

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063959.D
 Acq On : 24 Jan 2025 16:17
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 15:01:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:52:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	82020	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	353223	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	222884	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	495105	20.000	ng	0.00
76) Chrysene-d12	21.567	240	521374	20.000	ng	0.00
86) Perylene-d12	24.657	264	543114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	680783	114.527	ng	0.00
7) Phenol-d6	7.119	99	926420	115.390	ng	0.00
23) Nitrobenzene-d5	9.111	82	780532	131.615	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	290212	127.473	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	1807075	114.583	ng	0.00
79) Terphenyl-d14	19.933	244	2845278	109.059	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.476	88	150187	56.984	ng	98
3) Pyridine	3.858	79	346057	47.917	ng	98
4) n-Nitrosodimethylamine	3.776	42	233607	56.852	ng	100
6) Aniline	7.284	93	380346	57.163	ng	96
8) 2-Chlorophenol	7.519	128	355753	57.002	ng	95
9) Benzaldehyde	7.096	77	219878	46.451	ng	96
10) Phenol	7.143	94	486721	57.395	ng	98
11) bis(2-Chloroethyl)ether	7.384	93	373276	56.248	ng	96
12) 1,3-Dichlorobenzene	7.848	146	381596	56.637	ng	98
13) 1,4-Dichlorobenzene	7.995	146	391687	57.360	ng	98
14) 1,2-Dichlorobenzene	8.312	146	375979	56.662	ng	97
15) Benzyl Alcohol	8.188	79	347206	58.271	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.488	45	711625	58.020	ng	100
17) 2-Methylphenol	8.388	107	321978	58.317	ng	96
18) Hexachloroethane	9.040	117	138807	58.286	ng	97
19) n-Nitroso-di-n-propyla...	8.764	70	308492	57.007	ng	98
20) 3+4-Methylphenols	8.717	107	441215	58.610	ng	98
22) Acetophenone	8.770	105	585858	57.570	ng	# 96
24) Nitrobenzene	9.152	77	436360	65.196	ng	99
25) Isophorone	9.675	82	837688	58.306	ng	99
26) 2-Nitrophenol	9.857	139	125089	60.843	ng	91
27) 2,4-Dimethylphenol	9.916	122	248030	59.566	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	520139	59.183	ng	98
29) 2,4-Dichlorophenol	10.392	162	317291	60.444	ng	97
30) 1,2,4-Trichlorobenzene	10.609	180	375123	58.057	ng	98
31) Naphthalene	10.797	128	1184197	58.386	ng	98
32) Benzoic acid	10.080	122	224077	63.937	ng	94
33) 4-Chloroaniline	10.897	127	425625	59.241	ng	95
34) Hexachlorobutadiene	11.085	225	250340	59.504	ng	97
35) Caprolactam	11.678	113	104075	51.131	ng	98
36) 4-Chloro-3-methylphenol	12.019	107	404125	59.930	ng	98
37) 2-Methylnaphthalene	12.401	142	785392	57.587	ng	94
38) 1-Methylnaphthalene	12.619	142	793805	58.141	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	412720	59.516	ng	98
41) Hexachlorocyclopentadiene	12.754	237	97240	68.348	ng	96
43) 2,4,6-Trichlorophenol	13.000	196	266693	63.156	ng	98

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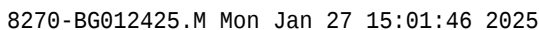
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 ClientSampleId :

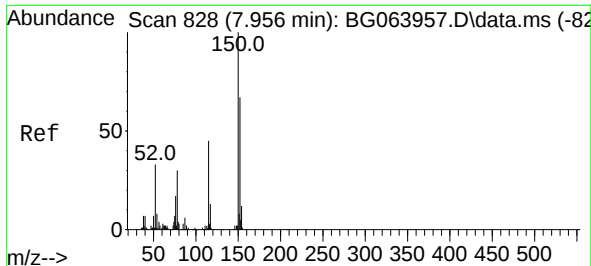
Quant Time: Jan 27 15:01:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	301090	61.860	ng	96
46) 1,1'-Biphenyl	13.412	154	1055845	58.464	ng	97
47) 2-Chloronaphthalene	13.447	162	819656	59.060	ng	99
48) 2-Nitroaniline	13.647	65	247701	60.082	ng	95
49) Acenaphthylene	14.293	152	1166646	58.313	ng	100
50) Dimethylphthalate	14.035	163	989256	58.652	ng	99
51) 2,6-Dinitrotoluene	14.146	165	193256	60.956	ng	98
52) Acenaphthene	14.640	154	811153	58.874	ng	99
53) 3-Nitroaniline	14.469	138	203145	61.291	ng	91
54) 2,4-Dinitrophenol	14.675	184	50974	61.611	ng	91
55) Dibenzofuran	14.975	168	1217623	57.805	ng	99
56) 4-Nitrophenol	14.769	139	170754	59.662	ng	94
57) 2,4-Dinitrotoluene	14.928	165	248566	61.550	ng	# 94
58) Fluorene	15.621	166	966608	56.517	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	266159	65.085	ng	100
60) Diethylphthalate	15.404	149	1051489	58.313	ng	97
61) 4-Chlorophenyl-phenyle...	15.615	204	474430	56.509	ng	99
62) 4-Nitroaniline	15.633	138	213372	60.347	ng	95
63) Azobenzene	15.909	77	1122627	57.887	ng	98
65) 4,6-Dinitro-2-methylph...	15.691	198	81796	59.654	ng	97
66) n-Nitrosodiphenylamine	15.832	169	846384	57.672	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	303652	59.098	ng	94
68) Hexachlorobenzene	16.626	284	354677	58.310	ng	97
69) Atrazine	16.773	200	105563	49.775	ng	99
70) Pentachlorophenol	16.961	266	227886	63.972	ng	94
71) Phenanthrene	17.360	178	1555043	56.531	ng	99
72) Anthracene	17.448	178	1560125	57.823	ng	99
73) Carbazole	17.713	167	1512688	56.490	ng	98
74) Di-n-butylphthalate	18.294	149	1807066	57.345	ng	99
75) Fluoranthene	19.364	202	1917141	55.703	ng	98
77) Benzidine	19.546	184	473222	51.968	ng	98
78) Pyrene	19.728	202	1988127	56.992	ng	99
80) Butylbenzylphthalate	20.627	149	797609	61.963	ng	96
81) Benzo(a)anthracene	21.543	228	2068856	57.868	ng	98
82) 3,3'-Dichlorobenzidine	21.461	252	679998	58.932	ng	97
83) Chrysene	21.608	228	1986671	57.518	ng	99
84) Bis(2-ethylhexyl)phtha...	21.485	149	1234730	59.854	ng	97
85) Di-n-octyl phthalate	22.666	149	2093395	61.767	ng	100
87) Indeno(1,2,3-cd)pyrene	28.165	276	2279578	60.035	ng	98
88) Benzo(b)fluoranthene	23.682	252	2084571	59.532	ng	99
89) Benzo(k)fluoranthene	23.753	252	2016570	57.955	ng	99
90) Benzo(a)pyrene	24.510	252	1816575	59.119	ng	98
91) Dibenzo(a,h)anthracene	28.236	278	1902006	60.109	ng	98
92) Benzo(g,h,i)perylene	29.264	276	1905468	60.036	ng	97

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

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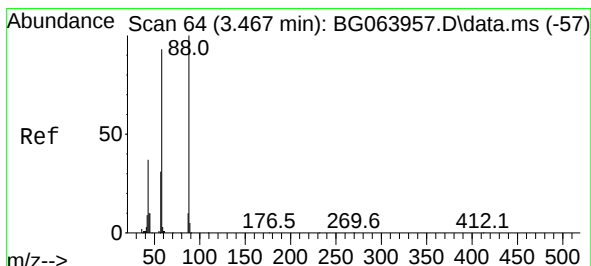
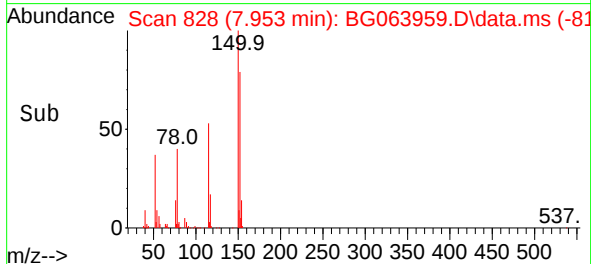
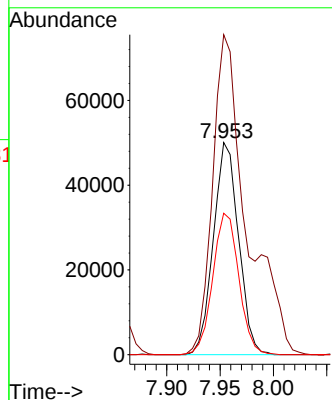
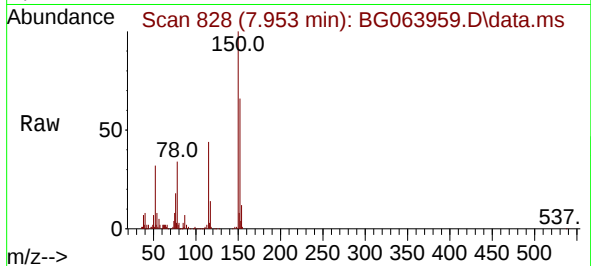




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG063959.D
 Acq: 24 Jan 2025 16:17

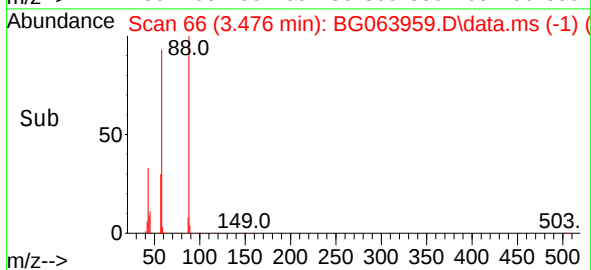
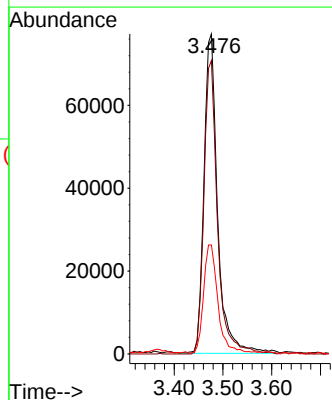
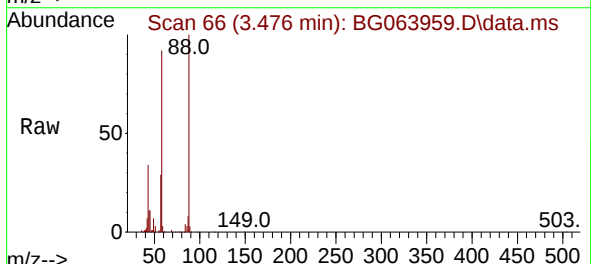
Instrument :
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 ClientSampleId :

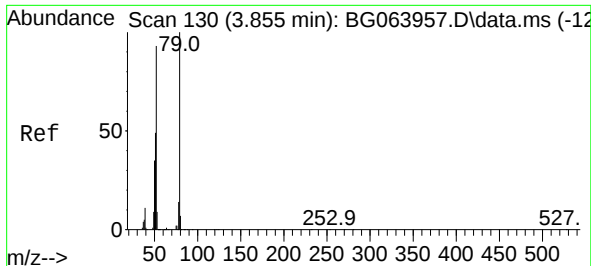
Tgt Ion:152 Resp: 82020
 Ion Ratio Lower Upper
 152 100
 150 150.8 119.4 179.0
 115 66.7 53.4 80.0



#2
 1,4-Dioxane
 Concen: 56.984 ng
 RT: 3.476 min Scan# 66
 Delta R.T. -0.005 min
 Lab File: BG063959.D
 Acq: 24 Jan 2025 16:17

Tgt Ion: 88 Resp: 150187
 Ion Ratio Lower Upper
 88 100
 58 91.1 74.2 111.2
 43 35.8 27.2 40.8

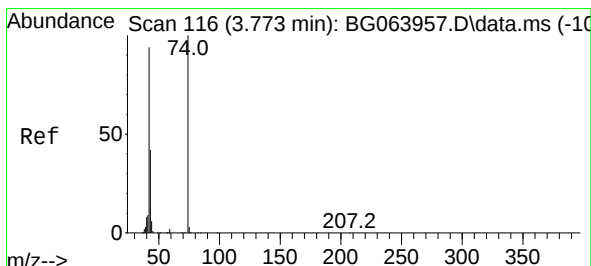
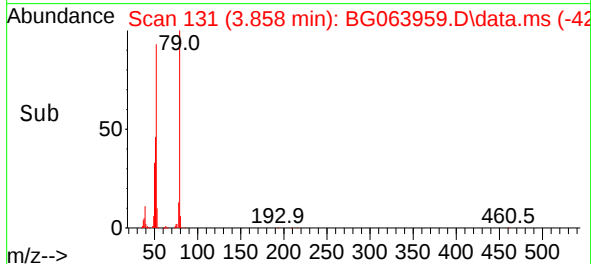
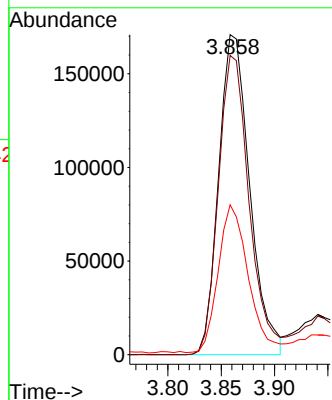
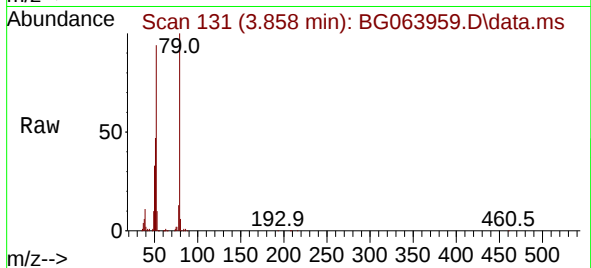




#3
Pyridine
Concen: 47.917 ng
RT: 3.858 min Scan# 114
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

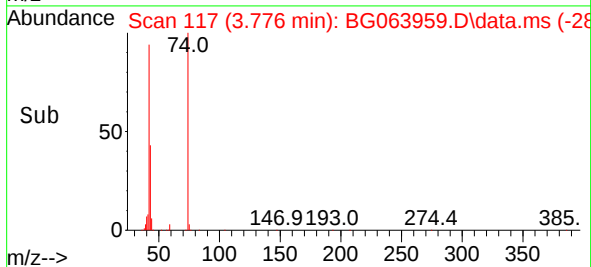
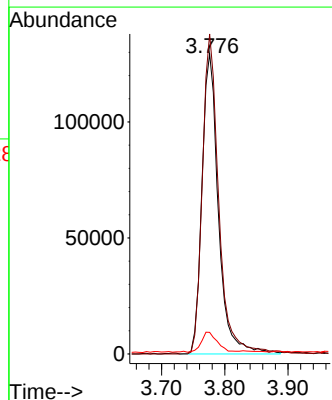
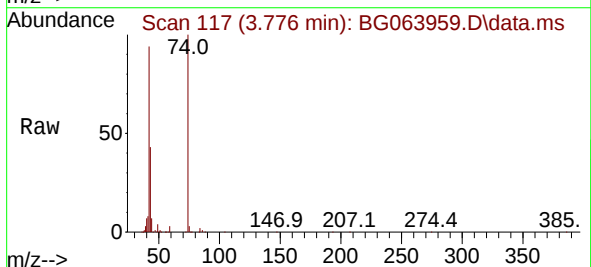
Instrument :
BNA_G
ClientSampleId :

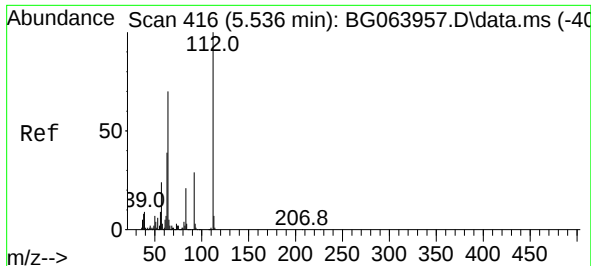
Tgt Ion: 79 Resp: 346057
Ion Ratio Lower Upper
79 100
52 93.5 74.6 112.0
51 46.8 39.8 59.6



#4
n-Nitrosodimethylamine
Concen: 56.852 ng
RT: 3.776 min Scan# 117
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion: 42 Resp: 233607
Ion Ratio Lower Upper
42 100
74 106.6 85.2 127.8
44 7.2 6.1 9.1

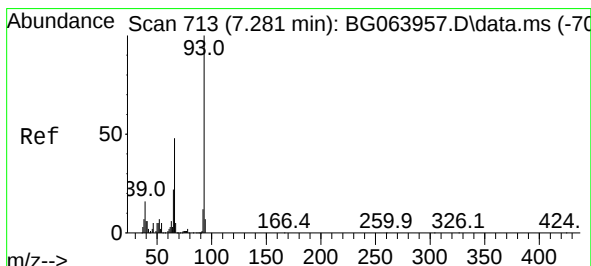
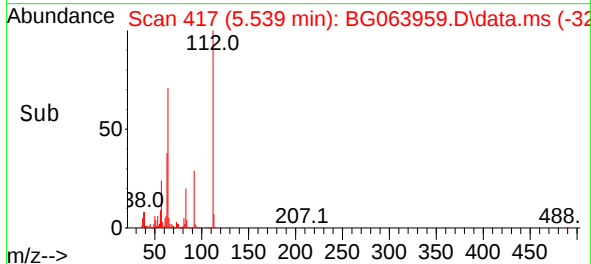
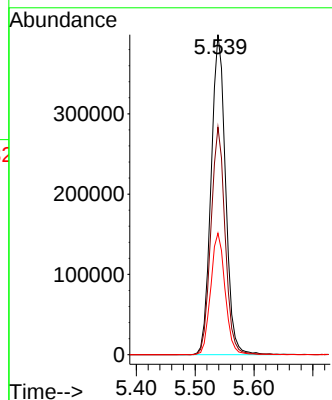
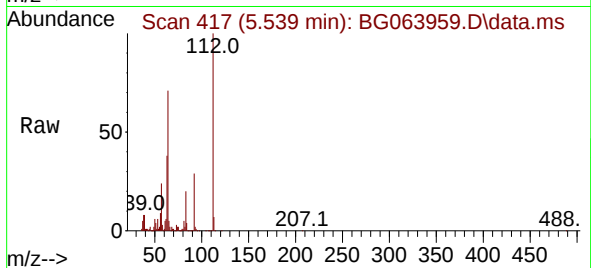




#5
2-Fluorophenol
Concen: 114.527 ng
RT: 5.539 min Scan# 416
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

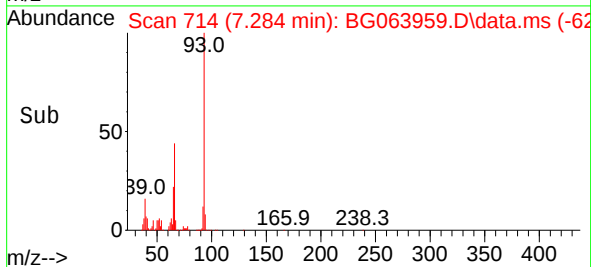
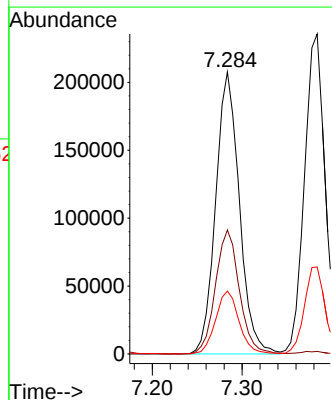
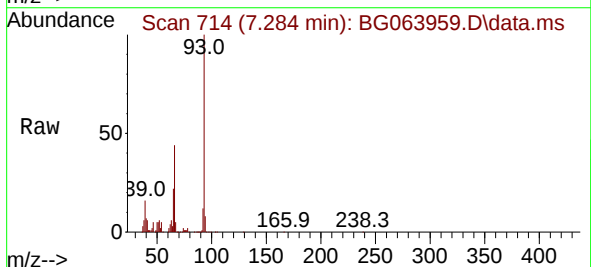
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BNA_G
ClientSampleId :

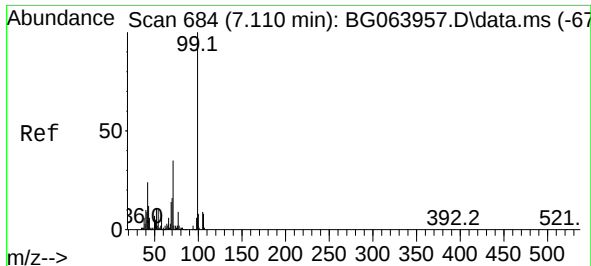
Tgt Ion:112 Resp: 680783
Ion Ratio Lower Upper
112 100
64 71.1 56.2 84.4
63 38.0 31.5 47.3



#6
Aniline
Concen: 57.163 ng
RT: 7.284 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion: 93 Resp: 380346
Ion Ratio Lower Upper
93 100
66 44.0 38.2 57.4
65 22.3 17.4 26.0

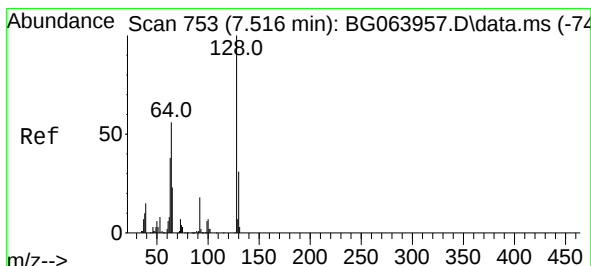
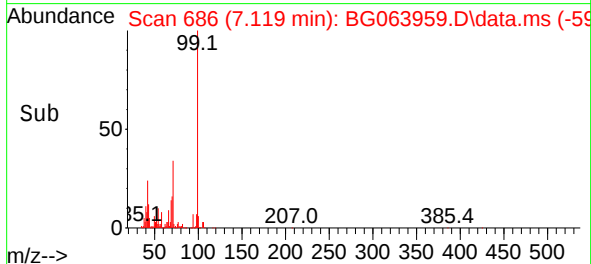
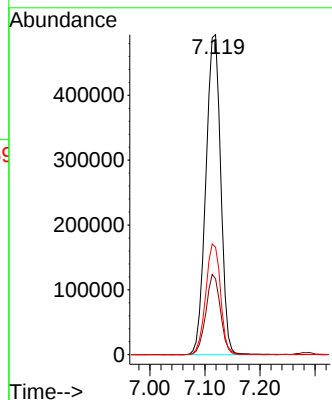
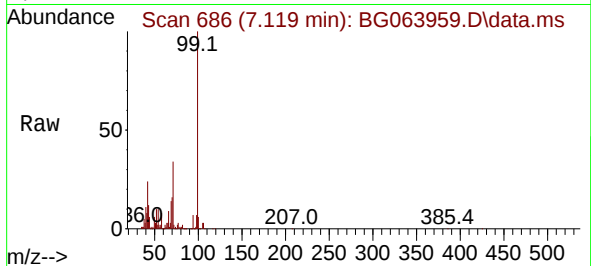




#7
Phenol-d6
Concen: 115.390 ng
RT: 7.119 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

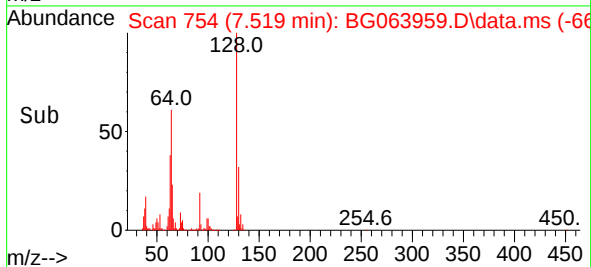
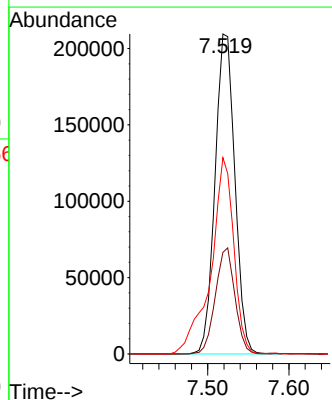
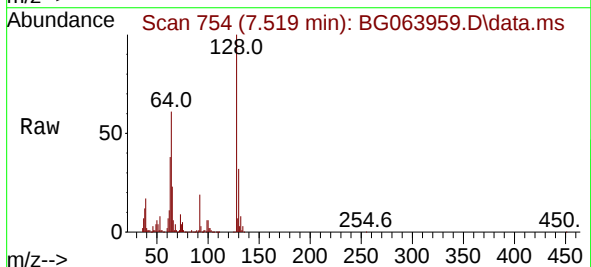
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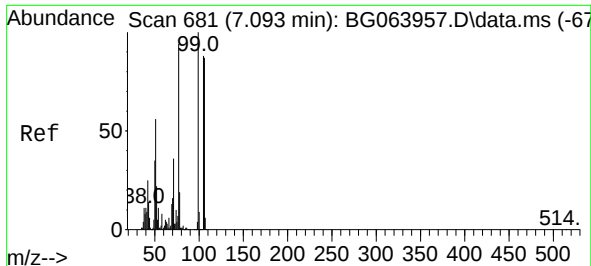
Tgt Ion: 99 Resp: 926420
Ion Ratio Lower Upper
99 100
42 23.7 19.3 28.9
71 33.6 28.4 42.6



#8
2-Chlorophenol
Concen: 57.002 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:128 Resp: 355753
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 61.3 37.0 77.0

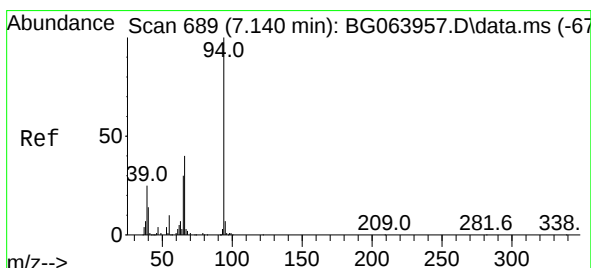
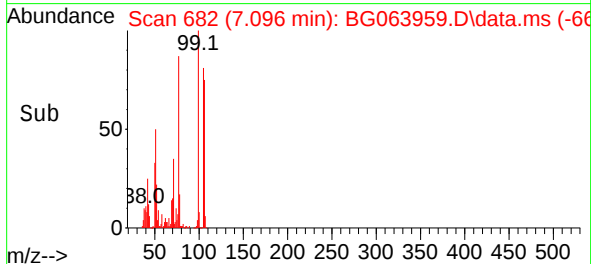
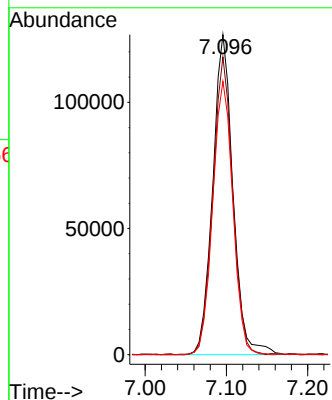
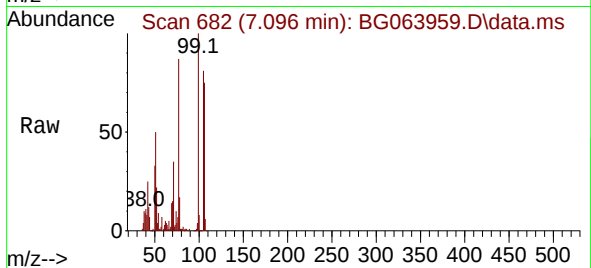




