

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
 Data File : BG063131.D
 Acq On : 31 Oct 2024 13:30
 Operator : RC/JU
 Sample : SSTDIC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 04:41:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	89789	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	360846	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	290744	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	754489	20.000	ng	0.00
76) Chrysene-d12	21.480	240	841662	20.000	ng	0.00
86) Perylene-d12	24.518	264	963367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	112853	19.489	ng	0.00
7) Phenol-d6	7.015	99	159830	21.063	ng	0.00
23) Nitrobenzene-d5	8.995	82	166029	20.011	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	97569	19.756	ng	0.00
45) 2-Fluorobiphenyl	13.096	172	397885	20.269	ng	0.00
79) Terphenyl-d14	19.858	244	946066	23.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	23519	10.339	ng	92
3) Pyridine	3.748	79	58738	10.694	ng	87
4) n-Nitrosodimethylamine	3.666	42	35618	10.440	ng	# 93
6) Aniline	7.173	93	74056	10.852	ng	# 92
8) 2-Chlorophenol	7.408	128	55622	10.343	ng	96
9) Benzaldehyde	6.985	77	53377	11.320	ng	# 77
10) Phenol	7.044	94	84650	10.413	ng	97
11) bis(2-Chloroethyl)ether	7.267	93	56896	10.378	ng	88
12) 1,3-Dichlorobenzene	7.737	146	68637	10.508	ng	100
13) 1,4-Dichlorobenzene	7.878	146	69035	10.380	ng	92
14) 1,2-Dichlorobenzene	8.196	146	67809	10.577	ng	96
15) Benzyl Alcohol	8.078	79	56615	9.285	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.372	45	106362	10.695	ng	96
17) 2-Methylphenol	8.290	107	50374	9.741	ng	95
18) Hexachloroethane	8.918	117	25327	10.641	ng	91
19) n-Nitroso-di-n-propyla...	8.642	70	57317	10.846	ng	98
20) 3+4-Methylphenols	8.613	107	70965	10.262	ng	95
22) Acetophenone	8.660	105	100160	10.359	ng	# 98
24) Nitrobenzene	9.042	77	90687	10.109	ng	# 93
25) Isophorone	9.559	82	145228	10.120	ng	96
26) 2-Nitrophenol	9.758	139	32029	9.707	ng	# 85
27) 2,4-Dimethylphenol	9.811	122	41019	10.113	ng	95
28) bis(2-Chloroethoxy)met...	10.046	93	75326	10.010	ng	94
29) 2,4-Dichlorophenol	10.287	162	60370	9.854	ng	94
30) 1,2,4-Trichlorobenzene	10.499	180	72800	9.661	ng	95
31) Naphthalene	10.687	128	192167	10.095	ng	97
32) Benzoic acid	9.917	122	21494	6.066	ng	92
33) 4-Chloroaniline	10.793	127	62750	9.768	ng	# 89
34) Hexachlorobutadiene	10.969	225	60224	9.711	ng	94
35) Caprolactam	11.539	113	19633	10.034	ng	# 84
36) 4-Chloro-3-methylphenol	11.921	107	68858	9.756	ng	# 89
37) 2-Methylnaphthalene	12.297	142	140518	10.407	ng	91
38) 1-Methylnaphthalene	12.514	142	138478	10.419	ng	97
40) 1,2,4,5-Tetrachloroben...	12.667	216	103206	9.878	ng	97
41) Hexachlorocyclopentadiene	12.643	237	26682	7.860	ng	90
43) 2,4,6-Trichlorophenol	12.984	196	67525	10.794	ng	93

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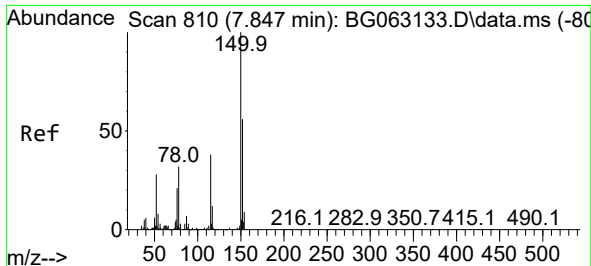
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	67525	9.818	ng	91
46) 1,1'-Biphenyl	13.313	154	197252	9.996	ng	97
47) 2-Chloronaphthalene	13.354	162	162021	9.804	ng	98
48) 2-Nitroaniline	13.554	65	56607	9.759	ng	94
49) Acenaphthylene	14.200	152	241251	10.340	ng	98
50) Dimethylphthalate	13.930	163	212675	10.263	ng	98
51) 2,6-Dinitrotoluene	14.053	165	45583	10.303	ng	# 90
52) Acenaphthene	14.541	154	146141	10.118	ng	99
53) 3-Nitroaniline	14.383	138	45206	10.762	ng	# 94
54) 2,4-Dinitrophenol	14.600	184	18392	6.816	ng	85
55) Dibenzofuran	14.876	168	256061	10.054	ng	95
56) 4-Nitrophenol	14.706	139	31283	9.837	ng	# 87
57) 2,4-Dinitrotoluene	14.847	165	63276	10.000	ng	# 93
58) Fluorene	15.528	166	206200	10.217	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.111	232	67516	10.230	ng	98
60) Diethylphthalate	15.299	149	223359	10.498	ng	98
61) 4-Chlorophenyl-phenyle...	15.522	204	127781	10.186	ng	96
62) 4-Nitroaniline	15.546	138	46318	9.995	ng	# 81
63) Azobenzene	15.816	77	222034	10.089	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	43947	9.060	ng	94
66) n-Nitrosodiphenylamine	15.734	169	182337	9.687	ng	94
67) 4-Bromophenyl-phenylether	16.415	248	89382	9.667	ng	94
68) Hexachlorobenzene	16.533	284	102895	9.606	ng	# 92
69) Atrazine	16.686	200	77354	8.940	ng	97
70) Pentachlorophenol	16.885	266	44895	8.424	ng	98
71) Phenanthrene	17.267	178	369189	10.094	ng	97
72) Anthracene	17.361	178	358597	9.989	ng	99
73) Carbazole	17.632	167	338372	10.013	ng	98
74) Di-n-butylphthalate	18.196	149	384698	10.026	ng	99
75) Fluoranthene	19.289	202	520487	10.053	ng	98
77) Benzidine	19.471	184	187631	14.469	ng	99
78) Pyrene	19.653	202	542266	10.869	ng	99
80) Butylbenzylphthalate	20.552	149	158932	9.887	ng	94
81) Benzo(a)anthracene	21.462	228	537433	10.140	ng	96
82) 3,3'-Dichlorobenzidine	21.386	252	204564	10.410	ng	97
83) Chrysene	21.527	228	515379	10.351	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	227572	9.759	ng	100
85) Di-n-octyl phthalate	22.526	149	381622	9.781	ng	98
87) Indeno(1,2,3-cd)pyrene	27.931	276	631090	9.760	ng	# 97
88) Benzo(b)fluoranthene	23.560	252	559454	9.961	ng	95
89) Benzo(k)fluoranthene	23.613	252	522236	9.746	ng	99
90) Benzo(a)pyrene	24.371	252	495998	10.117	ng	98
91) Dibenzo(a,h)anthracene	27.984	278	536750	9.945	ng	# 97
92) Benzo(g,h,i)perylene	29.001	276	532054	9.973	ng	93

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

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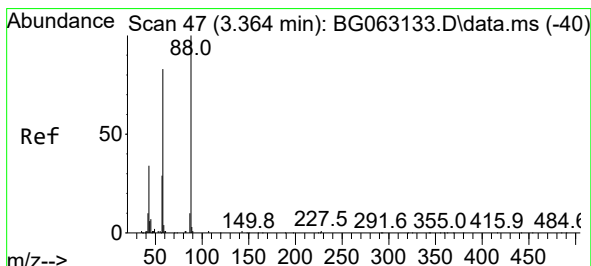
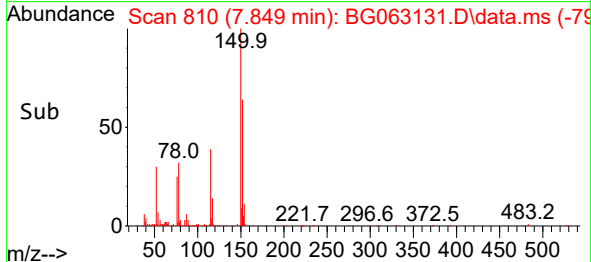
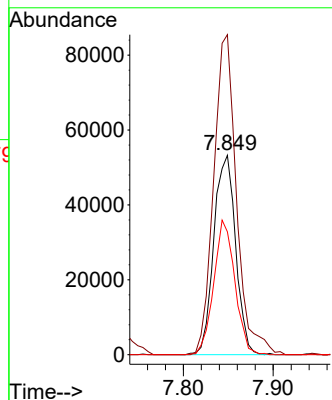
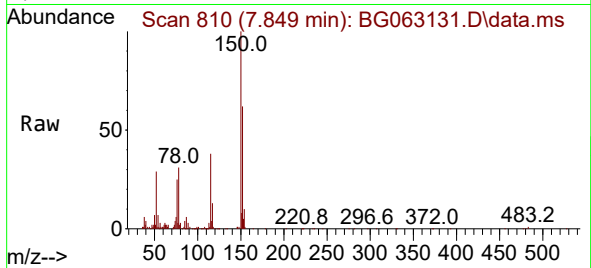




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.849 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG063131.D
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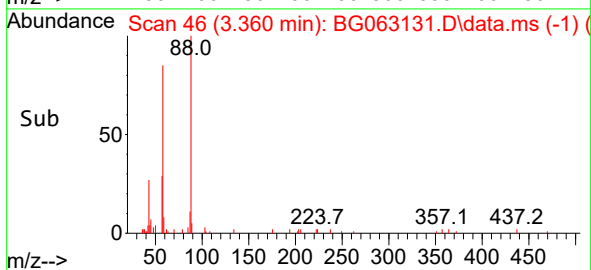
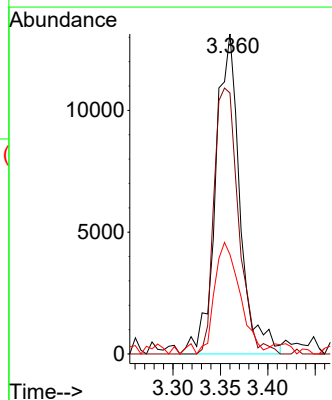
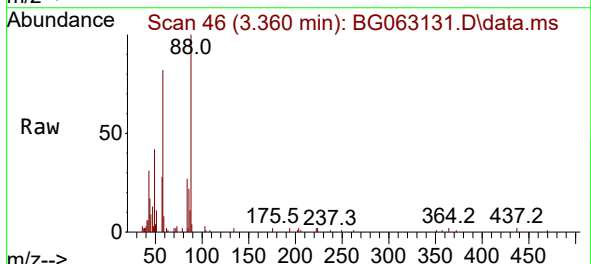
Instrument :
BNA_G
ClientSampleId :

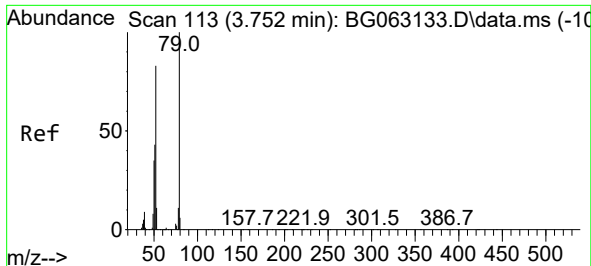
Tgt Ion:152 Resp: 89789
Ion Ratio Lower Upper
152 100
150 160.5 143.1 214.7
115 61.6 55.0 82.4



#2
1,4-Dioxane
Concen: 10.339 ng
RT: 3.360 min Scan# 46
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion: 88 Resp: 23519
Ion Ratio Lower Upper
88 100
58 83.3 73.8 110.6
43 36.0 32.0 48.0

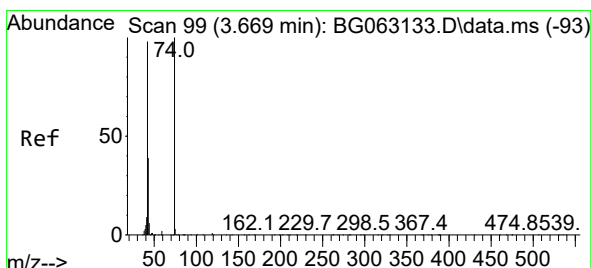
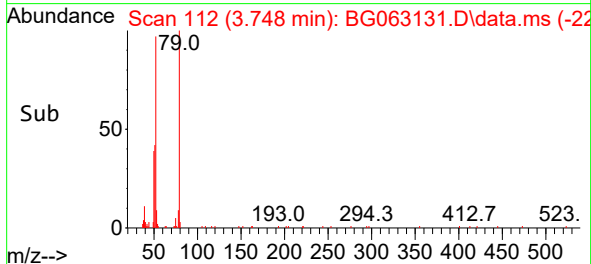
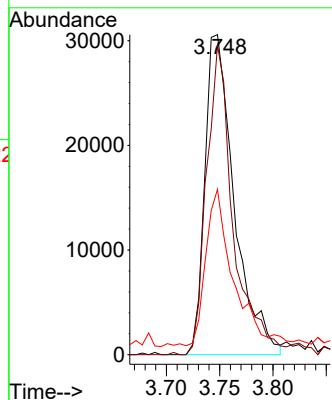
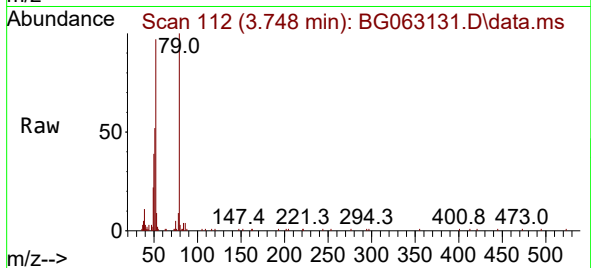




#3
Pyridine
Concen: 10.694 ng
RT: 3.748 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

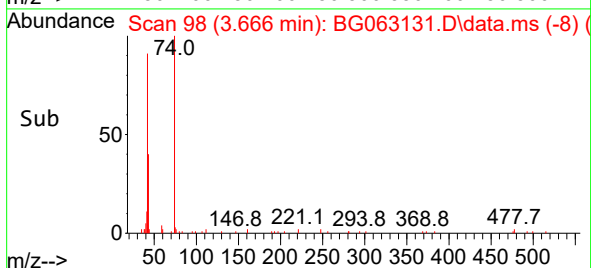
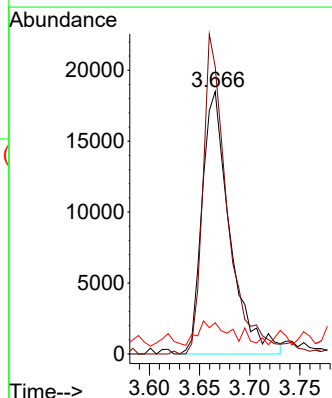
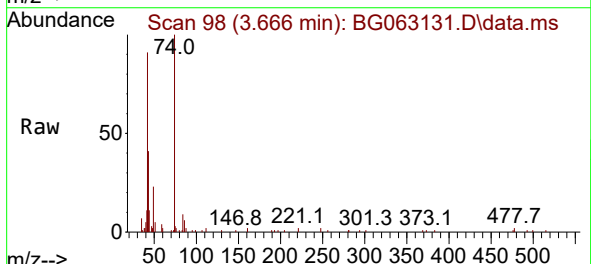
Instrument :
BNA_G
ClientSampleId :

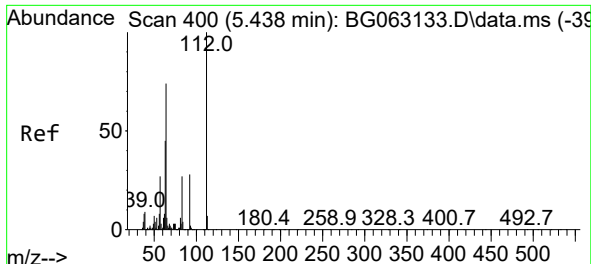
Tgt Ion: 79 Resp: 58738
Ion Ratio Lower Upper
79 100
52 96.7 66.1 99.1
51 51.7 36.6 54.8



#4
n-Nitrosodimethylamine
Concen: 10.440 ng
RT: 3.666 min Scan# 98
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion: 42 Resp: 35618
Ion Ratio Lower Upper
42 100
74 109.3 81.9 122.9
44 11.9 5.8 8.8

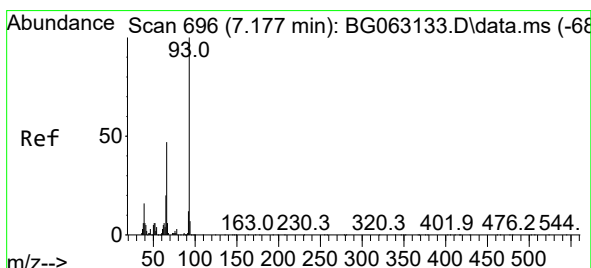
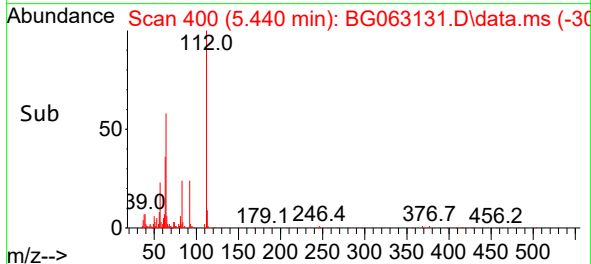
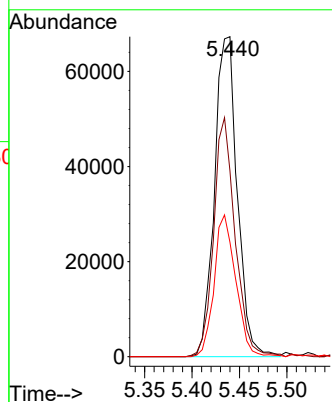
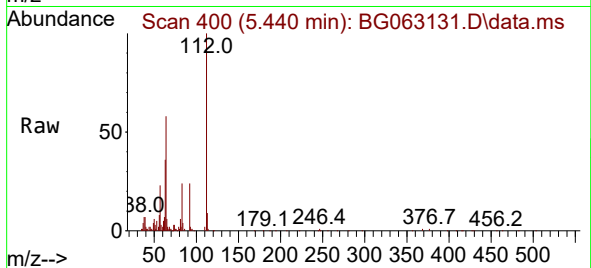




#5
2-Fluorophenol
Concen: 19.489 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

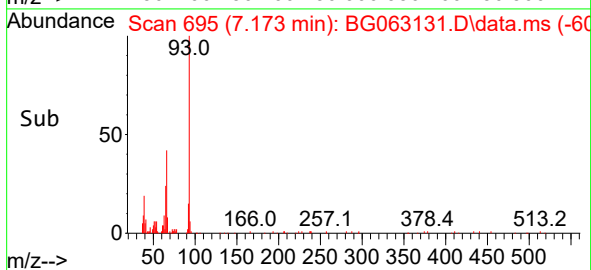
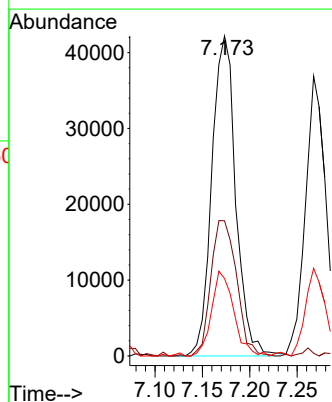
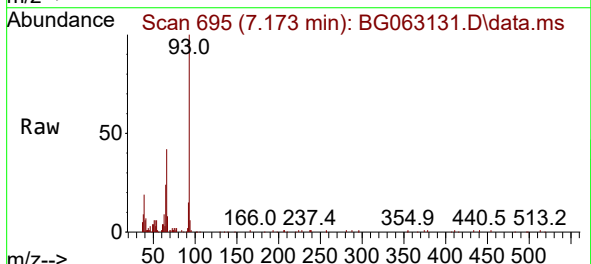
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ClientSampleId :

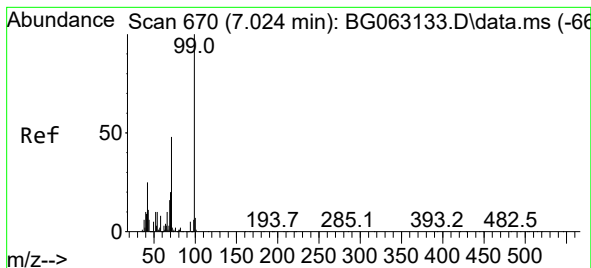
Tgt Ion:112 Resp: 112853
Ion Ratio Lower Upper
112 100
64 58.1 59.4 89.0#
63 35.7 35.8 53.6#



#6
Aniline
Concen: 10.852 ng
RT: 7.173 min Scan# 695
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion: 93 Resp: 74056
Ion Ratio Lower Upper
93 100
66 42.3 37.8 56.8
65 24.2 16.1 24.1#

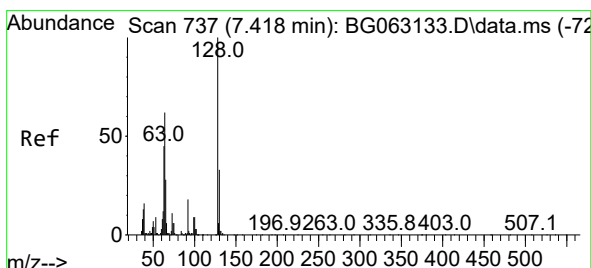
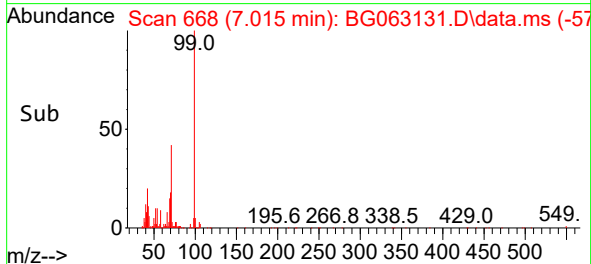
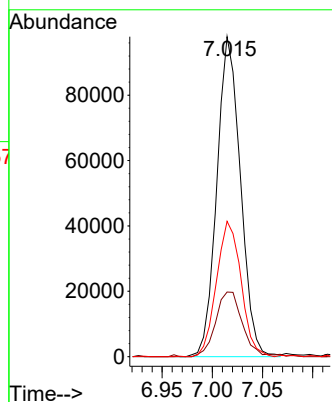
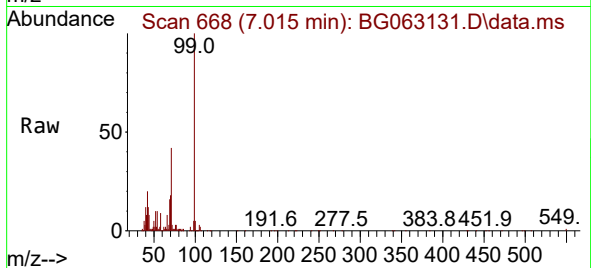




#7
Phenol-d6
Concen: 21.063 ng
RT: 7.015 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

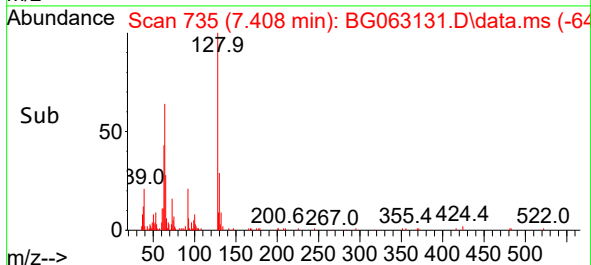
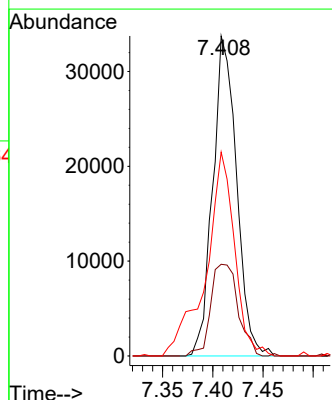
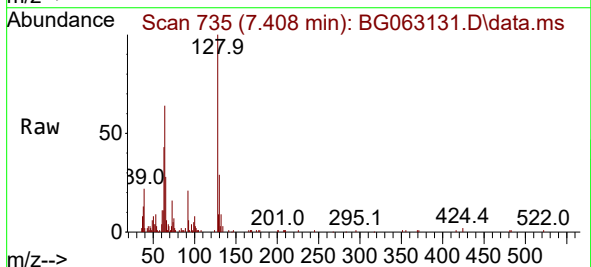
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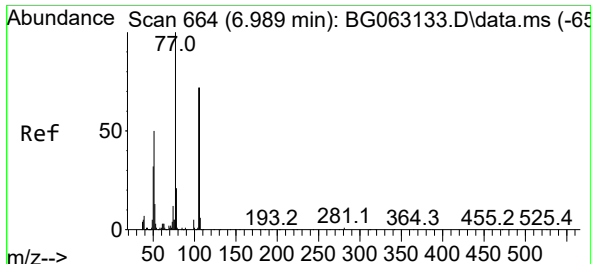
Tgt Ion: 99 Resp: 159830
Ion Ratio Lower Upper
99 100
42 20.2 20.0 30.0
71 42.3 38.2 57.4



#8
2-Chlorophenol
Concen: 10.343 ng
RT: 7.408 min Scan# 735
Delta R.T. -0.010 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:128 Resp: 55622
Ion Ratio Lower Upper
128 100
130 28.6 13.3 53.3
64 63.7 41.8 81.8

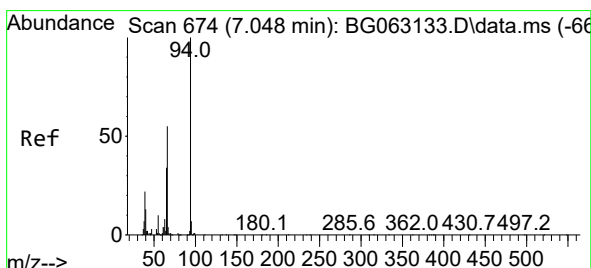
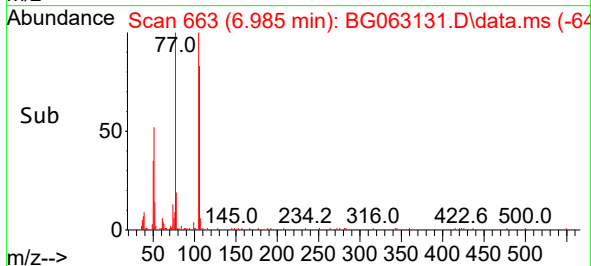
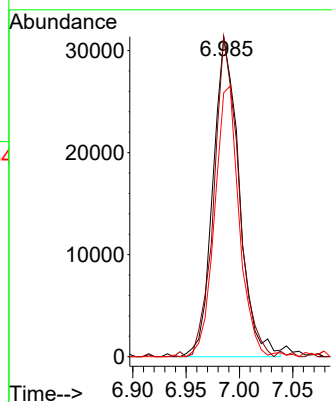
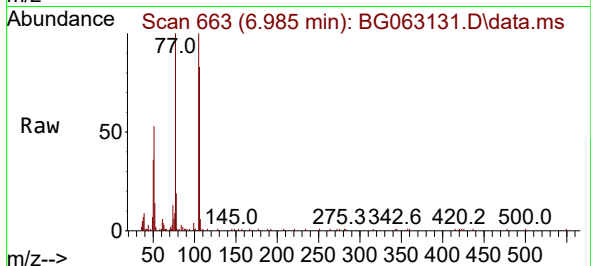




