

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061197.D
 Acq On : 14 May 2024 20:00
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 15 01:19:34 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	7.931	152	30624	20.000	ng	-0.03
21) Naphthalene-d8	10.728	136	101700	20.000	ng	-0.03
39) Acenaphthene-d10	14.565	164	74859	20.000	ng	-0.02
64) Phenanthrene-d10	17.309	188	168178	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	172691	20.000	ng	#-0.02
86) Perylene-d12	24.694	264	217054	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	116310	77.241	ng	-0.02
7) Phenol-d6	7.115	99	160837	72.203	ng	-0.02
23) Nitrobenzene-d5	9.089	82	171242	83.469	ng	-0.03
42) 2,4,6-Tribromophenol	16.057	330	102646	68.600	ng	-0.02
45) 2-Fluorobiphenyl	13.184	172	431637	85.263	ng	-0.02
79) Terphenyl-d14	19.929	244	786548	75.750	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	19478	31.992	ng	98
3) Pyridine	3.830	79	55783	31.136	ng	96
4) n-Nitrosodimethylamine	3.748	42	51720	30.047	ng	97
6) Aniline	7.256	93	71667	32.454	ng	# 96
8) 2-Chlorophenol	7.502	128	66474	35.983	ng	96
9) Benzaldehyde	7.074	77	49010	41.004	ng	94
10) Phenol	7.138	94	78500	34.653	ng	98
11) bis(2-Chloroethyl)ether	7.356	93	56875	36.343	ng	99
12) 1,3-Dichlorobenzene	7.820	146	81713	37.520	ng	95
13) 1,4-Dichlorobenzene	7.967	146	81363	36.147	ng	94
14) 1,2-Dichlorobenzene	8.284	146	78648	36.216	ng	93
15) Benzyl Alcohol	8.172	79	62100	30.904	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.454	45	121523	35.787	ng	99
17) 2-Methylphenol	8.384	107	53681	33.253	ng	90
18) Hexachloroethane	9.007	117	29006	36.115	ng	95
19) n-Nitroso-di-n-propyla...	8.730	70	50730	30.431	ng	# 85
20) 3+4-Methylphenols	8.713	107	74658	32.055	ng	96
22) Acetophenone	8.748	105	106848	42.187	ng	# 96
24) Nitrobenzene	9.130	77	82165	40.940	ng	98
25) Isophorone	9.653	82	141199	37.233	ng	95
26) 2-Nitrophenol	9.841	139	36239	38.111	ng	95
27) 2,4-Dimethylphenol	9.906	122	42208	38.501	ng	94
28) bis(2-Chloroethoxy)met...	10.135	93	72937	39.188	ng	98
29) 2,4-Dichlorophenol	10.381	162	66548	38.743	ng	93
30) 1,2,4-Trichlorobenzene	10.593	180	83035	40.120	ng	97
31) Naphthalene	10.781	128	207745	39.304	ng	98
32) Benzoic acid	10.058	122	28274	22.310	ng	# 84
33) 4-Chloroaniline	10.881	127	74129	35.166	ng	97
34) Hexachlorobutadiene	11.057	225	78856	44.404	ng	90
35) Caprolactam	11.674	113	17599	28.451	ng	94
36) 4-Chloro-3-methylphenol	12.021	107	70743	34.155	ng	95
37) 2-Methylnaphthalene	12.385	142	141718	35.780	ng	98
38) 1-Methylnaphthalene	12.602	142	138264	34.675	ng	93
40) 1,2,4,5-Tetrachloroben...	12.755	216	109073	43.659	ng	98
41) Hexachlorocyclopentadiene	12.738	237	4648	4.860	ng	# 76
43) 2,4,6-Trichlorophenol	12.996	196	65606	40.904	ng	97

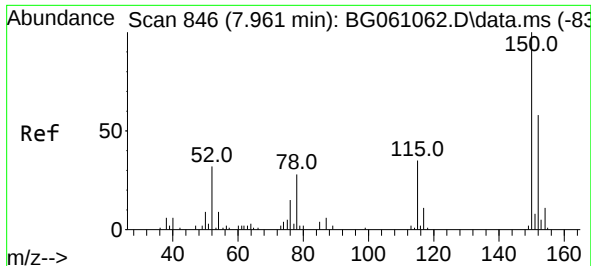
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	72263	39.809	ng	97
46) 1,1'-Biphenyl	13.396	154	196471	40.933	ng	96
47) 2-Chloronaphthalene	13.437	162	162617	42.310	ng	97
48) 2-Nitroaniline	13.636	65	55971	39.244	ng	95
49) Acenaphthylene	14.283	152	244353	41.394	ng	96
50) Dimethylphthalate	14.012	163	209708	36.269	ng	100
51) 2,6-Dinitrotoluene	14.142	165	45192	36.541	ng	93
52) Acenaphthene	14.624	154	142033	38.569	ng	96
53) 3-Nitroaniline	14.465	138	40898	36.141	ng	93
54) 2,4-Dinitrophenol	14.688	184	2399	4.868	ng #	88
55) Dibenzofuran	14.958	168	237970	38.258	ng	96
56) 4-Nitrophenol	14.800	139	28501	31.165	ng	95
57) 2,4-Dinitrotoluene	14.935	165	62044	33.908	ng	90
58) Fluorene	15.611	166	197545	36.702	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.193	232	66969	35.838	ng	100
60) Diethylphthalate	15.381	149	197574	33.885	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	118128	36.551	ng	96
62) 4-Nitroaniline	15.634	138	45190	36.820	ng	100
63) Azobenzene	15.899	77	166530	36.689	ng	95
65) 4,6-Dinitro-2-methylph...	15.699	198	6864	6.578	ng	86
66) n-Nitrosodiphenylamine	15.816	169	171498	41.122	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	83977	42.388	ng	95
68) Hexachlorobenzene	16.621	284	100532	40.770	ng	98
69) Atrazine	16.768	200	63017	36.639	ng	94
70) Pentachlorophenol	16.968	266	51167	33.776	ng	94
71) Phenanthrene	17.350	178	301393	39.194	ng	100
72) Anthracene	17.444	178	301635	39.311	ng	98
73) Carbazole	17.714	167	263315	39.030	ng	100
74) Di-n-butylphthalate	18.272	149	306667	38.227	ng	99
75) Fluoranthene	19.365	202	402325	38.190	ng	99
77) Benzidine	19.547	184	120891	37.441	ng	97
78) Pyrene	19.729	202	415386	37.835	ng	98
80) Butylbenzylphthalate	20.616	149	131370	37.801	ng	99
81) Benzo(a)anthracene	21.551	228	428625	37.930	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	156046	38.371	ng	98
83) Chrysene	21.615	228	407561	38.495	ng	98
84) Bis(2-ethylhexyl)phtha...	21.463	149	185690	40.917	ng	99
85) Di-n-octyl phthalate	22.644	149	324115	40.481	ng	98
87) Indeno(1,2,3-cd)pyrene	28.249	276	415834	28.908	ng #	73
88) Benzo(b)fluoranthene	23.707	252	429781	35.434	ng	99
89) Benzo(k)fluoranthene	23.772	252	450332	38.593	ng	99
90) Benzo(a)pyrene	24.553	252	383642	36.306	ng	99
91) Dibenzo(a,h)anthracene	28.302	278	385513	32.362	ng #	97
92) Benzo(g,h,i)perylene	29.353	276	301159	25.440	ng	97

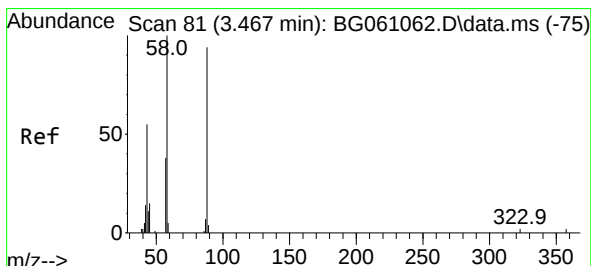
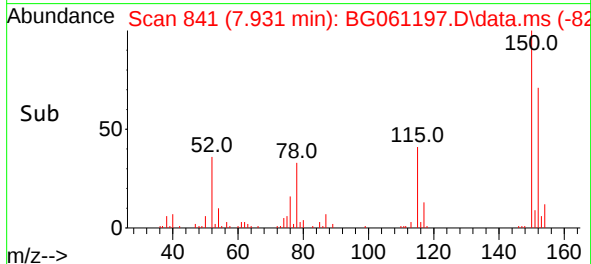
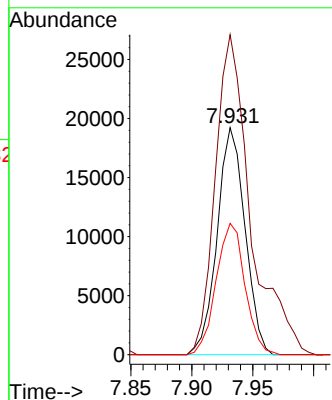
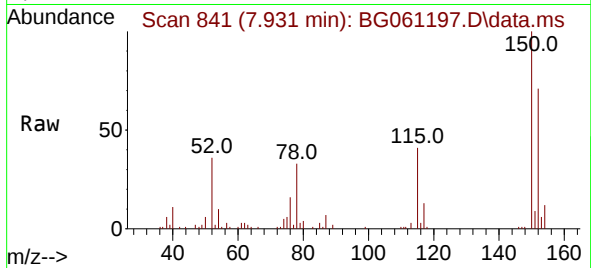
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.931 min Scan# 84
 Delta R.T. -0.030 min
 Lab File: BG061197.D
 Acq: 14 May 2024 20:00

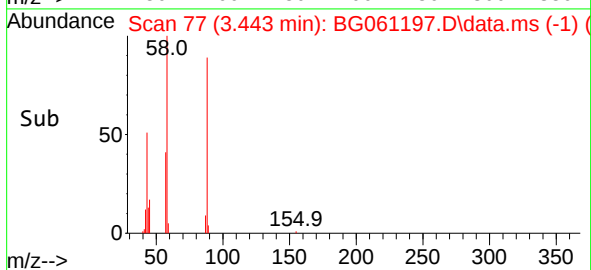
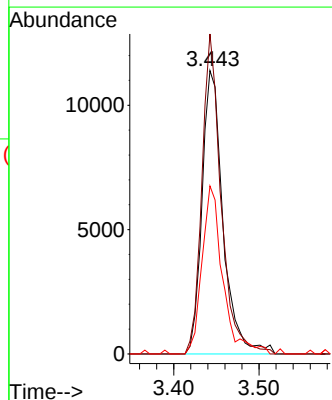
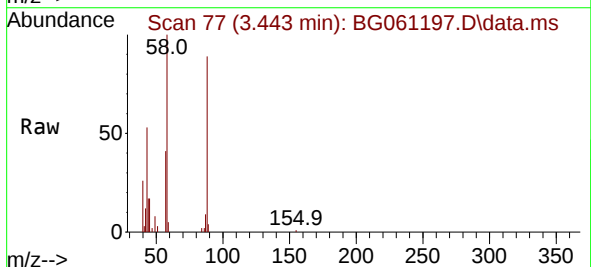
Instrument :
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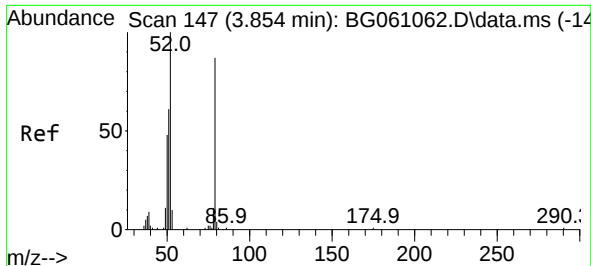
Tgt Ion:152 Resp: 30624
 Ion Ratio Lower Upper
 152 100
 150 140.9 138.3 207.5
 115 57.8 48.0 72.0



#2
 1,4-Dioxane
 Concen: 31.992 ng
 RT: 3.443 min Scan# 77
 Delta R.T. -0.024 min
 Lab File: BG061197.D
 Acq: 14 May 2024 20:00

Tgt Ion: 88 Resp: 19478
 Ion Ratio Lower Upper
 88 100
 58 103.6 81.2 121.8
 43 58.4 45.0 67.4

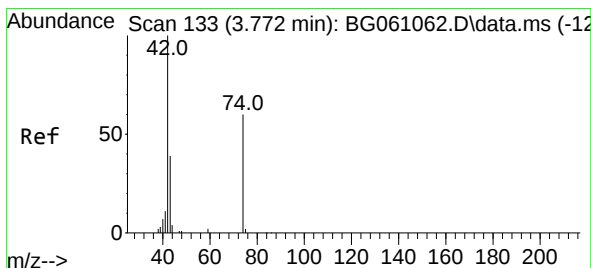
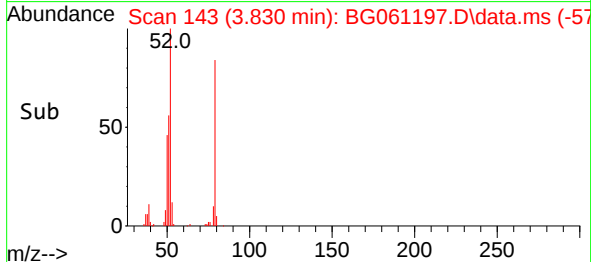
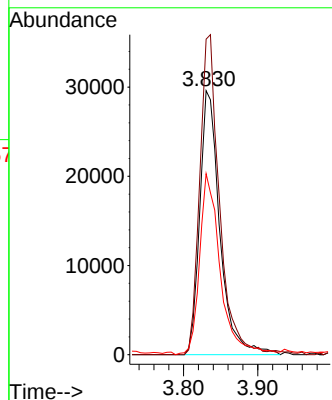
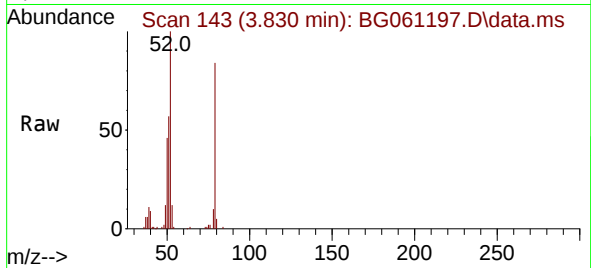




#3
Pyridine
Concen: 31.136 ng
RT: 3.830 min Scan# 147
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

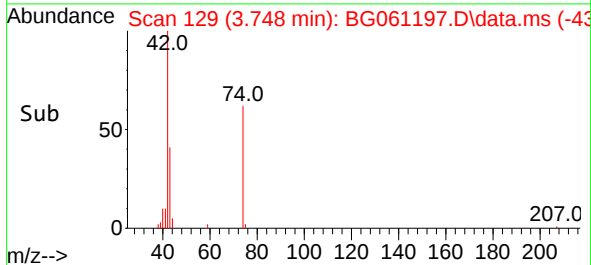
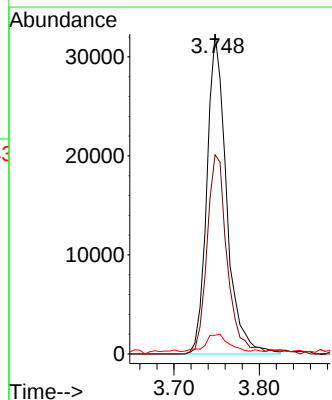
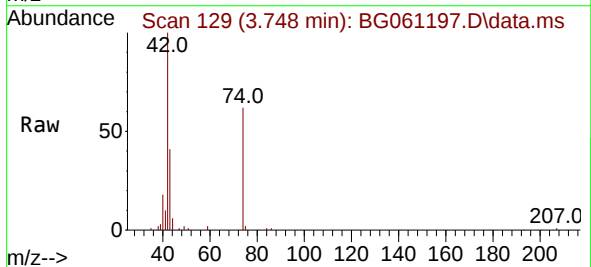
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BNA_G
ClientSampleId :
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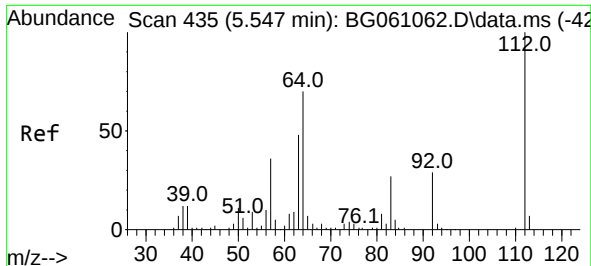
Tgt Ion: 79 Resp: 55783
Ion Ratio Lower Upper
79 100
52 119.5 91.6 137.4
51 68.6 57.0 85.4



#4
n-Nitrosodimethylamine
Concen: 30.047 ng
RT: 3.748 min Scan# 129
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 42 Resp: 51720
Ion Ratio Lower Upper
42 100
74 62.3 47.8 71.8
44 5.8 4.7 7.1

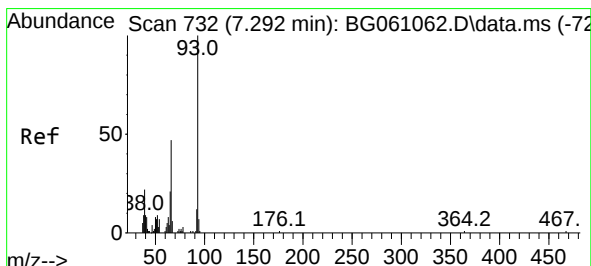
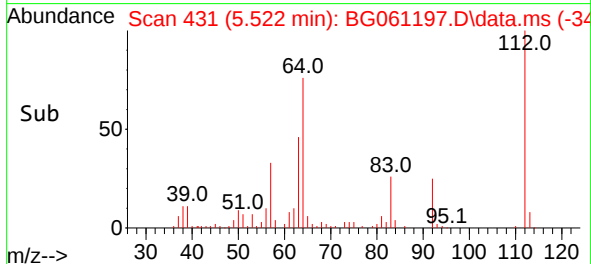
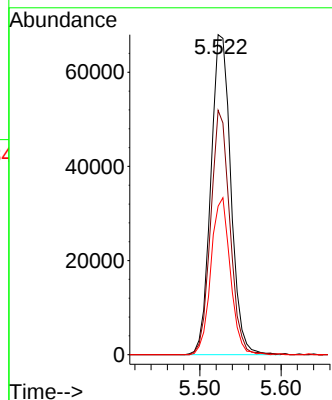
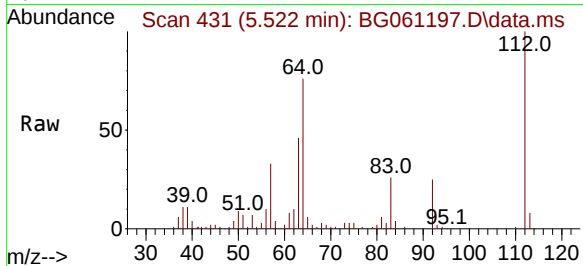




#5
2-Fluorophenol
Concen: 77.241 ng
RT: 5.522 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

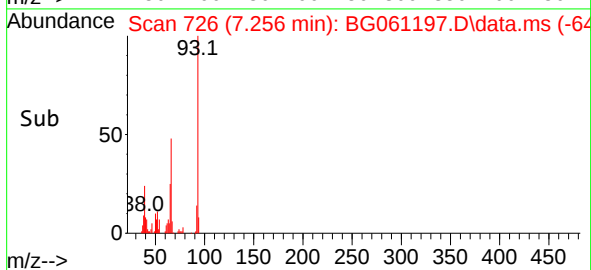
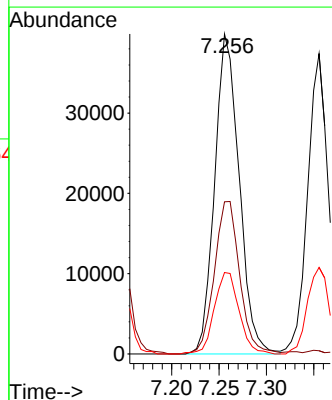
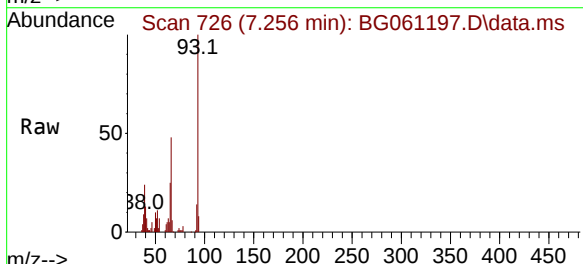
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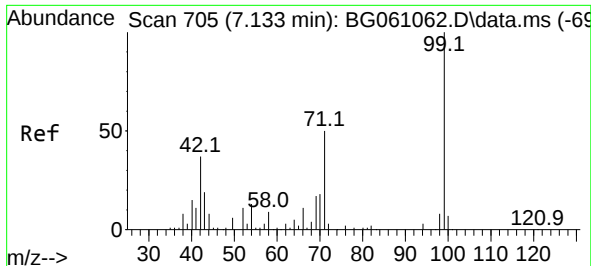
Tgt Ion:112 Resp: 116310
Ion Ratio Lower Upper
112 100
64 76.3 55.7 83.5
63 46.4 38.1 57.1



#6
Aniline
Concen: 32.454 ng
RT: 7.256 min Scan# 726
Delta R.T. -0.036 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 93 Resp: 71667
Ion Ratio Lower Upper
93 100
66 47.6 37.4 56.0
65 25.5 16.6 24.8#

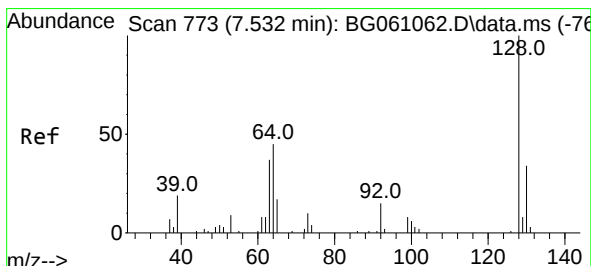
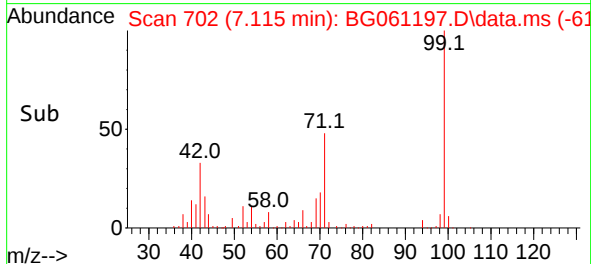
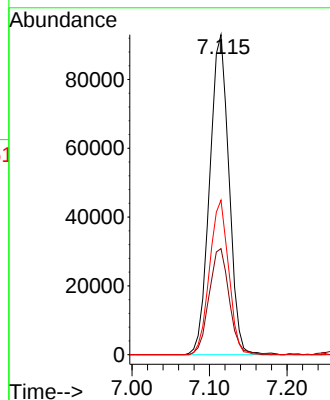
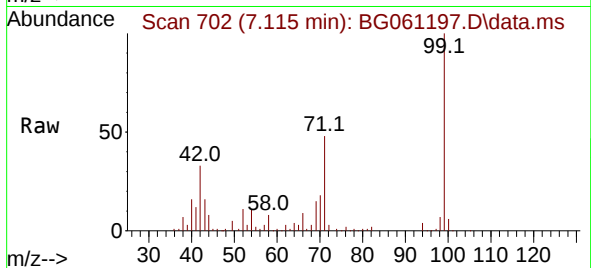




#7
Phenol-d6
Concen: 72.203 ng
RT: 7.115 min Scan# 705
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

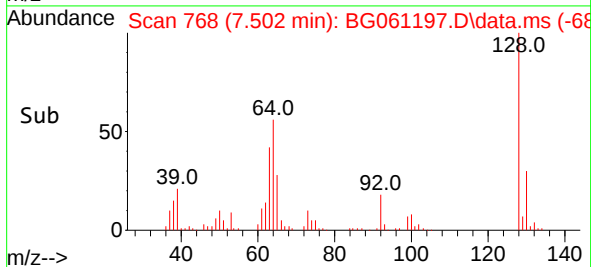
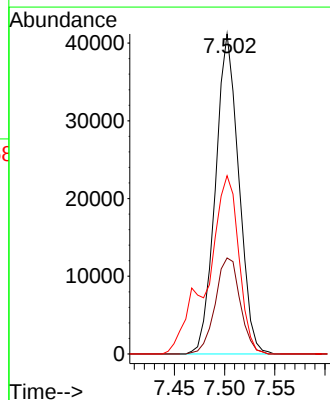
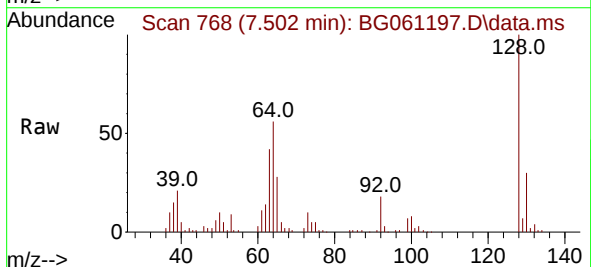
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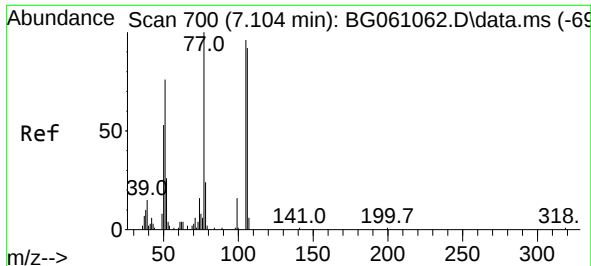
Tgt Ion: 99 Resp: 160837
Ion Ratio Lower Upper
99 100
42 33.2 29.2 43.8
71 48.3 39.7 59.5



#8
2-Chlorophenol
Concen: 35.983 ng
RT: 7.502 min Scan# 768
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:128 Resp: 66474
Ion Ratio Lower Upper
128 100
130 30.0 14.1 54.1
64 55.7 34.8 74.8