#9
Benzaldehyde
Concen: 46.451 ng
RT: 7.096 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

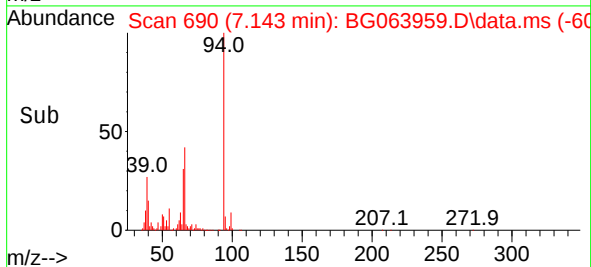
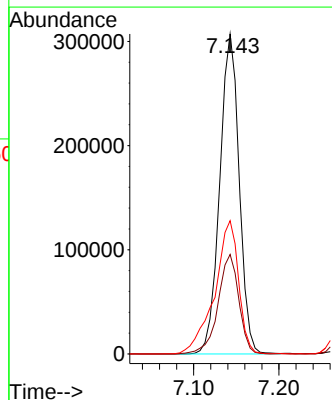
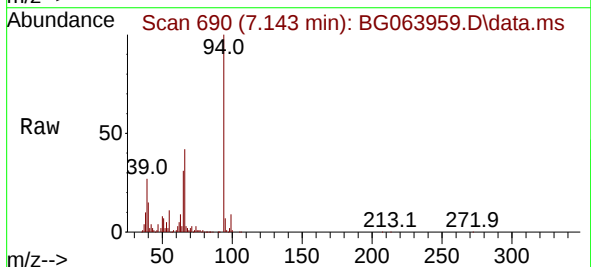
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ClientSampleId :

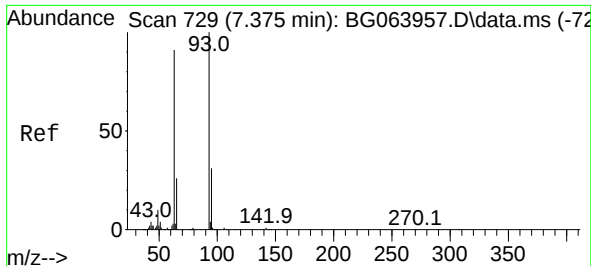
Tgt Ion: 77 Resp: 219878
Ion Ratio Lower Upper
77 100
105 93.1 73.8 113.8
106 85.4 72.5 112.5



#10
Phenol
Concen: 57.395 ng
RT: 7.143 min Scan# 690
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion: 94 Resp: 486721
Ion Ratio Lower Upper
94 100
65 31.1 9.9 49.9
66 41.7 20.5 60.5

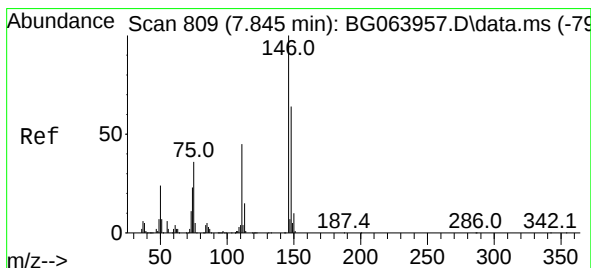
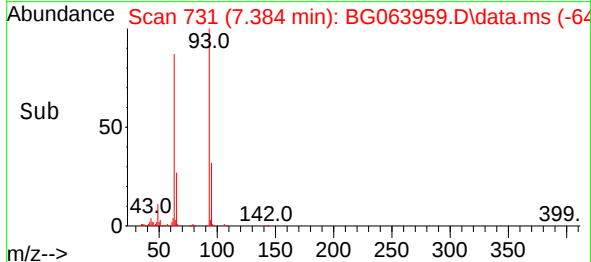
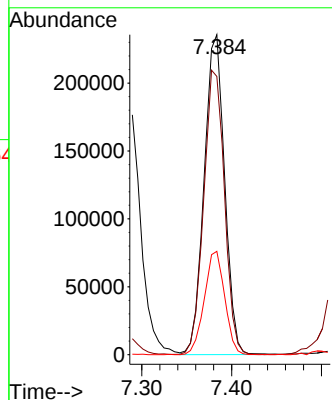
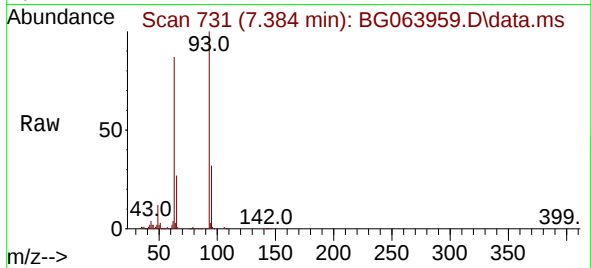




#11
bis(2-Chloroethyl)ether
Concen: 56.248 ng
RT: 7.384 min Scan# 741
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

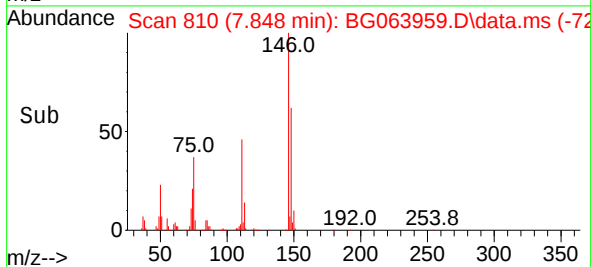
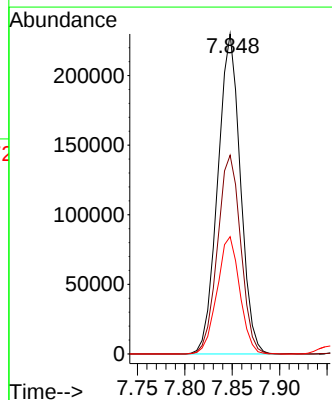
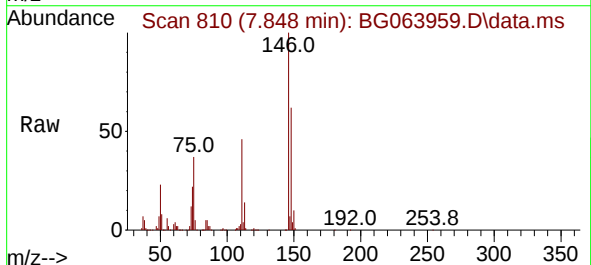
Instrument :
BNA_G
ClientSampleId :

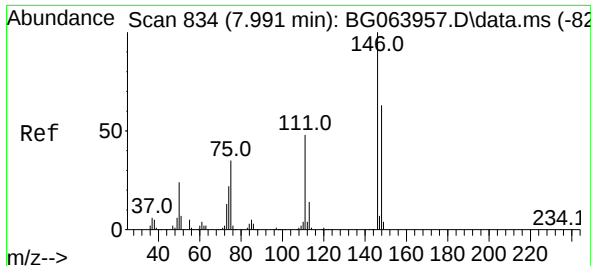
Tgt Ion: 93 Resp: 373276
Ion Ratio Lower Upper
93 100
63 86.9 70.8 110.8
95 32.3 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 56.637 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:146 Resp: 381596
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
75 36.7 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 57.360 ng

RT: 7.995 min Scan# 841

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

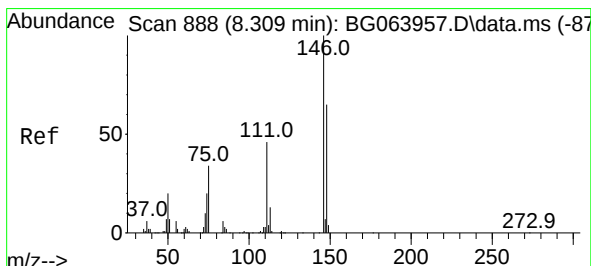
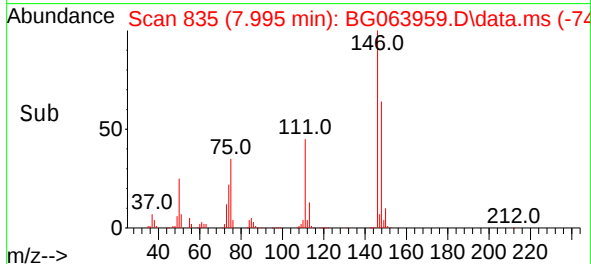
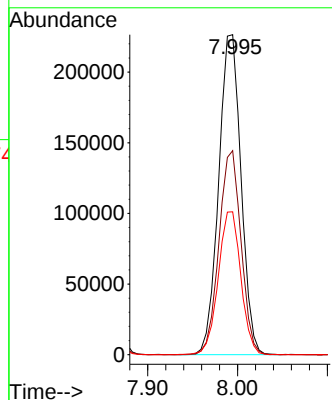
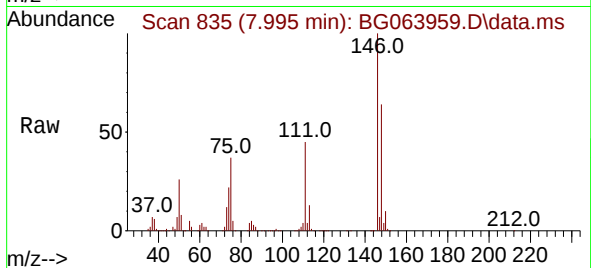
Tgt Ion:146 Resp: 391687

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

111 44.7 38.2 57.4



#14

1,2-Dichlorobenzene

Concen: 56.662 ng

RT: 8.312 min Scan# 889

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

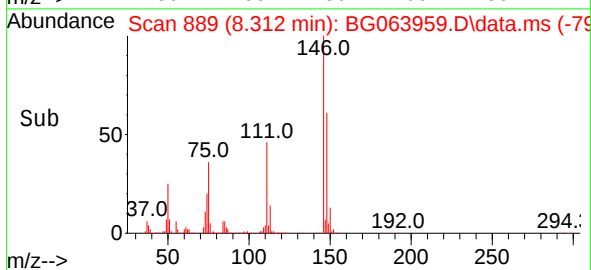
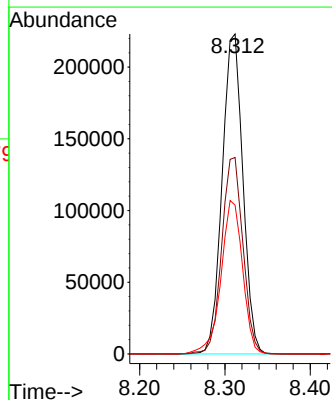
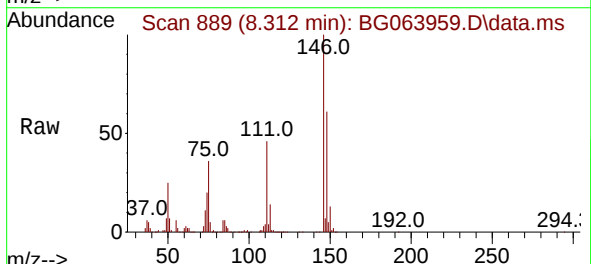
Tgt Ion:146 Resp: 375979

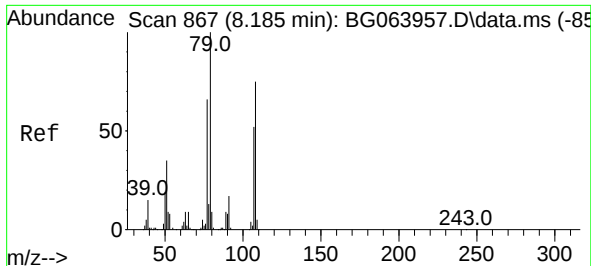
Ion Ratio Lower Upper

146 100

148 61.4 51.8 77.8

111 46.5 37.2 55.8

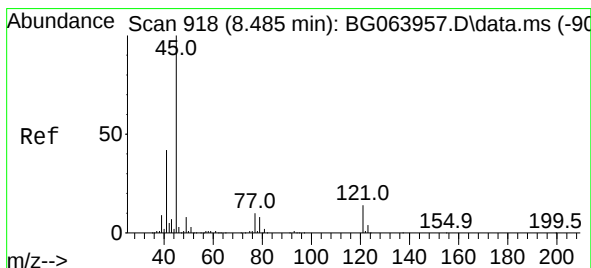
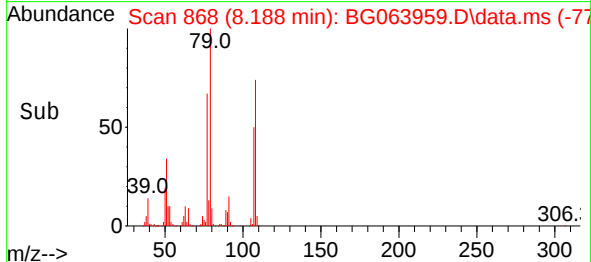
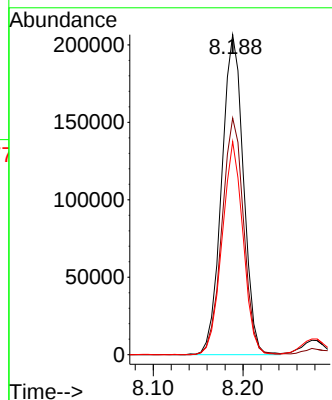
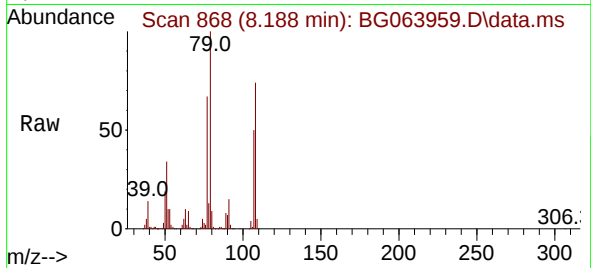




#15
Benzyl Alcohol
Concen: 58.271 ng
RT: 8.188 min Scan# 867
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

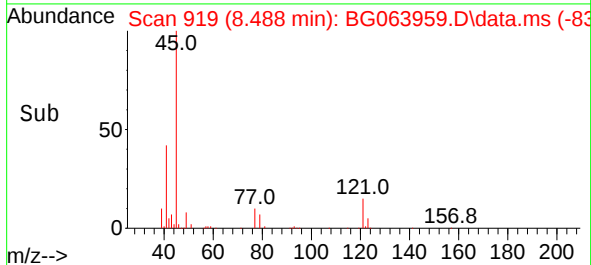
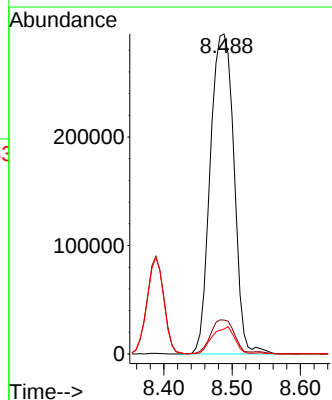
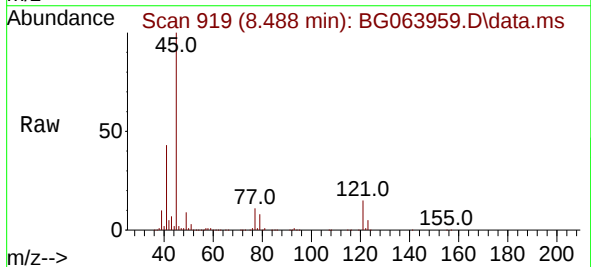
Instrument :
BNA_G
ClientSampleId :

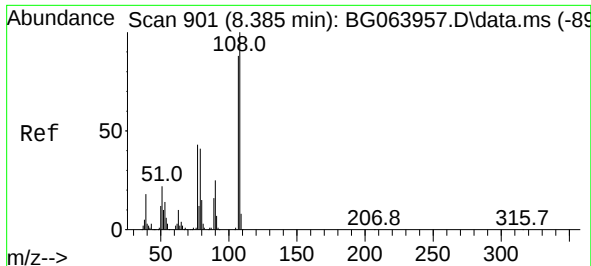
Tgt Ion: 79 Resp: 347206
Ion Ratio Lower Upper
79 100
108 73.9 59.7 89.5
77 66.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.020 ng
RT: 8.488 min Scan# 919
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

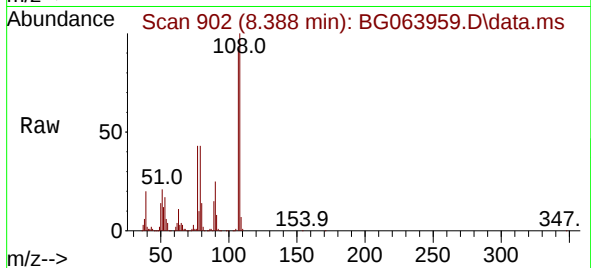
Tgt Ion: 45 Resp: 711625
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.5
79 7.8 0.0 27.9



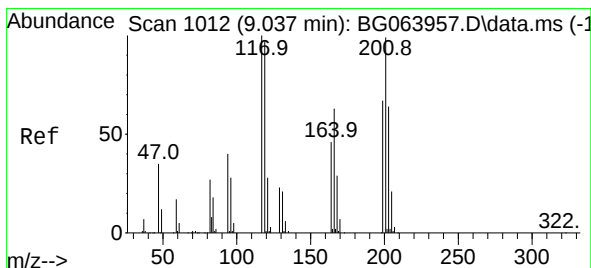
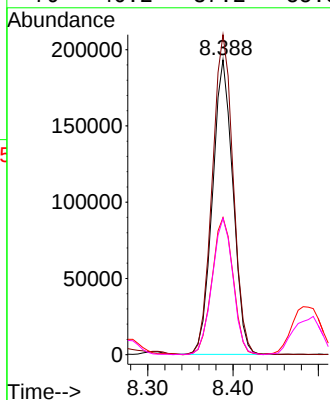
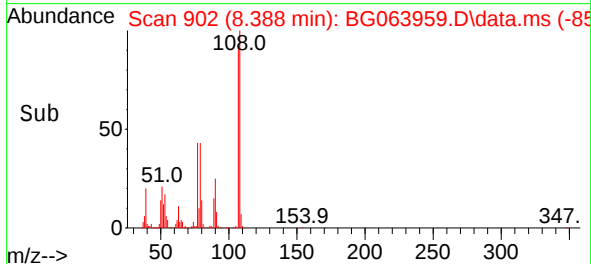


#17
2-Methylphenol
Concen: 58.317 ng
RT: 8.388 min Scan# 901
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Instrument :
BNA_G
ClientSampleId :

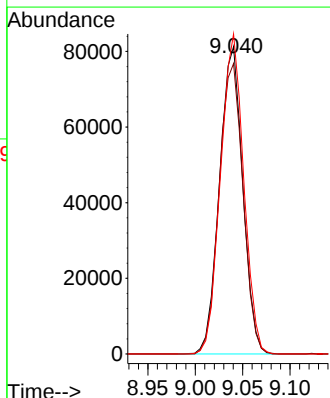
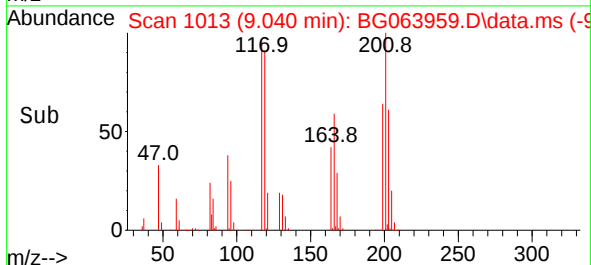
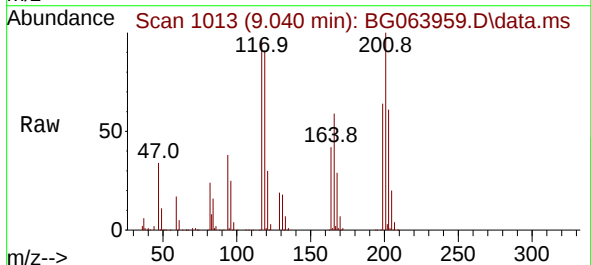


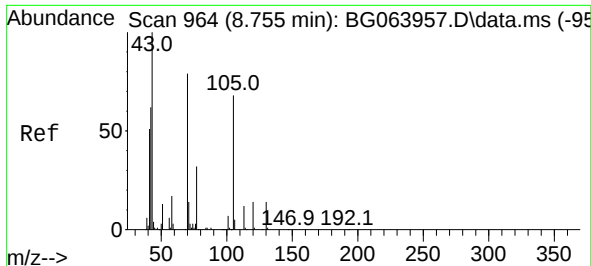
Tgt Ion:107 Resp: 321978
Ion Ratio Lower Upper
107 100
108 108.5 91.0 136.4
77 46.5 39.4 59.2
79 46.2 37.2 55.8



#18
Hexachloroethane
Concen: 58.286 ng
RT: 9.040 min Scan# 1013
Delta R.T. 0.001 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:117 Resp: 138807
Ion Ratio Lower Upper
117 100
119 94.5 77.7 116.5
201 104.1 81.1 121.7

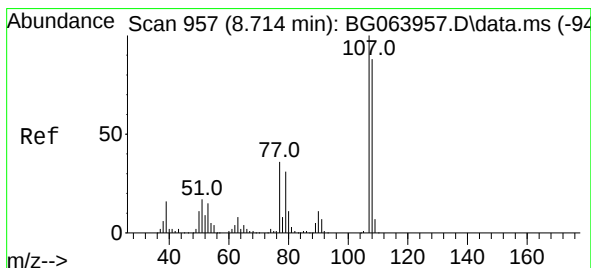
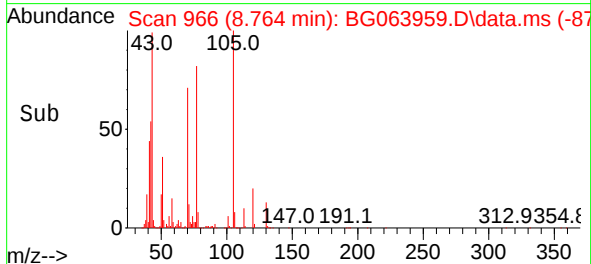
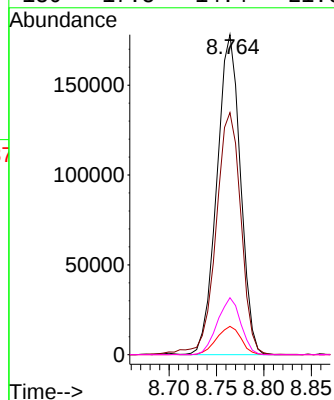
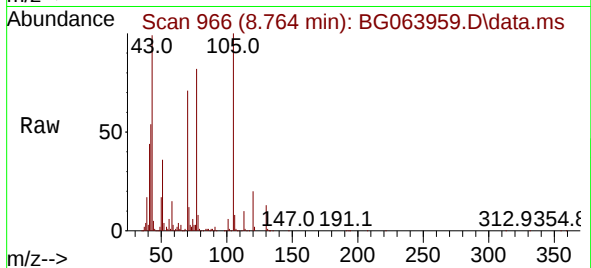




#19
n-Nitroso-di-n-propylamine
Concen: 57.007 ng
RT: 8.764 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

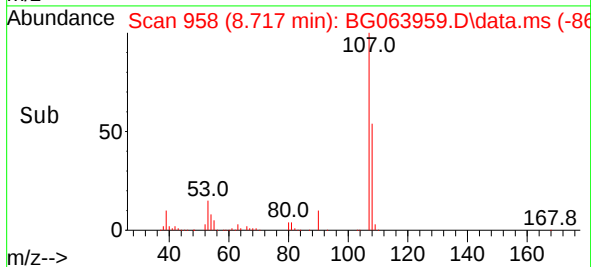
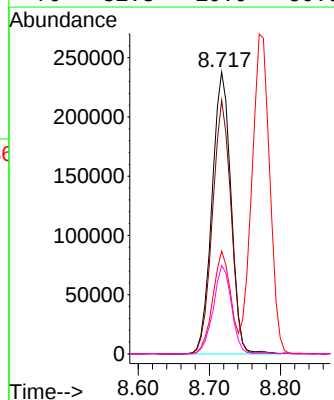
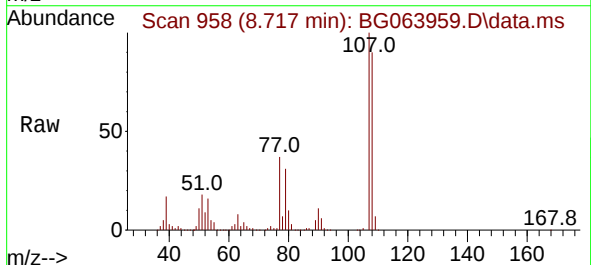
Instrument :
BNA_G
ClientSampleId :

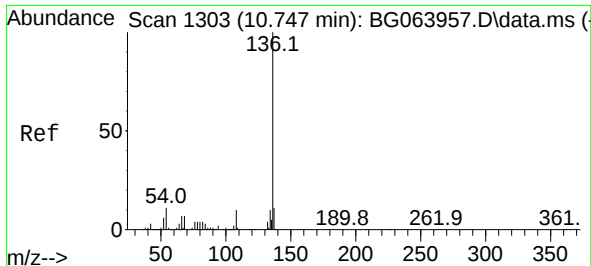
Tgt Ion: 70 Resp: 308492
Ion Ratio Lower Upper
70 100
42 75.7 62.6 93.8
101 8.9 7.4 11.2
130 17.8 14.4 21.6



#20
3+4-Methylphenols
Concen: 58.610 ng
RT: 8.717 min Scan# 958
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:107 Resp: 441215
Ion Ratio Lower Upper
107 100
108 90.0 67.6 107.6
77 36.5 15.7 55.7
79 31.3 10.9 50.9