#9
Benzaldehyde
Concen: 11.320 ng
RT: 6.985 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

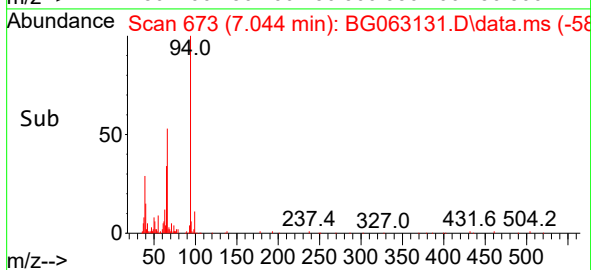
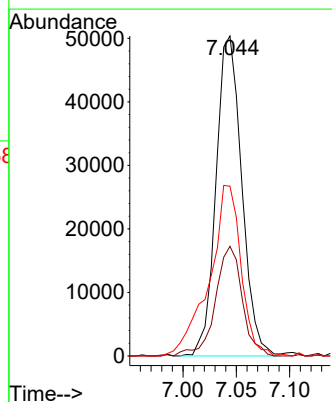
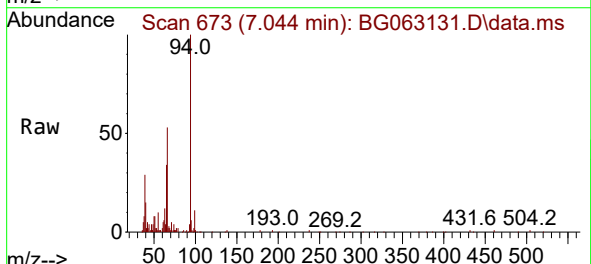
Instrument :
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ClientSampleId :

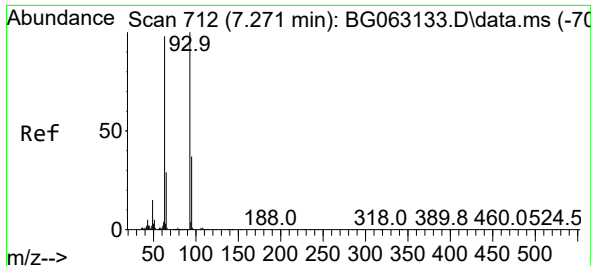
Tgt Ion: 77 Resp: 53377
Ion Ratio Lower Upper
77 100
105 100.3 52.2 92.2#
106 82.8 52.2 92.2



#10
Phenol
Concen: 10.413 ng
RT: 7.044 min Scan# 673
Delta R.T. -0.004 min
Lab File: BG063131.D
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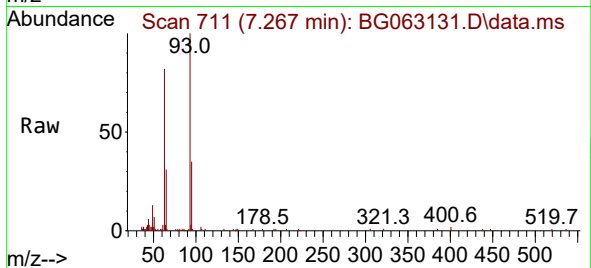
Tgt Ion: 94 Resp: 84650
Ion Ratio Lower Upper
94 100
65 34.2 14.2 54.2
66 53.1 36.2 76.2



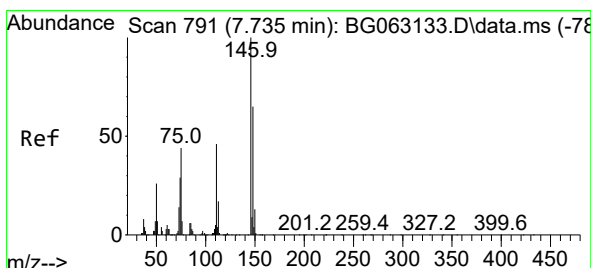
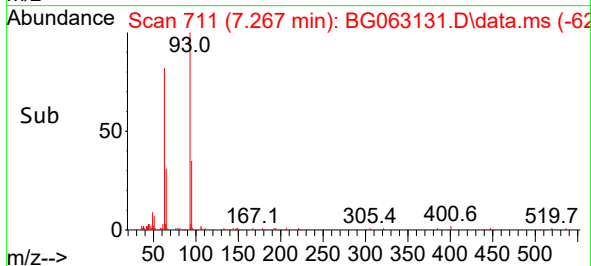
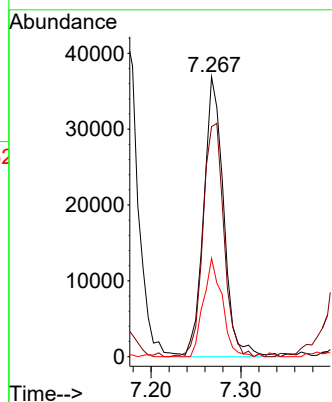


#11
bis(2-Chloroethyl)ether
Concen: 10.378 ng
RT: 7.267 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Instrument :
BNA_G
ClientSampleId :

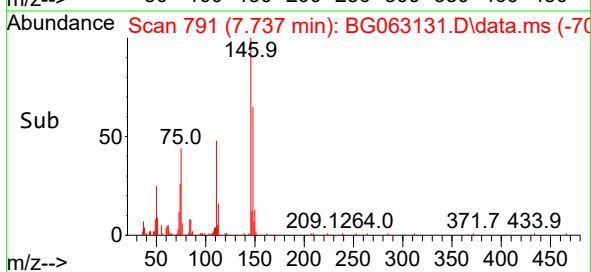
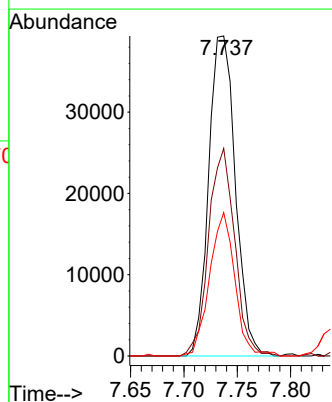
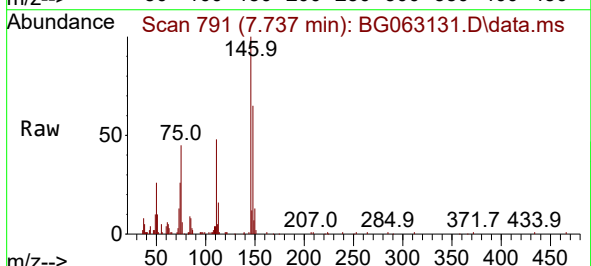


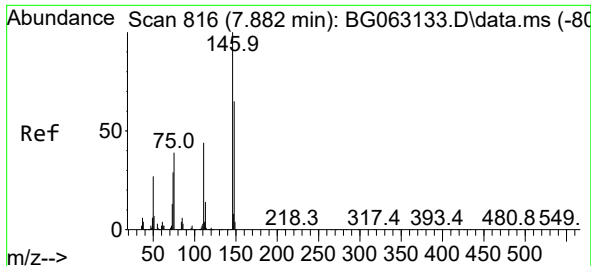
Tgt Ion: 93 Resp: 56896
Ion Ratio Lower Upper
93 100
63 82.2 77.5 117.5
95 35.1 16.5 56.5



#12
1,3-Dichlorobenzene
Concen: 10.508 ng
RT: 7.737 min Scan# 791
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:146 Resp: 68637
Ion Ratio Lower Upper
146 100
148 64.9 51.7 77.5
75 44.8 35.7 53.5

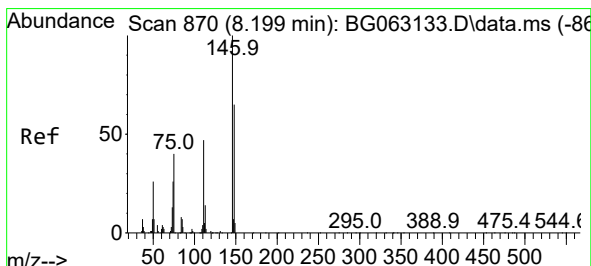
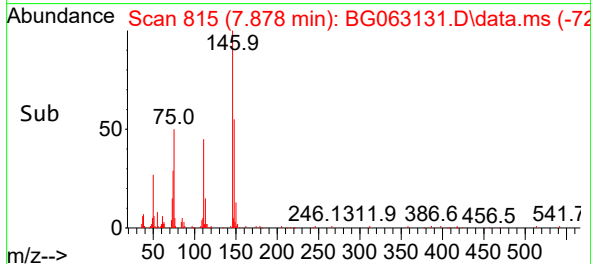
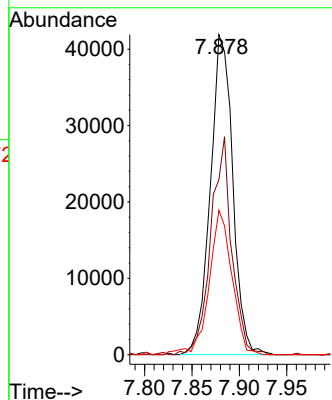
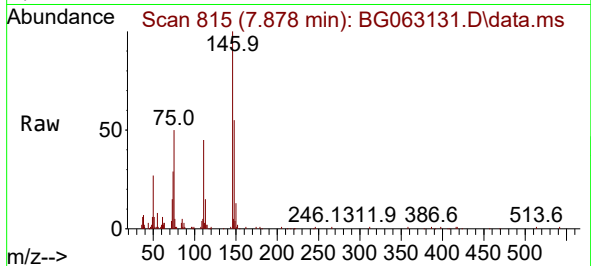




#13
1,4-Dichlorobenzene
Concen: 10.380 ng
RT: 7.878 min Scan# 816
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

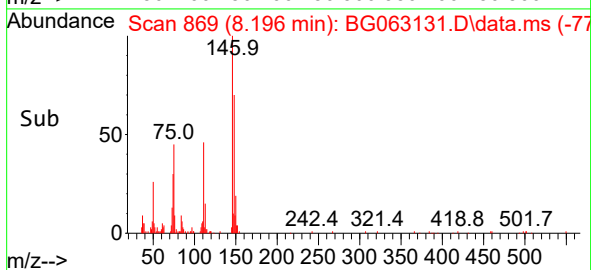
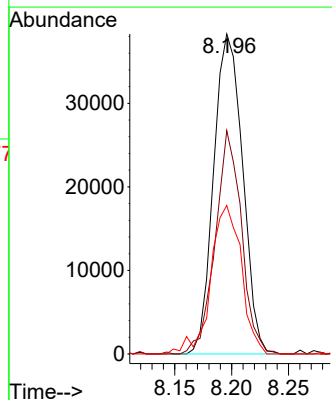
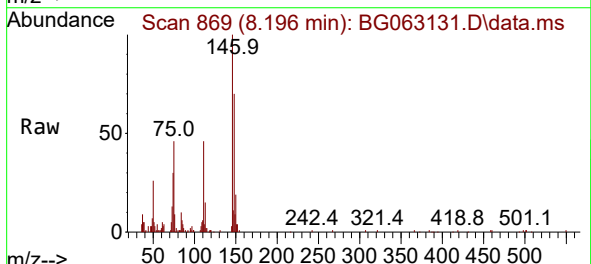
Instrument :
BNA_G
ClientSampleId :

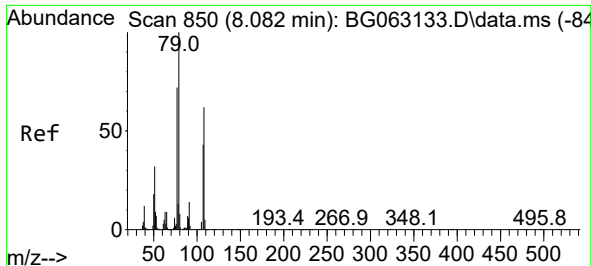
Tgt Ion:146 Resp: 69035
Ion Ratio Lower Upper
146 100
148 54.7 52.3 78.5
111 45.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 10.577 ng
RT: 8.196 min Scan# 869
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:146 Resp: 67809
Ion Ratio Lower Upper
146 100
148 69.8 52.3 78.5
111 46.4 38.5 57.7

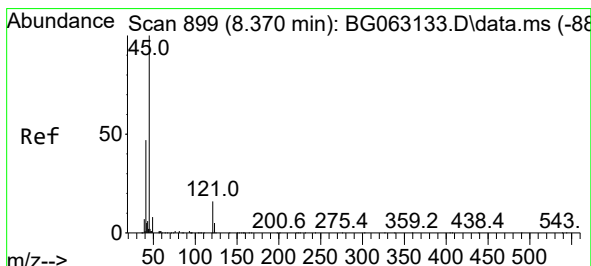
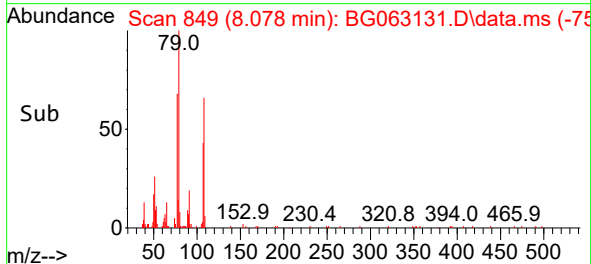
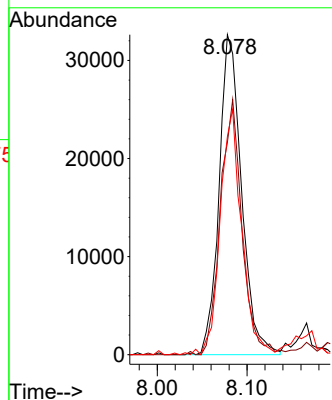
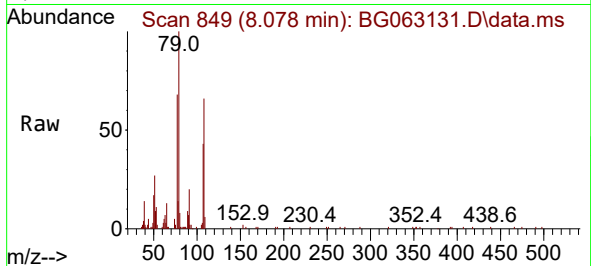




#15
Benzyl Alcohol
Concen: 9.285 ng
RT: 8.078 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

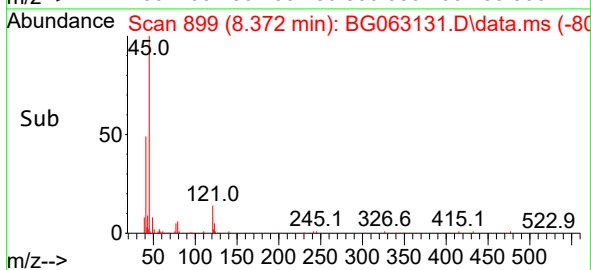
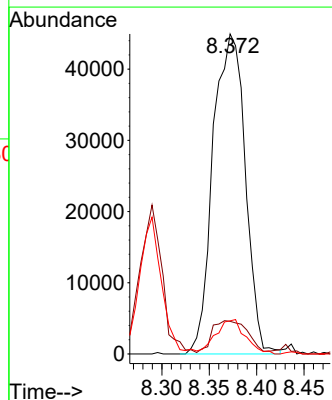
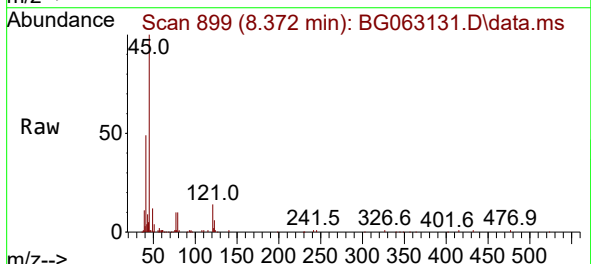
Instrument :
BNA_G
ClientSampleId :

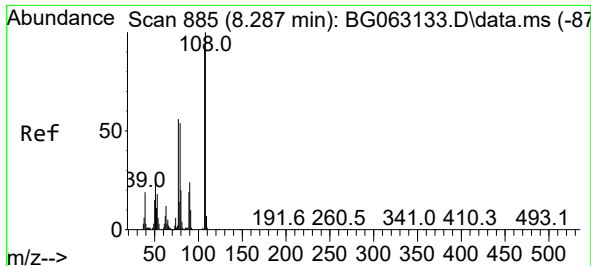
Tgt Ion: 79 Resp: 56615
Ion Ratio Lower Upper
79 100
108 66.4 49.5 74.3
77 68.2 57.6 86.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.695 ng
RT: 8.372 min Scan# 899
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion: 45 Resp: 106362
Ion Ratio Lower Upper
45 100
77 10.2 0.0 32.4
79 10.3 0.0 29.7

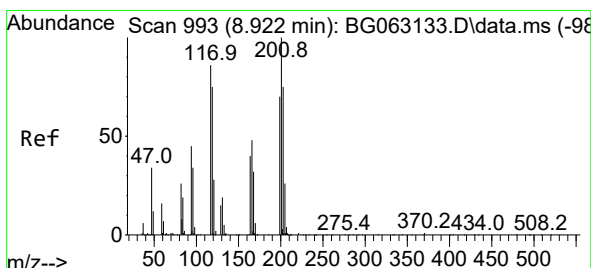
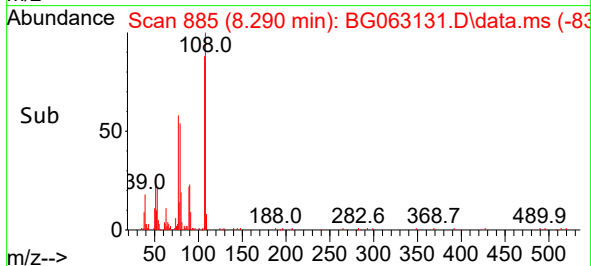
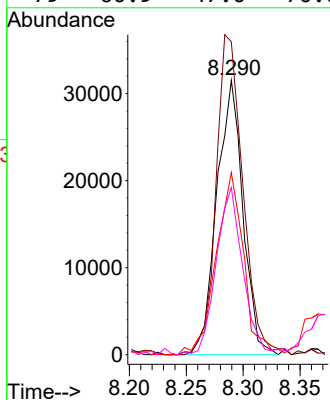
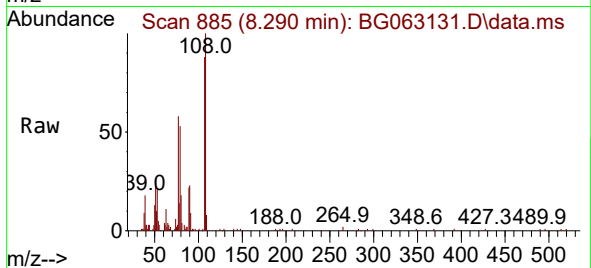




#17
2-Methylphenol
Concen: 9.741 ng
RT: 8.290 min Scan# 885
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

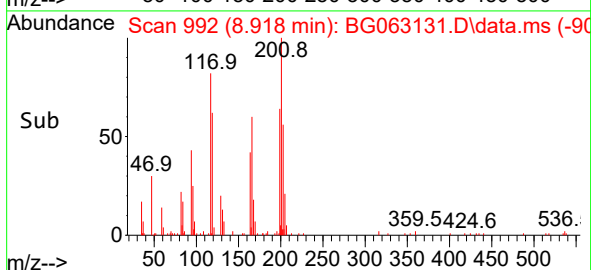
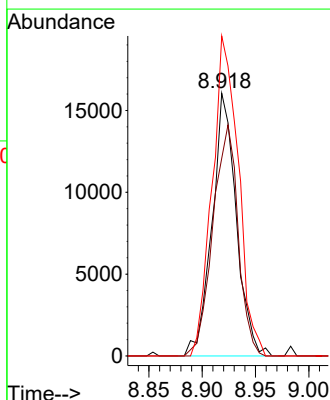
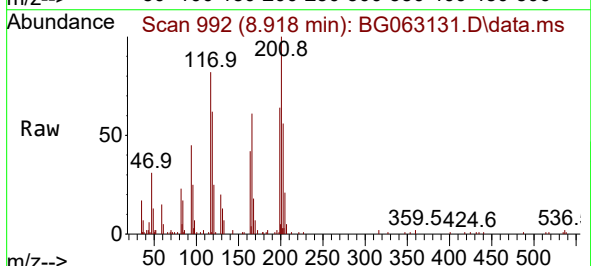
Instrument :
BNA_G
ClientSampleId :

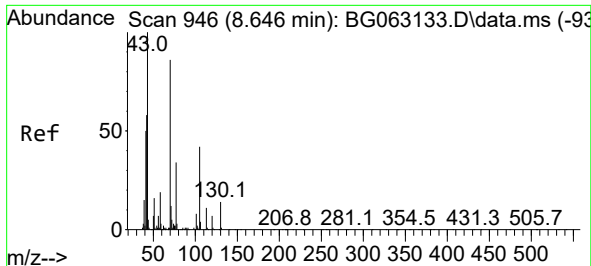
Tgt Ion:	107	Resp:	50374
Ion Ratio	Lower	Upper	
107	100		
108	114.1	87.1	130.7
77	66.4	48.9	73.3
79	60.9	47.0	70.6



#18
Hexachloroethane
Concen: 10.641 ng
RT: 8.918 min Scan# 992
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:	117	Resp:	25327
Ion Ratio	Lower	Upper	
117	100		
119	75.2	69.7	104.5
201	121.8	92.6	138.8

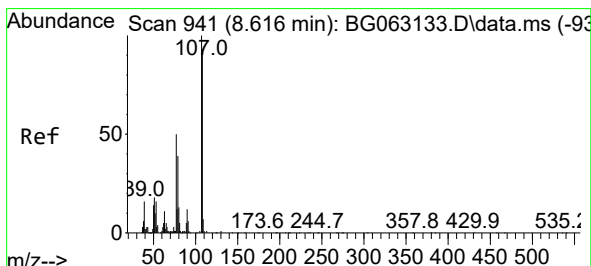
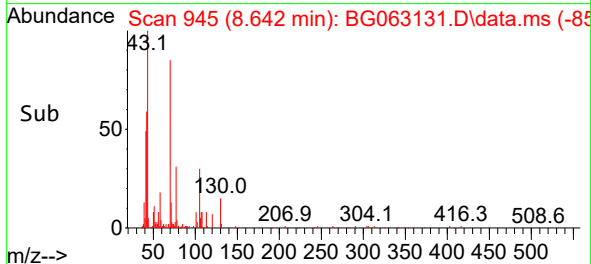
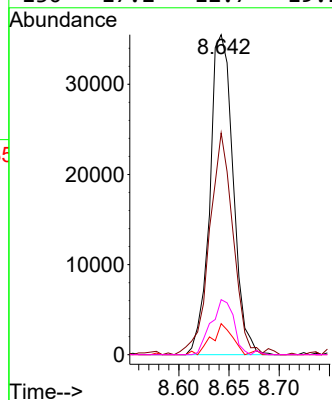
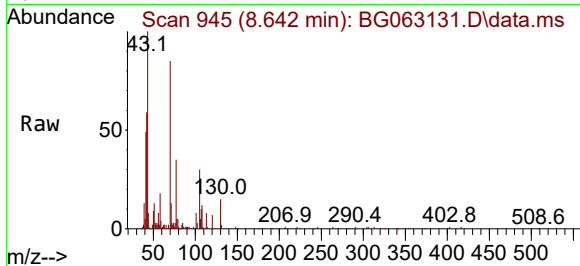




#19
n-Nitroso-di-n-propylamine
Concen: 10.846 ng
RT: 8.642 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

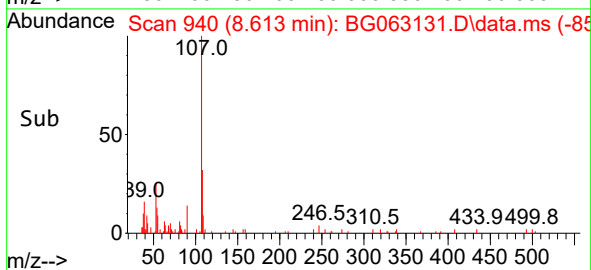
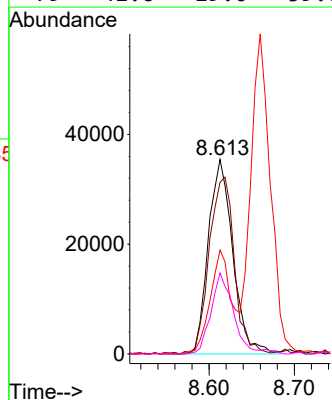
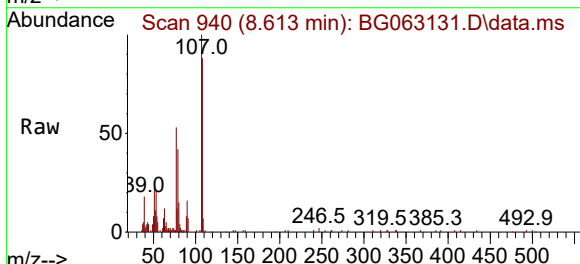
Instrument :
BNA_G
ClientSampleId :

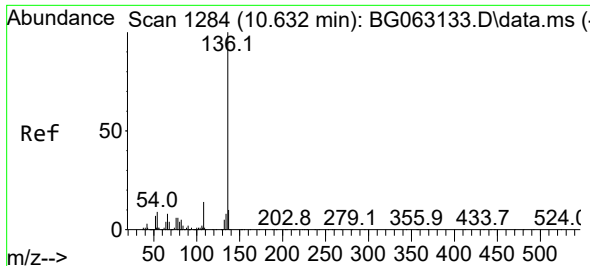
Tgt Ion: 70 Resp: 57317
Ion Ratio Lower Upper
70 100
42 69.3 54.2 81.2
101 9.7 7.7 11.5
130 17.2 12.7 19.1



#20
3+4-Methylphenols
Concen: 10.262 ng
RT: 8.613 min Scan# 940
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

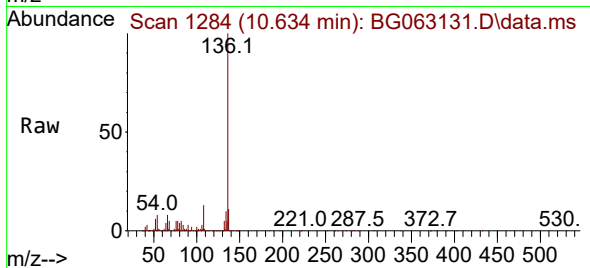
Tgt Ion:107 Resp: 70965
Ion Ratio Lower Upper
107 100
108 88.3 73.1 113.1
77 53.5 30.2 70.2
79 41.6 19.0 59.0



