

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
 Data File : BG061131.D
 Acq On : 7 May 2024 14:12
 Operator : MA/JU
 Sample : PB160665BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

Quant Time: May 07 14:54:34 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	7.935	152	19320	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	84943	20.000	ng	-0.03
39) Acenaphthene-d10	14.569	164	73780	20.000	ng	-0.02
64) Phenanthrene-d10	17.318	188	198401	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	187273	20.000	ng	#-0.01
86) Perylene-d12	24.710	264	211227	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	148447	156.264	ng	-0.01
7) Phenol-d6	7.119	99	203162	144.567	ng	-0.01
23) Nitrobenzene-d5	9.093	82	141053	82.318	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	193924	131.498	ng	-0.01
45) 2-Fluorobiphenyl	13.194	172	418521	83.881	ng	-0.01
79) Terphenyl-d14	19.939	244	968576	86.018	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.441	88	11301	29.421	ng	93
3) Pyridine	3.822	79	32697	28.928	ng	91
4) n-Nitrosodimethylamine	3.740	42	38382	35.345	ng	# 97
6) Aniline	7.265	93	47198	33.878	ng	# 96
8) 2-Chlorophenol	7.506	128	56944	48.860	ng	98
9) Benzaldehyde	7.072	77	27278	34.998	ng	98
10) Phenol	7.142	94	71104	49.753	ng	88
11) bis(2-Chloroethyl)ether	7.359	93	42477	43.024	ng	95
12) 1,3-Dichlorobenzene	7.830	146	58696	42.721	ng	99
13) 1,4-Dichlorobenzene	7.971	146	60195	42.390	ng	97
14) 1,2-Dichlorobenzene	8.288	146	57744	42.148	ng	99
15) Benzyl Alcohol	8.176	79	59729	47.116	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	98189	45.833	ng	98
17) 2-Methylphenol	8.388	107	49770	48.868	ng	96
18) Hexachloroethane	9.016	117	22838	45.073	ng	89
19) n-Nitroso-di-n-propyla...	8.740	70	44381	42.200	ng	# 86
20) 3+4-Methylphenols	8.711	107	70410	47.919	ng	95
22) Acetophenone	8.758	105	91540	43.273	ng	# 97
24) Nitrobenzene	9.134	77	67083	40.019	ng	98
25) Isophorone	9.657	82	122708	38.740	ng	96
26) 2-Nitrophenol	9.851	139	34831	43.856	ng	91
27) 2,4-Dimethylphenol	9.915	122	45268	49.438	ng	95
28) bis(2-Chloroethoxy)met...	10.139	93	65117	41.889	ng	99
29) 2,4-Dichlorophenol	10.391	162	67257	46.880	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	71561	41.397	ng	97
31) Naphthalene	10.785	128	182842	41.417	ng	99
32) Benzoic acid	10.074	122	30324	28.648	ng	92
33) 4-Chloroaniline	10.891	127	54912	31.189	ng	96
34) Hexachlorobutadiene	11.067	225	59024	39.794	ng	96
35) Caprolactam	11.666	113	13883	26.871	ng	98
36) 4-Chloro-3-methylphenol	12.030	107	75141	43.435	ng	94
37) 2-Methylnaphthalene	12.395	142	135630	40.998	ng	98
38) 1-Methylnaphthalene	12.612	142	127660	38.331	ng	94
40) 1,2,4,5-Tetrachloroben...	12.765	216	110246	44.774	ng	98
41) Hexachlorocyclopentadiene	12.741	237	109781	116.468	ng	97
43) 2,4,6-Trichlorophenol	13.006	196	71276	45.089	ng	98

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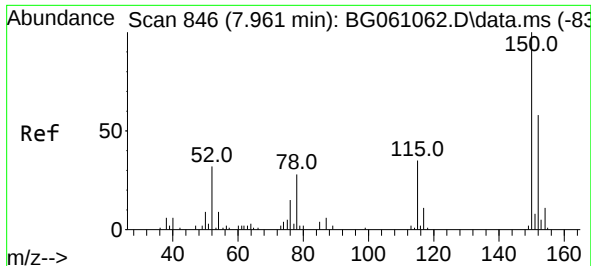
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	78408	43.826	ng	93
46) 1,1'-Biphenyl	13.405	154	202333	42.771	ng	99
47) 2-Chloronaphthalene	13.446	162	156455	41.302	ng	97
48) 2-Nitroaniline	13.646	65	63181	44.947	ng	98
49) Acenaphthylene	14.293	152	274874	47.245	ng	99
50) Dimethylphthalate	14.028	163	248820	43.663	ng	99
51) 2,6-Dinitrotoluene	14.146	165	53916	44.232	ng	92
52) Acenaphthene	14.633	154	148450	40.901	ng	93
53) 3-Nitroaniline	14.475	138	36344	32.586	ng #	99
54) 2,4-Dinitrophenol	14.692	184	69421	80.333	ng	96
55) Dibenzofuran	14.968	168	266515	43.474	ng	98
56) 4-Nitrophenol	14.804	139	74577	82.739	ng	97
57) 2,4-Dinitrotoluene	14.939	165	77943	43.220	ng	91
58) Fluorene	15.620	166	230143	43.384	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.203	232	79623	43.233	ng	98
60) Diethylphthalate	15.391	149	245181	42.665	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	137322	43.111	ng	97
62) 4-Nitroaniline	15.644	138	51210	42.335	ng	89
63) Azobenzene	15.908	77	198181	44.301	ng	97
65) 4,6-Dinitro-2-methylph...	15.709	198	52732	42.837	ng	96
66) n-Nitrosodiphenylamine	15.826	169	212468	43.185	ng	96
67) 4-Bromophenyl-phenylether	16.508	248	102622	43.908	ng	95
68) Hexachlorobenzene	16.631	284	122516	42.116	ng	96
69) Atrazine	16.778	200	98188	48.392	ng	95
70) Pentachlorophenol	16.972	266	124584	69.711	ng	96
71) Phenanthrene	17.360	178	399262	44.012	ng	99
72) Anthracene	17.454	178	409330	45.220	ng	99
73) Carbazole	17.724	167	348075	43.734	ng	100
74) Di-n-butylphthalate	18.282	149	405030	42.797	ng	100
75) Fluoranthene	19.375	202	516750	41.579	ng	99
77) Benzidine	19.551	184	129260	36.955	ng	97
78) Pyrene	19.733	202	527004	44.263	ng	98
80) Butylbenzylphthalate	20.626	149	166170	44.091	ng	97
81) Benzo(a)anthracene	21.560	228	542007	44.229	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	133484	30.267	ng	97
83) Chrysene	21.625	228	508095	44.254	ng	99
84) Bis(2-ethylhexyl)phtha...	21.478	149	226532	46.030	ng	99
85) Di-n-octyl phthalate	22.659	149	377480	43.475	ng	99
87) Indeno(1,2,3-cd)pyrene	28.270	276	653448	46.680	ng #	97
88) Benzo(b)fluoranthene	23.717	252	521776	44.205	ng	98
89) Benzo(k)fluoranthene	23.787	252	507157	44.662	ng	100
90) Benzo(a)pyrene	24.563	252	478278	46.510	ng	98
91) Dibenzo(a,h)anthracene	28.329	278	532428	45.928	ng #	99
92) Benzo(g,h,i)perylene	29.375	276	500322	43.430	ng	96

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

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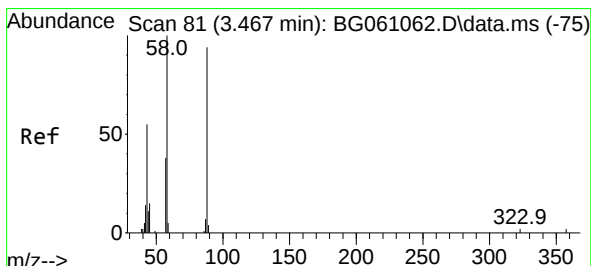
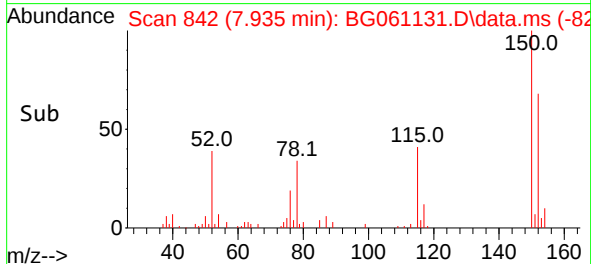
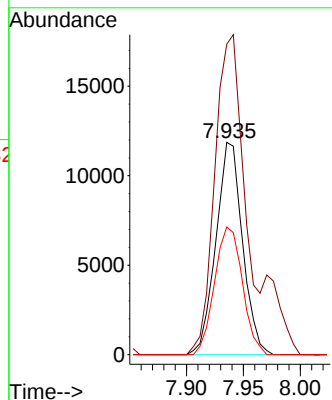
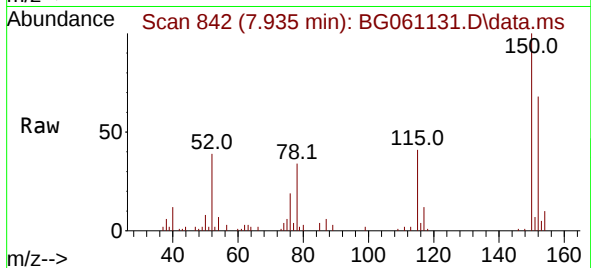




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 84
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

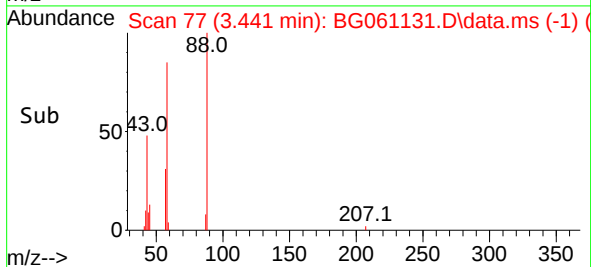
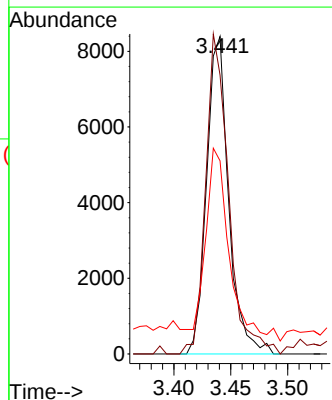
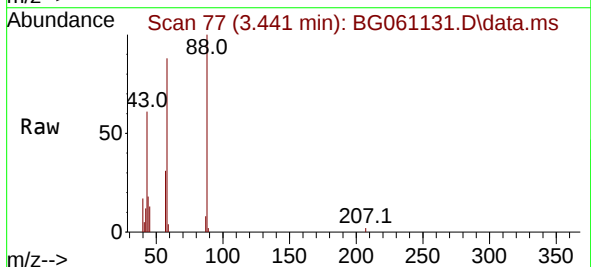
Instrument :
BNA_G
ClientSampleId :
PB160665BS

Tgt Ion:152 Resp: 19320
Ion Ratio Lower Upper
152 100
150 146.3 138.3 207.5
115 60.2 48.0 72.0



#2
1,4-Dioxane
Concen: 29.421 ng
RT: 3.441 min Scan# 77
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion: 88 Resp: 11301
Ion Ratio Lower Upper
88 100
58 104.9 81.2 121.8
43 65.8 45.0 67.4

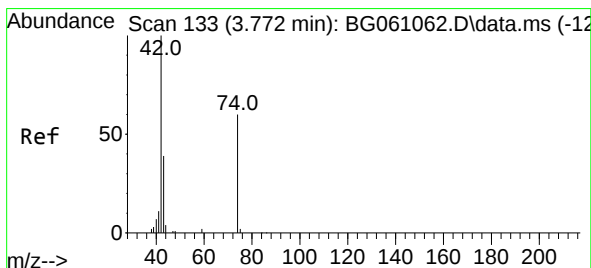
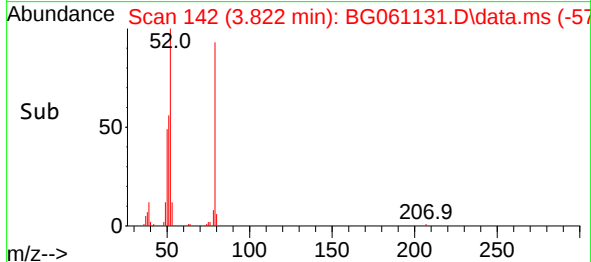
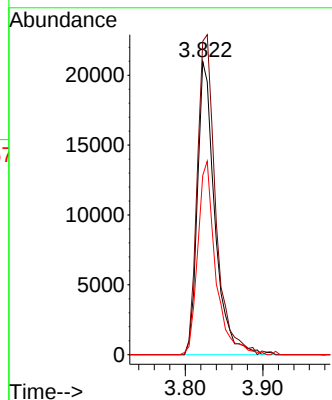
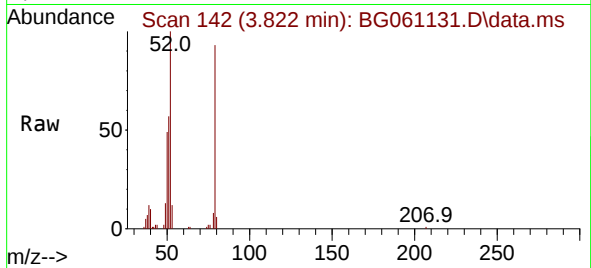




#3
Pyridine
Concen: 28.928 ng
RT: 3.822 min Scan# 14
Delta R.T. -0.032 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

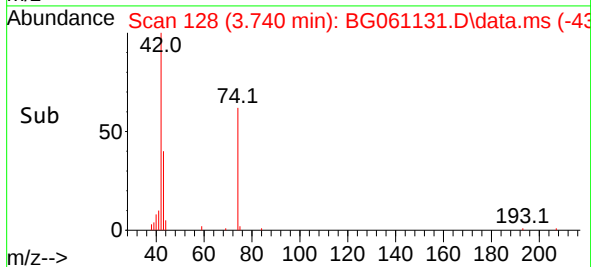
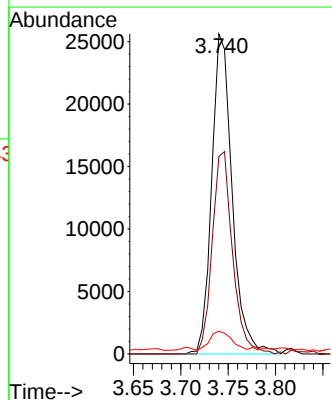
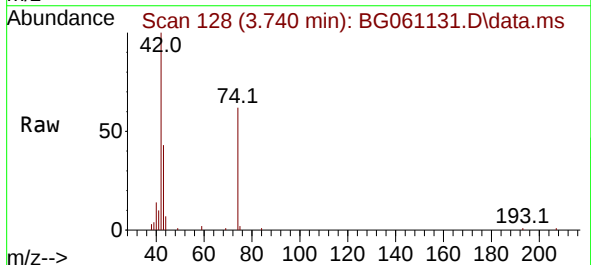
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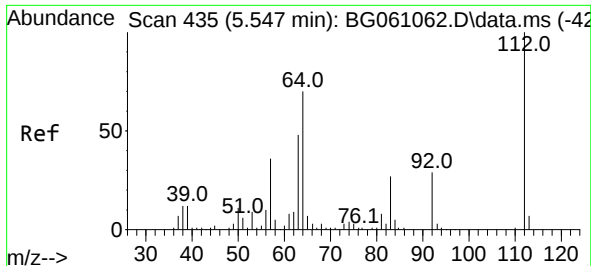
Tgt Ion: 79 Resp: 32697
Ion Ratio Lower Upper
79 100
52 107.0 91.6 137.4
51 61.2 57.0 85.4



#4
n-Nitrosodimethylamine
Concen: 35.345 ng
RT: 3.740 min Scan# 128
Delta R.T. -0.032 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion: 42 Resp: 38382
Ion Ratio Lower Upper
42 100
74 61.7 47.8 71.8
44 7.1 4.7 7.1#

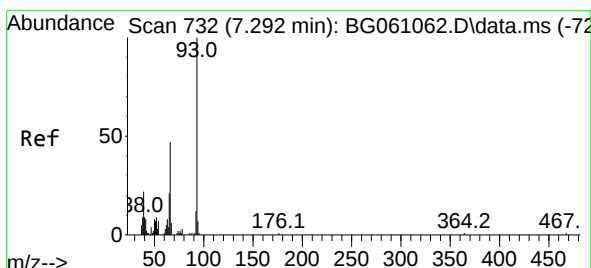
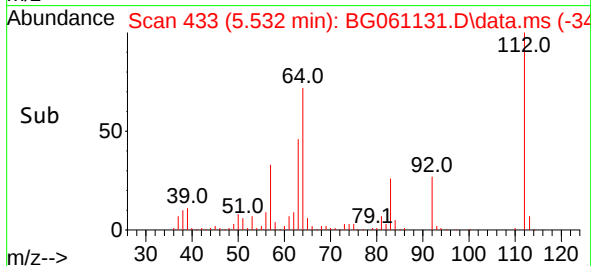
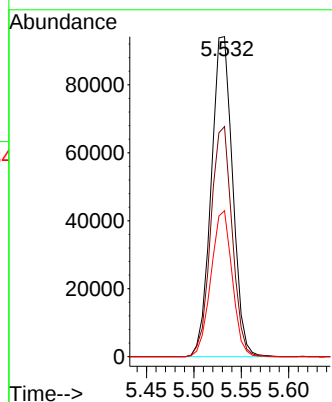
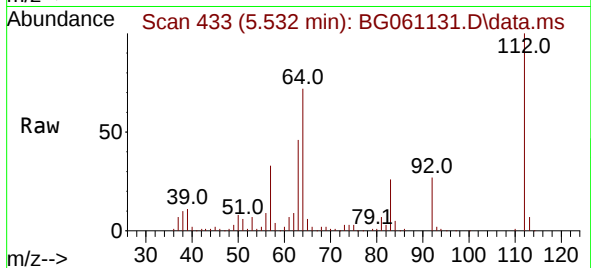




#5
2-Fluorophenol
Concen: 156.264 ng
RT: 5.532 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

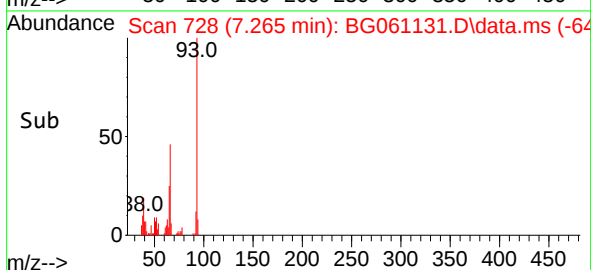
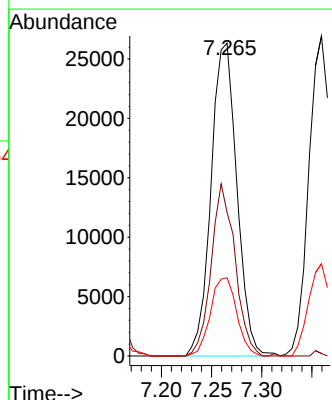
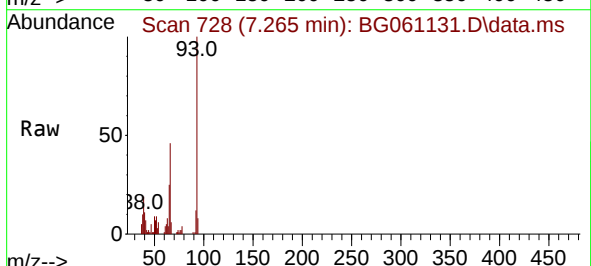
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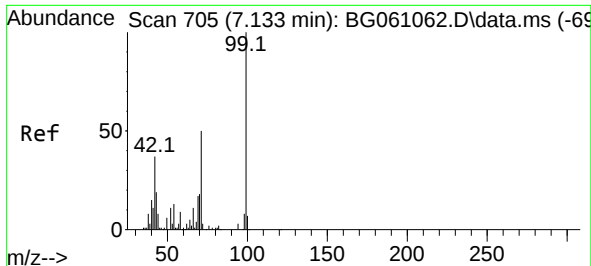
Tgt Ion:112 Resp: 148447
Ion Ratio Lower Upper
112 100
64 71.9 55.7 83.5
63 45.6 38.1 57.1



#6
Aniline
Concen: 33.878 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion: 93 Resp: 47198
Ion Ratio Lower Upper
93 100
66 45.8 37.4 56.0
65 25.0 16.6 24.8#

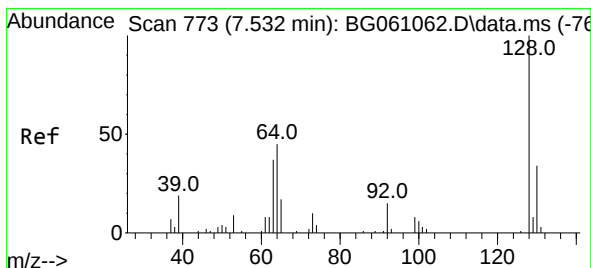
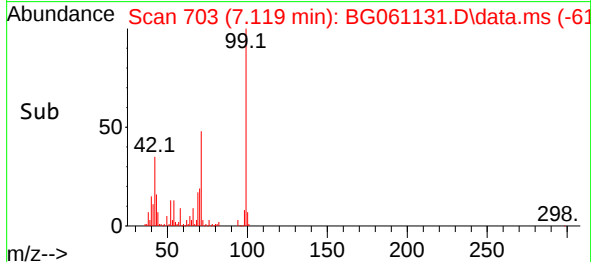
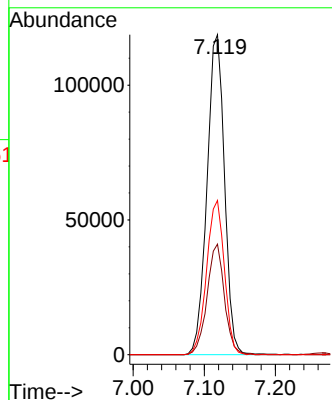
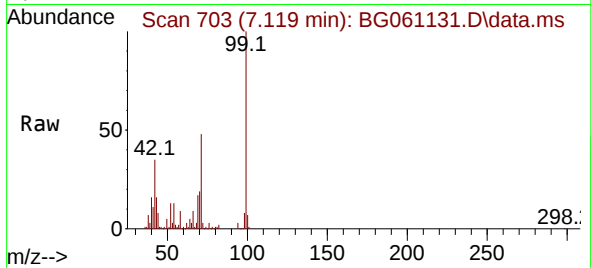




#7
Phenol-d6
Concen: 144.567 ng
RT: 7.119 min Scan# 705
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

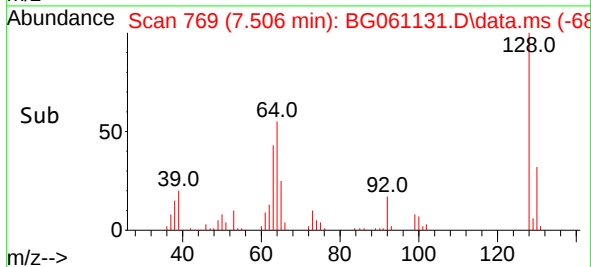
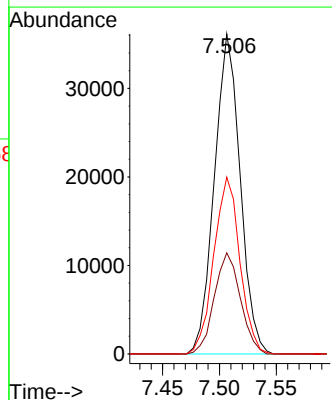
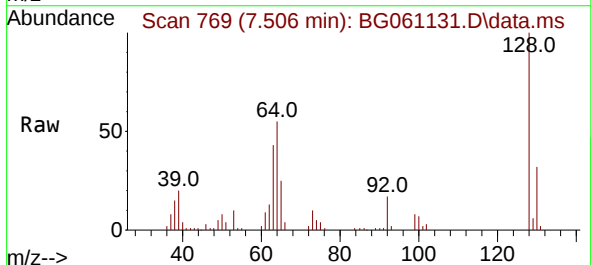
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 203162
Ion Ratio Lower Upper
99 100
42 34.5 29.2 43.8
71 48.2 39.7 59.5



#8
2-Chlorophenol
Concen: 48.860 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:128 Resp: 56944
Ion Ratio Lower Upper
128 100
130 31.6 14.1 54.1
64 55.2 34.8 74.8

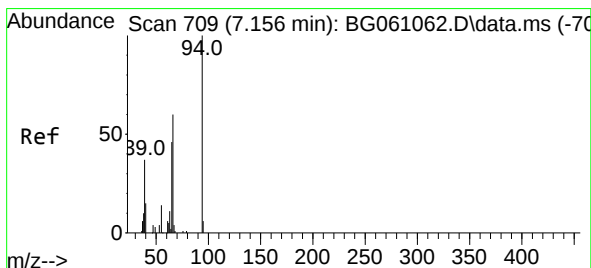
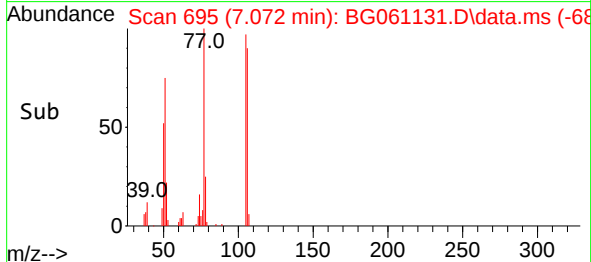
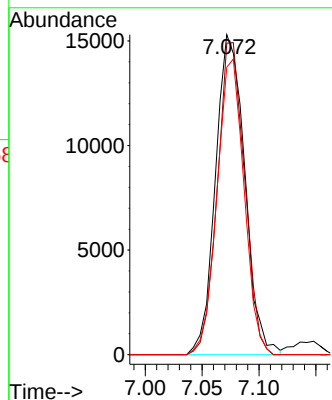
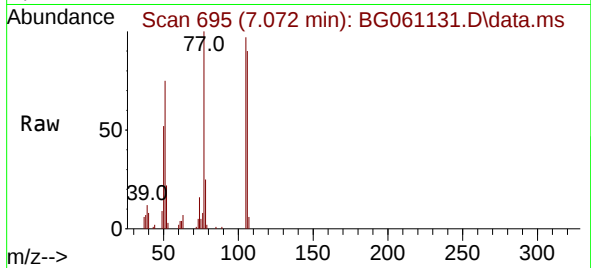




#9
Benzaldehyde
Concen: 34.998 ng
RT: 7.072 min Scan# 695
Delta R.T. -0.032 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

