

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056438.D
 Acq On : 26 Jan 2023 11:36
 Operator : CG/JU
 Sample : PB150464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS

Quant Time: Jan 27 00:56:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	41016	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	172126	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	146178	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	349633	20.000	ng	0.00
76) Chrysene-d12	21.943	240	346914	20.000	ng	# 0.00
86) Perylene-d12	25.375	264	330312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	320844	139.669	ng	0.00
7) Phenol-d6	7.443	99	444636	126.037	ng	0.00
23) Nitrobenzene-d5	9.470	82	229252	68.128	ng	0.00
42) 2,4,6-Tribromophenol	16.397	330	224134	121.067	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	802013	75.764	ng	0.00
79) Terphenyl-d14	20.222	244	1496761	77.275	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.612	88	29018	27.656	ng	# 92
3) Pyridine	4.035	79	74057	23.173	ng	# 91
4) n-Nitrosodimethylamine	3.947	42	22858	35.162	ng	94
6) Aniline	7.607	93	106823	23.090	ng	99
8) 2-Chlorophenol	7.854	128	115655	50.594	ng	95
9) Benzaldehyde	7.419	77	41228	19.655	ng	94
10) Phenol	7.466	94	157347	43.980	ng	98
11) bis(2-Chloroethyl)ether	7.695	93	98353	40.566	ng	98
12) 1,3-Dichlorobenzene	8.330	146	130369	46.860	ng	92
13) 1,4-Dichlorobenzene	8.330	146	130369	46.664	ng	95
14) 1,2-Dichlorobenzene	8.653	146	126929	47.086	ng	99
15) Benzyl Alcohol	8.530	79	103216	40.201	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.818	45	22719	53.027	ng	# 67
17) 2-Methylphenol	8.735	107	111131	42.332	ng	98
18) Hexachloroethane	9.388	117	39412	46.438	ng	93
19) n-Nitroso-di-n-propyla...	9.100	70	77601	36.174	ng	94
20) 3+4-Methylphenols	9.064	107	155201	42.050	ng	98
22) Acetophenone	9.123	105	181525	37.298	ng	96
24) Nitrobenzene	9.511	77	117240	35.157	ng	95
25) Isophorone	10.034	82	237365	33.526	ng	# 93
26) 2-Nitrophenol	10.228	139	72176	42.302	ng	97
27) 2,4-Dimethylphenol	10.275	122	130253	41.855	ng	95
28) bis(2-Chloroethoxy)met...	10.510	93	140596	38.207	ng	99
29) 2,4-Dichlorophenol	10.768	162	148749	43.235	ng	98
30) 1,2,4-Trichlorobenzene	10.986	180	157926	40.449	ng	98
31) Naphthalene	11.180	128	370830	40.936	ng	99
32) Benzoic acid	10.427	122	71850	31.117	ng	91
33) 4-Chloroaniline	11.279	127	98544	22.785	ng	98
34) Hexachlorobutadiene	11.450	225	114236	40.682	ng	96
35) Caprolactam	12.049	113	28372	24.357	ng	89
36) 4-Chloro-3-methylphenol	12.384	107	139963	40.091	ng	97
37) 2-Methylnaphthalene	12.760	142	294849	38.548	ng	98
38) 1-Methylnaphthalene	12.977	142	276930	38.988	ng	100
40) 1,2,4,5-Tetrachloroben...	13.124	216	214843	39.214	ng	99
41) Hexachlorocyclopentadiene	13.095	237	237185	75.934	ng	96
43) 2,4,6-Trichlorophenol	13.359	196	141701	39.114	ng	97

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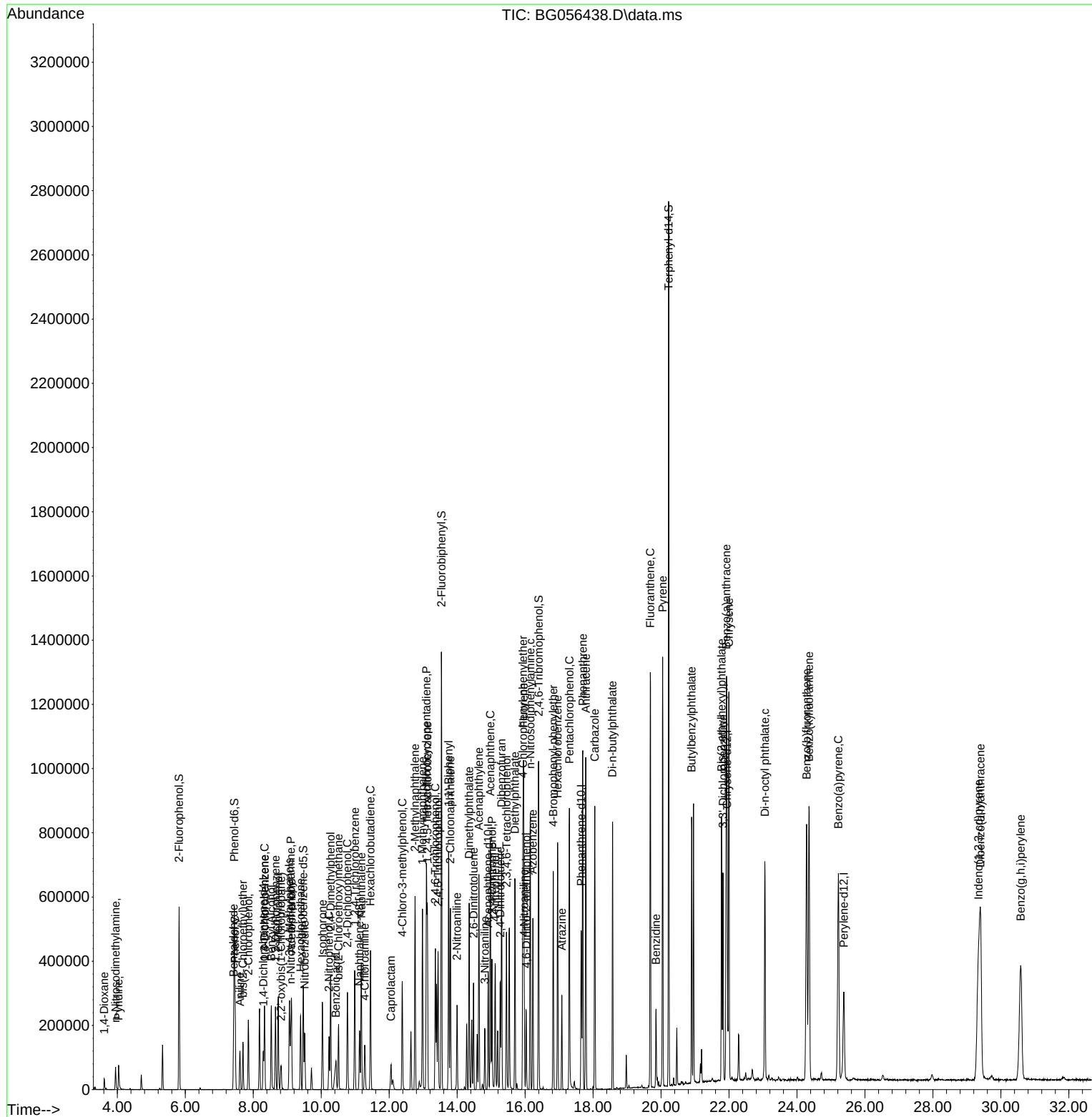
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.436	196	153790	35.886	ng	99
46) 1,1'-Biphenyl	13.747	154	425021	40.599	ng	99
47) 2-Chloronaphthalene	13.800	162	338284	40.939	ng	99
48) 2-Nitroaniline	13.994	65	66900	37.999	ng	93
49) Acenaphthylene	14.640	152	521167	38.757	ng	99
50) Dimethylphthalate	14.352	163	448949	38.045	ng	99
51) 2,6-Dinitrotoluene	14.482	165	99902	39.731	ng	88
52) Acenaphthene	14.975	154	316434	36.182	ng	99
53) 3-Nitroaniline	14.811	138	65097	27.203	ng	89
54) 2,4-Dinitrophenol	15.022	184	141862	78.975	ng	95
55) Dibenzofuran	15.304	168	557102	38.494	ng	98
56) 4-Nitrophenol	15.122	139	140195	76.174	ng	84
57) 2,4-Dinitrotoluene	15.269	165	140341	39.909	ng	87
58) Fluorene	15.956	166	443331	38.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.451	232	141243	35.102	ng	97
60) Diethylphthalate	15.698	149	417721	37.747	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	273174	37.604	ng	97
62) 4-Nitroaniline	15.974	138	91809	37.454	ng	93
63) Azobenzene	16.227	77	297387	34.823	ng	95
65) 4,6-Dinitro-2-methylph...	16.033	198	97352	41.328	ng	96
66) n-Nitrosodiphenylamine	16.150	169	403570	41.602	ng	98
67) 4-Bromophenyl-phenylether	16.826	248	185607	41.689	ng	99
68) Hexachlorobenzene	16.955	284	189325	45.578	ng	98
69) Atrazine	17.078	200	75824	18.860	ng	98
70) Pentachlorophenol	17.302	266	209755	65.737	ng	99
71) Phenanthrene	17.695	178	741964	40.949	ng	99
72) Anthracene	17.784	178	750435	40.149	ng	99
73) Carbazole	18.048	167	651613	41.475	ng	99
74) Di-n-butylphthalate	18.571	149	678987	43.353	ng	99
75) Fluoranthene	19.681	202	921476	38.988	ng	99
77) Benzidine	19.852	184	180857	14.876	ng	99
78) Pyrene	20.046	202	931651	38.101	ng	99
80) Butylbenzylphthalate	20.898	149	288940	41.188	ng	96
81) Benzo(a)anthracene	21.920	228	934873	38.368	ng	99
82) 3,3'-Dichlorobenzidine	21.820	252	294853	33.615	ng	98
83) Chrysene	21.996	228	873190	38.258	ng	99
84) Bis(2-ethylhexyl)phtha...	21.779	149	418344	41.393	ng	99
85) Di-n-octyl phthalate	23.054	149	711320	41.691	ng	100
87) Indeno(1,2,3-cd)pyrene	29.341	276	1064472	44.312	ng #	99
88) Benzo(b)fluoranthene	24.282	252	979998	46.696	ng	99
89) Benzo(k)fluoranthene	24.352	252	948859	45.403	ng	100
90) Benzo(a)pyrene	25.216	252	856272	41.831	ng #	99
91) Dibenzo(a,h)anthracene	29.399	278	917590	45.560	ng	98
92) Benzo(g,h,i)perylene	30.580	276	869753	44.532	ng	98

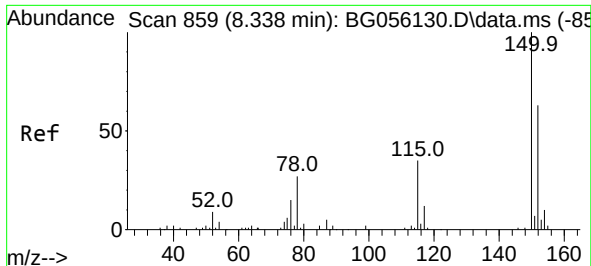
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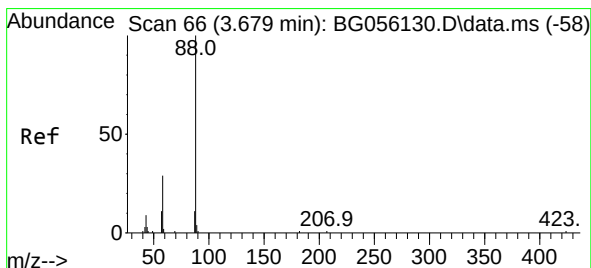
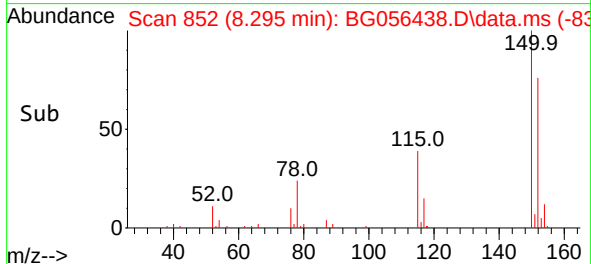
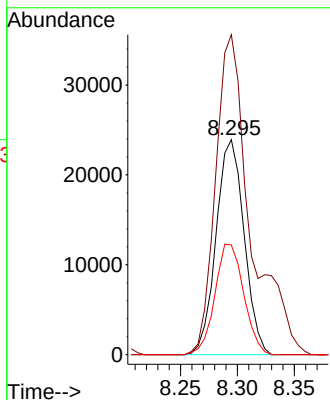
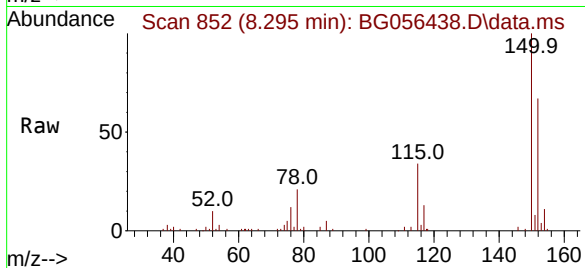




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.295 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056438.D
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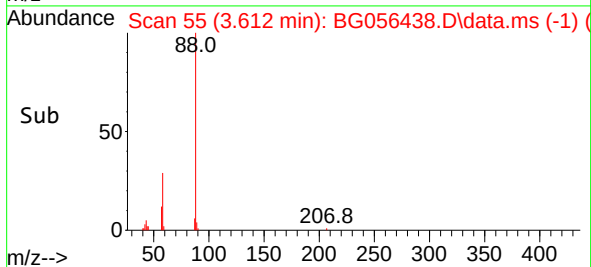
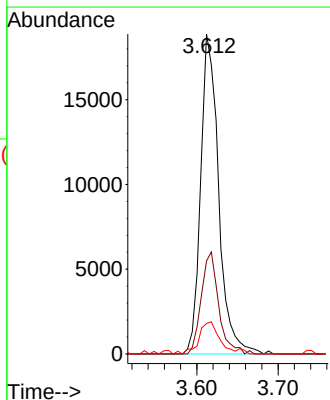
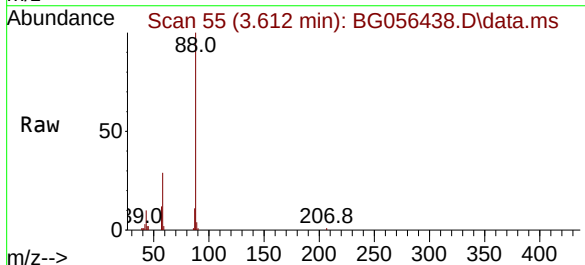
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BNA_G
ClientSampleId :
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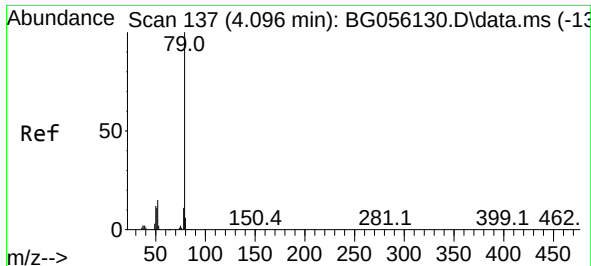
Tgt Ion:152 Resp: 41016
Ion Ratio Lower Upper
152 100
150 148.8 127.9 191.9
115 51.0 44.2 66.2



#2
1,4-Dioxane
Concen: 27.656 ng
RT: 3.612 min Scan# 55
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 88 Resp: 29018
Ion Ratio Lower Upper
88 100
58 30.9 21.4 32.0
43 11.9 7.1 10.7#

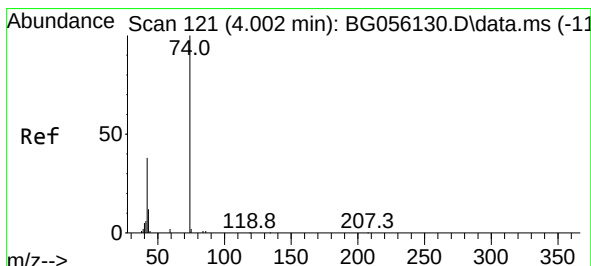
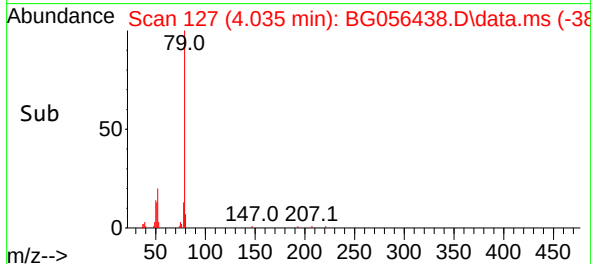
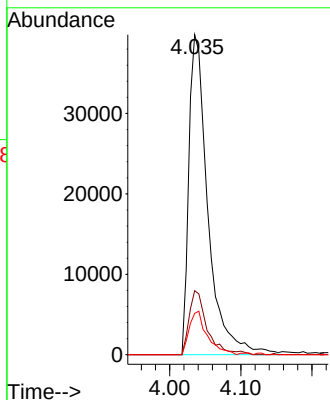
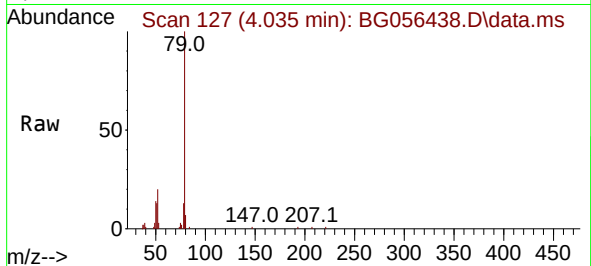




#3
 Pyridine
 Concen: 23.173 ng
 RT: 4.035 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

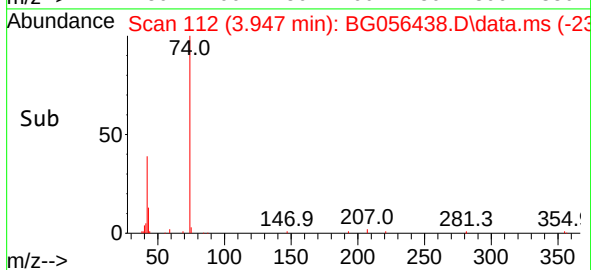
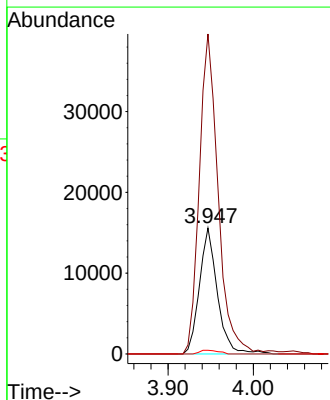
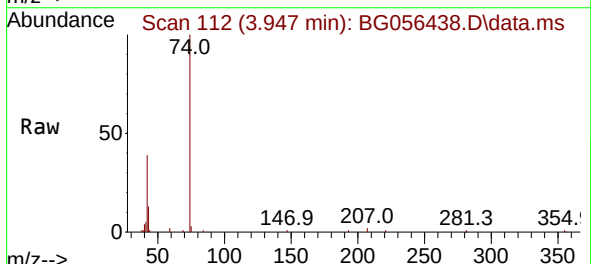
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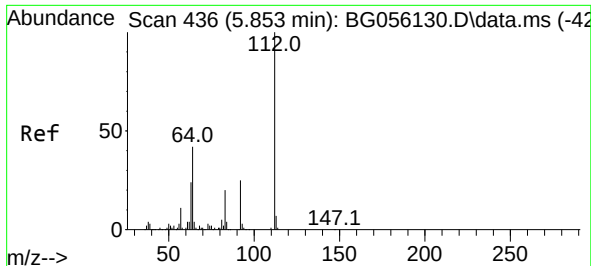
Tgt Ion: 79 Resp: 74057
 Ion Ratio Lower Upper
 79 100
 52 20.0 11.8 17.6#
 51 12.9 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 35.162 ng
 RT: 3.947 min Scan# 112
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

Tgt Ion: 42 Resp: 22858
 Ion Ratio Lower Upper
 42 100
 74 254.1 212.6 319.0
 44 3.0 2.6 3.8

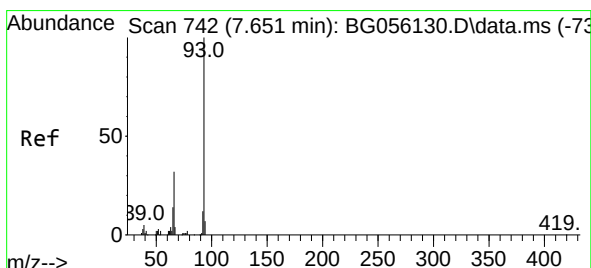
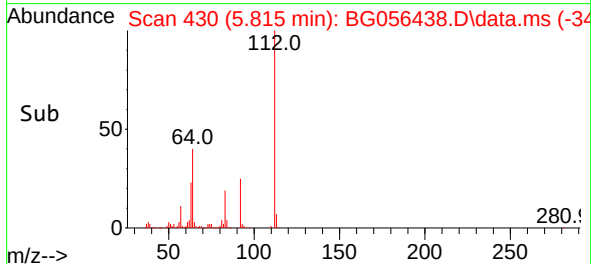
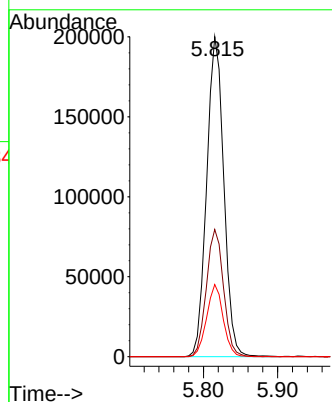
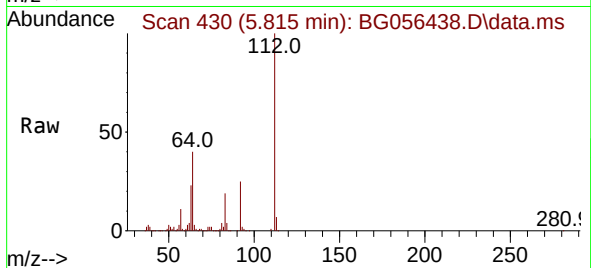




#5
2-Fluorophenol
Concen: 139.669 ng
RT: 5.815 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

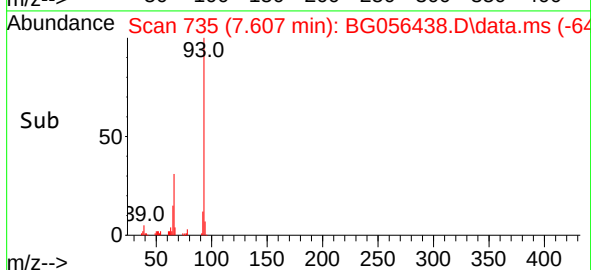
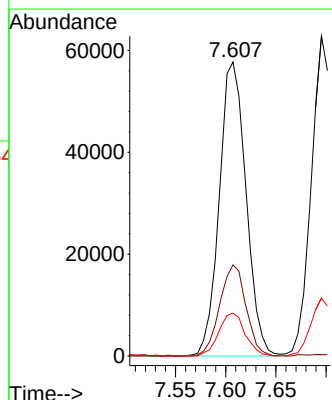
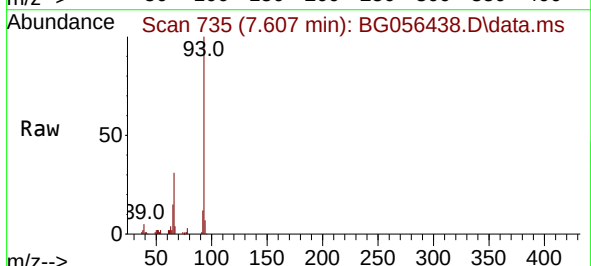
Instrument :
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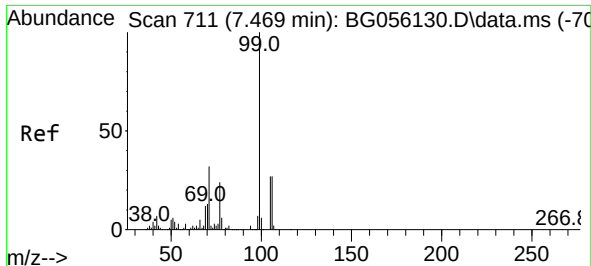
Tgt Ion:112 Resp: 320844
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 22.5 19.0 28.4



#6
Aniline
Concen: 23.090 ng
RT: 7.607 min Scan# 735
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 93 Resp: 106823
Ion Ratio Lower Upper
93 100
66 31.0 25.4 38.2
65 14.6 11.4 17.2

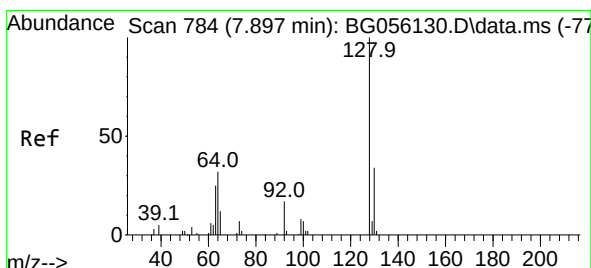
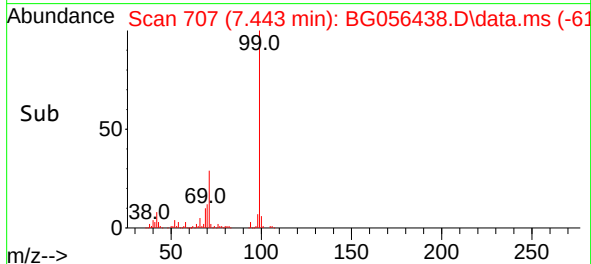
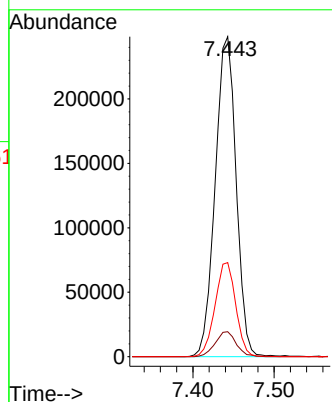
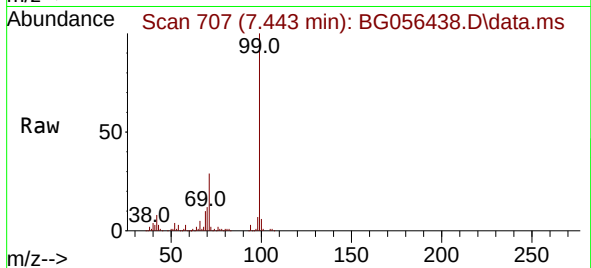




#7
Phenol-d6
Concen: 126.037 ng
RT: 7.443 min Scan# 711
Delta R.T. 0.007 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

