

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057082.D
 Acq On : 13 Apr 2023 14:52
 Operator : CG/JU
 Sample : PB152099BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152099BS

Quant Time: Apr 13 15:48:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	18806	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	77073	20.000	ng	# 0.00
39) Acenaphthene-d10	15.023	164	55460	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	139602	20.000	ng	# 0.00
76) Chrysene-d12	22.078	240	127705	20.000	ng	# 0.00
86) Perylene-d12	25.615	264	135997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	139523	118.738	ng	0.00
7) Phenol-d6	7.545	99	194295	110.556	ng	0.00
23) Nitrobenzene-d5	9.583	82	121741	64.632	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	94768	106.963	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	277388	67.822	ng	0.00
79) Terphenyl-d14	20.328	244	517941	68.630	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.715	88	15572	30.231	ng	96
3) Pyridine	4.138	79	44454	26.795	ng	97
4) n-Nitrosodimethylamine	4.044	42	27081	35.503	ng	94
6) Aniline	7.715	93	77478	34.485	ng	98
8) 2-Chlorophenol	7.968	128	54907	46.913	ng	97
9) Benzaldehyde	7.527	77	40306	36.565	ng	92
10) Phenol	7.568	94	80291	46.108	ng	99
11) bis(2-Chloroethyl)ether	7.803	93	54252	43.737	ng	99
12) 1,3-Dichlorobenzene	8.297	146	56232	43.481	ng	99
13) 1,4-Dichlorobenzene	8.444	146	57470	44.030	ng	96
14) 1,2-Dichlorobenzene	8.767	146	56728	44.986	ng	96
15) Benzyl Alcohol	8.638	79	61957	42.428	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.925	45	70089	46.885	ng	98
17) 2-Methylphenol	8.843	107	55357	44.558	ng	89
18) Hexachloroethane	9.507	117	21078	44.183	ng	90
19) n-Nitroso-di-n-propyla...	9.213	70	49656	39.502	ng	# 93
20) 3+4-Methylphenols	9.166	107	72992	42.016	ng	94
22) Acetophenone	9.237	105	90399	39.417	ng	# 96
24) Nitrobenzene	9.630	77	75640	39.277	ng	98
25) Isophorone	10.147	82	133602	37.247	ng	100
26) 2-Nitrophenol	10.347	139	32254	43.391	ng	95
27) 2,4-Dimethylphenol	10.388	122	56152	42.785	ng	99
28) bis(2-Chloroethoxy)met...	10.623	93	71992	40.090	ng	96
29) 2,4-Dichlorophenol	10.887	162	58793	41.654	ng	94
30) 1,2,4-Trichlorobenzene	11.105	180	61075	40.725	ng	95
31) Naphthalene	11.299	128	170227	40.521	ng	99
32) Benzoic acid	10.529	122	33238	36.869	ng	97
33) 4-Chloroaniline	11.398	127	46966	24.753	ng	97
34) Hexachlorobutadiene	11.569	225	44298	39.322	ng	99
35) Caprolactam	12.168	113	12168	24.998	ng	91
36) 4-Chloro-3-methylphenol	12.485	107	62852	39.819	ng	94
37) 2-Methylnaphthalene	12.873	142	124198	37.250	ng	97
38) 1-Methylnaphthalene	13.090	142	116860	37.326	ng	100
40) 1,2,4,5-Tetrachloroben...	13.237	216	81171	42.206	ng	# 98
41) Hexachlorocyclopentadiene	13.208	237	120902	114.098	ng	95
43) 2,4,6-Trichlorophenol	13.466	196	53035	43.214	ng	96

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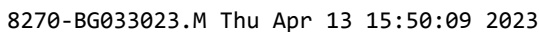
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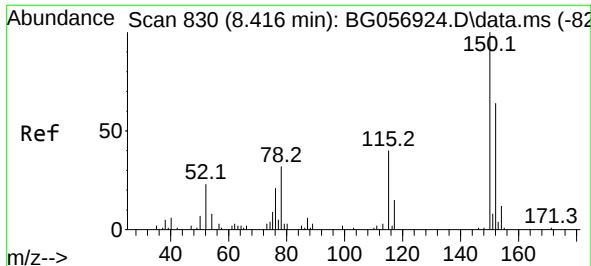
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	57670	39.666	ng	97
46) 1,1'-Biphenyl	13.860	154	177748	43.782	ng	98
47) 2-Chloronaphthalene	13.907	162	134801	44.894	ng	99
48) 2-Nitroaniline	14.107	65	45365	42.253	ng	98
49) Acenaphthylene	14.747	152	209749	42.516	ng	99
50) Dimethylphthalate	14.459	163	179514	41.080	ng	100
51) 2,6-Dinitrotoluene	14.582	165	39734	42.085	ng	97
52) Acenaphthene	15.088	154	133439	39.219	ng	94
53) 3-Nitroaniline	14.917	138	28065	30.031	ng	91
54) 2,4-Dinitrophenol	15.123	184	53276	100.251	ng	94
55) Dibenzofuran	15.417	168	213752	41.857	ng	99
56) 4-Nitrophenol	15.217	139	64891	93.901	ng	90
57) 2,4-Dinitrotoluene	15.370	165	57153	42.920	ng	# 97
58) Fluorene	16.063	166	176820	41.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.634	232	55858	42.196	ng	# 98
60) Diethylphthalate	15.804	149	186272	42.521	ng	99
61) 4-Chlorophenyl-phenyle...	16.039	204	103067	41.542	ng	97
62) 4-Nitroaniline	16.075	138	42824	44.228	ng	87
63) Azobenzene	16.333	77	183664	42.069	ng	97
65) 4,6-Dinitro-2-methylph...	16.133	198	37727	44.622	ng	97
66) n-Nitrosodiphenylamine	16.257	169	153181	40.875	ng	100
67) 4-Bromophenyl-phenylether	16.932	248	69099	40.004	ng	97
68) Hexachlorobenzene	17.067	284	75782	44.376	ng	96
69) Atrazine	17.185	200	68384	43.960	ng	94
70) Pentachlorophenol	17.408	266	89941	73.412	ng	93
71) Phenanthrene	17.802	178	295601	41.531	ng	98
72) Anthracene	17.896	178	298993	40.978	ng	98
73) Carbazole	18.160	167	267150	41.994	ng	96
74) Di-n-butylphthalate	18.677	149	317752	43.134	ng	99
75) Fluoranthene	19.787	202	360260	39.929	ng	99
77) Benzidine	19.952	184	177020	50.713	ng	97
78) Pyrene	20.151	202	363383	41.141	ng	98
80) Butylbenzylphthalate	21.009	149	135580	44.606	ng	92
81) Benzo(a)anthracene	22.055	228	365382	41.346	ng	99
82) 3,3'-Dichlorobenzidine	21.955	252	93488	31.328	ng	93
83) Chrysene	22.131	228	330327	39.922	ng	100
84) Bis(2-ethylhexyl)phtha...	21.908	149	196486	44.643	ng	97
85) Di-n-octyl phthalate	23.218	149	325760	43.921	ng	100
87) Indeno(1,2,3-cd)pyrene	29.703	276	430797	42.862	ng	# 98
88) Benzo(b)fluoranthene	24.481	252	378519	44.509	ng	98
89) Benzo(k)fluoranthene	24.481	252	378519	44.584	ng	100
90) Benzo(a)pyrene	25.450	252	327124	39.144	ng	# 97
91) Dibenzo(a,h)anthracene	29.779	278	353576	42.797	ng	98
92) Benzo(g,h,i)perylene	30.995	276	340181	42.051	ng	97

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

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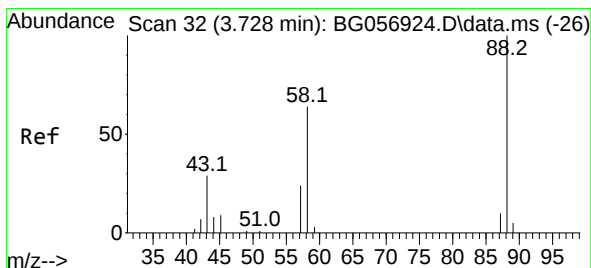
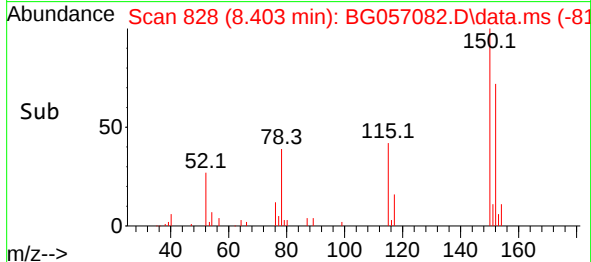
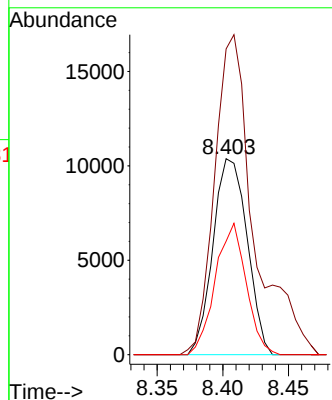
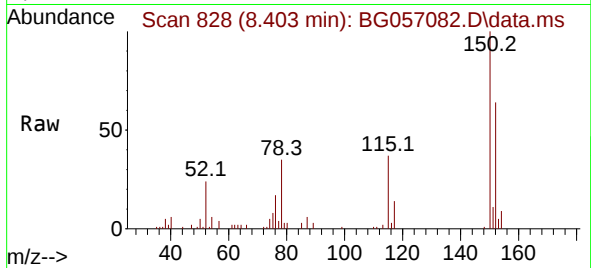




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.403 min Scan# 81
 Delta R.T. -0.008 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

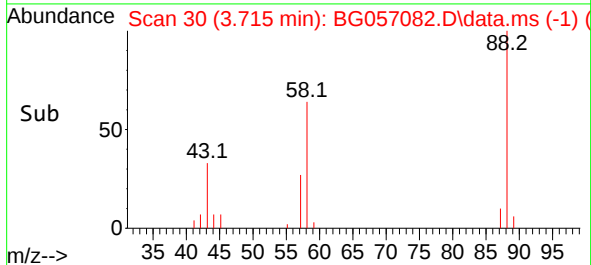
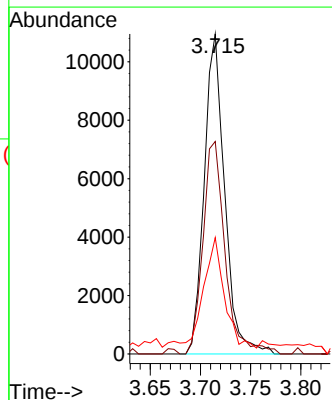
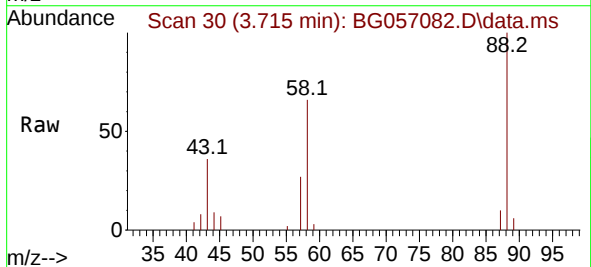
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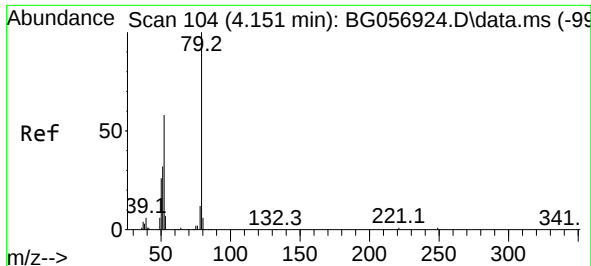
Tgt Ion:152 Resp: 18806
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.1 186.1
 115 57.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 30.231 ng
 RT: 3.715 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion: 88 Resp: 15572
 Ion Ratio Lower Upper
 88 100
 58 71.8 55.9 83.9
 43 35.6 25.7 38.5

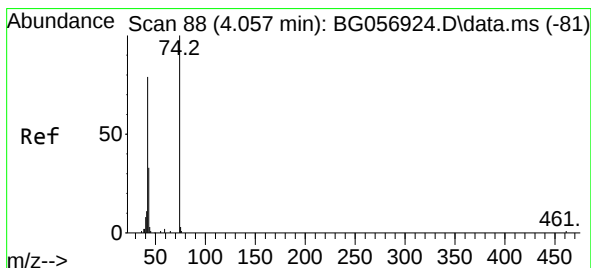
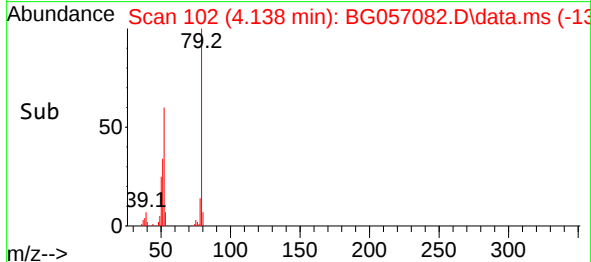
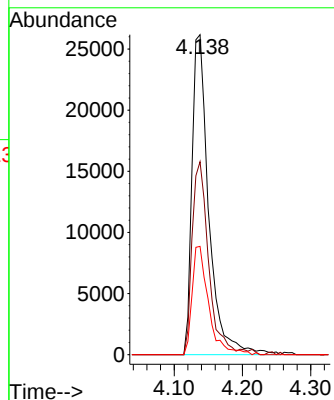
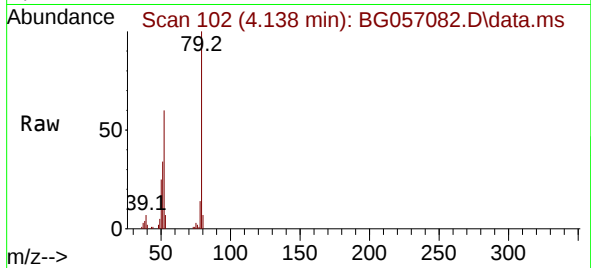




#3
 Pyridine
 Concen: 26.795 ng
 RT: 4.138 min Scan# 104
 Delta R.T. -0.009 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

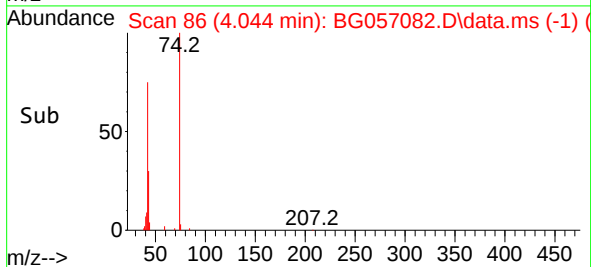
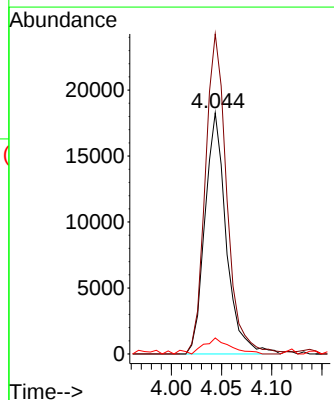
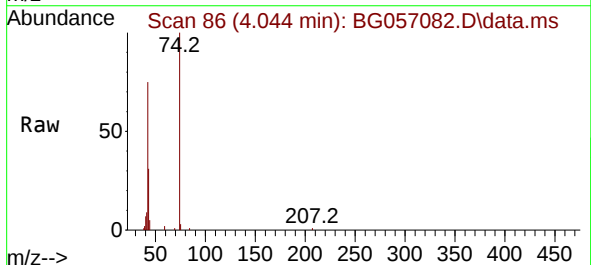
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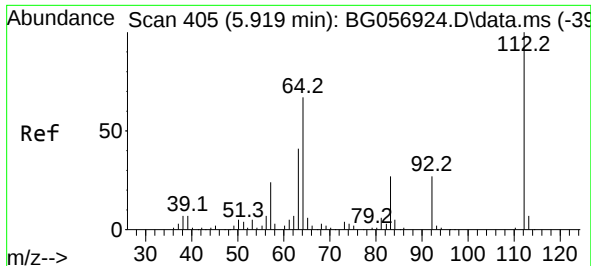
Tgt Ion: 79 Resp: 44454
 Ion Ratio Lower Upper
 79 100
 52 60.3 46.1 69.1
 51 33.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 35.503 ng
 RT: 4.044 min Scan# 86
 Delta R.T. -0.009 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion: 42 Resp: 27081
 Ion Ratio Lower Upper
 42 100
 74 132.7 100.6 151.0
 44 6.6 4.6 7.0

