

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061187.D
 Acq On : 14 May 2024 12:49
 Operator : MA/JU
 Sample : PB160877BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BSD

Quant Time: May 14 13:31:04 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	7.934	152	19449	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	83167	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	72120	20.000	ng	-0.03
64) Phenanthrene-d10	17.305	188	186574	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	187459	20.000	ng	#-0.03
86) Perylene-d12	24.691	264	214338	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	169542	177.286	ng	-0.02
7) Phenol-d6	7.111	99	224032	158.360	ng	-0.02
23) Nitrobenzene-d5	9.086	82	144326	86.026	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	175993	122.086	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	403977	82.830	ng	-0.03
79) Terphenyl-d14	19.926	244	926524	82.201	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.433	88	12832	33.186	ng	89
3) Pyridine	3.821	79	38656	33.974	ng	97
4) n-Nitrosodimethylamine	3.739	42	45984	42.064	ng	# 91
6) Aniline	7.258	93	50804	36.225	ng	96
8) 2-Chlorophenol	7.499	128	61294	52.243	ng	93
9) Benzaldehyde	7.070	77	24354	30.210	ng	93
10) Phenol	7.141	94	76304	53.038	ng	88
11) bis(2-Chloroethyl)ether	7.352	93	47562	47.855	ng	94
12) 1,3-Dichlorobenzene	7.816	146	62752	45.370	ng	98
13) 1,4-Dichlorobenzene	7.963	146	58252	40.750	ng	89
14) 1,2-Dichlorobenzene	8.281	146	63255	45.865	ng	93
15) Benzyl Alcohol	8.169	79	62159	48.707	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.445	45	101767	47.188	ng	97
17) 2-Methylphenol	8.381	107	50421	49.179	ng	92
18) Hexachloroethane	9.009	117	22322	43.762	ng	94
19) n-Nitroso-di-n-propyla...	8.733	70	44581	42.109	ng	96
20) 3+4-Methylphenols	8.704	107	73763	49.868	ng	92
22) Acetophenone	8.751	105	97255	46.956	ng	# 97
24) Nitrobenzene	9.127	77	68826	41.935	ng	99
25) Isophorone	9.650	82	122942	39.643	ng	99
26) 2-Nitrophenol	9.838	139	36371	46.773	ng	97
27) 2,4-Dimethylphenol	9.902	122	46490	51.857	ng	93
28) bis(2-Chloroethoxy)met...	10.131	93	67086	44.077	ng	98
29) 2,4-Dichlorophenol	10.384	162	65979	46.971	ng	99
30) 1,2,4-Trichlorobenzene	10.590	180	72380	42.765	ng	96
31) Naphthalene	10.778	128	179078	41.431	ng	99
32) Benzoic acid	10.067	122	26532	25.601	ng	96
33) 4-Chloroaniline	10.883	127	40259	23.355	ng	98
34) Hexachlorobutadiene	11.060	225	56554	38.943	ng	94
35) Caprolactam	11.659	113	14916	29.487	ng	94
36) 4-Chloro-3-methylphenol	12.023	107	72496	42.801	ng	95
37) 2-Methylnaphthalene	12.382	142	128406	39.644	ng	100
38) 1-Methylnaphthalene	12.599	142	124048	38.042	ng	96
40) 1,2,4,5-Tetrachloroben...	12.752	216	106758	44.356	ng	98
41) Hexachlorocyclopentadiene	12.728	237	99401	107.883	ng	90
43) 2,4,6-Trichlorophenol	12.999	196	66548	43.067	ng	98

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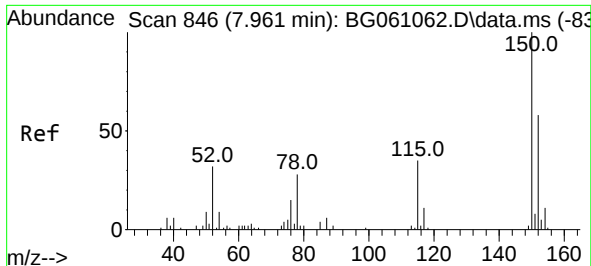
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	72364	41.378	ng	# 91
46) 1,1'-Biphenyl	13.392	154	198210	42.863	ng	99
47) 2-Chloronaphthalene	13.439	162	155341	41.952	ng	98
48) 2-Nitroaniline	13.639	65	61671	44.883	ng	97
49) Acenaphthylene	14.285	152	265050	46.605	ng	97
50) Dimethylphthalate	14.021	163	231253	41.514	ng	100
51) 2,6-Dinitrotoluene	14.139	165	48959	41.090	ng	93
52) Acenaphthene	14.620	154	146042	41.164	ng	99
53) 3-Nitroaniline	14.468	138	31063	28.492	ng	# 97
54) 2,4-Dinitrophenol	14.685	184	61671	73.209	ng	97
55) Dibenzofuran	14.961	168	254658	42.496	ng	97
56) 4-Nitrophenol	14.802	139	69030	78.348	ng	97
57) 2,4-Dinitrotoluene	14.932	165	76108	43.174	ng	86
58) Fluorene	15.607	166	217723	41.987	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.190	232	76050	42.244	ng	99
60) Diethylphthalate	15.384	149	230306	40.999	ng	100
61) 4-Chlorophenyl-phenyle...	15.602	204	129531	41.601	ng	95
62) 4-Nitroaniline	15.631	138	48623	41.121	ng	96
63) Azobenzene	15.895	77	198205	45.326	ng	96
65) 4,6-Dinitro-2-methylph...	15.701	198	51801	44.748	ng	94
66) n-Nitrosodiphenylamine	15.819	169	201172	43.481	ng	97
67) 4-Bromophenyl-phenylether	16.495	248	93912	42.729	ng	95
68) Hexachlorobenzene	16.618	284	112524	41.133	ng	98
69) Atrazine	16.771	200	89571	46.944	ng	94
70) Pentachlorophenol	16.970	266	112256	66.795	ng	95
71) Phenanthrene	17.352	178	374281	43.873	ng	98
72) Anthracene	17.441	178	379603	44.594	ng	98
73) Carbazole	17.711	167	330166	44.113	ng	99
74) Di-n-butylphthalate	18.275	149	389401	43.754	ng	100
75) Fluoranthene	19.362	202	494130	42.280	ng	98
77) Benzidine	19.544	184	104458	30.373	ng	99
78) Pyrene	19.726	202	512921	43.038	ng	99
80) Butylbenzylphthalate	20.619	149	165085	43.760	ng	95
81) Benzo(a)anthracene	21.547	228	542424	44.219	ng	99
82) 3,3'-Dichlorobenzidine	21.465	252	136036	30.815	ng	98
83) Chrysene	21.612	228	508157	44.215	ng	99
84) Bis(2-ethylhexyl)phtha...	21.465	149	228252	46.334	ng	99
85) Di-n-octyl phthalate	22.640	149	387081	44.536	ng	99
87) Indeno(1,2,3-cd)pyrene	28.228	276	662213	46.620	ng	99
88) Benzo(b)fluoranthene	23.698	252	522836	43.652	ng	99
89) Benzo(k)fluoranthene	23.768	252	521624	45.270	ng	99
90) Benzo(a)pyrene	24.544	252	491833	47.134	ng	97
91) Dibenzo(a,h)anthracene	28.293	278	540307	45.931	ng	# 97
92) Benzo(g,h,i)perylene	29.338	276	507472	43.411	ng	98

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

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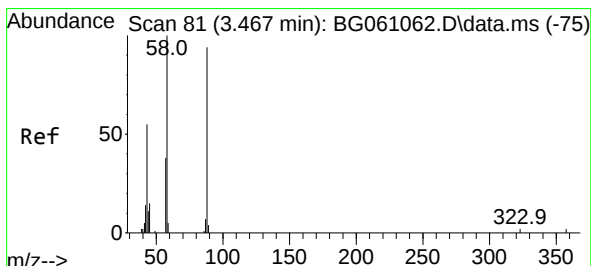
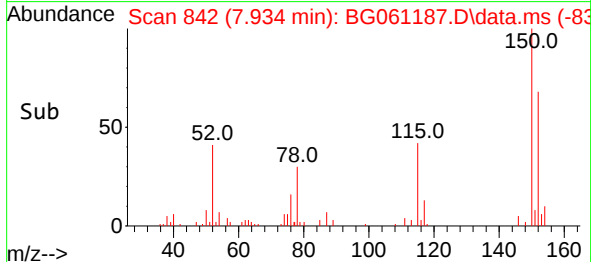
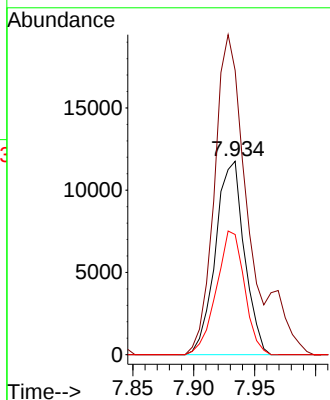
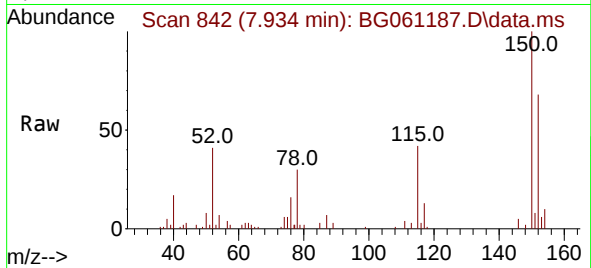




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 84
 Delta R.T. -0.027 min
 Lab File: BG061187.D
 Acq: 14 May 2024 12:49

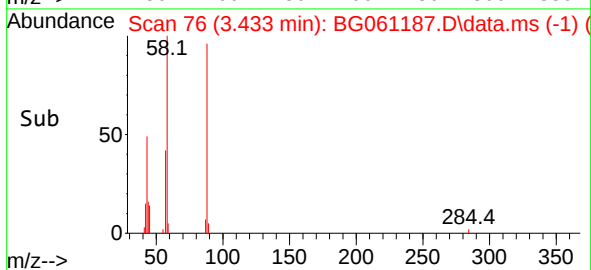
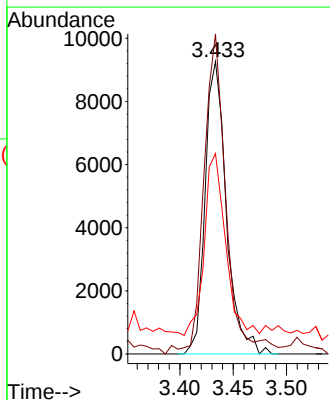
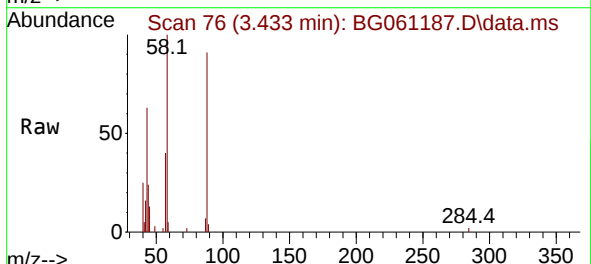
Instrument :
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Tgt Ion:152 Resp: 19449
 Ion Ratio Lower Upper
 152 100
 150 146.9 138.3 207.5
 115 62.1 48.0 72.0



#2
 1,4-Dioxane
 Concen: 33.186 ng
 RT: 3.433 min Scan# 76
 Delta R.T. -0.033 min
 Lab File: BG061187.D
 Acq: 14 May 2024 12:49

Tgt Ion: 88 Resp: 12832
 Ion Ratio Lower Upper
 88 100
 58 114.3 81.2 121.8
 43 61.7 45.0 67.4

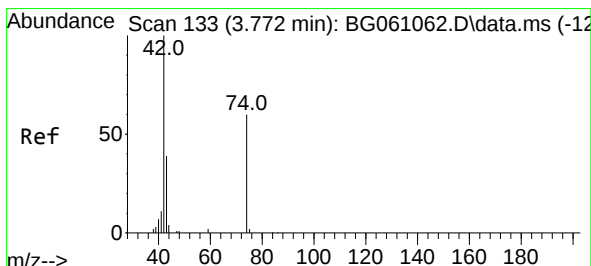
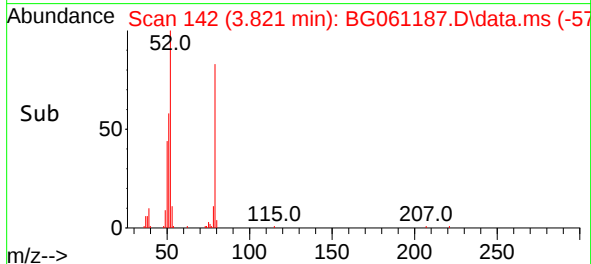
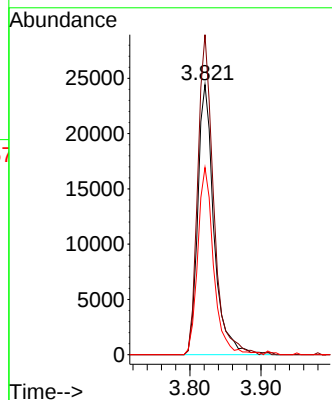
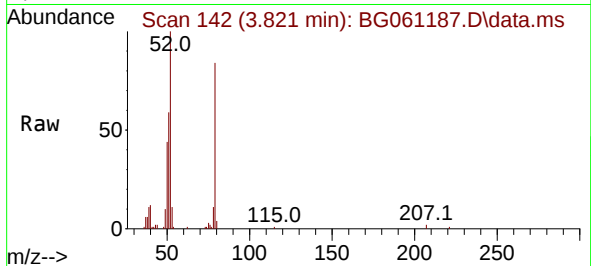




#3
Pyridine
Concen: 33.974 ng
RT: 3.821 min Scan# 14
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

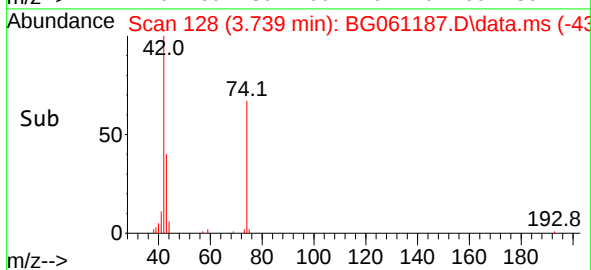
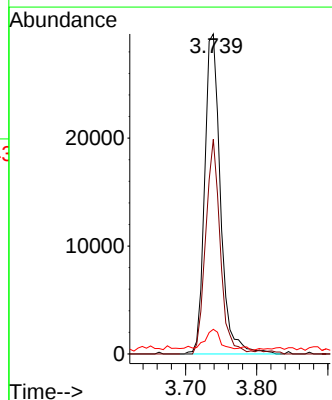
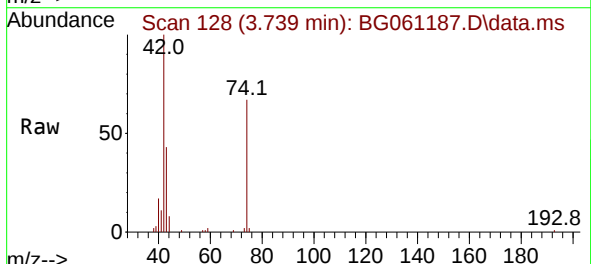
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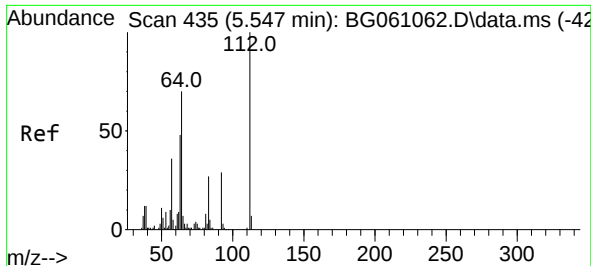
Tgt Ion: 79 Resp: 38656
Ion Ratio Lower Upper
79 100
52 118.5 91.6 137.4
51 69.4 57.0 85.4



#4
n-Nitrosodimethylamine
Concen: 42.064 ng
RT: 3.739 min Scan# 128
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion: 42 Resp: 45984
Ion Ratio Lower Upper
42 100
74 67.1 47.8 71.8
44 7.7 4.7 7.1#

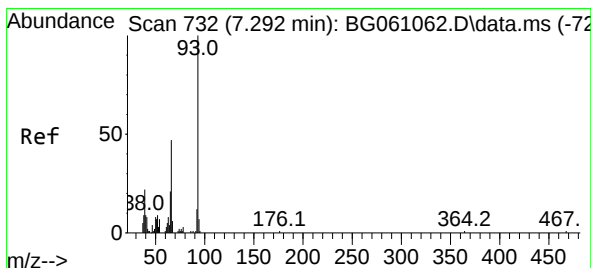
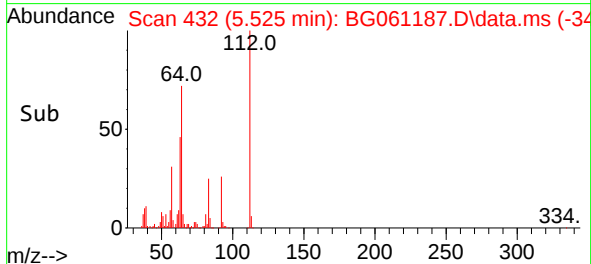
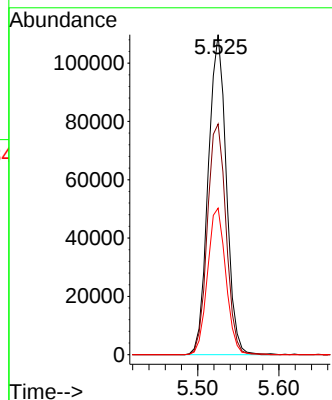
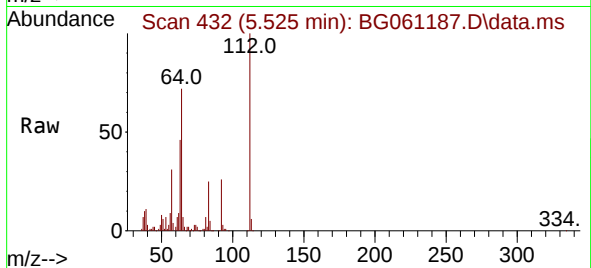




#5
2-Fluorophenol
Concen: 177.286 ng
RT: 5.525 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

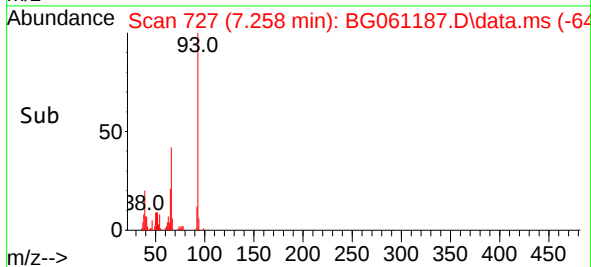
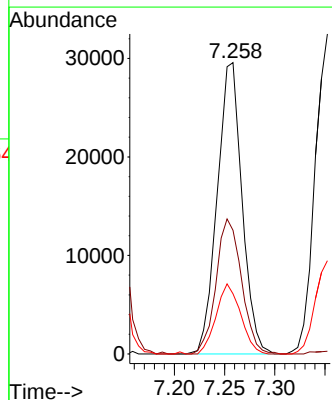
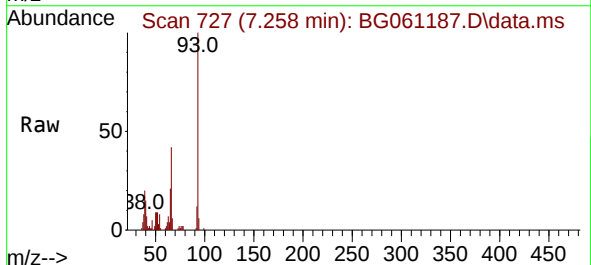
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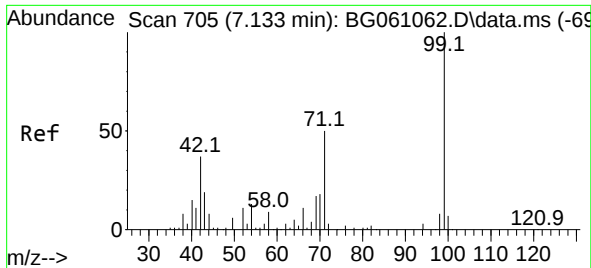
Tgt Ion:112 Resp: 169542
Ion Ratio Lower Upper
112 100
64 72.1 55.7 83.5
63 45.8 38.1 57.1



#6
Aniline
Concen: 36.225 ng
RT: 7.258 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion: 93 Resp: 50804
Ion Ratio Lower Upper
93 100
66 42.4 37.4 56.0
65 20.6 16.6 24.8

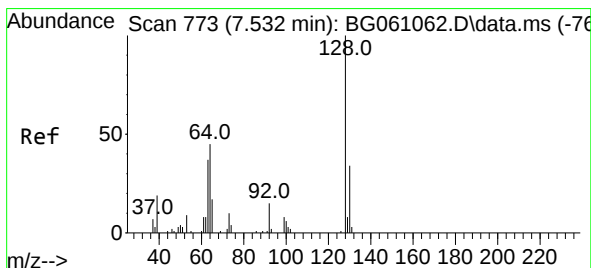
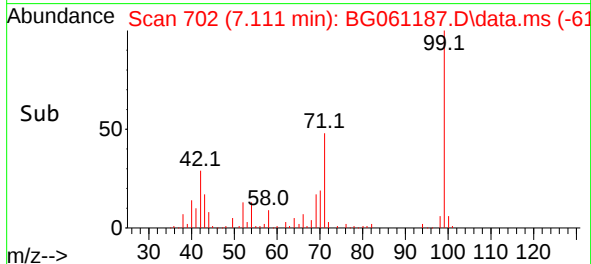
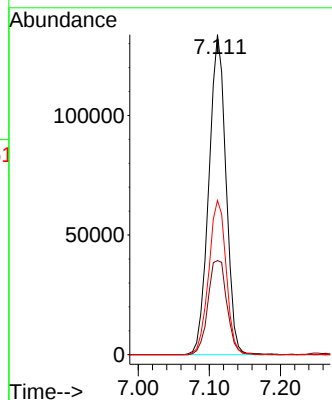
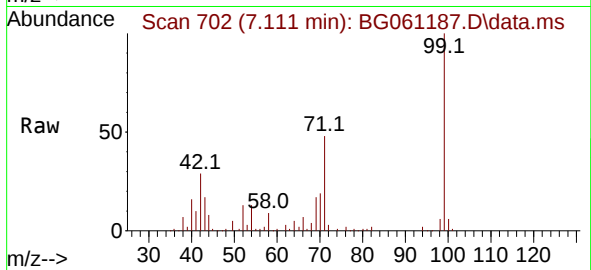




#7
Phenol-d6
Concen: 158.360 ng
RT: 7.111 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

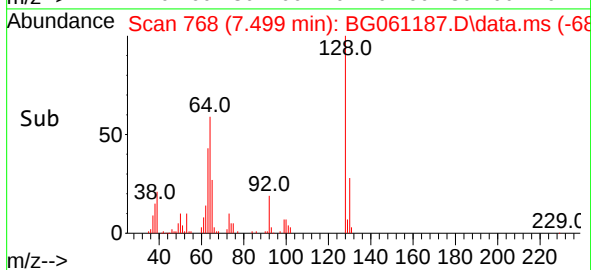
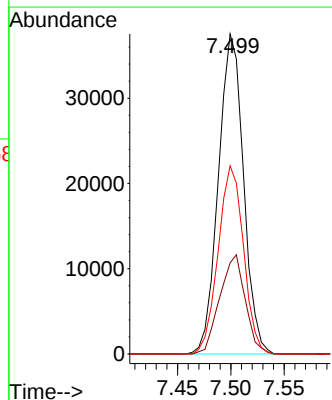
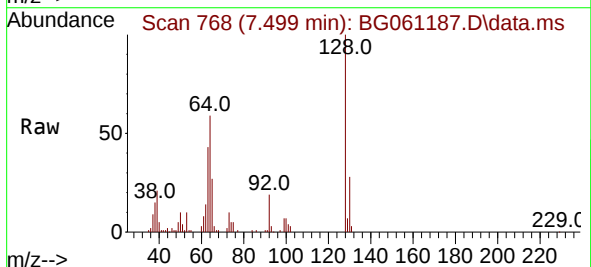
Instrument :
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Tgt Ion: 99 Resp: 224032
Ion Ratio Lower Upper
99 100
42 29.4 29.2 43.8
71 48.2 39.7 59.5



#8
2-Chlorophenol
Concen: 52.243 ng
RT: 7.499 min Scan# 768
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:128 Resp: 61294
Ion Ratio Lower Upper
128 100
130 28.5 14.1 54.1
64 58.8 34.8 74.8

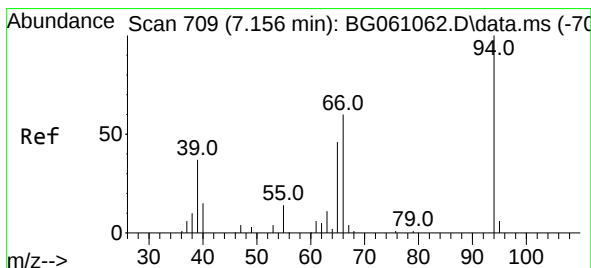
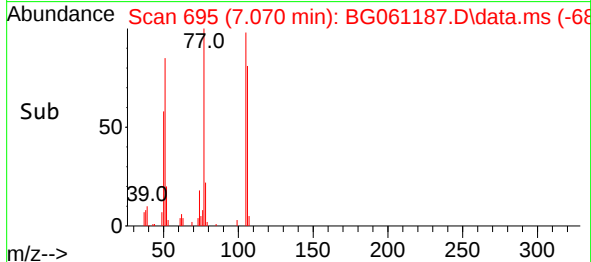
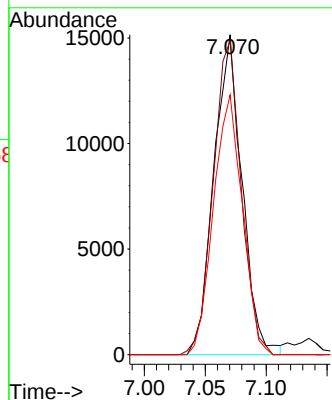
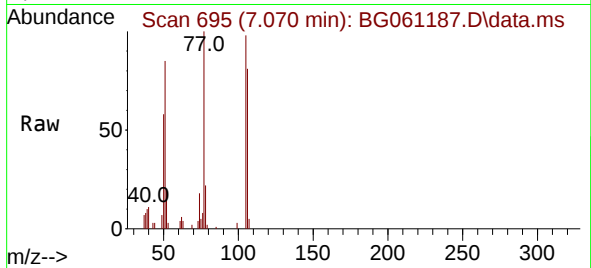