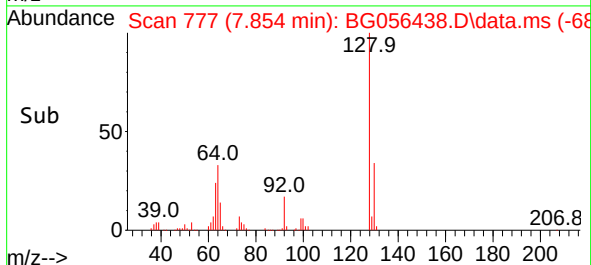
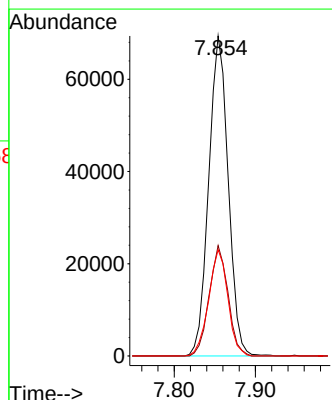
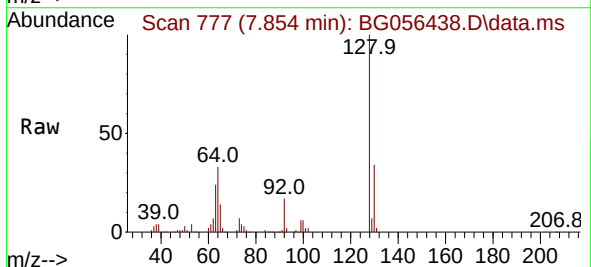
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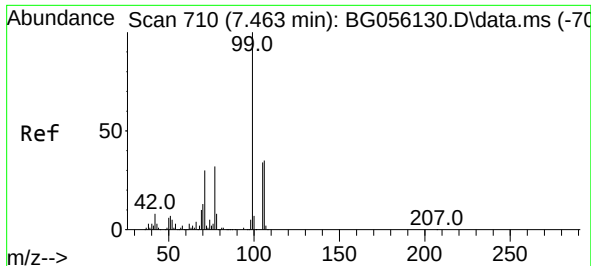
Tgt Ion: 99 Resp: 444636
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.4 25.4 38.2



#8
2-Chlorophenol
Concen: 50.594 ng
RT: 7.854 min Scan# 777
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 128 Resp: 115655
Ion Ratio Lower Upper
128 100
130 34.5 13.5 53.5
64 33.2 18.0 58.0

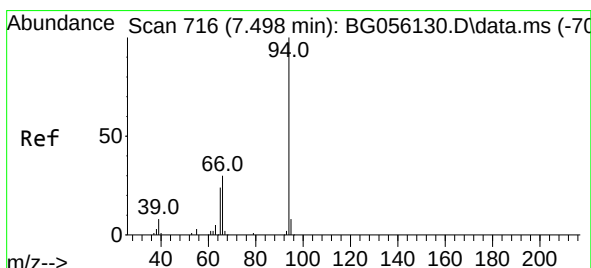
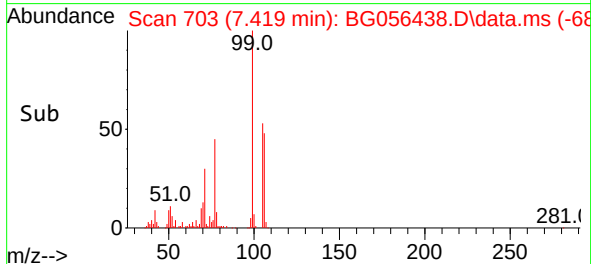
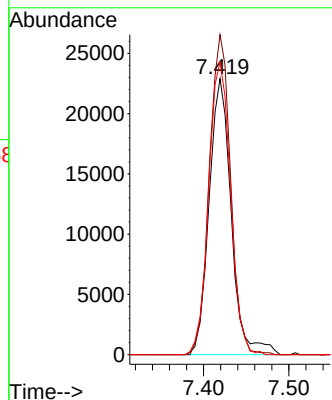
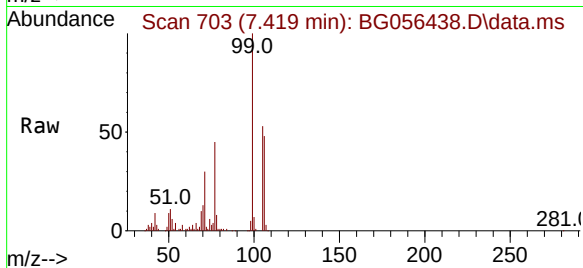




#9
Benzaldehyde
Concen: 19.655 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.002 min
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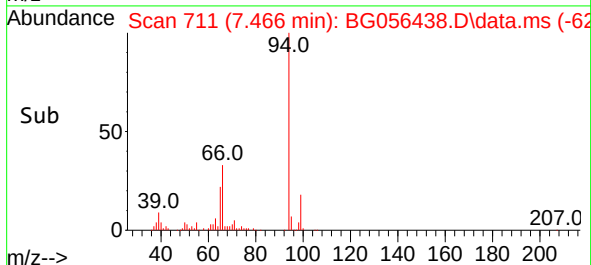
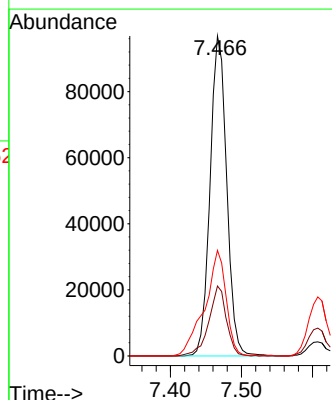
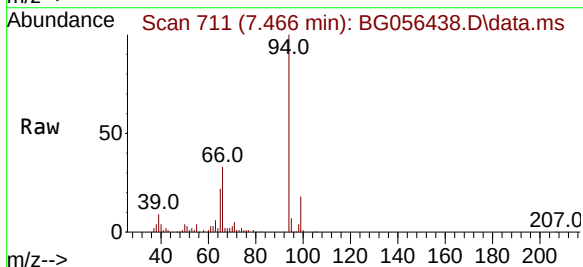
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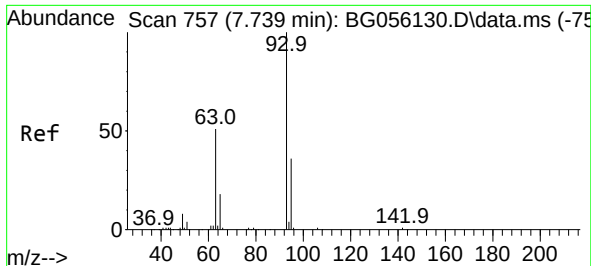
Tgt Ion: 77 Resp: 41228
Ion Ratio Lower Upper
77 100
105 116.0 86.8 126.8
106 106.1 89.3 129.3



#10
Phenol
Concen: 43.980 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG056438.D
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Tgt Ion: 94 Resp: 157347
Ion Ratio Lower Upper
94 100
65 21.9 4.3 44.3
66 33.0 13.2 53.2

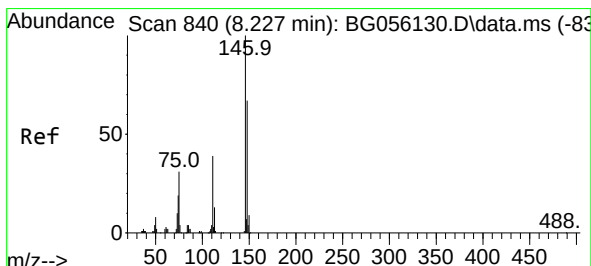
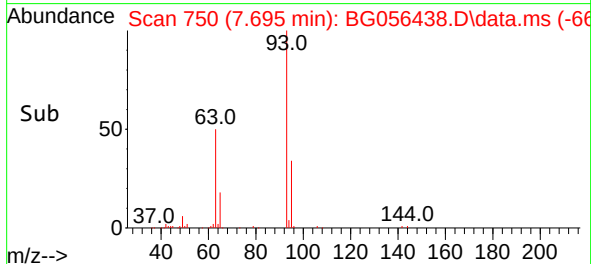
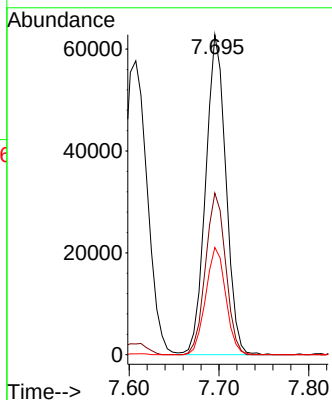
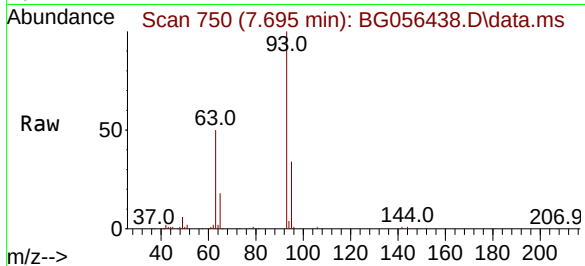




#11
bis(2-Chloroethyl)ether
Concen: 40.566 ng
RT: 7.695 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

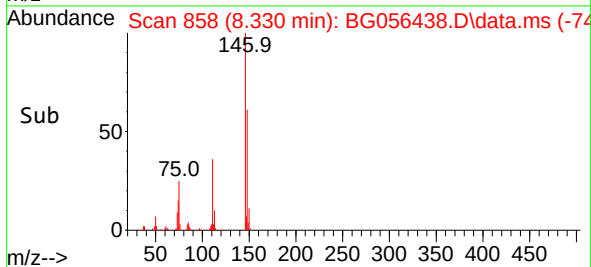
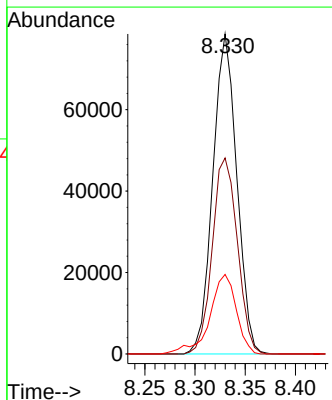
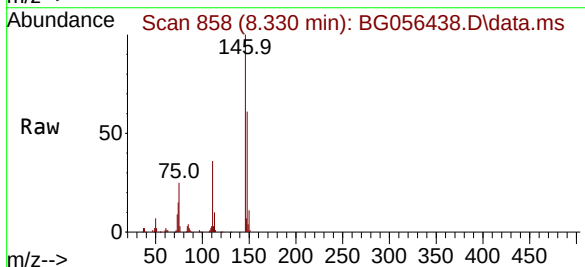
Instrument :
BNA_G
ClientSampleId :
PB150464BS

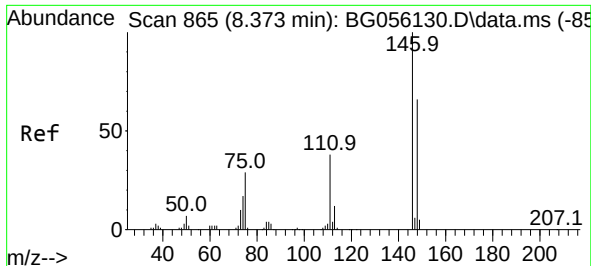
Tgt Ion: 93 Resp: 98353
Ion Ratio Lower Upper
93 100
63 50.5 30.5 70.5
95 33.5 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 46.860 ng
RT: 8.330 min Scan# 858
Delta R.T. 0.148 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 146 Resp: 130369
Ion Ratio Lower Upper
146 100
148 61.2 53.5 80.3
75 24.9 24.8 37.2

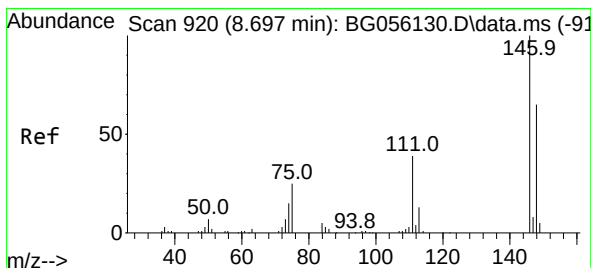
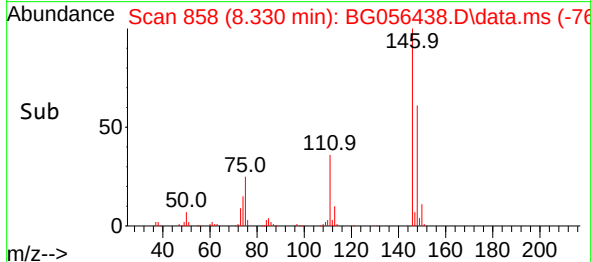
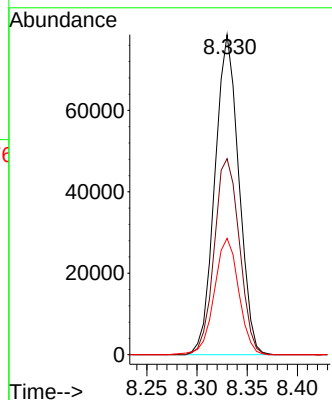
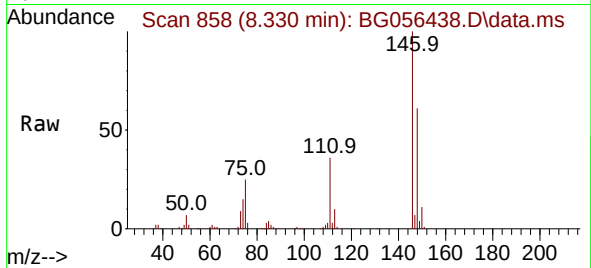




#13
1,4-Dichlorobenzene
Concen: 46.664 ng
RT: 8.330 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

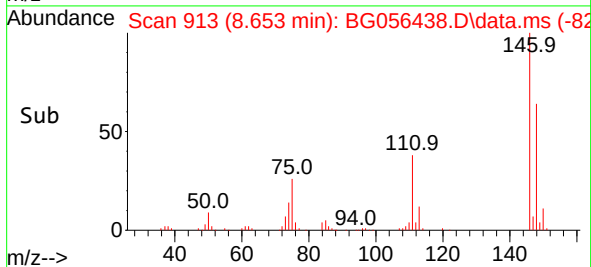
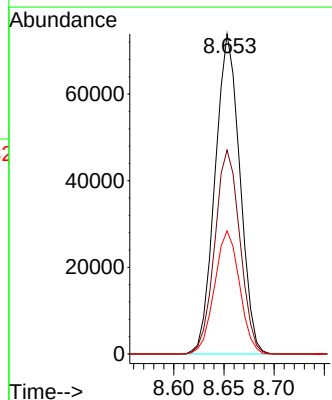
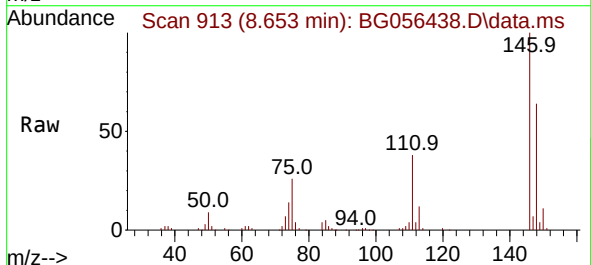
Instrument :
BNA_G
ClientSampleId :
PB150464BS

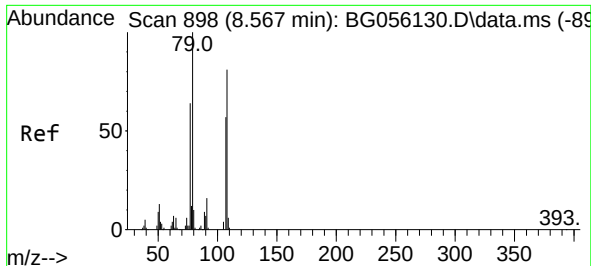
Tgt Ion:146 Resp: 130369
Ion Ratio Lower Upper
146 100
148 61.2 52.8 79.2
111 36.4 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 47.086 ng
RT: 8.653 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:146 Resp: 126929
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 38.5 31.5 47.3

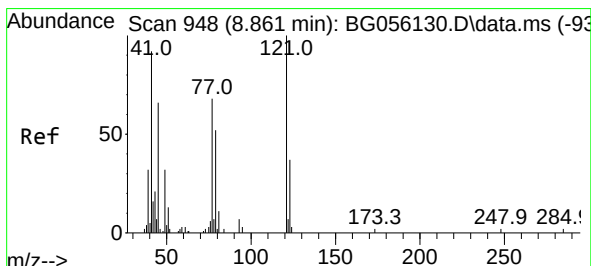
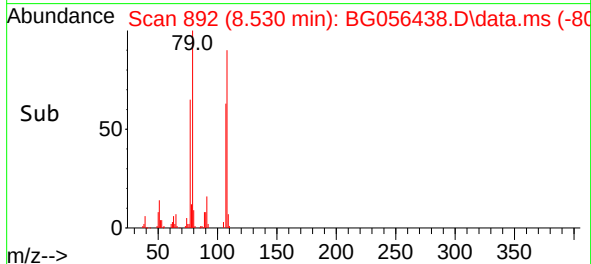
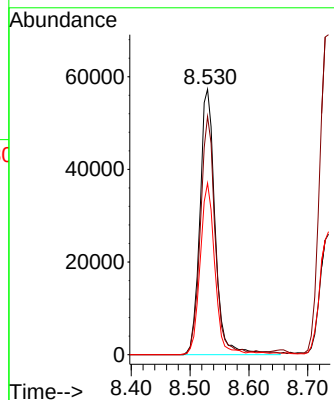
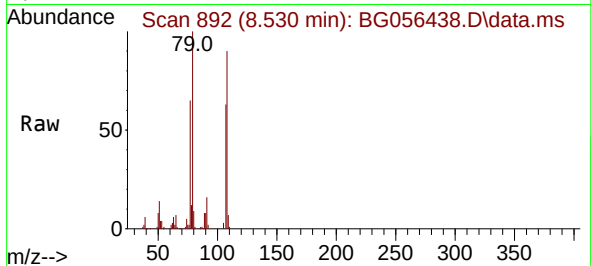




#15
Benzyl Alcohol
Concen: 40.201 ng
RT: 8.530 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

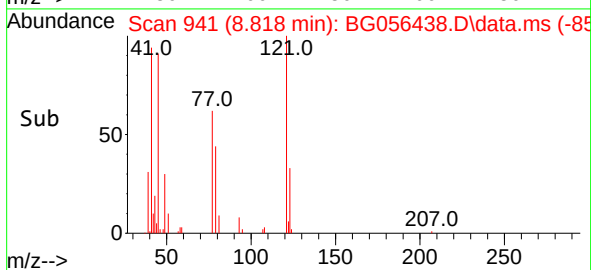
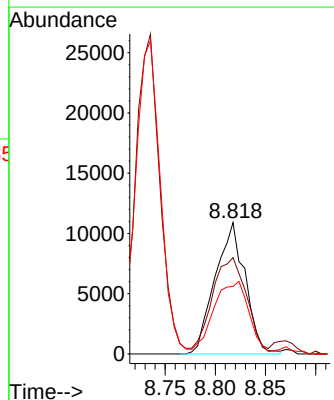
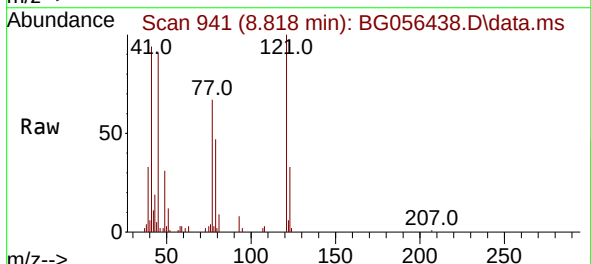
Instrument :
BNA_G
ClientSampleId :
PB150464BS

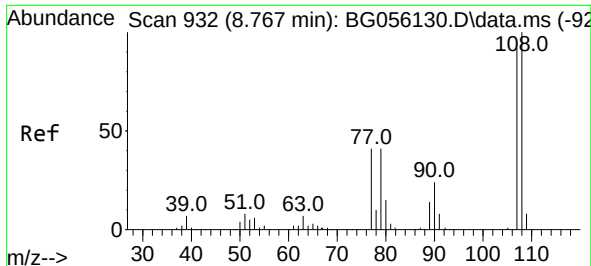
Tgt Ion: 79 Resp: 103216
Ion Ratio Lower Upper
79 100
108 89.8 64.7 97.1
77 64.6 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.027 ng
RT: 8.818 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 45 Resp: 22719
Ion Ratio Lower Upper
45 100
77 73.2 88.2 128.2#
79 51.3 61.2 101.2#

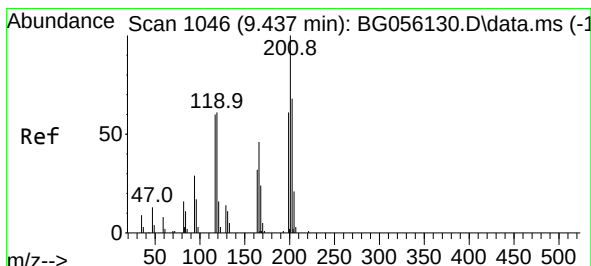
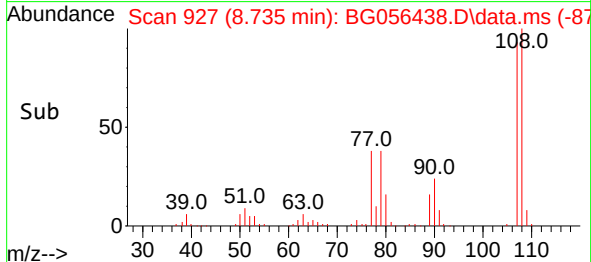
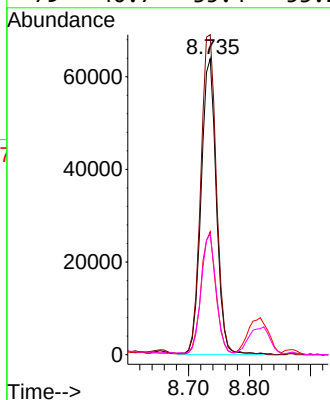
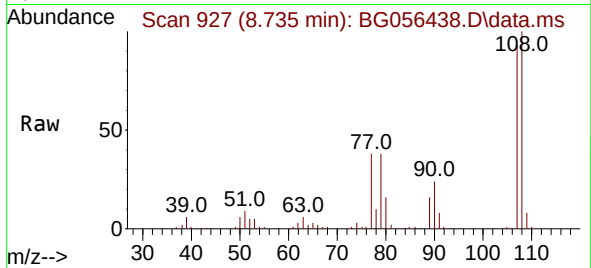




#17
2-Methylphenol
Concen: 42.332 ng
RT: 8.735 min Scan# 911
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

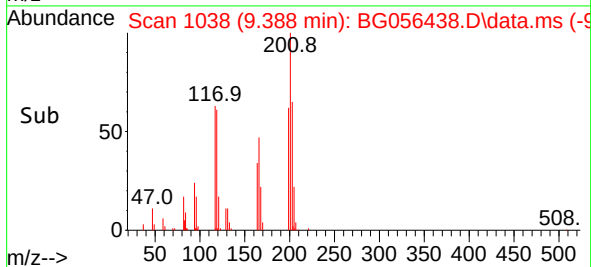
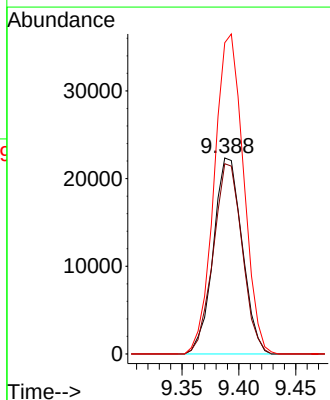
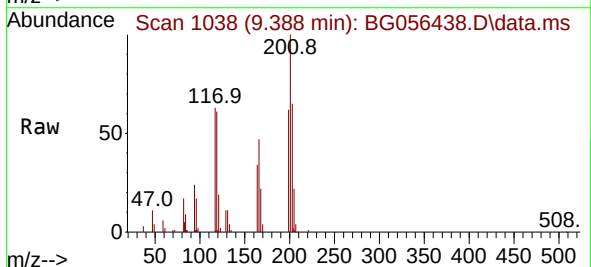
Instrument :
BNA_G
ClientSampleId :
PB150464BS

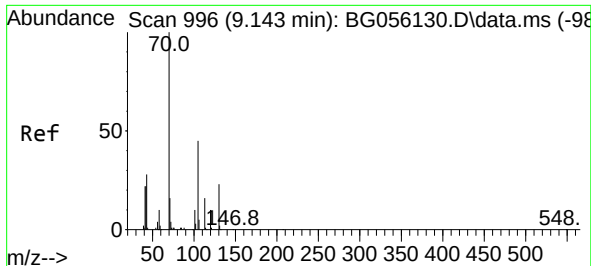
Tgt Ion:	107	Resp:	111131
Ion	Ratio	Lower	Upper
107	100		
108	108.1	86.6	129.8
77	41.5	35.4	53.2
79	40.7	35.4	53.2



#18
Hexachloroethane
Concen: 46.438 ng
RT: 9.388 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:	117	Resp:	39412
Ion	Ratio	Lower	Upper
117	100		
119	96.8	81.8	122.6
201	155.8	134.2	201.2



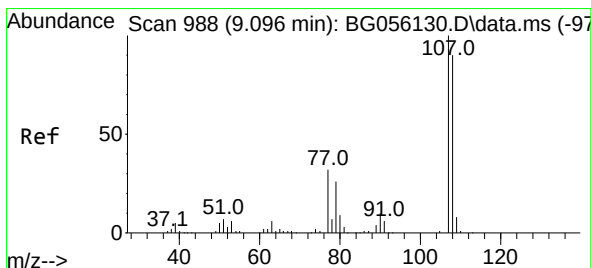
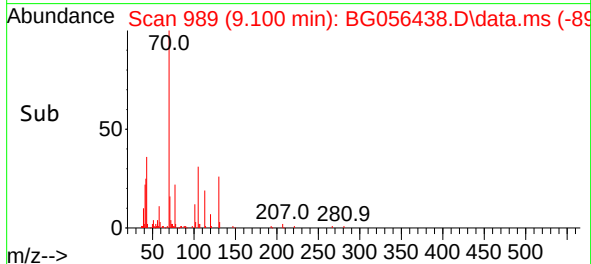
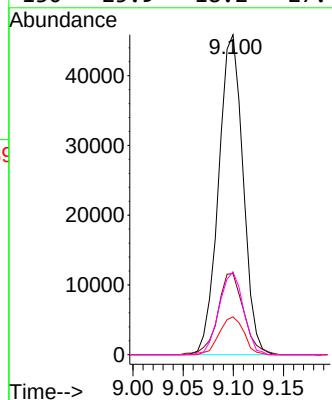
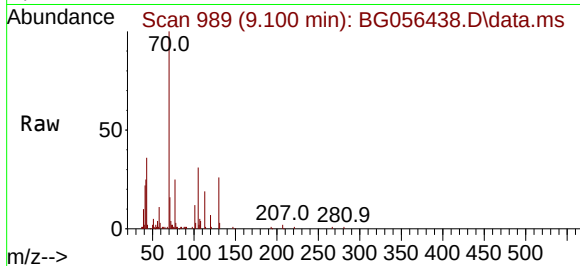


#19
n-Nitroso-di-n-propylamine
Concen: 36.174 ng
RT: 9.100 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Tgt Ion: 70 Resp: 77601