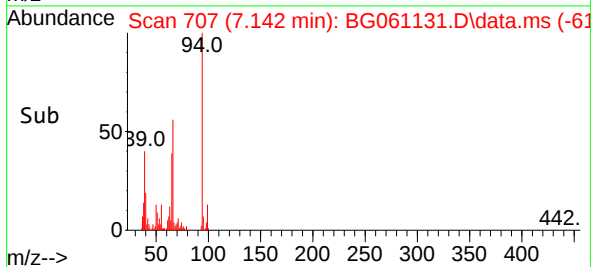
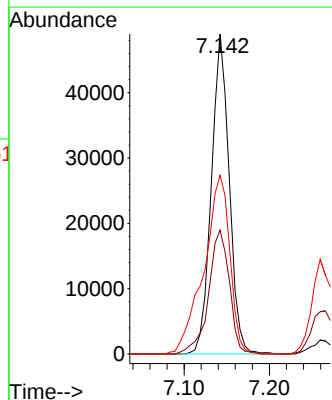
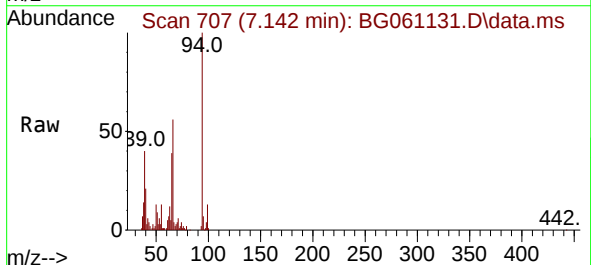
Instrument :
BNA_G
ClientSampleId :
PB160665BS

Tgt Ion: 77 Resp: 27278
Ion Ratio Lower Upper
77 100
105 97.3 76.0 116.0
106 89.8 72.3 112.3



#10
Phenol
Concen: 49.753 ng
RT: 7.142 min Scan# 707
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion: 94 Resp: 71104
Ion Ratio Lower Upper
94 100
65 38.7 26.8 66.8
66 55.8 44.7 84.7

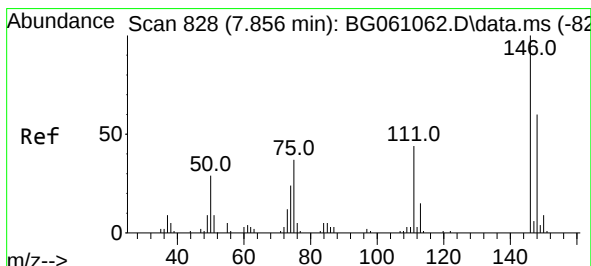
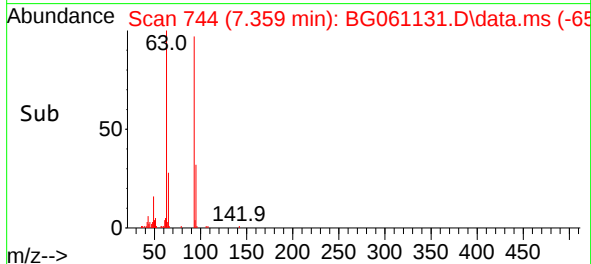
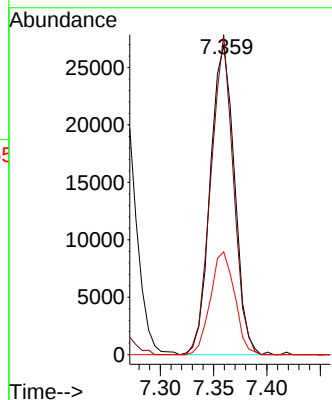
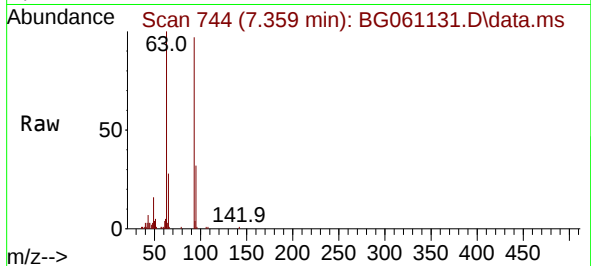




#11
bis(2-Chloroethyl)ether
Concen: 43.024 ng
RT: 7.359 min Scan# 744
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

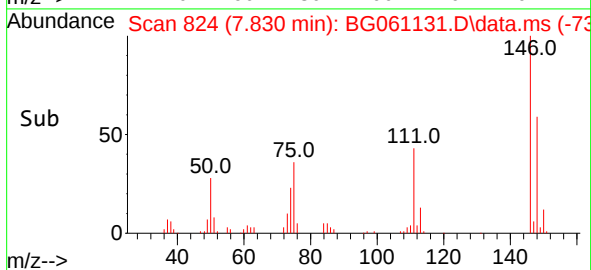
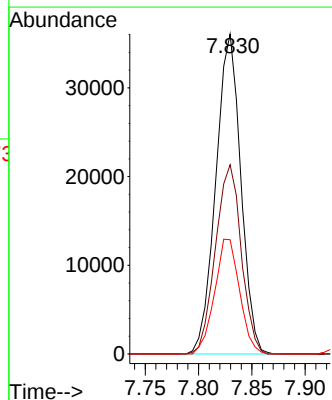
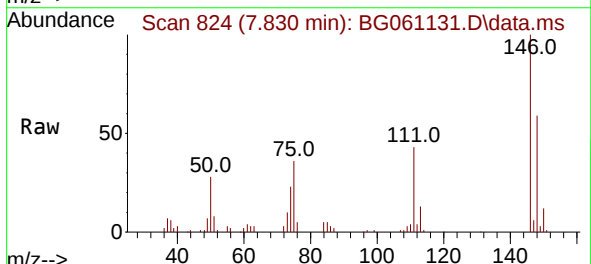
Instrument :
BNA_G
ClientSampleId :
PB160665BS

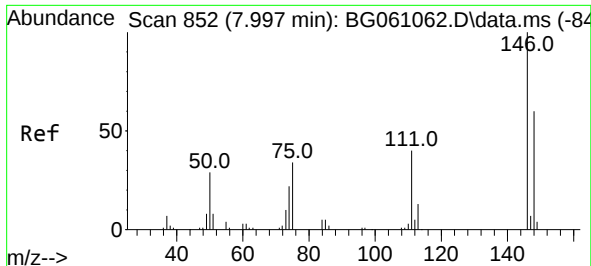
Tgt Ion: 93 Resp: 42477
Ion Ratio Lower Upper
93 100
63 103.4 76.8 116.8
95 33.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.721 ng
RT: 7.830 min Scan# 824
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:146 Resp: 58696
Ion Ratio Lower Upper
146 100
148 59.1 48.0 72.0
75 35.7 29.5 44.3

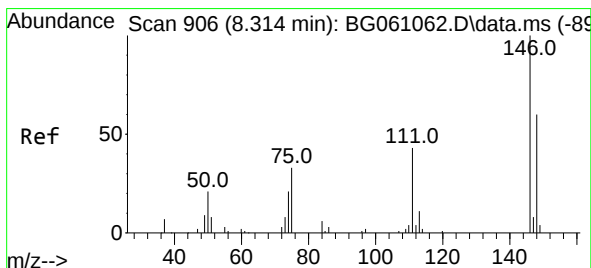
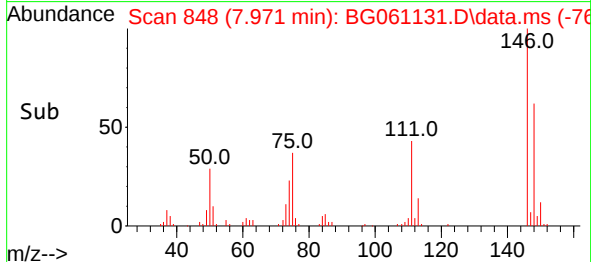
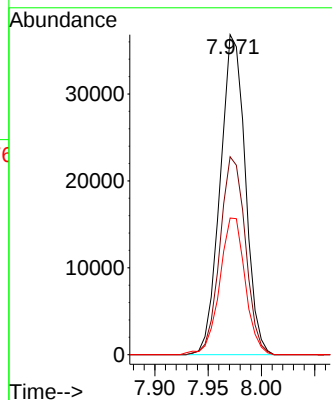
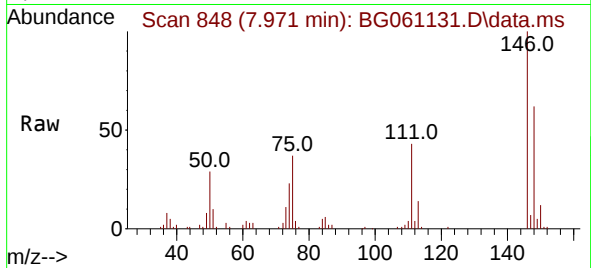




#13
1,4-Dichlorobenzene
Concen: 42.390 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

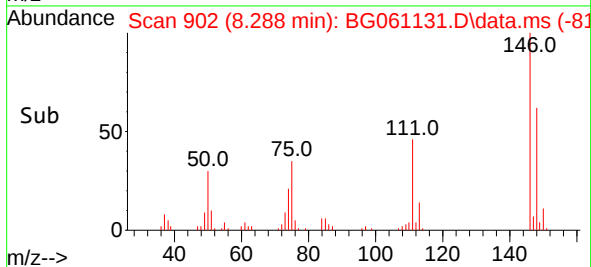
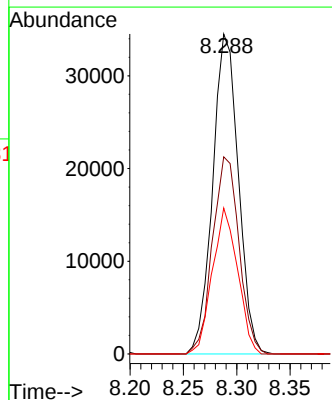
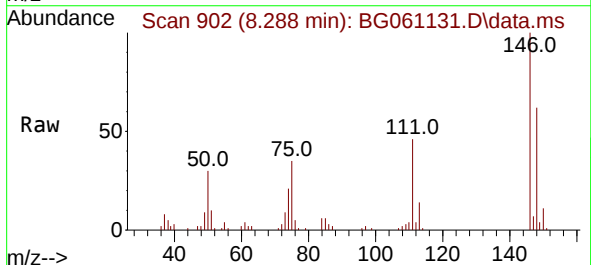
Instrument :
BNA_G
ClientSampleId :
PB160665BS

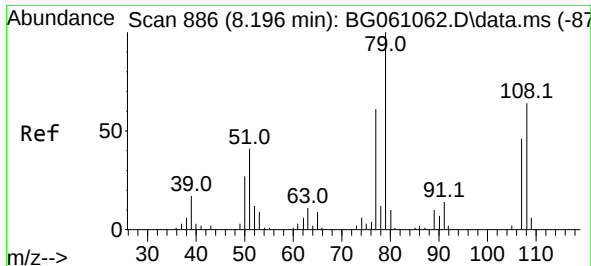
Tgt Ion:146 Resp: 60195
Ion Ratio Lower Upper
146 100
148 61.8 48.1 72.1
111 42.7 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.148 ng
RT: 8.288 min Scan# 902
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:146 Resp: 57744
Ion Ratio Lower Upper
146 100
148 61.6 48.2 72.2
111 45.6 36.2 54.2





#15
Benzyl Alcohol
Concen: 47.116 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

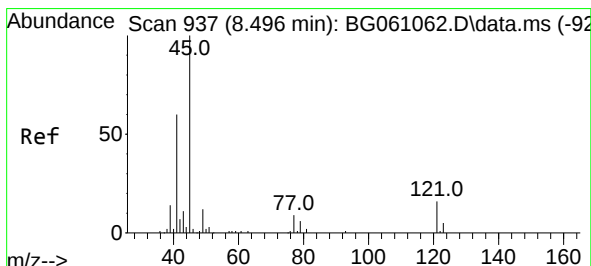
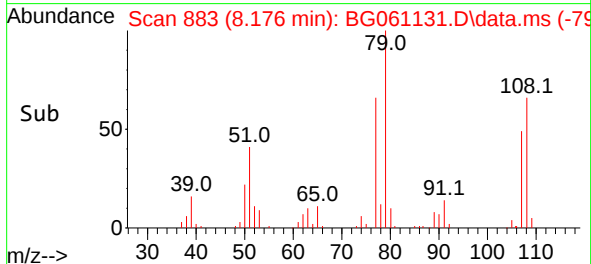
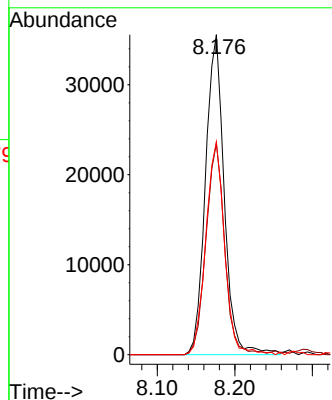
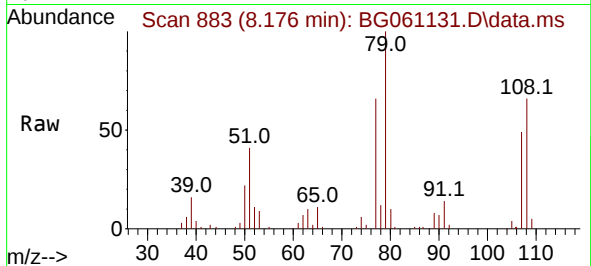
Instrument :

BNA_G

ClientSampleId :

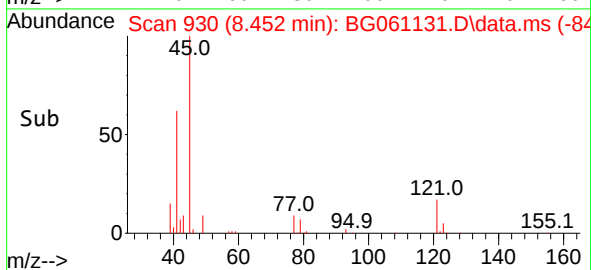
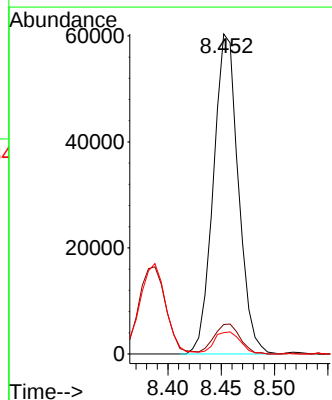
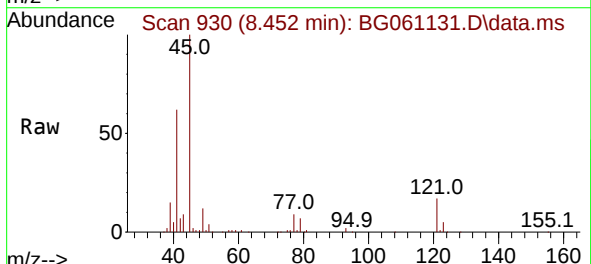
PB160665BS

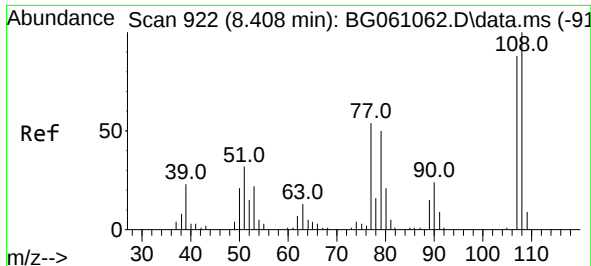
Tgt Ion: 79 Resp: 59729
Ion Ratio Lower Upper
79 100
108 66.0 51.1 76.7
77 66.5 49.0 73.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.833 ng
RT: 8.452 min Scan# 930
Delta R.T. -0.044 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

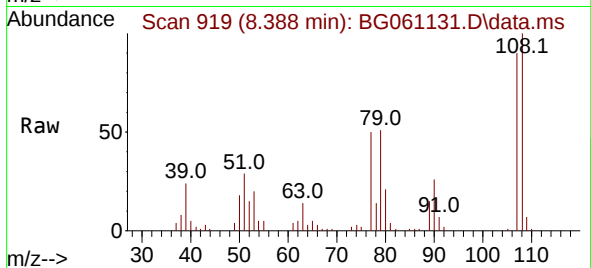
Tgt Ion: 45 Resp: 98189
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.2
79 6.7 0.0 26.5



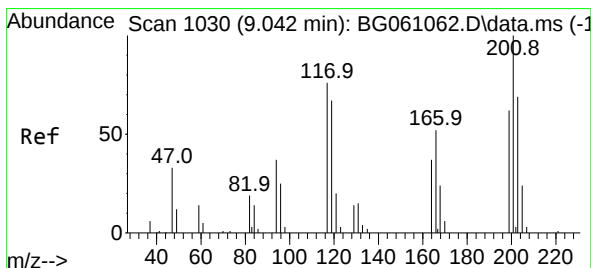
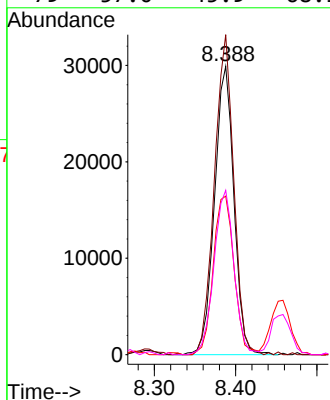
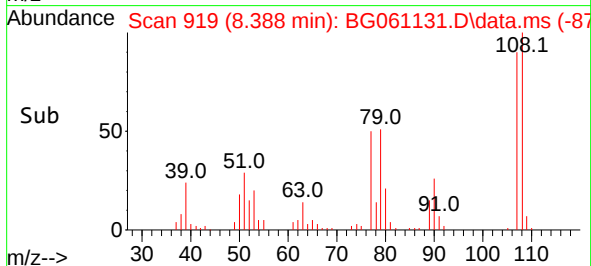


#17
2-Methylphenol
Concen: 48.868 ng
RT: 8.388 min Scan# 91
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

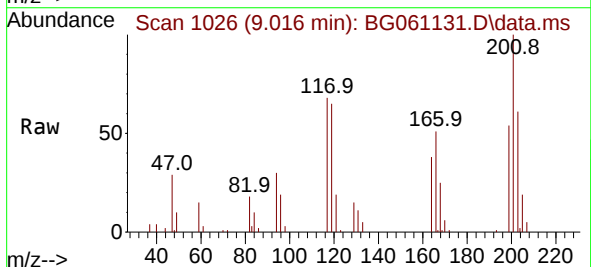
Instrument :
BNA_G
ClientSampleId :
PB160665BS



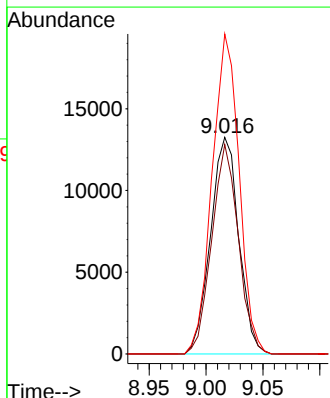
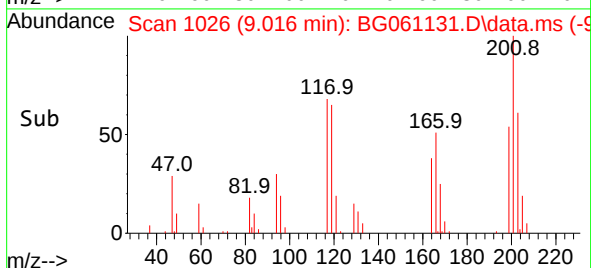
Tgt Ion:	107	Resp:	49770
Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.4	137.2
77	55.0	49.4	74.2
79	57.0	45.9	68.9

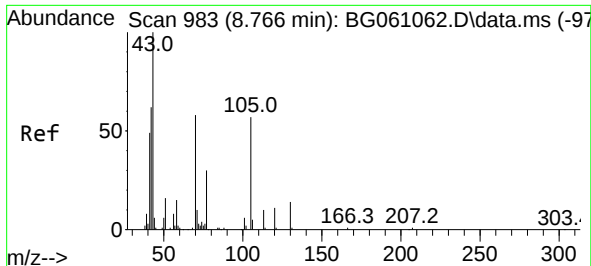


#18
Hexachloroethane
Concen: 45.073 ng
RT: 9.016 min Scan# 1026
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12



Tgt Ion:	117	Resp:	22838
Ion	Ratio	Lower	Upper
117	100		
119	96.7	71.4	107.0
201	147.7	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.200 ng

RT: 8.740 min Scan# 91

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

Tgt Ion: 70 Resp: 44381

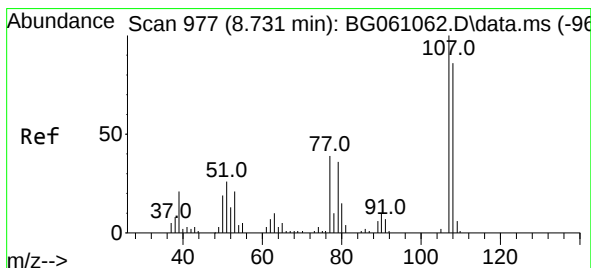
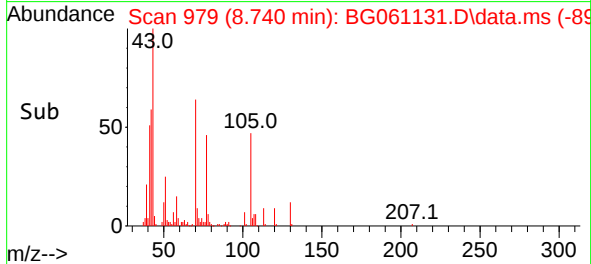
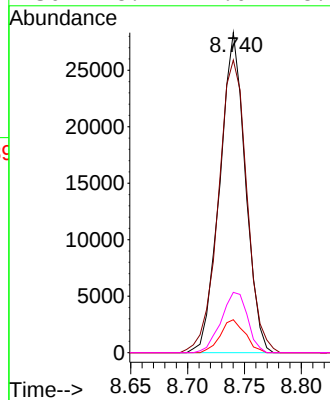
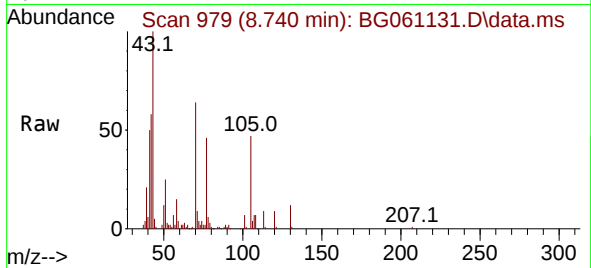
Ion Ratio Lower Upper

70 100

42 91.5 86.4 129.6

101 10.3 7.8 11.8

130 18.9 19.0 28.4#



#20

3+4-Methylphenols

Concen: 47.919 ng

RT: 8.711 min Scan# 974

Delta R.T. -0.020 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Tgt Ion: 107 Resp: 70410

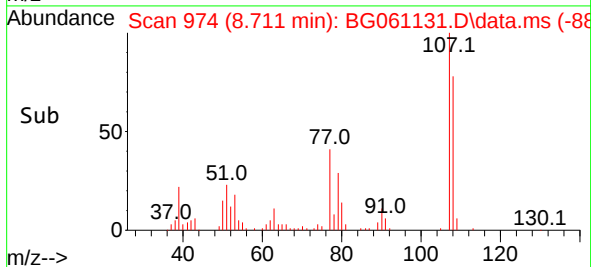
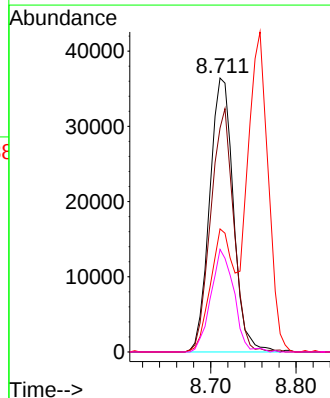
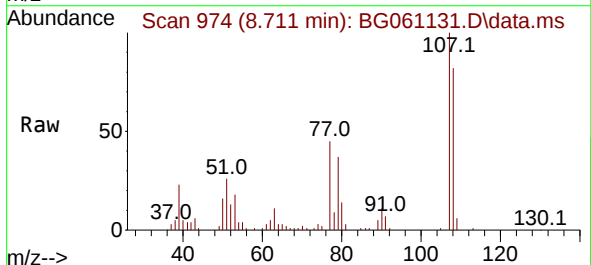
Ion Ratio Lower Upper

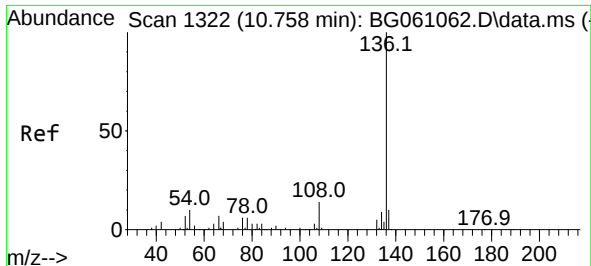
107 100

108 81.7 65.7 105.7

77 44.9 19.4 59.4

79 37.4 15.7 55.7

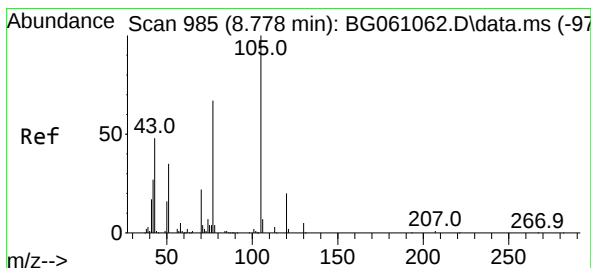
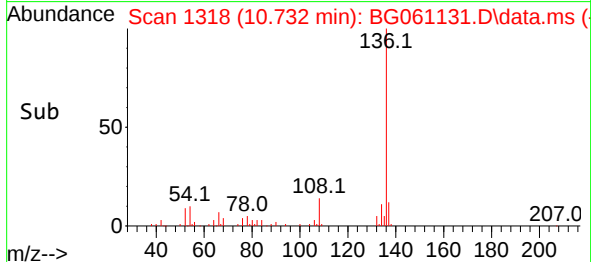
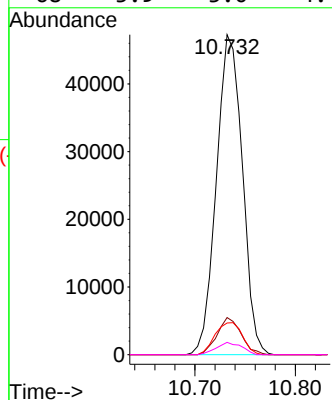
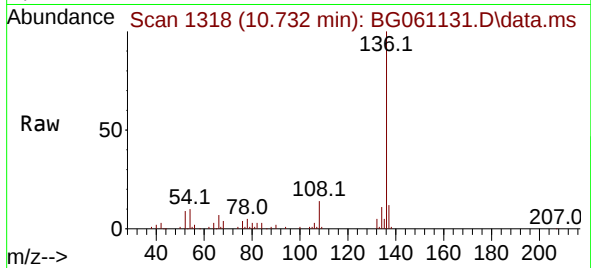