#9
Benzaldehyde
Concen: 30.210 ng
RT: 7.070 min Scan# 61
Delta R.T. -0.034 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

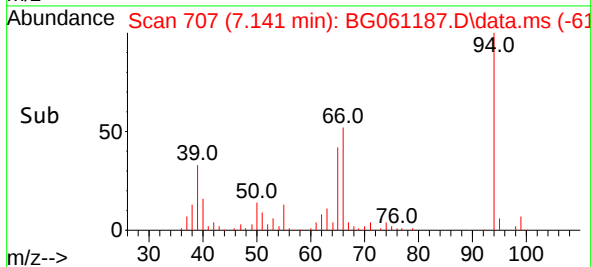
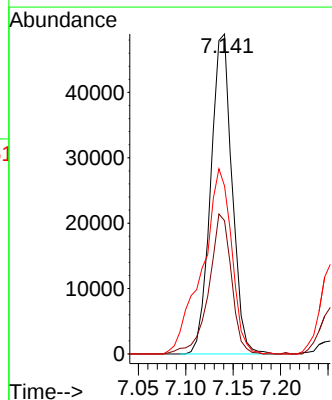
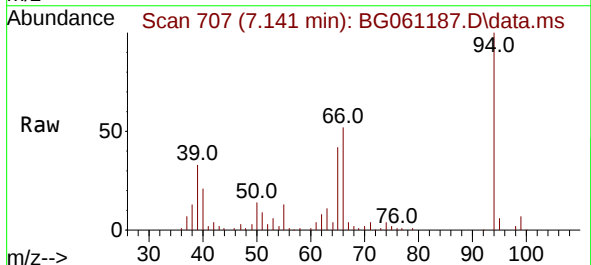
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

Tgt Ion: 77 Resp: 24354
Ion Ratio Lower Upper
77 100
105 98.2 76.0 116.0
106 81.2 72.3 112.3



#10
Phenol
Concen: 53.038 ng
RT: 7.141 min Scan# 707
Delta R.T. -0.016 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion: 94 Resp: 76304
Ion Ratio Lower Upper
94 100
65 41.6 26.8 66.8
66 52.5 44.7 84.7

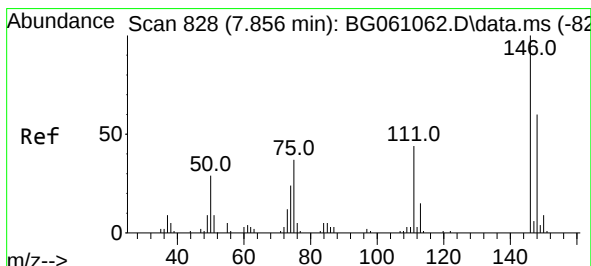
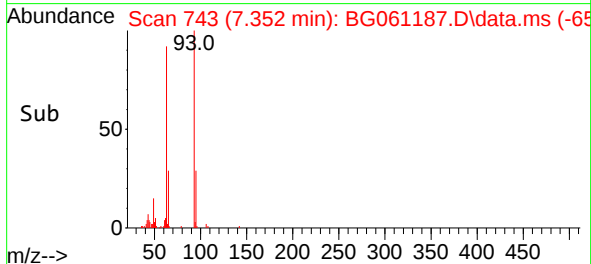
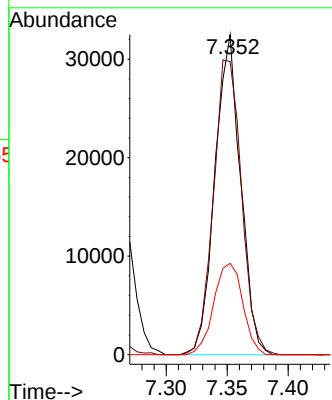
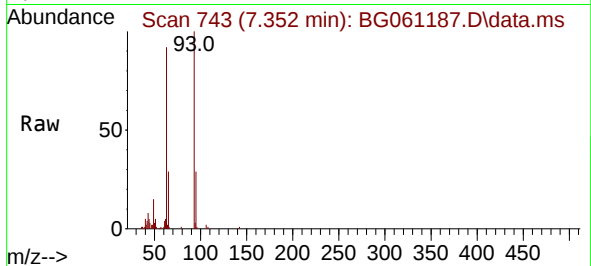




#11
bis(2-Chloroethyl)ether
Concen: 47.855 ng
RT: 7.352 min Scan# 748
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

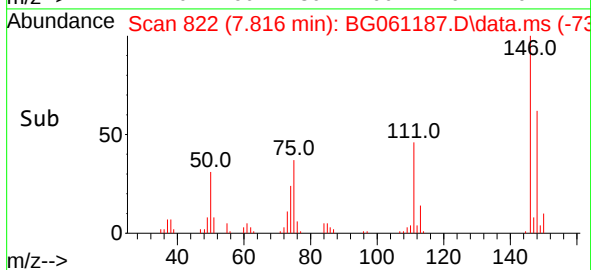
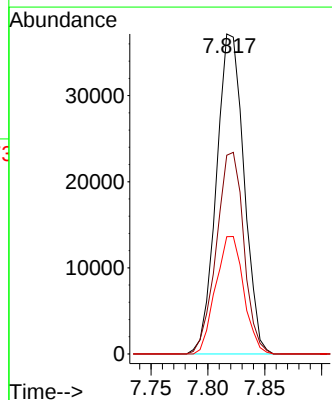
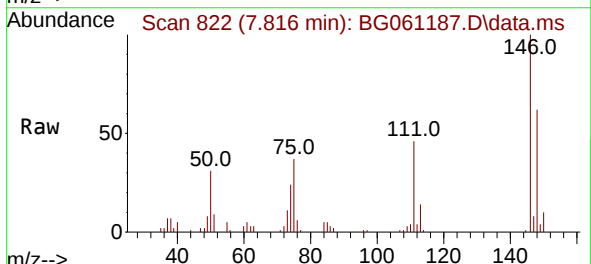
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

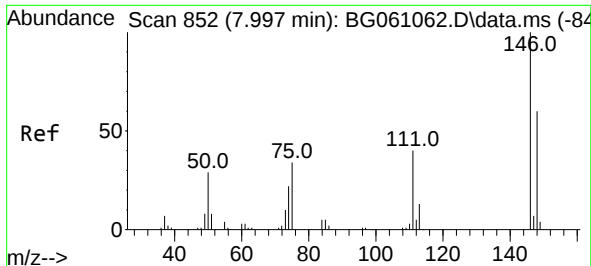
Tgt Ion: 93 Resp: 47562
Ion Ratio Lower Upper
93 100
63 91.7 76.8 116.8
95 28.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 45.370 ng
RT: 7.816 min Scan# 822
Delta R.T. -0.039 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:146 Resp: 62752
Ion Ratio Lower Upper
146 100
148 62.1 48.0 72.0
75 36.7 29.5 44.3

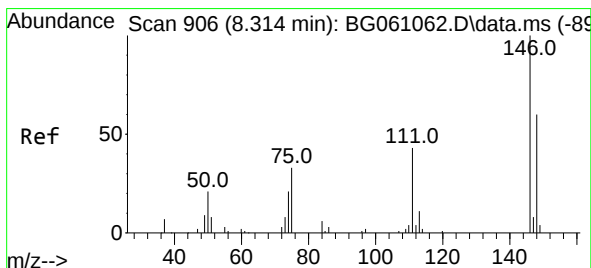
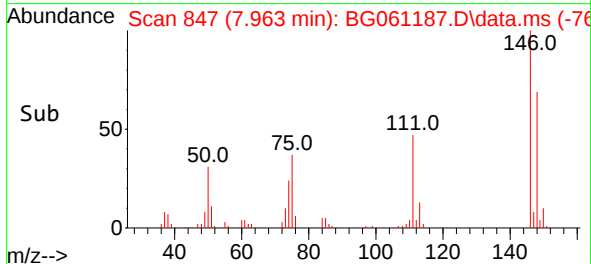
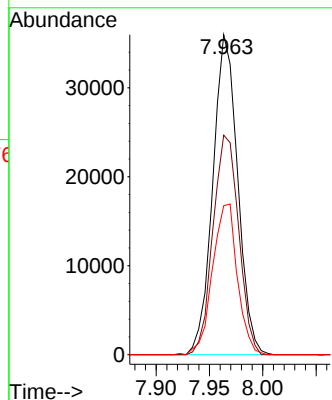
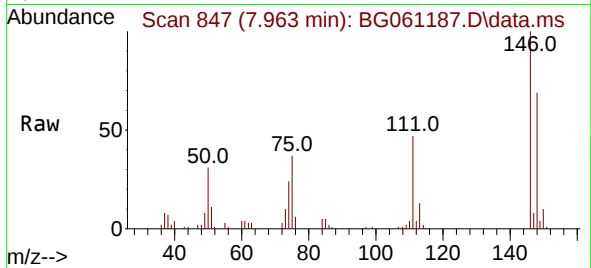




#13
1,4-Dichlorobenzene
Concen: 40.750 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

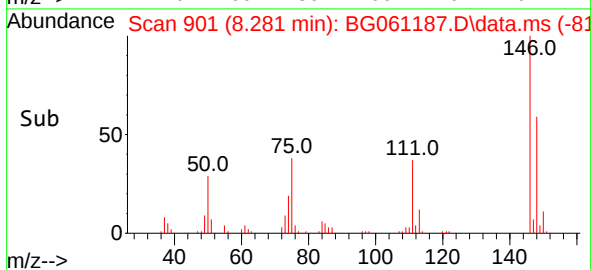
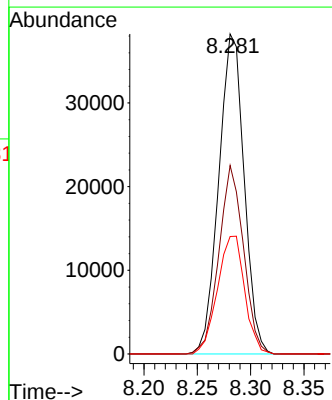
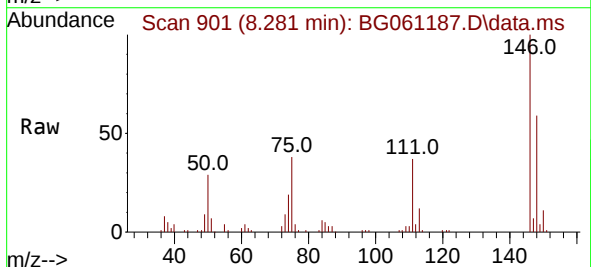
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

Tgt Ion:146 Resp: 58252
Ion Ratio Lower Upper
146 100
148 68.6 48.1 72.1
111 46.5 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 45.865 ng
RT: 8.281 min Scan# 901
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:146 Resp: 63255
Ion Ratio Lower Upper
146 100
148 58.9 48.2 72.2
111 36.7 36.2 54.2

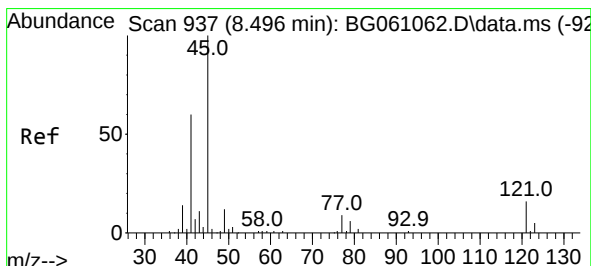
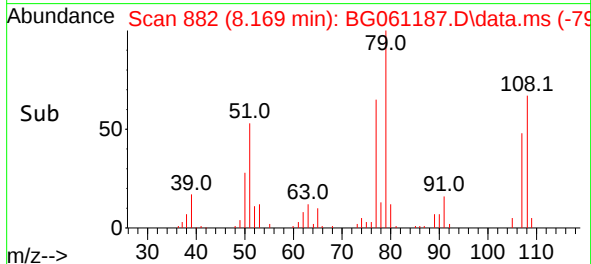
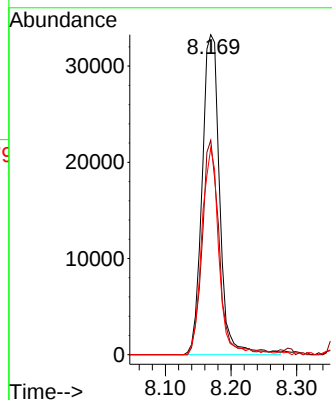
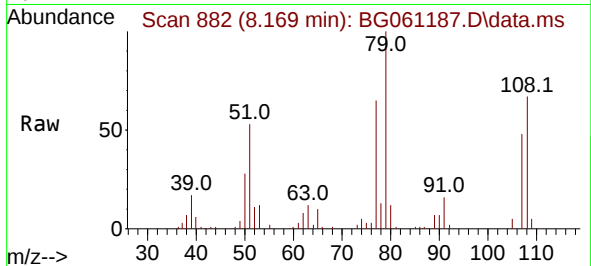




#15
Benzyl Alcohol
Concen: 48.707 ng
RT: 8.169 min Scan# 811
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

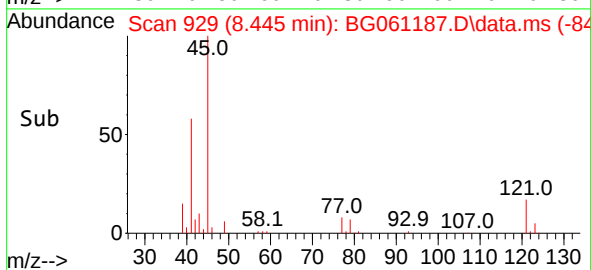
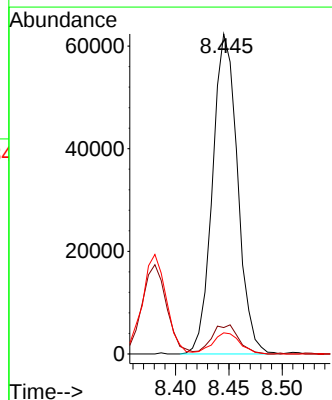
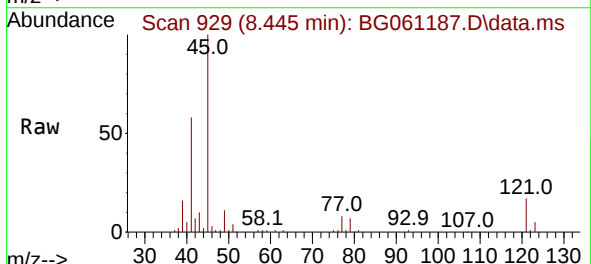
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

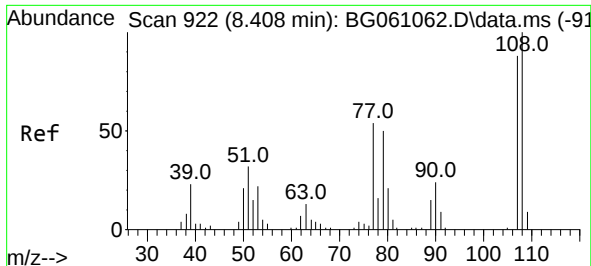
Tgt Ion: 79 Resp: 62159
Ion Ratio Lower Upper
79 100
108 67.0 51.1 76.7
77 64.6 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.188 ng
RT: 8.445 min Scan# 929
Delta R.T. -0.051 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion: 45 Resp: 101767
Ion Ratio Lower Upper
45 100
77 8.3 0.0 30.2
79 6.6 0.0 26.5

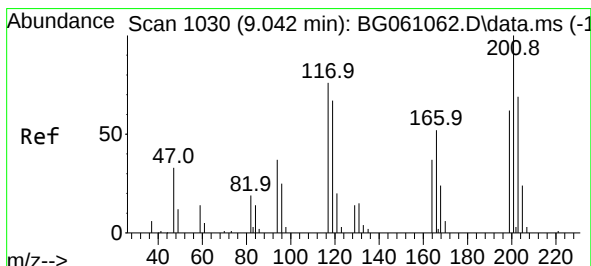
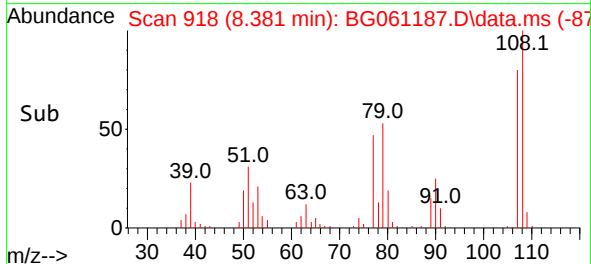
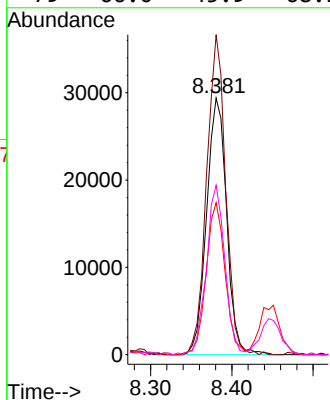
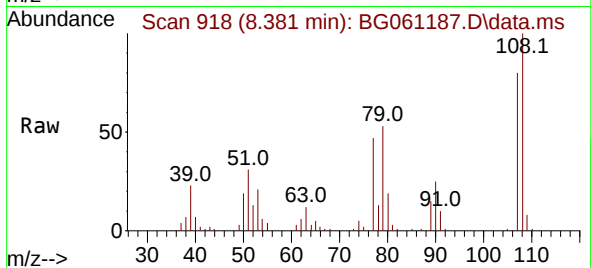




#17
2-Methylphenol
Concen: 49.179 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

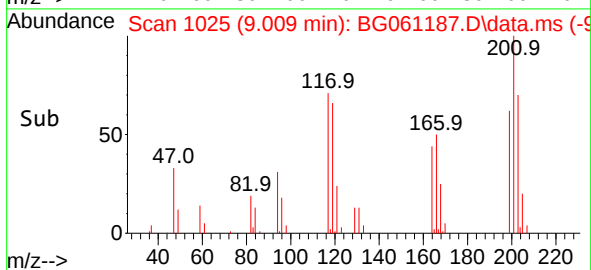
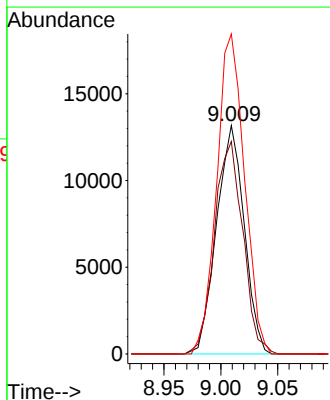
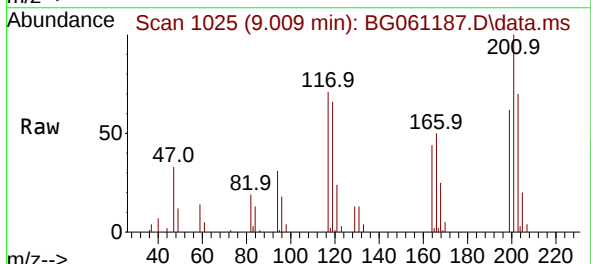
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

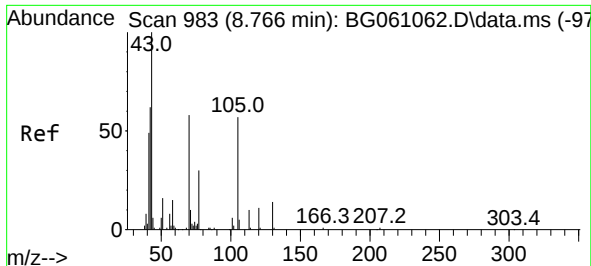
Tgt Ion:	107	Resp:	50421
Ion	Ratio	Lower	Upper
107	100		
108	124.7	91.4	137.2
77	59.2	49.4	74.2
79	66.0	45.9	68.9



#18
Hexachloroethane
Concen: 43.762 ng
RT: 9.009 min Scan# 1025
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:	117	Resp:	22322
Ion	Ratio	Lower	Upper
117	100		
119	93.0	71.4	107.0
201	140.1	105.8	158.8

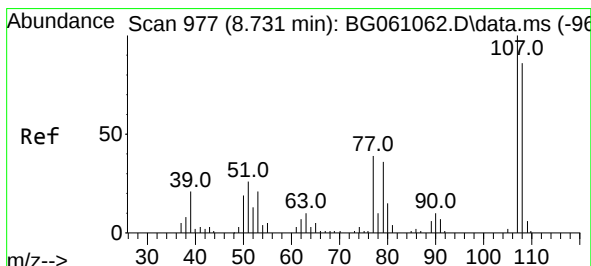
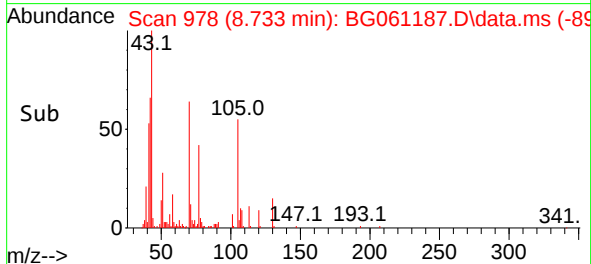
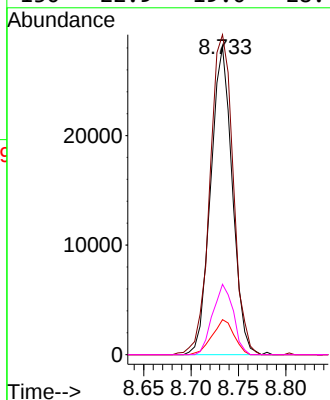
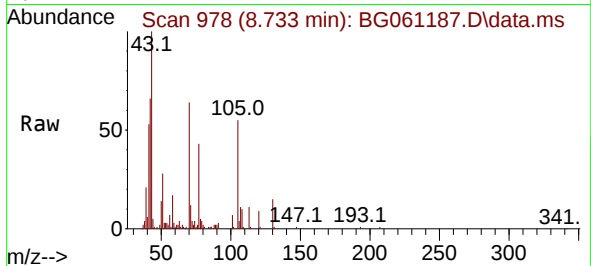




#19
n-Nitroso-di-n-propylamine
Concen: 42.109 ng
RT: 8.733 min Scan# 91
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

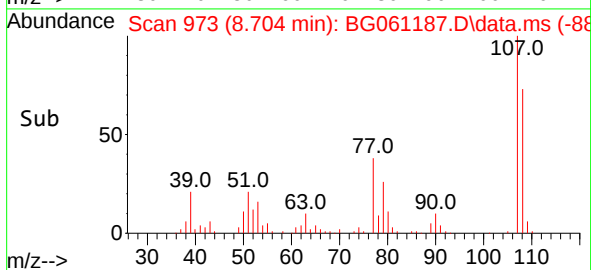
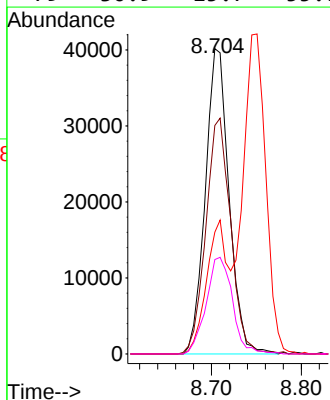
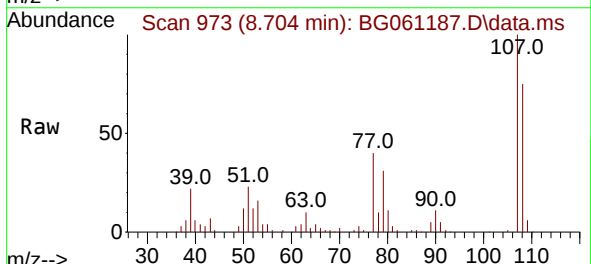
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

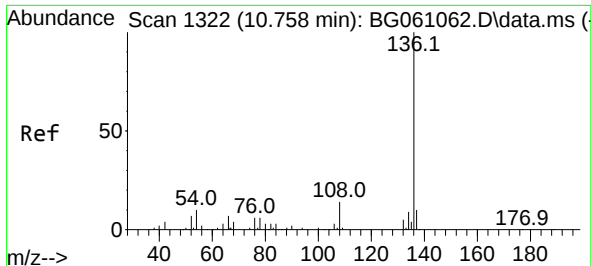
Tgt Ion:	70	Resp:	44581
Ion	Ratio	Lower	Upper
70	100		
42	103.9	86.4	129.6
101	11.4	7.8	11.8
130	22.9	19.0	28.4



#20
3+4-Methylphenols
Concen: 49.868 ng
RT: 8.704 min Scan# 973
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:	107	Resp:	73763
Ion	Ratio	Lower	Upper
107	100		
108	74.9	65.7	105.7
77	39.9	19.4	59.4
79	30.9	15.7	55.7