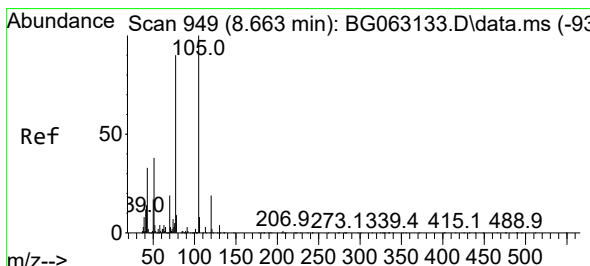
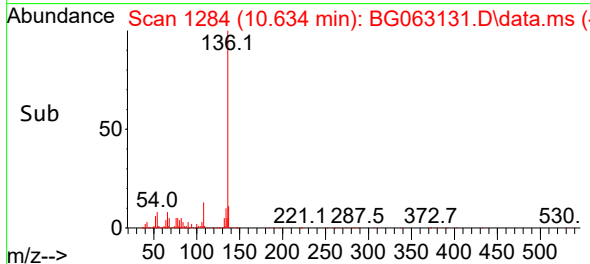
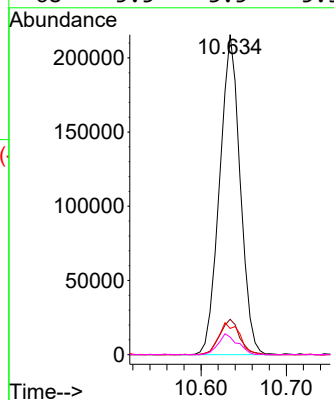


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Instrument :
BNA_G
ClientSampleId :

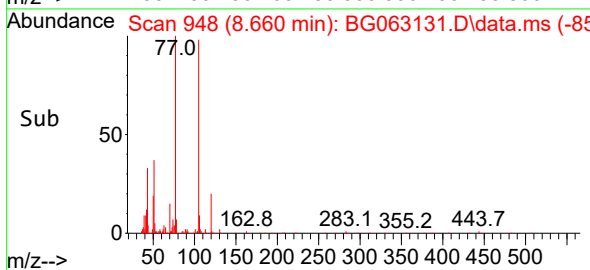
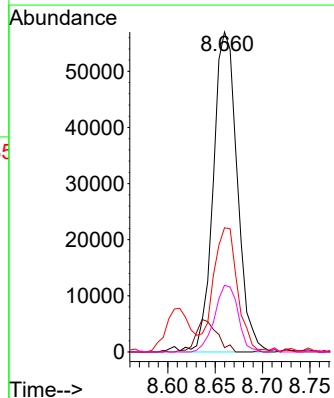
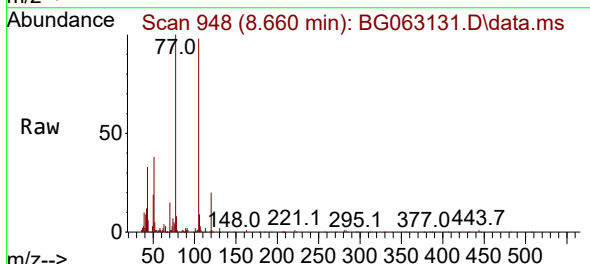


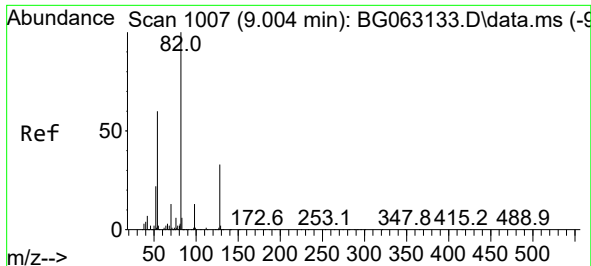
Tgt Ion:136 Resp: 360846
Ion Ratio Lower Upper
136 100
137 11.1 7.8 11.6
54 8.2 7.3 10.9
68 5.5 3.5 5.3#



#22
Acetophenone
Concen: 10.359 ng
RT: 8.660 min Scan# 948
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:105 Resp: 100160
Ion Ratio Lower Upper
105 100
71 1.4 2.3 3.5#
51 38.8 30.5 45.7
120 20.9 15.4 23.2

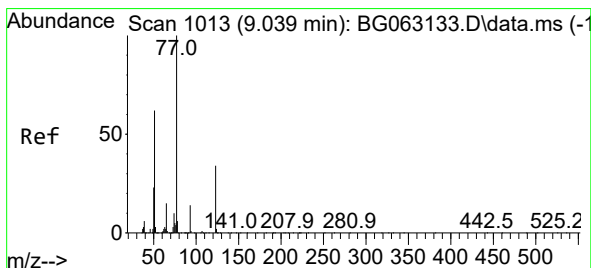
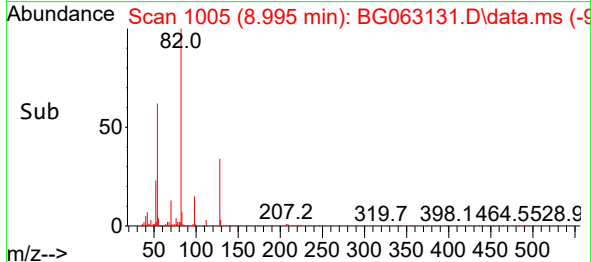
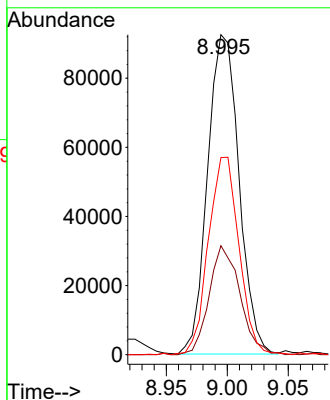
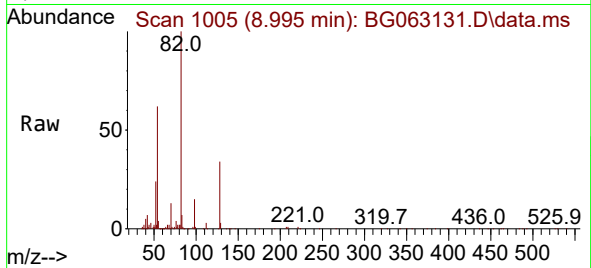




#23
Nitrobenzene-d5
Concen: 20.011 ng
RT: 8.995 min Scan# 1005
Delta R.T. -0.010 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

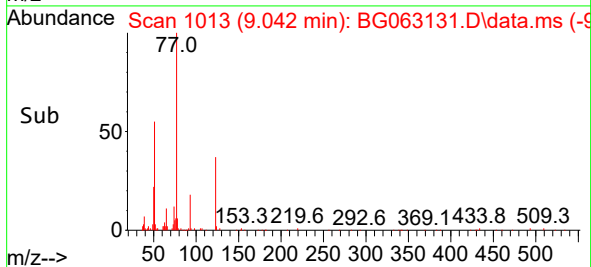
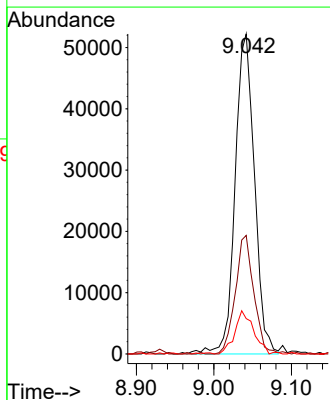
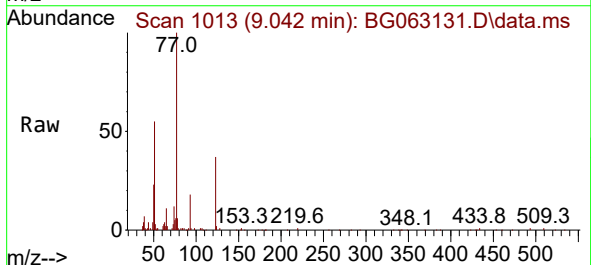
Instrument :
BNA_G
ClientSampleId :

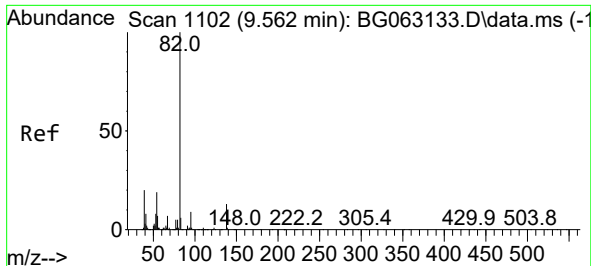
Tgt Ion: 82 Resp: 166029
Ion Ratio Lower Upper
82 100
128 34.1 26.6 39.8
54 61.6 47.8 71.8



#24
Nitrobenzene
Concen: 10.109 ng
RT: 9.042 min Scan# 1013
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion: 77 Resp: 90687
Ion Ratio Lower Upper
77 100
123 37.1 26.9 40.3
65 11.1 12.3 18.5#





#25

Isophorone

Concen: 10.120 ng

RT: 9.559 min Scan# 1101

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

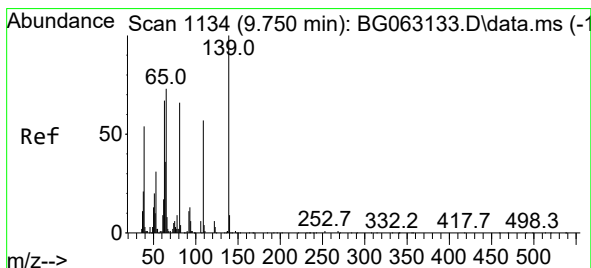
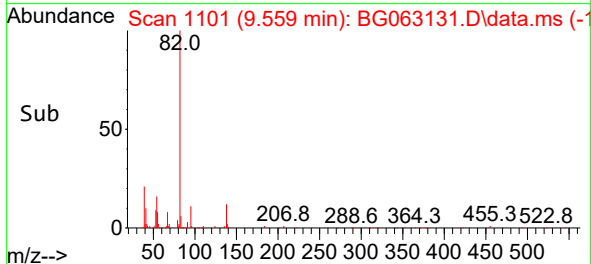
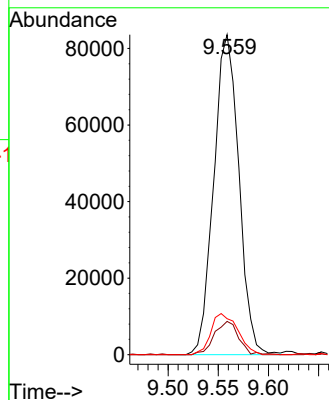
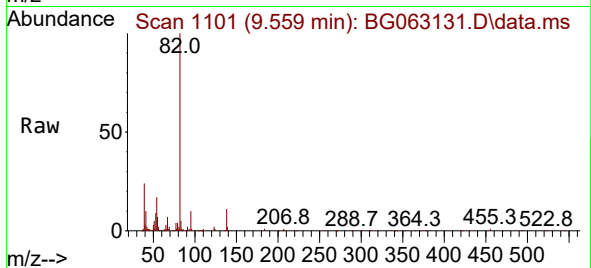
Tgt Ion: 82 Resp: 145228

Ion Ratio Lower Upper

82 100

95 10.4 7.4 11.0

138 11.2 10.3 15.5



#26

2-Nitrophenol

Concen: 9.707 ng

RT: 9.758 min Scan# 1135

Delta R.T. 0.008 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

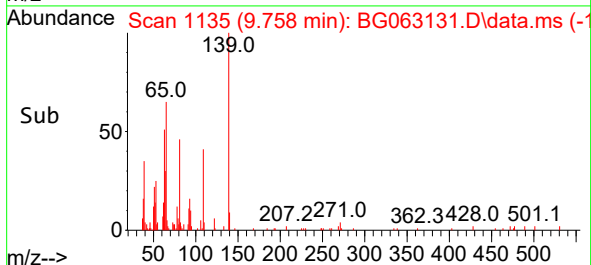
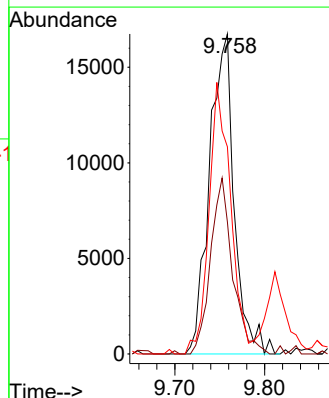
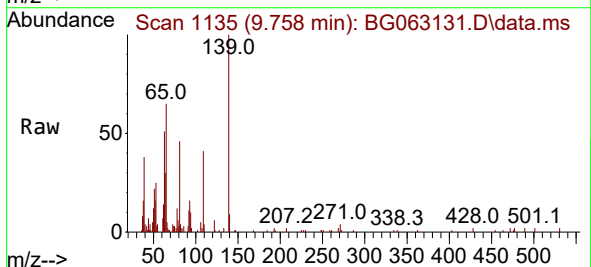
Tgt Ion:139 Resp: 32029

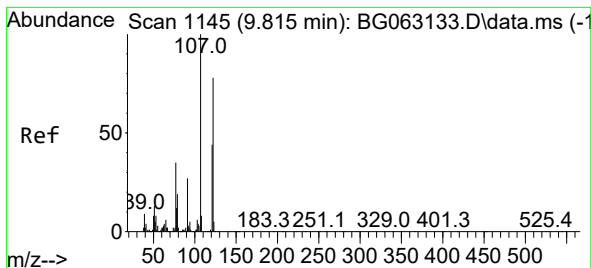
Ion Ratio Lower Upper

139 100

109 41.3 45.4 68.0#

65 64.7 58.4 87.6





#27

2,4-Dimethylphenol

Concen: 10.113 ng

RT: 9.811 min Scan# 1145

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

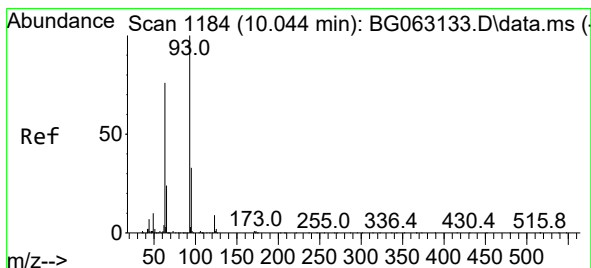
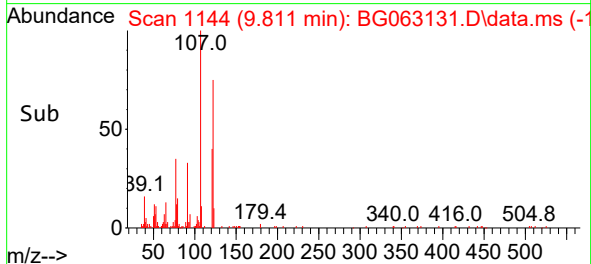
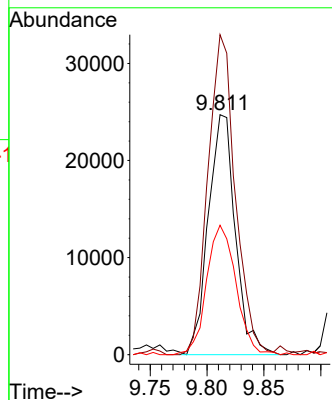
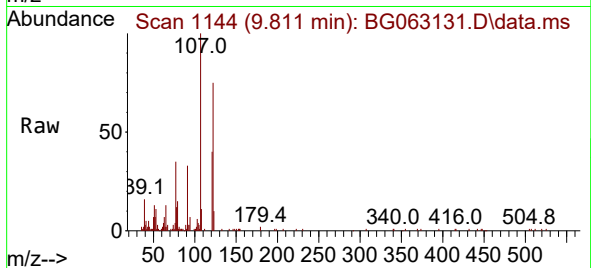
Tgt Ion:122 Resp: 41019

Ion Ratio Lower Upper

122 100

107 133.3 101.8 152.6

121 53.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.010 ng

RT: 10.046 min Scan# 1184

Delta R.T. 0.002 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

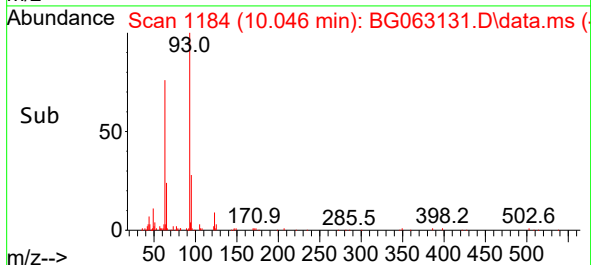
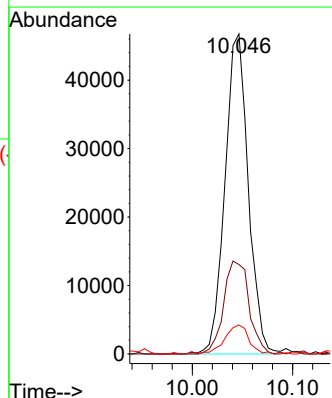
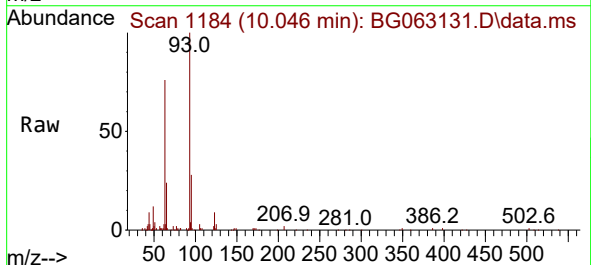
Tgt Ion: 93 Resp: 75326

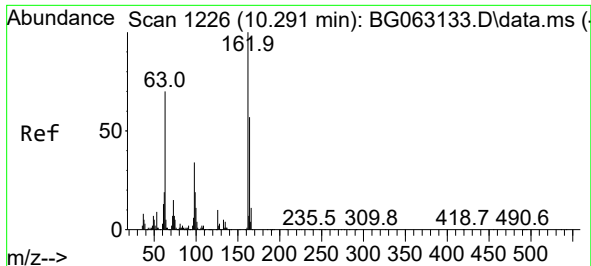
Ion Ratio Lower Upper

93 100

95 27.9 26.1 39.1

123 9.5 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 9.854 ng

RT: 10.287 min Scan# 1225

Delta R.T. -0.004 min

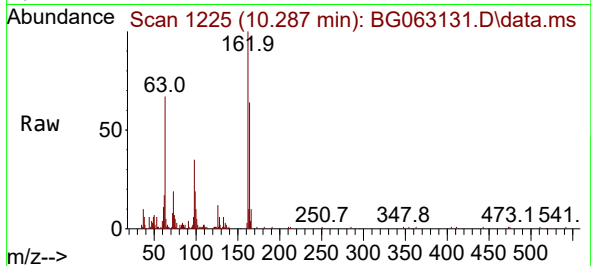
Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :



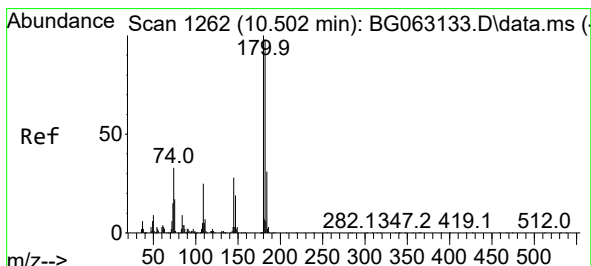
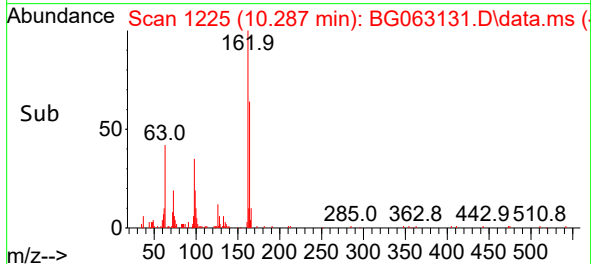
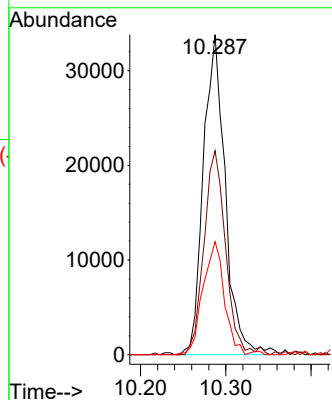
Tgt Ion:162 Resp: 60370

Ion Ratio Lower Upper

162 100

164 63.7 37.2 77.2

98 35.3 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 9.661 ng

RT: 10.499 min Scan# 1261

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

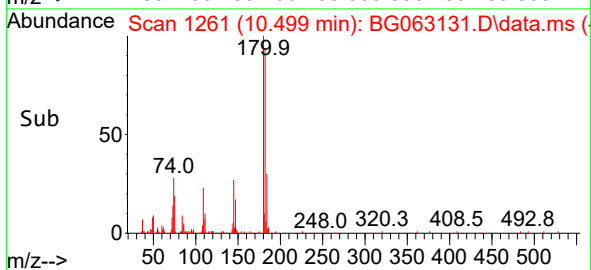
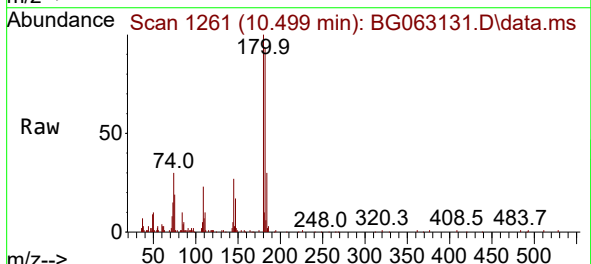
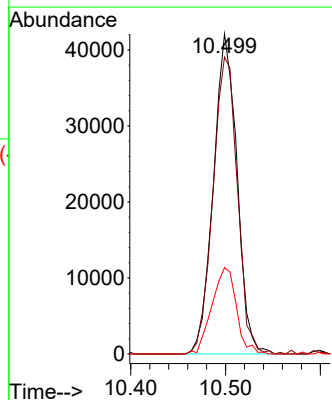
Tgt Ion:180 Resp: 72800

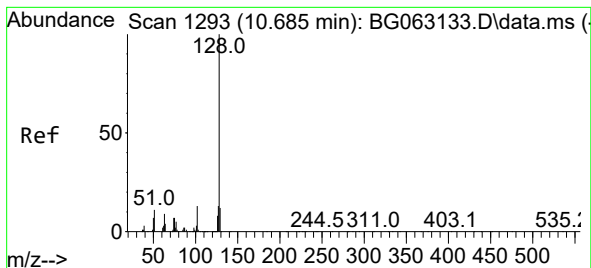
Ion Ratio Lower Upper

180 100

182 92.8 78.5 117.7

145 27.0 22.6 34.0





#31

Naphthalene

Concen: 10.095 ng

RT: 10.687 min Scan# 1162

Delta R.T. 0.002 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNL_G

ClientSampleId :

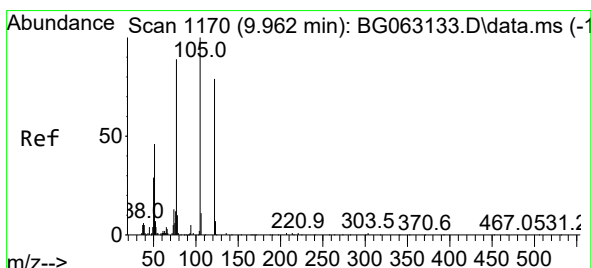
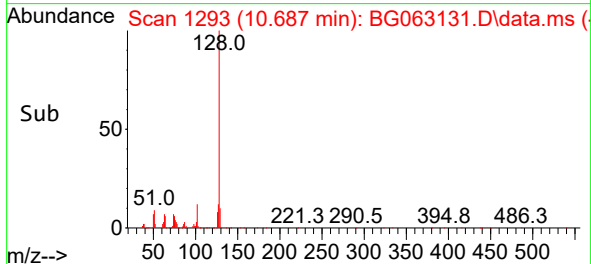
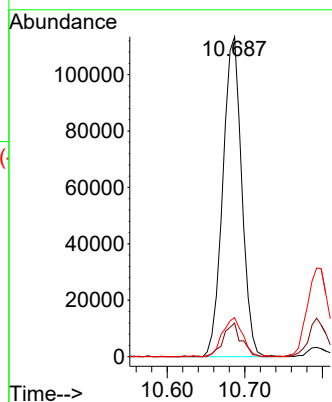
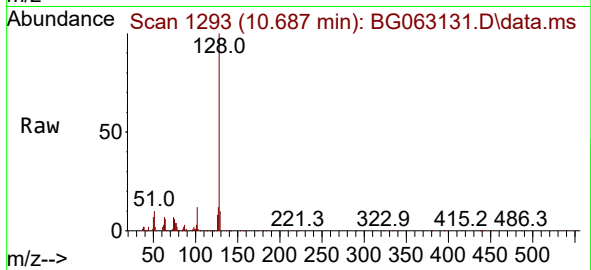
Tgt Ion:128 Resp: 192167

Ion Ratio Lower Upper

128 100

129 10.5 9.5 14.3

127 12.2 10.7 16.1



#32

Benzoic acid

Concen: 6.066 ng

RT: 9.917 min Scan# 1162

Delta R.T. -0.045 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

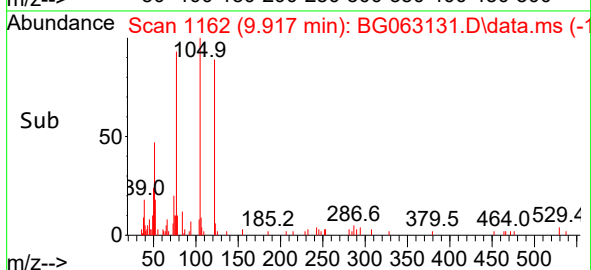
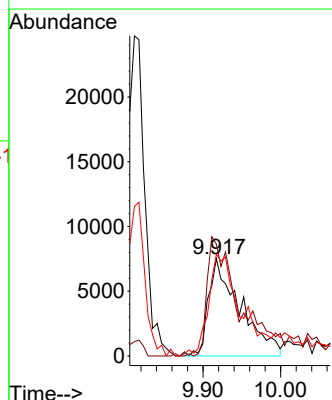
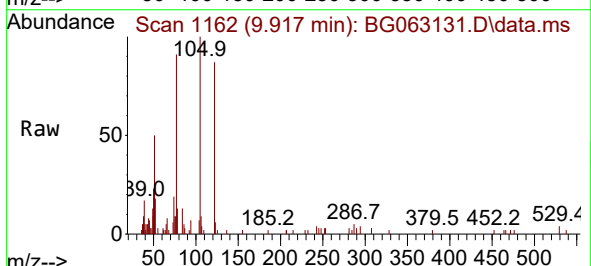
Tgt Ion:122 Resp: 21494

