

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063956.D
 Acq On : 24 Jan 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 14:58:46 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	7.959	152	69245	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	308112	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	193969	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	427228	20.000	ng	0.00
76) Chrysene-d12	21.560	240	504572	20.000	ng	0.00
86) Perylene-d12	24.651	264	507857	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	203057	40.462	ng	0.00
7) Phenol-d6	7.107	99	276166	40.744	ng	-0.01
23) Nitrobenzene-d5	9.104	82	194372	37.574	ng	-0.01
42) 2,4,6-Tribromophenol	16.055	330	77859	39.297	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	557607	40.628	ng	0.00
79) Terphenyl-d14	19.933	244	1037512	41.092	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.470	88	47131	21.182	ng 97
3) Pyridine	3.857	79	123513	20.258	ng 91
4) n-Nitrosodimethylamine	3.769	42	70165	20.226	ng 91
6) Aniline	7.277	93	114551	20.392	ng 95
8) 2-Chlorophenol	7.518	128	104571	19.847	ng 98
9) Benzaldehyde	7.095	77	83662	20.935	ng 96
10) Phenol	7.136	94	144043	20.120	ng 97
11) bis(2-Chloroethyl)ether	7.377	93	111397	19.883	ng 99
12) 1,3-Dichlorobenzene	7.847	146	114175	20.072	ng 98
13) 1,4-Dichlorobenzene	7.988	146	118036	20.475	ng 98
14) 1,2-Dichlorobenzene	8.305	146	114392	20.420	ng 98
15) Benzyl Alcohol	8.182	79	100809	20.040	ng 95
16) 2,2'-oxybis(1-Chloropr...	8.487	45	211270	20.403	ng 99
17) 2-Methylphenol	8.382	107	95571	20.503	ng 94
18) Hexachloroethane	9.040	117	41662	20.722	ng 95
19) n-Nitroso-di-n-propyla...	8.752	70	94795	20.749	ng 97
20) 3+4-Methylphenols	8.711	107	134190	21.114	ng 97
22) Acetophenone	8.769	105	181771	20.477	ng 98
24) Nitrobenzene	9.145	77	113744	19.482	ng 96
25) Isophorone	9.668	82	252590	20.155	ng 96
26) 2-Nitrophenol	9.856	139	26122	18.716	ng 96
27) 2,4-Dimethylphenol	9.915	122	72237	19.888	ng 94
28) bis(2-Chloroethoxy)met...	10.156	93	152653	19.912	ng 98
29) 2,4-Dichlorophenol	10.385	162	91930	20.077	ng 99
30) 1,2,4-Trichlorobenzene	10.608	180	111780	19.833	ng 94
31) Naphthalene	10.796	128	356881	20.172	ng 98
32) Benzoic acid	10.009	122	45048	14.736	ng 91
33) 4-Chloroaniline	10.896	127	124051	19.794	ng 96
34) Hexachlorobutadiene	11.090	225	72174	19.667	ng 96
35) Caprolactam	11.642	113	36088	20.325	ng # 86
36) 4-Chloro-3-methylphenol	12.007	107	115109	19.569	ng 98
37) 2-Methylnaphthalene	12.400	142	240729	20.235	ng 96
38) 1-Methylnaphthalene	12.618	142	235665	19.788	ng 97
40) 1,2,4,5-Tetrachloroben...	12.765	216	119115	19.738	ng 99
41) Hexachlorocyclopentadiene	12.753	237	22749	18.374	ng 88
43) 2,4,6-Trichlorophenol	13.000	196	72457	19.717	ng 99

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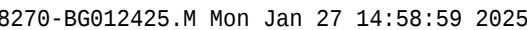
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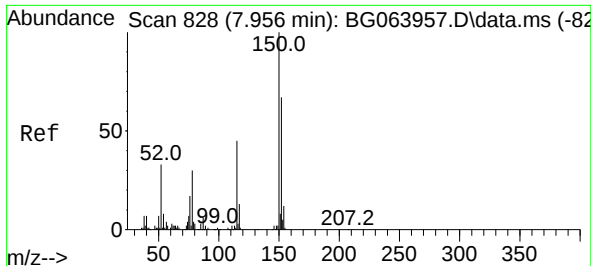
Quant Time: Jan 27 14:58:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	82711	19.527	ng	97
46) 1,1'-Biphenyl	13.411	154	314914	20.037	ng	95
47) 2-Chloronaphthalene	13.446	162	240104	19.879	ng	96
48) 2-Nitroaniline	13.640	65	49353	17.537	ng	93
49) Acenaphthylene	14.292	152	349019	20.046	ng	99
50) Dimethylphthalate	14.028	163	291543	19.862	ng	# 98
51) 2,6-Dinitrotoluene	14.140	165	38798	17.678	ng	96
52) Acenaphthene	14.633	154	237908	19.842	ng	98
53) 3-Nitroaniline	14.463	138	45367	18.064	ng	# 98
54) 2,4-Dinitrophenol	14.668	184	9842	19.277	ng	88
55) Dibenzofuran	14.968	168	365562	19.941	ng	99
56) 4-Nitrophenol	14.762	139	38858	18.424	ng	98
57) 2,4-Dinitrotoluene	14.921	165	45065	17.212	ng	# 96
58) Fluorene	15.620	166	302542	20.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	71813	20.179	ng	99
60) Diethylphthalate	15.397	149	313326	19.967	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	148269	20.293	ng	99
62) 4-Nitroaniline	15.620	138	54100	18.539	ng	91
63) Azobenzene	15.908	77	341798	20.252	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	16412	19.494	ng	95
66) n-Nitrosodiphenylamine	15.826	169	258895	20.444	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	88464	19.953	ng	91
68) Hexachlorobenzene	16.619	284	106392	20.270	ng	96
69) Atrazine	16.772	200	40499	22.130	ng	96
70) Pentachlorophenol	16.960	266	56165	18.271	ng	98
71) Phenanthrene	17.353	178	487252	20.528	ng	99
72) Anthracene	17.447	178	477777	20.521	ng	99
73) Carbazole	17.706	167	491367	21.265	ng	96
74) Di-n-butylphthalate	18.288	149	565249	20.787	ng	99
75) Fluoranthene	19.363	202	627007	21.112	ng	99
77) Benzidine	19.545	184	184897	20.981	ng	98
78) Pyrene	19.721	202	664695	19.689	ng	99
80) Butylbenzylphthalate	20.626	149	248302	19.932	ng	98
81) Benzo(a)anthracene	21.543	228	696665	20.135	ng	99
82) 3,3'-Dichlorobenzidine	21.460	252	224013	20.061	ng	97
83) Chrysene	21.607	228	679212	20.319	ng	99
84) Bis(2-ethylhexyl)phtha...	21.484	149	407722	20.423	ng	98
85) Di-n-octyl phthalate	22.665	149	647263	19.734	ng	99
87) Indeno(1,2,3-cd)pyrene	28.147	276	713295	20.090	ng	97
88) Benzo(b)fluoranthene	23.681	252	672461	20.538	ng	98
89) Benzo(k)fluoranthene	23.746	252	655030	20.132	ng	99
90) Benzo(a)pyrene	24.510	252	576941	20.080	ng	97
91) Dibenzo(a,h)anthracene	28.211	278	597390	20.190	ng	98
92) Benzo(g,h,i)perylene	29.228	276	591472	19.929	ng	99

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

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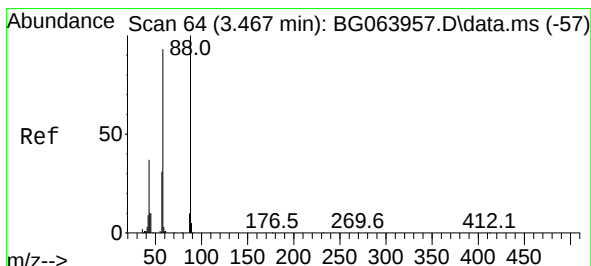
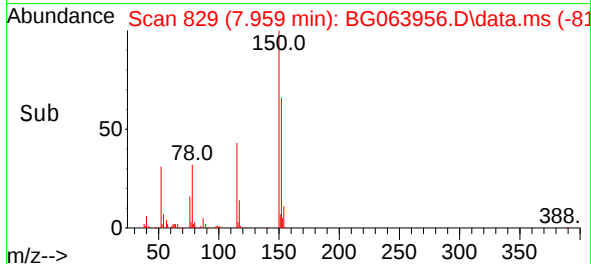
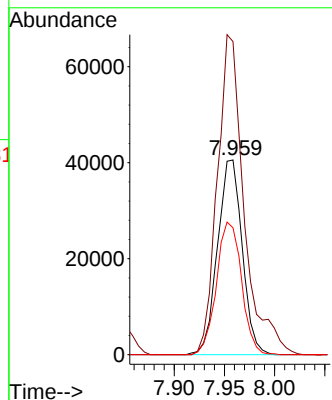
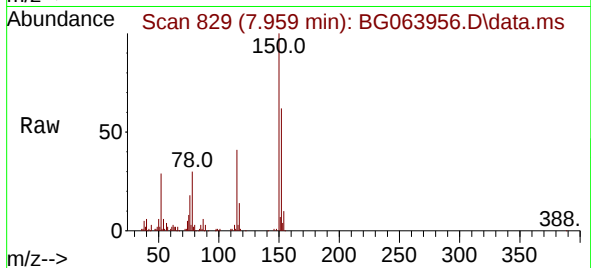




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG063956.D
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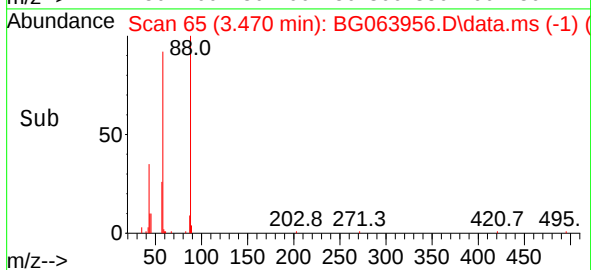
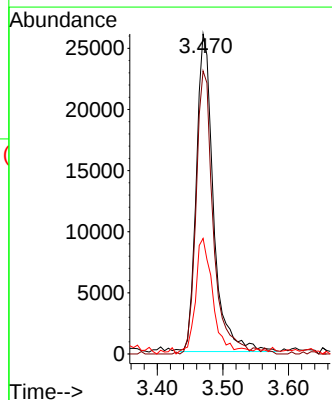
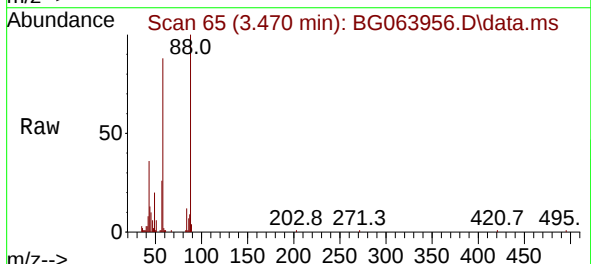
Instrument :
BNA_G
ClientSampleId :

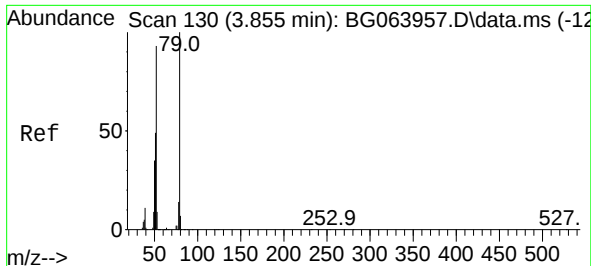
Tgt Ion:152 Resp: 69245
Ion Ratio Lower Upper
152 100
150 160.8 119.4 179.0
115 65.2 53.4 80.0



#2
1,4-Dioxane
Concen: 21.182 ng
RT: 3.470 min Scan# 65
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion: 88 Resp: 47131
Ion Ratio Lower Upper
88 100
58 90.2 74.2 111.2
43 36.8 27.2 40.8

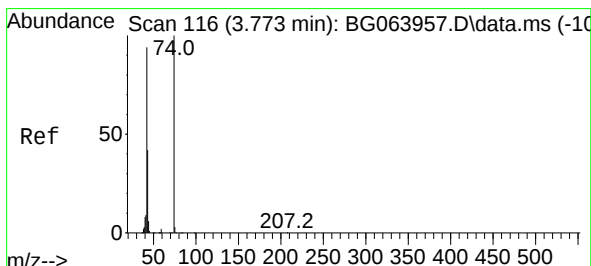
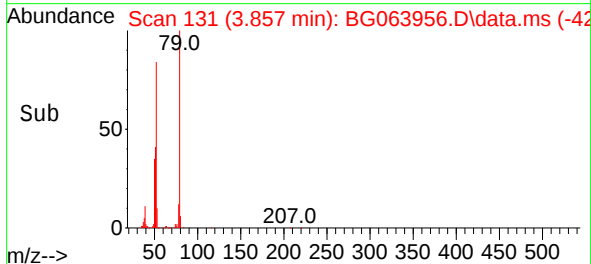
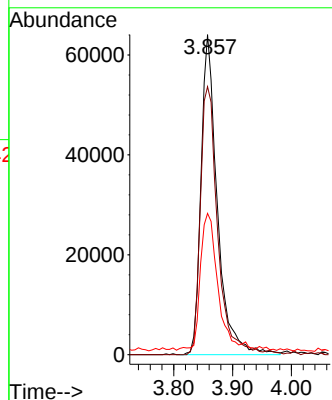
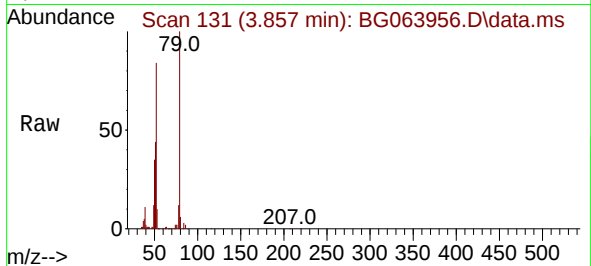




#3
Pyridine
Concen: 20.258 ng
RT: 3.857 min Scan# 130
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

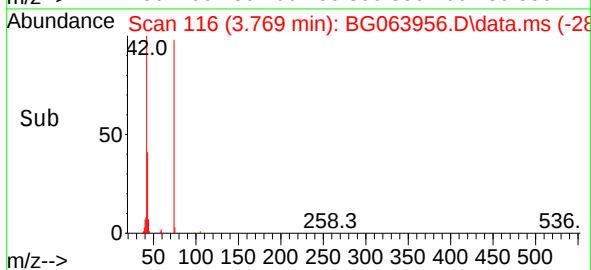
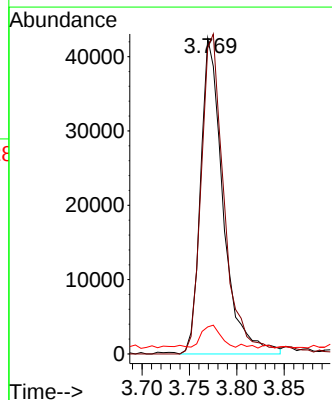
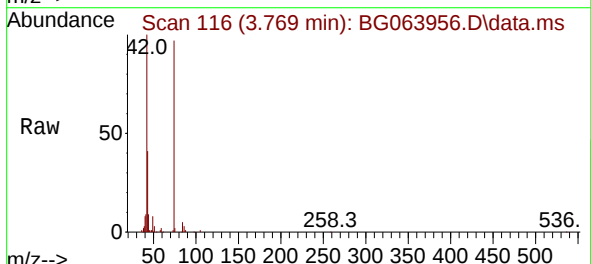
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BNA_G
ClientSampleId :

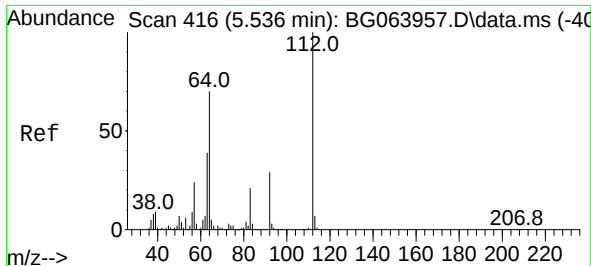
Tgt Ion: 79 Resp: 123513
Ion Ratio Lower Upper
79 100
52 83.8 74.6 112.0
51 44.1 39.8 59.6



#4
n-Nitrosodimethylamine
Concen: 20.226 ng
RT: 3.769 min Scan# 116
Delta R.T. -0.012 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion: 42 Resp: 70165
Ion Ratio Lower Upper
42 100
74 96.9 85.2 127.8
44 8.6 6.1 9.1

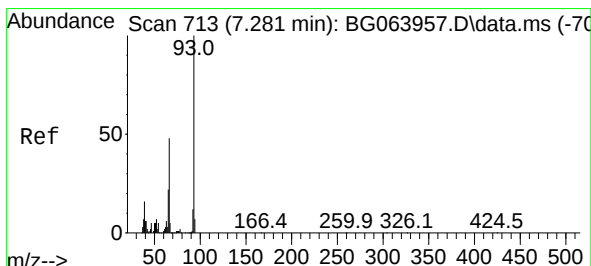
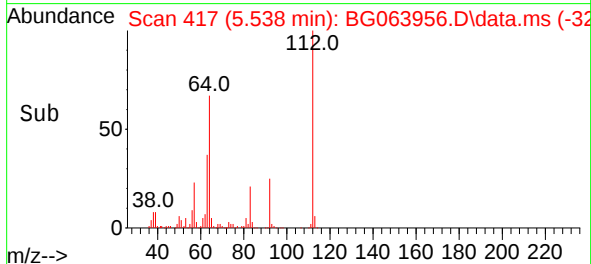
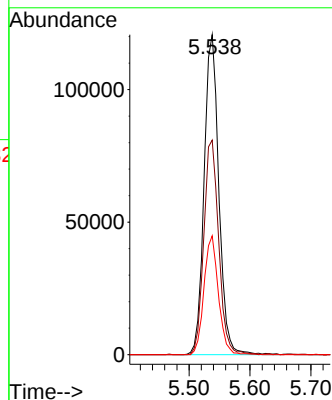
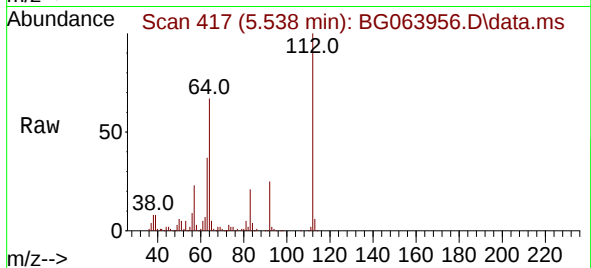




#5
2-Fluorophenol
Concen: 40.462 ng
RT: 5.538 min Scan# 416
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

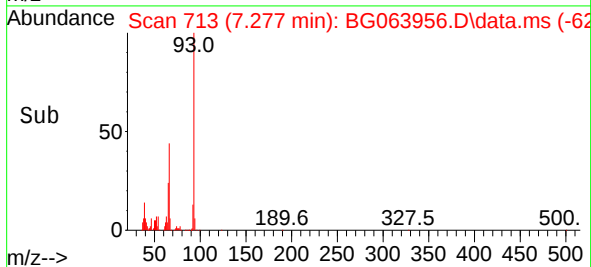
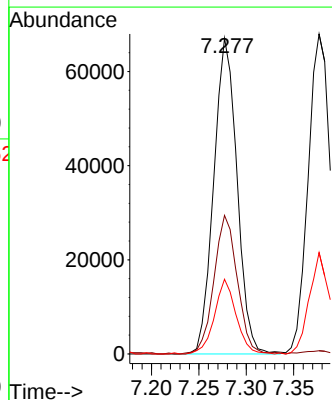
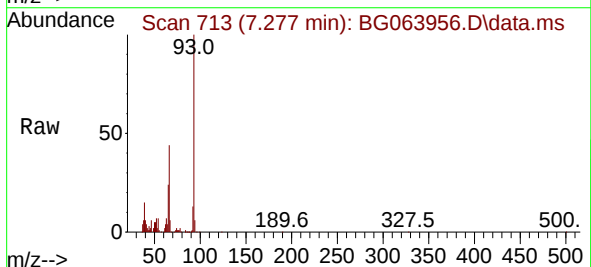
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ClientSampleId :

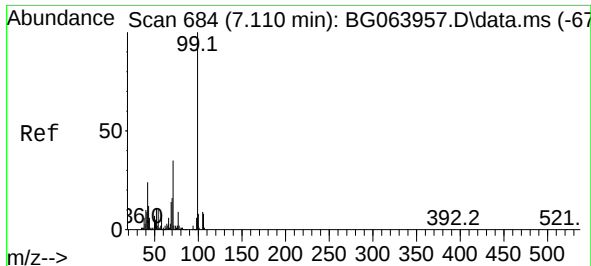
Tgt Ion:112 Resp: 203057
Ion Ratio Lower Upper
112 100
64 67.1 56.2 84.4
63 37.1 31.5 47.3



#6
Aniline
Concen: 20.392 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

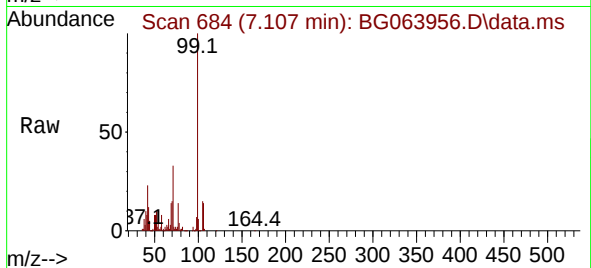
Tgt Ion: 93 Resp: 114551
Ion Ratio Lower Upper
93 100
66 43.9 38.2 57.4
65 23.7 17.4 26.0



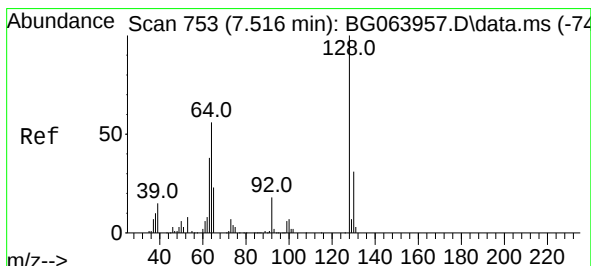
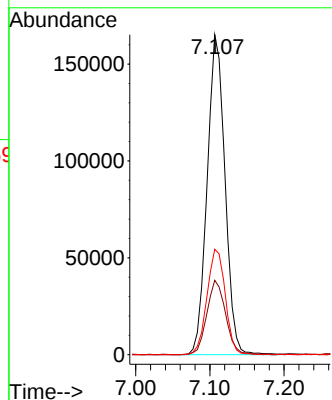
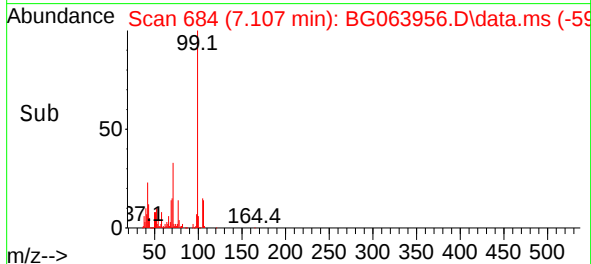


#7
Phenol-d6
Concen: 40.744 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Instrument :
BNA_G
ClientSampleId :

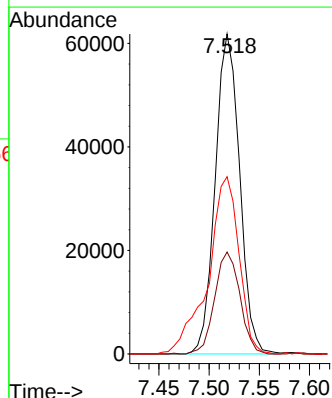
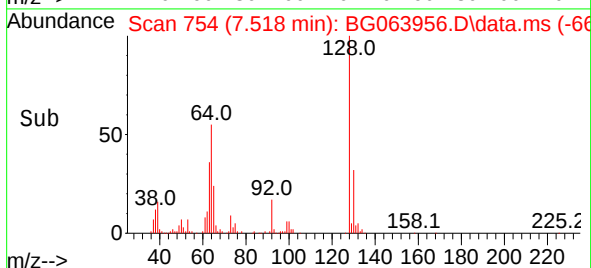
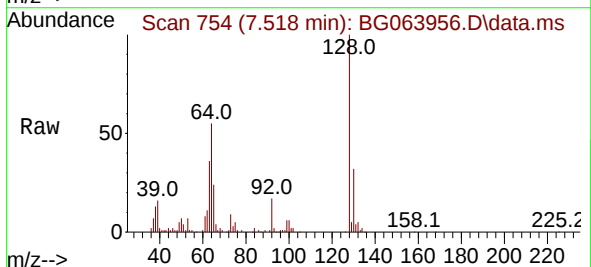


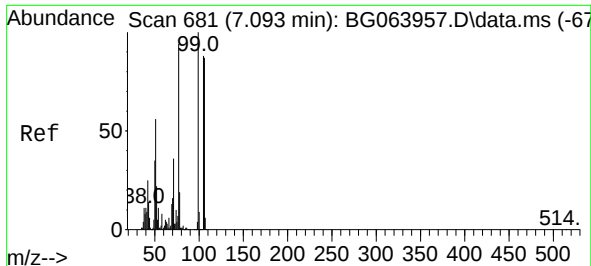
Tgt Ion: 99 Resp: 276166
Ion Ratio Lower Upper
99 100
42 23.2 19.3 28.9
71 33.0 28.4 42.6



#8
2-Chlorophenol
Concen: 19.847 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:128 Resp: 104571
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 55.4 37.0 77.0

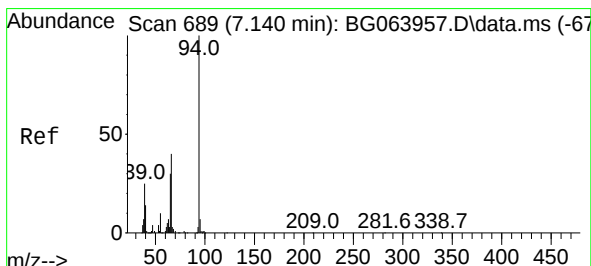
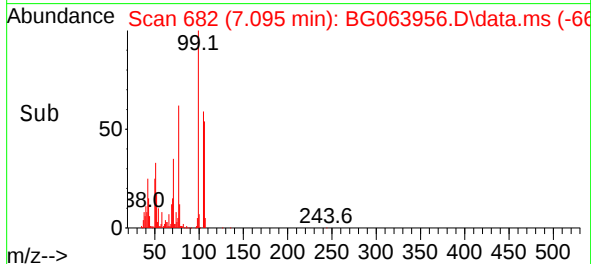
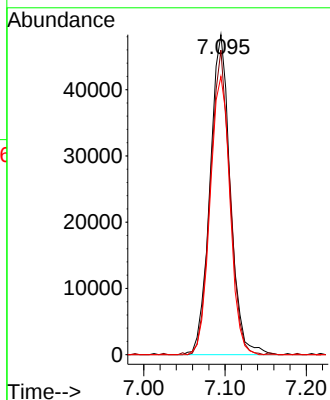
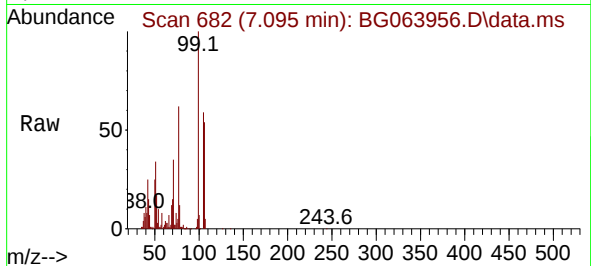