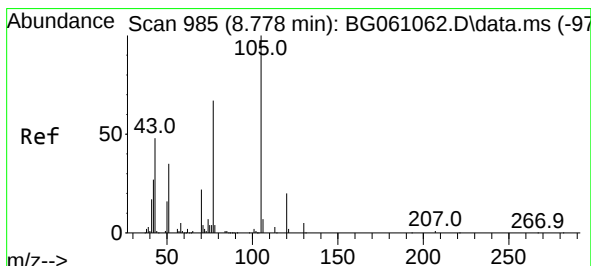
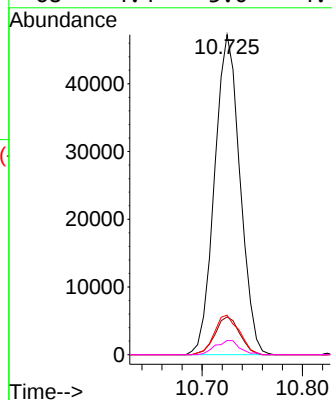
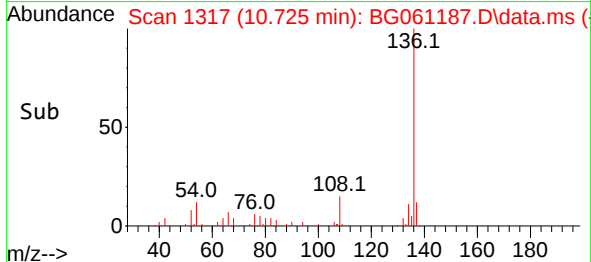
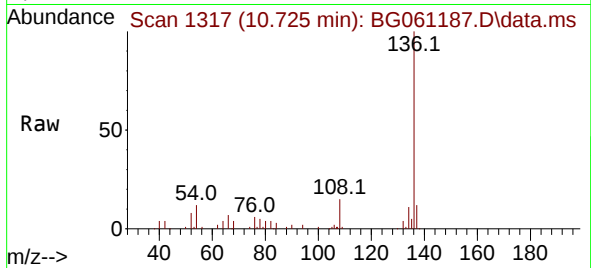




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

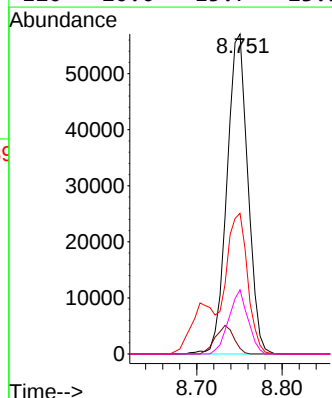
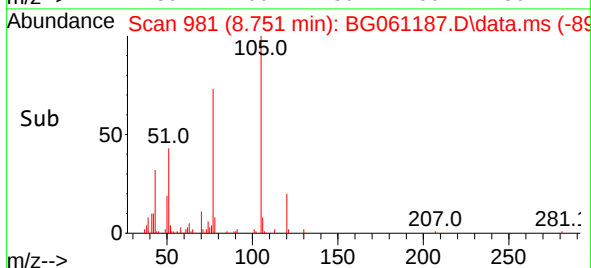
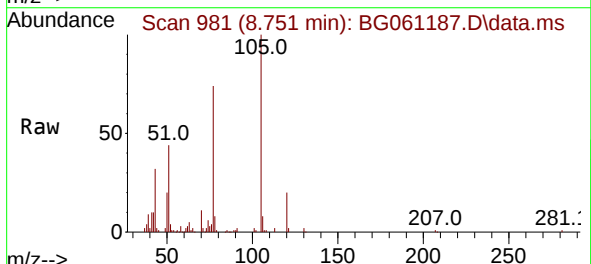
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

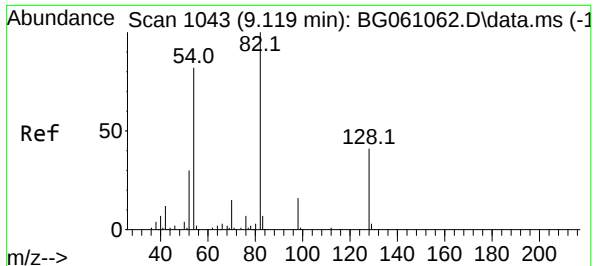
Tgt Ion:136 Resp: 83167
Ion Ratio Lower Upper
136 100
137 11.8 7.8 11.6#
54 12.4 8.1 12.1#
68 4.4 3.0 4.4



#22
Acetophenone
Concen: 46.956 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:105 Resp: 97255
Ion Ratio Lower Upper
105 100
71 1.8 3.3 4.9#
51 44.0 36.7 55.1
120 20.0 15.7 23.5





#23

Nitrobenzene-d5

Concen: 86.026 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

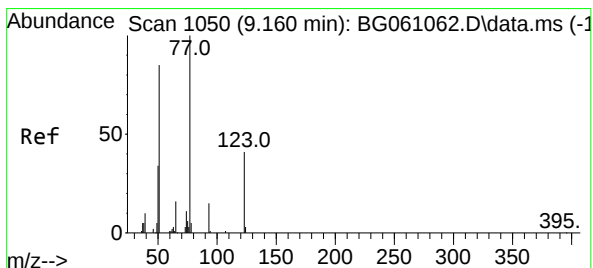
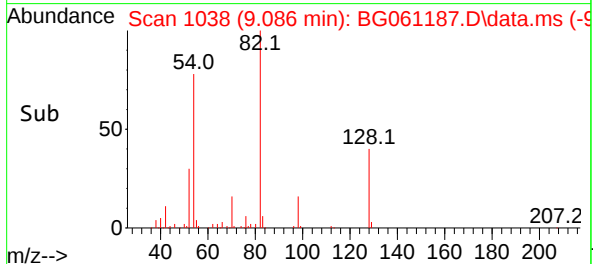
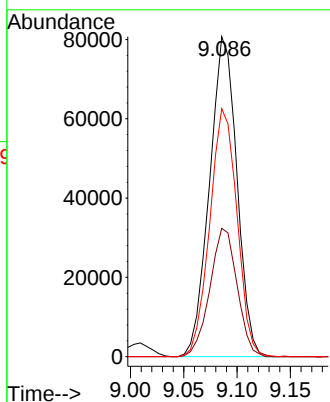
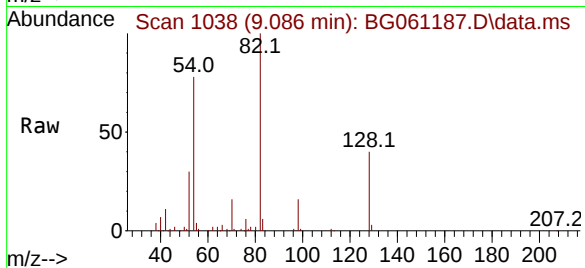
Tgt Ion: 82 Resp: 144326

Ion Ratio Lower Upper

82 100

128 40.1 32.7 49.1

54 77.5 65.6 98.4



#24

Nitrobenzene

Concen: 41.935 ng

RT: 9.127 min Scan# 1045

Delta R.T. -0.033 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

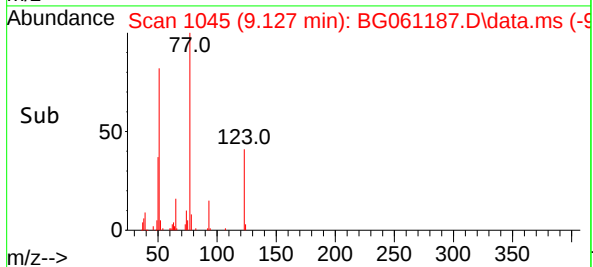
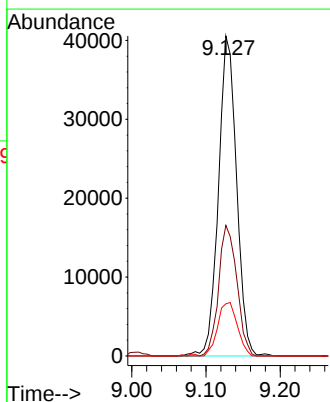
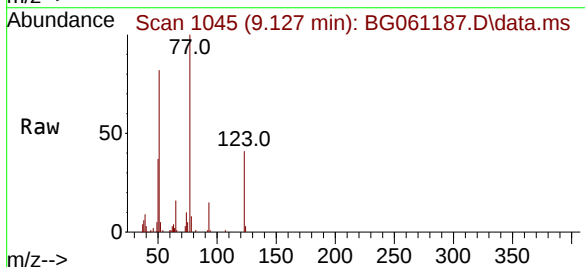
Tgt Ion: 77 Resp: 68826

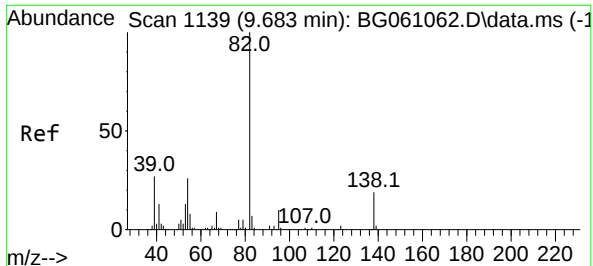
Ion Ratio Lower Upper

77 100

123 40.8 33.1 49.7

65 16.3 13.1 19.7

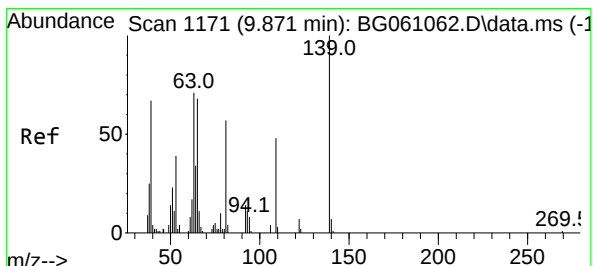
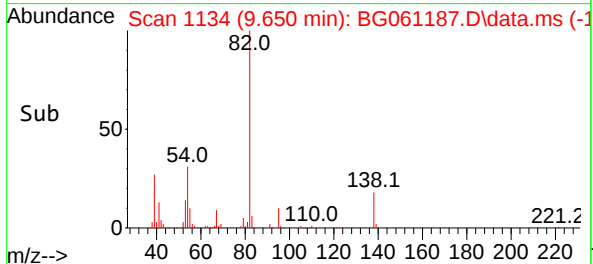
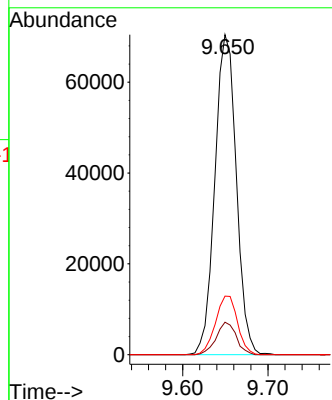
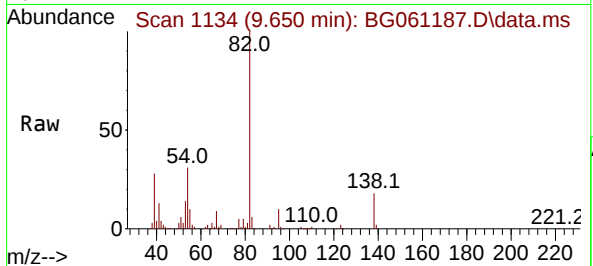




#25
Isophorone
Concen: 39.643 ng
RT: 9.650 min Scan# 1139
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

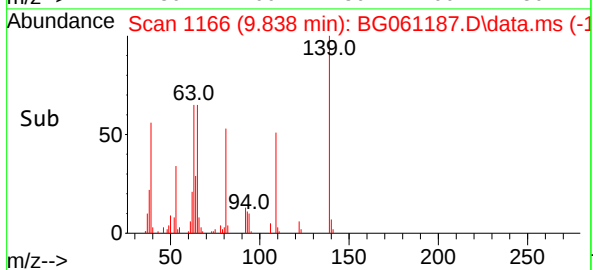
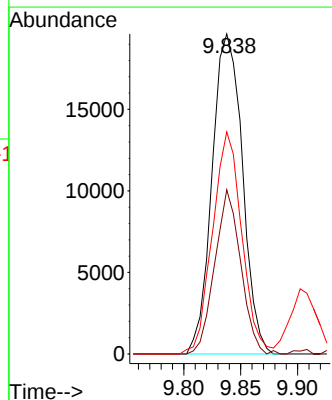
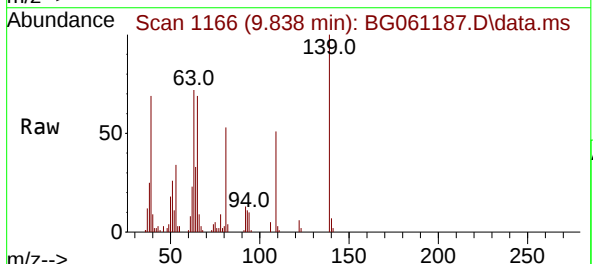
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

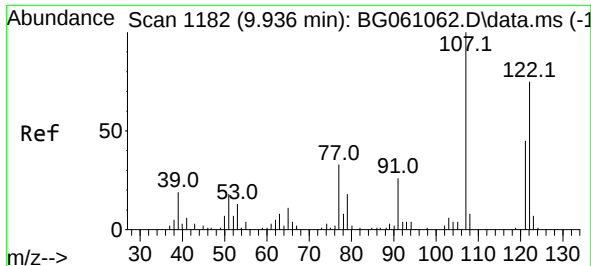
Tgt Ion: 82 Resp: 122942
Ion Ratio Lower Upper
82 100
95 10.1 8.3 12.5
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 46.773 ng
RT: 9.838 min Scan# 1166
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion: 139 Resp: 36371
Ion Ratio Lower Upper
139 100
109 51.3 38.5 57.7
65 69.4 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 51.857 ng

RT: 9.902 min Scan# 1177

Delta R.T. -0.033 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

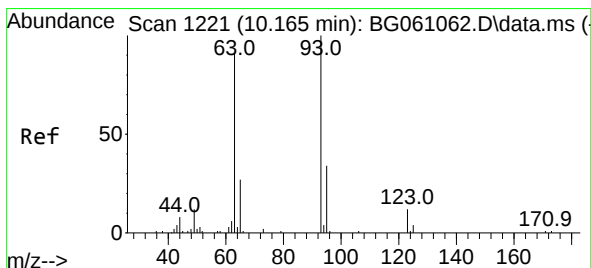
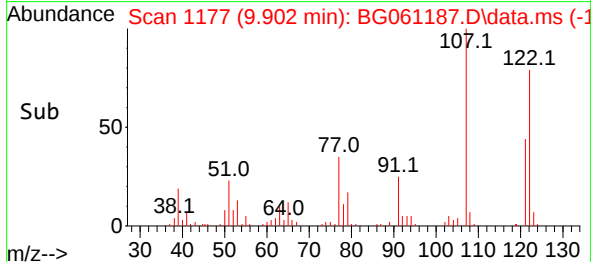
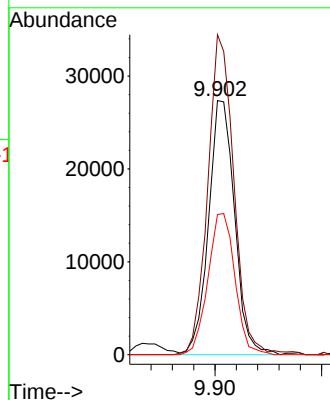
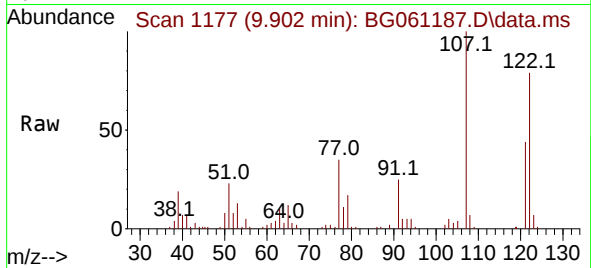
Tgt Ion:122 Resp: 46490

Ion Ratio Lower Upper

122 100

107 125.9 106.9 160.3

121 55.2 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.077 ng

RT: 10.131 min Scan# 1216

Delta R.T. -0.033 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

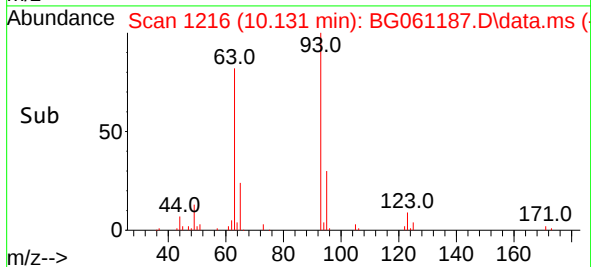
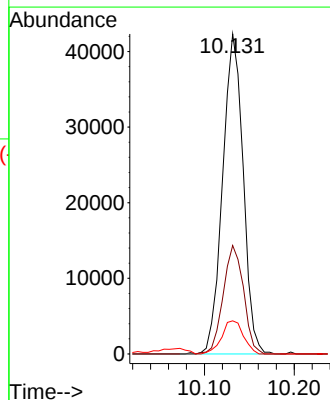
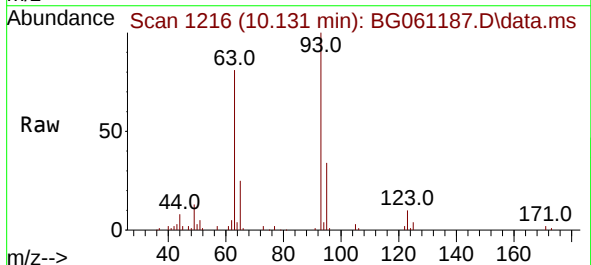
Tgt Ion: 93 Resp: 67086

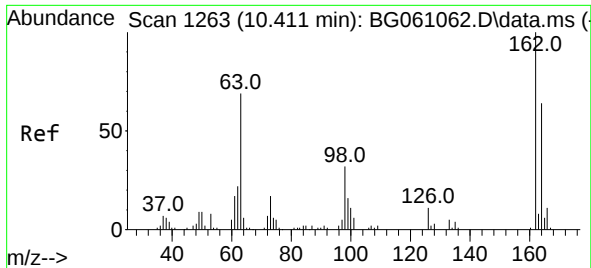
Ion Ratio Lower Upper

93 100

95 33.9 27.4 41.0

123 10.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 46.971 ng

RT: 10.384 min Scan# 1259

Delta R.T. -0.027 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

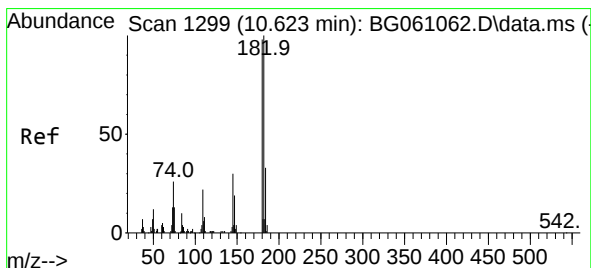
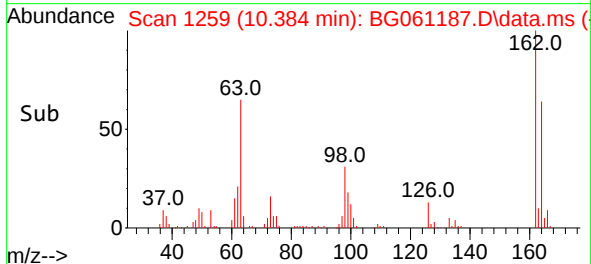
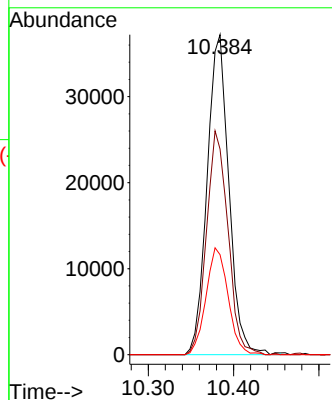
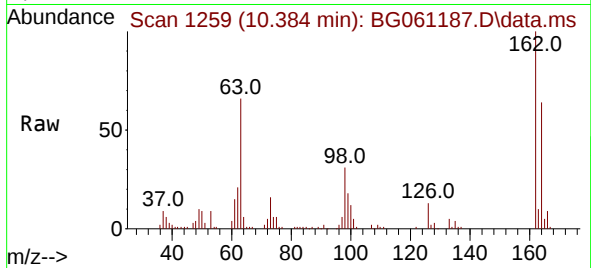
Tgt Ion:162 Resp: 65979

Ion Ratio Lower Upper

162 100

164 64.3 43.6 83.6

98 31.3 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 42.765 ng

RT: 10.590 min Scan# 1294

Delta R.T. -0.033 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

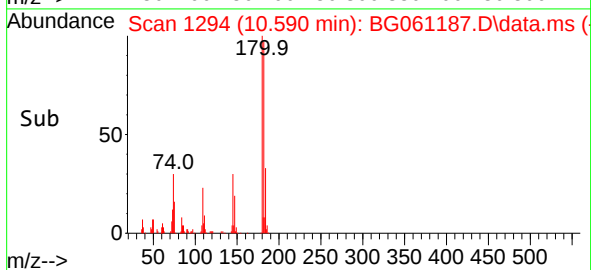
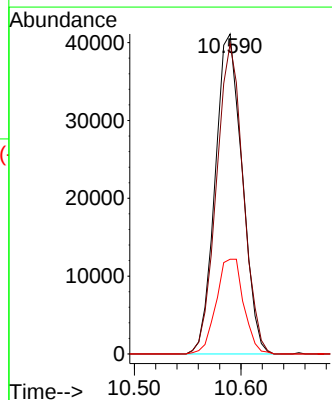
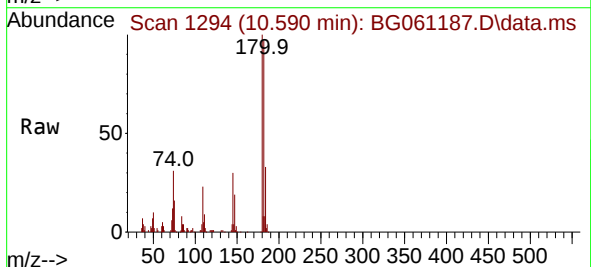
Tgt Ion:180 Resp: 72380

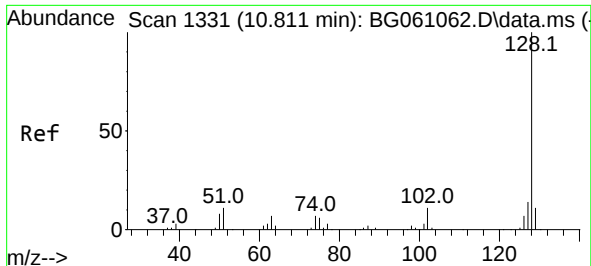
Ion Ratio Lower Upper

180 100

182 97.0 81.7 122.5

145 29.6 24.5 36.7

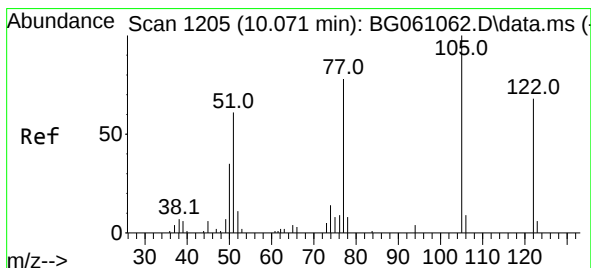
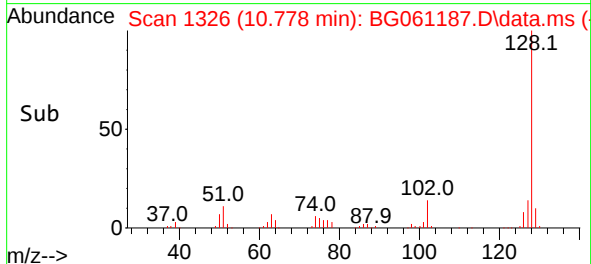
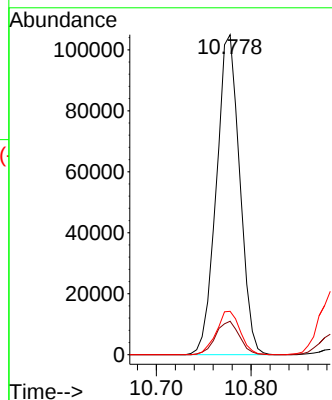
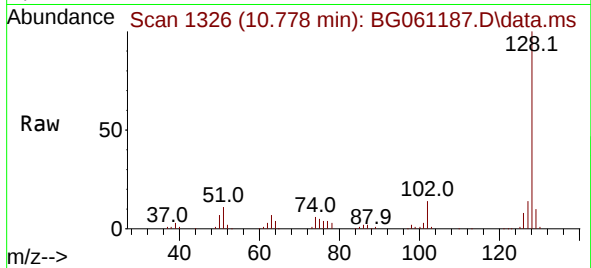




#31
Naphthalene
Concen: 41.431 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

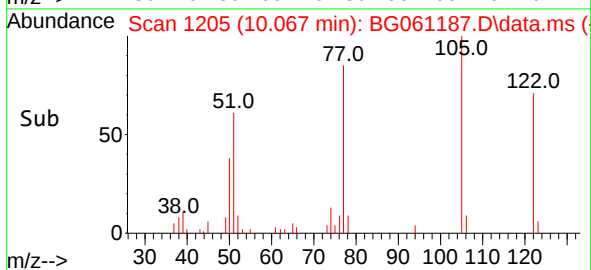
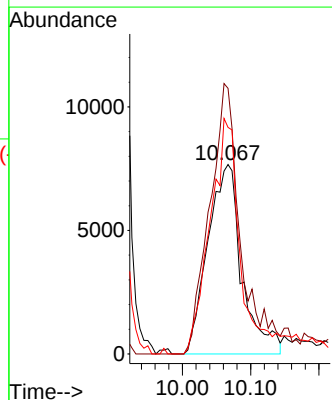
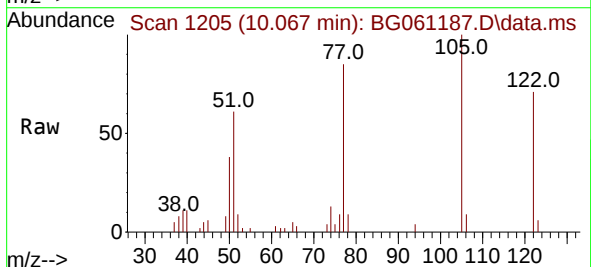
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

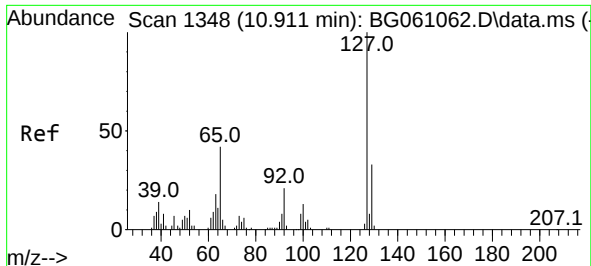
Tgt Ion:128 Resp: 179078
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 25.601 ng
RT: 10.067 min Scan# 1205
Delta R.T. -0.004 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:122 Resp: 26532
Ion Ratio Lower Upper
122 100
105 140.2 123.3 163.3
77 119.5 93.2 133.2