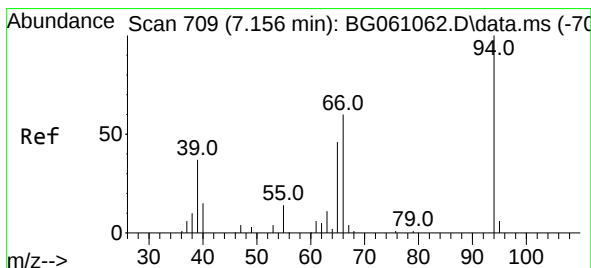
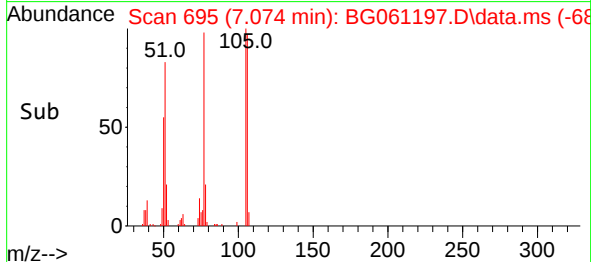
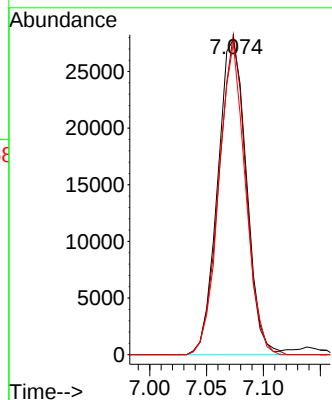
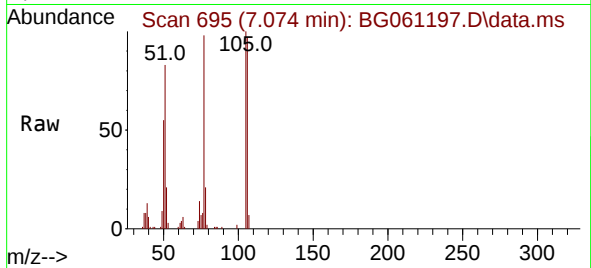




#9
Benzaldehyde
Concen: 41.004 ng
RT: 7.074 min Scan# 61
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

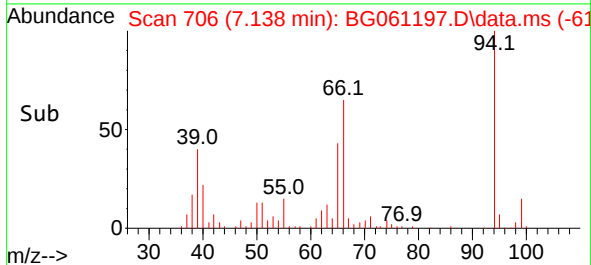
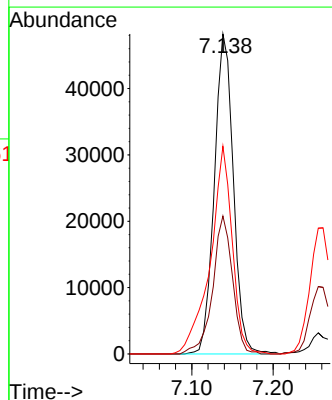
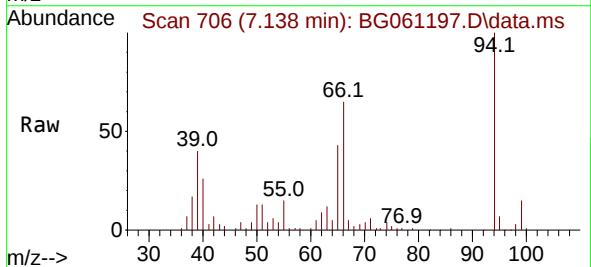
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BNA_G
ClientSampleId :
SSTDCCC040EC

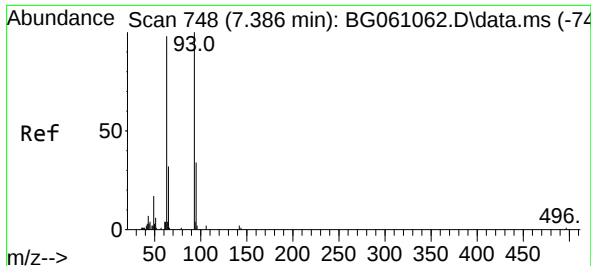
Tgt Ion: 77 Resp: 49010
Ion Ratio Lower Upper
77 100
105 101.5 76.0 116.0
106 98.9 72.3 112.3



#10
Phenol
Concen: 34.653 ng
RT: 7.138 min Scan# 706
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 94 Resp: 78500
Ion Ratio Lower Upper
94 100
65 43.1 26.8 66.8
66 64.9 44.7 84.7

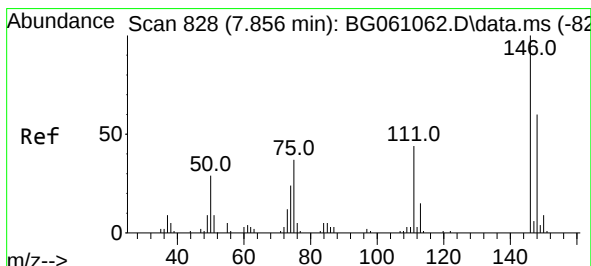
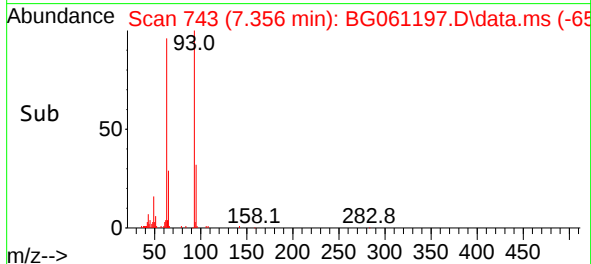
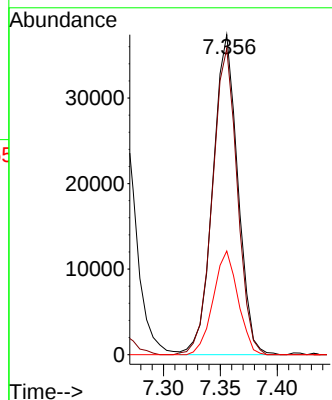
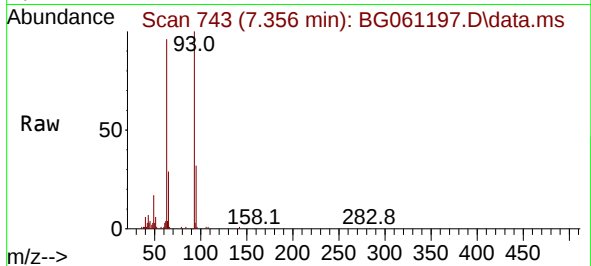




#11
bis(2-Chloroethyl)ether
Concen: 36.343 ng
RT: 7.356 min Scan# 748
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

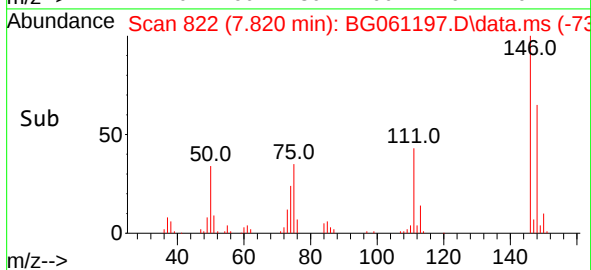
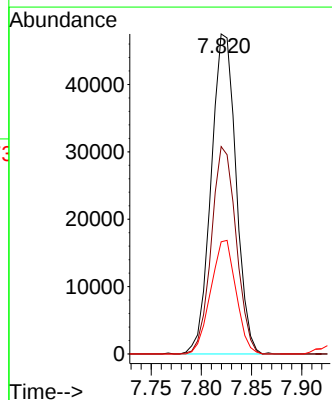
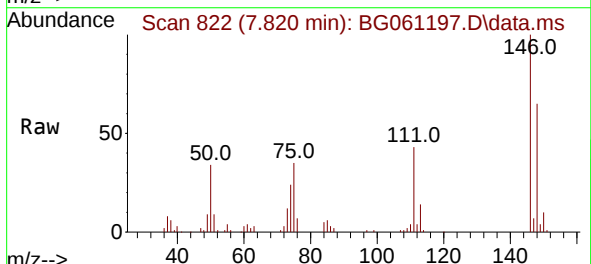
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

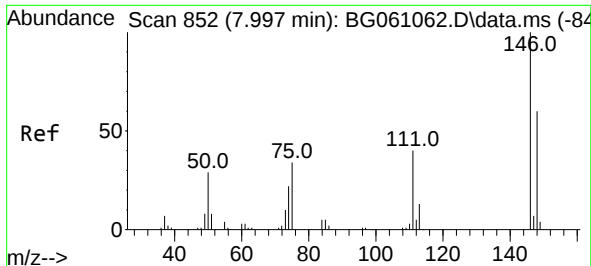
Tgt Ion: 93 Resp: 56875
Ion Ratio Lower Upper
93 100
63 95.7 76.8 116.8
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.520 ng
RT: 7.820 min Scan# 822
Delta R.T. -0.036 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:146 Resp: 81713
Ion Ratio Lower Upper
146 100
148 64.8 48.0 72.0
75 35.1 29.5 44.3

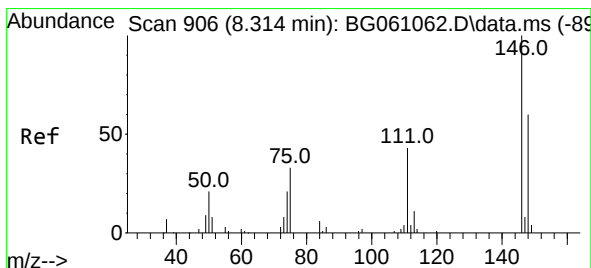
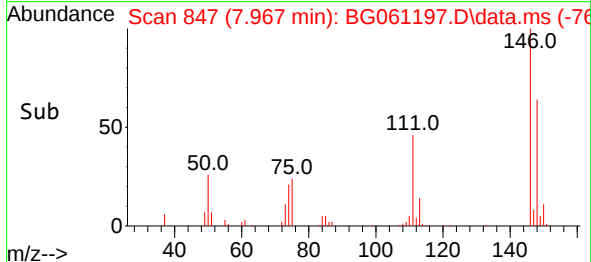
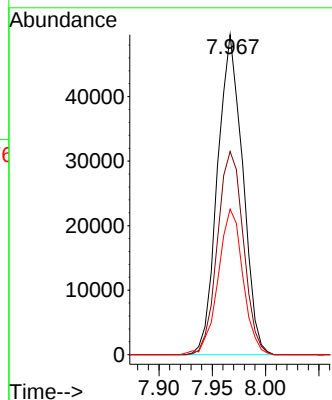
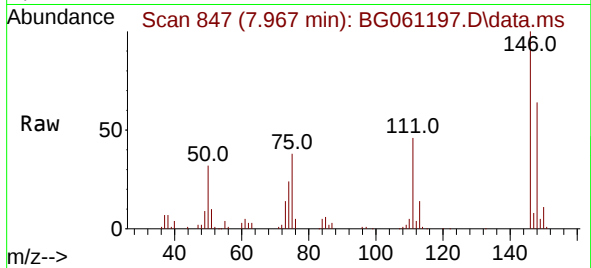




#13
1,4-Dichlorobenzene
Concen: 36.147 ng
RT: 7.967 min Scan# 84
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

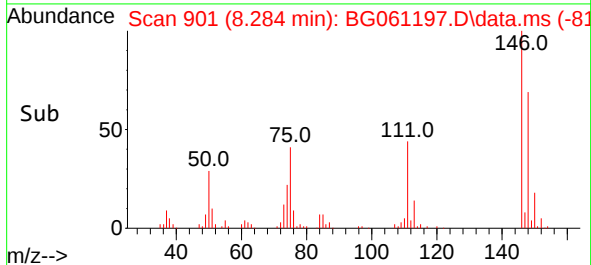
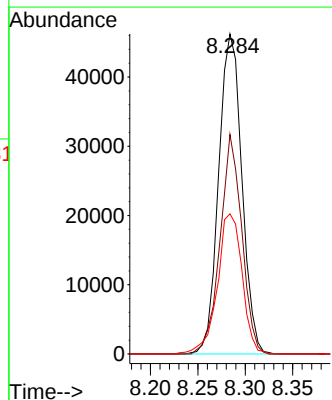
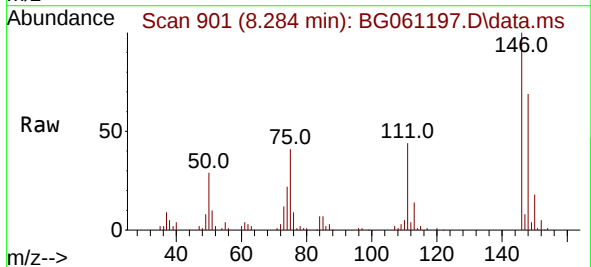
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

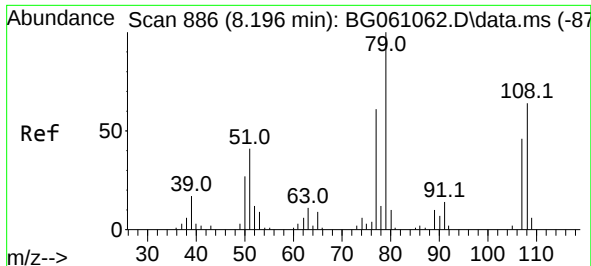
Tgt Ion:146 Resp: 81363
Ion Ratio Lower Upper
146 100
148 63.5 48.1 72.1
111 45.5 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 36.216 ng
RT: 8.284 min Scan# 901
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:146 Resp: 78648
Ion Ratio Lower Upper
146 100
148 68.6 48.2 72.2
111 43.8 36.2 54.2

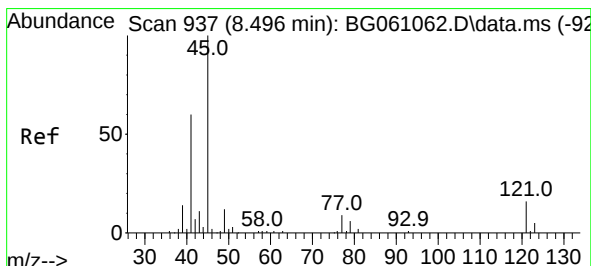
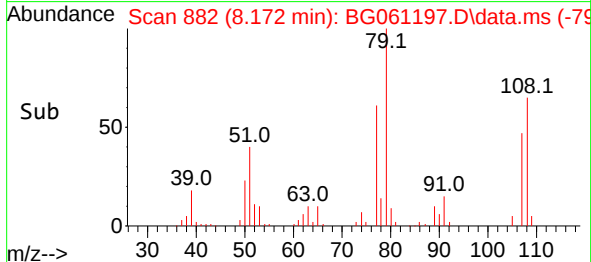
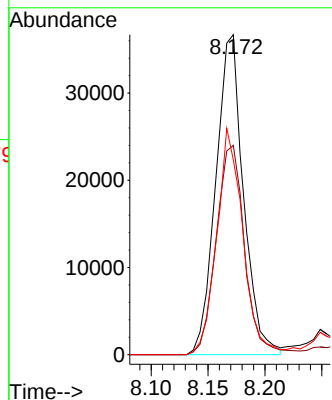
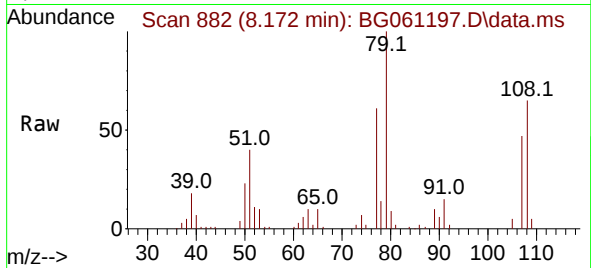




#15
Benzyl Alcohol
Concen: 30.904 ng
RT: 8.172 min Scan# 81
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

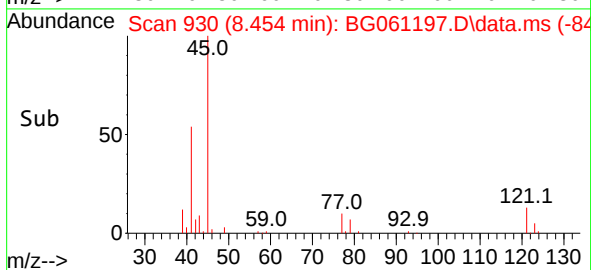
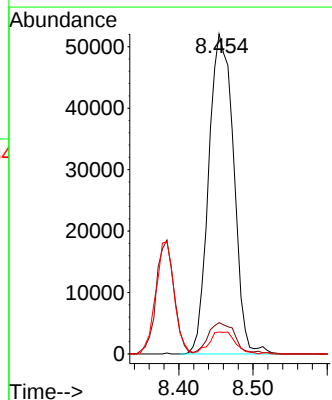
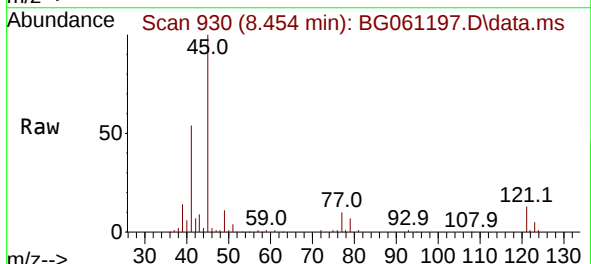
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

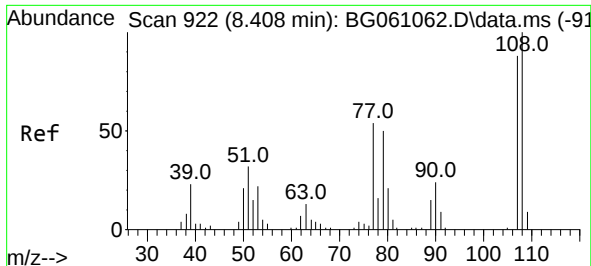
Tgt Ion: 79 Resp: 62100
Ion Ratio Lower Upper
79 100
108 65.4 51.1 76.7
77 60.9 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.787 ng
RT: 8.454 min Scan# 930
Delta R.T. -0.042 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 45 Resp: 121523
Ion Ratio Lower Upper
45 100
77 9.8 0.0 30.2
79 6.9 0.0 26.5

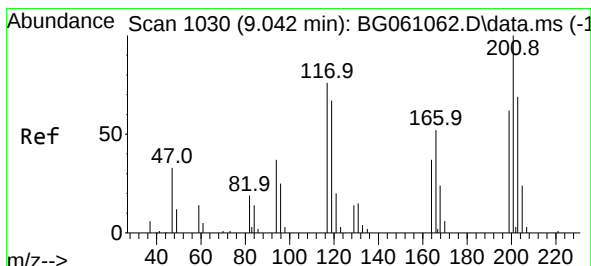
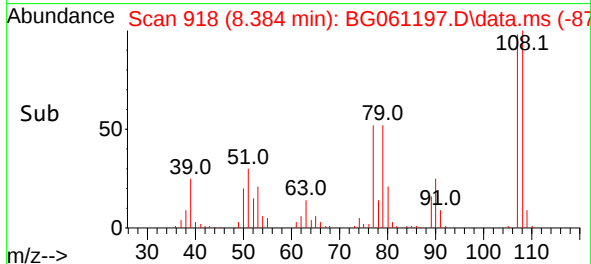
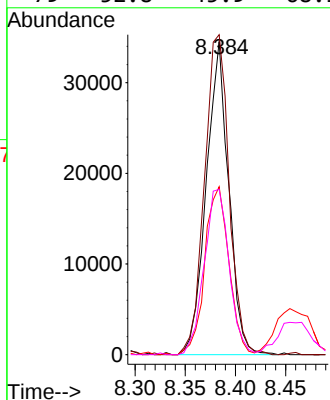
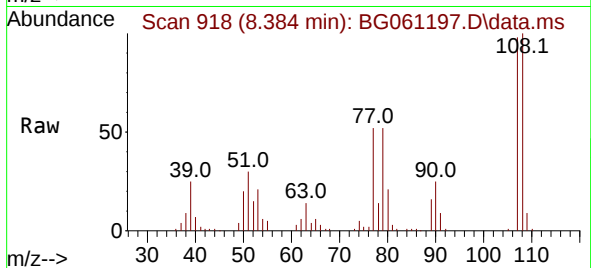




#17
2-Methylphenol
Concen: 33.253 ng
RT: 8.384 min Scan# 91
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

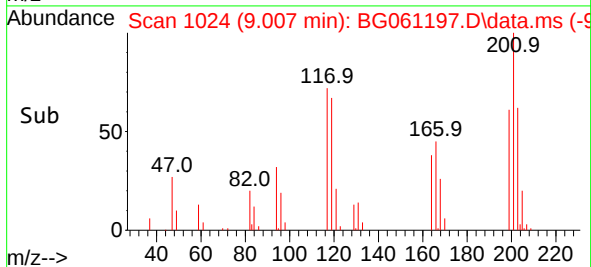
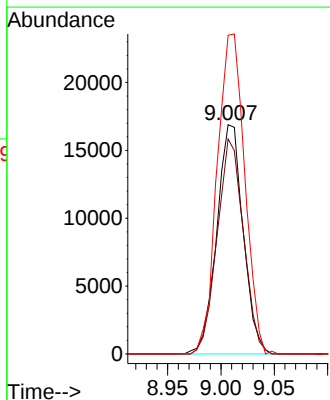
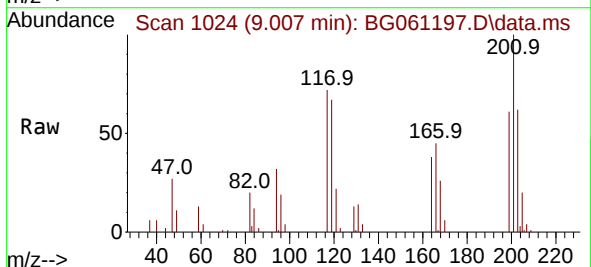
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

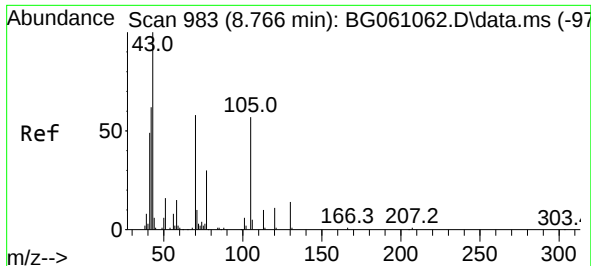
Tgt Ion:	107	Resp:	53681
Ion	Ratio	Lower	Upper
107	100		
108	102.1	91.4	137.2
77	53.6	49.4	74.2
79	52.8	45.9	68.9



#18
Hexachloroethane
Concen: 36.115 ng
RT: 9.007 min Scan# 1024
Delta R.T. -0.036 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:	117	Resp:	29006
Ion	Ratio	Lower	Upper
117	100		
119	93.8	71.4	107.0
201	139.0	105.8	158.8

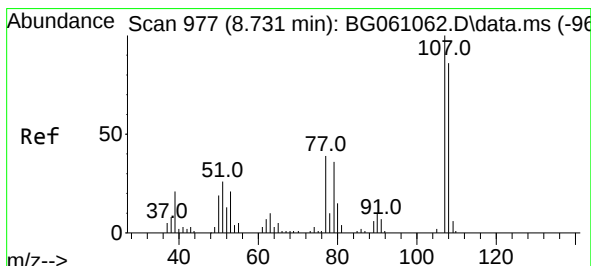
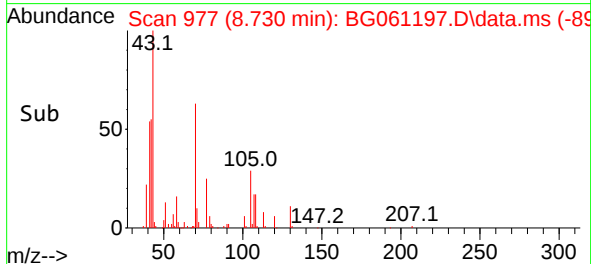
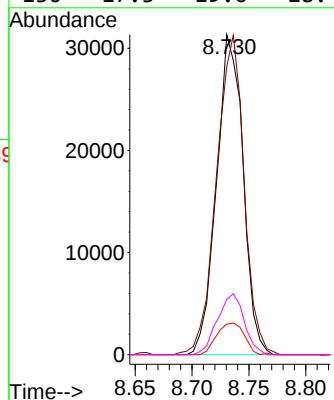
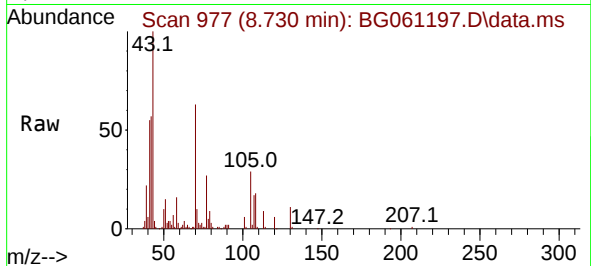




#19
n-Nitroso-di-n-propylamine
Concen: 30.431 ng
RT: 8.730 min Scan# 91
Delta R.T. -0.036 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

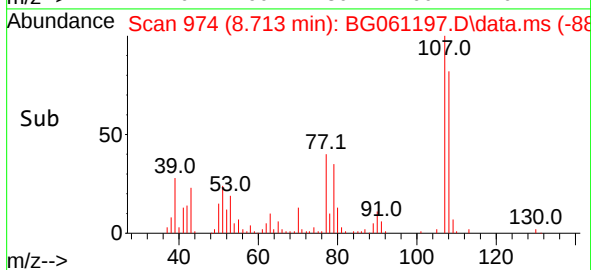
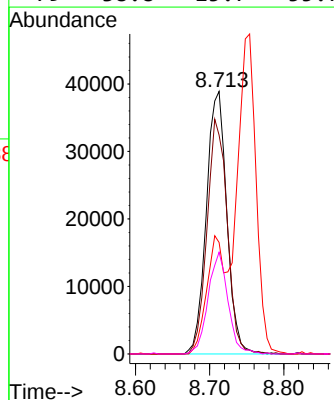
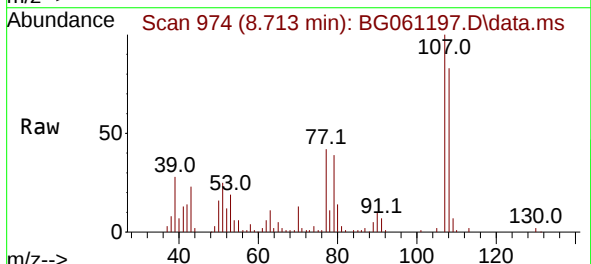
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

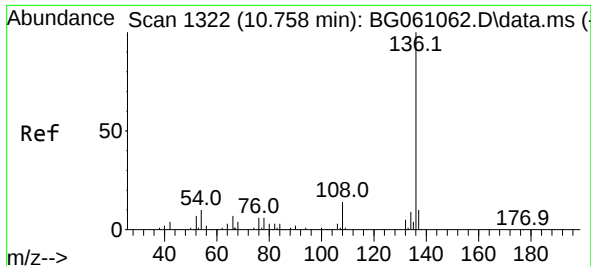
Tgt Ion:	70	Resp:	50730
Ion	Ratio	Lower	Upper
70	100		
42	90.0	86.4	129.6
101	9.6	7.8	11.8
130	17.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 32.055 ng
RT: 8.713 min Scan# 974
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:	107	Resp:	74658
Ion	Ratio	Lower	Upper
107	100		
108	83.4	65.7	105.7
77	42.5	19.4	59.4
79	38.8	15.7	55.7

