: 39854
Ion Ratio Lower Upper
122 100
105 122.0 123.3 163.3#
77 93.0 93.2 133.2#

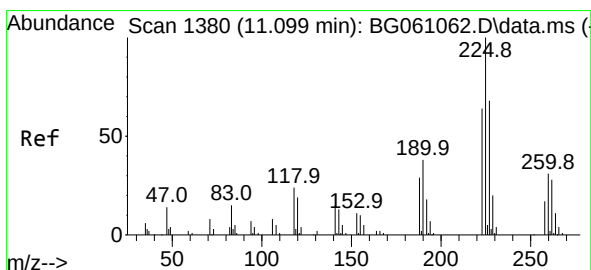
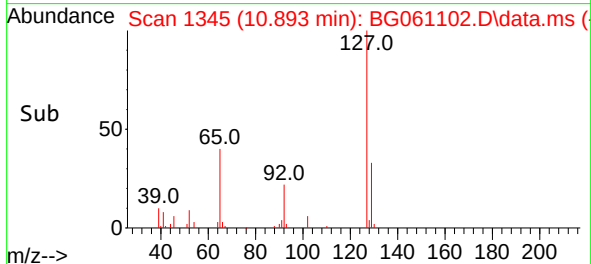
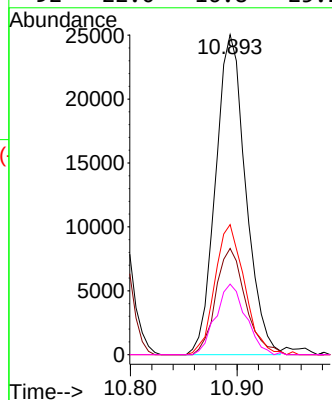
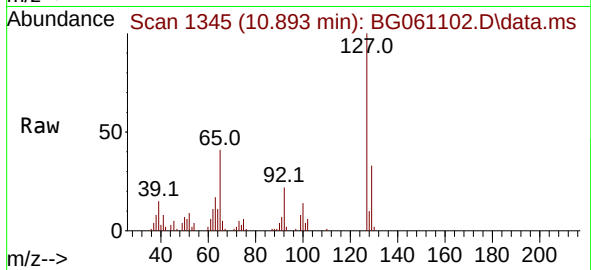




#33
4-Chloroaniline
Concen: 29.142 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

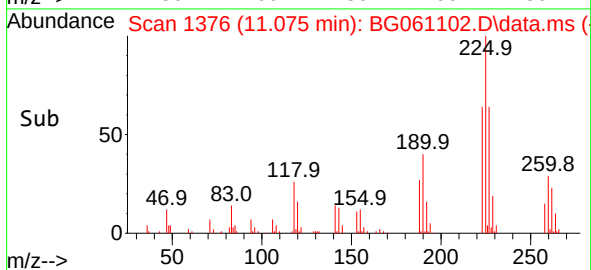
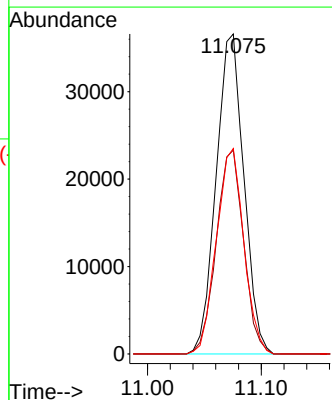
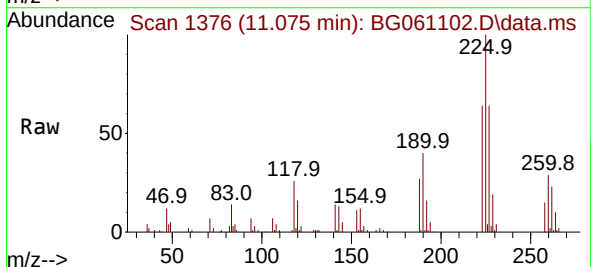
Instrument :
BNA_G
ClientSampleId :
PB160665BS

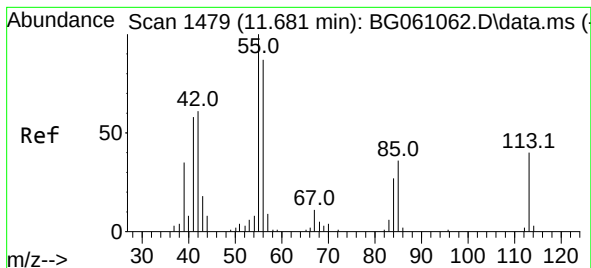
Tgt Ion:127	Resp:	49048	
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	40.7	33.6	50.4
92	22.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.758 ng
RT: 11.075 min Scan# 1376
Delta R.T. -0.023 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:225	Resp:	62045	
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.4
227	64.2	54.6	82.0





#35

Caprolactam

Concen: 26.856 ng

RT: 11.669 min Scan# 14

Delta R.T. -0.012 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

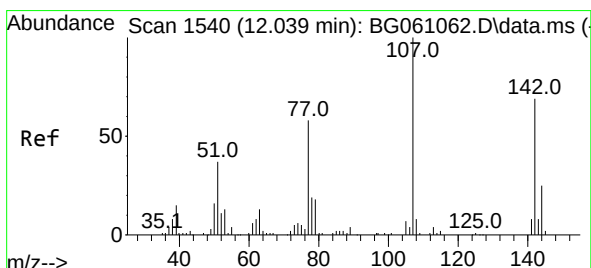
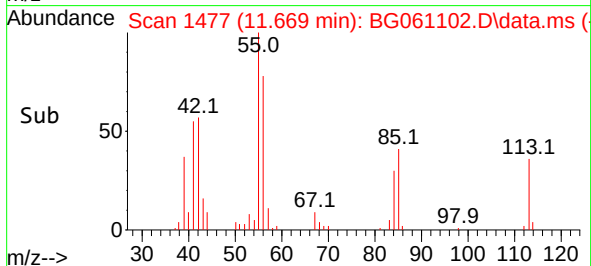
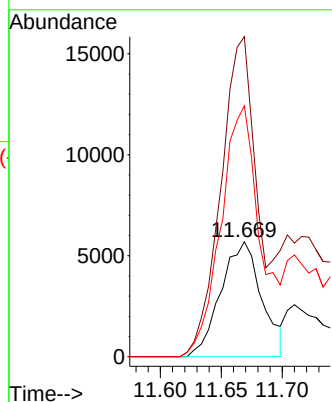
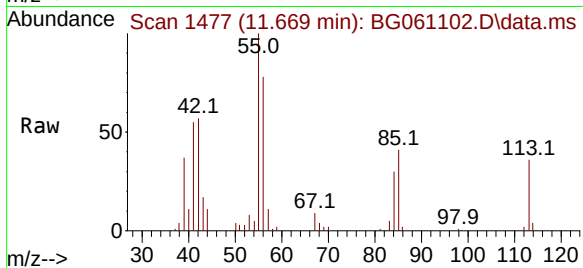
Tgt Ion:113 Resp: 13264

Ion Ratio Lower Upper

113 100

55 278.4 227.6 267.6#

56 218.3 195.1 235.1



#36

4-Chloro-3-methylphenol

Concen: 47.242 ng

RT: 12.027 min Scan# 1538

Delta R.T. -0.012 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

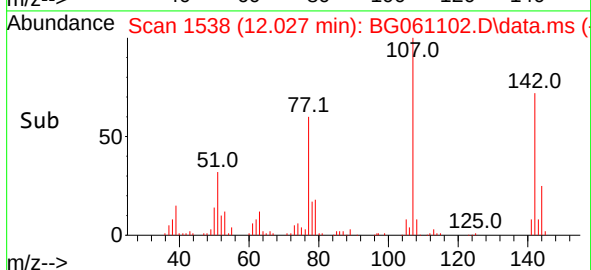
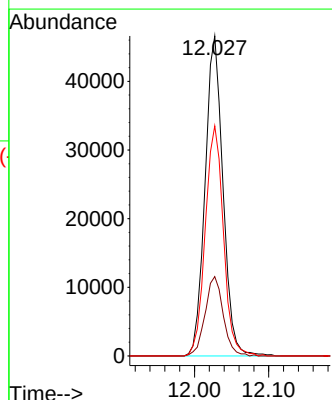
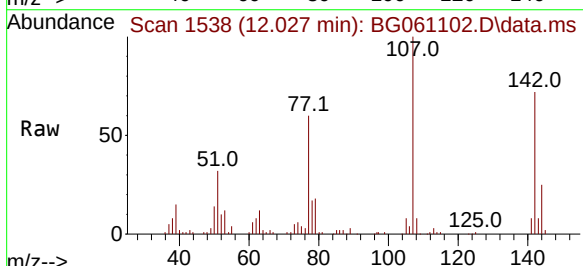
Tgt Ion:107 Resp: 78128

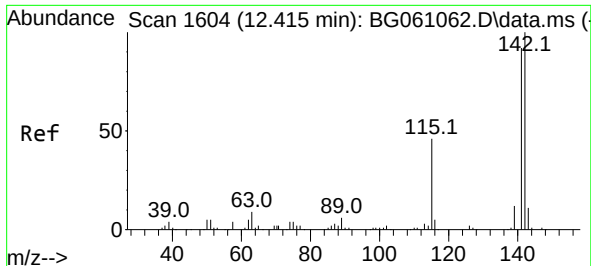
Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.4

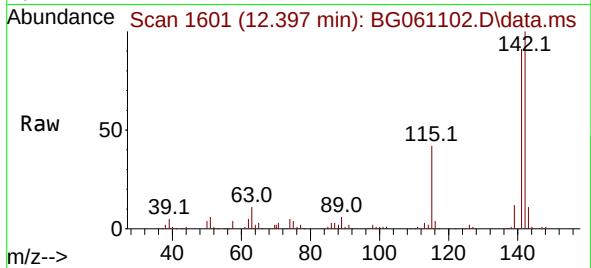
142 71.9 55.6 83.4



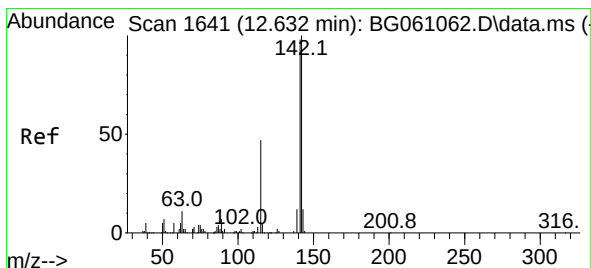
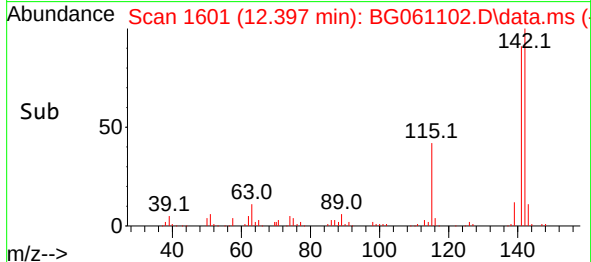
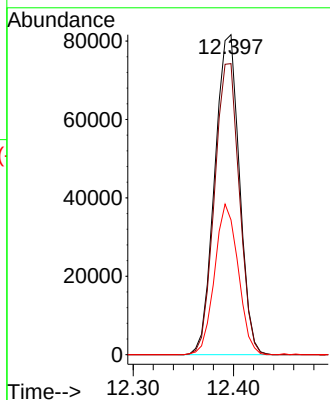


#37
2-Methylnaphthalene
Concen: 44.027 ng
RT: 12.397 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Instrument :
BNA_G
ClientSampleId :
PB160665BS

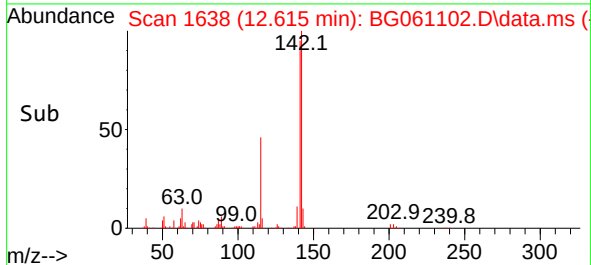
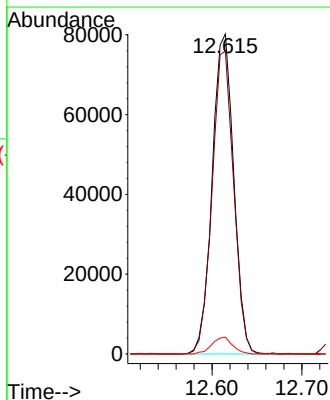
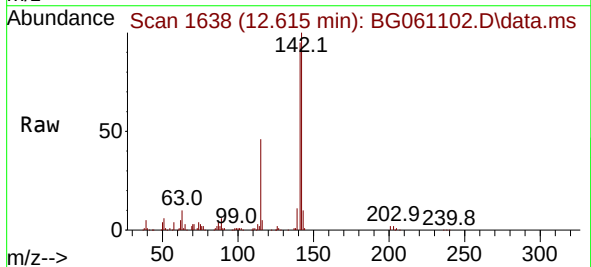


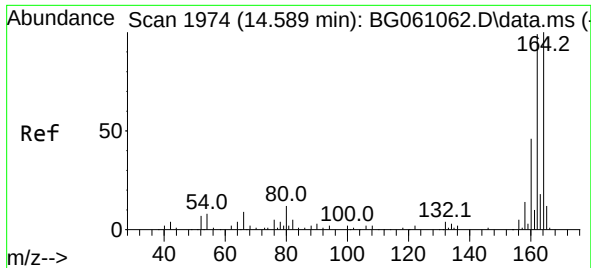
Tgt Ion:142 Resp: 139233
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.8
115 42.1 36.9 55.3



#38
1-Methylnaphthalene
Concen: 41.903 ng
RT: 12.615 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:142 Resp: 133408
Ion Ratio Lower Upper
142 100
141 94.7 78.4 117.6
116 5.2 4.3 6.5

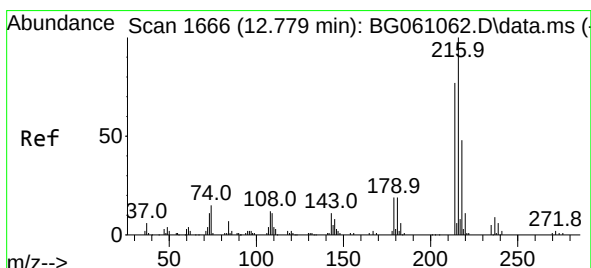
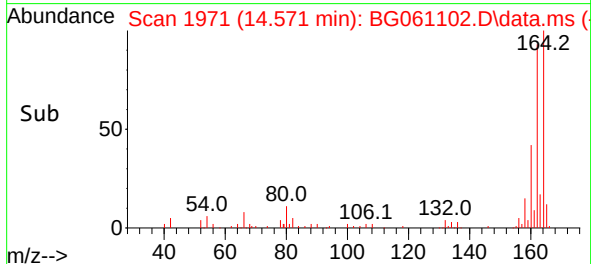
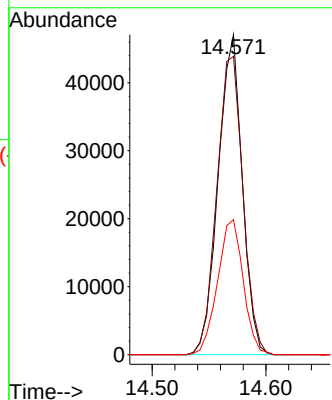
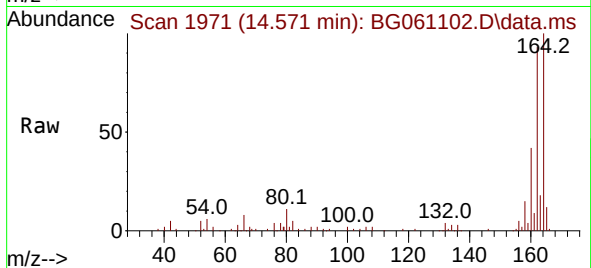




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

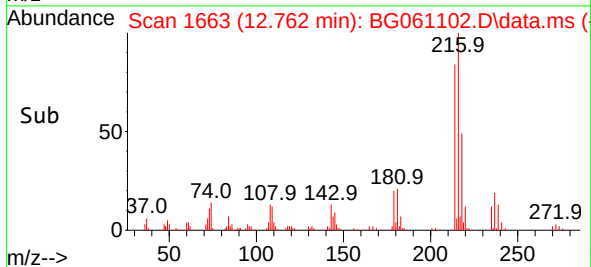
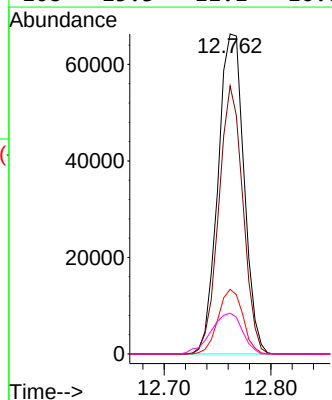
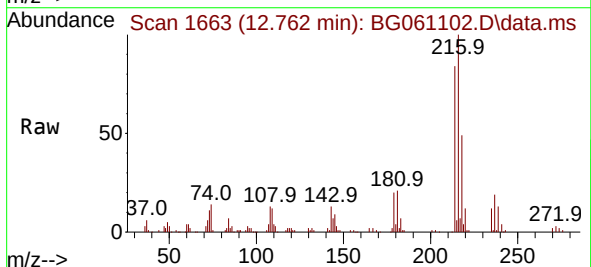
Instrument :
BNA_G
ClientSampleId :
PB160665BS