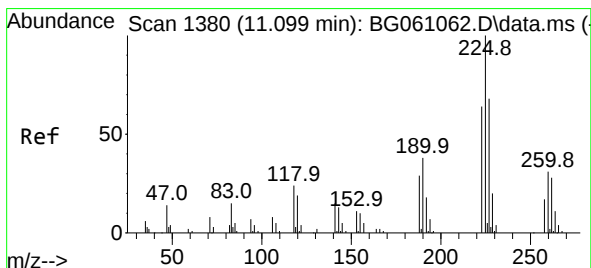
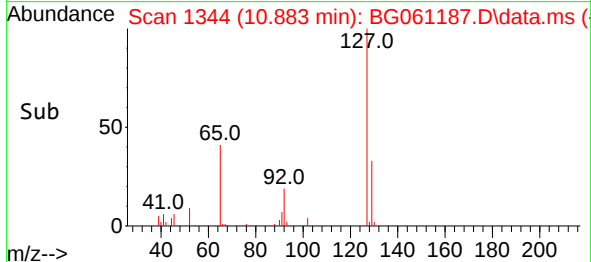
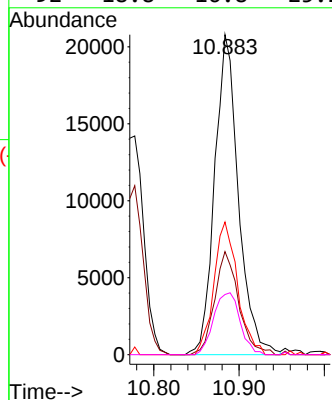
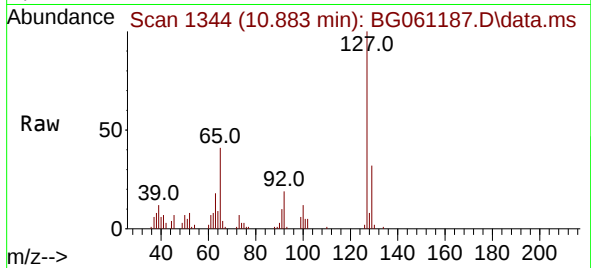




#33
4-Chloroaniline
Concen: 23.355 ng
RT: 10.883 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

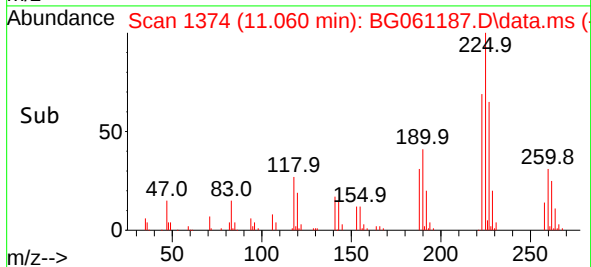
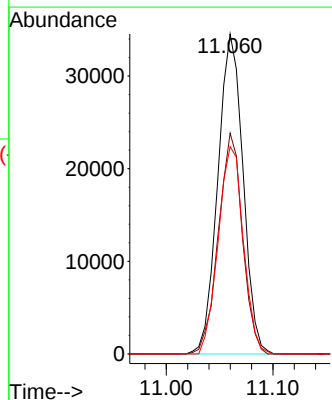
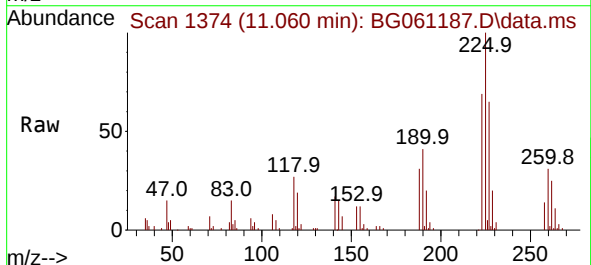
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

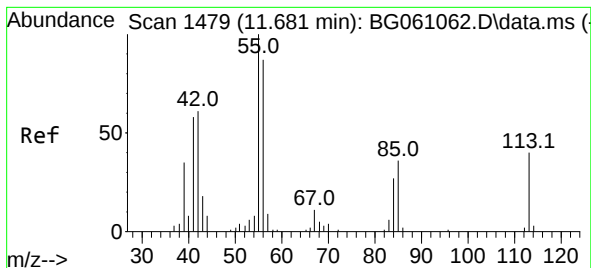
Tgt Ion:	127	Resp:	40259
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.6	39.8
65	41.5	33.6	50.4
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.943 ng
RT: 11.060 min Scan# 1374
Delta R.T. -0.039 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:	225	Resp:	56554
Ion Ratio	Lower	Upper	
225	100		
223	69.0	51.0	76.4
227	64.8	54.6	82.0





#35

Caprolactam

Concen: 29.487 ng

RT: 11.659 min Scan# 1479

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

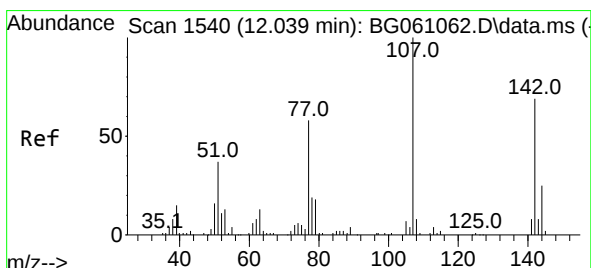
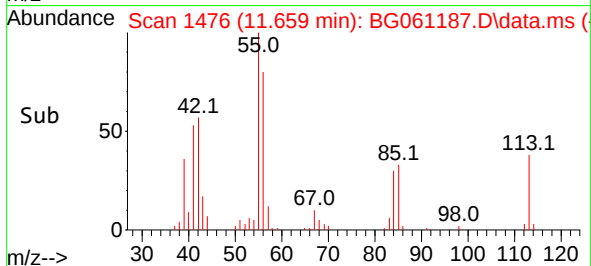
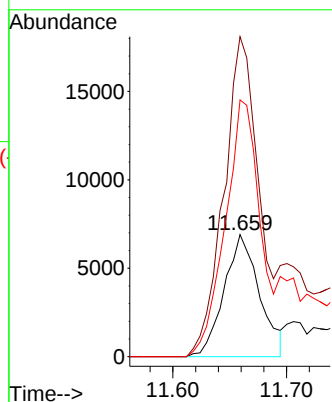
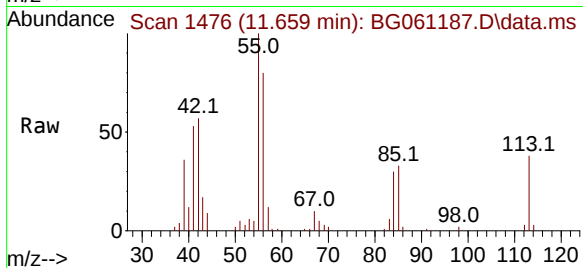
Tgt Ion:113 Resp: 14916

Ion Ratio Lower Upper

113 100

55 262.1 227.6 267.6

56 210.3 195.1 235.1



#36

4-Chloro-3-methylphenol

Concen: 42.801 ng

RT: 12.023 min Scan# 1538

Delta R.T. -0.016 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

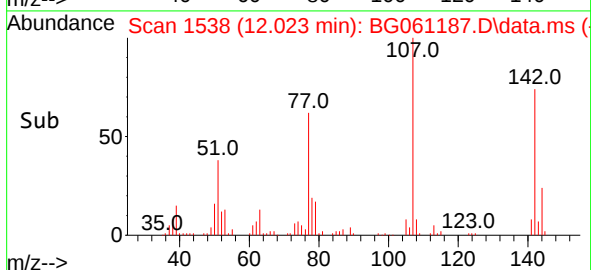
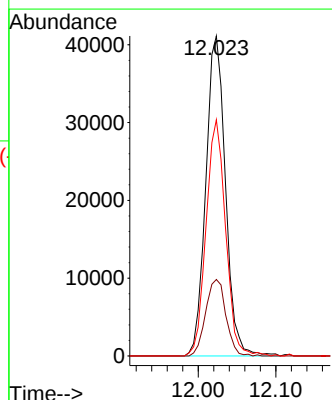
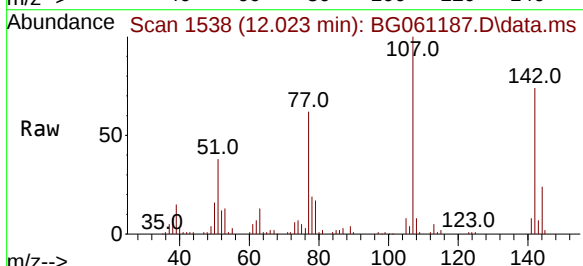
Tgt Ion:107 Resp: 72496

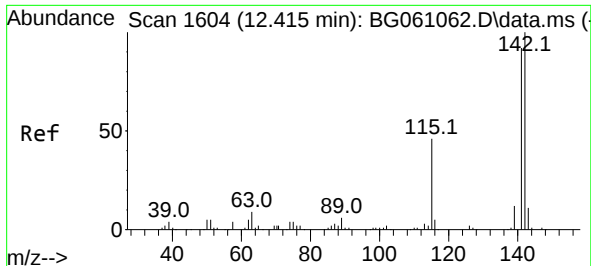
Ion Ratio Lower Upper

107 100

144 23.9 20.2 30.4

142 73.8 55.6 83.4

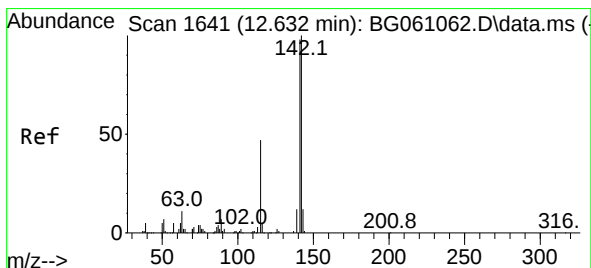
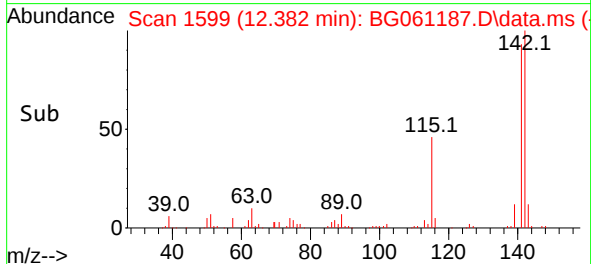
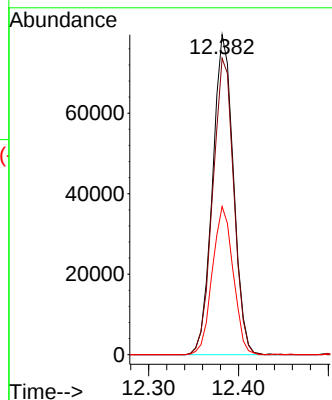
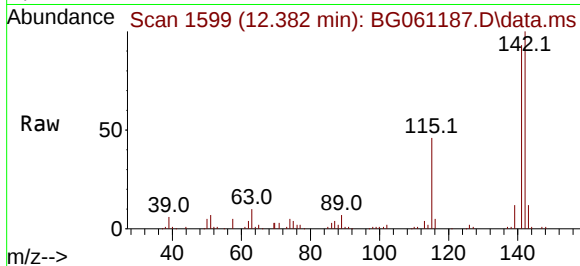




#37
2-Methylnaphthalene
Concen: 39.644 ng
RT: 12.382 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

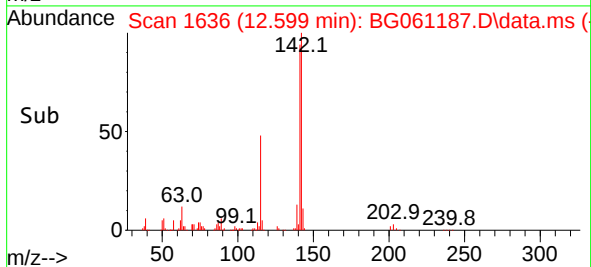
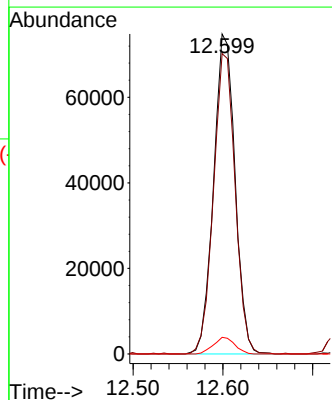
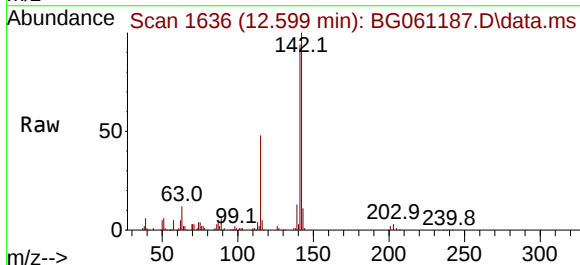
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

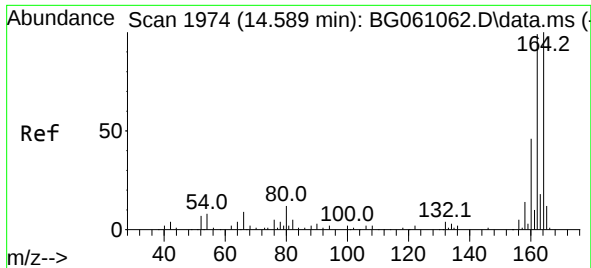
Tgt Ion:142 Resp: 128406
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8
115 46.3 36.9 55.3



#38
1-Methylnaphthalene
Concen: 38.042 ng
RT: 12.599 min Scan# 1636
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:142 Resp: 124048
Ion Ratio Lower Upper
142 100
141 93.9 78.4 117.6
116 5.2 4.3 6.5

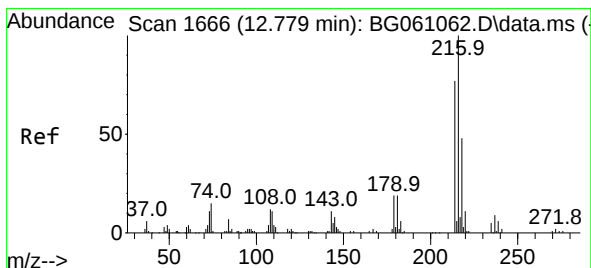
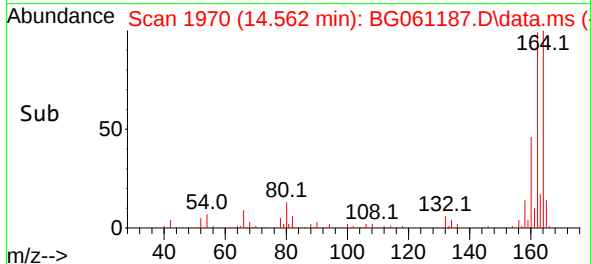
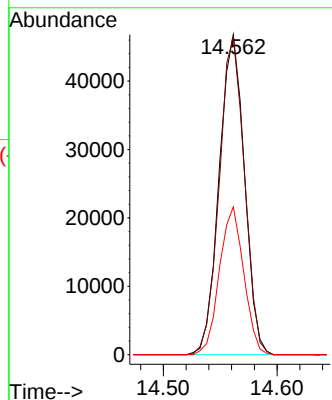
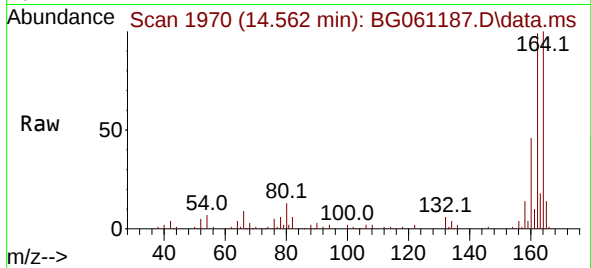




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.562 min Scan# 1970
 Delta R.T. -0.027 min
 Lab File: BG061187.D
 Acq: 14 May 2024 12:49

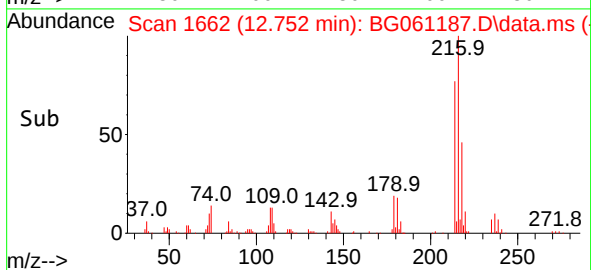
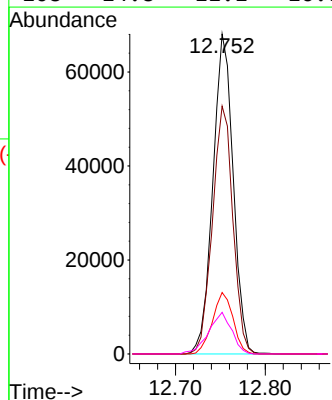
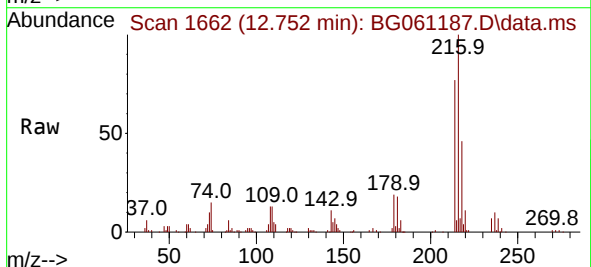
Instrument :
 BNA_G
 ClientSampleId :
 PB160877BSD

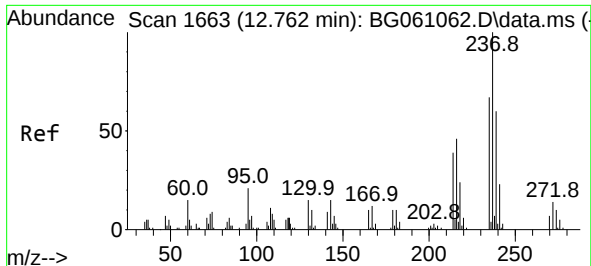
Tgt Ion:164 Resp: 72120
 Ion Ratio Lower Upper
 164 100
 162 99.3 79.4 119.2
 160 46.2 37.0 55.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.356 ng
 RT: 12.752 min Scan# 1662
 Delta R.T. -0.027 min
 Lab File: BG061187.D
 Acq: 14 May 2024 12:49

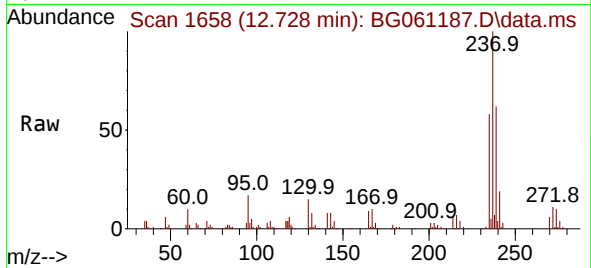
Tgt Ion:216 Resp: 106758
 Ion Ratio Lower Upper
 216 100
 214 77.9 64.2 96.2
 179 19.5 15.4 23.2
 108 14.8 11.1 16.7



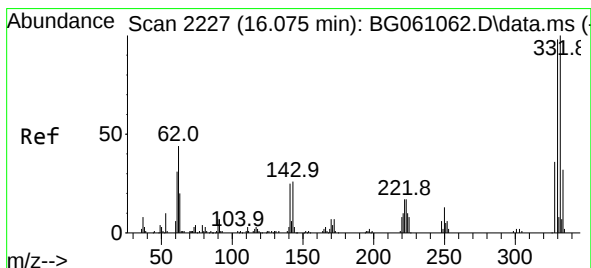
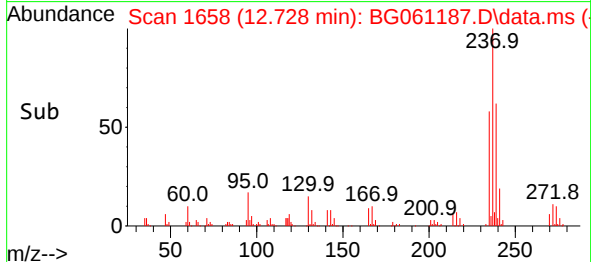
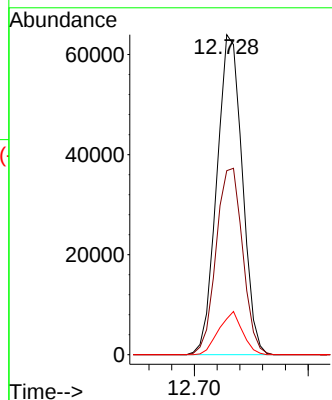


#41
Hexachlorocyclopentadiene
Concen: 107.883 ng
RT: 12.728 min Scan# 1658
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Instrument :
BNA_G
ClientSampleId :
PB160877BSD

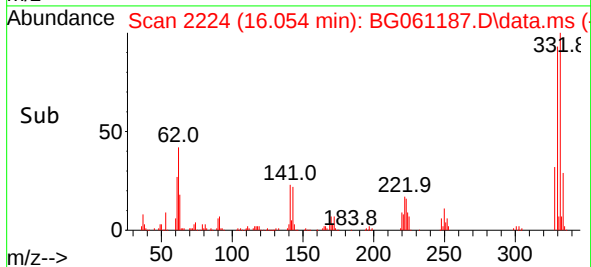
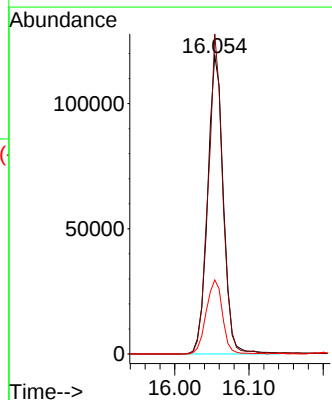
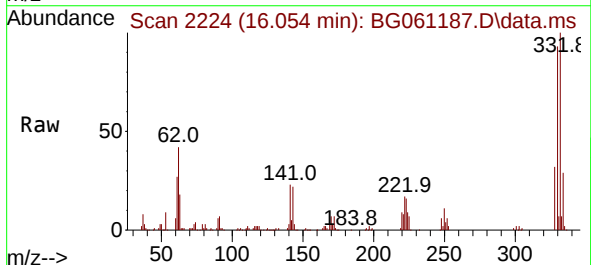


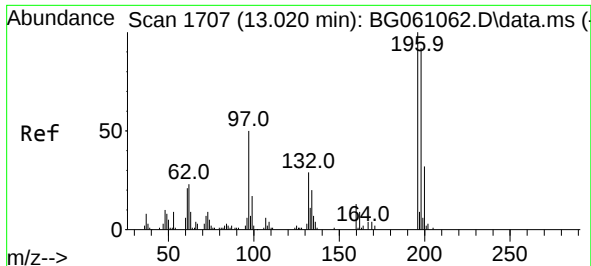
Tgt Ion:237 Resp: 99401
Ion Ratio Lower Upper
237 100
235 57.5 46.5 86.5
272 11.2 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 122.086 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:330 Resp: 175993
Ion Ratio Lower Upper
330 100
332 99.3 78.6 117.8
141 25.8 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 43.067 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

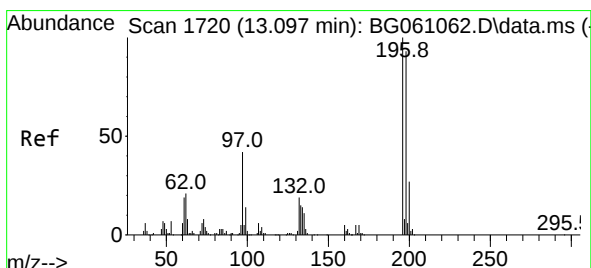
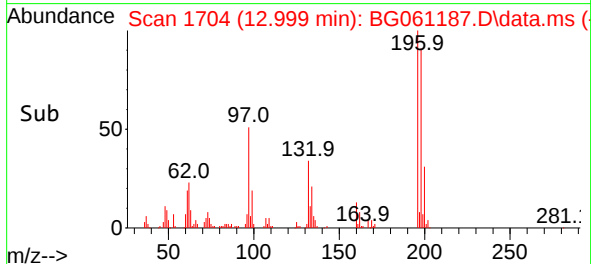
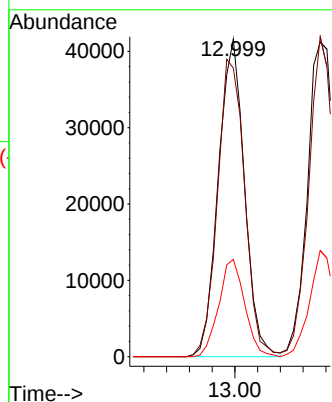
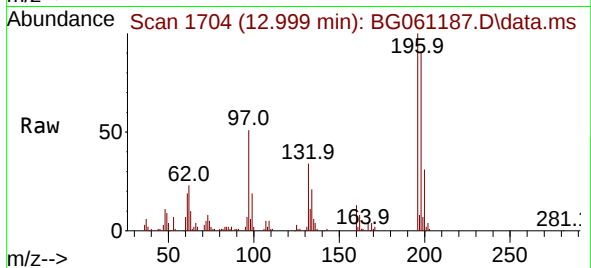
Tgt Ion:196 Resp: 66548

Ion Ratio Lower Upper

196 100

198 90.9 73.8 110.6

200 30.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 41.378 ng

RT: 13.075 min Scan# 1717

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Tgt Ion:196 Resp: 72364

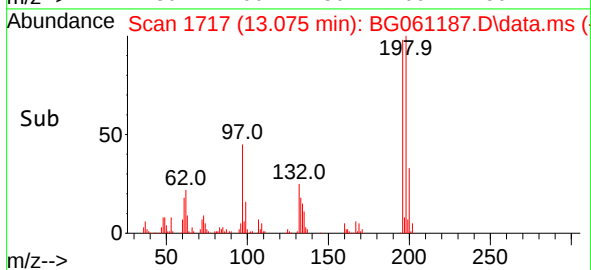
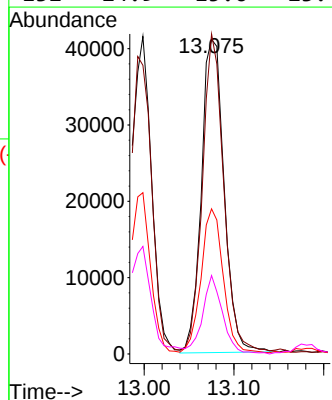
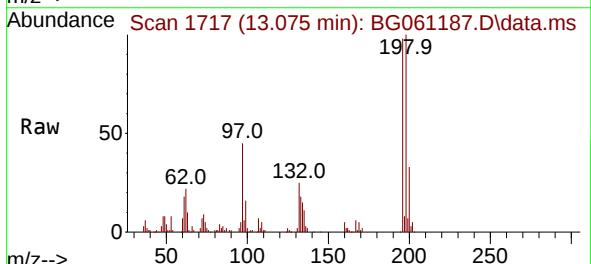
Ion Ratio Lower Upper