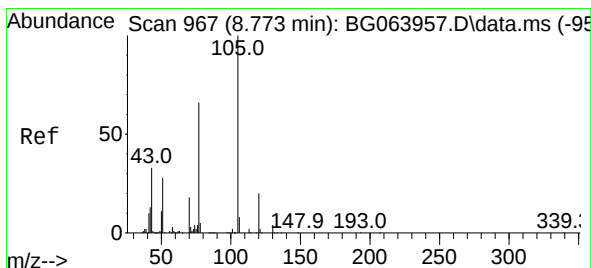
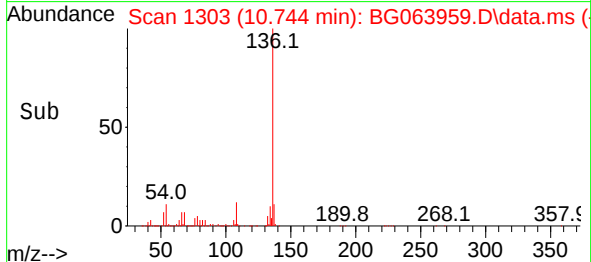
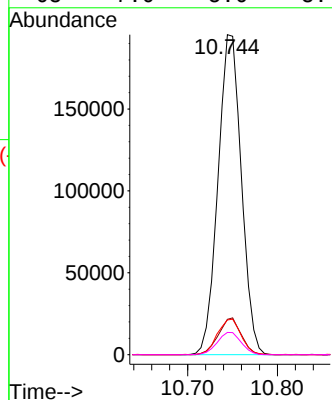
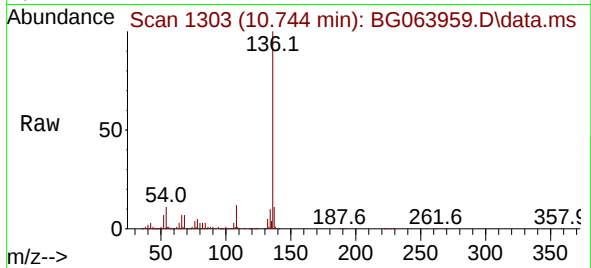




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

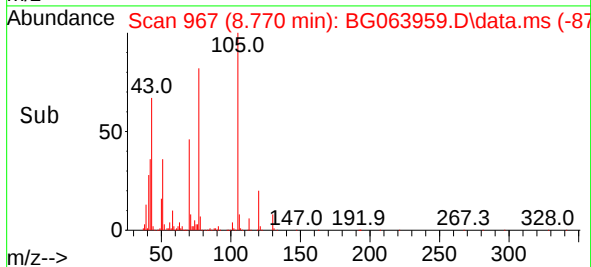
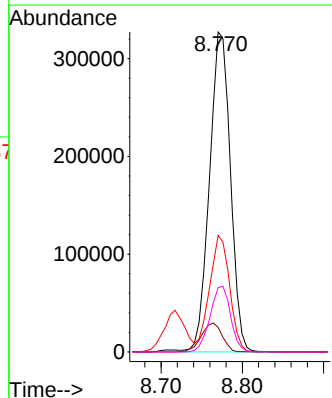
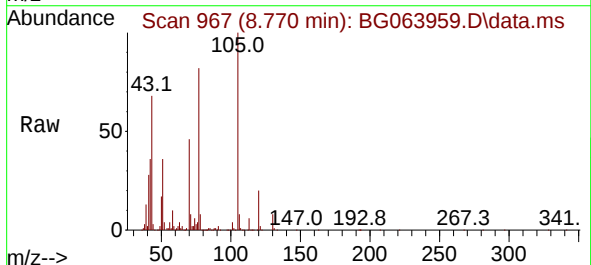
Instrument :
BNA_G
ClientSampleId :

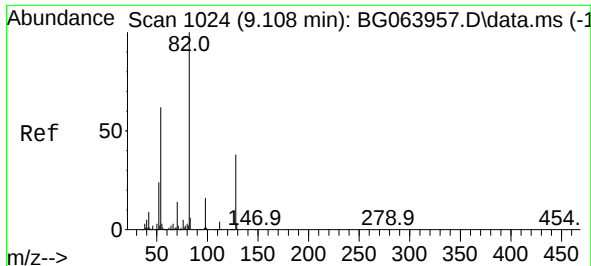
Tgt Ion:136 Resp: 353223
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.9 9.0 13.4
68 7.0 5.6 8.4



#22
Acetophenone
Concen: 57.570 ng
RT: 8.770 min Scan# 967
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:105 Resp: 585858
Ion Ratio Lower Upper
105 100
71 7.7 2.4 3.6#
51 36.4 27.2 40.8
120 20.1 15.6 23.4





#23

Nitrobenzene-d5

Concen: 131.615 ng

RT: 9.111 min Scan# 1025

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

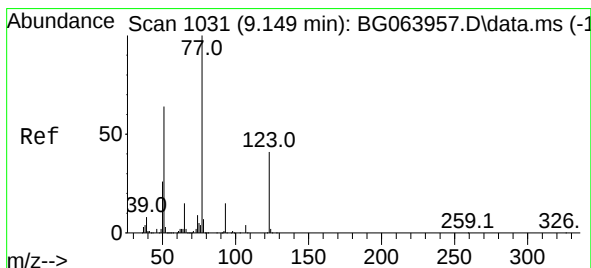
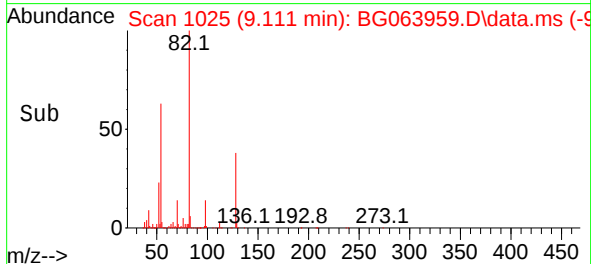
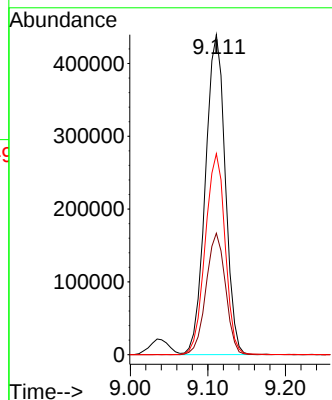
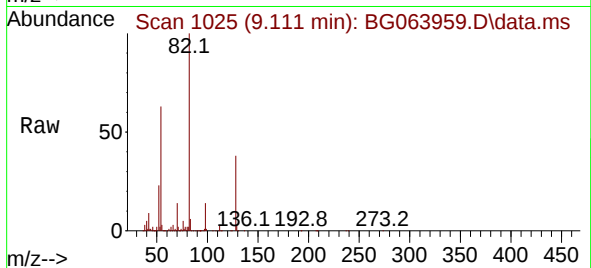
Tgt Ion: 82 Resp: 780532

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 62.8 49.0 73.6



#24

Nitrobenzene

Concen: 65.196 ng

RT: 9.152 min Scan# 1032

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

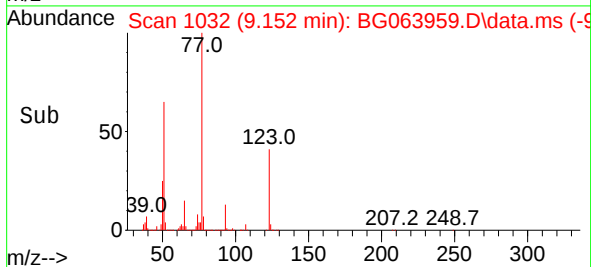
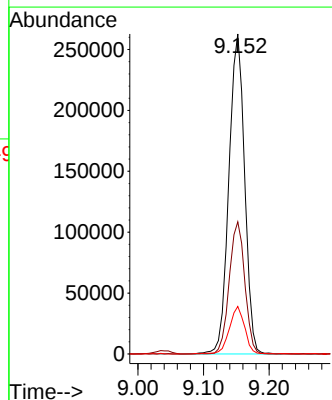
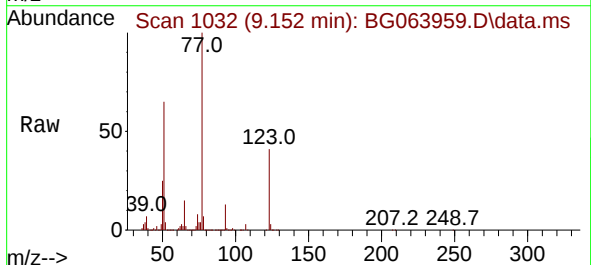
Tgt Ion: 77 Resp: 436360

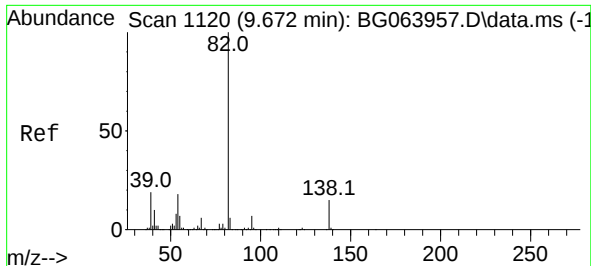
Ion Ratio Lower Upper

77 100

123 41.3 32.7 49.1

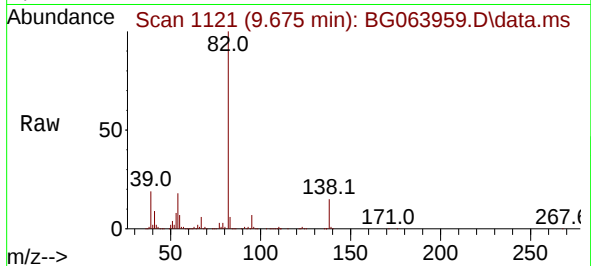
65 14.9 12.0 18.0



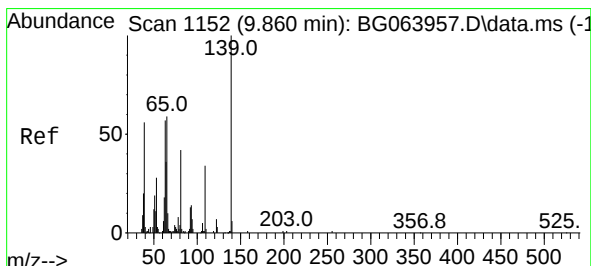
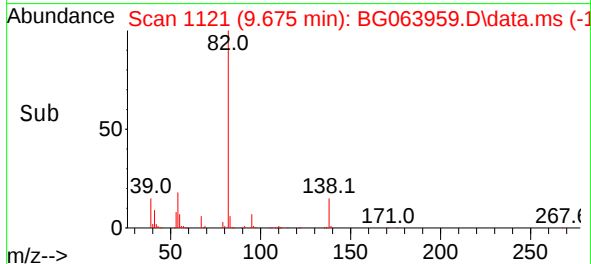
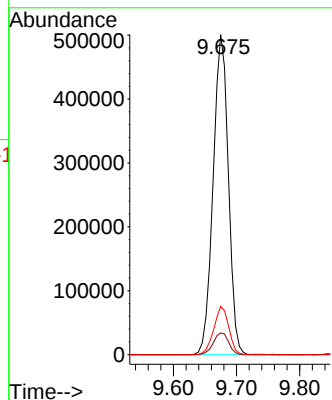


#25
Isophorone
Concen: 58.306 ng
RT: 9.675 min Scan# 1120
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Instrument :
BNA_G
ClientSampleId :

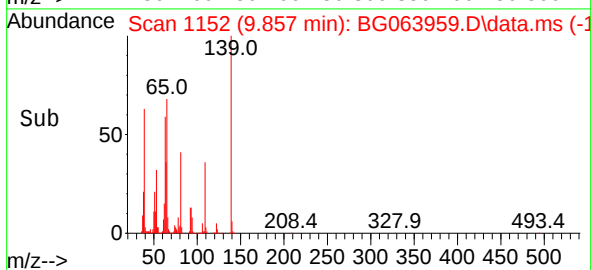
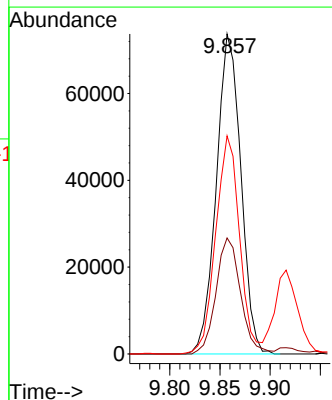
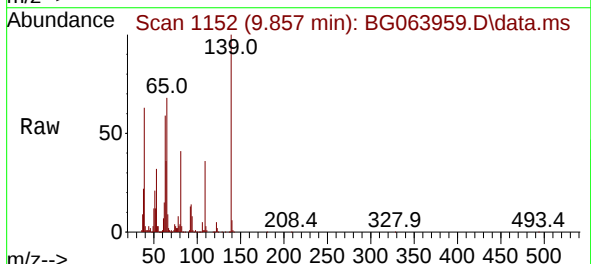


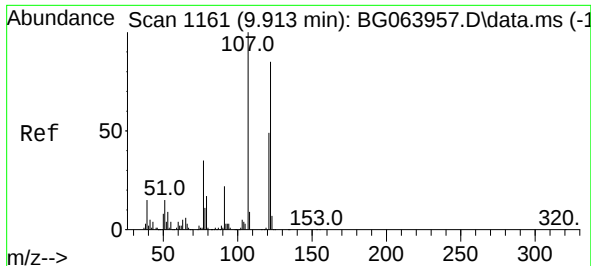
Tgt Ion: 82 Resp: 837688
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 15.1 12.2 18.4



#26
2-Nitrophenol
Concen: 60.843 ng
RT: 9.857 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:139 Resp: 125089
Ion Ratio Lower Upper
139 100
109 36.2 27.1 40.7
65 68.2 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 59.566 ng

RT: 9.916 min Scan# 1161

Delta R.T. -0.004 min

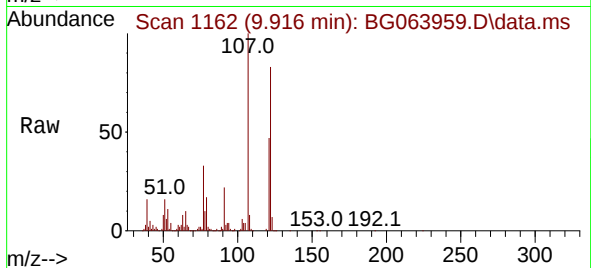
Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :



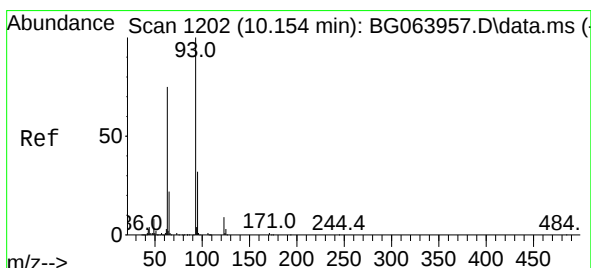
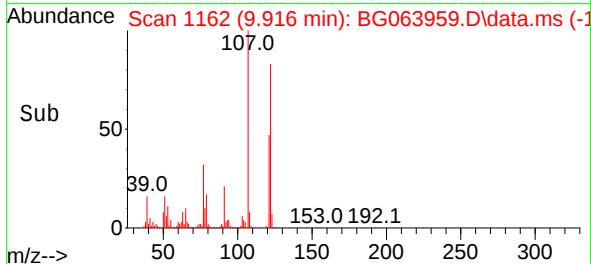
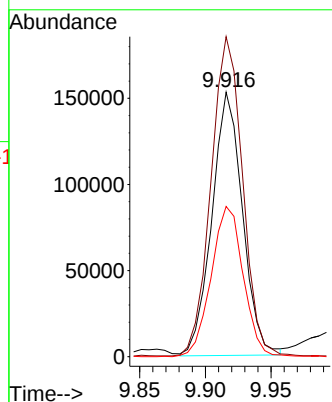
Tgt Ion:122 Resp: 248030

Ion Ratio Lower Upper

122 100

107 121.0 94.1 141.1

121 56.8 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 59.183 ng

RT: 10.157 min Scan# 1203

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

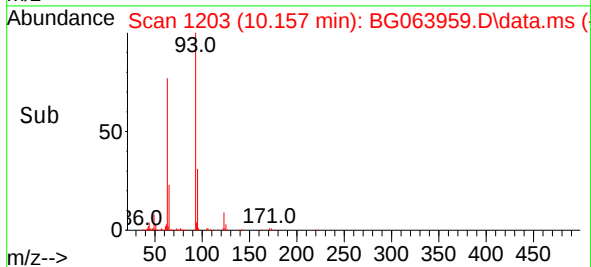
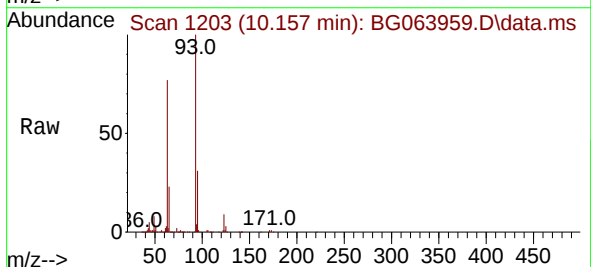
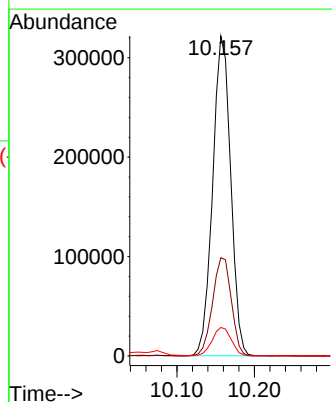
Tgt Ion: 93 Resp: 520139

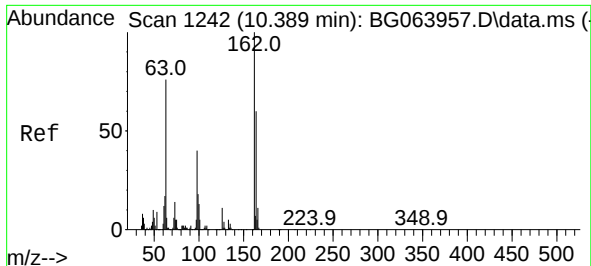
Ion Ratio Lower Upper

93 100

95 30.7 25.6 38.4

123 8.9 7.1 10.7





#29

2,4-Dichlorophenol

Concen: 60.444 ng

RT: 10.392 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

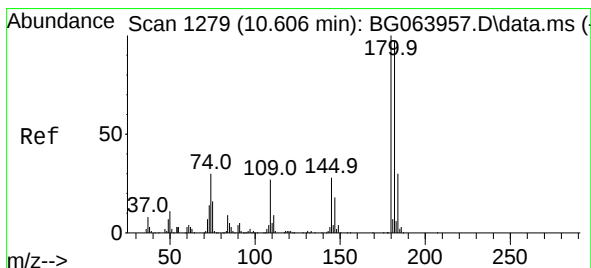
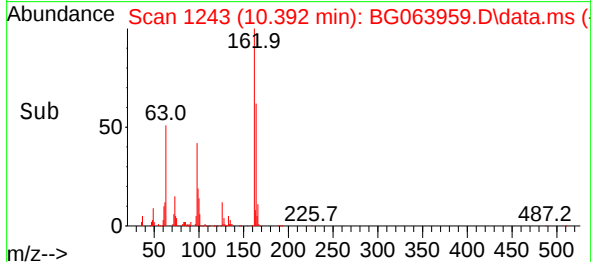
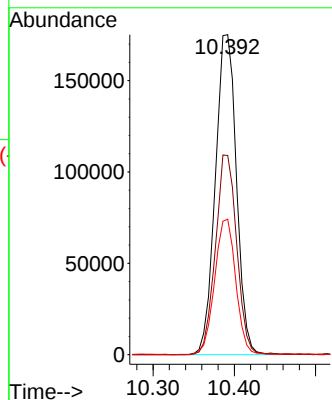
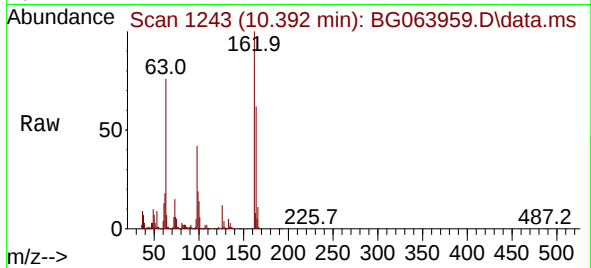
Tgt Ion:162 Resp: 317291

Ion Ratio Lower Upper

162 100

164 62.3 40.4 80.4

98 42.4 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 58.057 ng

RT: 10.609 min Scan# 1280

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

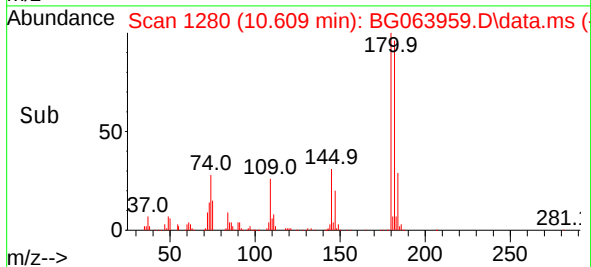
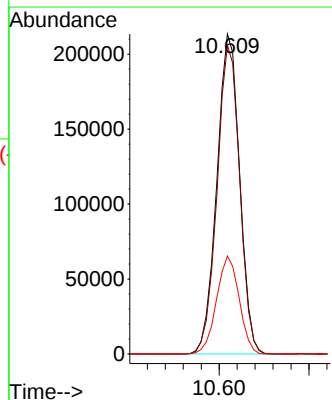
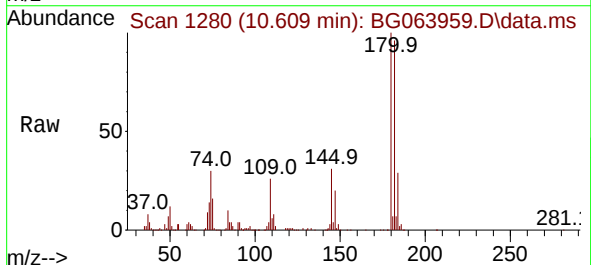
Tgt Ion:180 Resp: 375123

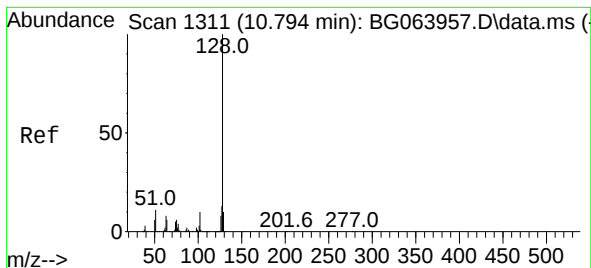
Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.6

145 30.6 22.7 34.1





#31

Naphthalene

Concen: 58.386 ng

RT: 10.797 min Scan# 1184

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

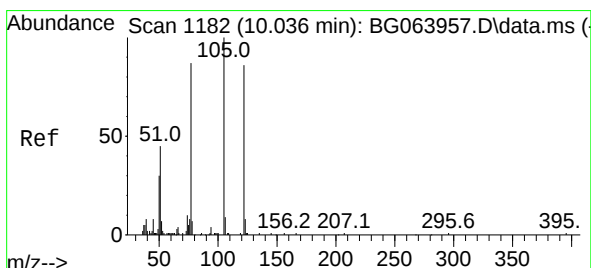
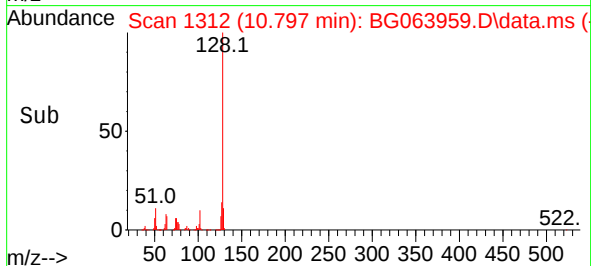
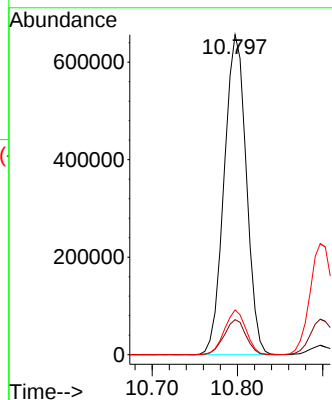
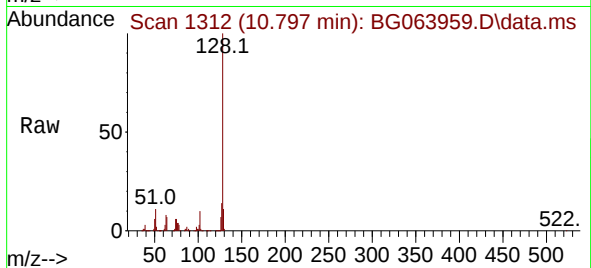
Tgt Ion:128 Resp: 1184197

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.4

127 14.0 10.7 16.1



#32

Benzoic acid

Concen: 63.937 ng

RT: 10.080 min Scan# 1190

Delta R.T. -0.023 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

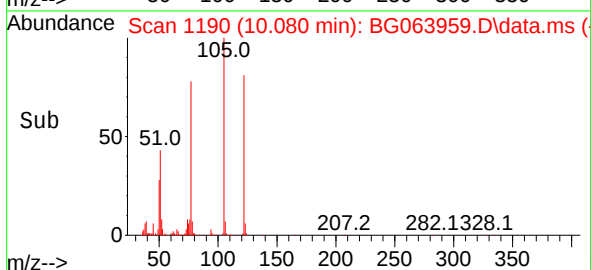
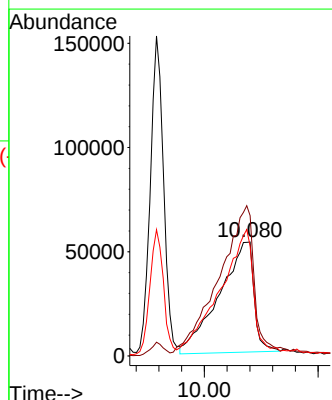
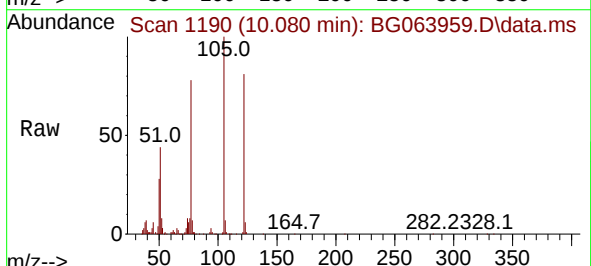
Tgt Ion:122 Resp: 224077