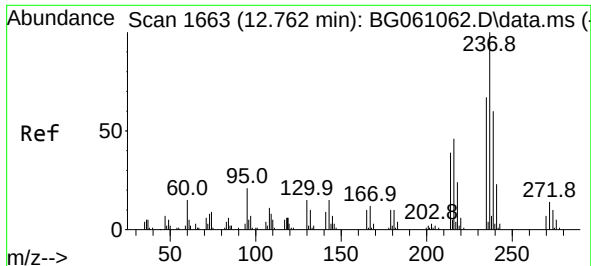
Tgt Ion:164 Resp: 69294
Ion Ratio Lower Upper
164 100
162 93.2 79.4 119.2
160 42.2 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.523 ng
RT: 12.762 min Scan# 1663
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

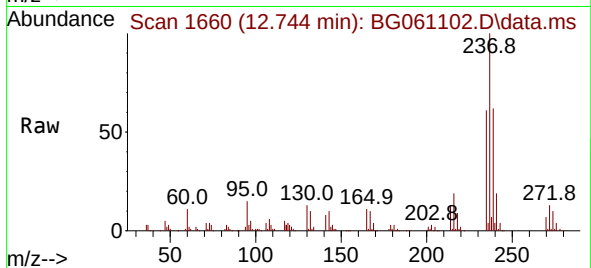
Tgt Ion:216 Resp: 112211
Ion Ratio Lower Upper
216 100
214 78.0 64.2 96.2
179 19.2 15.4 23.2
108 15.3 11.1 16.7



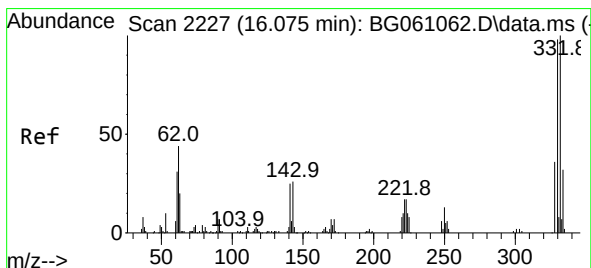
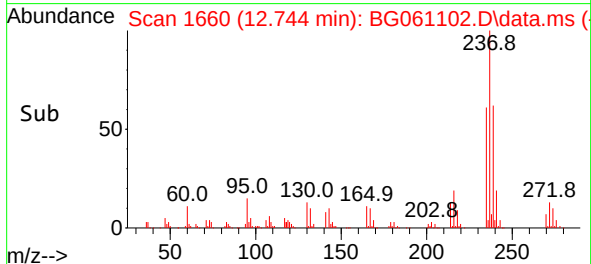
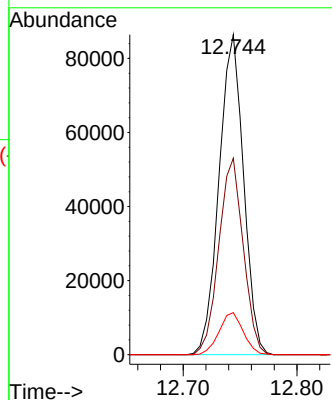


#41
Hexachlorocyclopentadiene
Concen: 146.197 ng
RT: 12.744 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Instrument :
BNA_G
ClientSampleId :
PB160665BS

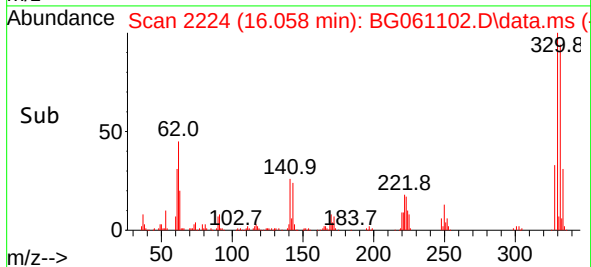
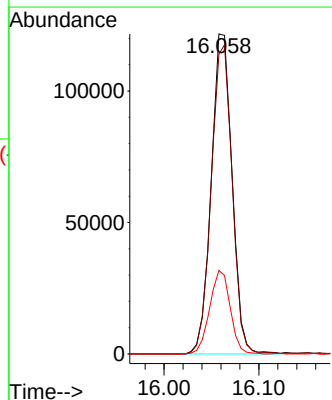
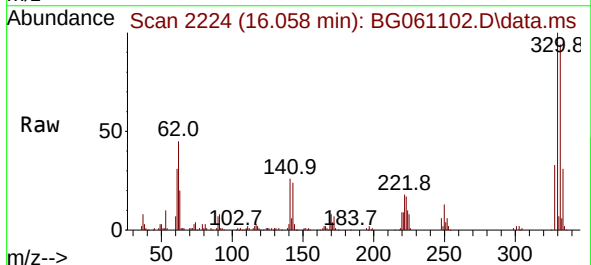


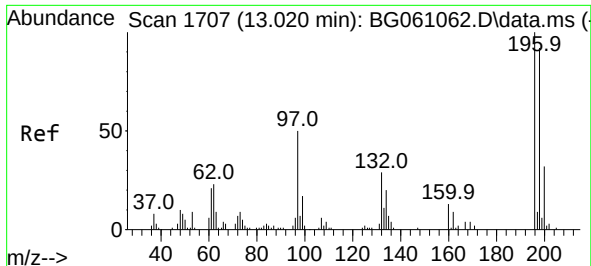
Tgt Ion:237 Resp: 129425
Ion Ratio Lower Upper
237 100
235 61.4 46.5 86.5
272 13.1 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 134.571 ng
RT: 16.058 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:330 Resp: 186390
Ion Ratio Lower Upper
330 100
332 96.7 78.6 117.8
141 25.6 20.5 30.7

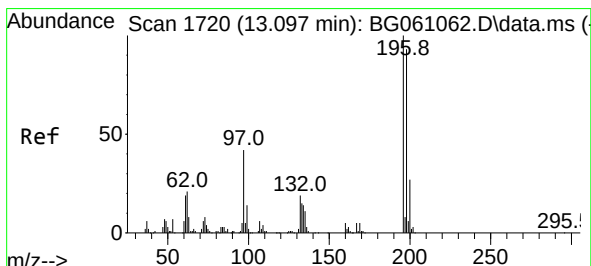
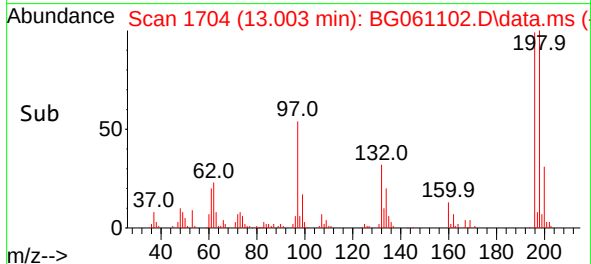
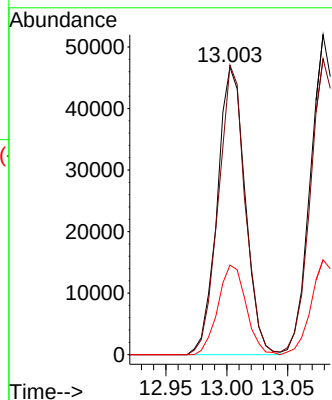
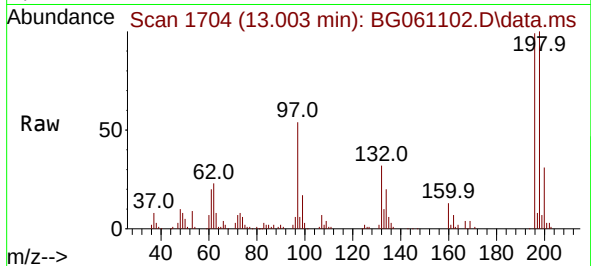




#43
 2,4,6-Trichlorophenol
 Concen: 50.105 ng
 RT: 13.003 min Scan# 1
 Delta R.T. -0.018 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

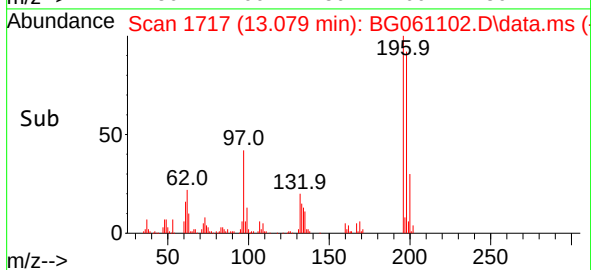
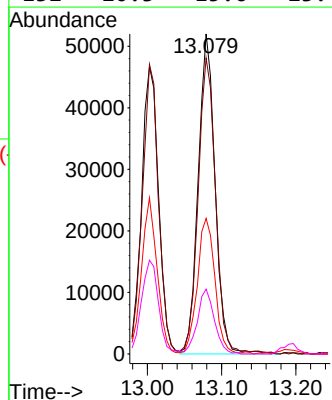
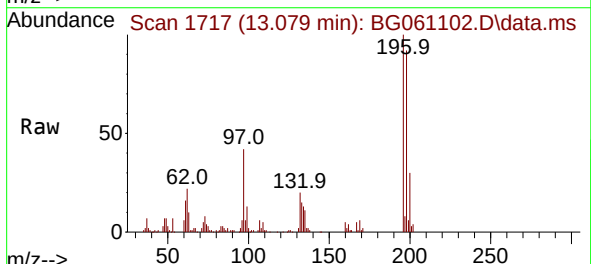
Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

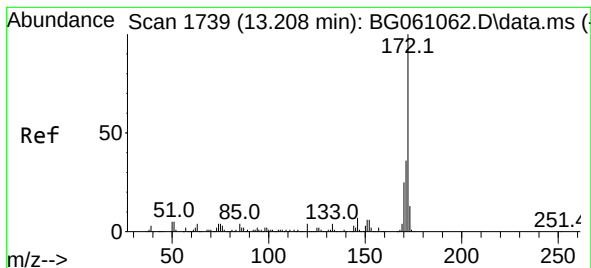
Tgt Ion:196 Resp: 74390
 Ion Ratio Lower Upper
 196 100
 198 100.8 73.8 110.6
 200 31.2 25.5 38.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.132 ng
 RT: 13.079 min Scan# 1717
 Delta R.T. -0.018 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

Tgt Ion:196 Resp: 82557
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.3 111.5
 97 42.4 33.6 50.4
 132 20.3 15.6 23.4

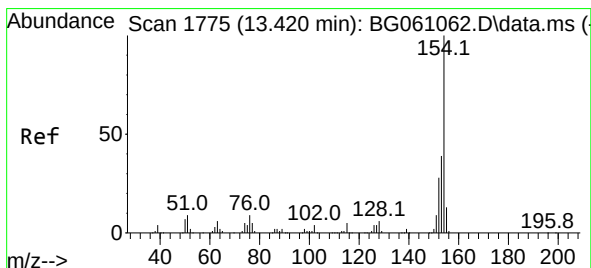
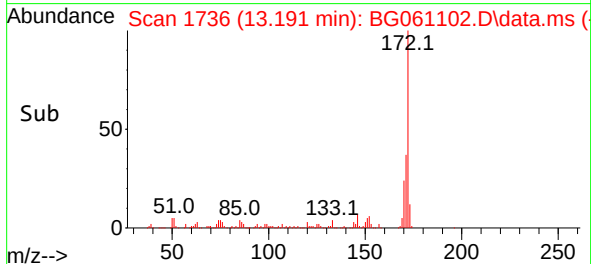
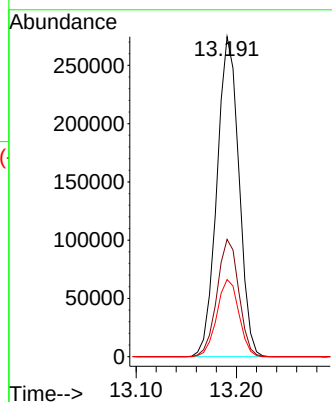
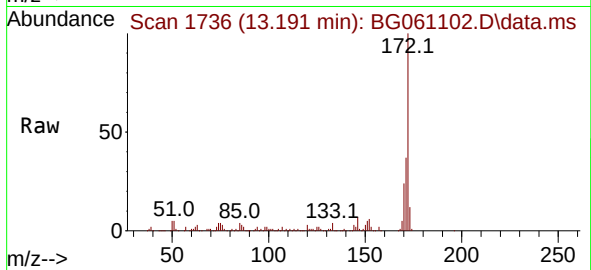




#45
2-Fluorobiphenyl
Concen: 89.179 ng
RT: 13.191 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

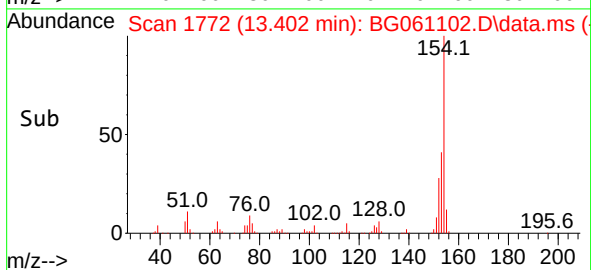
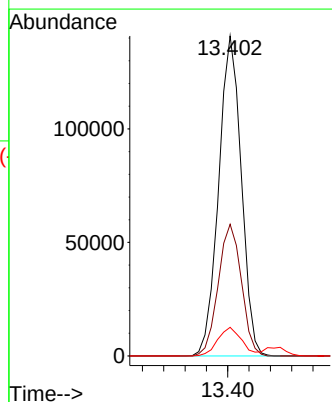
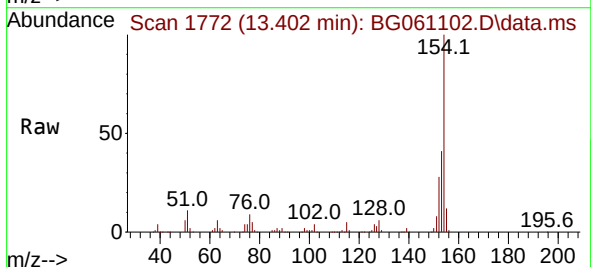
Instrument :
BNA_G
ClientSampleId :
PB160665BS

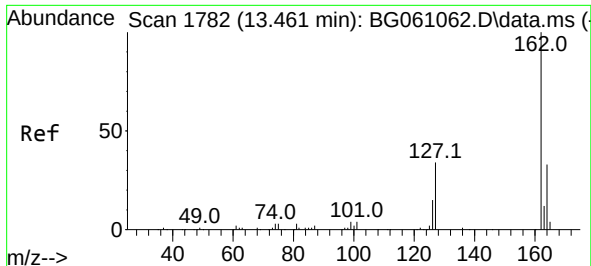
Tgt Ion:172 Resp: 417899
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.1 20.2 30.4



#46
1,1'-Biphenyl
Concen: 46.597 ng
RT: 13.402 min Scan# 1772
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:154 Resp: 207033
Ion Ratio Lower Upper
154 100
153 41.2 19.3 59.3
76 9.0 0.0 28.8

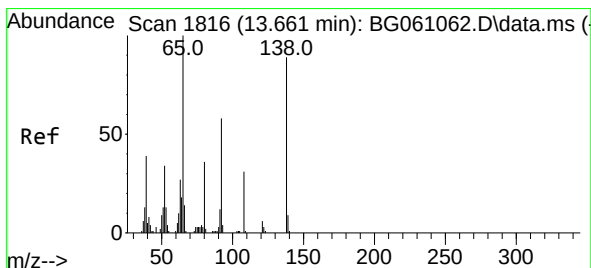
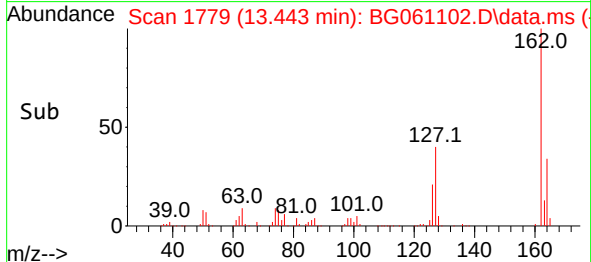
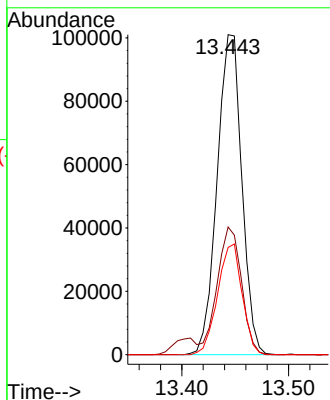
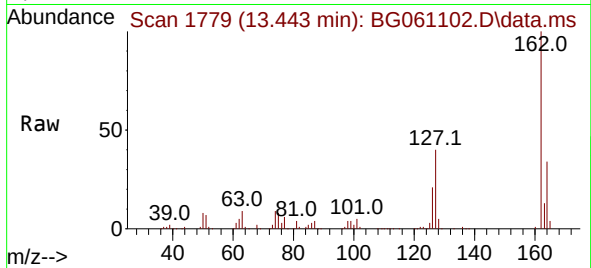