196 100

198 101.7 74.3 111.5

97 46.1 33.6 50.4

132 24.9 15.6 23.4#

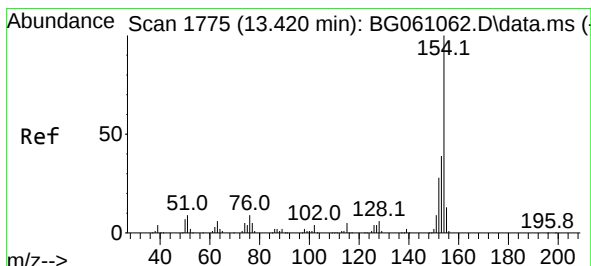
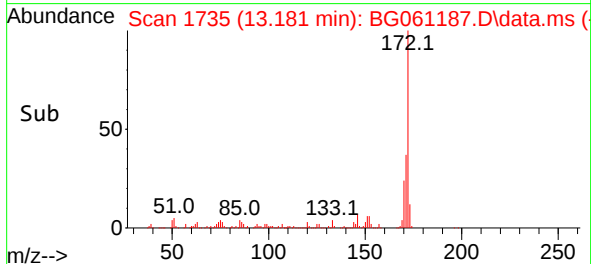
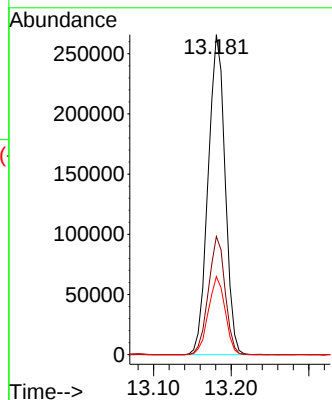
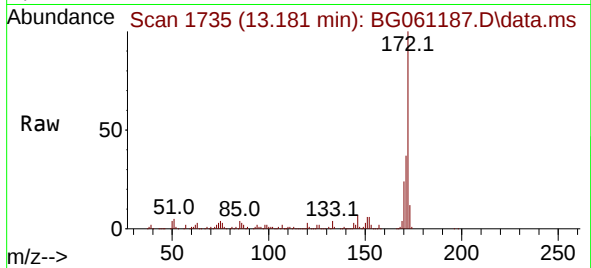




#45
2-Fluorobiphenyl
Concen: 82.830 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

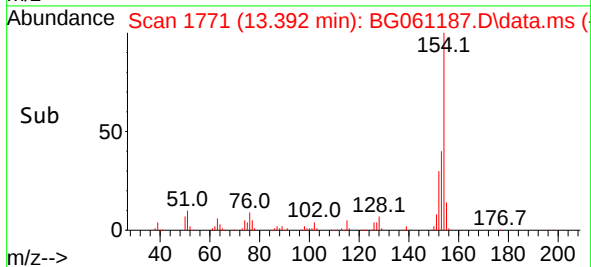
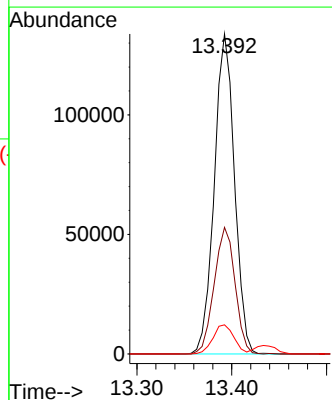
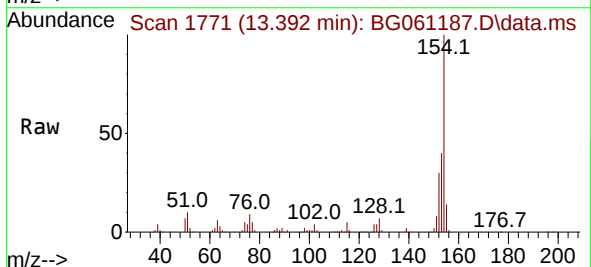
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

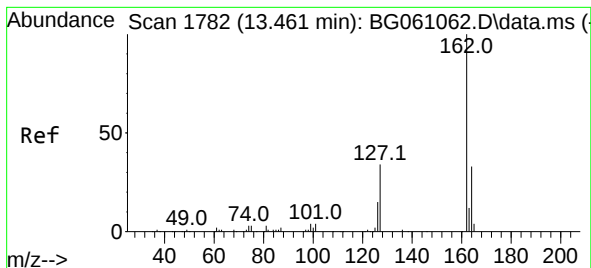
Tgt Ion:172 Resp: 403977
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.863 ng
RT: 13.392 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:154 Resp: 198210
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 9.1 0.0 28.8





#47

2-Chloronaphthalene

Concen: 41.952 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

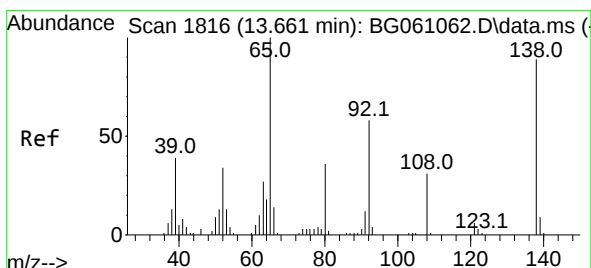
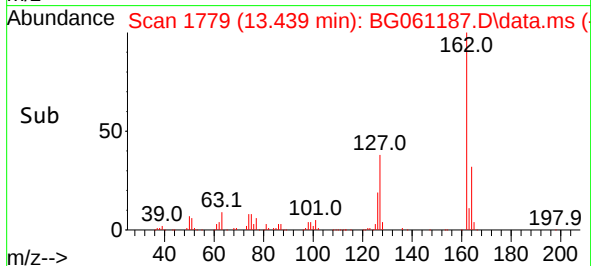
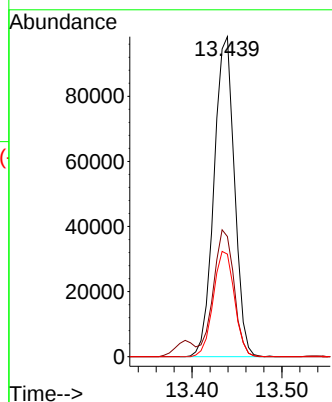
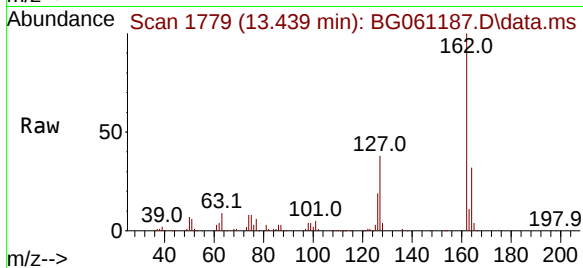
Tgt Ion:162 Resp: 155341

Ion Ratio Lower Upper

162 100

127 37.5 30.7 46.1

164 32.1 26.8 40.2



#48

2-Nitroaniline

Concen: 44.883 ng

RT: 13.639 min Scan# 1813

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

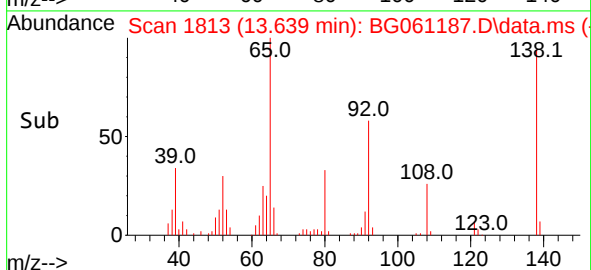
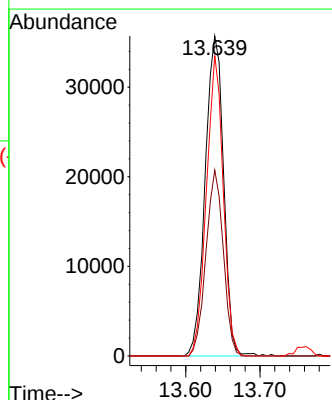
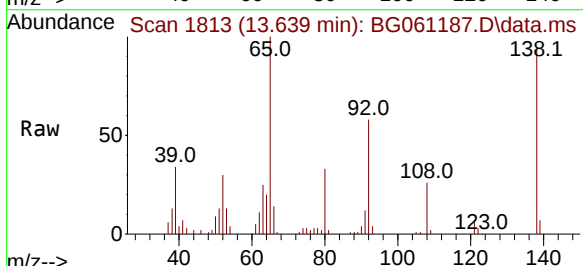
Tgt Ion: 65 Resp: 61671

Ion Ratio Lower Upper

65 100

92 58.1 46.7 70.1

138 93.9 71.4 107.2

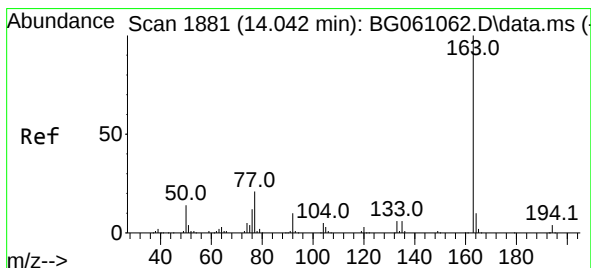
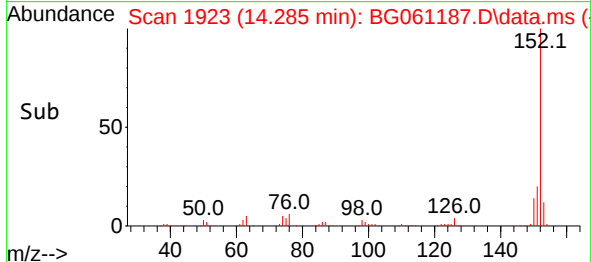
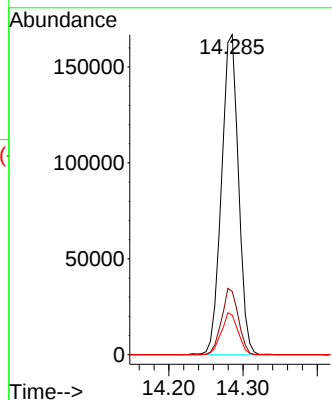
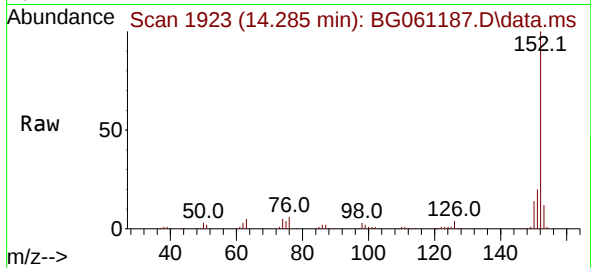




#49
Acenaphthylene
Concen: 46.605 ng
RT: 14.285 min Scan# 1923
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

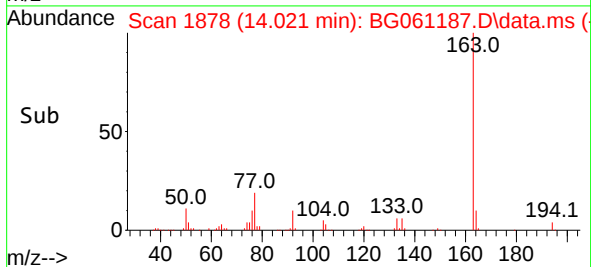
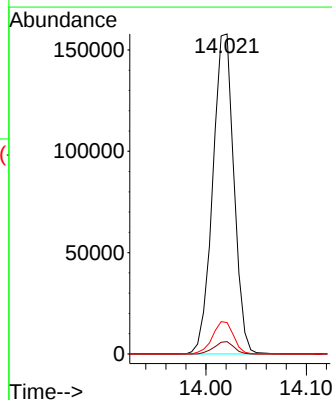
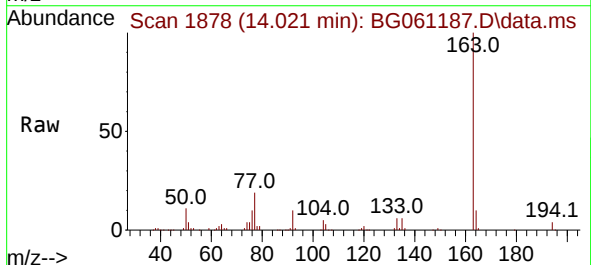
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

Tgt Ion:152 Resp: 265050
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 12.4 10.6 15.8



#50
Dimethylphthalate
Concen: 41.514 ng
RT: 14.021 min Scan# 1878
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:163 Resp: 231253
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.8 11.8

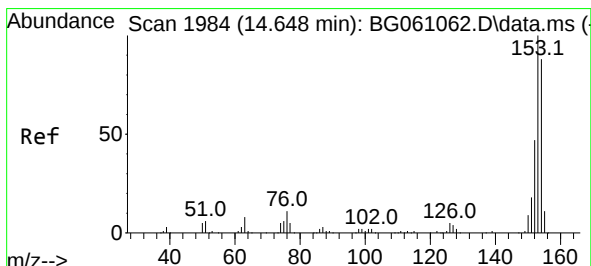
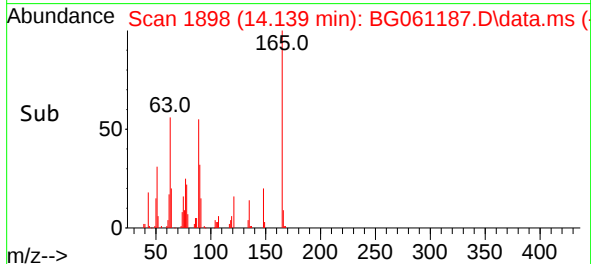
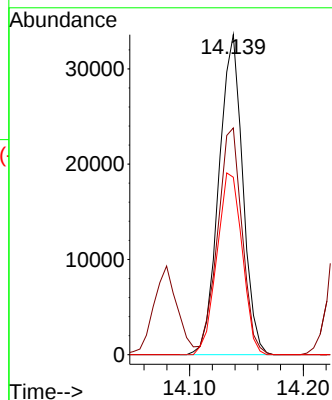
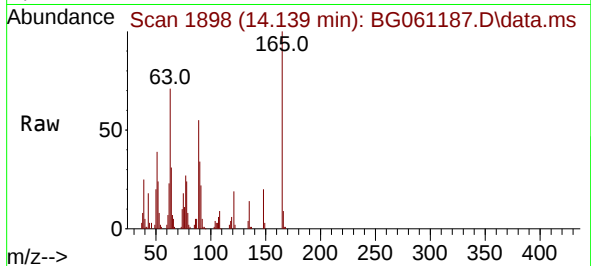




#51
2,6-Dinitrotoluene
Concen: 41.090 ng
RT: 14.139 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

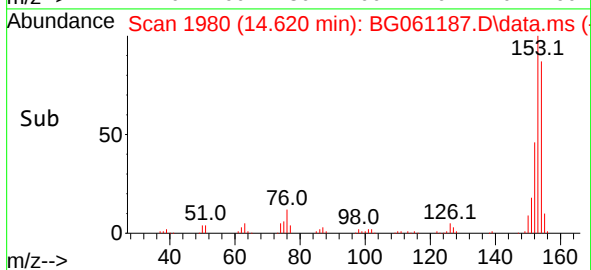
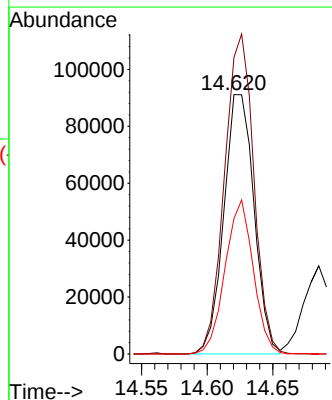
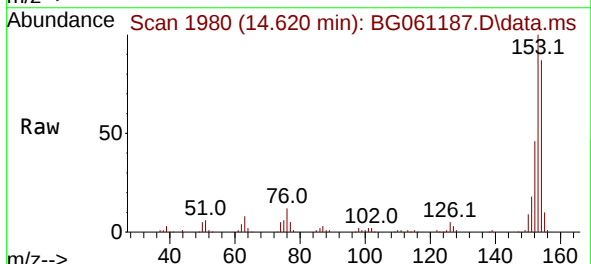
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

Tgt Ion:165 Resp: 48959
Ion Ratio Lower Upper
165 100
63 70.8 60.0 90.0
89 55.5 50.9 76.3



#52
Acenaphthene
Concen: 41.164 ng
RT: 14.620 min Scan# 1980
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:154 Resp: 146042
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 52.2 43.1 64.7

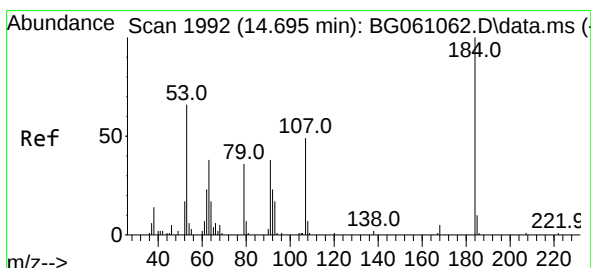
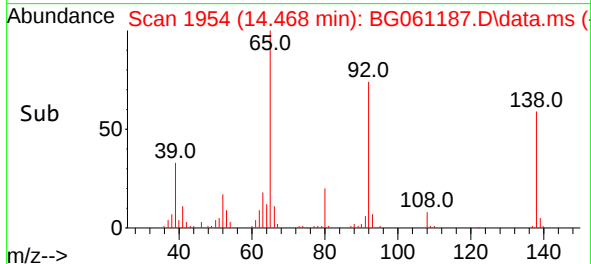
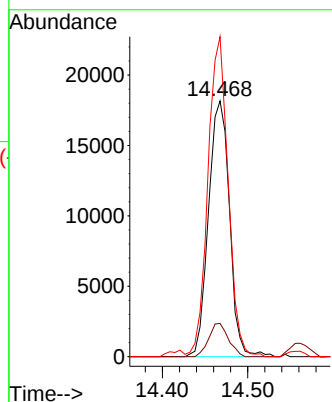
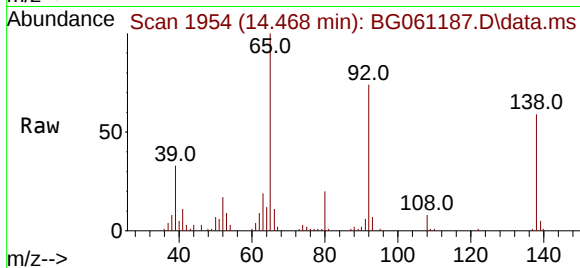




#53
3-Nitroaniline
Concen: 28.492 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

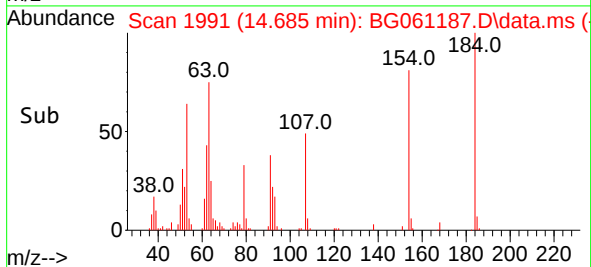
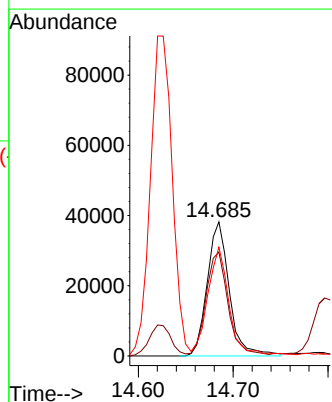
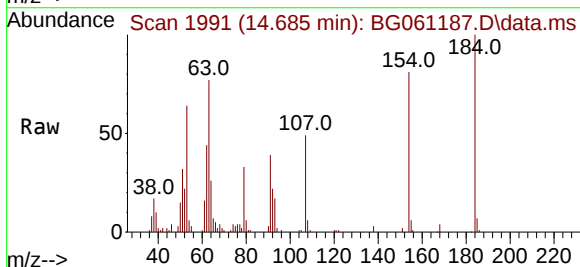
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

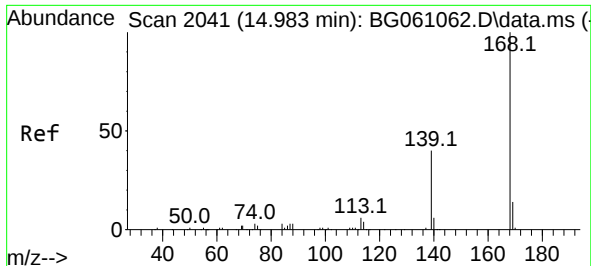
Tgt Ion:138 Resp: 31063
Ion Ratio Lower Upper
138 100
108 13.0 8.2 12.2#
92 125.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 73.209 ng
RT: 14.685 min Scan# 1991
Delta R.T. -0.010 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:184 Resp: 61671
Ion Ratio Lower Upper
184 100
63 77.4 62.6 93.8
154 81.2 61.4 92.0

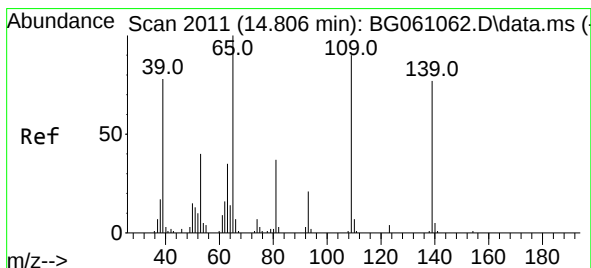
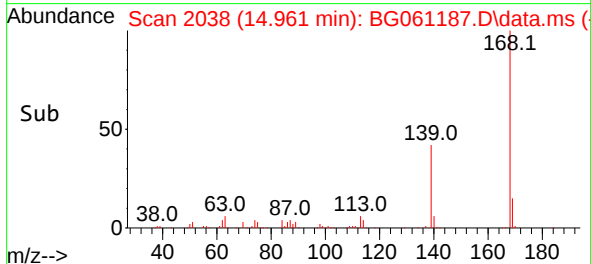
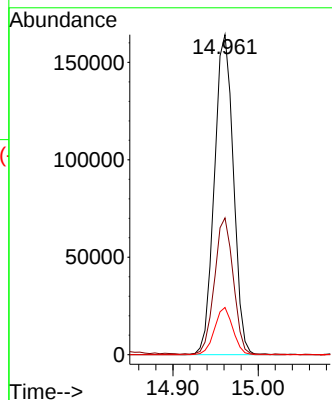
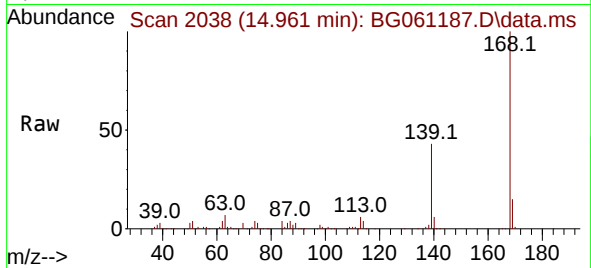




#55
Dibenzofuran
Concen: 42.496 ng
RT: 14.961 min Scan# 2041
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

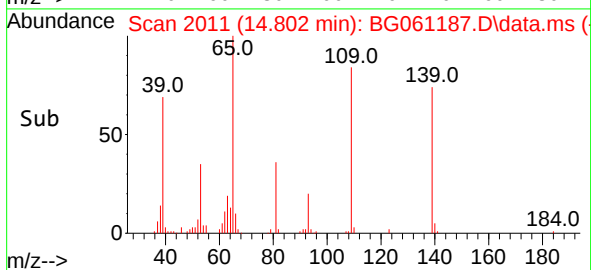
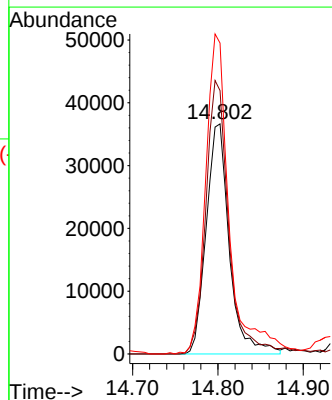
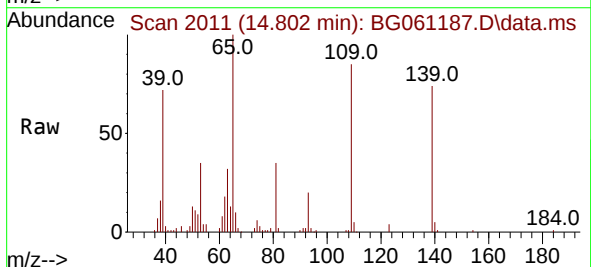
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

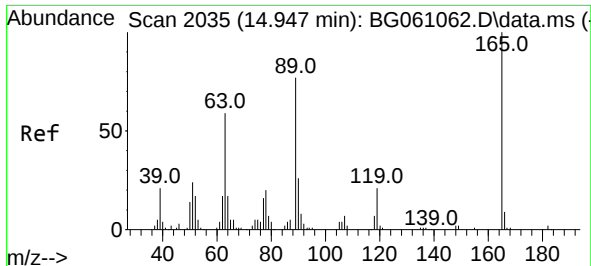
Tgt Ion:168 Resp: 254658
Ion Ratio Lower Upper
168 100
139 42.7 32.2 48.4
169 14.8 11.4 17.2



#56
4-Nitrophenol
Concen: 78.348 ng
RT: 14.802 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:139 Resp: 69030
Ion Ratio Lower Upper
139 100
109 114.4 97.7 137.7
65 135.1 110.7 150.7