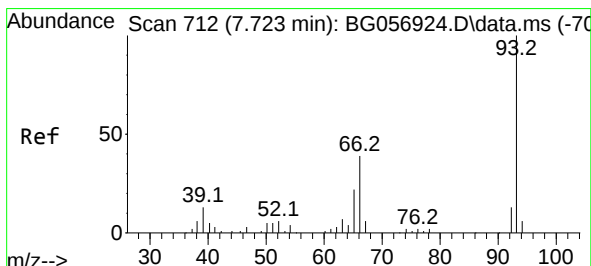
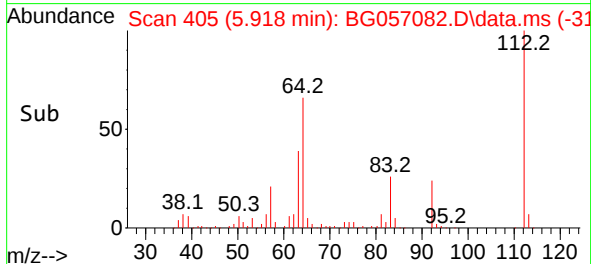
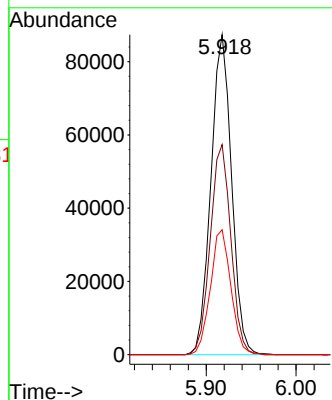
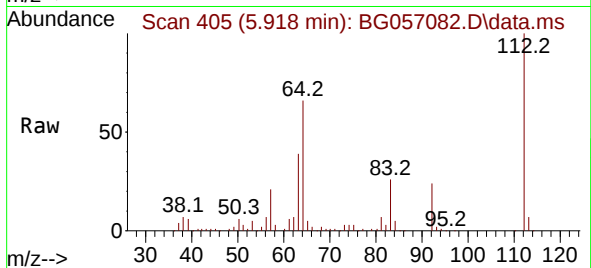




#5
2-Fluorophenol
Concen: 118.738 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

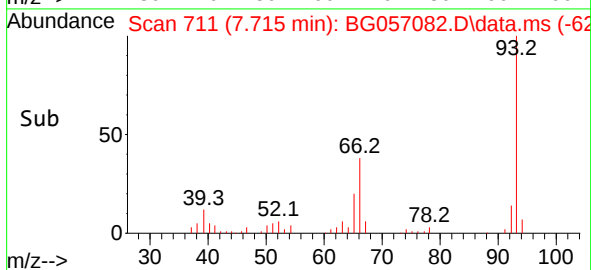
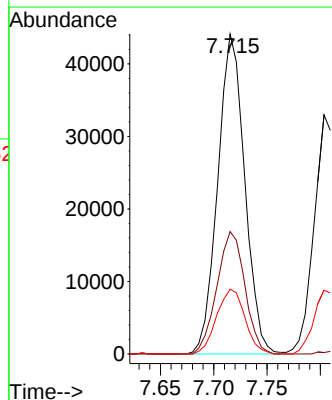
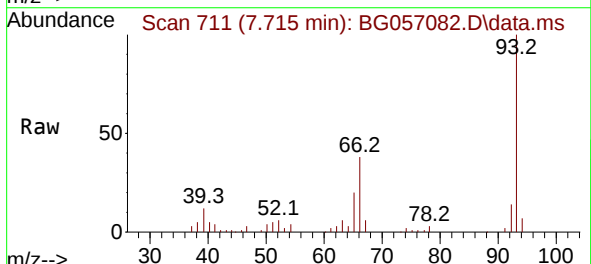
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ClientSampleId :
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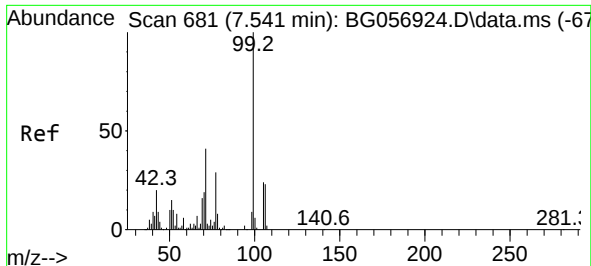
Tgt Ion:112 Resp: 139523
Ion Ratio Lower Upper
112 100
64 65.6 53.2 79.8
63 39.0 32.6 48.8



#6
Aniline
Concen: 34.485 ng
RT: 7.715 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 93 Resp: 77478
Ion Ratio Lower Upper
93 100
66 38.2 31.4 47.0
65 20.3 17.3 25.9

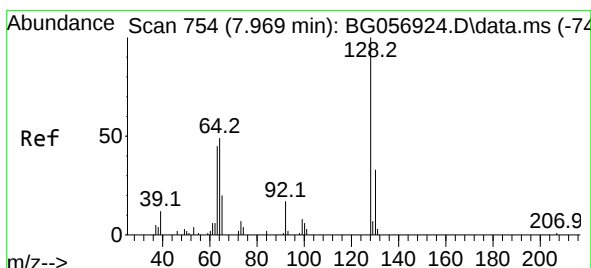
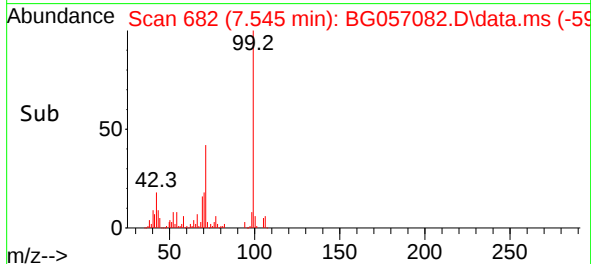
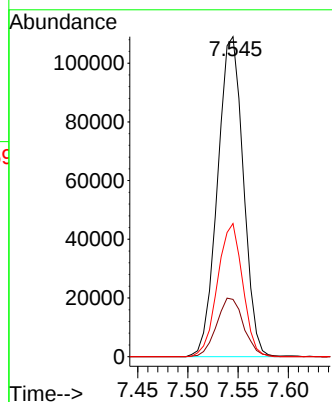
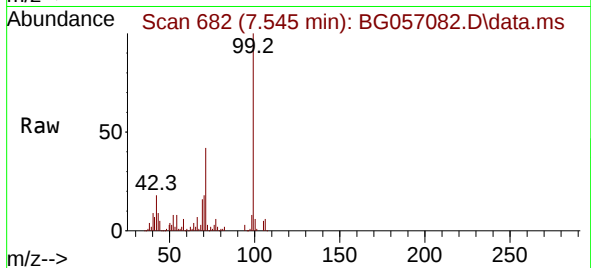




#7
Phenol-d6
Concen: 110.556 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.009 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

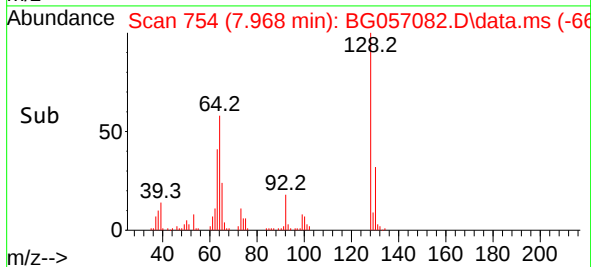
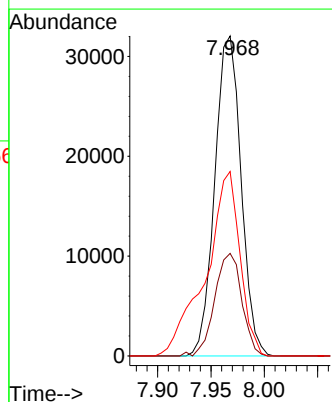
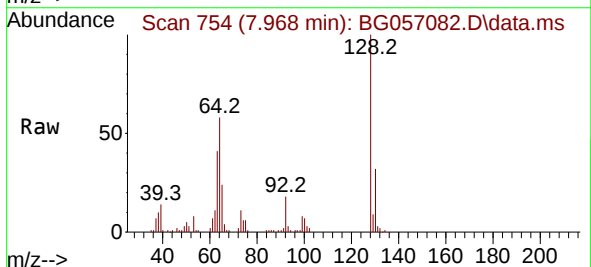
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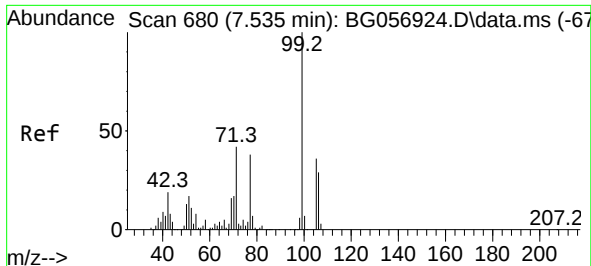
Tgt Ion: 99 Resp: 194295
Ion Ratio Lower Upper
99 100
42 17.9 15.7 23.5
71 41.6 32.5 48.7



#8
2-Chlorophenol
Concen: 46.913 ng
RT: 7.968 min Scan# 754
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 128 Resp: 54907
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 57.7 40.6 80.6

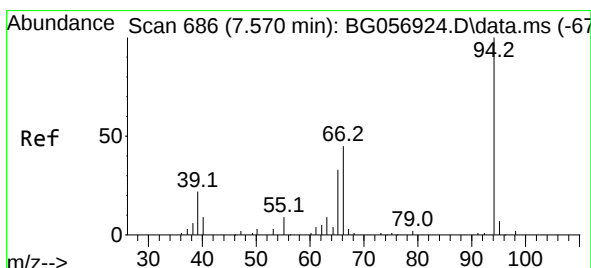
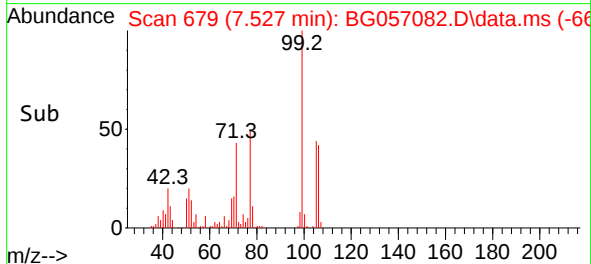
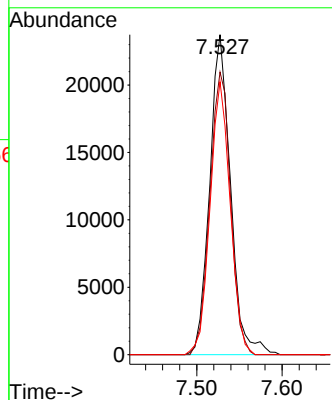
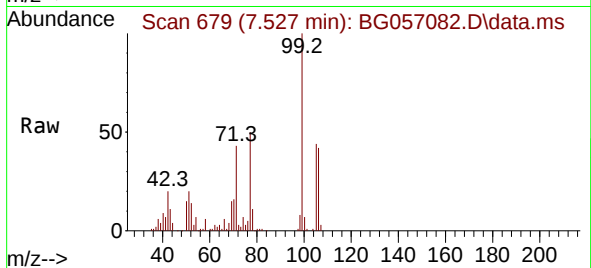




#9
Benzaldehyde
Concen: 36.565 ng
RT: 7.527 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

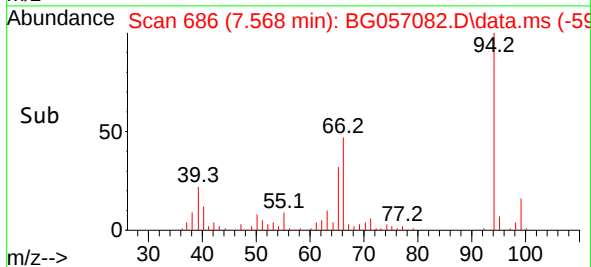
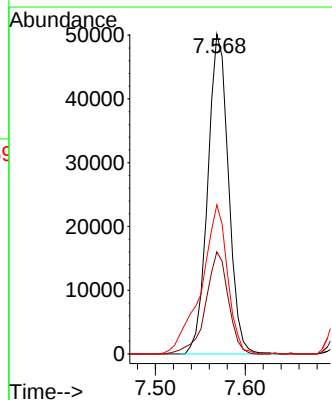
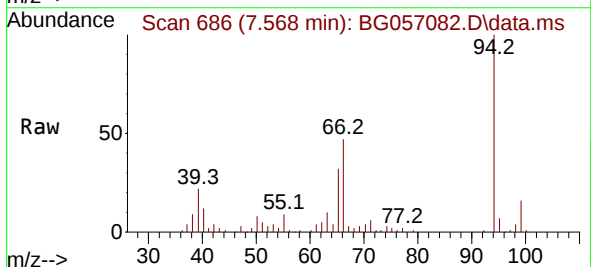
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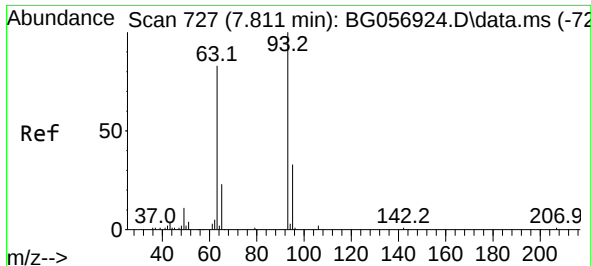
Tgt Ion: 77 Resp: 40306
Ion Ratio Lower Upper
77 100
105 88.3 73.6 113.6
106 85.3 56.7 96.7



#10
Phenol
Concen: 46.108 ng
RT: 7.568 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 94 Resp: 80291
Ion Ratio Lower Upper
94 100
65 31.9 13.3 53.3
66 46.6 26.7 66.7

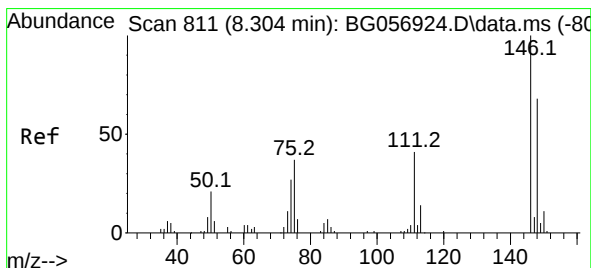
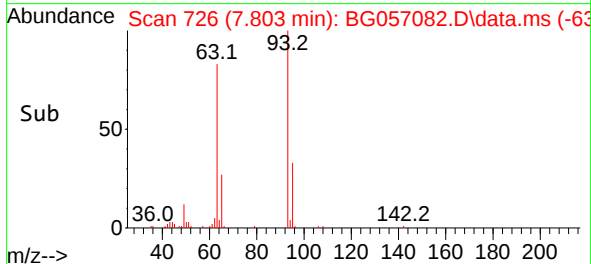
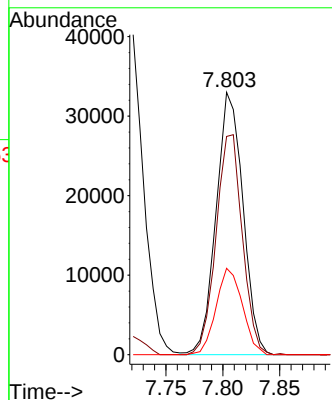
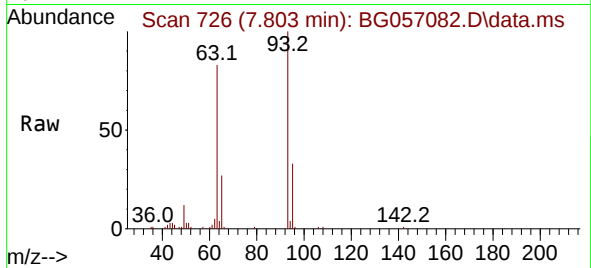




#11
bis(2-Chloroethyl)ether
Concen: 43.737 ng
RT: 7.803 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

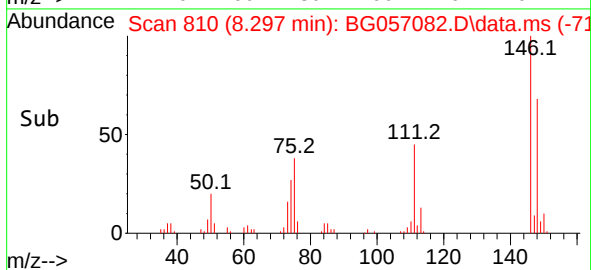
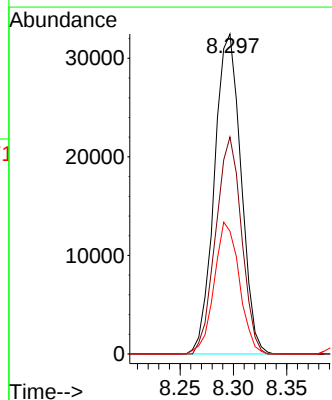
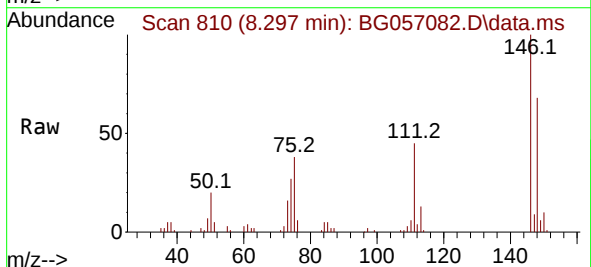
Instrument :
BNA_G
ClientSampleId :
PB152099BS