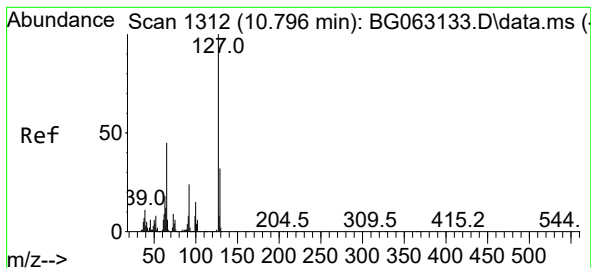
Ion Ratio Lower Upper

122 100

105 115.0 105.2 145.2

77 104.6 93.0 133.0

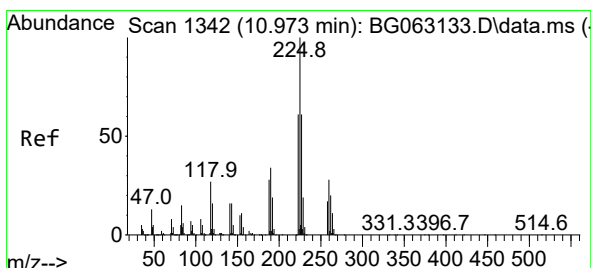
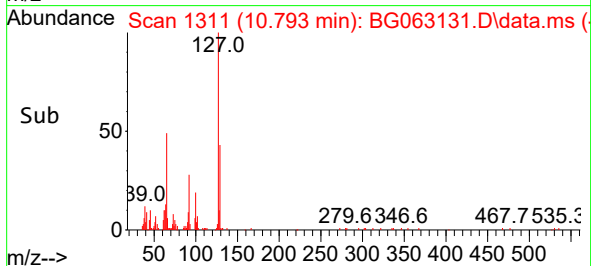
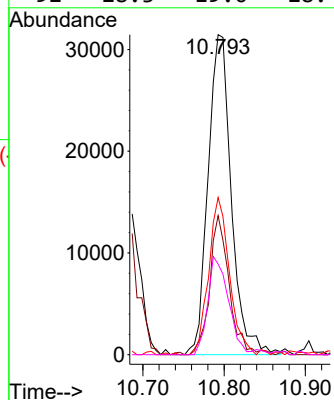
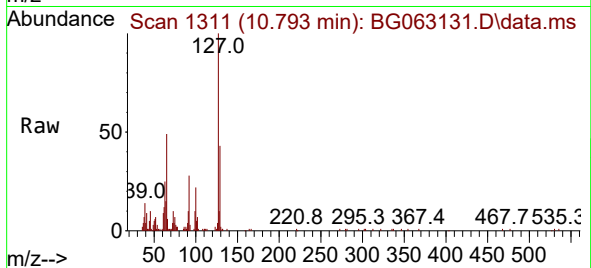




#33
4-Chloroaniline
Concen: 9.768 ng
RT: 10.793 min Scan# 1311
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

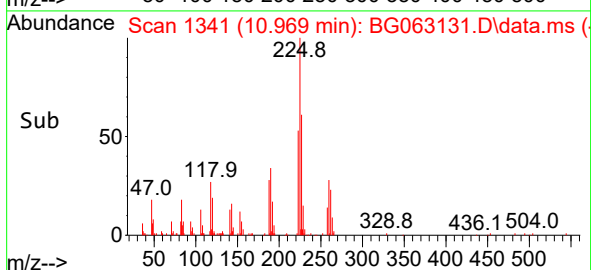
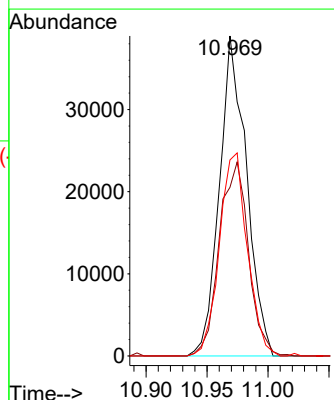
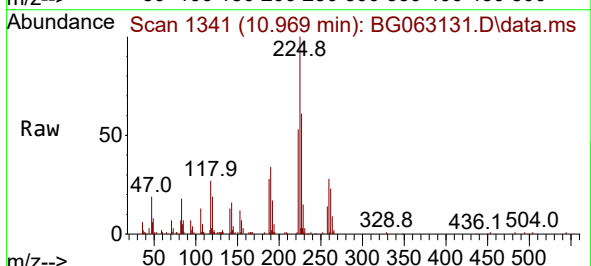
Instrument :
BNA_G
ClientSampleId :

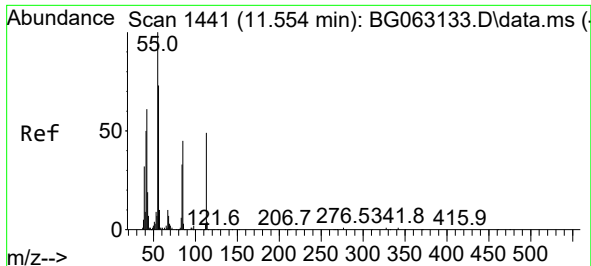
Tgt Ion:127	Resp: 62750
Ion Ratio	Lower Upper
127 100	
129 43.5	25.6 38.4#
65 49.1	36.4 54.6
92 28.3	19.0 28.4



#34
Hexachlorobutadiene
Concen: 9.711 ng
RT: 10.969 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:225	Resp: 60224
Ion Ratio	Lower Upper
225 100	
223 52.7	46.2 69.4
227 61.3	46.2 69.4

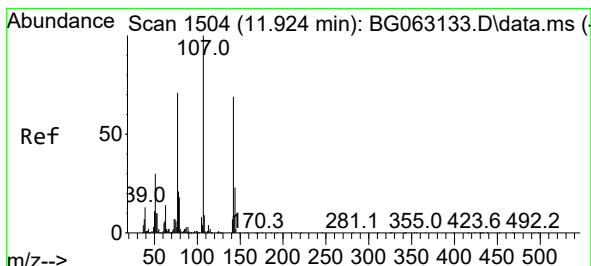
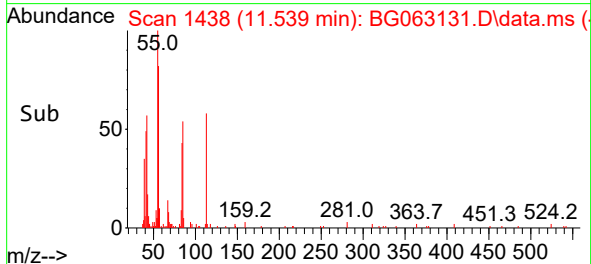
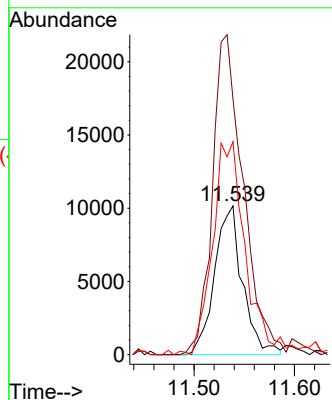
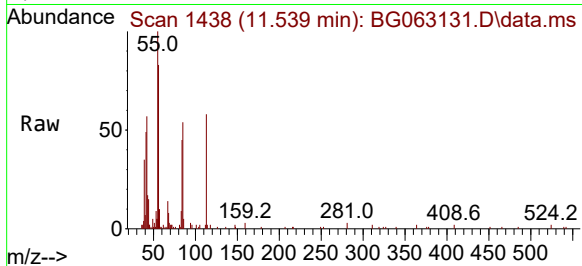




#35
Caprolactam
Concen: 10.034 ng
RT: 11.539 min Scan# 14
Delta R.T. -0.015 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

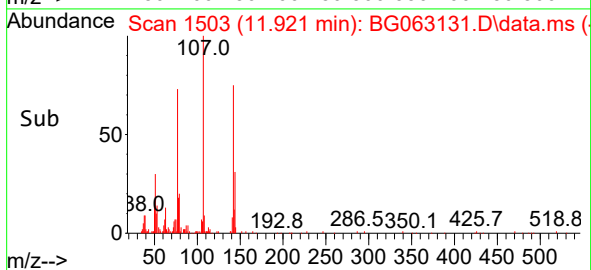
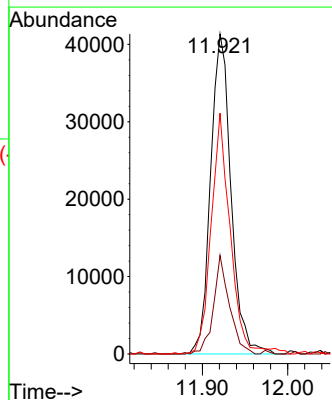
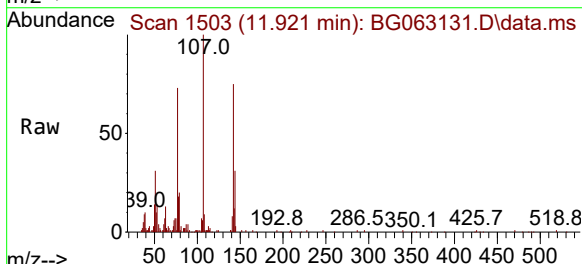
Instrument :
BNA_G
ClientSampleId :

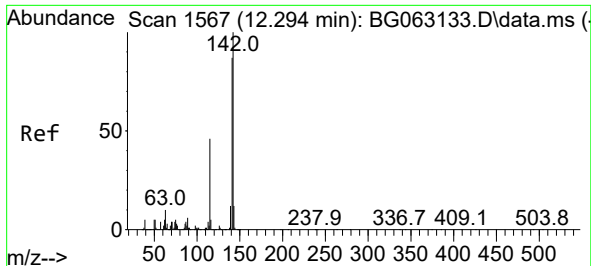
Tgt Ion:113 Resp: 19633
Ion Ratio Lower Upper
113 100
55 171.6 187.0 227.0#
56 143.1 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 9.756 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:107 Resp: 68858
Ion Ratio Lower Upper
107 100
144 33.6 18.5 27.7#
142 75.2 55.0 82.4





#37

2-Methylnaphthalene

Concen: 10.407 ng

RT: 12.297 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

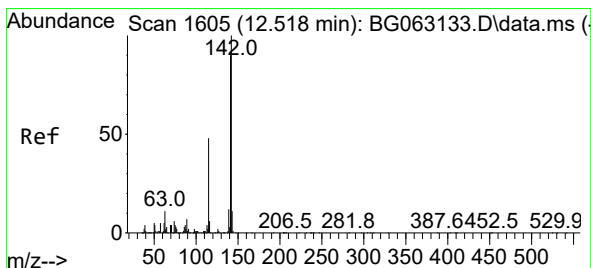
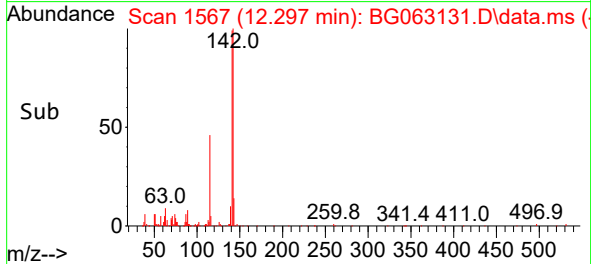
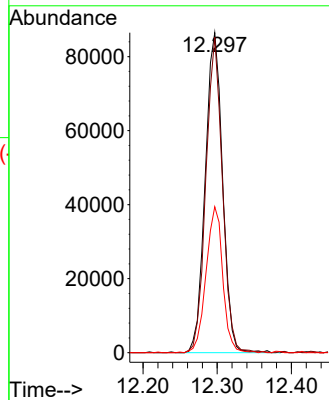
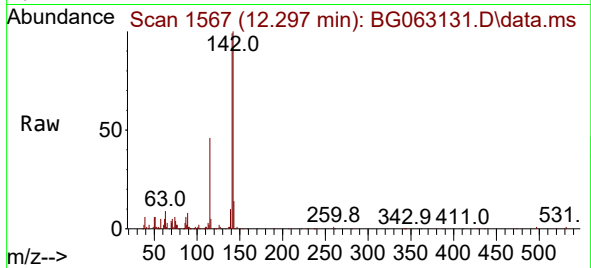
Tgt Ion:142 Resp: 140518

Ion Ratio Lower Upper

142 100

141 98.6 69.2 103.8

115 45.6 36.6 54.8



#38

1-Methylnaphthalene

Concen: 10.419 ng

RT: 12.514 min Scan# 1604

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

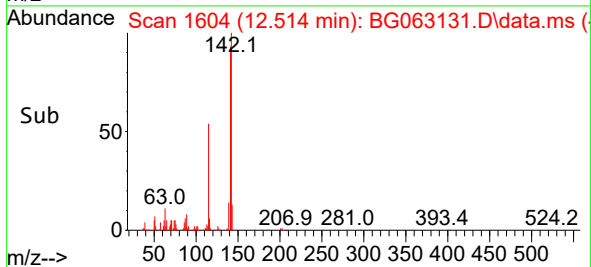
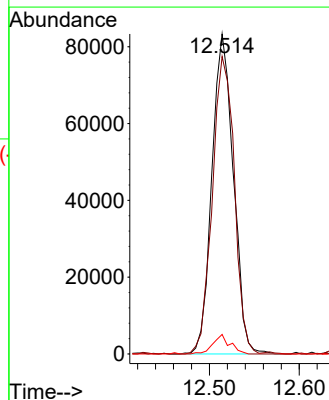
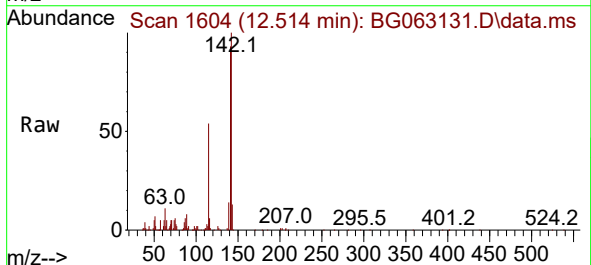
Tgt Ion:142 Resp: 138478

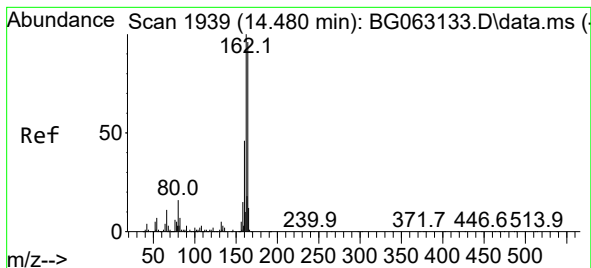
Ion Ratio Lower Upper

142 100

141 92.9 72.2 108.4

116 6.1 4.5 6.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.477 min Scan# 1939

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

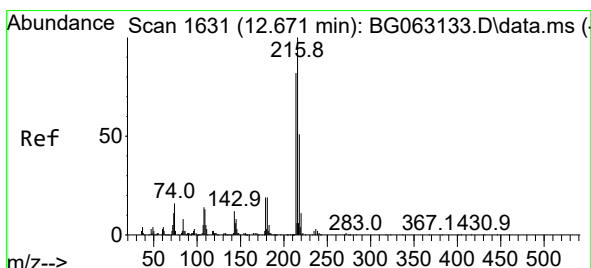
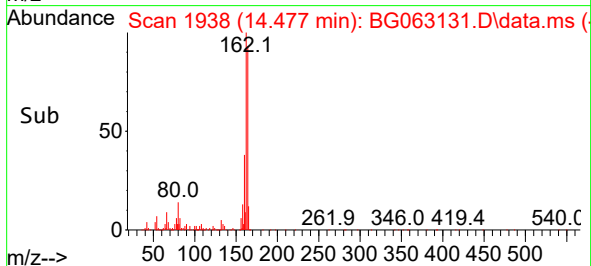
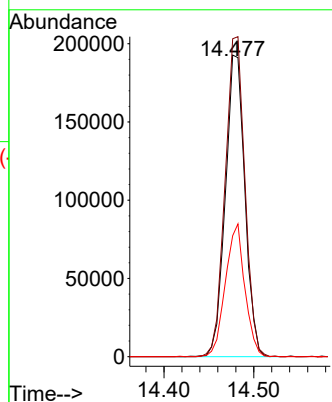
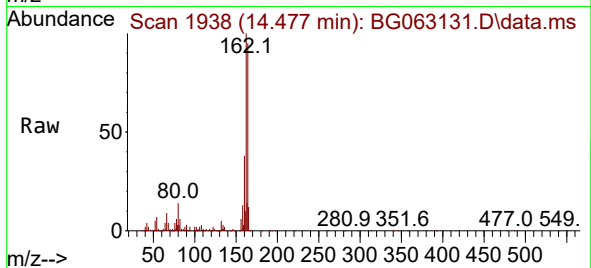
Tgt Ion:164 Resp: 290744

Ion Ratio Lower Upper

164 100

162 105.4 83.4 125.0

160 40.1 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.878 ng

RT: 12.667 min Scan# 1630

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Tgt Ion:216 Resp: 103206

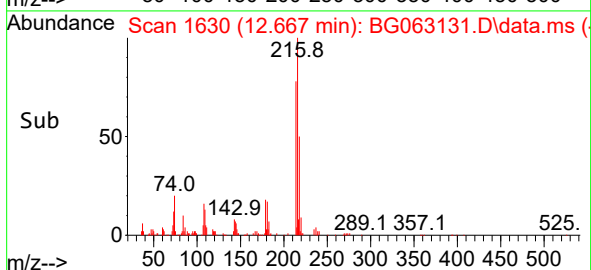
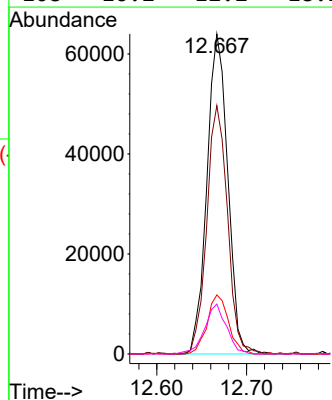
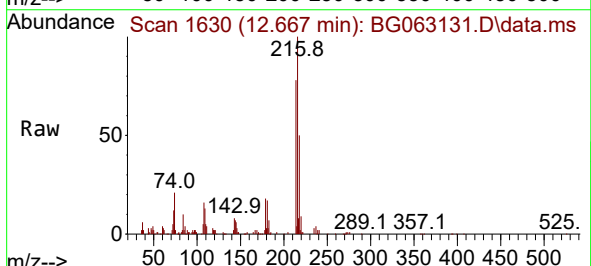
Ion Ratio Lower Upper

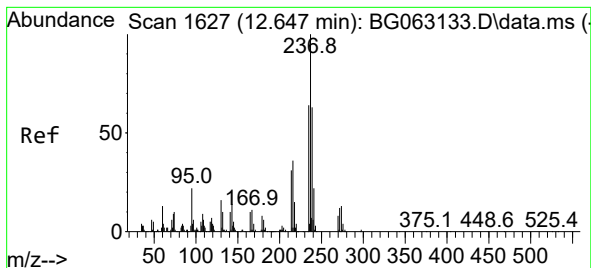
216 100

214 77.1 63.8 95.6

179 18.9 15.7 23.5

108 16.2 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 7.860 ng

RT: 12.643 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063131.D

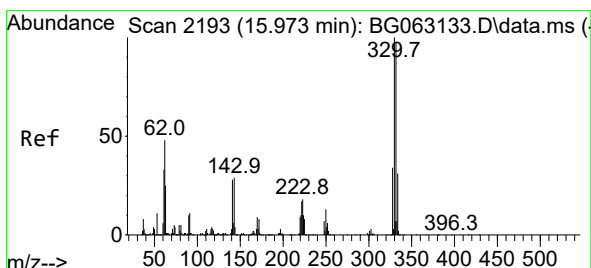
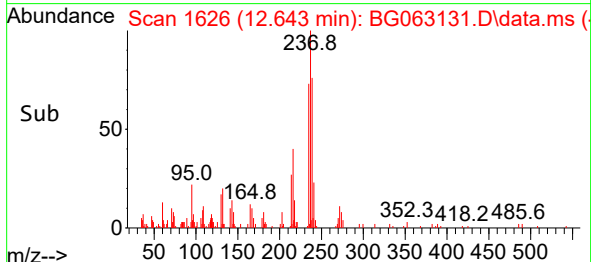
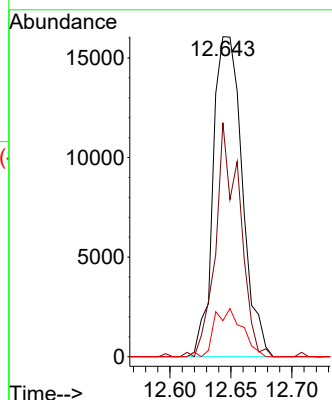
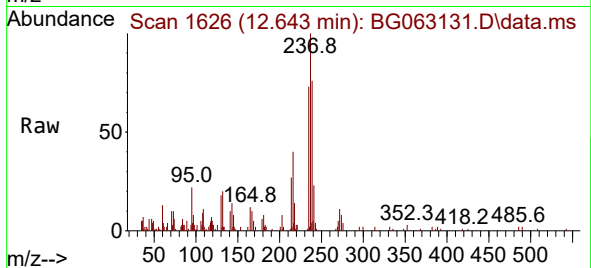
Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	237	Resp:	26682
Ion Ratio	Lower	Upper	
237	100		
235	72.6	43.8	83.8
272	10.8	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 19.756 ng

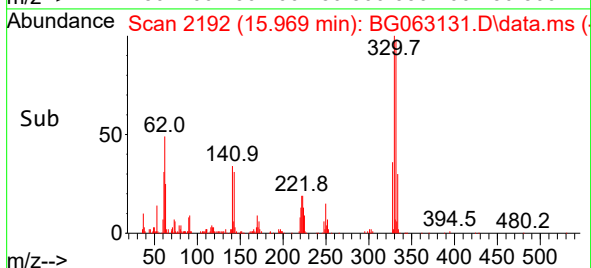
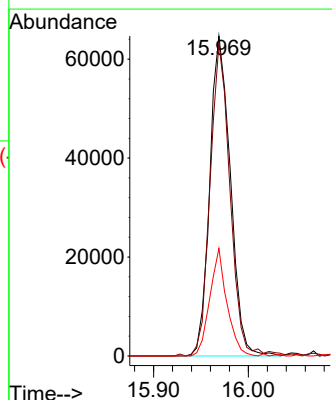
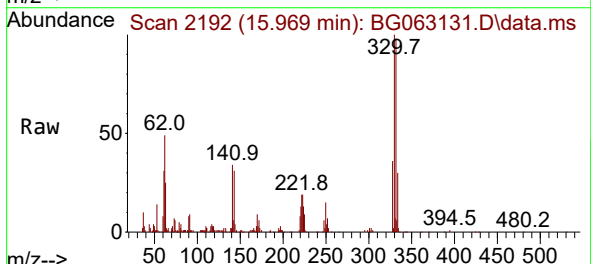
RT: 15.969 min Scan# 2192

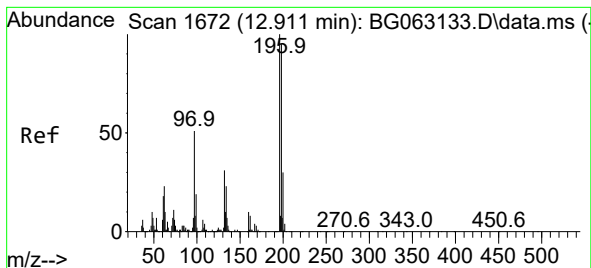
Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Tgt Ion:	330	Resp:	97569
Ion Ratio	Lower	Upper	
330	100		
332	94.7	78.6	117.8
141	27.9	22.6	34.0





#43

2,4,6-Trichlorophenol

Concen: 10.794 ng

RT: 12.984 min Scan# 1

Delta R.T. 0.073 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

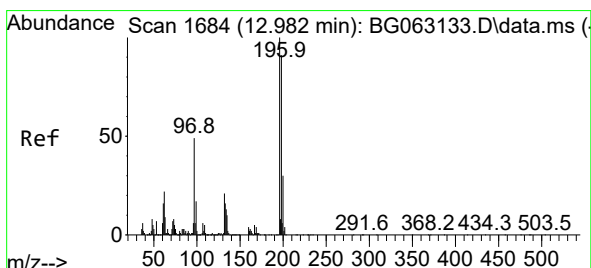
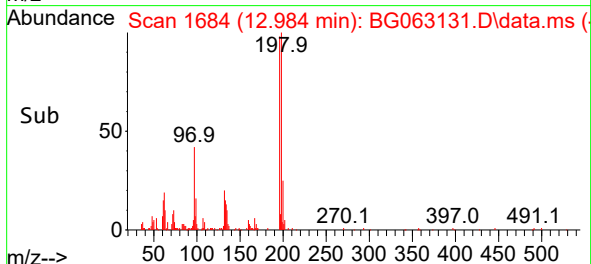
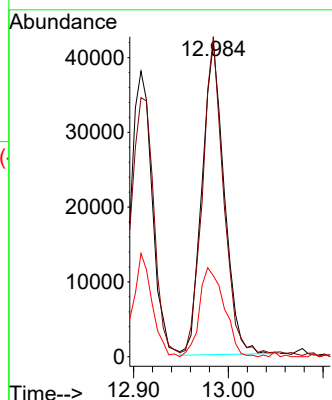
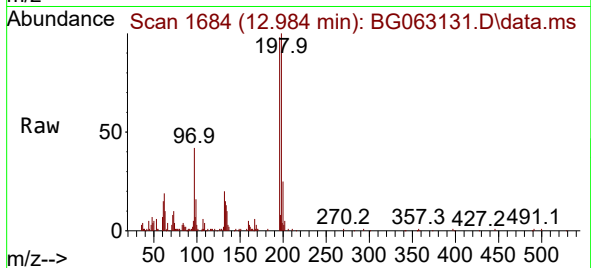
Tgt Ion:196 Resp: 67525

Ion Ratio Lower Upper

196 100

198 102.0 76.2 114.2

200 25.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 9.818 ng

RT: 12.984 min Scan# 1684

Delta R.T. 0.002 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Tgt Ion:196 Resp: 67525

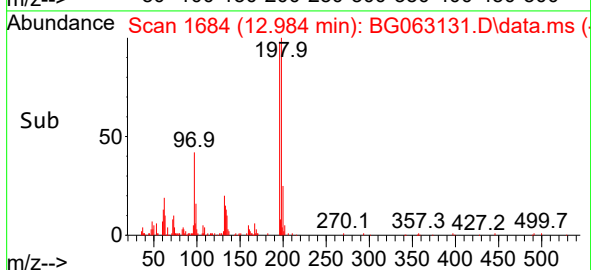
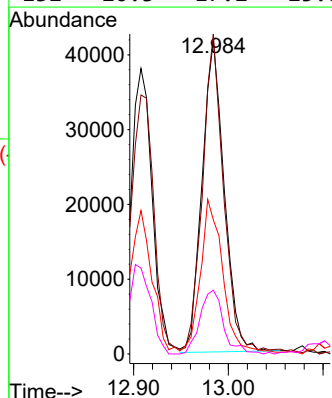
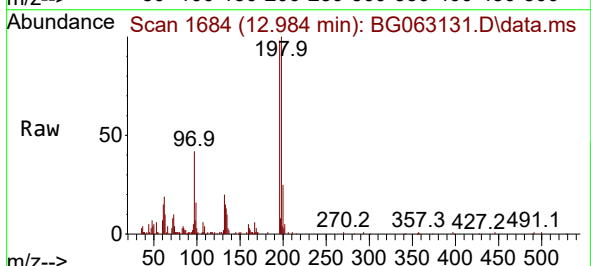
Ion Ratio Lower Upper