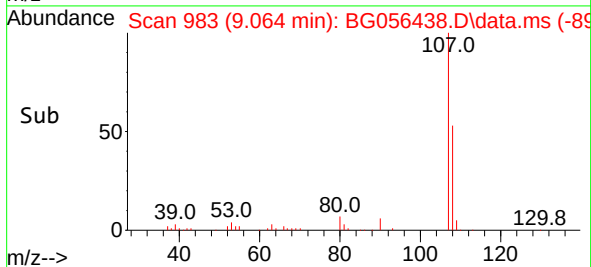
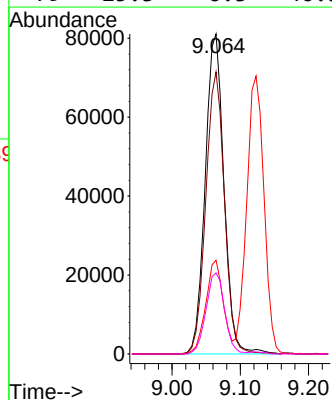
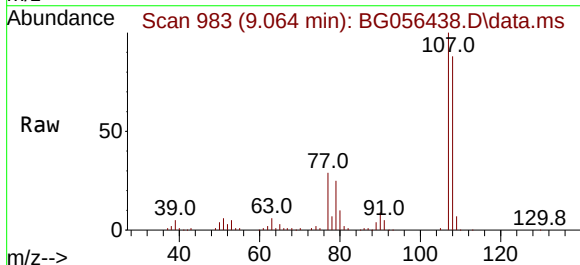
Ion	Ratio	Lower	Upper
70	100		
42	25.4	18.2	27.2
101	11.8	8.3	12.5
130	25.9	18.2	27.4

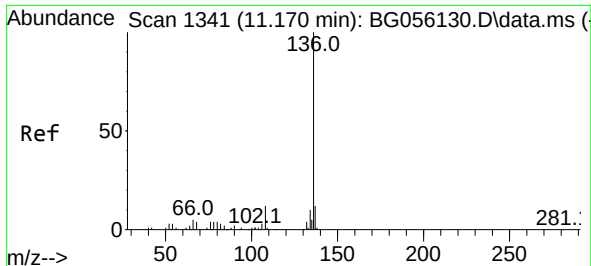


#20
3+4-Methylphenols
Concen: 42.050 ng
RT: 9.064 min Scan# 983
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 107 Resp: 155201

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.6	109.6
77	29.3	11.7	51.7
79	25.3	6.3	46.3

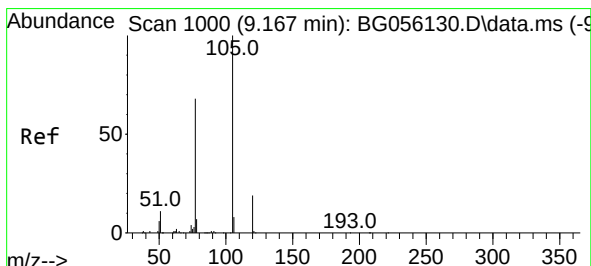
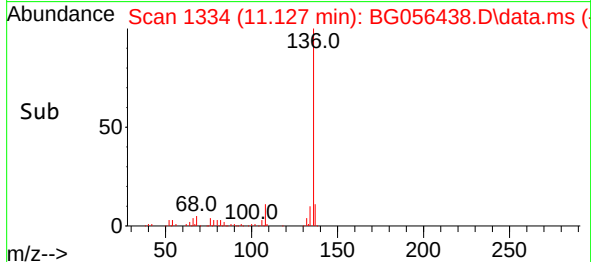
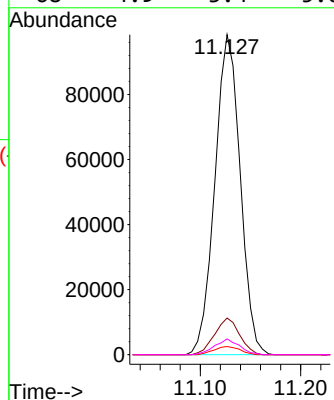
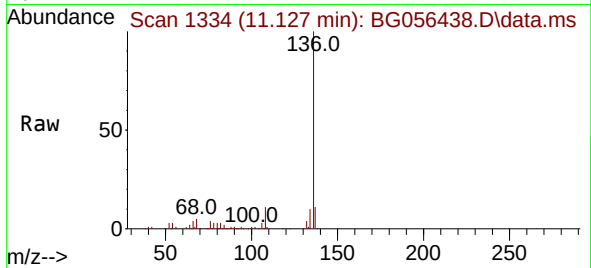




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

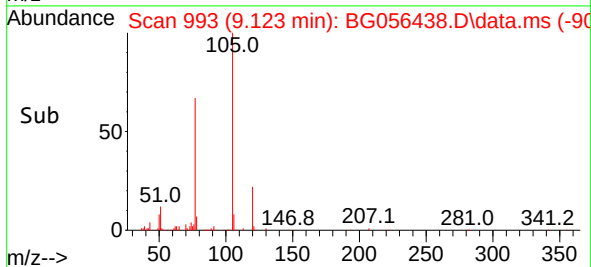
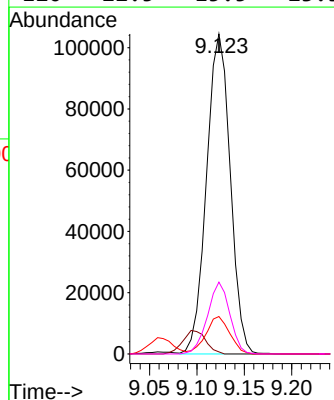
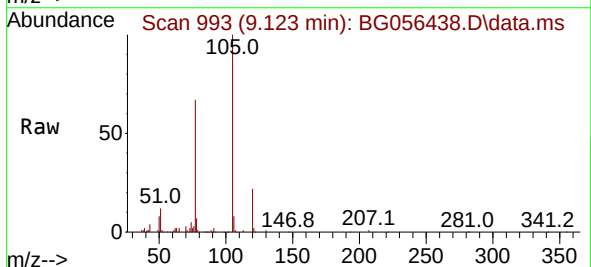
Instrument :
BNA_G
ClientSampleId :
PB150464BS

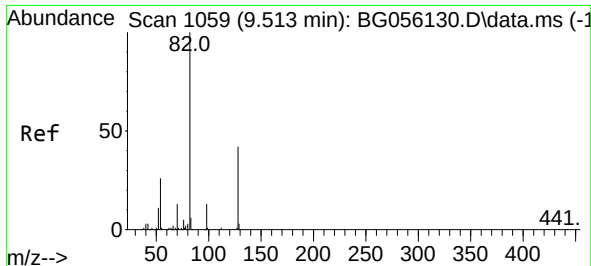
Tgt Ion:	136	Resp:	172126
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	2.5	2.2	3.2
68	4.9	3.4	5.0



#22
Acetophenone
Concen: 37.298 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:	105	Resp:	181525
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.5	0.7
51	11.7	9.3	13.9
120	22.5	15.5	23.3

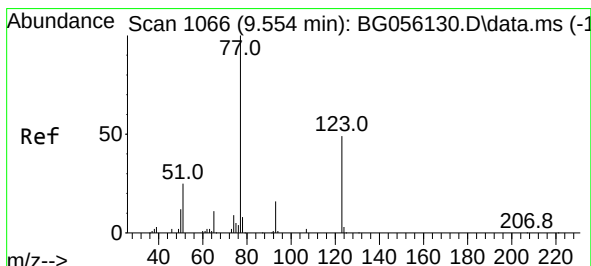
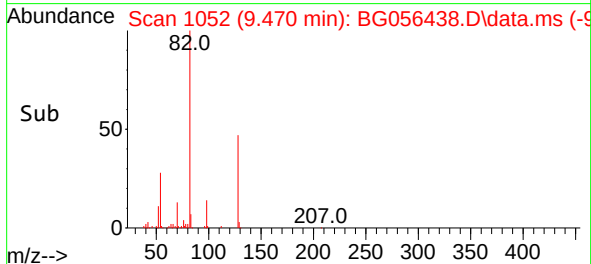
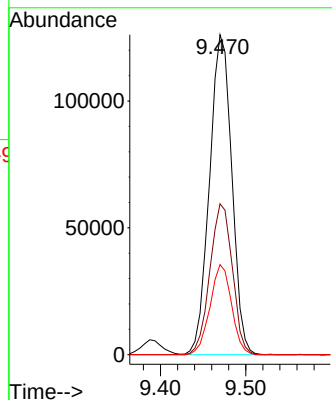
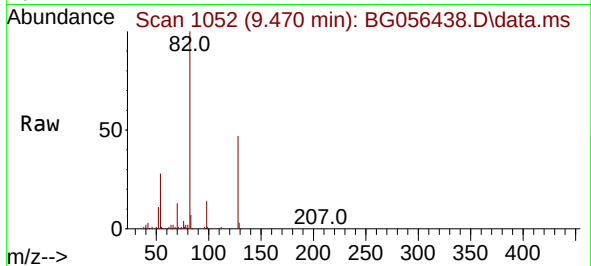




#23
Nitrobenzene-d5
Concen: 68.128 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

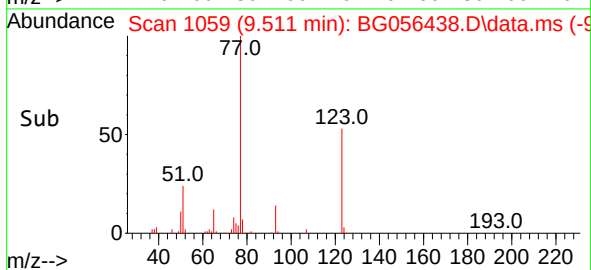
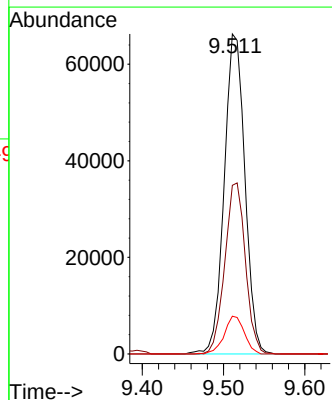
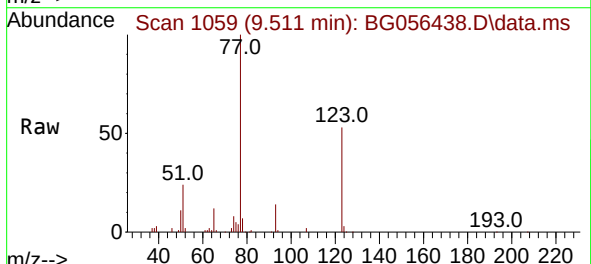
Instrument :
BNA_G
ClientSampleId :
PB150464BS

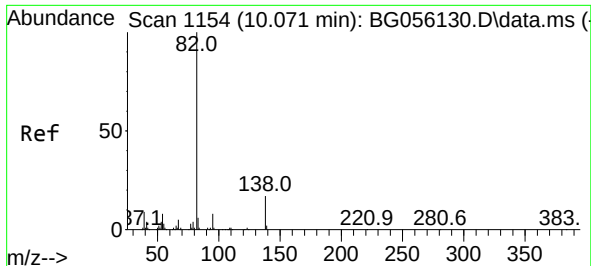
Tgt Ion: 82 Resp: 229252
Ion Ratio Lower Upper
82 100
128 47.1 33.4 50.2
54 28.2 20.3 30.5



#24
Nitrobenzene
Concen: 35.157 ng
RT: 9.511 min Scan# 1059
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 77 Resp: 117240
Ion Ratio Lower Upper
77 100
123 52.7 38.8 58.2
65 11.8 9.1 13.7

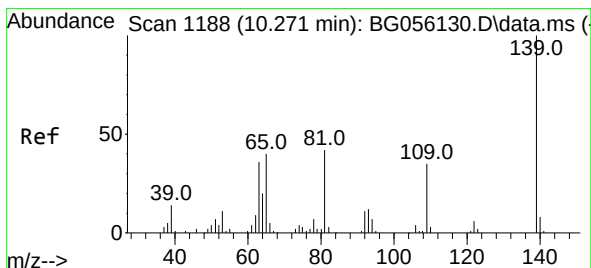
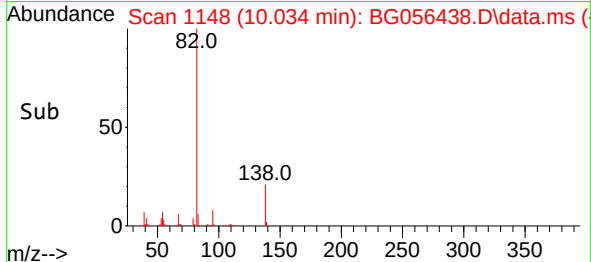
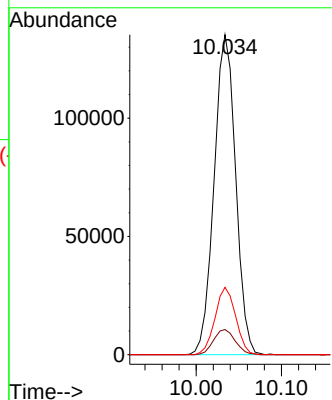
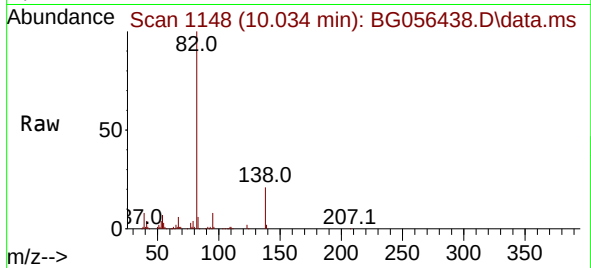




#25
Isophorone
Concen: 33.526 ng
RT: 10.034 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

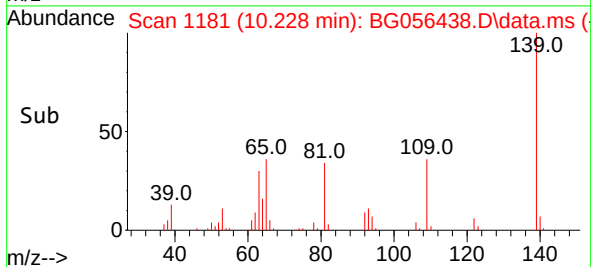
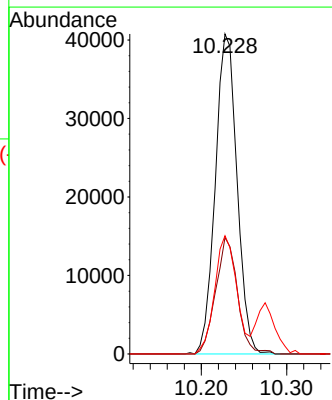
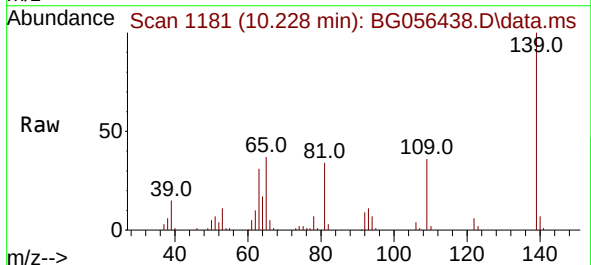
Instrument :
BNA_G
ClientSampleId :
PB150464BS

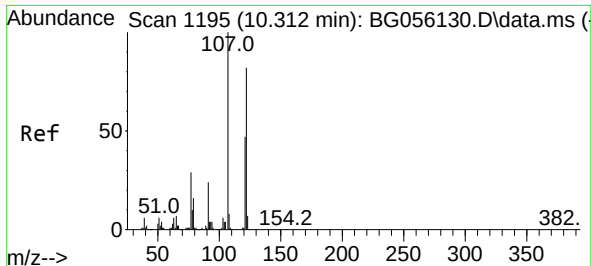
Tgt Ion: 82 Resp: 237365
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 21.1 13.7 20.5#



#26
2-Nitrophenol
Concen: 42.302 ng
RT: 10.228 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:139 Resp: 72176
Ion Ratio Lower Upper
139 100
109 36.4 28.4 42.6
65 37.0 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 41.855 ng

RT: 10.275 min Scan# 1189

Delta R.T. 0.001 min

Lab File: BG056438.D

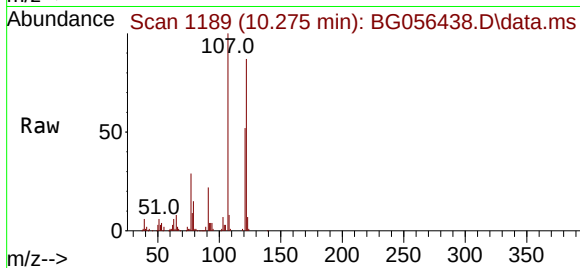
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS



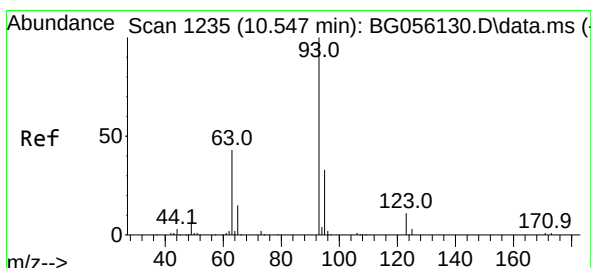
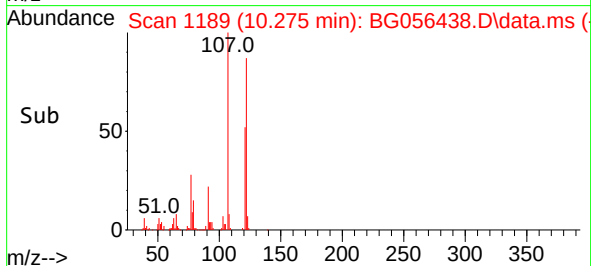
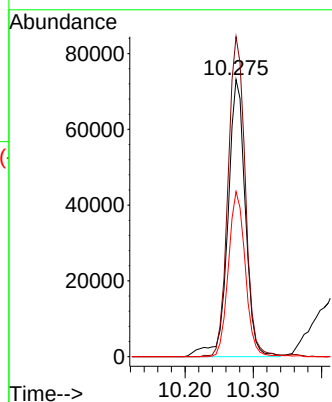
Tgt Ion:122 Resp: 130253

Ion Ratio Lower Upper

122 100

107 115.5 97.5 146.3

121 59.6 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.207 ng

RT: 10.510 min Scan# 1229

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

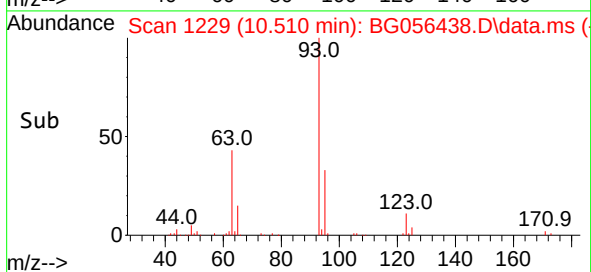
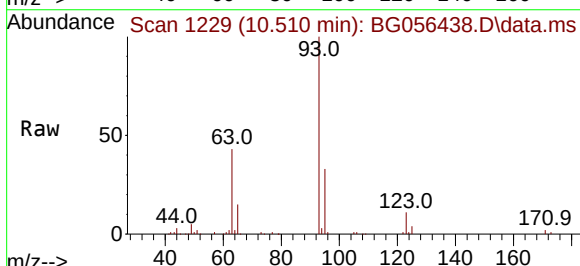
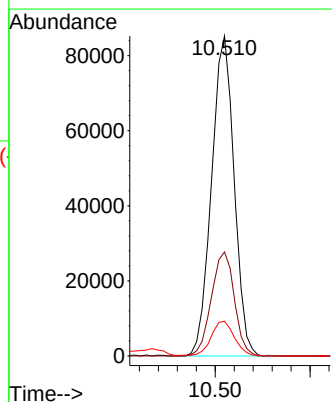
Tgt Ion: 93 Resp: 140596

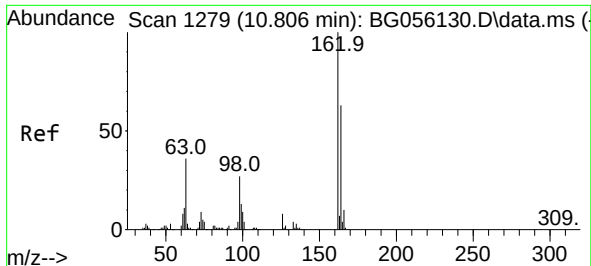
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 10.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 43.235 ng

RT: 10.768 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

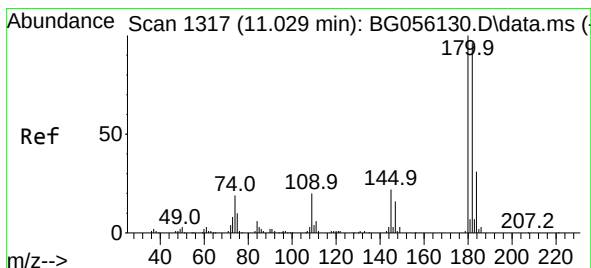
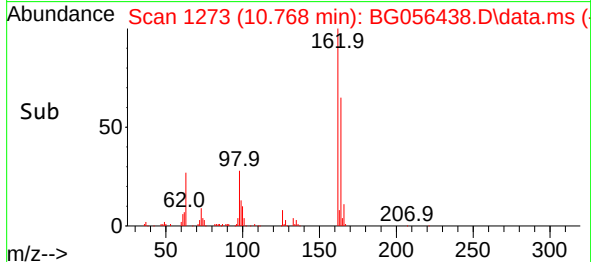
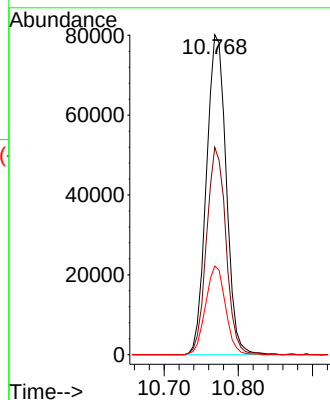
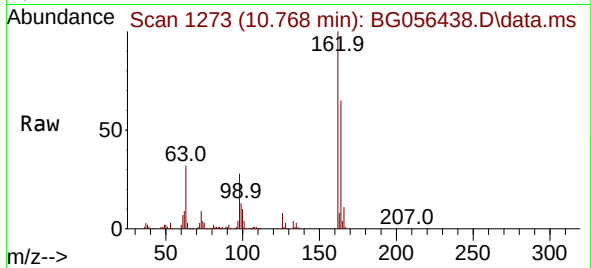
Tgt Ion:162 Resp: 148749

Ion Ratio Lower Upper

162 100

164 64.8 43.3 83.3

98 27.7 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 40.449 ng

RT: 10.986 min Scan# 1310

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

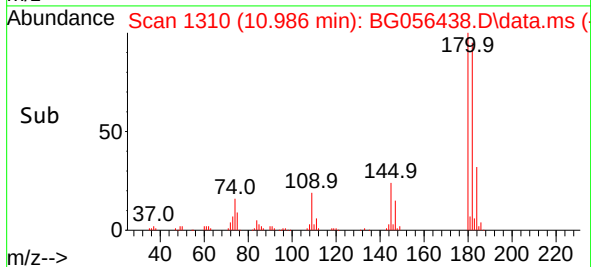
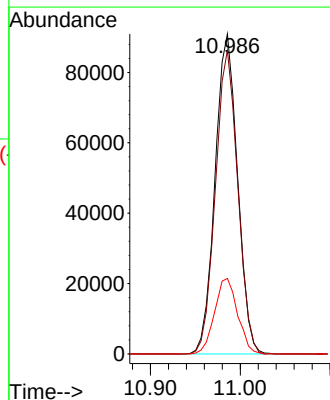
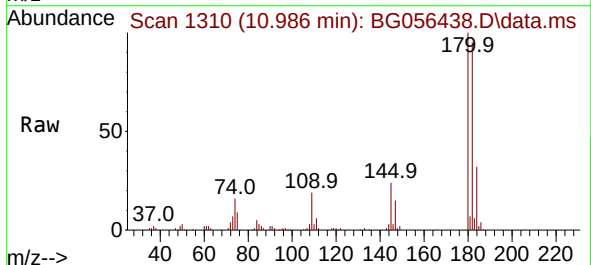
Tgt Ion:180 Resp: 157926

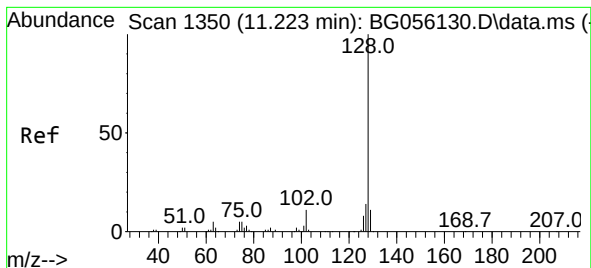
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.4

145 23.6 17.4 26.2

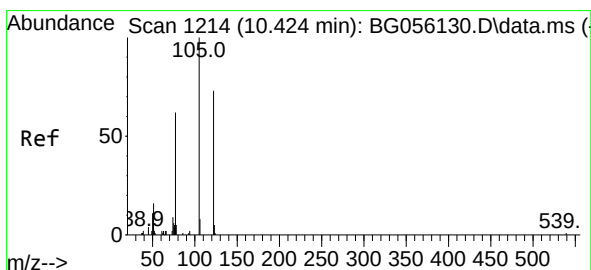
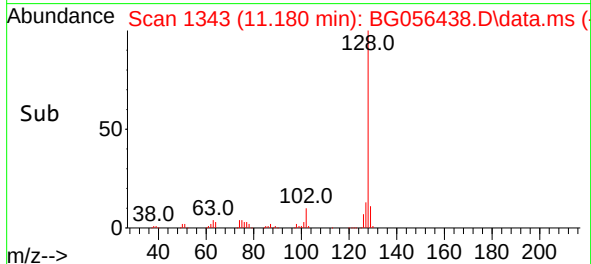
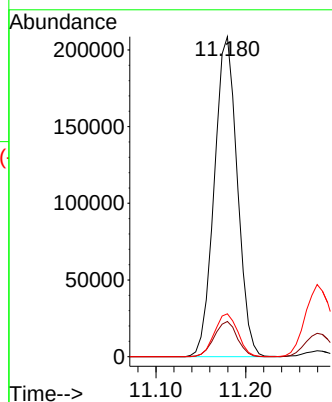
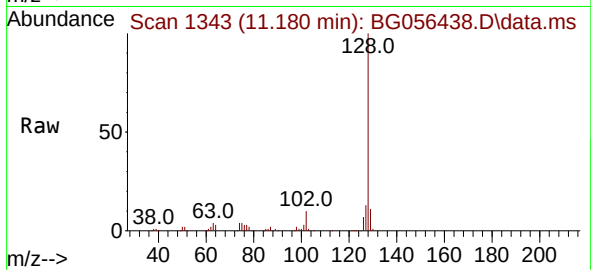




#31
Naphthalene
Concen: 40.936 ng
RT: 11.180 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