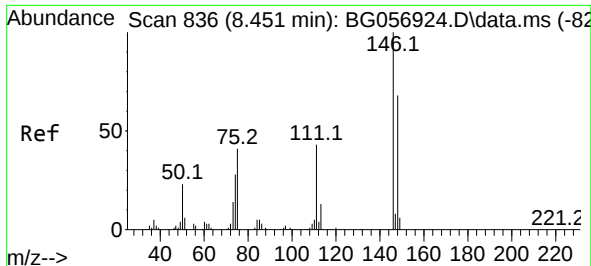
Tgt Ion: 93 Resp: 54252
Ion Ratio Lower Upper
93 100
63 83.2 62.7 102.7
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.481 ng
RT: 8.297 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:146 Resp: 56232
Ion Ratio Lower Upper
146 100
148 67.8 54.2 81.4
75 38.3 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 44.030 ng

RT: 8.444 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

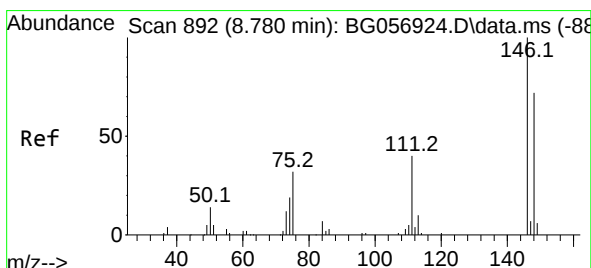
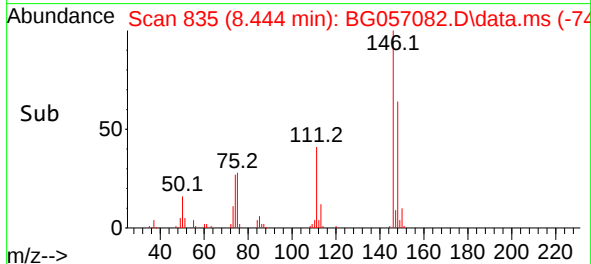
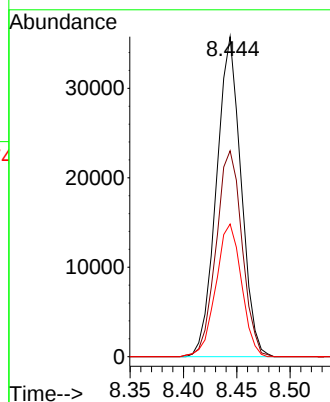
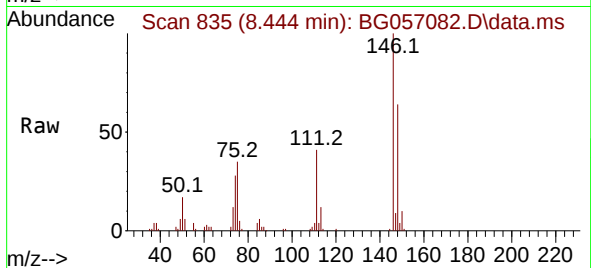
Tgt Ion:146 Resp: 57470

Ion Ratio Lower Upper

146 100

148 64.3 54.8 82.2

111 41.5 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 44.986 ng

RT: 8.767 min Scan# 890

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

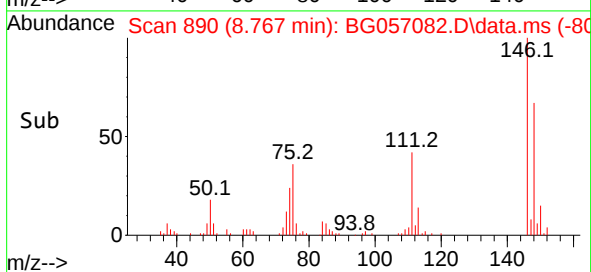
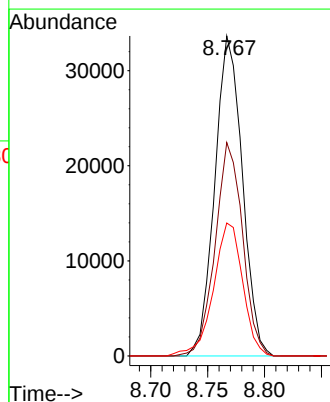
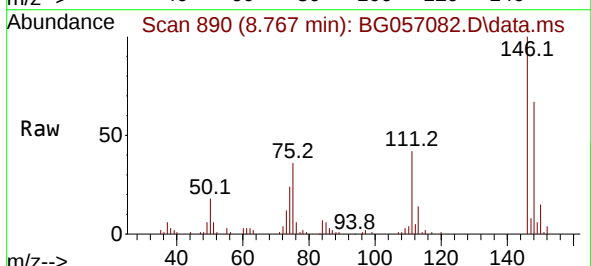
Tgt Ion:146 Resp: 56728

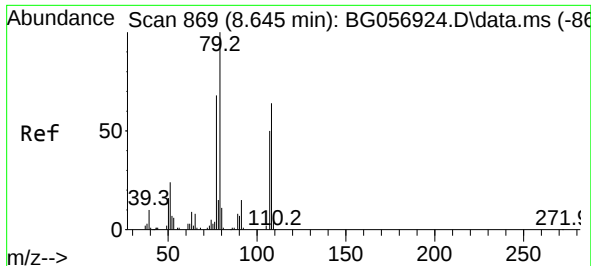
Ion Ratio Lower Upper

146 100

148 66.7 57.4 86.0

111 41.6 33.2 49.8

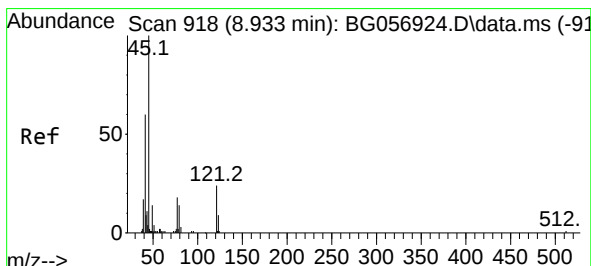
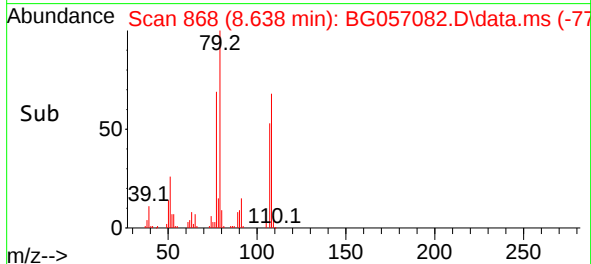
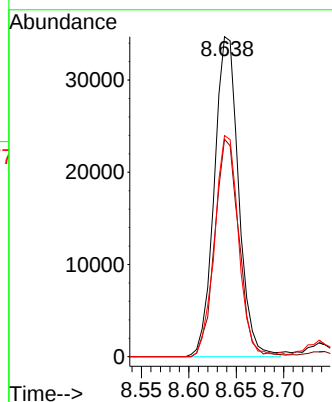
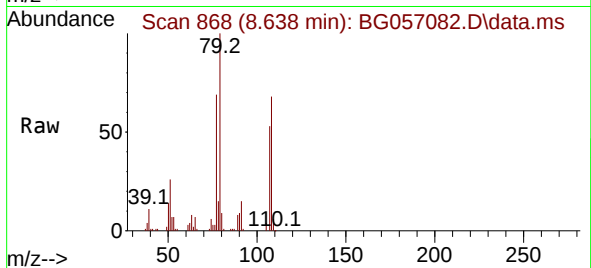




#15
Benzyl Alcohol
Concen: 42.428 ng
RT: 8.638 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

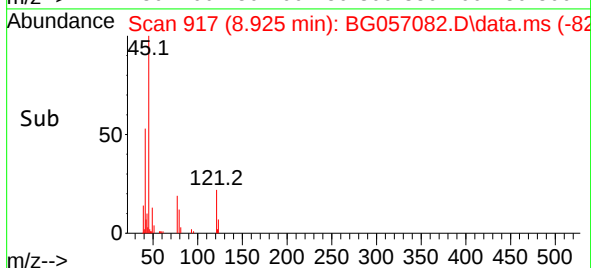
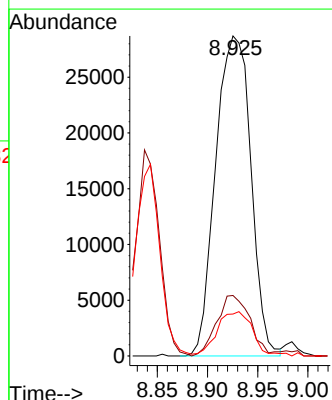
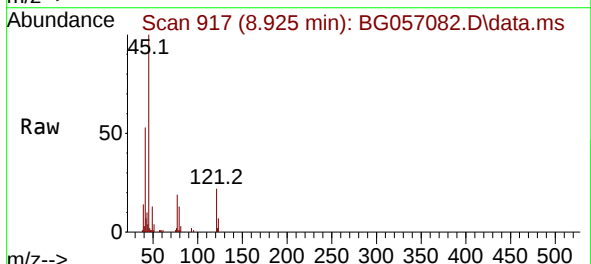
Instrument :
BNA_G
ClientSampleId :
PB152099BS

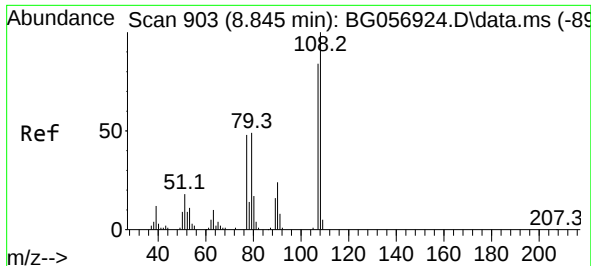
Tgt Ion: 79 Resp: 61957
Ion Ratio Lower Upper
79 100
108 68.0 51.2 76.8
77 69.1 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.885 ng
RT: 8.925 min Scan# 917
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 45 Resp: 70089
Ion Ratio Lower Upper
45 100
77 18.9 0.0 38.7
79 13.1 0.0 35.1





#17

2-Methylphenol

Concen: 44.558 ng

RT: 8.843 min Scan# 90

Delta R.T. 0.003 min

Lab File: BG057082.D

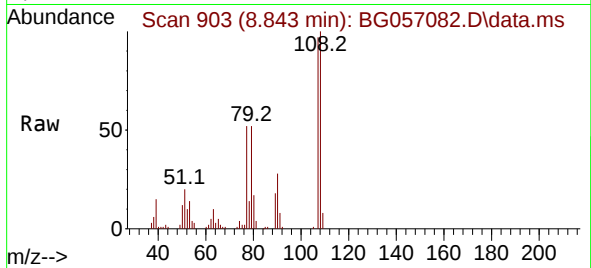
Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS



Tgt Ion:107 Resp: 55357

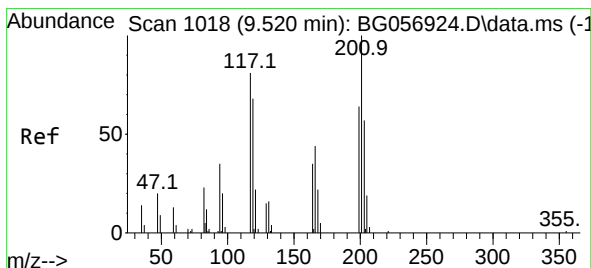
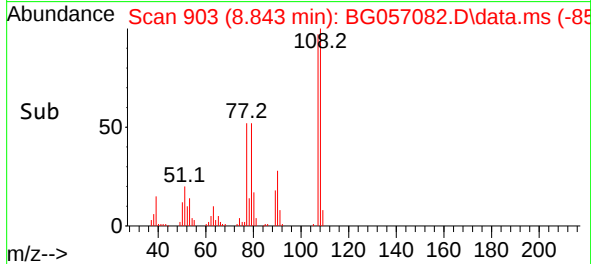
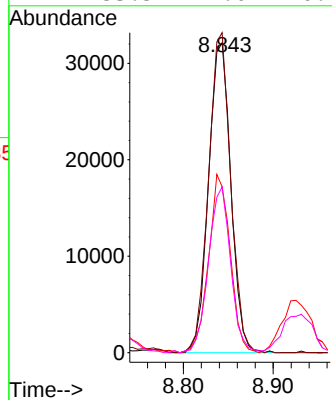
Ion Ratio Lower Upper

107 100

108 103.3 96.0 144.0

77 53.5 45.6 68.4

79 53.5 47.0 70.4



#18

Hexachloroethane

Concen: 44.183 ng

RT: 9.507 min Scan# 1016

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

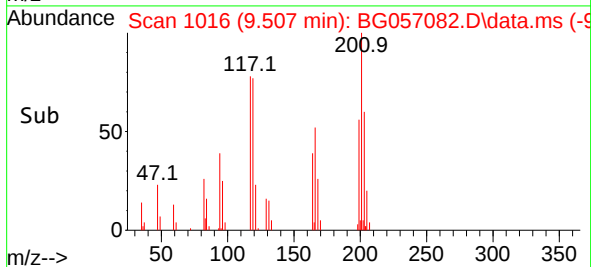
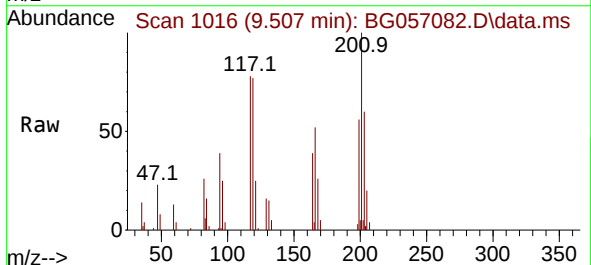
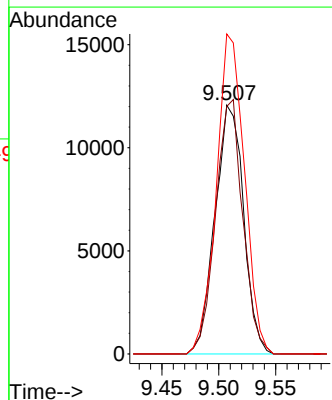
Tgt Ion:117 Resp: 21078

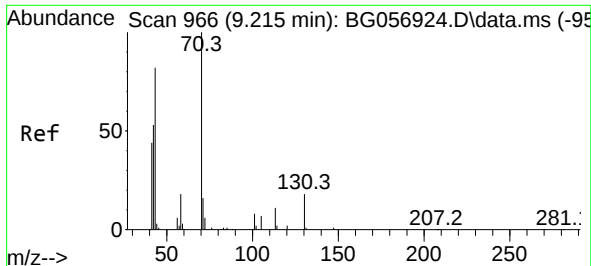
Ion Ratio Lower Upper

117 100

119 99.4 67.0 100.6

201 128.6 98.7 148.1

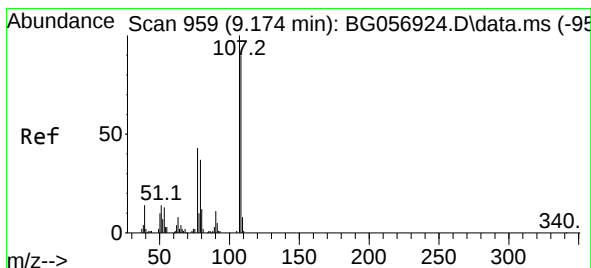
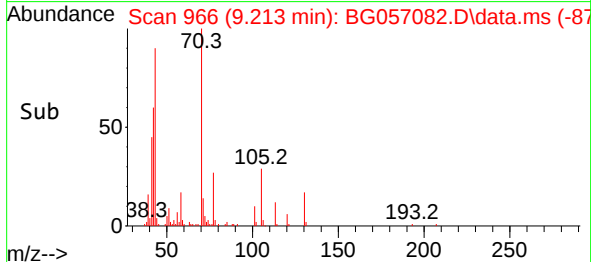
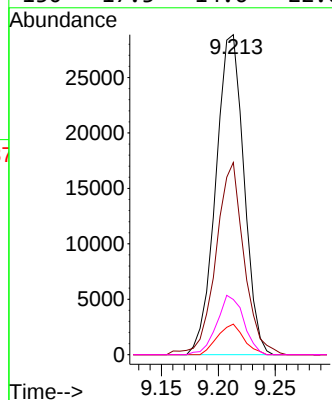
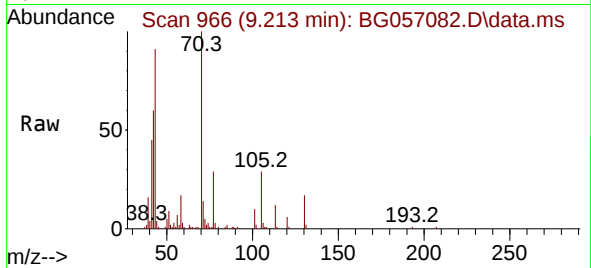




#19
n-Nitroso-di-n-propylamine
Concen: 39.502 ng
RT: 9.213 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