#47
2-Chloronaphthalene
Concen: 45.689 ng
RT: 13.443 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

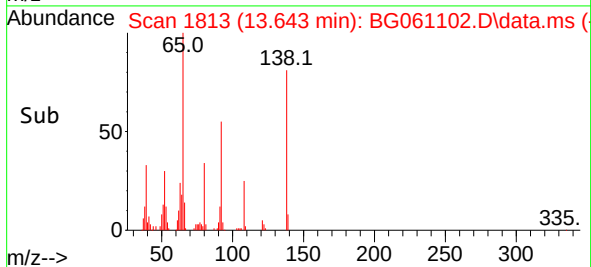
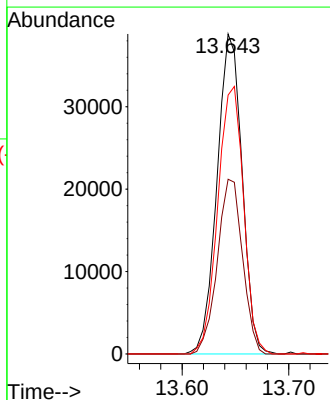
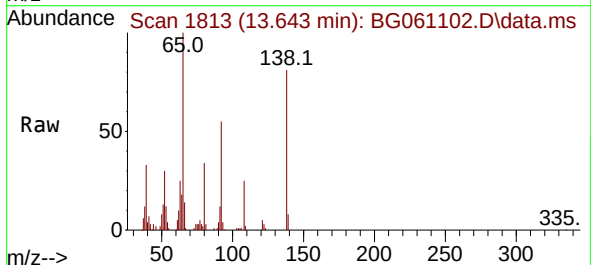
Instrument :
BNA_G
ClientSampleId :
PB160665BS

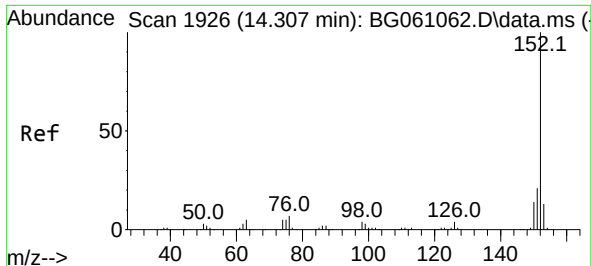
Tgt Ion:162 Resp: 162549
Ion Ratio Lower Upper
162 100
127 39.9 30.7 46.1
164 33.5 26.8 40.2



#48
2-Nitroaniline
Concen: 47.980 ng
RT: 13.643 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

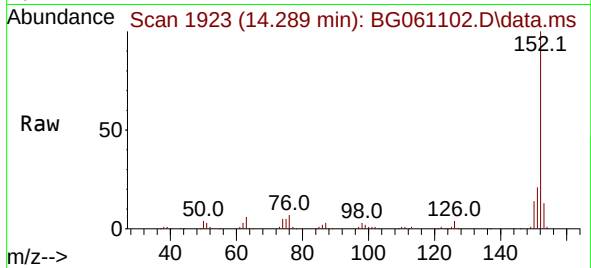
Tgt Ion: 65 Resp: 63343
Ion Ratio Lower Upper
65 100
92 54.6 46.7 70.1
138 80.9 71.4 107.2



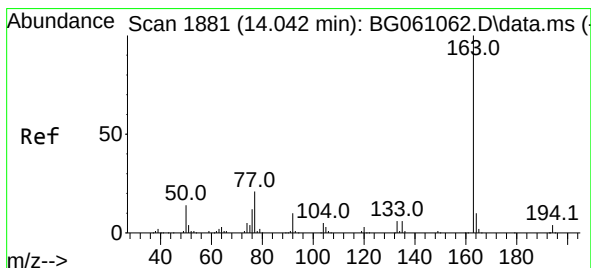
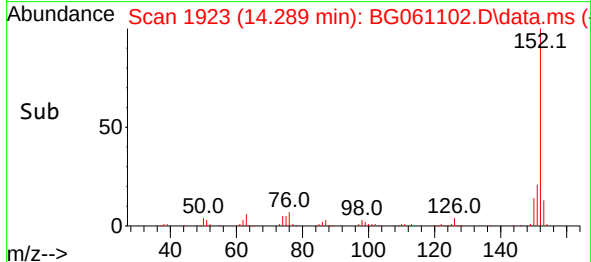
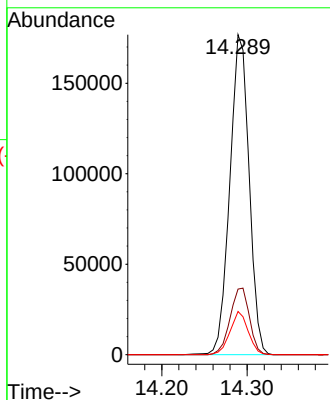


#49
Acenaphthylene
Concen: 50.709 ng
RT: 14.289 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Instrument :
BNA_G
ClientSampleId :
PB160665BS

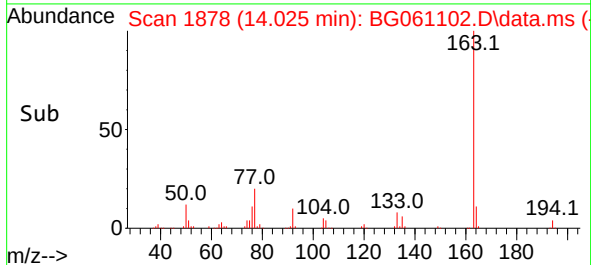
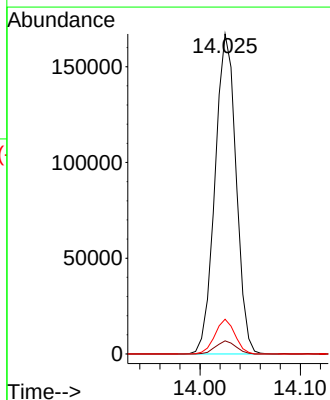
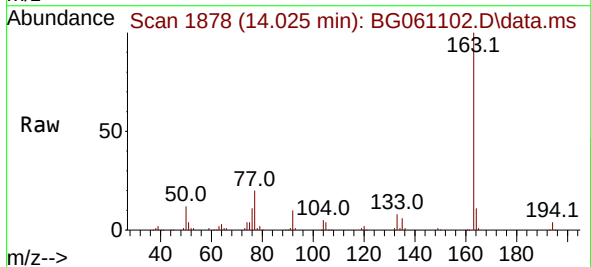


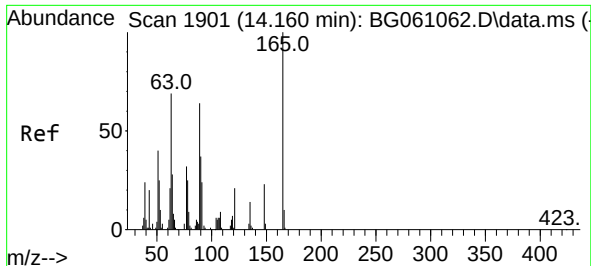
Tgt Ion:152 Resp: 277088
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 45.516 ng
RT: 14.025 min Scan# 1878
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:163 Resp: 243610
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 45.223 ng

RT: 14.142 min Scan# 1

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

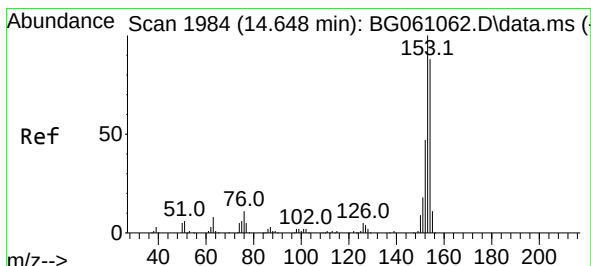
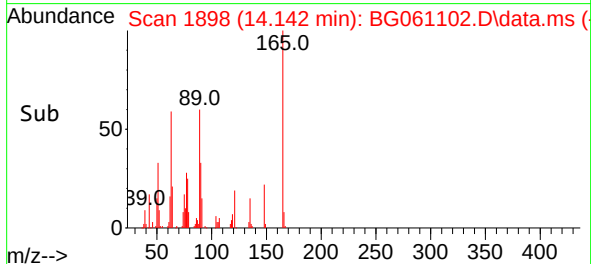
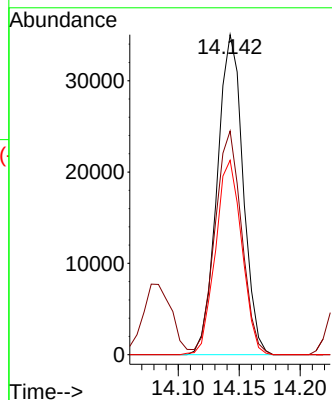
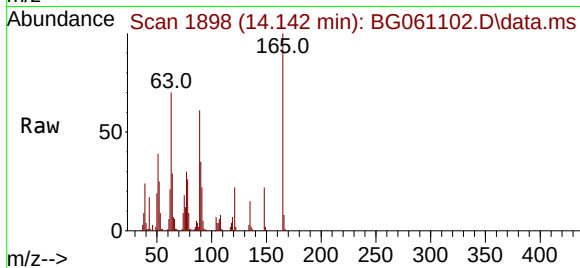
Tgt Ion:165 Resp: 51772

Ion Ratio Lower Upper

165 100

63 69.9 60.0 90.0

89 60.7 50.9 76.3



#52

Acenaphthene

Concen: 45.323 ng

RT: 14.636 min Scan# 1982

Delta R.T. -0.012 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

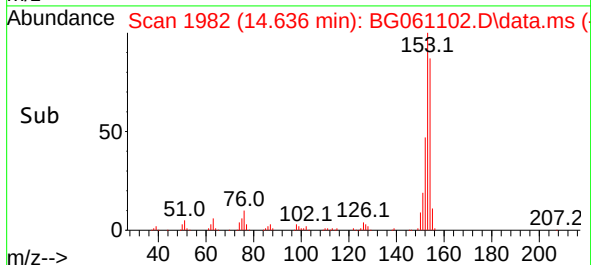
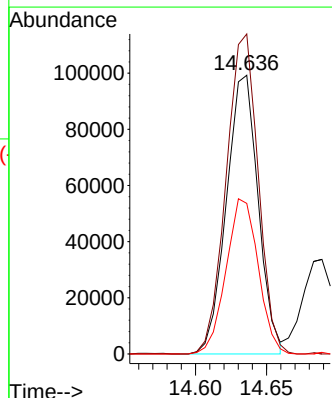
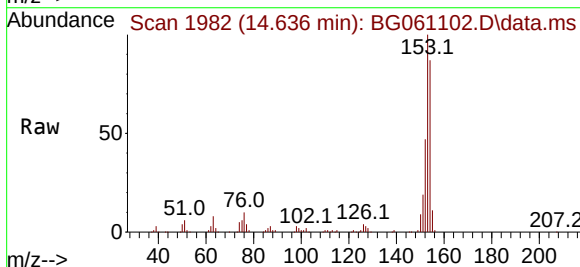
Tgt Ion:154 Resp: 154497

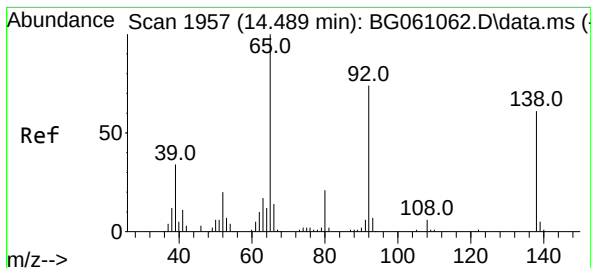
Ion Ratio Lower Upper

154 100

153 114.8 91.0 136.4

152 54.0 43.1 64.7





#53

3-Nitroaniline

Concen: 32.623 ng

RT: 14.472 min Scan# 1954

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

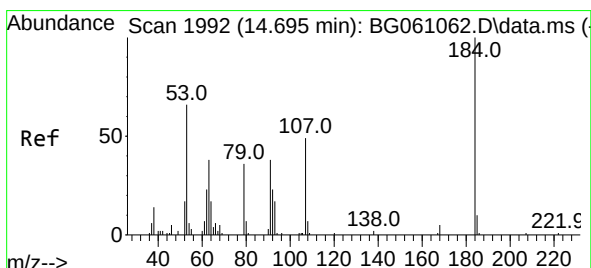
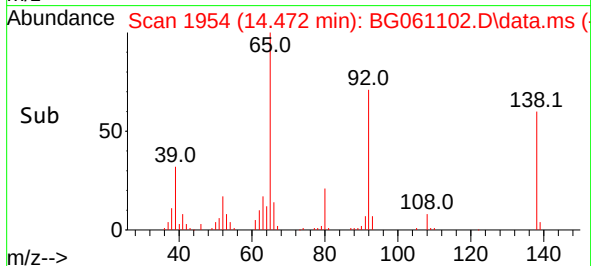
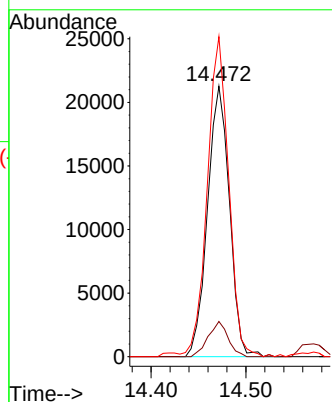
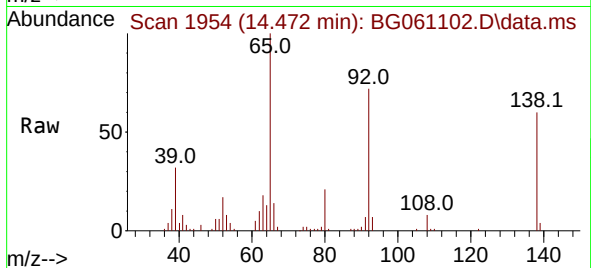
Tgt Ion:138 Resp: 34173

Ion Ratio Lower Upper

138 100

108 13.0 8.2 12.2#

92 118.3 98.0 147.0



#54

2,4-Dinitrophenol

Concen: 89.559 ng

RT: 14.689 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

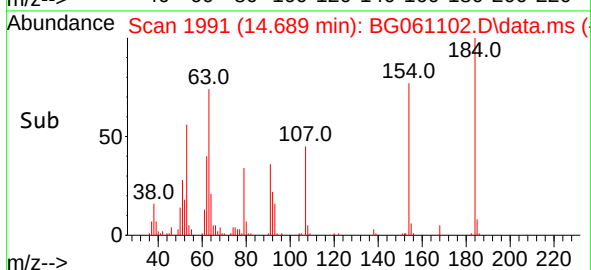
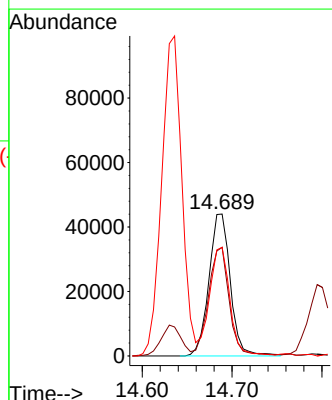
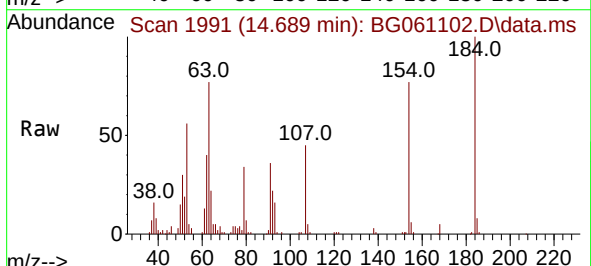
Tgt Ion:184 Resp: 72899