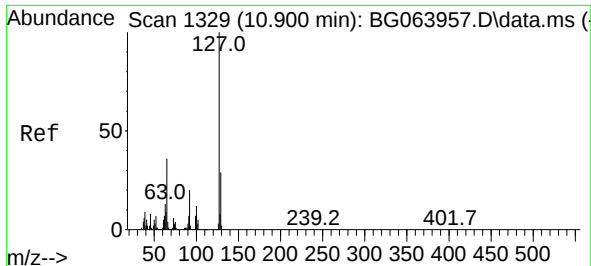
Ion Ratio Lower Upper

122 100

105 123.3 94.7 134.7

77 96.4 79.8 119.8





#33

4-Chloroaniline

Concen: 59.241 ng

RT: 10.897 min Scan# 1329

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:127 Resp: 425625

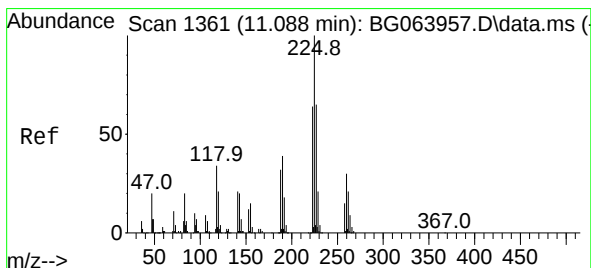
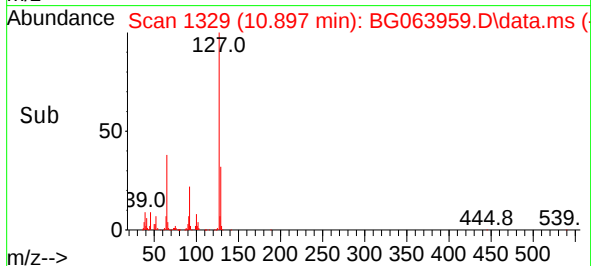
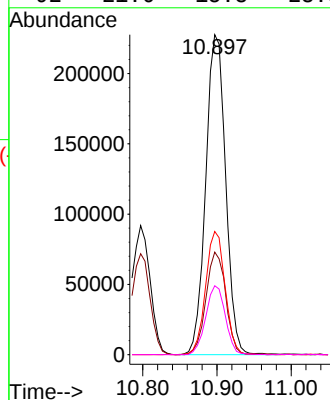
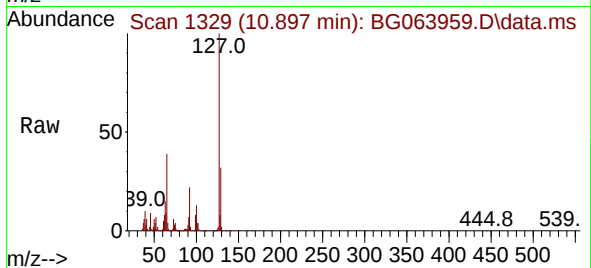
Ion Ratio Lower Upper

127 100

129 32.1 23.2 34.8

65 38.5 28.6 42.8

92 21.6 15.8 23.8



#34

Hexachlorobutadiene

Concen: 59.504 ng

RT: 11.085 min Scan# 1361

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

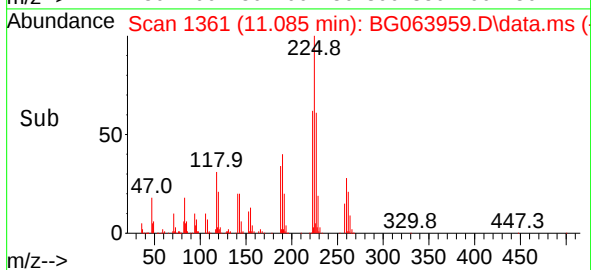
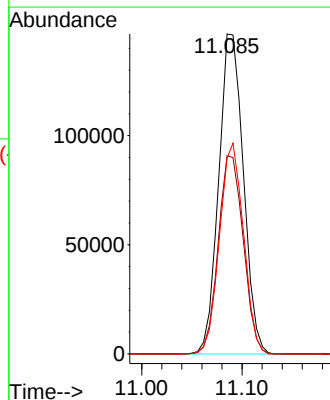
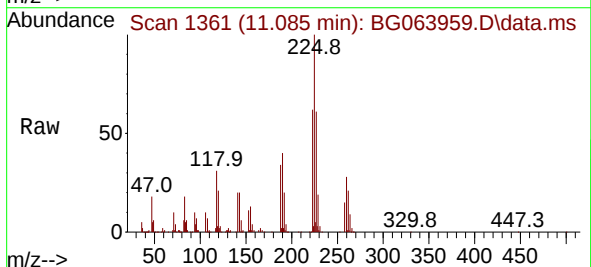
Tgt Ion:225 Resp: 250340

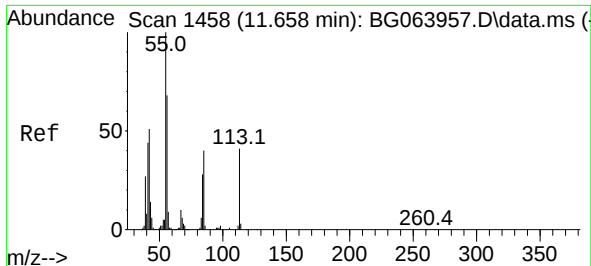
Ion Ratio Lower Upper

225 100

223 62.0 50.8 76.2

227 61.2 51.7 77.5





#35

Caprolactam

Concen: 51.131 ng

RT: 11.678 min Scan# 14

Delta R.T. -0.017 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

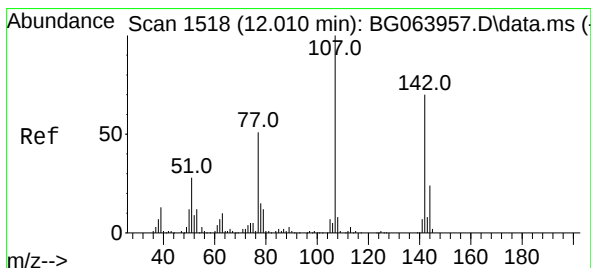
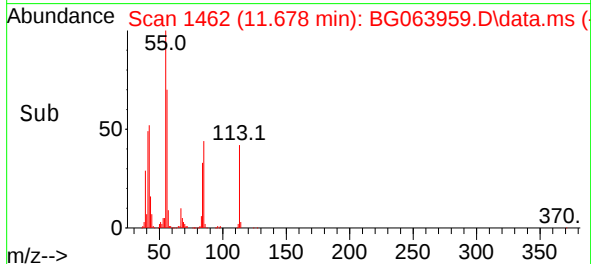
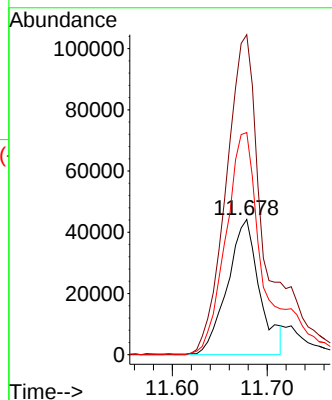
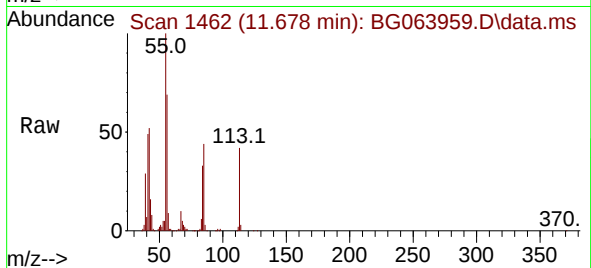
Tgt Ion:113 Resp: 104075

Ion Ratio Lower Upper

113 100

55 236.8 223.0 263.0

56 164.4 144.3 184.3



#36

4-Chloro-3-methylphenol

Concen: 59.930 ng

RT: 12.019 min Scan# 1520

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

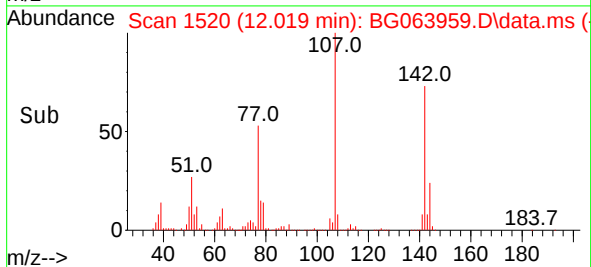
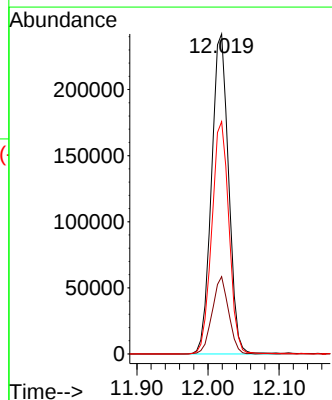
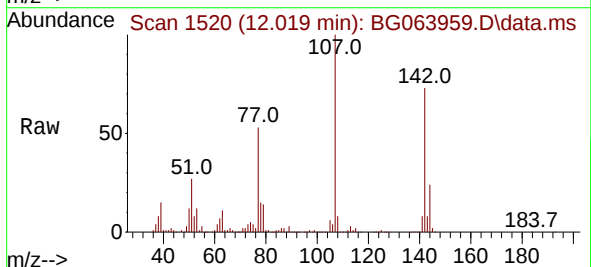
Tgt Ion:107 Resp: 404125

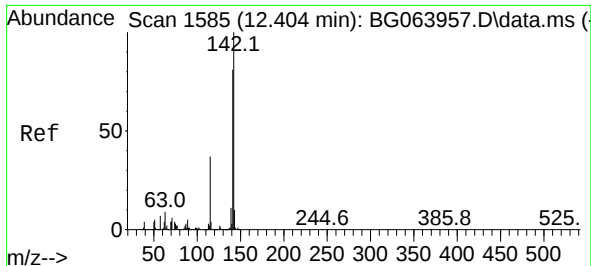
Ion Ratio Lower Upper

107 100

144 24.2 19.4 29.0

142 72.6 56.1 84.1

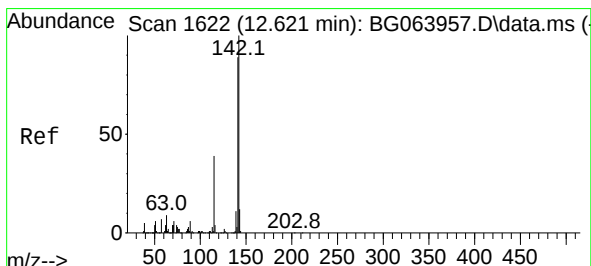
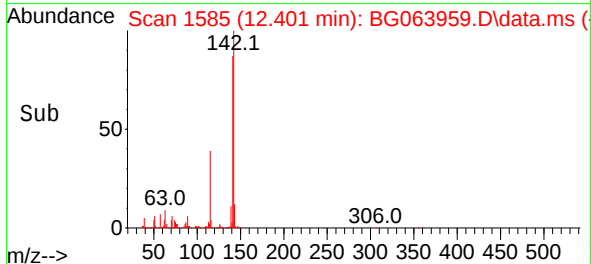
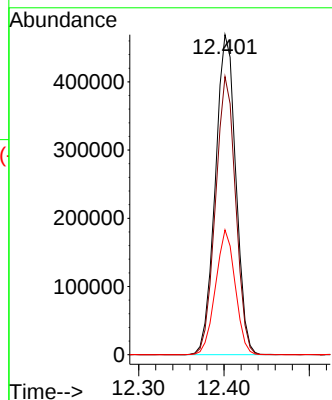
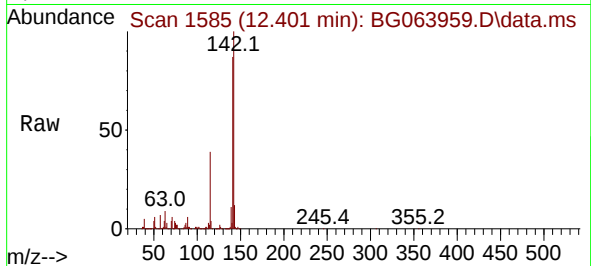




#37
2-Methylnaphthalene
Concen: 57.587 ng
RT: 12.401 min Scan# 1585
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

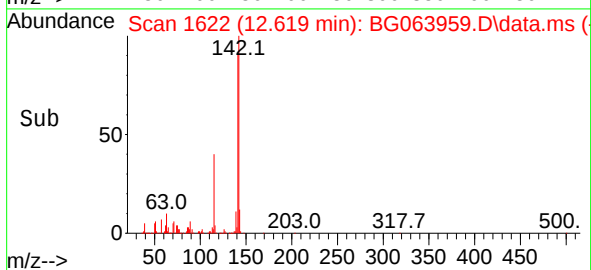
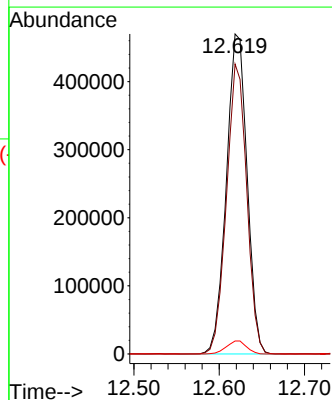
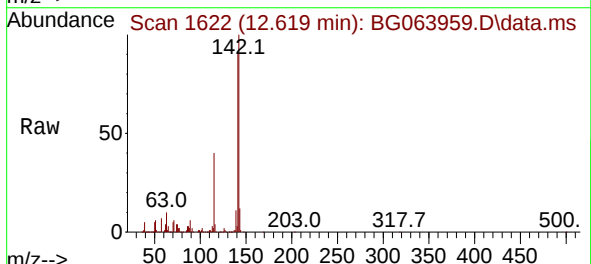
Instrument :
BNA_G
ClientSampleId :

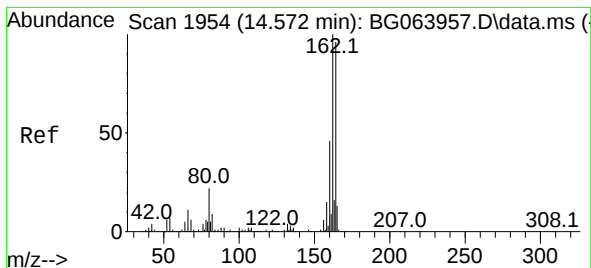
Tgt Ion:142 Resp: 785392
Ion Ratio Lower Upper
142 100
141 86.9 64.6 97.0
115 39.0 29.5 44.3



#38
1-Methylnaphthalene
Concen: 58.141 ng
RT: 12.619 min Scan# 1622
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:142 Resp: 793805
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1

Delta R.T. 0.001 min

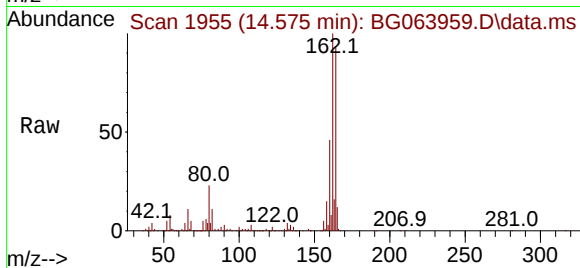
Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :



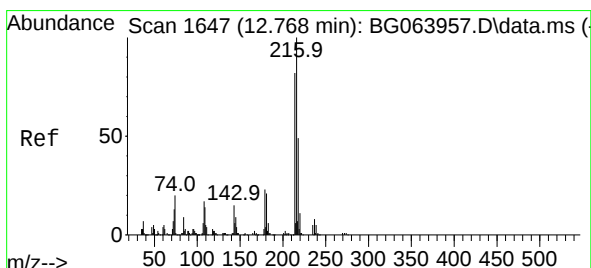
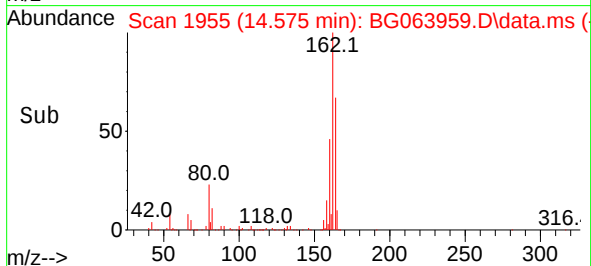
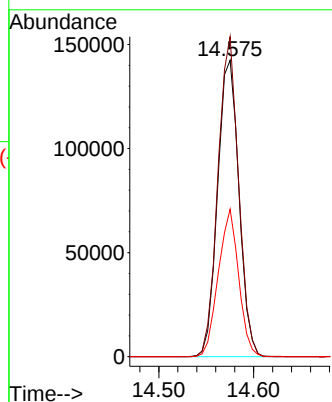
Tgt Ion:164 Resp: 222884

Ion Ratio Lower Upper

164 100

162 107.9 83.8 125.6

160 49.8 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.516 ng

RT: 12.765 min Scan# 1647

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Tgt Ion:216 Resp: 412720

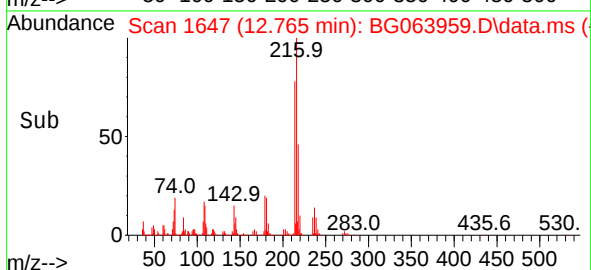
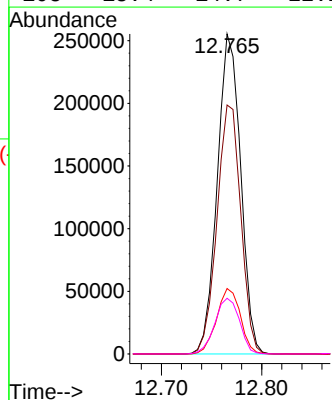
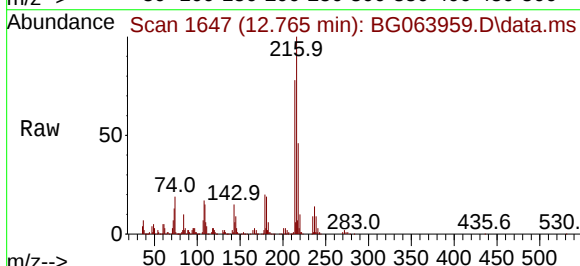
Ion Ratio Lower Upper

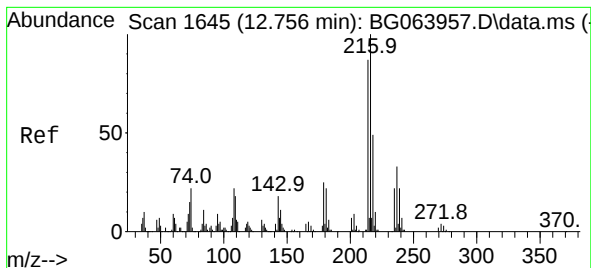
216 100

214 79.3 65.0 97.6

179 20.8 17.5 26.3

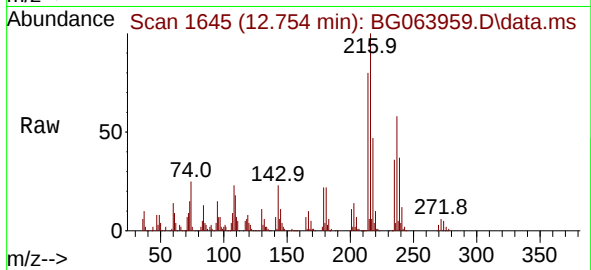
108 18.4 14.7 22.1



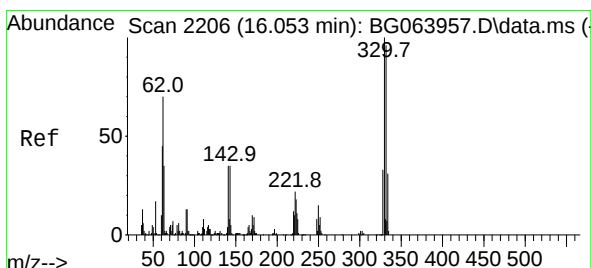
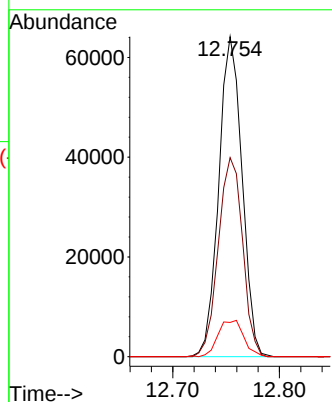
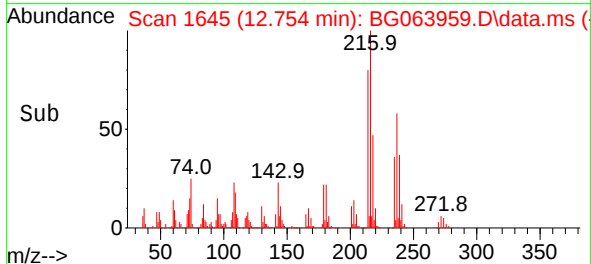


#41
Hexachlorocyclopentadiene
Concen: 68.348 ng
RT: 12.754 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

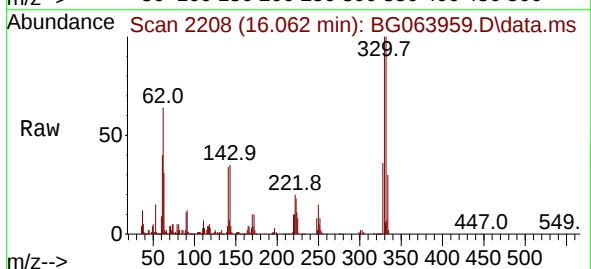
Instrument :
BNA_G
ClientSampleId :



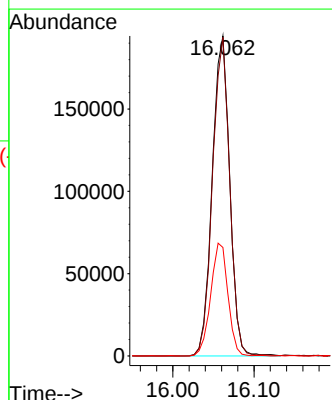
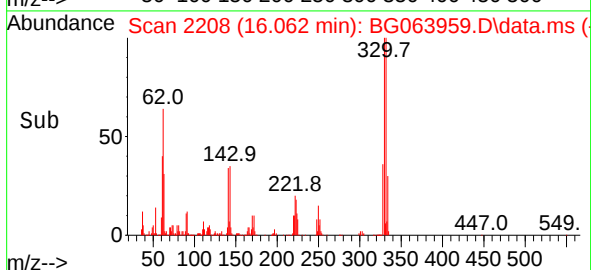
Tgt Ion:237 Resp: 97240
Ion Ratio Lower Upper
237 100
235 62.2 45.5 85.5
272 10.7 0.0 30.6

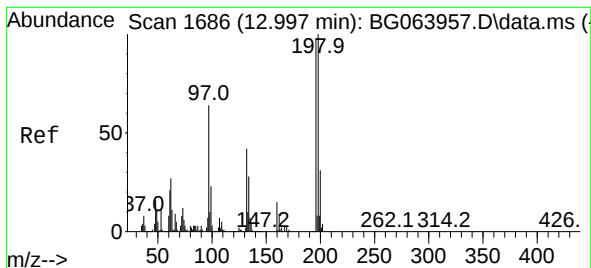


#42
2,4,6-Tribromophenol
Concen: 127.473 ng
RT: 16.062 min Scan# 2208
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17



Tgt Ion:330 Resp: 290212
Ion Ratio Lower Upper
330 100
332 97.7 79.4 119.0
141 34.8 27.4 41.2





#43

2,4,6-Trichlorophenol

Concen: 63.156 ng

RT: 13.000 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

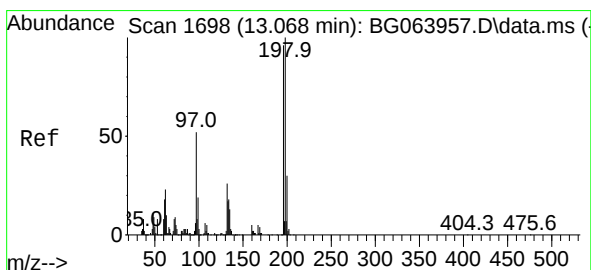
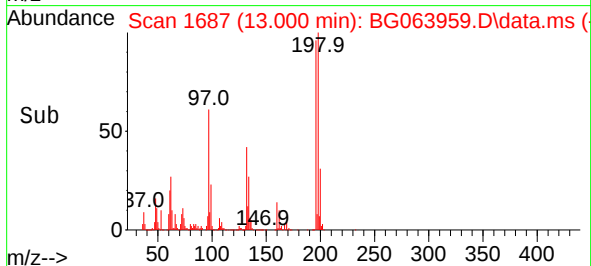
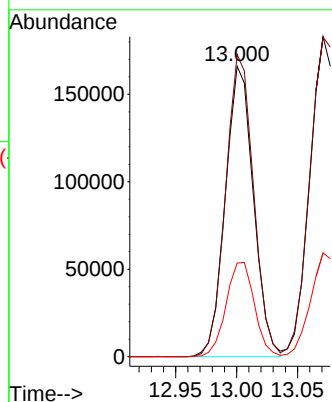
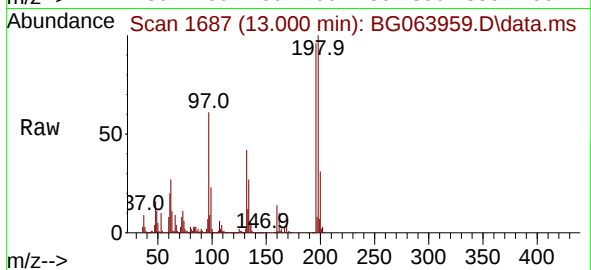
Tgt Ion:196 Resp: 266693

Ion Ratio Lower Upper

196 100

198 104.1 81.7 122.5

200 32.3 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 61.860 ng

RT: 13.071 min Scan# 1699

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Tgt Ion:196 Resp: 301090

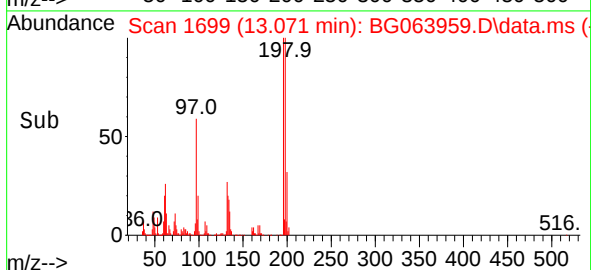
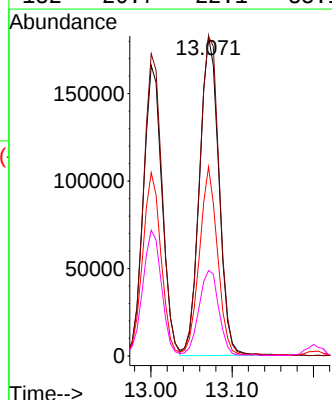
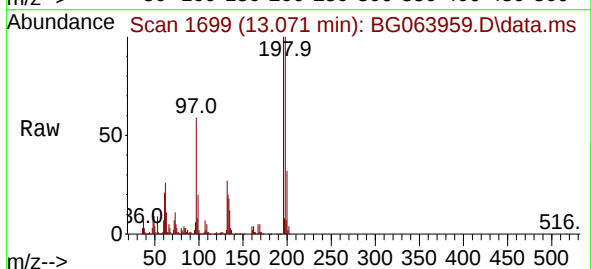
Ion Ratio Lower Upper