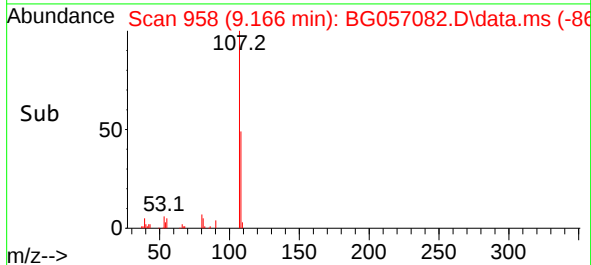
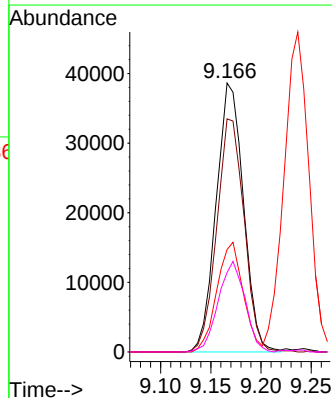
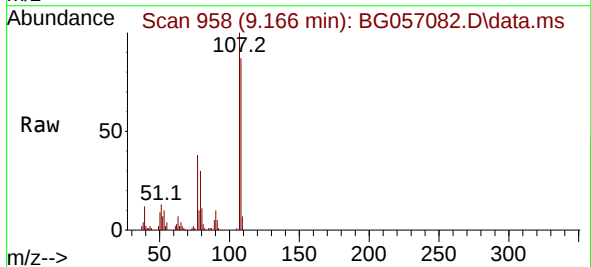
Instrument :
BNA_G
ClientSampleId :
PB152099BS

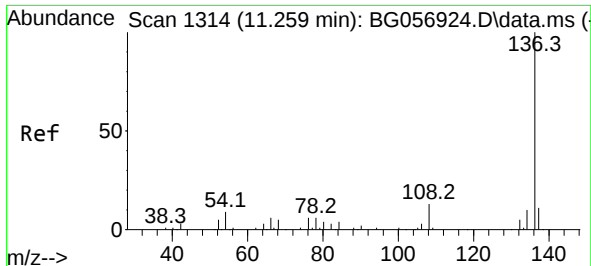
Tgt Ion: 70 Resp: 49656
Ion Ratio Lower Upper
70 100
42 60.0 43.4 65.0
101 9.5 6.2 9.2#
130 17.3 14.6 22.0



#20
3+4-Methylphenols
Concen: 42.016 ng
RT: 9.166 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 107 Resp: 72992
Ion Ratio Lower Upper
107 100
108 86.7 69.9 109.9
77 38.0 22.7 62.7
79 29.5 16.5 56.5

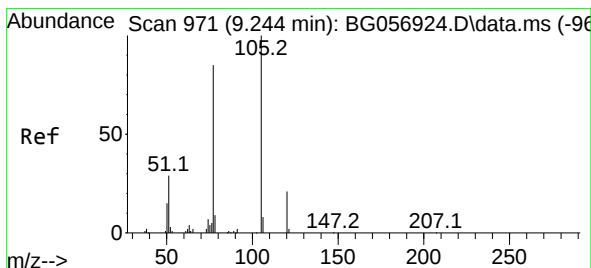
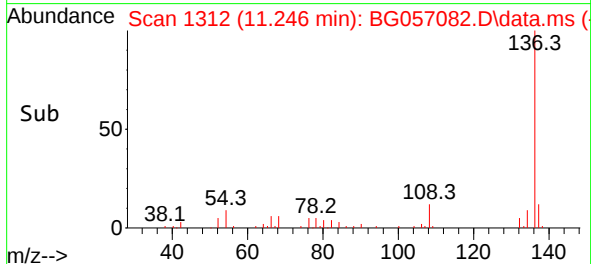
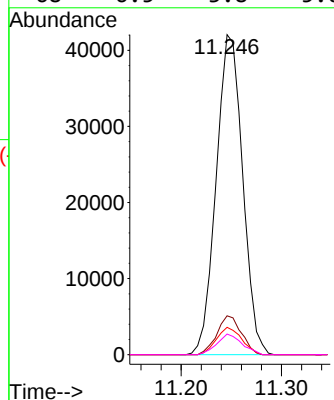
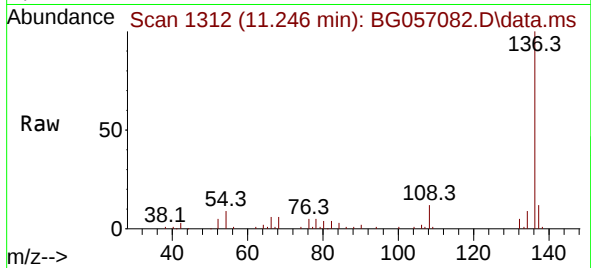




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

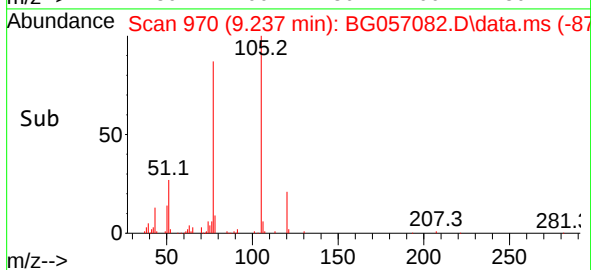
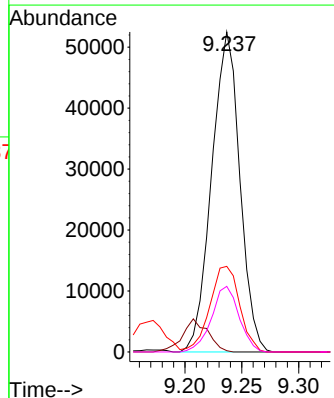
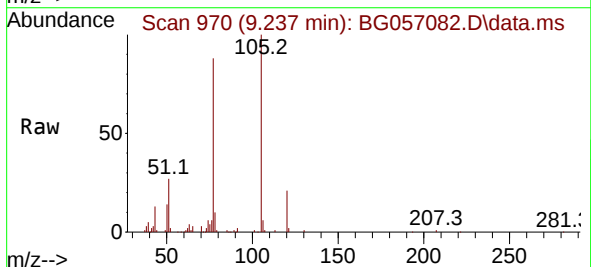
Instrument :
BNA_G
ClientSampleId :
PB152099BS

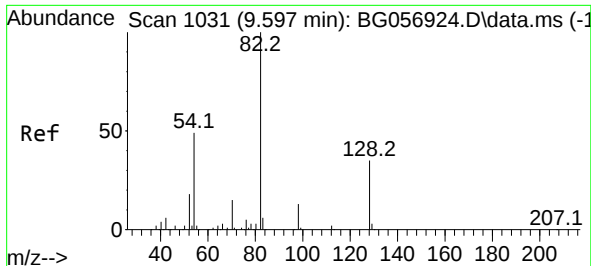
Tgt Ion:136 Resp: 77073
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 8.5 6.9 10.3
68 6.5 3.8 5.6#



#22
Acetophenone
Concen: 39.417 ng
RT: 9.237 min Scan# 970
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:105 Resp: 90399
Ion Ratio Lower Upper
105 100
71 0.4 0.7 1.1#
51 26.7 23.8 35.8
120 20.5 17.0 25.4

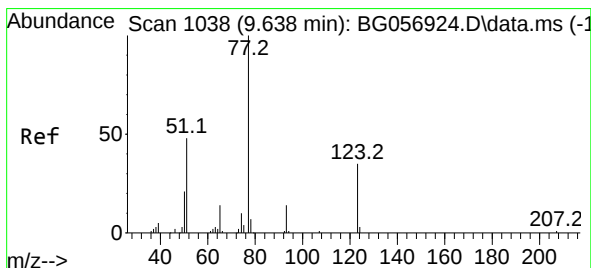
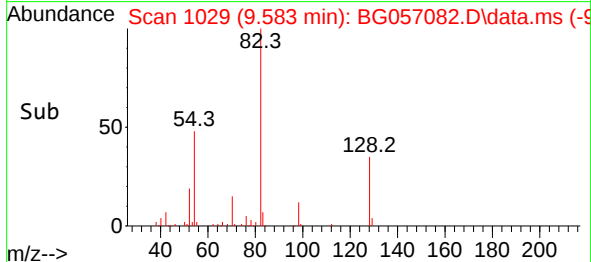
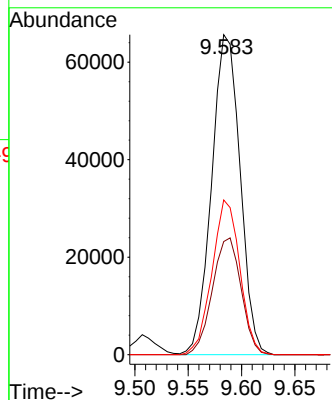
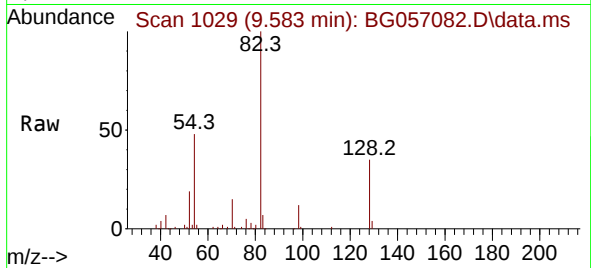




#23
Nitrobenzene-d5
Concen: 64.632 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

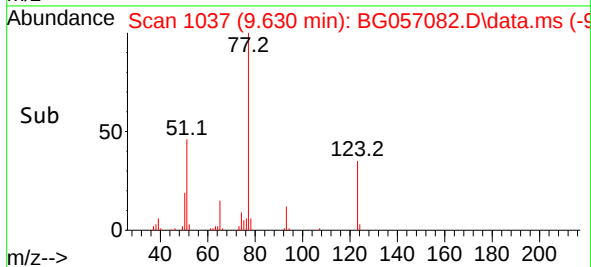
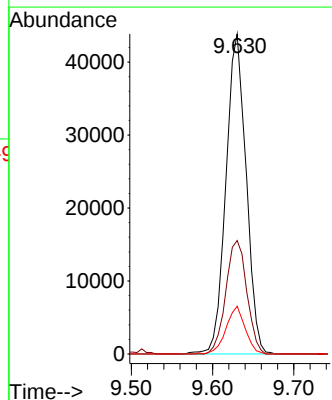
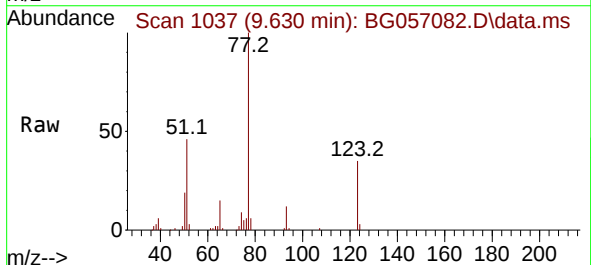
Instrument :
BNA_G
ClientSampleId :
PB152099BS

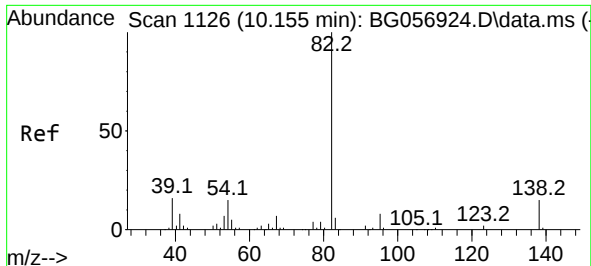
Tgt Ion: 82 Resp: 121741
Ion Ratio Lower Upper
82 100
128 35.3 27.9 41.9
54 48.4 39.4 59.2



#24
Nitrobenzene
Concen: 39.277 ng
RT: 9.630 min Scan# 1037
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 77 Resp: 75640
Ion Ratio Lower Upper
77 100
123 35.5 27.6 41.4
65 14.9 11.5 17.3

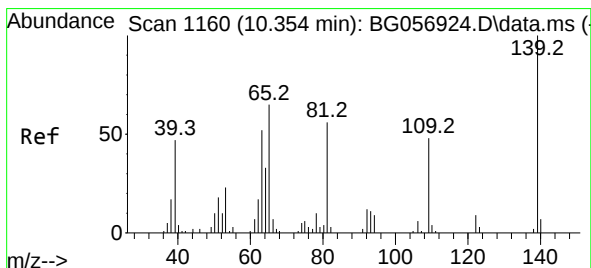
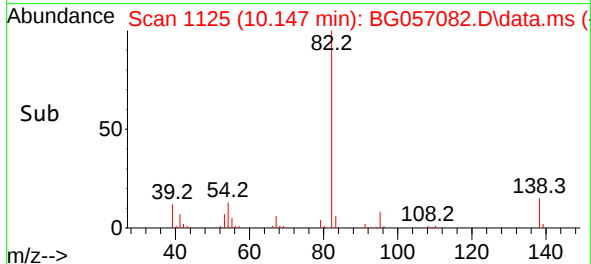
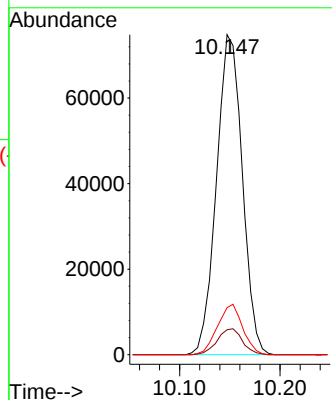
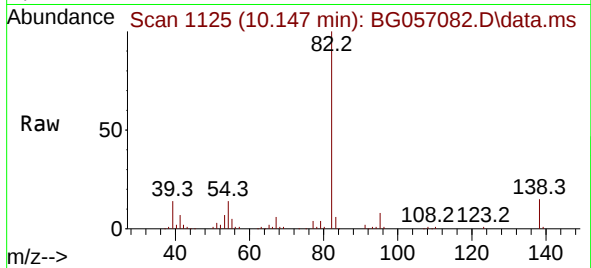




#25
Isophorone
Concen: 37.247 ng
RT: 10.147 min Scan# 1125
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

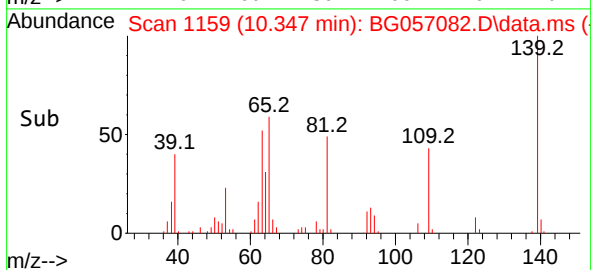
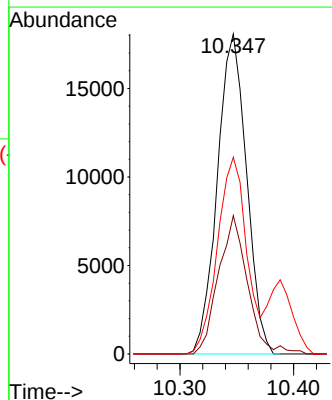
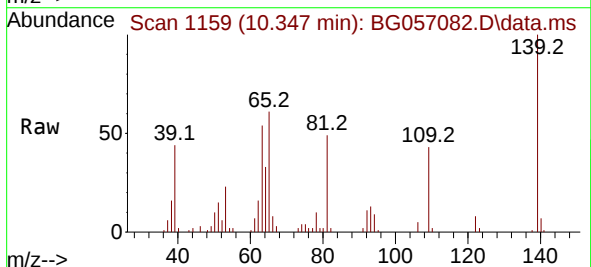
Instrument :
BNA_G
ClientSampleId :
PB152099BS

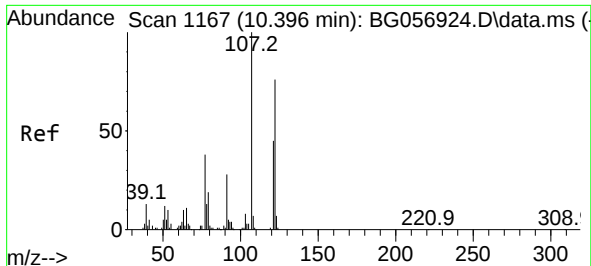
Tgt Ion: 82 Resp: 133602
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 14.7 11.8 17.8



#26
2-Nitrophenol
Concen: 43.391 ng
RT: 10.347 min Scan# 1159
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 139 Resp: 32254
Ion Ratio Lower Upper
139 100
109 43.2 38.2 57.4
65 61.4 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 42.785 ng

RT: 10.388 min Scan# 1166

Delta R.T. 0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

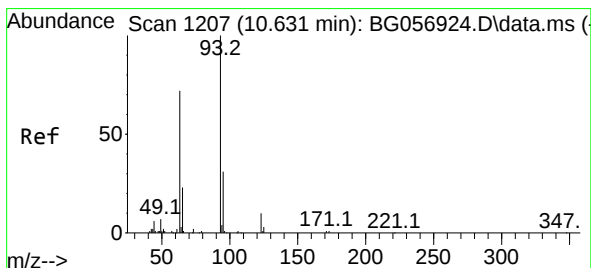
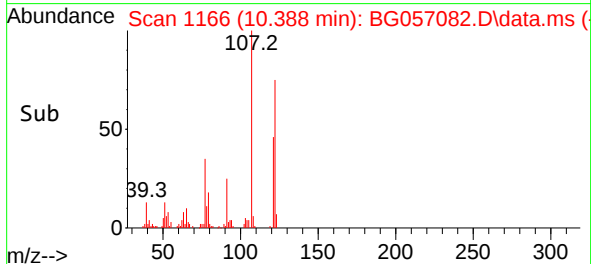
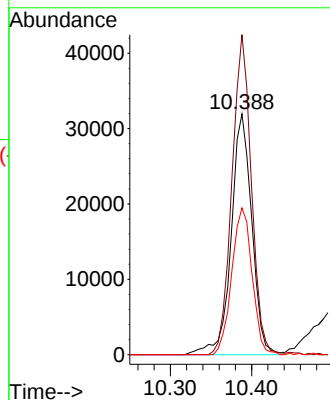
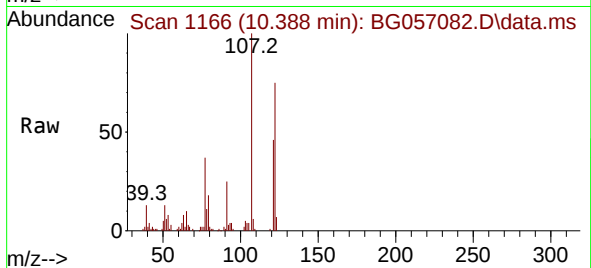
Tgt Ion:122 Resp: 56152