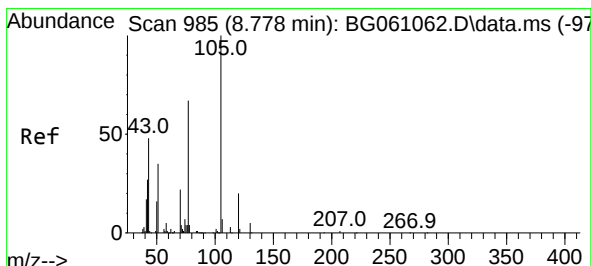
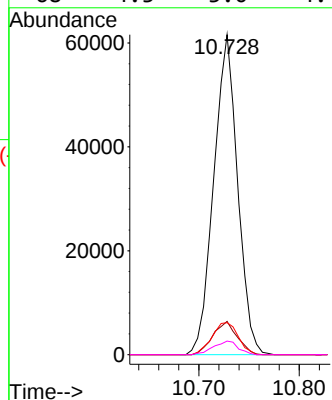
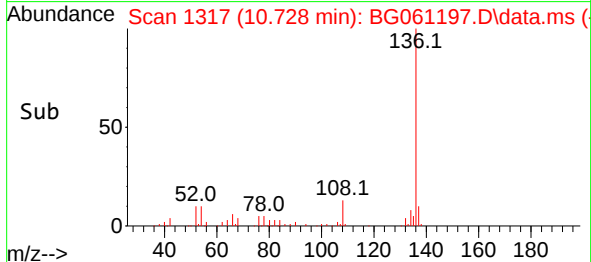
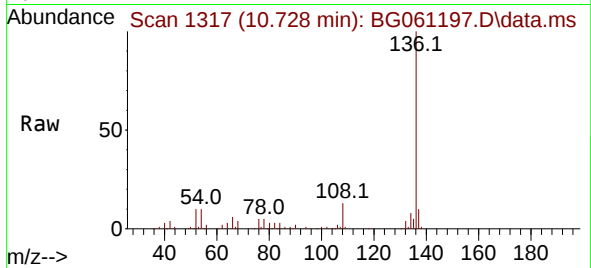




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

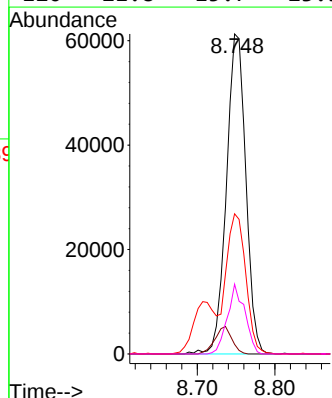
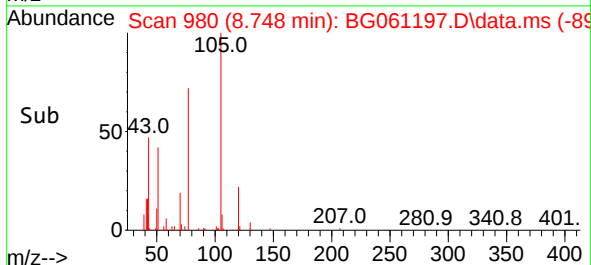
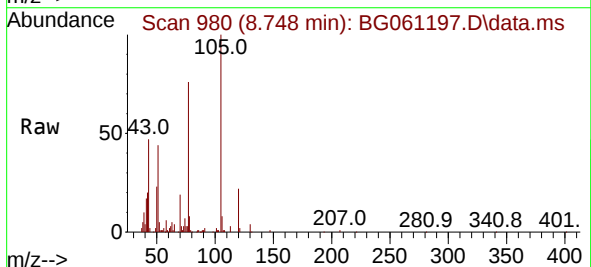
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

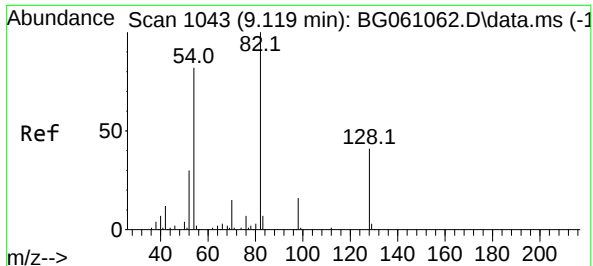
Tgt Ion:136 Resp: 101700
Ion Ratio Lower Upper
136 100
137 10.4 7.8 11.6
54 10.0 8.1 12.1
68 4.3 3.0 4.4



#22
Acetophenone
Concen: 42.187 ng
RT: 8.748 min Scan# 980
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:105 Resp: 106848
Ion Ratio Lower Upper
105 100
71 3.0 3.3 4.9#
51 43.8 36.7 55.1
120 21.8 15.7 23.5

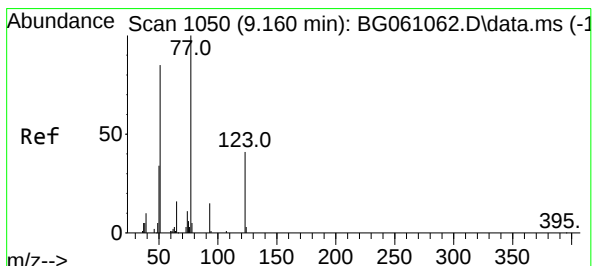
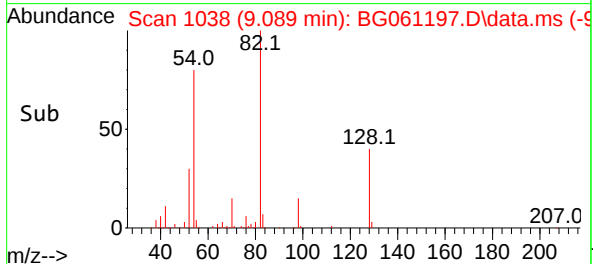
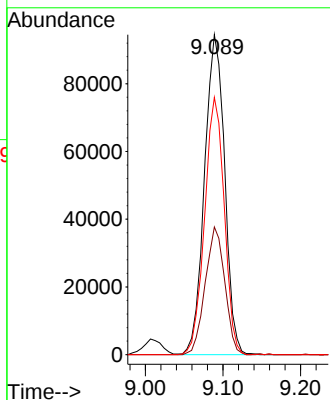
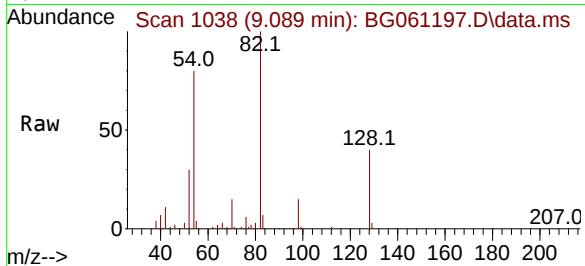




#23
Nitrobenzene-d5
Concen: 83.469 ng
RT: 9.089 min Scan# 1038
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

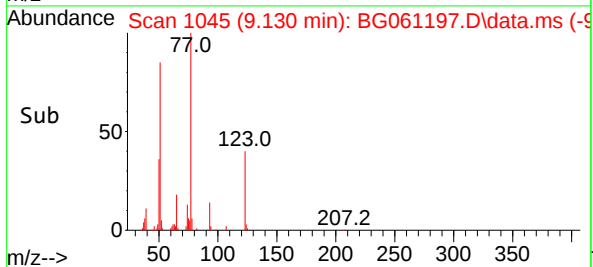
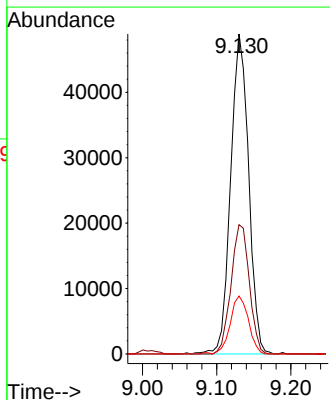
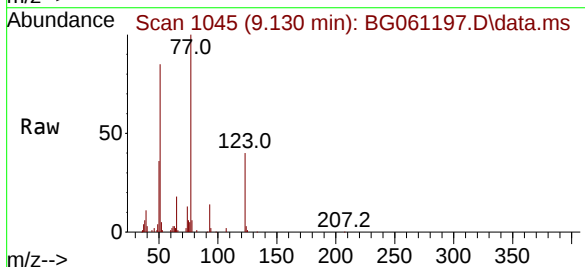
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

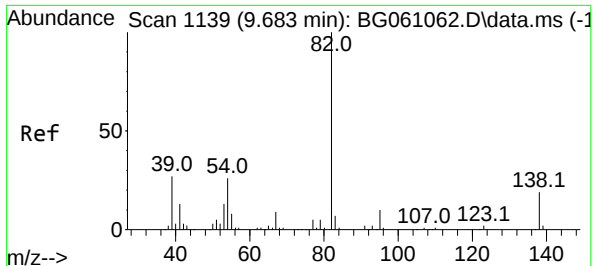
Tgt Ion: 82 Resp: 171242
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 80.4 65.6 98.4



#24
Nitrobenzene
Concen: 40.940 ng
RT: 9.130 min Scan# 1045
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 77 Resp: 82165
Ion Ratio Lower Upper
77 100
123 40.4 33.1 49.7
65 18.1 13.1 19.7

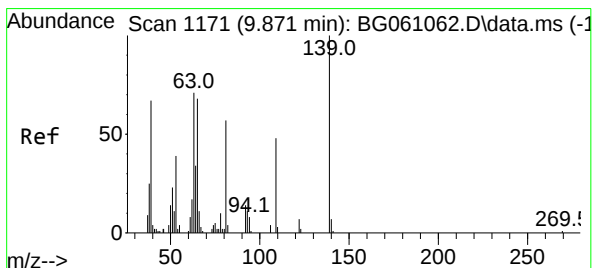
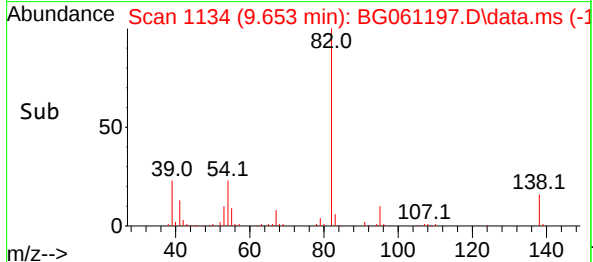
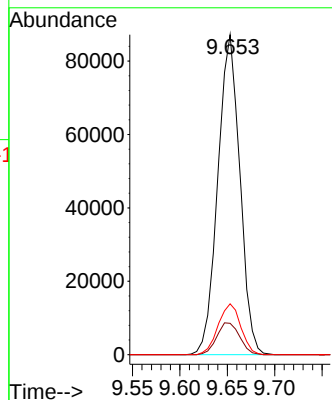
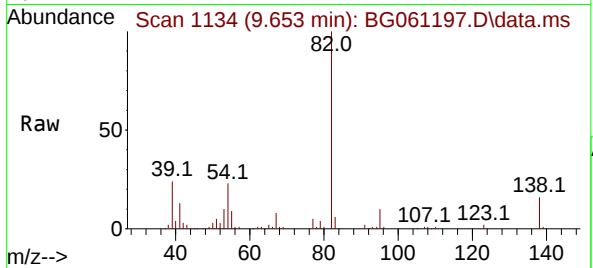




#25
Isophorone
Concen: 37.233 ng
RT: 9.653 min Scan# 1119
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

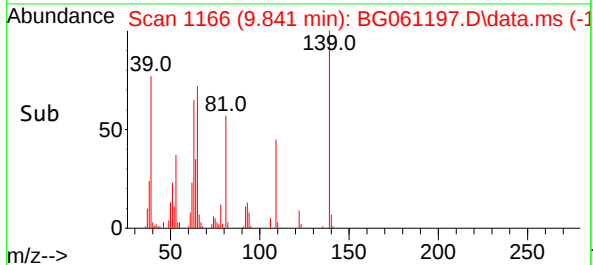
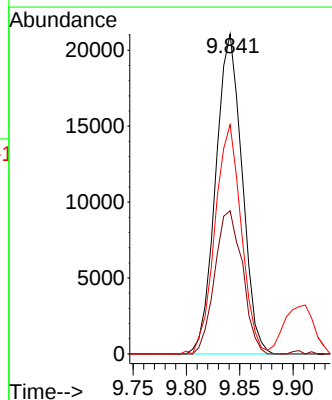
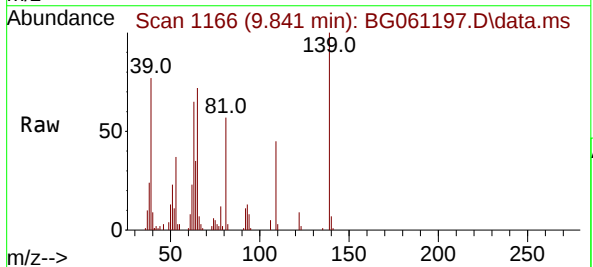
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

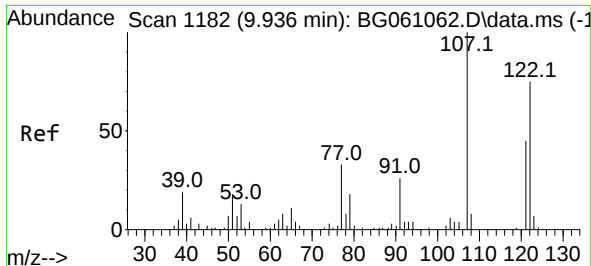
Tgt Ion: 82 Resp: 141199
Ion Ratio Lower Upper
82 100
95 9.8 8.3 12.5
138 15.9 15.2 22.8



#26
2-Nitrophenol
Concen: 38.111 ng
RT: 9.841 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 139 Resp: 36239
Ion Ratio Lower Upper
139 100
109 44.8 38.5 57.7
65 71.6 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 38.501 ng

RT: 9.906 min Scan# 1182

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

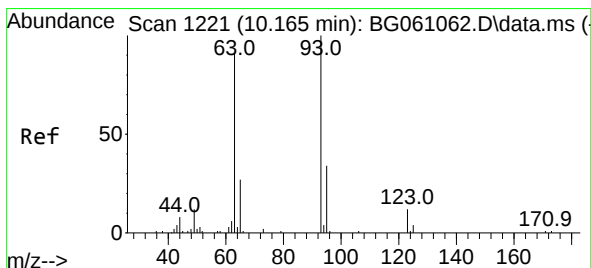
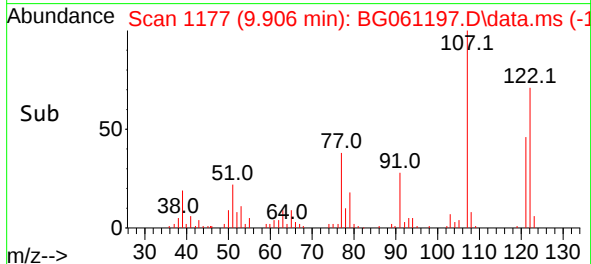
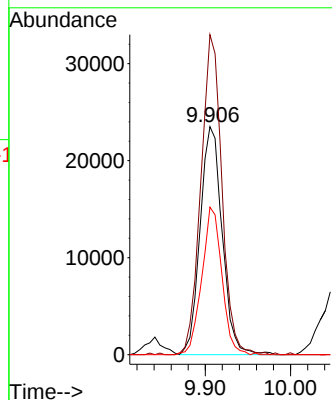
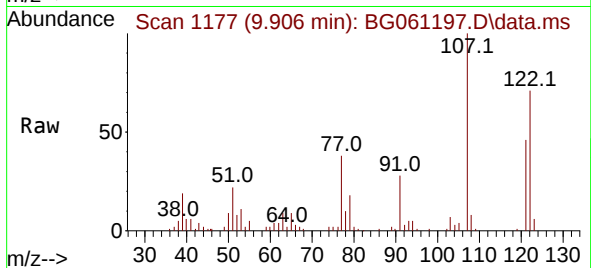
Tgt Ion:122 Resp: 42208

Ion Ratio Lower Upper

122 100

107 140.4 106.9 160.3

121 64.7 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 39.188 ng

RT: 10.135 min Scan# 1216

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

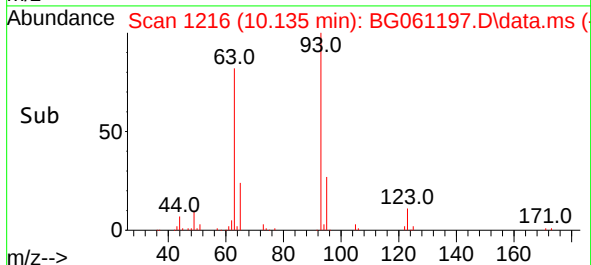
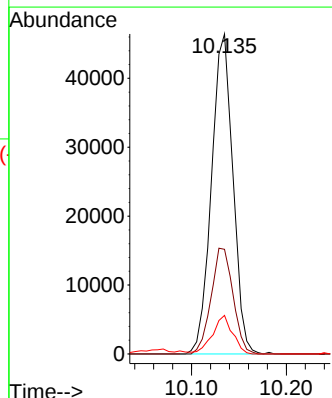
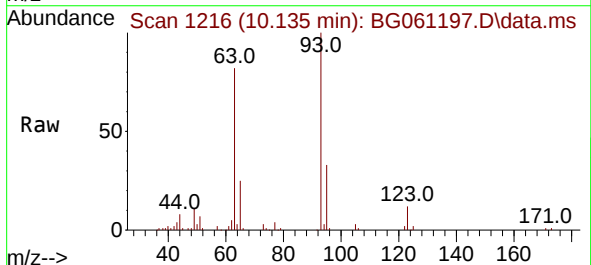
Tgt Ion: 93 Resp: 72937

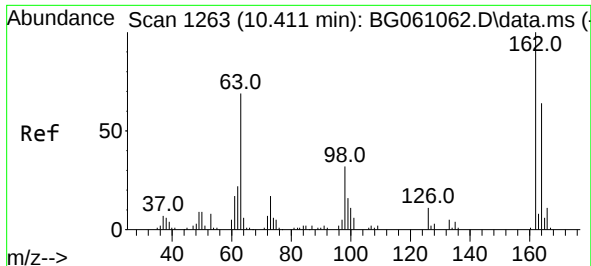
Ion Ratio Lower Upper

93 100

95 32.7 27.4 41.0

123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 38.743 ng

RT: 10.381 min Scan# 1258

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

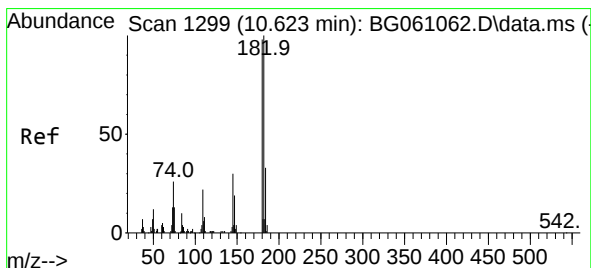
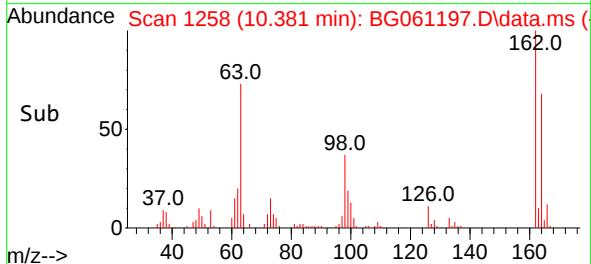
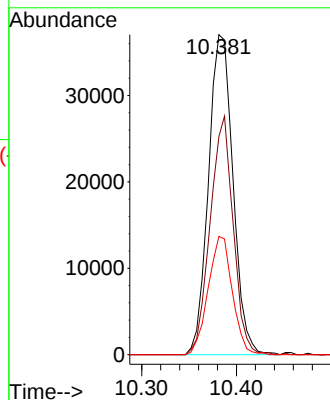
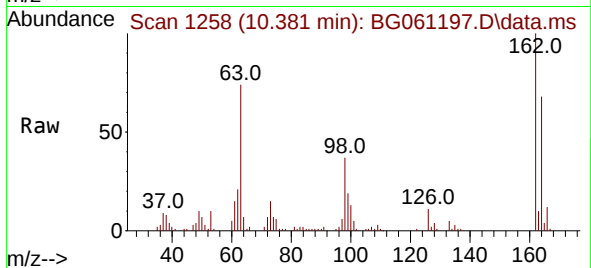
Tgt Ion:162 Resp: 66548

Ion Ratio Lower Upper

162 100

164 68.2 43.6 83.6

98 37.0 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 40.120 ng

RT: 10.593 min Scan# 1294

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

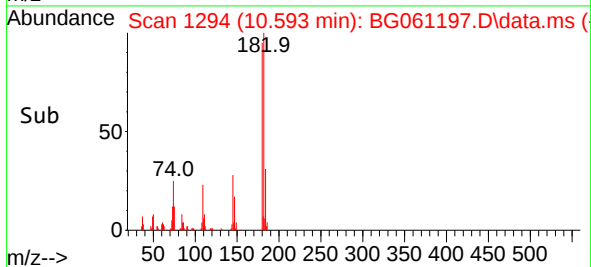
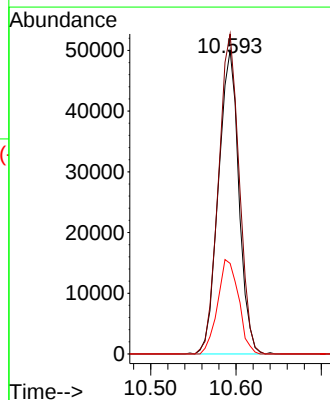
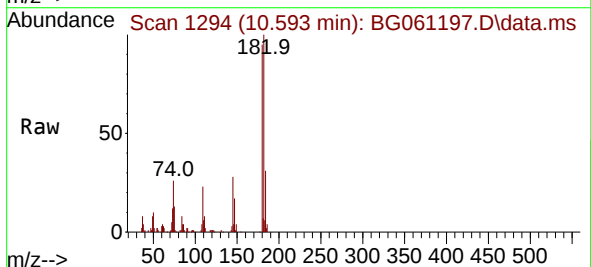
Tgt Ion:180 Resp: 83035

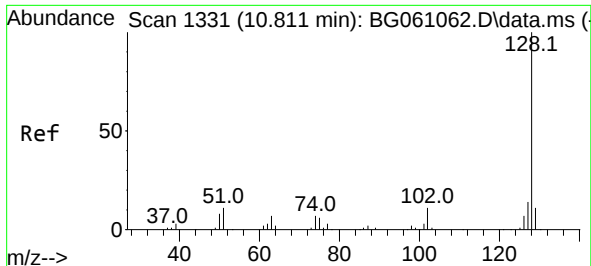
Ion Ratio Lower Upper

180 100

182 105.4 81.7 122.5

145 29.8 24.5 36.7

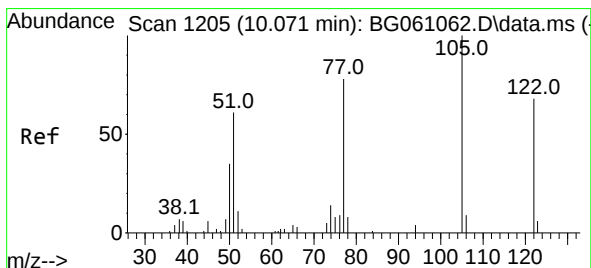
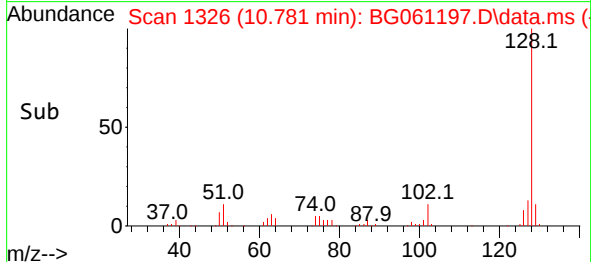
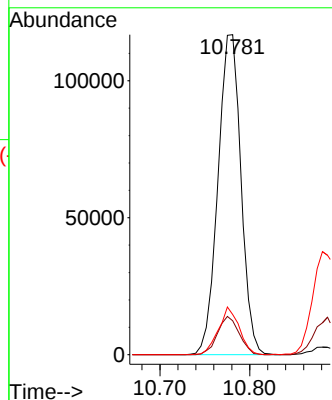
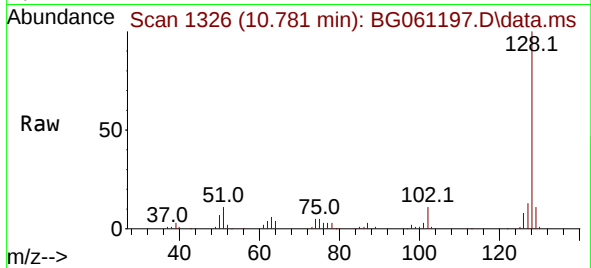




#31
Naphthalene
Concen: 39.304 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

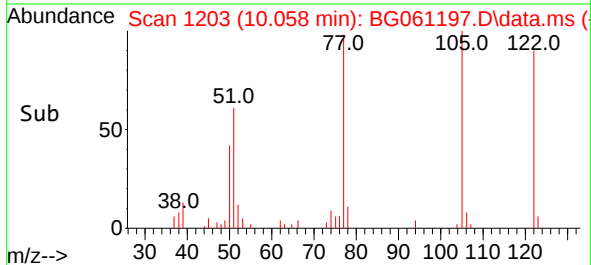
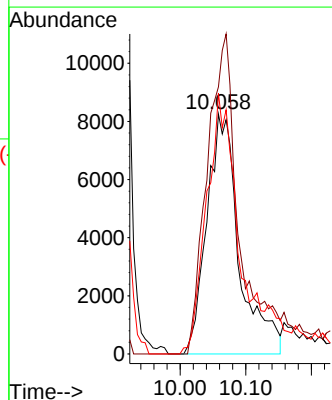
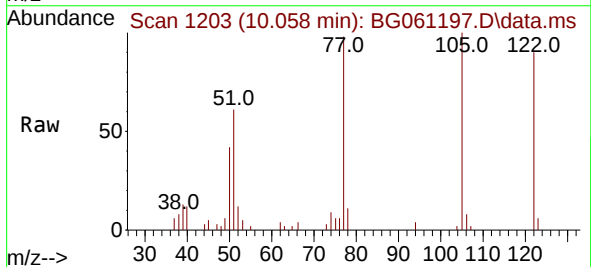
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

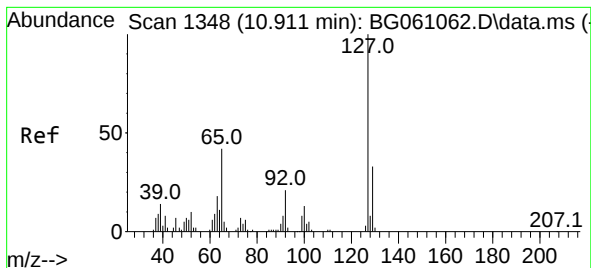
Tgt Ion:128 Resp: 207745
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 11.1 16.7