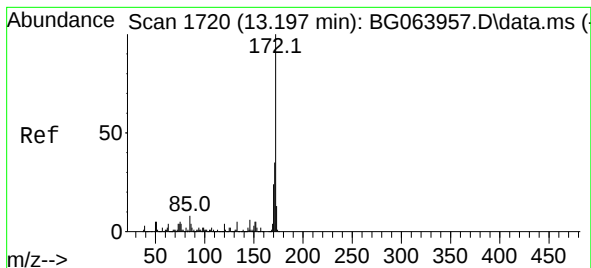
196 100

198 99.9 83.4 125.2

97 59.1 43.8 65.6

132 26.7 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 114.583 ng

RT: 13.200 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

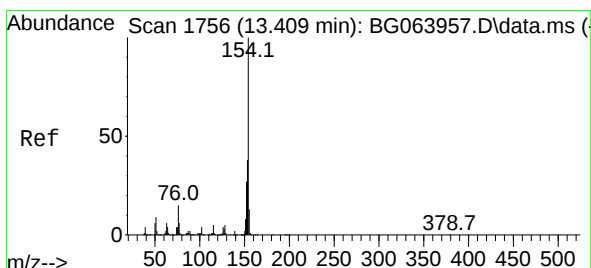
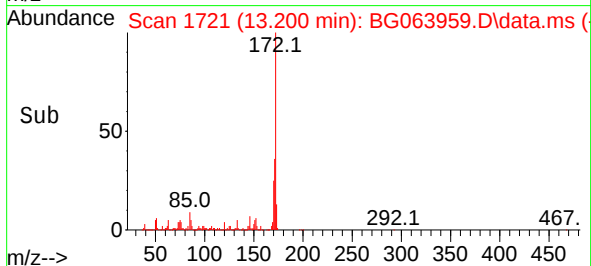
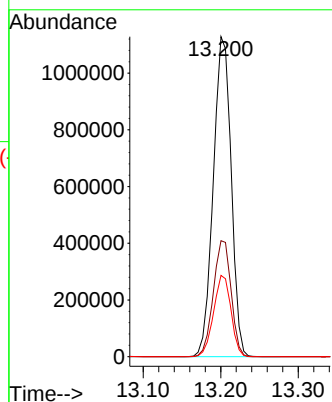
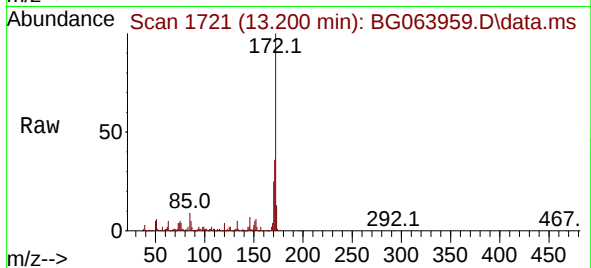
Tgt Ion:172 Resp: 1807075

Ion Ratio Lower Upper

172 100

171 36.3 27.8 41.8

170 25.4 19.3 28.9



#46

1,1'-Biphenyl

Concen: 58.464 ng

RT: 13.412 min Scan# 1757

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

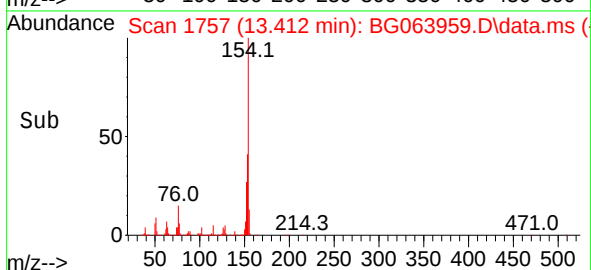
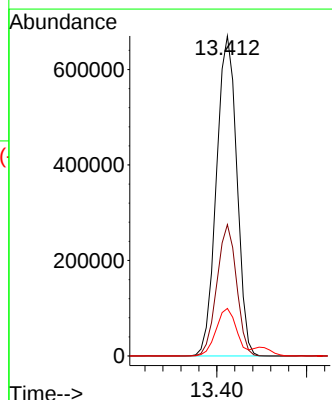
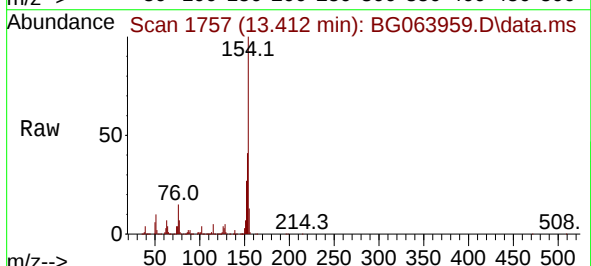
Tgt Ion:154 Resp: 1055845

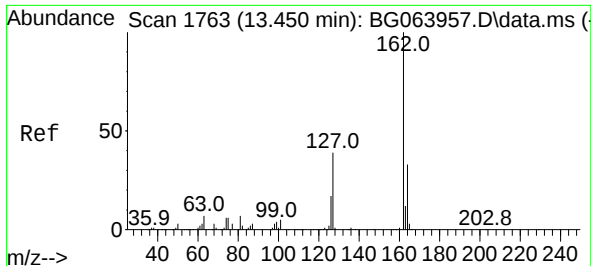
Ion Ratio Lower Upper

154 100

153 41.1 18.3 58.3

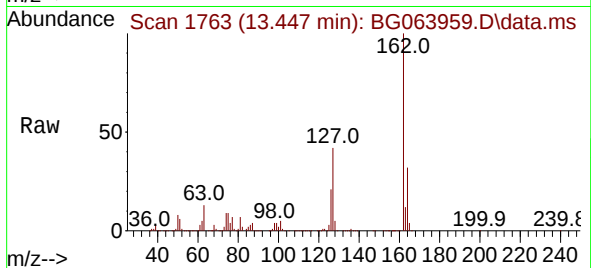
76 14.8 0.0 34.7



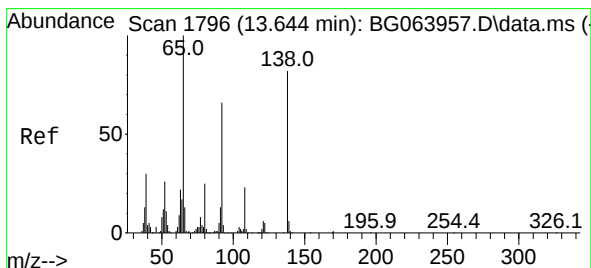
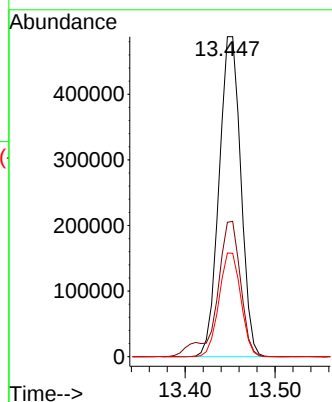
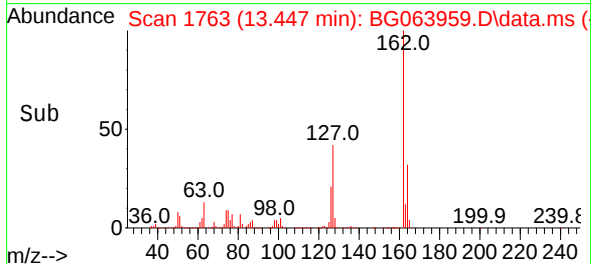


#47
2-Chloronaphthalene
Concen: 59.060 ng
RT: 13.447 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Instrument :
BNA_G
ClientSampleId :

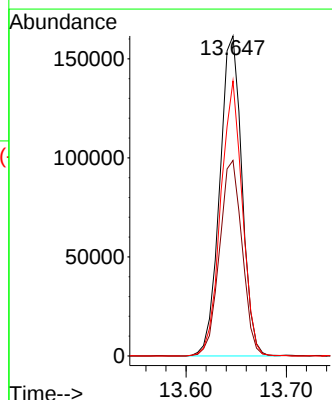
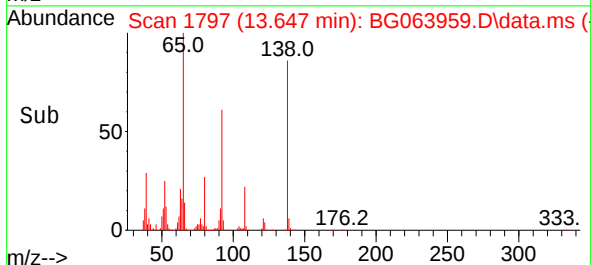
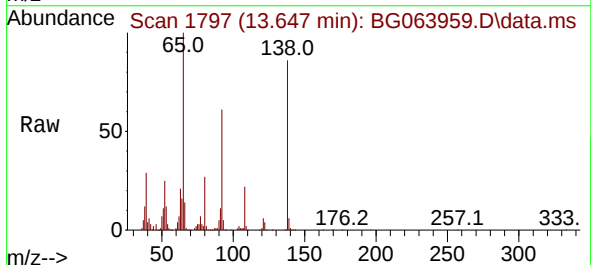


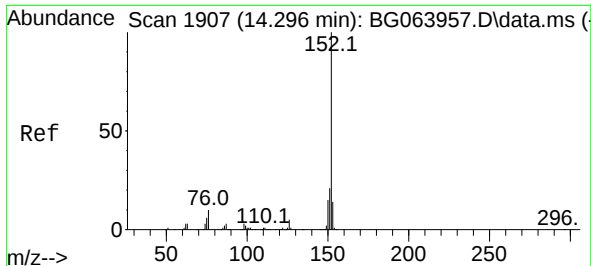
Tgt Ion:162 Resp: 819656
Ion Ratio Lower Upper
162 100
127 42.0 33.0 49.6
164 32.4 26.3 39.5



#48
2-Nitroaniline
Concen: 60.082 ng
RT: 13.647 min Scan# 1797
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion: 65 Resp: 247701
Ion Ratio Lower Upper
65 100
92 61.1 52.4 78.6
138 86.0 65.8 98.6





#49

Acenaphthylene

Concen: 58.313 ng

RT: 14.293 min Scan# 1907

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

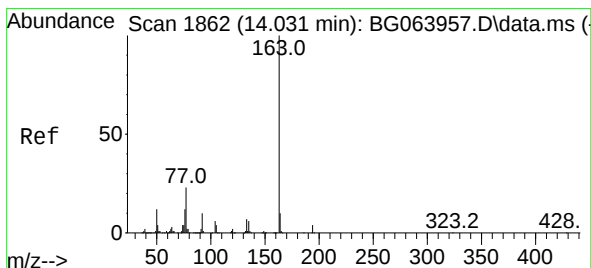
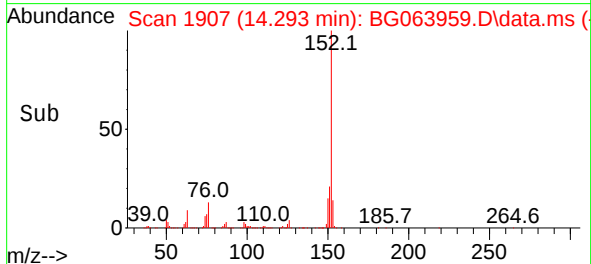
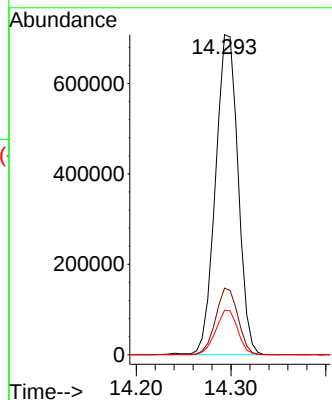
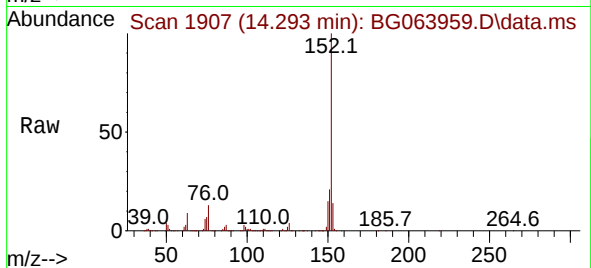
Tgt Ion:152 Resp: 1166646

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 58.652 ng

RT: 14.035 min Scan# 1863

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

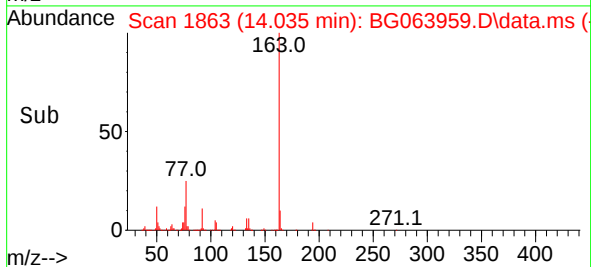
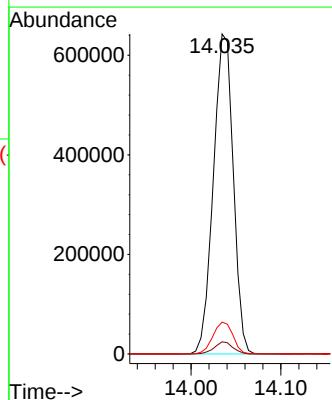
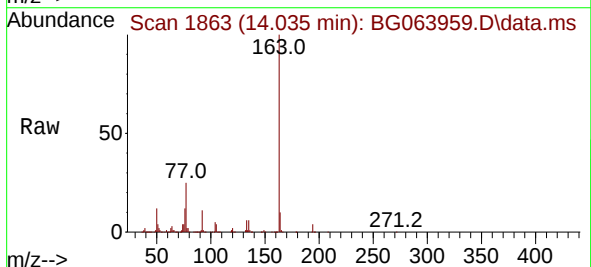
Tgt Ion:163 Resp: 989256

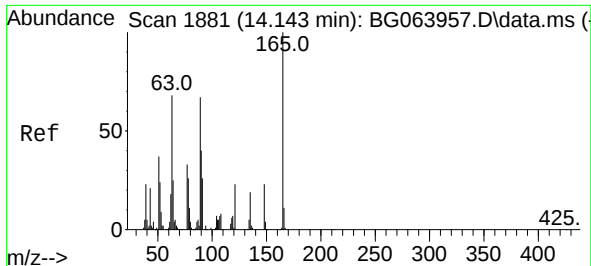
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 9.9 8.1 12.1

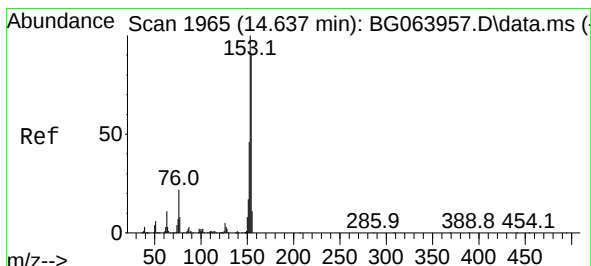
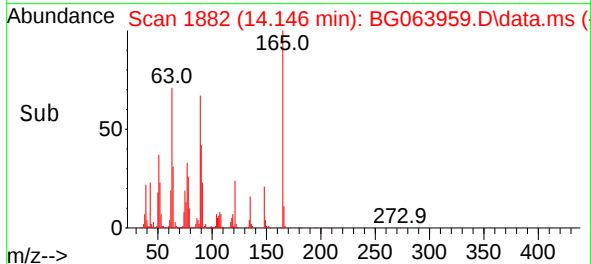
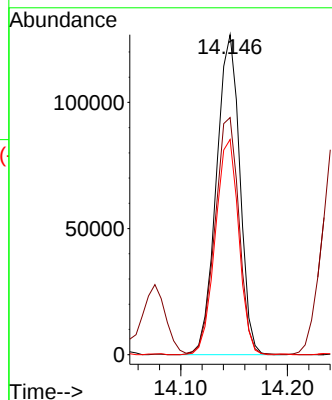
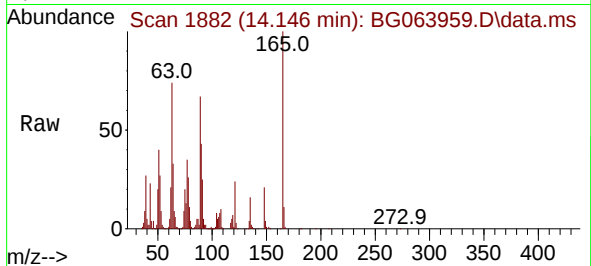




#51
2,6-Dinitrotoluene
Concen: 60.956 ng
RT: 14.146 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

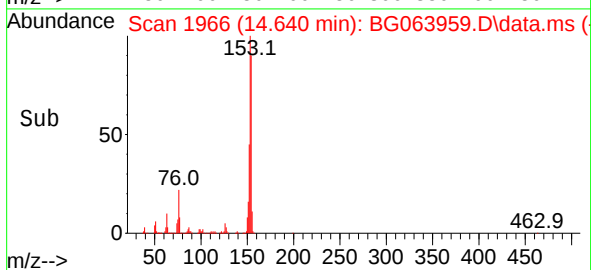
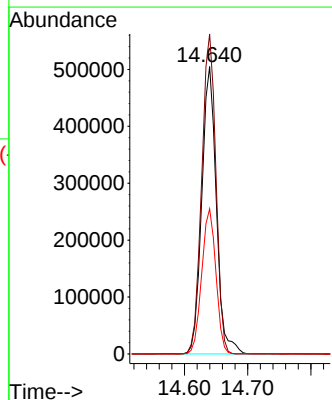
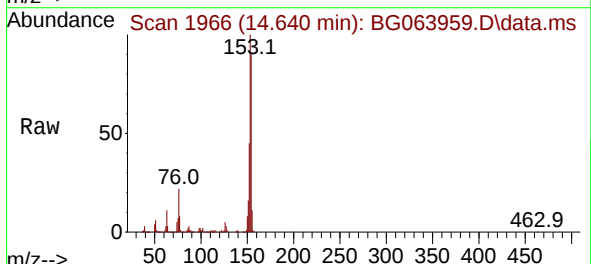
Instrument :
BNA_G
ClientSampleId :

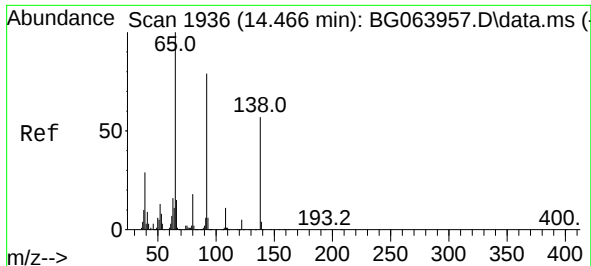
Tgt Ion:165 Resp: 193256
Ion Ratio Lower Upper
165 100
63 74.1 62.2 93.2
89 67.2 53.8 80.6



#52
Acenaphthene
Concen: 58.874 ng
RT: 14.640 min Scan# 1966
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:154 Resp: 811153
Ion Ratio Lower Upper
154 100
153 111.3 87.6 131.4
152 50.5 40.6 61.0

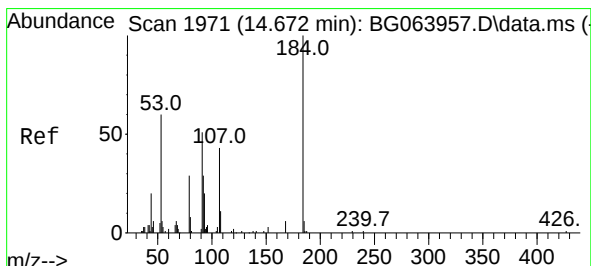
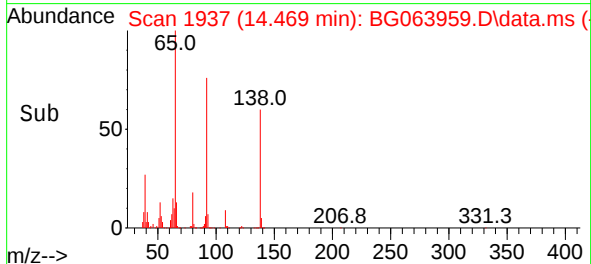
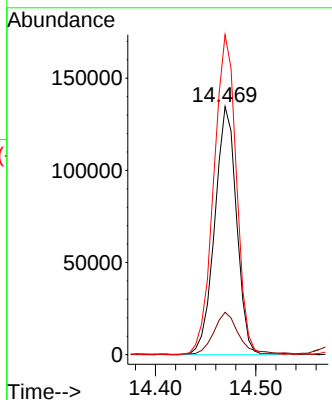
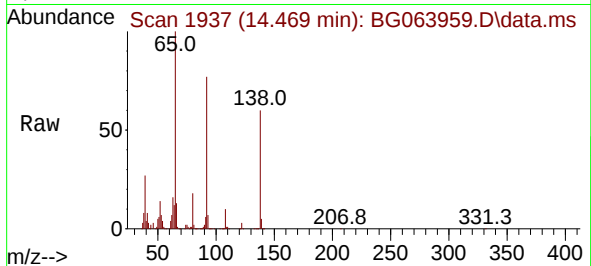




#53
3-Nitroaniline
Concen: 61.291 ng
RT: 14.469 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

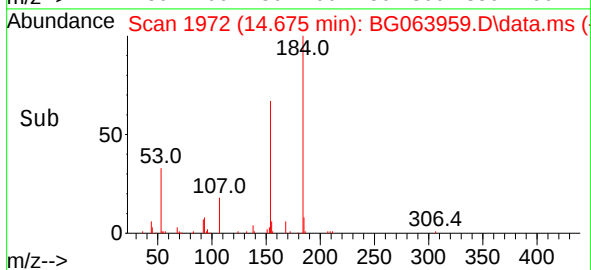
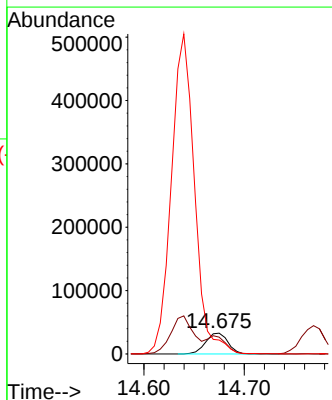
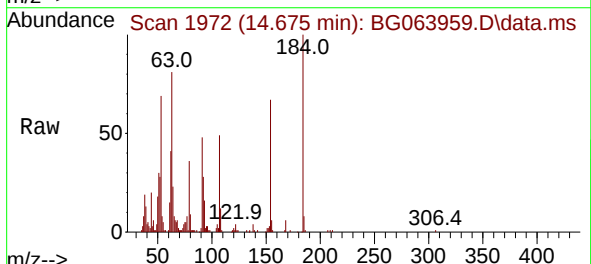
Instrument :
BNA_G
ClientSampleId :

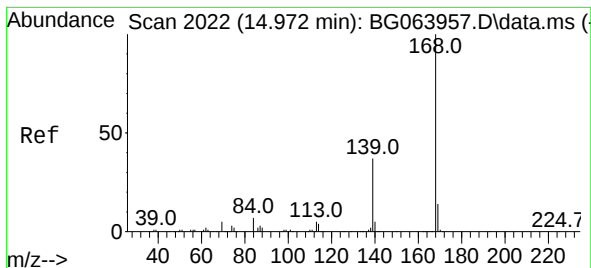
Tgt Ion:138 Resp: 203145
Ion Ratio Lower Upper
138 100
108 17.1 16.5 24.7
92 129.1 112.0 168.0



#54
2,4-Dinitrophenol
Concen: 61.611 ng
RT: 14.675 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:184 Resp: 50974
Ion Ratio Lower Upper
184 100
63 80.7 57.3 85.9
154 67.2 49.3 73.9





#55

Dibenzofuran

Concen: 57.805 ng

RT: 14.975 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

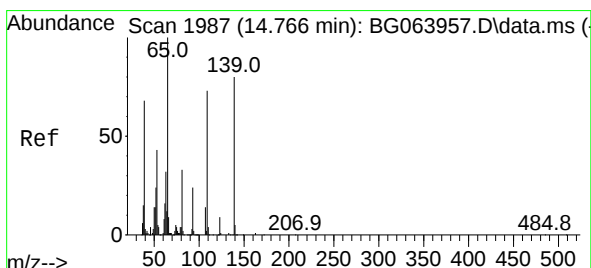
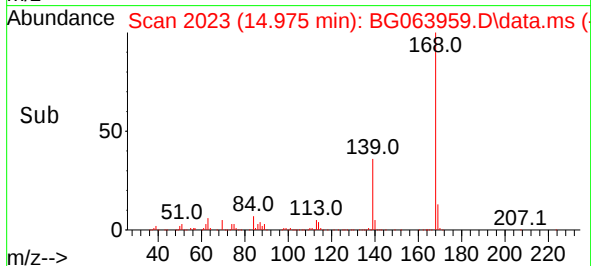
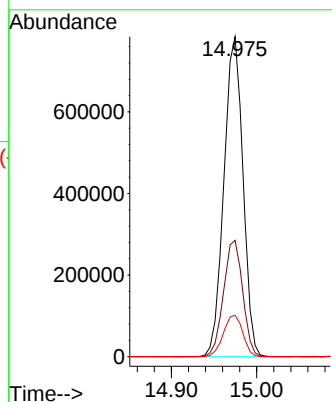
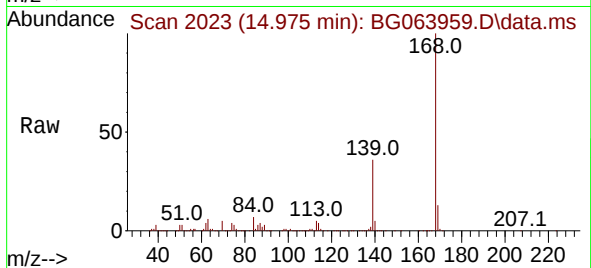
Tgt Ion:168 Resp: 1217623

Ion Ratio Lower Upper

168 100

139 36.3 29.7 44.5

169 12.9 10.9 16.3



#56

4-Nitrophenol

Concen: 59.662 ng

RT: 14.769 min Scan# 1988

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

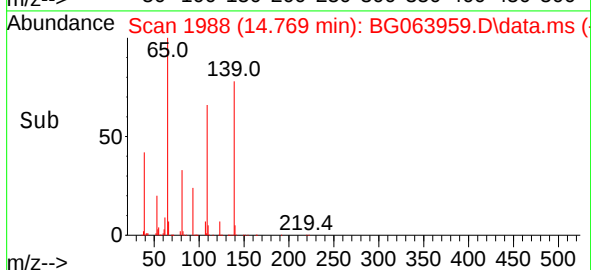
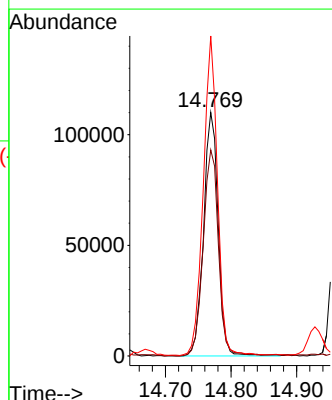
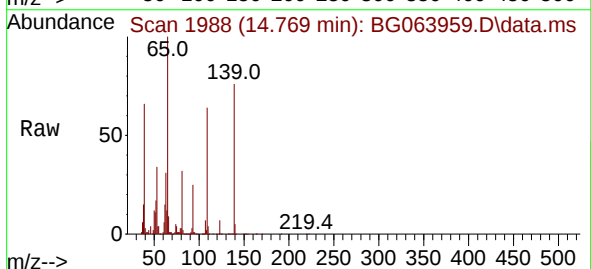
Tgt Ion:139 Resp: 170754