#9
Benzaldehyde
Concen: 20.935 ng
RT: 7.095 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

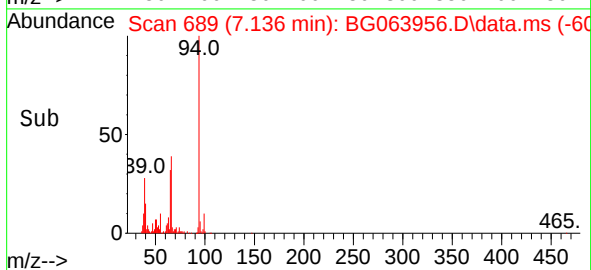
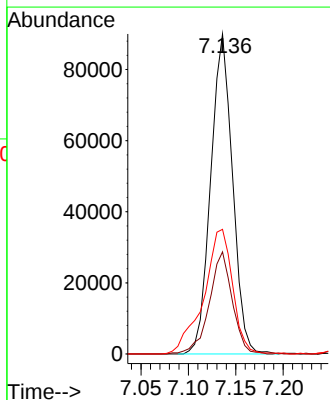
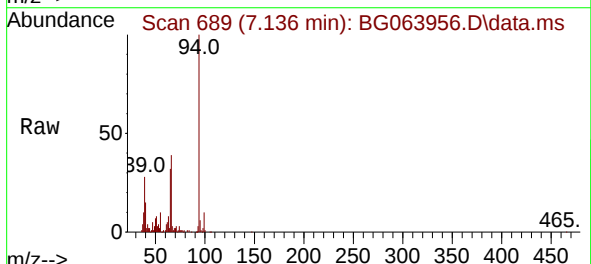
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BNA_G
ClientSampleId :

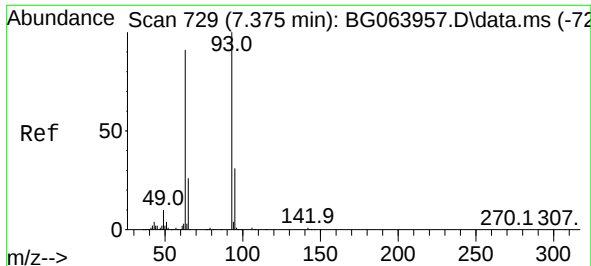
Tgt Ion: 77 Resp: 83662
Ion Ratio Lower Upper
77 100
105 95.1 73.8 113.8
106 86.9 72.5 112.5



#10
Phenol
Concen: 20.120 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.011 min
Lab File: BG063956.D
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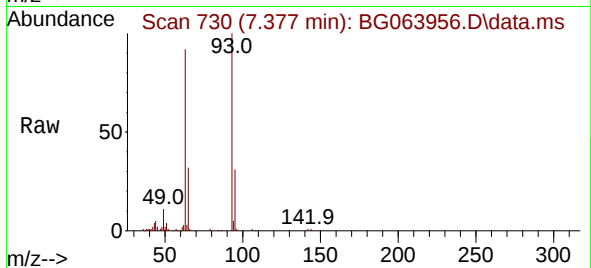
Tgt Ion: 94 Resp: 144043
Ion Ratio Lower Upper
94 100
65 31.9 9.9 49.9
66 39.0 20.5 60.5



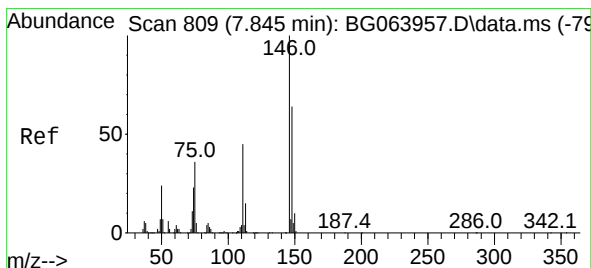
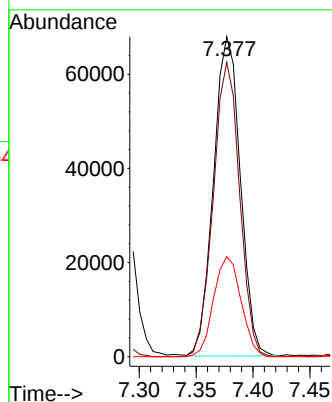
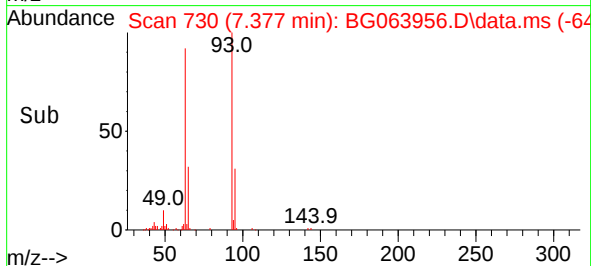


#11
bis(2-Chloroethyl)ether
Concen: 19.883 ng
RT: 7.377 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

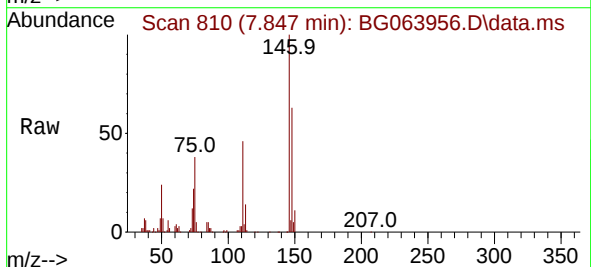
Instrument :
BNA_G
ClientSampleId :



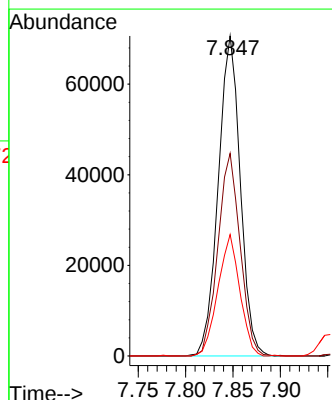
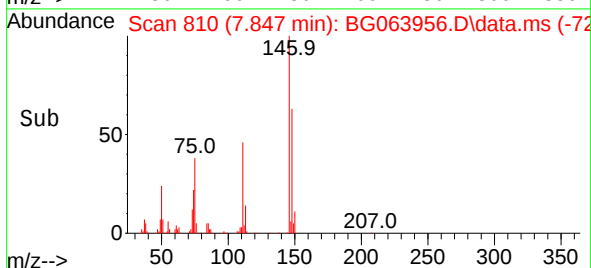
Tgt Ion: 93 Resp: 111397
Ion Ratio Lower Upper
93 100
63 92.0 70.8 110.8
95 31.2 11.0 51.0

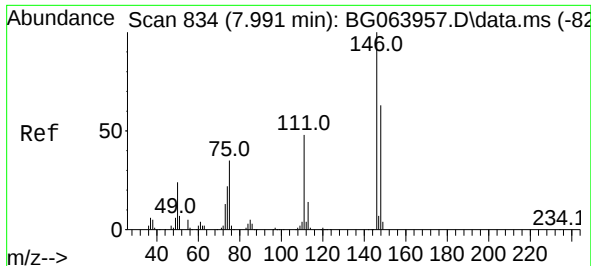


#12
1,3-Dichlorobenzene
Concen: 20.072 ng
RT: 7.847 min Scan# 810
Delta R.T. 0.001 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24



Tgt Ion:146 Resp: 114175
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 38.0 28.7 43.1

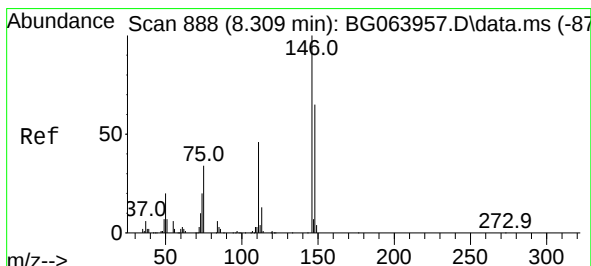
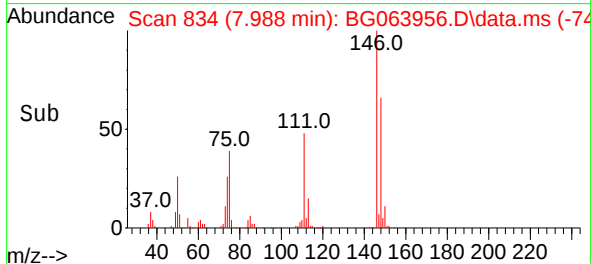
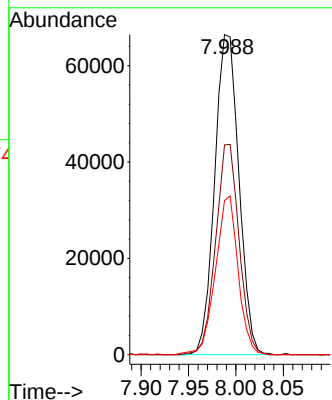
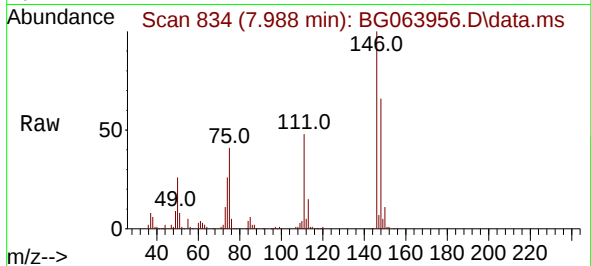




#13
1,4-Dichlorobenzene
Concen: 20.475 ng
RT: 7.988 min Scan# 834
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

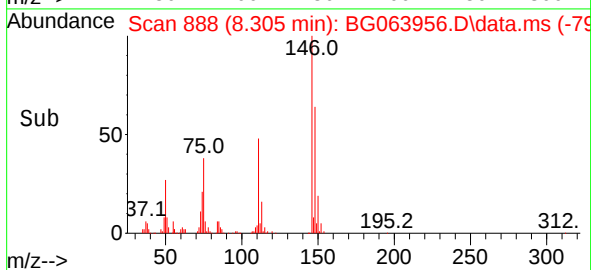
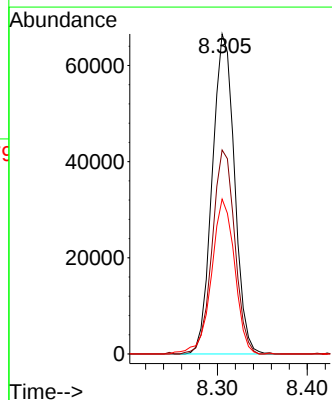
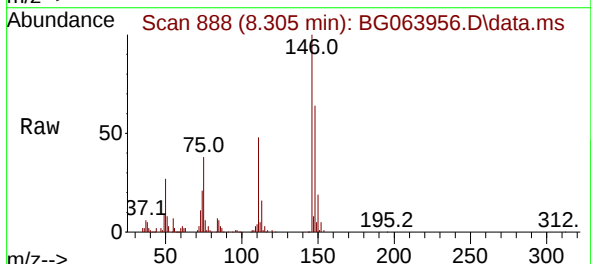
Instrument :
BNA_G
ClientSampleId :

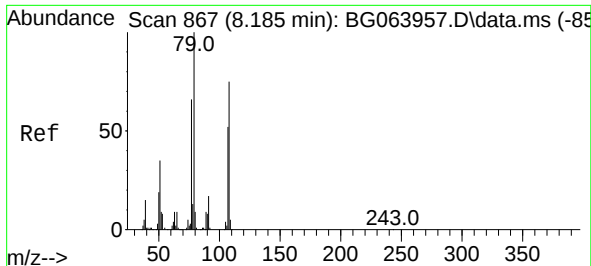
Tgt Ion:146 Resp: 118036
Ion Ratio Lower Upper
146 100
148 65.5 50.9 76.3
111 48.2 38.2 57.4



#14
1,2-Dichlorobenzene
Concen: 20.420 ng
RT: 8.305 min Scan# 888
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:146 Resp: 114392
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 48.4 37.2 55.8

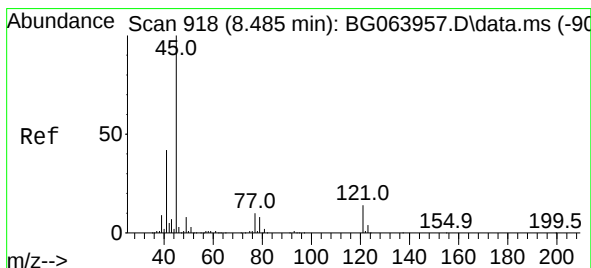
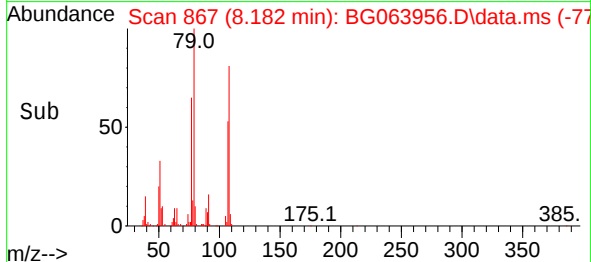
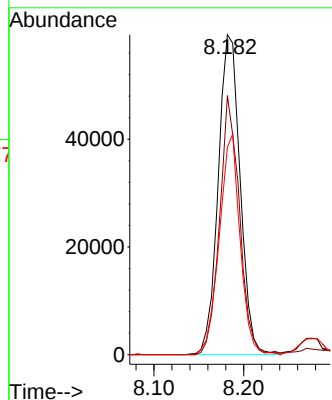
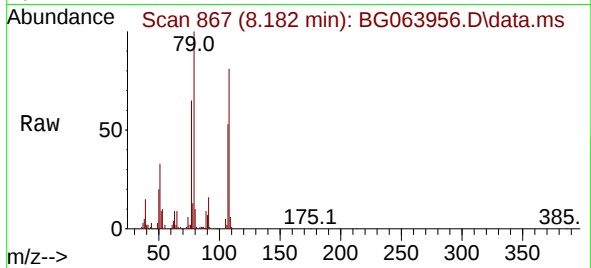




#15
Benzyl Alcohol
Concen: 20.040 ng
RT: 8.182 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

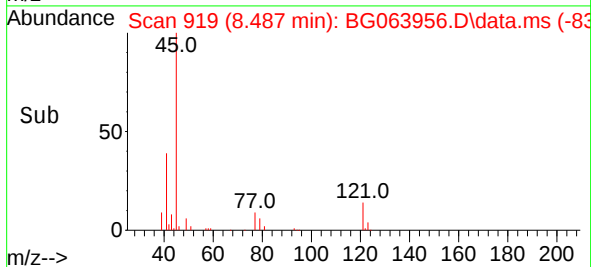
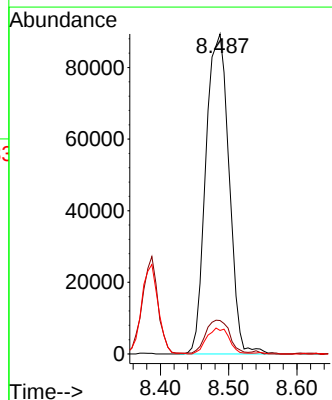
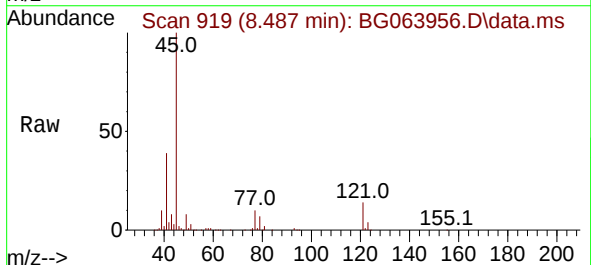
Instrument :
BNA_G
ClientSampleId :

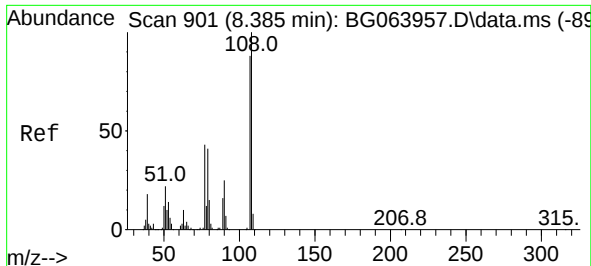
Tgt Ion: 79 Resp: 100809
Ion Ratio Lower Upper
79 100
108 81.0 59.7 89.5
77 64.8 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.403 ng
RT: 8.487 min Scan# 919
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

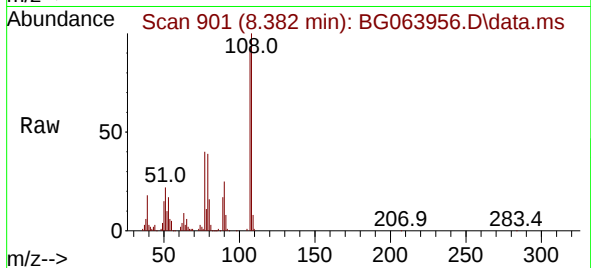
Tgt Ion: 45 Resp: 211270
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.5
79 7.4 0.0 27.9



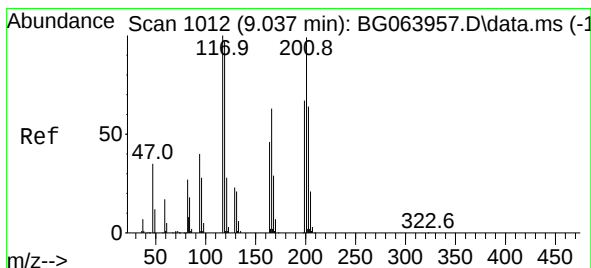
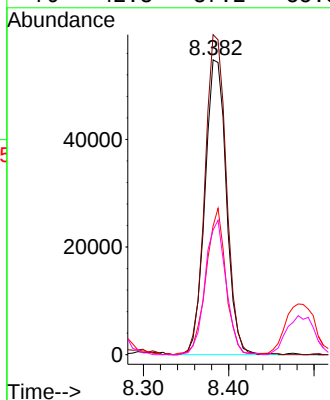
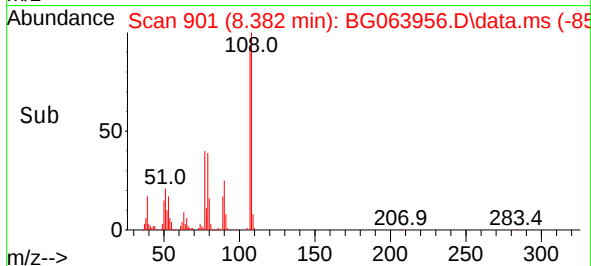


#17
2-Methylphenol
Concen: 20.503 ng
RT: 8.382 min Scan# 901
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Instrument :
BNA_G
ClientSampleId :

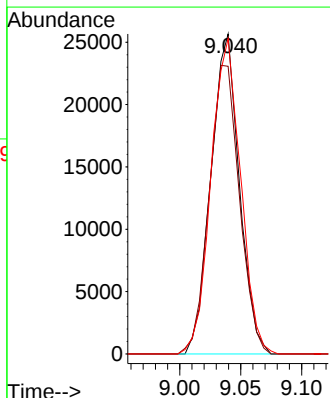
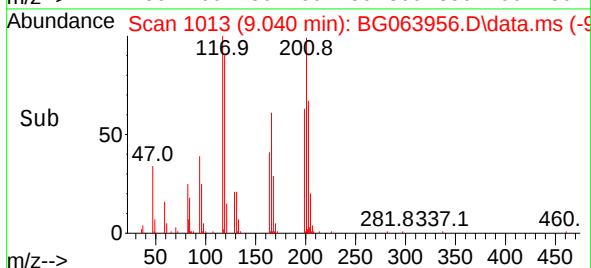
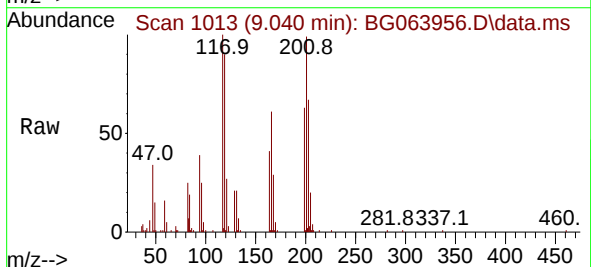


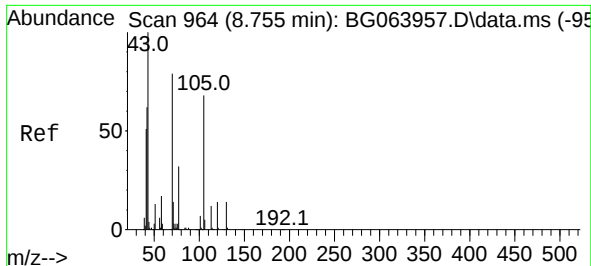
Tgt Ion:	107	Resp:	95571
Ion	Ratio	Lower	Upper
107	100		
108	108.5	91.0	136.4
77	43.6	39.4	59.2
79	42.3	37.2	55.8



#18
Hexachloroethane
Concen: 20.722 ng
RT: 9.040 min Scan# 1013
Delta R.T. 0.001 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:	117	Resp:	41662
Ion	Ratio	Lower	Upper
117	100		
119	90.7	77.7	116.5
201	98.6	81.1	121.7

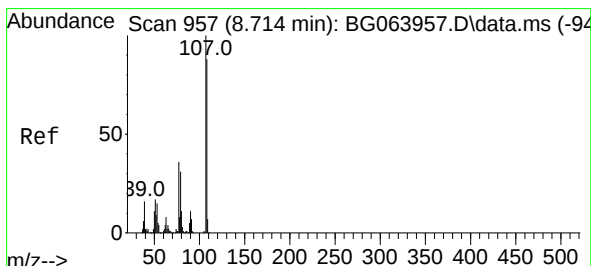
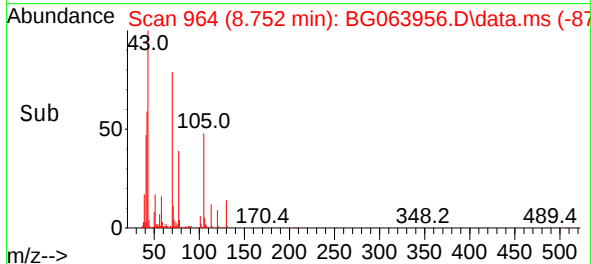
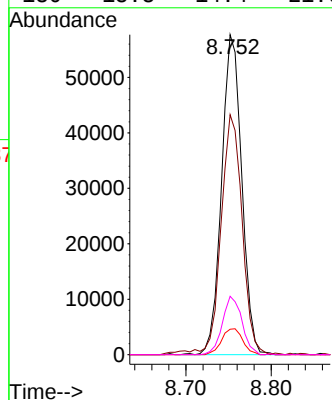
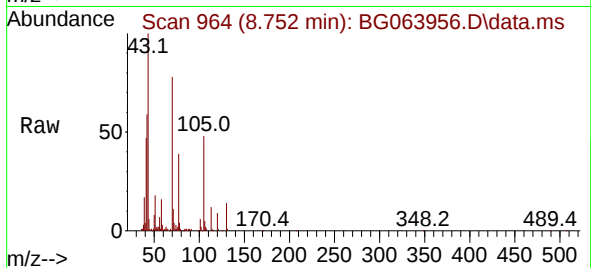




#19
n-Nitroso-di-n-propylamine
Concen: 20.749 ng
RT: 8.752 min Scan# 90
Delta R.T. -0.017 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

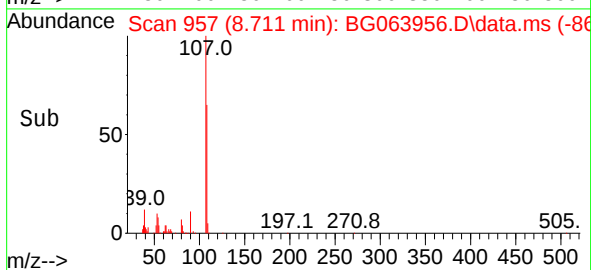
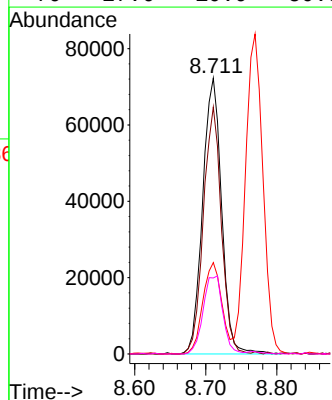
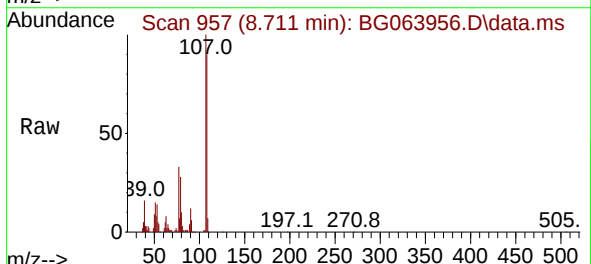
Instrument :
BNA_G
ClientSampleId :

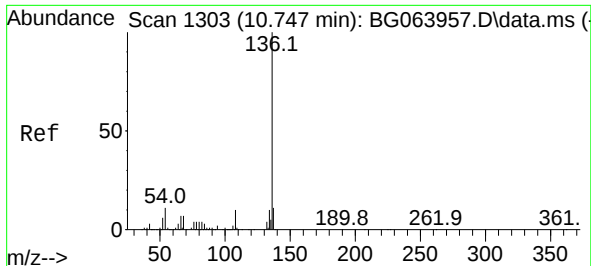
Tgt Ion: 70 Resp: 94795
Ion Ratio Lower Upper
70 100
42 75.0 62.6 93.8
101 7.9 7.4 11.2
130 18.3 14.4 21.6



#20
3+4-Methylphenols
Concen: 21.114 ng
RT: 8.711 min Scan# 957
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

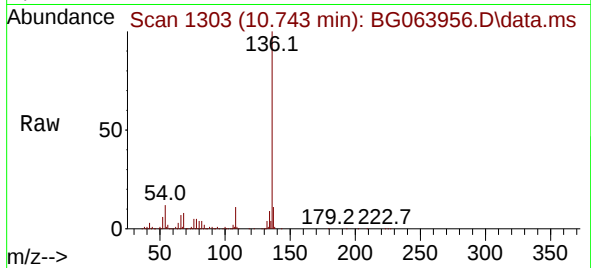
Tgt Ion:107 Resp: 134190
Ion Ratio Lower Upper
107 100
108 89.5 67.6 107.6
77 33.1 15.7 55.7
79 27.6 10.9 50.9