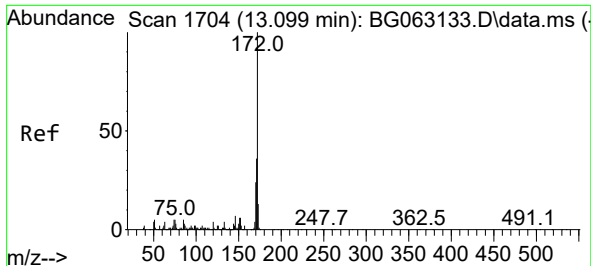
196 100

198 102.0 73.2 109.8

97 42.7 39.1 58.7

132 20.3 17.2 25.8

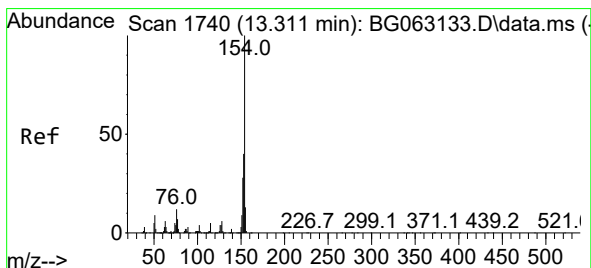
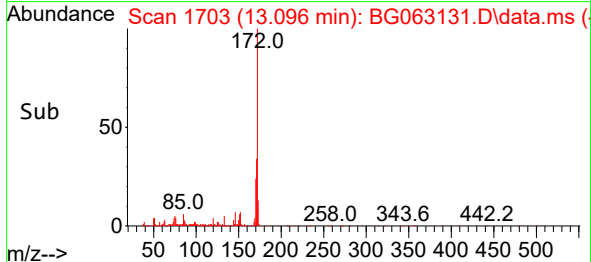
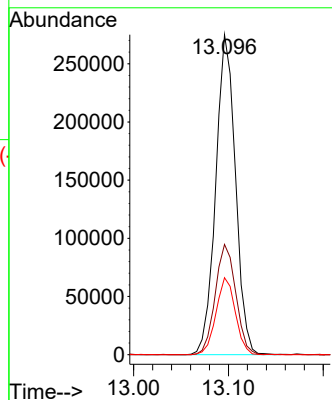
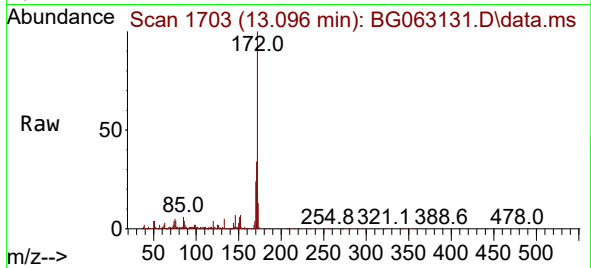




#45
2-Fluorobiphenyl
Concen: 20.269 ng
RT: 13.096 min Scan# 1703
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

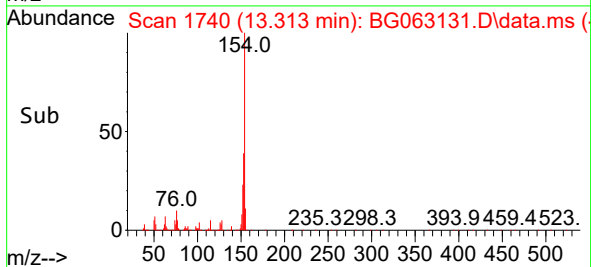
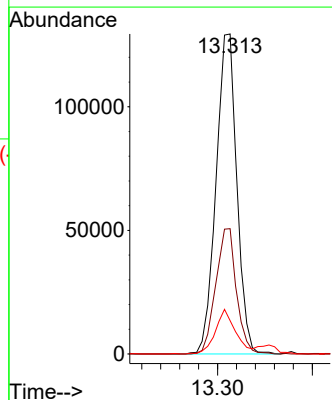
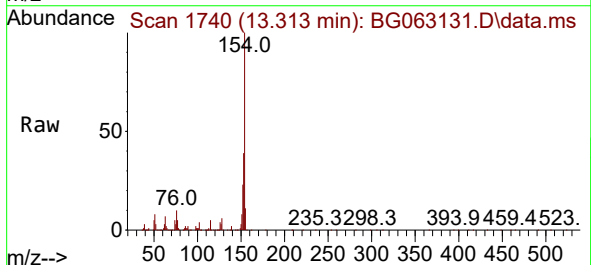
Instrument :
BNA_G
ClientSampleId :

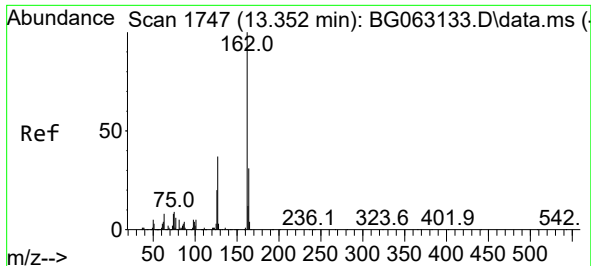
Tgt Ion:172 Resp: 397885
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 9.996 ng
RT: 13.313 min Scan# 1740
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:154 Resp: 197252
Ion Ratio Lower Upper
154 100
153 39.2 20.3 60.3
76 10.4 0.0 32.5

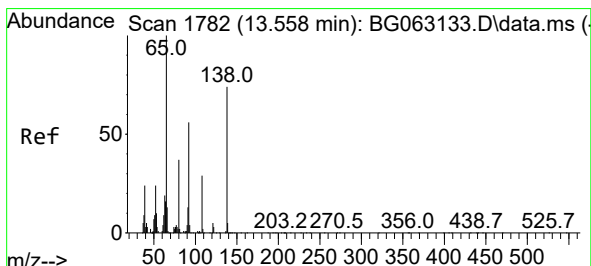
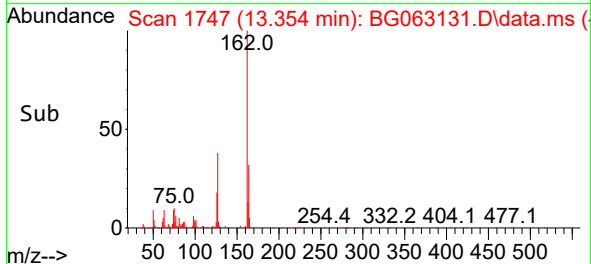
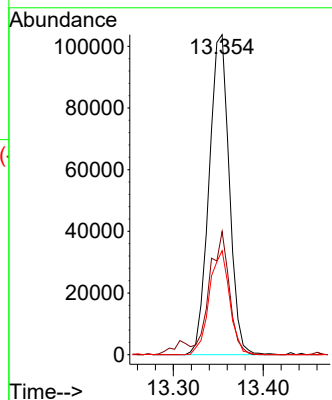
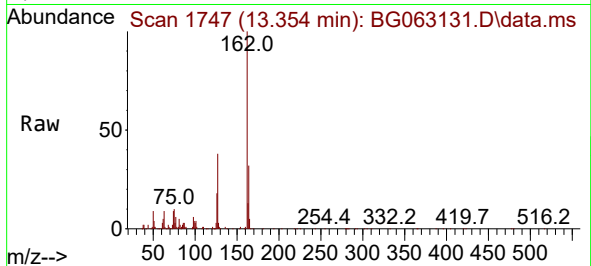




#47
2-Chloronaphthalene
Concen: 9.804 ng
RT: 13.354 min Scan# 1747
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

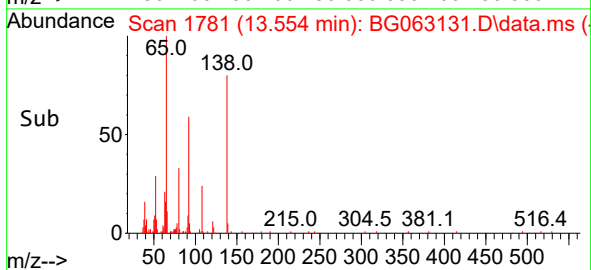
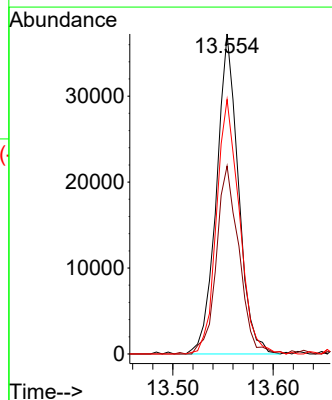
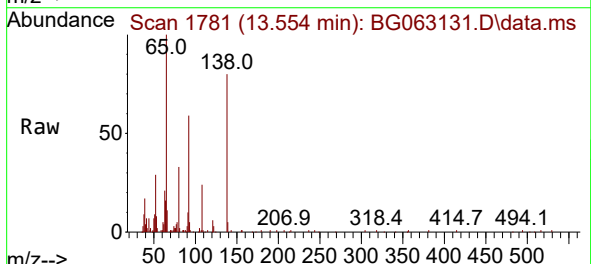
Instrument :
BNA_G
ClientSampleId :

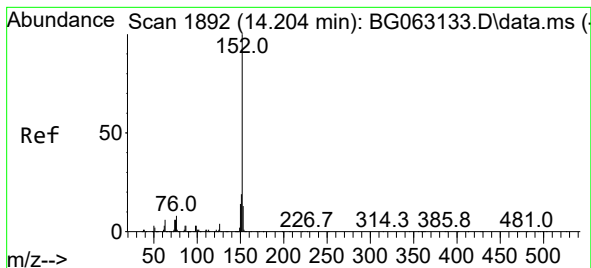
Tgt Ion:162 Resp: 162021
Ion Ratio Lower Upper
162 100
127 38.5 30.3 45.5
164 32.5 24.6 36.8



#48
2-Nitroaniline
Concen: 9.759 ng
RT: 13.554 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion: 65 Resp: 56607
Ion Ratio Lower Upper
65 100
92 58.8 44.6 66.8
138 79.6 59.0 88.4





#49

Acenaphthylene

Concen: 10.340 ng

RT: 14.200 min Scan# 1891

Delta R.T. -0.004 min

Lab File: BG063131.D

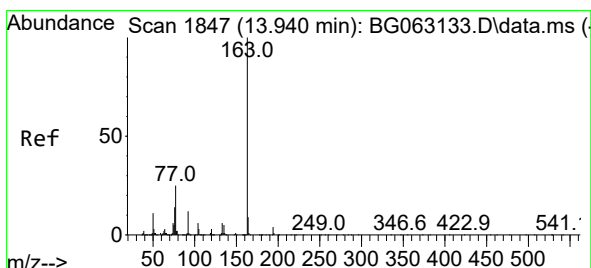
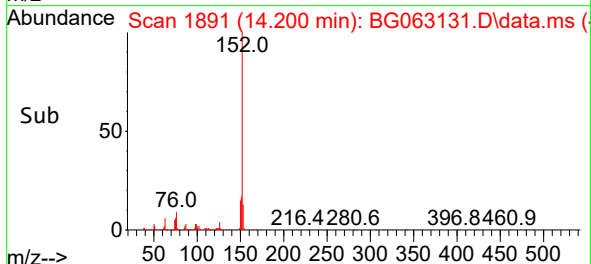
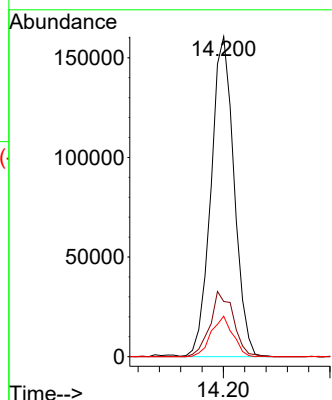
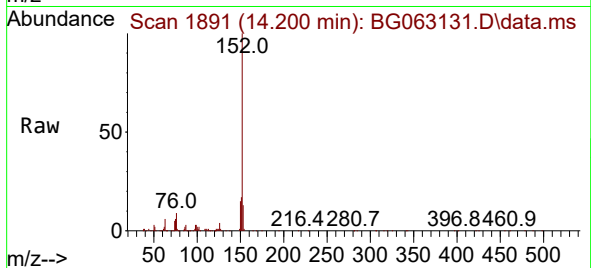
Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:152	Resp: 241251
Ion Ratio	Lower Upper
152	100
151	17.3 15.0 22.4
153	12.7 10.1 15.1



#50

Dimethylphthalate

Concen: 10.263 ng

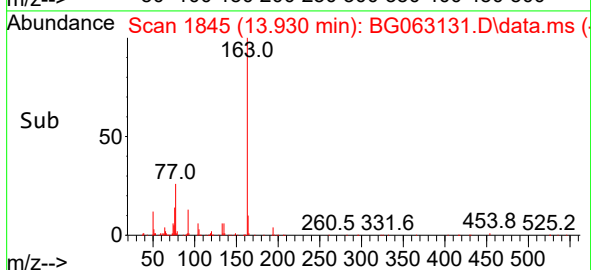
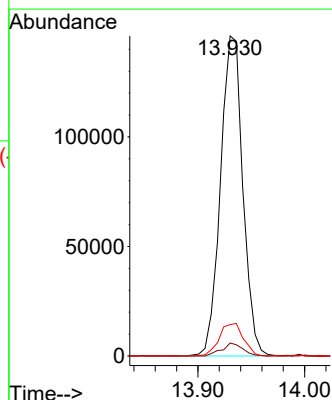
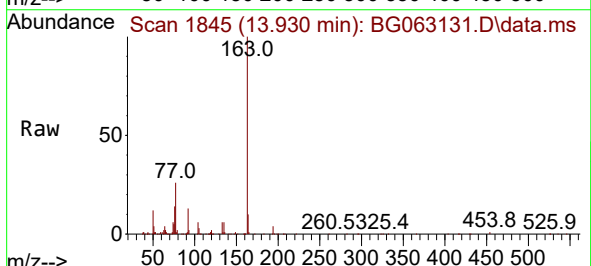
RT: 13.930 min Scan# 1845

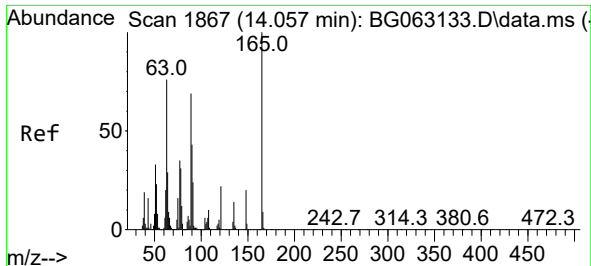
Delta R.T. -0.010 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

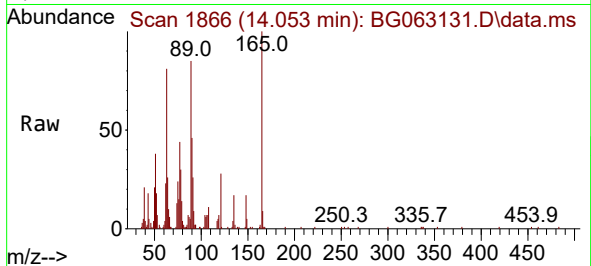
Tgt Ion:163	Resp: 212675
Ion Ratio	Lower Upper
163	100
194	4.0 3.4 5.0
164	9.8 7.0 10.6



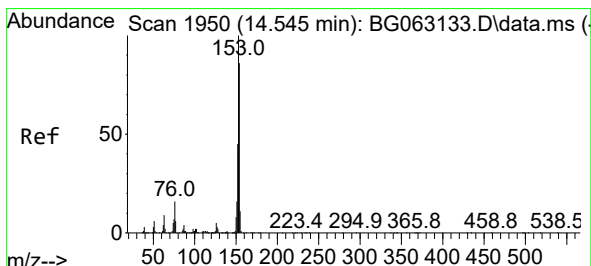
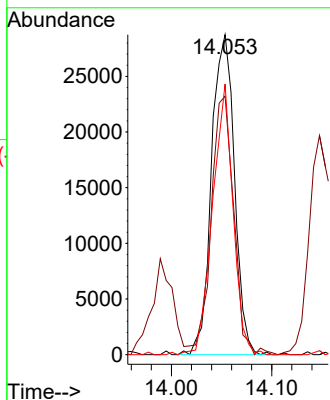
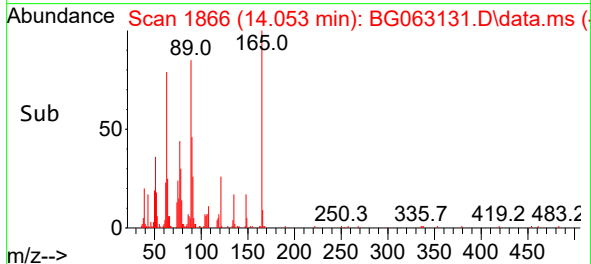


#51
2,6-Dinitrotoluene
Concen: 10.303 ng
RT: 14.053 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

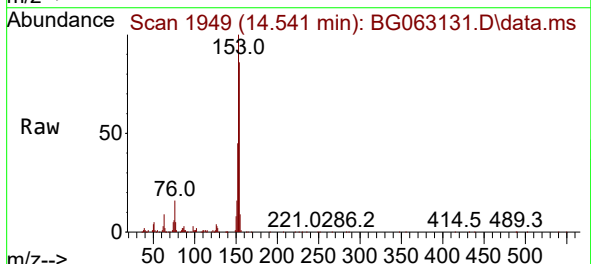
Instrument :
BNA_G
ClientSampleId :



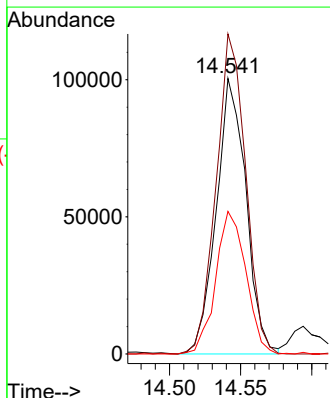
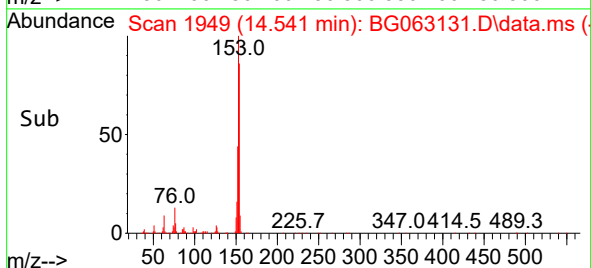
Tgt Ion:165 Resp: 45583
Ion Ratio Lower Upper
165 100
63 80.8 63.8 95.8
89 84.6 55.1 82.7#

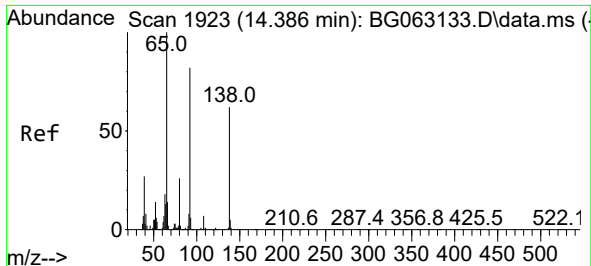


#52
Acenaphthene
Concen: 10.118 ng
RT: 14.541 min Scan# 1949
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30



Tgt Ion:154 Resp: 146141
Ion Ratio Lower Upper
154 100
153 116.1 93.1 139.7
152 51.7 42.2 63.2

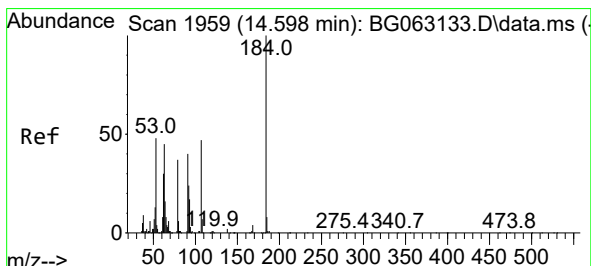
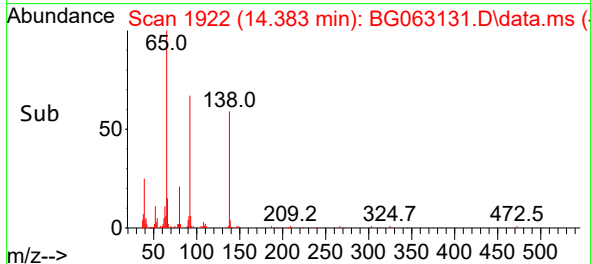
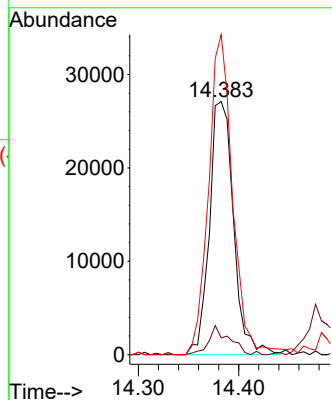
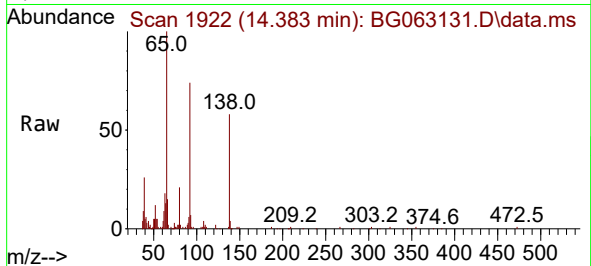




#53
3-Nitroaniline
Concen: 10.762 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

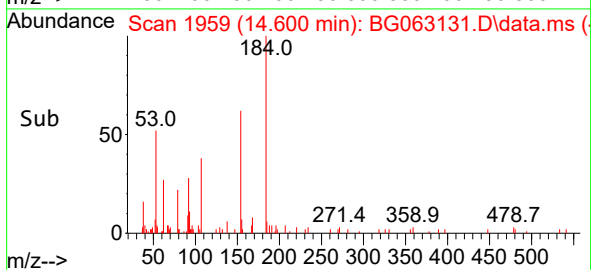
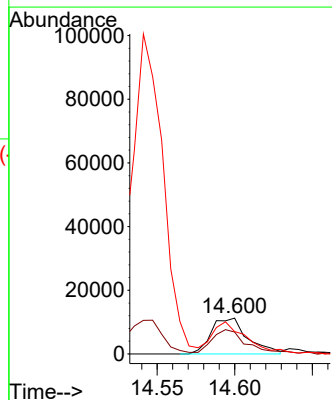
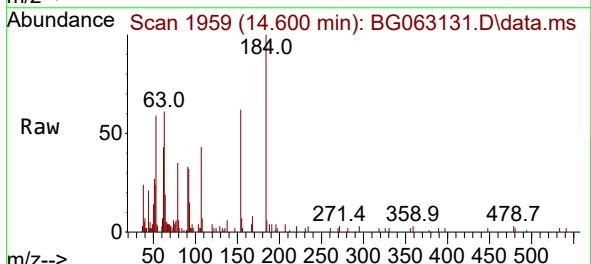
Instrument :
BNA_G
ClientSampleId :

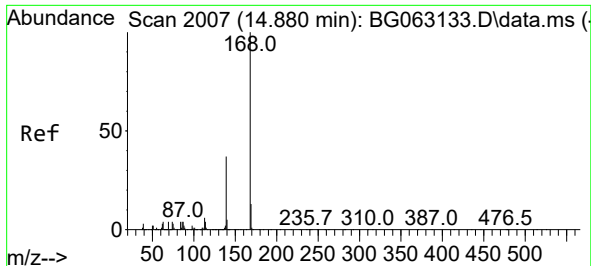
Tgt Ion:138 Resp: 45206
Ion Ratio Lower Upper
138 100
108 6.6 9.4 14.0#
92 126.4 106.2 159.2



#54
2,4-Dinitrophenol
Concen: 6.816 ng
RT: 14.600 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:184 Resp: 18392
Ion Ratio Lower Upper
184 100
63 61.1 58.5 87.7
154 62.4 60.6 90.8

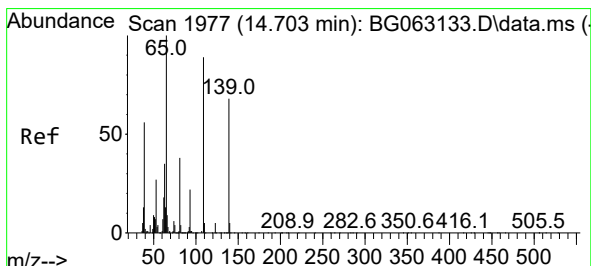
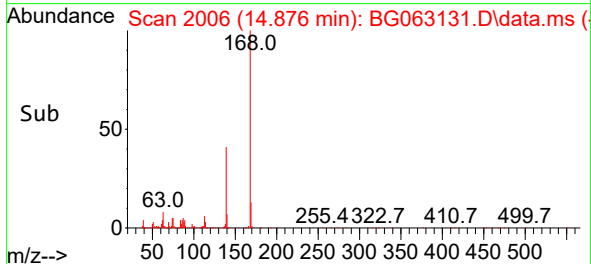
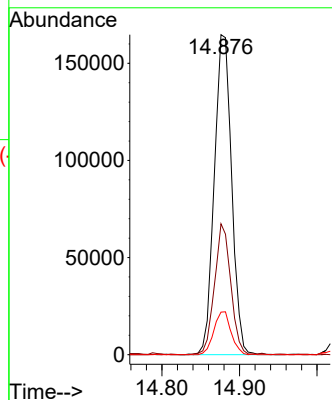
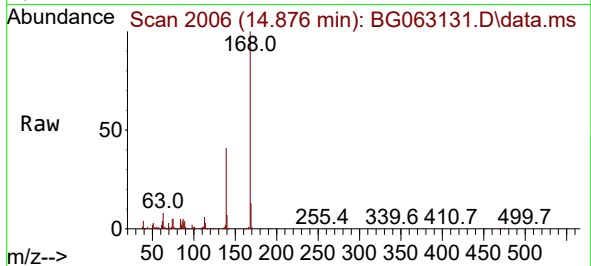




#55
Dibenzofuran
Concen: 10.054 ng
RT: 14.876 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

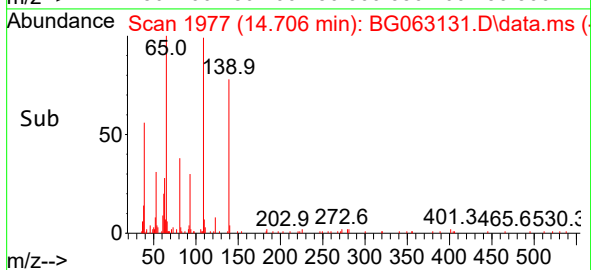
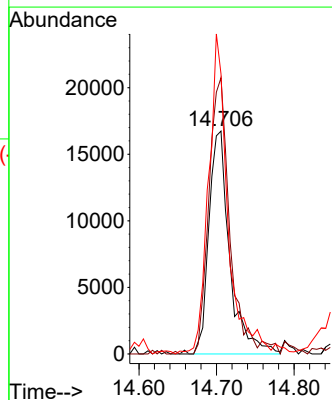
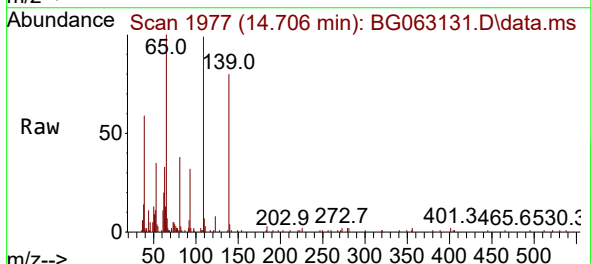
Instrument :
BNA_G
ClientSampleId :