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

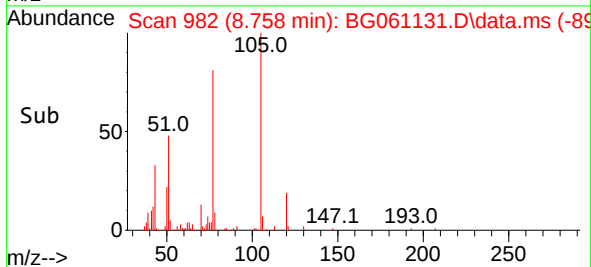
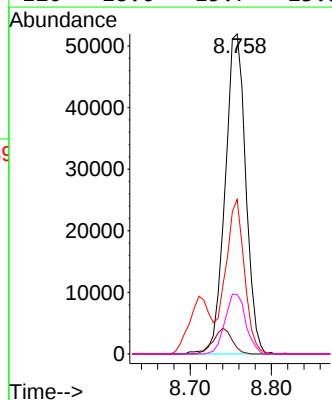
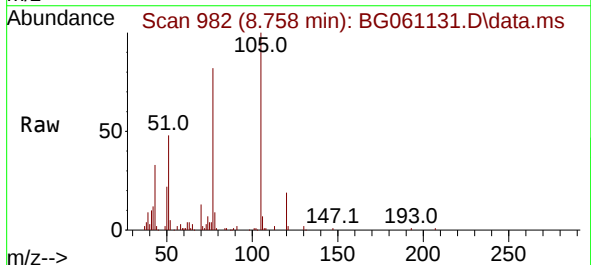
Instrument :
BNA_G
ClientSampleId :
PB160665BS

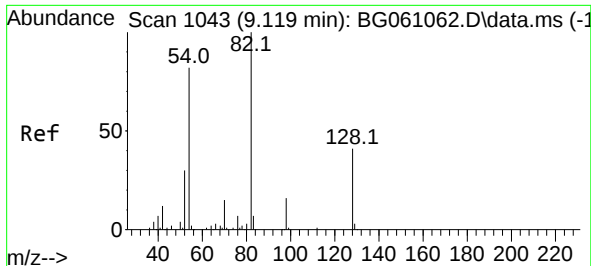
Tgt Ion:136 Resp: 84943
Ion Ratio Lower Upper
136 100
137 11.6 7.8 11.6
54 9.9 8.1 12.1
68 3.9 3.0 4.4



#22
Acetophenone
Concen: 43.273 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:105 Resp: 91540
Ion Ratio Lower Upper
105 100
71 1.9 3.3 4.9#
51 48.3 36.7 55.1
120 18.6 15.7 23.5





#23

Nitrobenzene-d5

Concen: 82.318 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

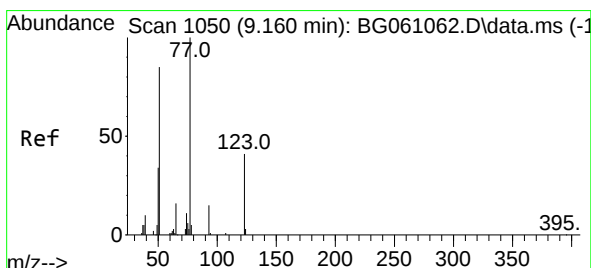
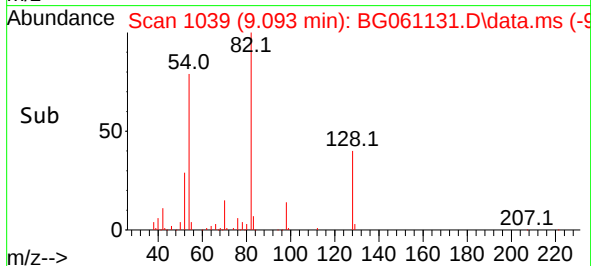
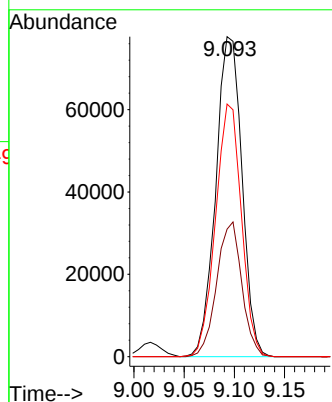
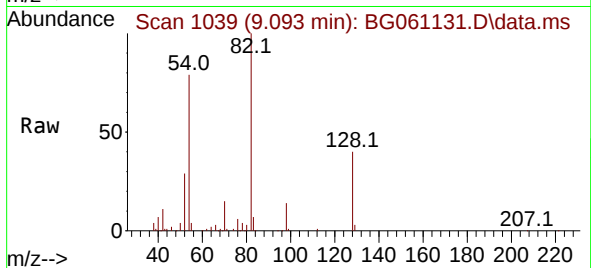
Tgt Ion: 82 Resp: 141053

Ion Ratio Lower Upper

82 100

128 39.9 32.7 49.1

54 79.0 65.6 98.4



#24

Nitrobenzene

Concen: 40.019 ng

RT: 9.134 min Scan# 1046

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

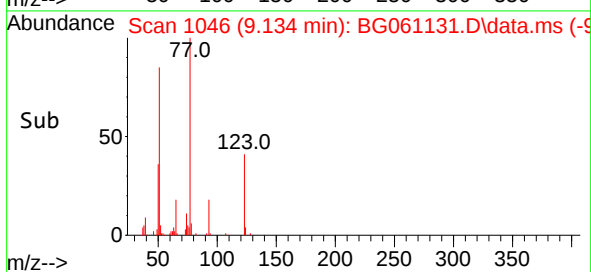
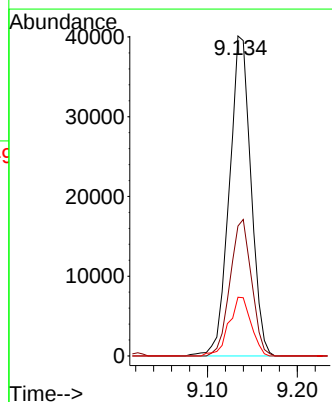
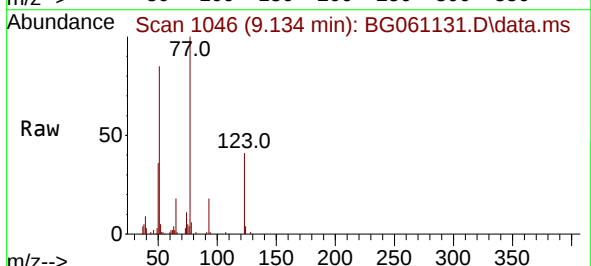
Tgt Ion: 77 Resp: 67083

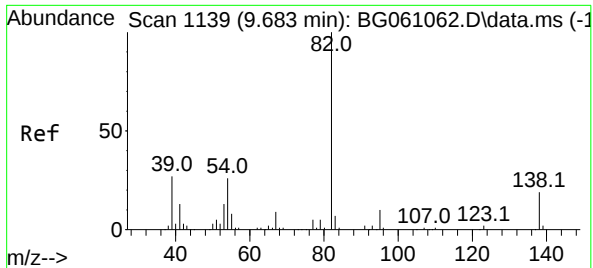
Ion Ratio Lower Upper

77 100

123 40.6 33.1 49.7

65 18.4 13.1 19.7

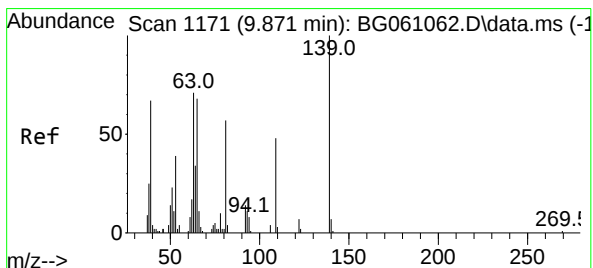
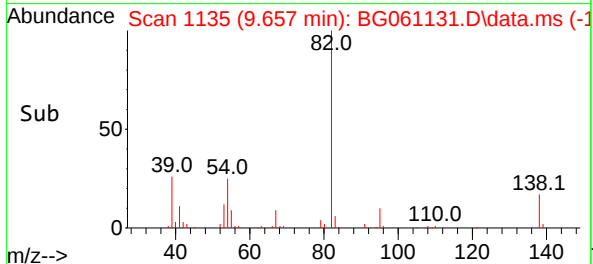
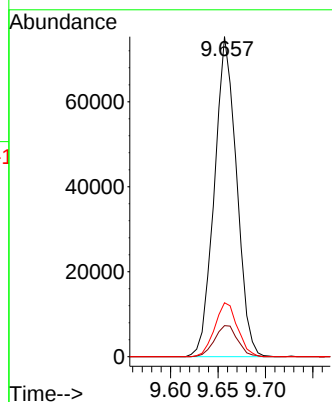
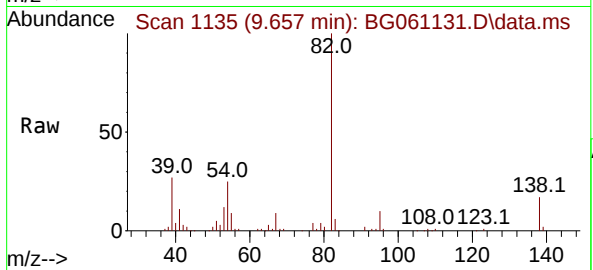




#25
Isophorone
Concen: 38.740 ng
RT: 9.657 min Scan# 111
Delta R.T. -0.026 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

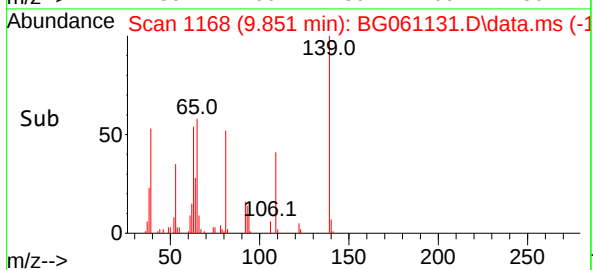
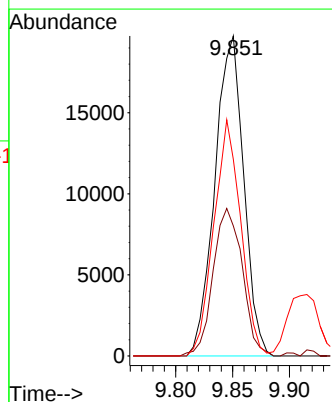
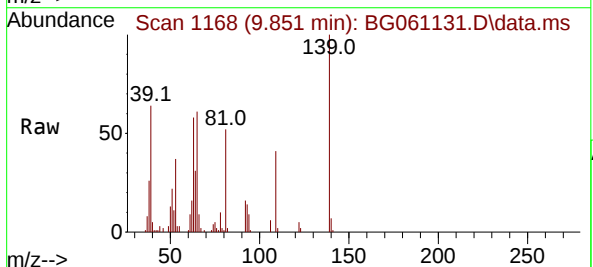
Instrument :
BNA_G
ClientSampleId :
PB160665BS

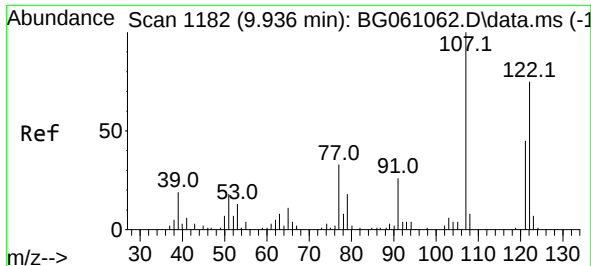
Tgt Ion: 82 Resp: 122708
Ion Ratio Lower Upper
82 100
95 9.7 8.3 12.5
138 16.9 15.2 22.8



#26
2-Nitrophenol
Concen: 43.856 ng
RT: 9.851 min Scan# 1168
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion: 139 Resp: 34831
Ion Ratio Lower Upper
139 100
109 40.7 38.5 57.7
65 61.4 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 49.438 ng

RT: 9.915 min Scan# 1182

Delta R.T. -0.020 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

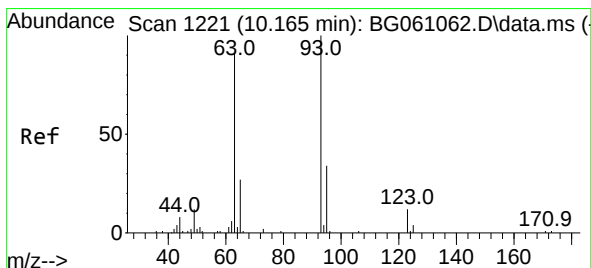
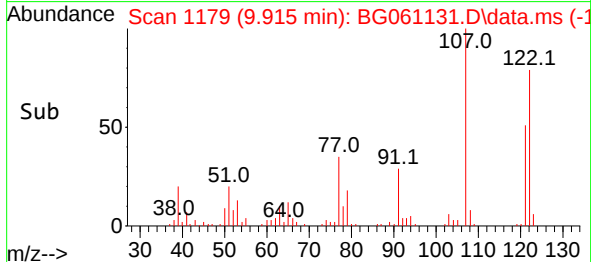
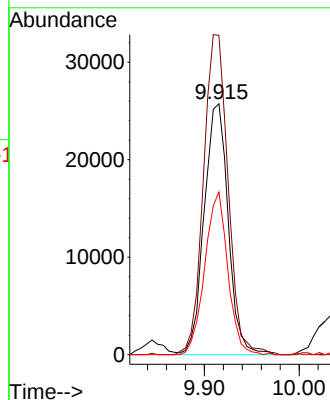
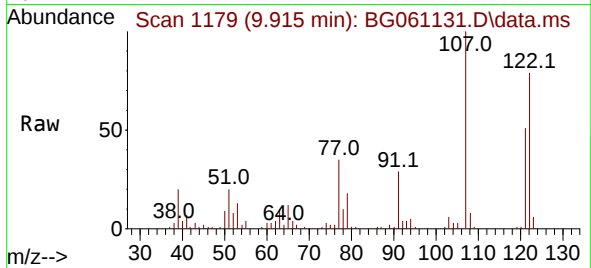
Tgt Ion:122 Resp: 45268

Ion Ratio Lower Upper

122 100

107 127.3 106.9 160.3

121 64.9 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 41.889 ng

RT: 10.139 min Scan# 1217

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

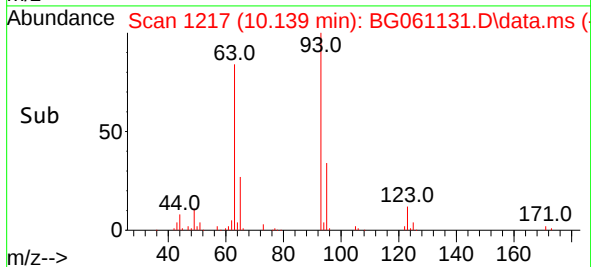
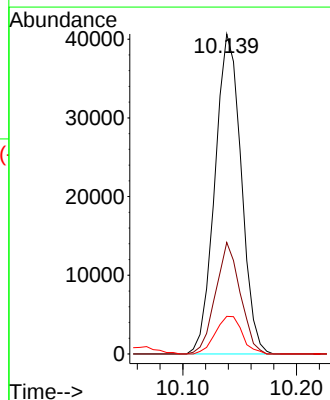
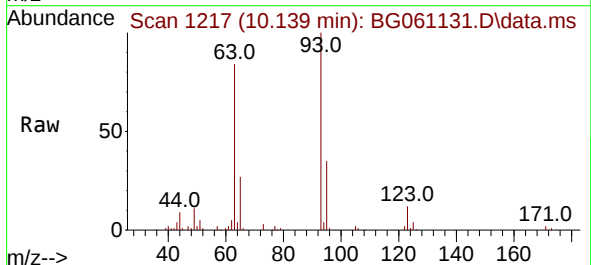
Tgt Ion: 93 Resp: 65117

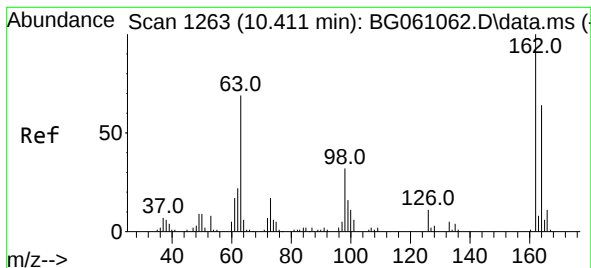
Ion Ratio Lower Upper

93 100

95 34.9 27.4 41.0

123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 46.880 ng

RT: 10.391 min Scan# 1260

Delta R.T. -0.020 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

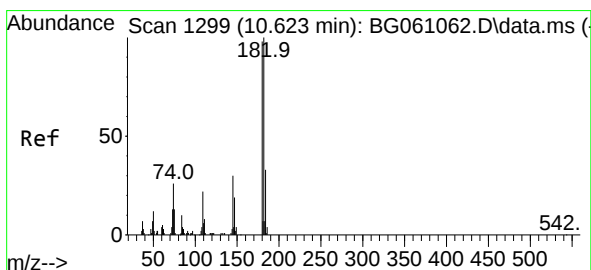
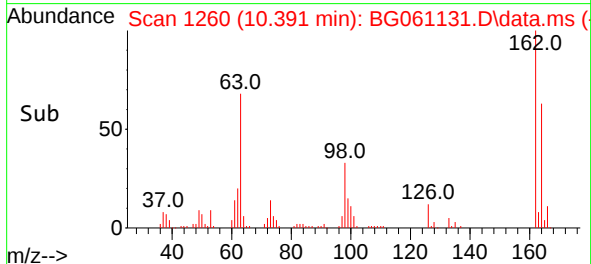
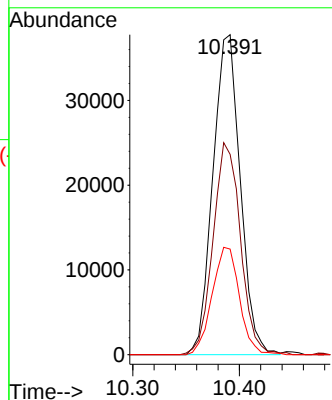
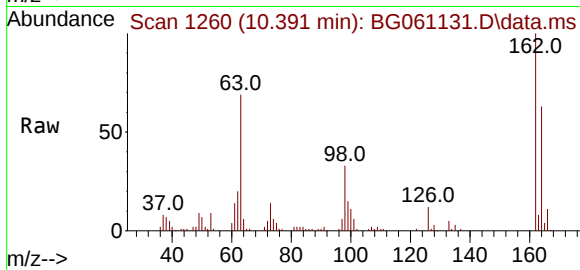
Tgt Ion:162 Resp: 67257

Ion Ratio Lower Upper

162 100

164 62.6 43.6 83.6

98 33.0 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 41.397 ng

RT: 10.597 min Scan# 1295

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

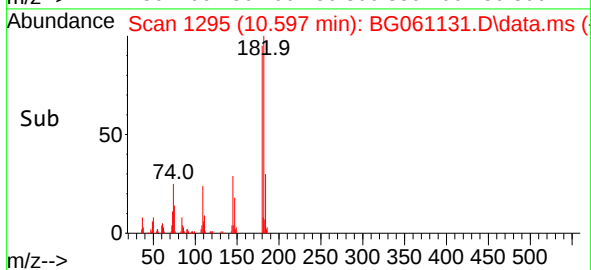
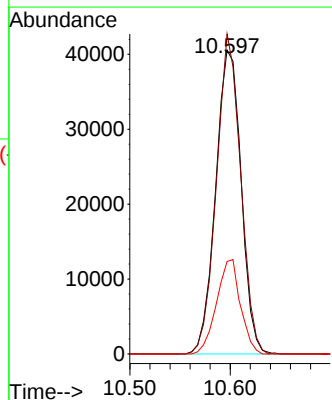
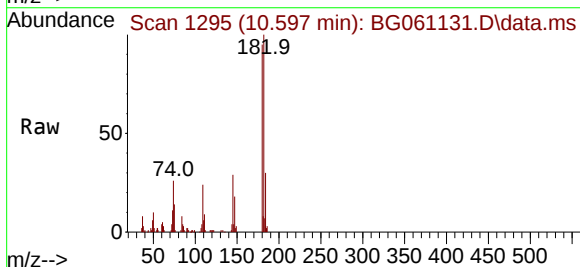
Tgt Ion:180 Resp: 71561

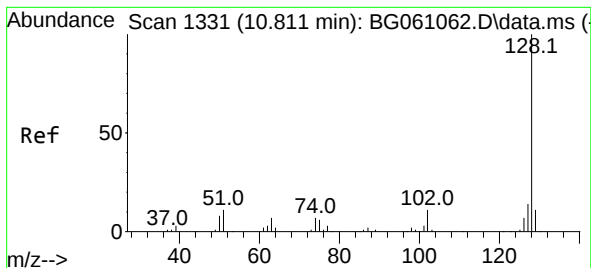
Ion Ratio Lower Upper

180 100

182 105.3 81.7 122.5

145 30.4 24.5 36.7





#31

Naphthalene

Concen: 41.417 ng

RT: 10.785 min Scan# 11

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

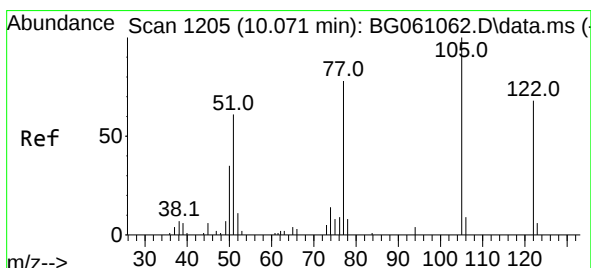
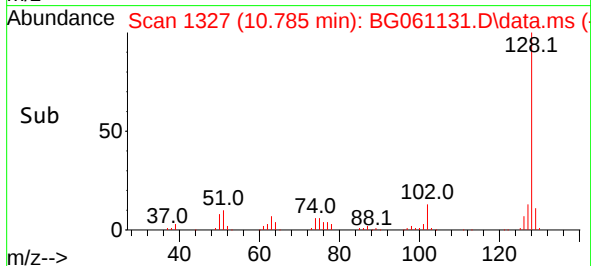
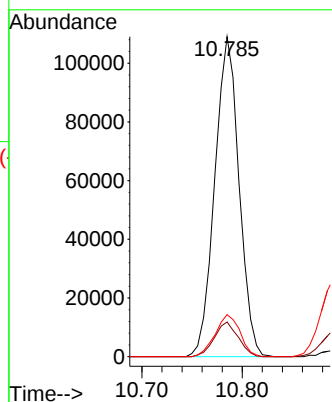
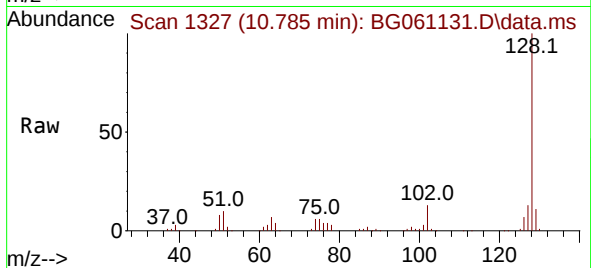
Tgt Ion:128 Resp: 182842

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.2 11.1 16.7



#32

Benzoic acid

Concen: 28.648 ng

RT: 10.074 min Scan# 1206

Delta R.T. 0.003 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

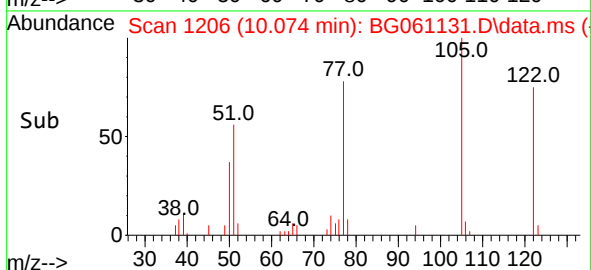
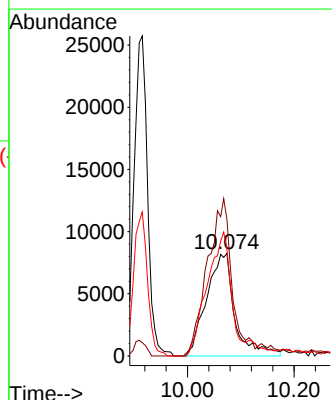
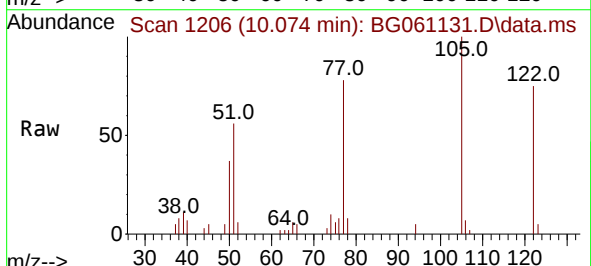
Tgt Ion:122 Resp: 30324

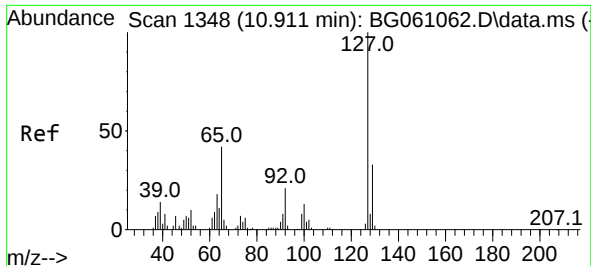
Ion Ratio Lower Upper

122 100

105 133.4 123.3 163.3

77 104.4 93.2 133.2





#33
4-Chloroaniline
Concen: 31.189 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