Ion Ratio Lower Upper

122 100

107 132.9 105.7 158.5

121 61.0 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.090 ng

RT: 10.623 min Scan# 1206

Delta R.T. 0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

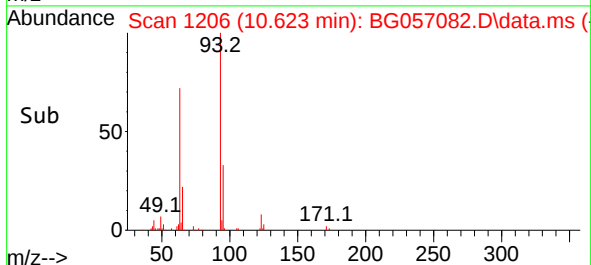
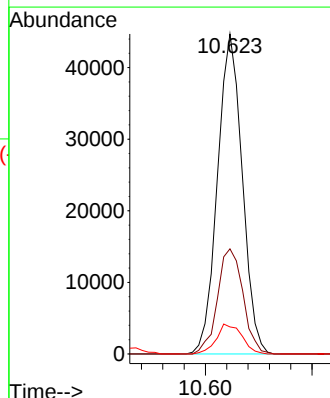
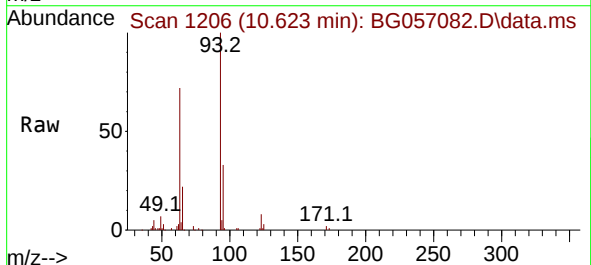
Tgt Ion: 93 Resp: 71992

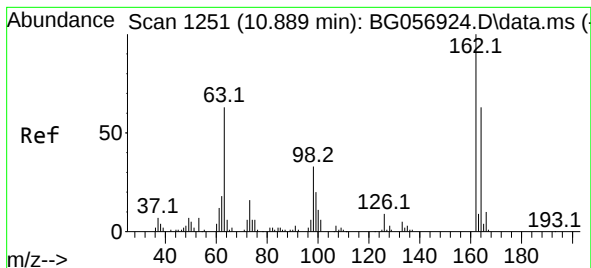
Ion Ratio Lower Upper

93 100

95 32.9 24.6 37.0

123 8.5 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 41.654 ng

RT: 10.887 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

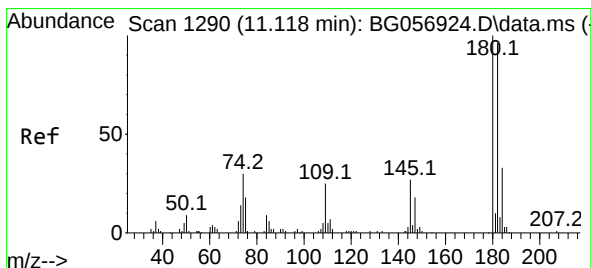
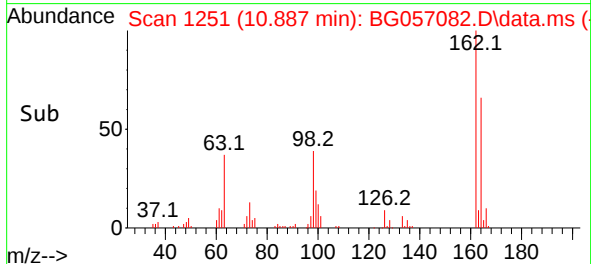
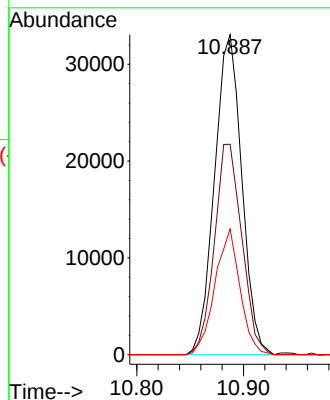
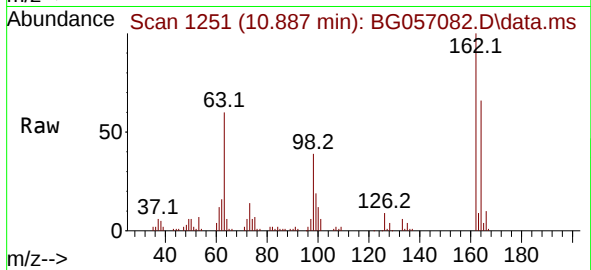
Tgt Ion:162 Resp: 58793

Ion Ratio Lower Upper

162 100

164 65.7 43.4 83.4

98 39.3 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 40.725 ng

RT: 11.105 min Scan# 1288

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

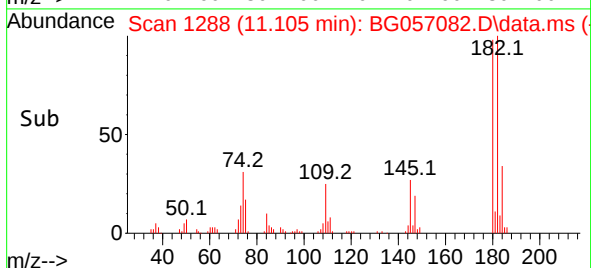
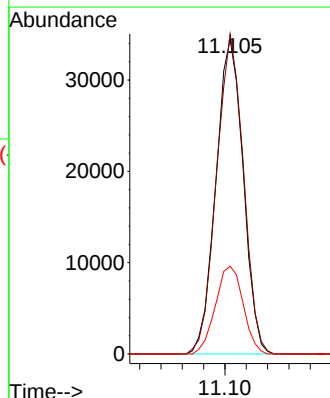
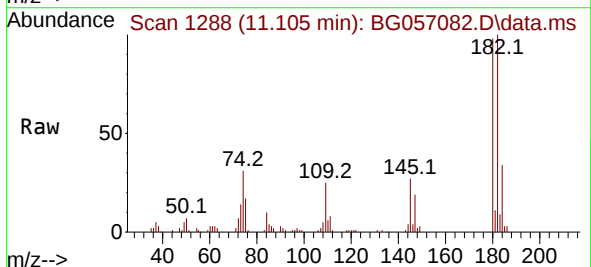
Tgt Ion:180 Resp: 61075

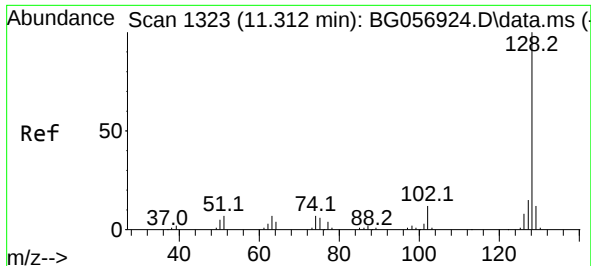
Ion Ratio Lower Upper

180 100

182 101.8 77.1 115.7

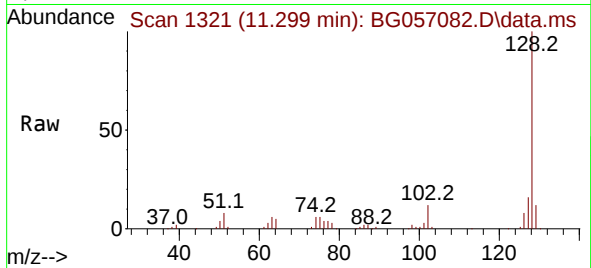
145 27.9 21.3 31.9



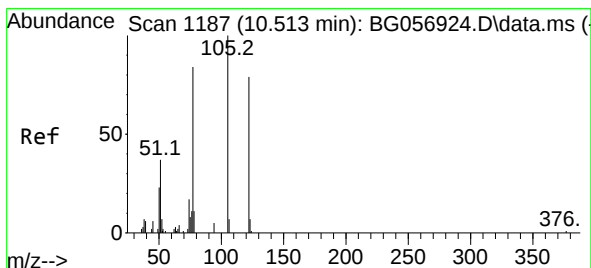
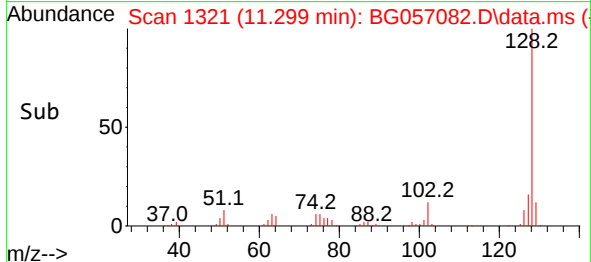
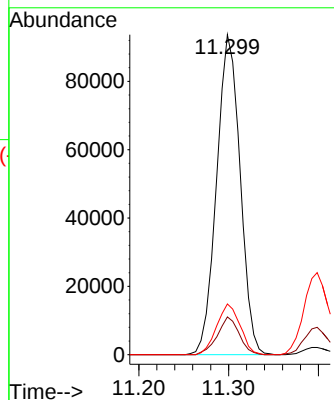


#31
Naphthalene
Concen: 40.521 ng
RT: 11.299 min Scan# 1190
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Instrument :
BNA_G
ClientSampleId :
PB152099BS

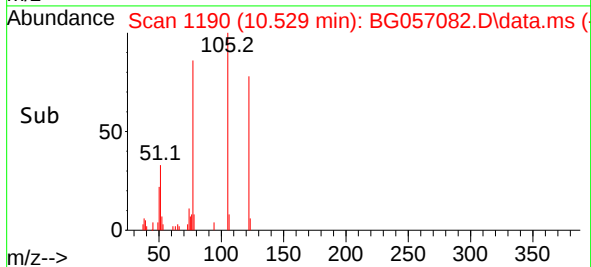
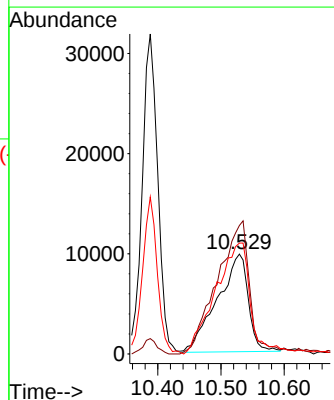
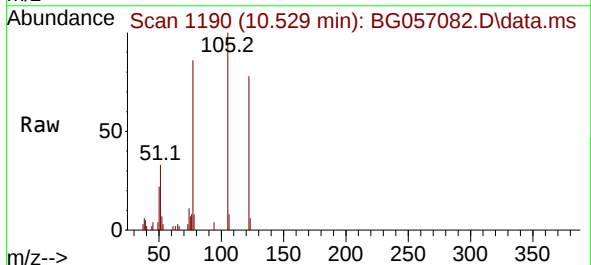


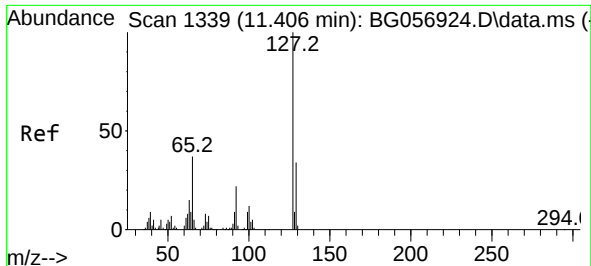
Tgt Ion:128 Resp: 170227
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 15.8 12.2 18.4



#32
Benzoic acid
Concen: 36.869 ng
RT: 10.529 min Scan# 1190
Delta R.T. 0.021 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:122 Resp: 33238
Ion Ratio Lower Upper
122 100
105 128.8 105.4 145.4
77 111.1 87.4 127.4

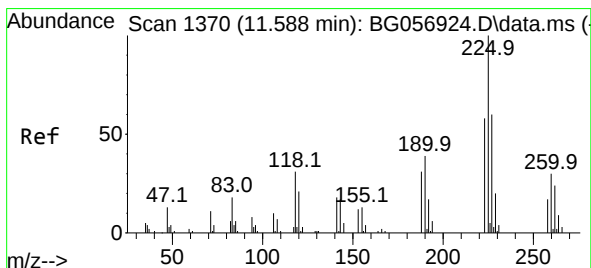
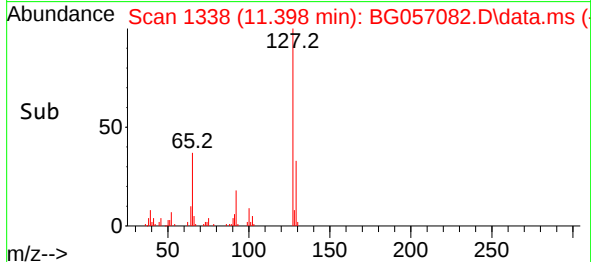
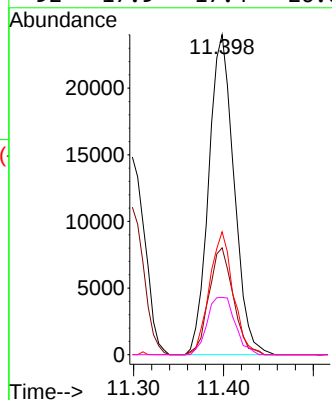
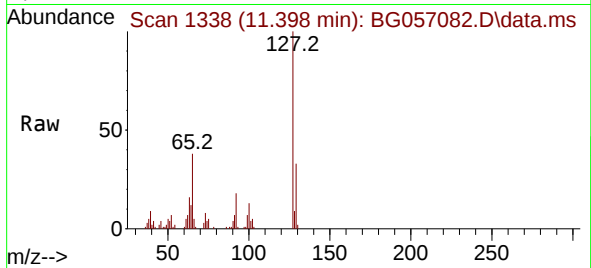




#33
4-Chloroaniline
Concen: 24.753 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

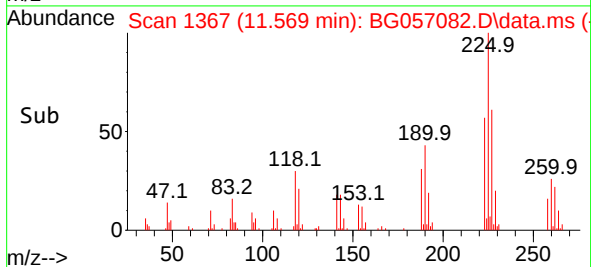
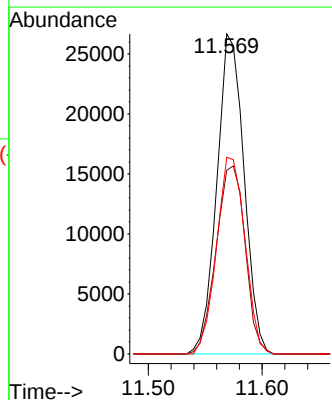
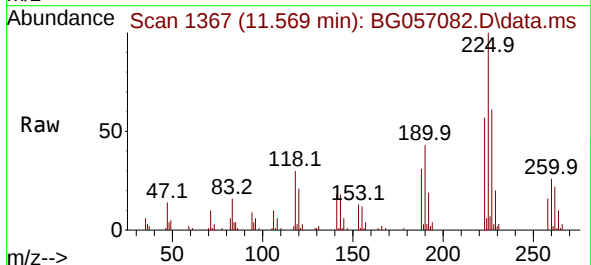
Instrument :
BNA_G
ClientSampleId :
PB152099BS

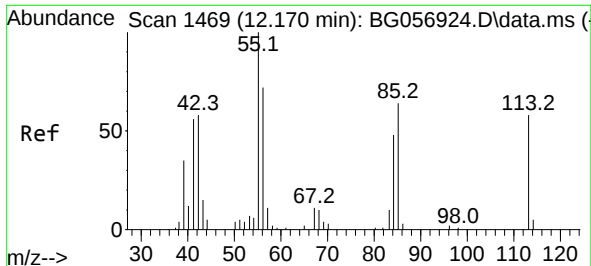
Tgt Ion:	127	Resp:	46966
Ion Ratio	Lower	Upper	
127	100		
129	33.4	27.6	41.4
65	38.4	29.8	44.8
92	17.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 39.322 ng
RT: 11.569 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:	225	Resp:	44298
Ion Ratio	Lower	Upper	
225	100		
223	57.4	46.4	69.6
227	61.4	48.0	72.0