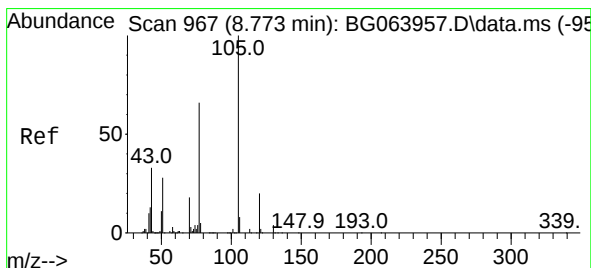
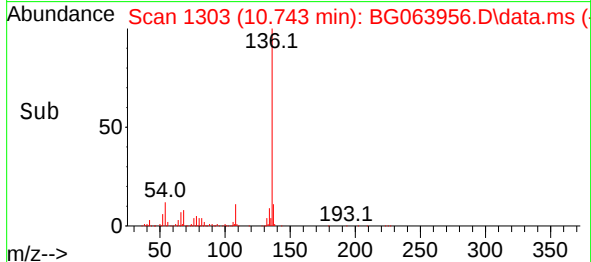
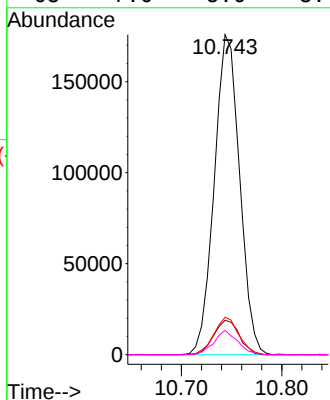


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Instrument :
BNA_G
ClientSampleId :

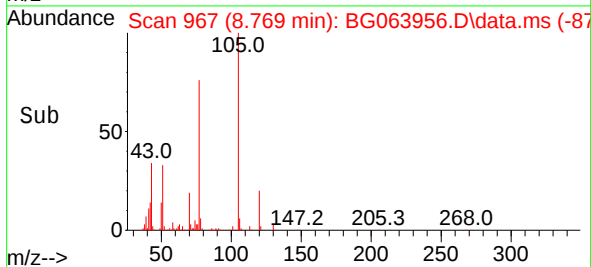
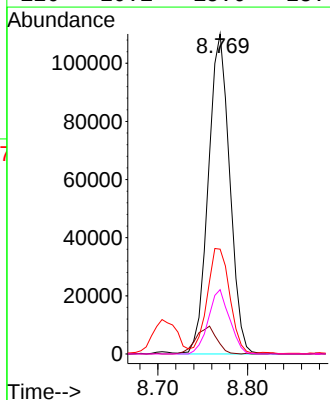
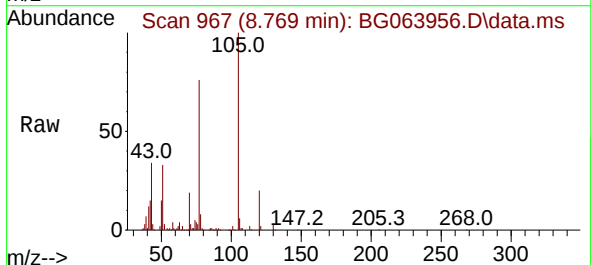


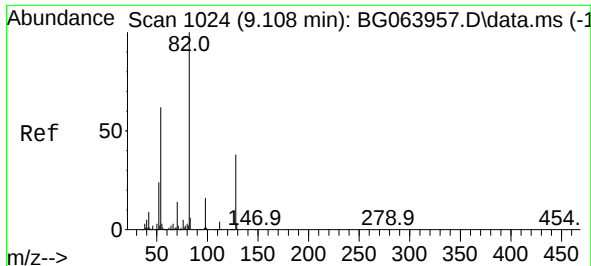
Tgt Ion:136 Resp: 308112
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 11.7 9.0 13.4
68 7.6 5.6 8.4



#22
Acetophenone
Concen: 20.477 ng
RT: 8.769 min Scan# 967
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:105 Resp: 181771
Ion Ratio Lower Upper
105 100
71 3.1 2.4 3.6
51 32.8 27.2 40.8
120 20.1 15.6 23.4





#23

Nitrobenzene-d5

Concen: 37.574 ng

RT: 9.104 min Scan# 1024

Delta R.T. -0.011 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

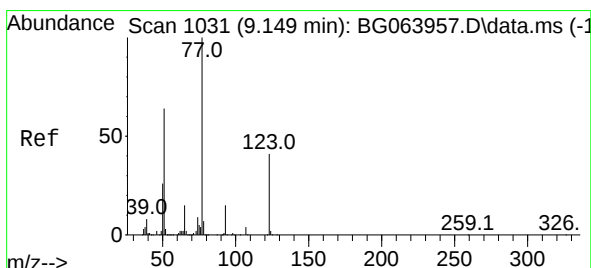
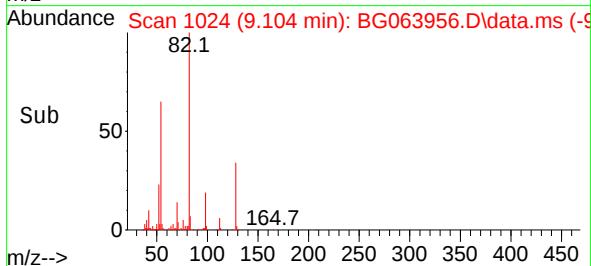
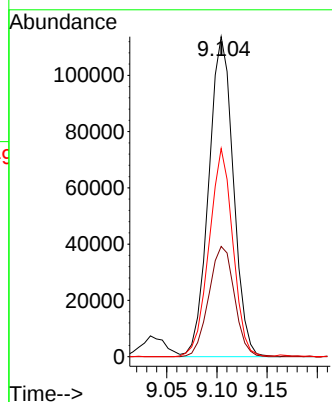
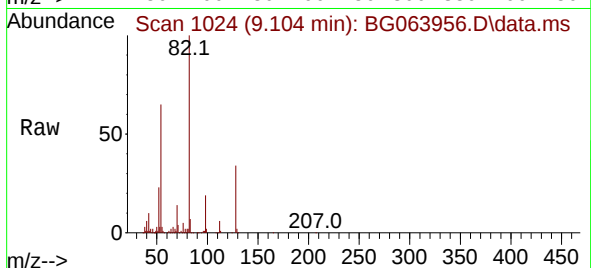
Tgt Ion: 82 Resp: 194372

Ion Ratio Lower Upper

82 100

128 34.4 30.6 45.8

54 65.1 49.0 73.6



#24

Nitrobenzene

Concen: 19.482 ng

RT: 9.145 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

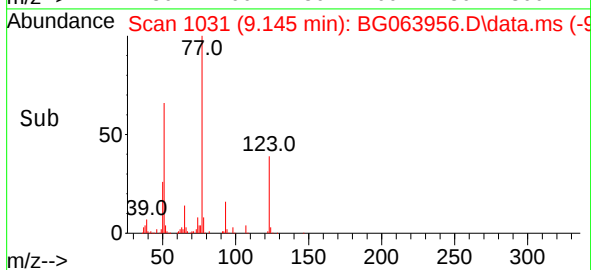
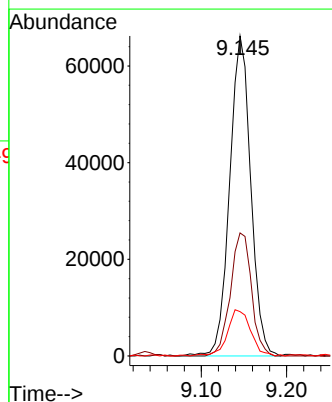
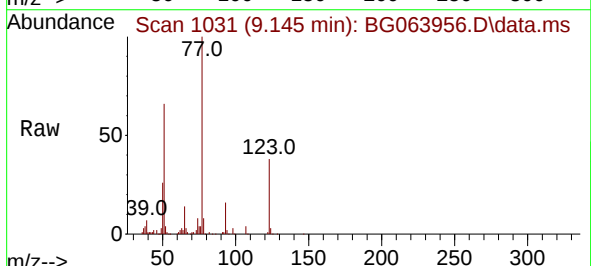
Tgt Ion: 77 Resp: 113744

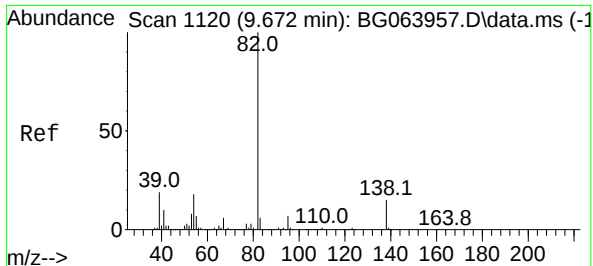
Ion Ratio Lower Upper

77 100

123 38.4 32.7 49.1

65 13.9 12.0 18.0





#25

Isophorone

Concen: 20.155 ng

RT: 9.668 min Scan# 1120

Delta R.T. -0.012 min

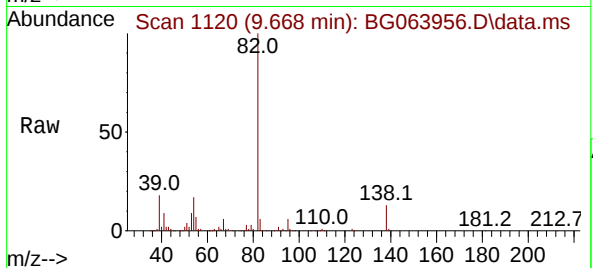
Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :



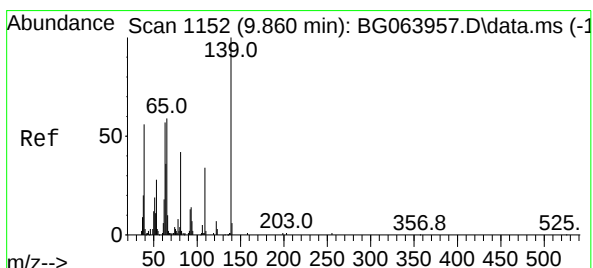
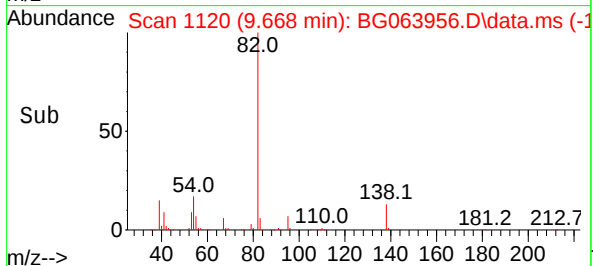
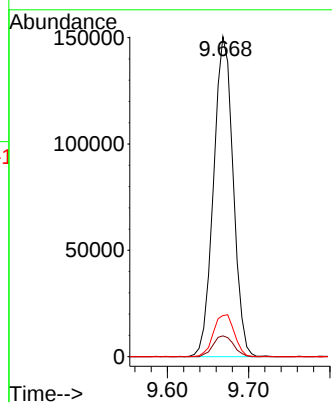
Tgt Ion: 82 Resp: 252590

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 12.8 12.2 18.4



#26

2-Nitrophenol

Concen: 18.716 ng

RT: 9.856 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

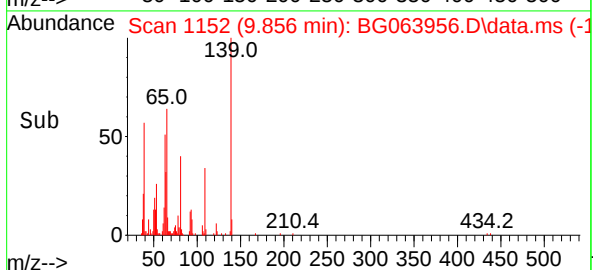
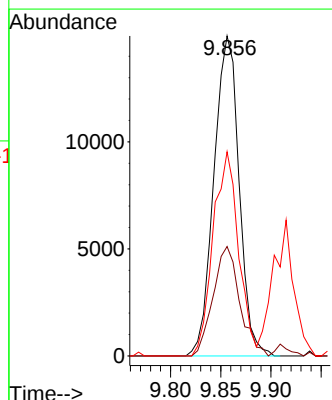
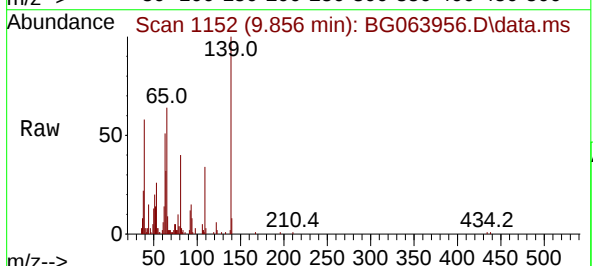
Tgt Ion:139 Resp: 26122

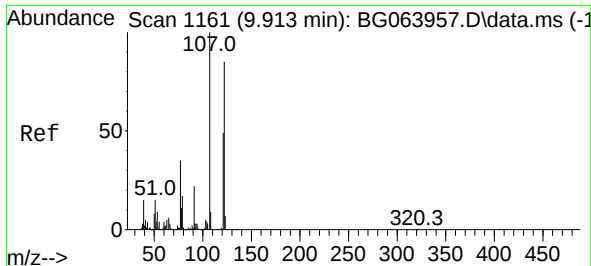
Ion Ratio Lower Upper

139 100

109 34.2 27.1 40.7

65 63.8 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 19.888 ng

RT: 9.915 min Scan# 1161

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

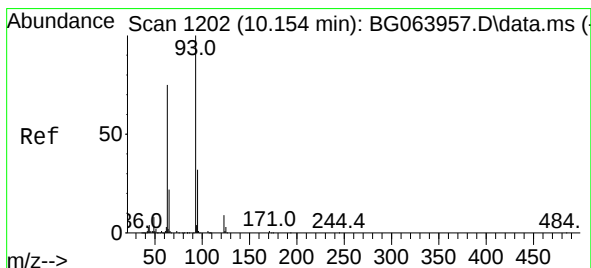
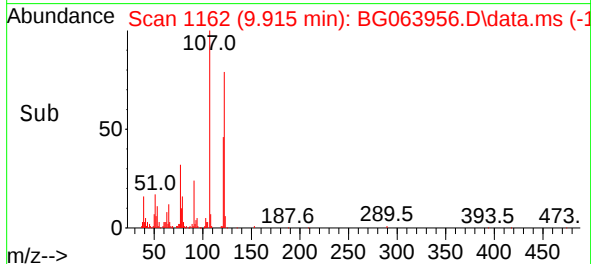
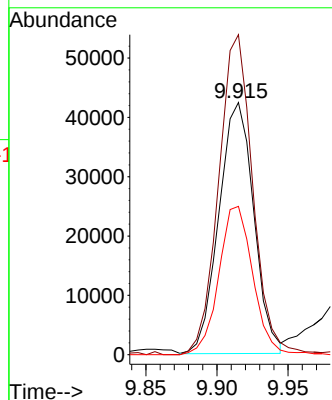
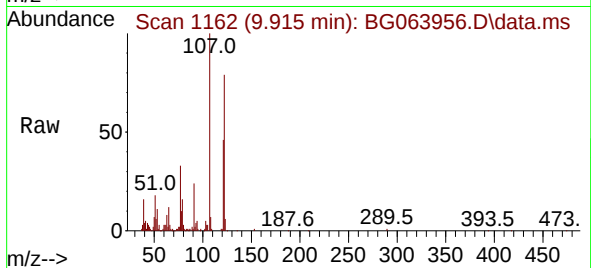
Tgt Ion:122 Resp: 72237

Ion Ratio Lower Upper

122 100

107 126.9 94.1 141.1

121 58.8 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 19.912 ng

RT: 10.156 min Scan# 1203

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

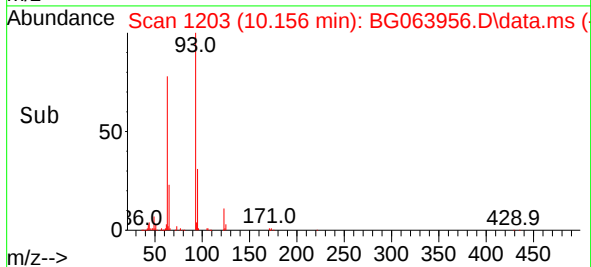
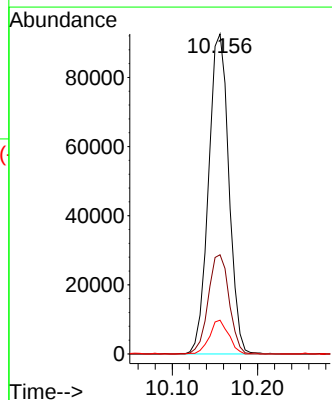
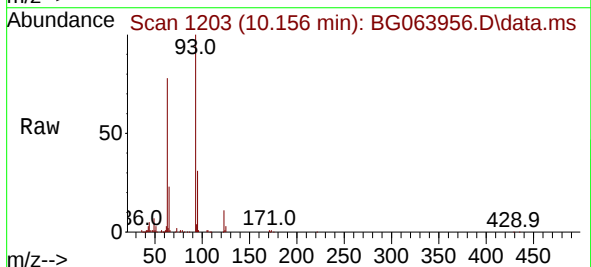
Tgt Ion: 93 Resp: 152653

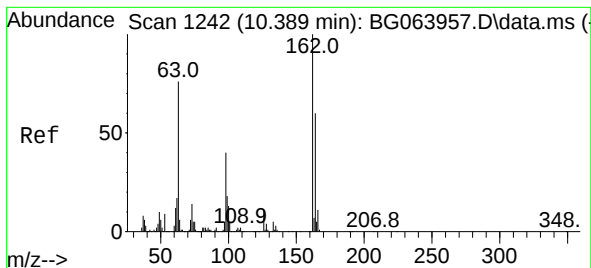
Ion Ratio Lower Upper

93 100

95 31.0 25.6 38.4

123 10.6 7.1 10.7





#29

2,4-Dichlorophenol

Concen: 20.077 ng

RT: 10.385 min Scan# 11

Delta R.T. -0.005 min

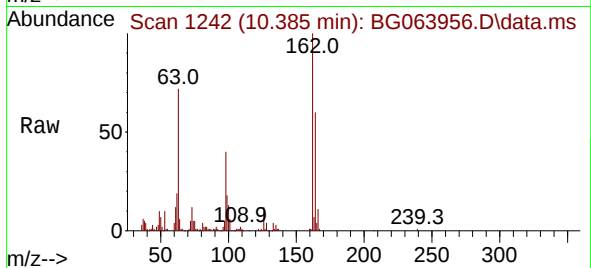
Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :



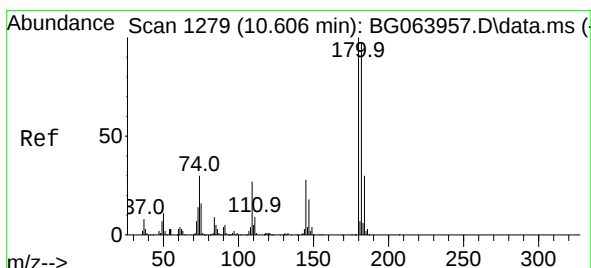
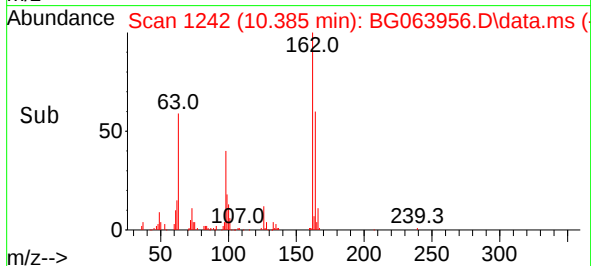
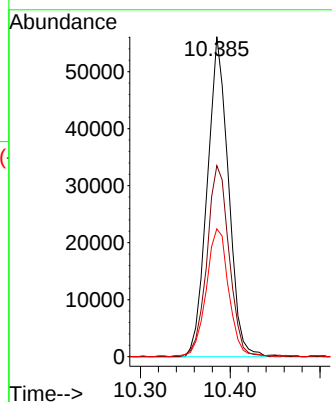
Tgt Ion:162 Resp: 91930

Ion Ratio Lower Upper

162 100

164 59.7 40.4 80.4

98 40.0 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 19.833 ng

RT: 10.608 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

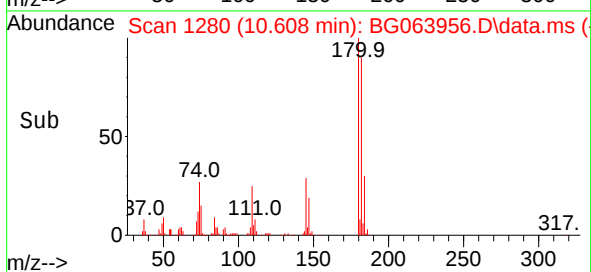
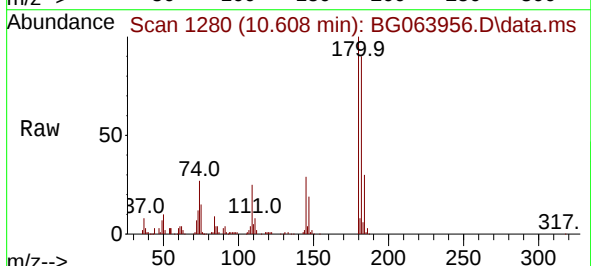
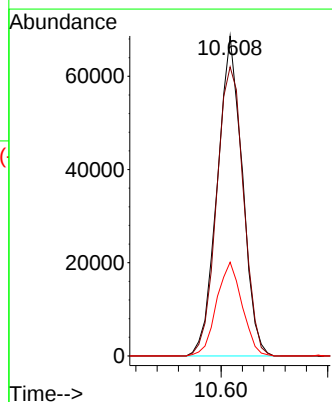
Tgt Ion:180 Resp: 111780

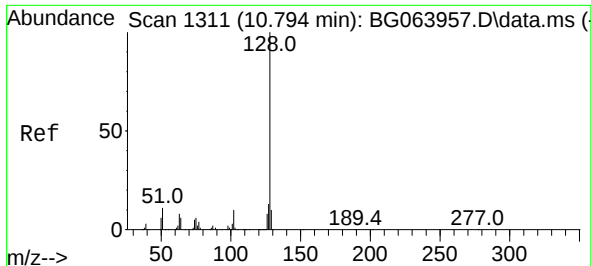
Ion Ratio Lower Upper

180 100

182 90.3 77.8 116.6

145 29.3 22.7 34.1

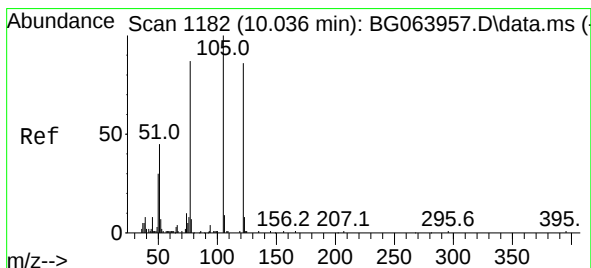
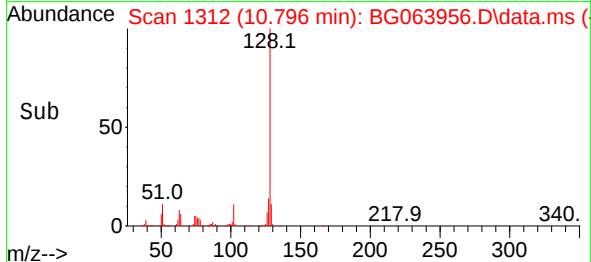
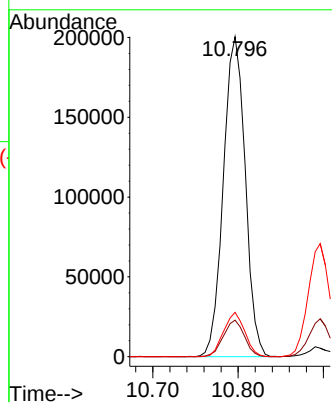
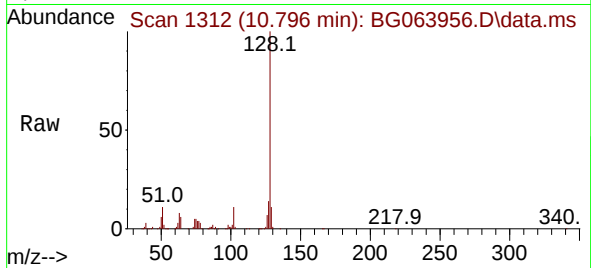




#31
Naphthalene
Concen: 20.172 ng
RT: 10.796 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

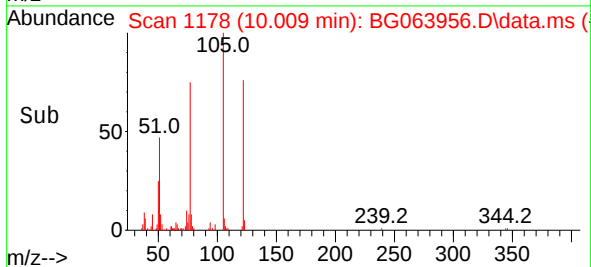
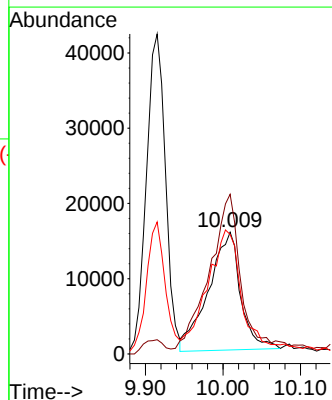
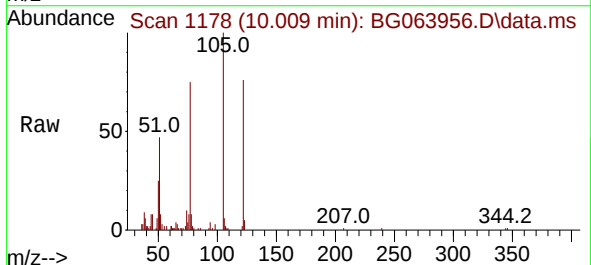
Instrument :
BNA_G
ClientSampleId :

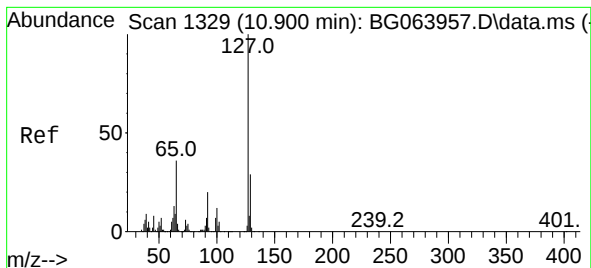
Tgt Ion:128 Resp: 356881
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 14.736 ng
RT: 10.009 min Scan# 1178
Delta R.T. -0.094 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:122 Resp: 45048
Ion Ratio Lower Upper
122 100
105 131.1 94.7 134.7
77 98.2 79.8 119.8