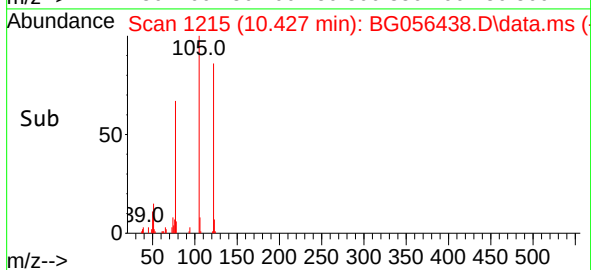
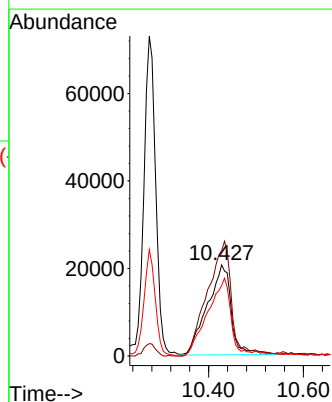
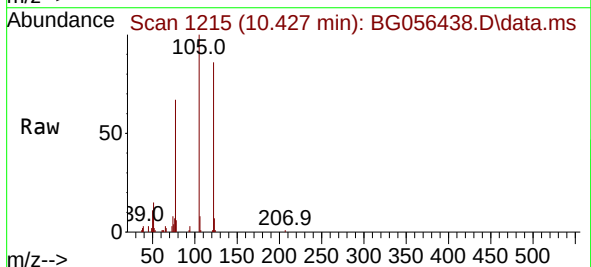
Instrument :
BNA_G
ClientSampleId :
PB150464BS

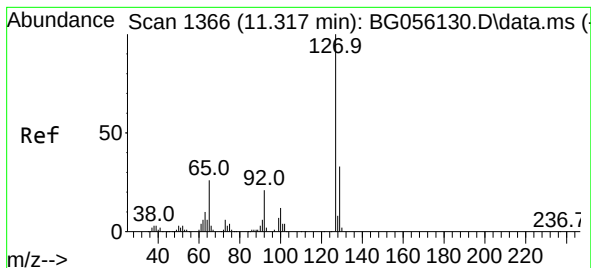
Tgt Ion:128 Resp: 370830
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 11.2 16.8



#32
Benzoic acid
Concen: 31.117 ng
RT: 10.427 min Scan# 1215
Delta R.T. 0.019 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:122 Resp: 71850
Ion Ratio Lower Upper
122 100
105 115.8 109.0 149.0
77 77.5 63.1 103.1





#33

4-Chloroaniline

Concen: 22.785 ng

RT: 11.279 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

Tgt Ion:127 Resp: 98544

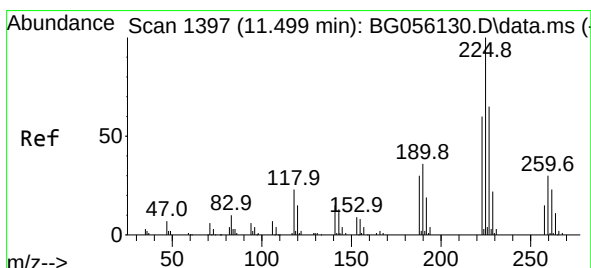
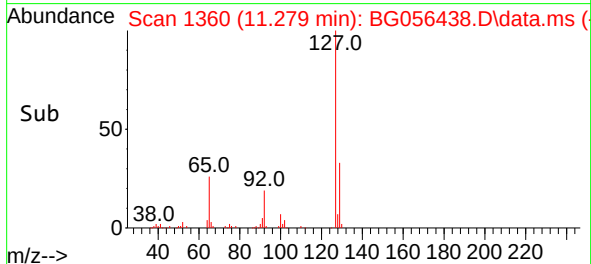
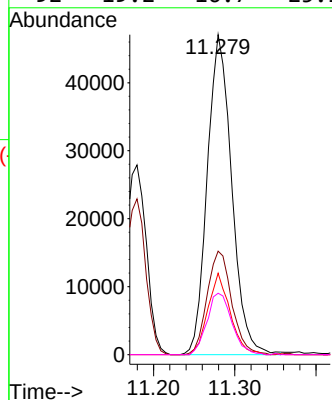
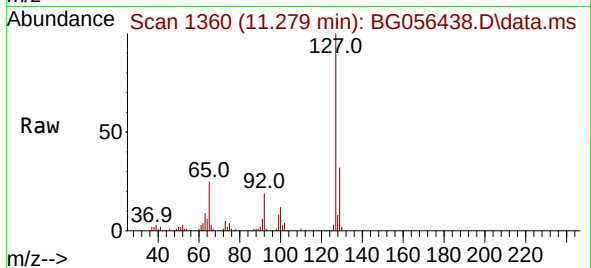
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 25.5 20.9 31.3

92 19.2 16.7 25.1



#34

Hexachlorobutadiene

Concen: 40.682 ng

RT: 11.450 min Scan# 1389

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

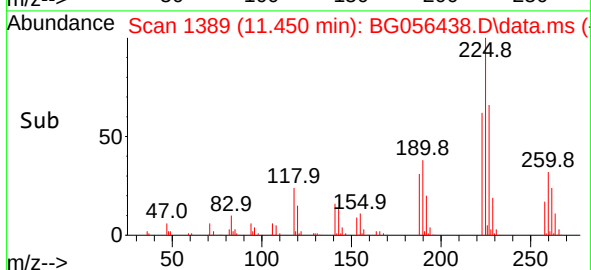
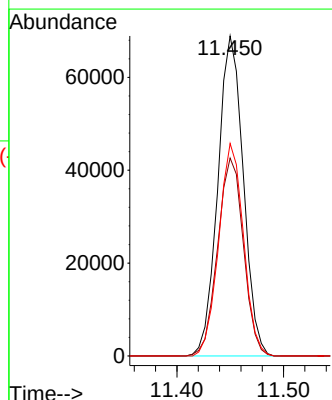
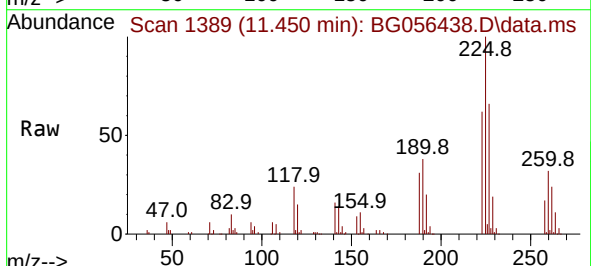
Tgt Ion:225 Resp: 114236

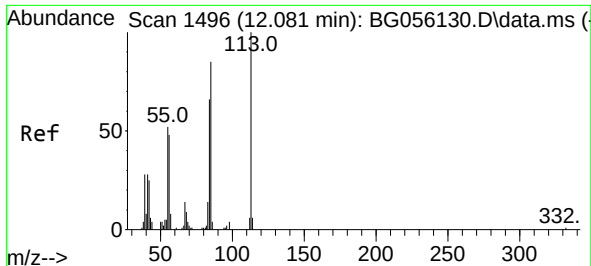
Ion Ratio Lower Upper

225 100

223 61.8 47.7 71.5

227 69.8 52.3 78.5

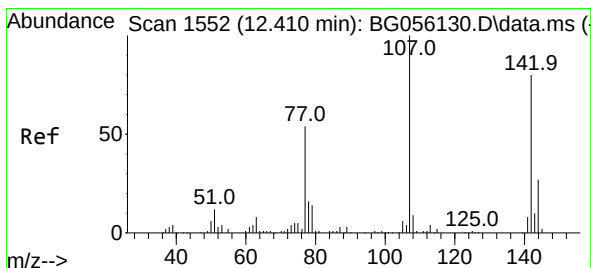
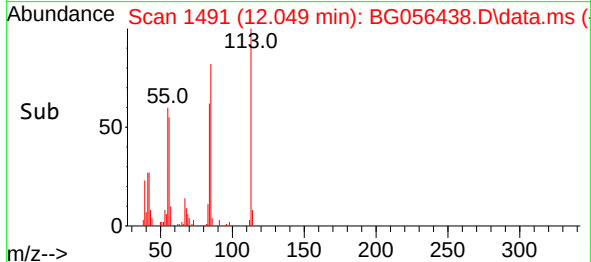
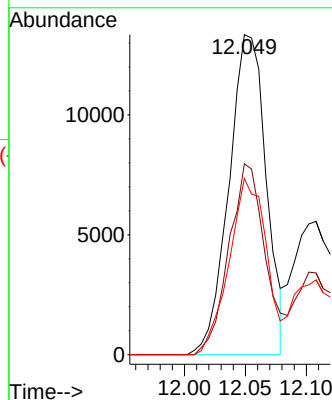
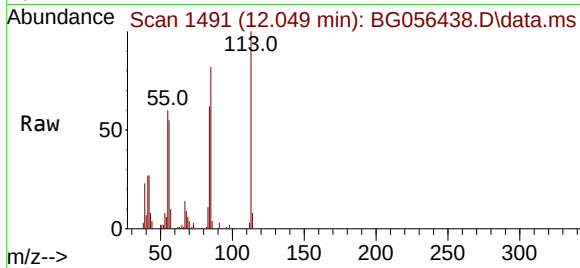




#35
 Caprolactam
 Concen: 24.357 ng
 RT: 12.049 min Scan# 1496
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

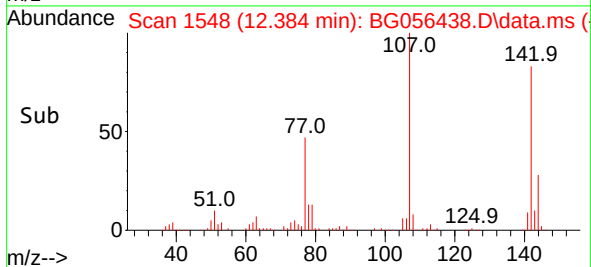
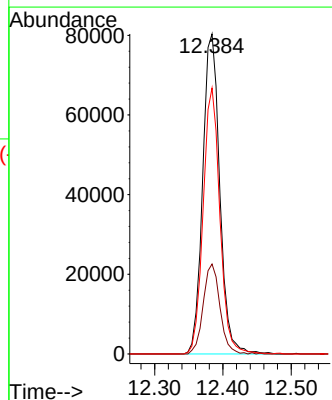
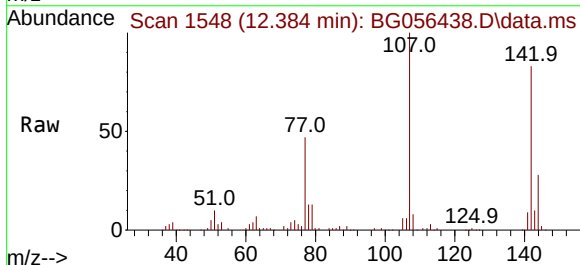
Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS

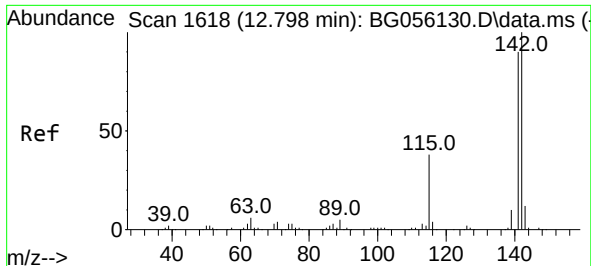
Tgt Ion:113 Resp: 28372
 Ion Ratio Lower Upper
 113 100
 55 59.7 31.9 71.9
 56 55.0 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.091 ng
 RT: 12.384 min Scan# 1548
 Delta R.T. 0.002 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

Tgt Ion:107 Resp: 139963
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.5 32.3
 142 83.1 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.548 ng

RT: 12.760 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

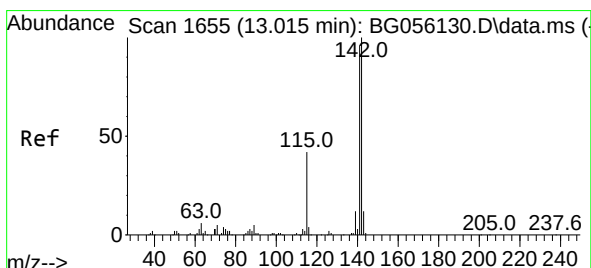
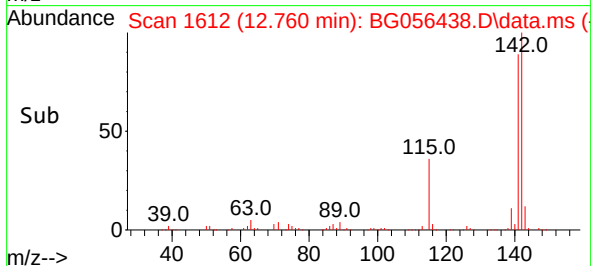
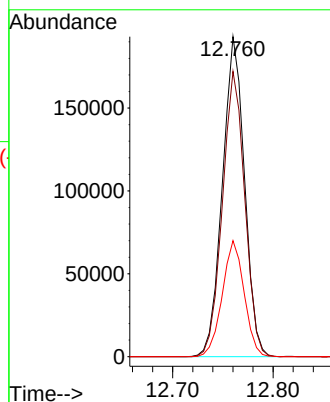
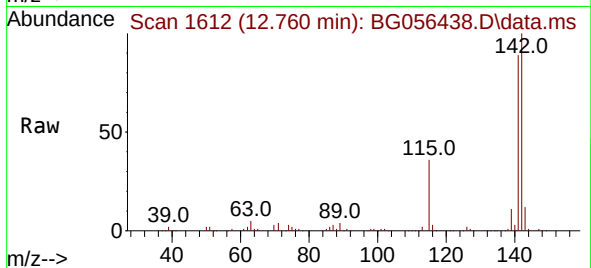
Tgt Ion:142 Resp: 294849

Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.4

115 36.2 30.7 46.1



#38

1-Methylnaphthalene

Concen: 38.988 ng

RT: 12.977 min Scan# 1649

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

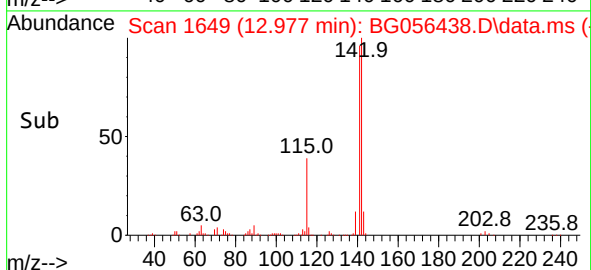
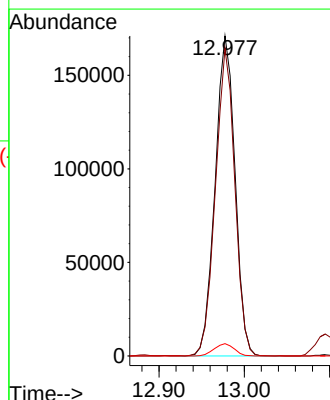
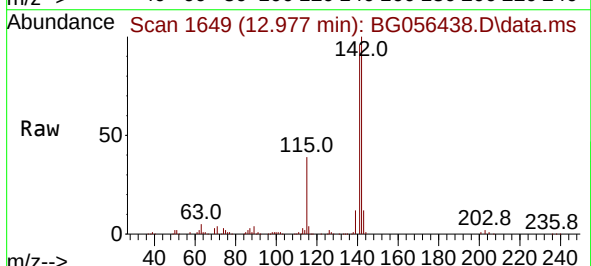
Tgt Ion:142 Resp: 276930

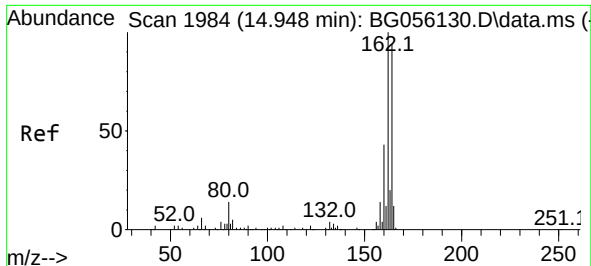
Ion Ratio Lower Upper

142 100

141 96.1 77.0 115.6

116 3.9 3.6 5.4

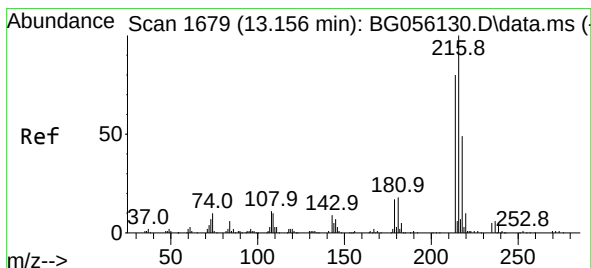
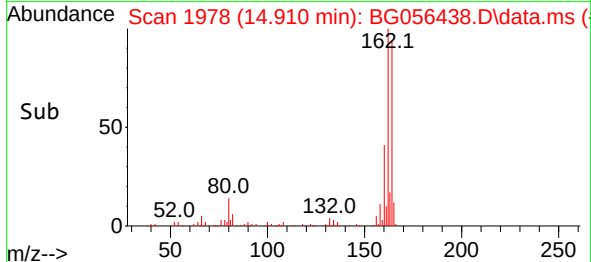
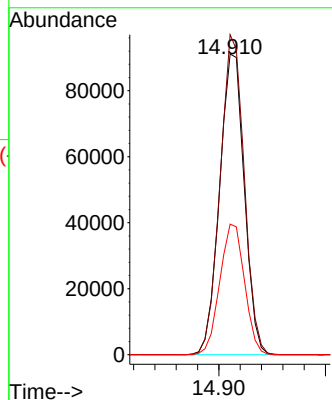
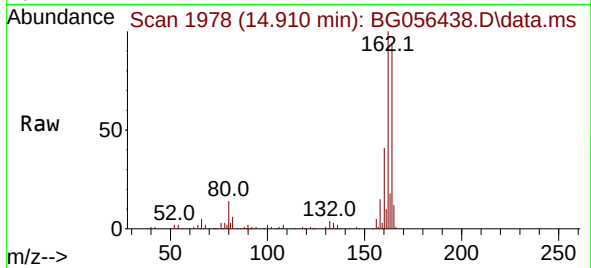




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

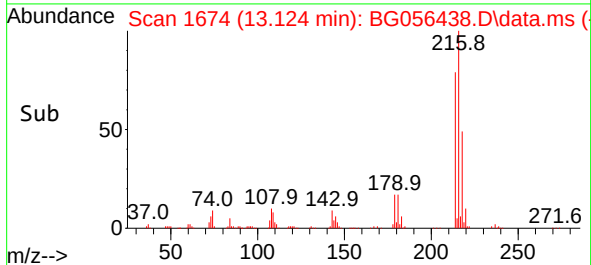
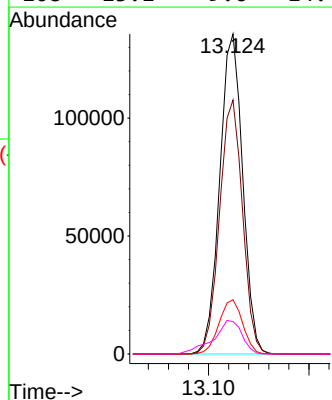
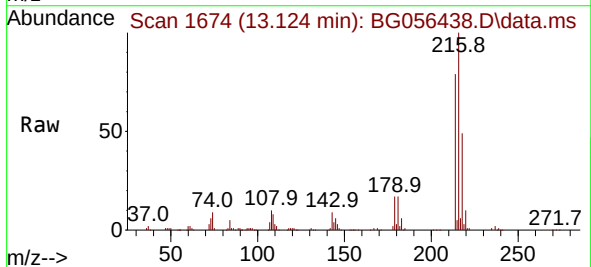
Instrument :
BNA_G
ClientSampleId :
PB150464BS

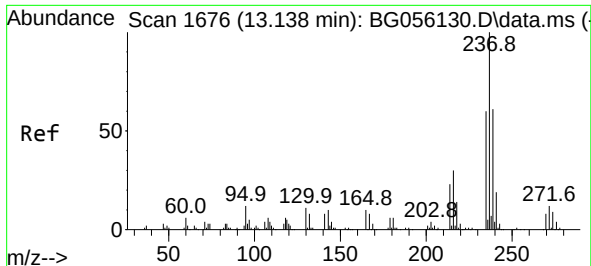
Tgt Ion:164 Resp: 146178
Ion Ratio Lower Upper
164 100
162 106.5 84.7 127.1
160 43.5 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.214 ng
RT: 13.124 min Scan# 1674
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

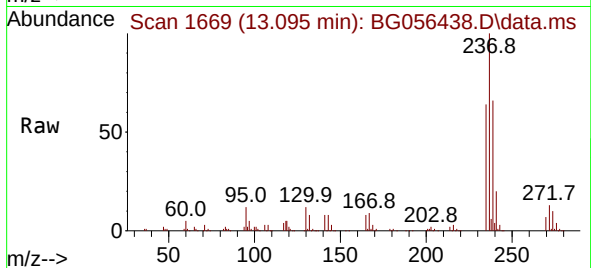
Tgt Ion:216 Resp: 214843
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 17.5 13.6 20.4
108 13.1 9.6 14.4



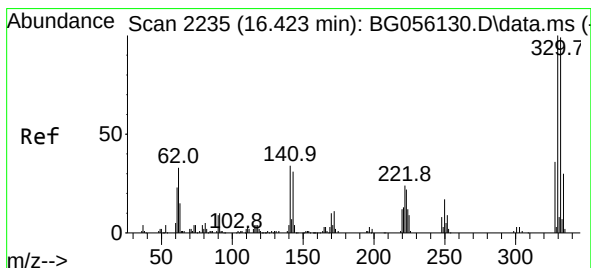
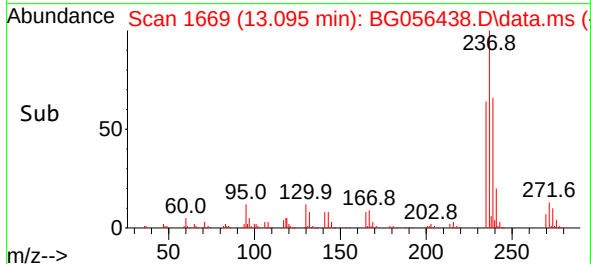
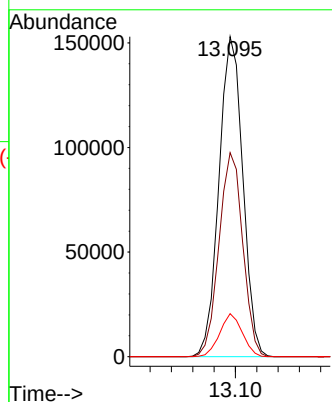


#41
Hexachlorocyclopentadiene
Concen: 75.934 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

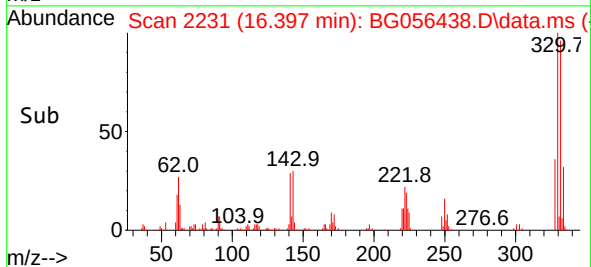
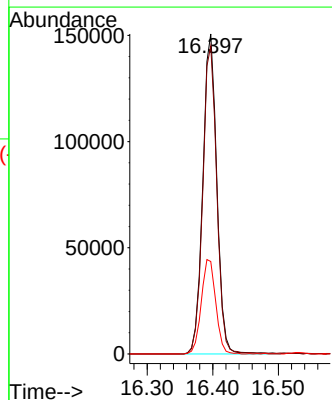
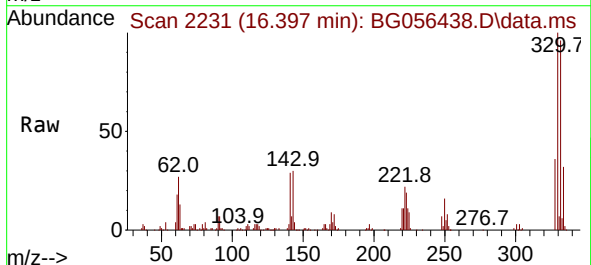


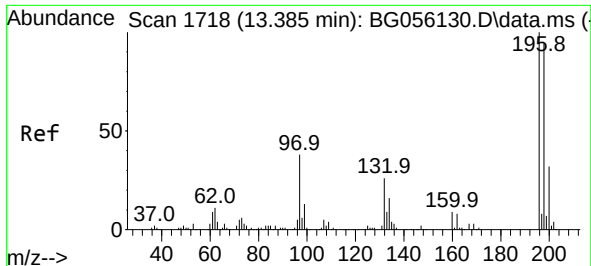
Tgt Ion:237 Resp: 237185
Ion Ratio Lower Upper
237 100
235 63.7 40.3 80.3
272 13.4 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 121.067 ng
RT: 16.397 min Scan# 2231
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:330 Resp: 224134
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 30.4 27.9 41.9

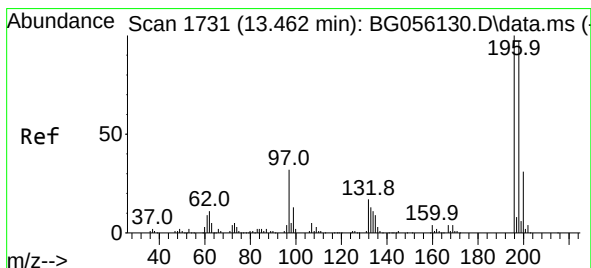
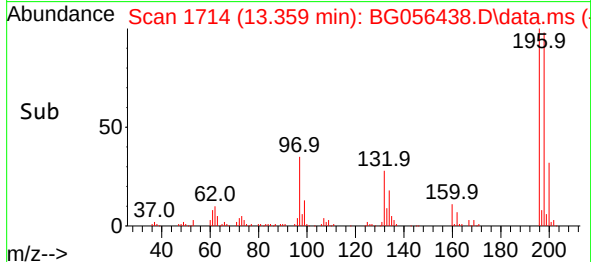
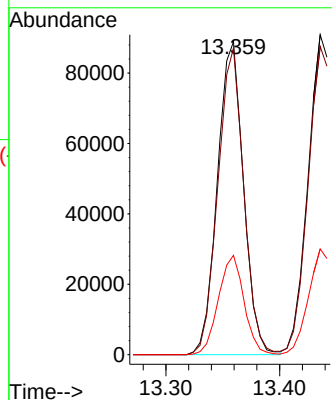
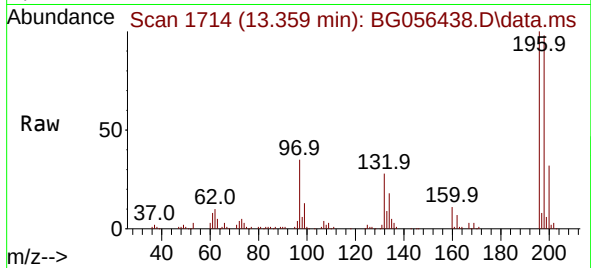




#43
2,4,6-Trichlorophenol
Concen: 39.114 ng
RT: 13.359 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