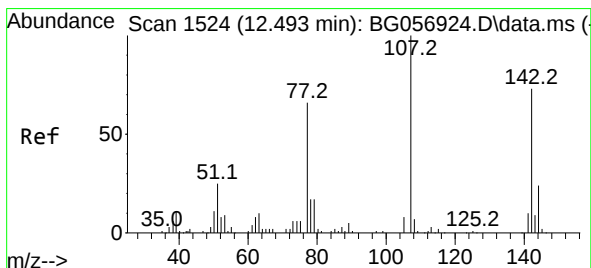
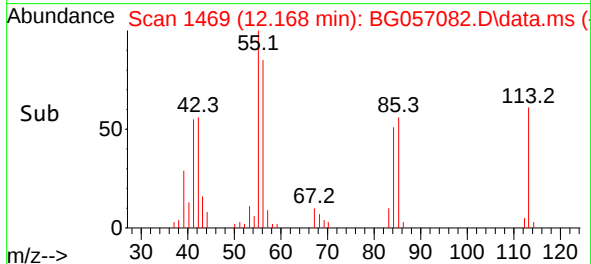
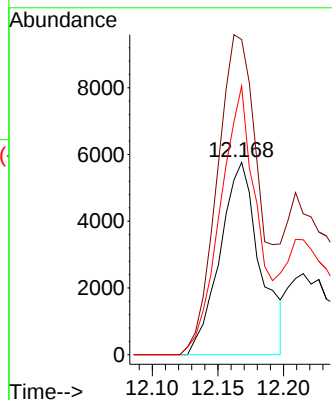
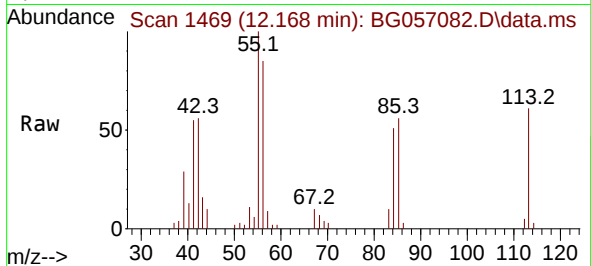




#35
 Caprolactam
 Concen: 24.998 ng
 RT: 12.168 min Scan# 1469
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

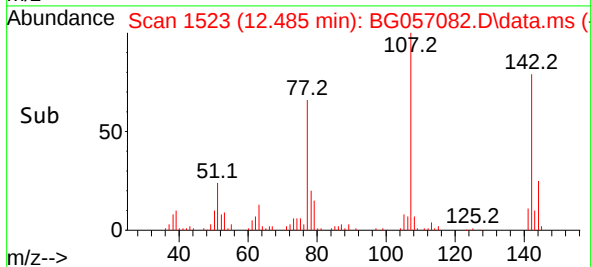
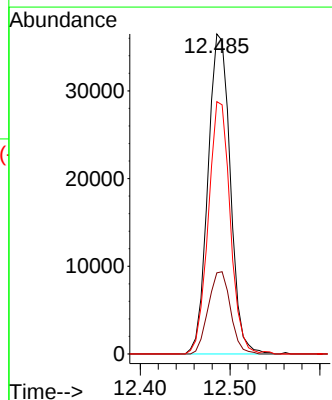
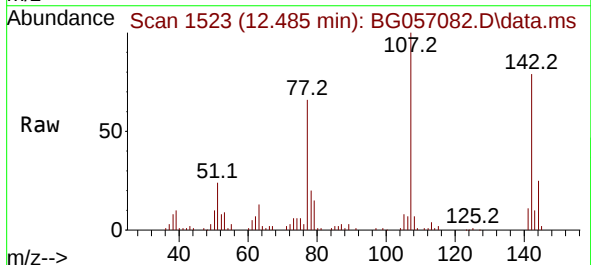
Instrument :
 BNA_G
 ClientSampleId :
 PB152099BS

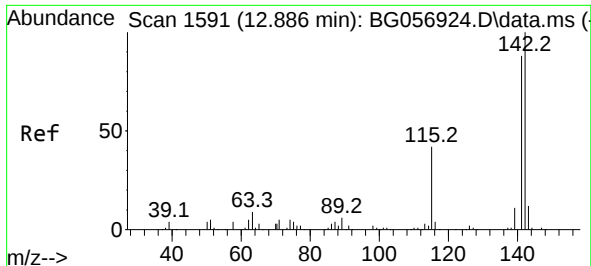
Tgt Ion:113 Resp: 12168
 Ion Ratio Lower Upper
 113 100
 55 163.9 151.6 191.6
 56 139.6 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.819 ng
 RT: 12.485 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion:107 Resp: 62852
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 78.9 58.6 88.0

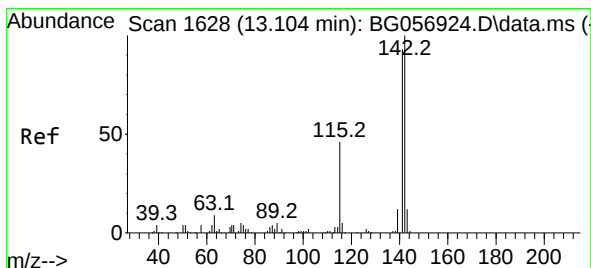
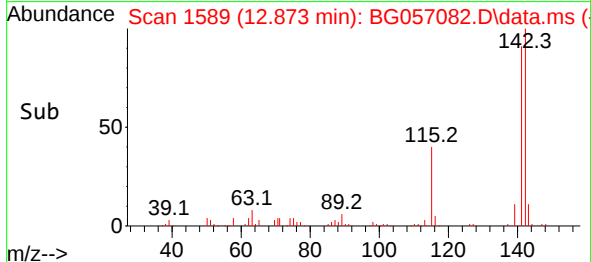
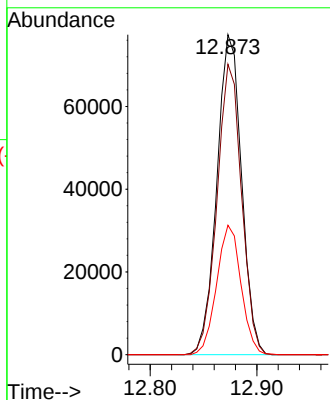
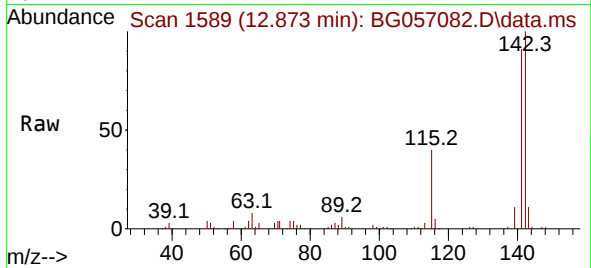




#37
2-Methylnaphthalene
Concen: 37.250 ng
RT: 12.873 min Scan# 1589
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

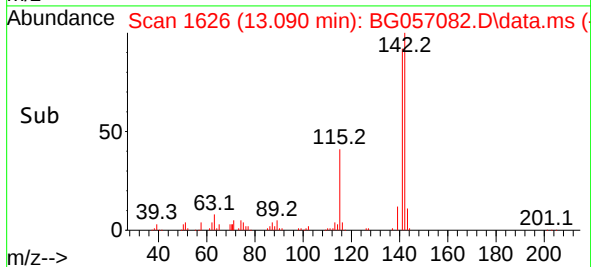
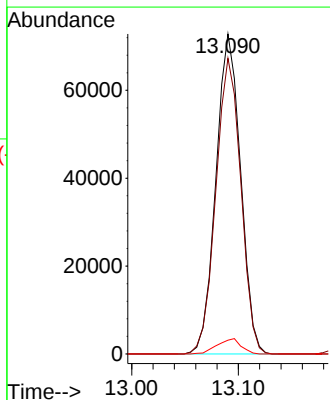
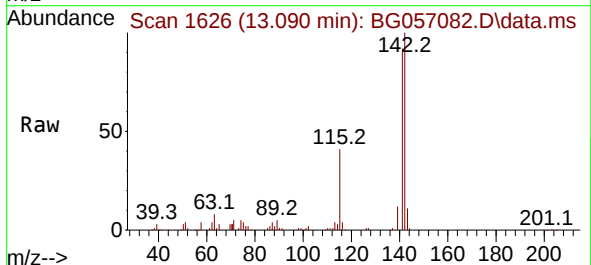
Instrument :
BNA_G
ClientSampleId :
PB152099BS

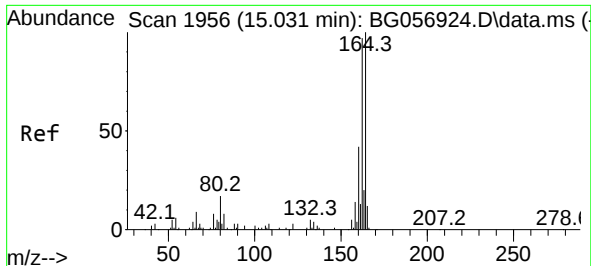
Tgt Ion:142 Resp: 124198
Ion Ratio Lower Upper
142 100
141 90.8 70.3 105.5
115 40.5 33.5 50.3



#38
1-Methylnaphthalene
Concen: 37.326 ng
RT: 13.090 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:142 Resp: 116860
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0
116 4.3 3.7 5.5

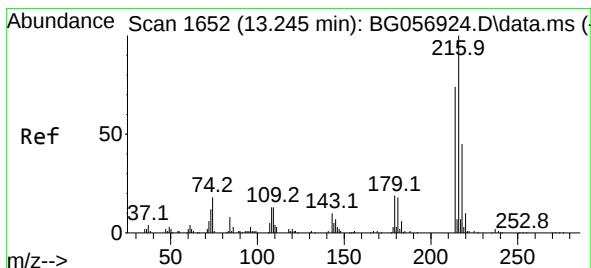
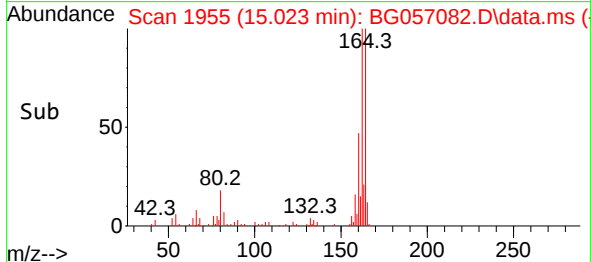
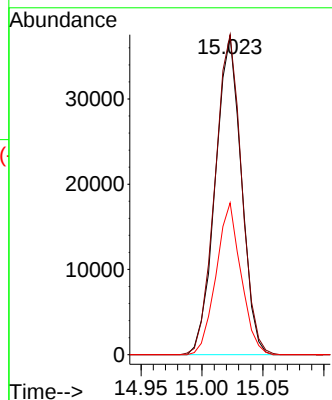
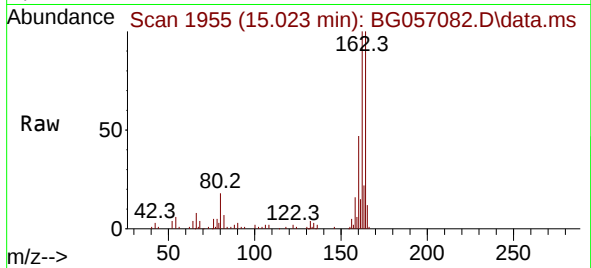




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.023 min Scan# 1955
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

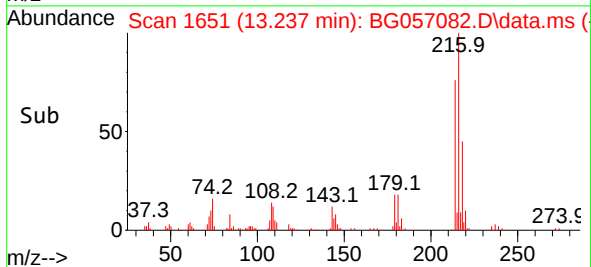
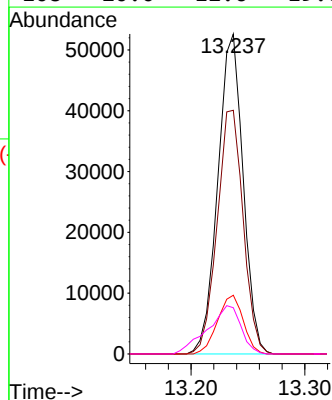
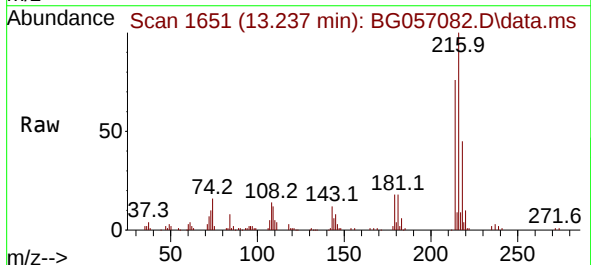
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 PB152099BS

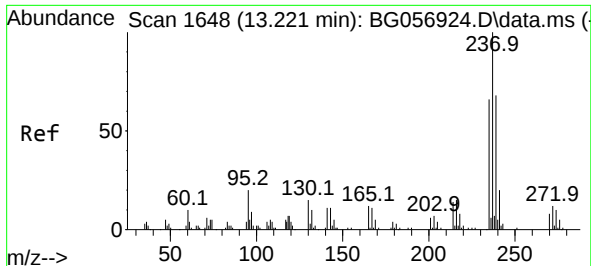
Tgt Ion:164 Resp: 55460
 Ion Ratio Lower Upper
 164 100
 162 100.5 77.8 116.8
 160 47.7 33.5 50.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.206 ng
 RT: 13.237 min Scan# 1651
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion:216 Resp: 81171
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.3 94.9
 179 18.7 15.0 22.6
 108 20.0 12.6 19.0#

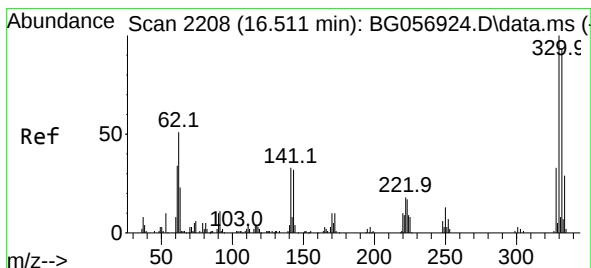
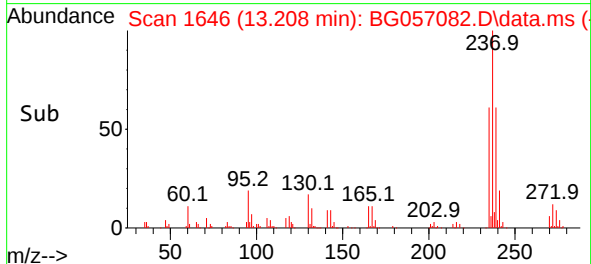
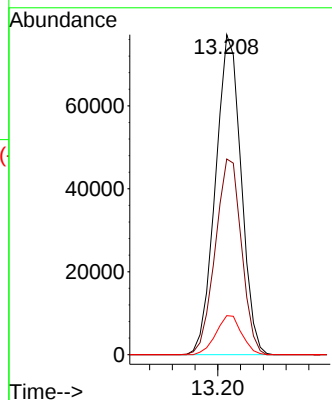
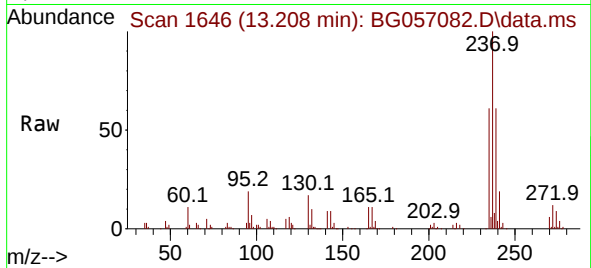




#41
Hexachlorocyclopentadiene
Concen: 114.098 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

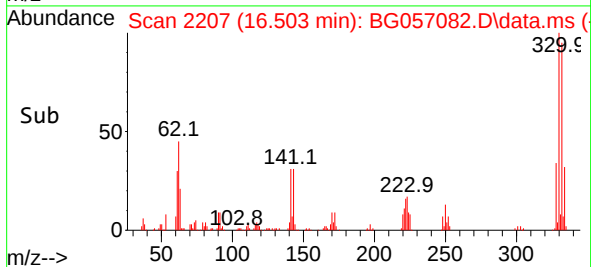
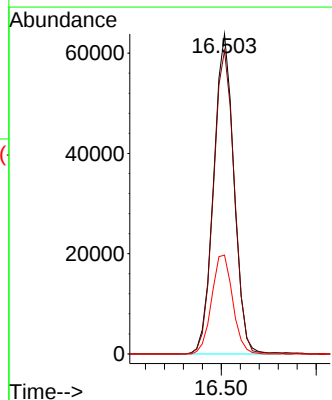
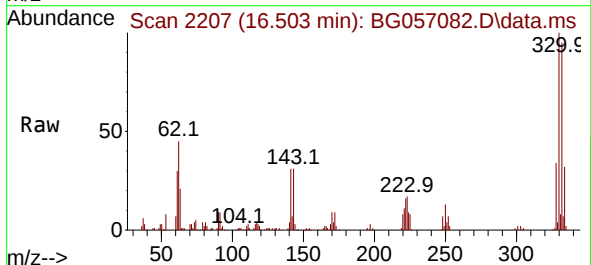
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ClientSampleId :
PB152099BS