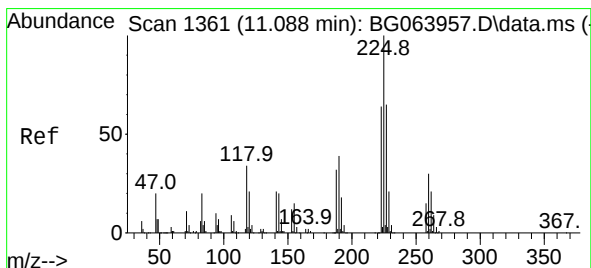
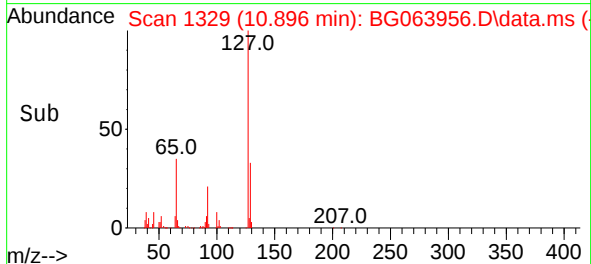
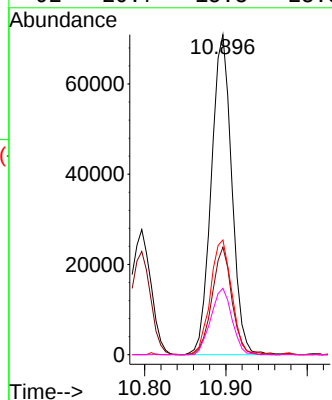
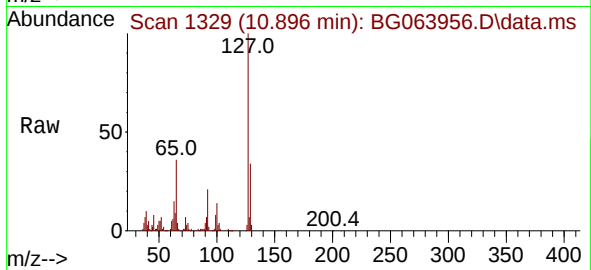




#33
4-Chloroaniline
Concen: 19.794 ng
RT: 10.896 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

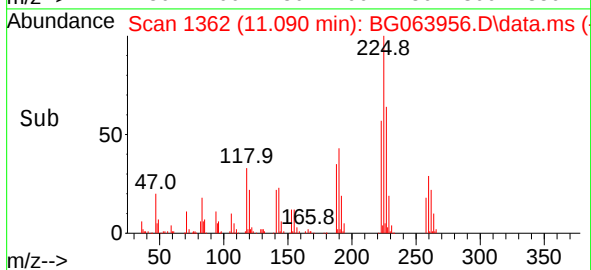
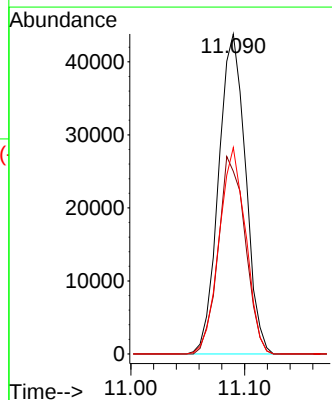
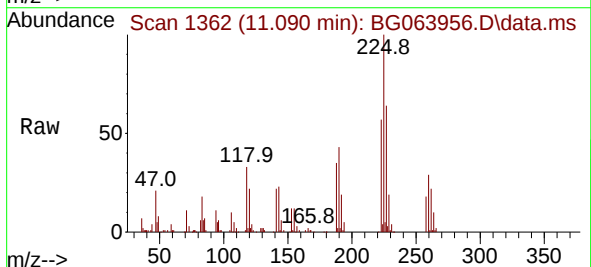
Instrument :
BNA_G
ClientSampleId :

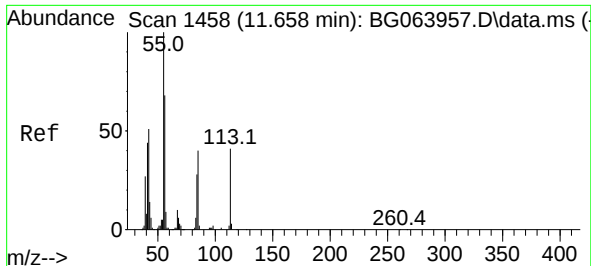
Tgt Ion:	127	Resp:	124051
Ion	Ratio	Lower	Upper
127	100		
129	33.6	23.2	34.8
65	35.8	28.6	42.8
92	20.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 19.667 ng
RT: 11.090 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:	225	Resp:	72174
Ion	Ratio	Lower	Upper
225	100		
223	57.1	50.8	76.2
227	64.5	51.7	77.5





#35

Caprolactam

Concen: 20.325 ng

RT: 11.642 min Scan# 1456

Delta R.T. -0.053 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

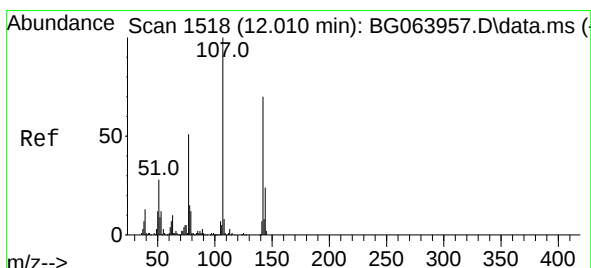
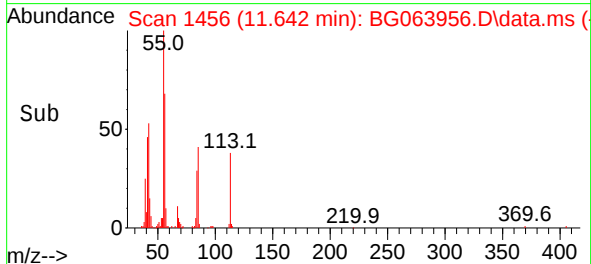
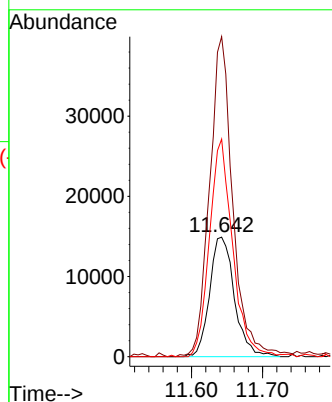
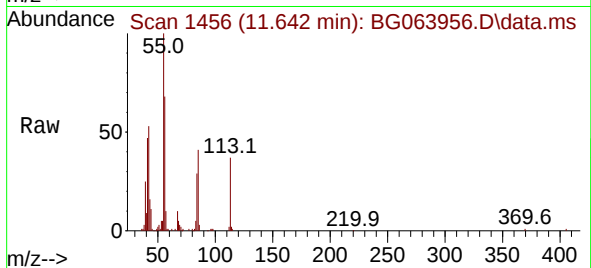
Tgt Ion:113 Resp: 36088

Ion Ratio Lower Upper

113 100

55 267.8 223.0 263.0#

56 182.1 144.3 184.3



#36

4-Chloro-3-methylphenol

Concen: 19.569 ng

RT: 12.007 min Scan# 1518

Delta R.T. -0.017 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

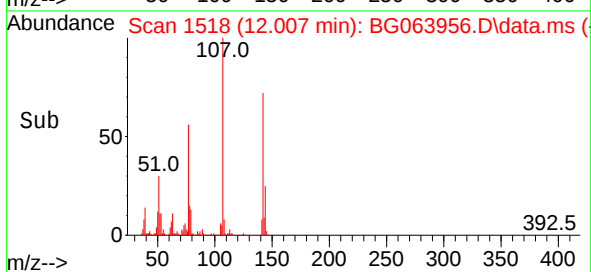
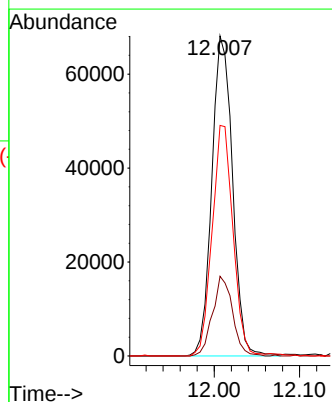
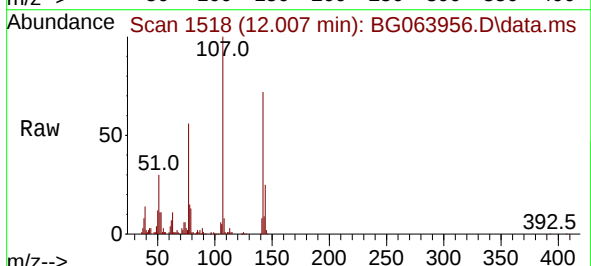
Tgt Ion:107 Resp: 115109

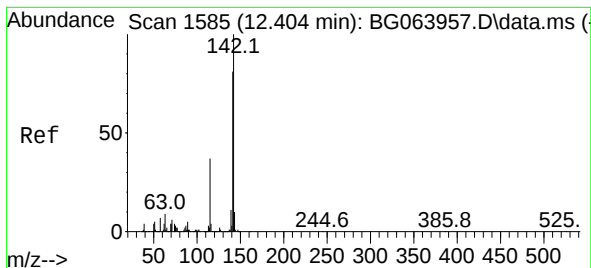
Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

142 72.1 56.1 84.1

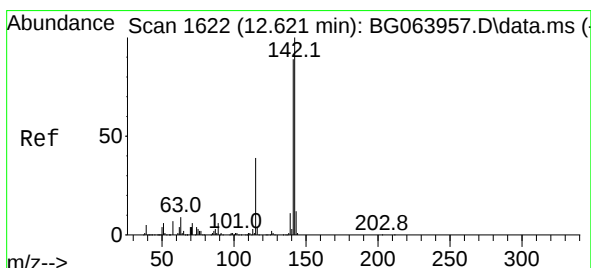
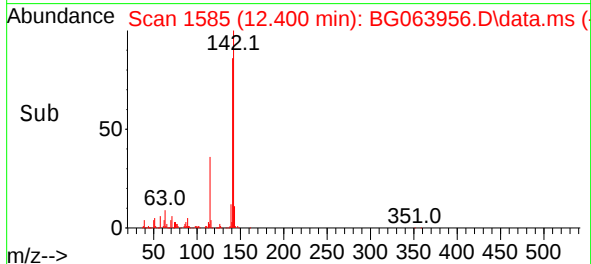
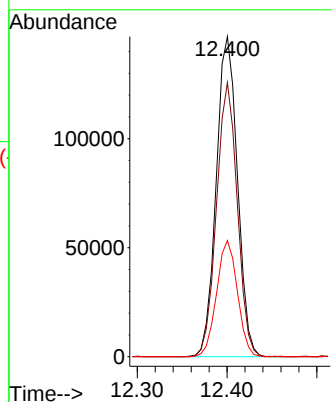
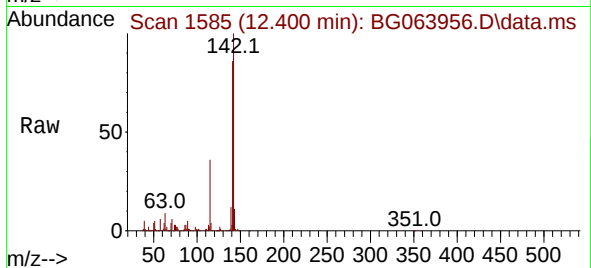




#37
2-Methylnaphthalene
Concen: 20.235 ng
RT: 12.400 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

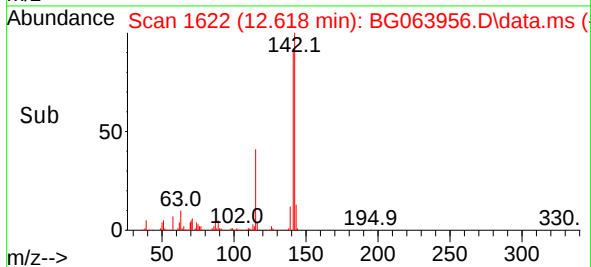
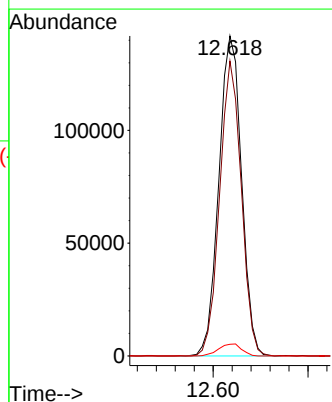
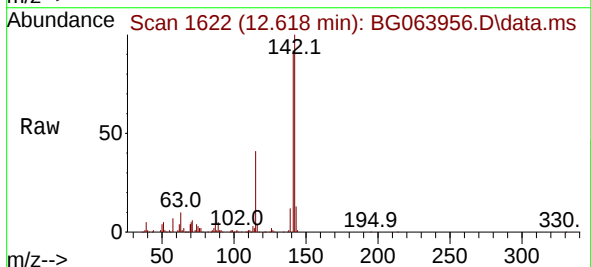
Instrument :
BNA_G
ClientSampleId :

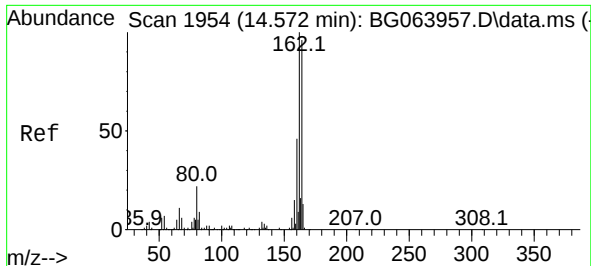
Tgt Ion:142 Resp: 240729
Ion Ratio Lower Upper
142 100
141 85.6 64.6 97.0
115 36.3 29.5 44.3



#38
1-Methylnaphthalene
Concen: 19.788 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:142 Resp: 235665
Ion Ratio Lower Upper
142 100
141 92.2 71.3 106.9
116 3.6 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

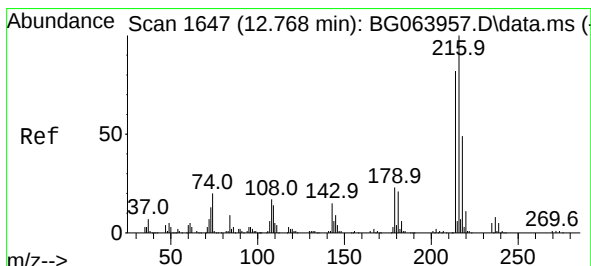
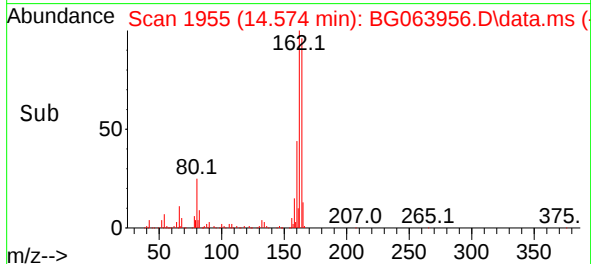
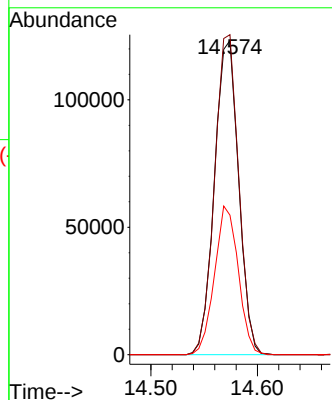
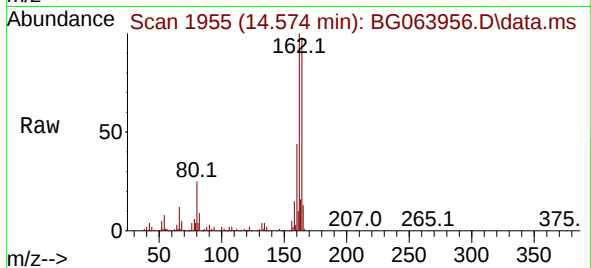
Tgt Ion:164 Resp: 193969

Ion Ratio Lower Upper

164 100

162 101.9 83.8 125.6

160 44.4 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.738 ng

RT: 12.765 min Scan# 1647

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Tgt Ion:216 Resp: 119115

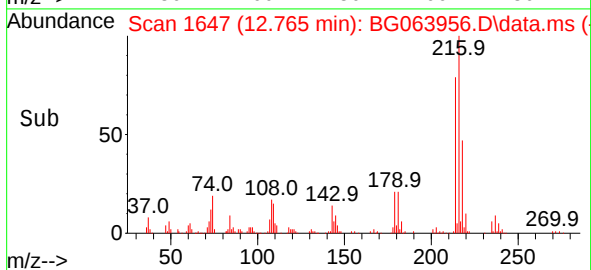
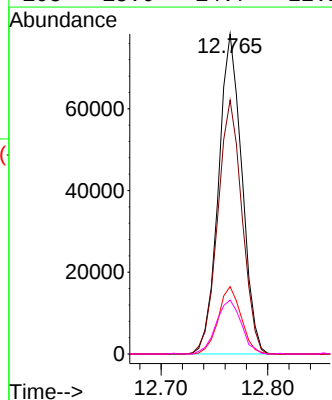
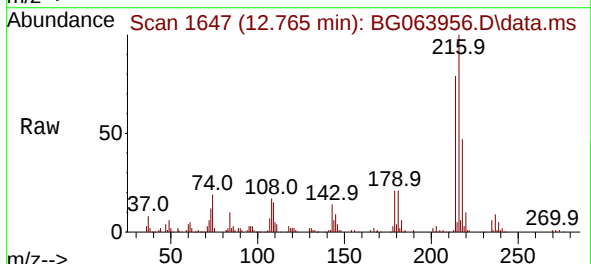
Ion Ratio Lower Upper

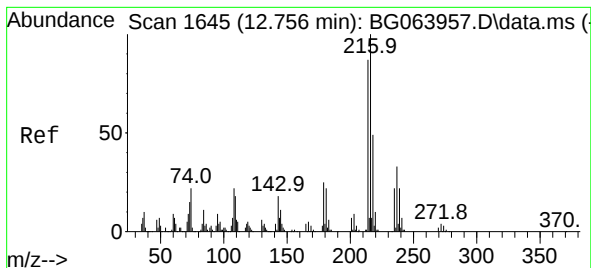
216 100

214 82.1 65.0 97.6

179 20.6 17.5 26.3

108 18.0 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 18.374 ng

RT: 12.753 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

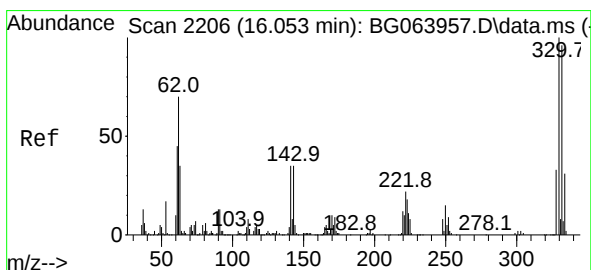
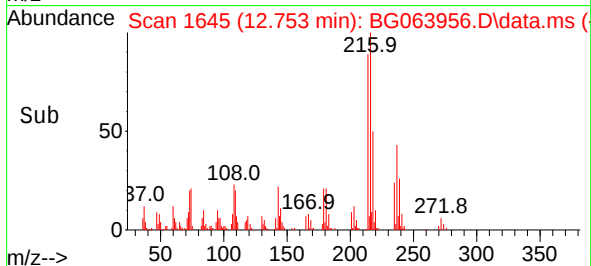
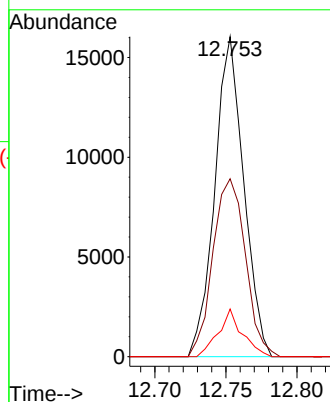
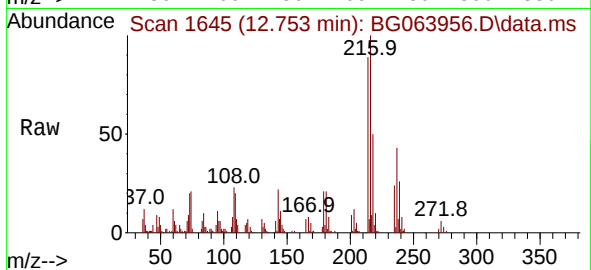
Tgt Ion:237 Resp: 22749

Ion Ratio Lower Upper

237 100

235 55.6 45.5 85.5

272 14.9 0.0 30.6



#42

2,4,6-Tribromophenol

Concen: 39.297 ng

RT: 16.055 min Scan# 2207

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

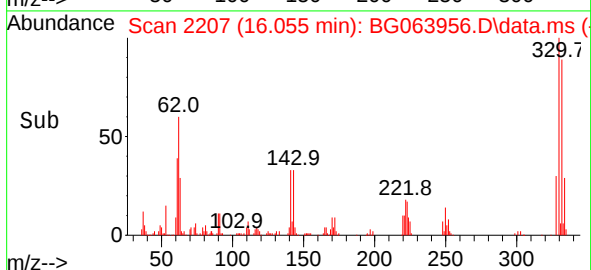
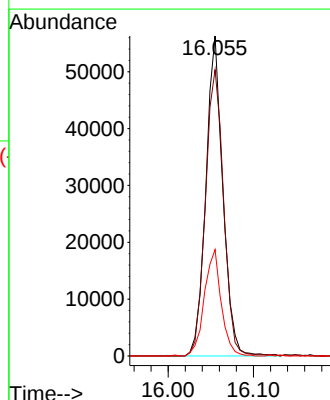
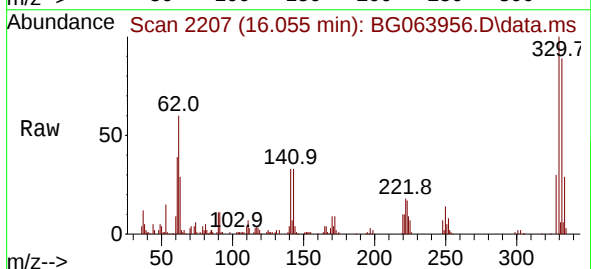
Tgt Ion:330 Resp: 77859

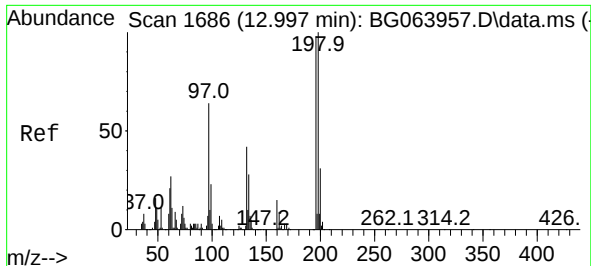
Ion Ratio Lower Upper

330 100

332 95.8 79.4 119.0

141 33.1 27.4 41.2





#43

2,4,6-Trichlorophenol

Concen: 19.717 ng

RT: 13.000 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

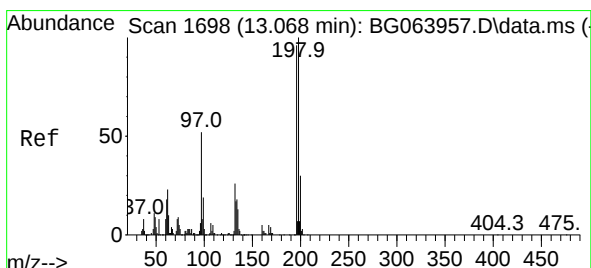
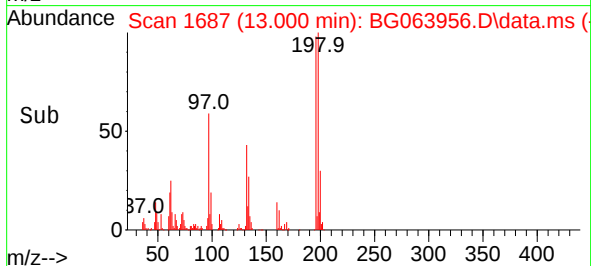
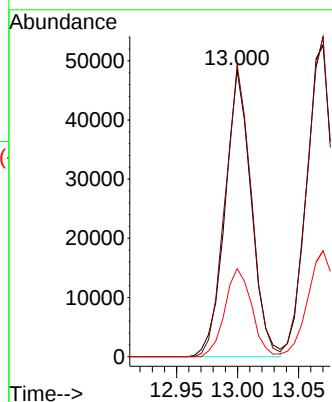
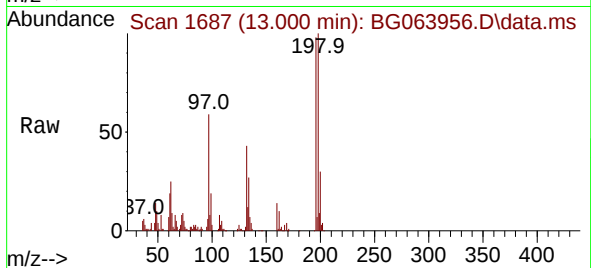
Tgt Ion:196 Resp: 72457

Ion Ratio Lower Upper

196 100

198 102.0 81.7 122.5

200 30.8 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 19.527 ng

RT: 13.070 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Tgt Ion:196 Resp: 82711

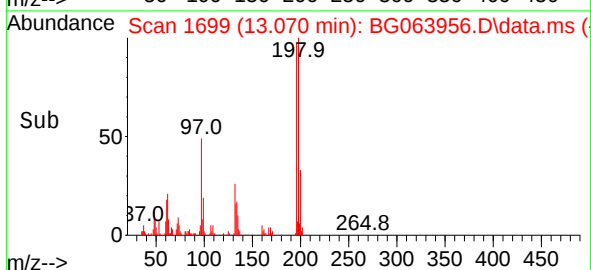
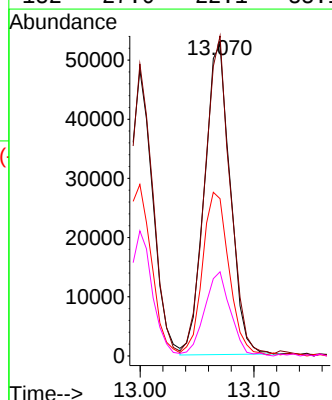
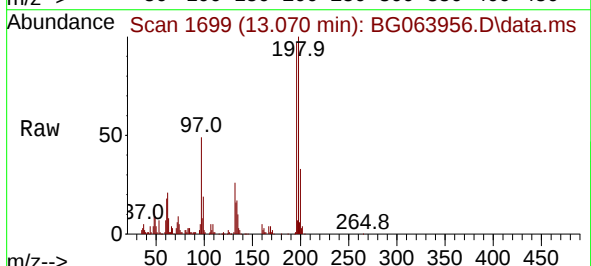
Ion Ratio Lower Upper