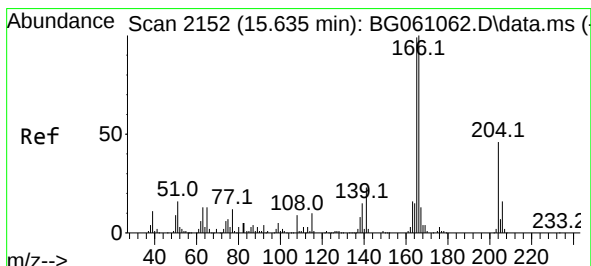
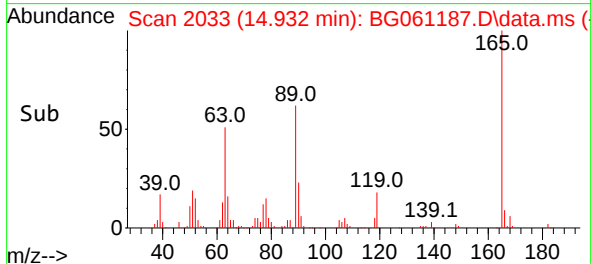
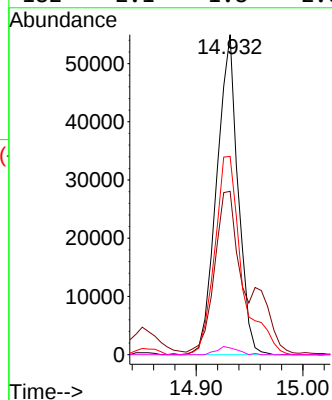
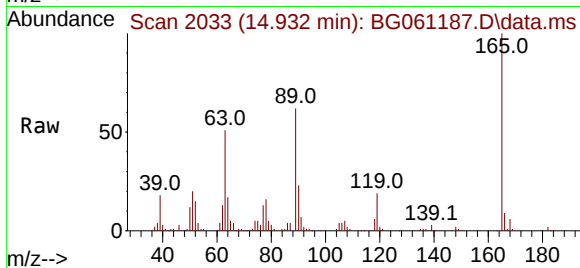




#57
2,4-Dinitrotoluene
Concen: 43.174 ng
RT: 14.932 min Scan# 2033
Delta R.T. -0.016 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

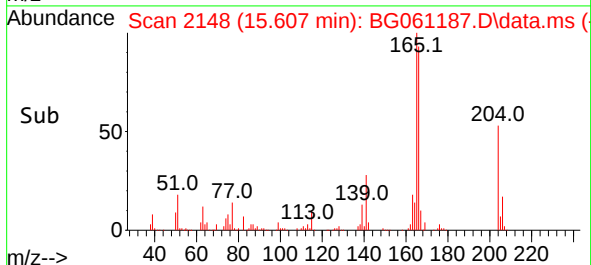
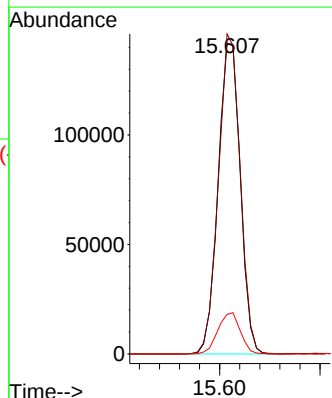
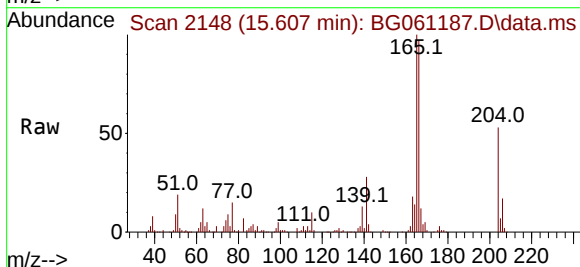
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

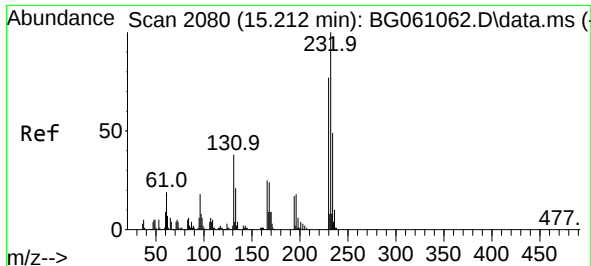
Tgt Ion:	165	Resp:	76108
Ion	Ratio	Lower	Upper
165	100		
63	51.0	47.3	70.9
89	61.9	61.8	92.8
182	2.1	1.8	2.6



#58
Fluorene
Concen: 41.987 ng
RT: 15.607 min Scan# 2148
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:	166	Resp:	217723
Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.9	118.3
167	12.7	10.6	15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.244 ng

RT: 15.190 min Scan# 20

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

Tgt Ion:232 Resp: 76050

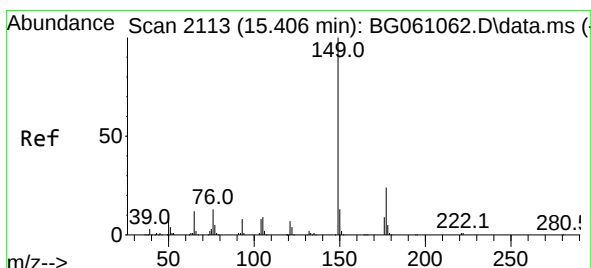
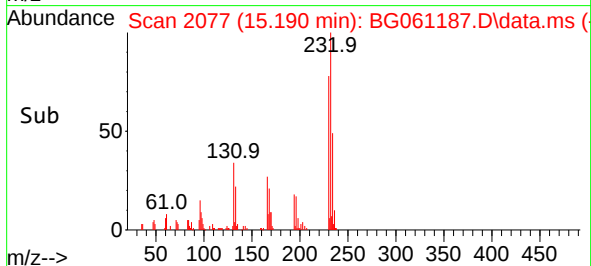
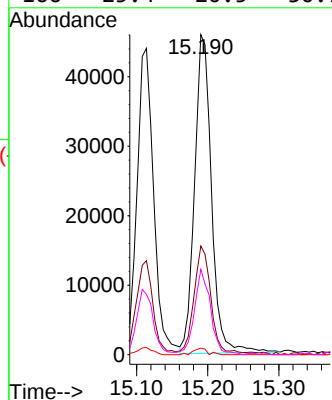
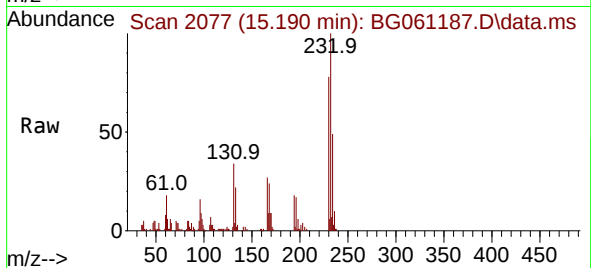
Ion Ratio Lower Upper

232 100

131 32.7 27.0 40.4

130 1.7 1.7 2.5

166 25.4 20.5 30.7



#60

Diethylphthalate

Concen: 40.999 ng

RT: 15.384 min Scan# 2110

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

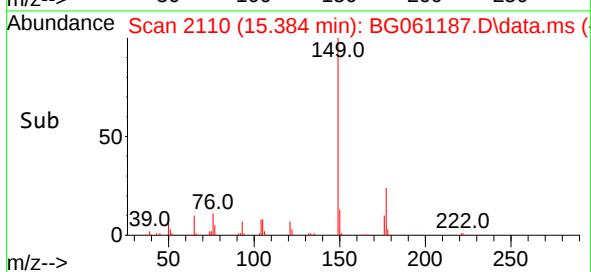
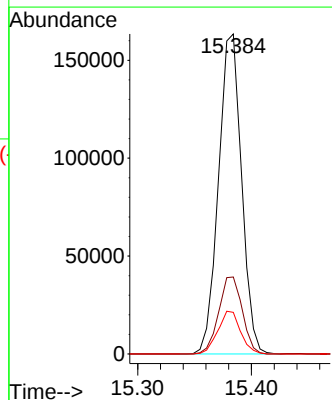
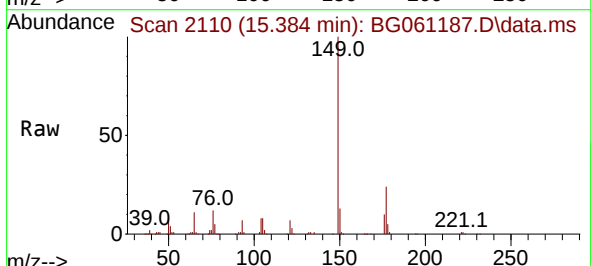
Tgt Ion:149 Resp: 230306

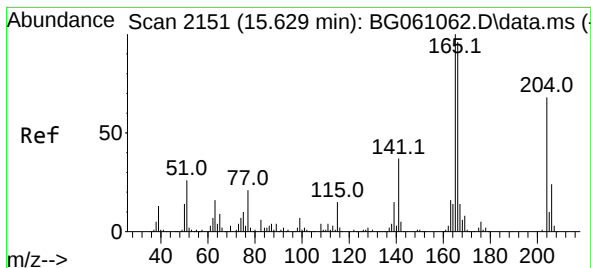
Ion Ratio Lower Upper

149 100

177 24.0 19.1 28.7

150 13.0 10.6 16.0

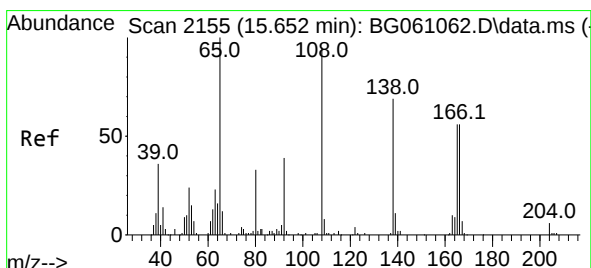
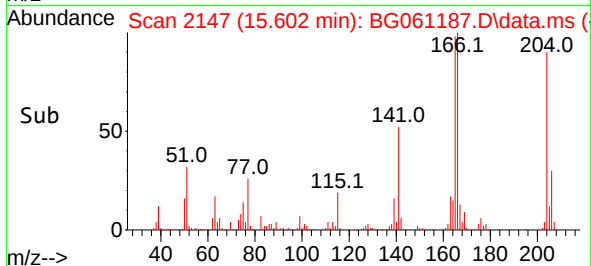
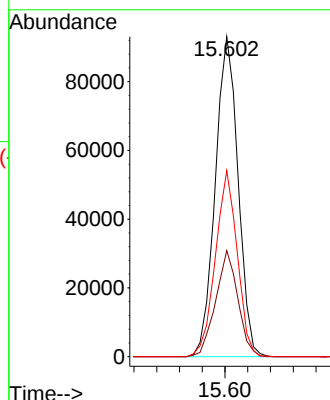
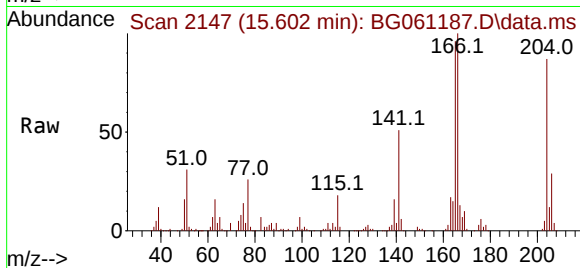




#61
4-Chlorophenyl-phenylether
Concen: 41.601 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

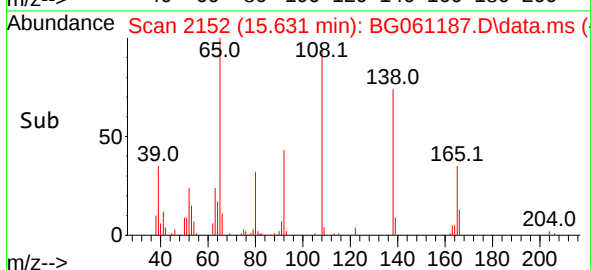
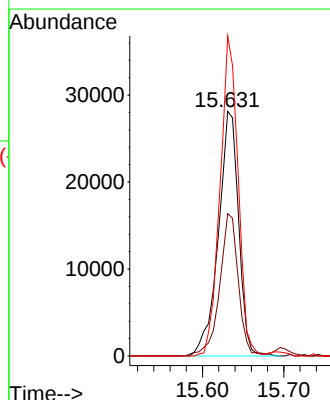
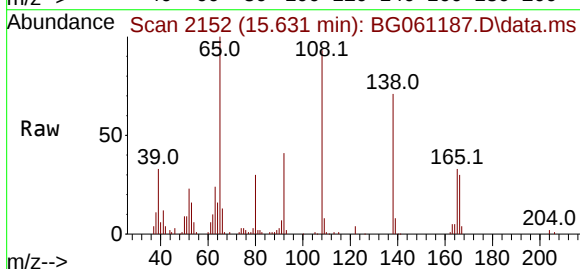
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

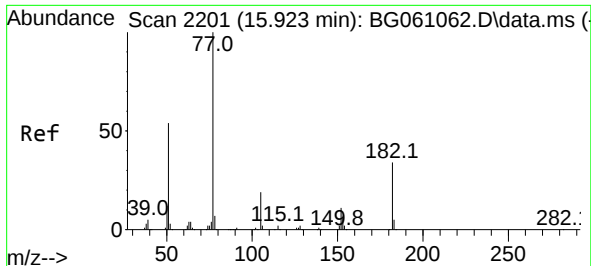
Tgt Ion:204 Resp: 129531
Ion Ratio Lower Upper
204 100
206 33.1 27.8 41.6
141 58.2 42.9 64.3



#62
4-Nitroaniline
Concen: 41.121 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:138 Resp: 48623
Ion Ratio Lower Upper
138 100
92 58.2 35.5 75.5
108 130.8 116.2 156.2

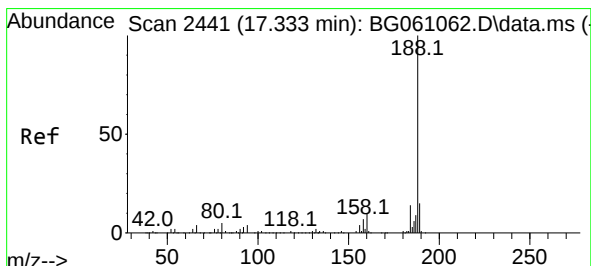
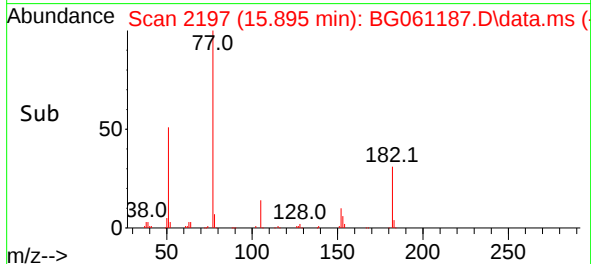
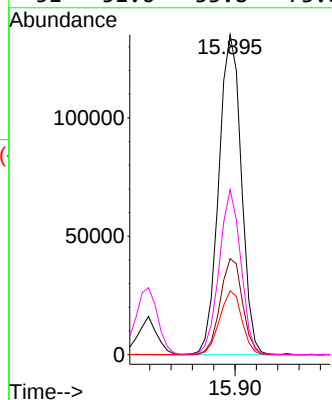
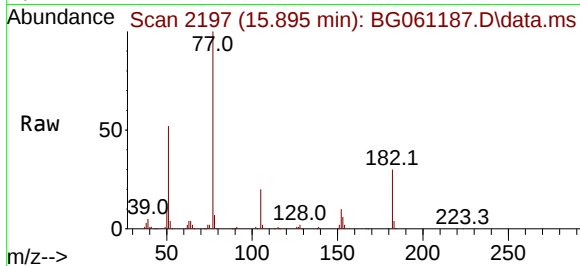




#63
Azobenzene
Concen: 45.326 ng
RT: 15.895 min Scan# 2197
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

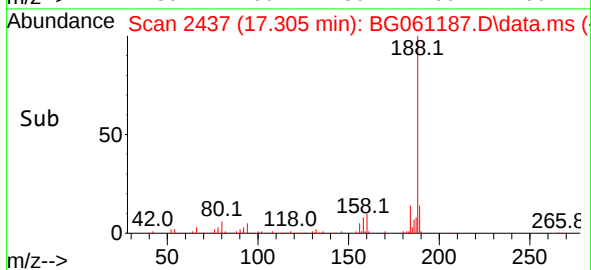
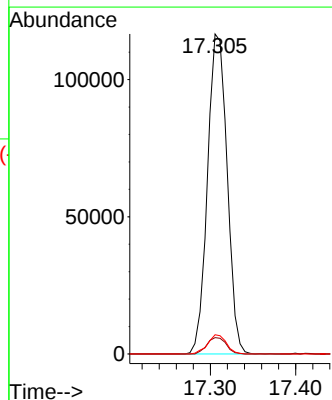
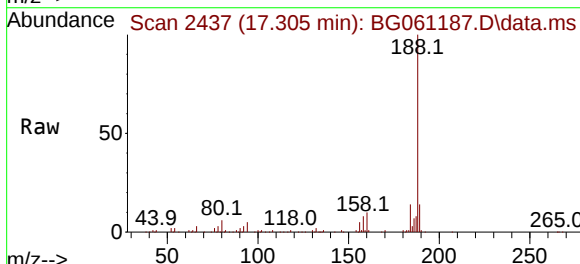
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

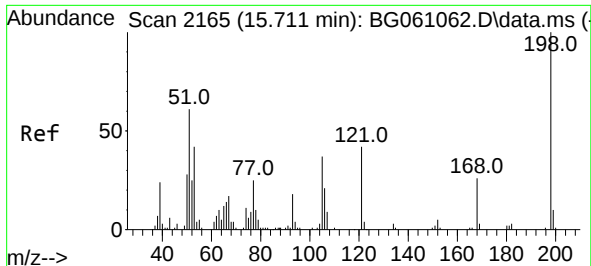
Tgt Ion: 77	Resp: 198205
Ion Ratio	Lower Upper
77 100	
182 30.0	13.5 53.5
105 19.9	0.0 39.3
51 51.6	33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.305 min Scan# 2437
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:188	Resp: 186574
Ion Ratio	Lower Upper
188 100	
94 5.1	3.6 5.4
80 6.0	4.2 6.2

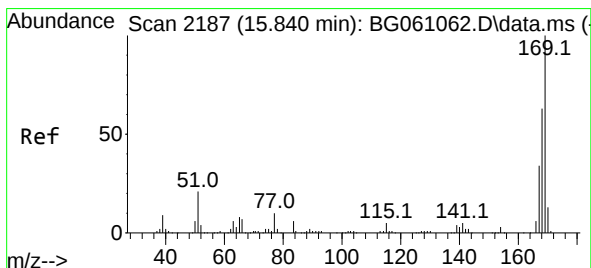
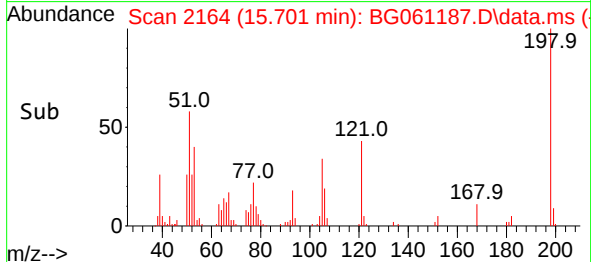
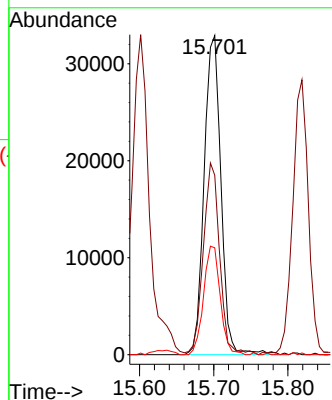
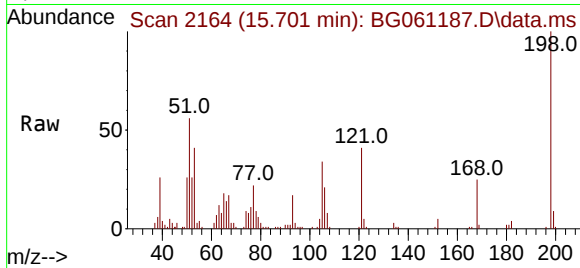




#65
4,6-Dinitro-2-methylphenol
Concen: 44.748 ng
RT: 15.701 min Scan# 2164
Delta R.T. -0.010 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

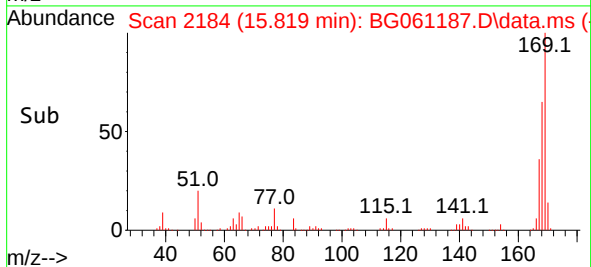
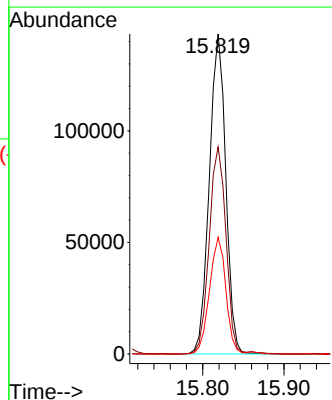
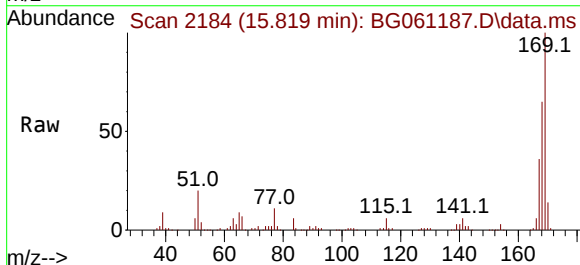
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

Tgt Ion:198 Resp: 51801
Ion Ratio Lower Upper
198 100
51 56.2 41.2 81.2
105 33.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.481 ng
RT: 15.819 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:169 Resp: 201172
Ion Ratio Lower Upper
169 100
168 64.7 50.6 75.8
167 36.4 27.4 41.2

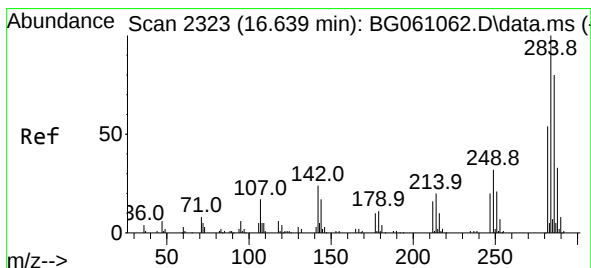
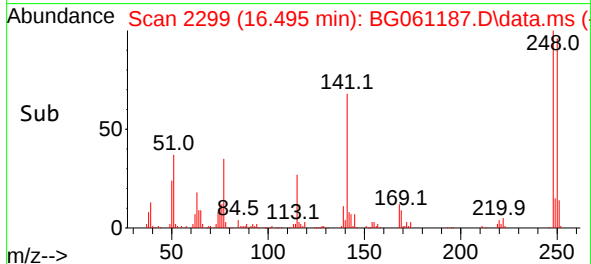
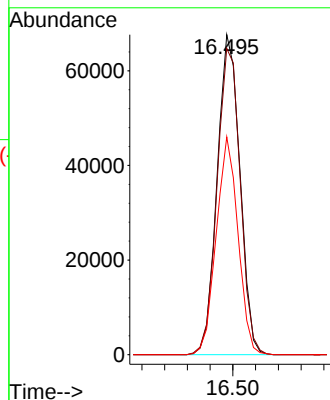
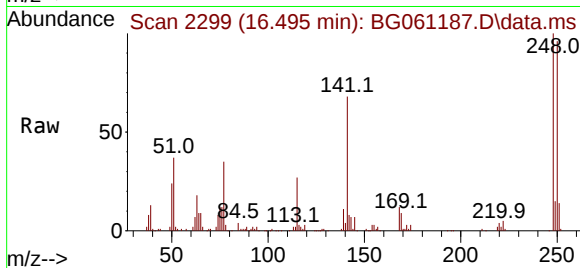




#67
4-Bromophenyl-phenylether
Concen: 42.729 ng
RT: 16.495 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

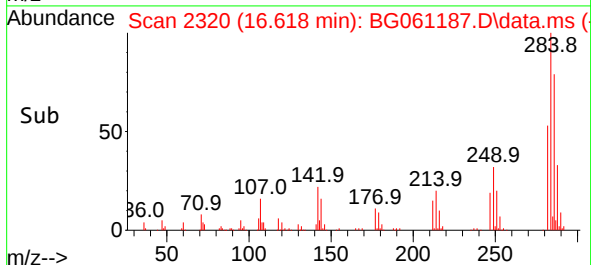
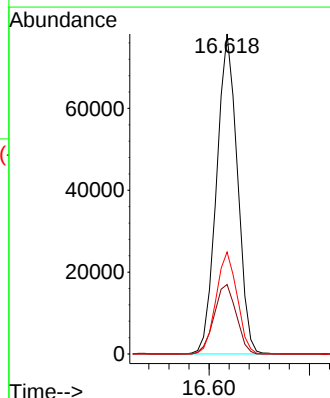
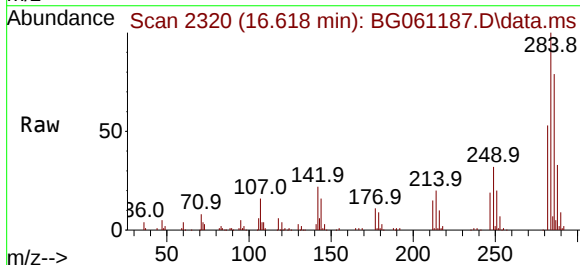
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