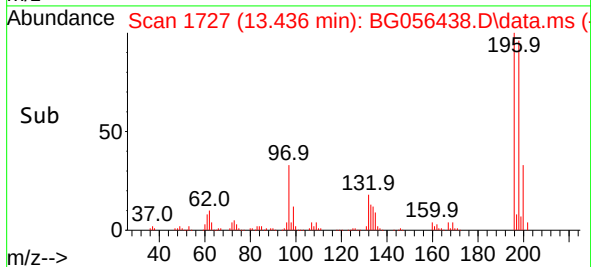
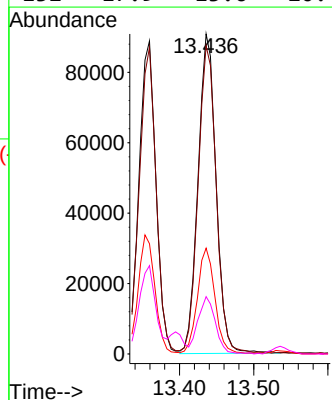
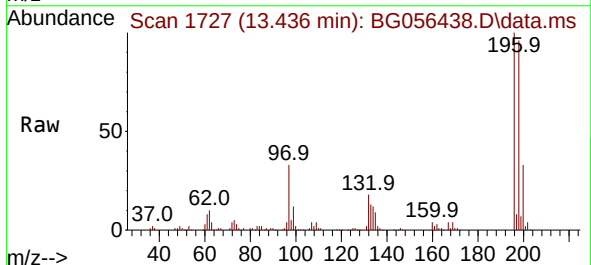
Instrument :
BNA_G
ClientSampleId :
PB150464BS

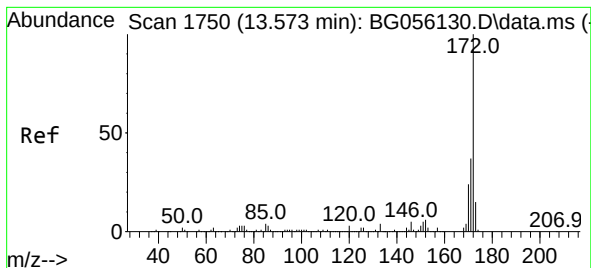
Tgt Ion:196 Resp: 141701
Ion Ratio Lower Upper
196 100
198 98.0 75.5 113.3
200 31.7 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 35.886 ng
RT: 13.436 min Scan# 1727
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:196 Resp: 153790
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
97 33.1 25.7 38.5
132 17.9 13.6 20.4

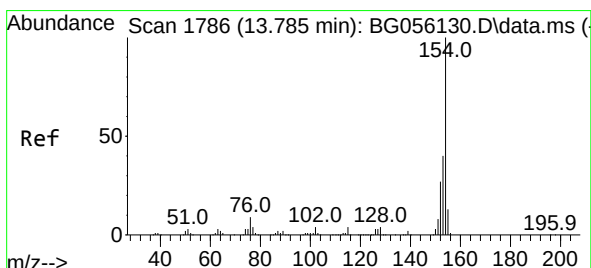
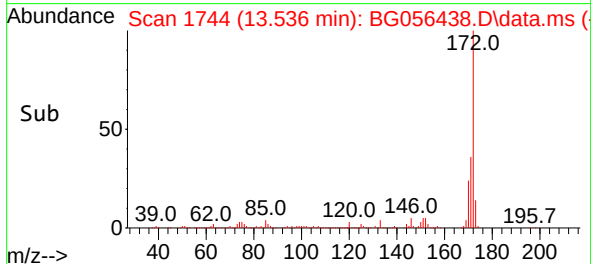
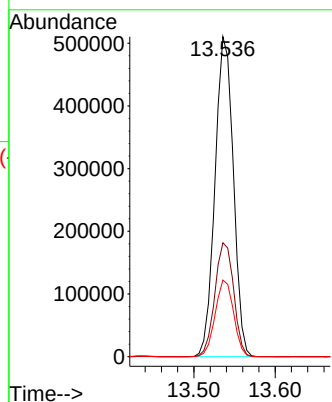
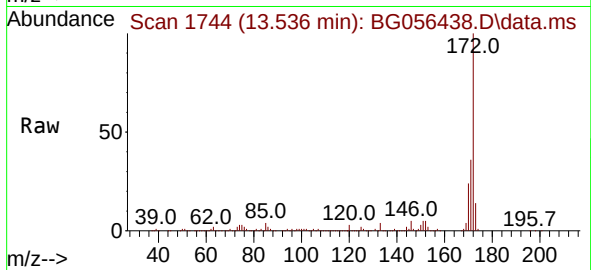




#45
2-Fluorobiphenyl
Concen: 75.764 ng
RT: 13.536 min Scan# 1744
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

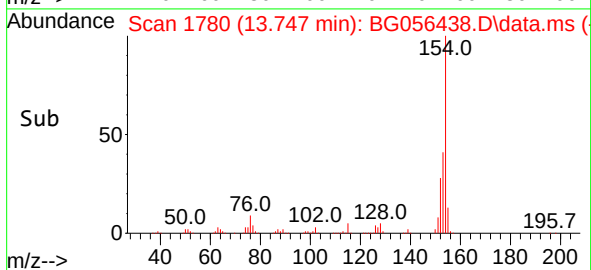
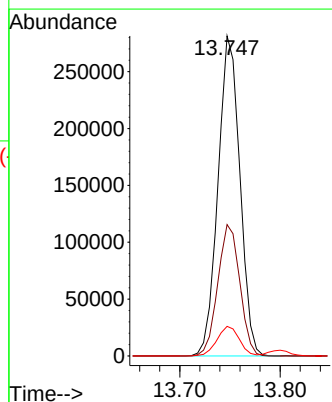
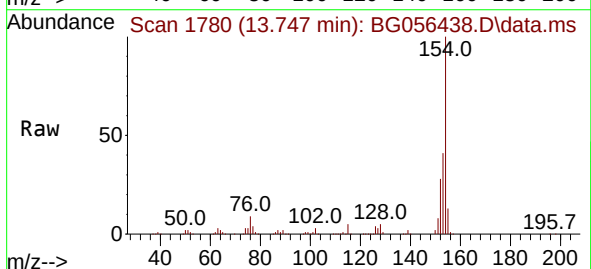
Instrument :
BNA_G
ClientSampleId :
PB150464BS

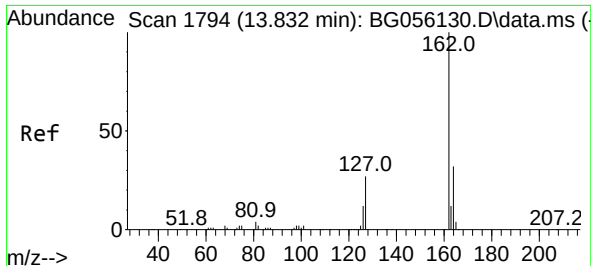
Tgt Ion:172 Resp: 802013
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 40.599 ng
RT: 13.747 min Scan# 1780
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:154 Resp: 425021
Ion Ratio Lower Upper
154 100
153 41.1 20.0 60.0
76 9.2 0.0 29.3

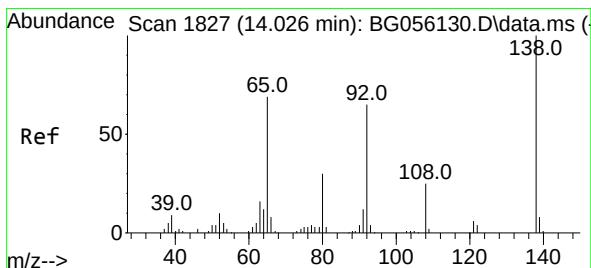
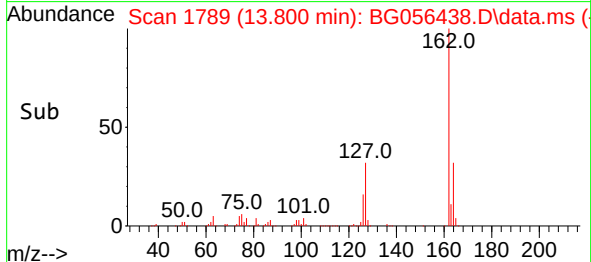
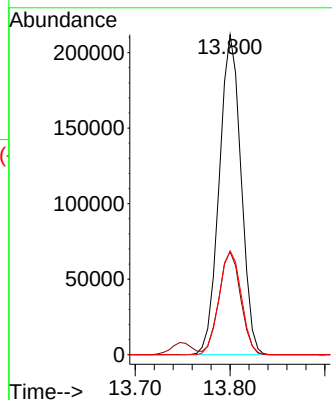
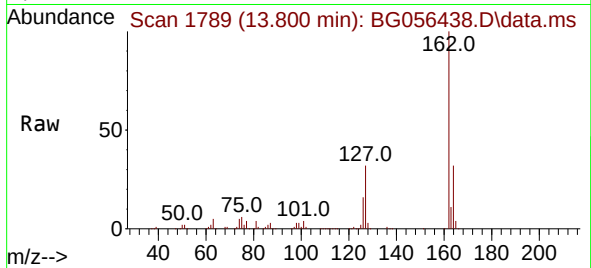




#47
2-Chloronaphthalene
Concen: 40.939 ng
RT: 13.800 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

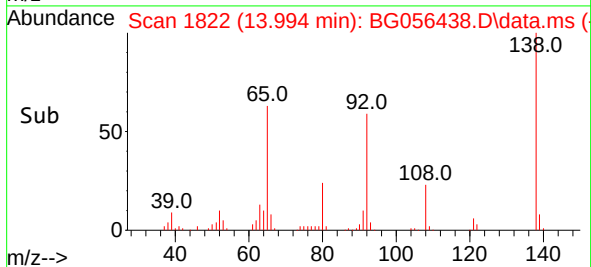
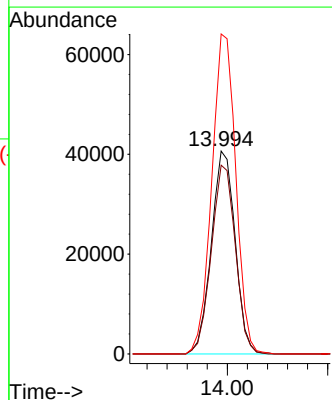
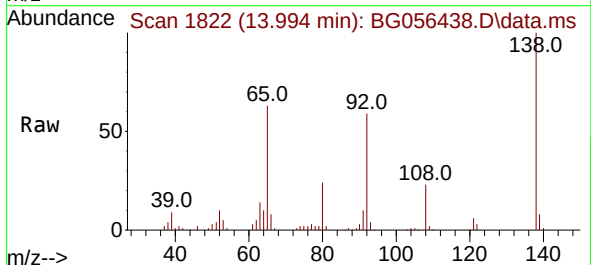
Instrument :
BNA_G
ClientSampleId :
PB150464BS

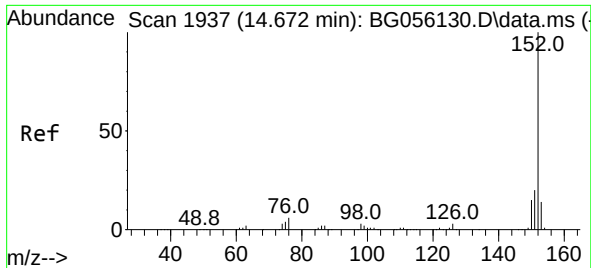
Tgt Ion:162 Resp: 338284
Ion Ratio Lower Upper
162 100
127 32.1 24.6 36.8
164 32.4 25.8 38.8



#48
2-Nitroaniline
Concen: 37.999 ng
RT: 13.994 min Scan# 1822
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 65 Resp: 66900
Ion Ratio Lower Upper
65 100
92 93.1 76.0 114.0
138 157.8 116.6 174.8

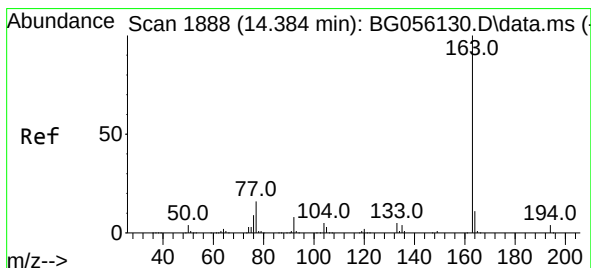
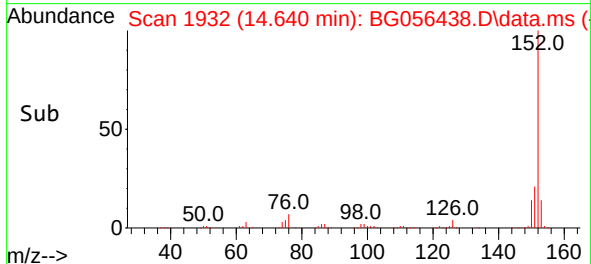
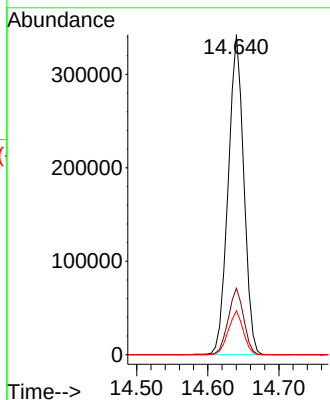
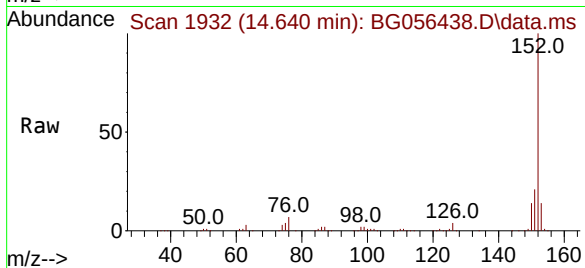




#49
Acenaphthylene
Concen: 38.757 ng
RT: 14.640 min Scan# 1932
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

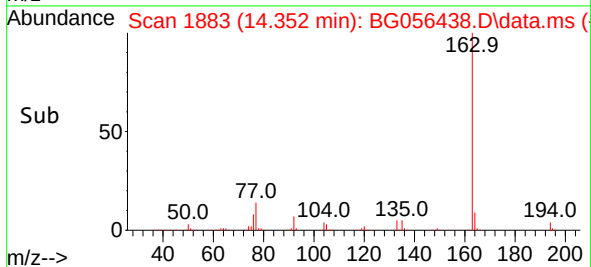
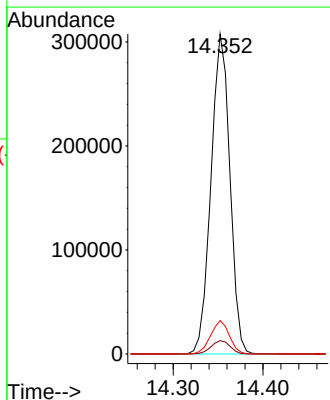
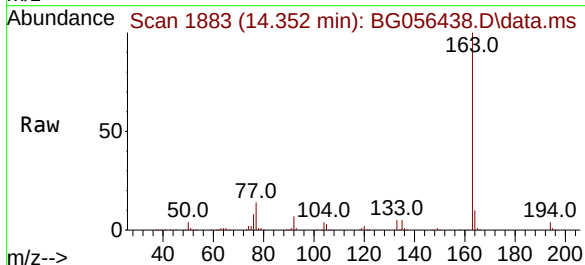
Instrument :
BNA_G
ClientSampleId :
PB150464BS

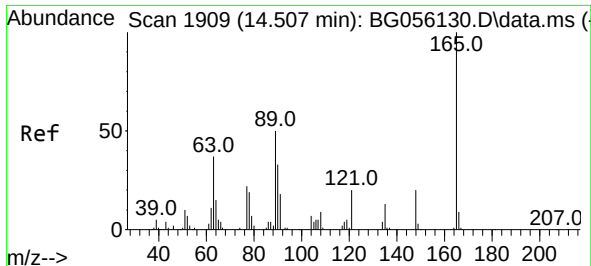
Tgt Ion:152 Resp: 521167
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 38.045 ng
RT: 14.352 min Scan# 1883
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:163 Resp: 448949
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.7 13.1

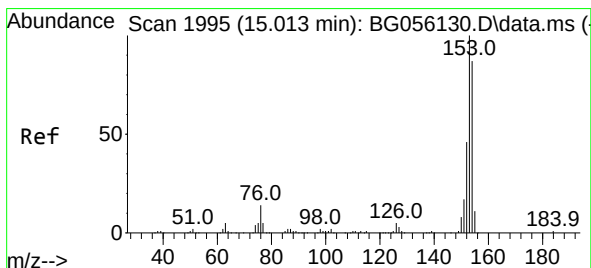
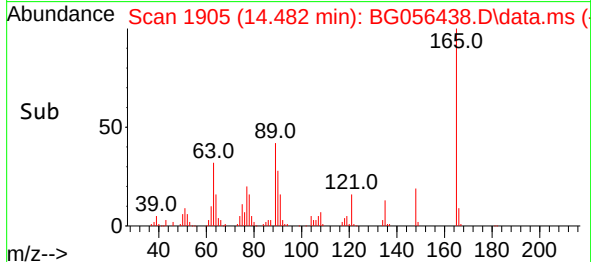
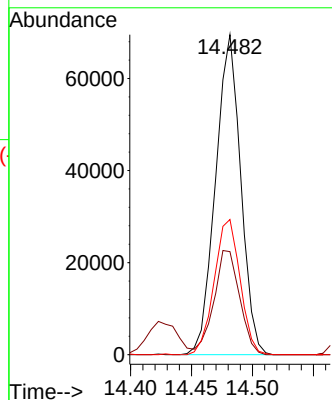
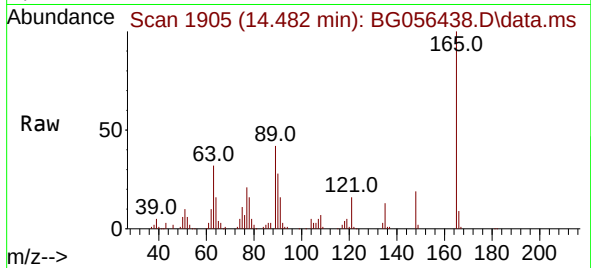




#51
2,6-Dinitrotoluene
Concen: 39.731 ng
RT: 14.482 min Scan# 1905
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

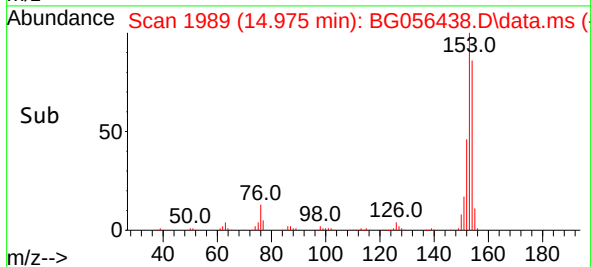
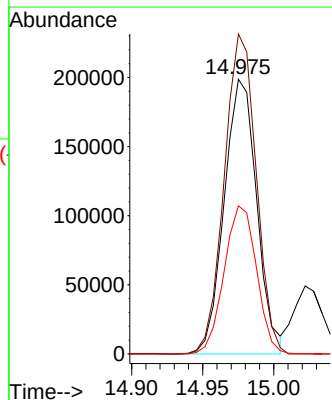
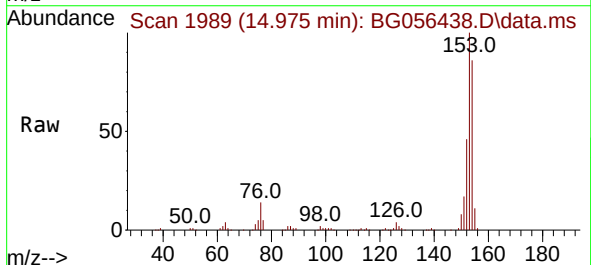
Instrument :
BNA_G
ClientSampleId :
PB150464BS

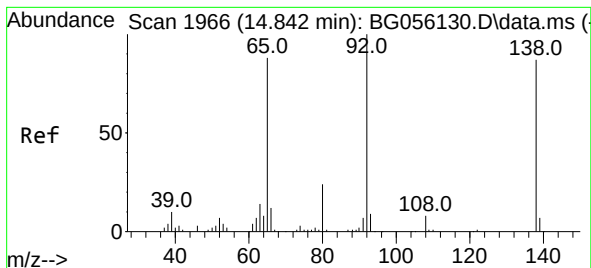
Tgt Ion:165 Resp: 99902
Ion Ratio Lower Upper
165 100
63 32.2 32.2 48.2
89 42.2 39.8 59.8



#52
Acenaphthene
Concen: 36.182 ng
RT: 14.975 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:154 Resp: 316434
Ion Ratio Lower Upper
154 100
153 116.5 92.0 138.0
152 53.9 42.5 63.7

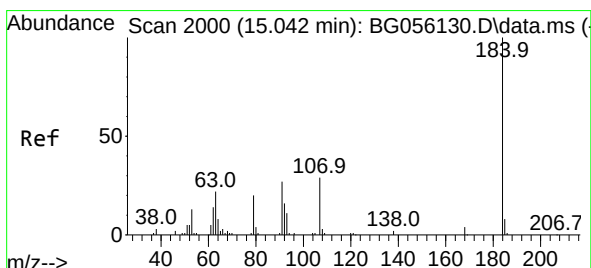
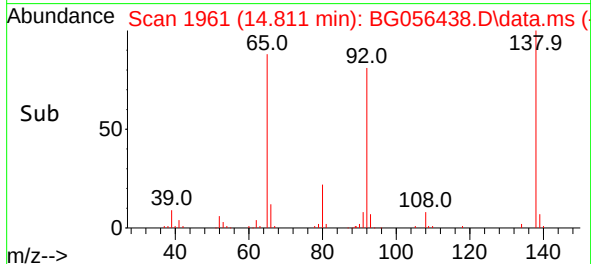
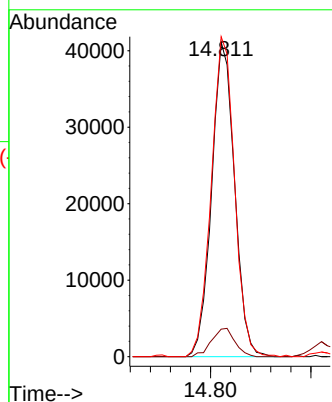
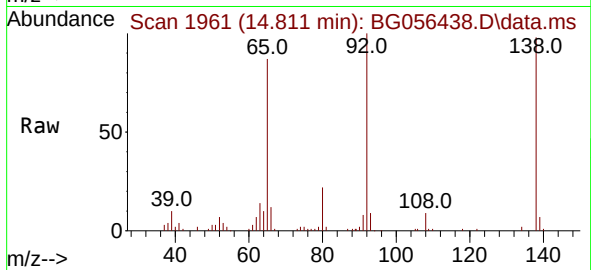




#53
3-Nitroaniline
Concen: 27.203 ng
RT: 14.811 min Scan# 1961
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

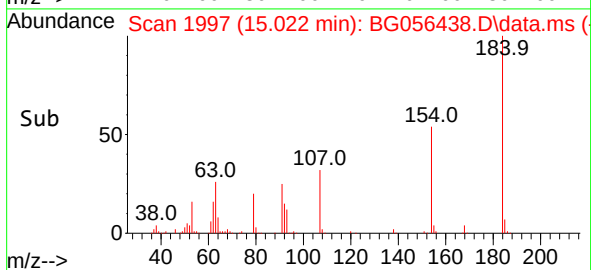
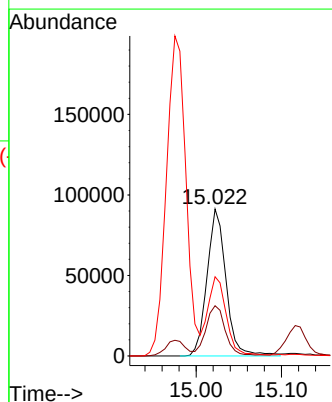
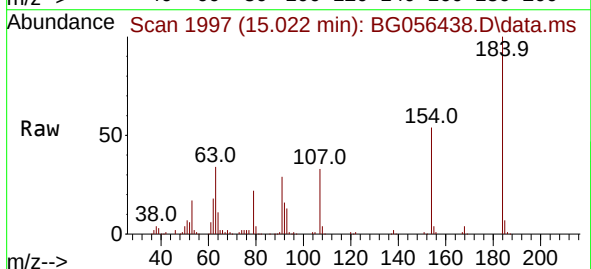
Instrument :
BNA_G
ClientSampleId :
PB150464BS

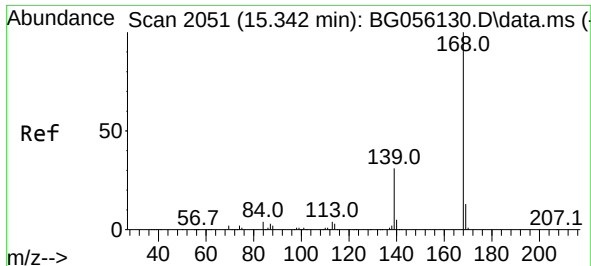
Tgt Ion:138 Resp: 65097
Ion Ratio Lower Upper
138 100
108 8.7 7.6 11.4
92 101.7 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 78.975 ng
RT: 15.022 min Scan# 1997
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:184 Resp: 141862
Ion Ratio Lower Upper
184 100
63 34.2 24.0 36.0
154 53.9 45.4 68.0

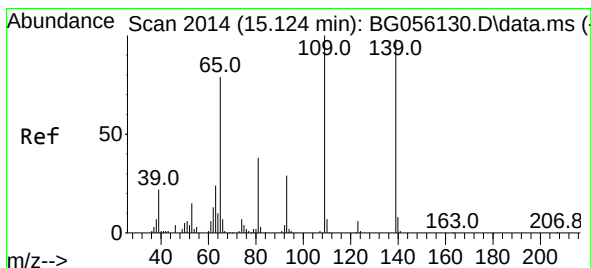
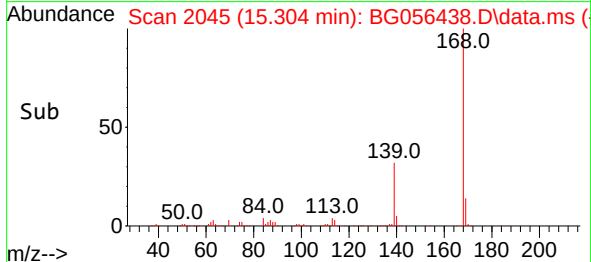
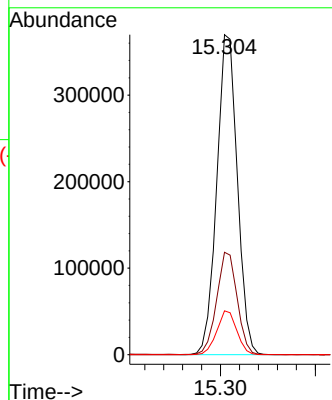
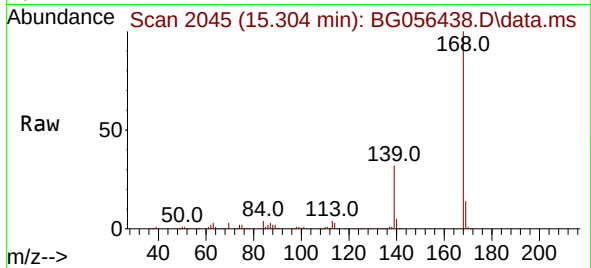




#55
Dibenzenofuran
Concen: 38.494 ng
RT: 15.304 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