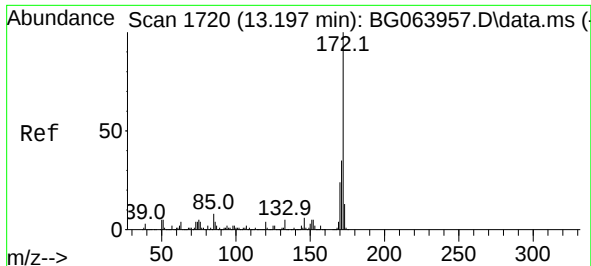
196 100

198 102.7 83.4 125.2

97 50.4 43.8 65.6

132 27.0 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 40.628 ng

RT: 13.199 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

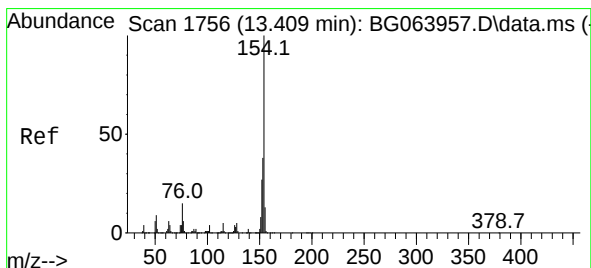
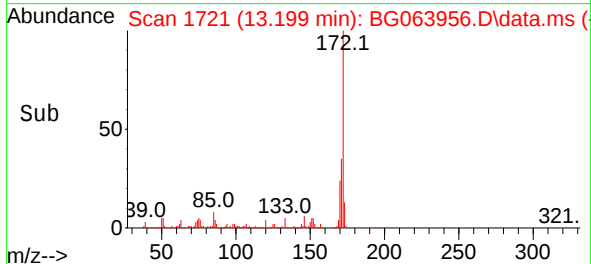
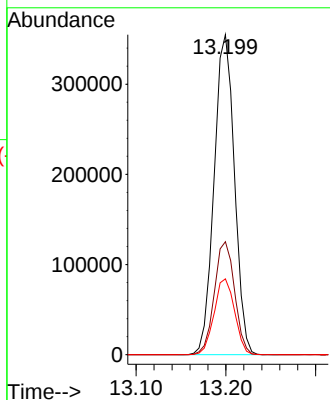
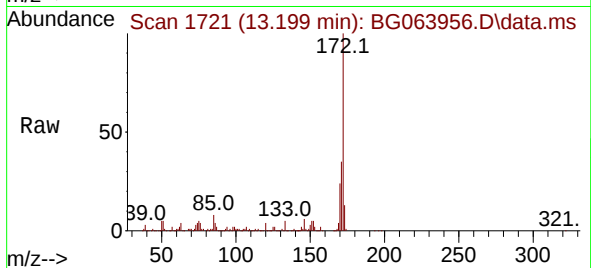
Tgt Ion:172 Resp: 557607

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

170 23.7 19.3 28.9



#46

1,1'-Biphenyl

Concen: 20.037 ng

RT: 13.411 min Scan# 1757

Delta R.T. 0.001 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

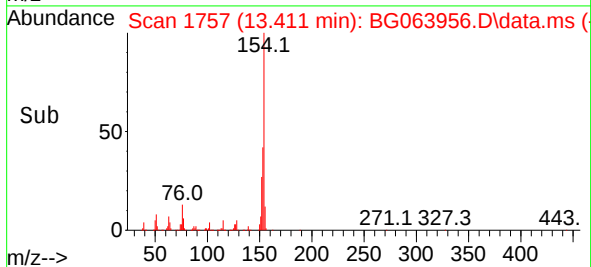
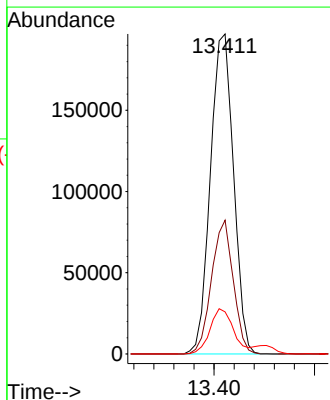
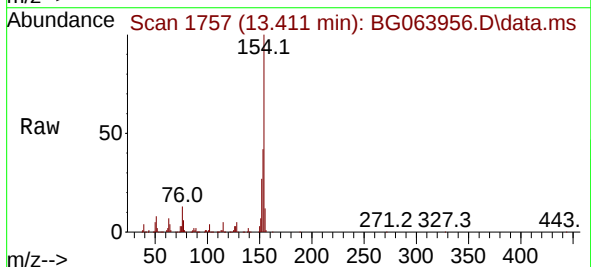
Tgt Ion:154 Resp: 314914

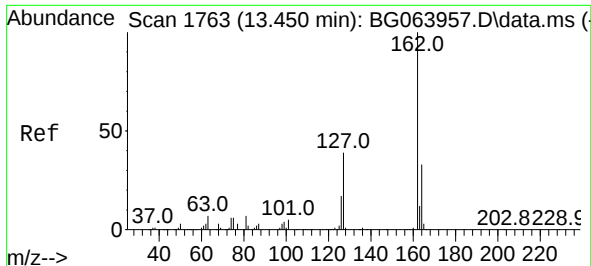
Ion Ratio Lower Upper

154 100

153 41.8 18.3 58.3

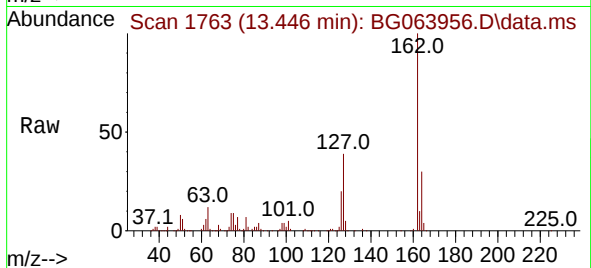
76 13.2 0.0 34.7



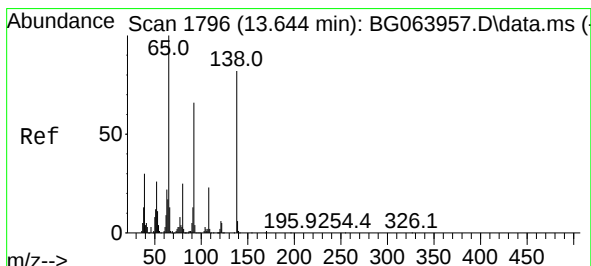
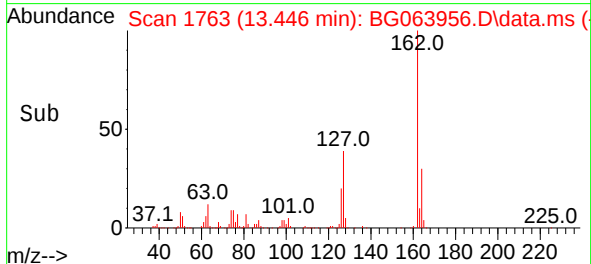
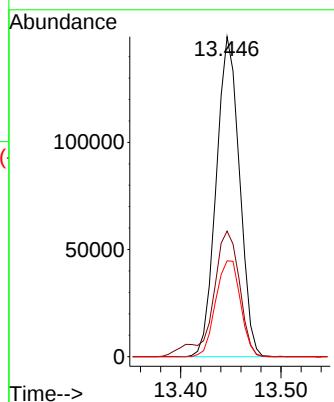


#47
2-Chloronaphthalene
Concen: 19.879 ng
RT: 13.446 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Instrument :
BNA_G
ClientSampleId :

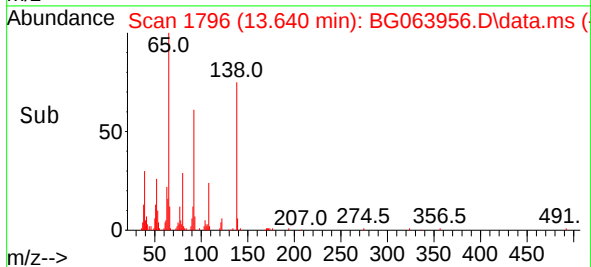
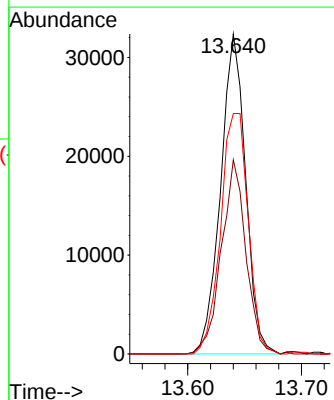
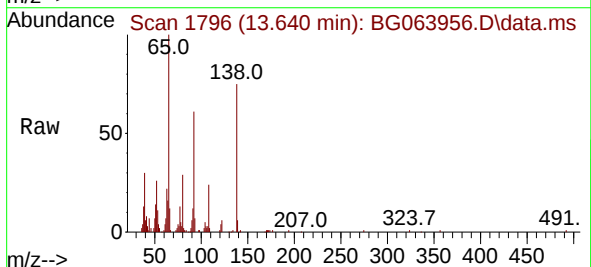


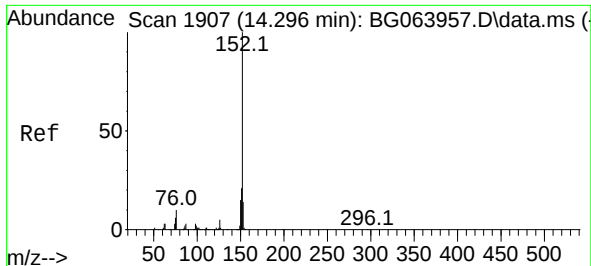
Tgt Ion:162 Resp: 240104
Ion Ratio Lower Upper
162 100
127 39.3 33.0 49.6
164 30.0 26.3 39.5



#48
2-Nitroaniline
Concen: 17.537 ng
RT: 13.640 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion: 65 Resp: 49353
Ion Ratio Lower Upper
65 100
92 60.6 52.4 78.6
138 75.1 65.8 98.6





#49

Acenaphthylene

Concen: 20.046 ng

RT: 14.292 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

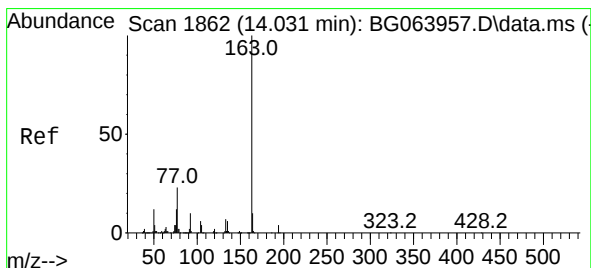
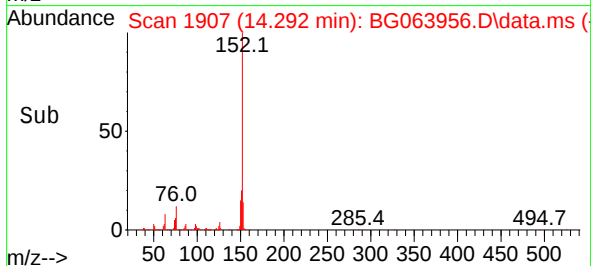
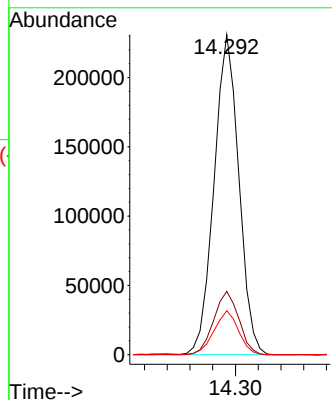
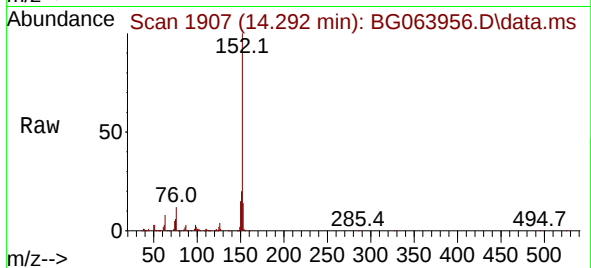
Tgt Ion:152 Resp: 349019

Ion Ratio Lower Upper

152 100

151 19.8 16.6 24.8

153 13.8 11.2 16.8



#50

Dimethylphthalate

Concen: 19.862 ng

RT: 14.028 min Scan# 1862

Delta R.T. -0.011 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

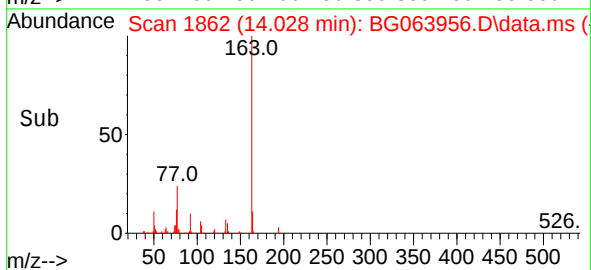
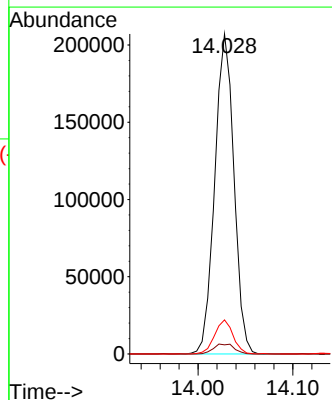
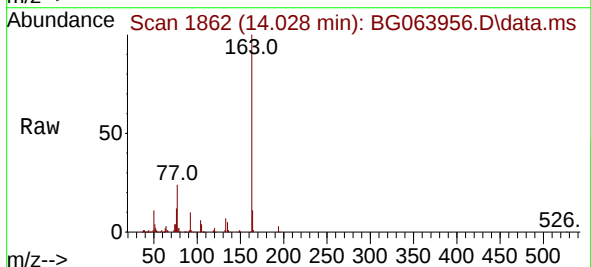
Tgt Ion:163 Resp: 291543

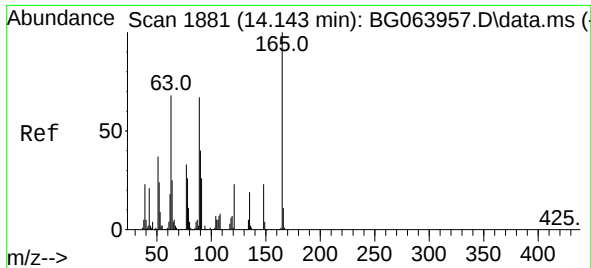
Ion Ratio Lower Upper

163 100

194 2.8 2.9 4.3#

164 10.7 8.1 12.1

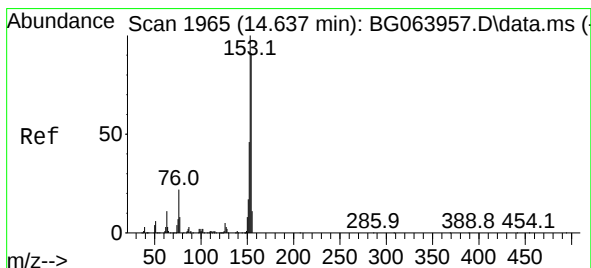
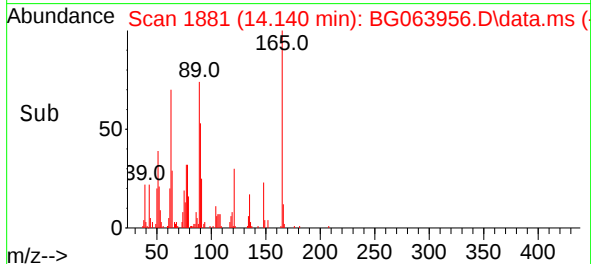
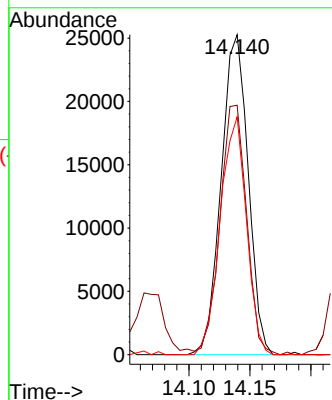
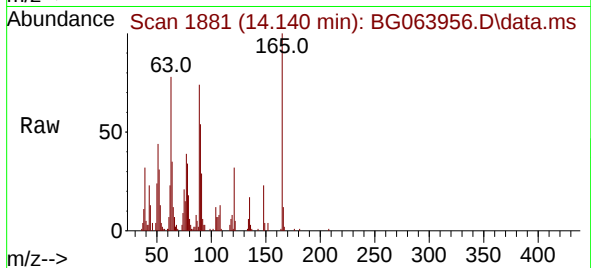




#51
2,6-Dinitrotoluene
Concen: 17.678 ng
RT: 14.140 min Scan# 1881
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

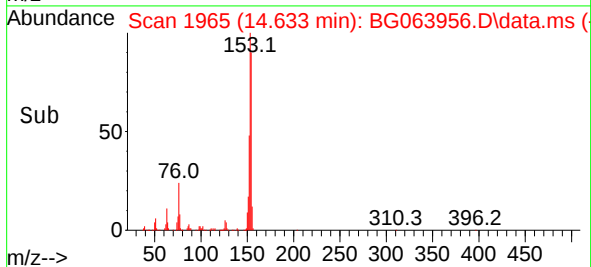
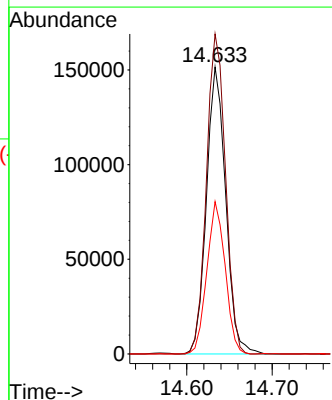
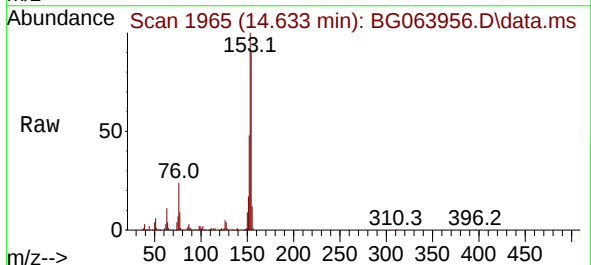
Instrument :
BNA_G
ClientSampleId :

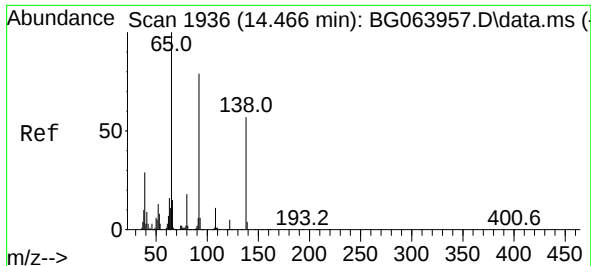
Tgt Ion:165 Resp: 38798
Ion Ratio Lower Upper
165 100
63 77.9 62.2 93.2
89 74.4 53.8 80.6



#52
Acenaphthene
Concen: 19.842 ng
RT: 14.633 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:154 Resp: 237908
Ion Ratio Lower Upper
154 100
153 111.5 87.6 131.4
152 53.1 40.6 61.0

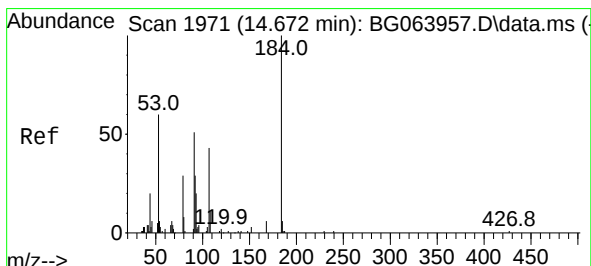
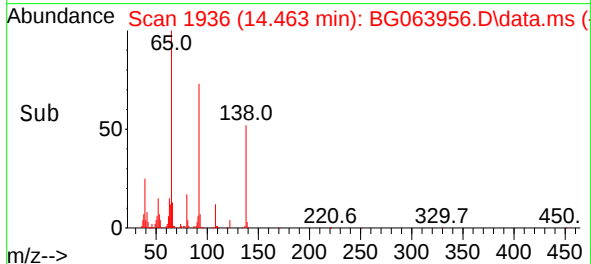
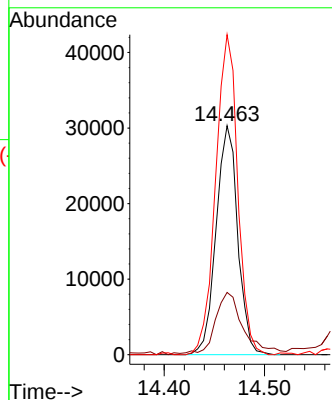
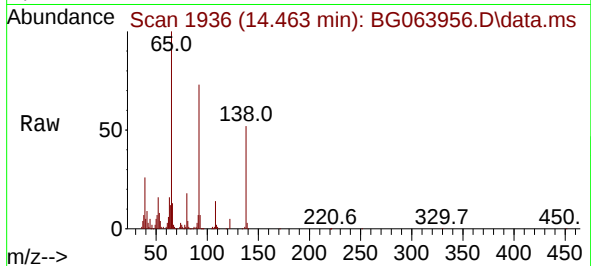




#53
3-Nitroaniline
Concen: 18.064 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

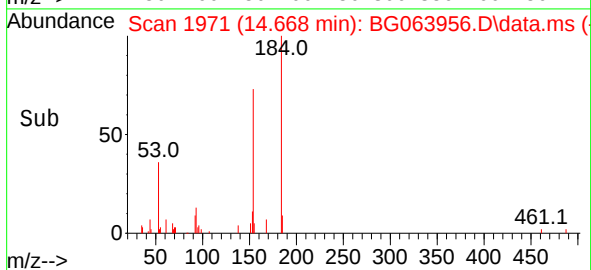
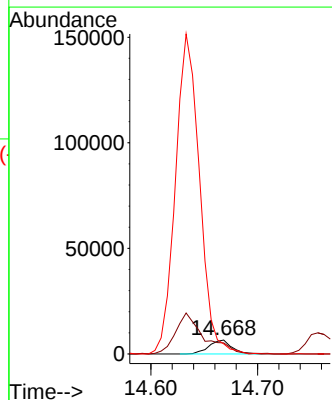
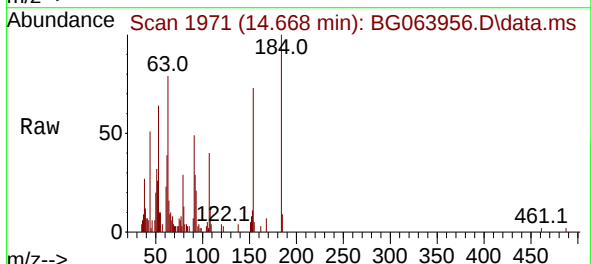
Instrument :
BNA_G
ClientSampleId :

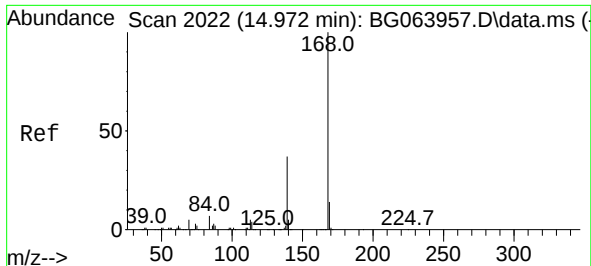
Tgt Ion:138 Resp: 45367
Ion Ratio Lower Upper
138 100
108 27.2 16.5 24.7#
92 139.7 112.0 168.0



#54
2,4-Dinitrophenol
Concen: 19.277 ng
RT: 14.668 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:184 Resp: 9842
Ion Ratio Lower Upper
184 100
63 79.4 57.3 85.9
154 73.1 49.3 73.9

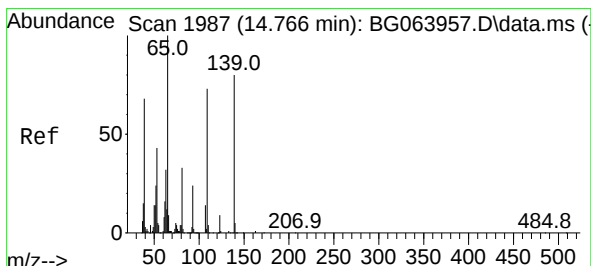
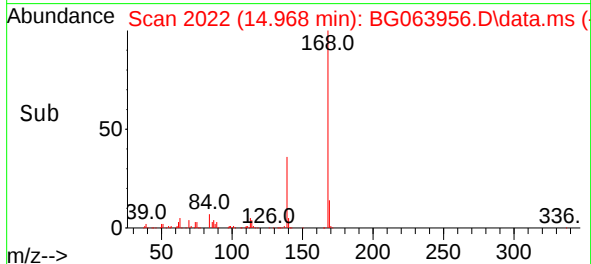
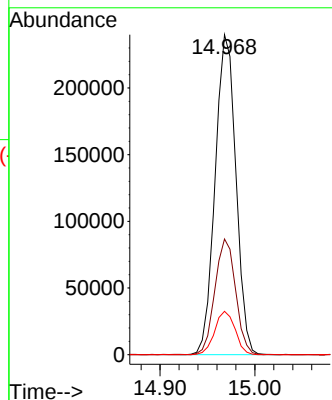
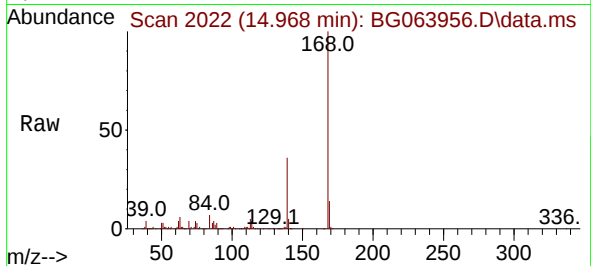




#55
Dibenzenofuran
Concen: 19.941 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

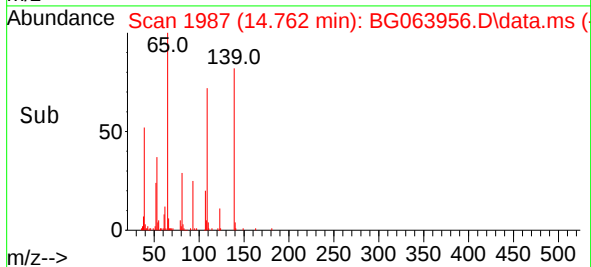
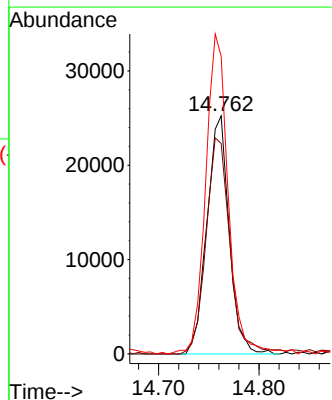
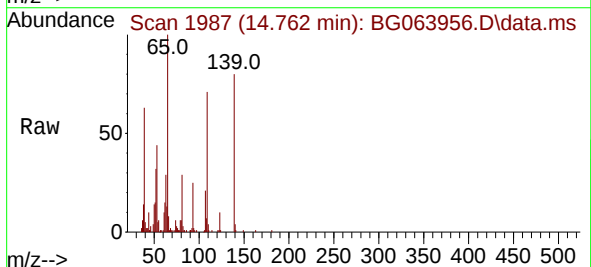
Instrument :
BNA_G
ClientSampleId :