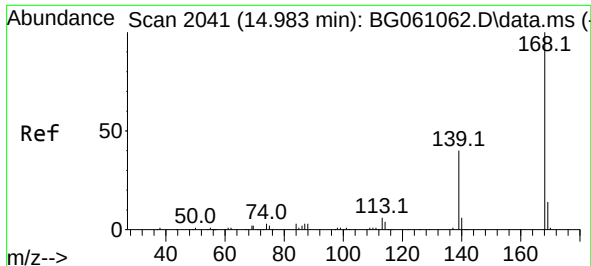
Ion Ratio Lower Upper

184 100

63 76.6 62.6 93.8

154 76.6 61.4 92.0

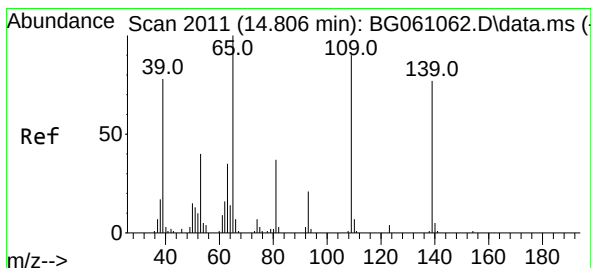
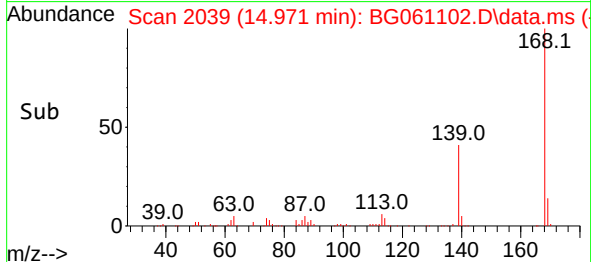
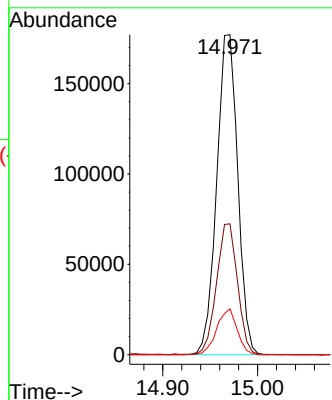
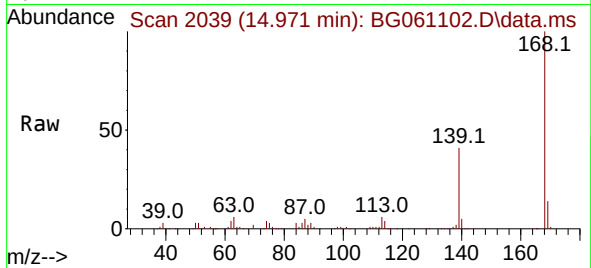




#55
Dibenzofuran
Concen: 47.512 ng
RT: 14.971 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

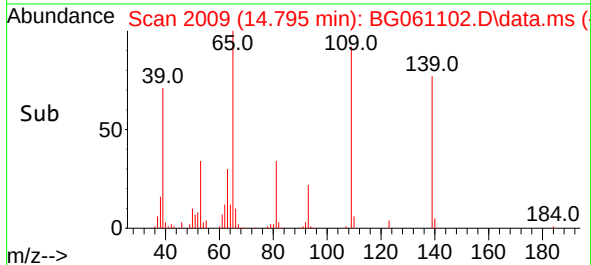
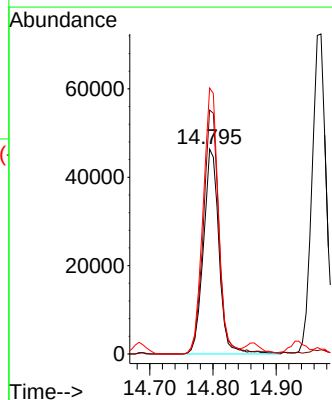
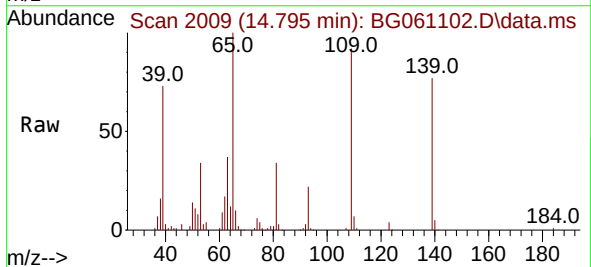
Instrument :
BNA_G
ClientSampleId :
PB160665BS

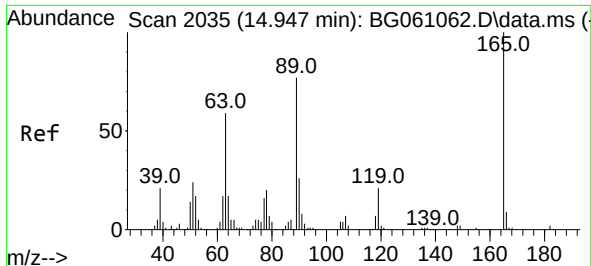
Tgt Ion:168 Resp: 273560
Ion Ratio Lower Upper
168 100
139 40.9 32.2 48.4
169 14.3 11.4 17.2



#56
4-Nitrophenol
Concen: 93.630 ng
RT: 14.795 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:139 Resp: 79262
Ion Ratio Lower Upper
139 100
109 119.1 97.7 137.7
65 129.9 110.7 150.7





#57

2,4-Dinitrotoluene

Concen: 44.721 ng

RT: 14.936 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

Tgt Ion:165 Resp: 75746

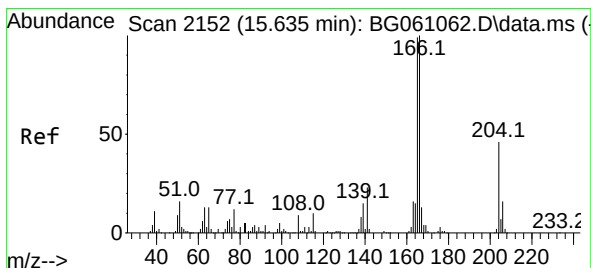
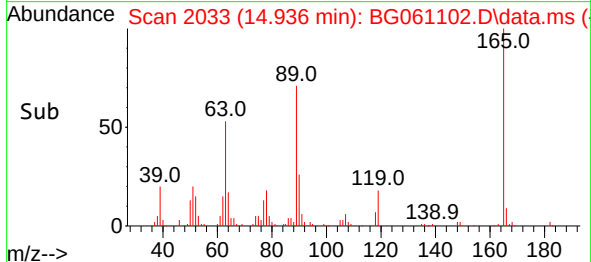
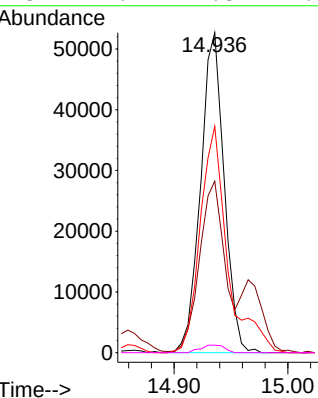
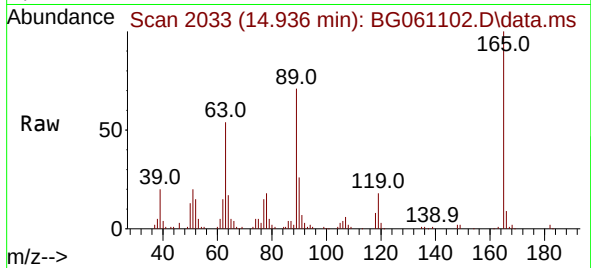
Ion Ratio Lower Upper

165 100

63 53.6 47.3 70.9

89 70.7 61.8 92.8

182 2.4 1.8 2.6



#58

Fluorene

Concen: 45.576 ng

RT: 15.617 min Scan# 2149

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

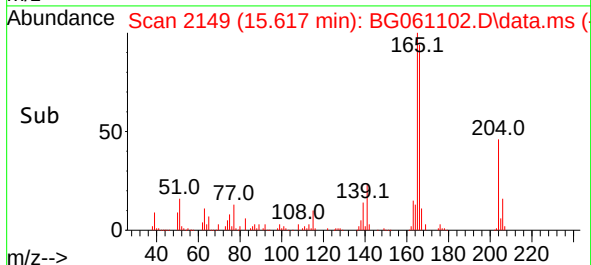
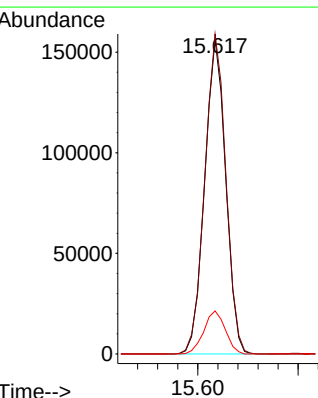
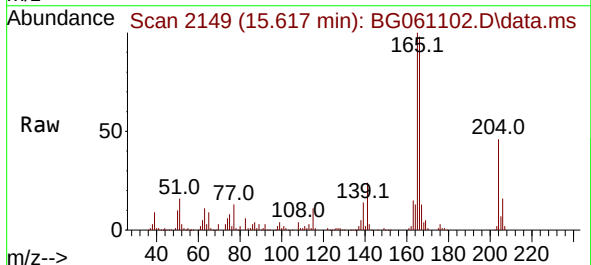
Tgt Ion:166 Resp: 227072

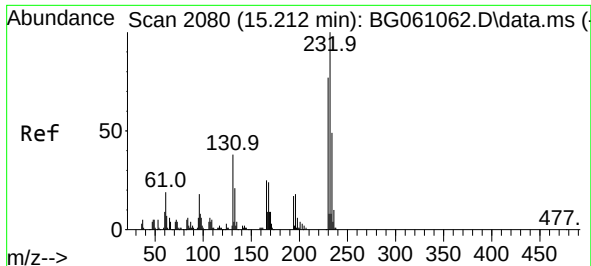
Ion Ratio Lower Upper

166 100

165 101.7 78.9 118.3

167 13.7 10.6 15.8

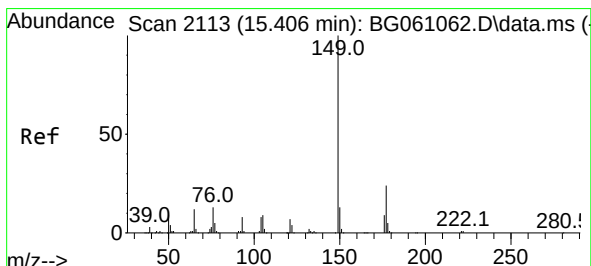
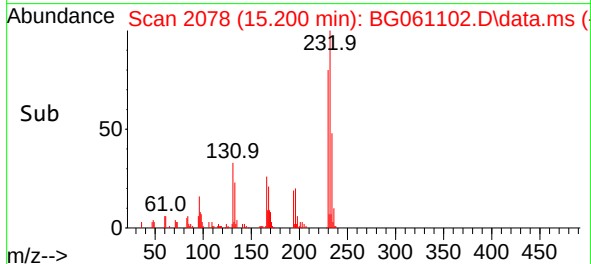
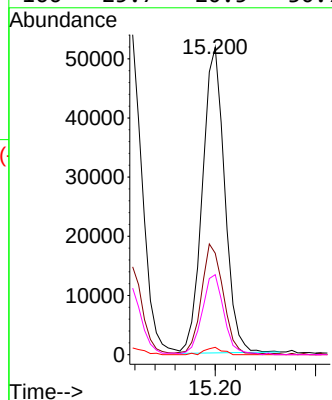
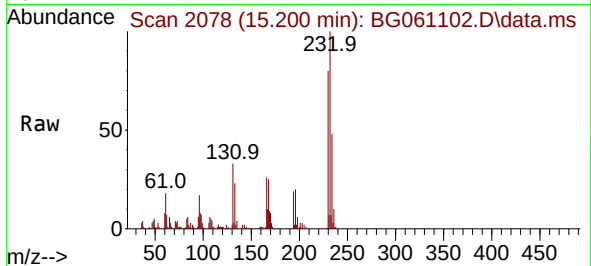




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.931 ng
RT: 15.200 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

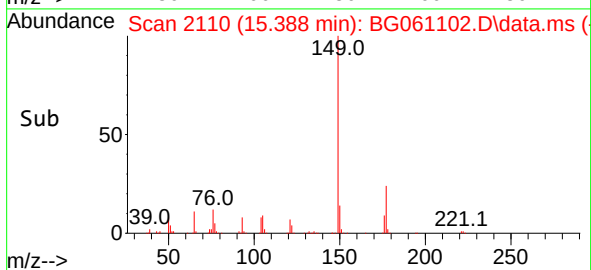
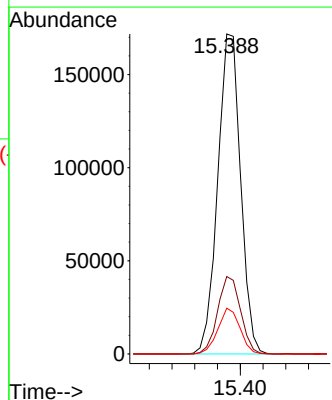
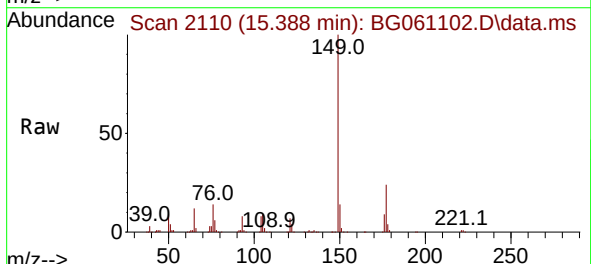
Instrument :
BNA_G
ClientSampleId :
PB160665BS

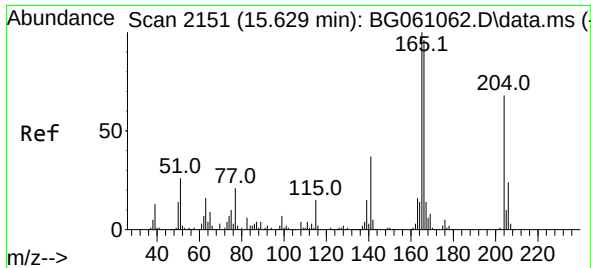
Tgt Ion:232 Resp: 79448
Ion Ratio Lower Upper
232 100
131 36.2 27.0 40.4
130 1.9 1.7 2.5
166 25.7 20.5 30.7



#60
Diethylphthalate
Concen: 44.482 ng
RT: 15.388 min Scan# 2110
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:149 Resp: 240082
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 14.3 10.6 16.0

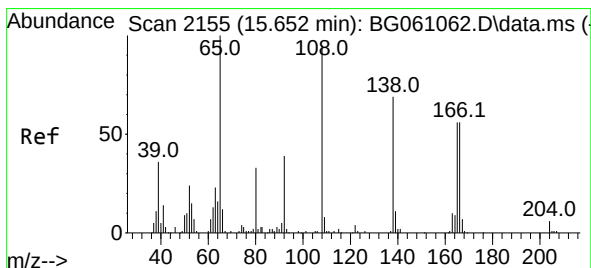
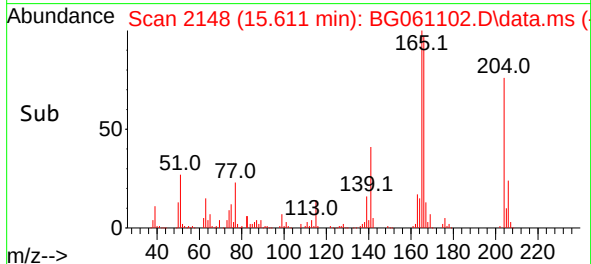
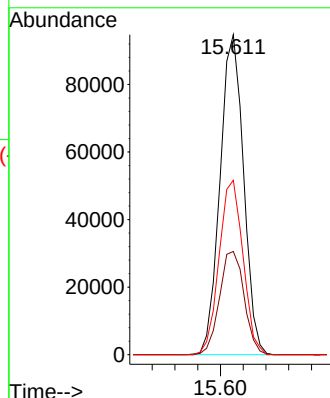
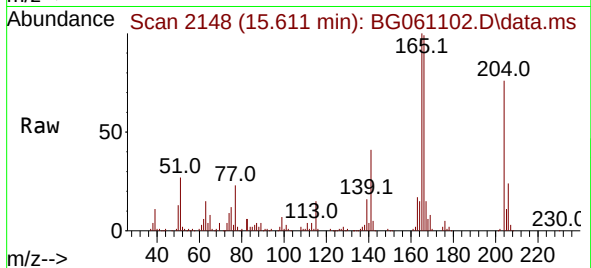




#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 15.611 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

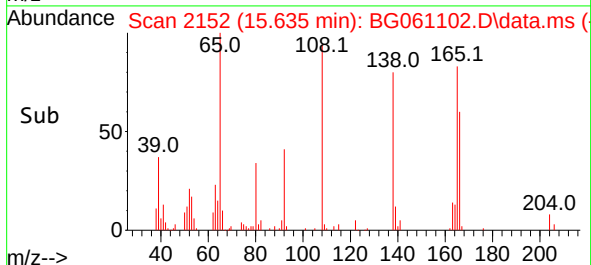
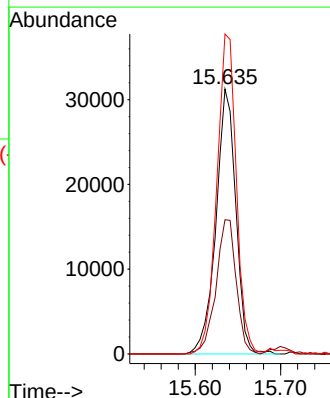
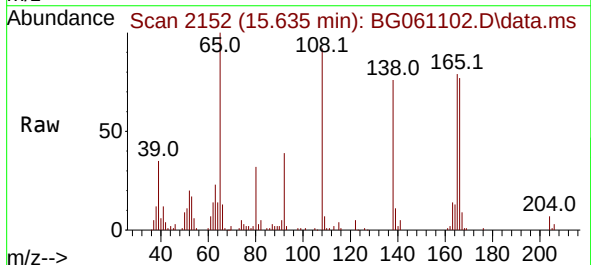
Instrument :
BNA_G
ClientSampleId :
PB160665BS