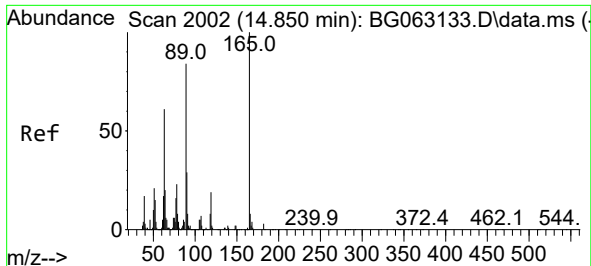
Tgt Ion:168 Resp: 256061
Ion Ratio Lower Upper
168 100
139 40.9 29.9 44.9
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 9.837 ng
RT: 14.706 min Scan# 1977
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:139 Resp: 31283
Ion Ratio Lower Upper
139 100
109 123.8 112.0 152.0
65 125.6 127.6 167.6#





#57

2,4-Dinitrotoluene

Concen: 10.000 ng

RT: 14.847 min Scan# 2002

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:165 Resp: 63276

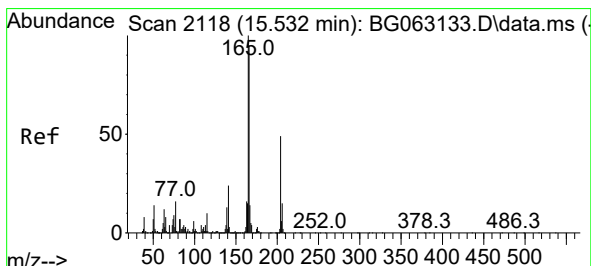
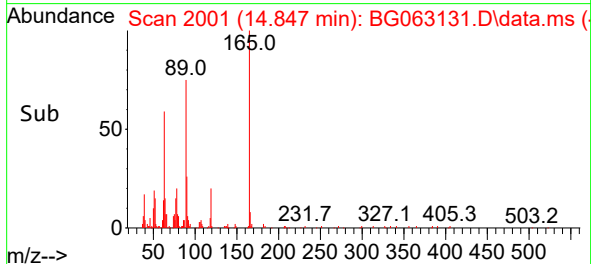
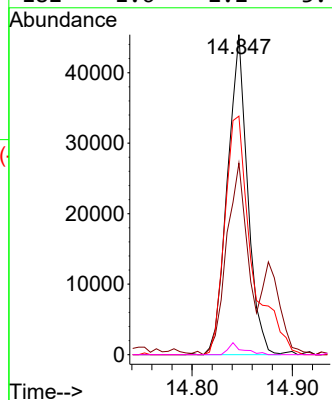
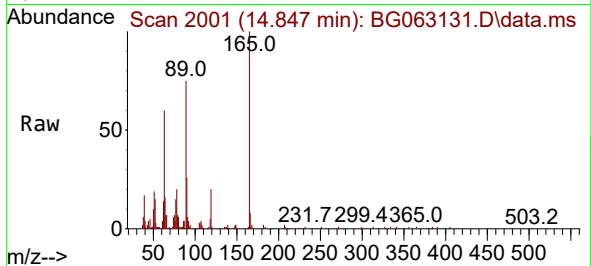
Ion Ratio Lower Upper

165 100

63 59.9 49.0 73.4

89 74.6 67.4 101.0

182 1.6 2.2 3.4#



#58

Fluorene

Concen: 10.217 ng

RT: 15.528 min Scan# 2117

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

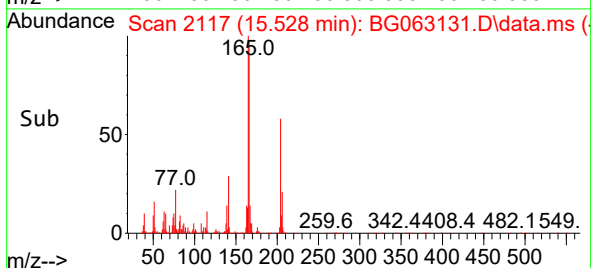
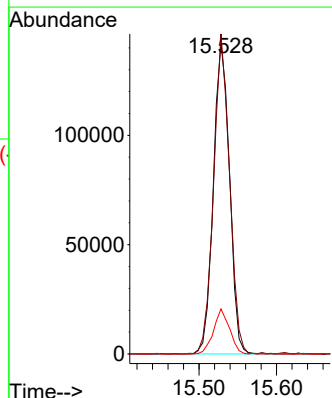
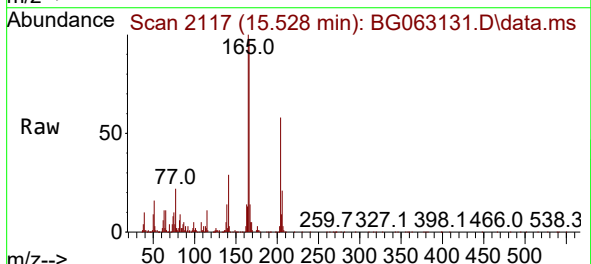
Tgt Ion:166 Resp: 206200

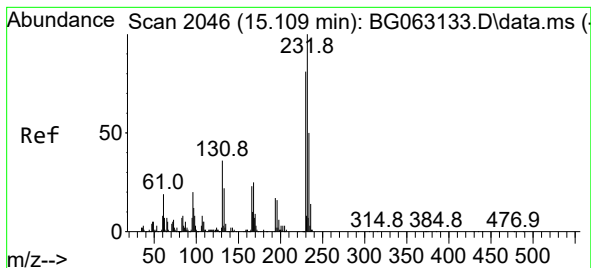
Ion Ratio Lower Upper

166 100

165 103.0 84.1 126.1

167 14.5 11.6 17.4

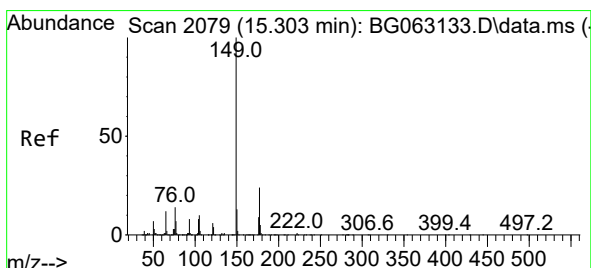
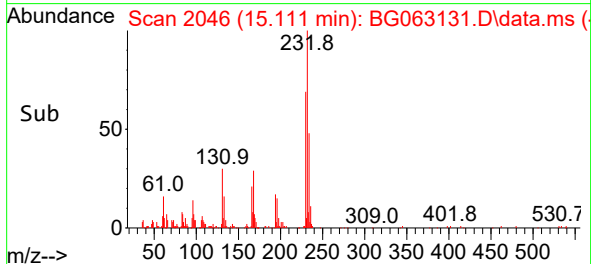
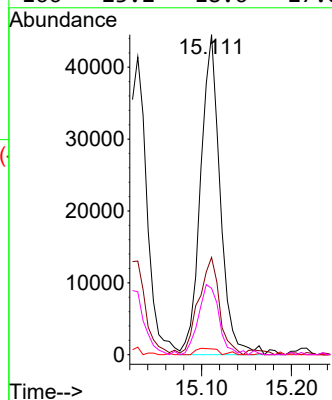
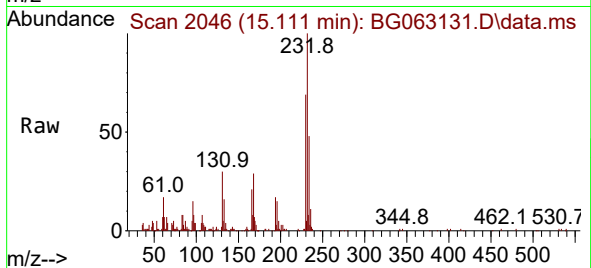




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.230 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

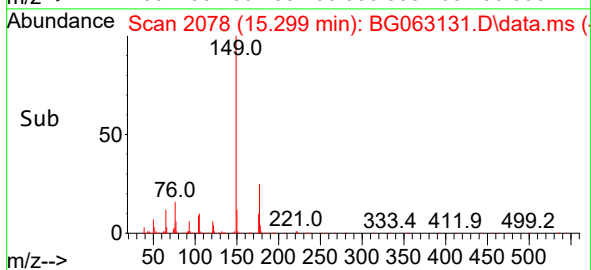
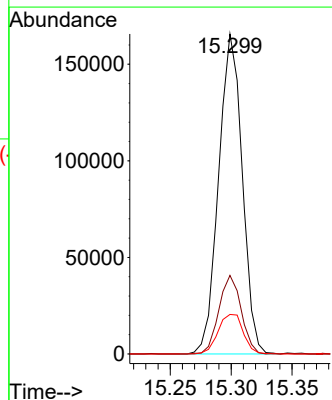
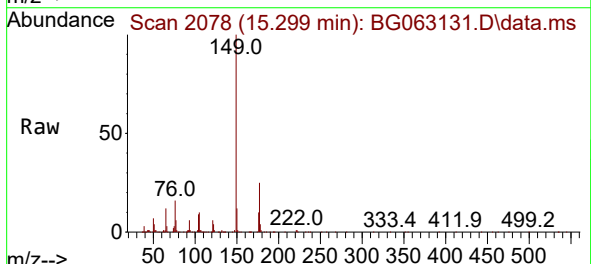
Instrument :
BNA_G
ClientSampleId :

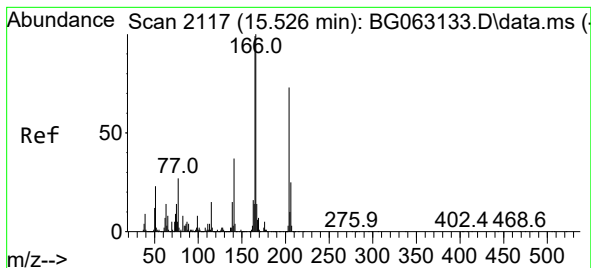
Tgt Ion:232 Resp: 67516
Ion Ratio Lower Upper
232 100
131 32.0 26.8 40.2
130 2.2 1.8 2.8
166 23.2 18.6 27.8



#60
Diethylphthalate
Concen: 10.498 ng
RT: 15.299 min Scan# 2078
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:149 Resp: 223359
Ion Ratio Lower Upper
149 100
177 24.6 18.8 28.2
150 12.3 10.2 15.4

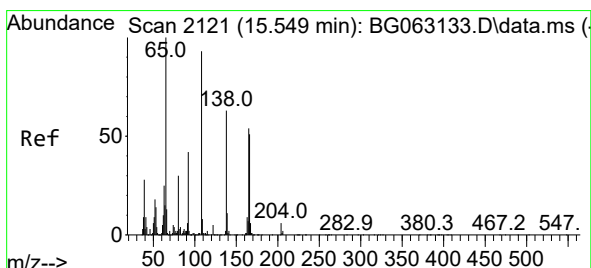
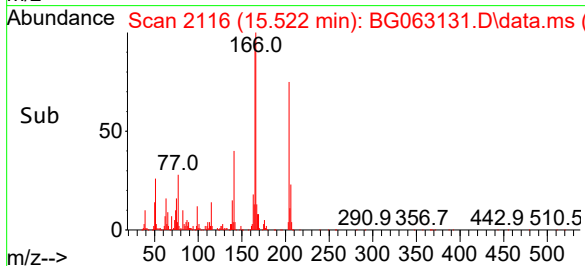
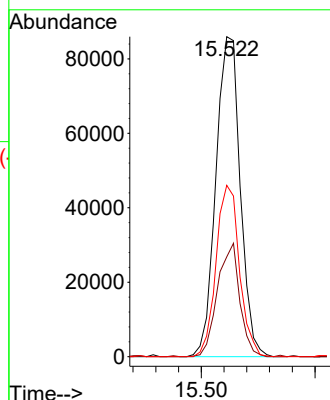
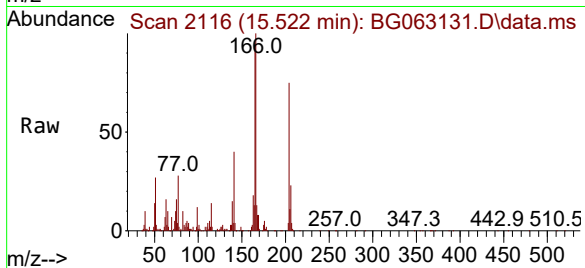




#61
4-Chlorophenyl-phenylether
Concen: 10.186 ng
RT: 15.522 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

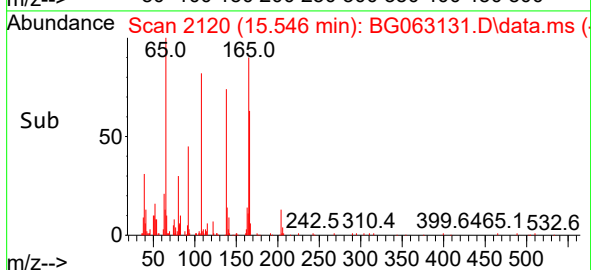
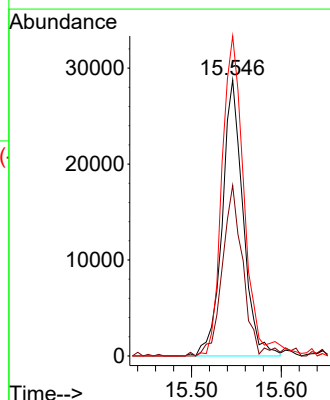
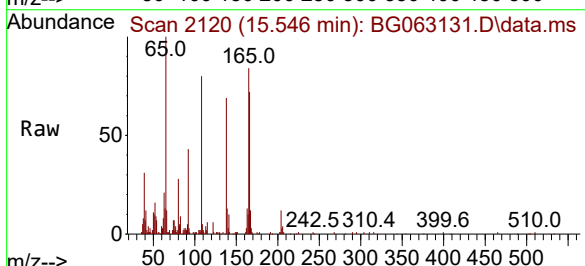
Instrument :
BNA_G
ClientSampleId :

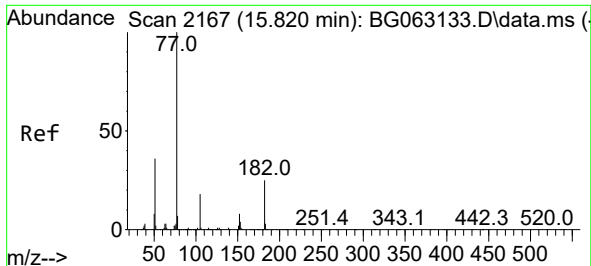
Tgt Ion:204 Resp: 127781
Ion Ratio Lower Upper
204 100
206 31.2 27.0 40.4
141 53.6 41.0 61.4



#62
4-Nitroaniline
Concen: 9.995 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

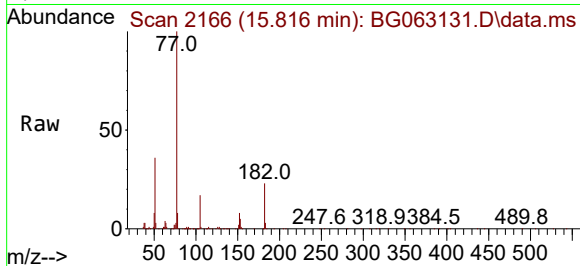
Tgt Ion:138 Resp: 46318
Ion Ratio Lower Upper
138 100
92 61.8 46.2 86.2
108 115.9 126.8 166.8#



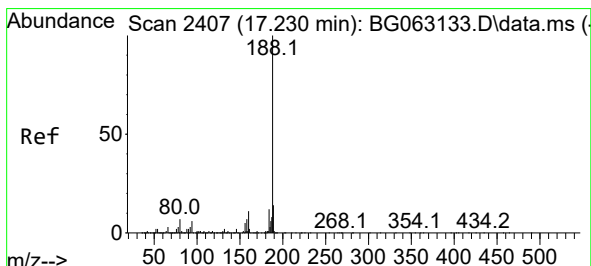
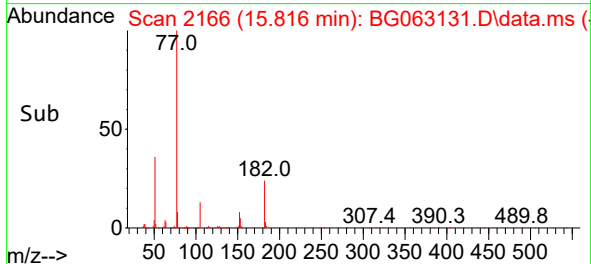
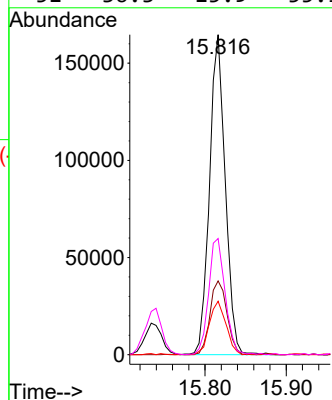


#63
Azobenzene
Concen: 10.089 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Instrument :
BNA_G
ClientSampleId :

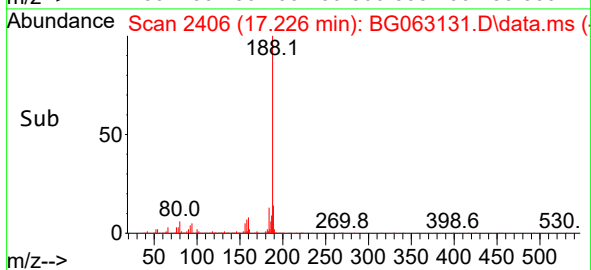
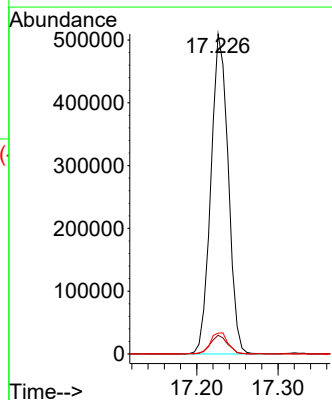
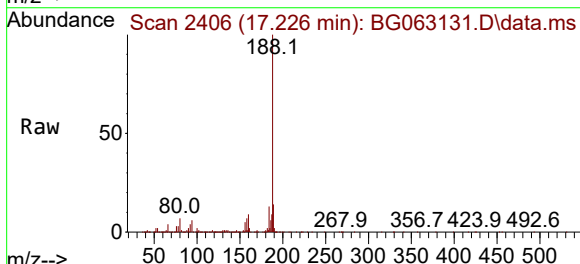


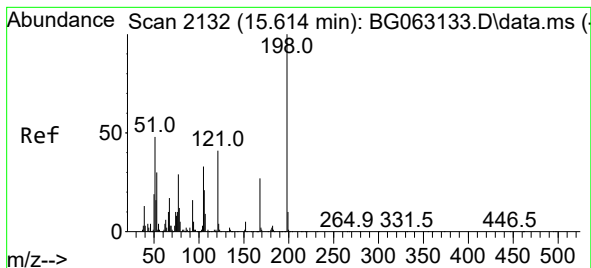
Tgt Ion: 77	Resp: 222034
Ion Ratio	Lower Upper
77 100	
182 23.1	5.4 45.4
105 16.7	0.0 37.5
51 36.3	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:188	Resp: 754489
Ion Ratio	Lower Upper
188 100	
94 5.8	4.8 7.2
80 6.5	5.9 8.9

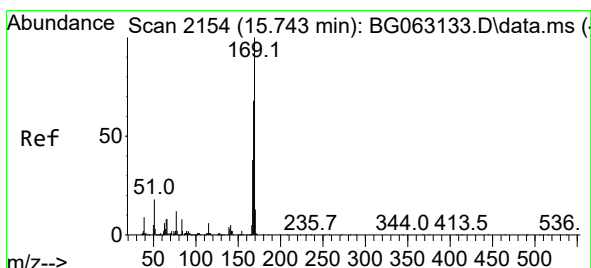
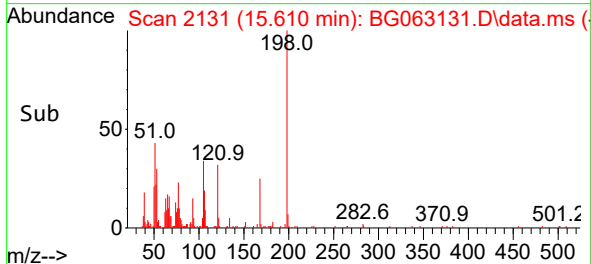
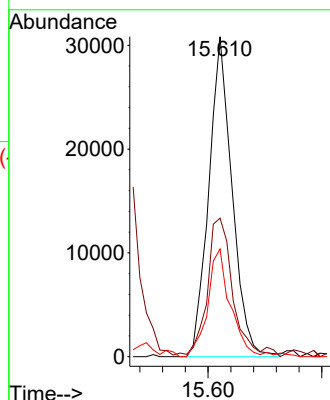
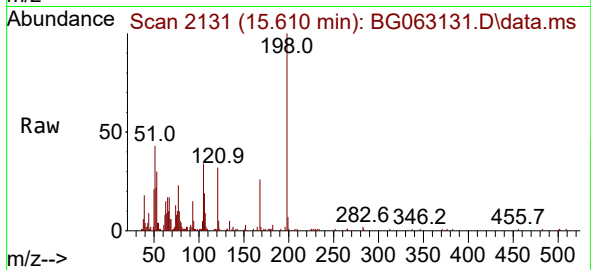




#65
4,6-Dinitro-2-methylphenol
Concen: 9.060 ng
RT: 15.610 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

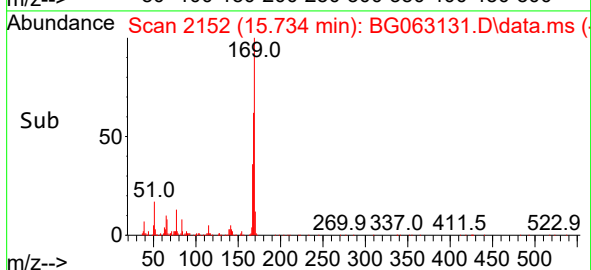
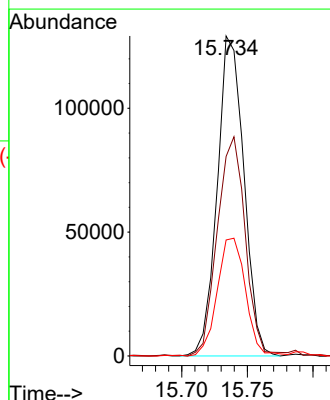
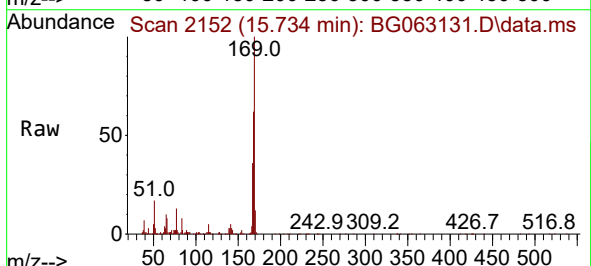
Instrument :
BNA_G
ClientSampleId :

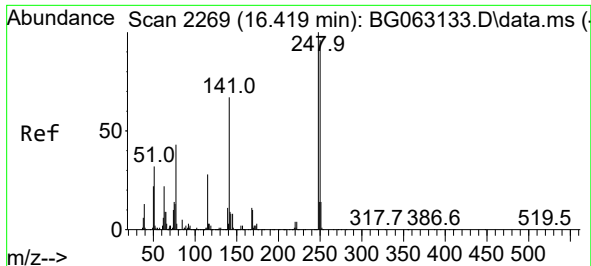
Tgt Ion:198 Resp: 43947
Ion Ratio Lower Upper
198 100
51 43.3 30.3 70.3
105 33.7 13.6 53.6



#66
n-Nitrosodiphenylamine
Concen: 9.687 ng
RT: 15.734 min Scan# 2152
Delta R.T. -0.010 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:169 Resp: 182337
Ion Ratio Lower Upper
169 100
168 62.4 54.8 82.2
167 36.3 30.2 45.4

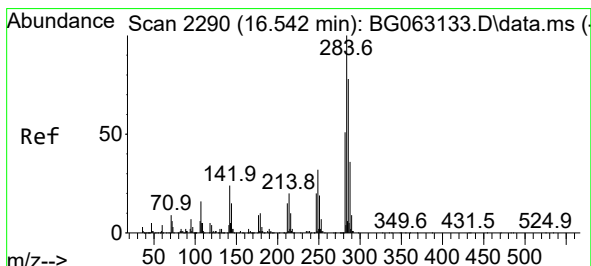
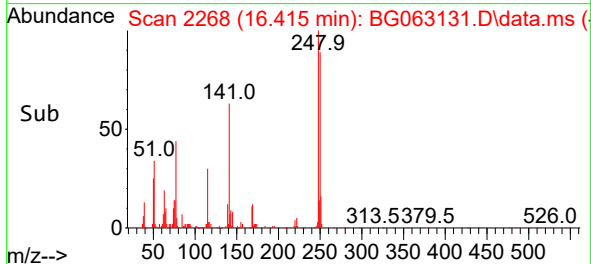
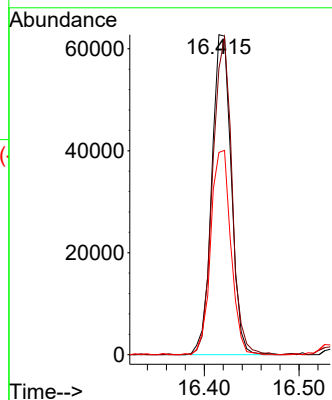
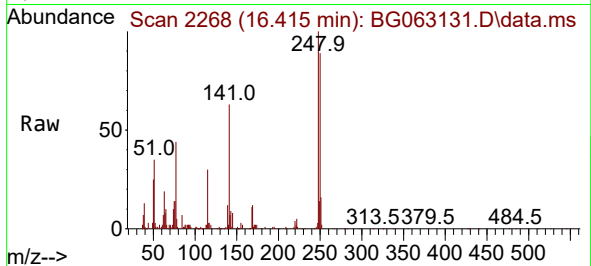




#67
4-Bromophenyl-phenylether
Concen: 9.667 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

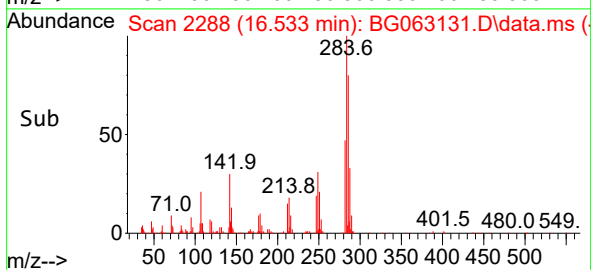
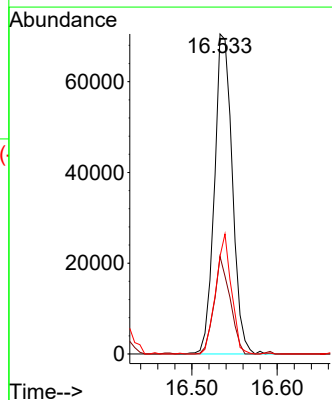
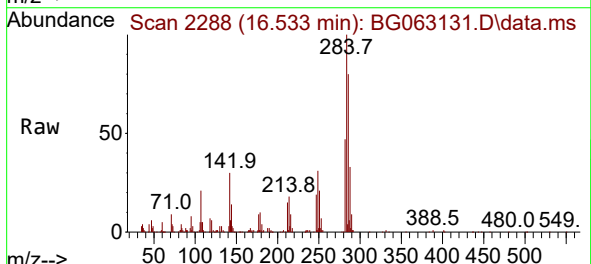
Instrument :
BNA_G
ClientSampleId :