#32
Benzoic acid
Concen: 22.310 ng
RT: 10.058 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:122 Resp: 28274
Ion Ratio Lower Upper
122 100
105 111.4 123.3 163.3#
77 108.7 93.2 133.2

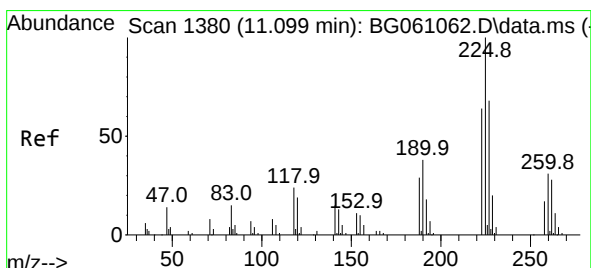
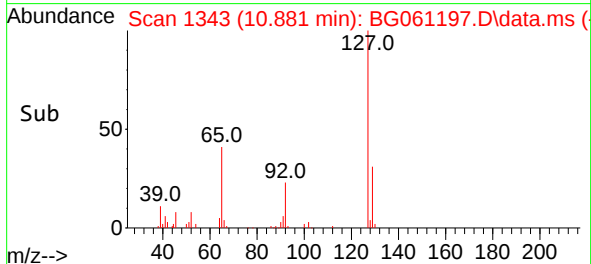
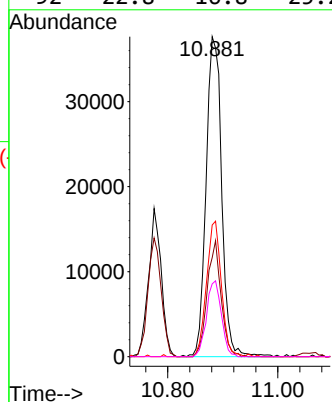
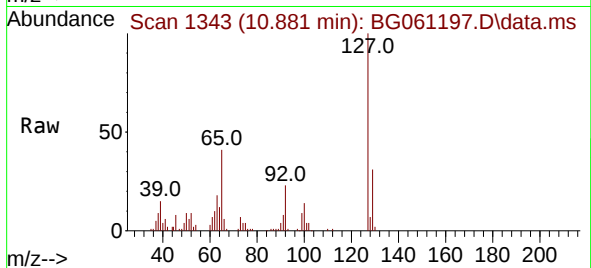




#33
4-Chloroaniline
Concen: 35.166 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

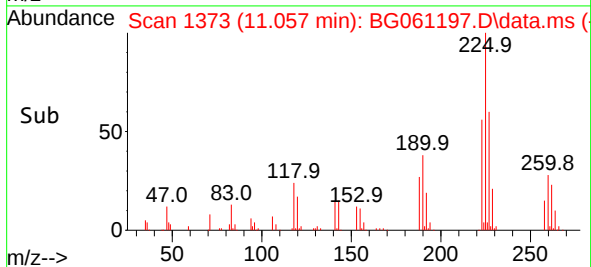
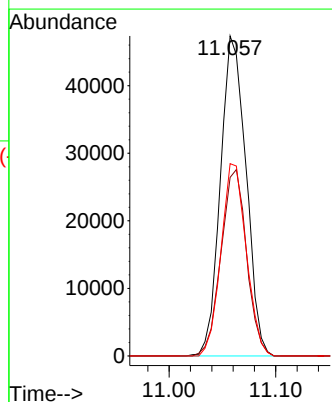
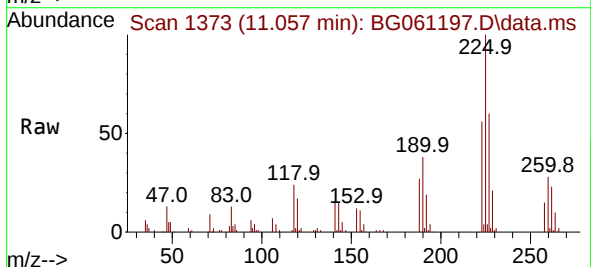
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

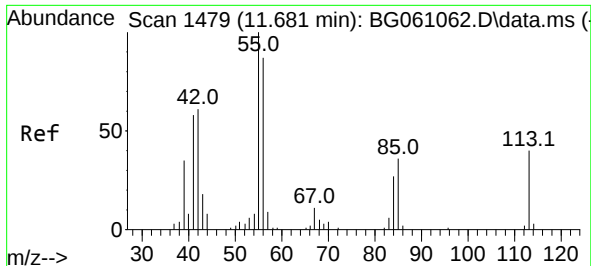
Tgt Ion:127	Resp:	74129
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.6 39.8
65	41.1	33.6 50.4
92	22.8	16.8 25.2



#34
Hexachlorobutadiene
Concen: 44.404 ng
RT: 11.057 min Scan# 1373
Delta R.T. -0.042 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:225	Resp:	78856
Ion Ratio	Lower	Upper
225	100	
223	55.8	51.0 76.4
227	60.1	54.6 82.0

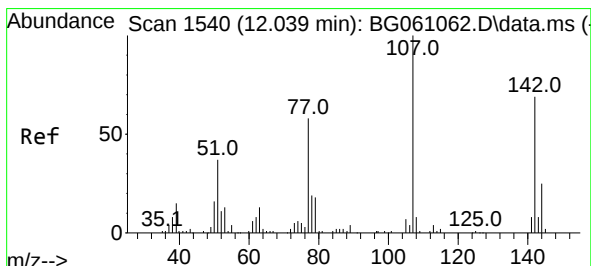
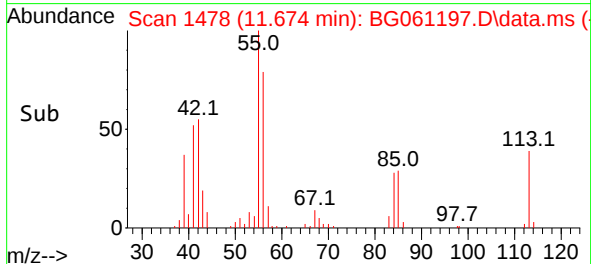
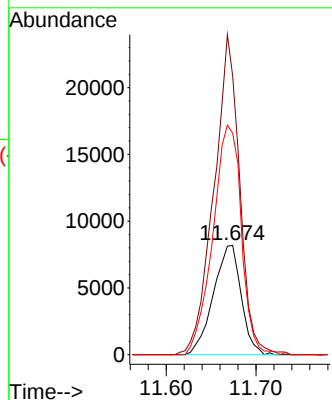
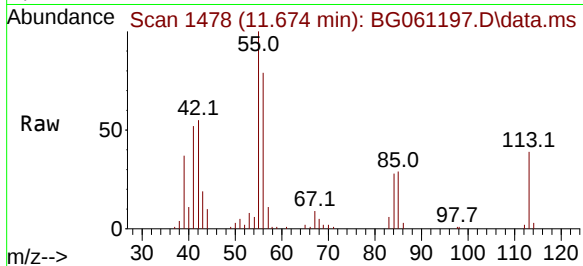




#35
Caprolactam
Concen: 28.451 ng
RT: 11.674 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

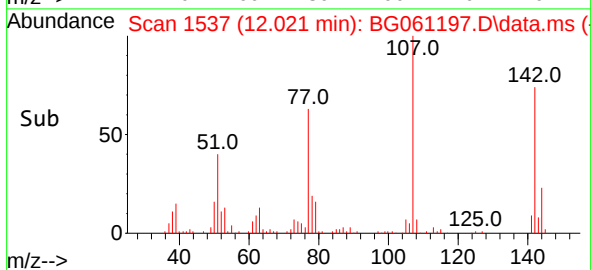
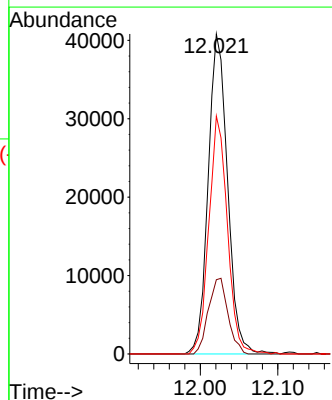
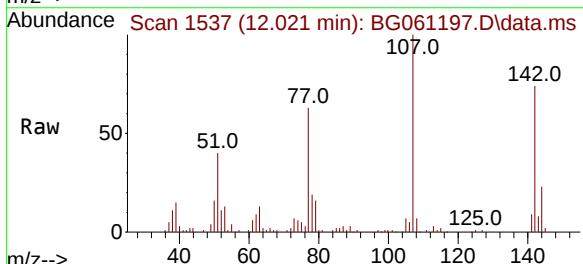
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

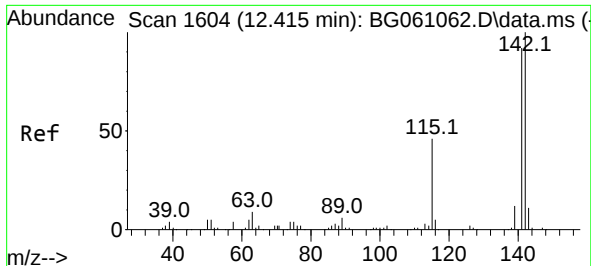
Tgt Ion:113 Resp: 17599
Ion Ratio Lower Upper
113 100
55 254.8 227.6 267.6
56 202.5 195.1 235.1



#36
4-Chloro-3-methylphenol
Concen: 34.155 ng
RT: 12.021 min Scan# 1537
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:107 Resp: 70743
Ion Ratio Lower Upper
107 100
144 23.2 20.2 30.4
142 74.3 55.6 83.4

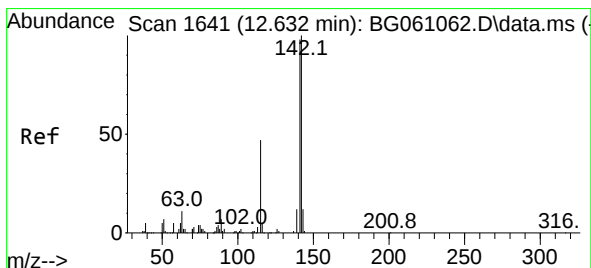
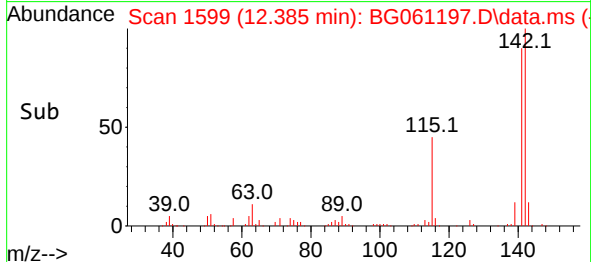
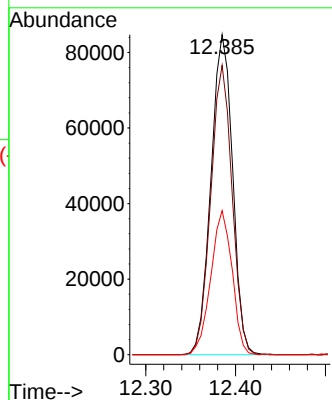
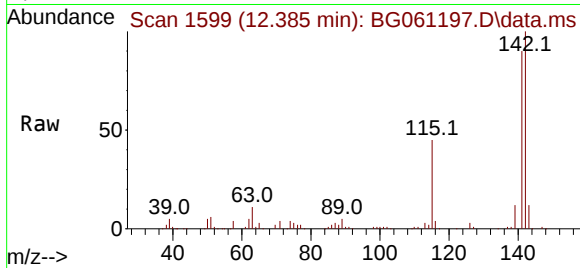




#37
2-Methylnaphthalene
Concen: 35.780 ng
RT: 12.385 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

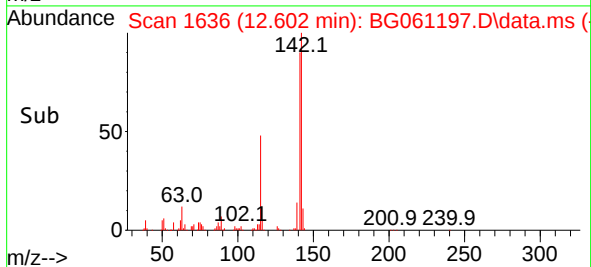
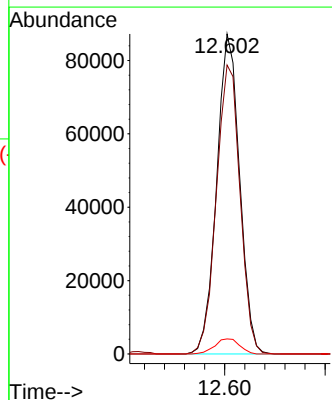
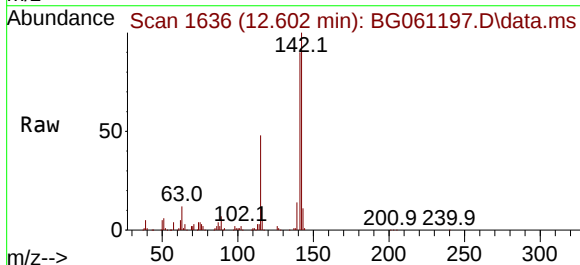
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

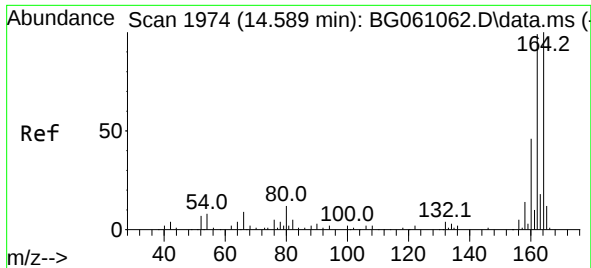
Tgt Ion:142 Resp: 141718
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.8
115 45.0 36.9 55.3



#38
1-Methylnaphthalene
Concen: 34.675 ng
RT: 12.602 min Scan# 1636
Delta R.T. -0.030 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:142 Resp: 138264
Ion Ratio Lower Upper
142 100
141 90.3 78.4 117.6
116 4.7 4.3 6.5

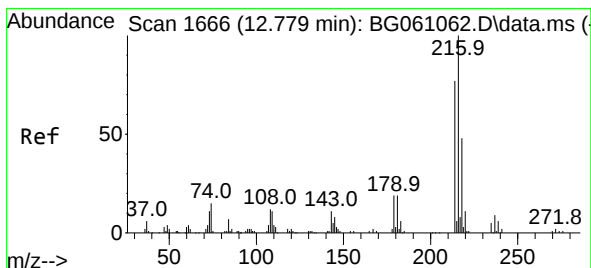
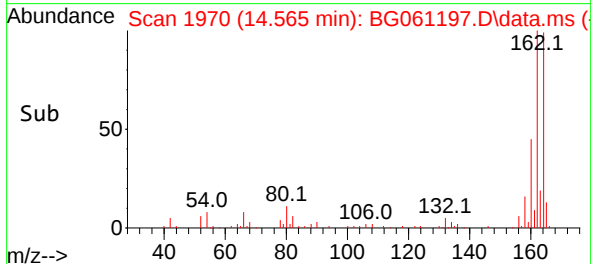
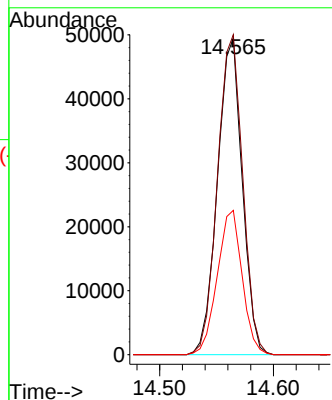
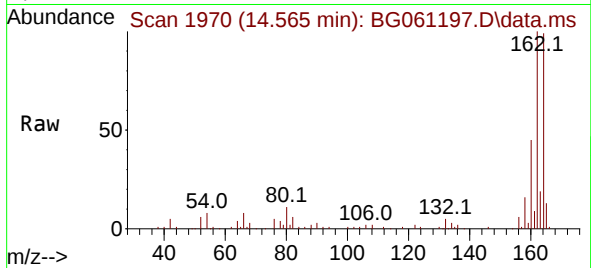




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1970
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

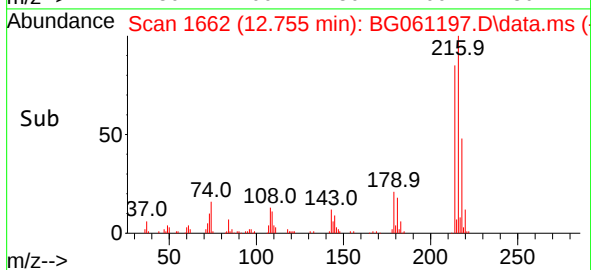
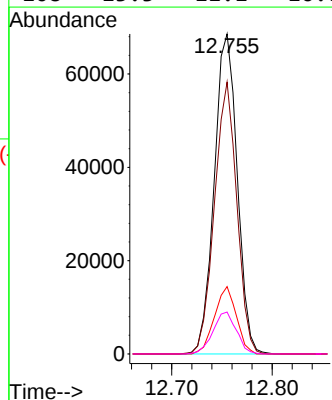
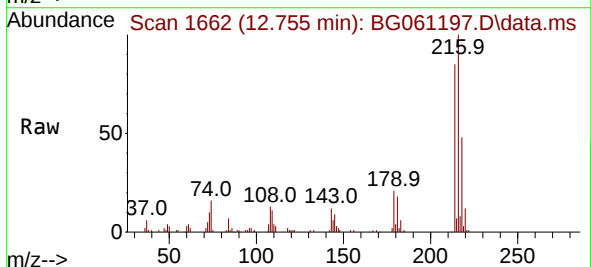
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

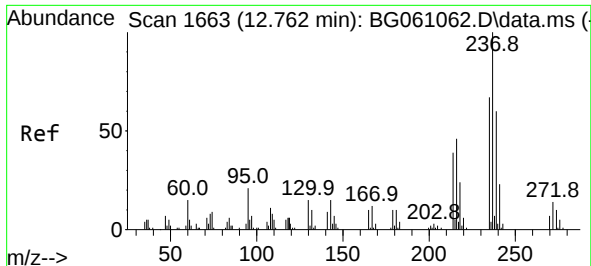
Tgt Ion:164 Resp: 74859
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 45.6 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.659 ng
RT: 12.755 min Scan# 1662
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:216 Resp: 109073
Ion Ratio Lower Upper
216 100
214 82.7 64.2 96.2
179 20.1 15.4 23.2
108 13.3 11.1 16.7

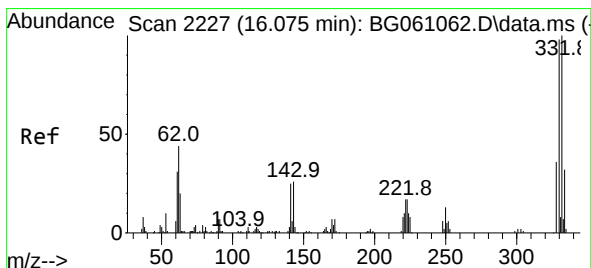
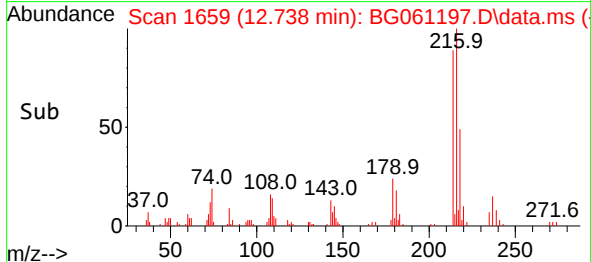
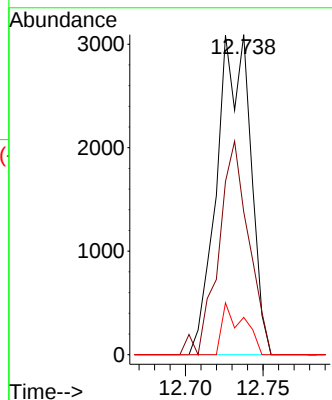
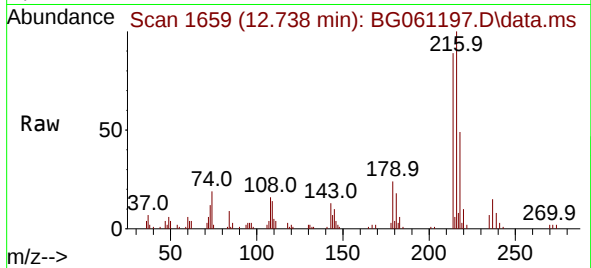




#41
Hexachlorocyclopentadiene
Concen: 4.860 ng
RT: 12.738 min Scan# 1659
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

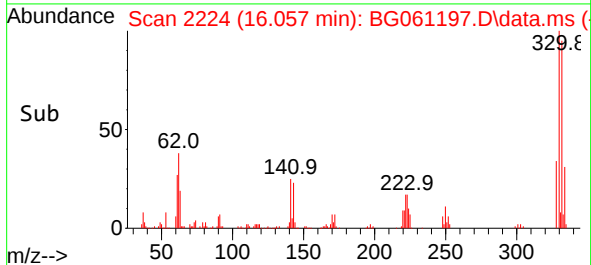
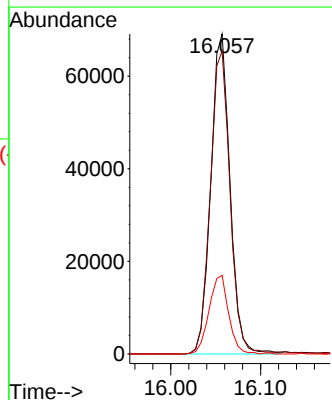
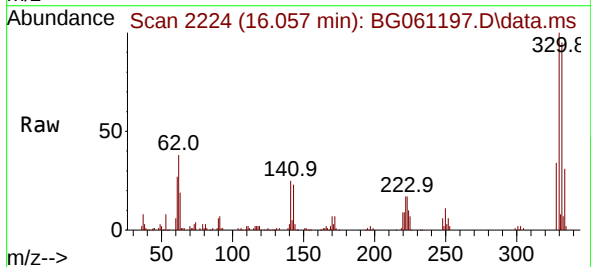
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

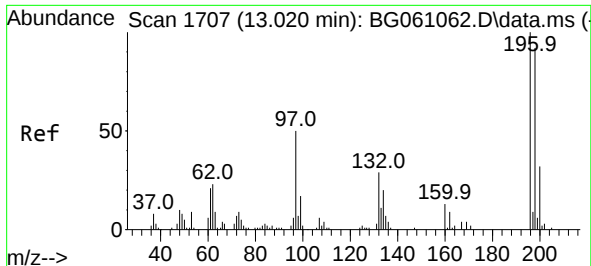
Tgt Ion:237 Resp: 4648
Ion Ratio Lower Upper
237 100
235 44.7 46.5 86.5#
272 11.6 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 68.600 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:330 Resp: 102646
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 25.0 20.5 30.7

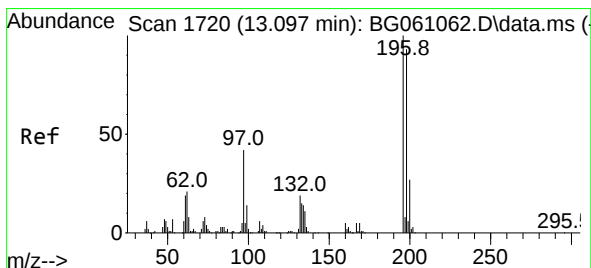
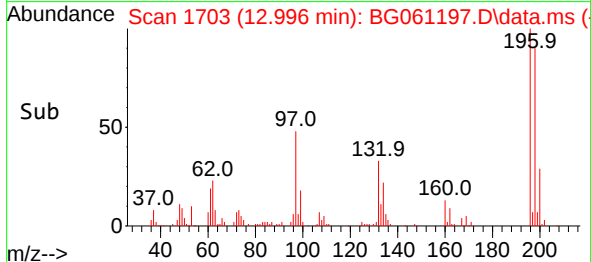
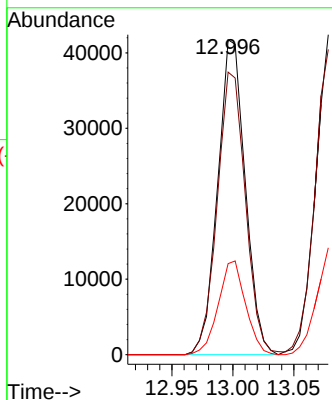
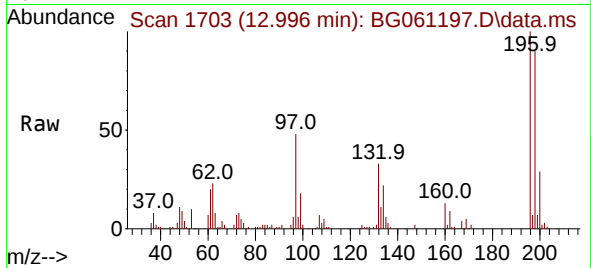




#43
 2,4,6-Trichlorophenol
 Concen: 40.904 ng
 RT: 12.996 min Scan# 1
 Delta R.T. -0.024 min
 Lab File: BG061197.D
 Acq: 14 May 2024 20:00

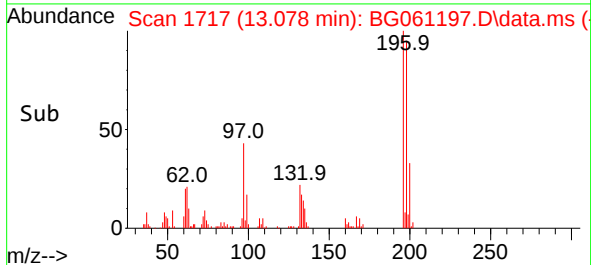
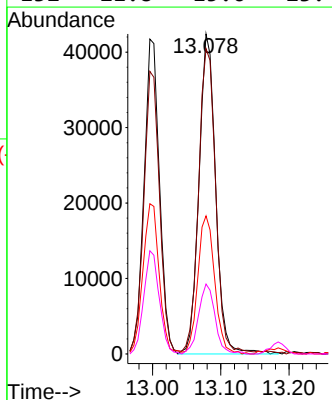
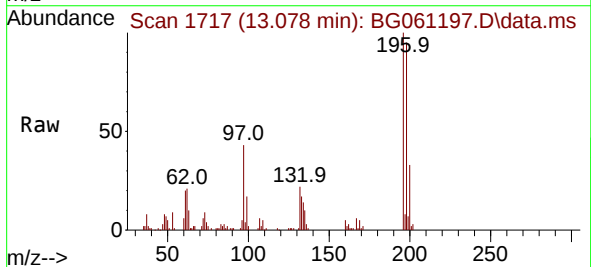
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