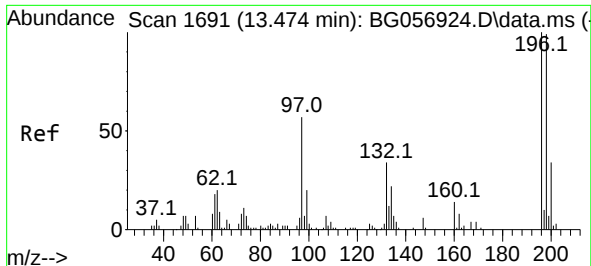
Tgt Ion:237 Resp: 120902
Ion Ratio Lower Upper
237 100
235 61.2 45.9 85.9
272 12.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 106.963 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:330 Resp: 94768
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 32.0 25.8 38.6

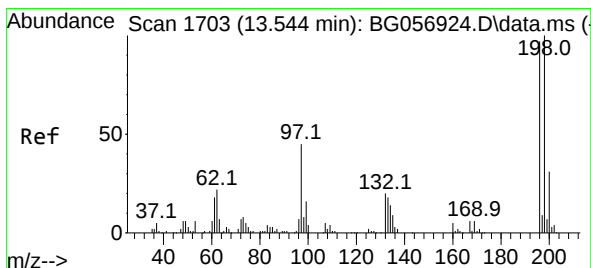
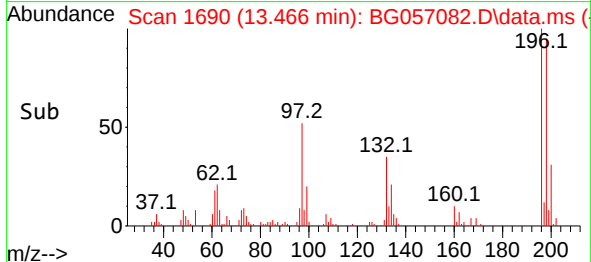
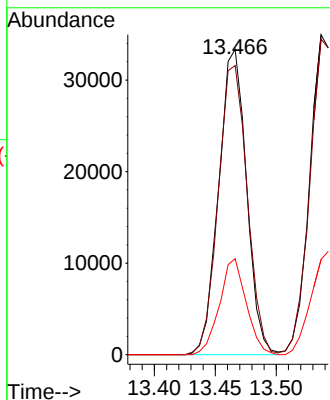
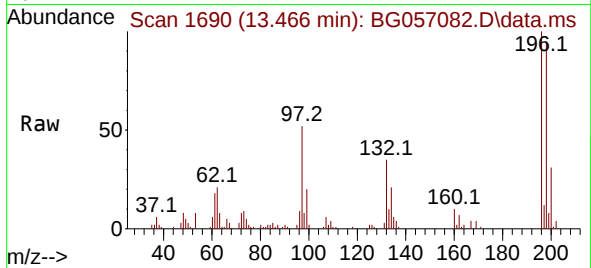




#43
 2,4,6-Trichlorophenol
 Concen: 43.214 ng
 RT: 13.466 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

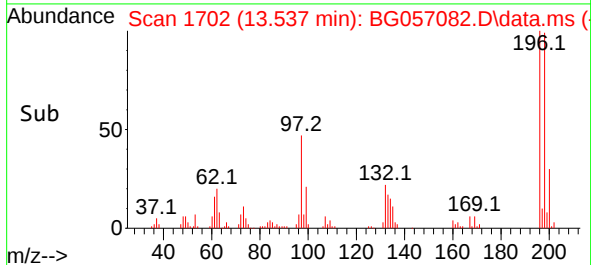
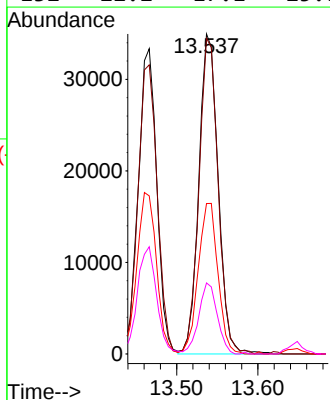
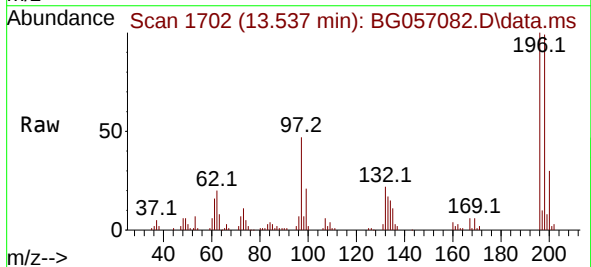
Instrument :
 BNA_G
 ClientSampleId :
 PB152099BS

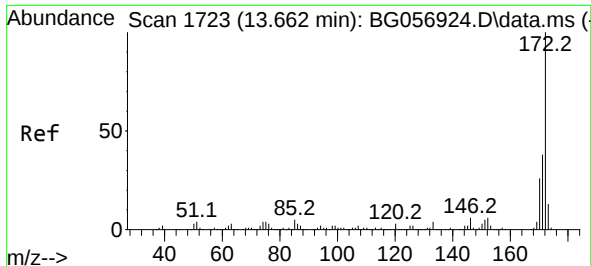
Tgt Ion:196 Resp: 53035
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.1 118.7
 200 31.4 27.2 40.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.666 ng
 RT: 13.537 min Scan# 1702
 Delta R.T. -0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion:196 Resp: 57670
 Ion Ratio Lower Upper
 196 100
 198 98.6 82.5 123.7
 97 47.0 37.0 55.6
 132 22.2 17.1 25.7

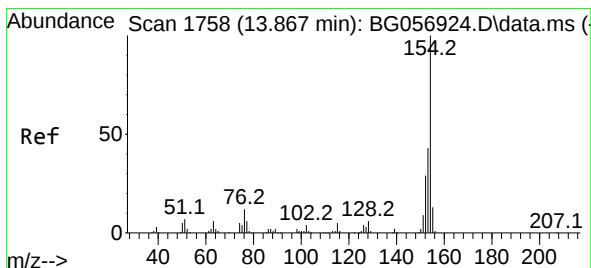
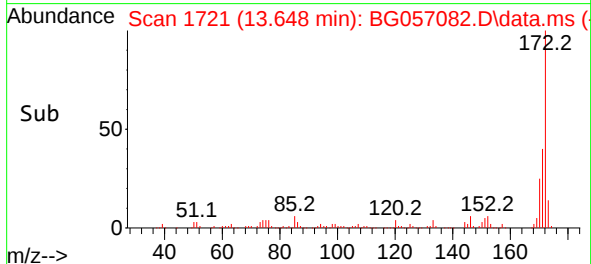
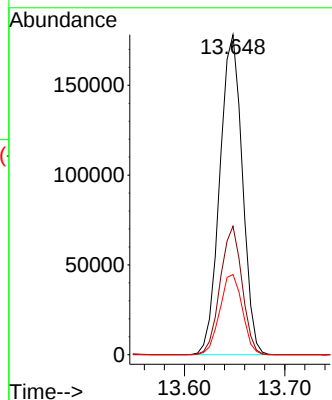
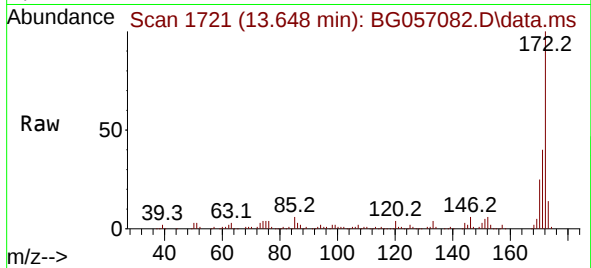




#45
2-Fluorobiphenyl
Concen: 67.822 ng
RT: 13.648 min Scan# 1721
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

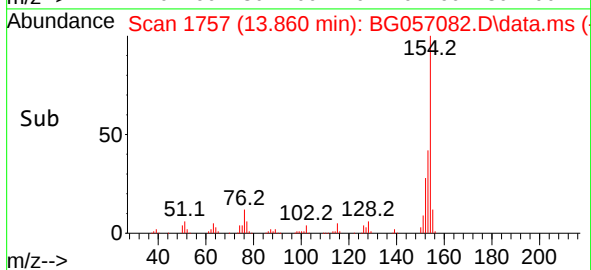
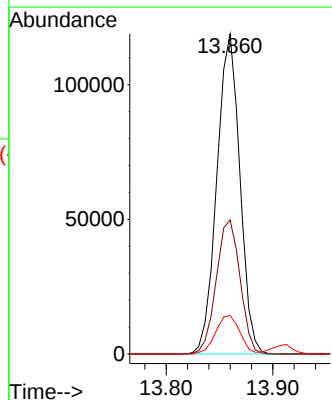
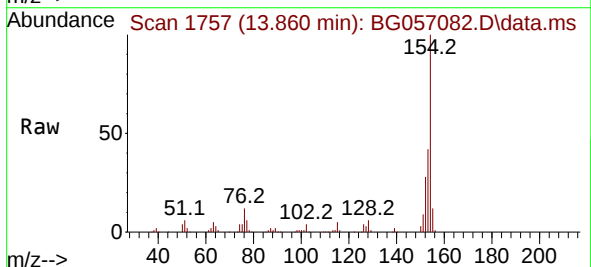
Instrument :
BNA_G
ClientSampleId :
PB152099BS

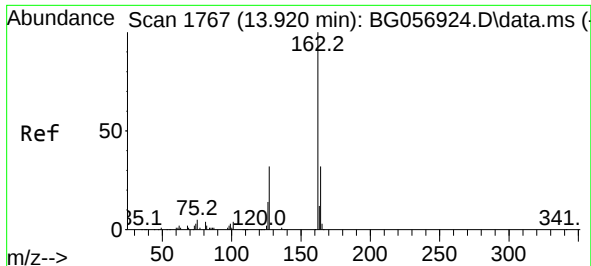
Tgt Ion:172 Resp: 277388
Ion Ratio Lower Upper
172 100
171 40.2 30.6 46.0
170 25.1 20.6 30.8



#46
1,1'-Biphenyl
Concen: 43.782 ng
RT: 13.860 min Scan# 1757
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:154 Resp: 177748
Ion Ratio Lower Upper
154 100
153 41.9 23.4 63.4
76 12.0 0.0 31.6

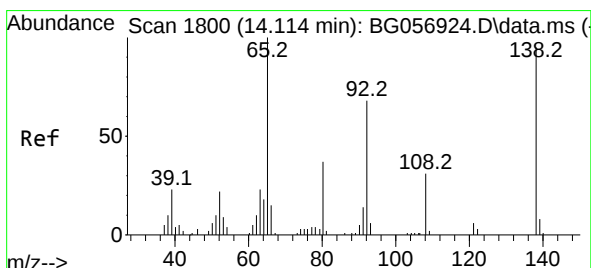
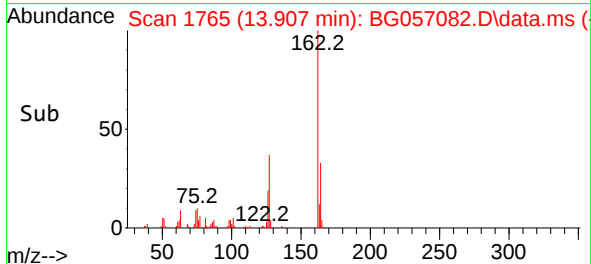
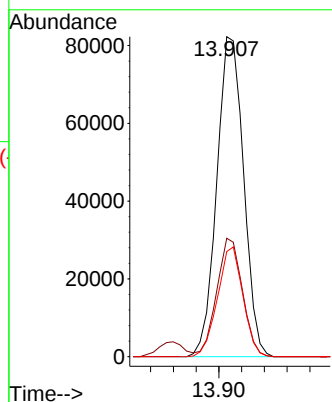
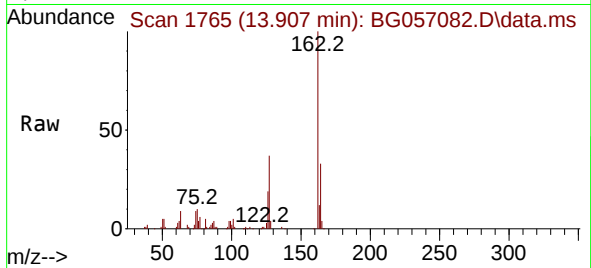




#47
2-Chloronaphthalene
Concen: 44.894 ng
RT: 13.907 min Scan# 1765
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

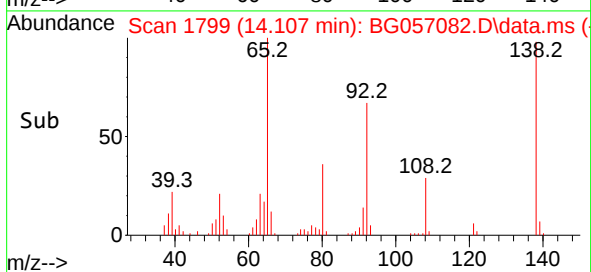
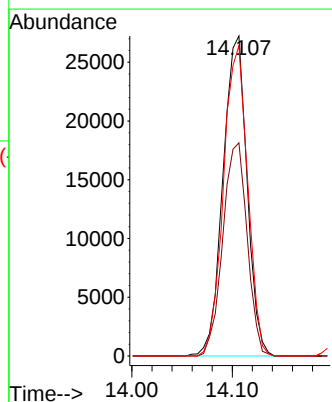
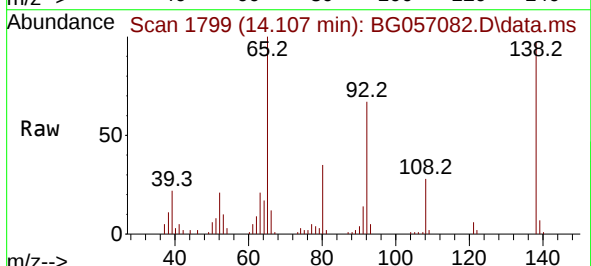
Instrument :
BNA_G
ClientSampleId :
PB152099BS

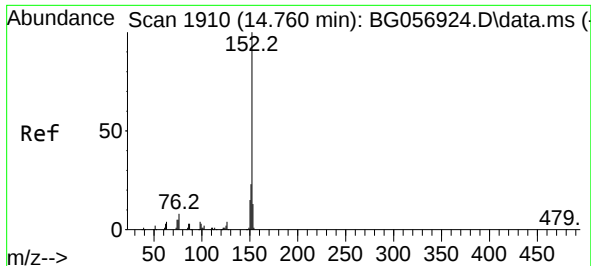
Tgt Ion:162 Resp: 134801
Ion Ratio Lower Upper
162 100
127 37.0 29.5 44.3
164 32.8 25.5 38.3



#48
2-Nitroaniline
Concen: 42.253 ng
RT: 14.107 min Scan# 1799
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion: 65 Resp: 45365
Ion Ratio Lower Upper
65 100
92 66.6 54.3 81.5
138 96.9 76.0 114.0

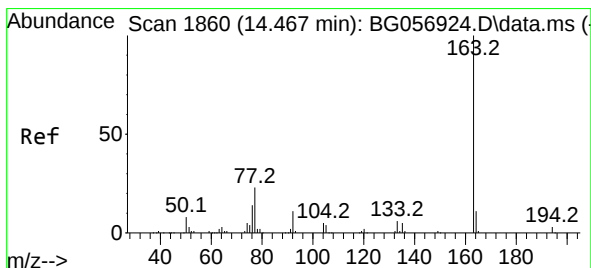
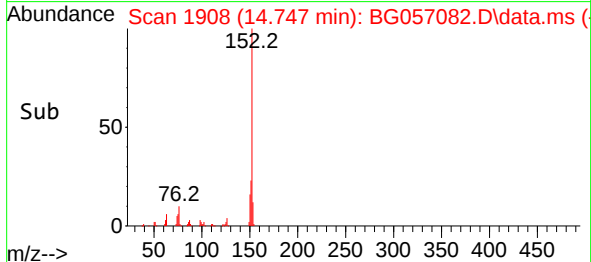
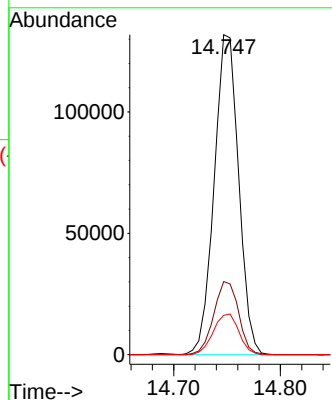
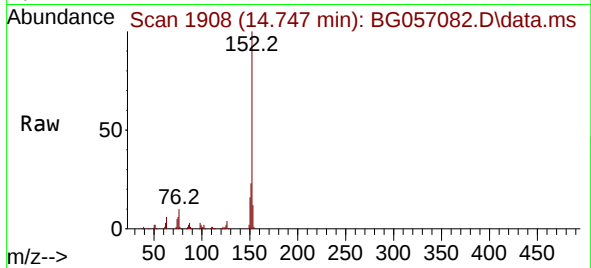




#49
Acenaphthylene
Concen: 42.516 ng
RT: 14.747 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