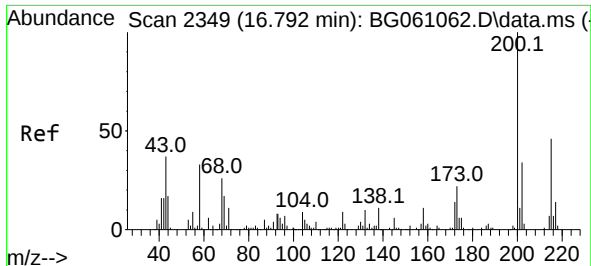
Tgt Ion:248 Resp: 93912
Ion Ratio Lower Upper
248 100
250 95.7 73.0 109.4
141 68.1 50.8 76.2



#68
Hexachlorobenzene
Concen: 41.133 ng
RT: 16.618 min Scan# 2320
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:284 Resp: 112524
Ion Ratio Lower Upper
284 100
142 21.7 19.2 28.8
249 31.9 25.4 38.2

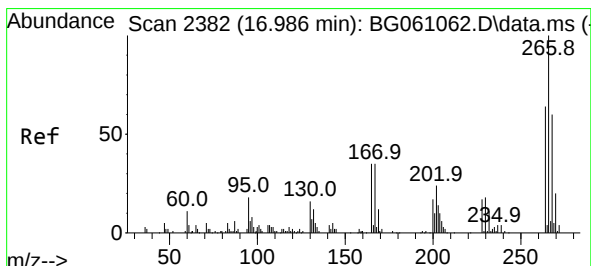
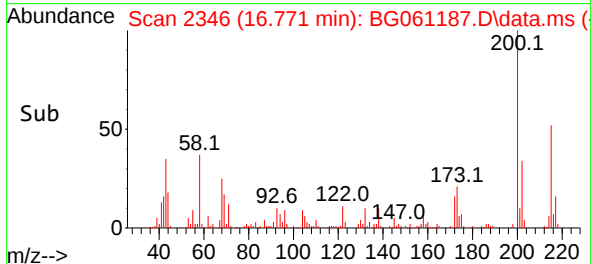
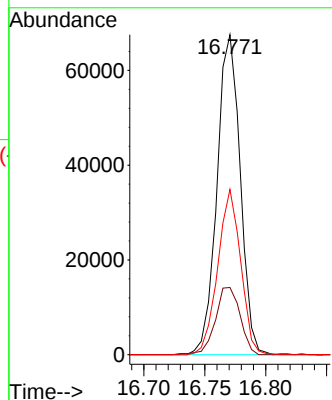
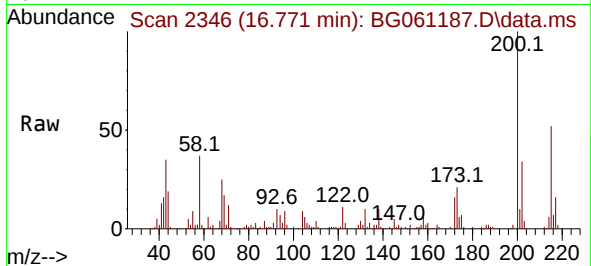




#69
Atrazine
Concen: 46.944 ng
RT: 16.771 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

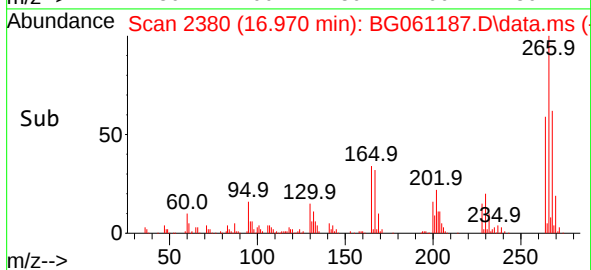
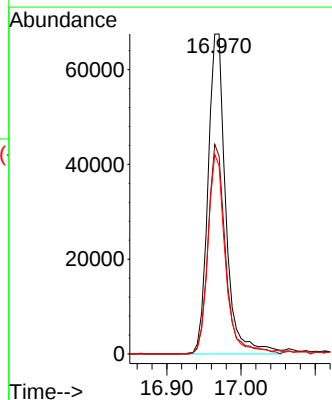
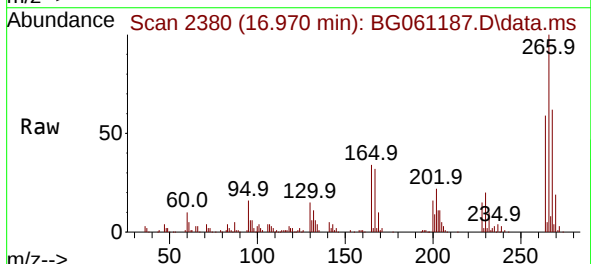
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

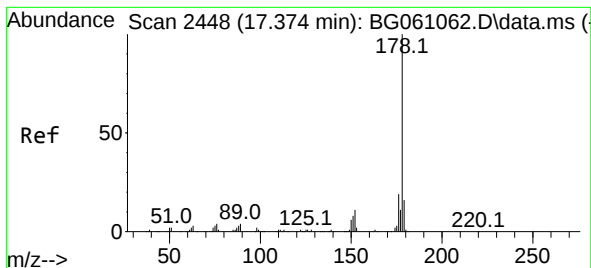
Tgt Ion:200 Resp: 89571
Ion Ratio Lower Upper
200 100
173 21.0 2.0 42.0
215 51.6 26.2 66.2



#70
Pentachlorophenol
Concen: 66.795 ng
RT: 16.970 min Scan# 2380
Delta R.T. -0.016 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:266 Resp: 112256
Ion Ratio Lower Upper
266 100
268 61.9 47.8 71.8
264 58.8 51.5 77.3





#71

Phenanthrene

Concen: 43.873 ng

RT: 17.352 min Scan# 2445

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

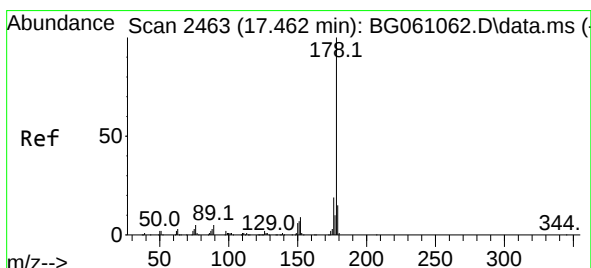
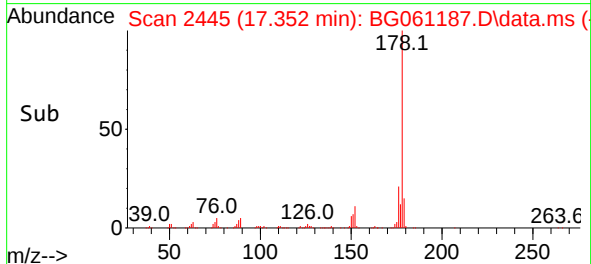
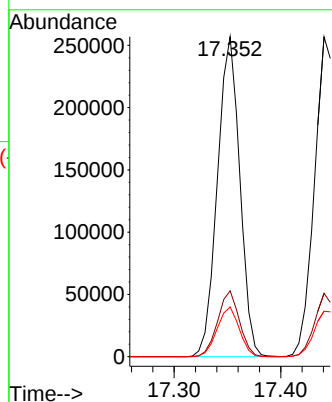
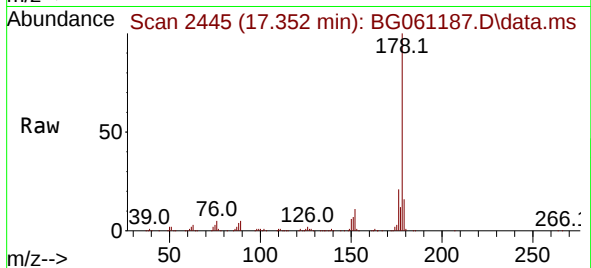
Tgt Ion:178 Resp: 374281

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 44.594 ng

RT: 17.441 min Scan# 2460

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

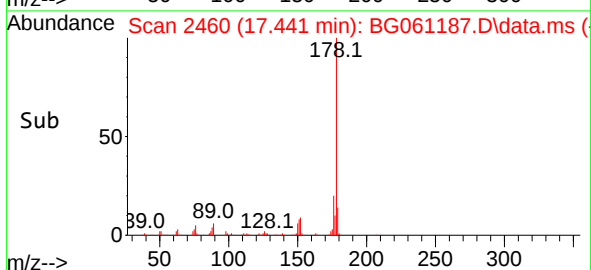
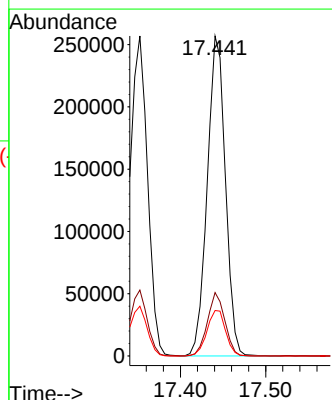
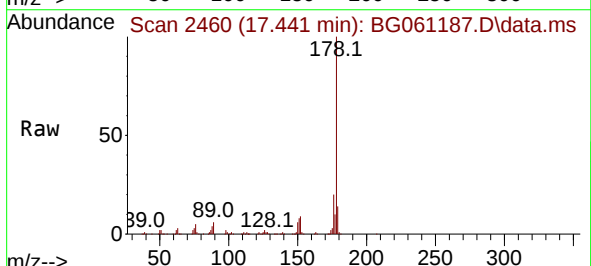
Tgt Ion:178 Resp: 379603

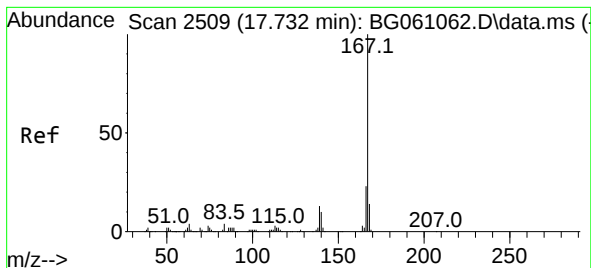
Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.6

179 14.2 12.0 18.0





#73

Carbazole

Concen: 44.113 ng

RT: 17.711 min Scan# 21

Delta R.T. -0.022 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

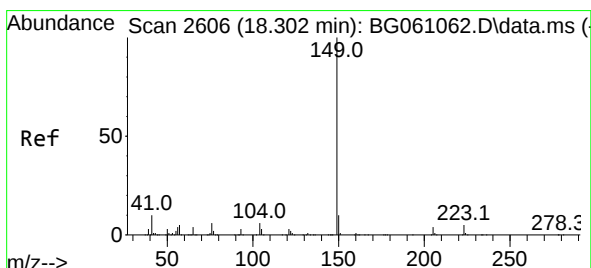
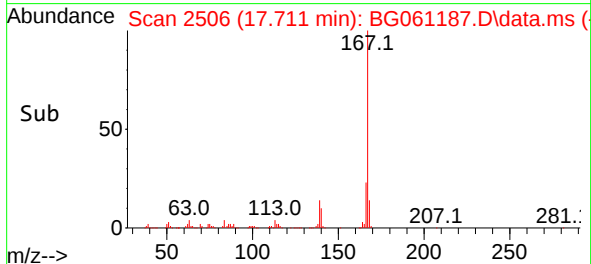
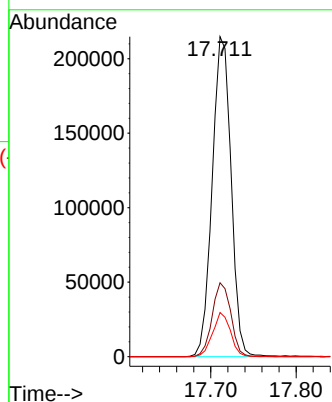
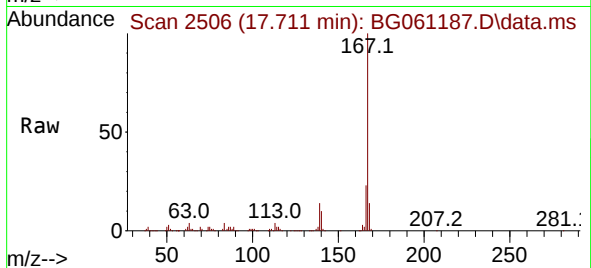
Tgt Ion:167 Resp: 330166

Ion Ratio Lower Upper

167 100

166 23.1 18.7 28.1

139 13.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.754 ng

RT: 18.275 min Scan# 2602

Delta R.T. -0.027 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

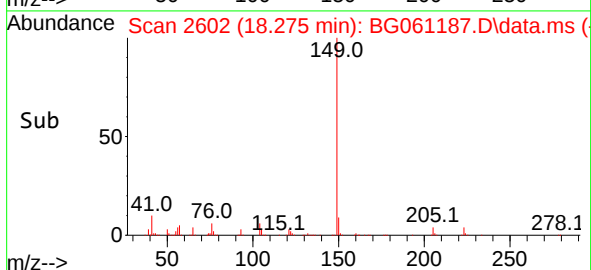
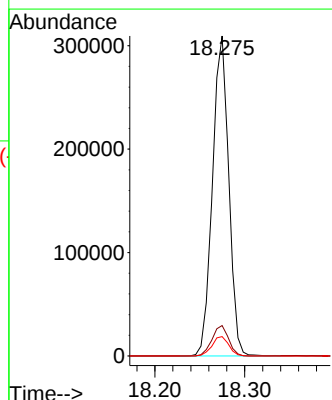
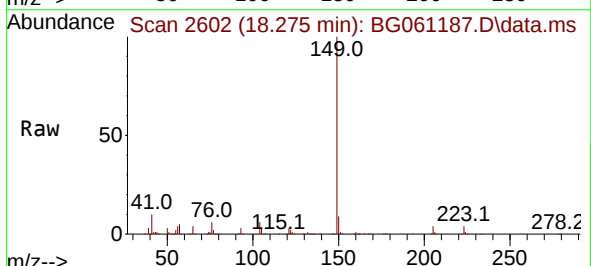
Tgt Ion:149 Resp: 389401

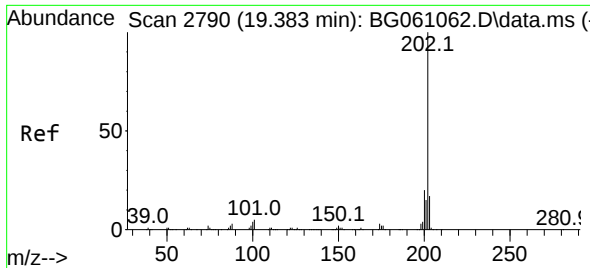
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 6.0 5.0 7.6

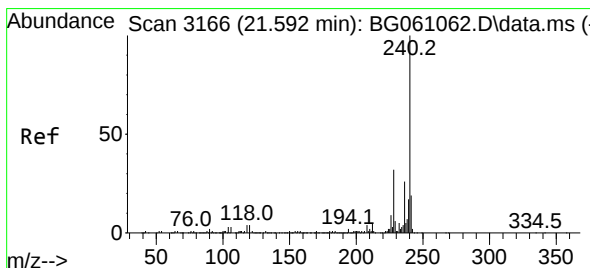
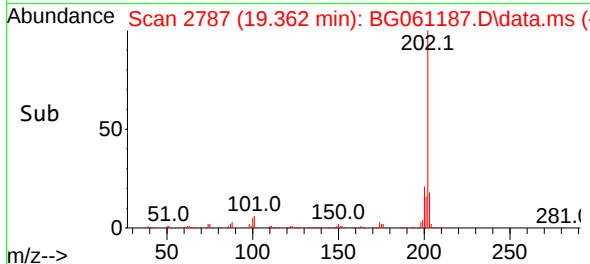
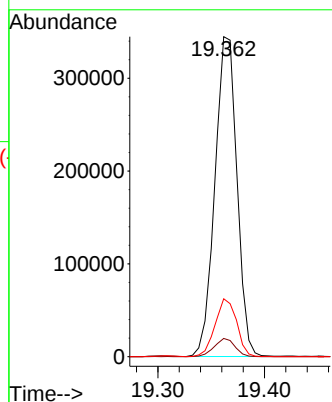
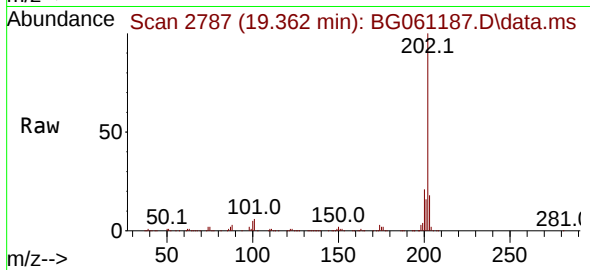




#75
Fluoranthene
Concen: 42.280 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.022 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

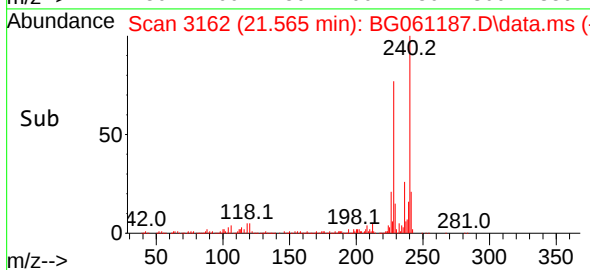
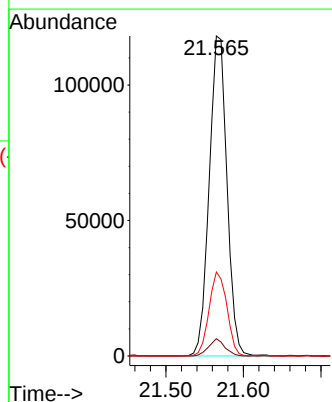
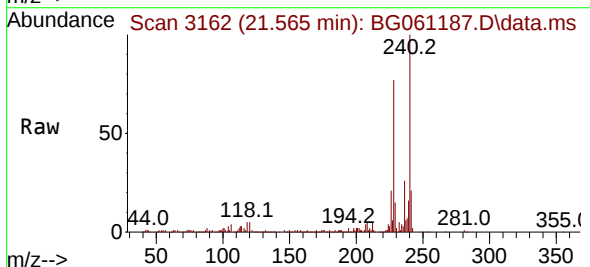
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

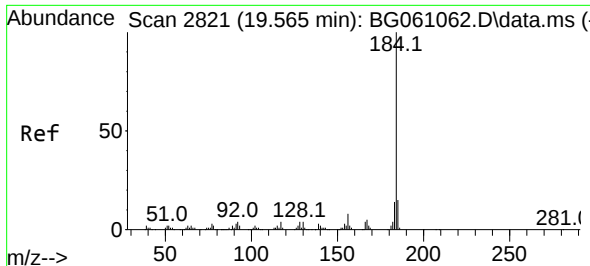
Tgt Ion:202 Resp: 494130
Ion Ratio Lower Upper
202 100
101 5.7 0.0 24.7
203 18.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:240 Resp: 187459
Ion Ratio Lower Upper
240 100
120 5.4 3.2 4.8#
236 26.2 21.0 31.6

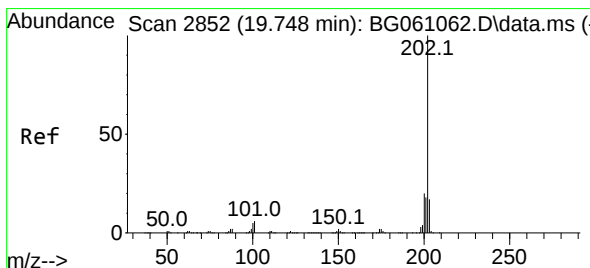
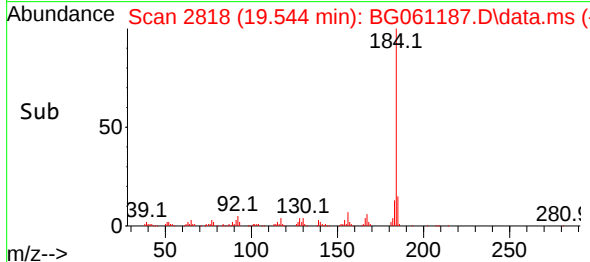
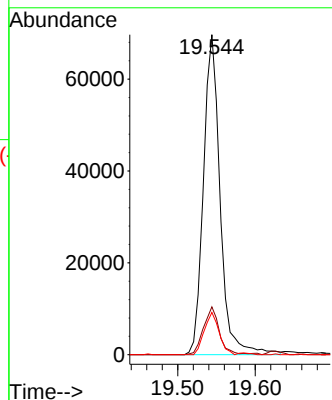
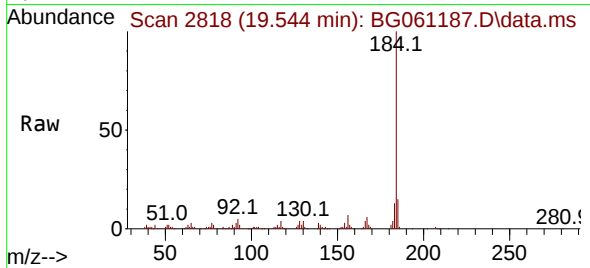




#77
Benzidine
Concen: 30.373 ng
RT: 19.544 min Scan# 2818
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

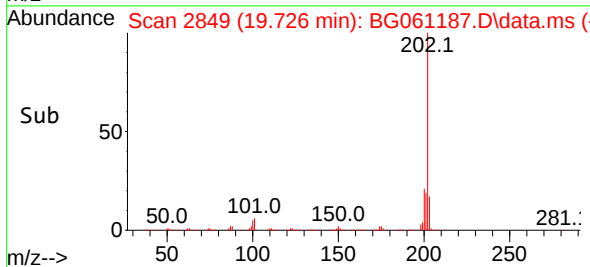
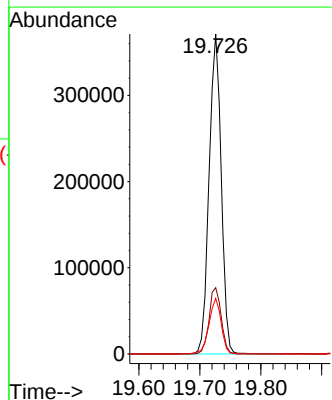
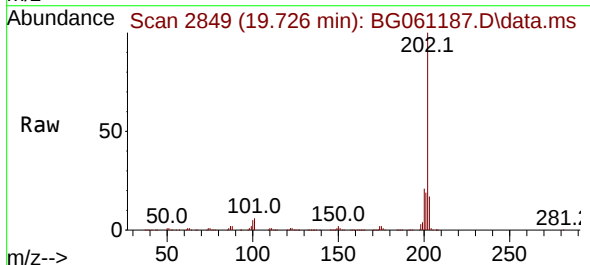
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

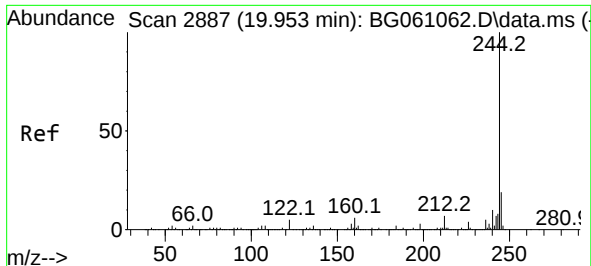
Tgt Ion:184 Resp: 104458
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 13.2 10.9 16.3



#78
Pyrene
Concen: 43.038 ng
RT: 19.726 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:202 Resp: 512921
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.4
203 17.3 13.3 19.9

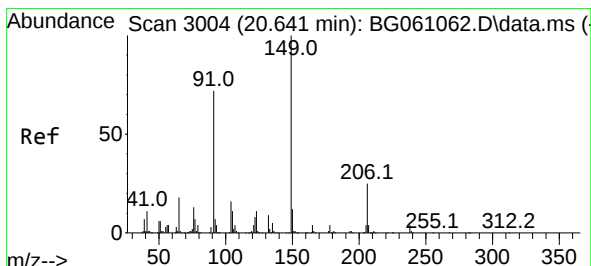
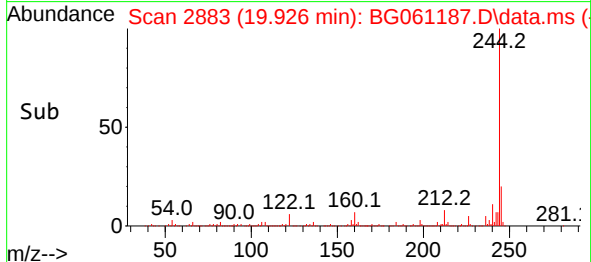
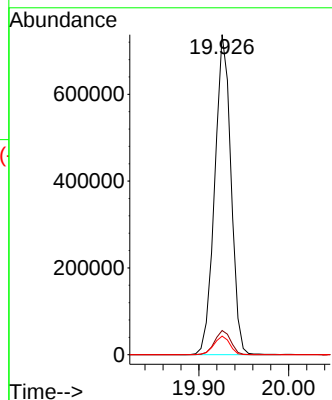
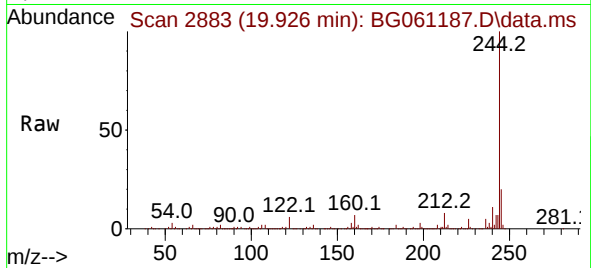




#79
 Terphenyl-d14
 Concen: 82.201 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061187.D
 Acq: 14 May 2024 12:49

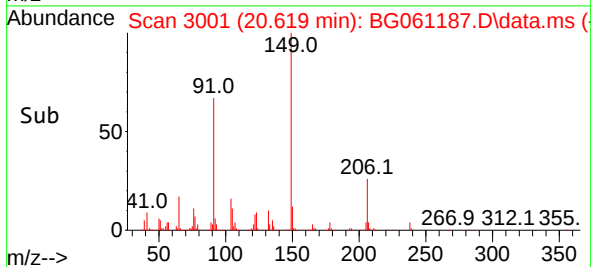
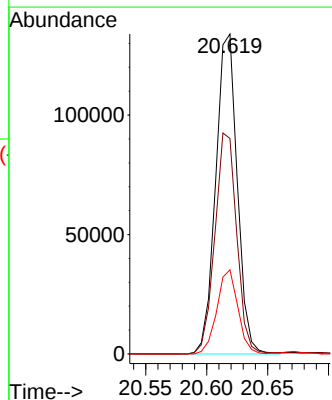
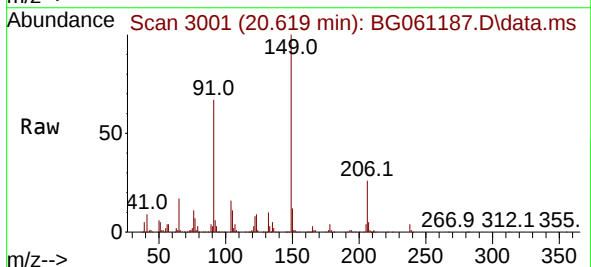
Instrument :
 BNA_G
 ClientSampleId :
 PB160877BSD