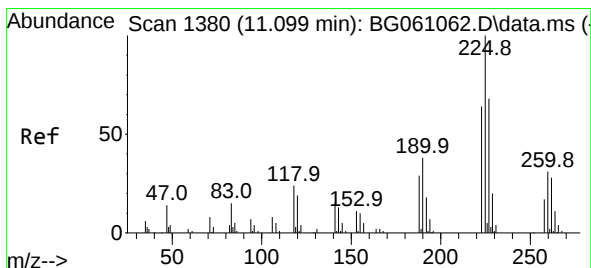
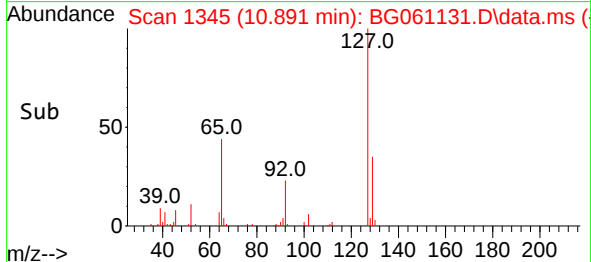
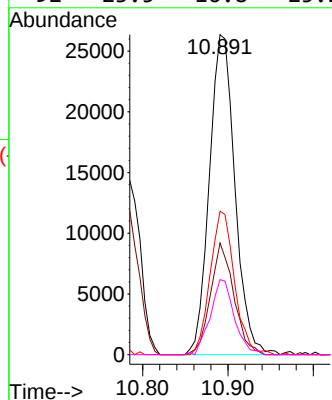
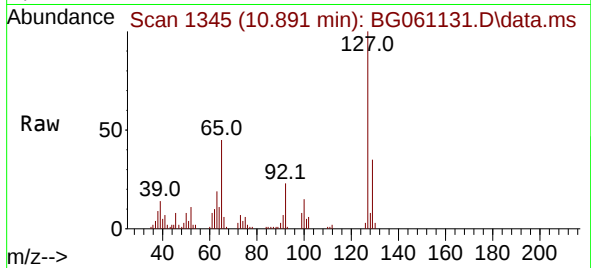
Instrument :

BNA_G

ClientSampleId :

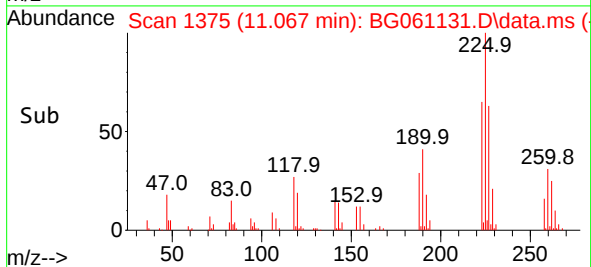
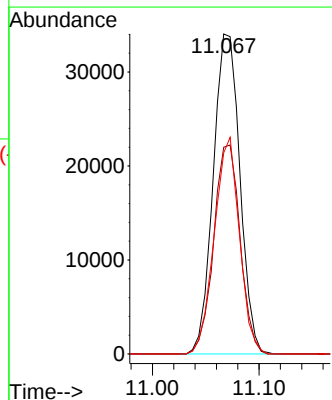
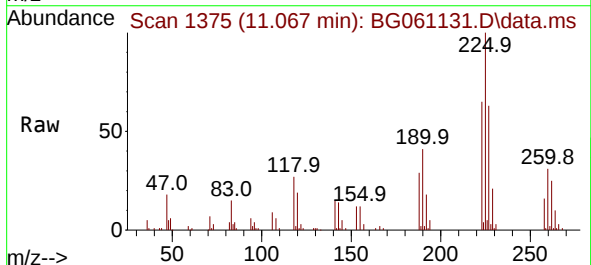
PB160665BS

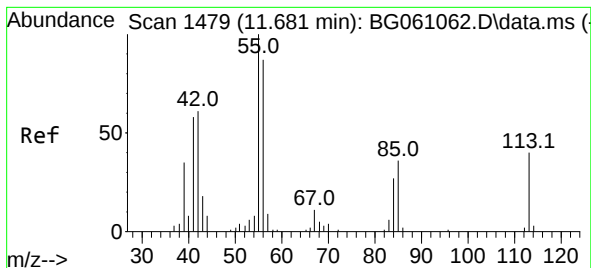
Tgt Ion:127	Resp:	54912
Ion Ratio	Lower	Upper
127	100	
129	34.9	26.6 39.8
65	44.9	33.6 50.4
92	23.5	16.8 25.2



#34
Hexachlorobutadiene
Concen: 39.794 ng
RT: 11.067 min Scan# 1375
Delta R.T. -0.032 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:225	Resp:	59024
Ion Ratio	Lower	Upper
225	100	
223	64.6	51.0 76.4
227	62.9	54.6 82.0





#35

Caprolactam

Concen: 26.871 ng

RT: 11.666 min Scan# 1479

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

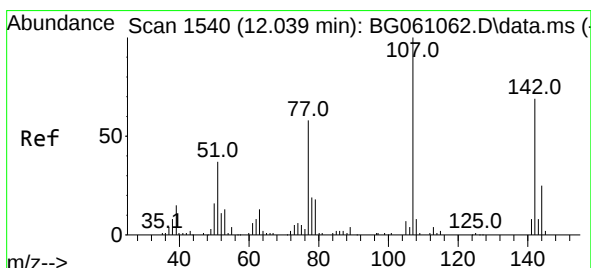
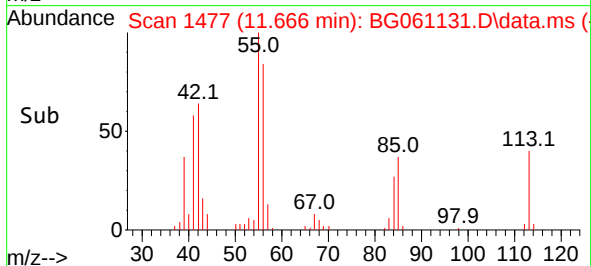
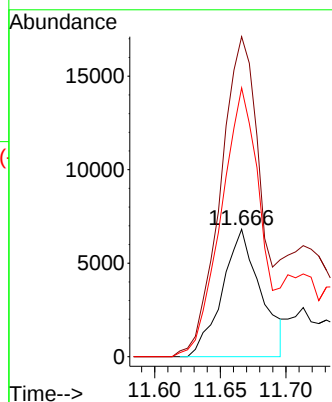
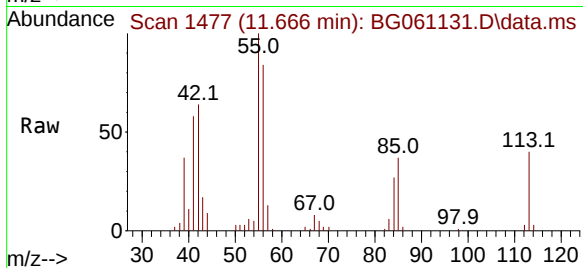
Tgt Ion:113 Resp: 13883

Ion Ratio Lower Upper

113 100

55 251.4 227.6 267.6

56 211.1 195.1 235.1



#36

4-Chloro-3-methylphenol

Concen: 43.435 ng

RT: 12.030 min Scan# 1539

Delta R.T. -0.008 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

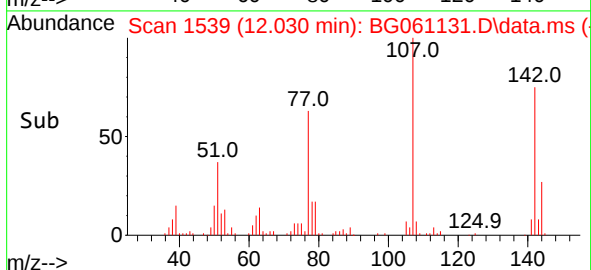
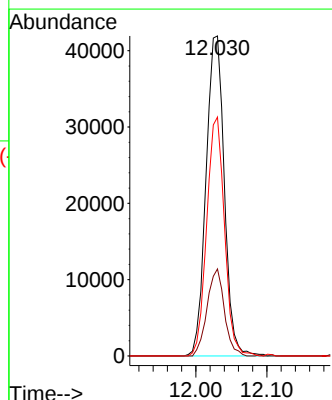
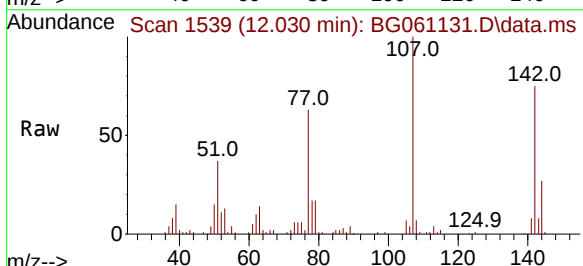
Tgt Ion:107 Resp: 75141

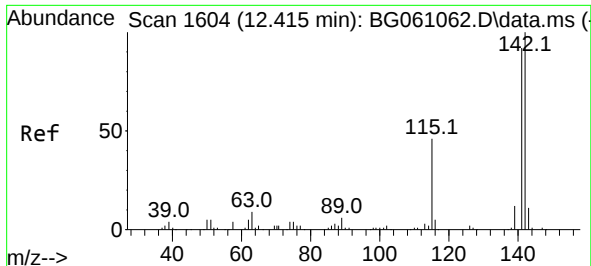
Ion Ratio Lower Upper

107 100

144 27.2 20.2 30.4

142 74.6 55.6 83.4

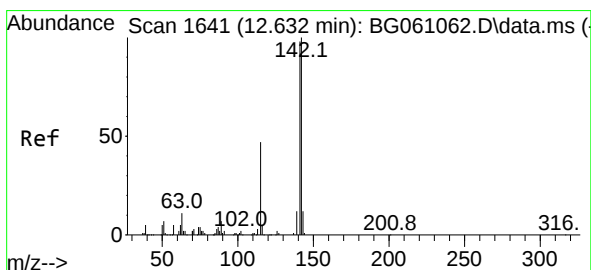
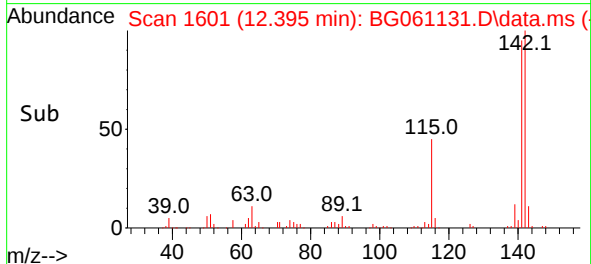
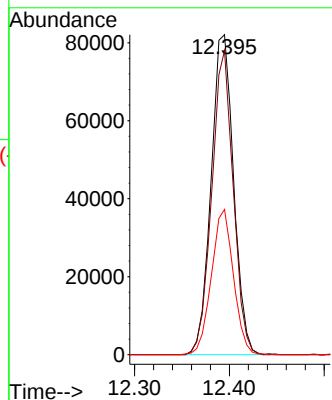
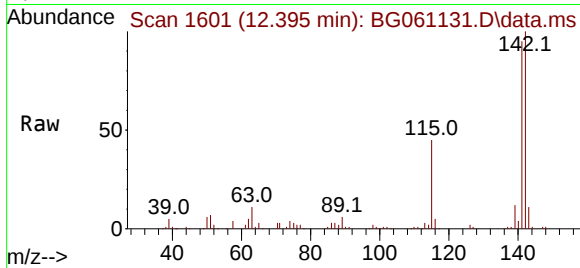




#37
2-Methylnaphthalene
Concen: 40.998 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

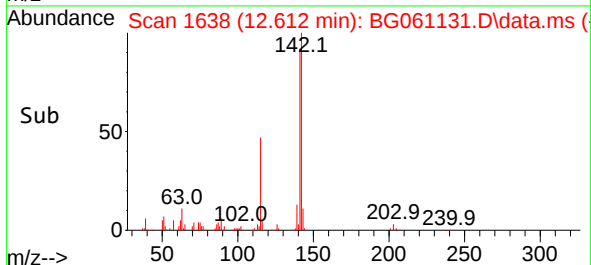
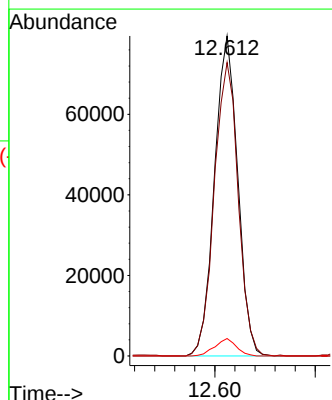
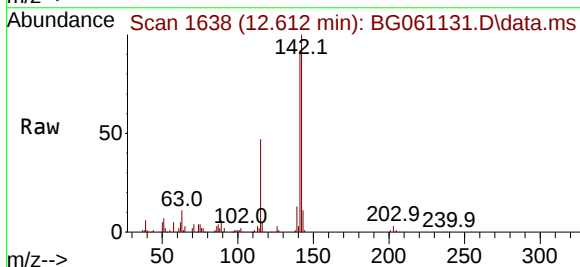
Instrument :
BNA_G
ClientSampleId :
PB160665BS

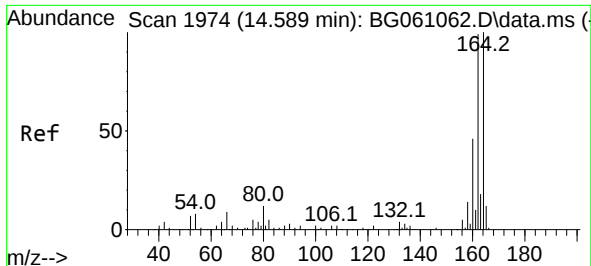
Tgt Ion:142 Resp: 135630
Ion Ratio Lower Upper
142 100
141 95.0 73.8 110.8
115 45.4 36.9 55.3



#38
1-Methylnaphthalene
Concen: 38.331 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:142 Resp: 127660
Ion Ratio Lower Upper
142 100
141 91.7 78.4 117.6
116 5.5 4.3 6.5

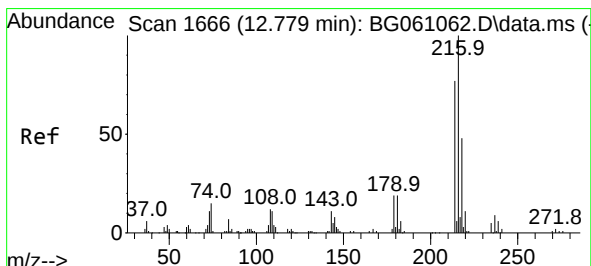
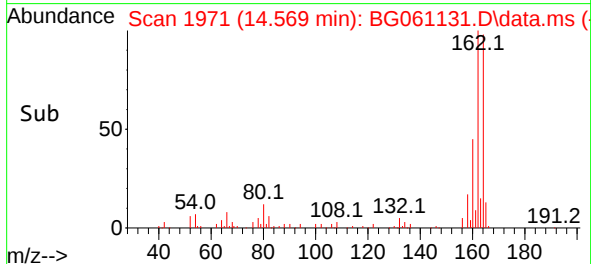
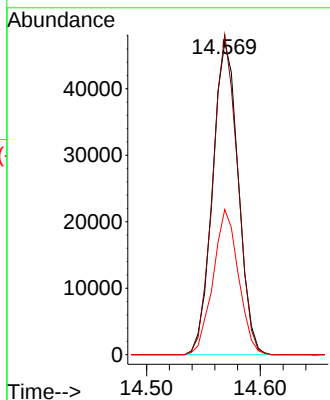
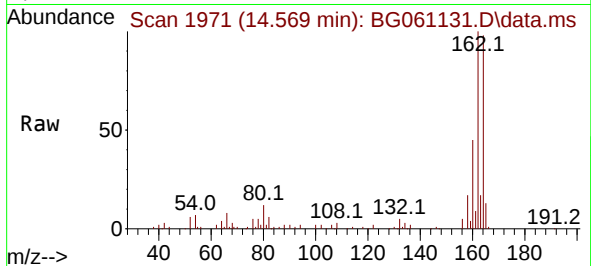




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1974
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

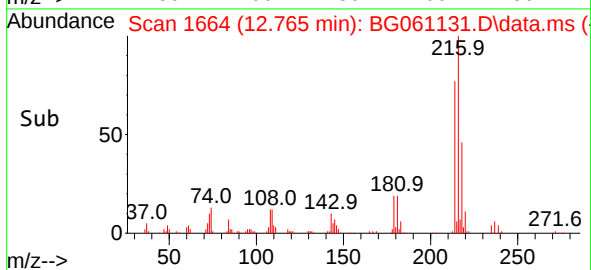
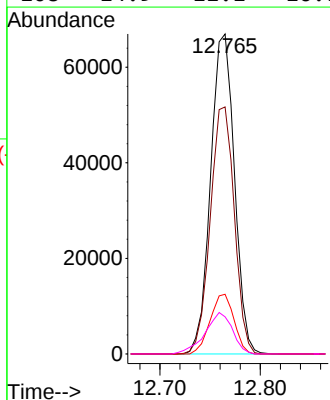
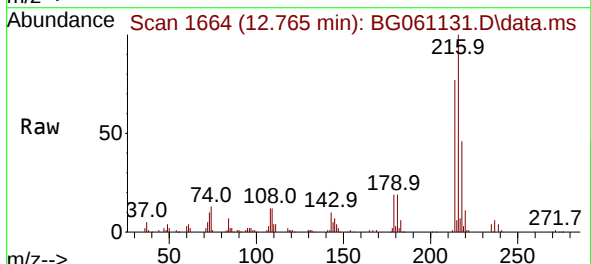
Instrument :
BNA_G
ClientSampleId :
PB160665BS

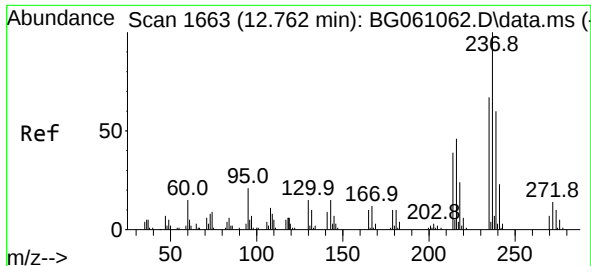
Tgt Ion:164 Resp: 73780
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 46.4 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.774 ng
RT: 12.765 min Scan# 1664
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

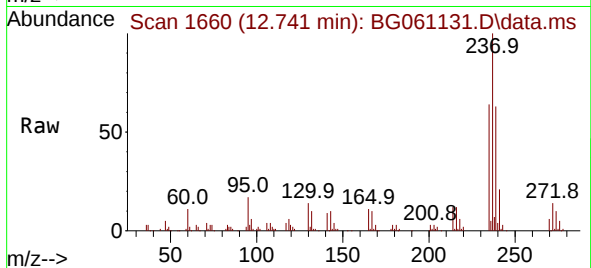
Tgt Ion:216 Resp: 110246
Ion Ratio Lower Upper
216 100
214 77.9 64.2 96.2
179 18.7 15.4 23.2
108 14.9 11.1 16.7



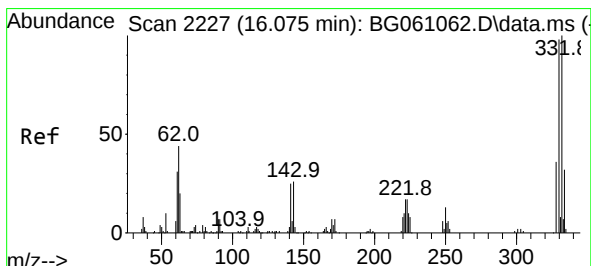
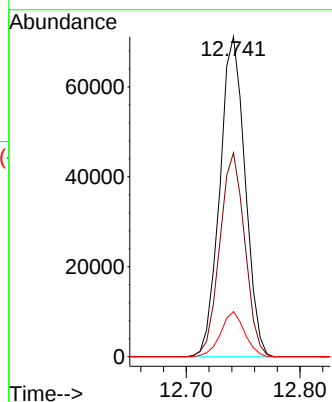
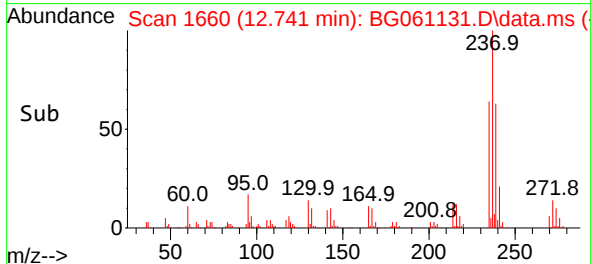


#41
Hexachlorocyclopentadiene
Concen: 116.468 ng
RT: 12.741 min Scan# 1660
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

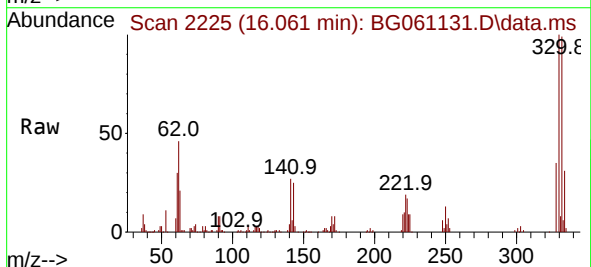
Instrument :
BNA_G
ClientSampleId :
PB160665BS



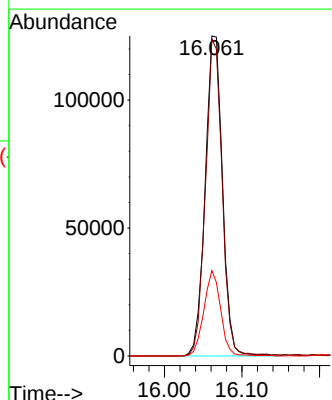
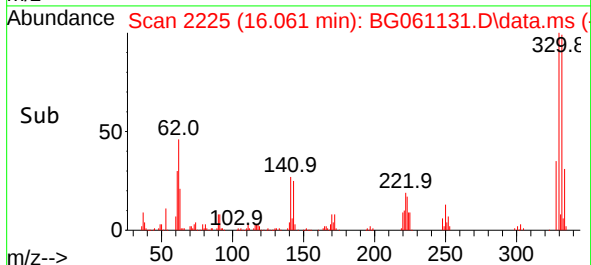
Tgt Ion:237 Resp: 109781
Ion Ratio Lower Upper
237 100
235 63.7 46.5 86.5
272 14.1 0.0 33.9

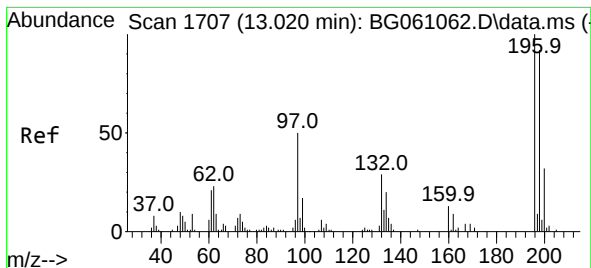


#42
2,4,6-Tribromophenol
Concen: 131.498 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12



Tgt Ion:330 Resp: 193924
Ion Ratio Lower Upper
330 100
332 95.4 78.6 117.8
141 25.8 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 45.089 ng

RT: 13.006 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

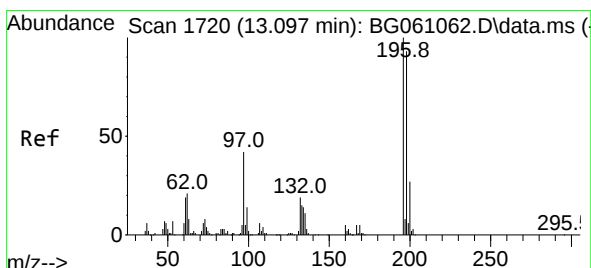
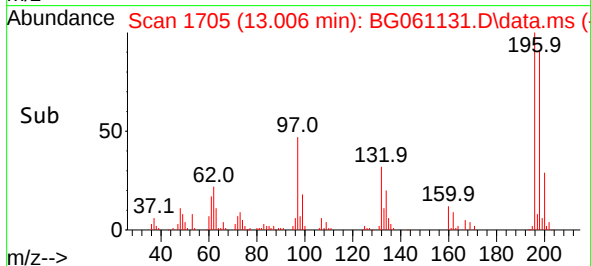
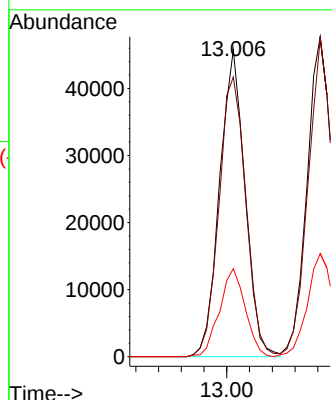
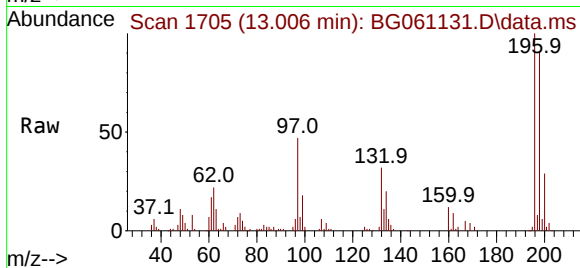
Tgt Ion:196 Resp: 71276

Ion Ratio Lower Upper

196 100

198 91.1 73.8 110.6

200 28.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 43.826 ng

RT: 13.082 min Scan# 1718

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Tgt Ion:196 Resp: 78408

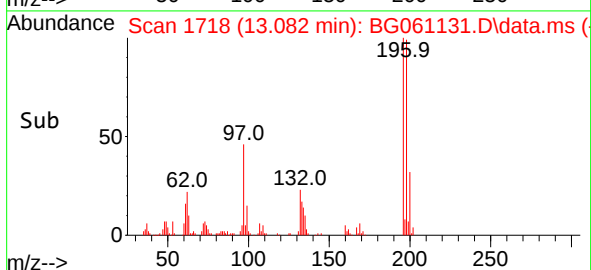
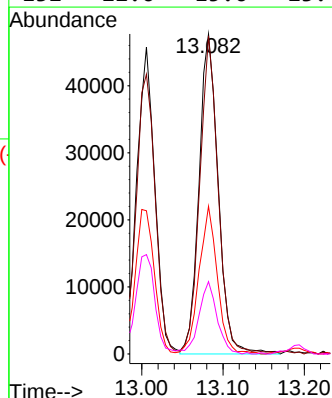
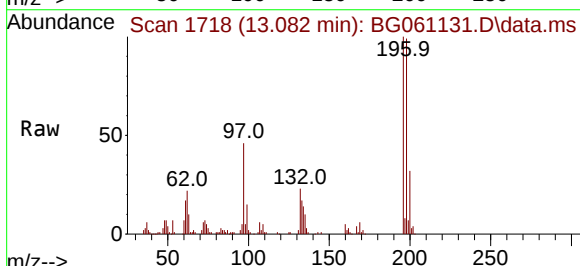
Ion Ratio Lower Upper