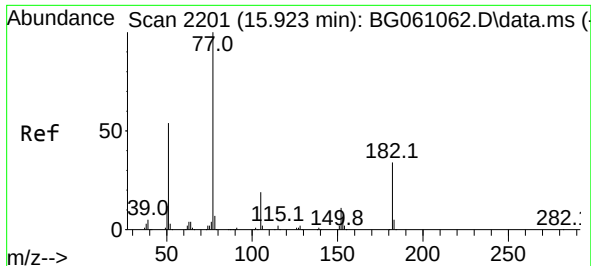
Tgt Ion:204 Resp: 136204
Ion Ratio Lower Upper
204 100
206 32.3 27.8 41.6
141 54.5 42.9 64.3



#62
4-Nitroaniline
Concen: 44.545 ng
RT: 15.635 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:138 Resp: 50607
Ion Ratio Lower Upper
138 100
92 50.7 35.5 75.5
108 120.8 116.2 156.2

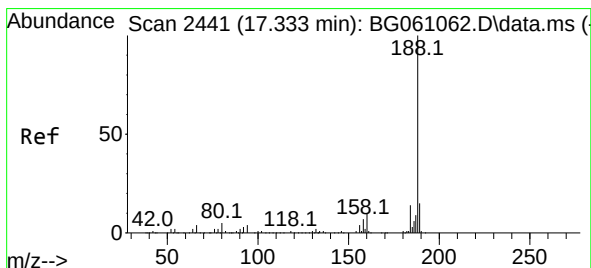
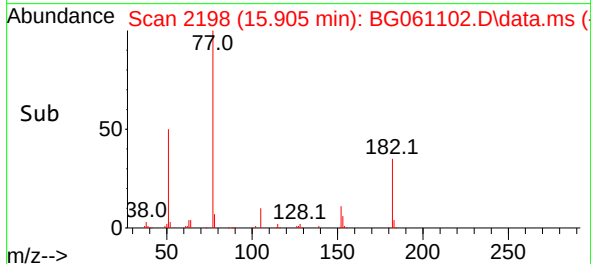
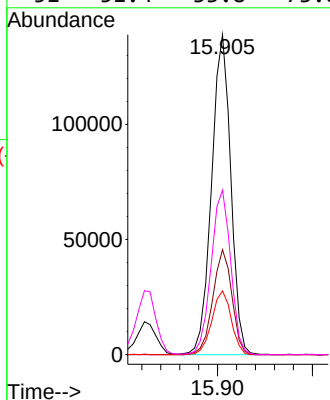
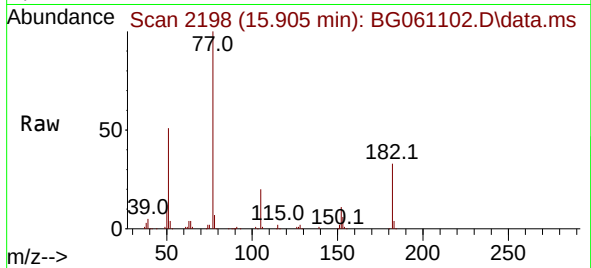




#63
Azobenzene
Concen: 46.534 ng
RT: 15.905 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

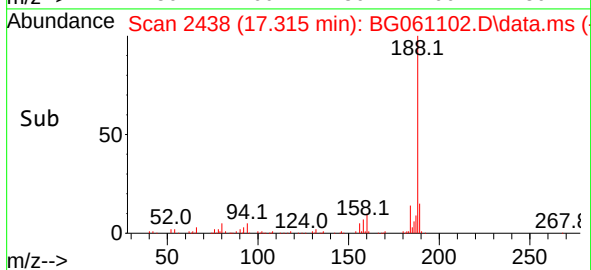
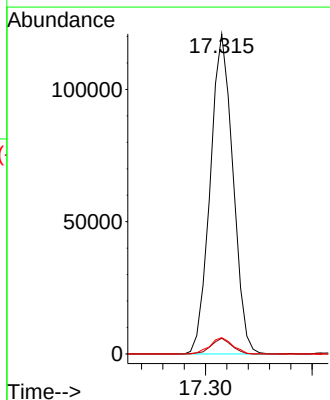
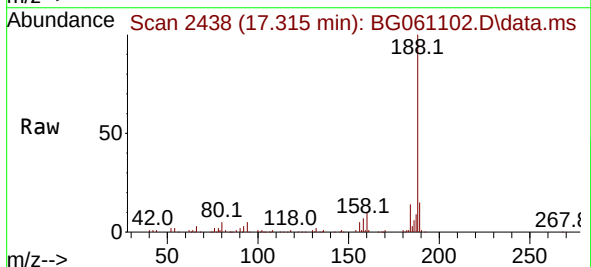
Instrument :
BNA_G
ClientSampleId :
PB160665BS

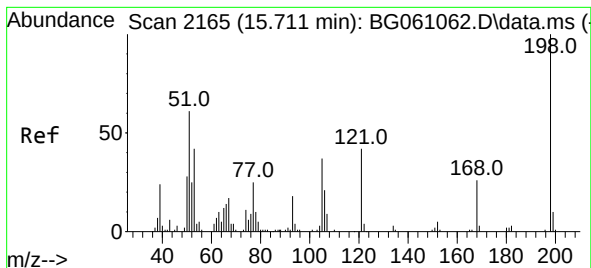
Tgt Ion: 77	Resp: 195515
Ion Ratio	Lower Upper
77 100	
182 32.8	13.5 53.5
105 19.9	0.0 39.3
51 51.4	33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2438
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:188	Resp: 179031
Ion Ratio	Lower Upper
188 100	
94 4.9	3.6 5.4
80 5.1	4.2 6.2

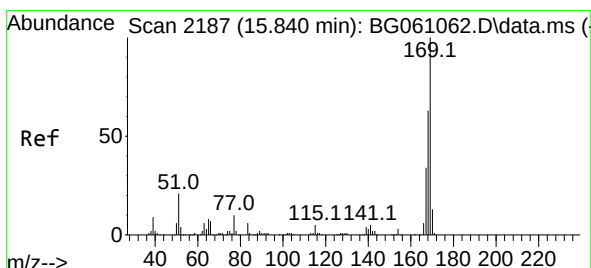
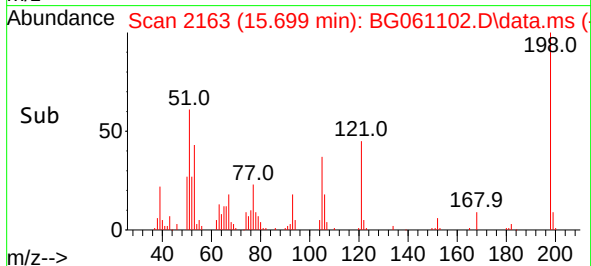
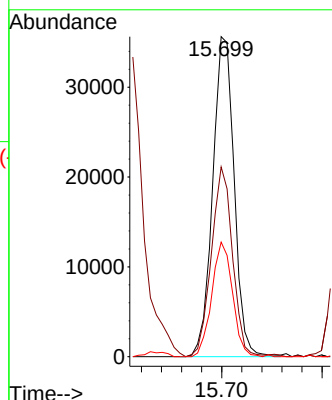
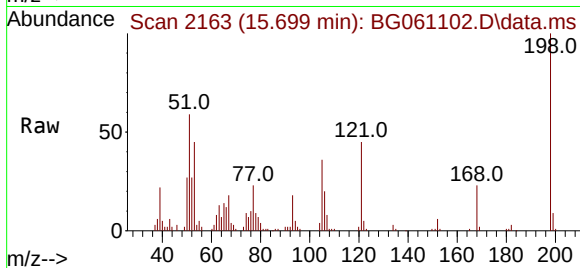




#65
4,6-Dinitro-2-methylphenol
Concen: 47.678 ng
RT: 15.699 min Scan# 2163
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

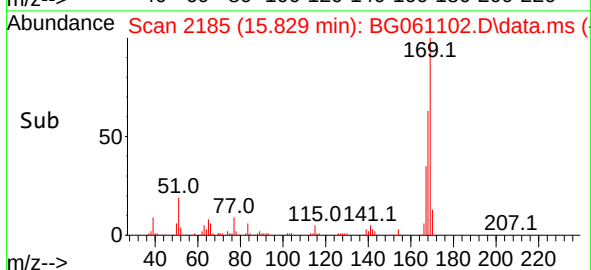
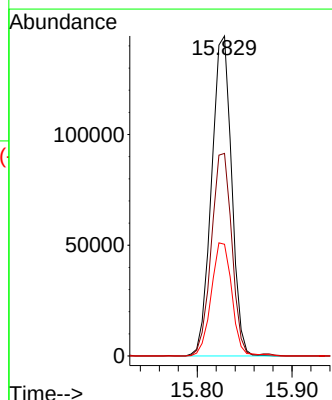
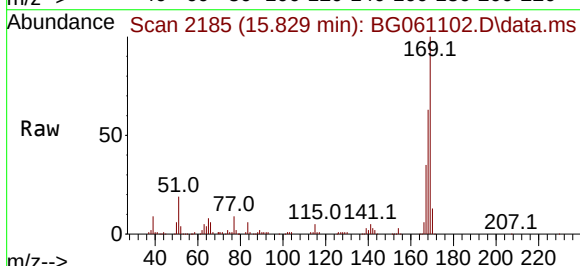
Instrument :
BNA_G
ClientSampleId :
PB160665BS

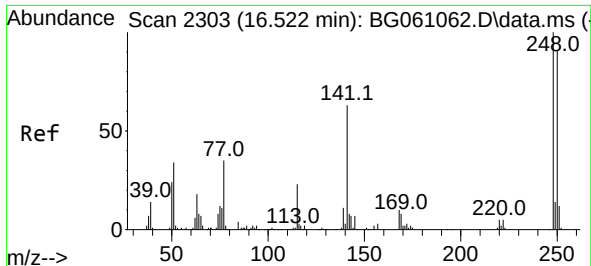
Tgt Ion:198 Resp: 52961
Ion Ratio Lower Upper
198 100
51 59.3 41.2 81.2
105 35.8 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 47.673 ng
RT: 15.829 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:169 Resp: 211649
Ion Ratio Lower Upper
169 100
168 63.3 50.6 75.8
167 34.9 27.4 41.2

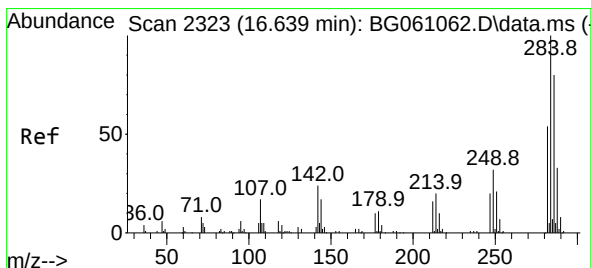
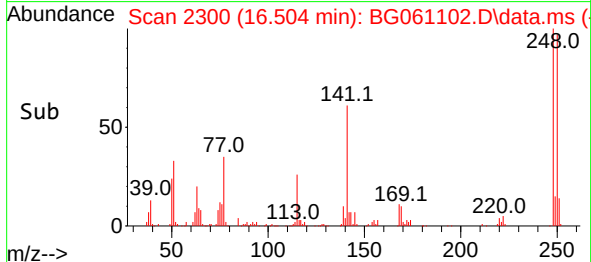
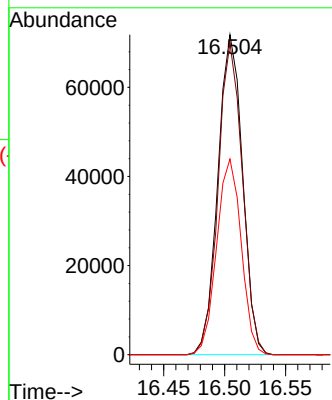
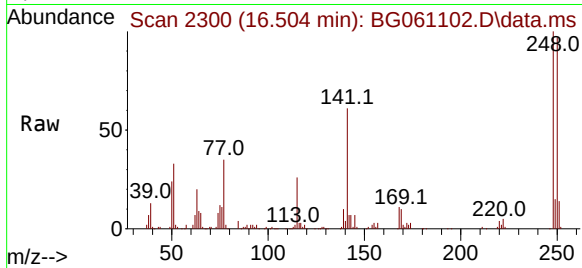




#67
4-Bromophenyl-phenylether
Concen: 47.991 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

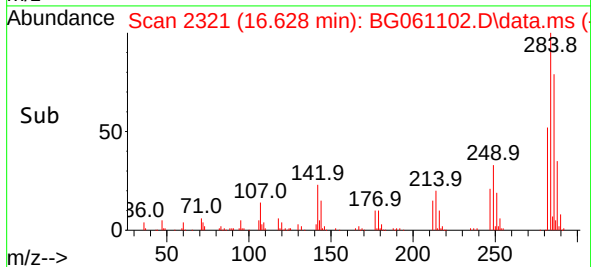
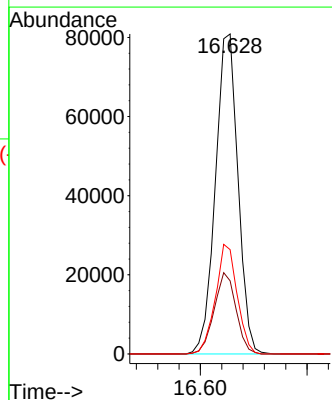
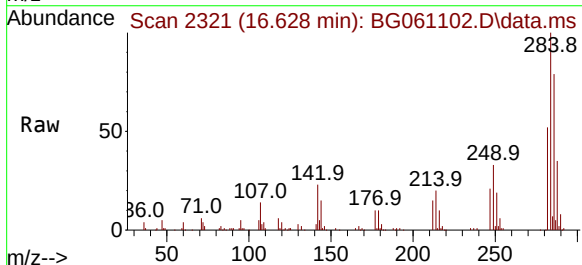
Instrument :
BNA_G
ClientSampleId :
PB160665BS

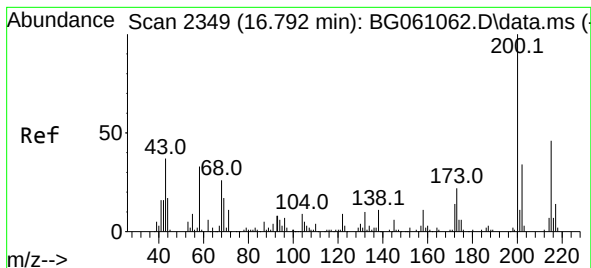
Tgt Ion:248 Resp: 101214
Ion Ratio Lower Upper
248 100
250 97.4 73.0 109.4
141 61.2 50.8 76.2



#68
Hexachlorobenzene
Concen: 45.157 ng
RT: 16.628 min Scan# 2321
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:284 Resp: 118537
Ion Ratio Lower Upper
284 100
142 22.8 19.2 28.8
249 32.6 25.4 38.2





#69

Atrazine

Concen: 52.491 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

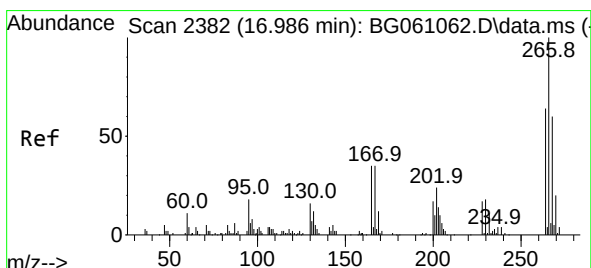
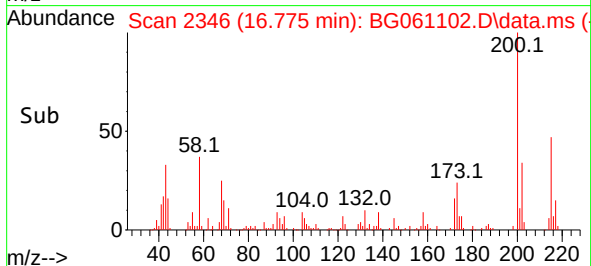
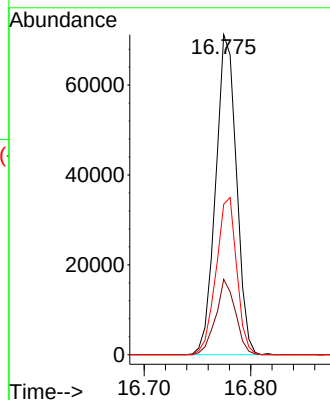
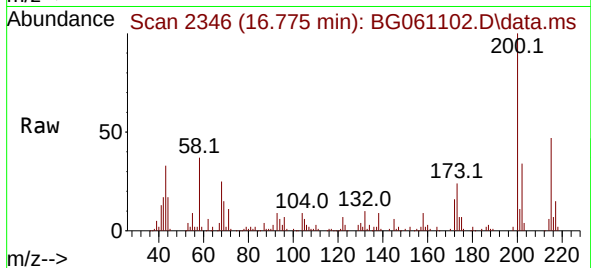
Tgt Ion:200 Resp: 96107