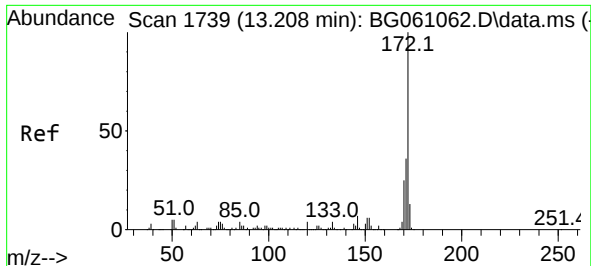
Tgt Ion:196 Resp: 65606
 Ion Ratio Lower Upper
 196 100
 198 89.8 73.8 110.6
 200 28.9 25.5 38.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.809 ng
 RT: 13.078 min Scan# 1717
 Delta R.T. -0.018 min
 Lab File: BG061197.D
 Acq: 14 May 2024 20:00

Tgt Ion:196 Resp: 72263
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.3 111.5
 97 43.1 33.6 50.4
 132 21.8 15.6 23.4

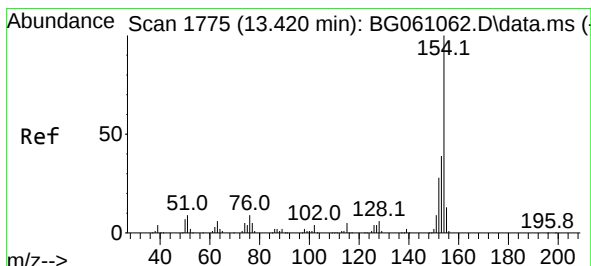
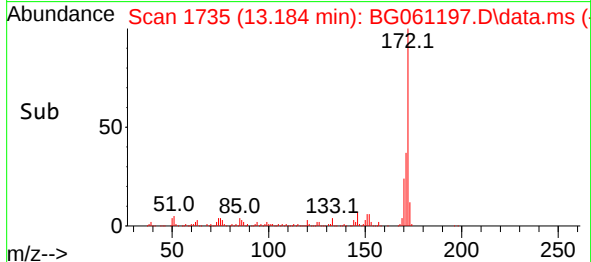
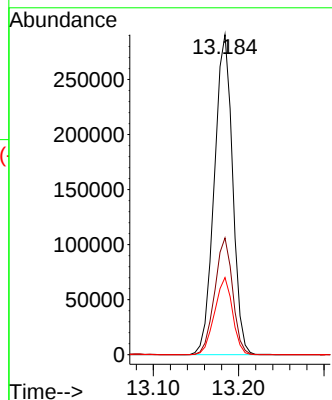
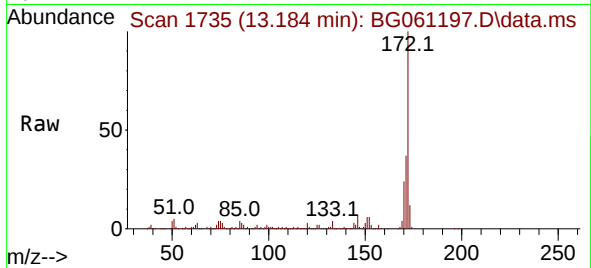




#45
2-Fluorobiphenyl
Concen: 85.263 ng
RT: 13.184 min Scan# 1735
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

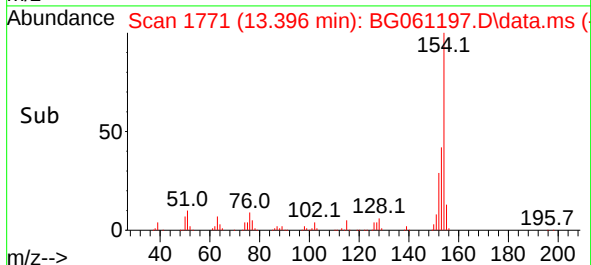
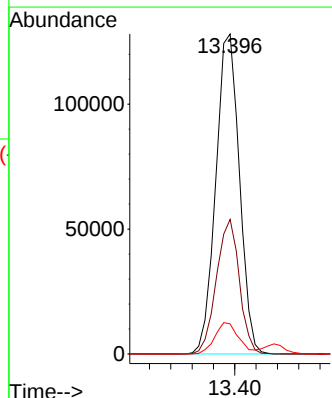
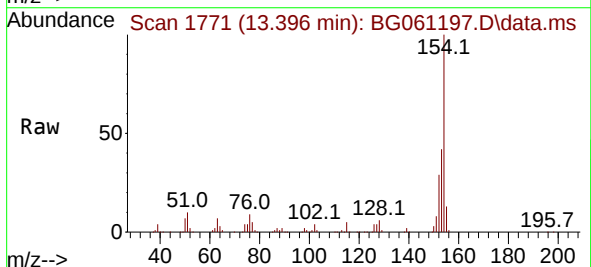
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

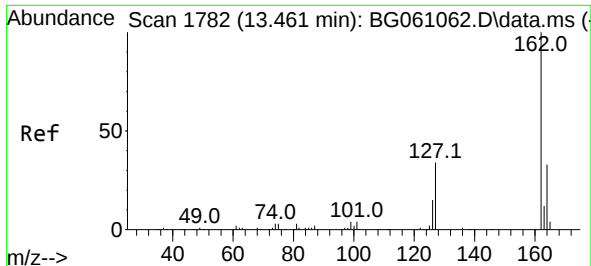
Tgt Ion:172 Resp: 431637
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.1 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.933 ng
RT: 13.396 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:154 Resp: 196471
Ion Ratio Lower Upper
154 100
153 42.1 19.3 59.3
76 9.4 0.0 28.8

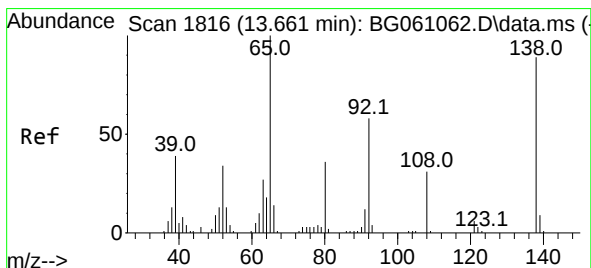
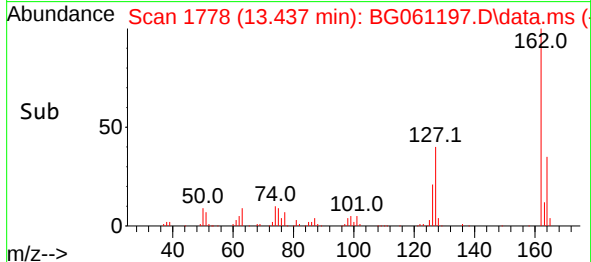
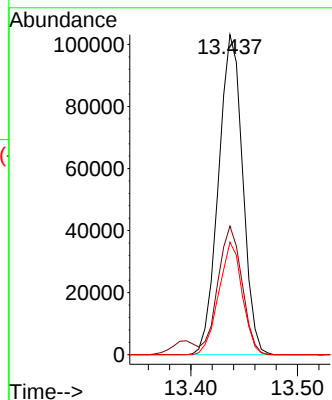
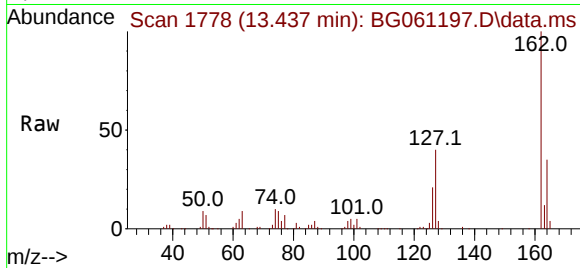




#47
2-Chloronaphthalene
Concen: 42.310 ng
RT: 13.437 min Scan# 1782
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

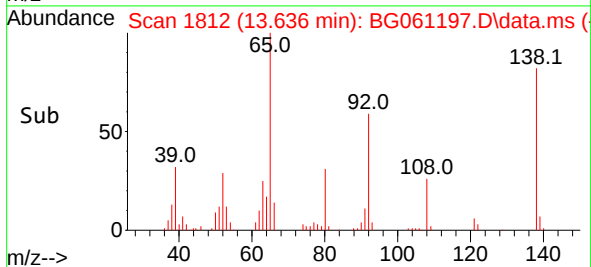
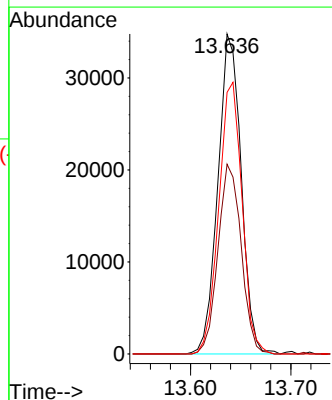
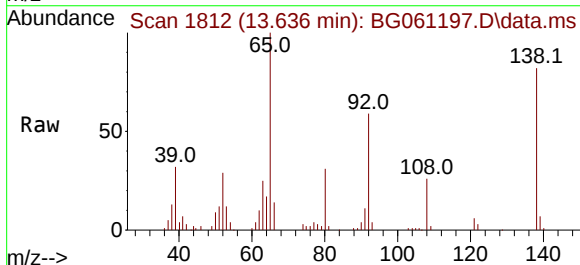
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

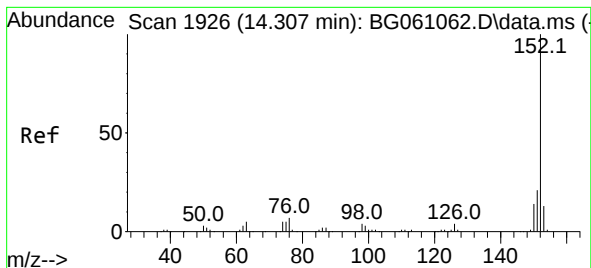
Tgt Ion:162 Resp: 162617
Ion Ratio Lower Upper
162 100
127 40.2 30.7 46.1
164 35.2 26.8 40.2



#48
2-Nitroaniline
Concen: 39.244 ng
RT: 13.636 min Scan# 1812
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion: 65 Resp: 55971
Ion Ratio Lower Upper
65 100
92 59.3 46.7 70.1
138 81.8 71.4 107.2





#49

Acenaphthylene

Concen: 41.394 ng

RT: 14.283 min Scan# 1926

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

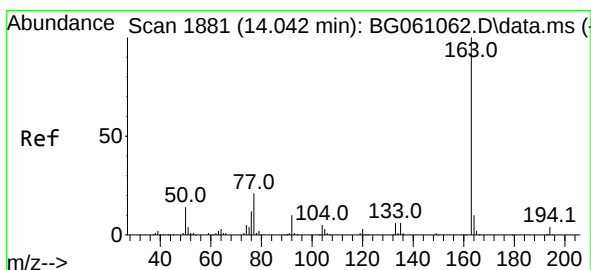
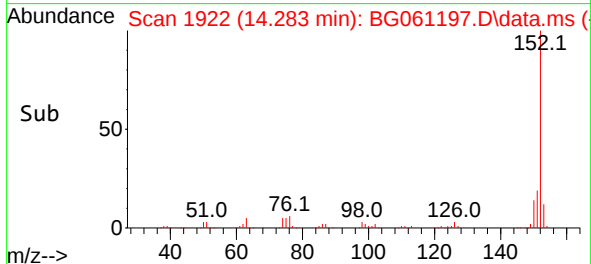
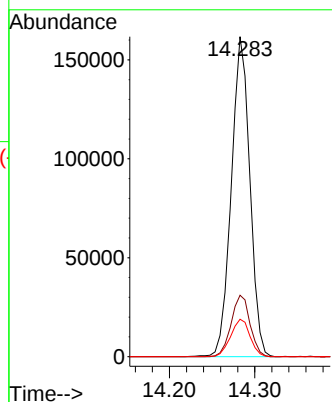
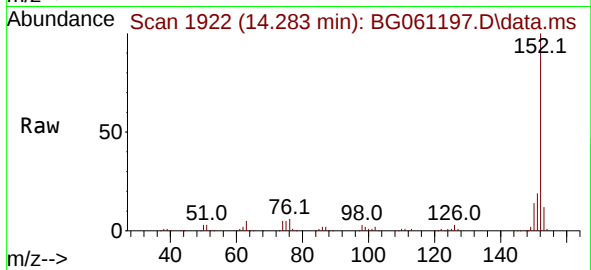
Tgt Ion:152 Resp: 244353

Ion Ratio Lower Upper

152 100

151 19.2 16.9 25.3

153 11.7 10.6 15.8



#50

Dimethylphthalate

Concen: 36.269 ng

RT: 14.012 min Scan# 1876

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

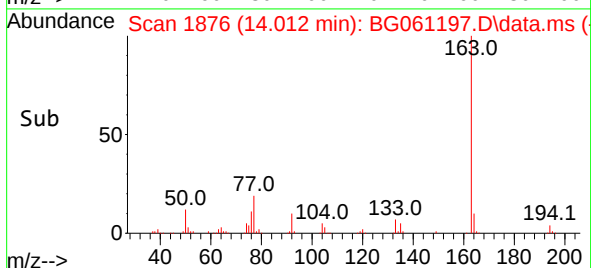
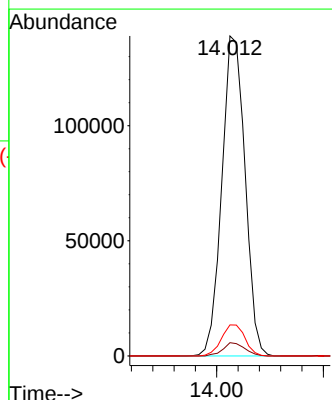
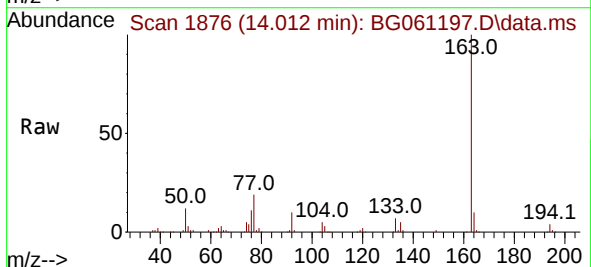
Tgt Ion:163 Resp: 209708

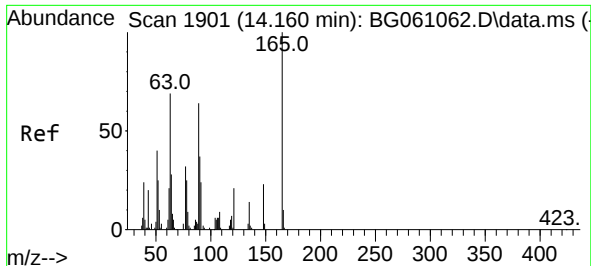
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.7 7.8 11.8

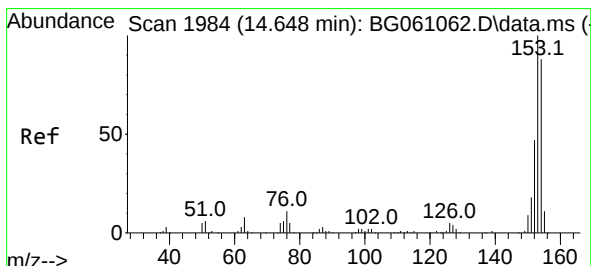
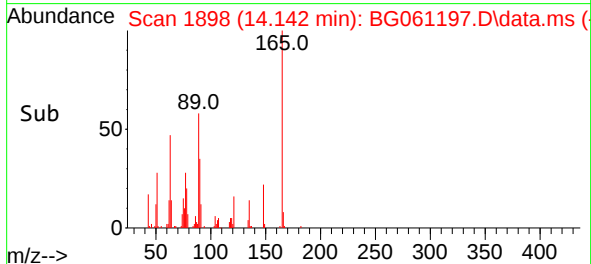
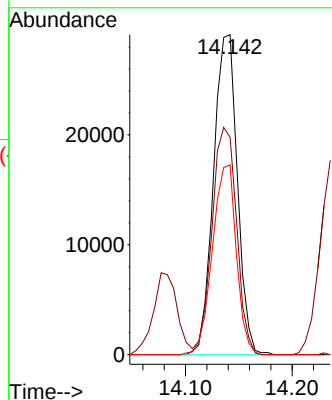
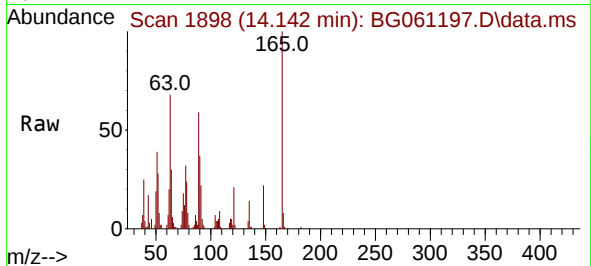




#51
2,6-Dinitrotoluene
Concen: 36.541 ng
RT: 14.142 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

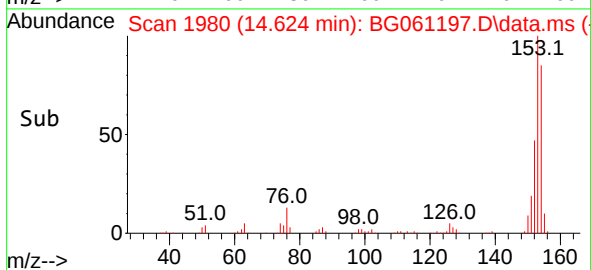
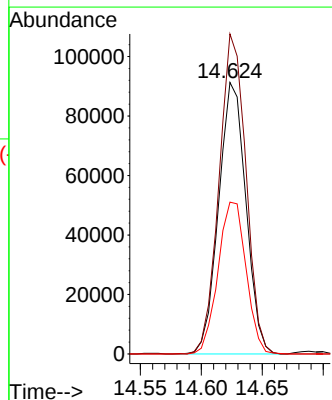
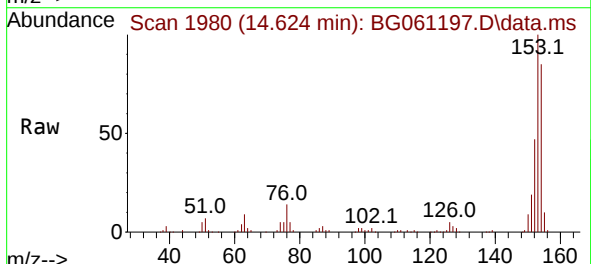
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

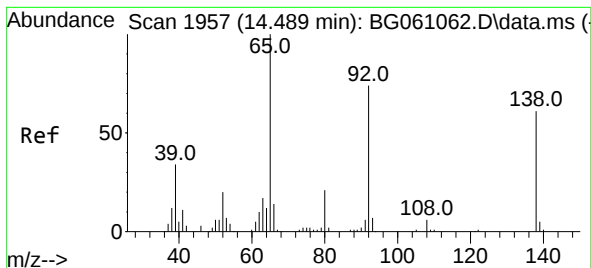
Tgt Ion:165 Resp: 45192
Ion Ratio Lower Upper
165 100
63 67.9 60.0 90.0
89 59.3 50.9 76.3



#52
Acenaphthene
Concen: 38.569 ng
RT: 14.624 min Scan# 1980
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:154 Resp: 142033
Ion Ratio Lower Upper
154 100
153 117.9 91.0 136.4
152 55.9 43.1 64.7

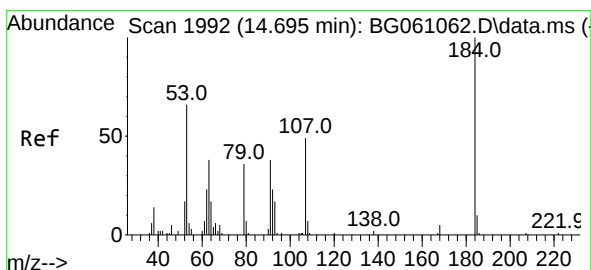
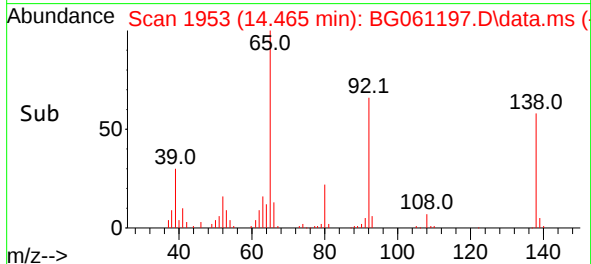
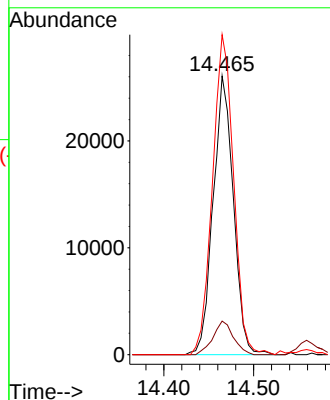
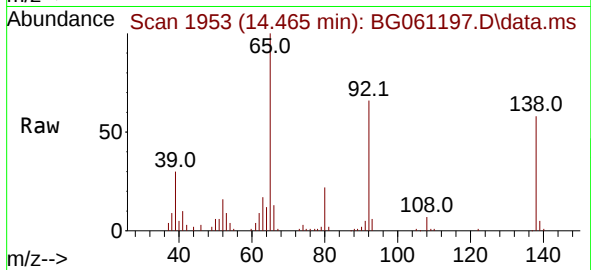




#53
3-Nitroaniline
Concen: 36.141 ng
RT: 14.465 min Scan# 1953
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

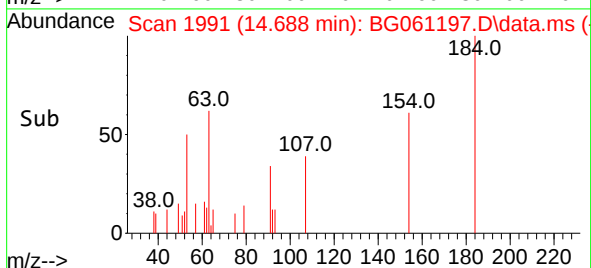
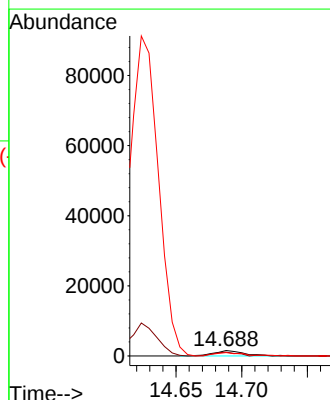
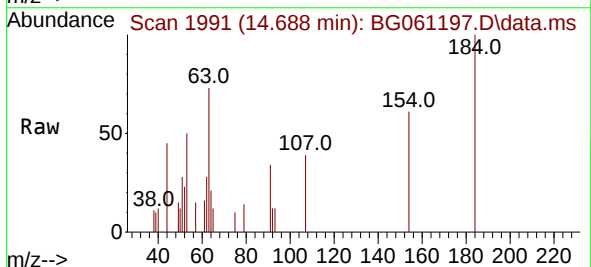
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

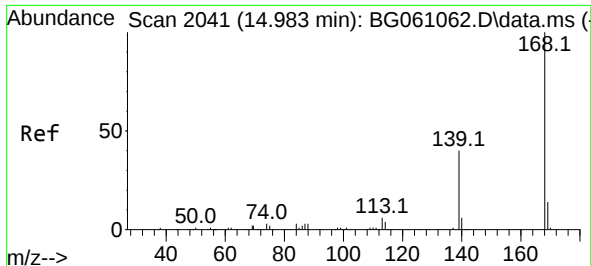
Tgt Ion:138 Resp: 40898
Ion Ratio Lower Upper
138 100
108 12.1 8.2 12.2
92 114.8 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 4.868 ng
RT: 14.688 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:184 Resp: 2399
Ion Ratio Lower Upper
184 100
63 72.7 62.6 93.8
154 60.9 61.4 92.0#

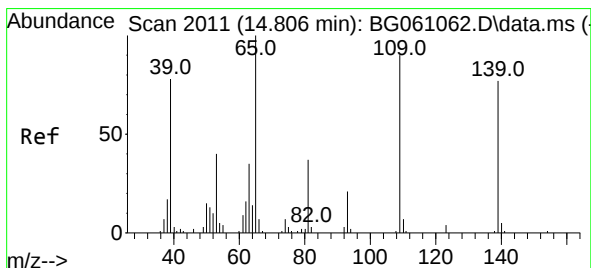
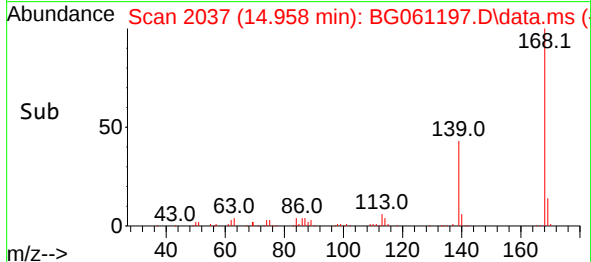
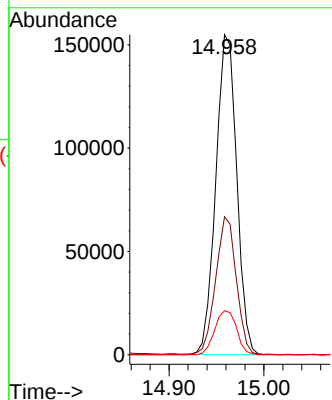
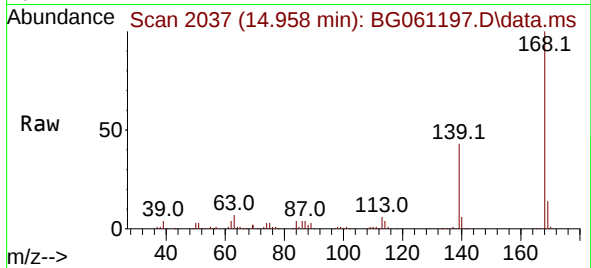




#55
Dibenzofuran
Concen: 38.258 ng
RT: 14.958 min Scan# 20
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

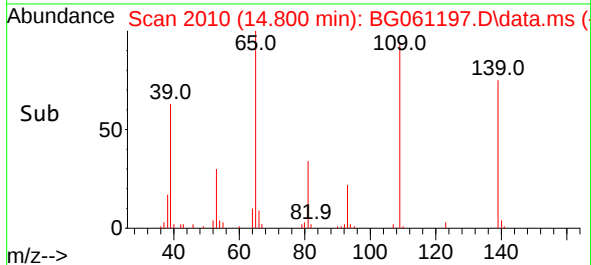
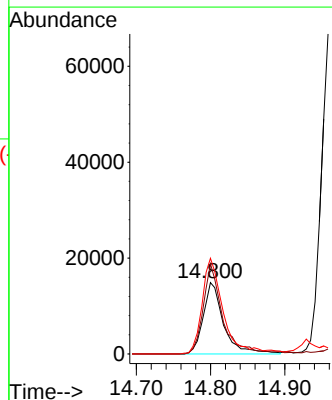
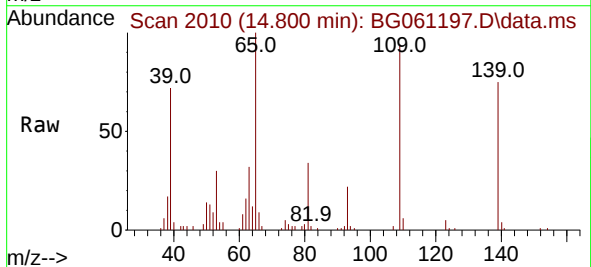
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