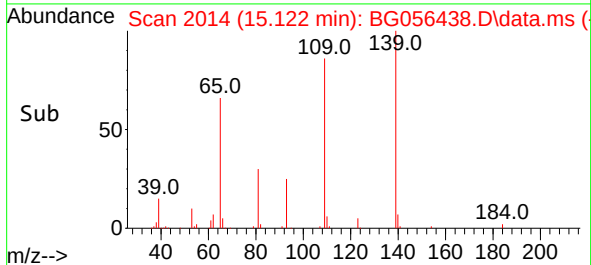
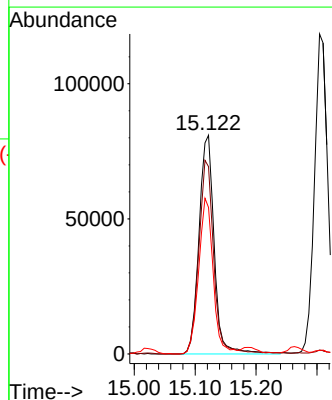
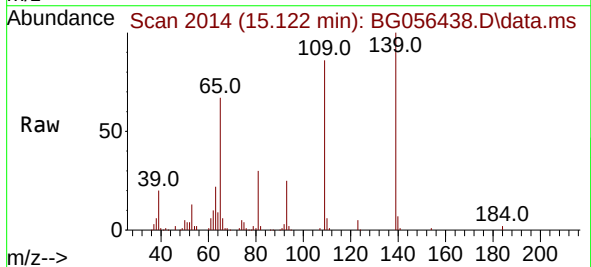
Instrument :
BNA_G
ClientSampleId :
PB150464BS

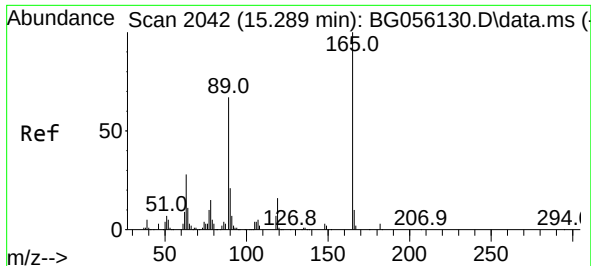
Tgt Ion:168 Resp: 557102
Ion Ratio Lower Upper
168 100
139 32.0 24.7 37.1
169 13.7 10.3 15.5



#56
4-Nitrophenol
Concen: 76.174 ng
RT: 15.122 min Scan# 2014
Delta R.T. 0.007 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:139 Resp: 140195
Ion Ratio Lower Upper
139 100
109 85.6 82.2 122.2
65 67.0 60.6 100.6

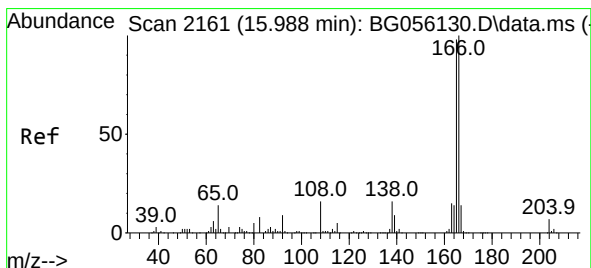
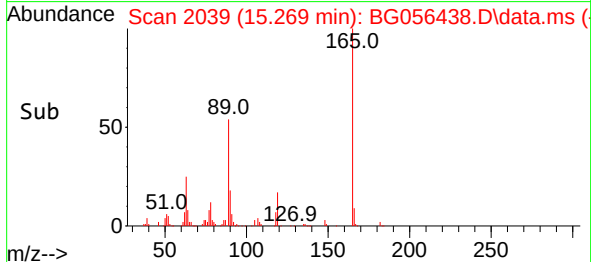
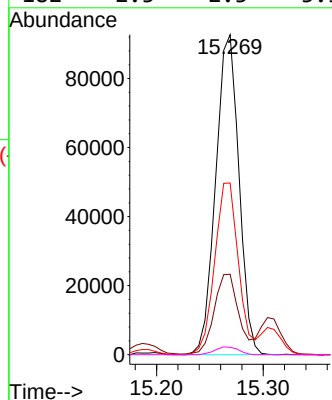
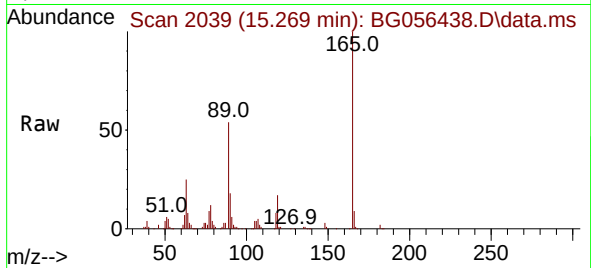




#57
2,4-Dinitrotoluene
Concen: 39.909 ng
RT: 15.269 min Scan# 2042
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

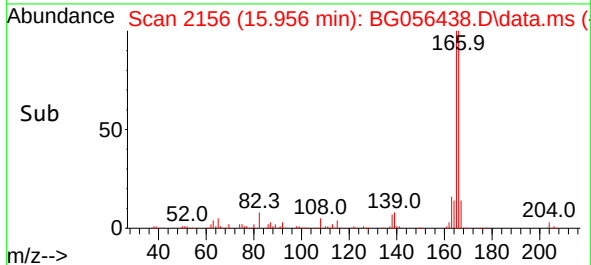
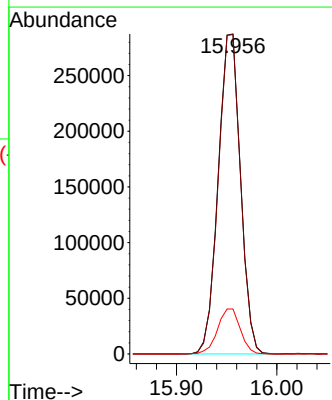
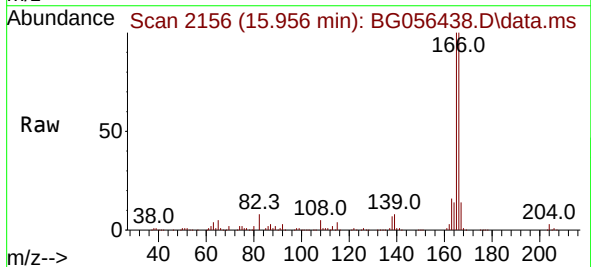
Instrument :
BNA_G
ClientSampleId :
PB150464BS

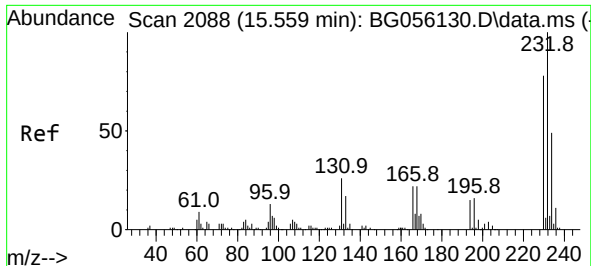
Tgt Ion:165 Resp: 140341
Ion Ratio Lower Upper
165 100
63 25.2 22.6 34.0
89 53.7 53.2 79.8
182 2.3 2.3 3.5



#58
Fluorene
Concen: 38.085 ng
RT: 15.956 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:166 Resp: 443331
Ion Ratio Lower Upper
166 100
165 99.8 78.6 118.0
167 14.0 11.1 16.7

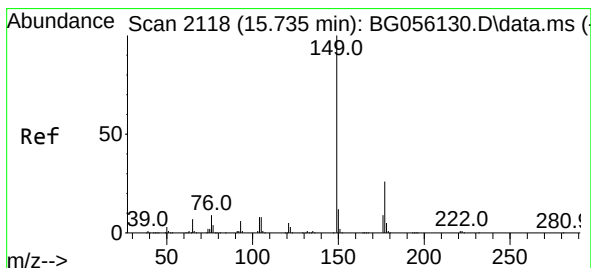
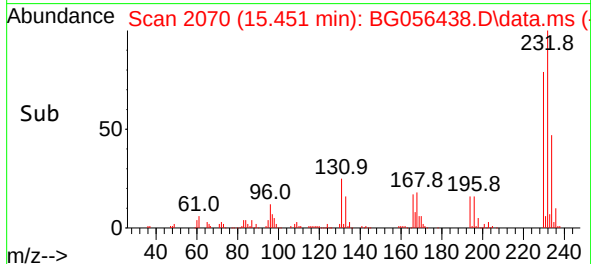
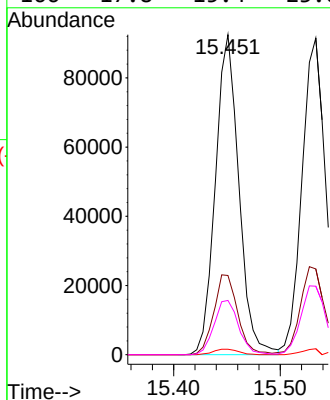
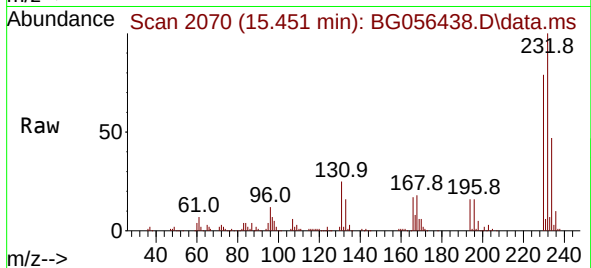




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.102 ng
RT: 15.451 min Scan# 20
Delta R.T. -0.081 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

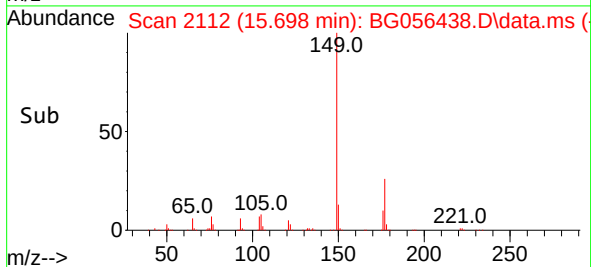
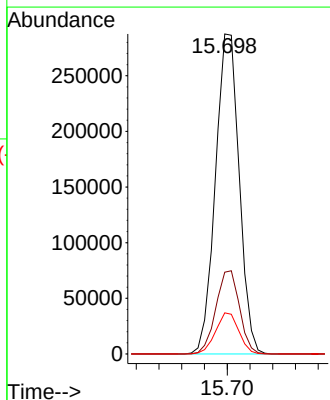
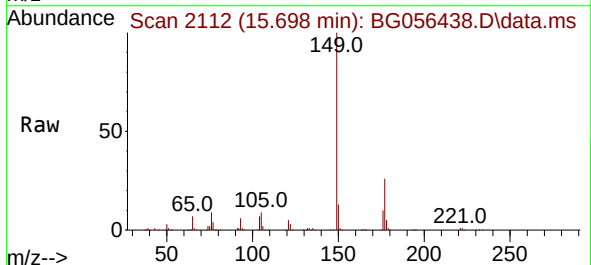
Instrument :
BNA_G
ClientSampleId :
PB150464BS

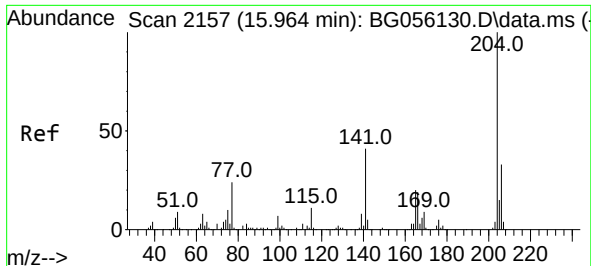
Tgt Ion:232 Resp: 141243
Ion Ratio Lower Upper
232 100
131 25.4 21.4 32.2
130 1.8 1.4 2.0
166 17.8 15.4 23.0



#60
Diethylphthalate
Concen: 37.747 ng
RT: 15.698 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:149 Resp: 417721
Ion Ratio Lower Upper
149 100
177 25.6 20.6 31.0
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.604 ng
RT: 15.933 min Scan# 2152
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

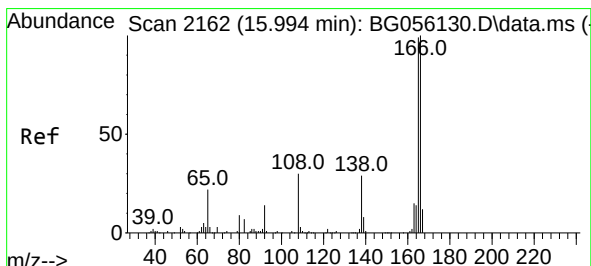
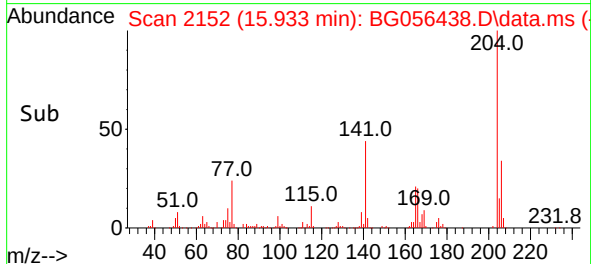
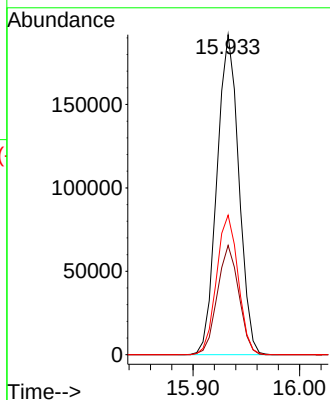
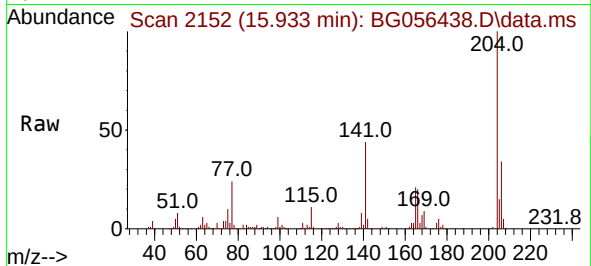
Instrument :

BNA_G

ClientSampleId :

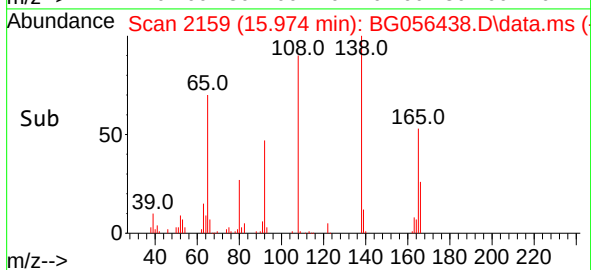
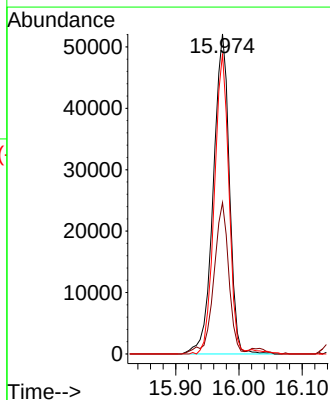
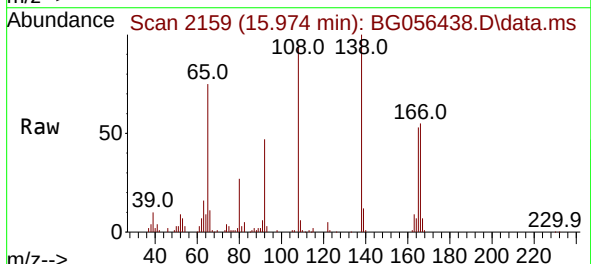
PB150464BS

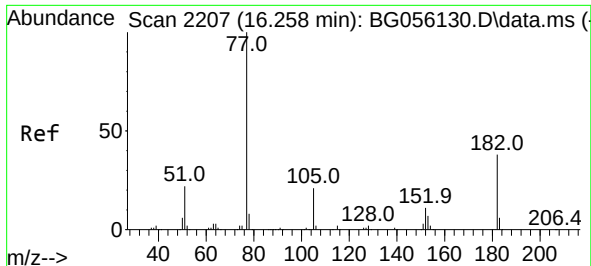
Tgt Ion:204 Resp: 273174
Ion Ratio Lower Upper
204 100
206 34.1 26.4 39.6
141 43.6 33.0 49.4



#62
4-Nitroaniline
Concen: 37.454 ng
RT: 15.974 min Scan# 2159
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:138 Resp: 91809
Ion Ratio Lower Upper
138 100
92 47.3 28.6 68.6
108 93.8 83.4 123.4

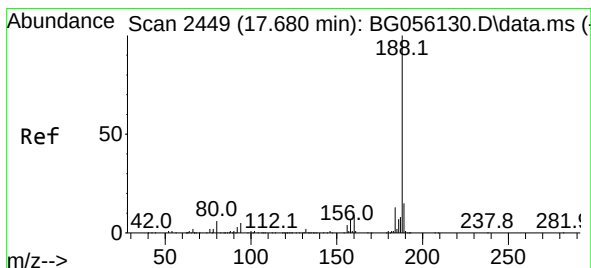
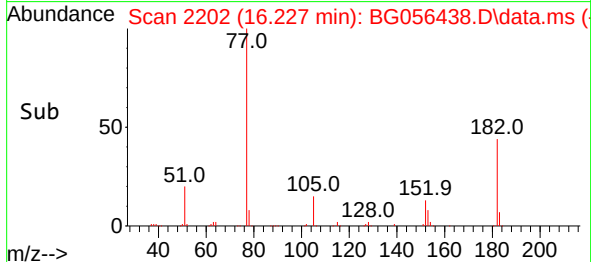
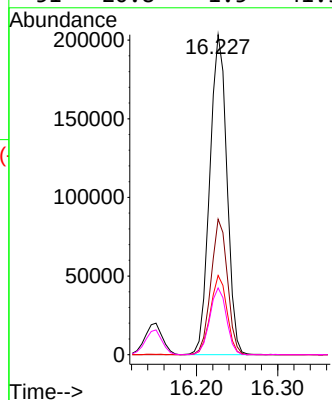
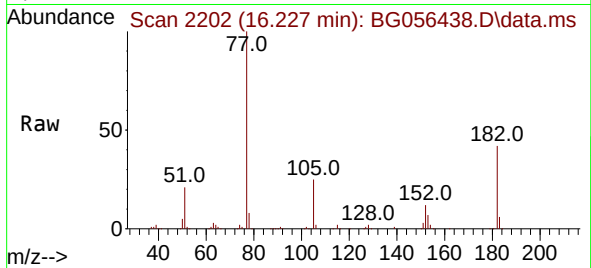




#63
Azobenzene
Concen: 34.823 ng
RT: 16.227 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

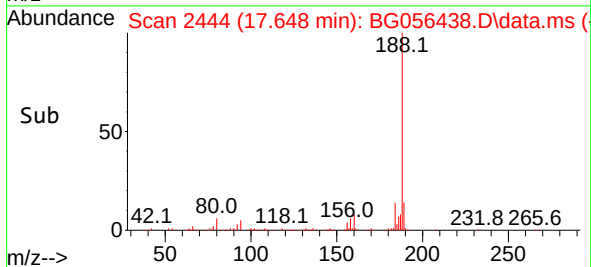
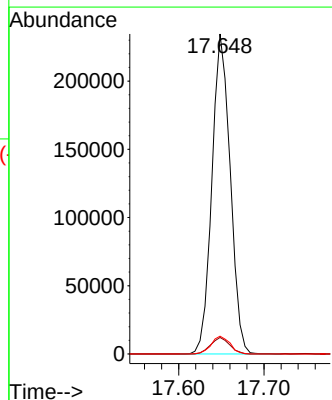
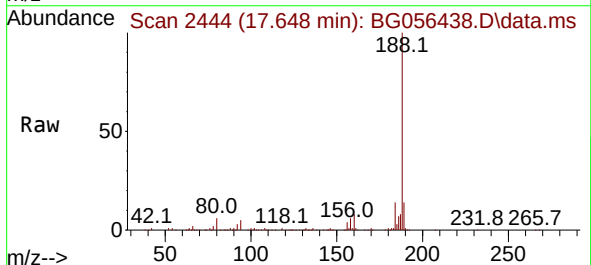
Instrument :
BNA_G
ClientSampleId :
PB150464BS

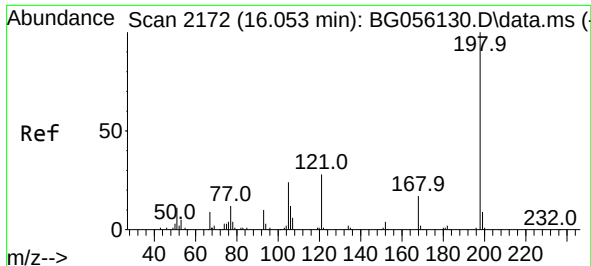
Tgt Ion: 77 Resp: 297387
Ion Ratio Lower Upper
77 100
182 42.3 18.5 58.5
105 24.8 1.4 41.4
51 20.8 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 188 Resp: 349633
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.5 5.0 7.4

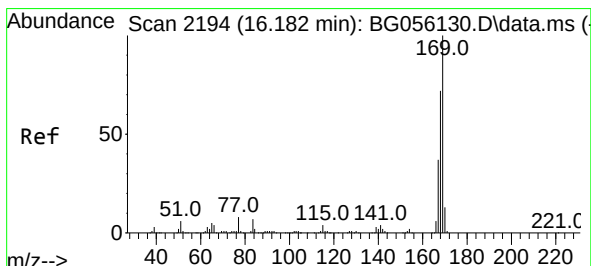
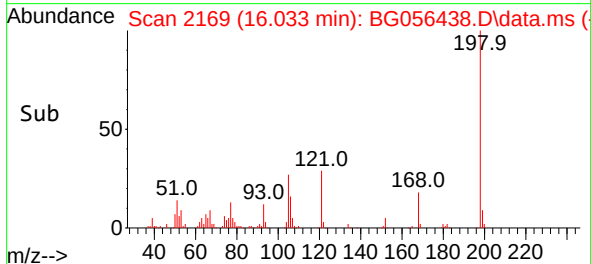
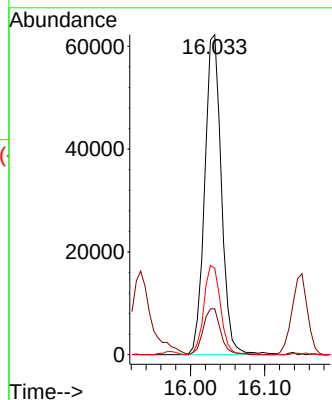
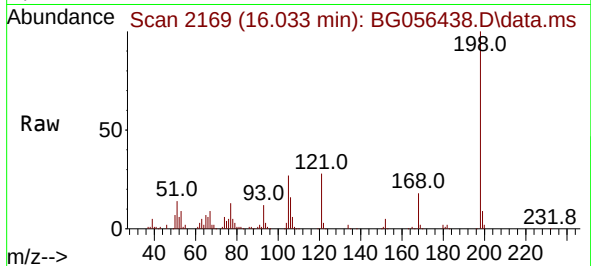




#65
4,6-Dinitro-2-methylphenol
Concen: 41.328 ng
RT: 16.033 min Scan# 2172
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

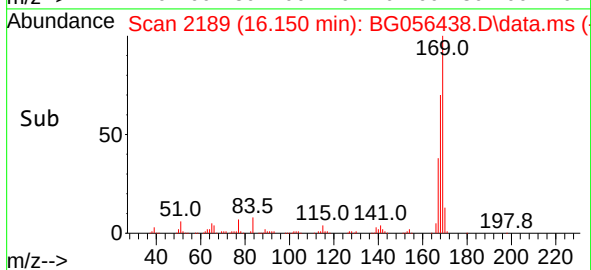
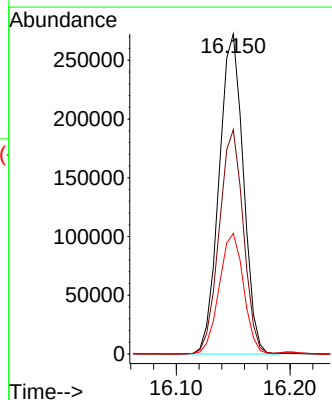
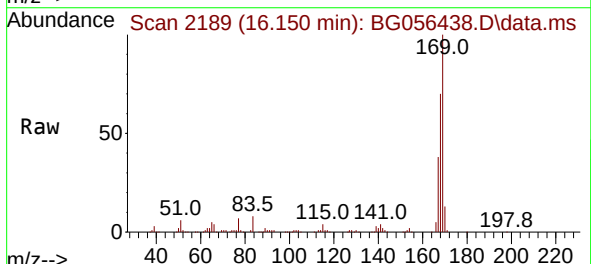
Instrument :
BNA_G
ClientSampleId :
PB150464BS

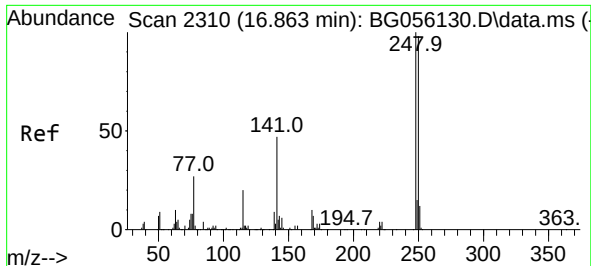
Tgt Ion:198 Resp: 97352
Ion Ratio Lower Upper
198 100
51 14.4 0.0 33.2
105 27.1 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 41.602 ng
RT: 16.150 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:169 Resp: 403570
Ion Ratio Lower Upper
169 100
168 70.1 58.0 87.0
167 37.7 30.0 45.0

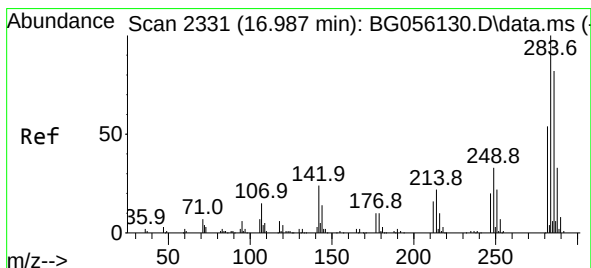
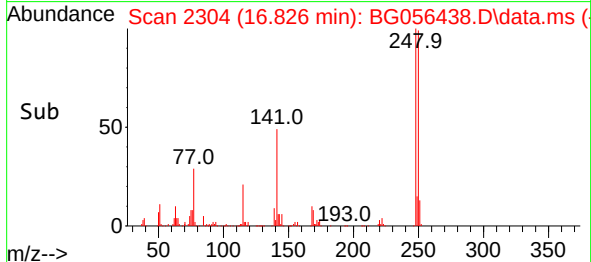
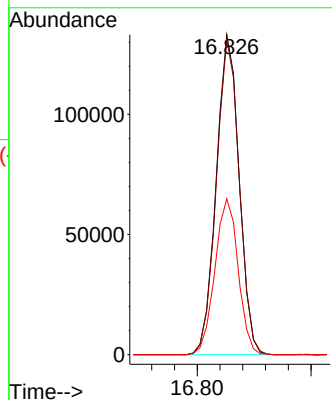
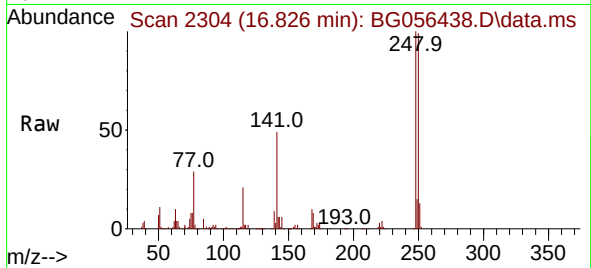