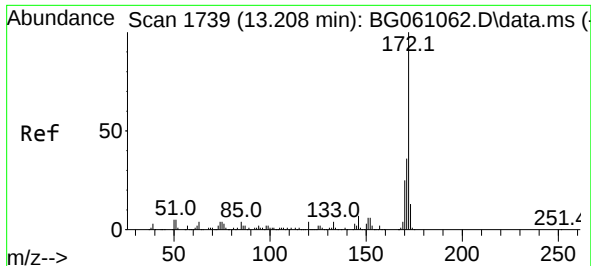
196 100

198 99.4 74.3 111.5

97 46.2 33.6 50.4

132 22.6 15.6 23.4

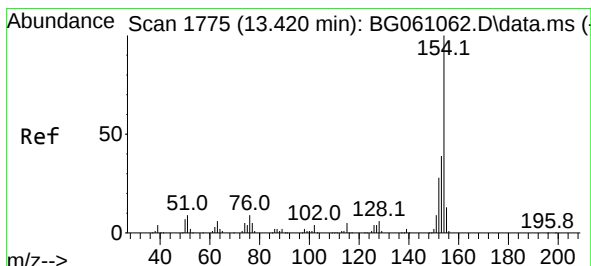
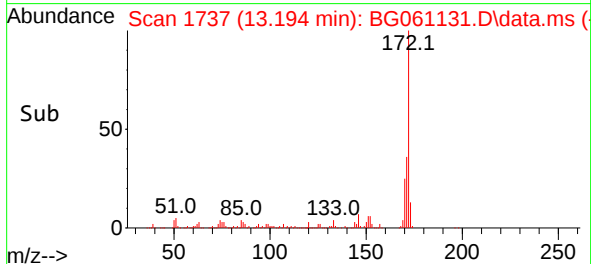
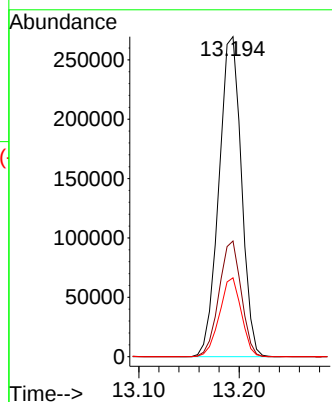
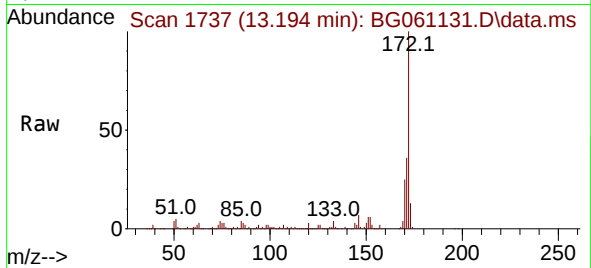




#45
2-Fluorobiphenyl
Concen: 83.881 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

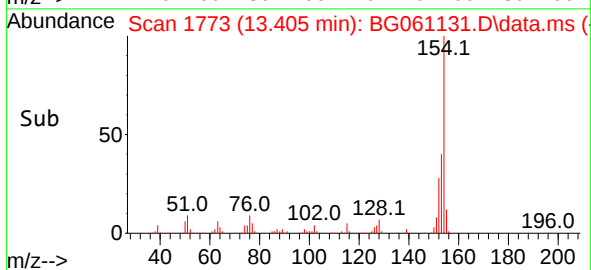
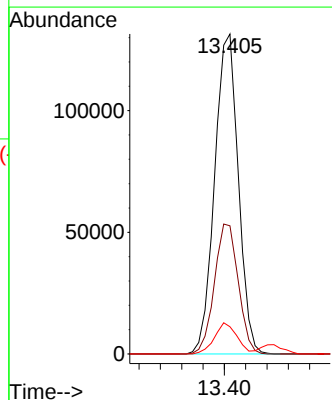
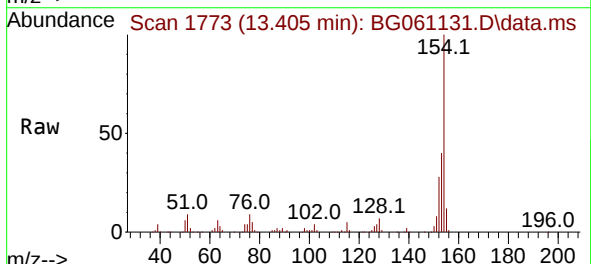
Instrument :
BNA_G
ClientSampleId :
PB160665BS

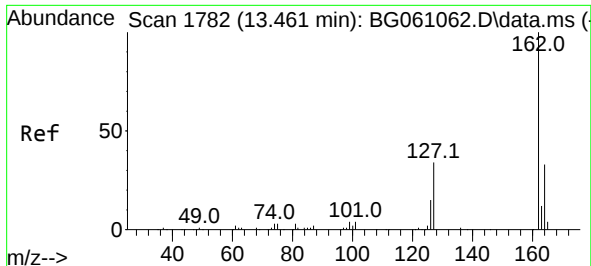
Tgt Ion:172 Resp: 418521
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.771 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:154 Resp: 202333
Ion Ratio Lower Upper
154 100
153 40.1 19.3 59.3
76 8.5 0.0 28.8





#47

2-Chloronaphthalene

Concen: 41.302 ng

RT: 13.446 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

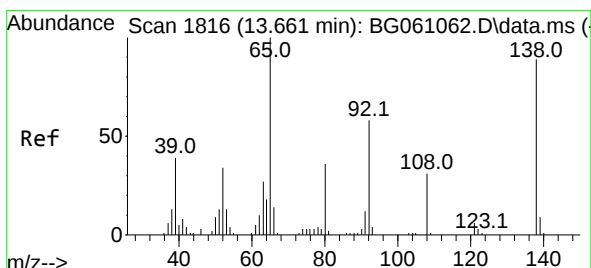
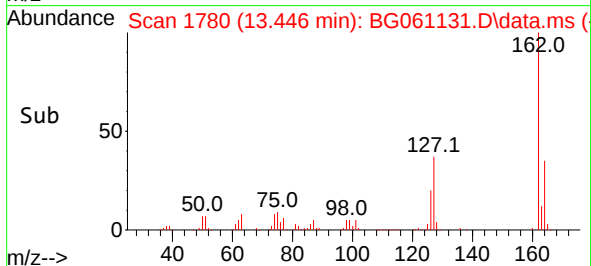
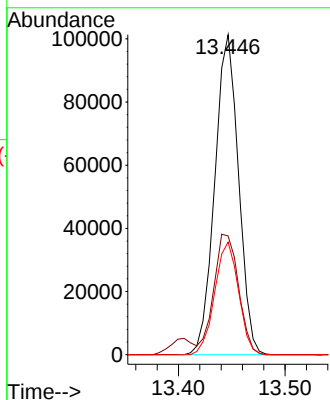
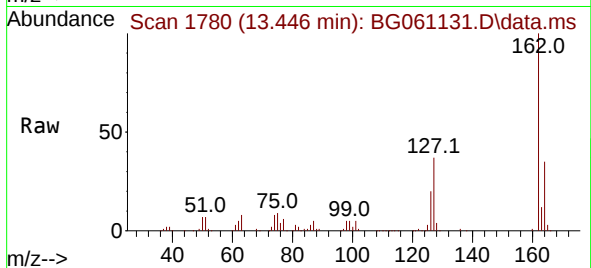
Tgt Ion:162 Resp: 156455

Ion Ratio Lower Upper

162 100

127 37.1 30.7 46.1

164 35.2 26.8 40.2



#48

2-Nitroaniline

Concen: 44.947 ng

RT: 13.646 min Scan# 1814

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

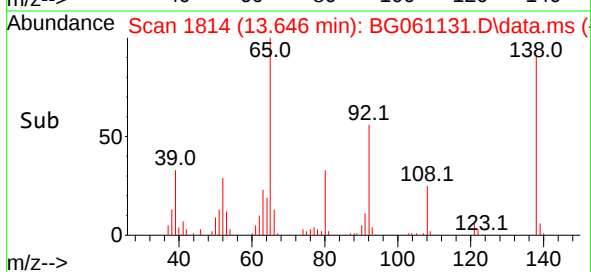
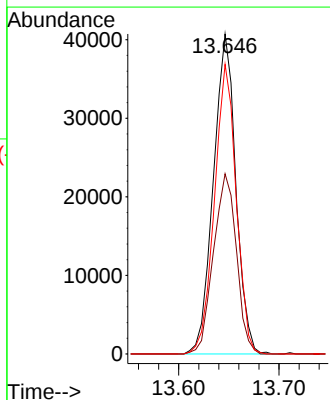
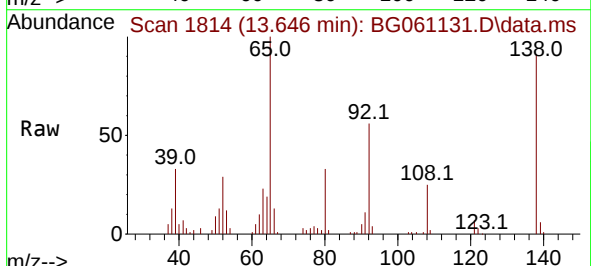
Tgt Ion: 65 Resp: 63181

Ion Ratio Lower Upper

65 100

92 56.3 46.7 70.1

138 90.5 71.4 107.2

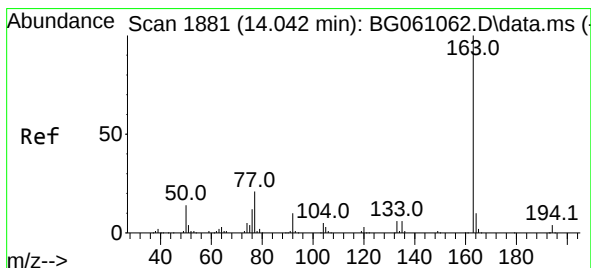
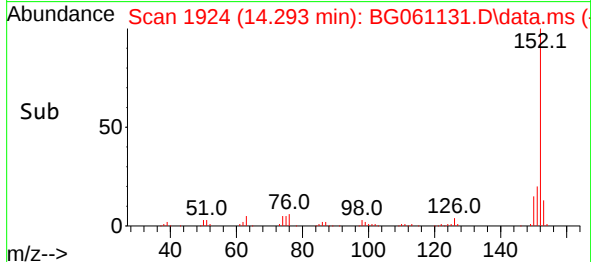
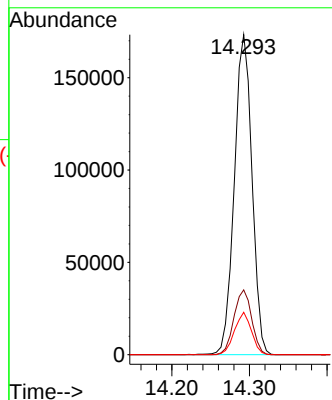
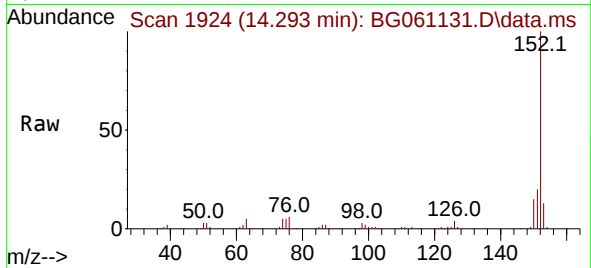




#49
Acenaphthylene
Concen: 47.245 ng
RT: 14.293 min Scan# 1926
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

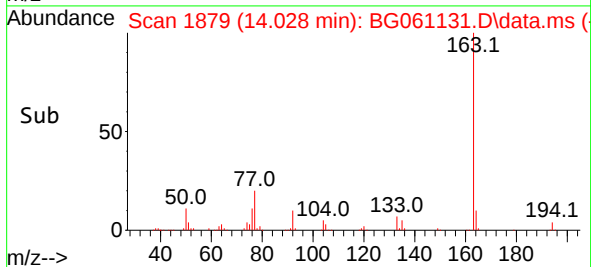
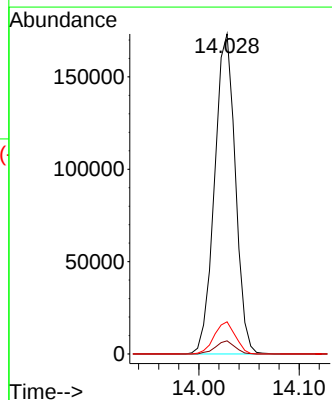
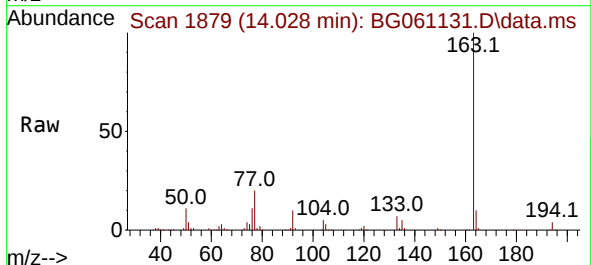
Instrument :
BNA_G
ClientSampleId :
PB160665BS

Tgt Ion:152 Resp: 274874
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.663 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:163 Resp: 248820
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8

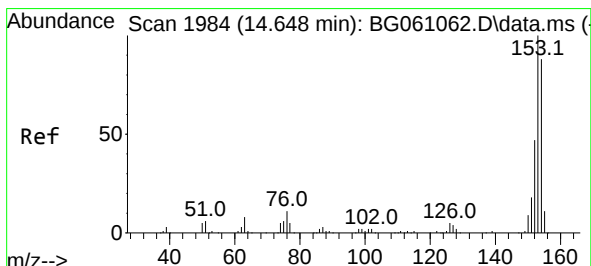
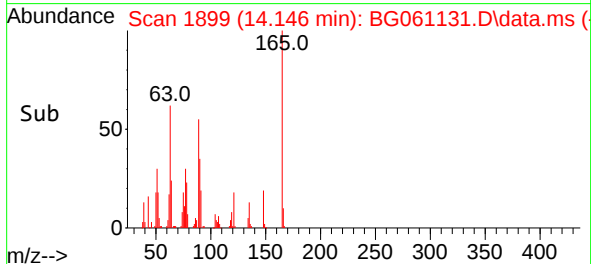
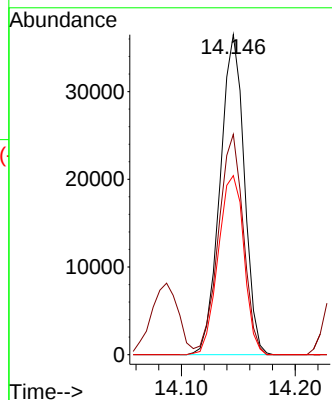
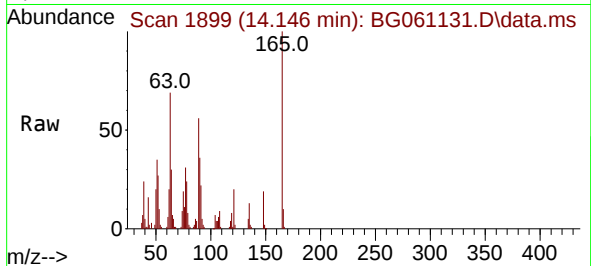




#51
2,6-Dinitrotoluene
Concen: 44.232 ng
RT: 14.146 min Scan# 1899
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

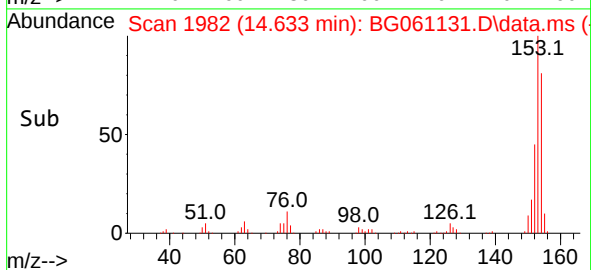
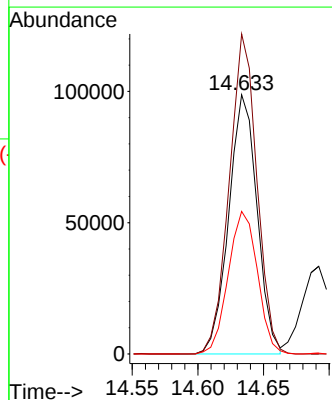
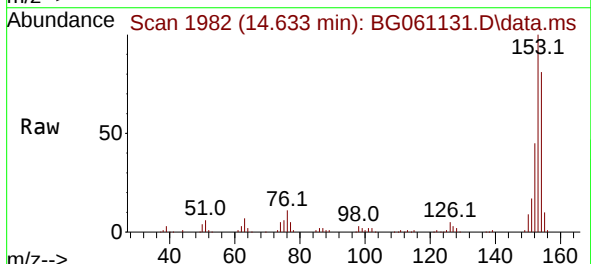
Instrument :
BNA_G
ClientSampleId :
PB160665BS

Tgt Ion:165 Resp: 53916
Ion Ratio Lower Upper
165 100
63 68.9 60.0 90.0
89 56.0 50.9 76.3



#52
Acenaphthene
Concen: 40.901 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:154 Resp: 148450
Ion Ratio Lower Upper
154 100
153 123.4 91.0 136.4
152 55.0 43.1 64.7

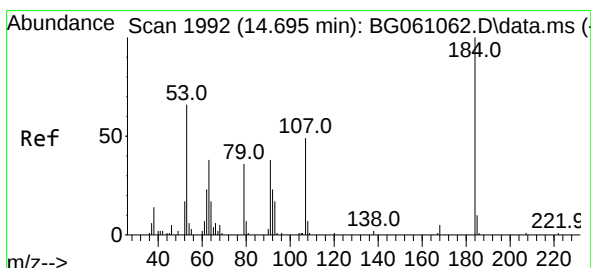
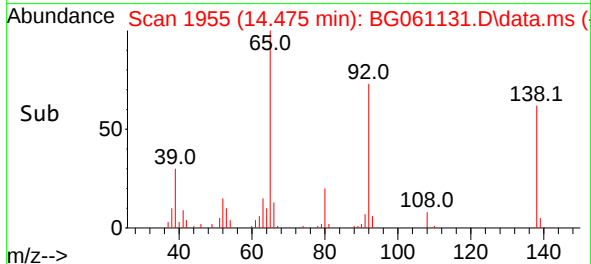
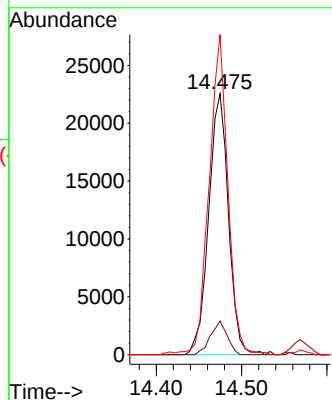
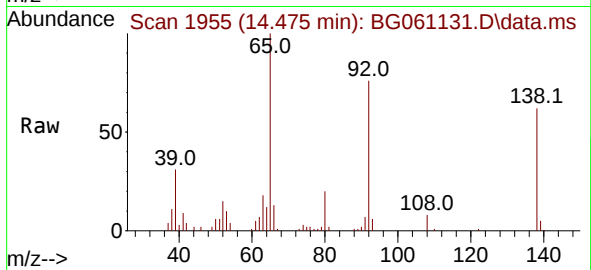




#53
3-Nitroaniline
Concen: 32.586 ng
RT: 14.475 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

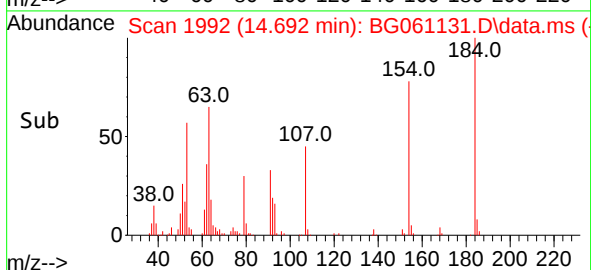
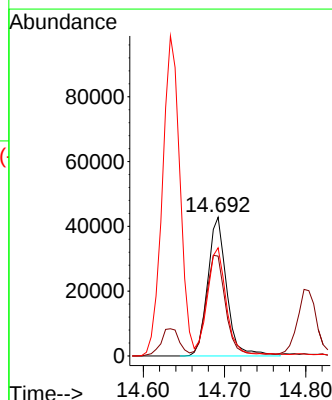
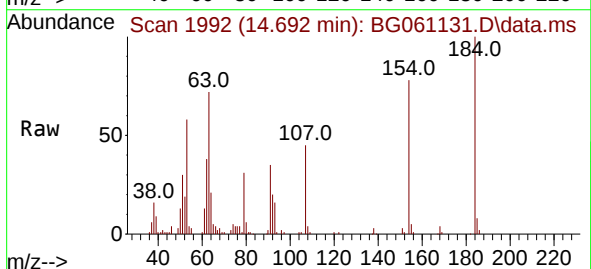
Instrument :
BNA_G
ClientSampleId :
PB160665BS

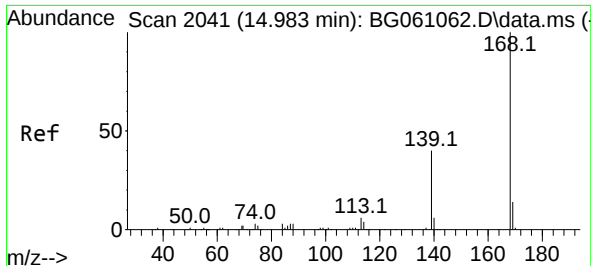
Tgt Ion:138 Resp: 36344
Ion Ratio Lower Upper
138 100
108 12.9 8.2 12.2#
92 122.7 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 80.333 ng
RT: 14.692 min Scan# 1992
Delta R.T. -0.003 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:184 Resp: 69421
Ion Ratio Lower Upper
184 100
63 72.0 62.6 93.8
154 78.0 61.4 92.0

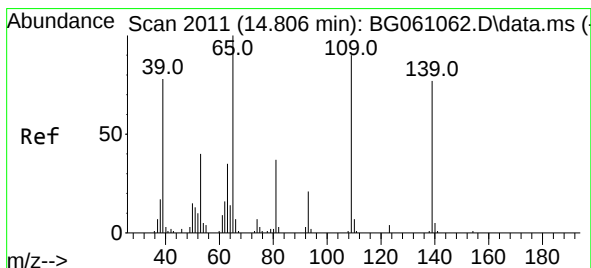
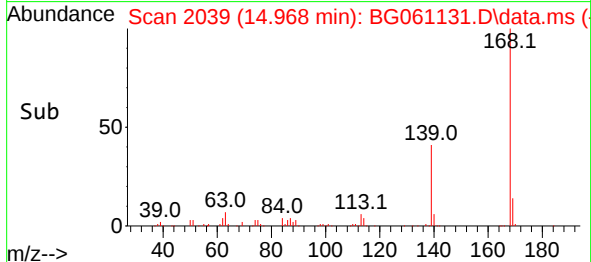
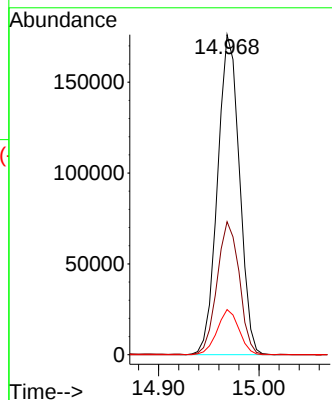
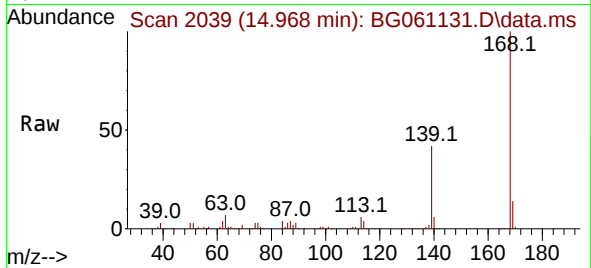




#55
Dibenzofuran
Concen: 43.474 ng
RT: 14.968 min Scan# 2041
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

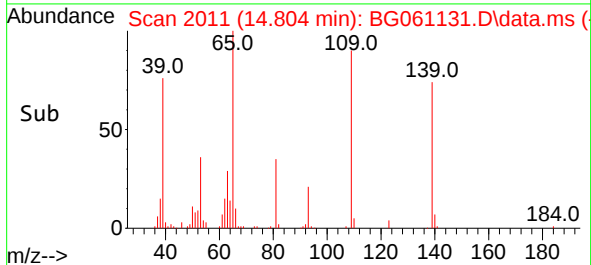
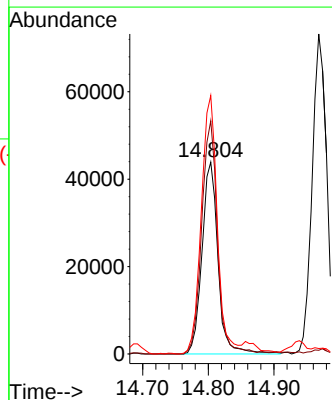
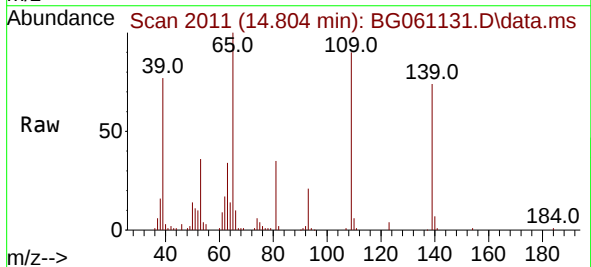
Instrument :
BNA_G
ClientSampleId :
PB160665BS

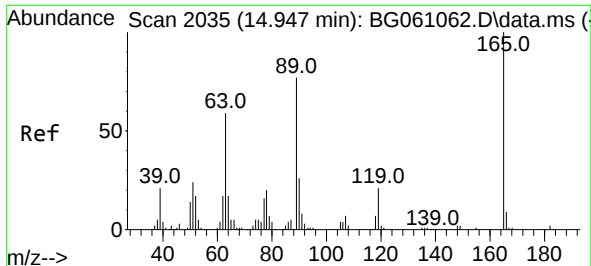
Tgt Ion:168 Resp: 266515
Ion Ratio Lower Upper
168 100
139 41.6 32.2 48.4
169 14.1 11.4 17.2



#56
4-Nitrophenol
Concen: 82.739 ng
RT: 14.804 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:139 Resp: 74577
Ion Ratio Lower Upper
139 100
109 121.5 97.7 137.7
65 134.7 110.7 150.7