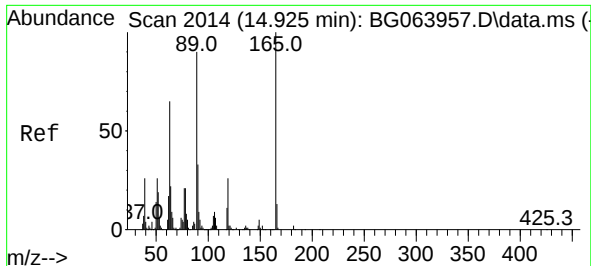
Ion Ratio Lower Upper

139 100

109 84.6 71.3 111.3

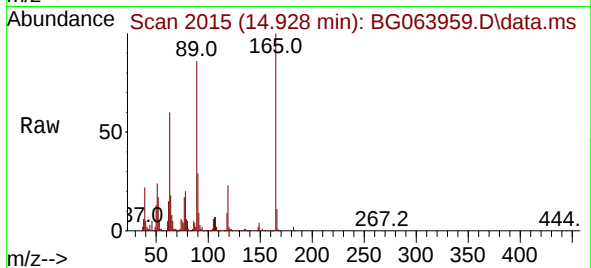
65 131.4 105.8 145.8



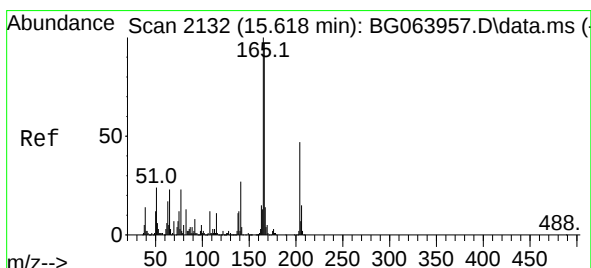
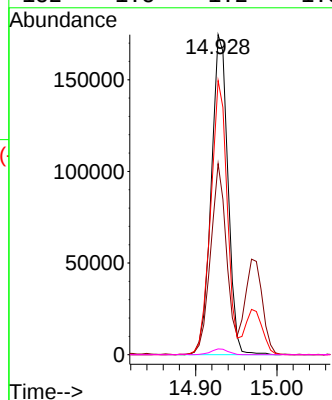
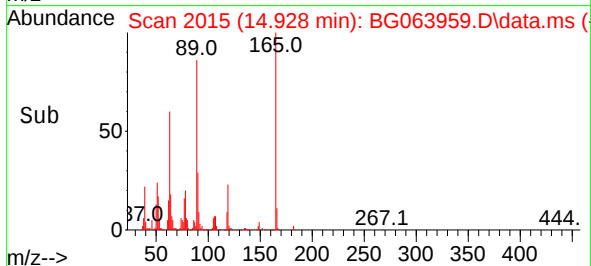


#57
2,4-Dinitrotoluene
Concen: 61.550 ng
RT: 14.928 min Scan# 2014
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

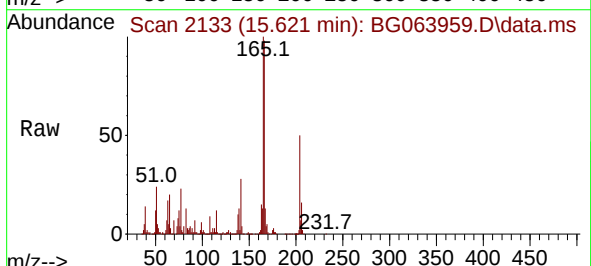
Instrument :
BNA_G
ClientSampleId :



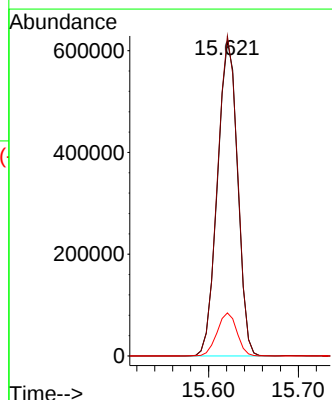
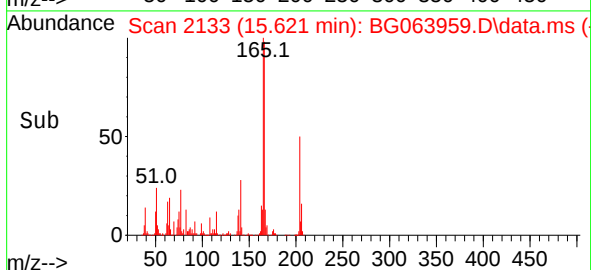
Tgt Ion:165 Resp: 248566
Ion Ratio Lower Upper
165 100
63 59.7 51.9 77.9
89 85.7 72.2 108.2
182 1.8 1.2 1.8#

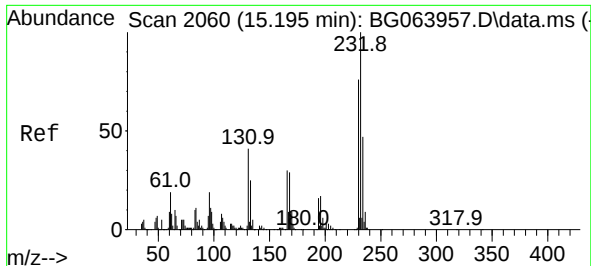


#58
Fluorene
Concen: 56.517 ng
RT: 15.621 min Scan# 2133
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17



Tgt Ion:166 Resp: 966608
Ion Ratio Lower Upper
166 100
165 101.6 82.6 124.0
167 13.7 11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 65.085 ng

RT: 15.192 min Scan# 2060

Delta R.T. -0.005 min

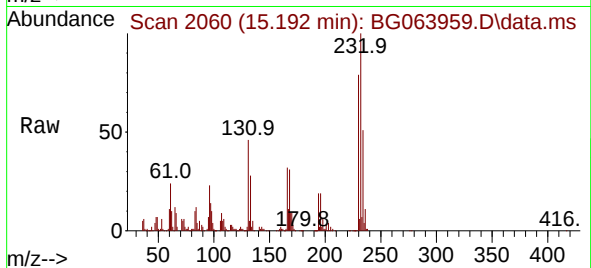
Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:232 Resp: 266159

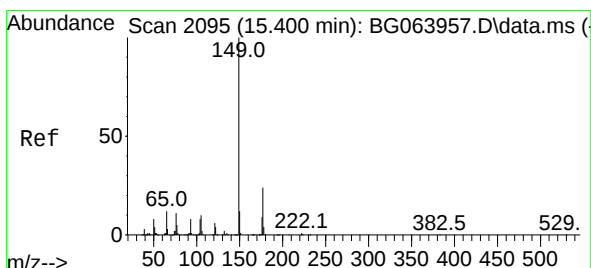
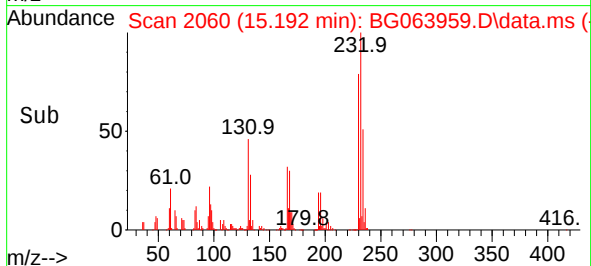
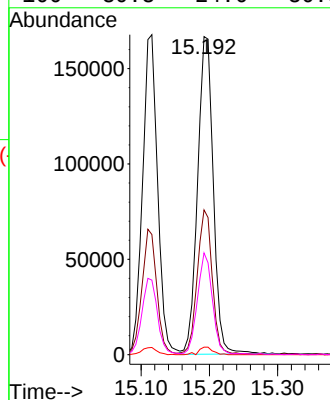
Ion Ratio Lower Upper

232 100

131 43.5 34.9 52.3

130 2.1 1.9 2.9

166 30.3 24.6 36.8



#60

Diethylphthalate

Concen: 58.313 ng

RT: 15.404 min Scan# 2096

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

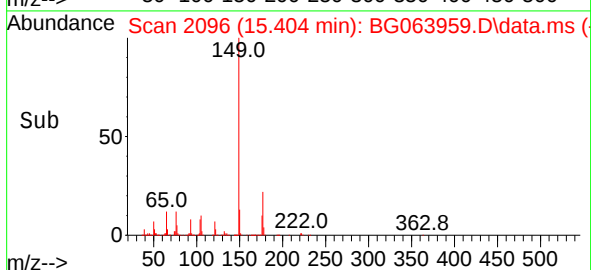
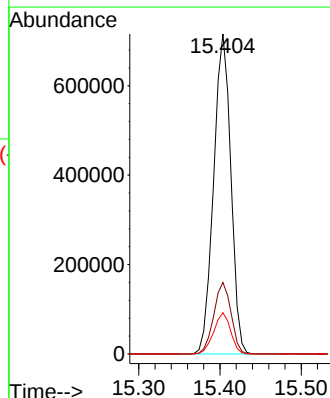
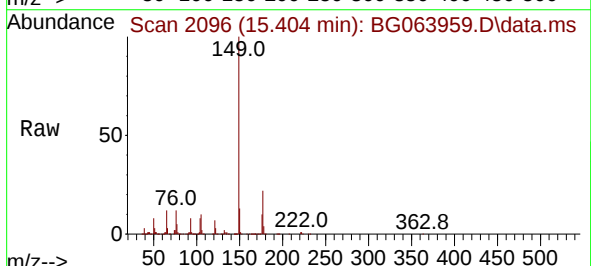
Tgt Ion:149 Resp: 1051489

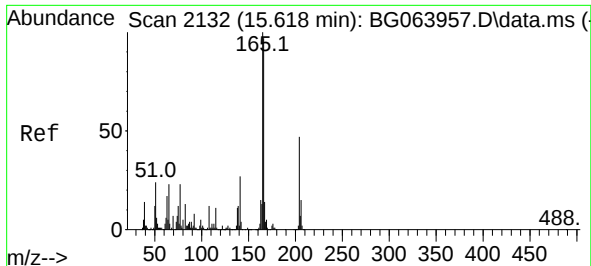
Ion Ratio Lower Upper

149 100

177 22.4 19.4 29.2

150 12.9 9.6 14.4

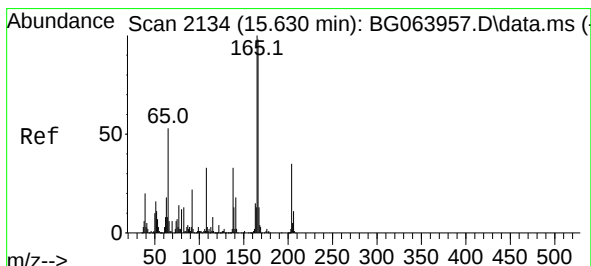
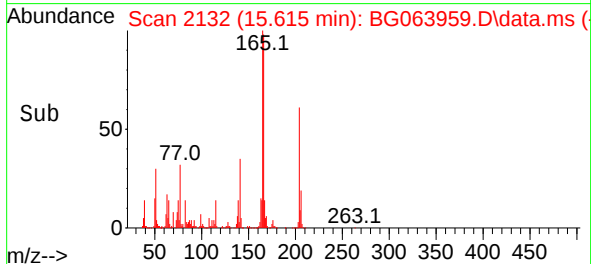
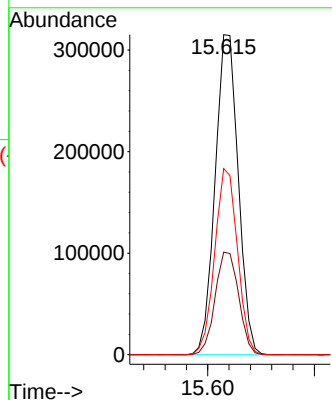
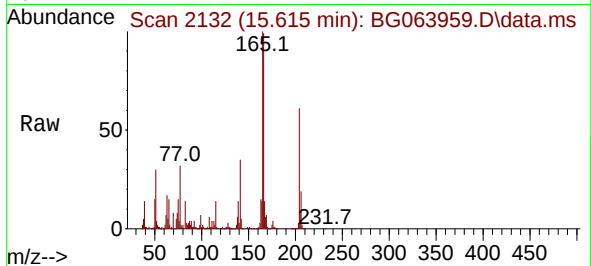




#61
4-Chlorophenyl-phenylether
Concen: 56.509 ng
RT: 15.615 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

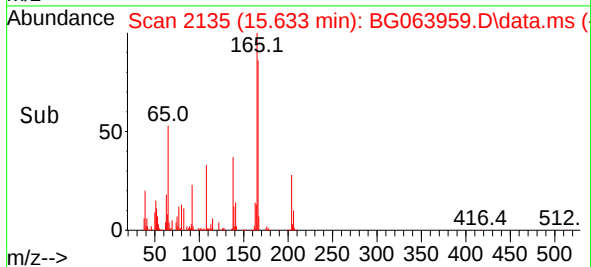
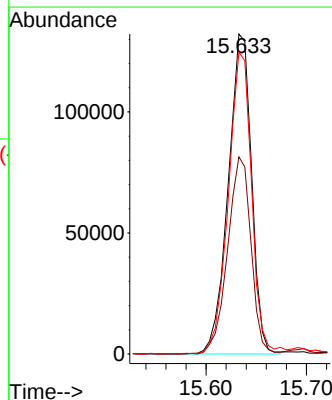
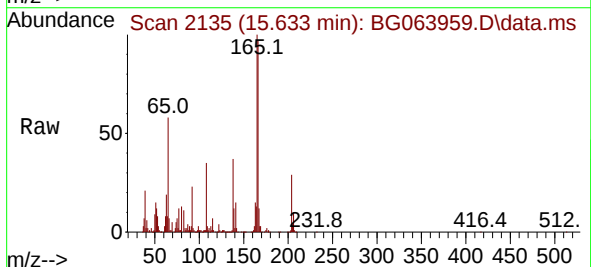
Instrument :
BNA_G
ClientSampleId :

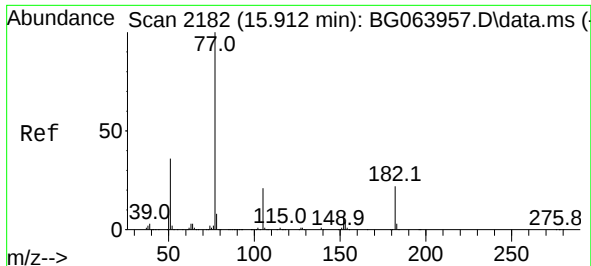
Tgt Ion:204 Resp: 474430
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 58.1 45.6 68.4



#62
4-Nitroaniline
Concen: 60.347 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.010 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

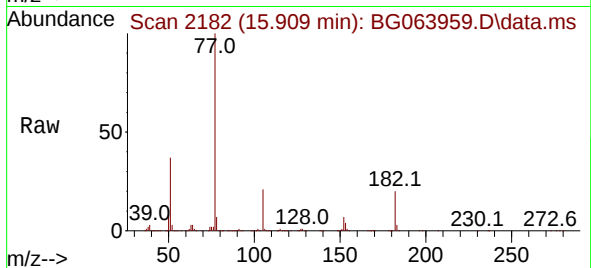
Tgt Ion:138 Resp: 213372
Ion Ratio Lower Upper
138 100
92 61.6 45.1 85.1
108 94.4 80.1 120.1



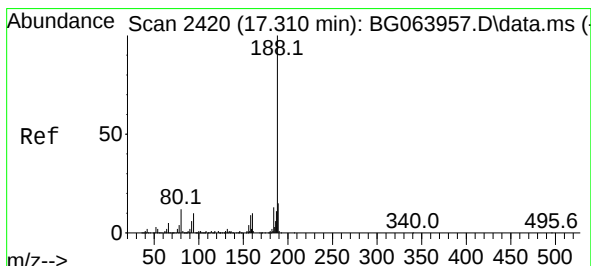
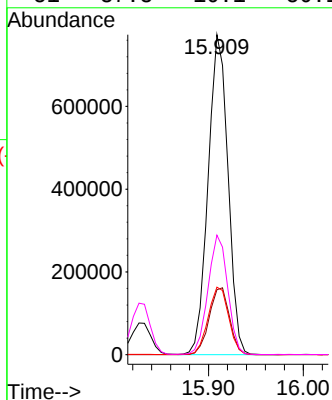
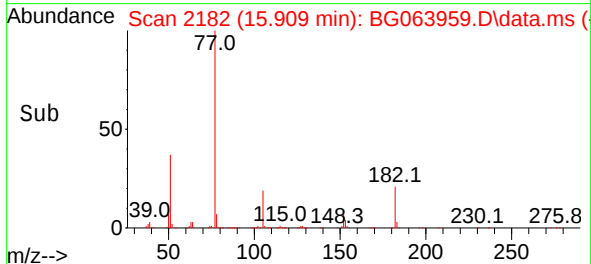


#63
Azobenzene
Concen: 57.887 ng
RT: 15.909 min Scan# 2182
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Instrument :
BNA_G
ClientSampleId :

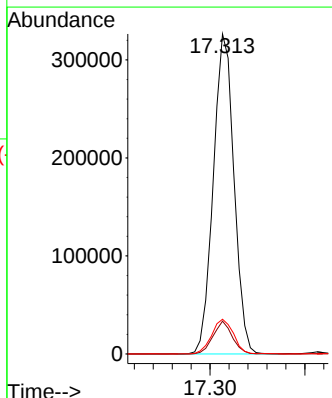
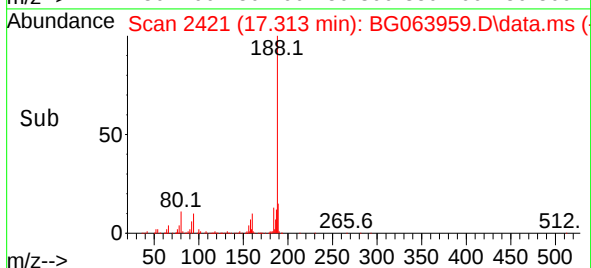
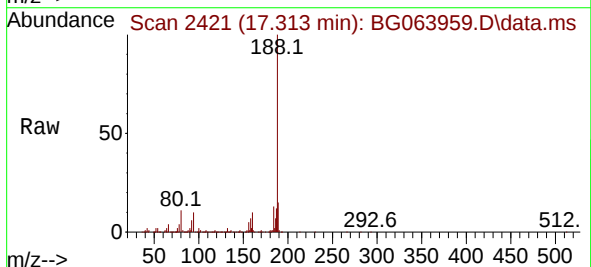


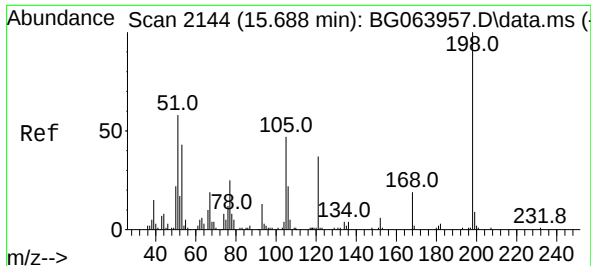
Tgt Ion: 77 Resp: 1122627
Ion Ratio Lower Upper
77 100
182 20.3 1.9 41.9
105 21.1 0.8 40.8
51 37.3 16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

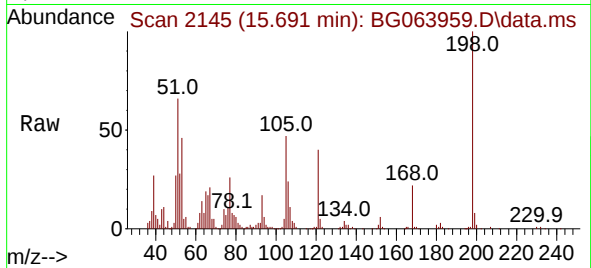
Tgt Ion:188 Resp: 495105
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 10.9 9.8 14.6



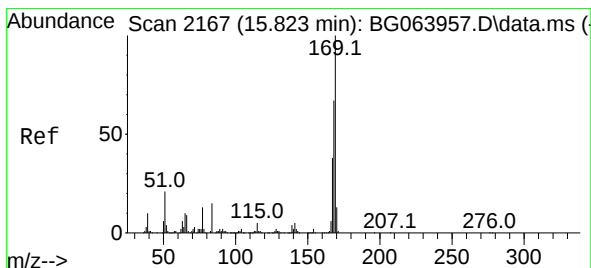
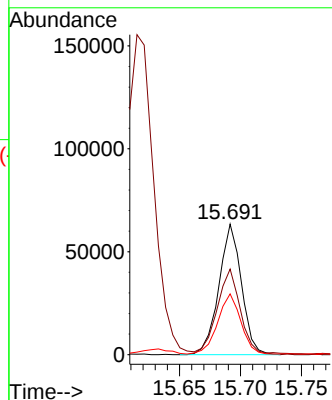
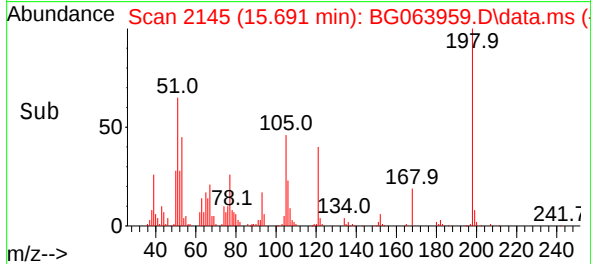


#65
4,6-Dinitro-2-methylphenol
Concen: 59.654 ng
RT: 15.691 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

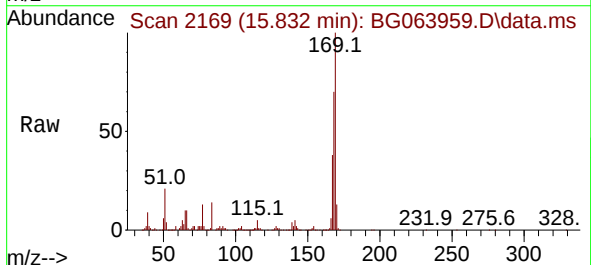
Instrument :
BNA_G
ClientSampleId :



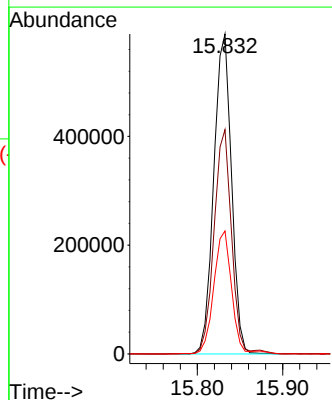
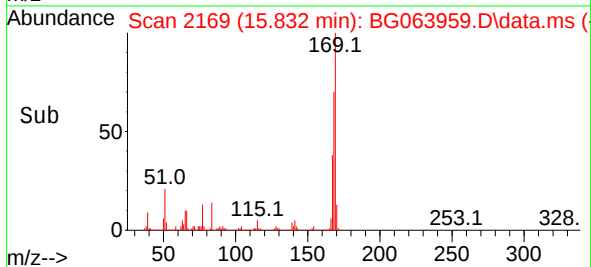
Tgt Ion:198 Resp: 81796
Ion Ratio Lower Upper
198 100
51 65.5 43.0 83.0
105 46.6 28.9 68.9

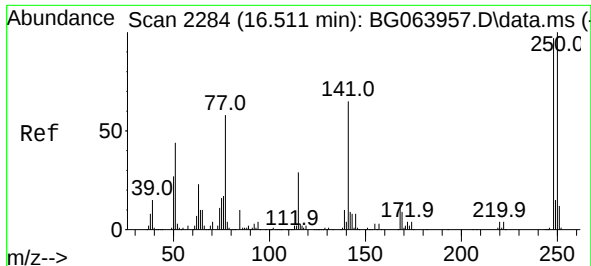


#66
n-Nitrosodiphenylamine
Concen: 57.672 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17



Tgt Ion:169 Resp: 846384
Ion Ratio Lower Upper
169 100
168 70.1 54.0 81.0
167 38.5 30.9 46.3

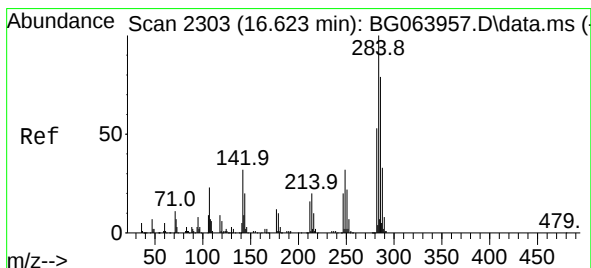
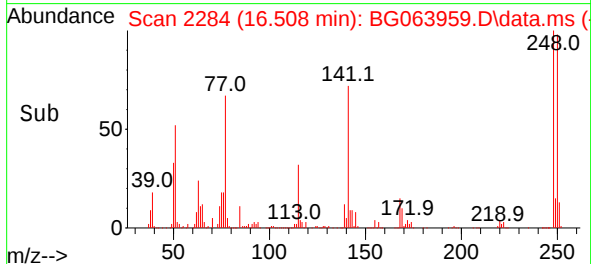
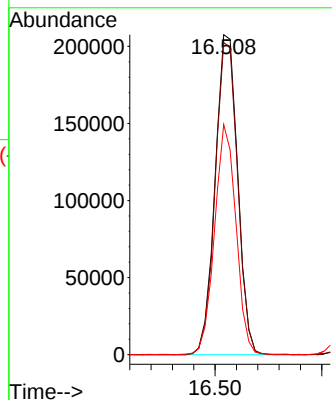
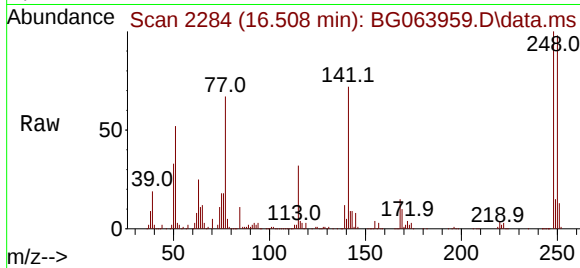




#67
4-Bromophenyl-phenylether
Concen: 59.098 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