#67
4-Bromophenyl-phenylether
Concen: 41.689 ng
RT: 16.826 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

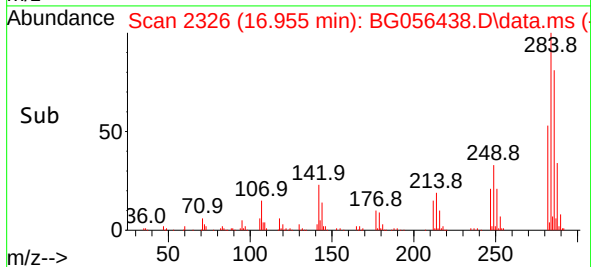
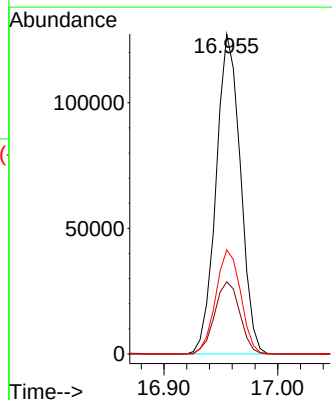
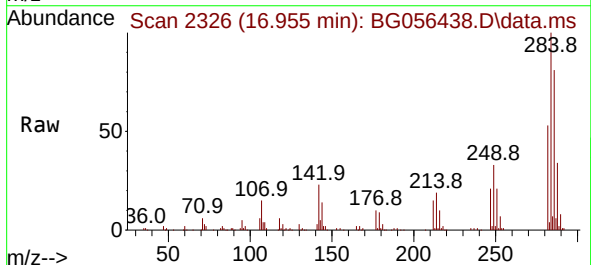
Instrument :
BNA_G
ClientSampleId :
PB150464BS

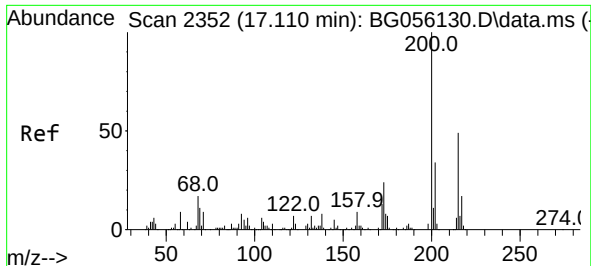
Tgt Ion:248 Resp: 185607
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.4
141 48.7 37.6 56.4



#68
Hexachlorobenzene
Concen: 45.578 ng
RT: 16.955 min Scan# 2326
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:284 Resp: 189325
Ion Ratio Lower Upper
284 100
142 22.6 19.0 28.6
249 32.6 26.6 39.8

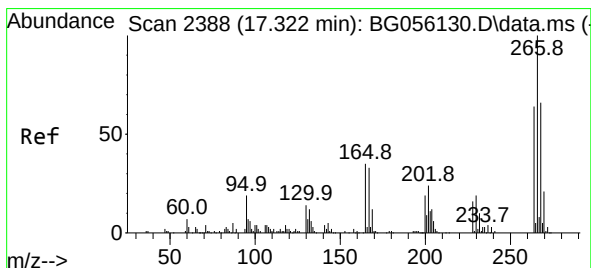
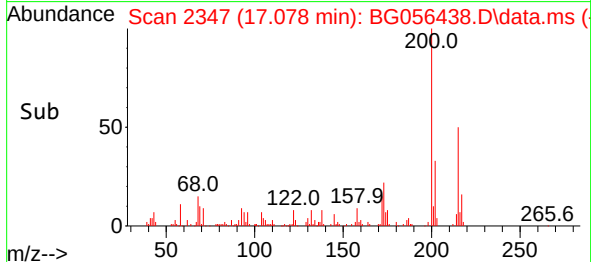
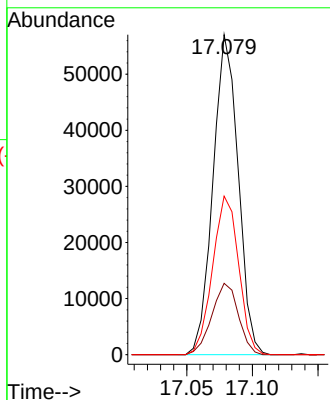
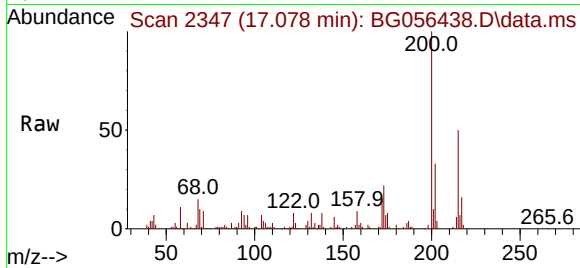




#69
Atrazine
Concen: 18.860 ng
RT: 17.078 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

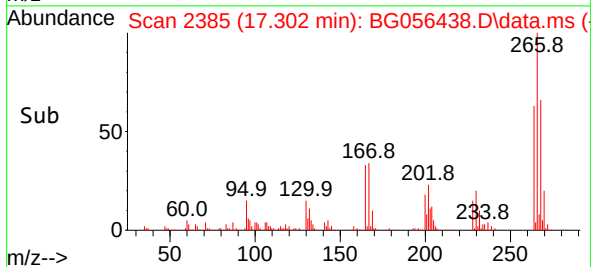
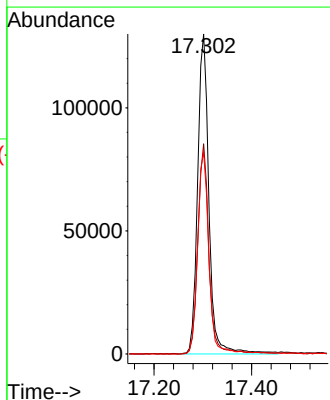
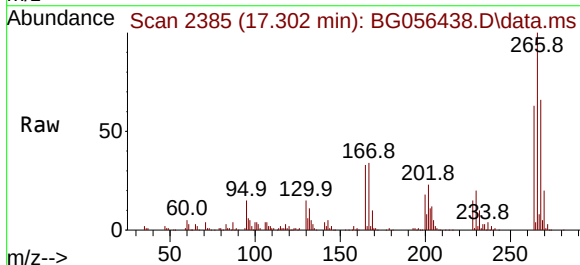
Instrument :
BNA_G
ClientSampleId :
PB150464BS

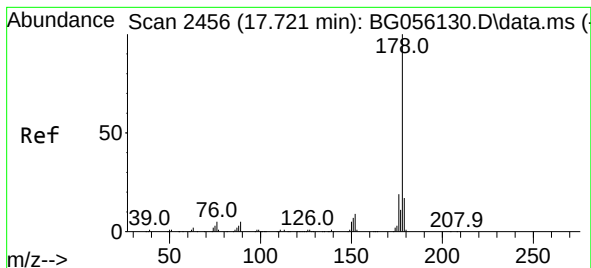
Tgt Ion	200	Resp:	75824
Ion Ratio	Lower	Upper	
200	100		
173	22.3	4.0	44.0
215	49.6	29.1	69.1



#70
Pentachlorophenol
Concen: 65.737 ng
RT: 17.302 min Scan# 2385
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion	266	Resp:	209755
Ion Ratio	Lower	Upper	
266	100		
268	65.7	53.0	79.4
264	63.1	51.4	77.2





#71

Phenanthrene

Concen: 40.949 ng

RT: 17.695 min Scan# 2456

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

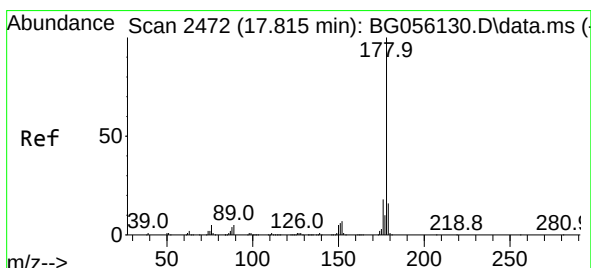
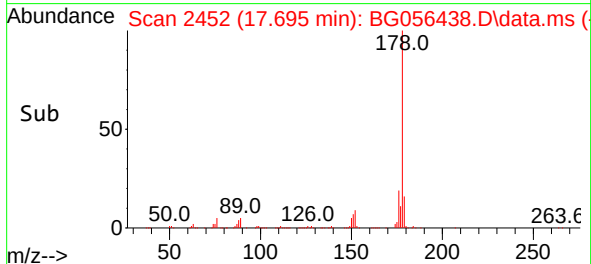
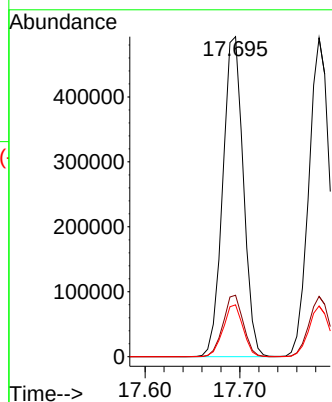
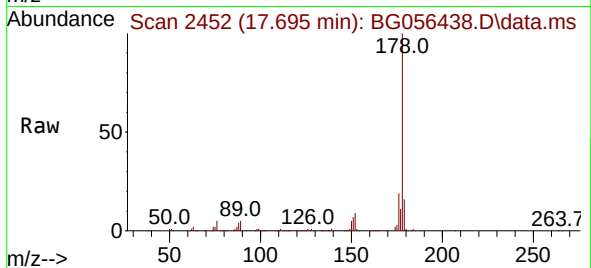
Tgt Ion:178 Resp: 741964

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 16.2 13.6 20.4



#72

Anthracene

Concen: 40.149 ng

RT: 17.784 min Scan# 2467

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

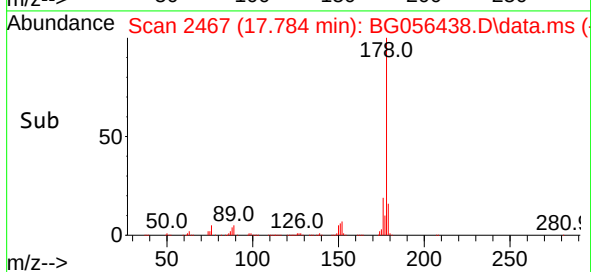
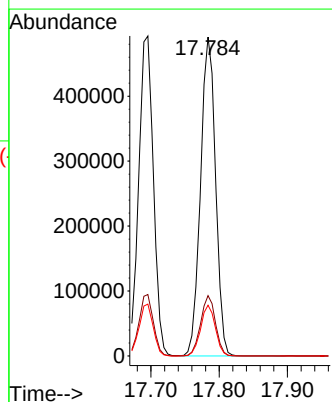
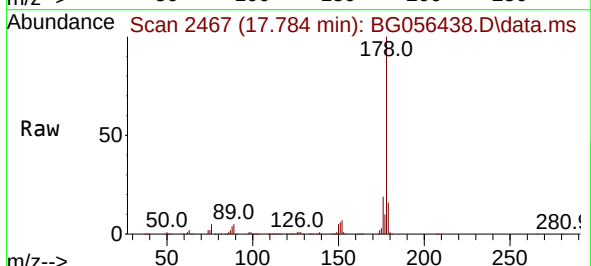
Tgt Ion:178 Resp: 750435

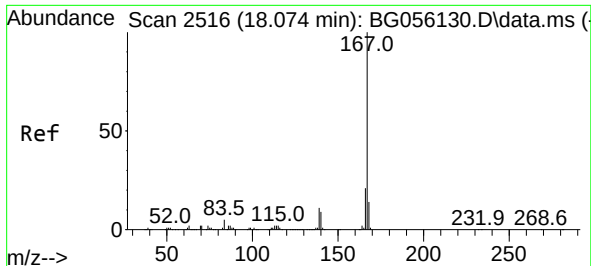
Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

179 15.9 12.7 19.1

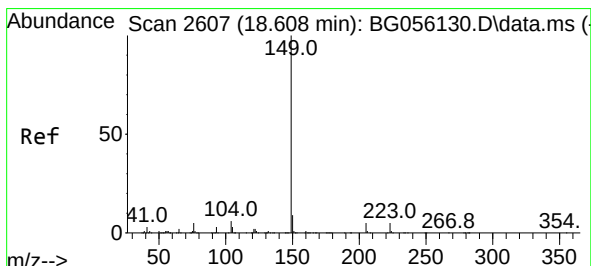
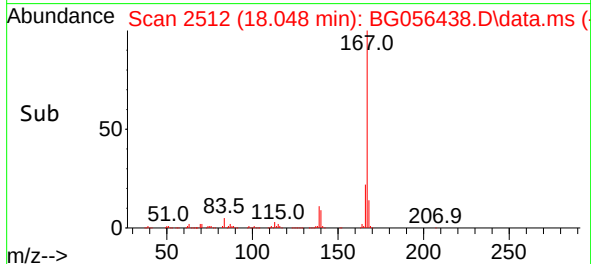
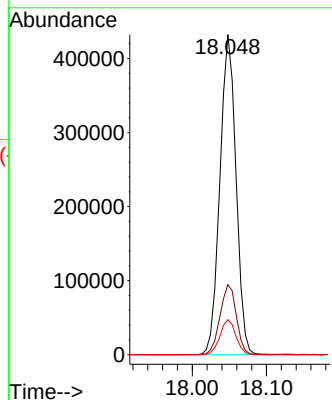
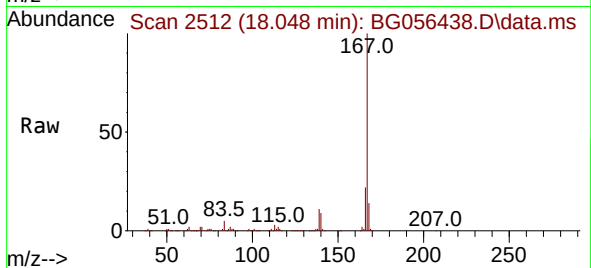




#73
 Carbazole
 Concen: 41.475 ng
 RT: 18.048 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

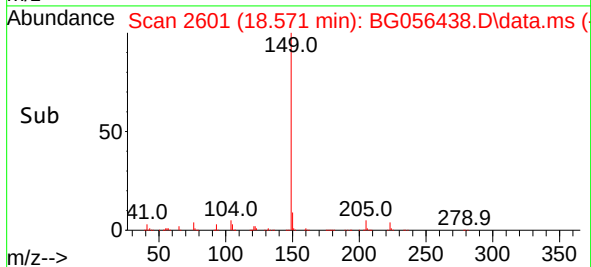
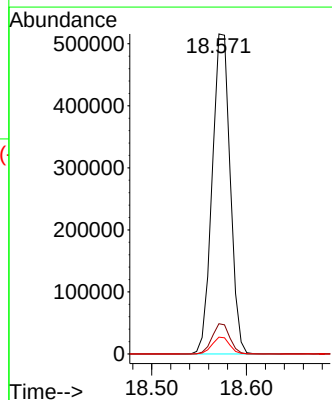
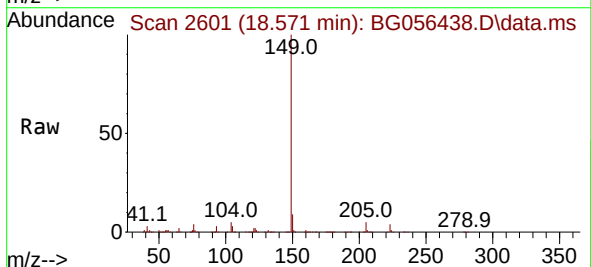
Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS

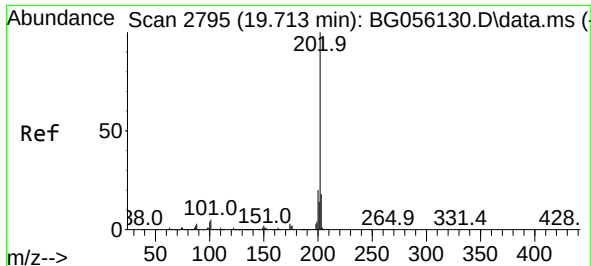
Tgt Ion:167 Resp: 651613
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 11.0 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 43.353 ng
 RT: 18.571 min Scan# 2601
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

Tgt Ion:149 Resp: 678987
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.3 4.4 6.6

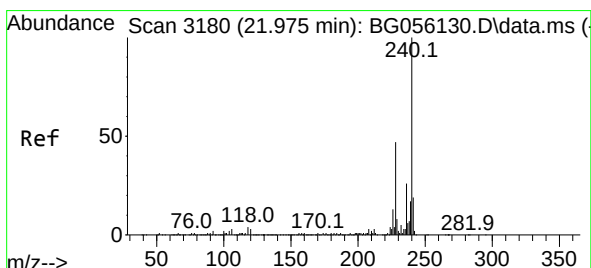
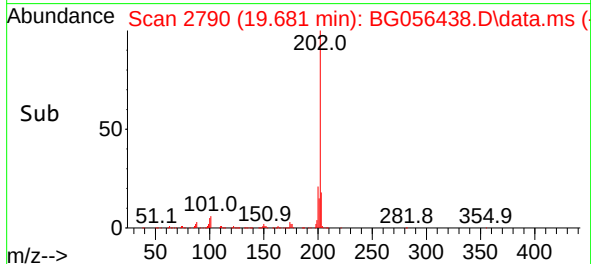
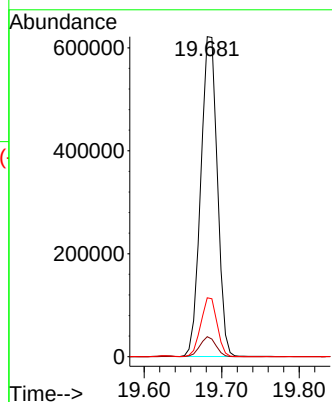
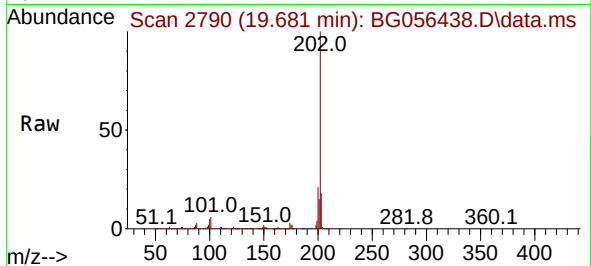




#75
Fluoranthene
Concen: 38.988 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

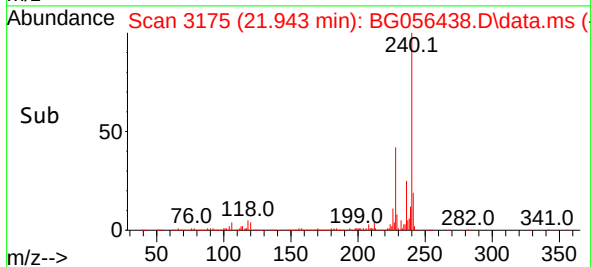
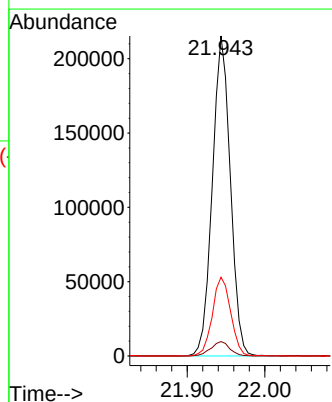
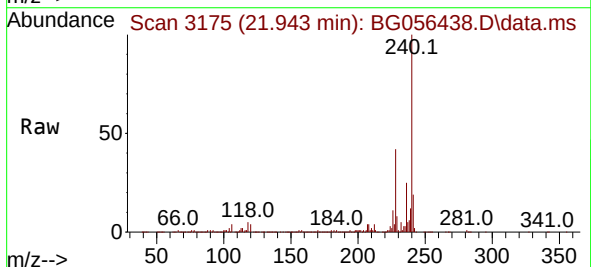
Instrument :
BNA_G
ClientSampleId :
PB150464BS

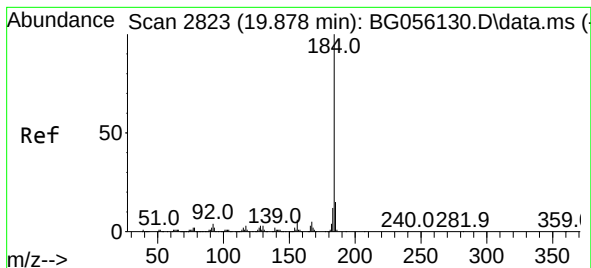
Tgt Ion:202 Resp: 921476
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.0
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.943 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:240 Resp: 346914
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 24.6 20.8 31.2





#77

Benzidine

Concen: 14.876 ng

RT: 19.852 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

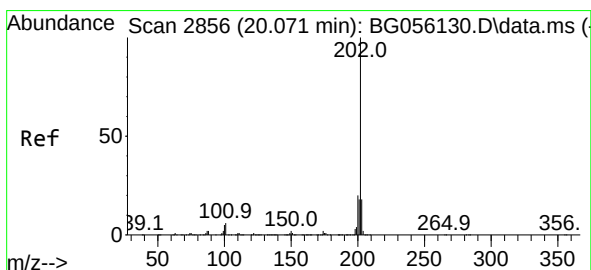
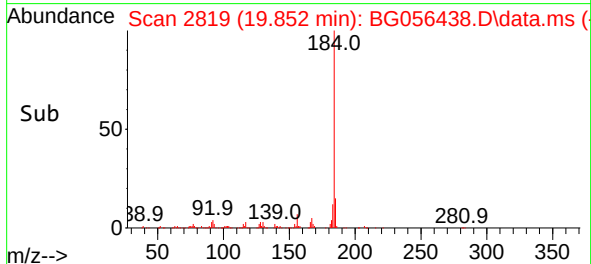
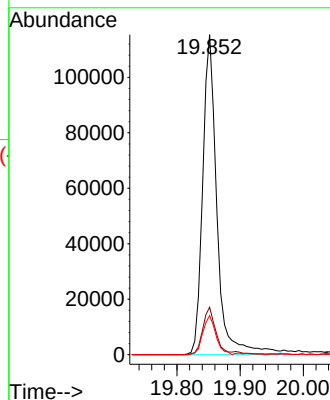
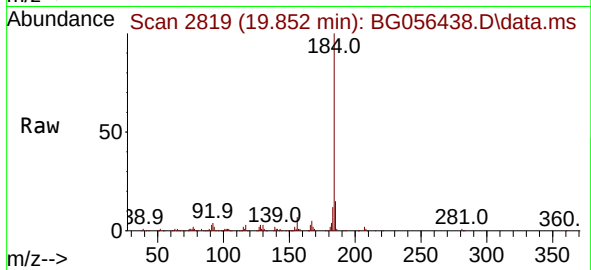
Tgt Ion:184 Resp: 180857

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

183 12.2 9.4 14.0



#78

Pyrene

Concen: 38.101 ng

RT: 20.046 min Scan# 2852

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

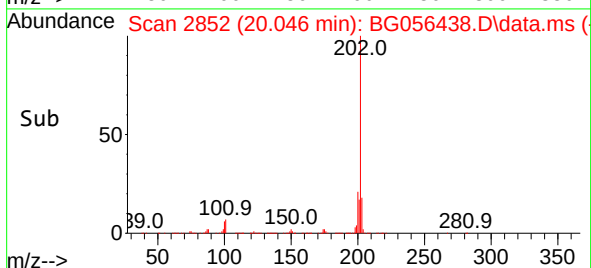
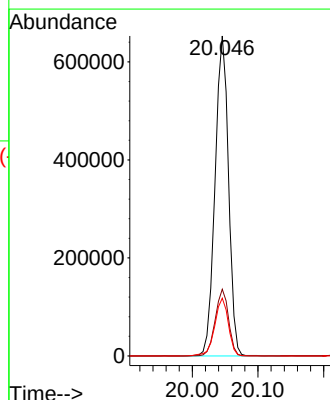
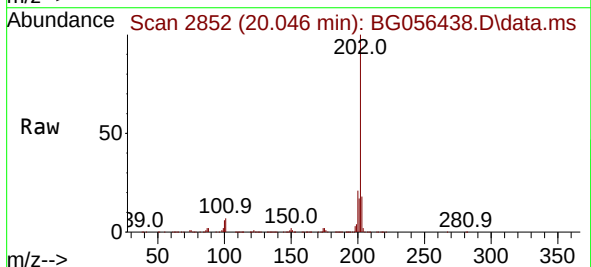
Tgt Ion:202 Resp: 931651

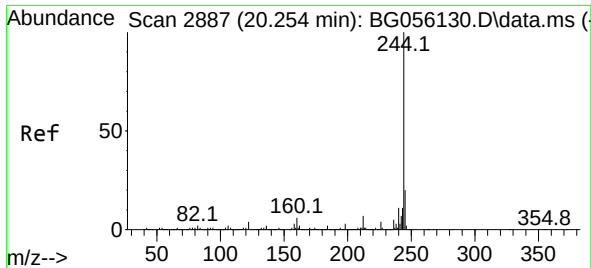
Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

203 18.0 14.3 21.5

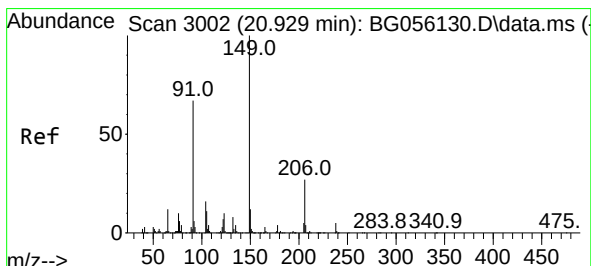
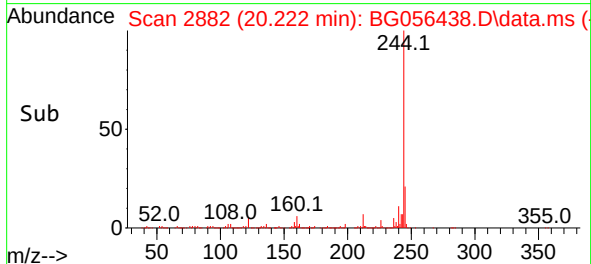
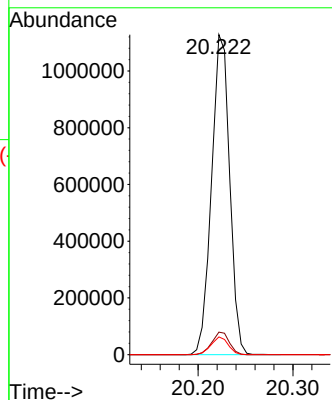
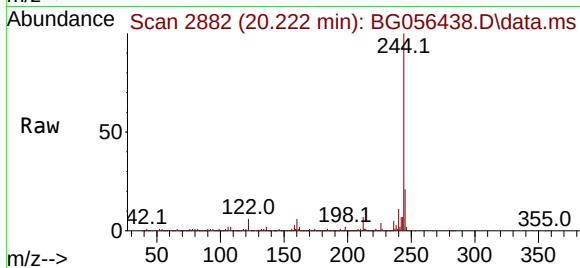




#79
 Terphenyl-d14
 Concen: 77.275 ng
 RT: 20.222 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