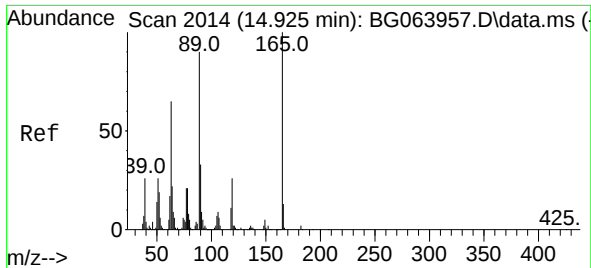
Tgt Ion:168 Resp: 365562
Ion Ratio Lower Upper
168 100
139 36.2 29.7 44.5
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 18.424 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

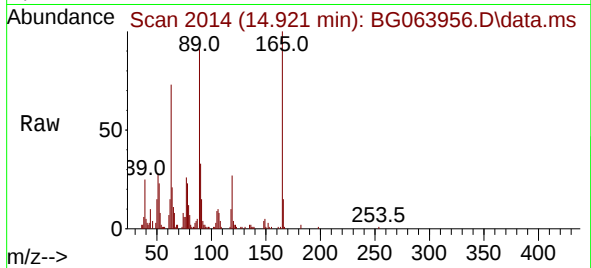
Tgt Ion:139 Resp: 38858
Ion Ratio Lower Upper
139 100
109 88.5 71.3 111.3
65 125.1 105.8 145.8



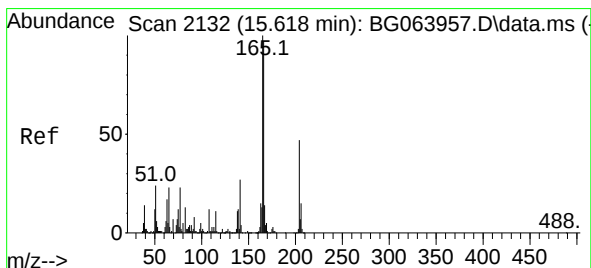
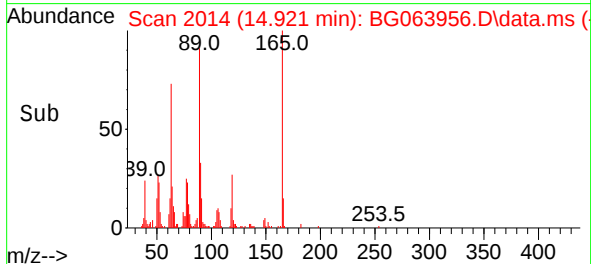
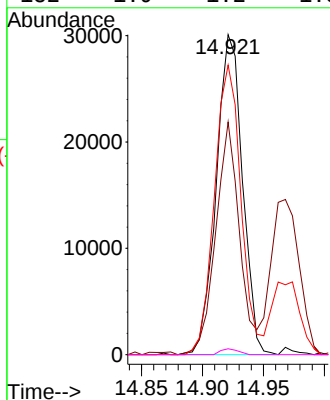


#57
2,4-Dinitrotoluene
Concen: 17.212 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Instrument :
BNA_G
ClientSampleId :

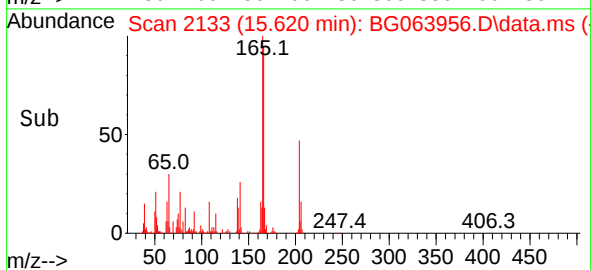
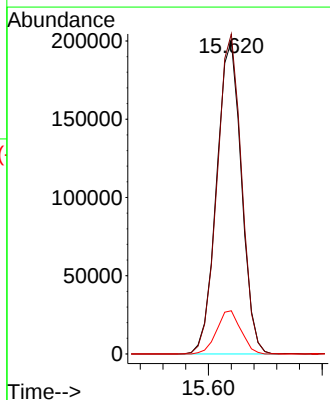
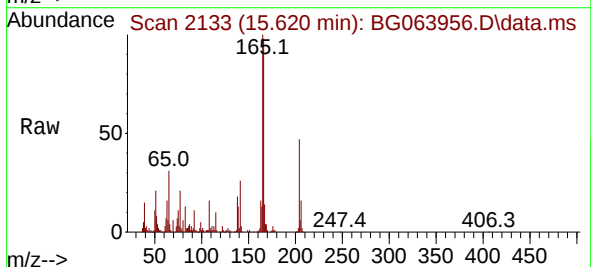


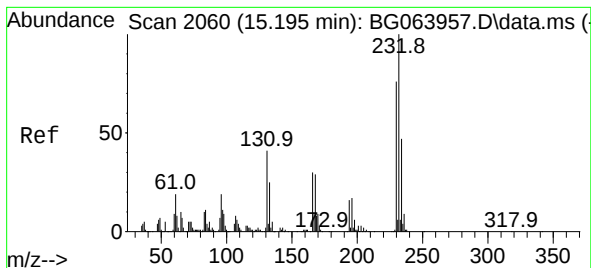
Tgt Ion:165 Resp: 45065
Ion Ratio Lower Upper
165 100
63 72.7 51.9 77.9
89 90.5 72.2 108.2
182 1.9 1.2 1.8#



#58
Fluorene
Concen: 20.326 ng
RT: 15.620 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

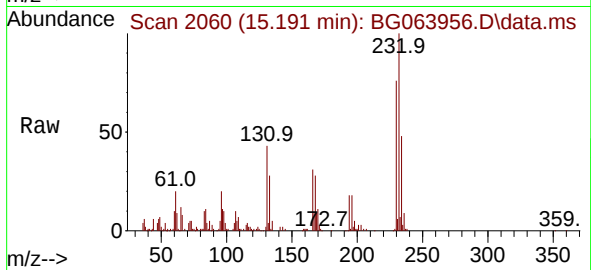
Tgt Ion:166 Resp: 302542
Ion Ratio Lower Upper
166 100
165 102.3 82.6 124.0
167 13.8 11.2 16.8



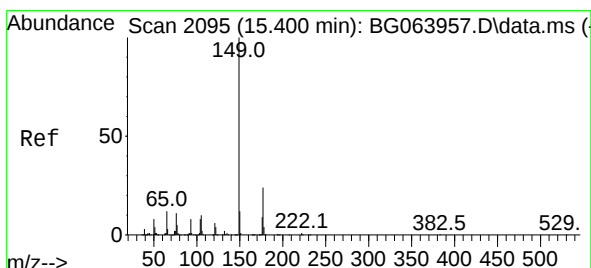
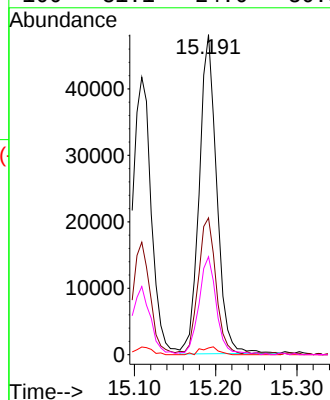
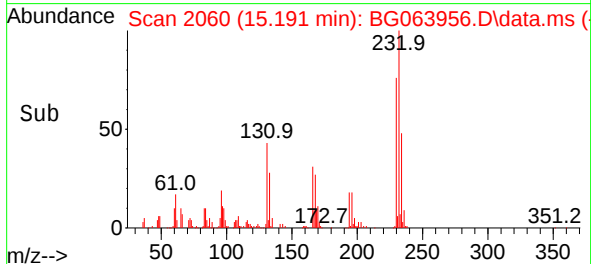


#59
2,3,4,6-Tetrachlorophenol
Concen: 20.179 ng
RT: 15.191 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

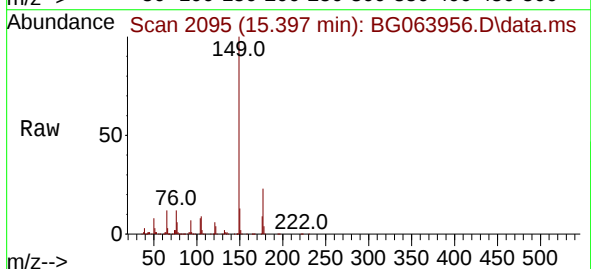
Instrument :
BNA_G
ClientSampleId :



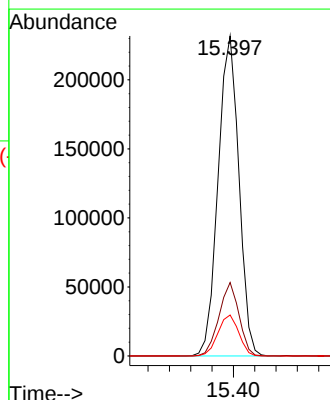
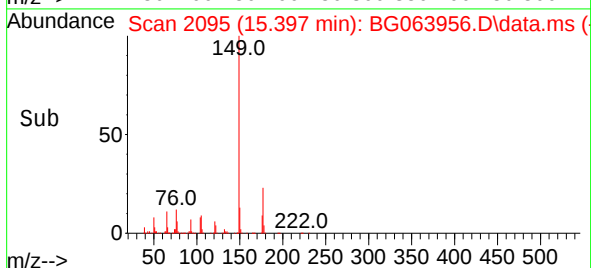
Tgt Ion:232 Resp: 71813
Ion Ratio Lower Upper
232 100
131 43.0 34.9 52.3
130 2.5 1.9 2.9
166 31.1 24.6 36.8

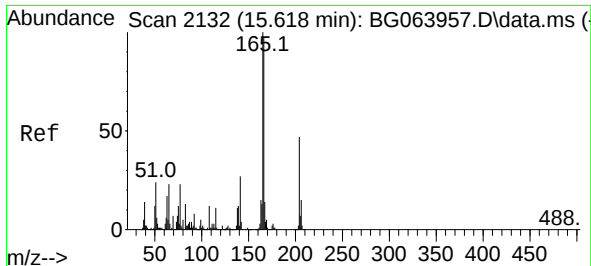


#60
Diethylphthalate
Concen: 19.967 ng
RT: 15.397 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24



Tgt Ion:149 Resp: 313326
Ion Ratio Lower Upper
149 100
177 23.0 19.4 29.2
150 12.8 9.6 14.4

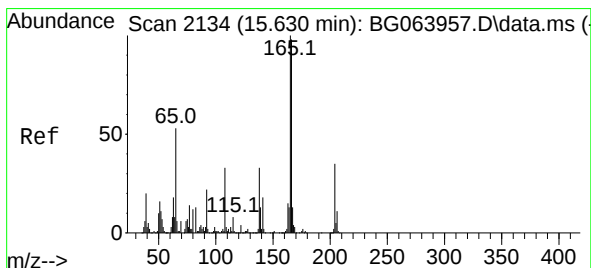
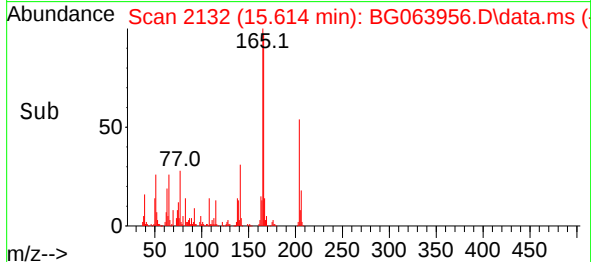
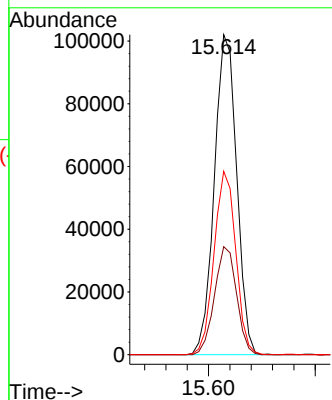
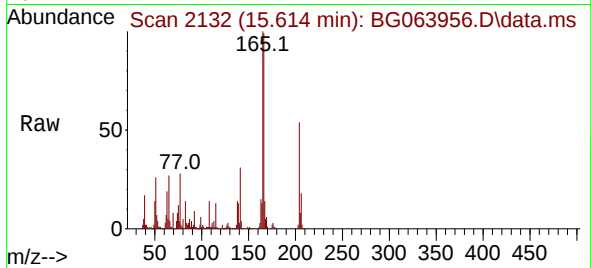




#61
4-Chlorophenyl-phenylether
Concen: 20.293 ng
RT: 15.614 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

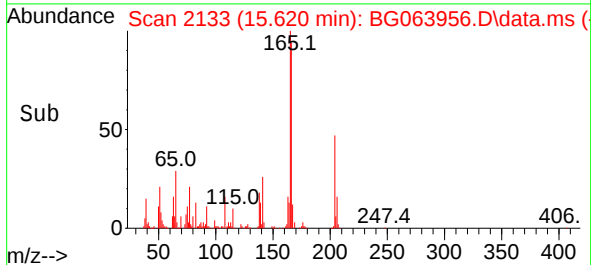
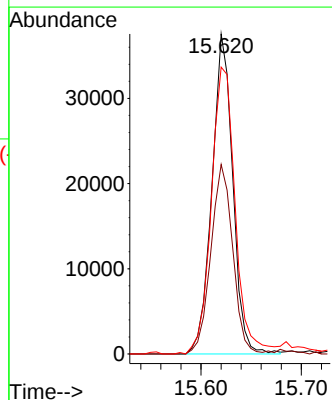
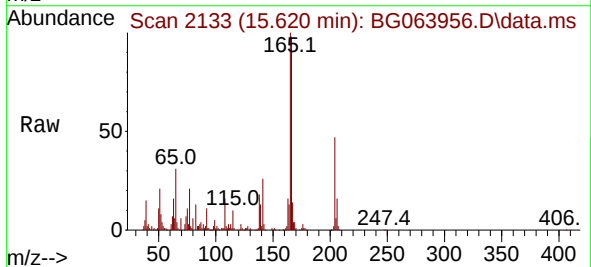
Instrument :
BNA_G
ClientSampleId :

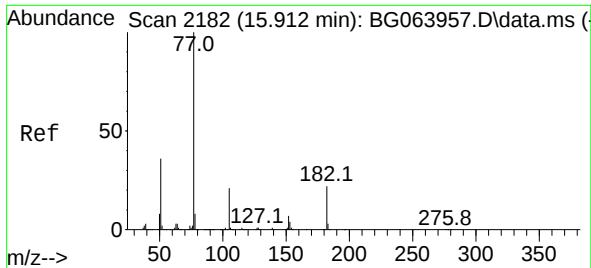
Tgt Ion:204 Resp: 148269
Ion Ratio Lower Upper
204 100
206 33.7 25.7 38.5
141 57.3 45.6 68.4



#62
4-Nitroaniline
Concen: 18.539 ng
RT: 15.620 min Scan# 2133
Delta R.T. -0.023 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:138 Resp: 54100
Ion Ratio Lower Upper
138 100
92 59.2 45.1 85.1
108 89.6 80.1 120.1



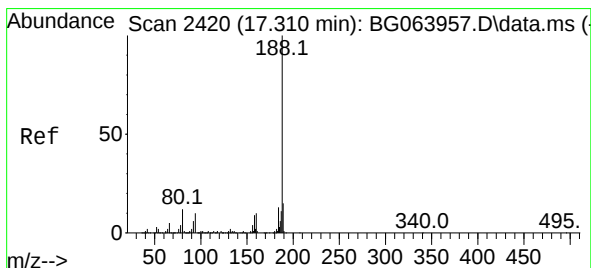
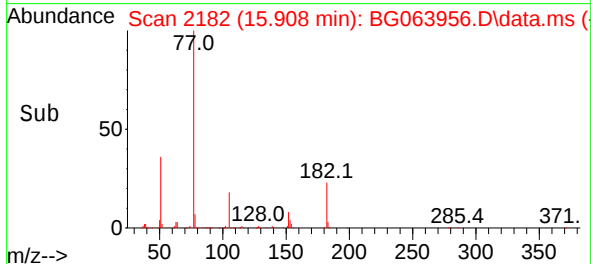
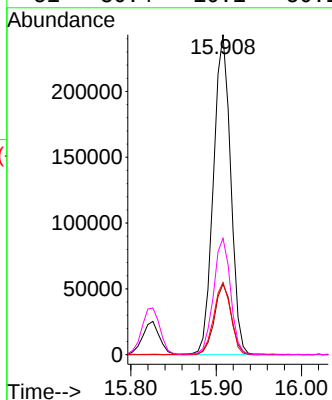
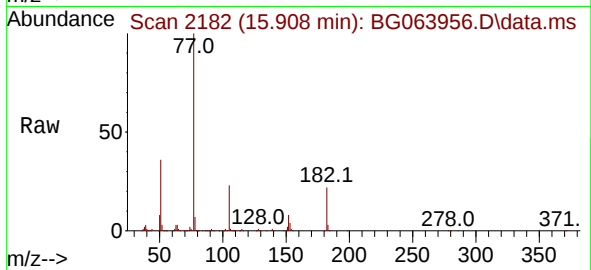


#63
 Azobenzene
 Concen: 20.252 ng
 RT: 15.908 min Scan# 2182
 Delta R.T. -0.005 min
 Lab File: BG063956.D
 Acq: 24 Jan 2025 14:24

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion: 77 Resp: 341798

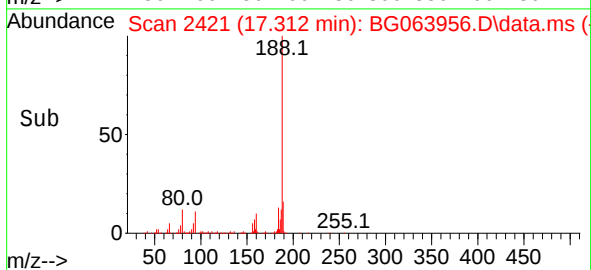
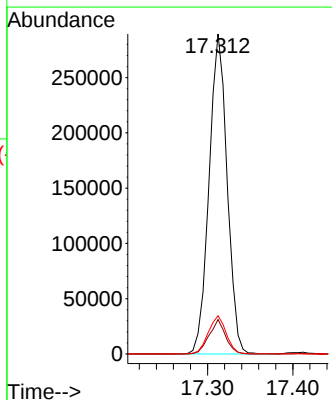
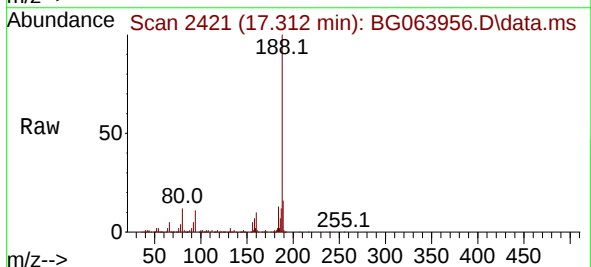
Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.9	41.9
105	22.5	0.8	40.8
51	36.4	16.1	56.1

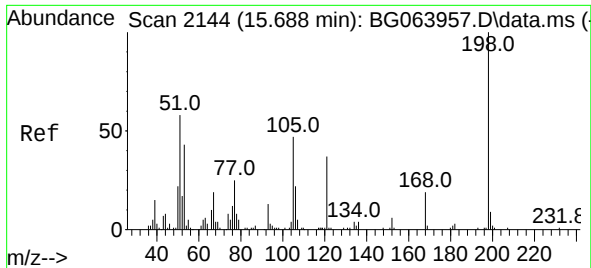


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.312 min Scan# 2421
 Delta R.T. -0.006 min
 Lab File: BG063956.D
 Acq: 24 Jan 2025 14:24

Tgt Ion: 188 Resp: 427228

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.9	9.8	14.6

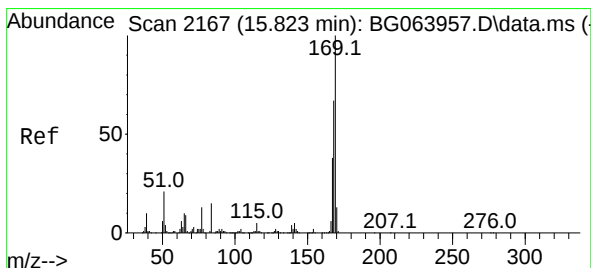
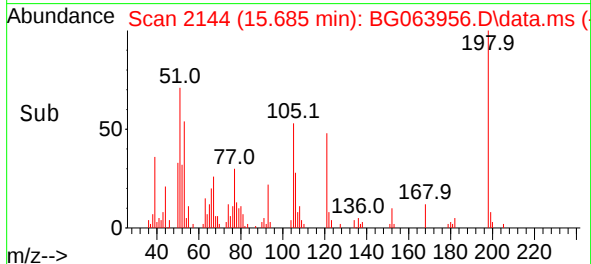
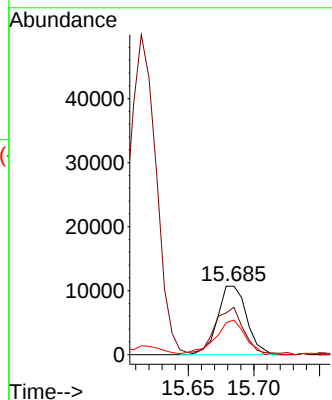
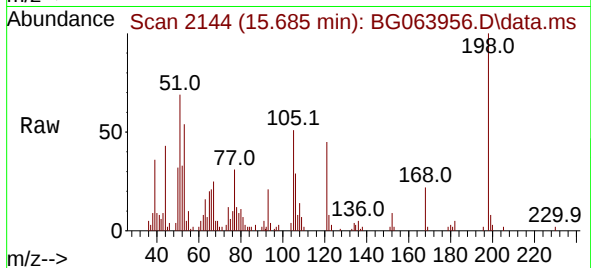




#65
4,6-Dinitro-2-methylphenol
Concen: 19.494 ng
RT: 15.685 min Scan# 2144
Delta R.T. -0.011 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

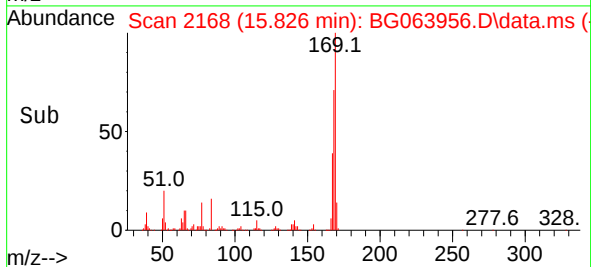
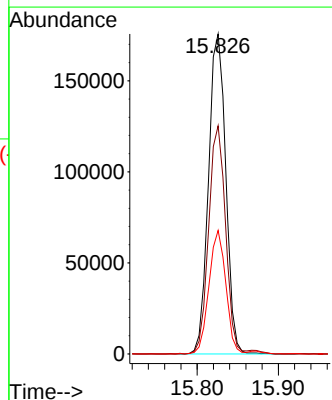
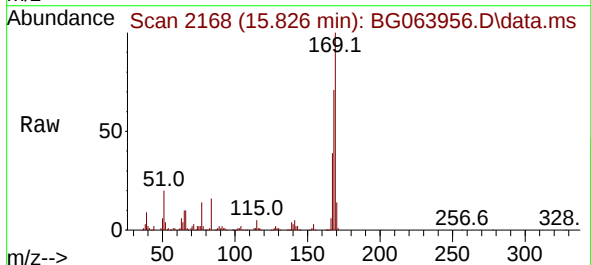
Instrument :
BNA_G
ClientSampleId :

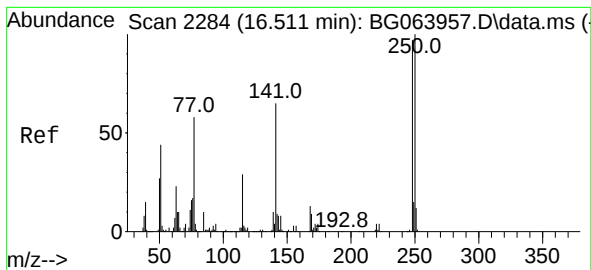
Tgt Ion:198 Resp: 16412
Ion Ratio Lower Upper
198 100
51 69.0 43.0 83.0
105 50.6 28.9 68.9



#66
n-Nitrosodiphenylamine
Concen: 20.444 ng
RT: 15.826 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:169 Resp: 258895
Ion Ratio Lower Upper
169 100
168 71.3 54.0 81.0
167 38.6 30.9 46.3

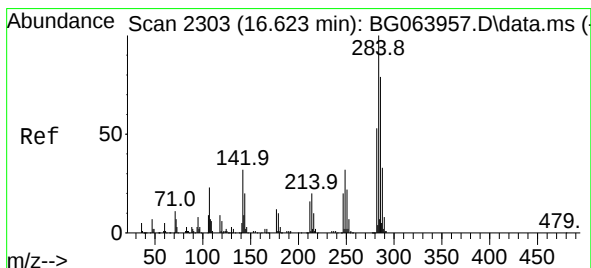
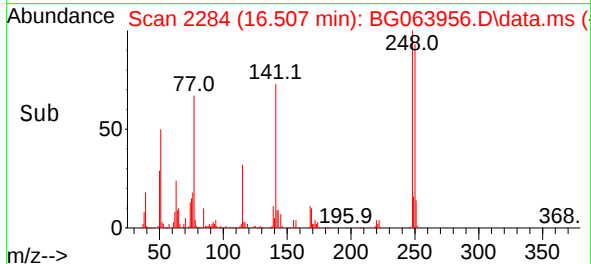
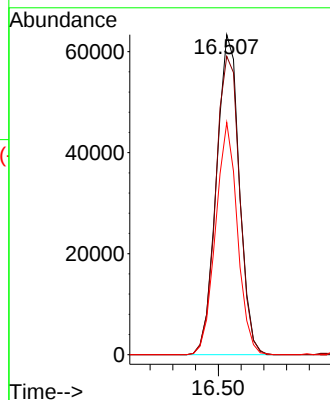
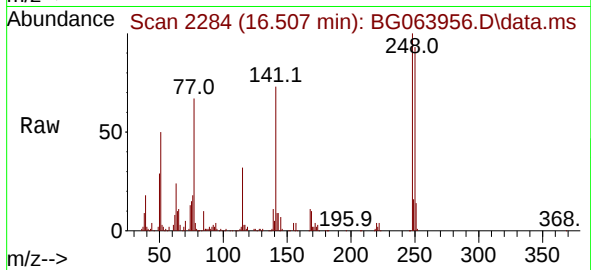




#67
4-Bromophenyl-phenylether
Concen: 19.953 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