Ion Ratio Lower Upper

200 100

173 23.6 2.0 42.0

215 47.0 26.2 66.2



#70

Pentachlorophenol

Concen: 86.177 ng

RT: 16.969 min Scan# 2379

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

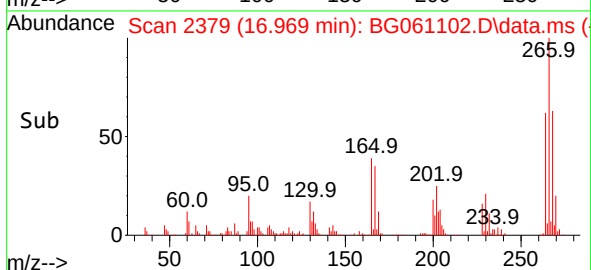
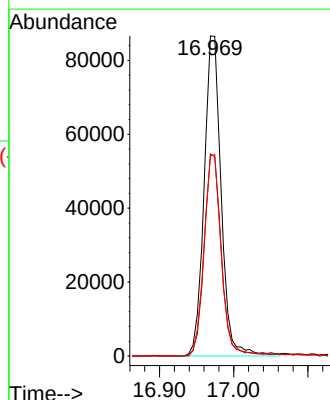
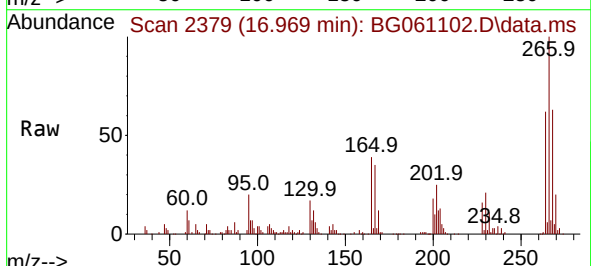
Tgt Ion:266 Resp: 138975

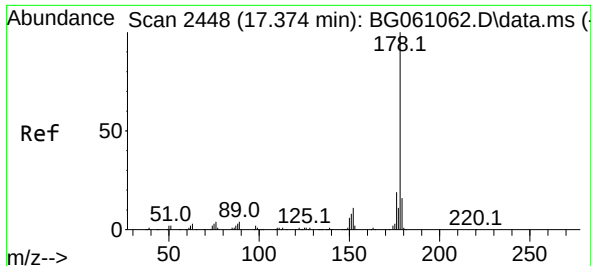
Ion Ratio Lower Upper

266 100

268 63.1 47.8 71.8

264 62.5 51.5 77.3

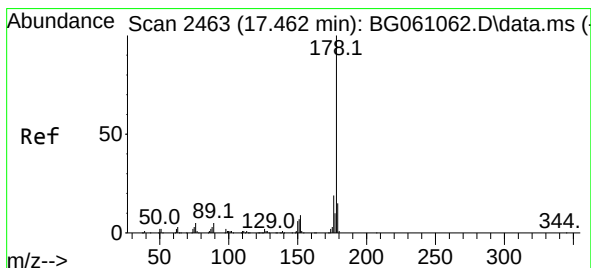
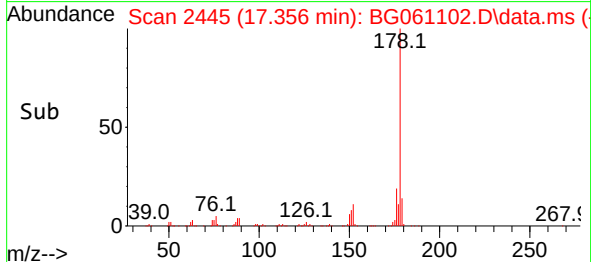
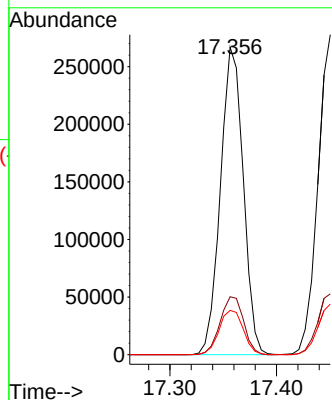
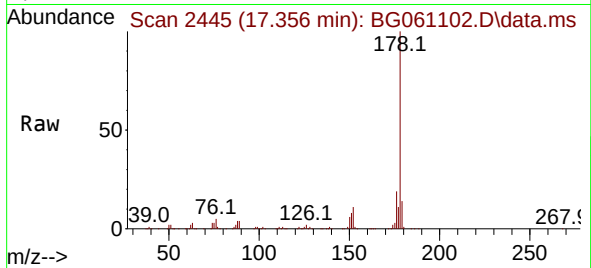




#71
Phenanthrene
Concen: 48.468 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

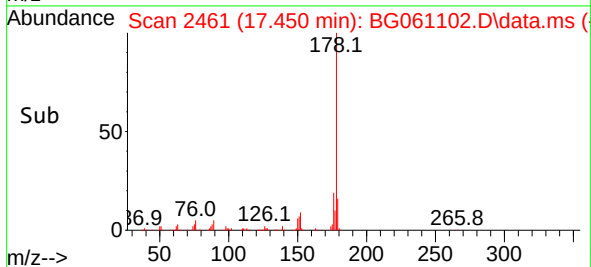
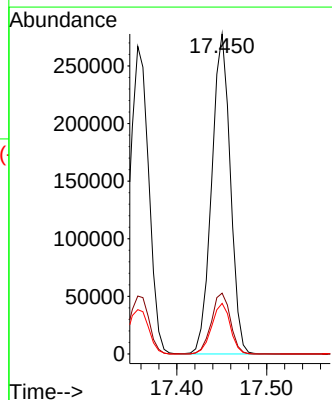
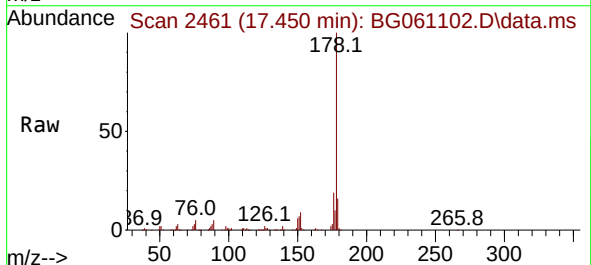
Instrument :
BNA_G
ClientSampleId :
PB160665BS

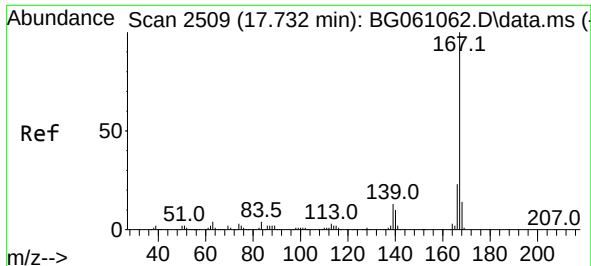
Tgt Ion:178 Resp: 396761
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 14.4 12.6 19.0



#72
Anthracene
Concen: 48.918 ng
RT: 17.450 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:178 Resp: 399577
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.8 12.0 18.0

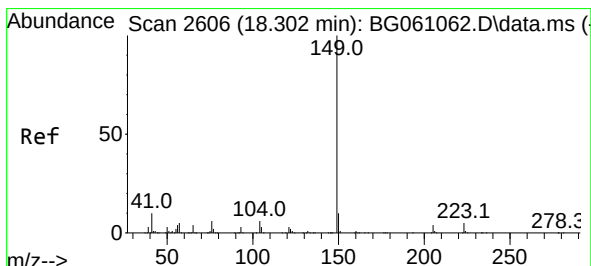
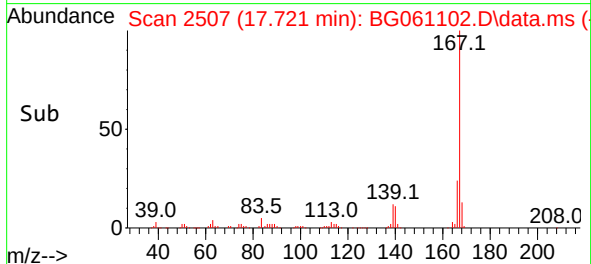
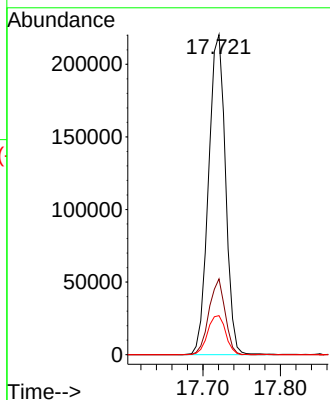
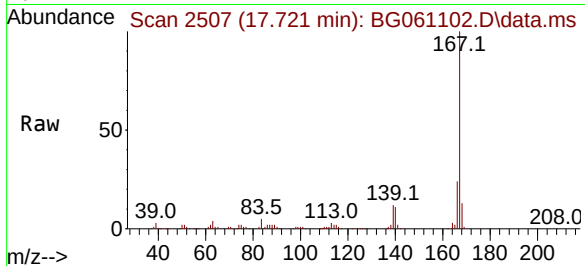




#73
 Carbazole
 Concen: 46.541 ng
 RT: 17.721 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

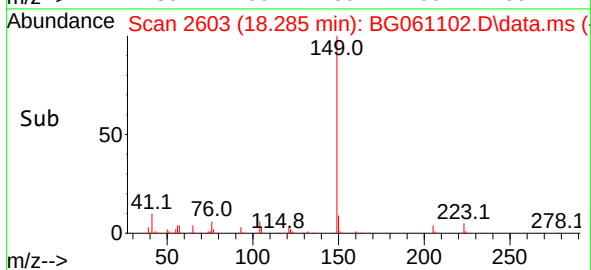
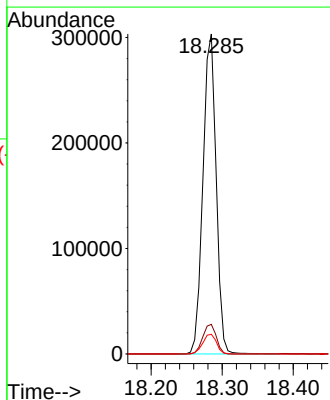
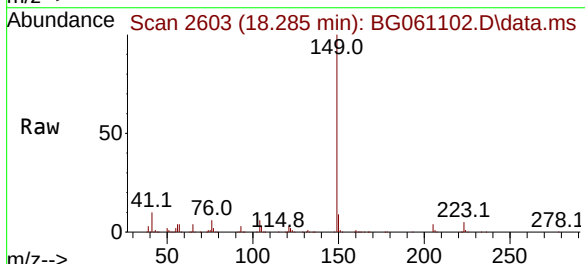
Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

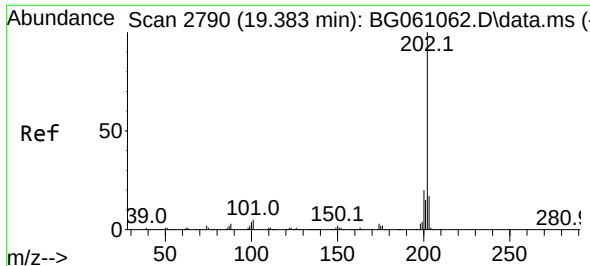
Tgt Ion:167 Resp: 334254
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.7 28.1
 139 12.2 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 45.943 ng
 RT: 18.285 min Scan# 2603
 Delta R.T. -0.018 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

Tgt Ion:149 Resp: 392353
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 6.1 5.0 7.6

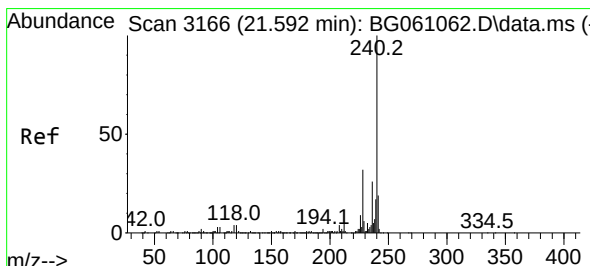
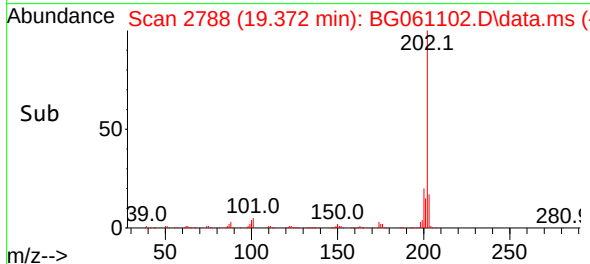
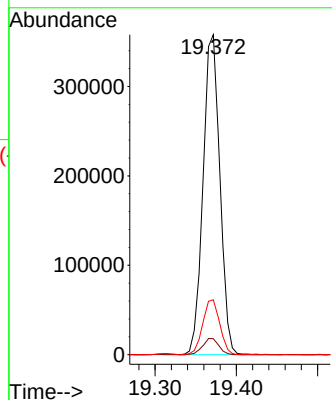
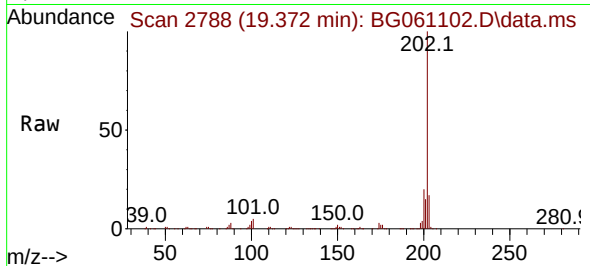




#75
Fluoranthene
Concen: 45.833 ng
RT: 19.372 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

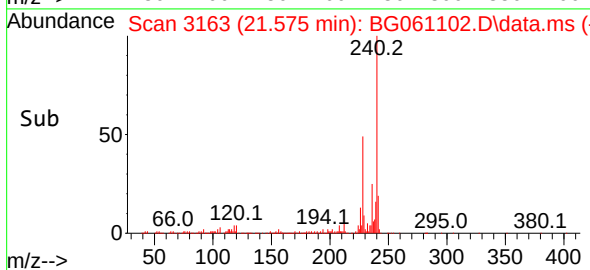
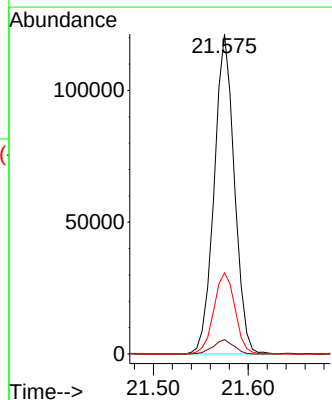
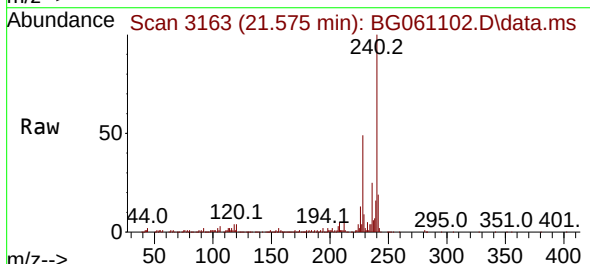
Instrument :
BNA_G
ClientSampleId :
PB160665BS

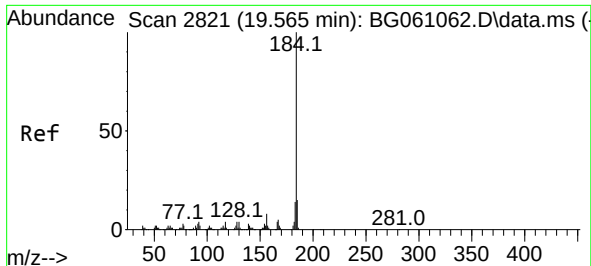
Tgt Ion:202 Resp: 514003
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.7
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:240 Resp: 180038
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 25.3 21.0 31.6