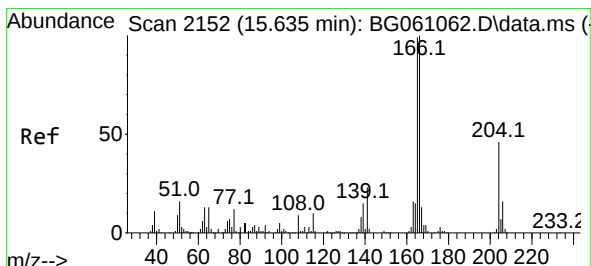
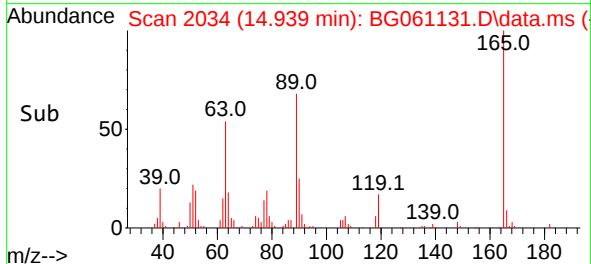
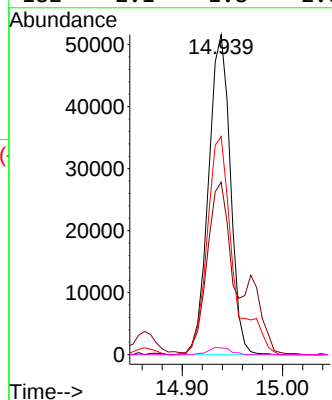
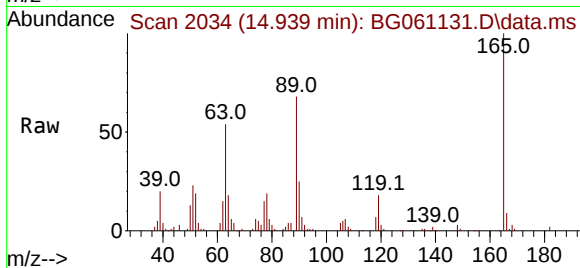




#57
2,4-Dinitrotoluene
Concen: 43.220 ng
RT: 14.939 min Scan# 2034
Delta R.T. -0.008 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

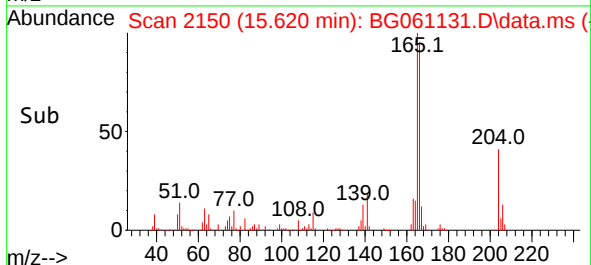
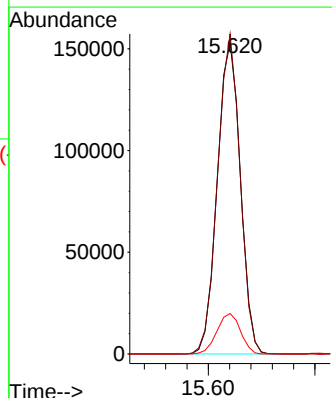
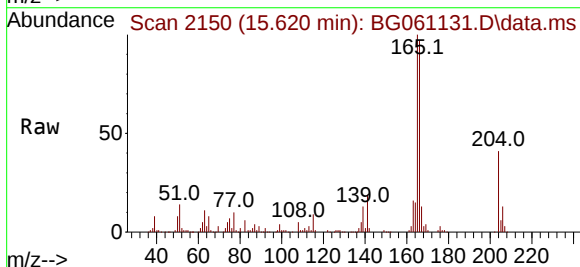
Instrument :
BNA_G
ClientSampleId :
PB160665BS

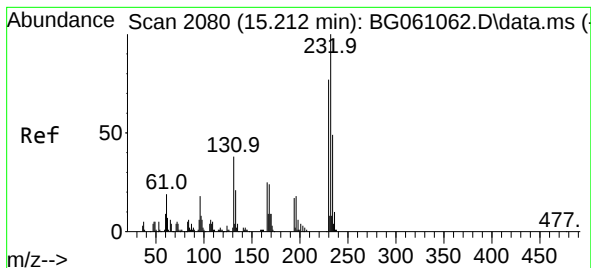
Tgt Ion:	165	Resp:	77943
Ion Ratio	Lower	Upper	
165	100		
63	53.9	47.3	70.9
89	68.2	61.8	92.8
182	2.1	1.8	2.6



#58
Fluorene
Concen: 43.384 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:	166	Resp:	230143
Ion Ratio	Lower	Upper	
166	100		
165	102.8	78.9	118.3
167	13.0	10.6	15.8

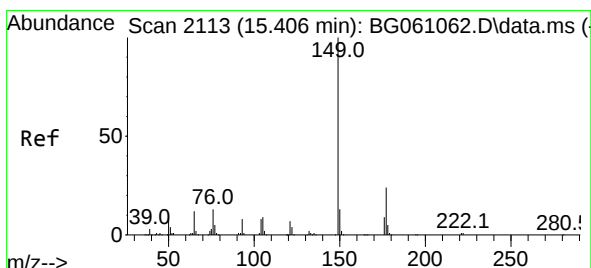
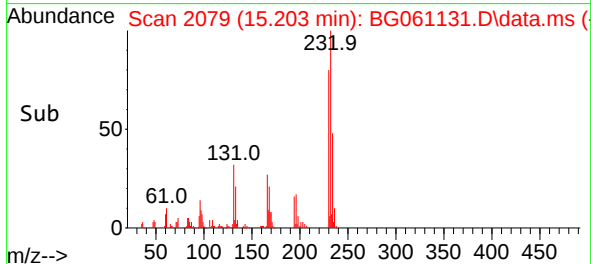
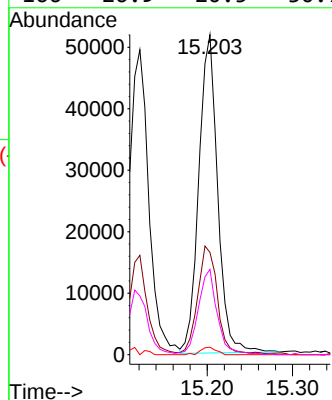
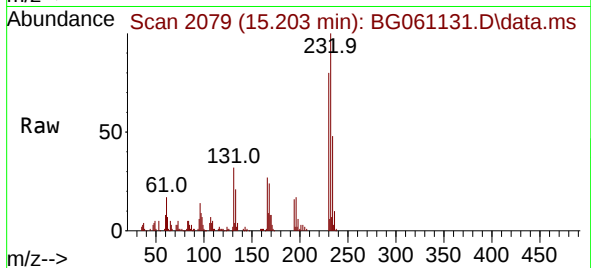




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.233 ng
RT: 15.203 min Scan# 2080
Delta R.T. -0.008 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

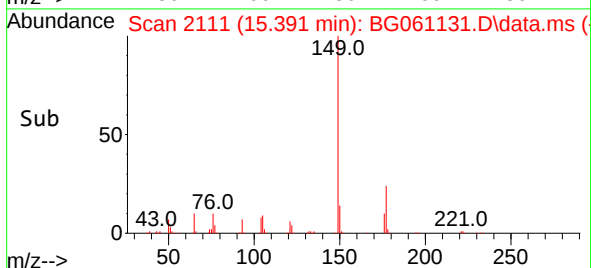
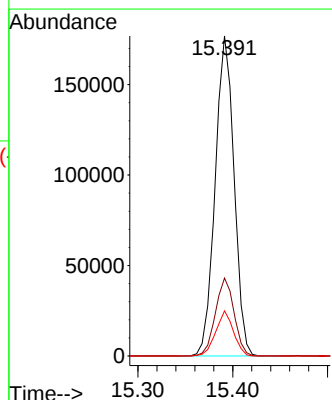
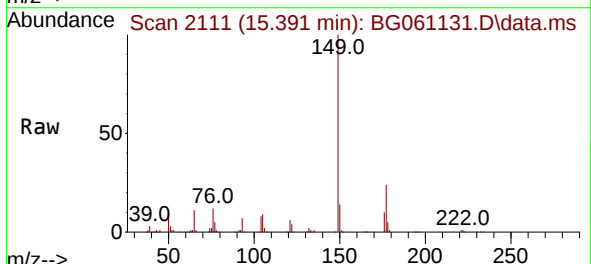
Instrument :
BNA_G
ClientSampleId :
PB160665BS

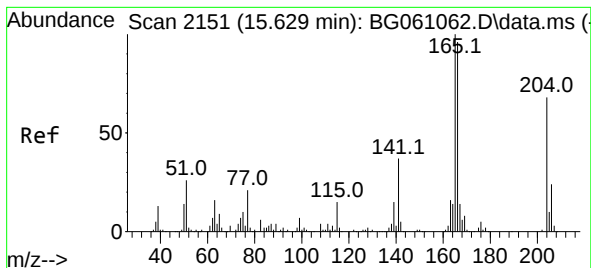
Tgt Ion:232 Resp: 79623
Ion Ratio Lower Upper
232 100
131 35.1 27.0 40.4
130 2.0 1.7 2.5
166 26.9 20.5 30.7



#60
Diethylphthalate
Concen: 42.665 ng
RT: 15.391 min Scan# 2111
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:149 Resp: 245181
Ion Ratio Lower Upper
149 100
177 24.4 19.1 28.7
150 14.1 10.6 16.0

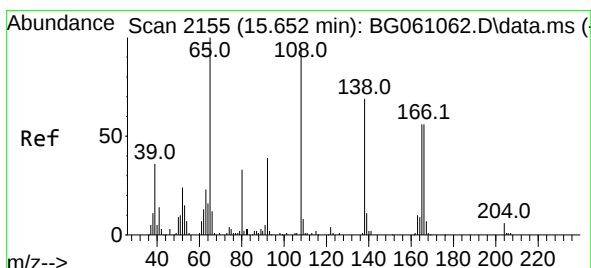
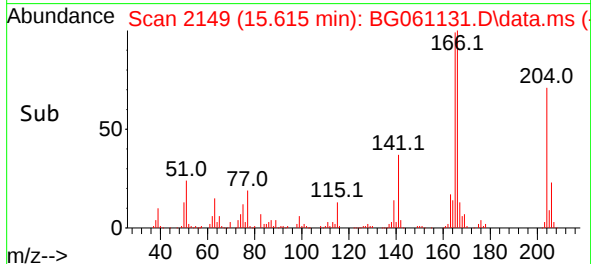
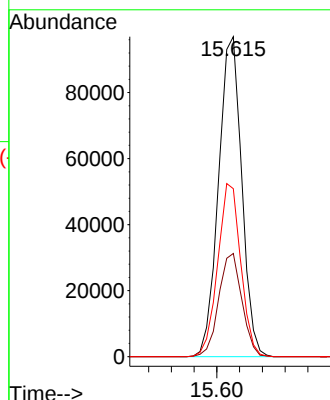
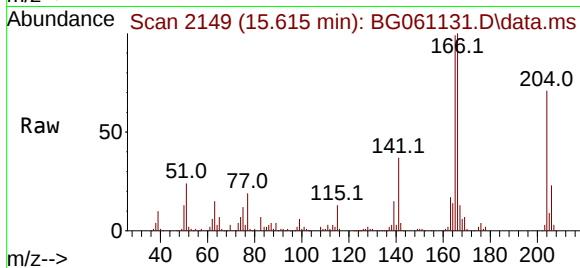




#61
4-Chlorophenyl-phenylether
Concen: 43.111 ng
RT: 15.615 min Scan# 2151
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

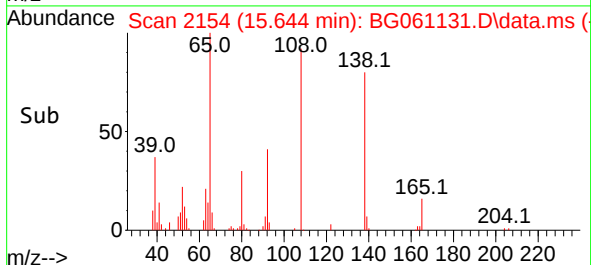
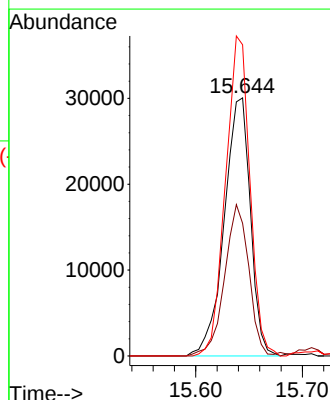
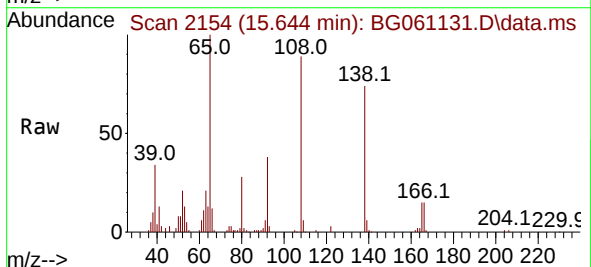
Instrument :
BNA_G
ClientSampleId :
PB160665BS

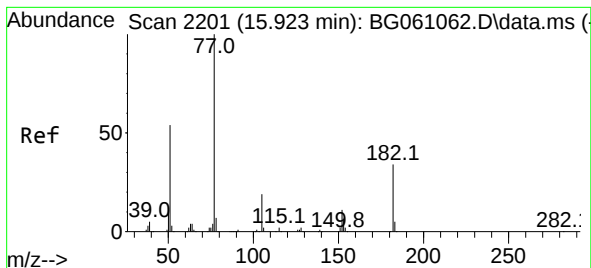
Tgt Ion:204 Resp: 137322
Ion Ratio Lower Upper
204 100
206 32.2 27.8 41.6
141 52.5 42.9 64.3



#62
4-Nitroaniline
Concen: 42.335 ng
RT: 15.644 min Scan# 2154
Delta R.T. -0.008 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:138 Resp: 51210
Ion Ratio Lower Upper
138 100
92 51.4 35.5 75.5
108 120.6 116.2 156.2





#63

Azobenzene

Concen: 44.301 ng

RT: 15.908 min Scan# 2199

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

Tgt Ion: 77 Resp: 198181

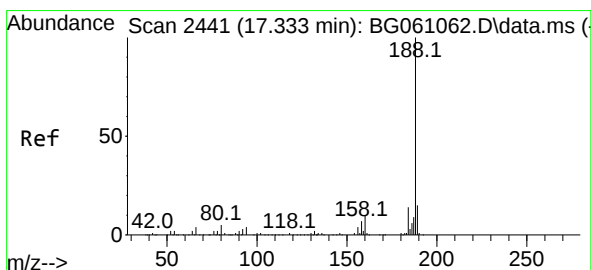
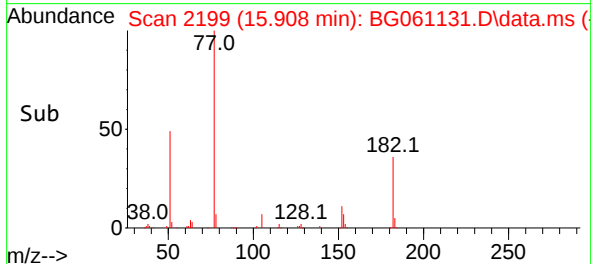
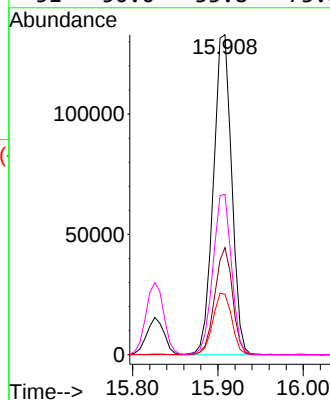
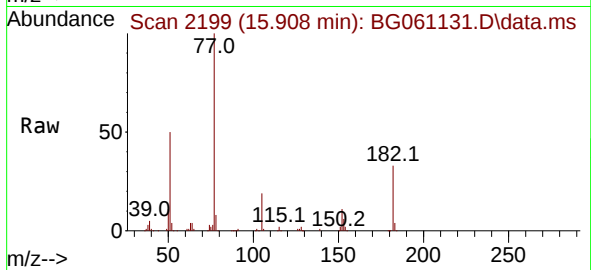
Ion Ratio Lower Upper

77 100

182 33.4 13.5 53.5

105 18.9 0.0 39.3

51 50.0 33.8 73.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

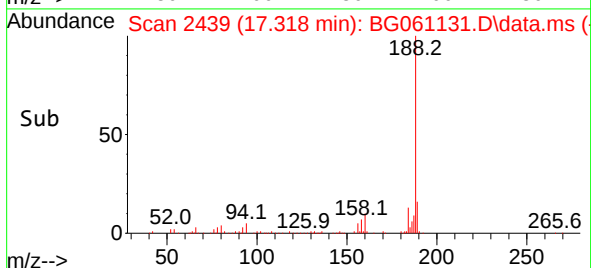
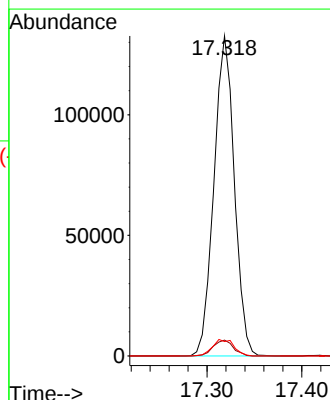
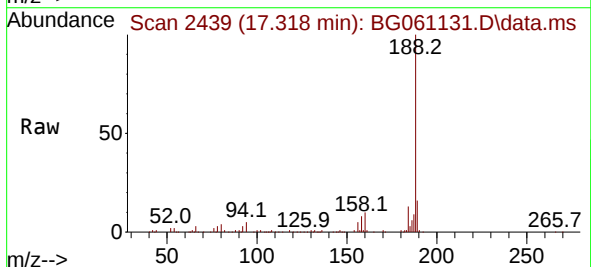
Tgt Ion:188 Resp: 198401

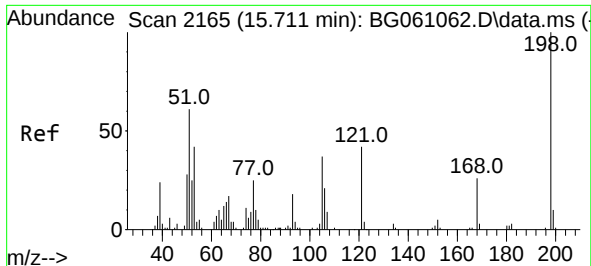
Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

80 4.5 4.2 6.2

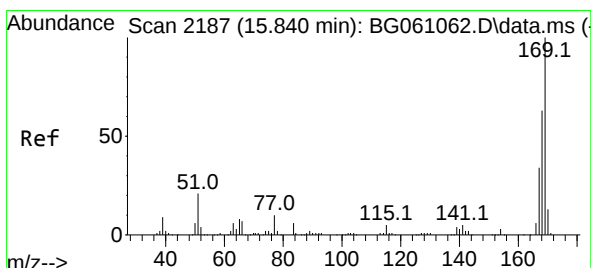
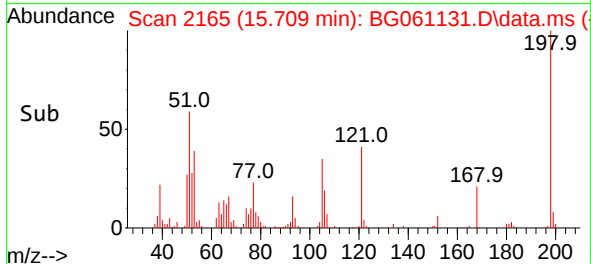
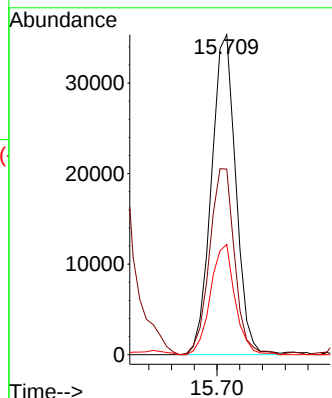
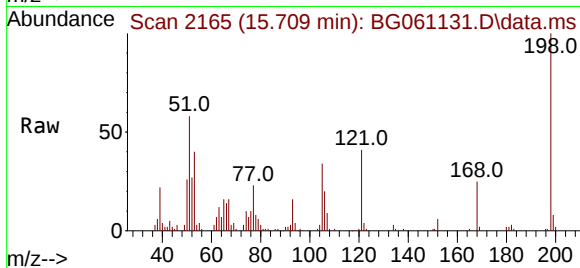




#65
4,6-Dinitro-2-methylphenol
Concen: 42.837 ng
RT: 15.709 min Scan# 2165
Delta R.T. -0.003 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

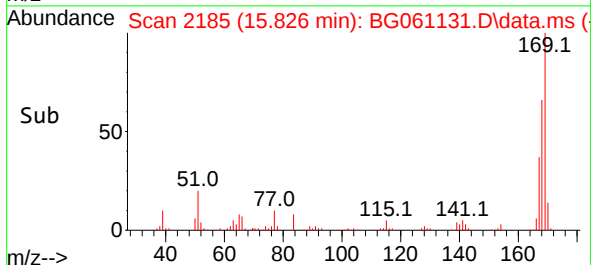
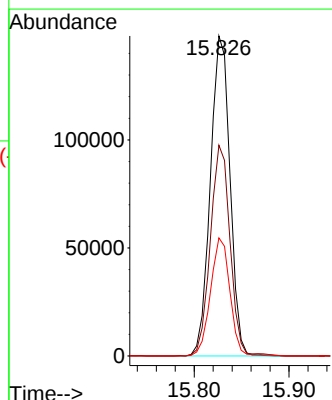
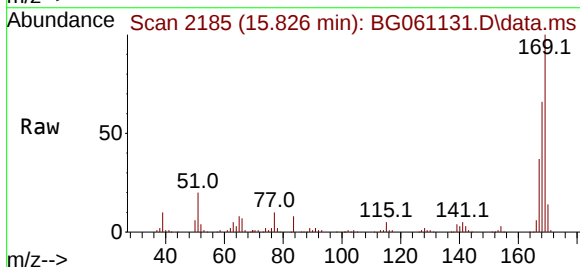
Instrument :
BNA_G
ClientSampleId :
PB160665BS

Tgt Ion:198 Resp: 52732
Ion Ratio Lower Upper
198 100
51 58.0 41.2 81.2
105 34.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.185 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:169 Resp: 212468
Ion Ratio Lower Upper
169 100
168 65.9 50.6 75.8
167 36.9 27.4 41.2

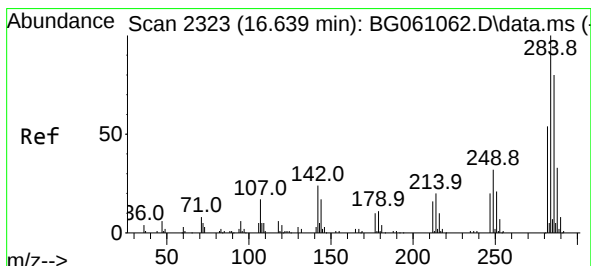
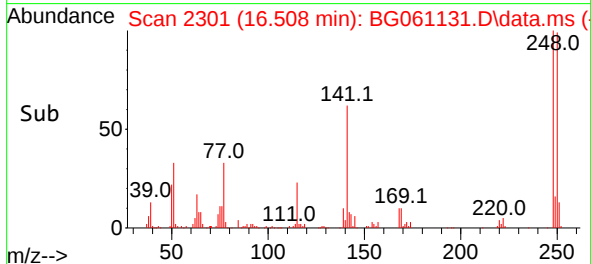
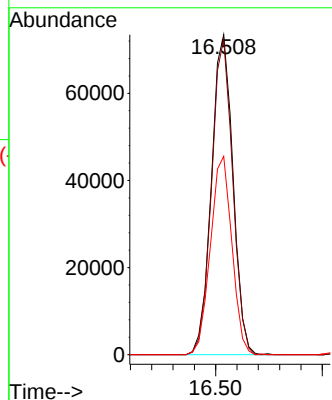
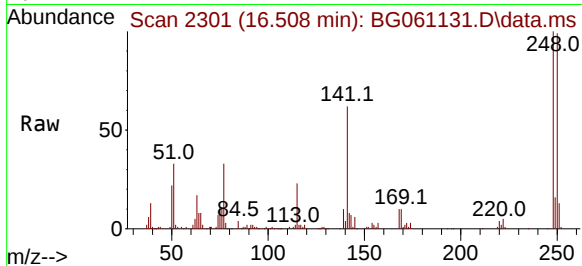




#67
4-Bromophenyl-phenylether
Concen: 43.908 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

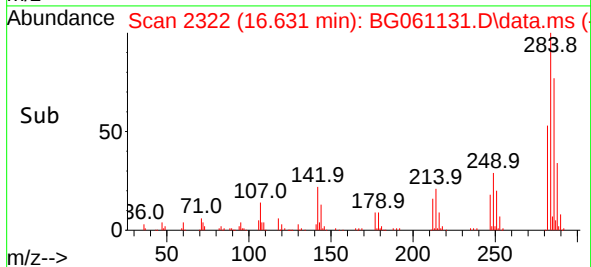
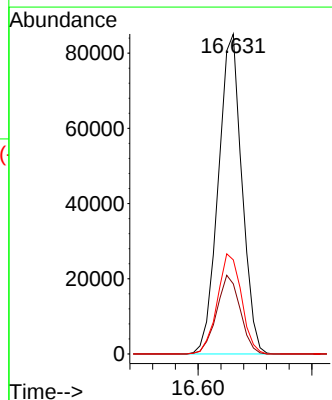
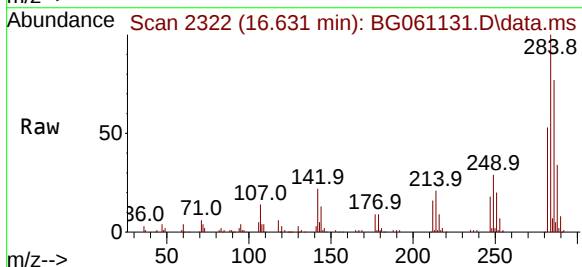
Instrument :
BNA_G
ClientSampleId :
PB160665BS

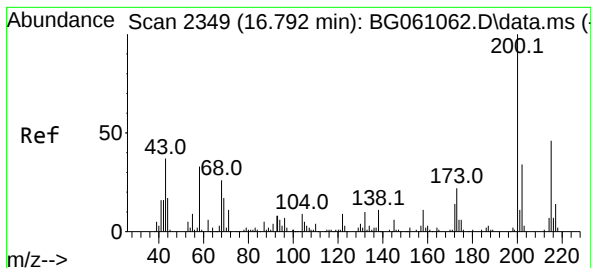
Tgt Ion:248 Resp: 102622
Ion Ratio Lower Upper
248 100
250 98.6 73.0 109.4
141 62.0 50.8 76.2