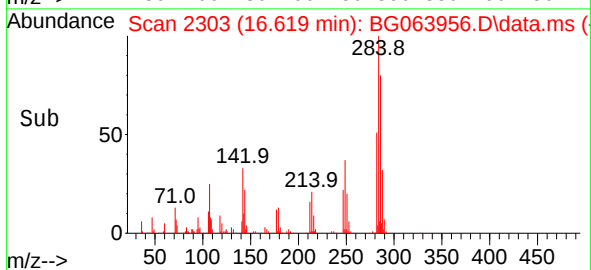
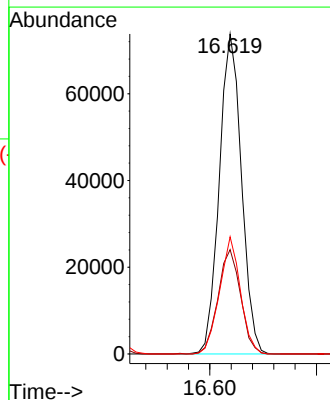
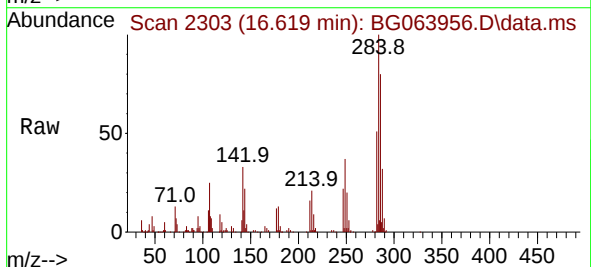
Instrument :
BNA_G
ClientSampleId :

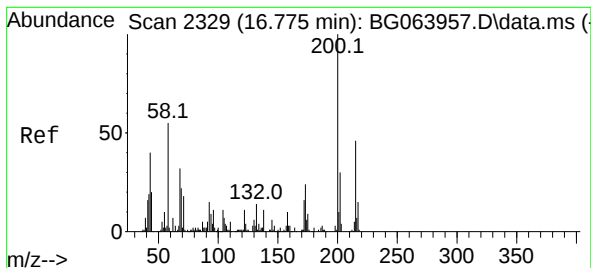
Tgt Ion:248 Resp: 88464
Ion Ratio Lower Upper
248 100
250 93.3 82.2 123.2
141 72.6 53.2 79.8



#68
Hexachlorobenzene
Concen: 20.270 ng
RT: 16.619 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:284 Resp: 106392
Ion Ratio Lower Upper
284 100
142 32.6 25.9 38.9
249 36.6 25.4 38.2





#69

Atrazine

Concen: 22.130 ng

RT: 16.772 min Scan# 2329

Delta R.T. -0.005 min

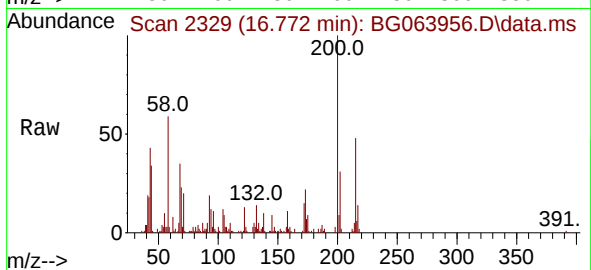
Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :



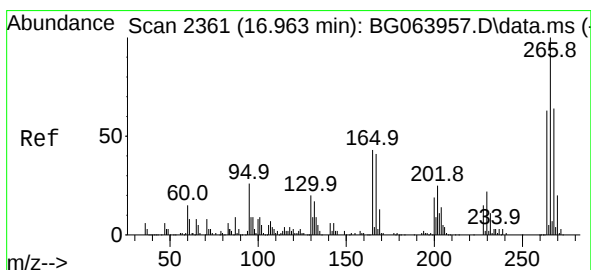
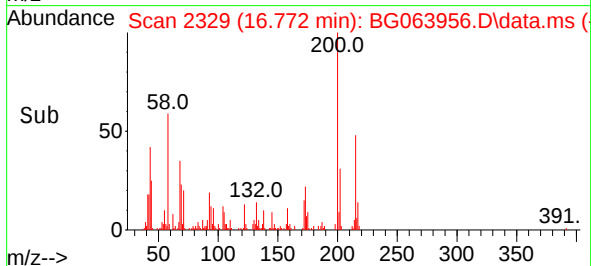
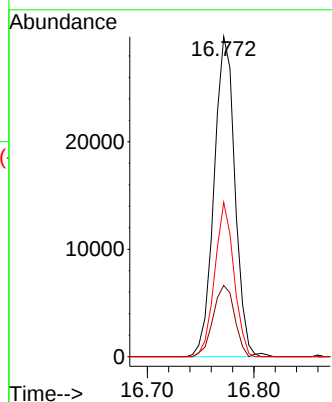
Tgt Ion:200 Resp: 40499

Ion Ratio Lower Upper

200 100

173 22.2 4.0 44.0

215 48.2 25.7 65.7



#70

Pentachlorophenol

Concen: 18.271 ng

RT: 16.960 min Scan# 2361

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

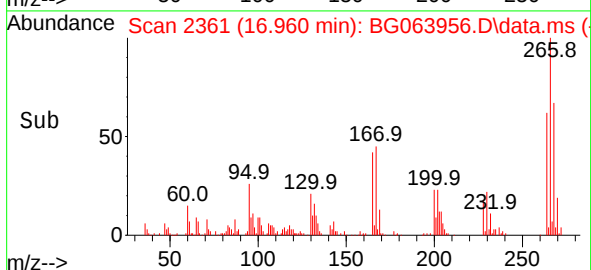
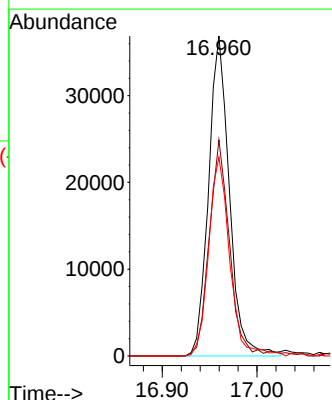
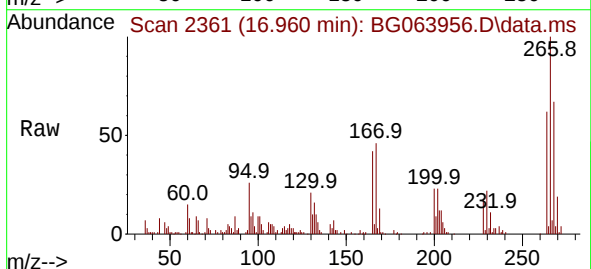
Tgt Ion:266 Resp: 56165

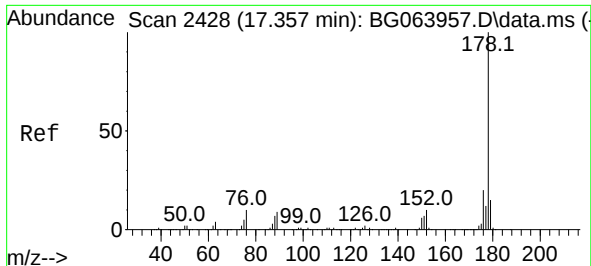
Ion Ratio Lower Upper

266 100

268 67.5 51.4 77.2

264 62.1 50.1 75.1

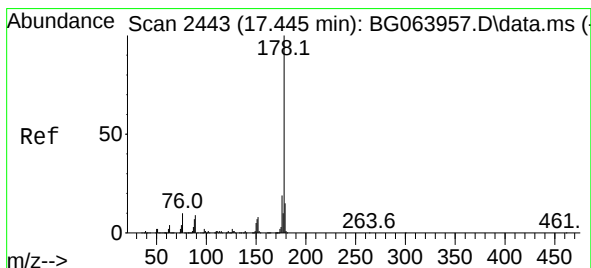
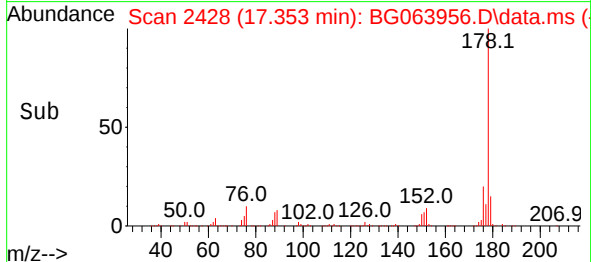
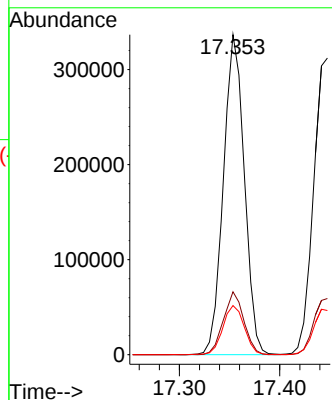
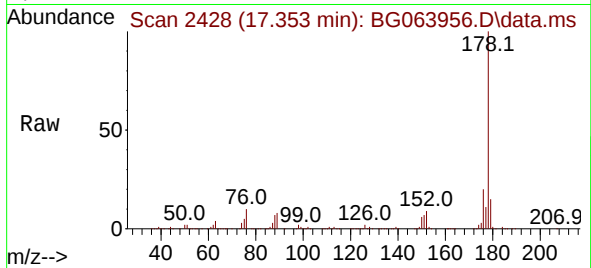




#71
Phenanthrene
Concen: 20.528 ng
RT: 17.353 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

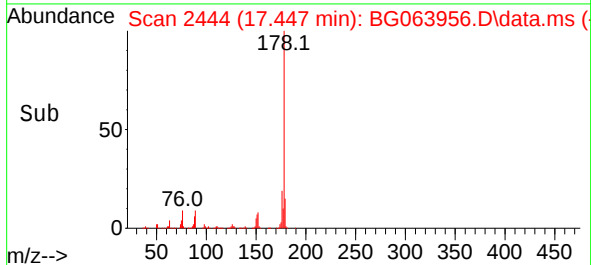
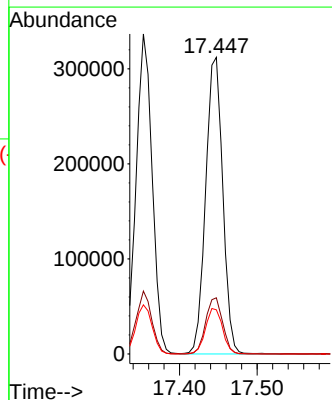
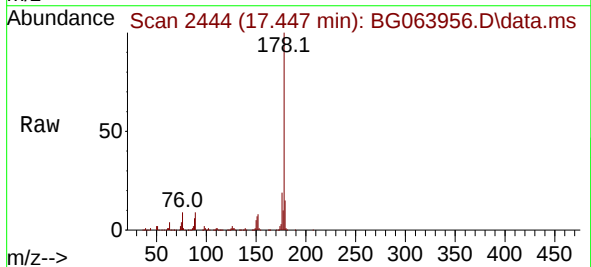
Instrument :
BNA_G
ClientSampleId :

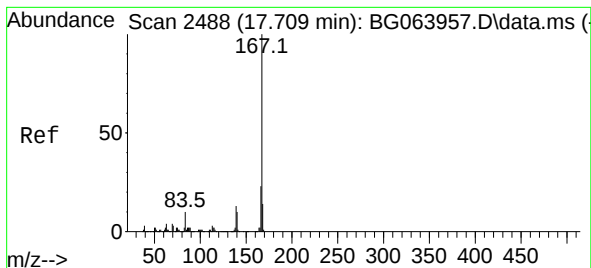
Tgt Ion:178 Resp: 487252
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 20.521 ng
RT: 17.447 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:178 Resp: 477777
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 14.9 12.1 18.1





#73

Carbazole

Concen: 21.265 ng

RT: 17.706 min Scan# 2488

Delta R.T. -0.011 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

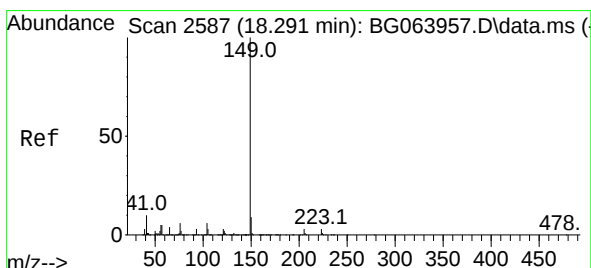
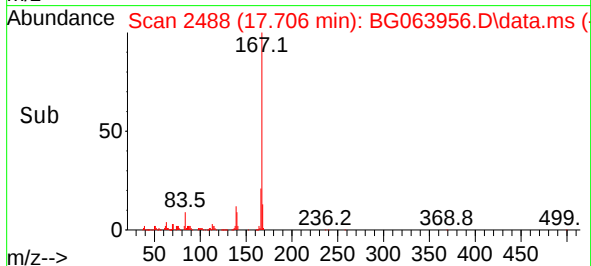
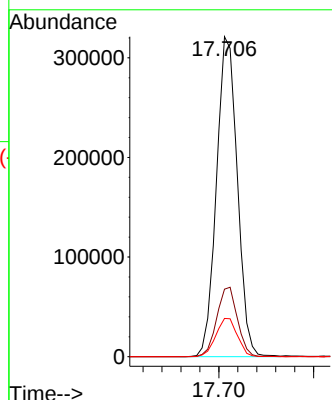
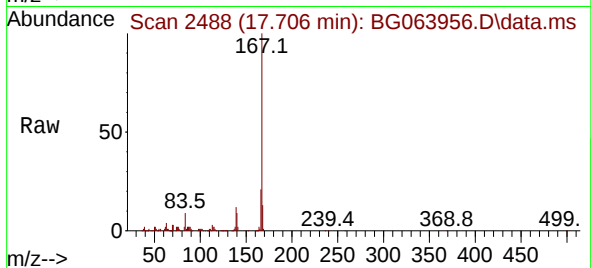
Tgt Ion:167 Resp: 491367

Ion Ratio Lower Upper

167 100

166 21.1 18.6 27.8

139 12.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 20.787 ng

RT: 18.288 min Scan# 2587

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

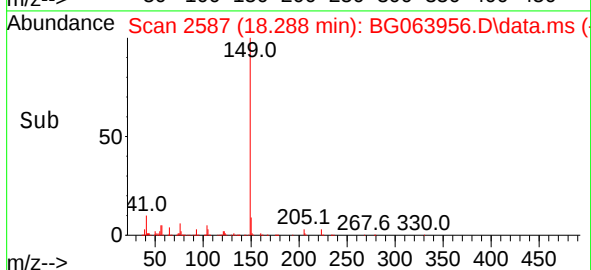
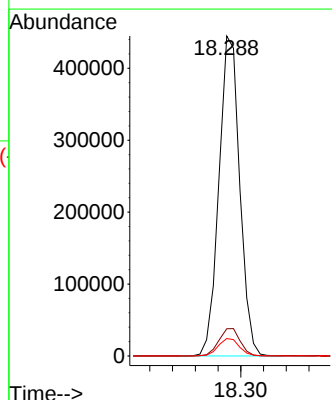
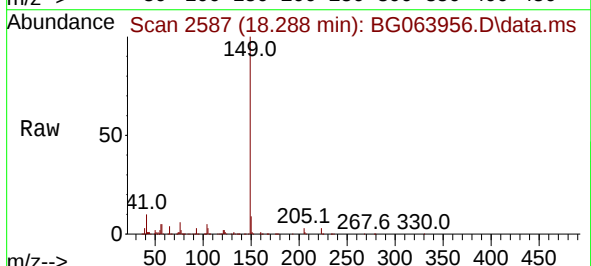
Tgt Ion:149 Resp: 565249

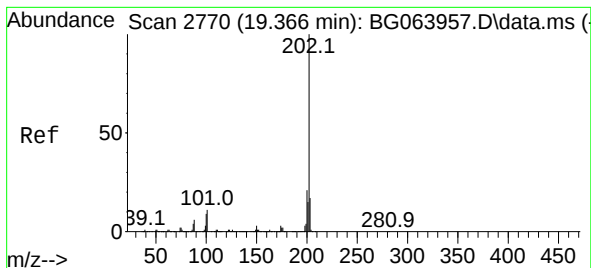
Ion Ratio Lower Upper

149 100

150 8.5 7.2 10.8

104 5.4 4.4 6.6

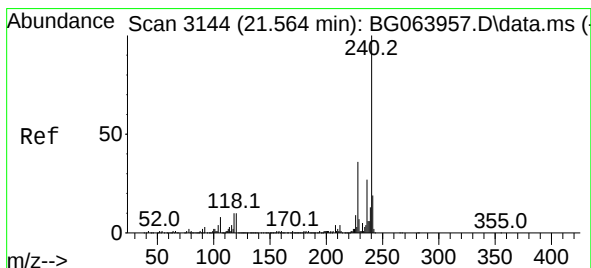
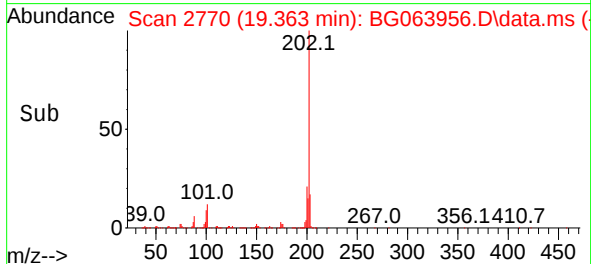
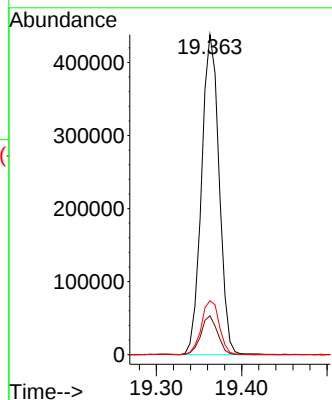
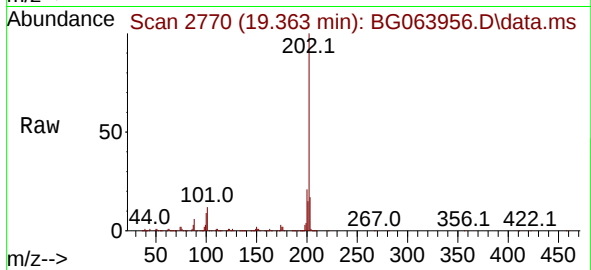




#75
Fluoranthene
Concen: 21.112 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

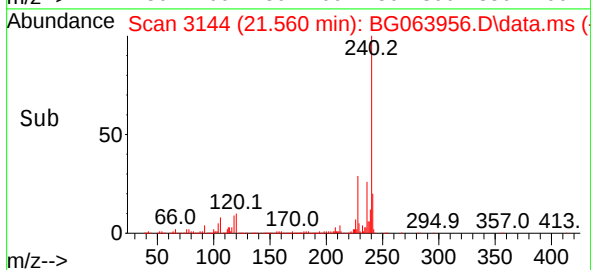
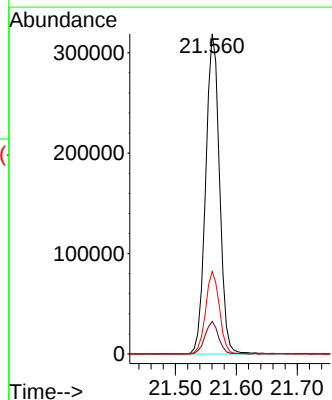
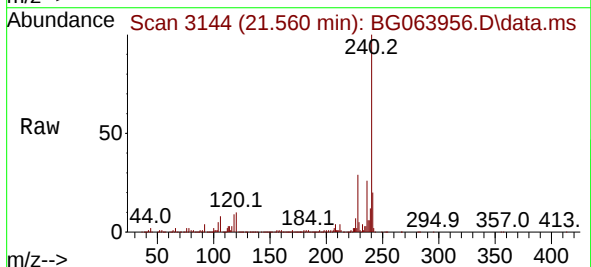
Instrument :
BNA_G
ClientSampleId :

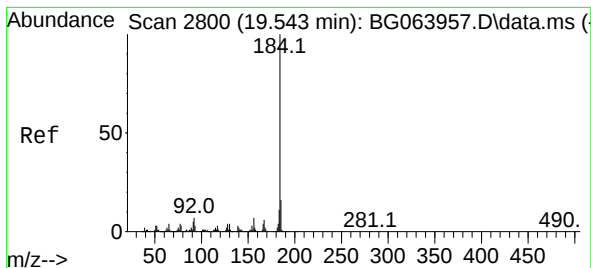
Tgt Ion:202 Resp: 627007
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 16.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BG063956.D
Acq: 24 Jan 2025 14:24

Tgt Ion:240 Resp: 504572
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.8 21.3 31.9





#77

Benzidine

Concen: 20.981 ng

RT: 19.545 min Scan# 2800

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

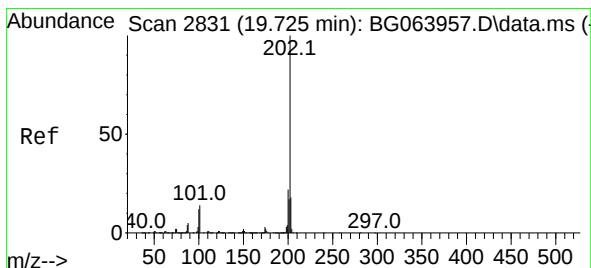
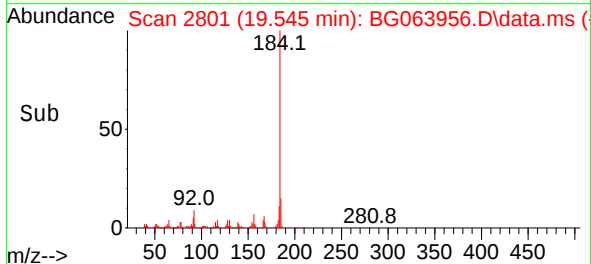
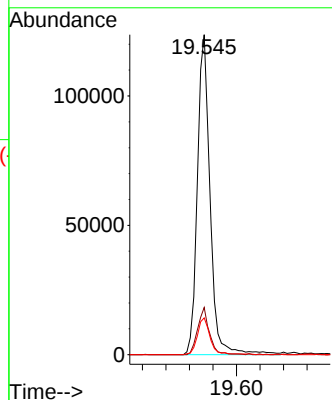
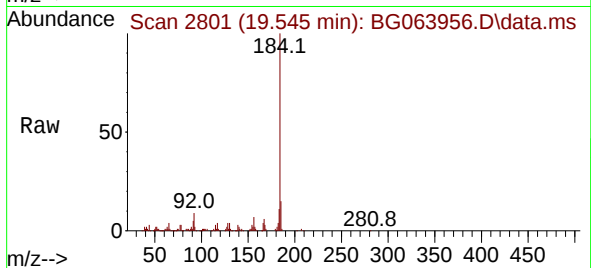
Tgt Ion:184 Resp: 184897

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.5 8.8 13.2



#78

Pyrene

Concen: 19.689 ng

RT: 19.721 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

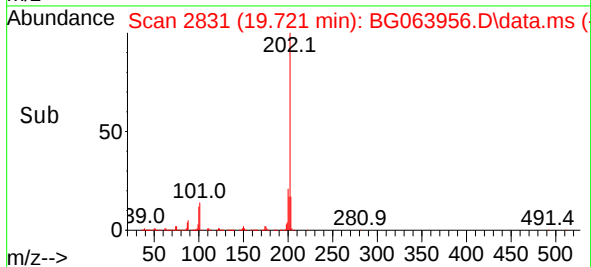
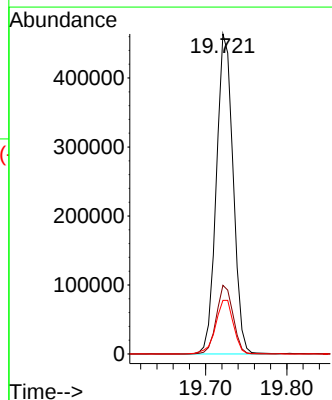
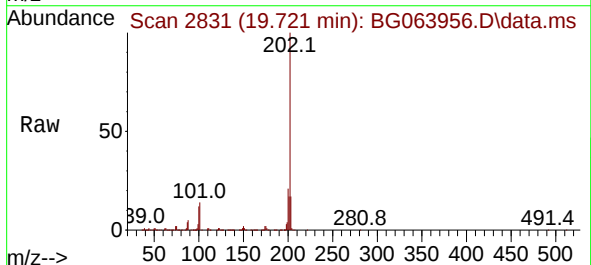
Tgt Ion:202 Resp: 664695

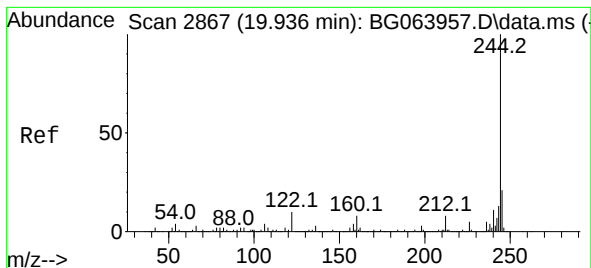
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 16.8 14.2 21.2





#79

Terphenyl-d14

Concen: 41.092 ng

RT: 19.933 min Scan# 2867

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

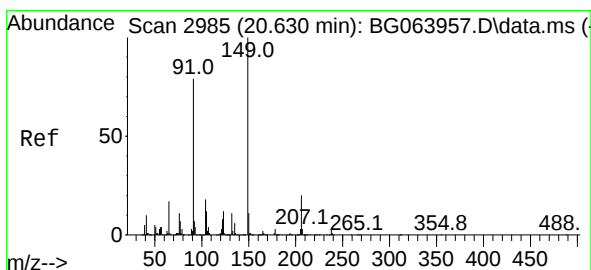
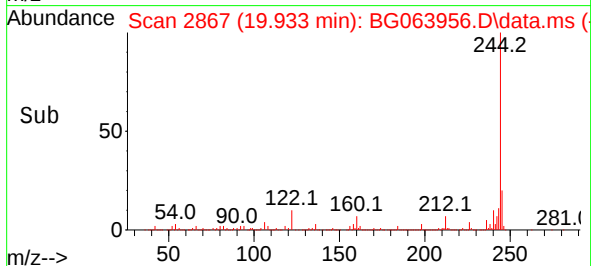
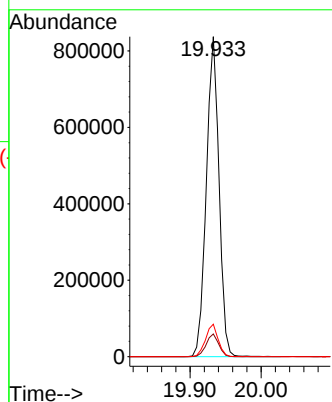
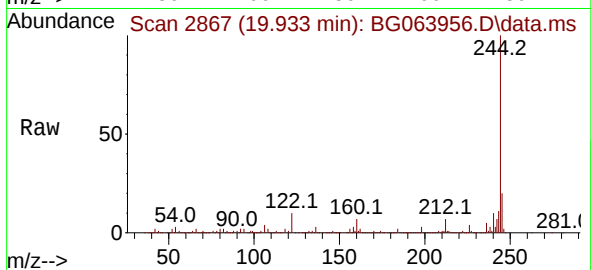
Tgt Ion:244 Resp: 1037512