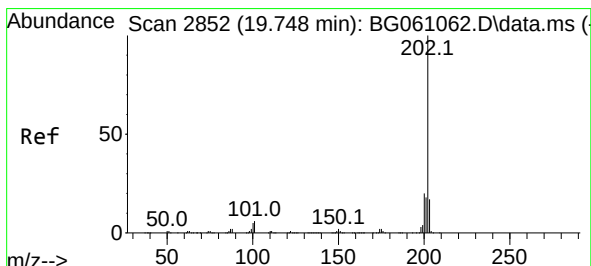
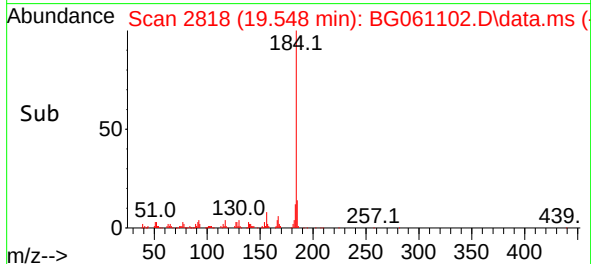
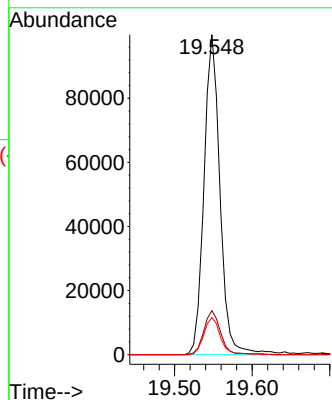
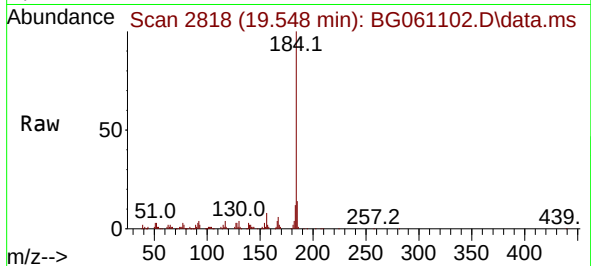




#77
Benzidine
Concen: 42.147 ng
RT: 19.548 min Scan# 2818
Delta R.T. -0.017 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

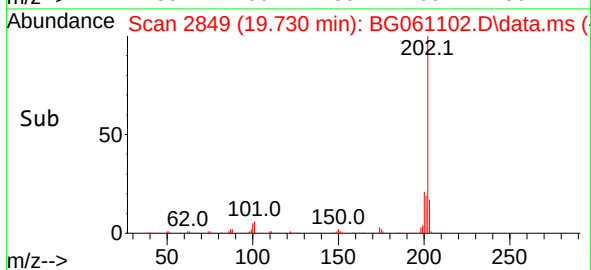
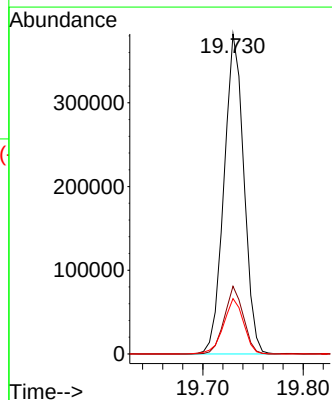
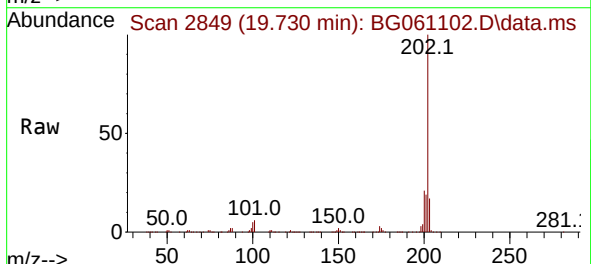
Instrument :
BNA_G
ClientSampleId :
PB160665BS

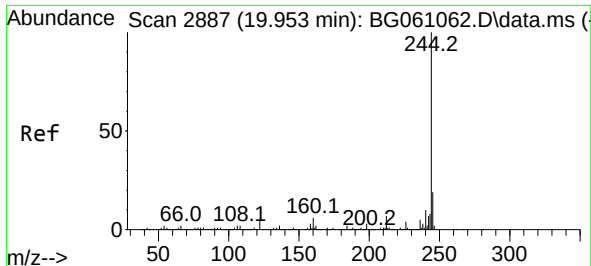
Tgt Ion:184 Resp: 143155
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 11.6 10.9 16.3



#78
Pyrene
Concen: 45.882 ng
RT: 19.730 min Scan# 2849
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:202 Resp: 525166
Ion Ratio Lower Upper
202 100
200 21.2 16.2 24.4
203 17.3 13.3 19.9

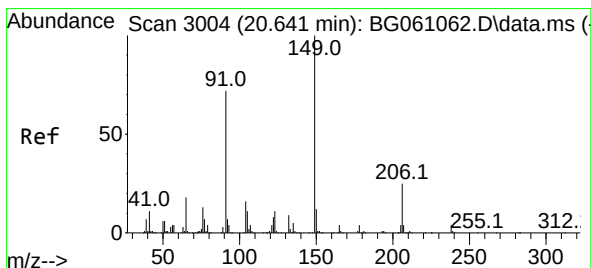
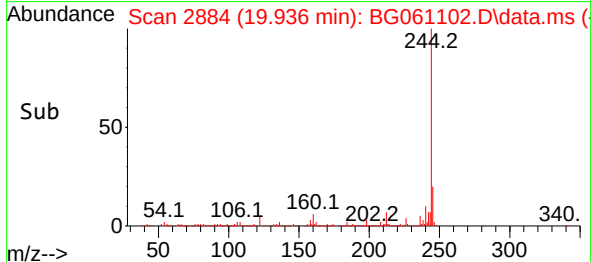
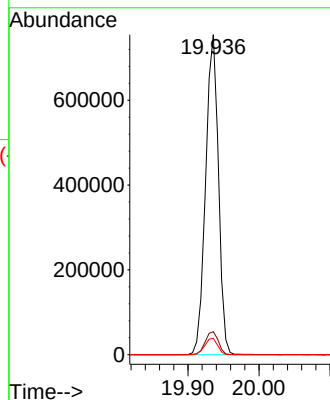
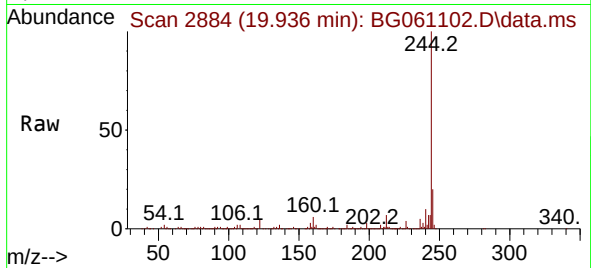




#79
 Terphenyl-d14
 Concen: 87.499 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

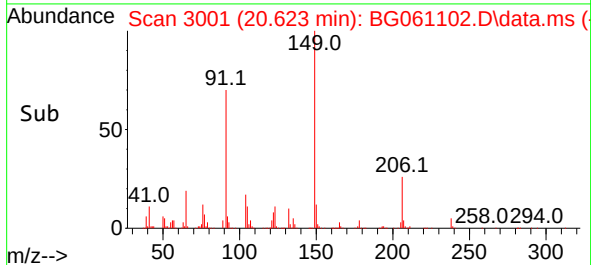
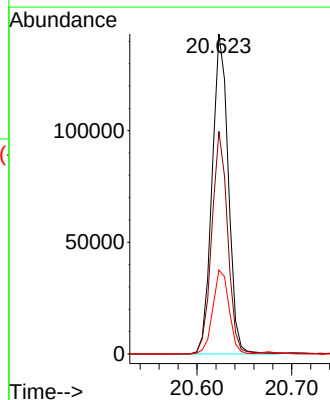
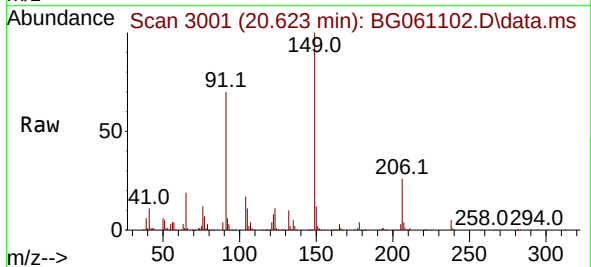
Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

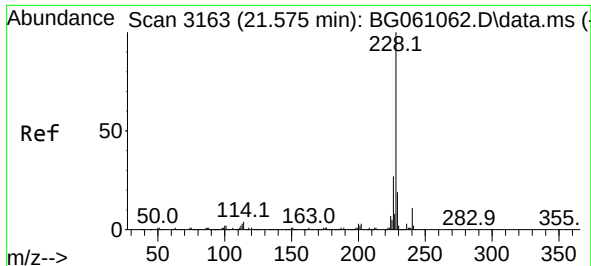
Tgt Ion:244 Resp: 947188
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.1 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 47.082 ng
 RT: 20.623 min Scan# 3001
 Delta R.T. -0.018 min
 Lab File: BG061102.D
 Acq: 3 May 2024 11:43

Tgt Ion:149 Resp: 170586
 Ion Ratio Lower Upper
 149 100
 91 69.6 57.4 86.2
 206 26.3 19.8 29.6

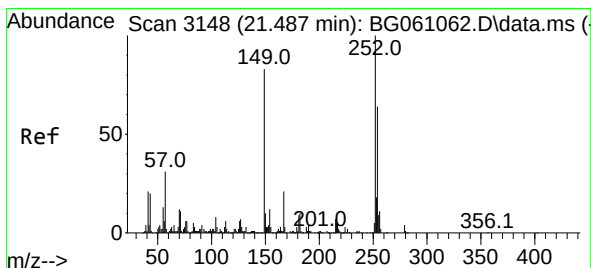
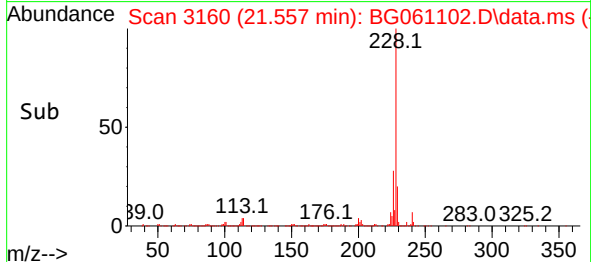
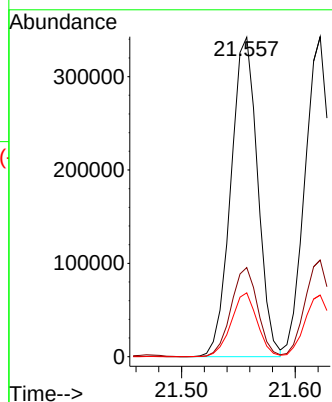
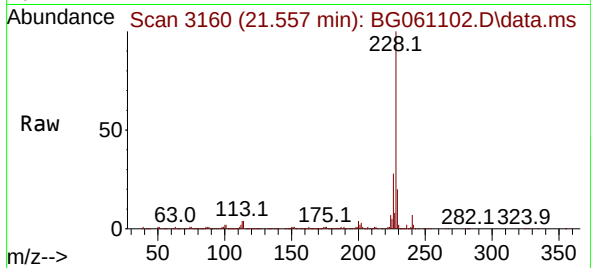




#81
Benzo(a)anthracene
Concen: 47.520 ng
RT: 21.557 min Scan# 3160
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

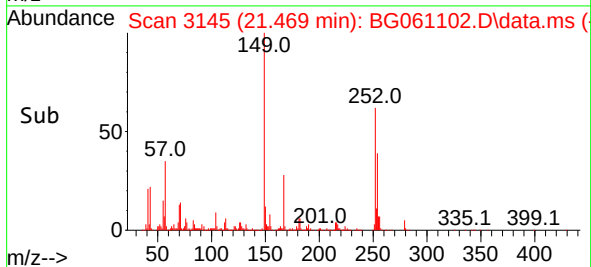
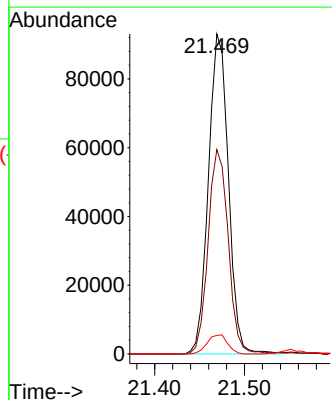
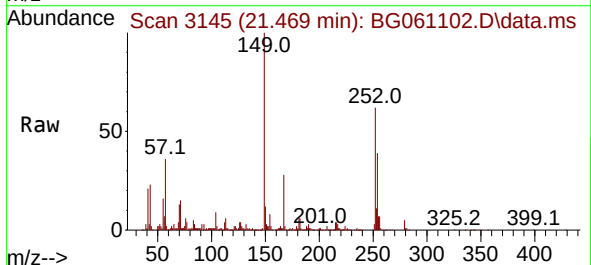
Instrument :
BNA_G
ClientSampleId :
PB160665BS

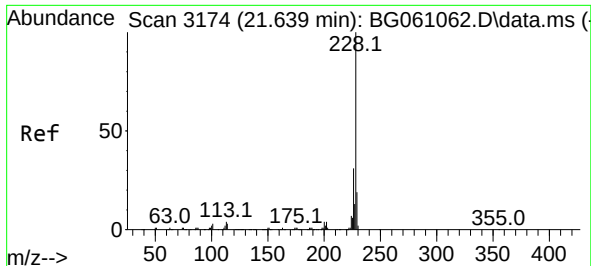
Tgt Ion:228 Resp: 559845
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.0 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 33.927 ng
RT: 21.469 min Scan# 3145
Delta R.T. -0.018 min
Lab File: BG061102.D
Acq: 3 May 2024 11:43

Tgt Ion:252 Resp: 143843
Ion Ratio Lower Upper
252 100
254 63.9 51.3 76.9
126 5.8 5.2 7.8





#83

Chrysene

Concen: 48.155 ng

RT: 21.622 min Scan# 3171

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

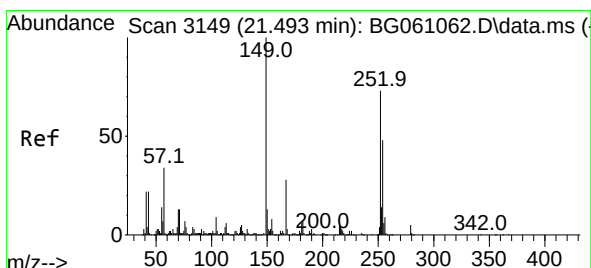
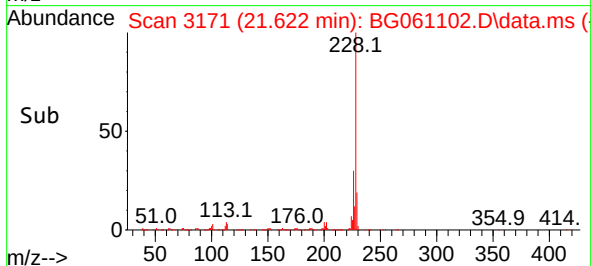
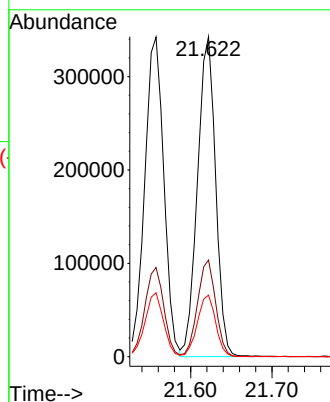
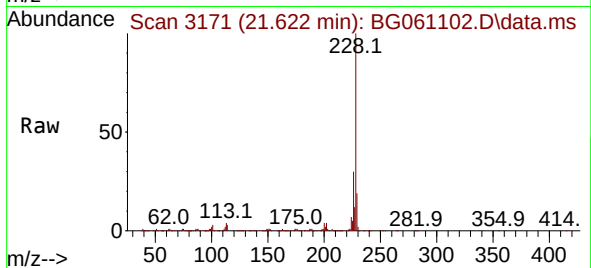
Tgt Ion:228 Resp: 531531

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.3 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.920 ng

RT: 21.475 min Scan# 3146

Delta R.T. -0.018 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

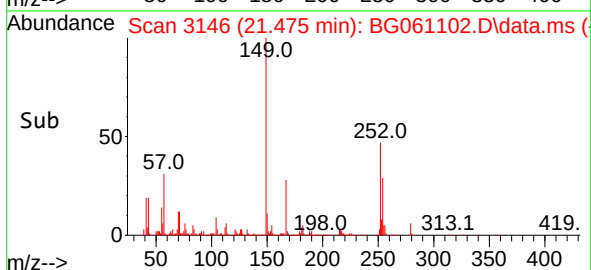
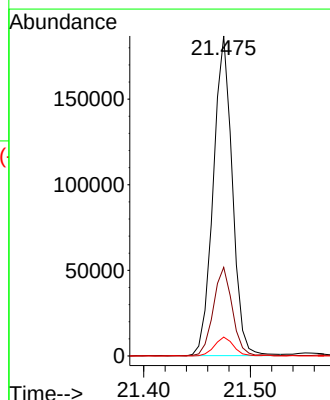
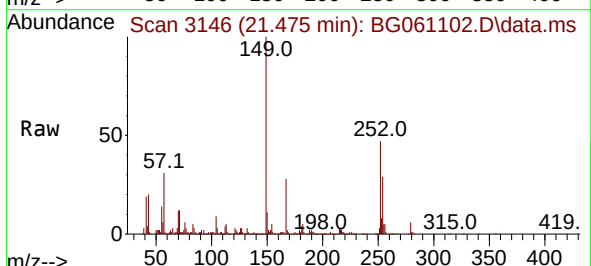
Tgt Ion:149 Resp: 231454