#68
Hexachlorobenzene
Concen: 42.116 ng
RT: 16.631 min Scan# 2322
Delta R.T. -0.008 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:284 Resp: 122516
Ion Ratio Lower Upper
284 100
142 21.9 19.2 28.8
249 29.4 25.4 38.2





#69

Atrazine

Concen: 48.392 ng

RT: 16.778 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

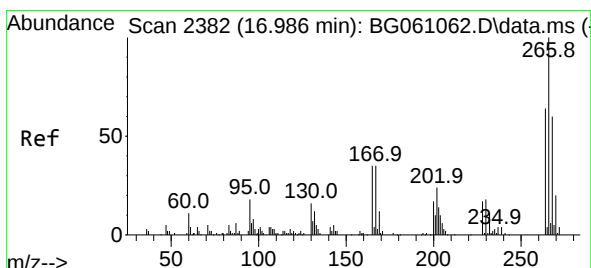
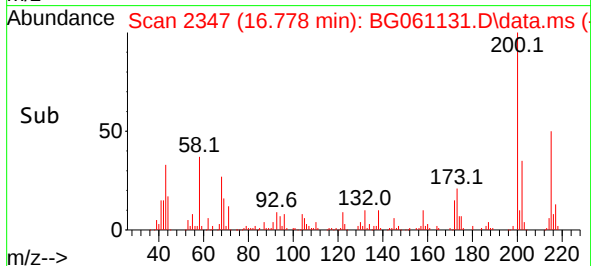
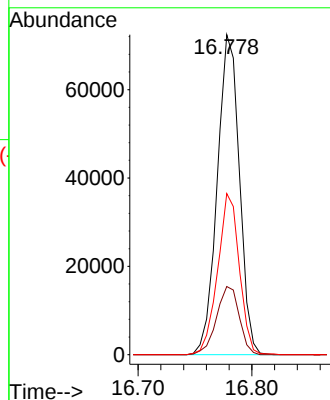
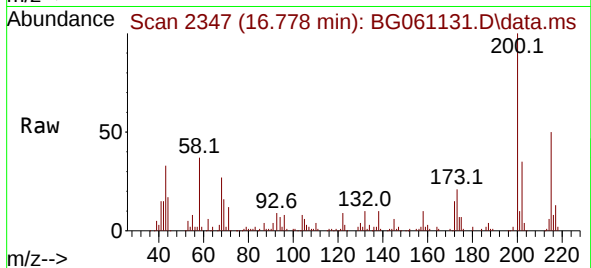
Tgt Ion:200 Resp: 98188

Ion Ratio Lower Upper

200 100

173 21.3 2.0 42.0

215 50.3 26.2 66.2



#70

Pentachlorophenol

Concen: 69.711 ng

RT: 16.972 min Scan# 2380

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

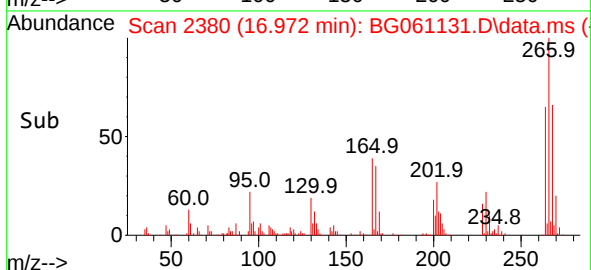
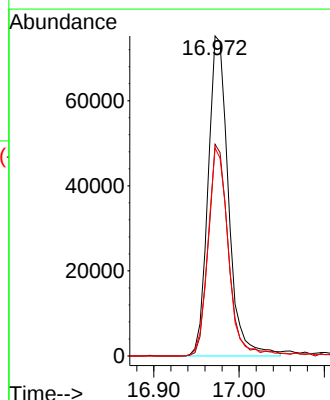
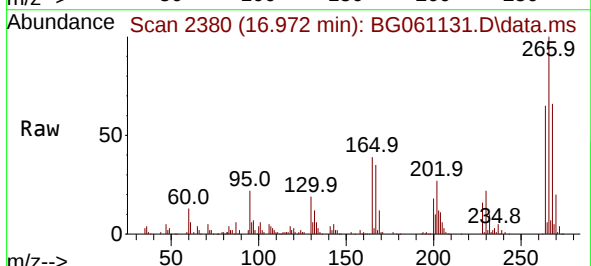
Tgt Ion:266 Resp: 124584

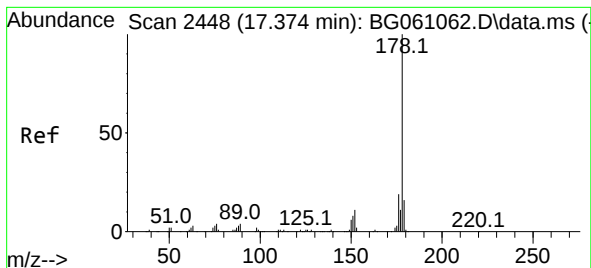
Ion Ratio Lower Upper

266 100

268 66.1 47.8 71.8

264 65.0 51.5 77.3





#71

Phenanthrene

Concen: 44.012 ng

RT: 17.360 min Scan# 2446

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

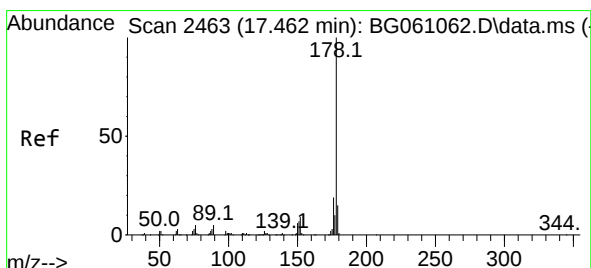
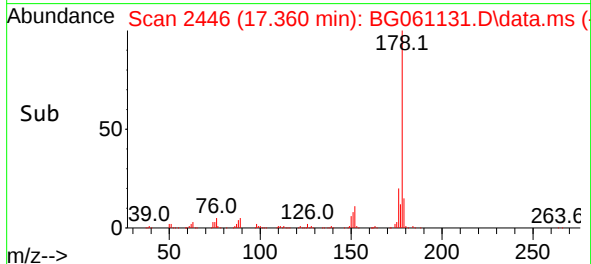
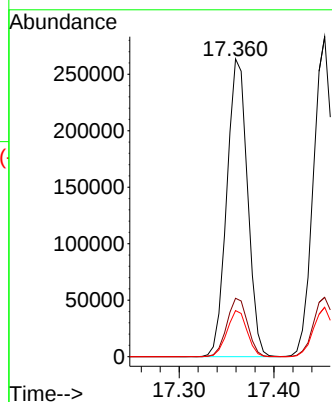
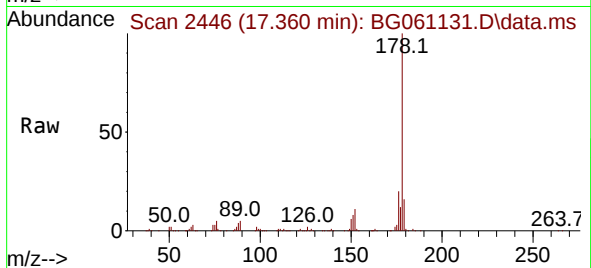
Tgt Ion:178 Resp: 399262

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 45.220 ng

RT: 17.454 min Scan# 2462

Delta R.T. -0.008 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

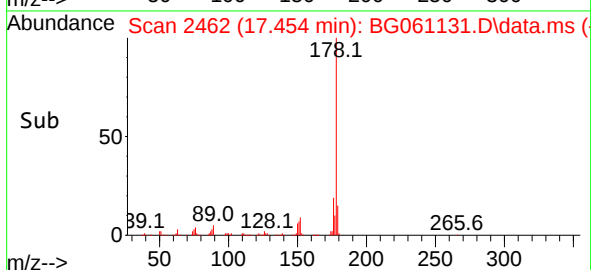
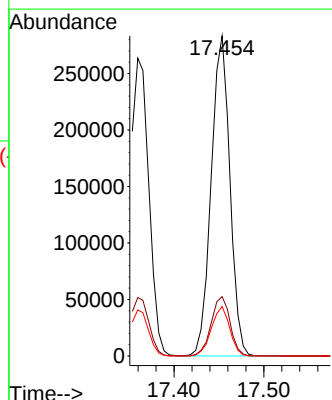
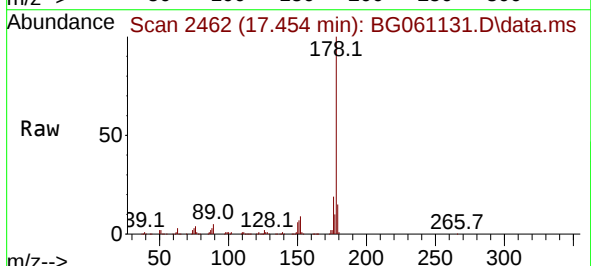
Tgt Ion:178 Resp: 409330

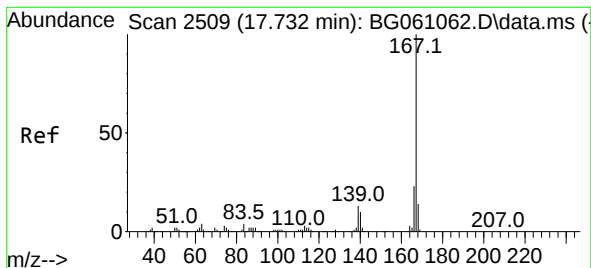
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.5 12.0 18.0





#73

Carbazole

Concen: 43.734 ng

RT: 17.724 min Scan# 2508

Delta R.T. -0.008 min

Lab File: BG061131.D

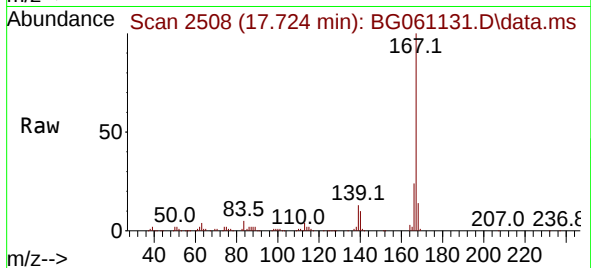
Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS



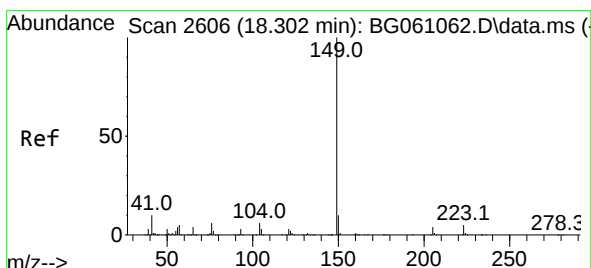
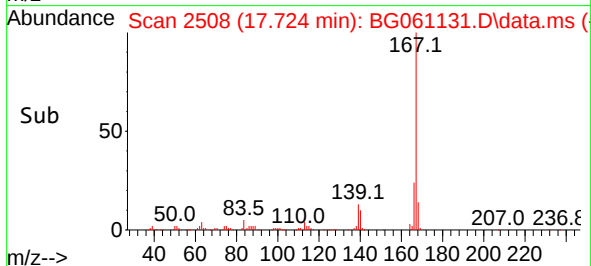
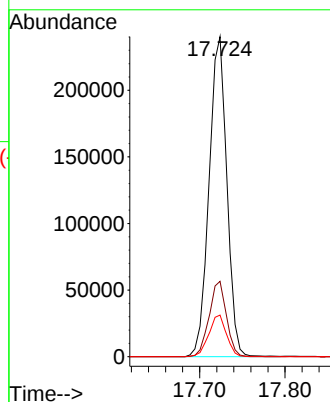
Tgt Ion:167 Resp: 348075

Ion	Ratio	Lower	Upper
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167	100		
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166	23.6	18.7	28.1
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139	13.0	10.6	15.8
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#74

Di-n-butylphthalate

Concen: 42.797 ng

RT: 18.282 min Scan# 2603

Delta R.T. -0.020 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

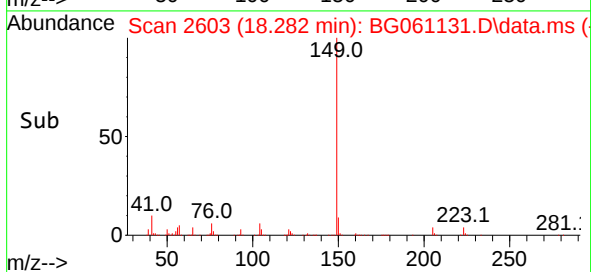
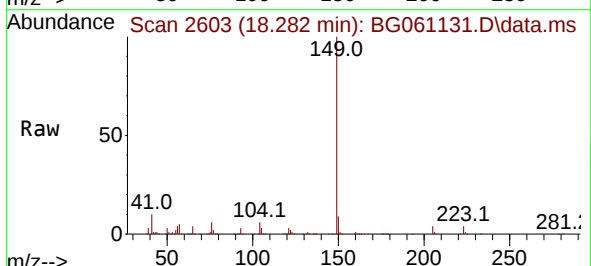
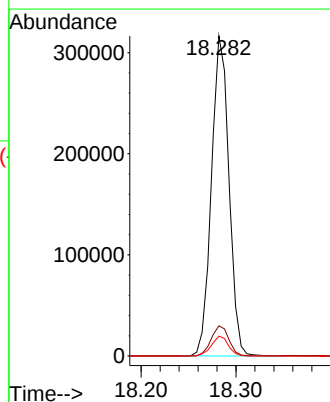
Tgt Ion:149 Resp: 405030

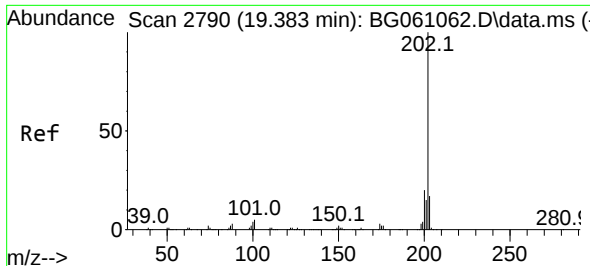
Ion	Ratio	Lower	Upper
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149	100		
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150	9.4	7.7	11.5
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104	6.2	5.0	7.6
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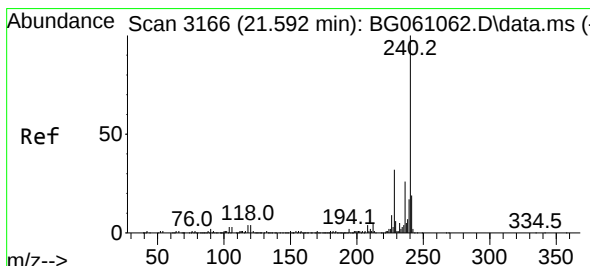
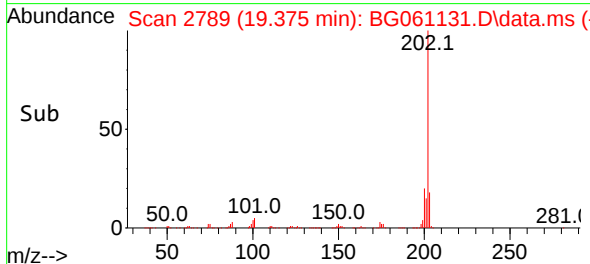
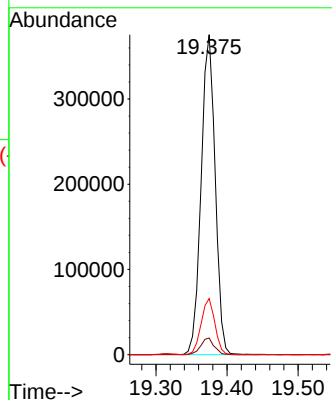
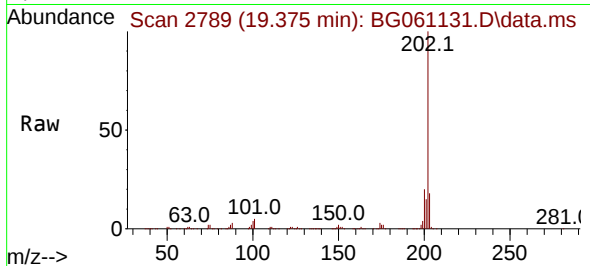




#75
Fluoranthene
Concen: 41.579 ng
RT: 19.375 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

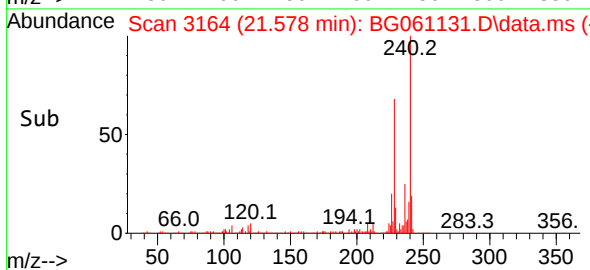
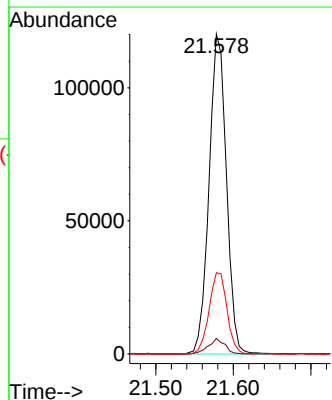
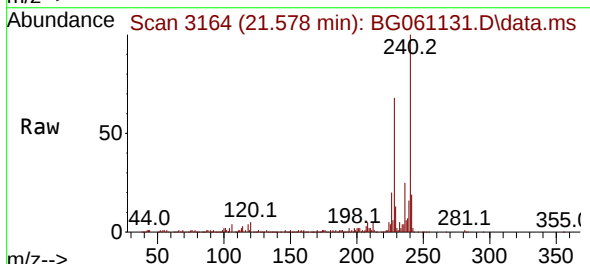
Instrument :
BNA_G
ClientSampleId :
PB160665BS

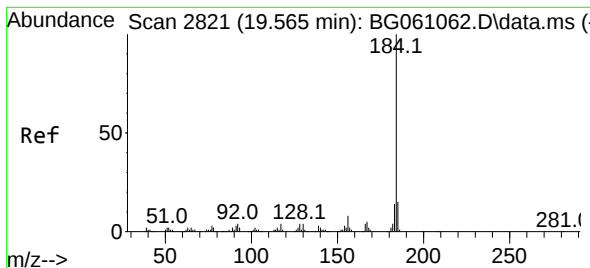
Tgt Ion:202 Resp: 516750
Ion Ratio Lower Upper
202 100
101 5.2 0.0 24.7
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:240 Resp: 187273
Ion Ratio Lower Upper
240 100
120 4.9 3.2 4.8#
236 25.4 21.0 31.6





#77

Benzidine

Concen: 36.955 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

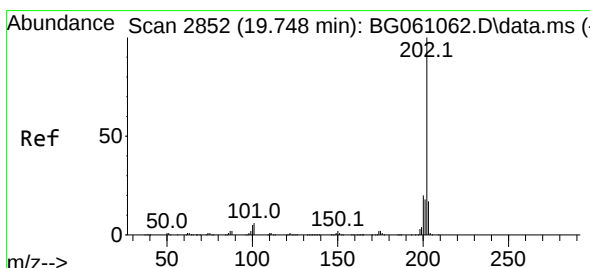
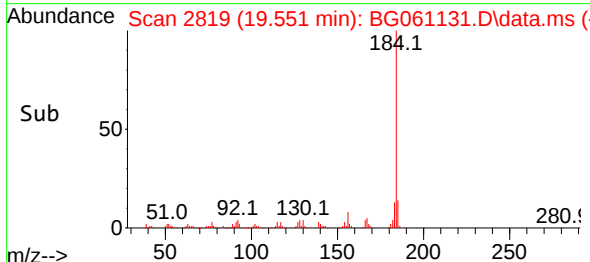
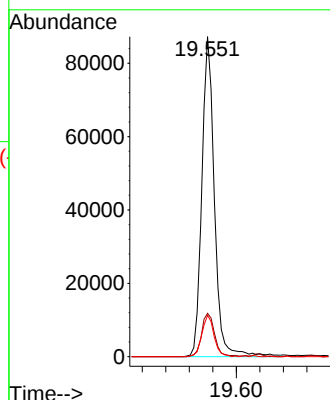
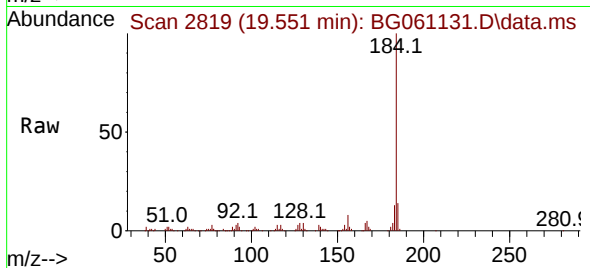
Tgt Ion:184 Resp: 129260

Ion Ratio Lower Upper

184 100

185 13.6 12.0 18.0

183 13.0 10.9 16.3



#78

Pyrene

Concen: 44.263 ng

RT: 19.733 min Scan# 2850

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

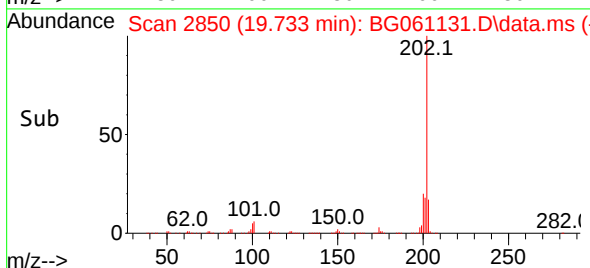
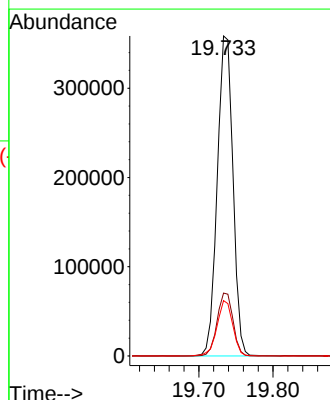
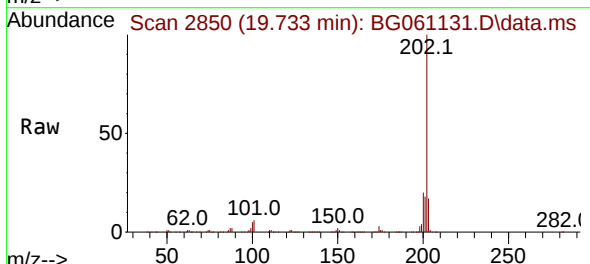
Tgt Ion:202 Resp: 527004

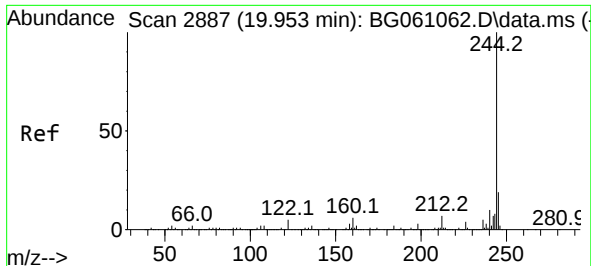
Ion Ratio Lower Upper

202 100

200 19.6 16.2 24.4

203 17.3 13.3 19.9

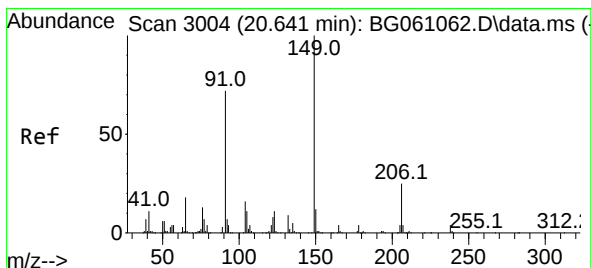
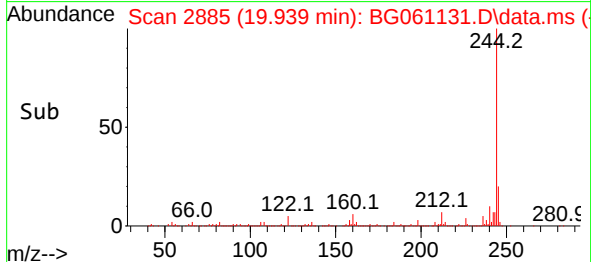
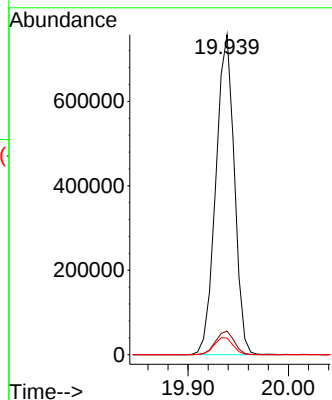
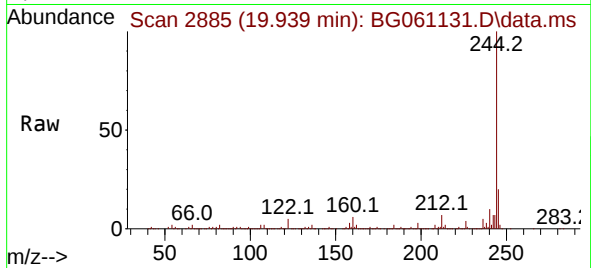




#79
 Terphenyl-d14
 Concen: 86.018 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG061131.D
 Acq: 7 May 2024 14:12

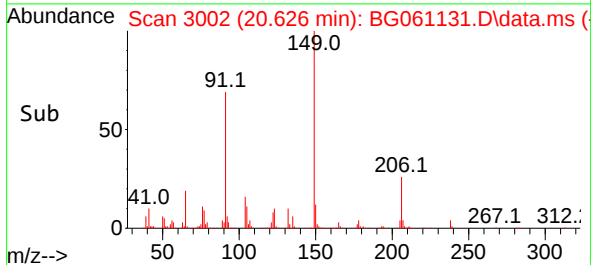
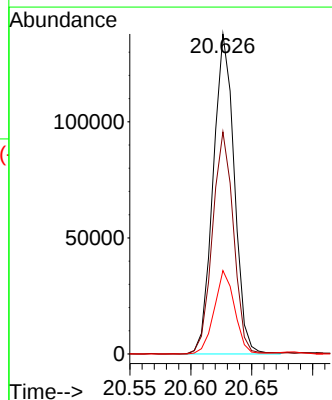
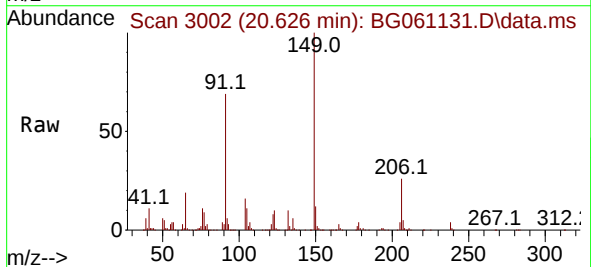
Instrument :
 BNA_G
 ClientSampleId :
 PB160665BS