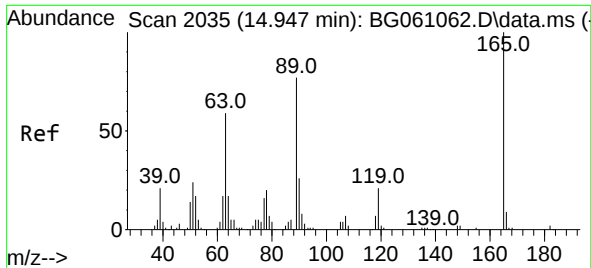
Tgt Ion:168 Resp: 237970
Ion Ratio Lower Upper
168 100
139 43.1 32.2 48.4
169 13.7 11.4 17.2



#56
4-Nitrophenol
Concen: 31.165 ng
RT: 14.800 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:139 Resp: 28501
Ion Ratio Lower Upper
139 100
109 126.5 97.7 137.7
65 134.1 110.7 150.7

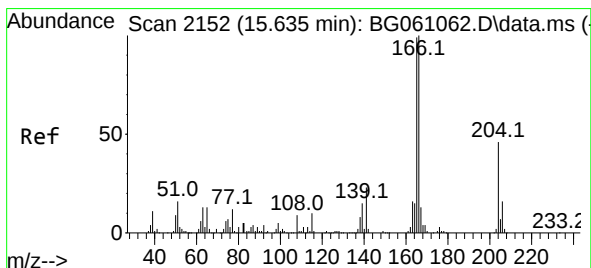
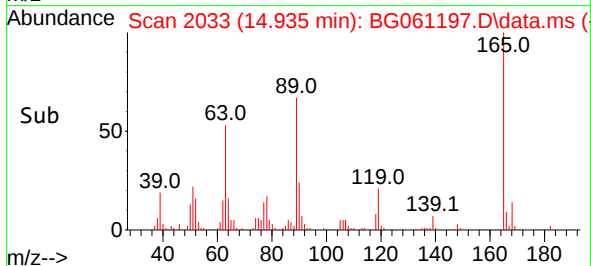
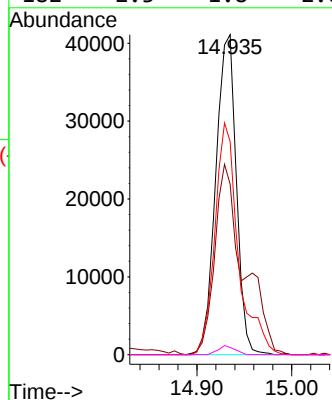
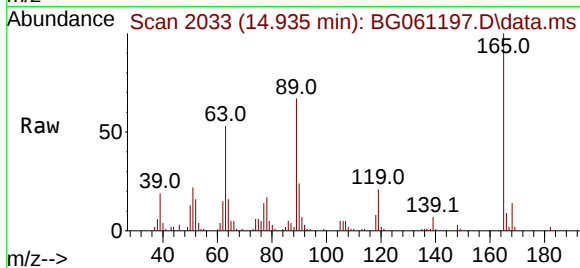




#57
2,4-Dinitrotoluene
Concen: 33.908 ng
RT: 14.935 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

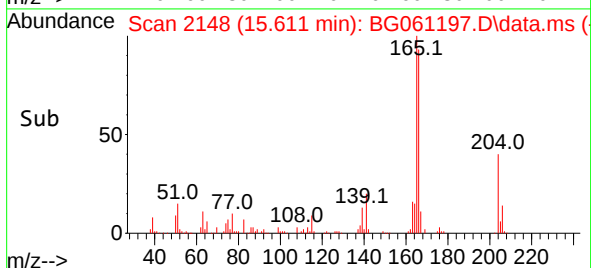
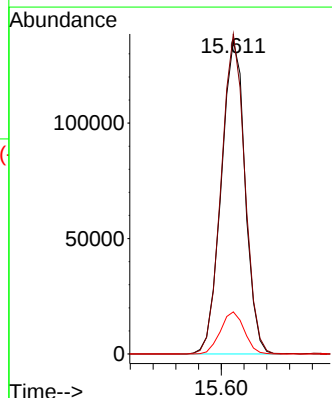
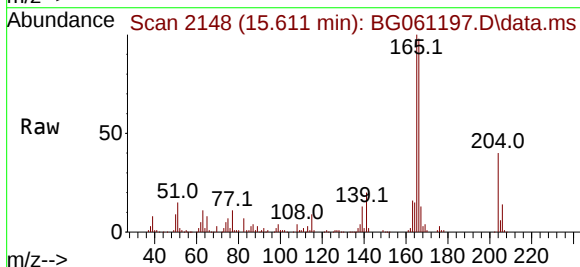
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

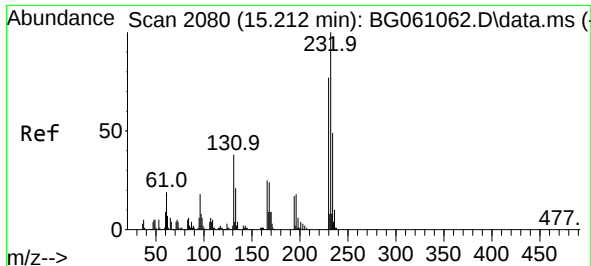
Tgt Ion:	165	Resp:	62044
Ion	Ratio	Lower	Upper
165	100		
63	53.3	47.3	70.9
89	66.7	61.8	92.8
182	2.3	1.8	2.6



#58
Fluorene
Concen: 36.702 ng
RT: 15.611 min Scan# 2148
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:	166	Resp:	197545
Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.9	118.3
167	13.5	10.6	15.8

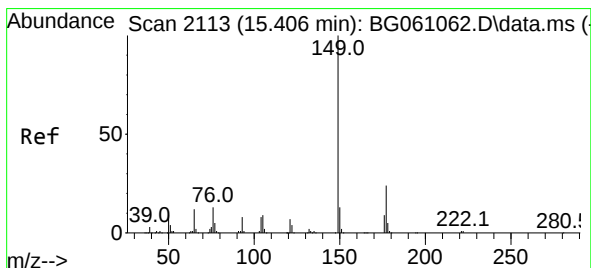
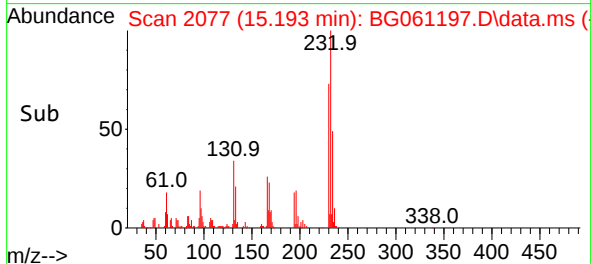
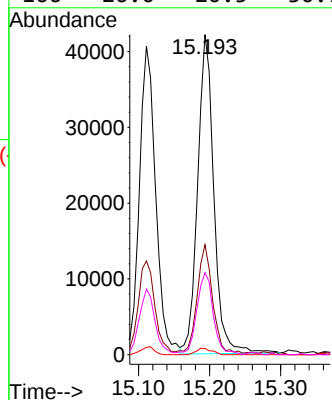
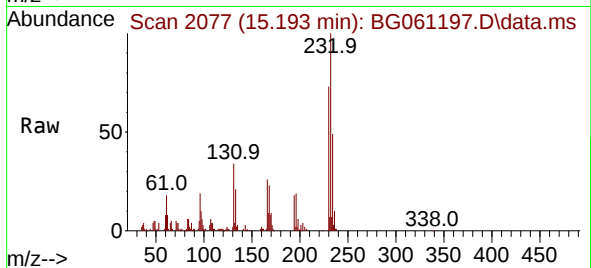




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.838 ng
RT: 15.193 min Scan# 2080
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

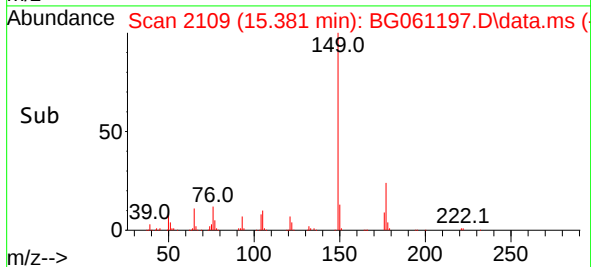
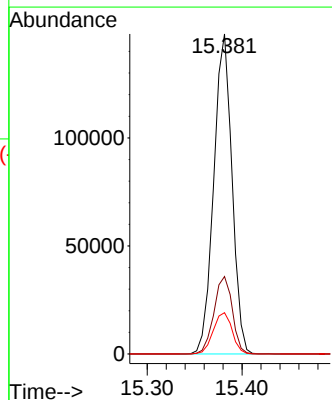
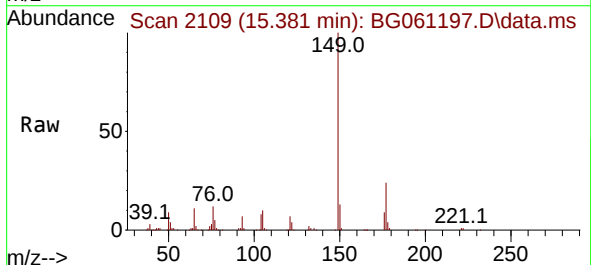
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

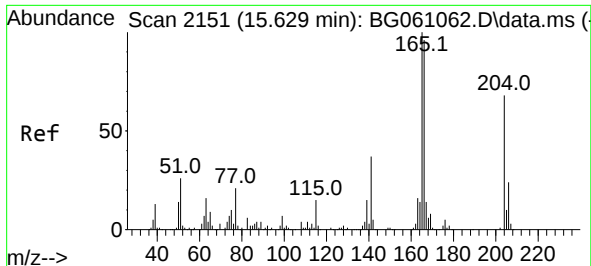
Tgt Ion:	232	Resp:	66969
Ion Ratio	Lower	Upper	
232	100		
131	33.6	27.0	40.4
130	1.9	1.7	2.5
166	26.0	20.5	30.7



#60
Diethylphthalate
Concen: 33.885 ng
RT: 15.381 min Scan# 2109
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:	149	Resp:	197574
Ion Ratio	Lower	Upper	
149	100		
177	24.2	19.1	28.7
150	12.9	10.6	16.0

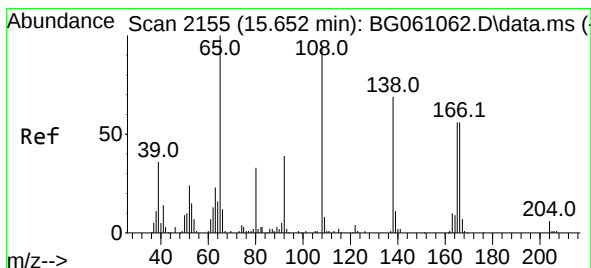
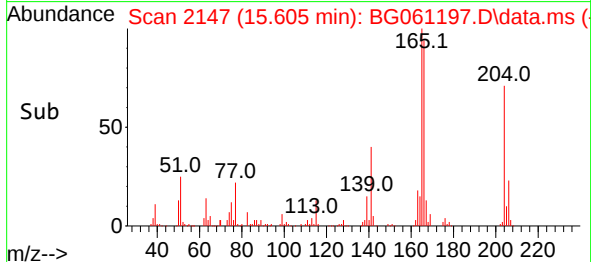
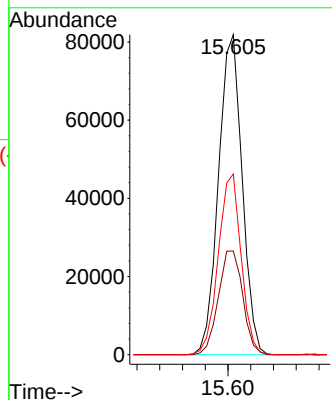
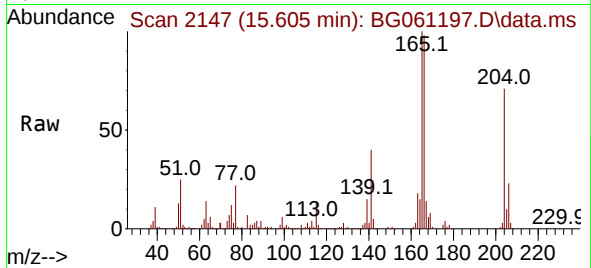




#61
4-Chlorophenyl-phenylether
Concen: 36.551 ng
RT: 15.605 min Scan# 2151
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

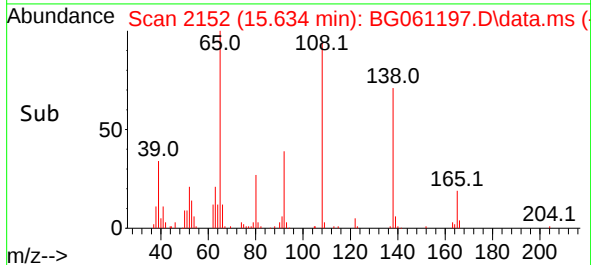
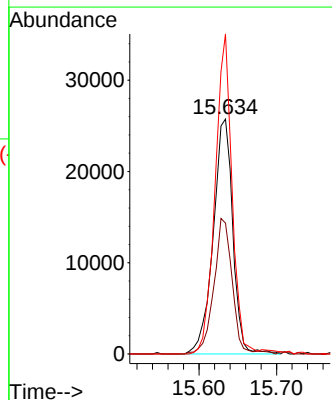
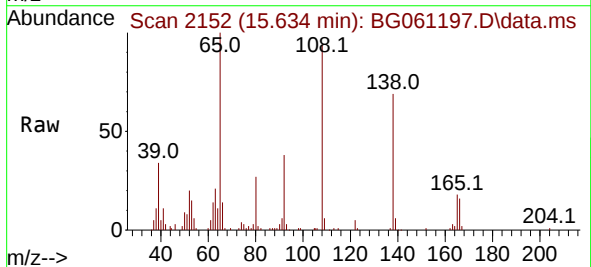
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

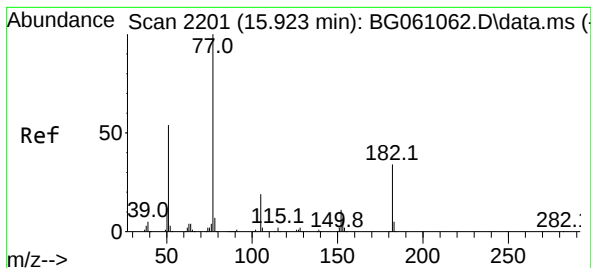
Tgt Ion:204 Resp: 118128
Ion Ratio Lower Upper
204 100
206 32.4 27.8 41.6
141 56.4 42.9 64.3



#62
4-Nitroaniline
Concen: 36.820 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:138 Resp: 45190
Ion Ratio Lower Upper
138 100
92 55.7 35.5 75.5
108 136.2 116.2 156.2

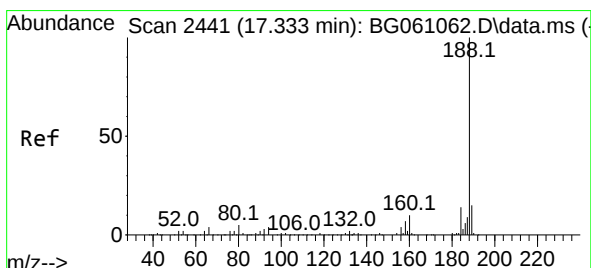
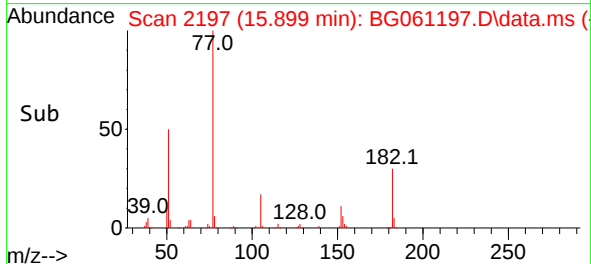
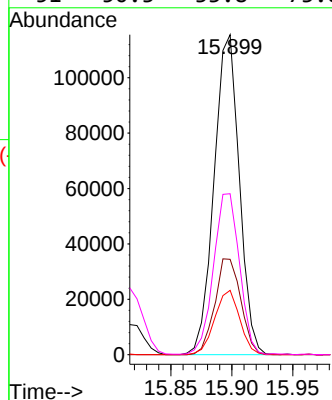
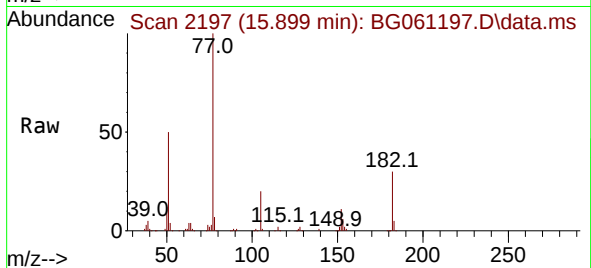




#63
Azobenzene
Concen: 36.689 ng
RT: 15.899 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

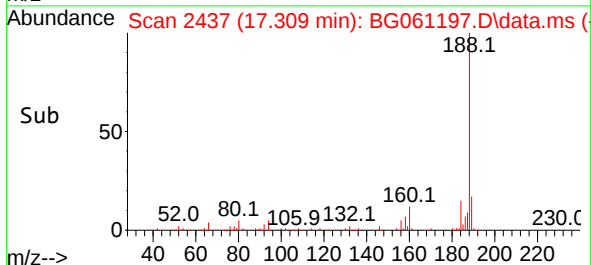
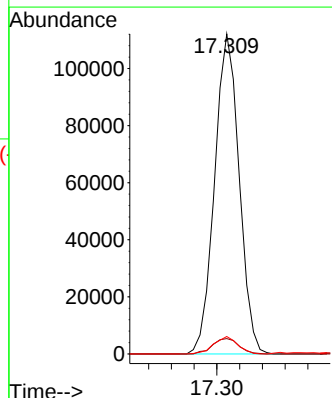
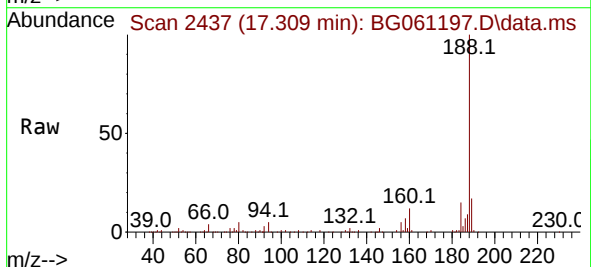
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

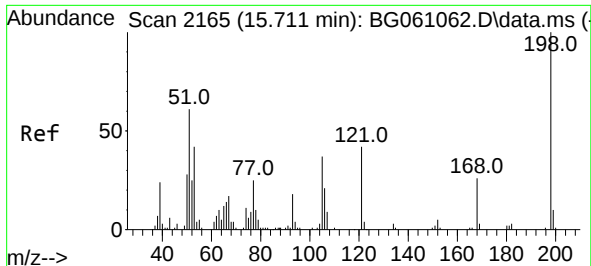
Tgt Ion: 77 Resp: 166530
Ion Ratio Lower Upper
77 100
182 29.8 13.5 53.5
105 20.1 0.0 39.3
51 50.3 33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2437
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:188 Resp: 168178
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 5.5 4.2 6.2

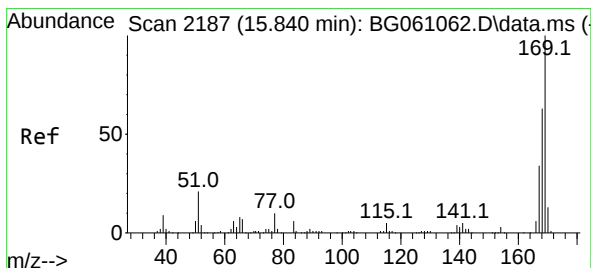
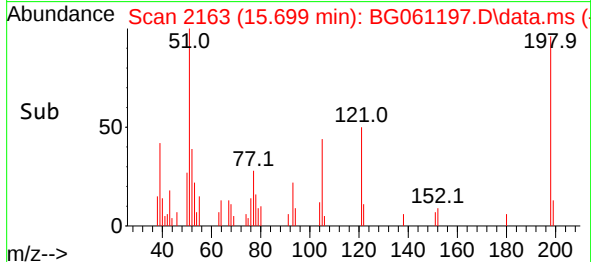
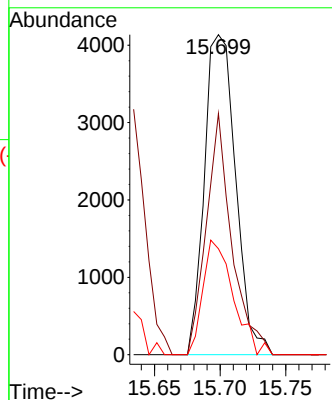
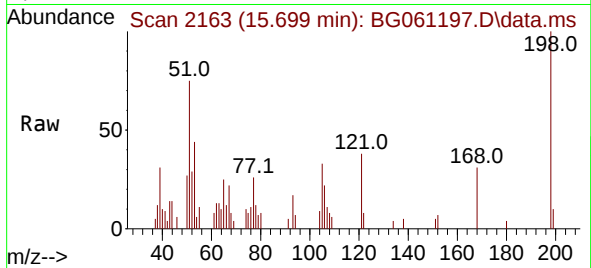




#65
4,6-Dinitro-2-methylphenol
Concen: 6.578 ng
RT: 15.699 min Scan# 2163
Delta R.T. -0.012 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

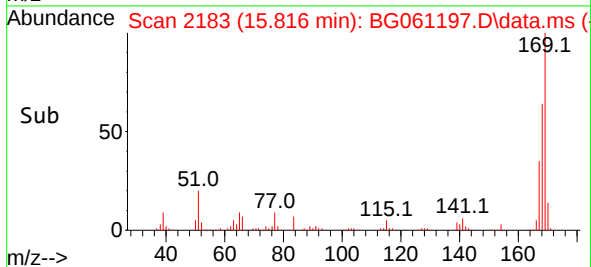
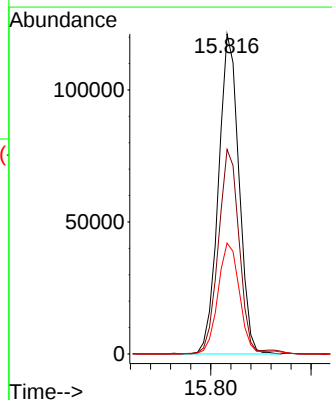
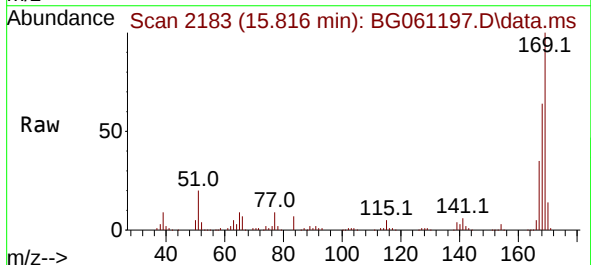
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

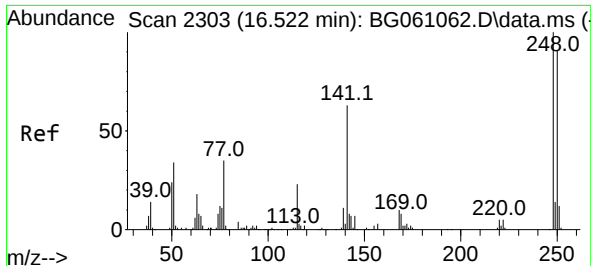
Tgt Ion:198 Resp: 6864
Ion Ratio Lower Upper
198 100
51 75.3 41.2 81.2
105 33.1 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.122 ng
RT: 15.816 min Scan# 2183
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:169 Resp: 171498
Ion Ratio Lower Upper
169 100
168 63.9 50.6 75.8
167 34.6 27.4 41.2

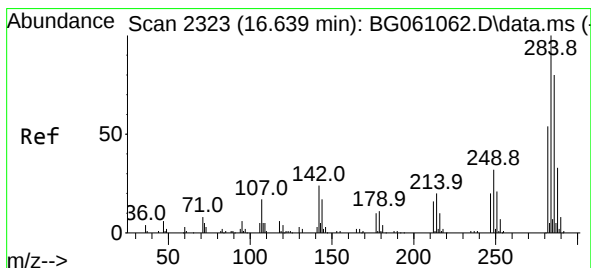
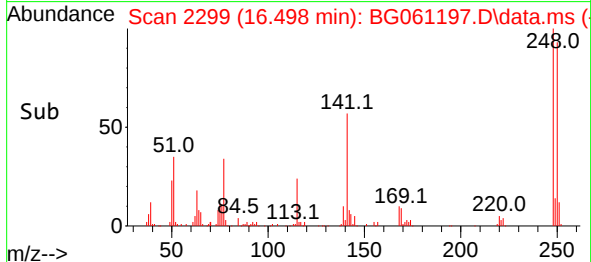
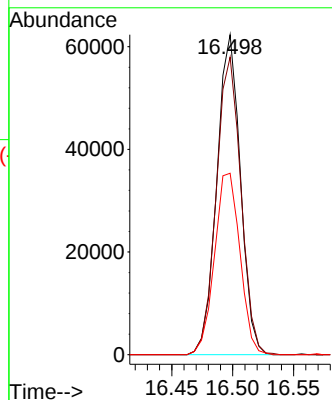
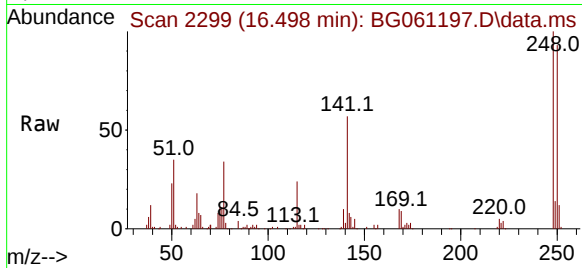




#67
4-Bromophenyl-phenylether
Concen: 42.388 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

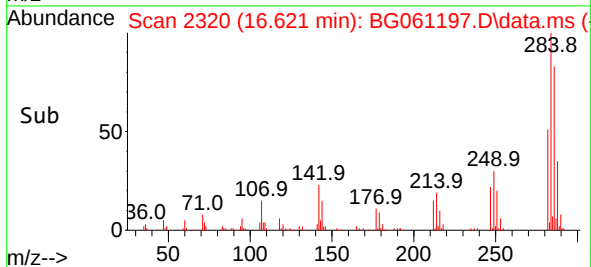
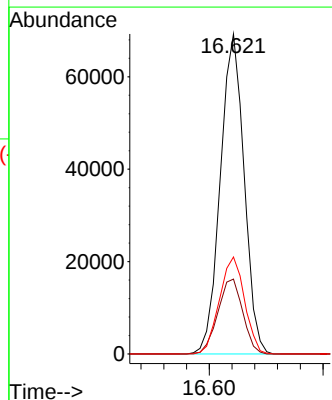
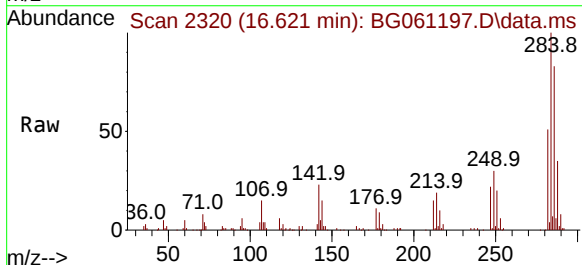
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