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.2 8.2 12.4



#80

Butylbenzylphthalate

Concen: 19.932 ng

RT: 20.626 min Scan# 2985

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

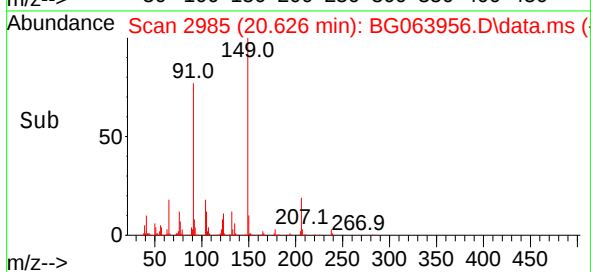
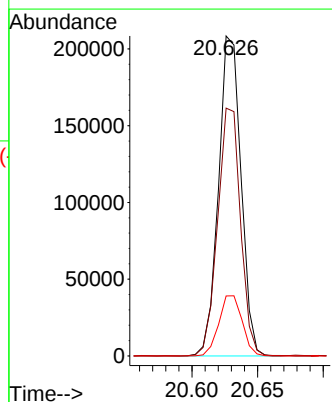
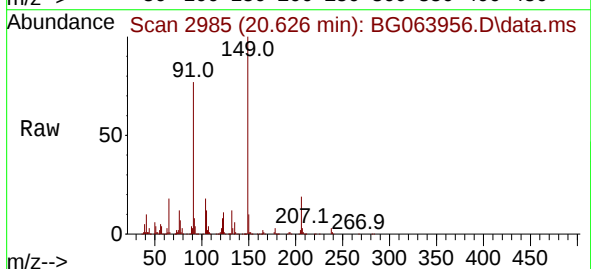
Tgt Ion:149 Resp: 248302

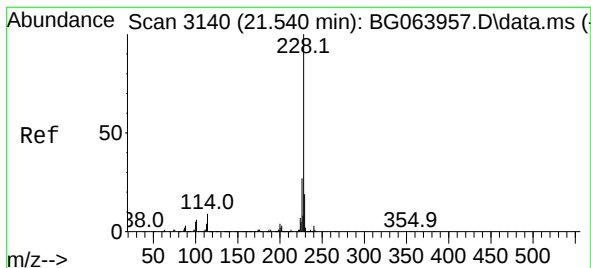
Ion Ratio Lower Upper

149 100

91 77.5 63.0 94.4

206 18.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 20.135 ng

RT: 21.543 min Scan# 3140

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

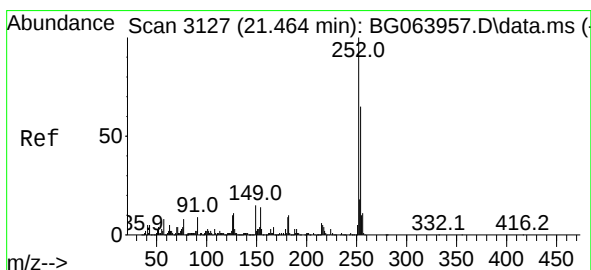
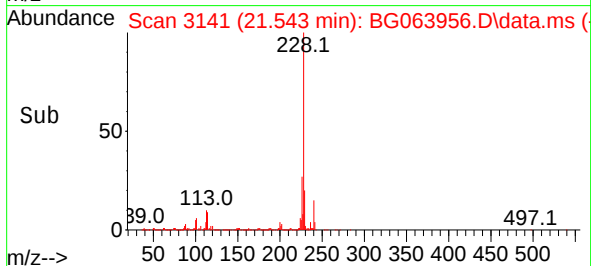
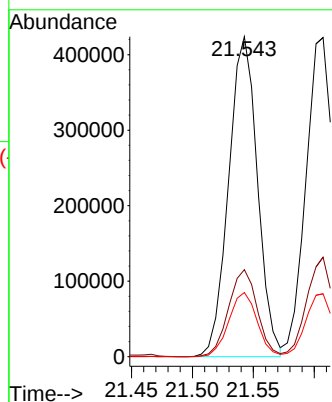
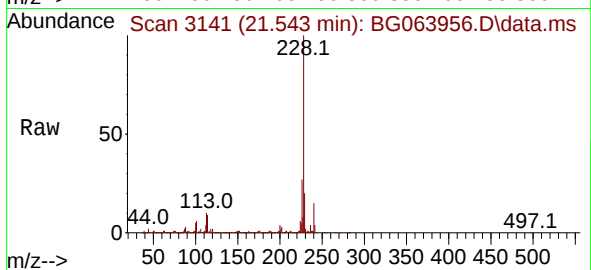
Tgt Ion:228 Resp: 696665

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

229 20.1 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 20.061 ng

RT: 21.460 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

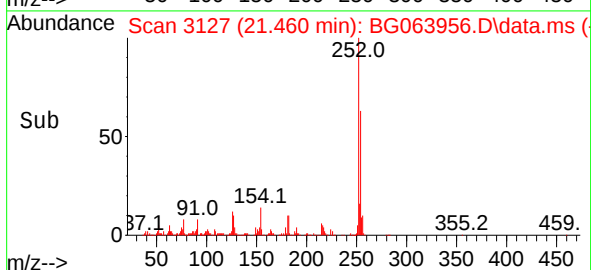
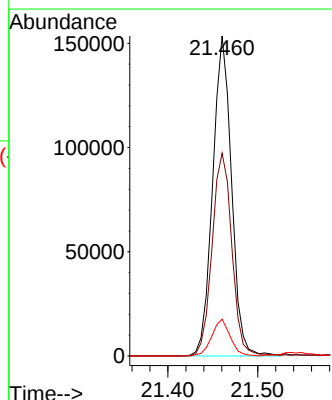
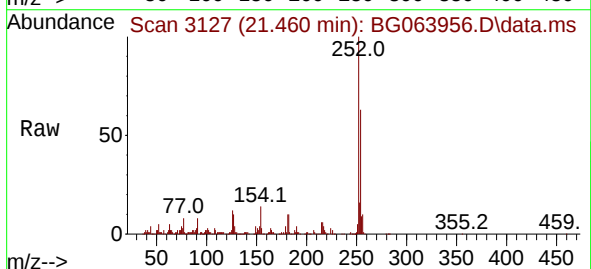
Tgt Ion:252 Resp: 224013

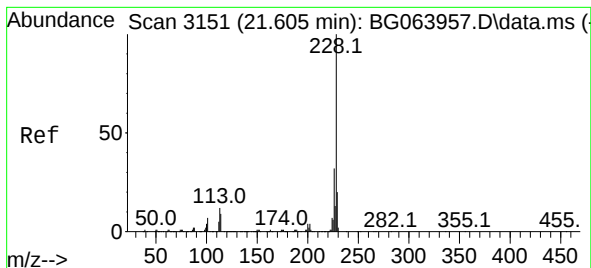
Ion Ratio Lower Upper

252 100

254 63.3 52.2 78.2

126 11.5 7.9 11.9





#83

Chrysene

Concen: 20.319 ng

RT: 21.607 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

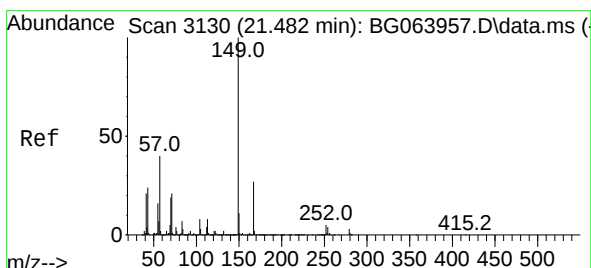
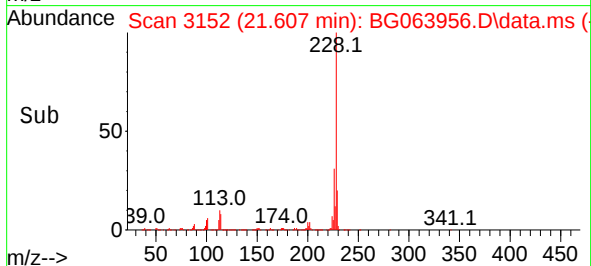
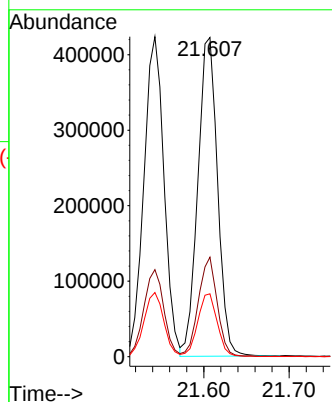
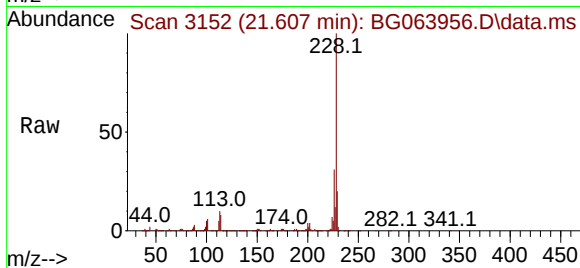
Tgt Ion:228 Resp: 679212

Ion Ratio Lower Upper

228 100

226 31.2 25.3 37.9

229 19.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.423 ng

RT: 21.484 min Scan# 3131

Delta R.T. 0.001 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

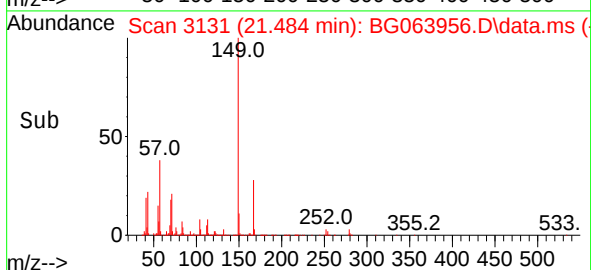
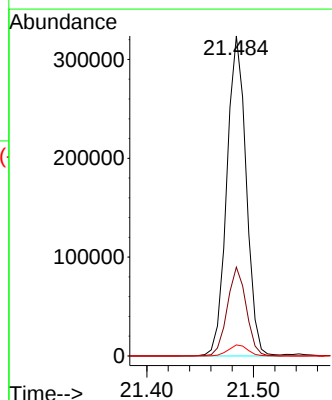
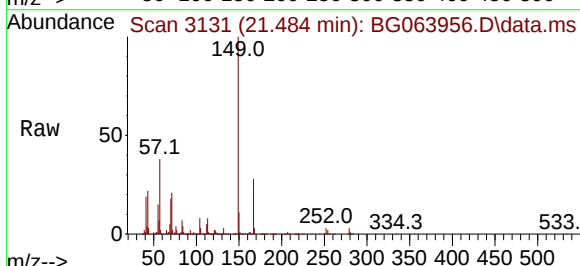
Tgt Ion:149 Resp: 407722

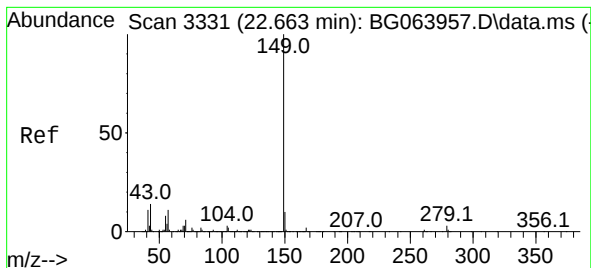
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

279 3.5 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 19.734 ng

RT: 22.665 min Scan# 3331

Delta R.T. 0.001 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

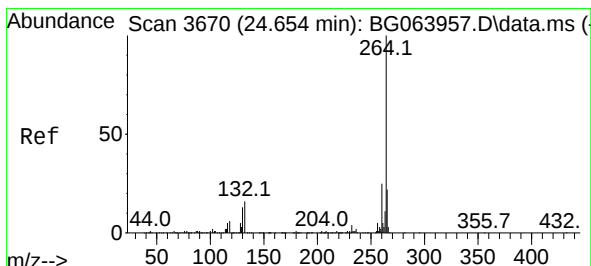
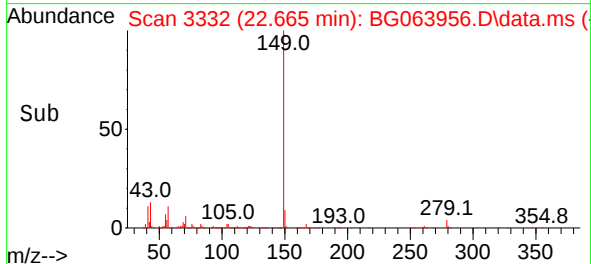
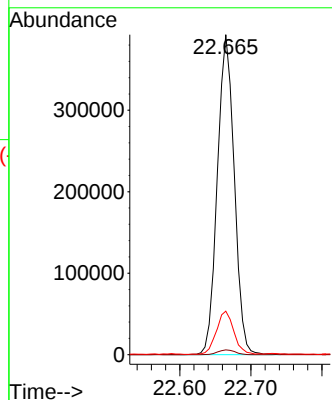
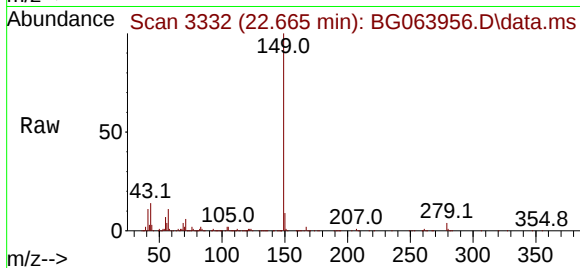
Tgt Ion:149 Resp: 647263

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.651 min Scan# 3670

Delta R.T. -0.005 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

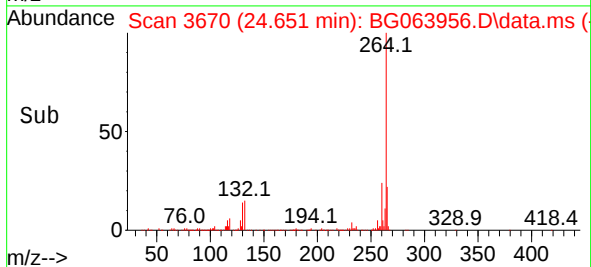
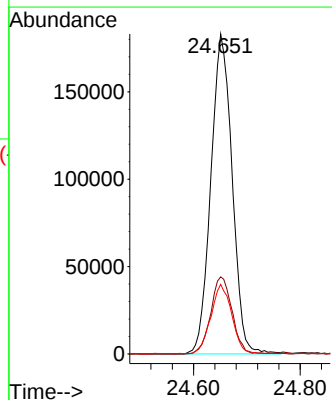
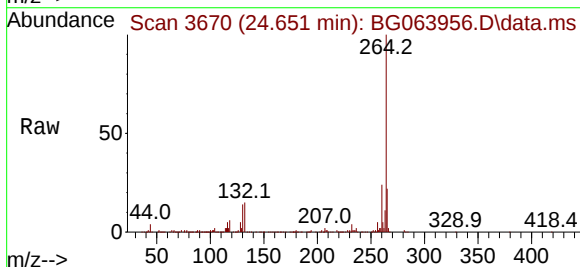
Tgt Ion:264 Resp: 507857

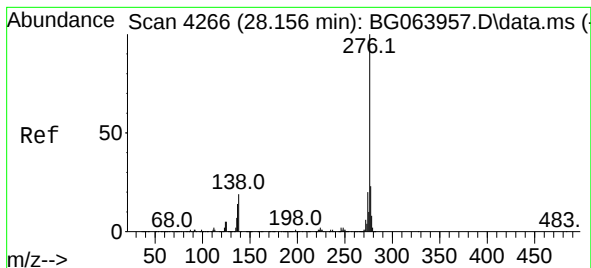
Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.090 ng

RT: 28.147 min Scan# 41

Delta R.T. -0.023 min

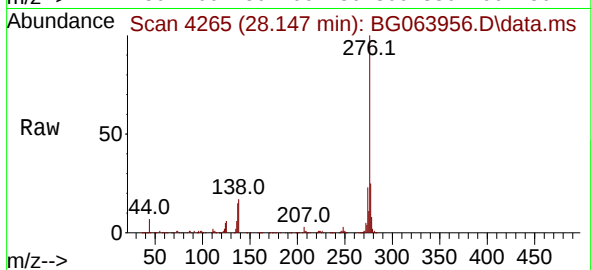
Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :



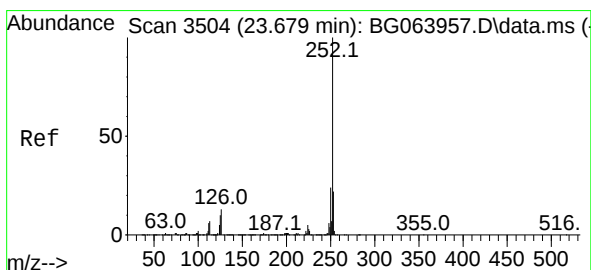
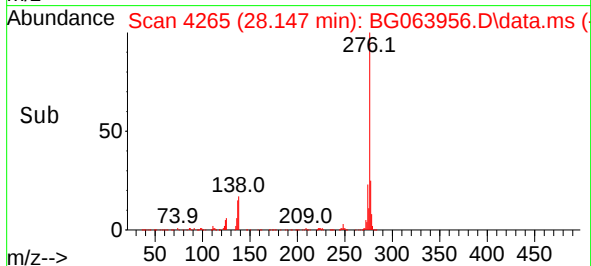
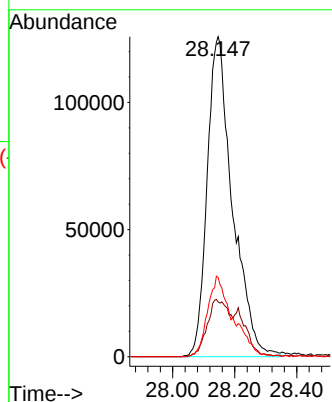
Tgt Ion:276 Resp: 713295

Ion Ratio Lower Upper

276 100

138 15.6 14.5 21.7

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 20.538 ng

RT: 23.681 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

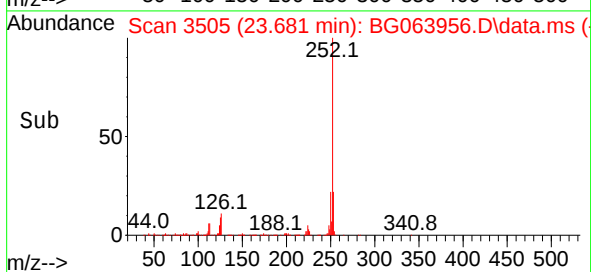
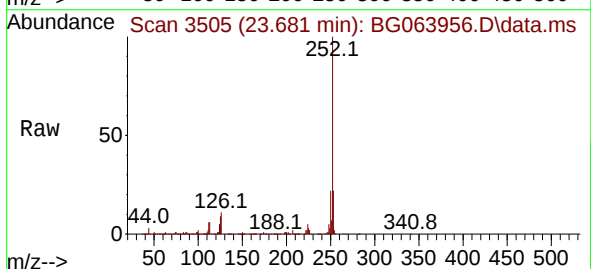
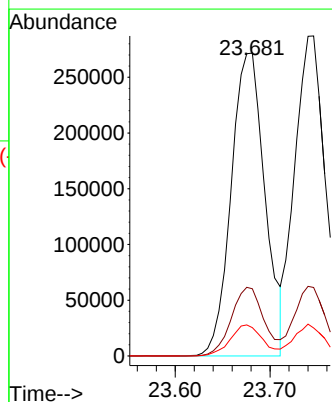
Tgt Ion:252 Resp: 672461

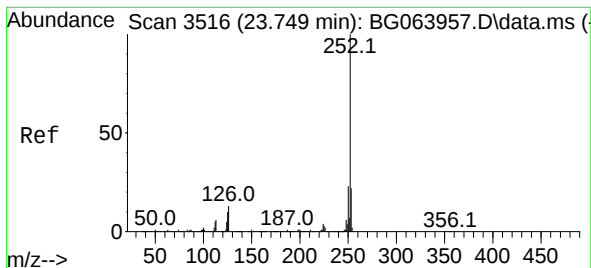
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.3 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 20.132 ng

RT: 23.746 min Scan# 3516

Delta R.T. -0.011 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :

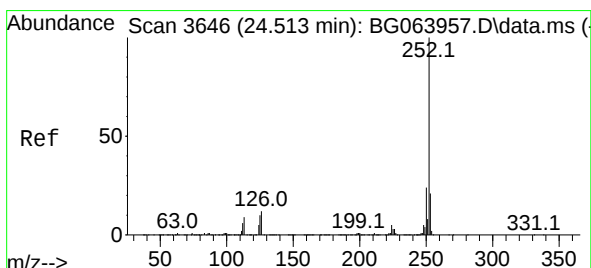
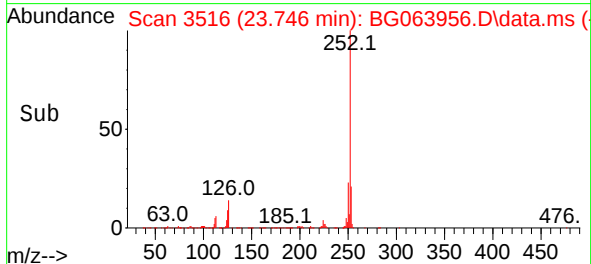
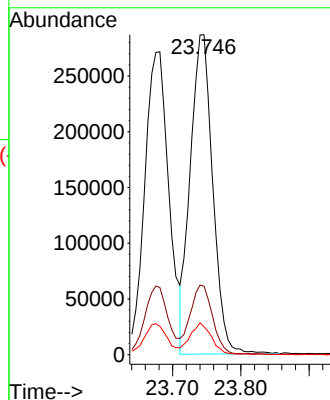
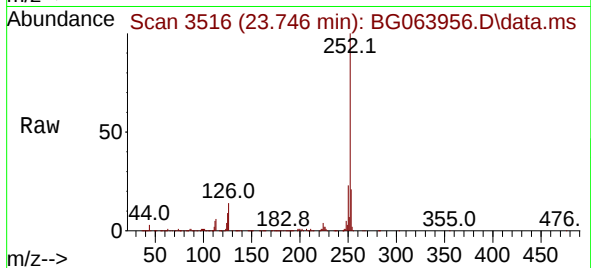
Tgt Ion:252 Resp: 655030

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 8.8 7.8 11.8



#90

Benzo(a)pyrene

Concen: 20.080 ng

RT: 24.510 min Scan# 3646

Delta R.T. -0.011 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

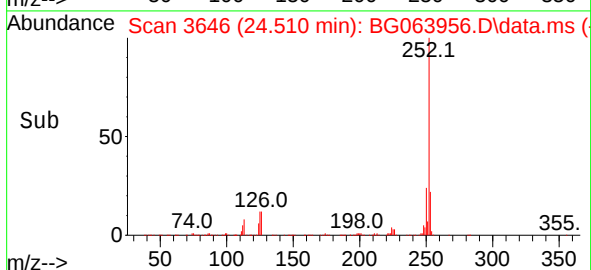
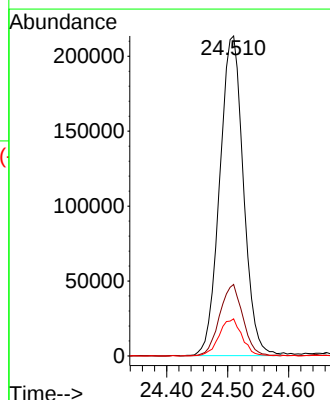
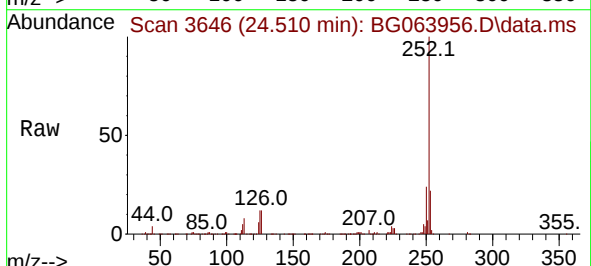
Tgt Ion:252 Resp: 576941

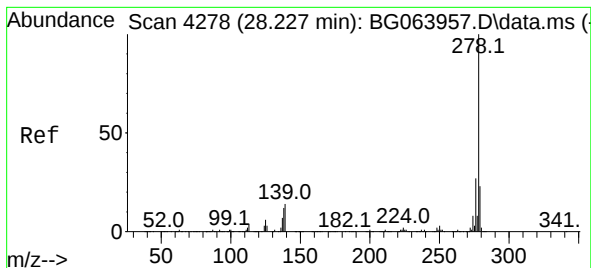
Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 11.6 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 20.190 ng

RT: 28.211 min Scan# 41

Delta R.T. -0.023 min

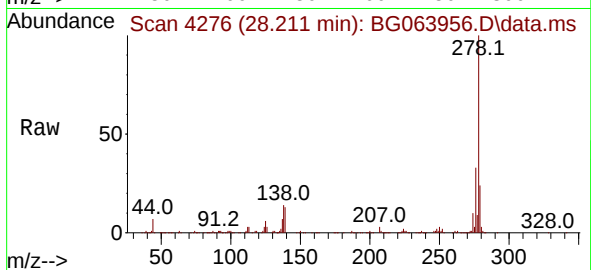
Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Instrument :

BNA_G

ClientSampleId :



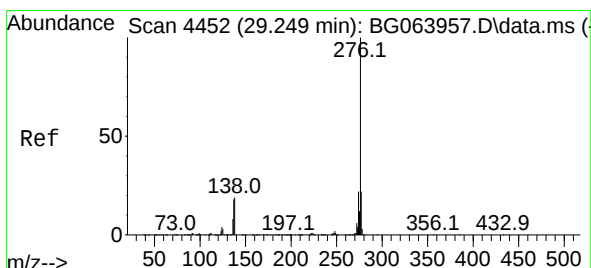
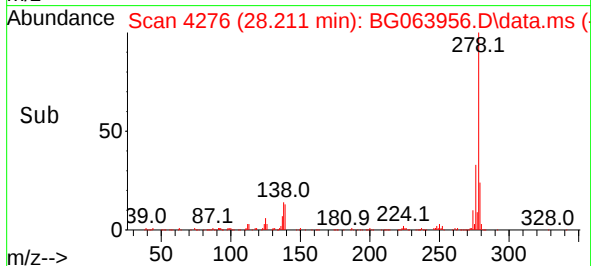
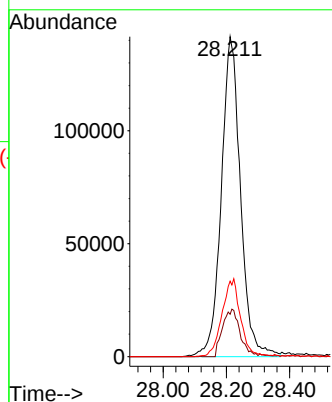
Tgt Ion:278 Resp: 597390

Ion Ratio Lower Upper

278 100

139 13.2 11.5 17.3

279 23.6 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 19.929 ng

RT: 29.228 min Scan# 4449

Delta R.T. -0.040 min

Lab File: BG063956.D

Acq: 24 Jan 2025 14:24

Tgt Ion:276 Resp: 591472

Ion Ratio Lower Upper

276 100

277 21.9 17.6 26.4

138 19.6 15.3 22.9