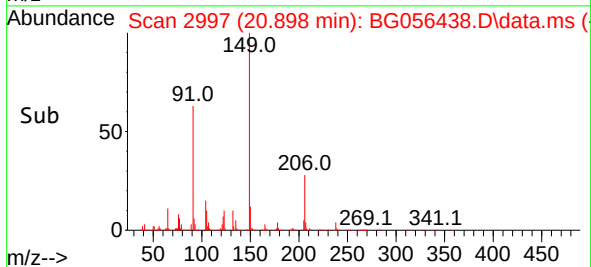
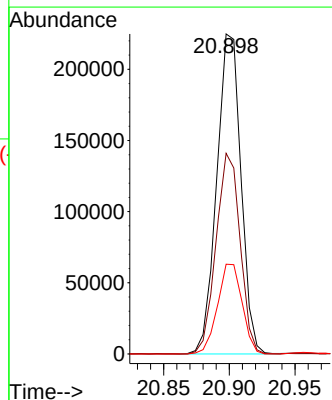
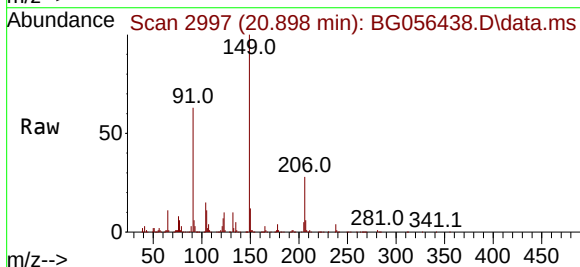
Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS

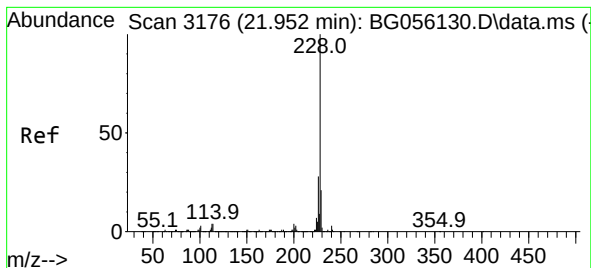
Tgt Ion:244 Resp: 1496761
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.6 3.5 5.3#



#80
 Butylbenzylphthalate
 Concen: 41.188 ng
 RT: 20.898 min Scan# 2997
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

Tgt Ion:149 Resp: 288940
 Ion Ratio Lower Upper
 149 100
 91 62.7 53.5 80.3
 206 28.0 21.9 32.9





#81

Benzo(a)anthracene

Concen: 38.368 ng

RT: 21.920 min Scan# 3176

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

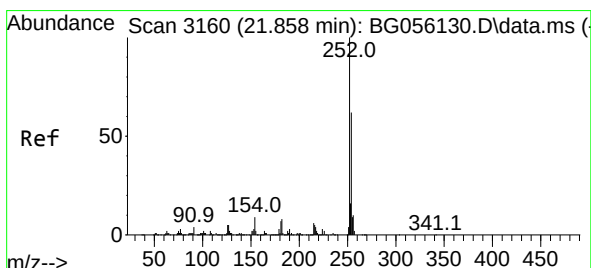
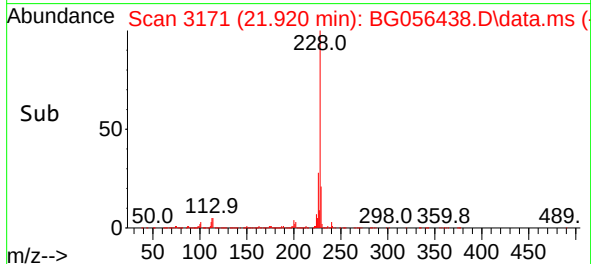
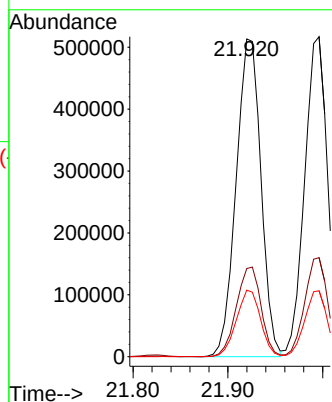
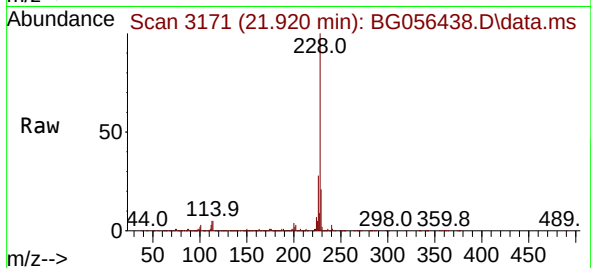
Tgt Ion:228 Resp: 934873

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 21.0 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 33.615 ng

RT: 21.820 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

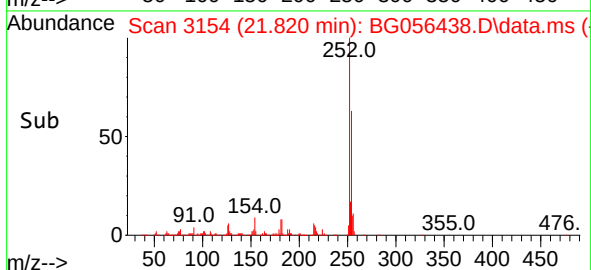
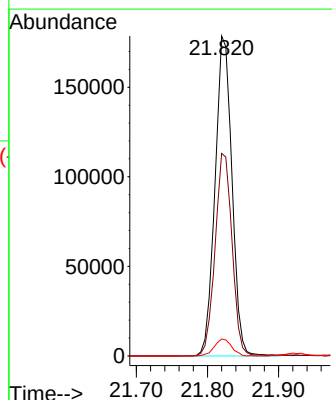
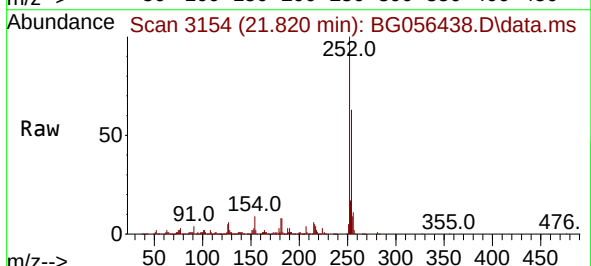
Tgt Ion:252 Resp: 294853

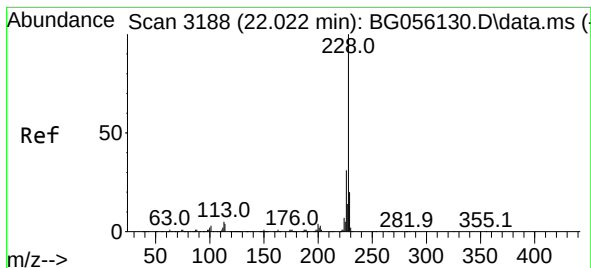
Ion Ratio Lower Upper

252 100

254 63.3 49.5 74.3

126 5.3 4.0 6.0





#83

Chrysene

Concen: 38.258 ng

RT: 21.996 min Scan# 3184

Delta R.T. 0.002 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

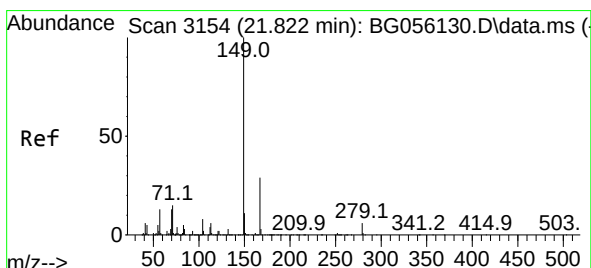
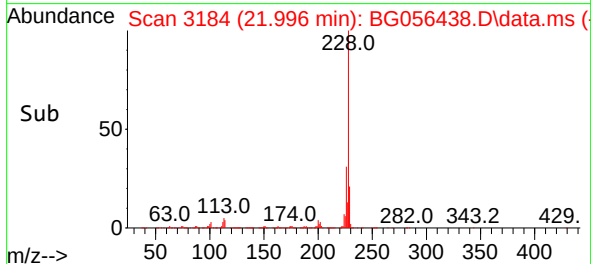
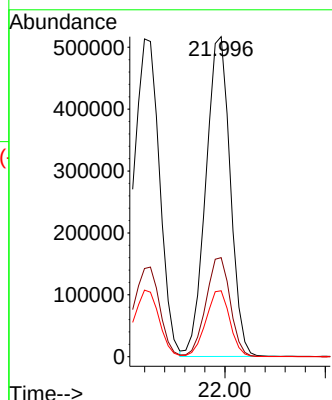
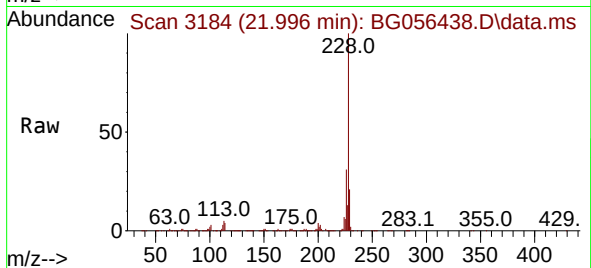
Tgt Ion:228 Resp: 873190

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 20.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.393 ng

RT: 21.779 min Scan# 3147

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

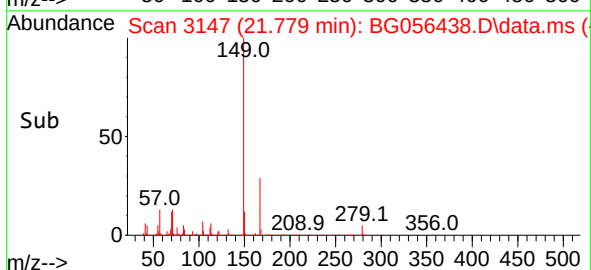
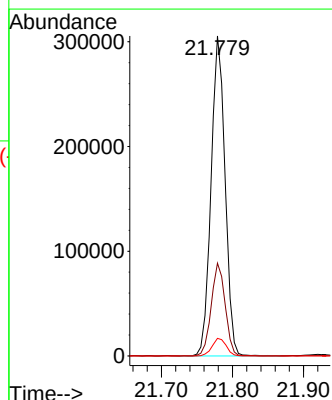
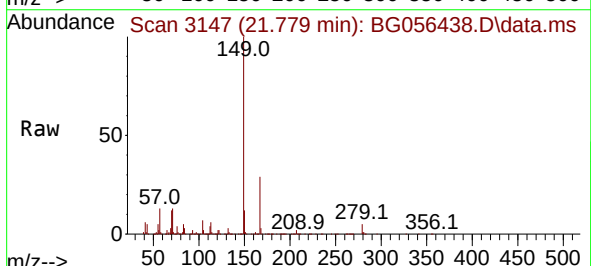
Tgt Ion:149 Resp: 418344

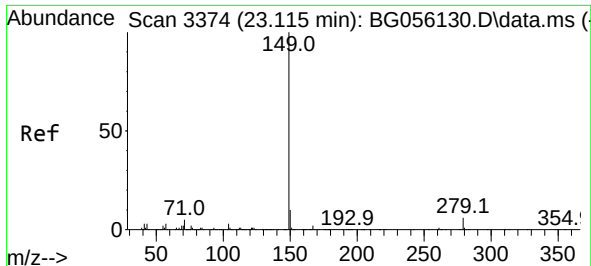
Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.2

279 5.5 4.7 7.1

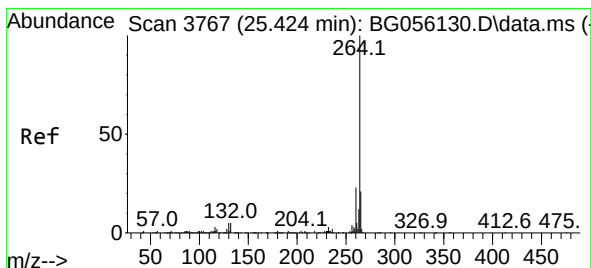
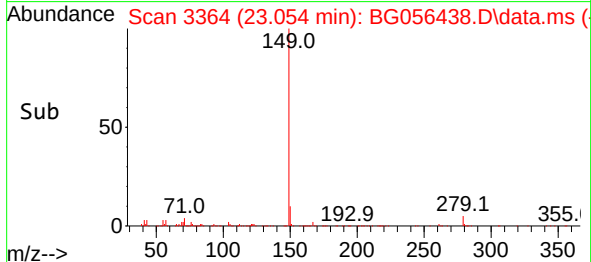
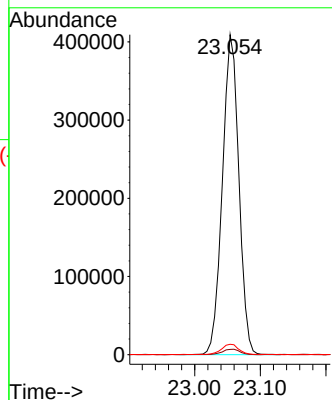
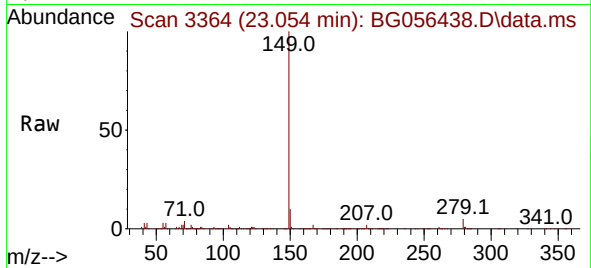




#85
Di-n-octyl phthalate
Concen: 41.691 ng
RT: 23.054 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

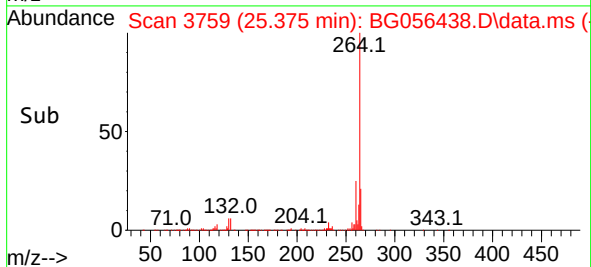
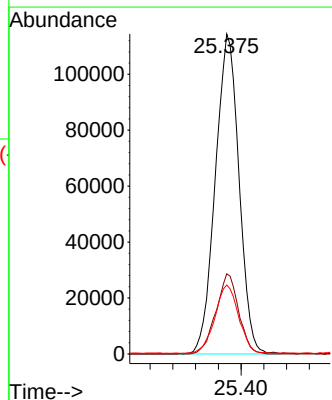
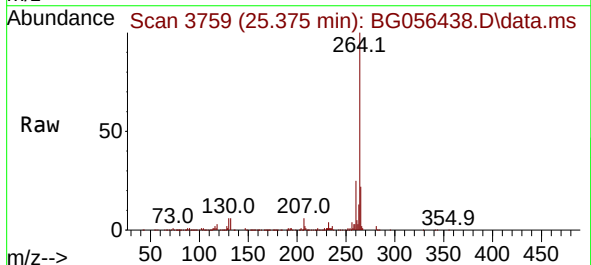
Instrument :
BNA_G
ClientSampleId :
PB150464BS

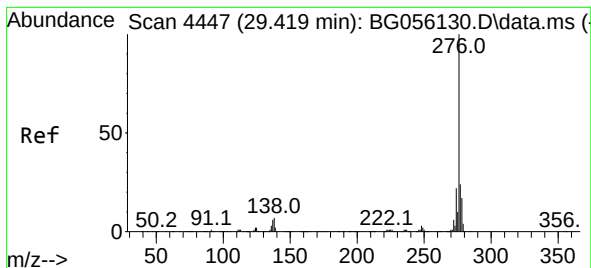
Tgt Ion:149 Resp: 711320
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.4 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.375 min Scan# 3759
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:264 Resp: 330312
Ion Ratio Lower Upper
264 100
260 25.0 18.6 28.0
265 21.6 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.312 ng

RT: 29.341 min Scan# 44

Delta R.T. 0.007 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

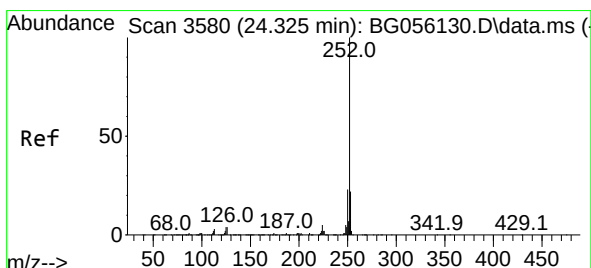
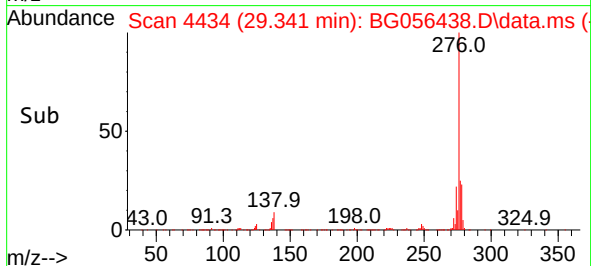
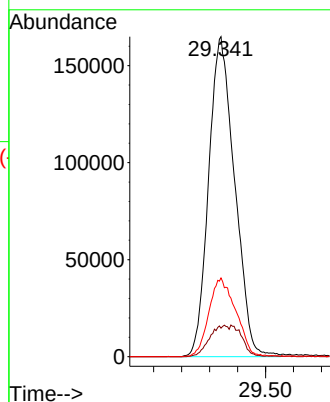
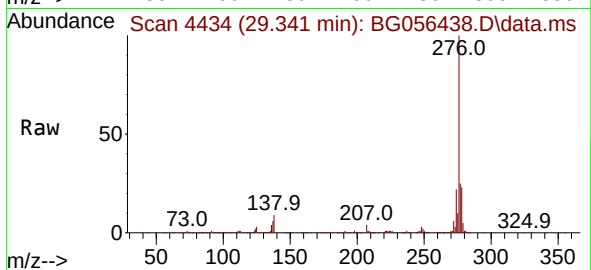
Tgt Ion:276 Resp: 1064472

Ion Ratio Lower Upper

276 100

138 4.7 5.0 7.4#

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 46.696 ng

RT: 24.282 min Scan# 3573

Delta R.T. 0.001 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

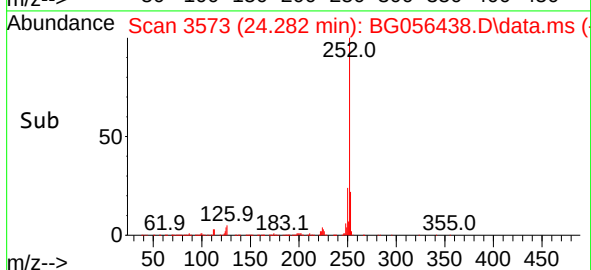
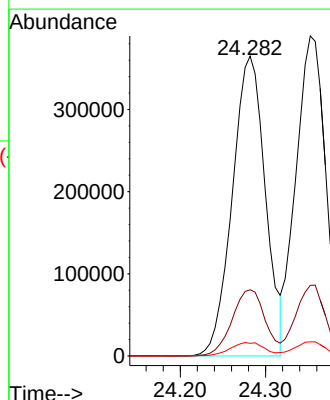
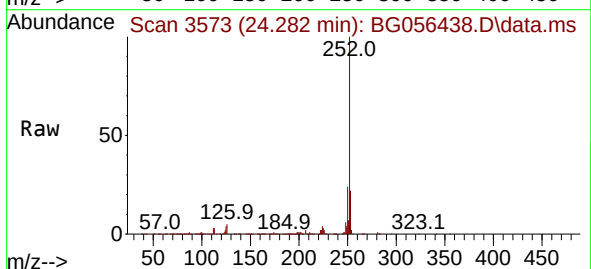
Tgt Ion:252 Resp: 979998

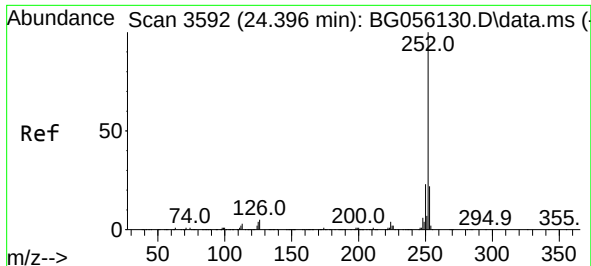
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 4.2 3.0 4.4

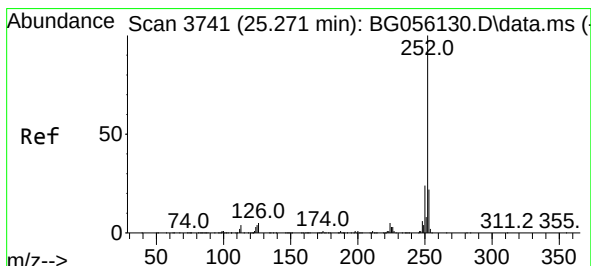
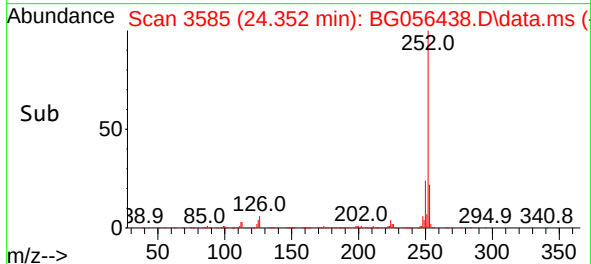
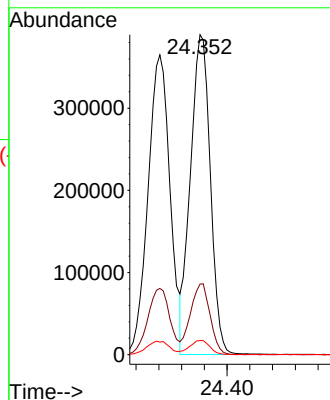
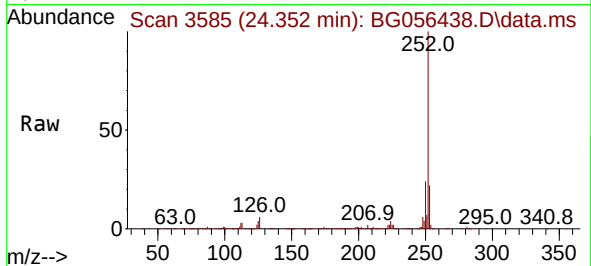




#89
Benzo(k)fluoranthene
Concen: 45.403 ng
RT: 24.352 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

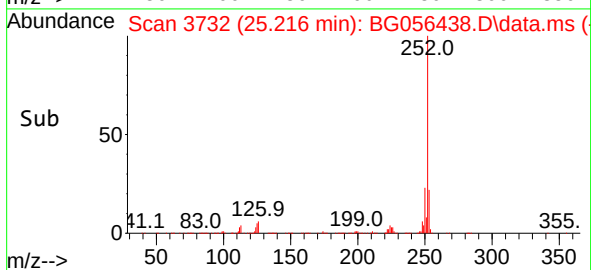
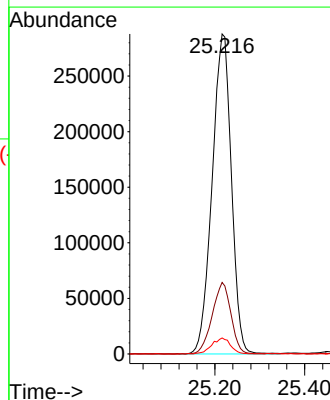
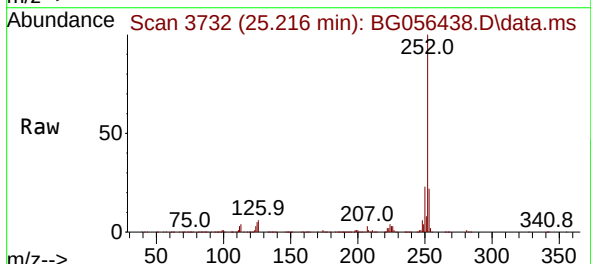
Instrument :
BNA_G
ClientSampleId :
PB150464BS

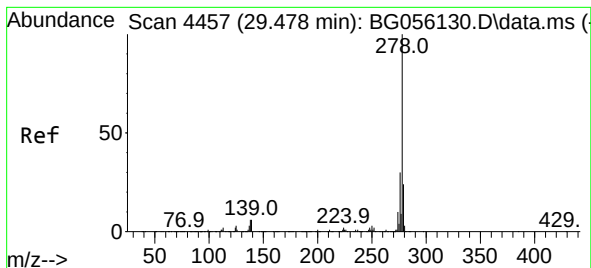
Tgt Ion:252 Resp: 948859
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 4.4 3.4 5.0



#90
Benzo(a)pyrene
Concen: 41.831 ng
RT: 25.216 min Scan# 3732
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:252 Resp: 856272
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.0 3.2 4.8#





#91

Dibenzo(a,h)anthracene

Concen: 45.560 ng

RT: 29.399 min Scan# 4457

Delta R.T. 0.007 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

PB150464BS

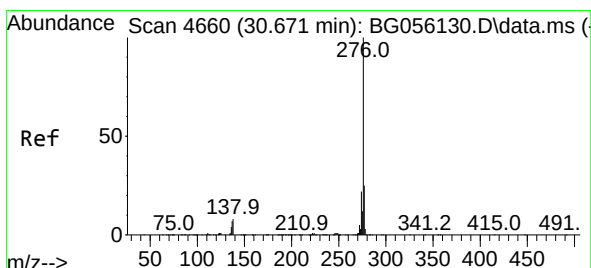
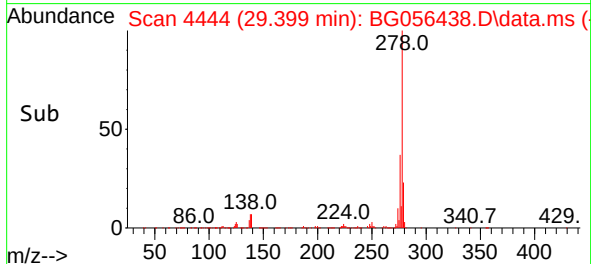
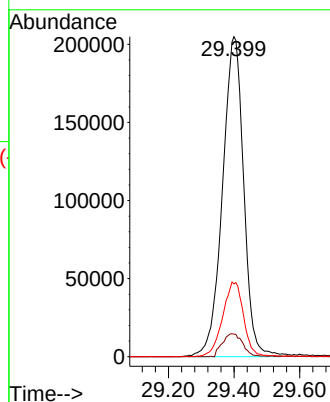
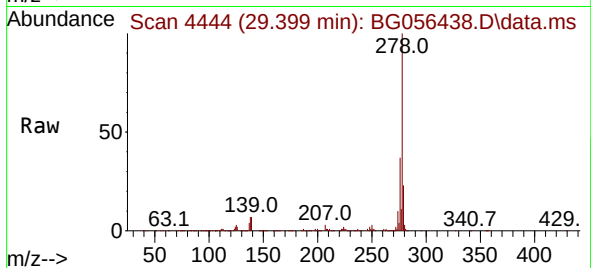
Tgt Ion:278 Resp: 917590

Ion Ratio Lower Upper

278 100

139 7.1 4.8 7.2

279 22.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.532 ng

RT: 30.580 min Scan# 4645

Delta R.T. 0.007 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Tgt Ion:276 Resp: 869753

Ion Ratio Lower Upper

276 100

277 24.1 19.7 29.5

138 10.0 6.7 10.1