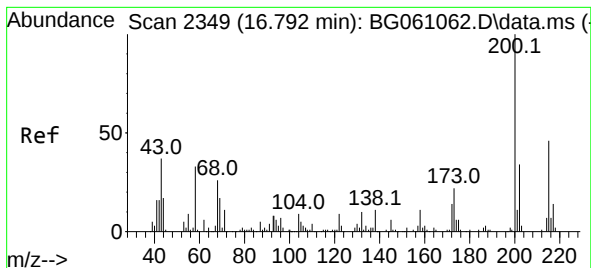
Tgt Ion:248 Resp: 83977
Ion Ratio Lower Upper
248 100
250 93.0 73.0 109.4
141 56.7 50.8 76.2



#68
Hexachlorobenzene
Concen: 40.770 ng
RT: 16.621 min Scan# 2320
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:284 Resp: 100532
Ion Ratio Lower Upper
284 100
142 23.4 19.2 28.8
249 30.3 25.4 38.2





#69

Atrazine

Concen: 36.639 ng

RT: 16.768 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

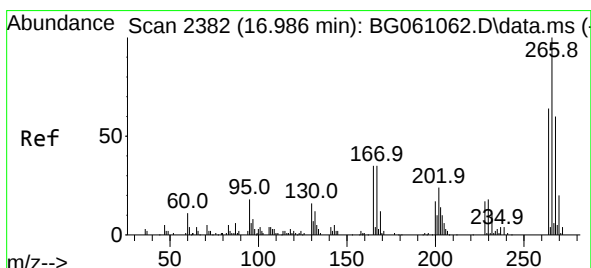
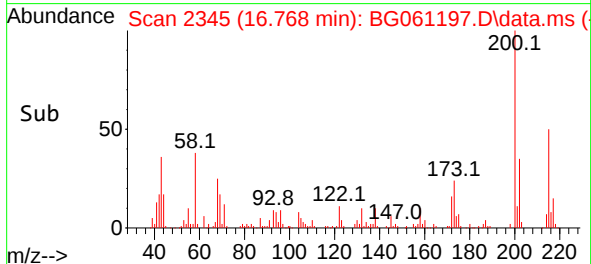
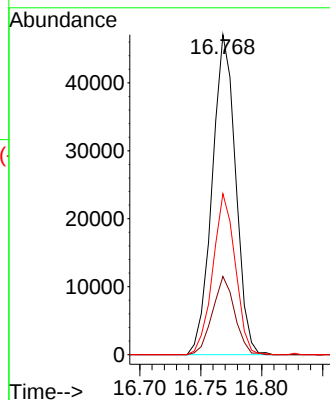
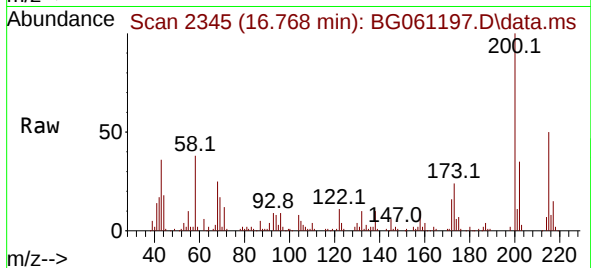
Tgt Ion:200 Resp: 63017

Ion Ratio Lower Upper

200 100

173 24.4 2.0 42.0

215 50.3 26.2 66.2



#70

Pentachlorophenol

Concen: 33.776 ng

RT: 16.968 min Scan# 2379

Delta R.T. -0.018 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

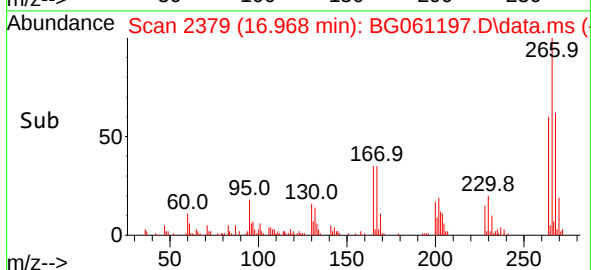
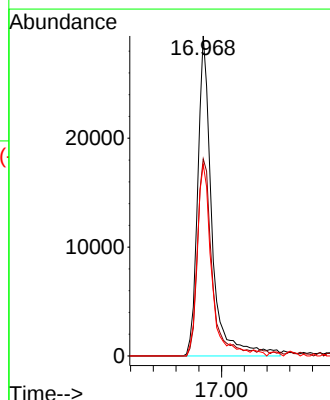
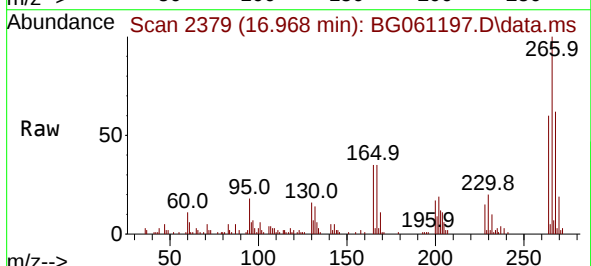
Tgt Ion:266 Resp: 51167

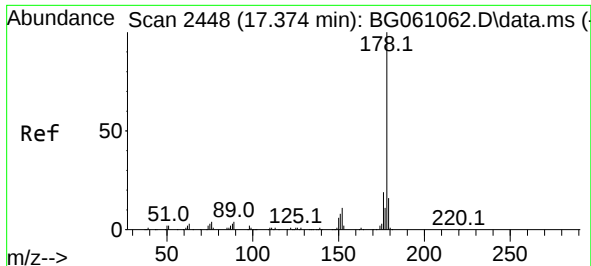
Ion Ratio Lower Upper

266 100

268 65.0 47.8 71.8

264 59.8 51.5 77.3

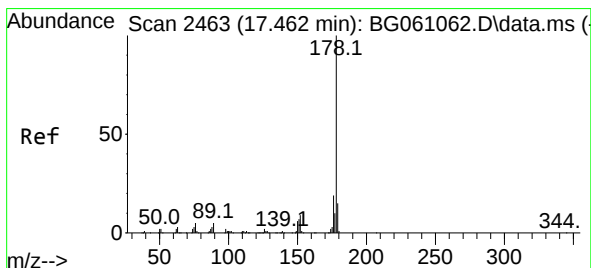
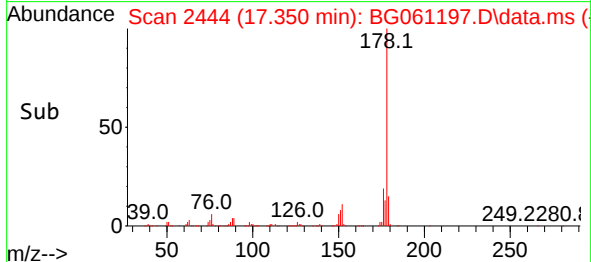
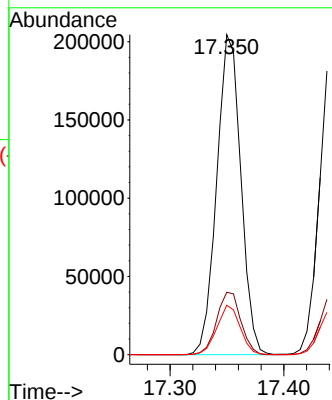
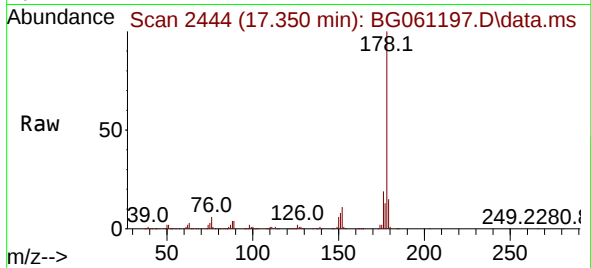




#71
Phenanthrene
Concen: 39.194 ng
RT: 17.350 min Scan# 2448
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

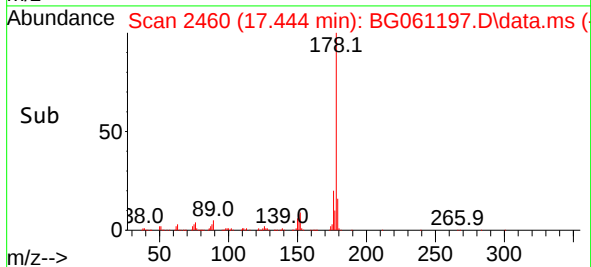
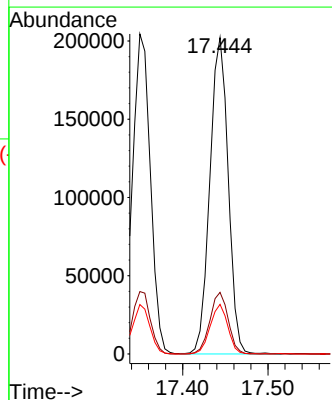
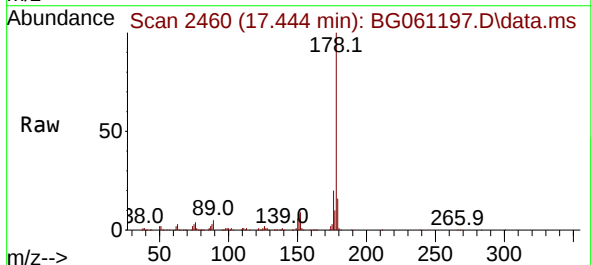
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

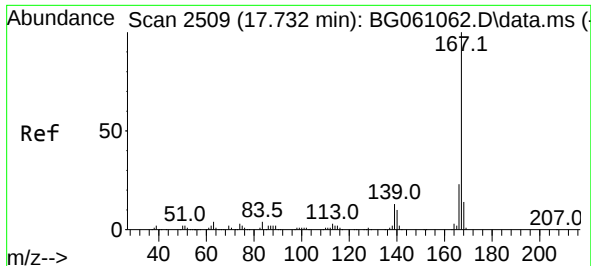
Tgt Ion:178 Resp: 301393
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.6 19.0



#72
Anthracene
Concen: 39.311 ng
RT: 17.444 min Scan# 2460
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:178 Resp: 301635
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 15.7 12.0 18.0

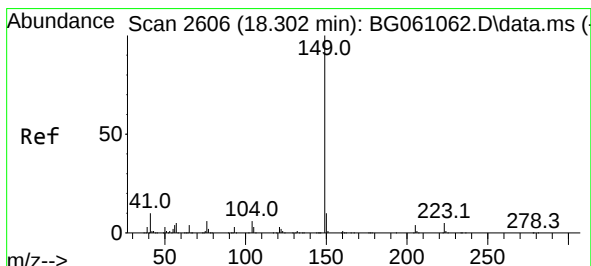
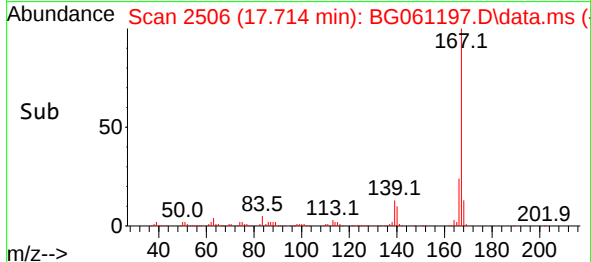
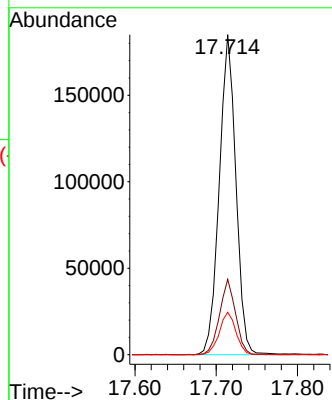
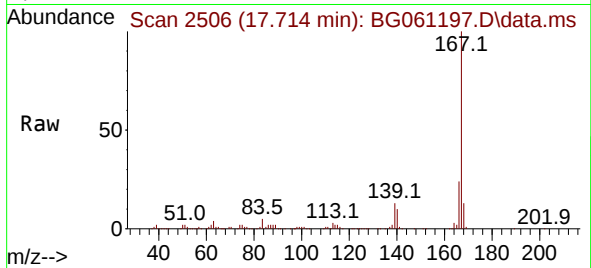




#73
 Carbazole
 Concen: 39.030 ng
 RT: 17.714 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG061197.D
 Acq: 14 May 2024 20:00

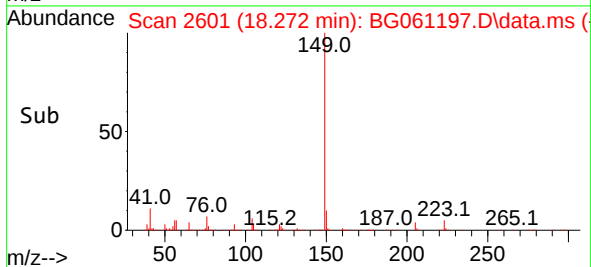
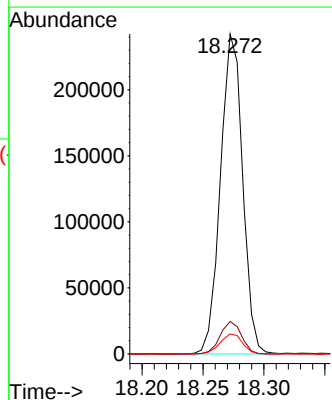
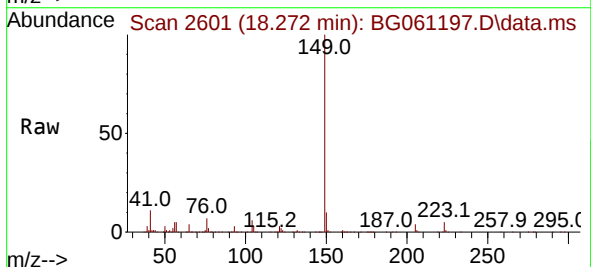
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

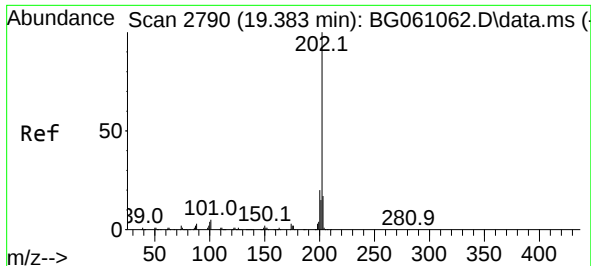
Tgt Ion:167 Resp: 263315
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.7 28.1
 139 13.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 38.227 ng
 RT: 18.272 min Scan# 2601
 Delta R.T. -0.030 min
 Lab File: BG061197.D
 Acq: 14 May 2024 20:00

Tgt Ion:149 Resp: 306667
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 6.3 5.0 7.6

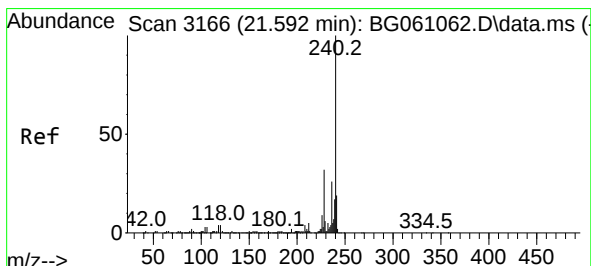
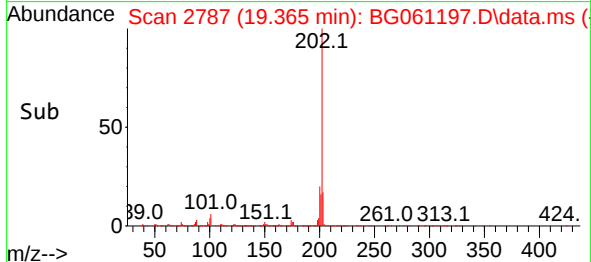
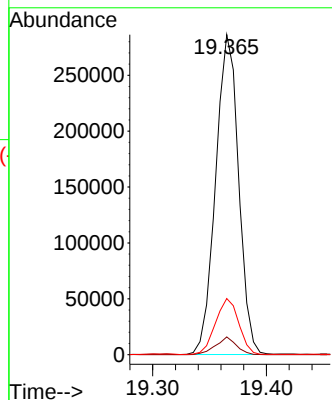
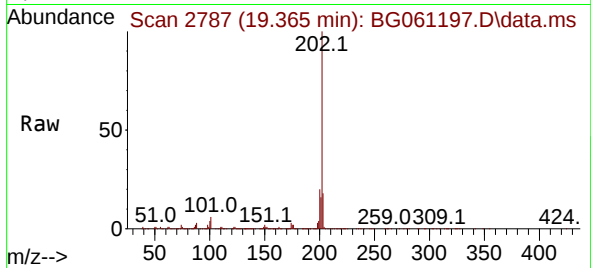




#75
Fluoranthene
Concen: 38.190 ng
RT: 19.365 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

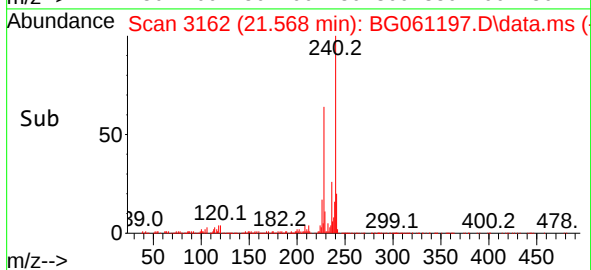
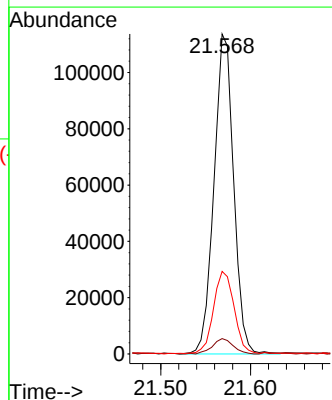
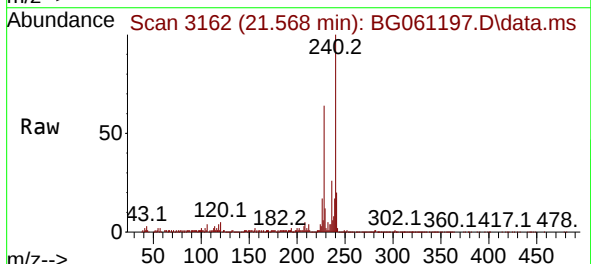
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

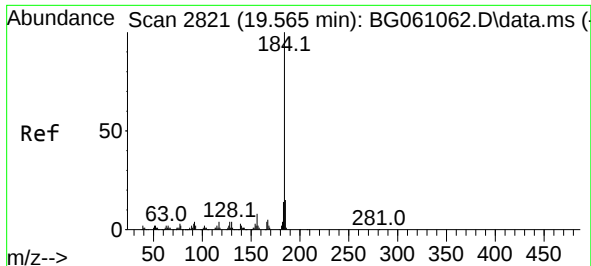
Tgt Ion:202 Resp: 402325
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:240 Resp: 172691
Ion Ratio Lower Upper
240 100
120 4.8 3.2 4.8#
236 25.8 21.0 31.6

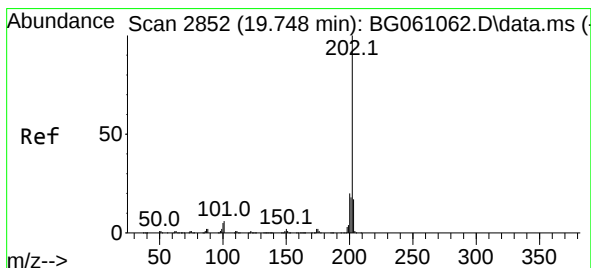
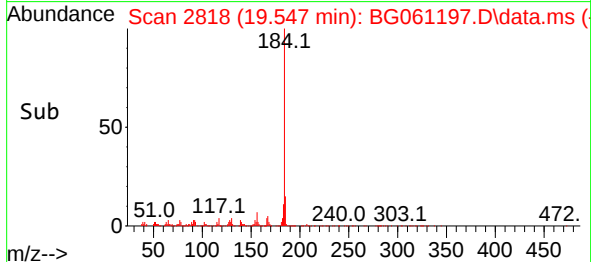
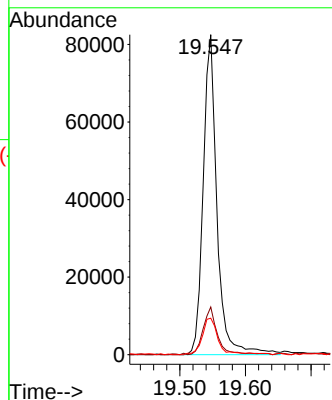
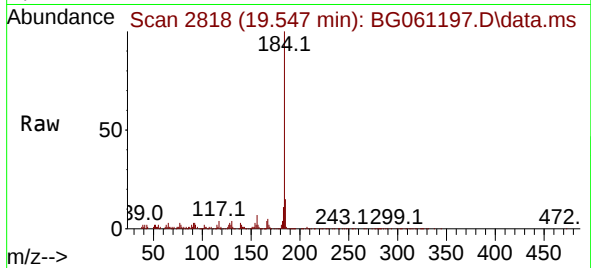




#77
Benzidine
Concen: 37.441 ng
RT: 19.547 min Scan# 2818
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

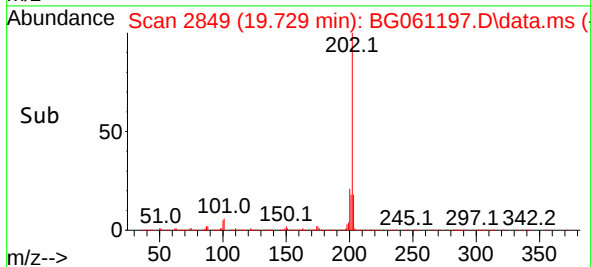
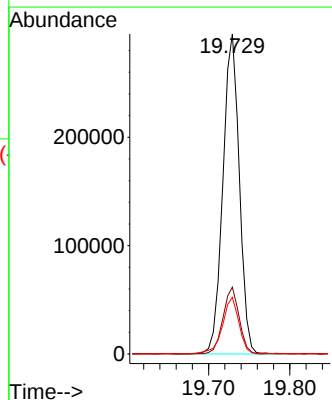
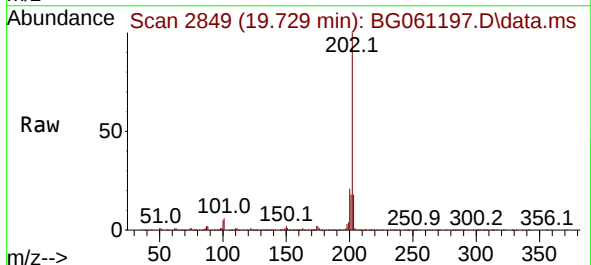
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

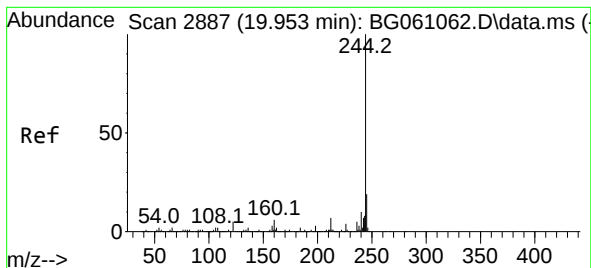
Tgt Ion:184 Resp: 120891
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.4 10.9 16.3



#78
Pyrene
Concen: 37.835 ng
RT: 19.729 min Scan# 2849
Delta R.T. -0.018 min
Lab File: BG061197.D
Acq: 14 May 2024 20:00

Tgt Ion:202 Resp: 415386
Ion Ratio Lower Upper
202 100
200 20.9 16.2 24.4
203 17.7 13.3 19.9





#79

Terphenyl-d14

Concen: 75.750 ng

RT: 19.929 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

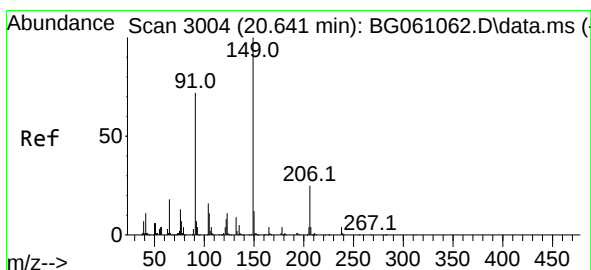
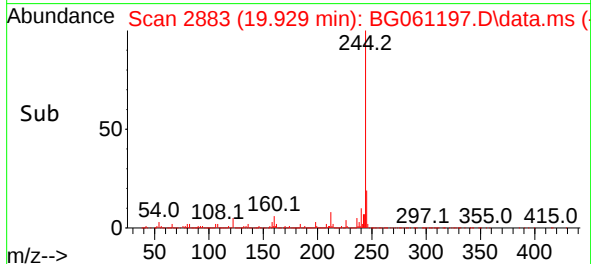
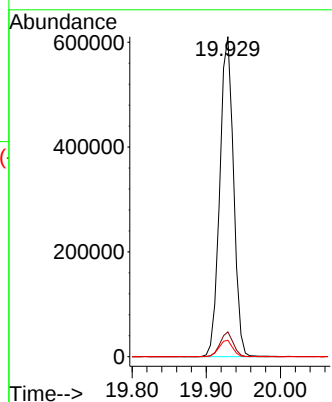
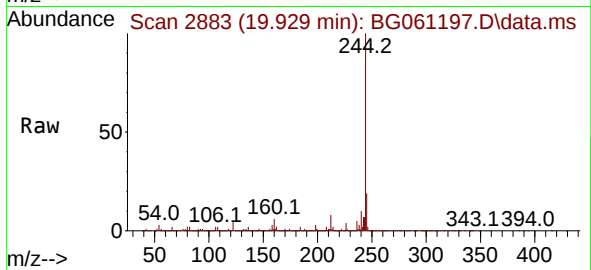
Tgt Ion:244 Resp: 786548