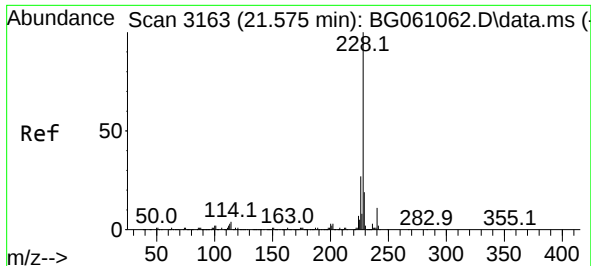
Tgt Ion:244 Resp: 968576
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.2 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 44.091 ng
 RT: 20.626 min Scan# 3002
 Delta R.T. -0.014 min
 Lab File: BG061131.D
 Acq: 7 May 2024 14:12

Tgt Ion:149 Resp: 166170
 Ion Ratio Lower Upper
 149 100
 91 69.4 57.4 86.2
 206 26.0 19.8 29.6

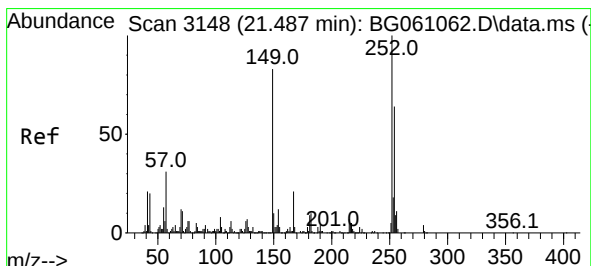
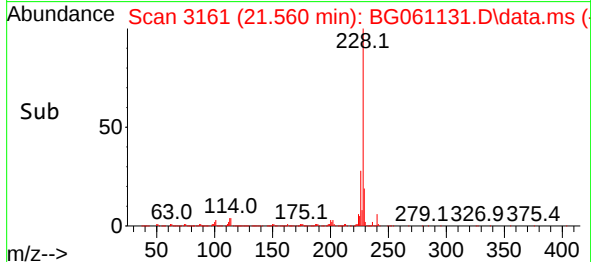
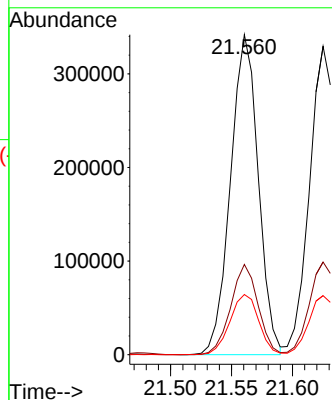
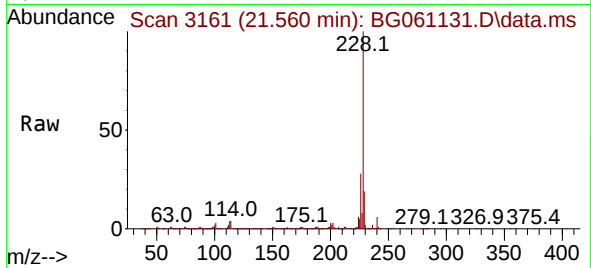




#81
Benzo(a)anthracene
Concen: 44.229 ng
RT: 21.560 min Scan# 3163
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

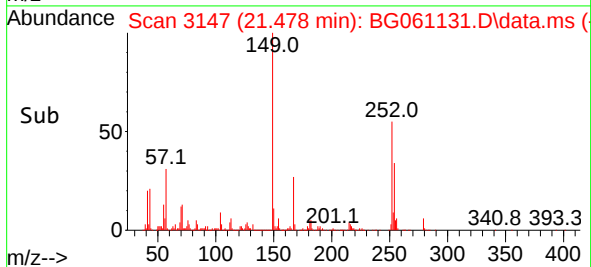
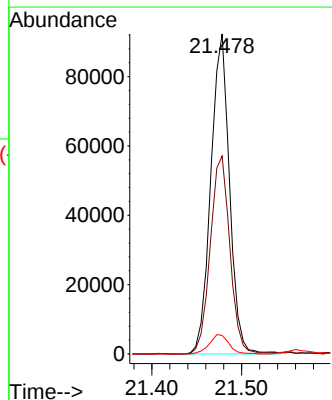
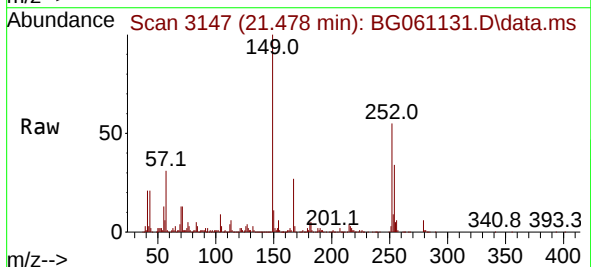
Instrument :
BNA_G
ClientSampleId :
PB160665BS

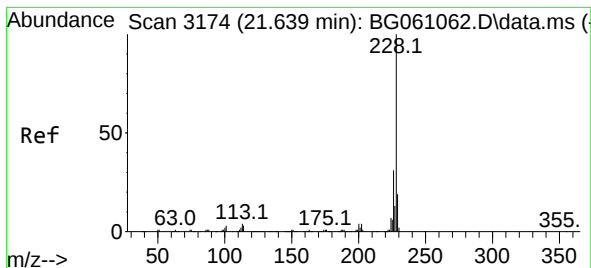
Tgt Ion:228 Resp: 542007
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 18.8 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 30.267 ng
RT: 21.478 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:252 Resp: 133484
Ion Ratio Lower Upper
252 100
254 61.8 51.3 76.9
126 5.8 5.2 7.8





#83

Chrysene

Concen: 44.254 ng

RT: 21.625 min Scan# 3174

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

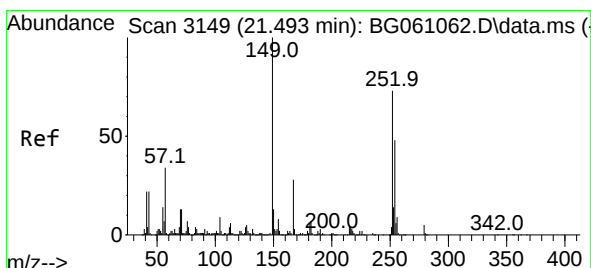
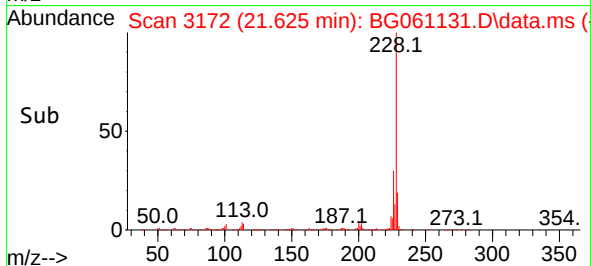
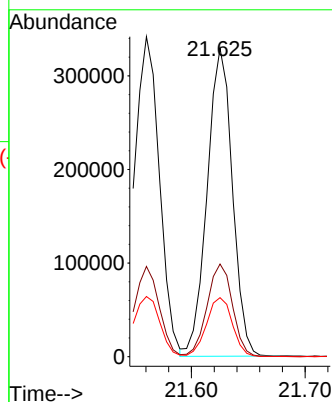
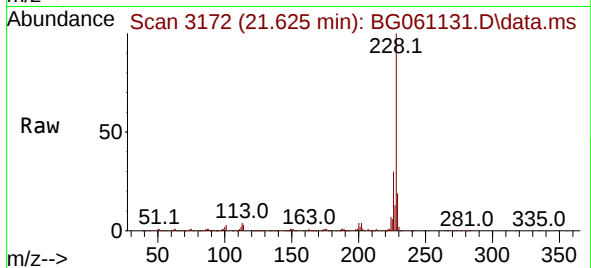
Tgt Ion:228 Resp: 508095

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.1 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.030 ng

RT: 21.478 min Scan# 3147

Delta R.T. -0.014 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

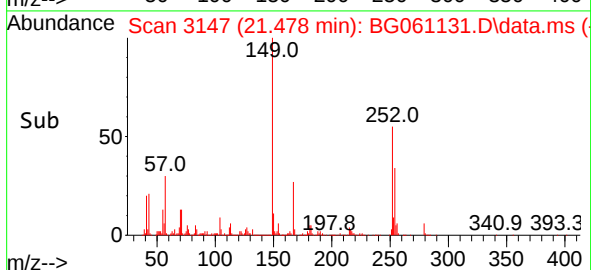
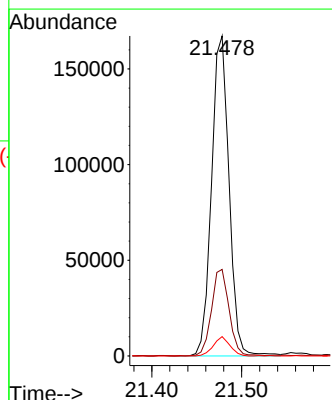
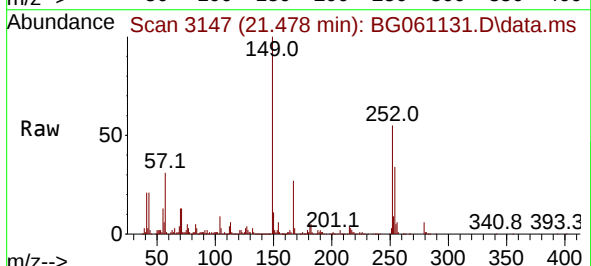
Tgt Ion:149 Resp: 226532

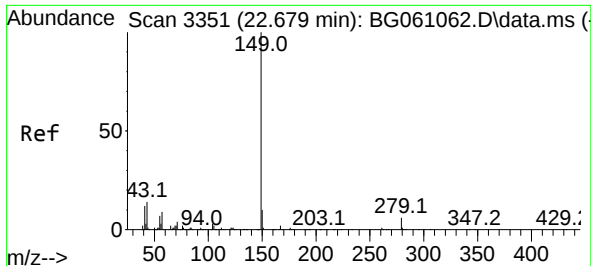
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 6.0 4.1 6.1

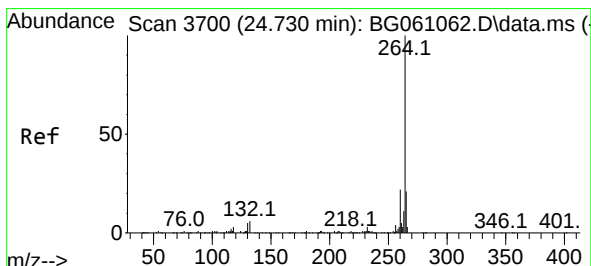
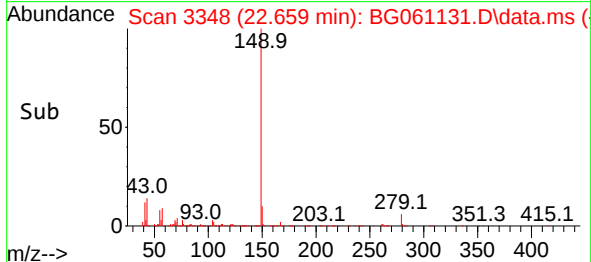
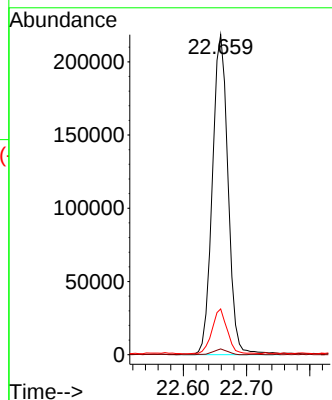
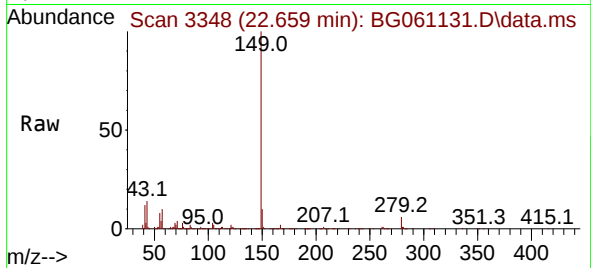




#85
Di-n-octyl phthalate
Concen: 43.475 ng
RT: 22.659 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

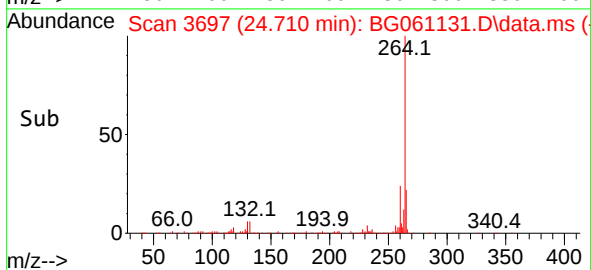
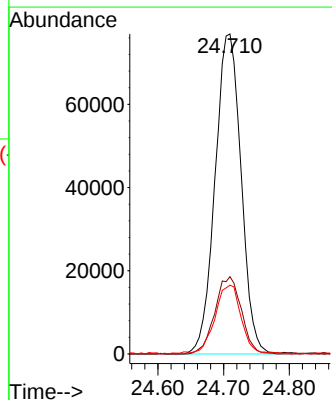
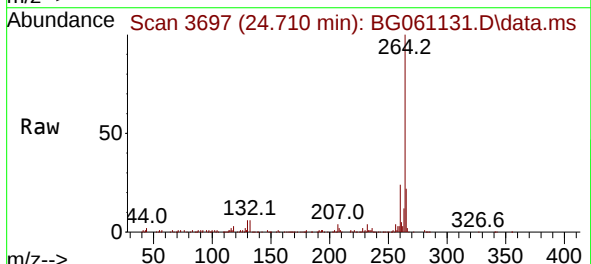
Instrument :
BNA_G
ClientSampleId :
PB160665BS

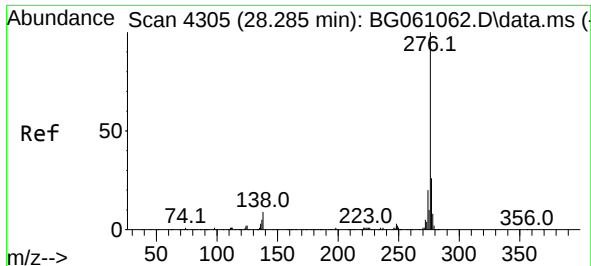
Tgt Ion:149 Resp: 377480
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.6 10.6 15.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.710 min Scan# 3697
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:264 Resp: 211227
Ion Ratio Lower Upper
264 100
260 24.1 17.7 26.5
265 21.5 16.4 24.6

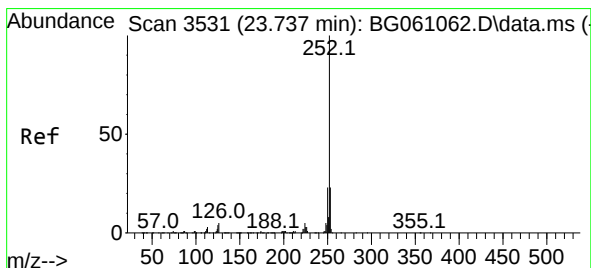
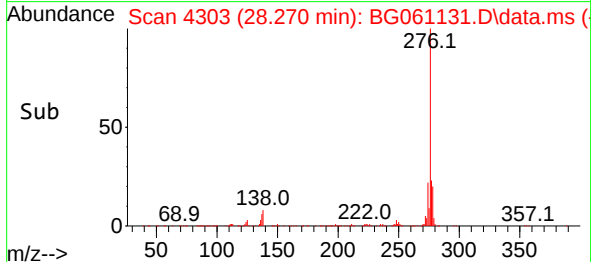
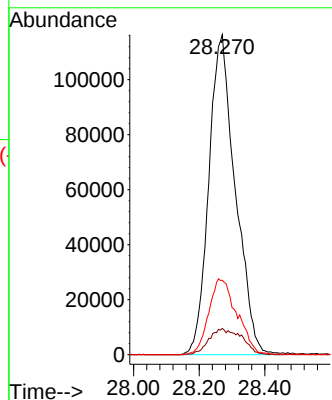
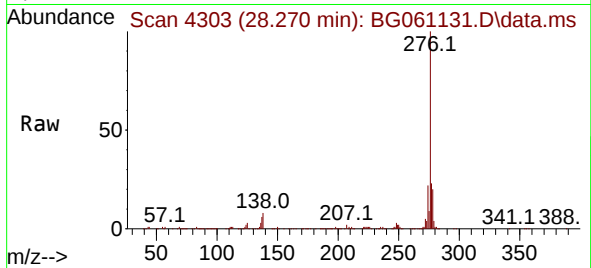




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.680 ng
RT: 28.270 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

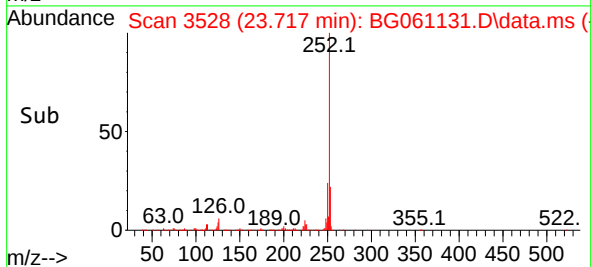
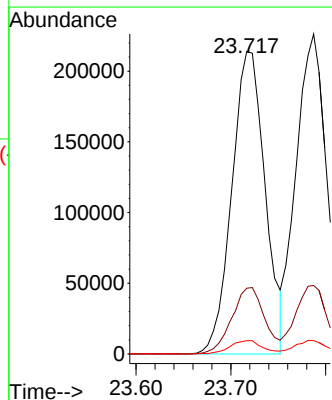
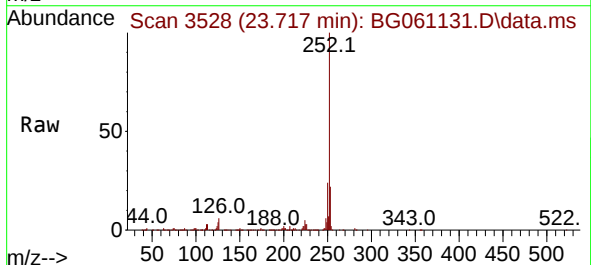
Instrument :
BNA_G
ClientSampleId :
PB160665BS

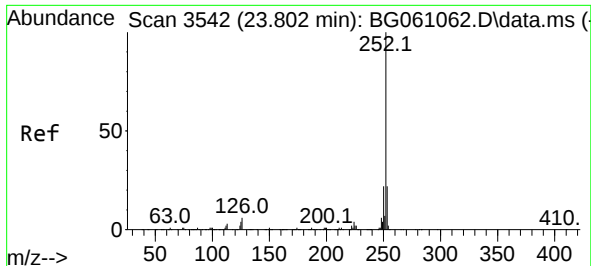
Tgt Ion:276 Resp: 653448
Ion Ratio Lower Upper
276 100
138 10.0 5.1 7.7#
277 25.3 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 44.205 ng
RT: 23.717 min Scan# 3528
Delta R.T. -0.020 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:252 Resp: 521776
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 4.4 3.4 5.0

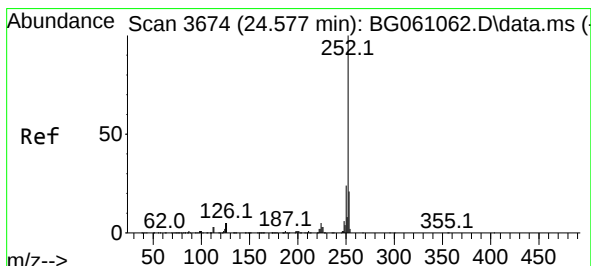
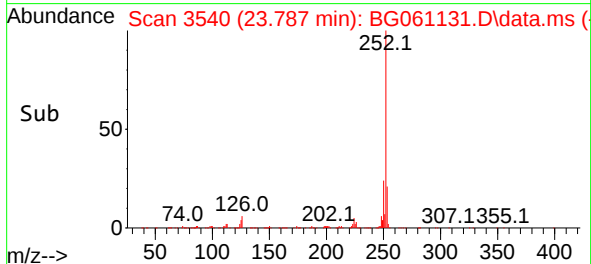
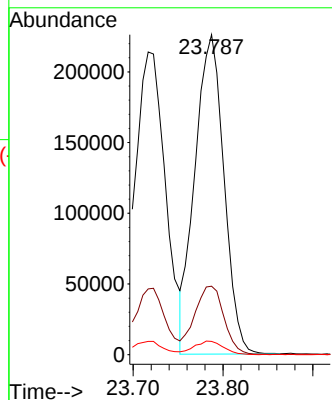
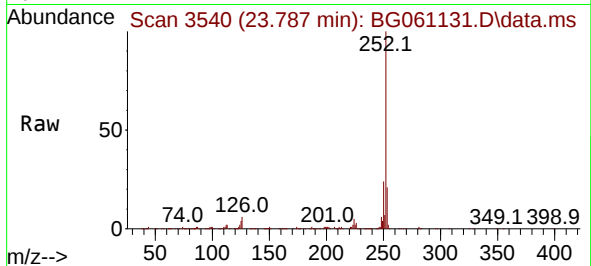




#89
Benzo(k)fluoranthene
Concen: 44.662 ng
RT: 23.787 min Scan# 3540
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

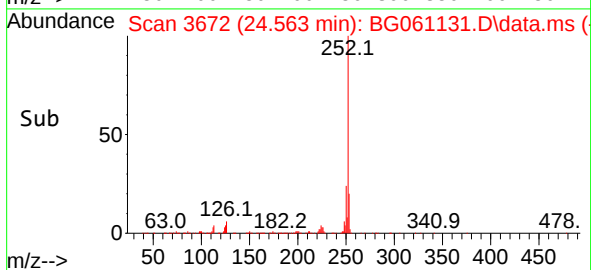
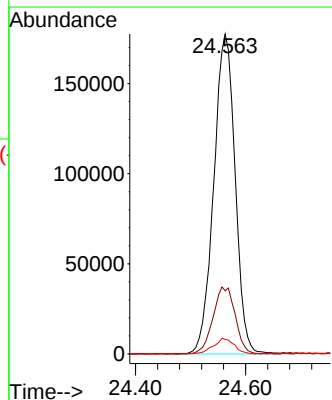
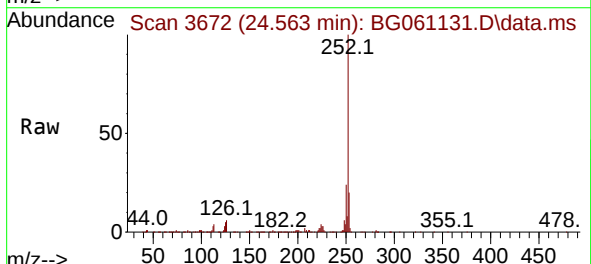
Instrument :
BNA_G
ClientSampleId :
PB160665BS

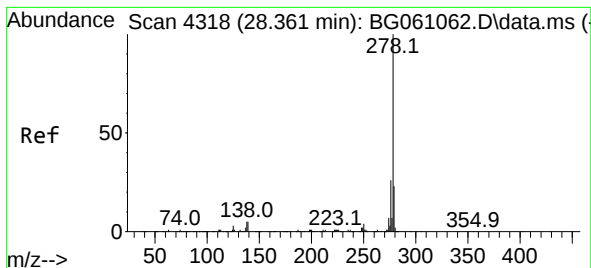
Tgt Ion:252 Resp: 507157
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 4.1 3.2 4.8



#90
Benzo(a)pyrene
Concen: 46.510 ng
RT: 24.563 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BG061131.D
Acq: 7 May 2024 14:12

Tgt Ion:252 Resp: 478278
Ion Ratio Lower Upper
252 100
253 19.8 16.9 25.3
125 4.5 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 45.928 ng

RT: 28.329 min Scan# 41

Delta R.T. -0.032 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB160665BS

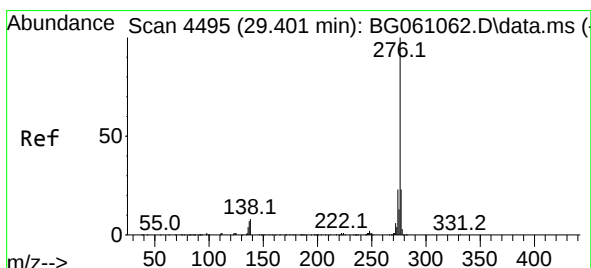
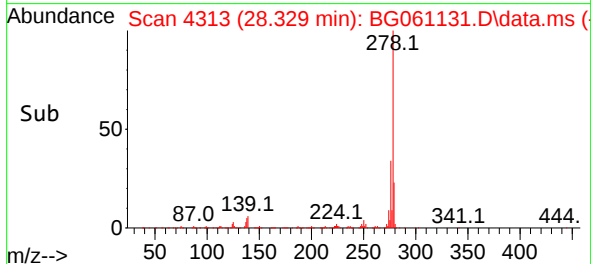
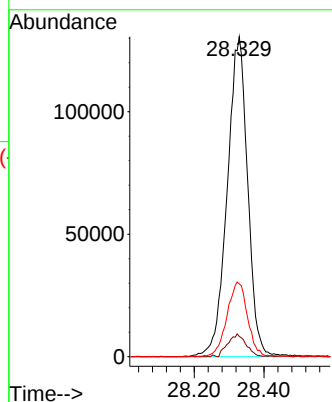
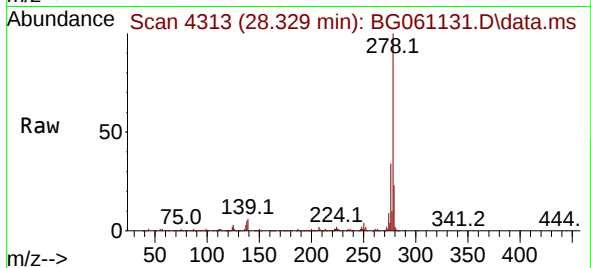
Tgt Ion:278 Resp: 532428

Ion Ratio Lower Upper

278 100

139 6.4 4.2 6.2#

279 22.8 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 43.430 ng

RT: 29.375 min Scan# 4491

Delta R.T. -0.026 min

Lab File: BG061131.D

Acq: 7 May 2024 14:12

Tgt Ion:276 Resp: 500322

Ion Ratio Lower Upper

276 100

277 24.9 18.2 27.4

138 9.0 6.2 9.2