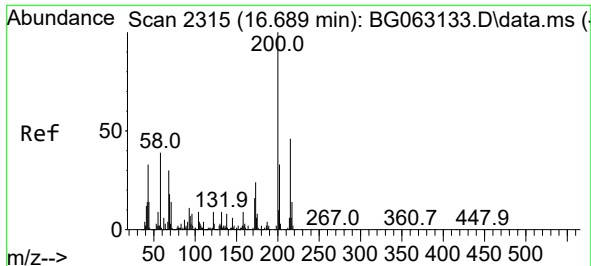
Tgt Ion:248 Resp: 89382
Ion Ratio Lower Upper
248 100
250 89.5 76.6 115.0
141 63.2 53.9 80.9



#68
Hexachlorobenzene
Concen: 9.606 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.010 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:284 Resp: 102895
Ion Ratio Lower Upper
284 100
142 30.5 19.0 28.6#
249 30.6 25.8 38.8

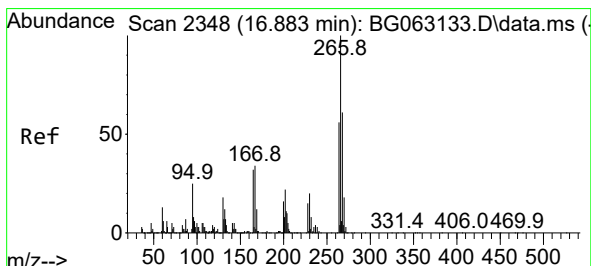
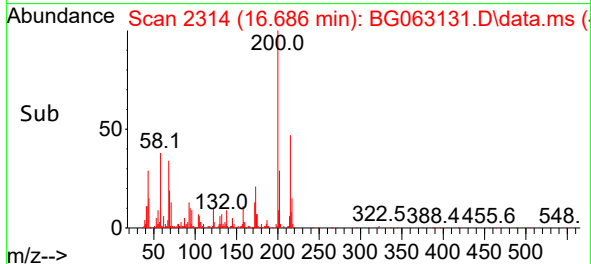
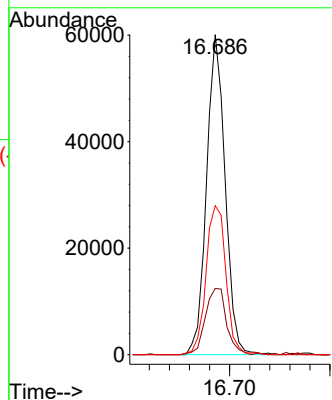
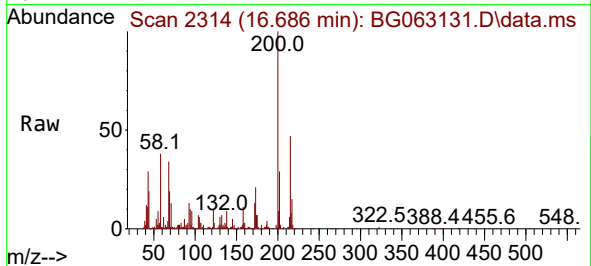




#69
 Atrazine
 Concen: 8.940 ng
 RT: 16.686 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG063131.D
 Acq: 31 Oct 2024 13:30

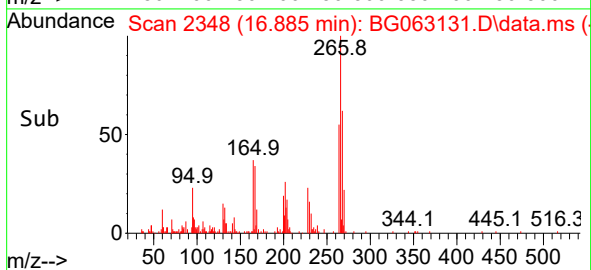
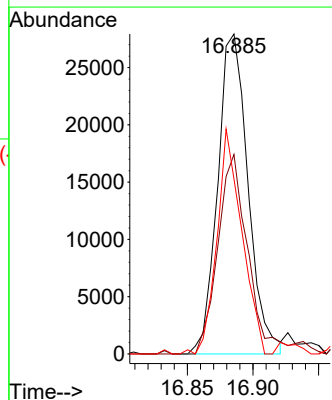
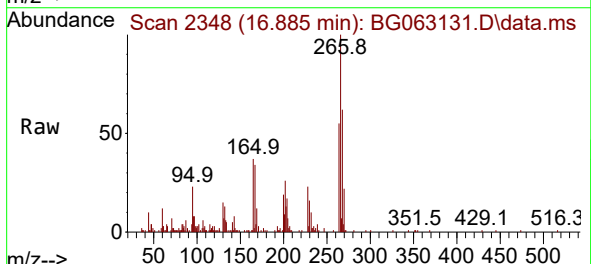
Instrument :
 BNA_G
 ClientSampleId :

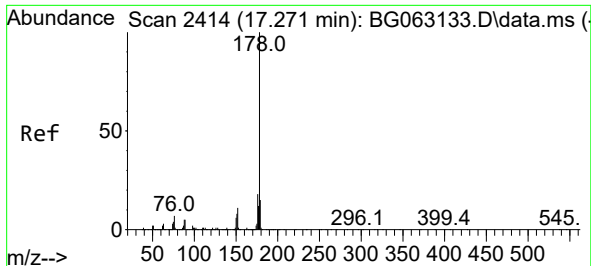
Tgt Ion:200 Resp: 77354
 Ion Ratio Lower Upper
 200 100
 173 20.7 3.6 43.6
 215 46.5 25.8 65.8



#70
 Pentachlorophenol
 Concen: 8.424 ng
 RT: 16.885 min Scan# 2348
 Delta R.T. 0.002 min
 Lab File: BG063131.D
 Acq: 31 Oct 2024 13:30

Tgt Ion:266 Resp: 44895
 Ion Ratio Lower Upper
 266 100
 268 62.3 48.8 73.2
 264 54.7 45.0 67.4

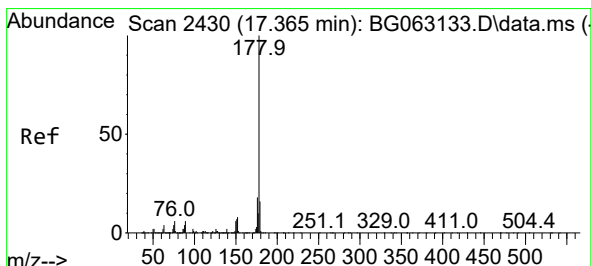
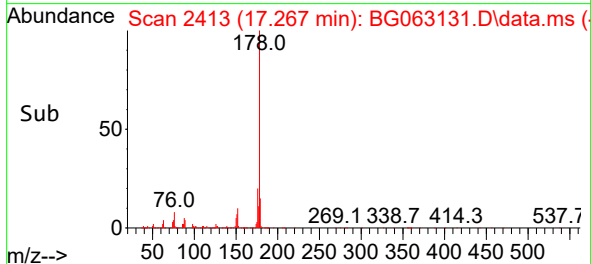
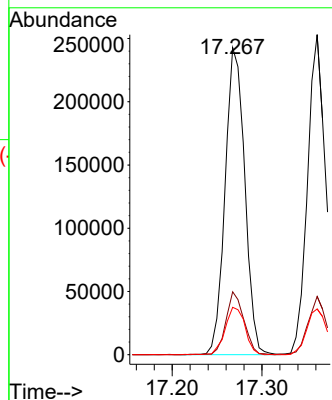
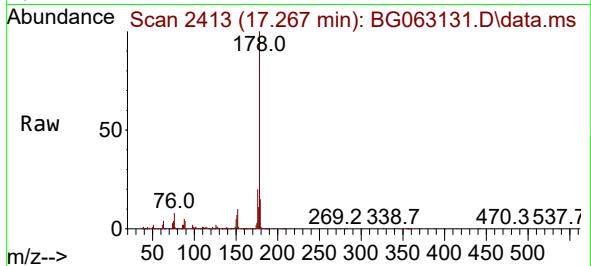




#71
Phenanthrene
Concen: 10.094 ng
RT: 17.267 min Scan# 2414
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

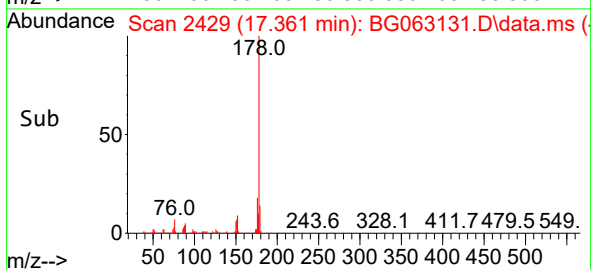
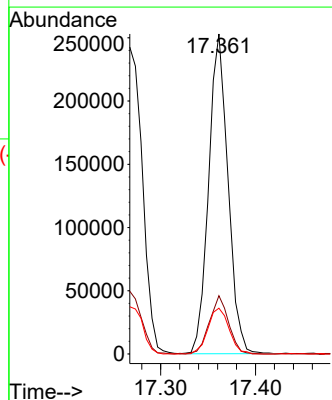
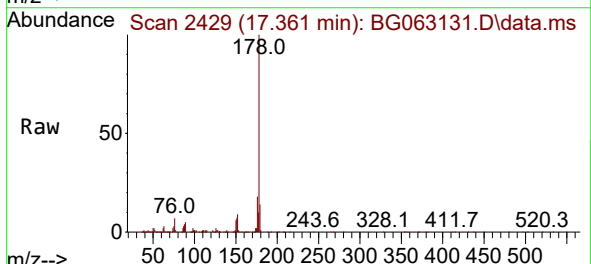
Instrument :
BNA_G
ClientSampleId :

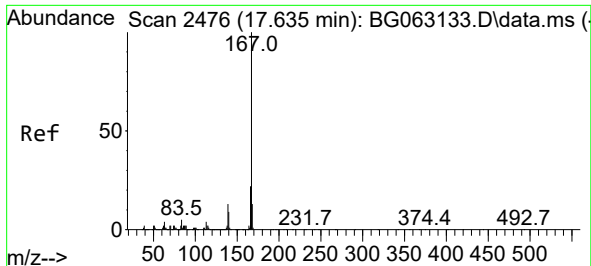
Tgt Ion:178 Resp: 369189
Ion Ratio Lower Upper
178 100
176 20.5 14.6 22.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 9.989 ng
RT: 17.361 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:178 Resp: 358597
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 14.3 12.4 18.6

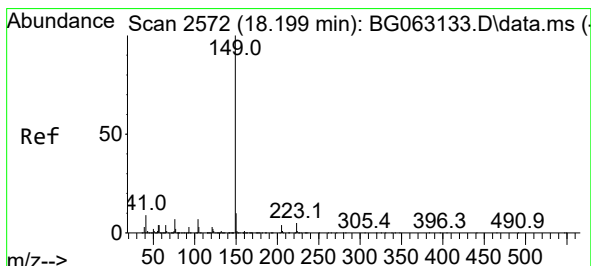
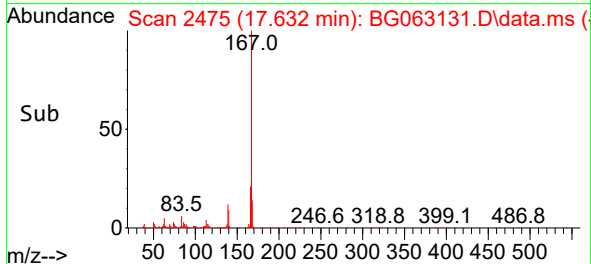
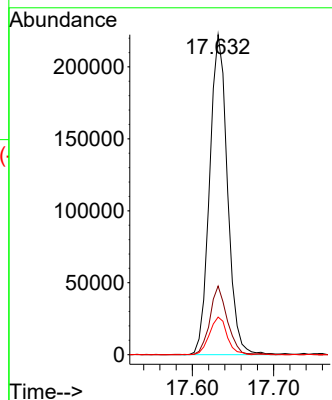
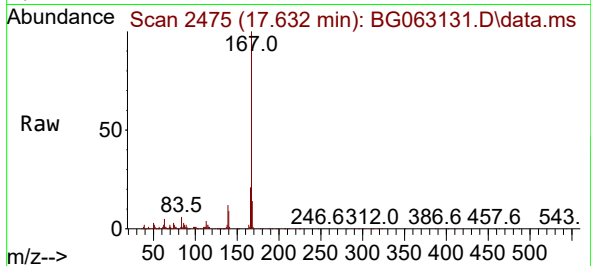




#73
 Carbazole
 Concen: 10.013 ng
 RT: 17.632 min Scan# 2476
 Delta R.T. -0.004 min
 Lab File: BG063131.D
 Acq: 31 Oct 2024 13:30

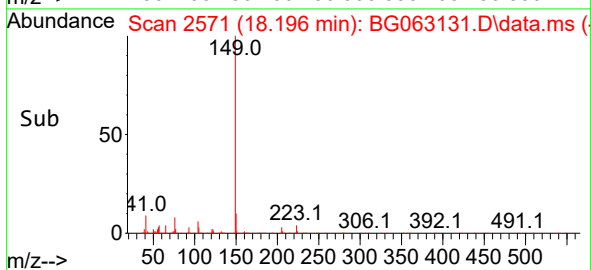
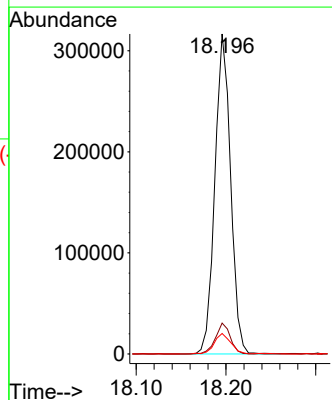
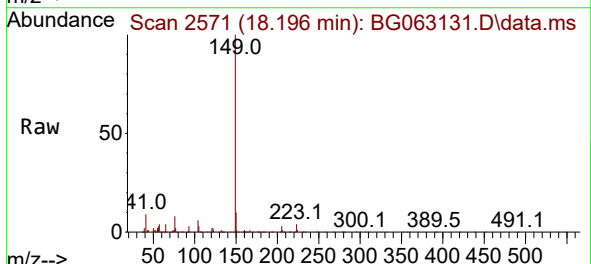
Instrument :
 BNA_G
 ClientSampleId :

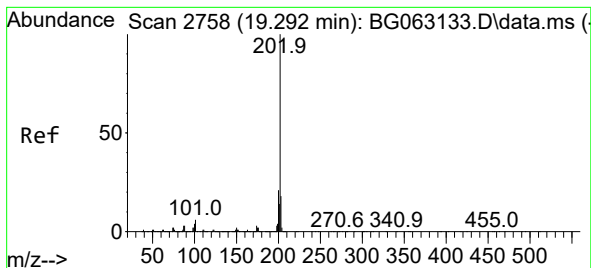
Tgt Ion:167 Resp: 338372
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 11.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 10.026 ng
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.004 min
 Lab File: BG063131.D
 Acq: 31 Oct 2024 13:30

Tgt Ion:149 Resp: 384698
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 6.4 5.4 8.0





#75

Fluoranthene

Concen: 10.053 ng

RT: 19.289 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

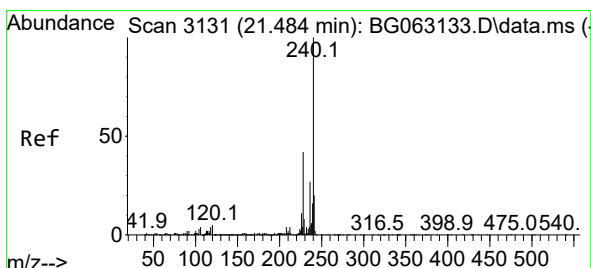
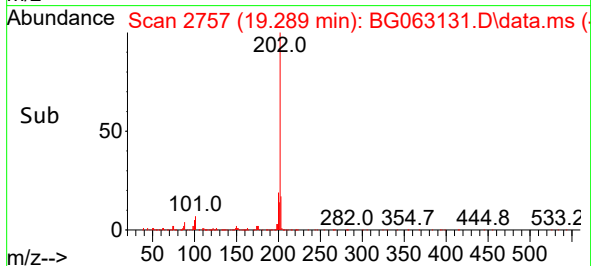
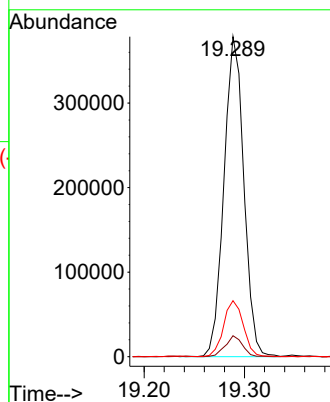
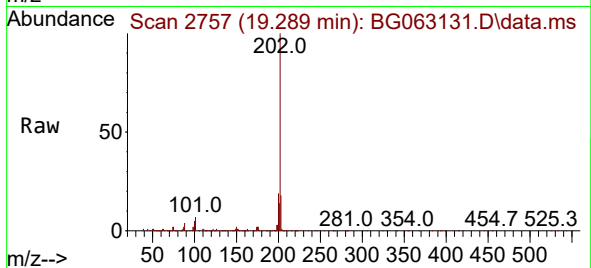
Tgt Ion:202 Resp: 520487

Ion Ratio Lower Upper

202 100

101 6.5 0.0 25.8

203 17.5 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

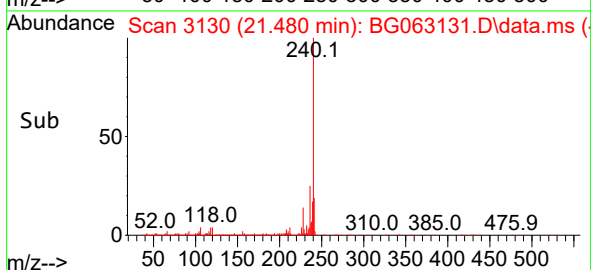
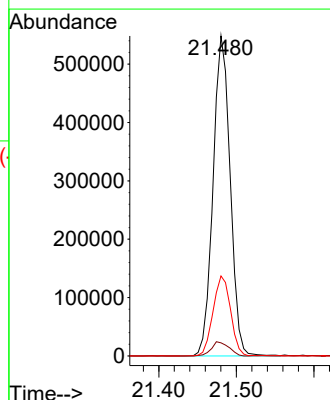
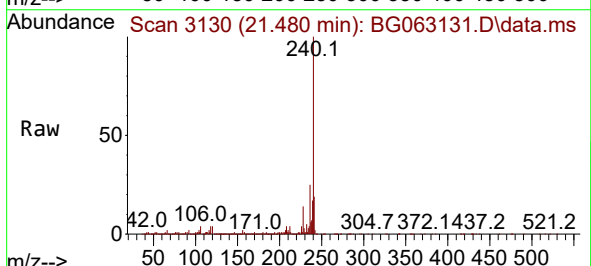
Tgt Ion:240 Resp: 841662

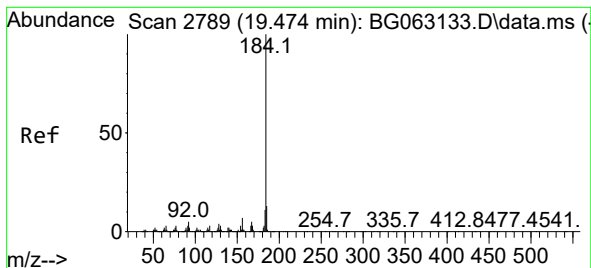
Ion Ratio Lower Upper

240 100

120 4.1 3.9 5.9

236 25.0 21.4 32.2





#77

Benzidine

Concen: 14.469 ng

RT: 19.471 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

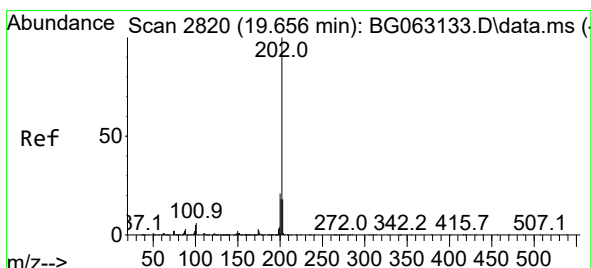
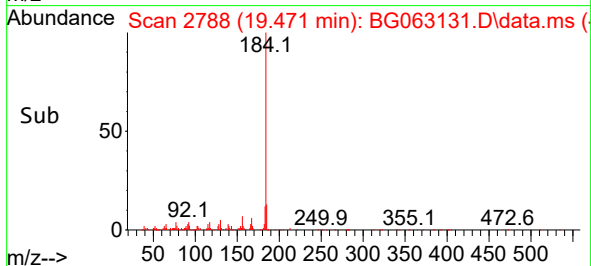
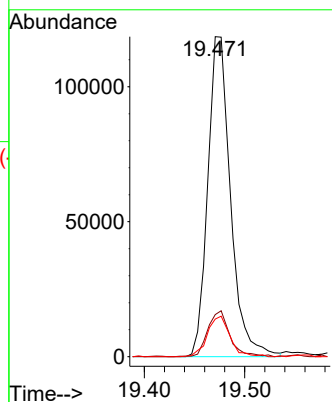
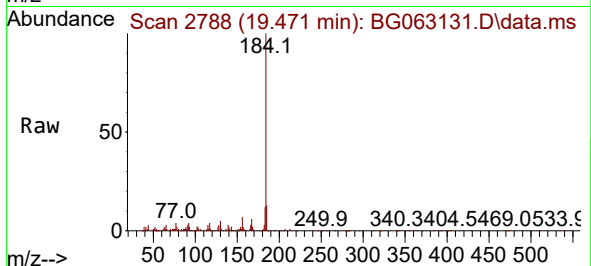
Tgt Ion:184 Resp: 187631

Ion Ratio Lower Upper

184 100

185 13.2 10.6 16.0

183 11.8 8.6 12.8



#78

Pyrene

Concen: 10.869 ng

RT: 19.653 min Scan# 2819

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

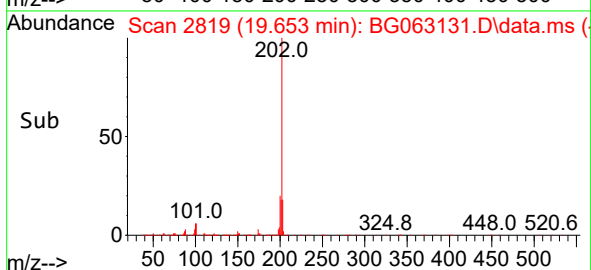
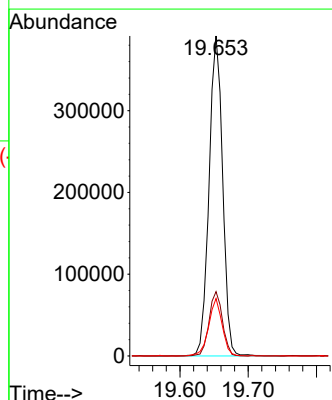
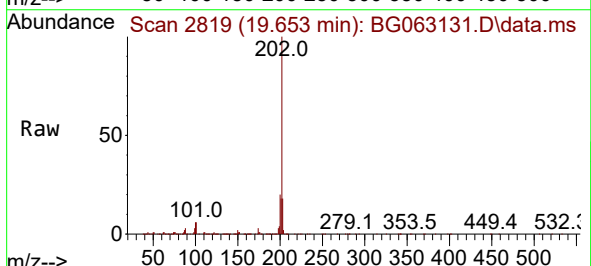
Tgt Ion:202 Resp: 542266

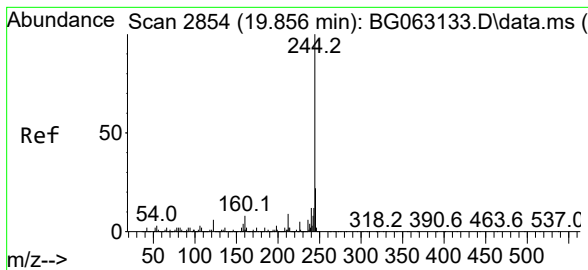
Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

203 18.0 14.2 21.2





#79

Terphenyl-d14

Concen: 23.131 ng

RT: 19.858 min Scan# 2854

Delta R.T. 0.002 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

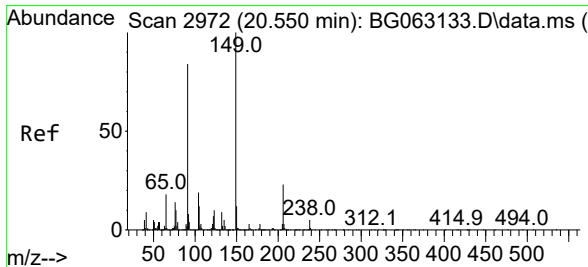
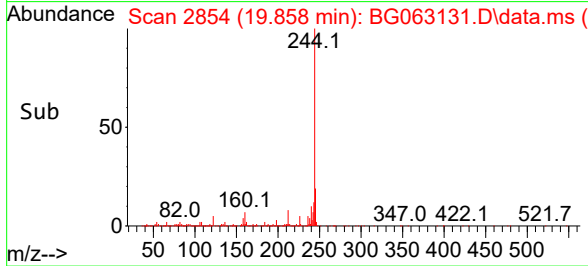
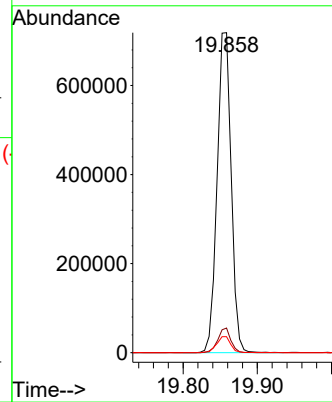
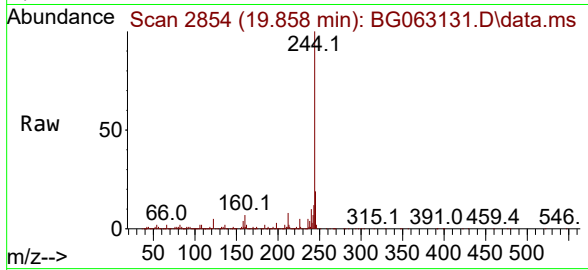
Tgt Ion:244 Resp: 946066