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 5.2 4.2 6.2



#80

Butylbenzylphthalate

Concen: 37.801 ng

RT: 20.616 min Scan# 3000

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

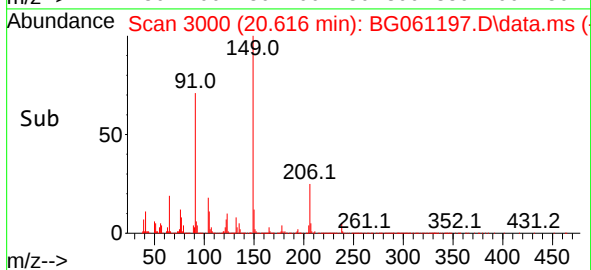
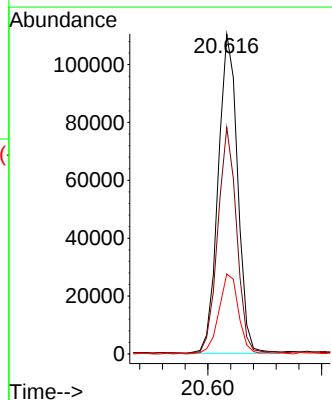
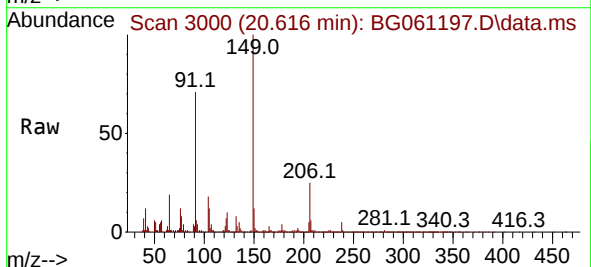
Tgt Ion:149 Resp: 131370

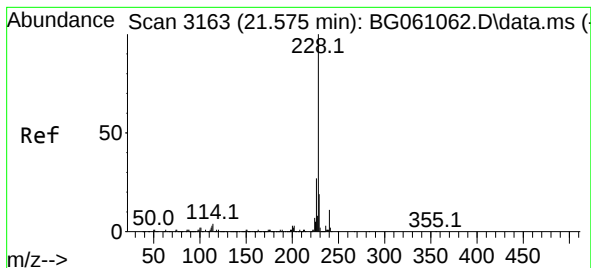
Ion Ratio Lower Upper

149 100

91 70.8 57.4 86.2

206 25.0 19.8 29.6





#81

Benzo(a)anthracene

Concen: 37.930 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

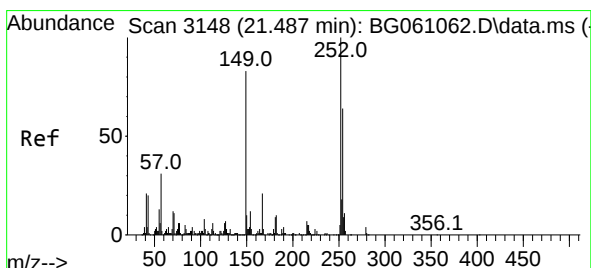
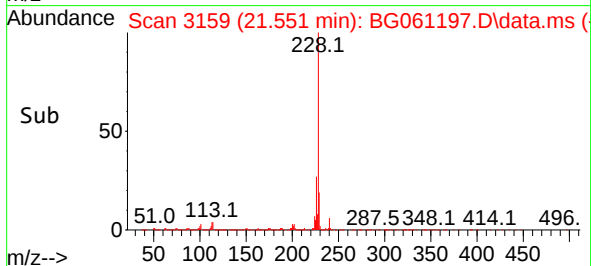
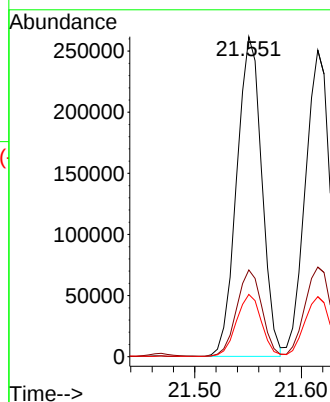
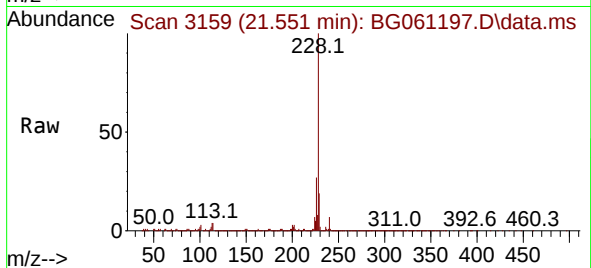
Tgt Ion:228 Resp: 428625

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.5 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 38.371 ng

RT: 21.468 min Scan# 3145

Delta R.T. -0.018 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

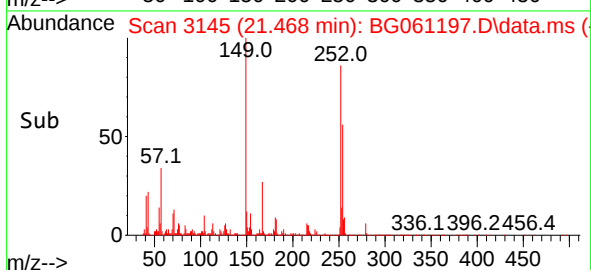
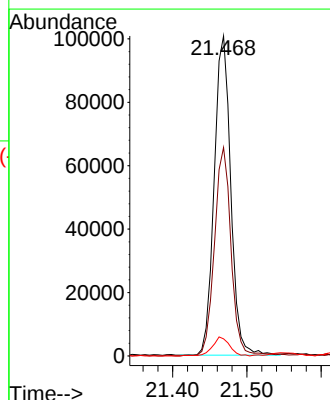
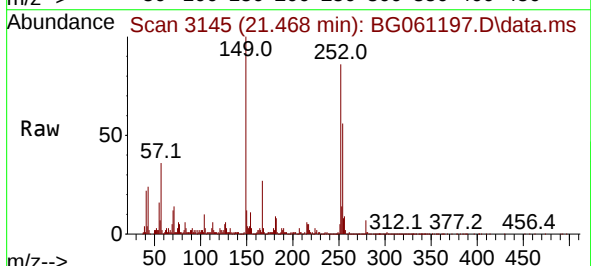
Tgt Ion:252 Resp: 156046

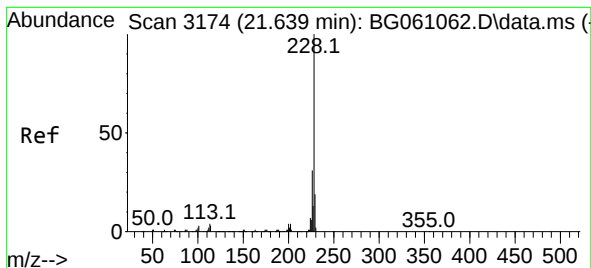
Ion Ratio Lower Upper

252 100

254 65.1 51.3 76.9

126 5.3 5.2 7.8





#83

Chrysene

Concen: 38.495 ng

RT: 21.615 min Scan# 3170

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

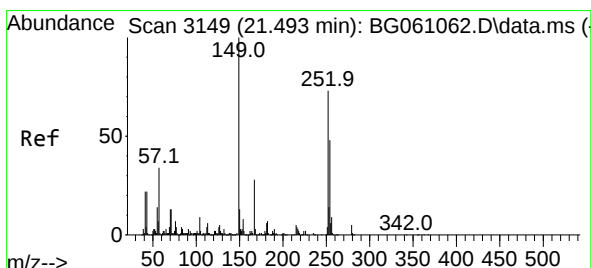
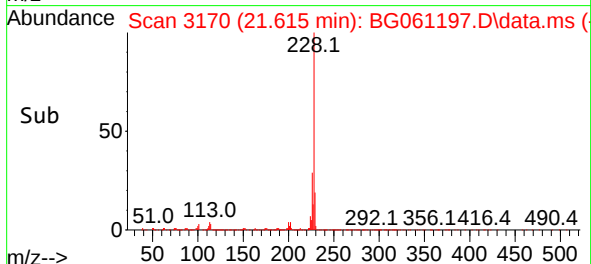
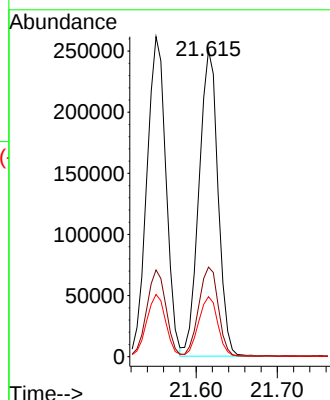
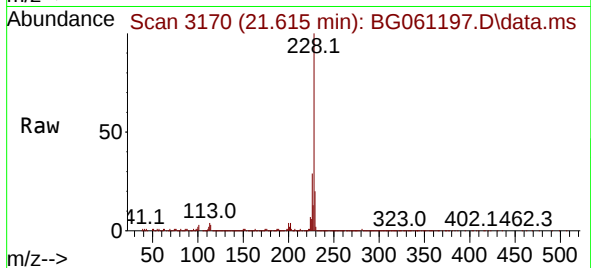
Tgt Ion:228 Resp: 407561

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 19.6 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.917 ng

RT: 21.463 min Scan# 3144

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

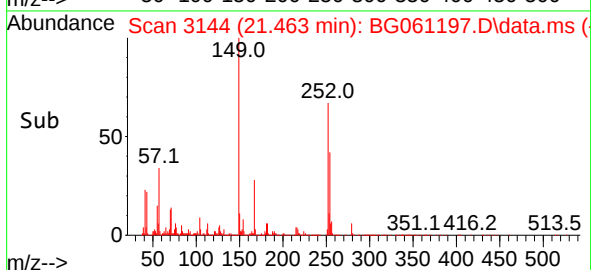
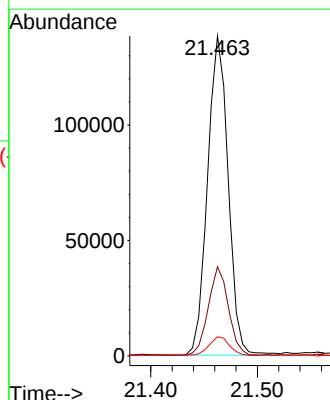
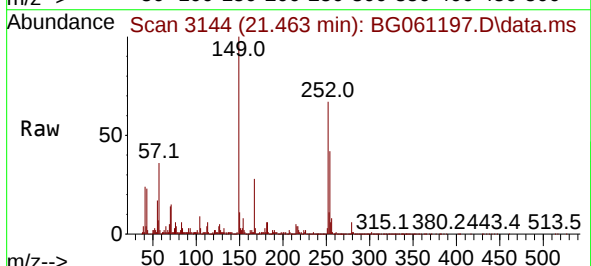
Tgt Ion:149 Resp: 185690

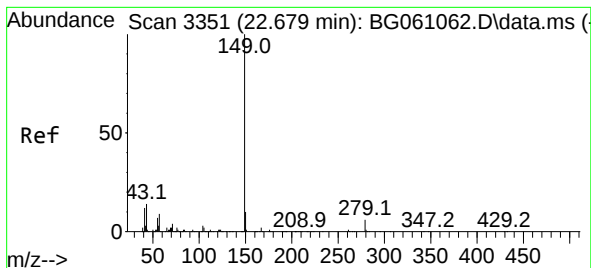
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 6.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 40.481 ng

RT: 22.644 min Scan# 31

Delta R.T. -0.036 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

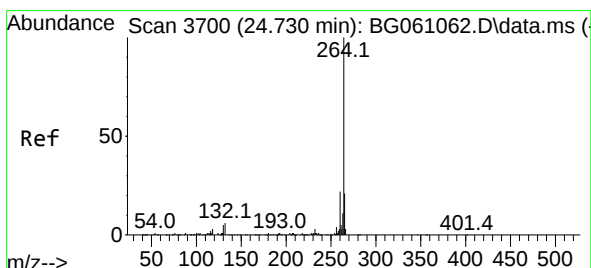
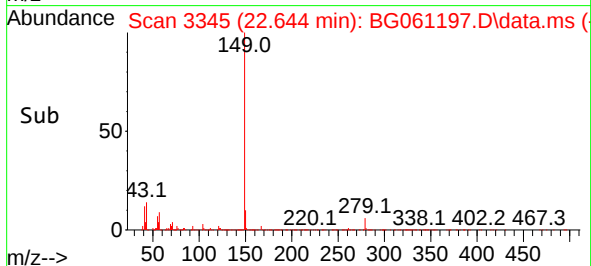
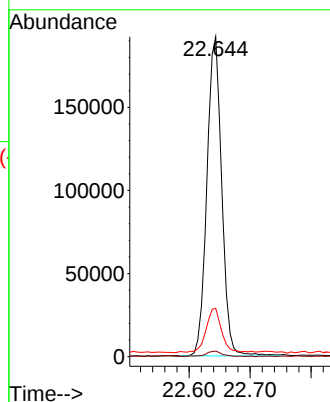
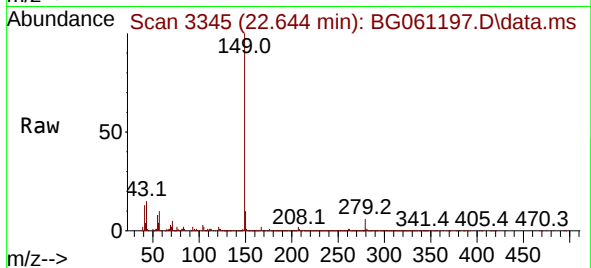
Tgt Ion:149 Resp: 324115

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

43 14.0 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.694 min Scan# 3694

Delta R.T. -0.036 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

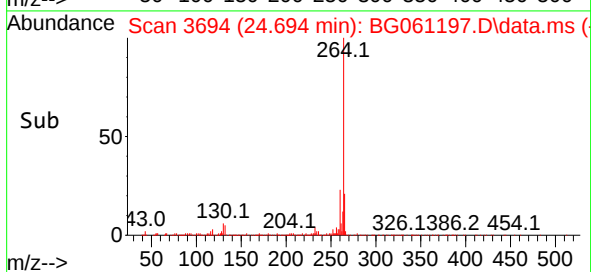
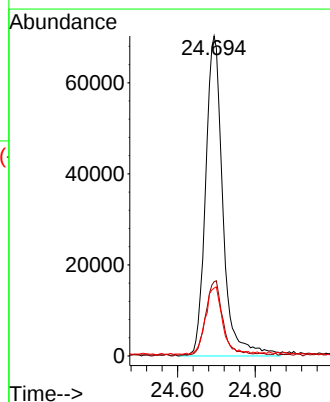
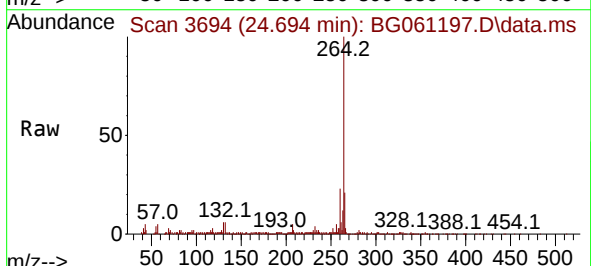
Tgt Ion:264 Resp: 217054

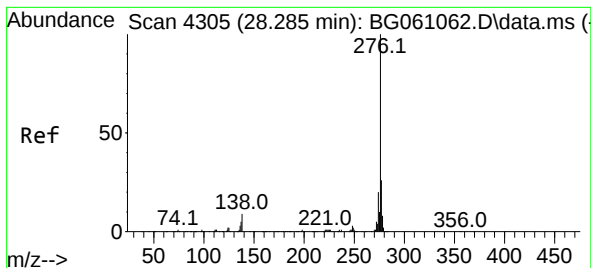
Ion Ratio Lower Upper

264 100

260 23.2 17.7 26.5

265 21.2 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.908 ng

RT: 28.249 min Scan# 41

Delta R.T. -0.036 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

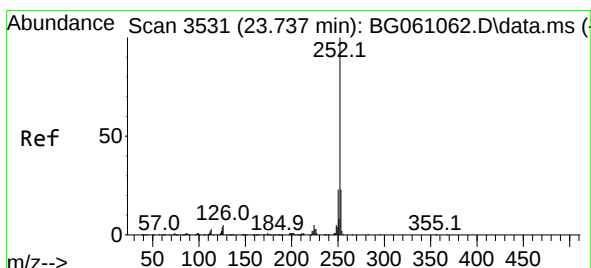
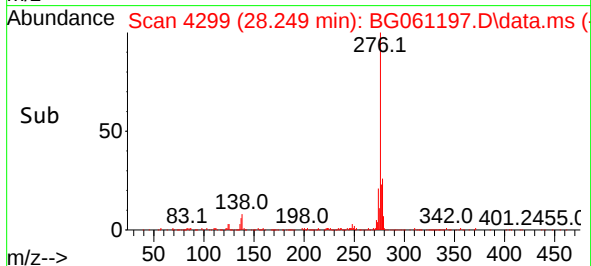
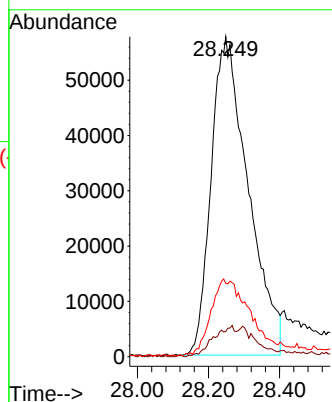
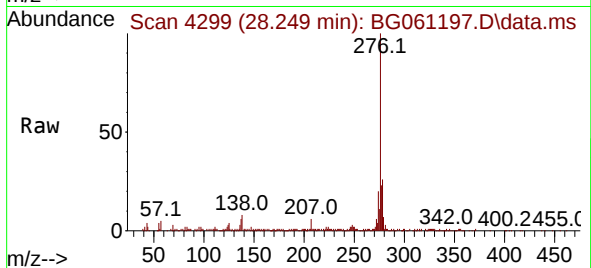
Tgt Ion:276 Resp: 415834

Ion Ratio Lower Upper

276 100

138 0.0 5.1 7.7#

277 11.2 20.6 30.8#



#88

Benzo(b)fluoranthene

Concen: 35.434 ng

RT: 23.707 min Scan# 3526

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

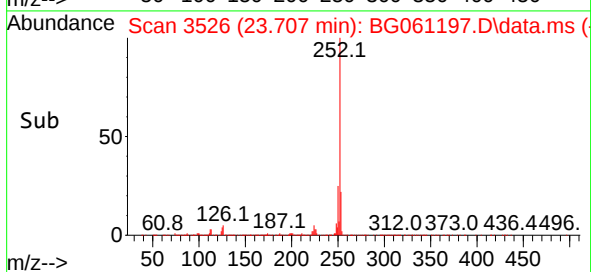
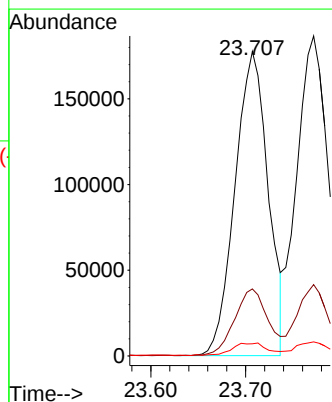
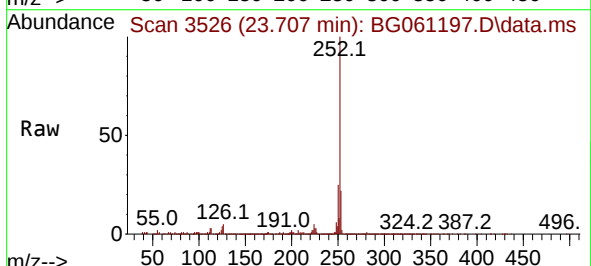
Tgt Ion:252 Resp: 429781

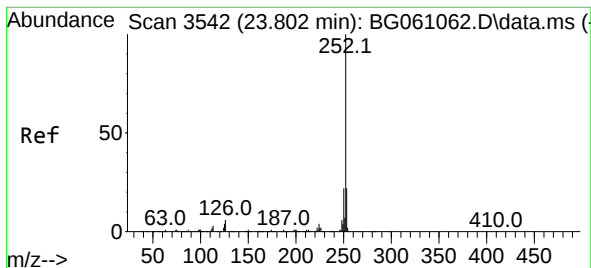
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 4.0 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 38.593 ng

RT: 23.772 min Scan# 3

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

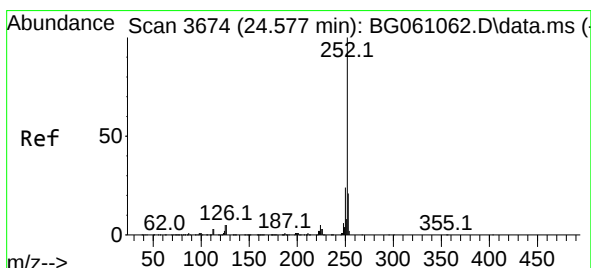
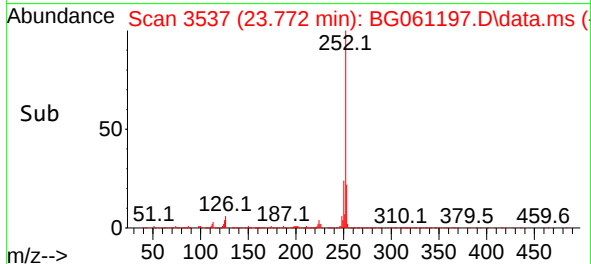
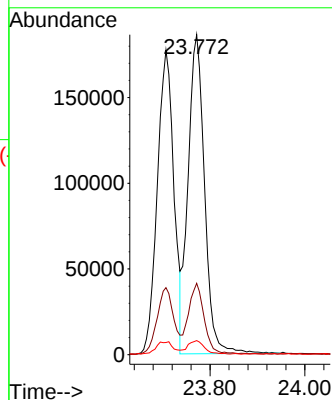
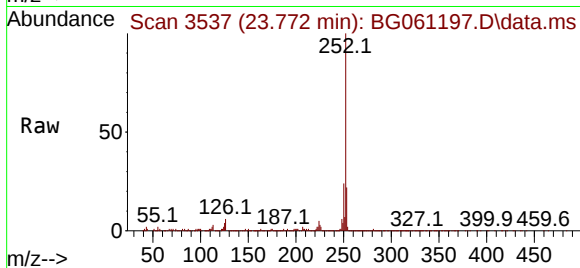
Tgt Ion:252 Resp: 450332

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 4.4 3.2 4.8



#90

Benzo(a)pyrene

Concen: 36.306 ng

RT: 24.553 min Scan# 3670

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

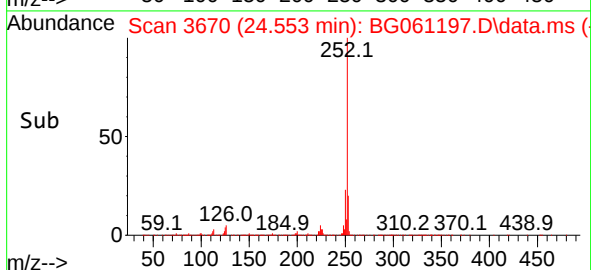
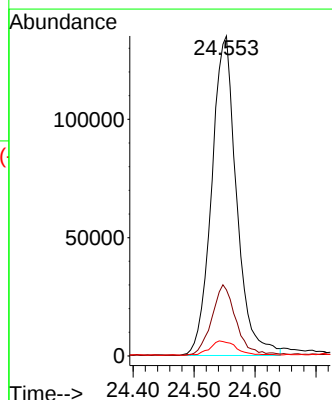
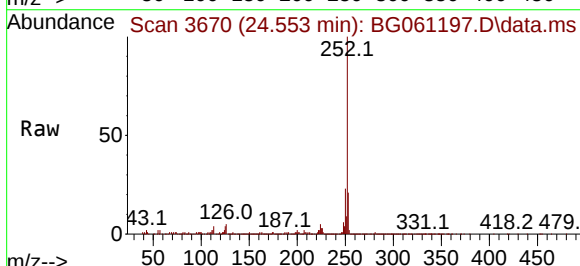
Tgt Ion:252 Resp: 383642

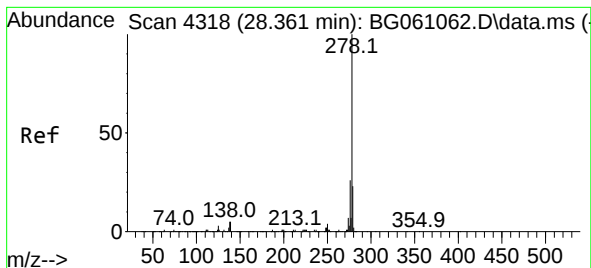
Ion Ratio Lower Upper

252 100

253 20.6 16.9 25.3

125 4.2 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 32.362 ng

RT: 28.302 min Scan# 41

Delta R.T. -0.059 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

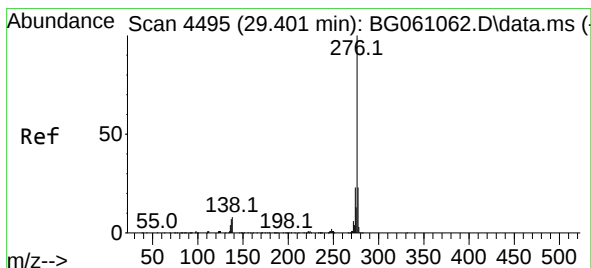
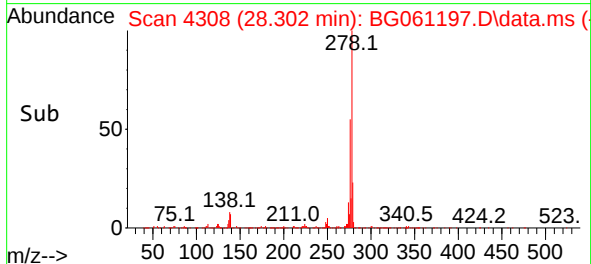
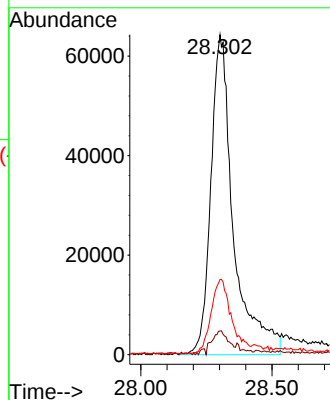
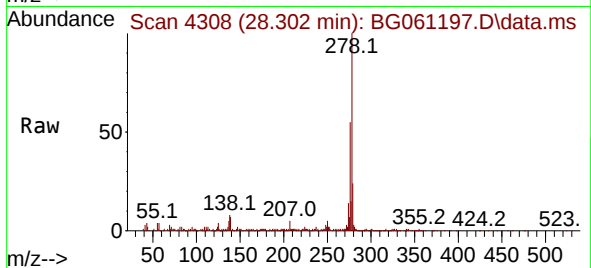
Tgt Ion:278 Resp: 385513

Ion Ratio Lower Upper

278 100

139 7.4 4.2 6.2#

279 23.5 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 25.440 ng

RT: 29.353 min Scan# 4487

Delta R.T. -0.048 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Tgt Ion:276 Resp: 301159

Ion Ratio Lower Upper

276 100

277 24.0 18.2 27.4

138 9.0 6.2 9.2