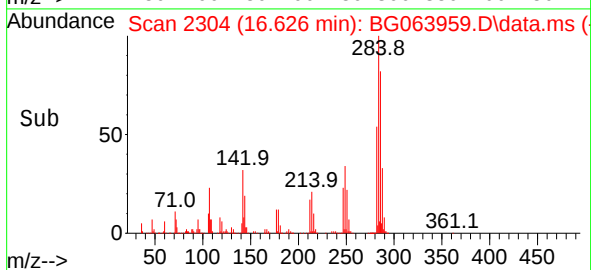
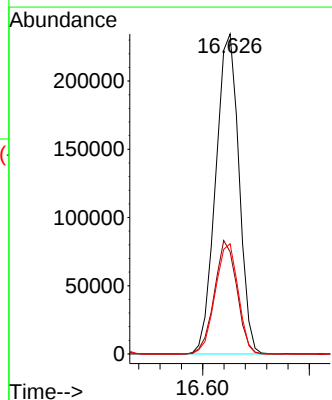
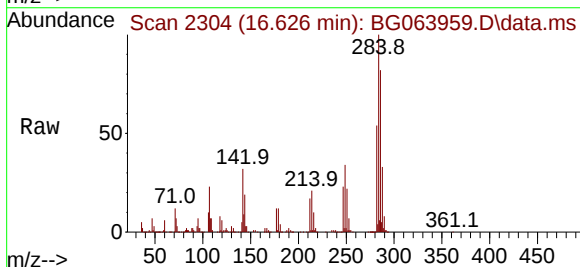
Instrument :
BNA_G
ClientSampleId :

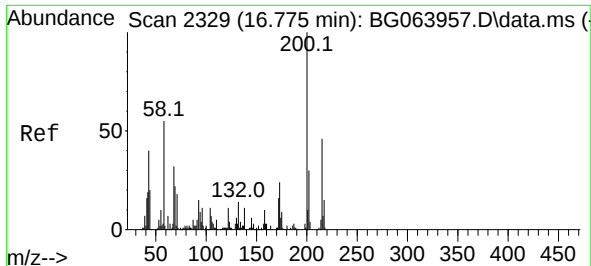
Tgt Ion:248 Resp: 303652
Ion Ratio Lower Upper
248 100
250 97.6 82.2 123.2
141 71.9 53.2 79.8



#68
Hexachlorobenzene
Concen: 58.310 ng
RT: 16.626 min Scan# 2304
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:284 Resp: 354677
Ion Ratio Lower Upper
284 100
142 31.9 25.9 38.9
249 34.4 25.4 38.2

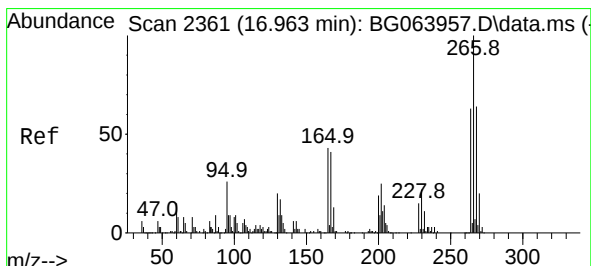
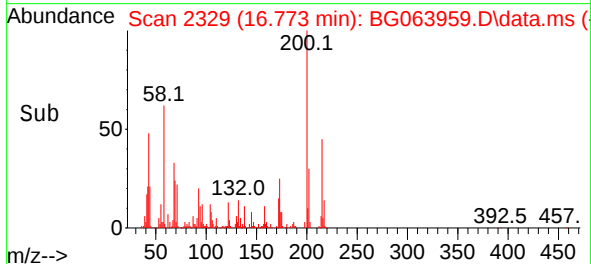
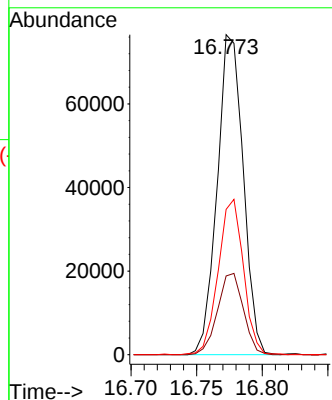
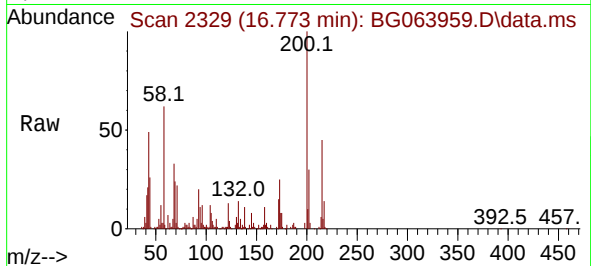




#69
Atrazine
Concen: 49.775 ng
RT: 16.773 min Scan# 2329
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

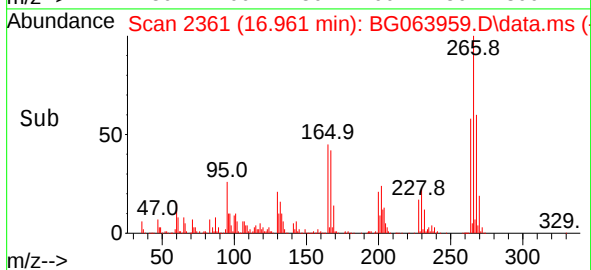
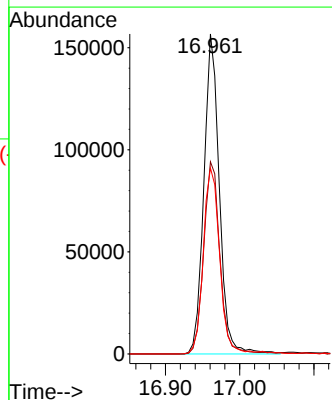
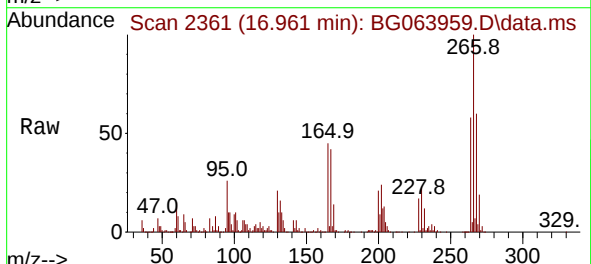
Instrument :
BNA_G
ClientSampleId :

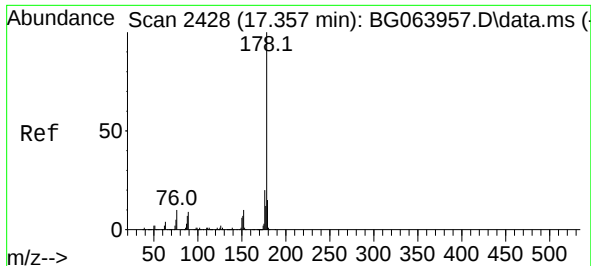
Tgt Ion:200 Resp: 105563
Ion Ratio Lower Upper
200 100
173 24.6 4.0 44.0
215 45.4 25.7 65.7



#70
Pentachlorophenol
Concen: 63.972 ng
RT: 16.961 min Scan# 2361
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

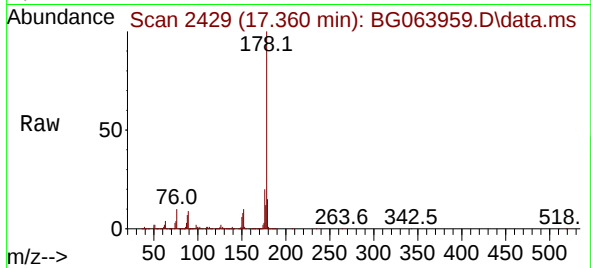
Tgt Ion:266 Resp: 227886
Ion Ratio Lower Upper
266 100
268 60.1 51.4 77.2
264 58.1 50.1 75.1



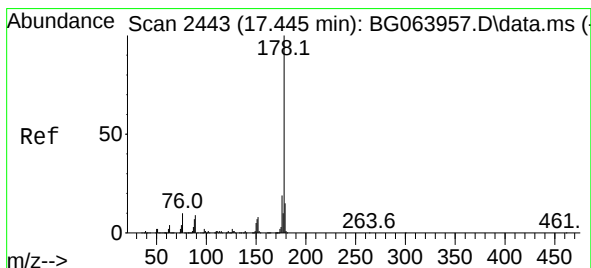
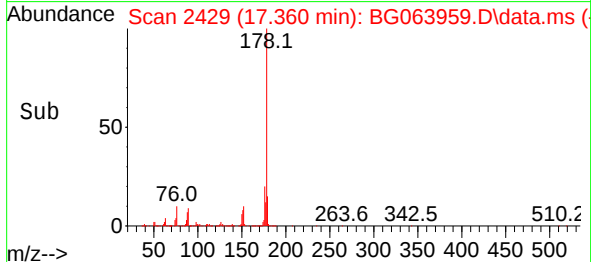
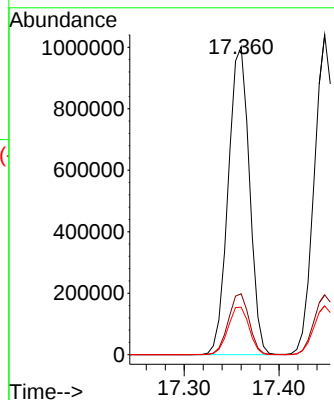


#71
Phenanthrene
Concen: 56.531 ng
RT: 17.360 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Instrument :
BNA_G
ClientSampleId :

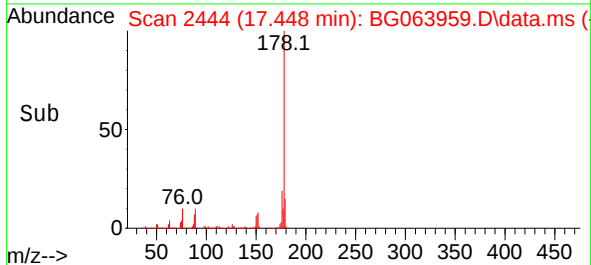
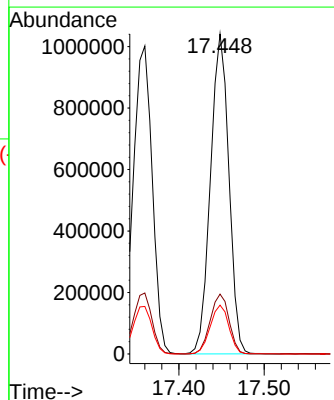
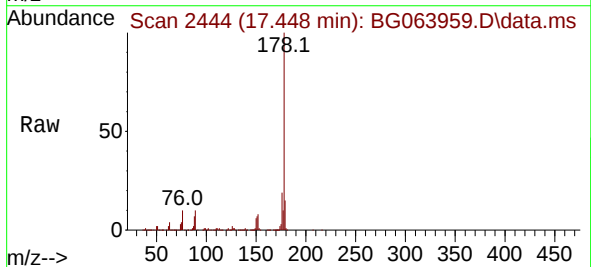


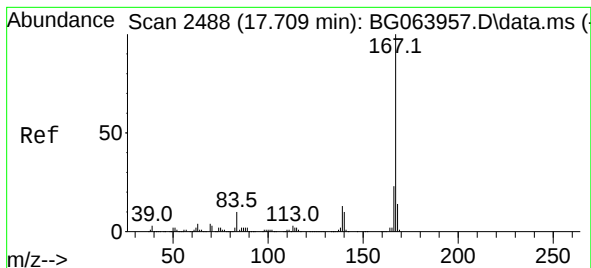
Tgt Ion:178 Resp: 1555043
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 57.823 ng
RT: 17.448 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:178 Resp: 1560125
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.3 12.1 18.1





#73

Carbazole

Concen: 56.490 ng

RT: 17.713 min Scan# 2488

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

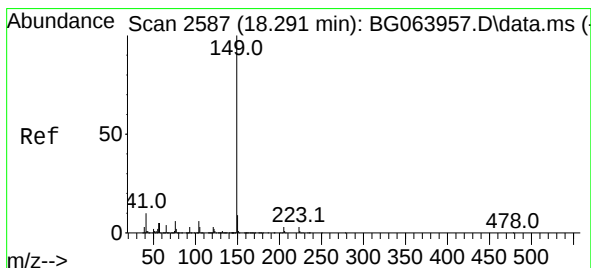
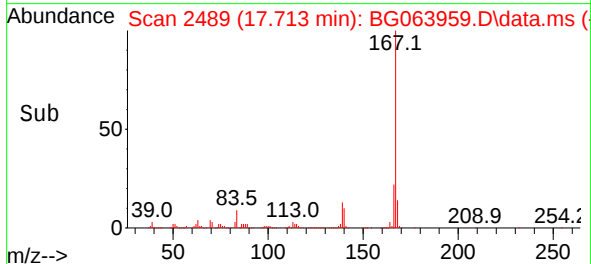
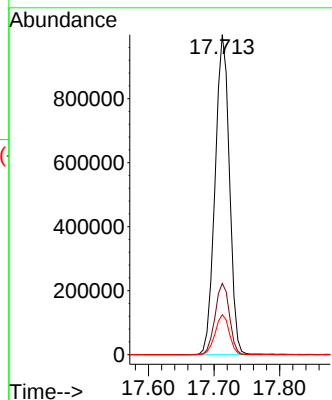
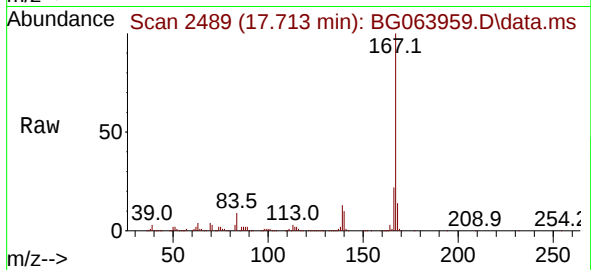
Tgt Ion:167 Resp: 1512688

Ion Ratio Lower Upper

167 100

166 22.3 18.6 27.8

139 12.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 57.345 ng

RT: 18.294 min Scan# 2588

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

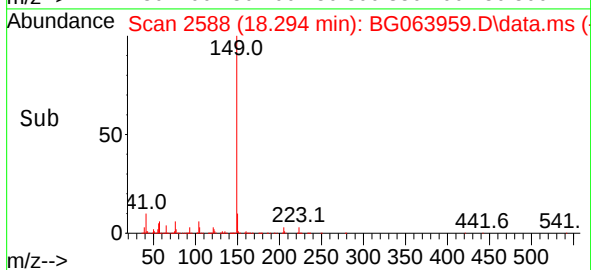
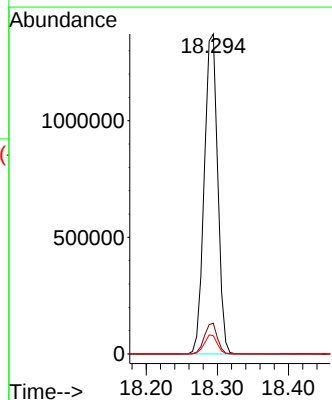
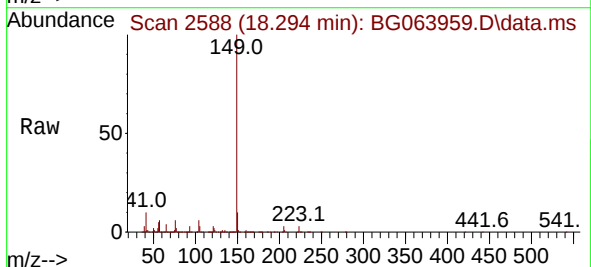
Tgt Ion:149 Resp: 1807066

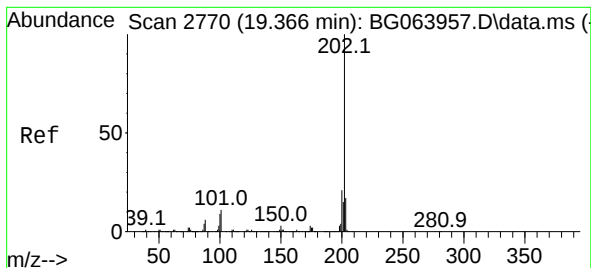
Ion Ratio Lower Upper

149 100

150 9.6 7.2 10.8

104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 55.703 ng

RT: 19.364 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

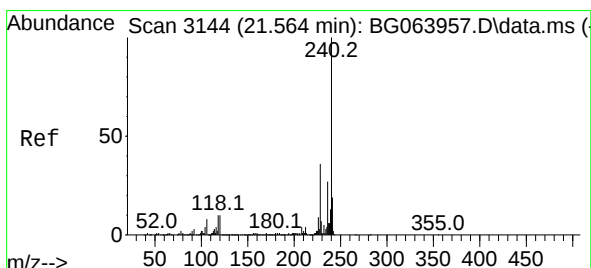
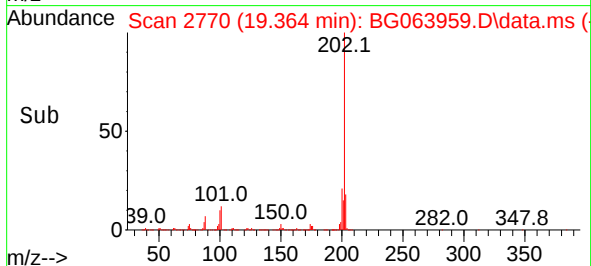
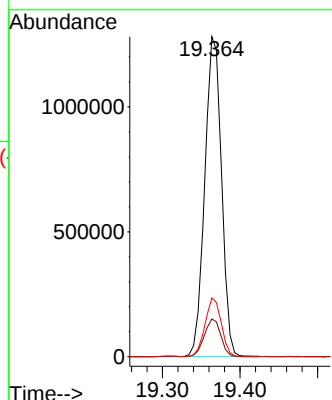
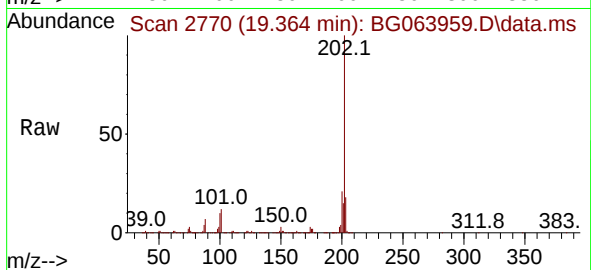
Tgt Ion:202 Resp: 1917141

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

203 18.4 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

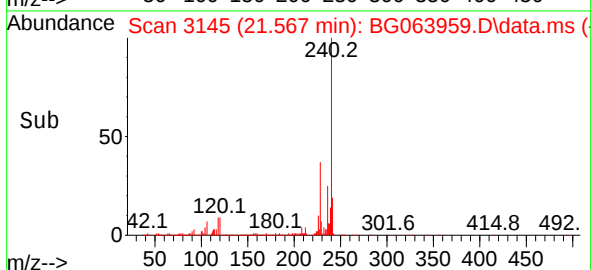
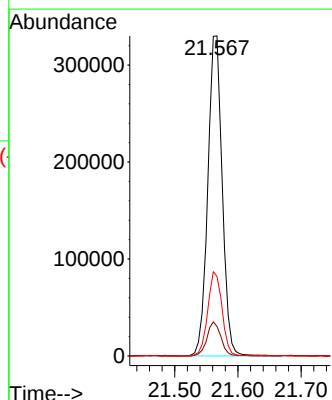
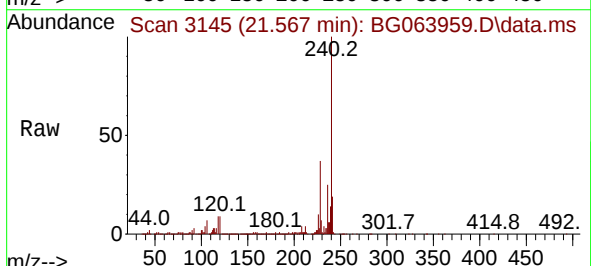
Tgt Ion:240 Resp: 521374

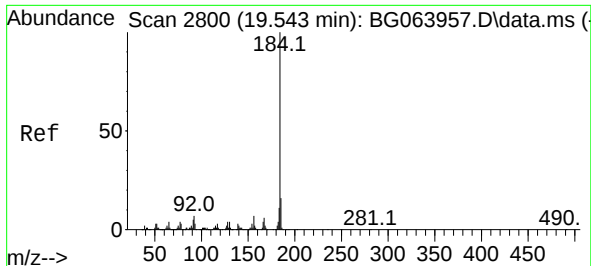
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 24.9 21.3 31.9

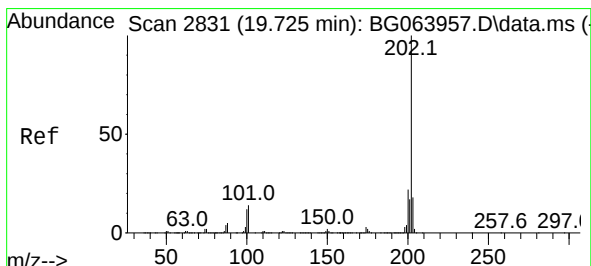
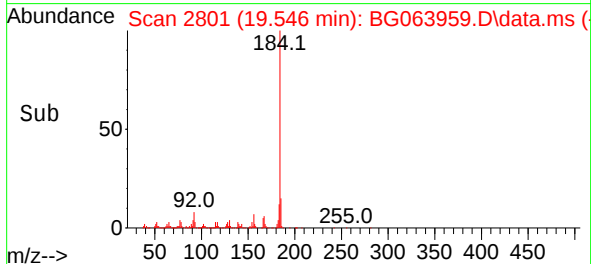
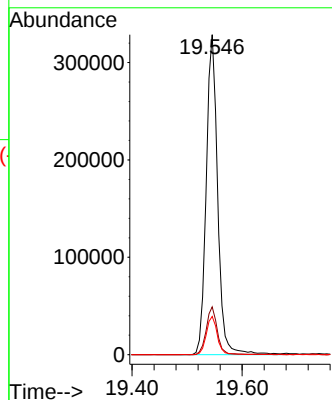
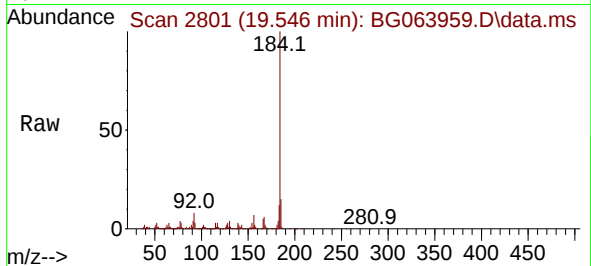




#77
Benzidine
Concen: 51.968 ng
RT: 19.546 min Scan# 2801
Delta R.T. -0.004 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

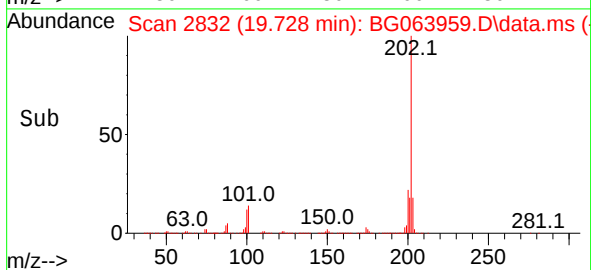
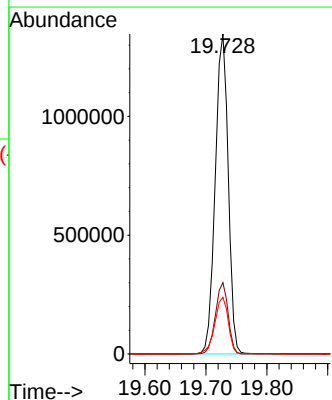
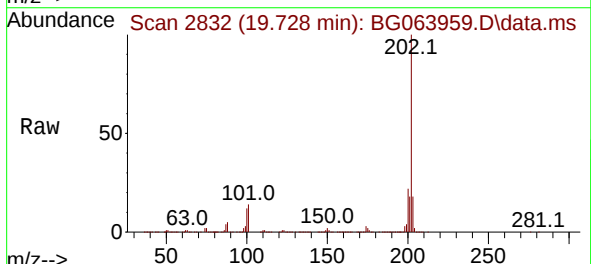
Instrument :
BNA_G
ClientSampleId :

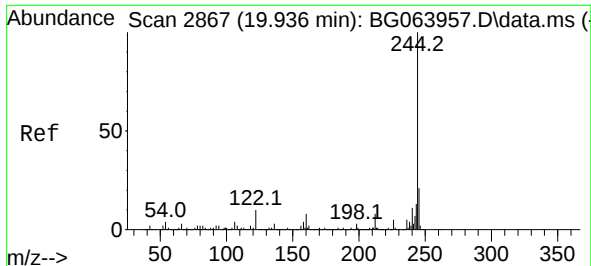
Tgt Ion:184 Resp: 473222
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 12.0 8.8 13.2



#78
Pyrene
Concen: 56.992 ng
RT: 19.728 min Scan# 2832
Delta R.T. 0.001 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

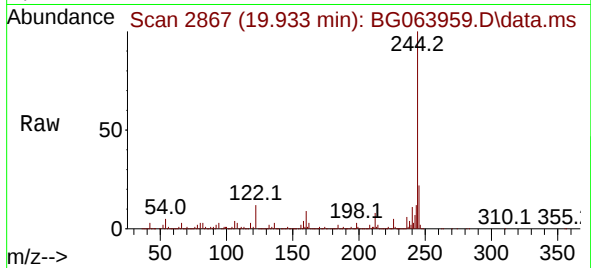
Tgt Ion:202 Resp: 1988127
Ion Ratio Lower Upper
202 100
200 22.3 17.2 25.8
203 17.7 14.2 21.2





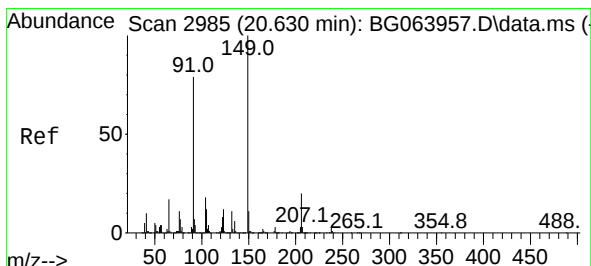
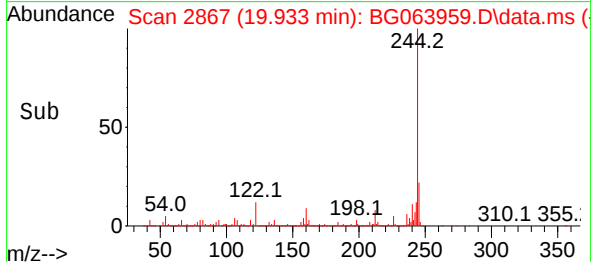
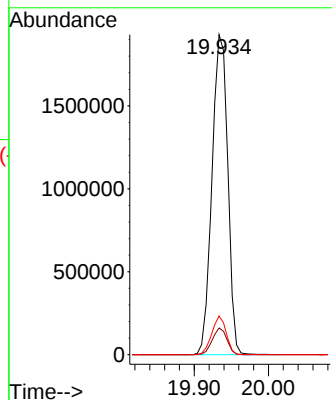
#79
 Terphenyl-d14
 Concen: 109.059 ng
 RT: 19.933 min Scan# 2867
 Delta R.T. -0.005 min
 Lab File: BG063959.D
 Acq: 24 Jan 2025 16:17