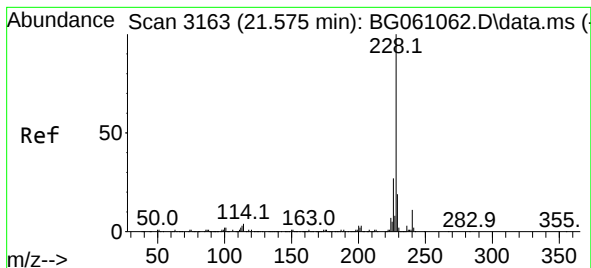
Tgt Ion:244 Resp: 926524
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.8 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 43.760 ng
 RT: 20.619 min Scan# 3001
 Delta R.T. -0.021 min
 Lab File: BG061187.D
 Acq: 14 May 2024 12:49

Tgt Ion:149 Resp: 165085
 Ion Ratio Lower Upper
 149 100
 91 67.3 57.4 86.2
 206 26.3 19.8 29.6





#81

Benzo(a)anthracene

Concen: 44.219 ng

RT: 21.547 min Scan# 31

Delta R.T. -0.027 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

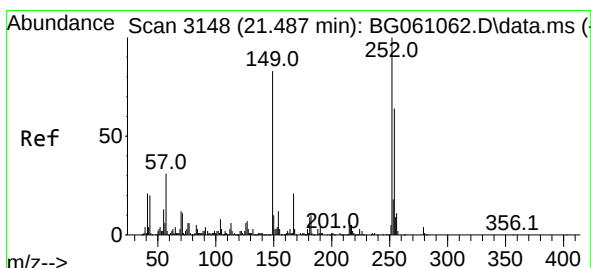
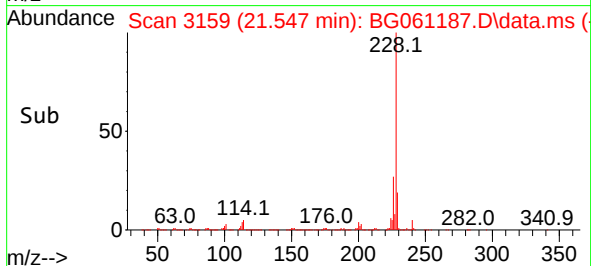
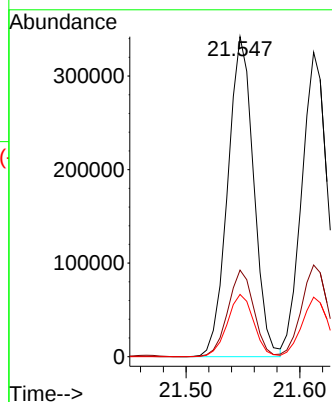
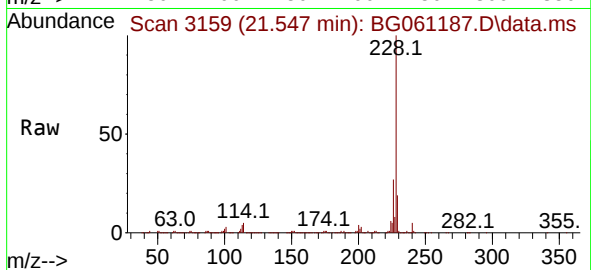
Tgt Ion:228 Resp: 542424

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.4 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 30.815 ng

RT: 21.465 min Scan# 3145

Delta R.T. -0.021 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

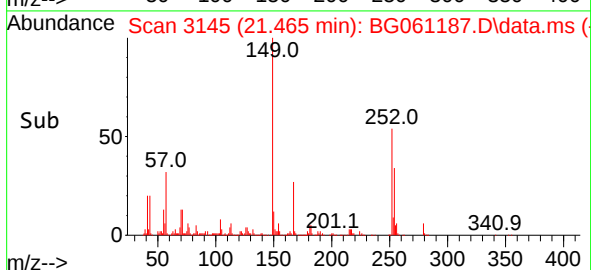
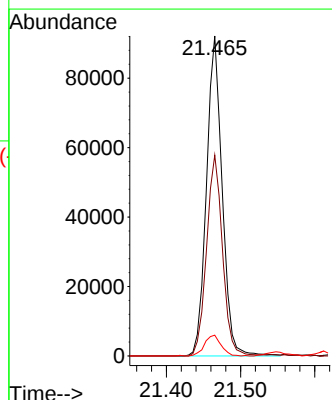
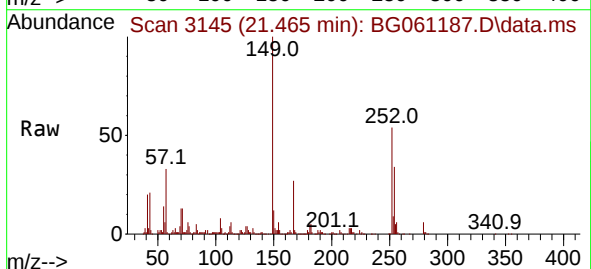
Tgt Ion:252 Resp: 136036

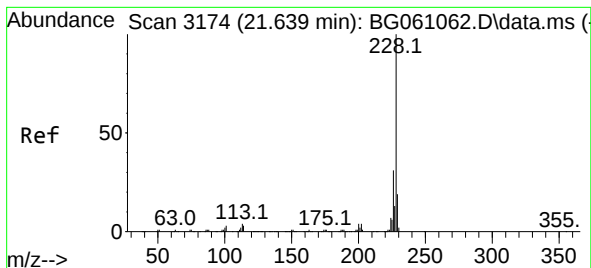
Ion Ratio Lower Upper

252 100

254 62.7 51.3 76.9

126 6.5 5.2 7.8





#83

Chrysene

Concen: 44.215 ng

RT: 21.612 min Scan# 3170

Delta R.T. -0.027 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

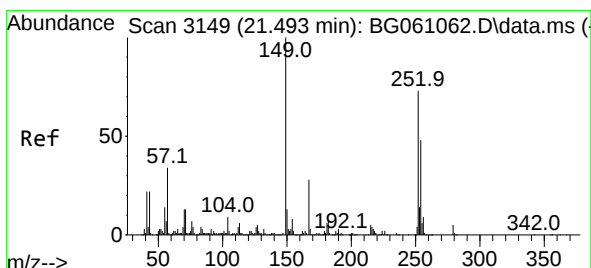
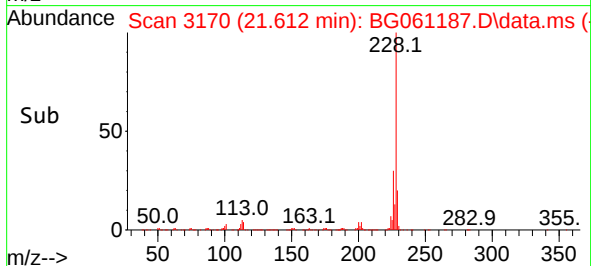
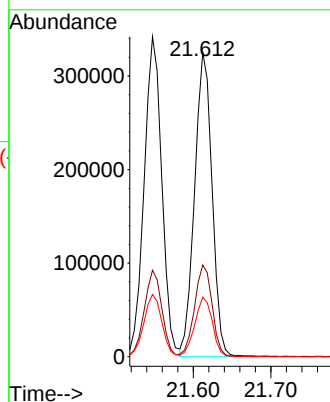
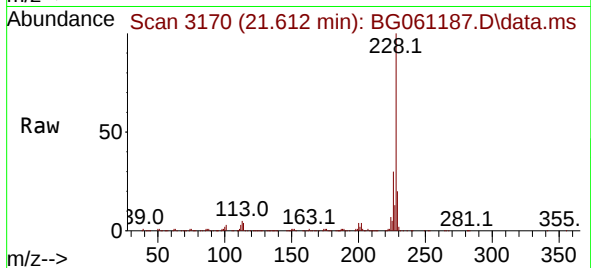
Tgt Ion:228 Resp: 508157

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.6 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.334 ng

RT: 21.465 min Scan# 3145

Delta R.T. -0.027 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

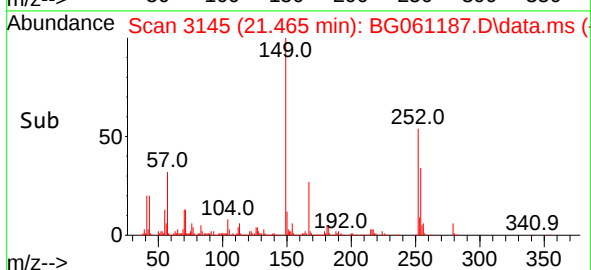
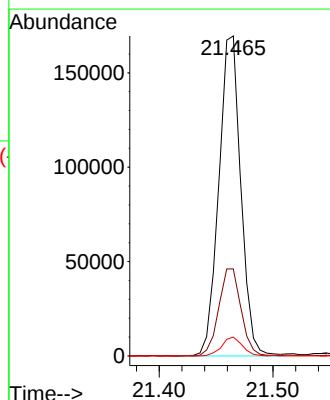
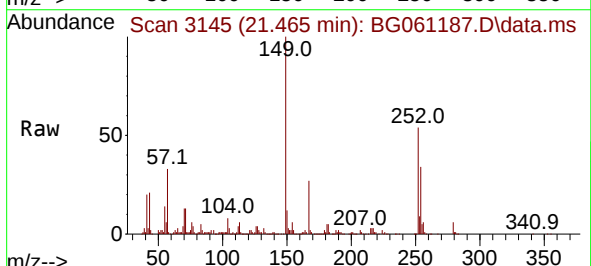
Tgt Ion:149 Resp: 228252

Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 44.536 ng

RT: 22.640 min Scan# 31

Delta R.T. -0.039 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

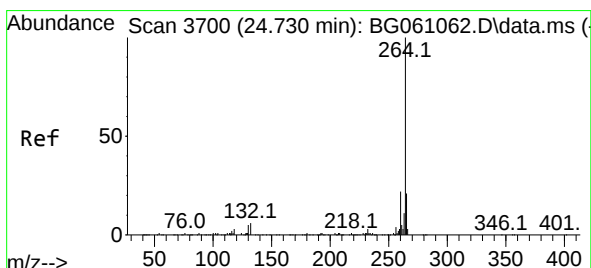
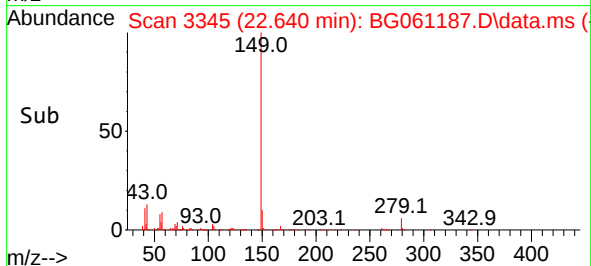
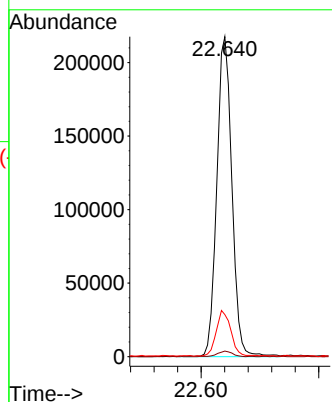
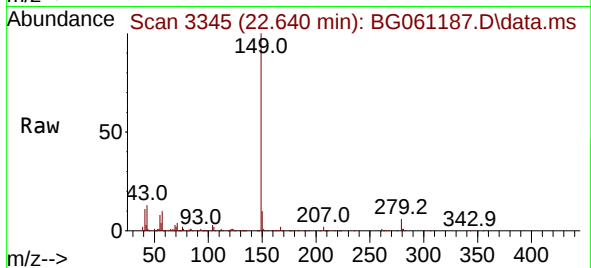
Tgt Ion:149 Resp: 387081

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 13.8 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.691 min Scan# 3694

Delta R.T. -0.039 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

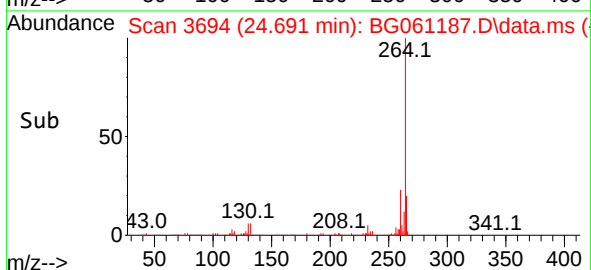
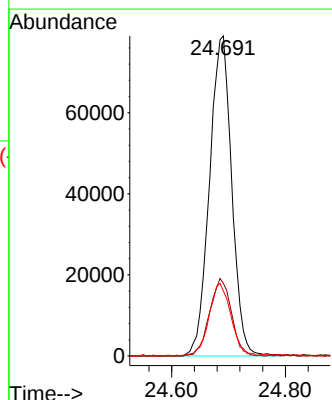
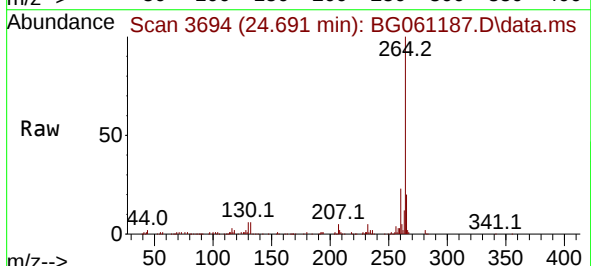
Tgt Ion:264 Resp: 214338

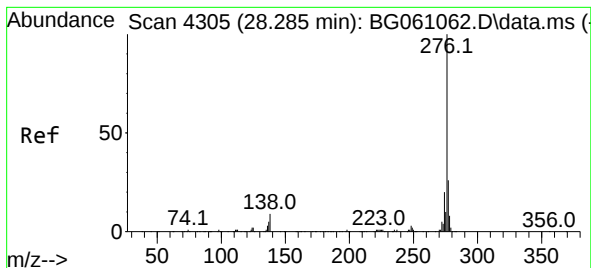
Ion Ratio Lower Upper

264 100

260 22.7 17.7 26.5

265 20.3 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.620 ng

RT: 28.228 min Scan# 41

Delta R.T. -0.057 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

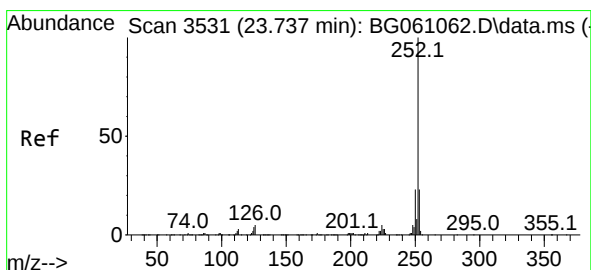
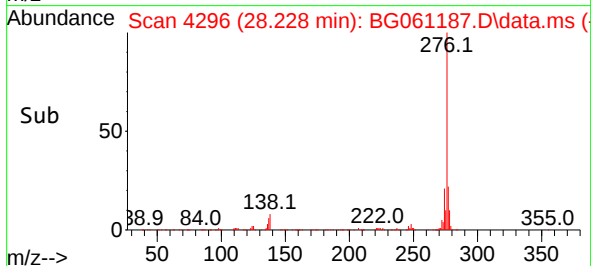
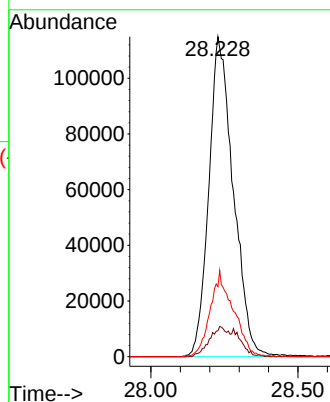
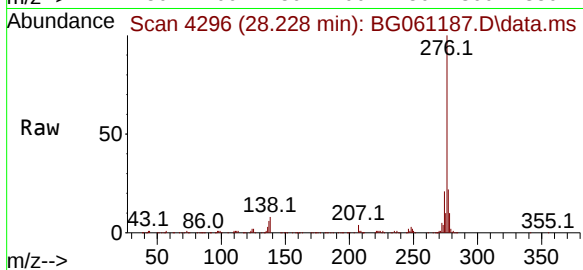
Tgt Ion:276 Resp: 662213

Ion Ratio Lower Upper

276 100

138 7.2 5.1 7.7

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 43.652 ng

RT: 23.698 min Scan# 3525

Delta R.T. -0.039 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

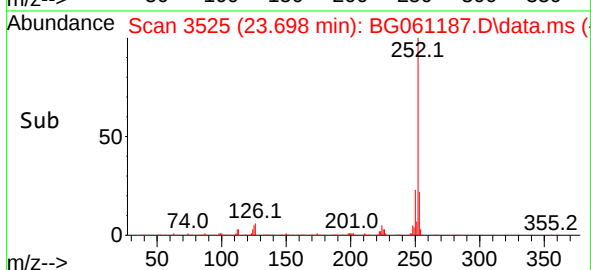
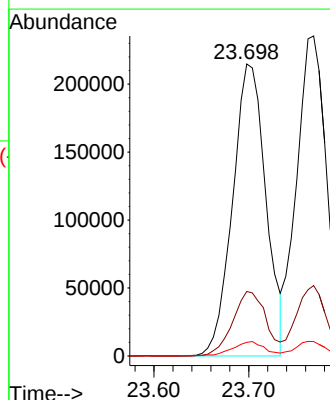
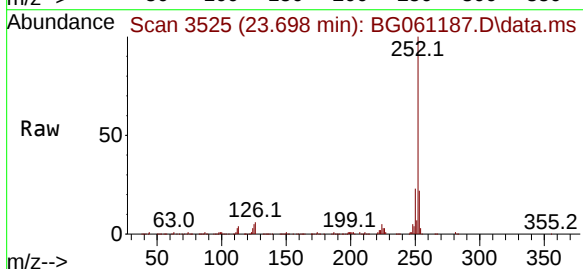
Tgt Ion:252 Resp: 522836

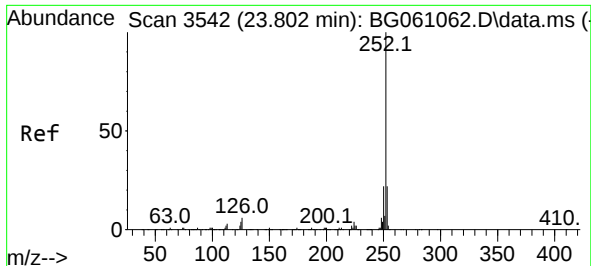
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 4.7 3.4 5.0

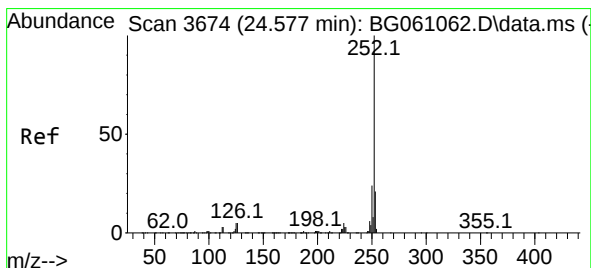
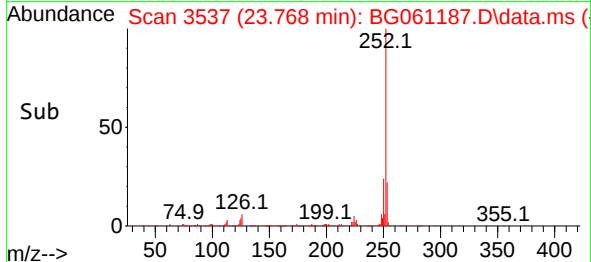
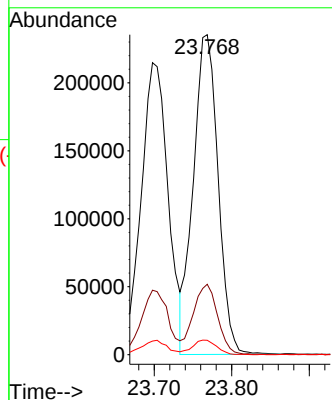
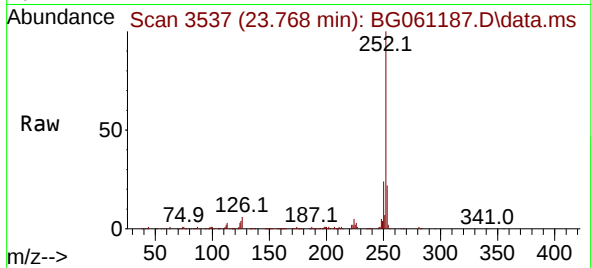




#89
Benzo(k)fluoranthene
Concen: 45.270 ng
RT: 23.768 min Scan# 31
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

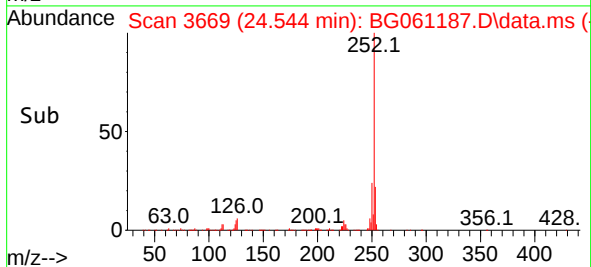
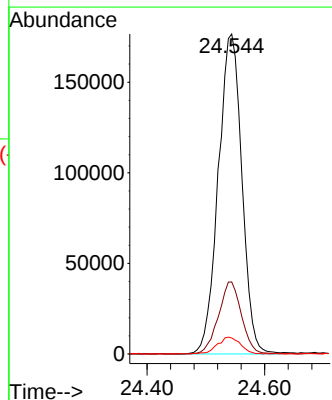
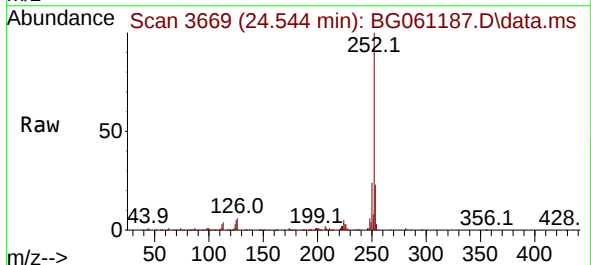
Instrument :
BNA_G
ClientSampleId :
PB160877BSD

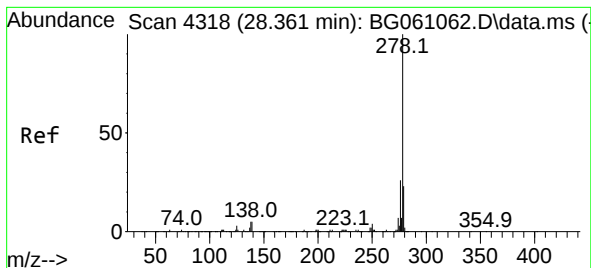
Tgt Ion:252 Resp: 521624
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 4.5 3.2 4.8



#90
Benzo(a)pyrene
Concen: 47.134 ng
RT: 24.544 min Scan# 3669
Delta R.T. -0.033 min
Lab File: BG061187.D
Acq: 14 May 2024 12:49

Tgt Ion:252 Resp: 491833
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 5.0 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 45.931 ng

RT: 28.293 min Scan# 41

Delta R.T. -0.069 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Instrument :

BNA_G

ClientSampleId :

PB160877BSD

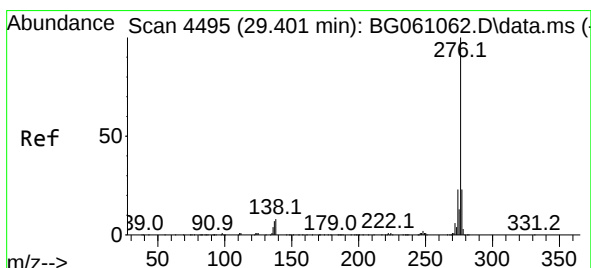
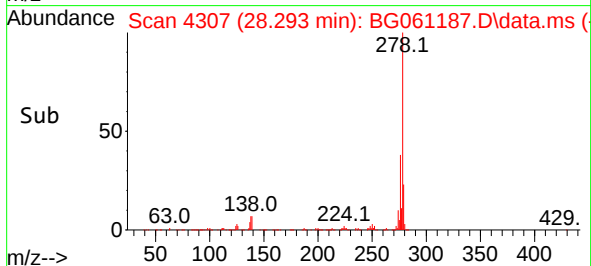
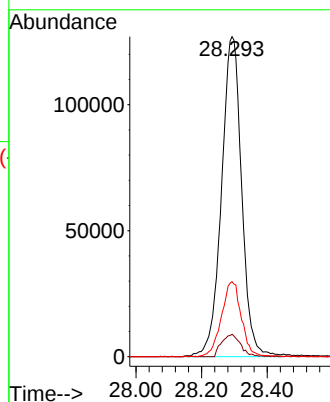
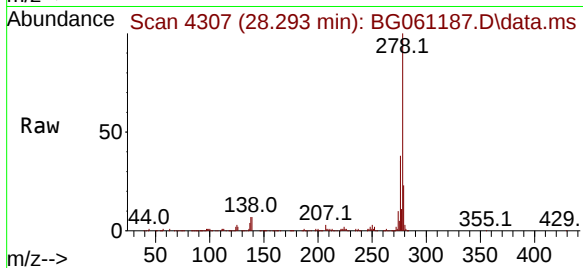
Tgt Ion:278 Resp: 540307

Ion Ratio Lower Upper

278 100

139 7.0 4.2 6.2#

279 23.5 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 43.411 ng

RT: 29.338 min Scan# 4485

Delta R.T. -0.063 min

Lab File: BG061187.D

Acq: 14 May 2024 12:49

Tgt Ion:276 Resp: 507472

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.4

138 9.1 6.2 9.2