Ion Ratio Lower Upper

244 100

212 7.7 7.3 10.9

122 5.0 4.8 7.2



#80

Butylbenzylphthalate

Concen: 9.887 ng

RT: 20.552 min Scan# 2972

Delta R.T. 0.002 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

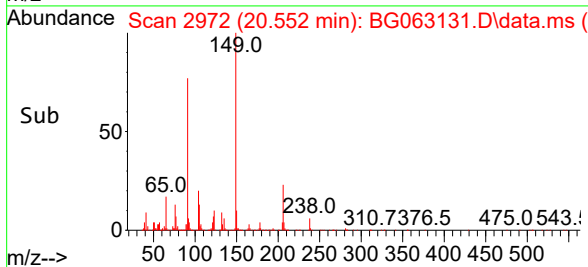
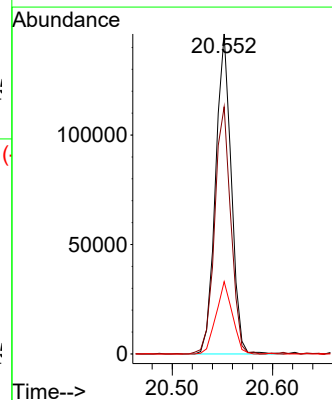
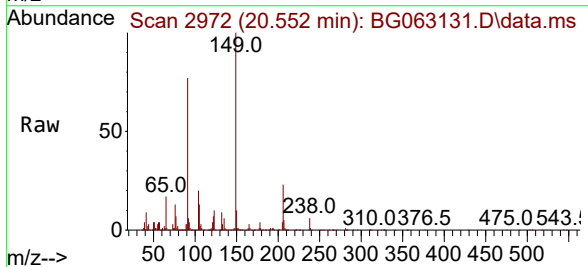
Tgt Ion:149 Resp: 158932

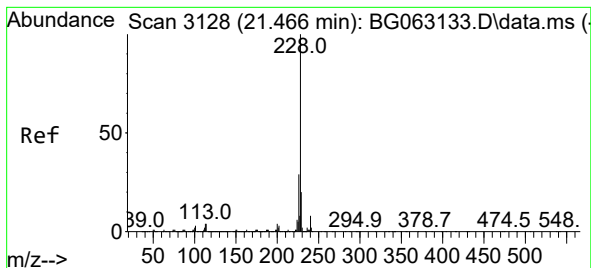
Ion Ratio Lower Upper

149 100

91 77.2 67.3 100.9

206 22.6 18.8 28.2





#81

Benzo(a)anthracene

Concen: 10.140 ng

RT: 21.462 min Scan# 3114

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

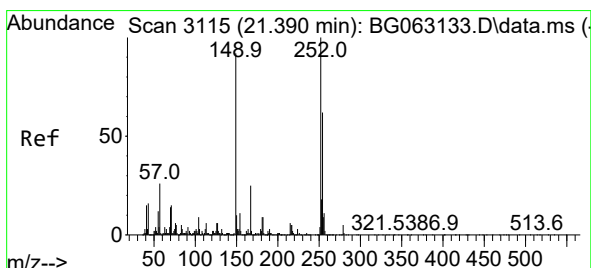
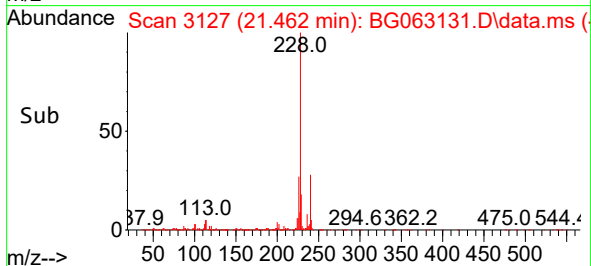
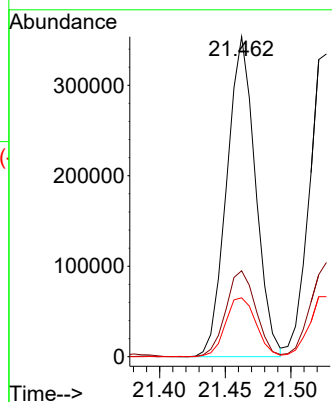
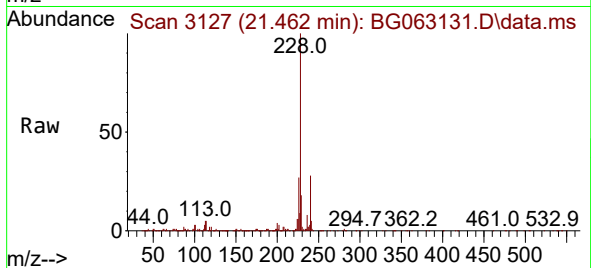
Tgt Ion:228 Resp: 537433

Ion Ratio Lower Upper

228 100

226 26.8 23.5 35.3

229 18.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 10.410 ng

RT: 21.386 min Scan# 3114

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

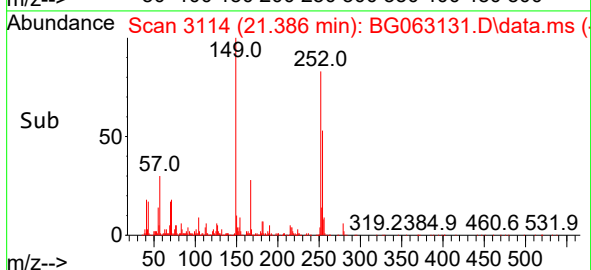
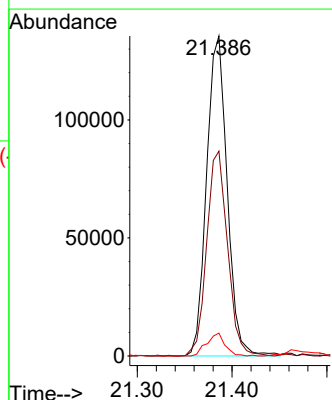
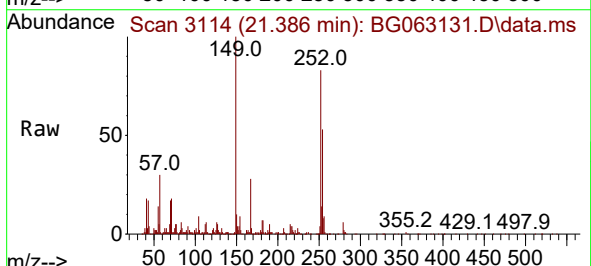
Tgt Ion:252 Resp: 204564

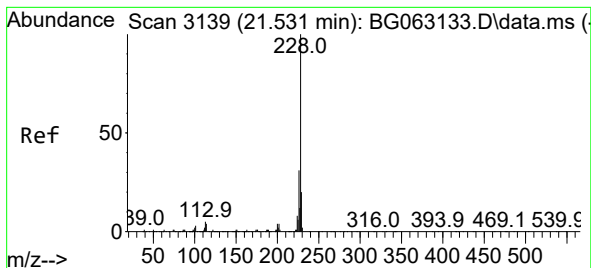
Ion Ratio Lower Upper

252 100

254 64.0 49.4 74.2

126 7.2 4.8 7.2





#83

Chrysene

Concen: 10.351 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

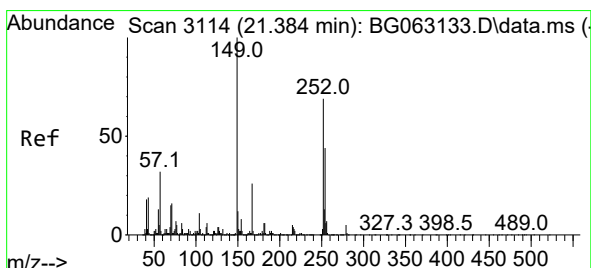
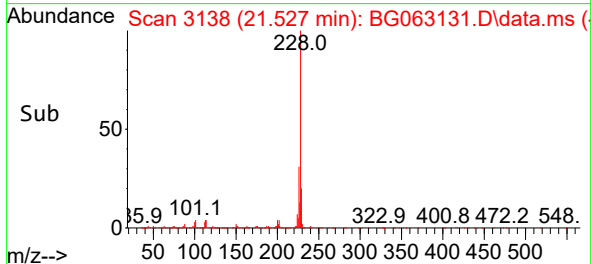
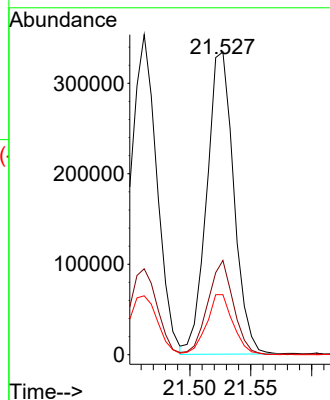
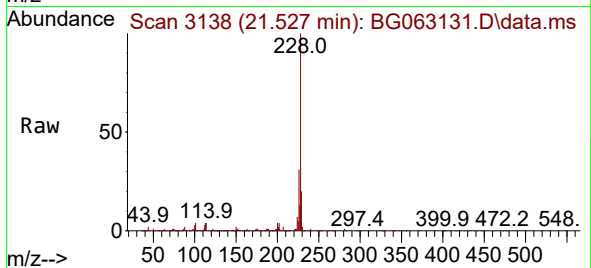
Tgt Ion:228 Resp: 515379

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.759 ng

RT: 21.380 min Scan# 3113

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

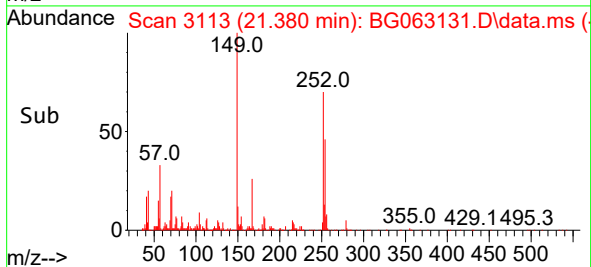
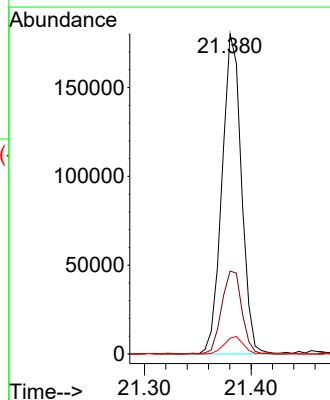
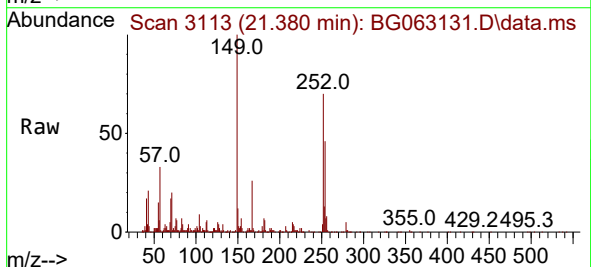
Tgt Ion:149 Resp: 227572

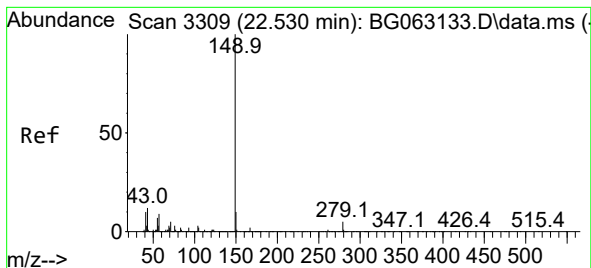
Ion Ratio Lower Upper

149 100

167 25.9 20.6 31.0

279 5.0 4.3 6.5

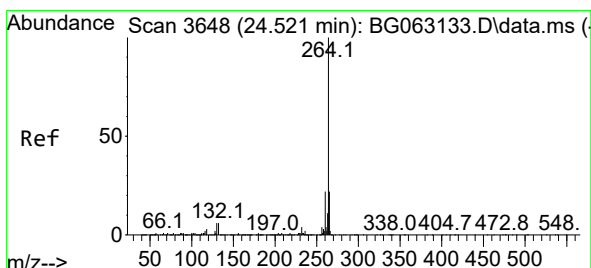
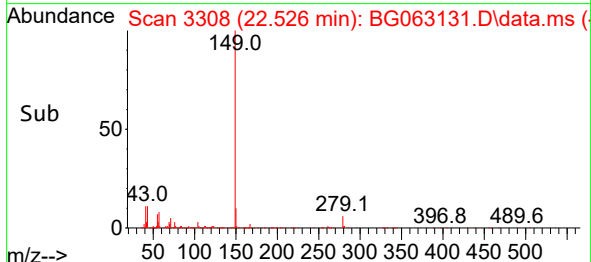
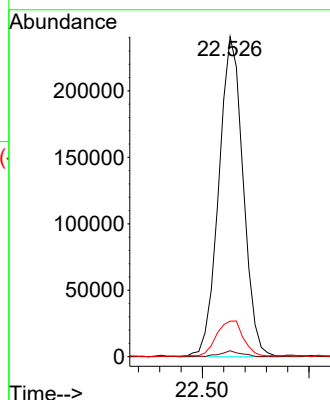
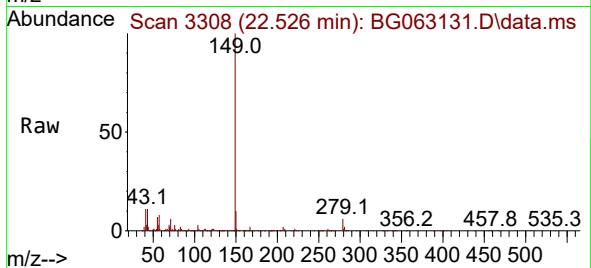




#85
Di-n-octyl phthalate
Concen: 9.781 ng
RT: 22.526 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

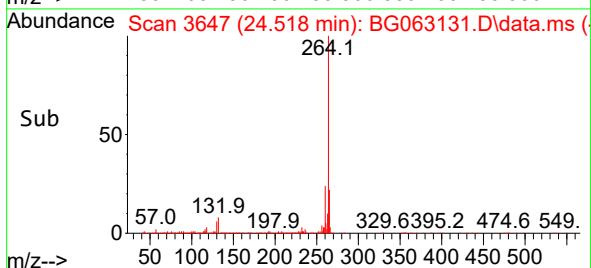
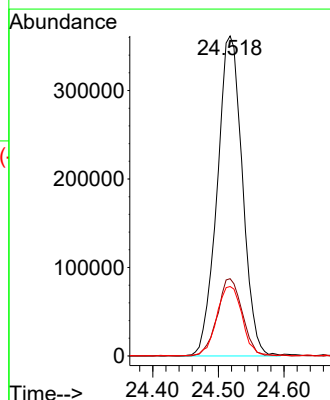
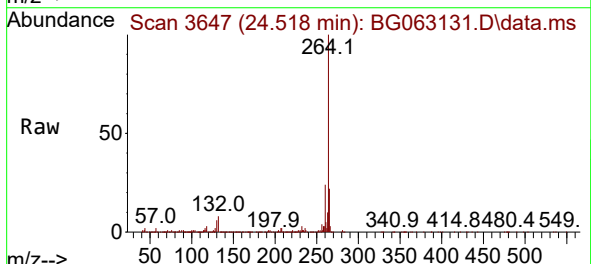
Instrument :
BNA_G
ClientSampleId :

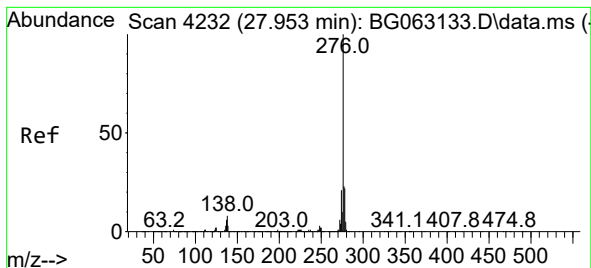
Tgt Ion:149 Resp: 381622
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.9 9.8 14.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BG063131.D
Acq: 31 Oct 2024 13:30

Tgt Ion:264 Resp: 963367
Ion Ratio Lower Upper
264 100
260 24.1 17.4 26.2
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.760 ng

RT: 27.931 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

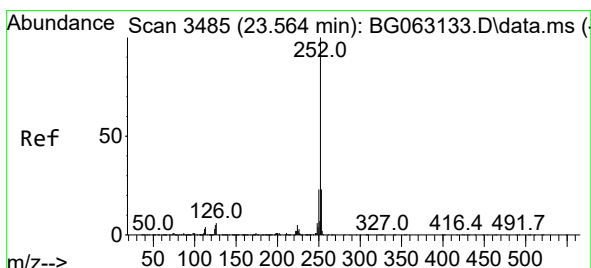
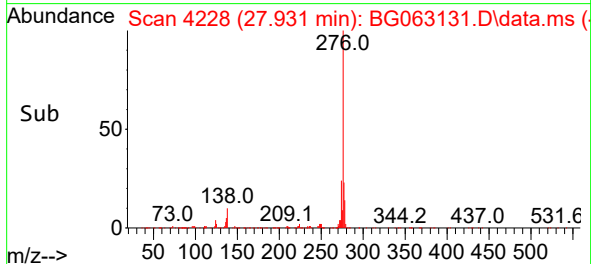
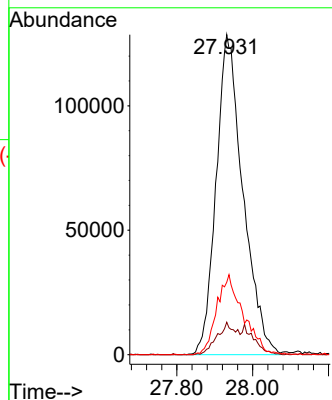
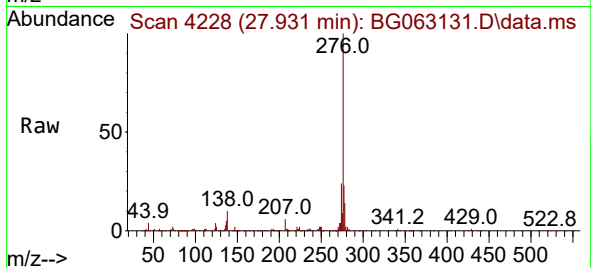
Tgt Ion:276 Resp: 631090

Ion Ratio Lower Upper

276 100

138 7.3 8.3 12.5#

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 9.961 ng

RT: 23.560 min Scan# 3484

Delta R.T. -0.004 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

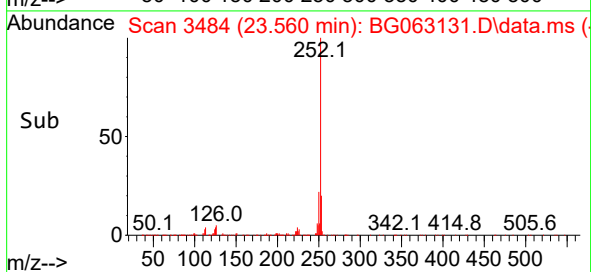
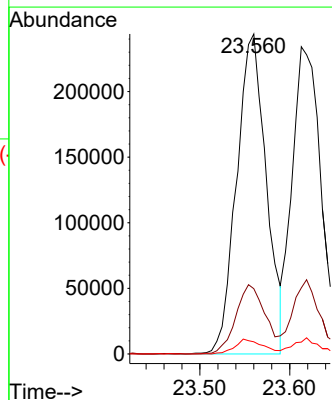
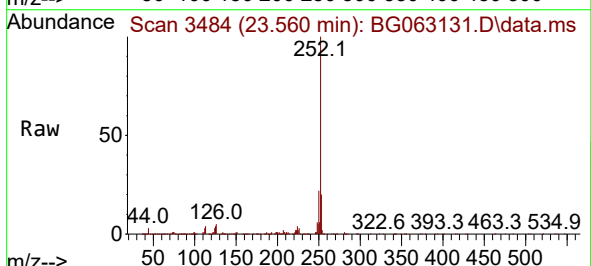
Tgt Ion:252 Resp: 559454

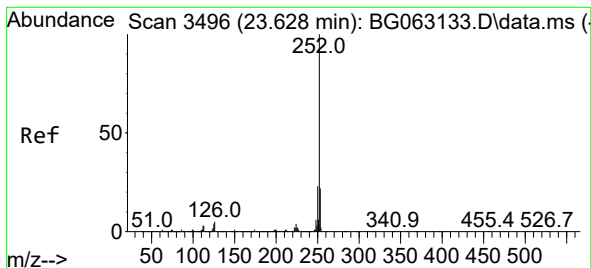
Ion Ratio Lower Upper

252 100

253 20.4 18.7 28.1

125 3.8 3.6 5.4





#89

Benzo(k)fluoranthene

Concen: 9.746 ng

RT: 23.613 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

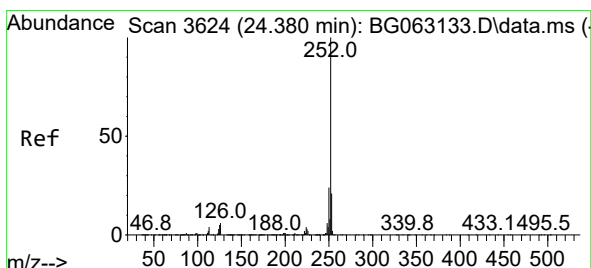
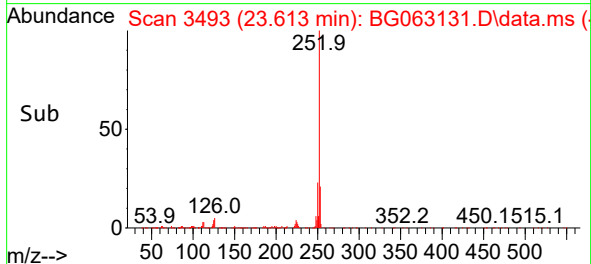
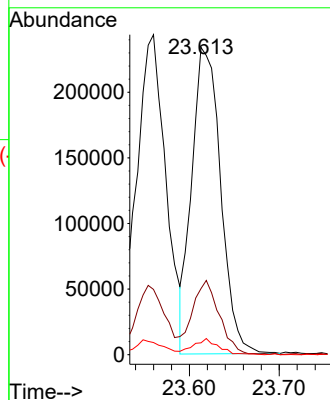
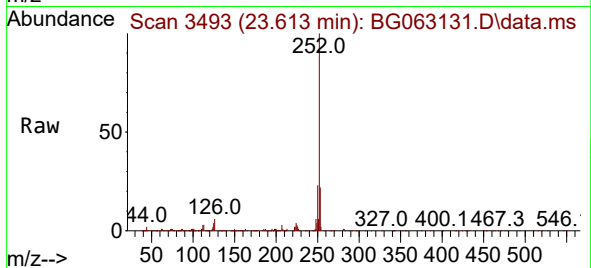
Tgt Ion:252 Resp: 522236

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 3.9 3.0 4.6



#90

Benzo(a)pyrene

Concen: 10.117 ng

RT: 24.371 min Scan# 3622

Delta R.T. -0.010 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

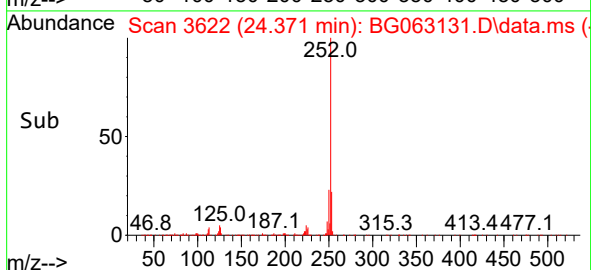
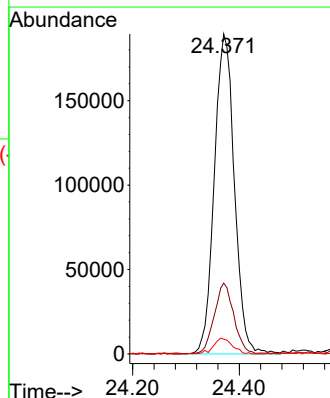
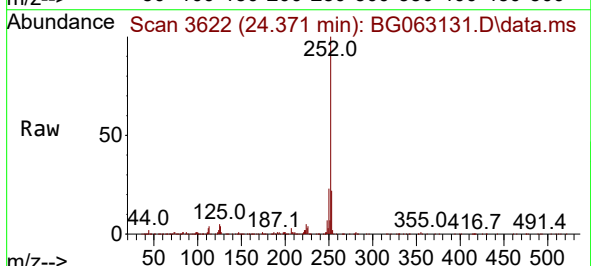
Tgt Ion:252 Resp: 495998

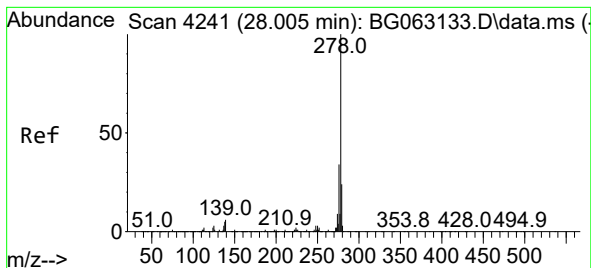
Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 4.6 3.7 5.5





#91

Dibenzo(a,h)anthracene

Concen: 9.945 ng

RT: 27.984 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Instrument :

BNA_G

ClientSampleId :

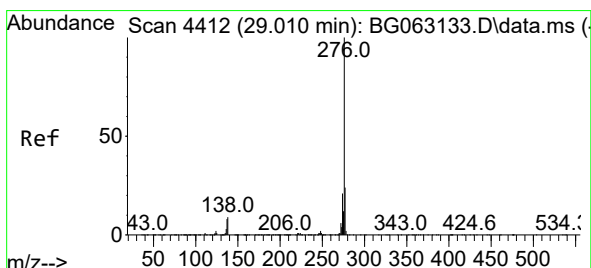
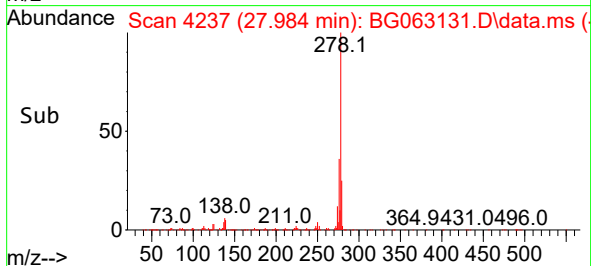
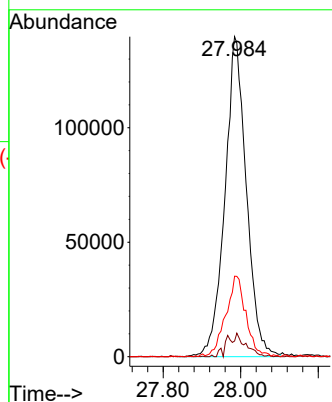
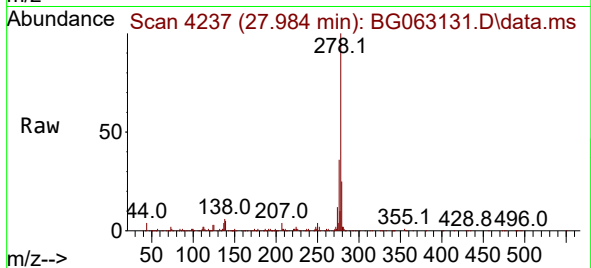
Tgt Ion:278 Resp: 536750

Ion Ratio Lower Upper

278 100

139 4.9 5.0 7.6#

279 25.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 9.973 ng

RT: 29.001 min Scan# 4410

Delta R.T. -0.010 min

Lab File: BG063131.D

Acq: 31 Oct 2024 13:30

Tgt Ion:276 Resp: 532054

Ion Ratio Lower Upper

276 100

277 19.9 19.3 28.9

138 10.1 7.0 10.4