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 2845278

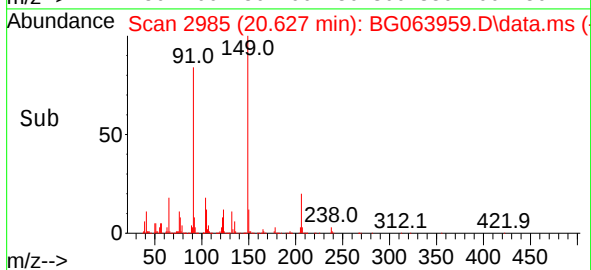
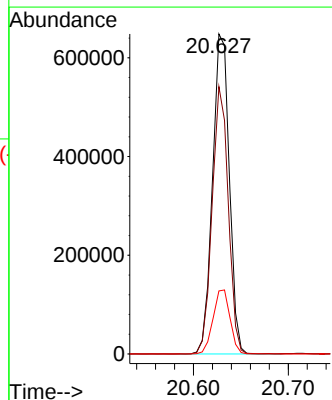
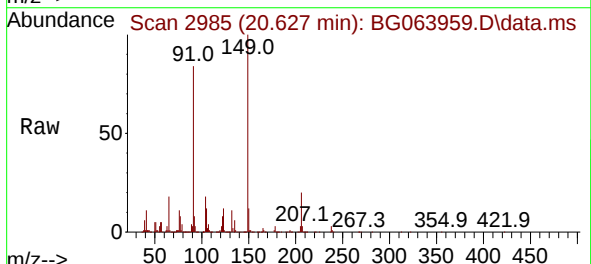
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	12.1	8.2	12.4

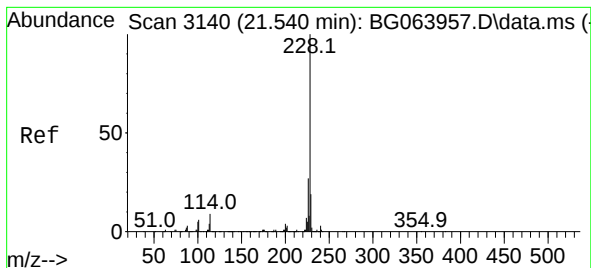


#80
 Butylbenzylphthalate
 Concen: 61.963 ng
 RT: 20.627 min Scan# 2985
 Delta R.T. -0.004 min
 Lab File: BG063959.D
 Acq: 24 Jan 2025 16:17

Tgt Ion:149 Resp: 797609

Ion	Ratio	Lower	Upper
149	100		
91	83.6	63.0	94.4
206	19.7	15.8	23.6





#81

Benzo(a)anthracene

Concen: 57.868 ng

RT: 21.543 min Scan# 3141

Delta R.T. -0.005 min

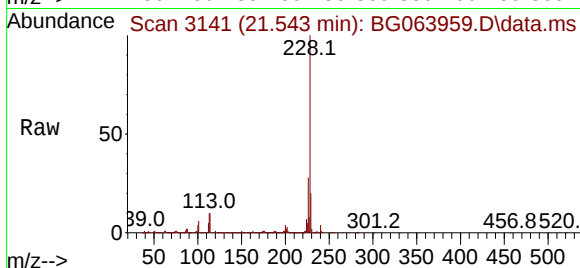
Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :



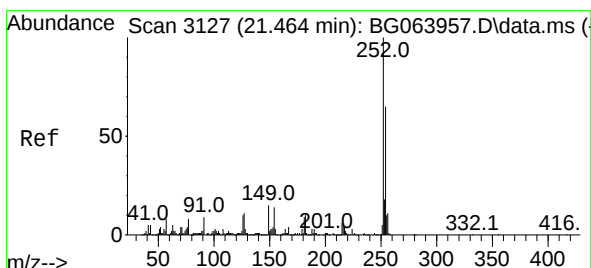
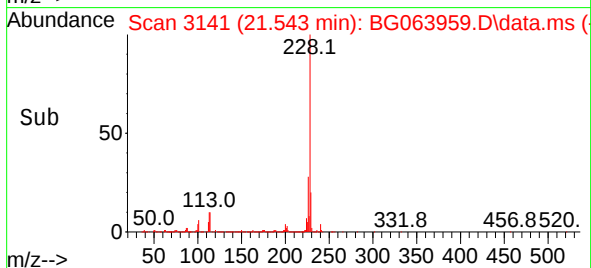
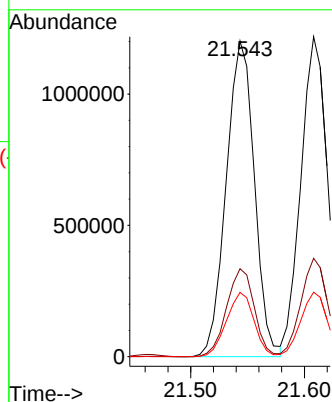
Tgt Ion:228 Resp: 2068856

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

229 20.4 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 58.932 ng

RT: 21.461 min Scan# 3127

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

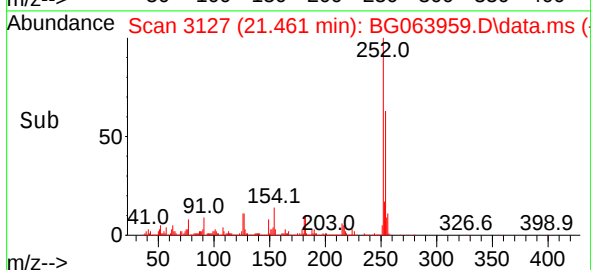
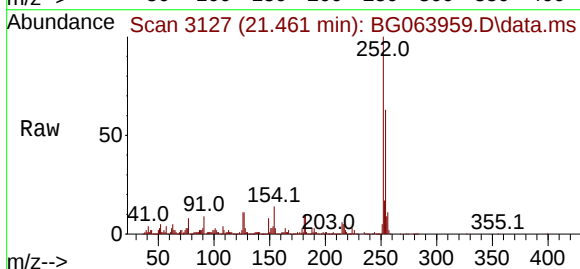
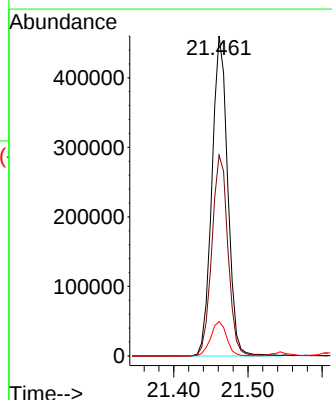
Tgt Ion:252 Resp: 679998

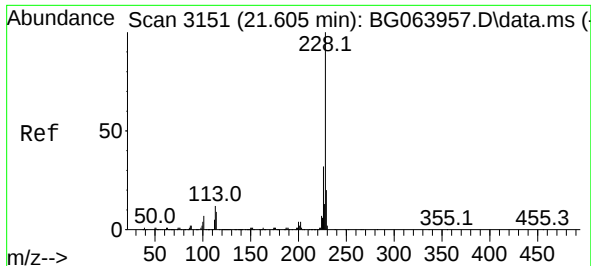
Ion Ratio Lower Upper

252 100

254 62.8 52.2 78.2

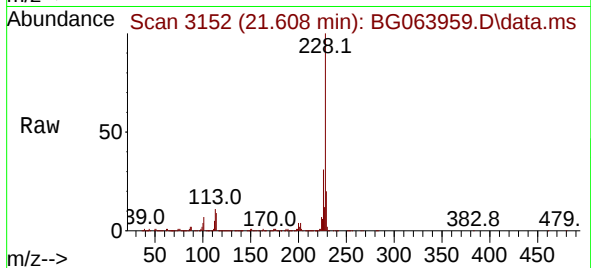
126 10.8 7.9 11.9



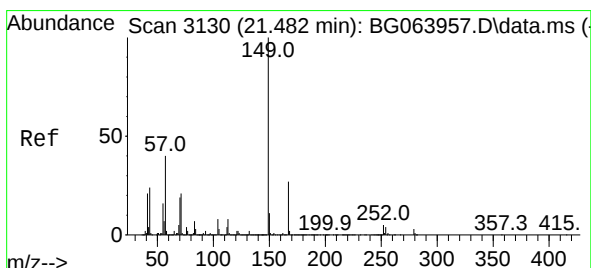
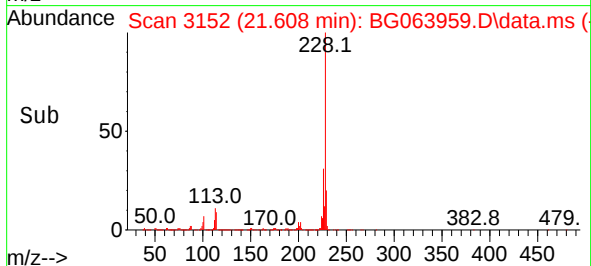
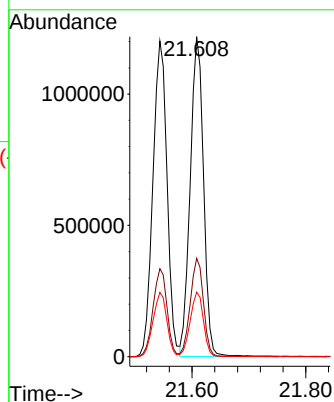


#83
Chrysene
Concen: 57.518 ng
RT: 21.608 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Instrument :
BNA_G
ClientSampleId :

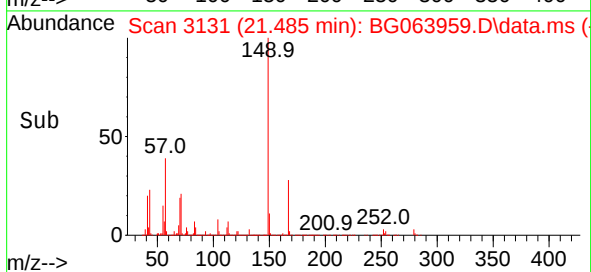
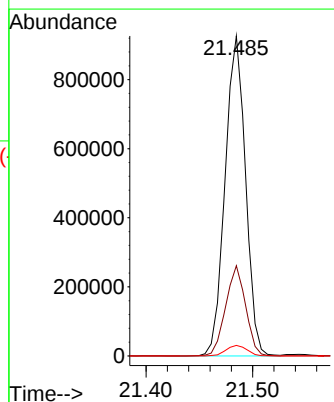
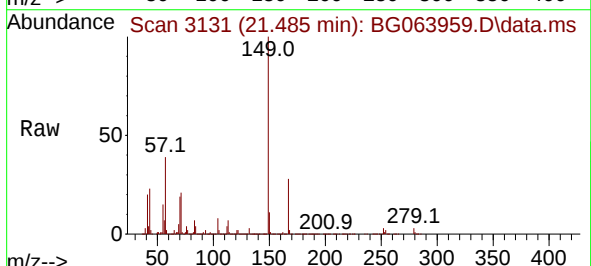


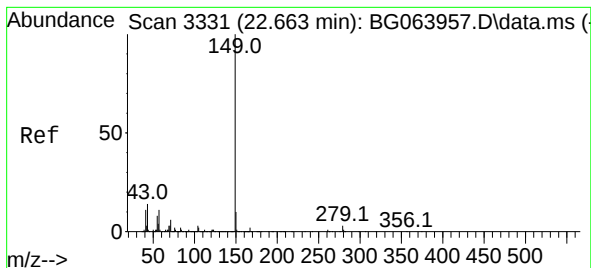
Tgt Ion:228 Resp: 1986671
Ion Ratio Lower Upper
228 100
226 30.8 25.3 37.9
229 20.1 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.854 ng
RT: 21.485 min Scan# 3131
Delta R.T. 0.002 min
Lab File: BG063959.D
Acq: 24 Jan 2025 16:17

Tgt Ion:149 Resp: 1234730
Ion Ratio Lower Upper
149 100
167 28.2 21.4 32.0
279 3.3 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 61.767 ng

RT: 22.666 min Scan# 3332

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

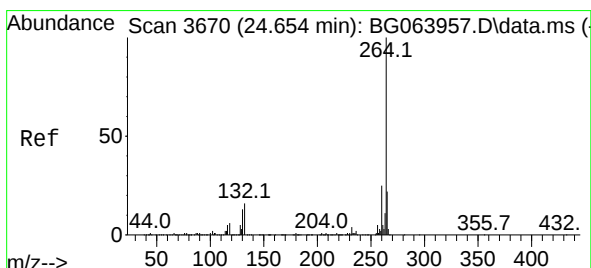
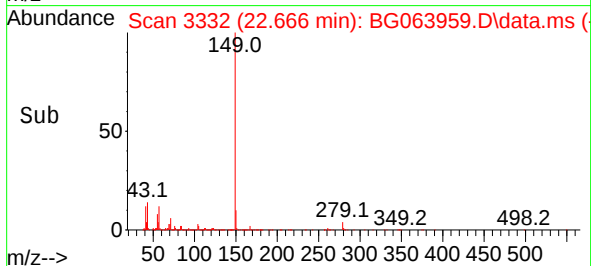
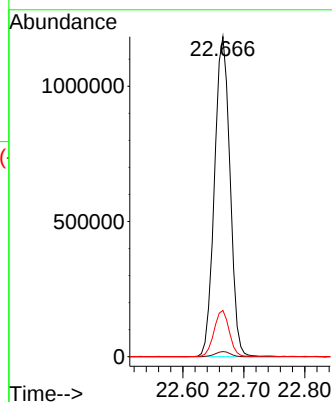
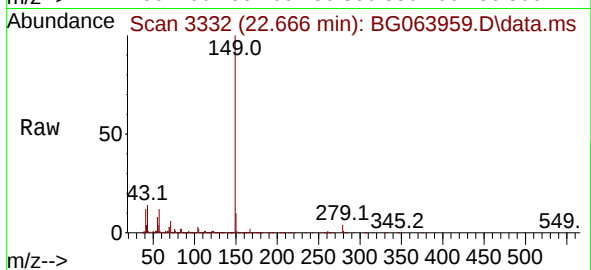
Tgt Ion:149 Resp: 2093395

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.1 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.657 min Scan# 3671

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

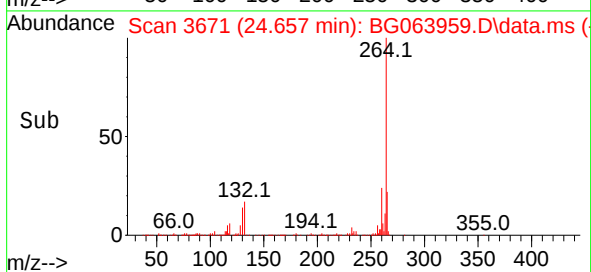
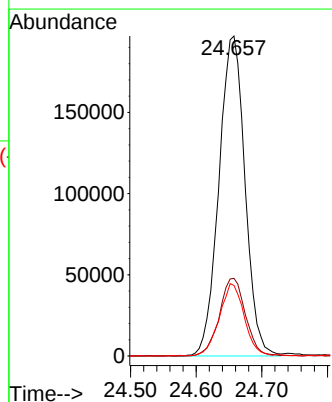
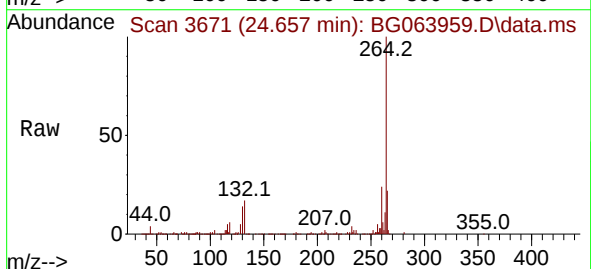
Tgt Ion:264 Resp: 543114

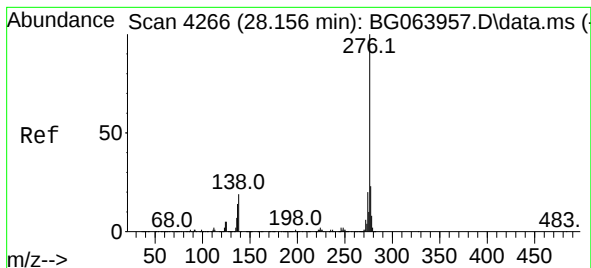
Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.035 ng

RT: 28.165 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

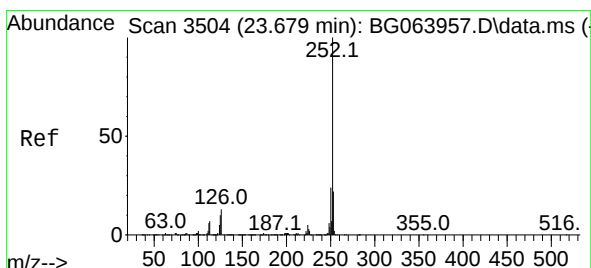
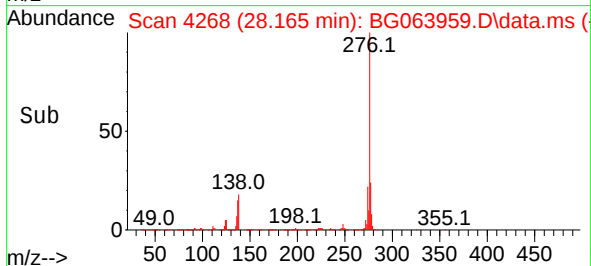
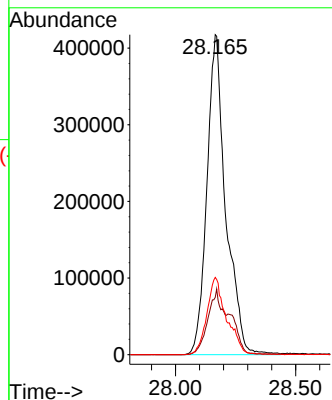
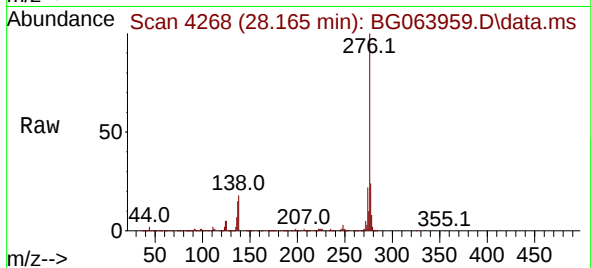
Tgt Ion:276 Resp: 2279578

Ion Ratio Lower Upper

276 100

138 16.4 14.5 21.7

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 59.532 ng

RT: 23.682 min Scan# 3505

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

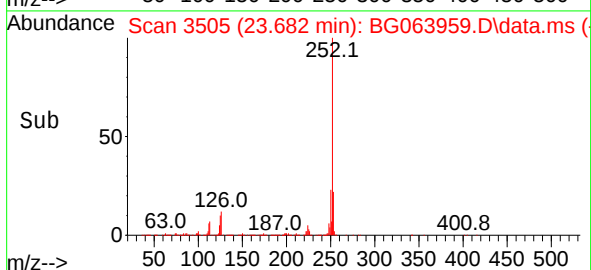
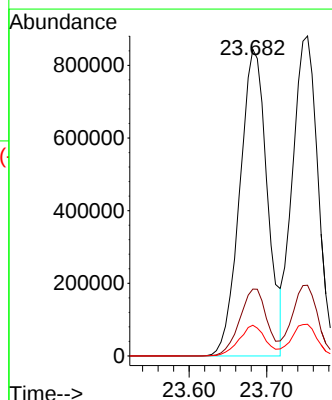
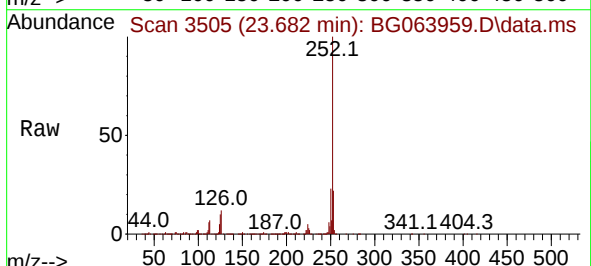
Tgt Ion:252 Resp: 2084571

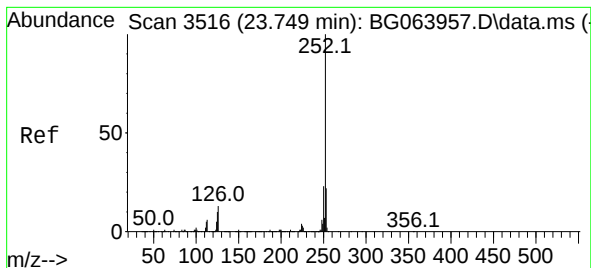
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.0 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 57.955 ng

RT: 23.753 min Scan# 3516

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

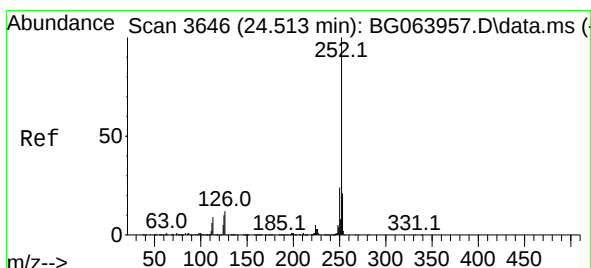
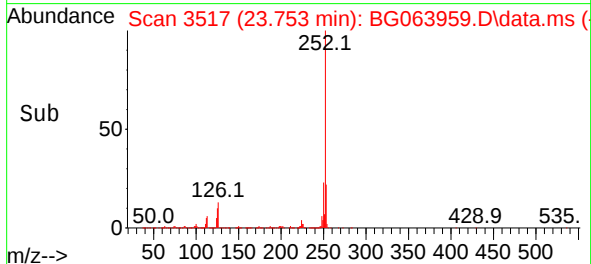
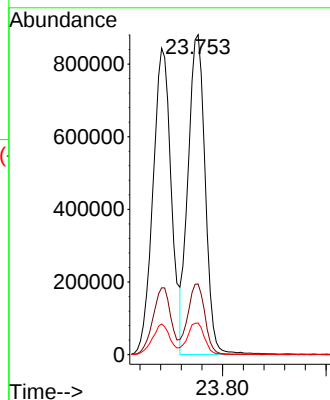
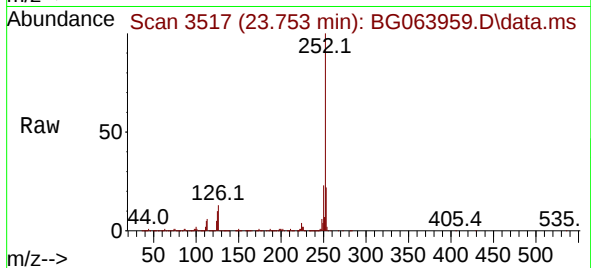
Tgt Ion:252 Resp: 2016570

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.9 7.8 11.8



#90

Benzo(a)pyrene

Concen: 59.119 ng

RT: 24.510 min Scan# 3646

Delta R.T. -0.011 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

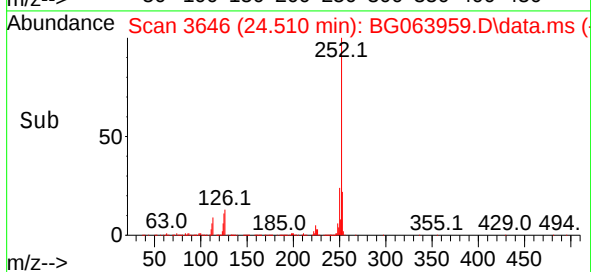
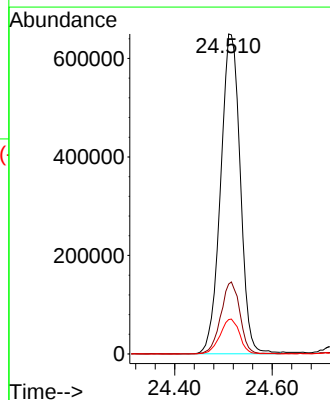
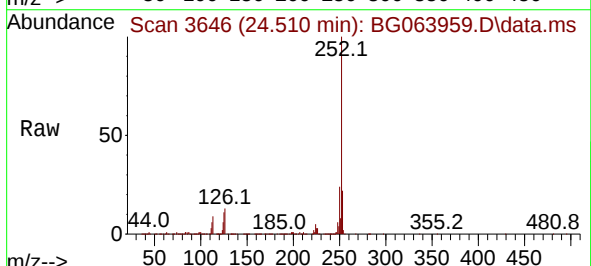
Tgt Ion:252 Resp: 1816575

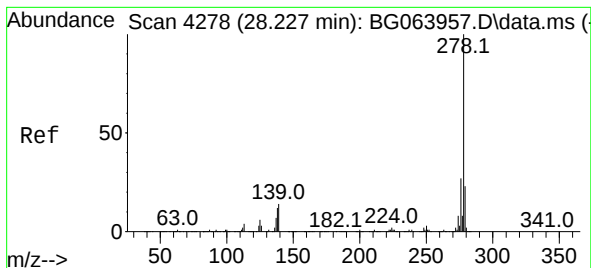
Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 10.8 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 60.109 ng

RT: 28.236 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA_G

ClientSampleId :

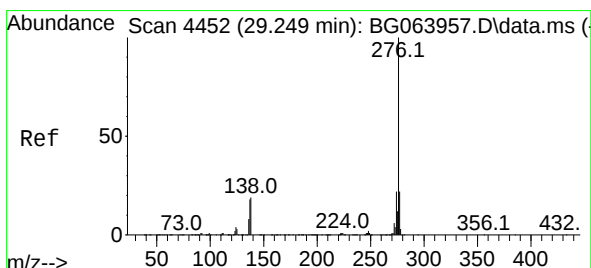
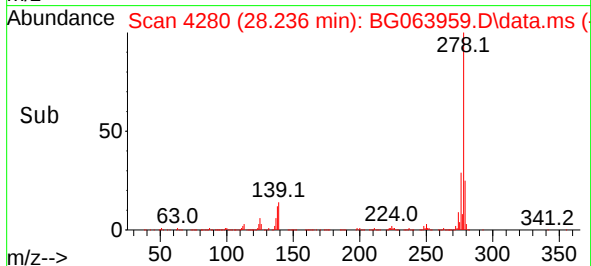
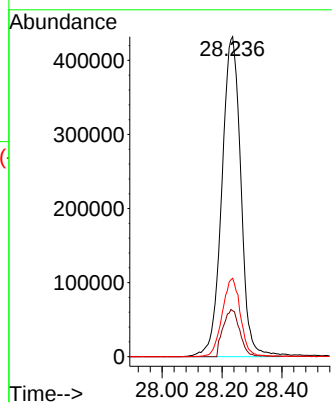
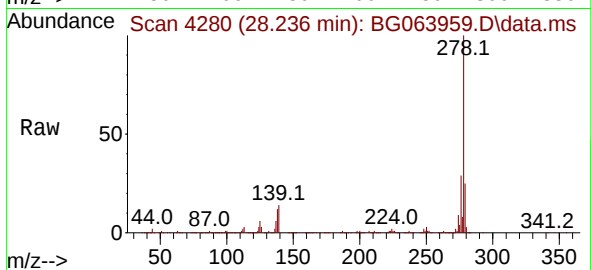
Tgt Ion:278 Resp: 1902006

Ion Ratio Lower Upper

278 100

139 14.4 11.5 17.3

279 24.5 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 60.036 ng

RT: 29.264 min Scan# 4455

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Tgt Ion:276 Resp: 1905468

Ion Ratio Lower Upper

276 100

277 24.2 17.6 26.4

138 19.3 15.3 22.9