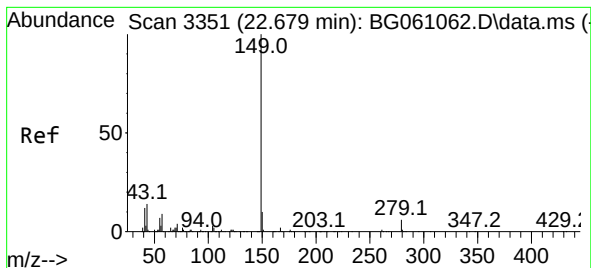
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.106 ng

RT: 22.656 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

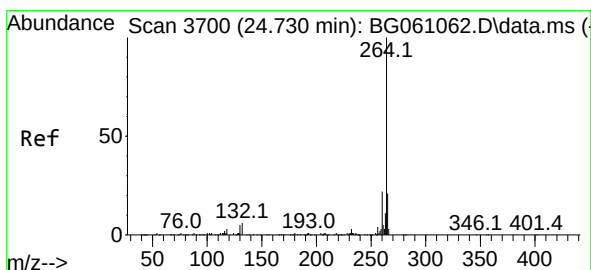
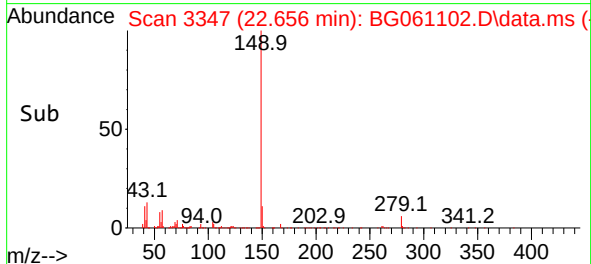
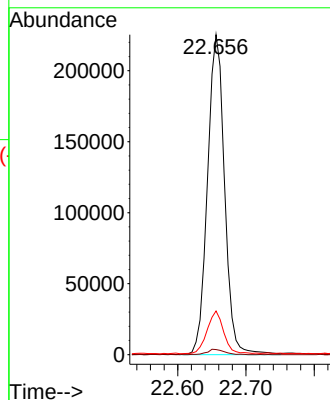
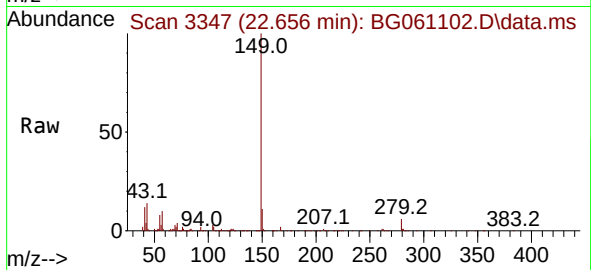
Tgt Ion:149 Resp: 393211

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 12.6 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.695 min Scan# 3694

Delta R.T. -0.035 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

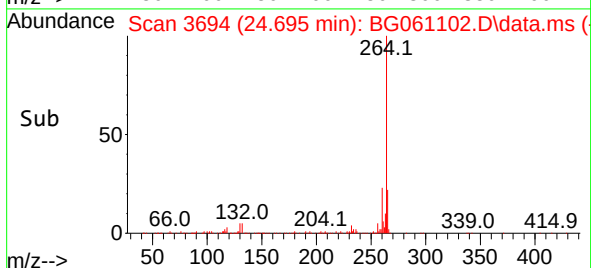
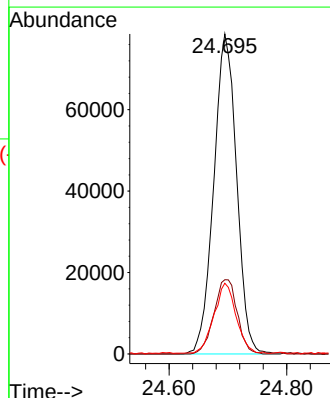
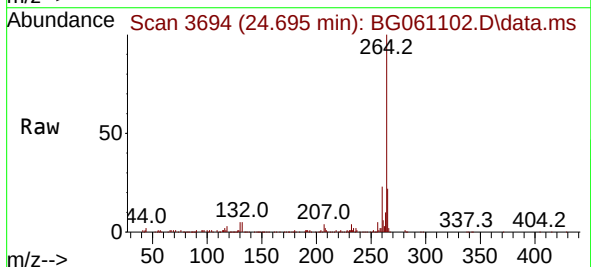
Tgt Ion:264 Resp: 211943

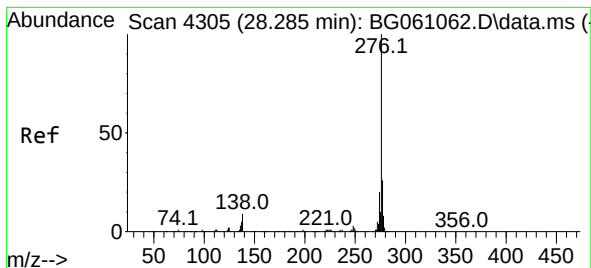
Ion Ratio Lower Upper

264 100

260 23.2 17.7 26.5

265 22.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.781 ng

RT: 28.255 min Scan# 41

Delta R.T. -0.029 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

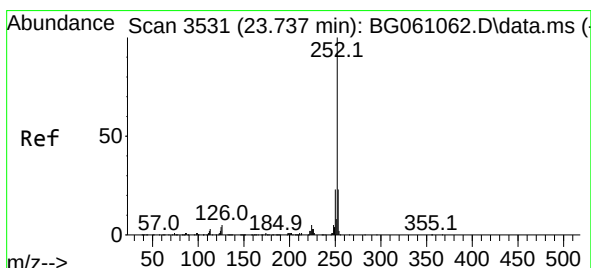
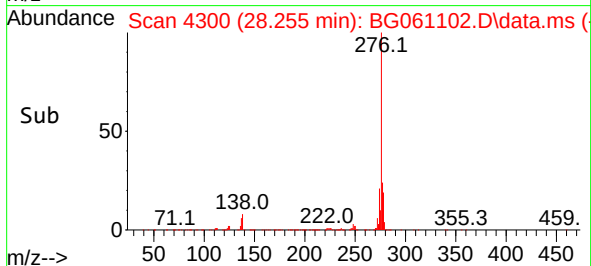
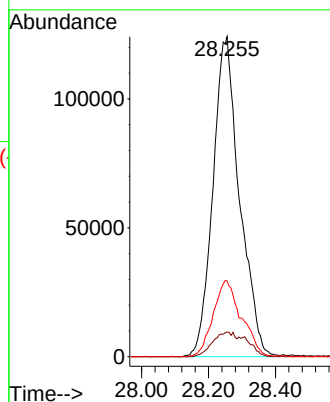
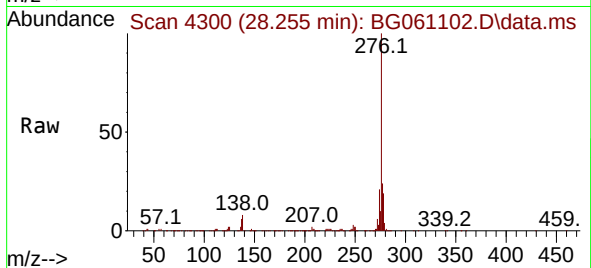
Tgt Ion:276 Resp: 685167

Ion Ratio Lower Upper

276 100

138 6.5 5.1 7.7

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 45.803 ng

RT: 23.714 min Scan# 3527

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

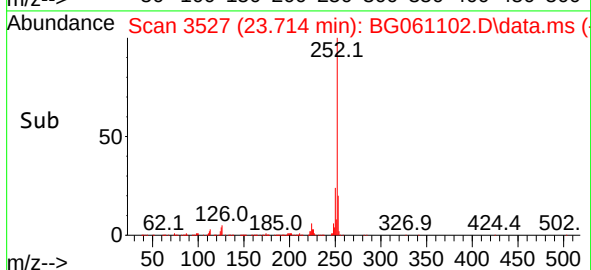
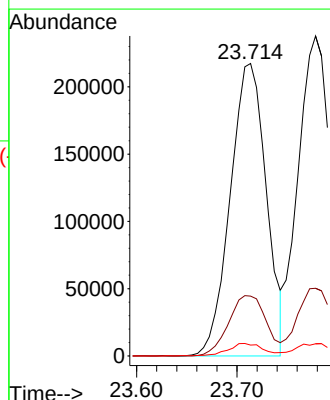
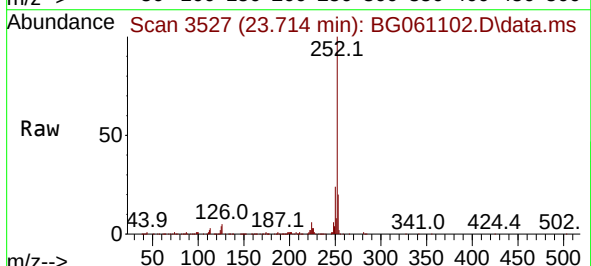
Tgt Ion:252 Resp: 542466

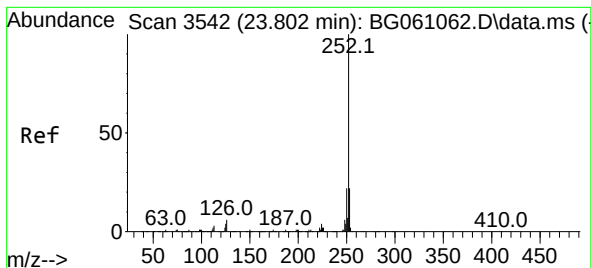
Ion Ratio Lower Upper

252 100

253 20.4 18.2 27.2

125 3.7 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 47.356 ng

RT: 23.778 min Scan# 3

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

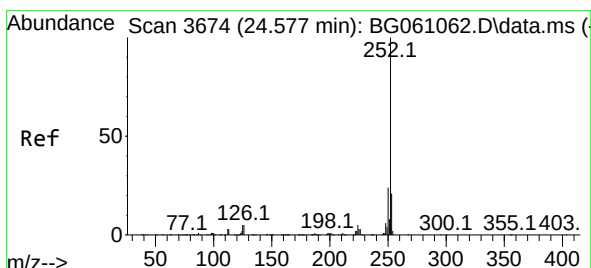
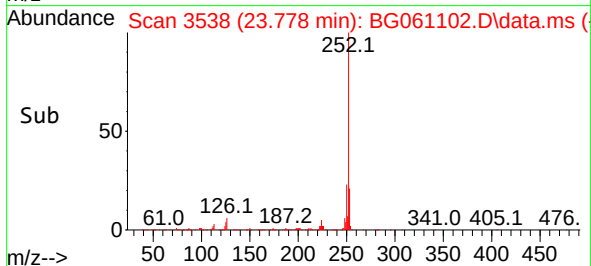
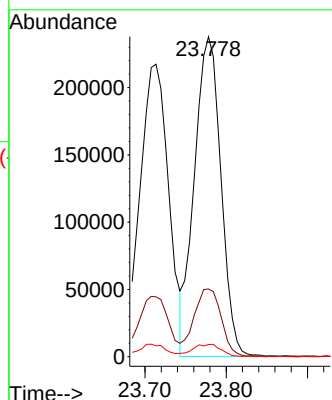
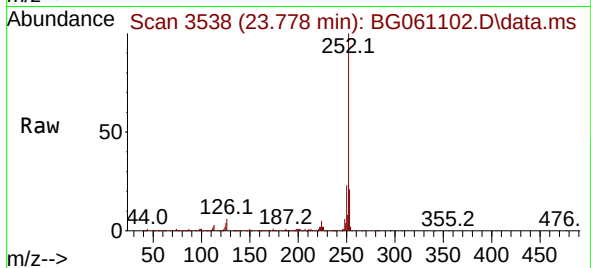
Tgt Ion:252 Resp: 539569

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 3.8 3.2 4.8



#90

Benzo(a)pyrene

Concen: 49.668 ng

RT: 24.554 min Scan# 3670

Delta R.T. -0.023 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

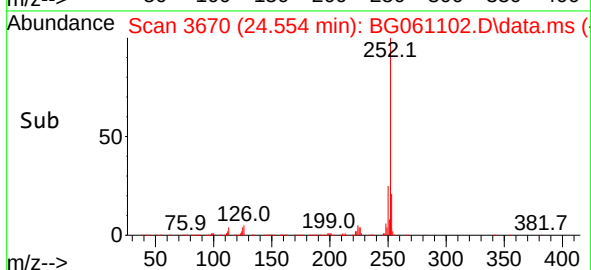
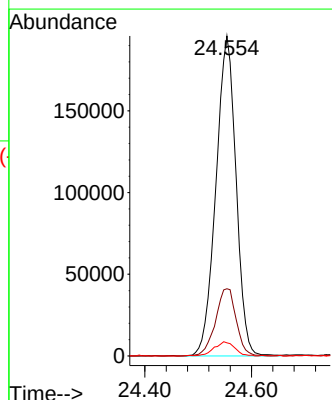
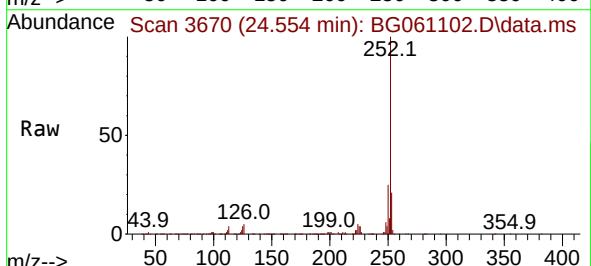
Tgt Ion:252 Resp: 512484

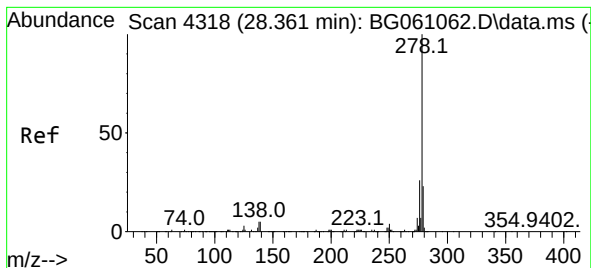
Ion Ratio Lower Upper

252 100

253 21.0 16.9 25.3

125 4.1 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 47.821 ng

RT: 28.308 min Scan# 41

Delta R.T. -0.053 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Instrument :

BNA_G

ClientSampleId :

PB160665BS

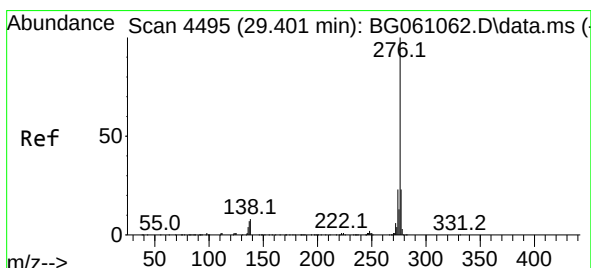
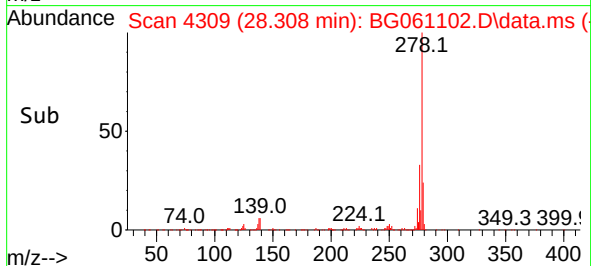
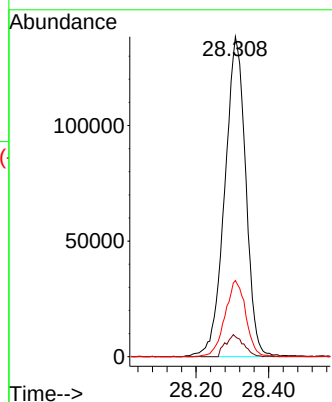
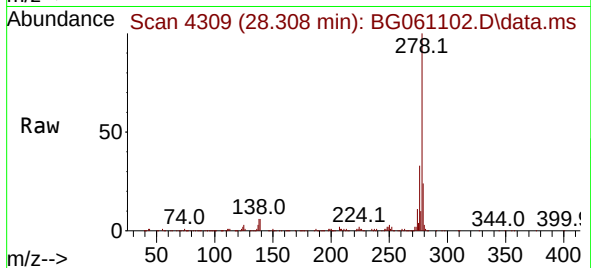
Tgt Ion:278 Resp: 556250

Ion Ratio Lower Upper

278 100

139 6.2 4.2 6.2

279 23.8 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 45.070 ng

RT: 29.354 min Scan# 4487

Delta R.T. -0.047 min

Lab File: BG061102.D

Acq: 3 May 2024 11:43

Tgt Ion:276 Resp: 520974

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.4

138 7.5 6.2 9.2