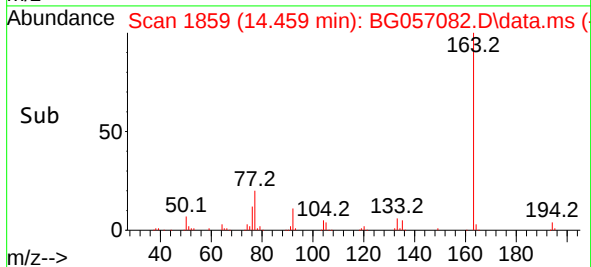
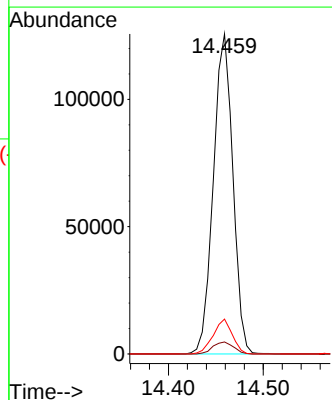
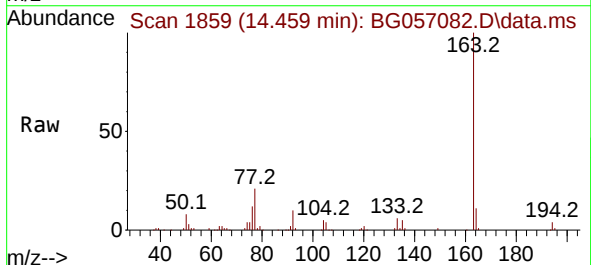
Instrument :
BNA_G
ClientSampleId :
PB152099BS

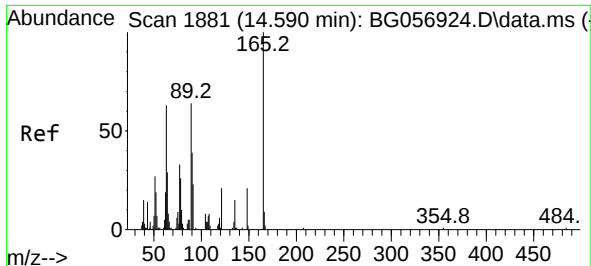
Tgt Ion:152 Resp: 209749
Ion Ratio Lower Upper
152 100
151 22.8 18.2 27.2
153 12.3 10.5 15.7



#50
Dimethylphthalate
Concen: 41.080 ng
RT: 14.459 min Scan# 1859
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:163 Resp: 179514
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.9 8.8 13.2

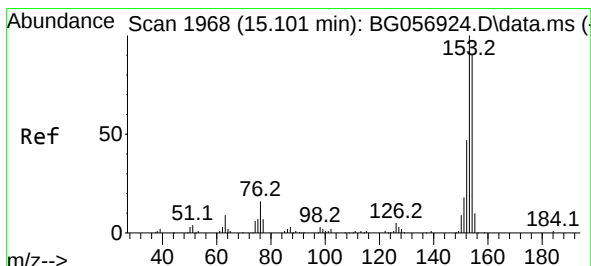
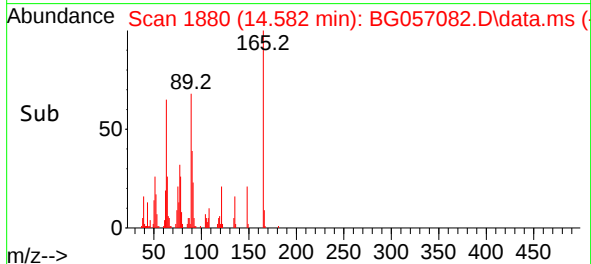
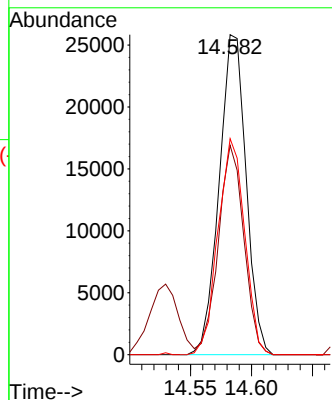
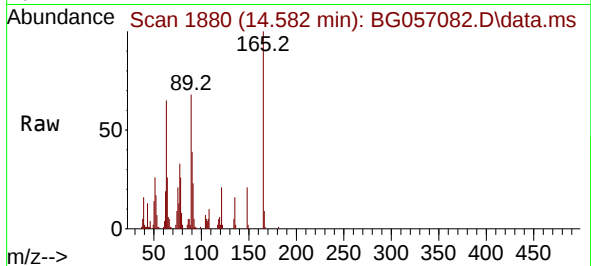




#51
2,6-Dinitrotoluene
Concen: 42.085 ng
RT: 14.582 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

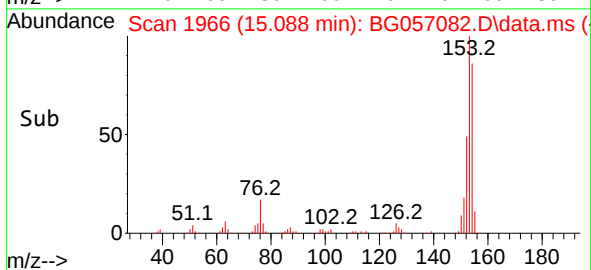
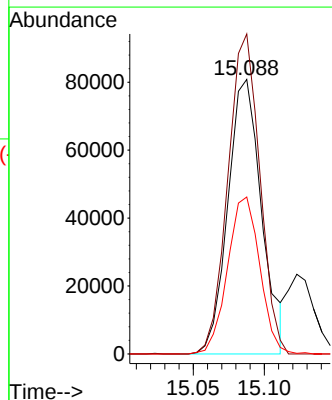
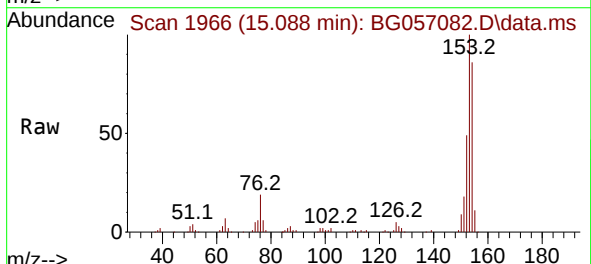
Instrument :
BNA_G
ClientSampleId :
PB152099BS

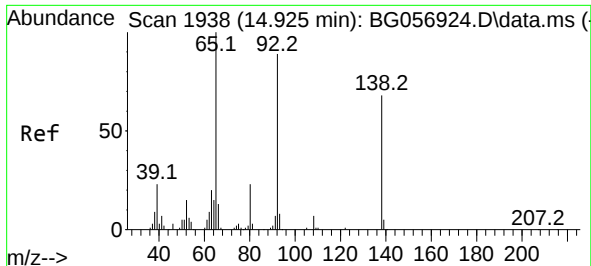
Tgt Ion:165 Resp: 39734
Ion Ratio Lower Upper
165 100
63 65.4 53.0 79.6
89 67.5 51.0 76.4



#52
Acenaphthene
Concen: 39.219 ng
RT: 15.088 min Scan# 1966
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:154 Resp: 133439
Ion Ratio Lower Upper
154 100
153 116.6 88.9 133.3
152 57.2 41.8 62.8

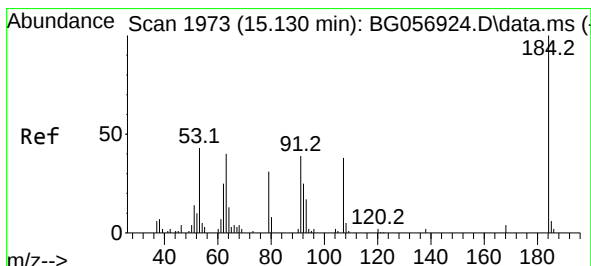
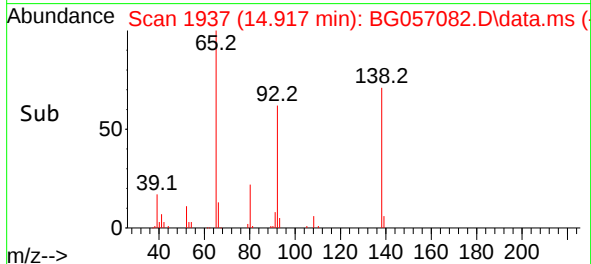
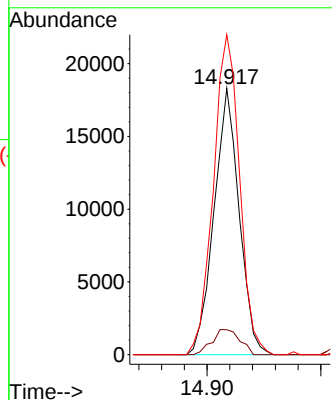
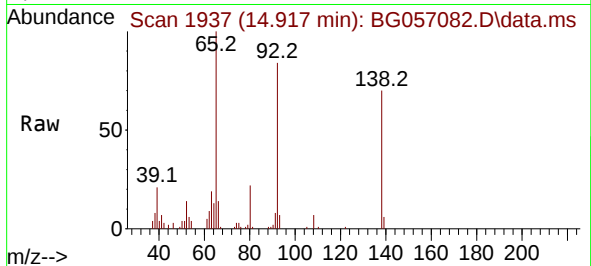




#53
3-Nitroaniline
Concen: 30.031 ng
RT: 14.917 min Scan# 1937
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

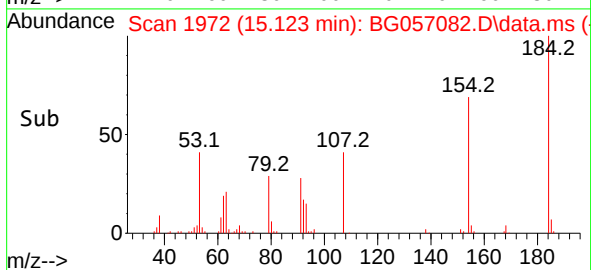
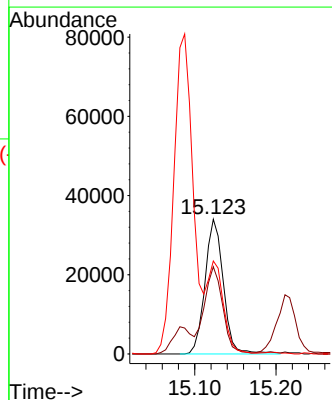
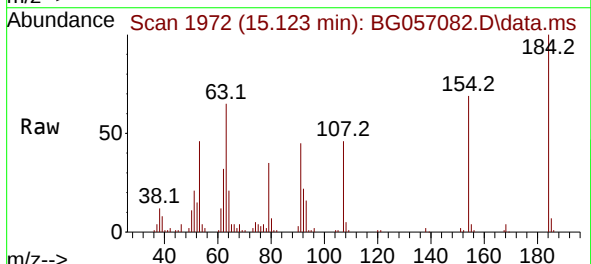
Instrument :
BNA_G
ClientSampleId :
PB152099BS

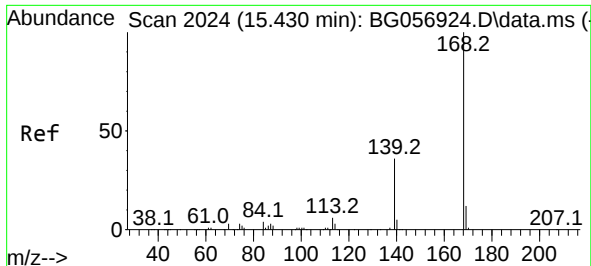
Tgt Ion:138 Resp: 28065
Ion Ratio Lower Upper
138 100
108 9.4 8.2 12.2
92 120.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 100.251 ng
RT: 15.123 min Scan# 1972
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:184 Resp: 53276
Ion Ratio Lower Upper
184 100
63 64.7 46.5 69.7
154 69.0 53.5 80.3

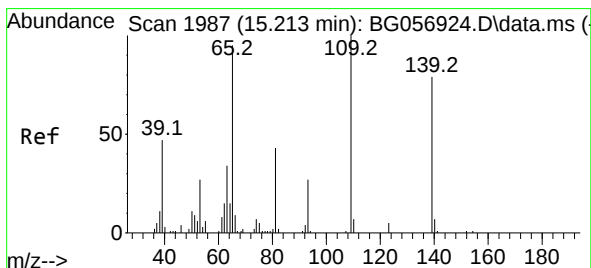
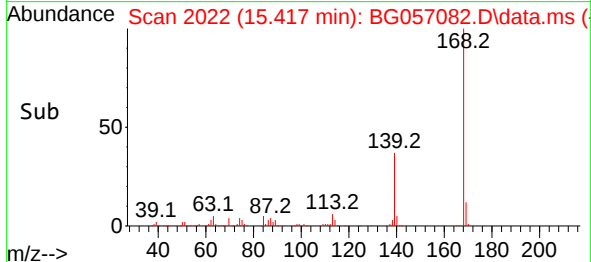
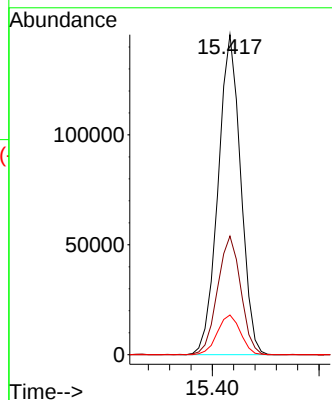
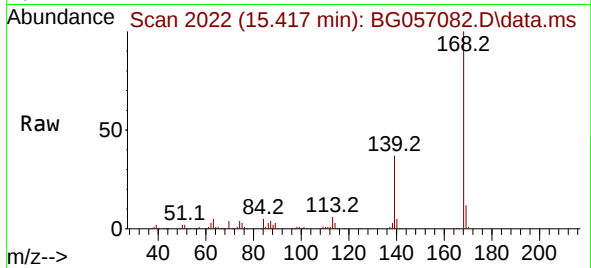




#55
Dibenzenofuran
Concen: 41.857 ng
RT: 15.417 min Scan# 20
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

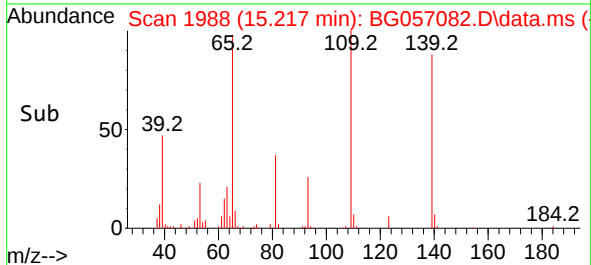
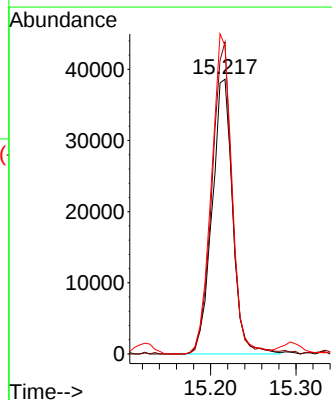
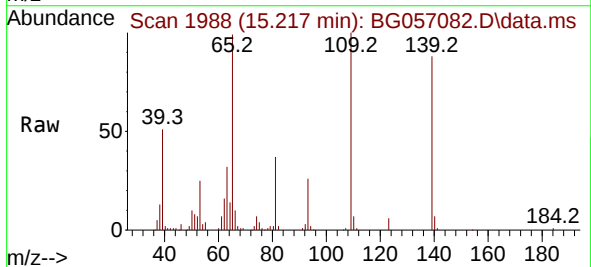
Instrument :
BNA_G
ClientSampleId :
PB152099BS

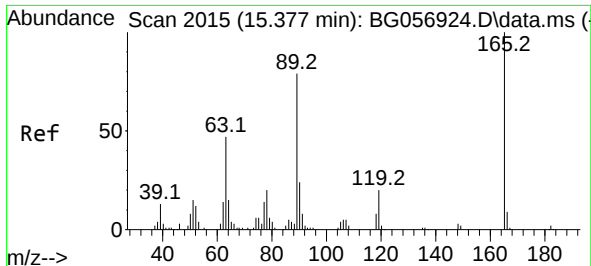
Tgt Ion:168 Resp: 213752
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 12.4 9.8 14.6



#56
4-Nitrophenol
Concen: 93.901 ng
RT: 15.217 min Scan# 1988
Delta R.T. 0.009 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:139 Resp: 64891
Ion Ratio Lower Upper
139 100
109 113.5 106.7 146.7
65 112.2 100.5 140.5

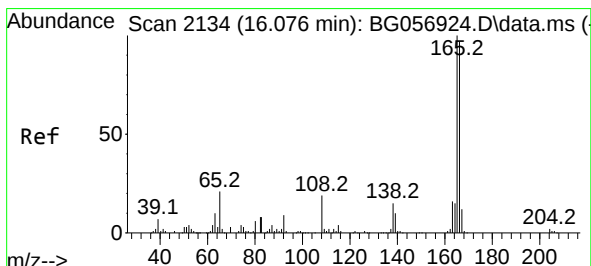
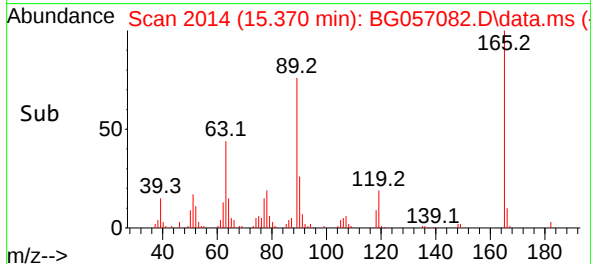
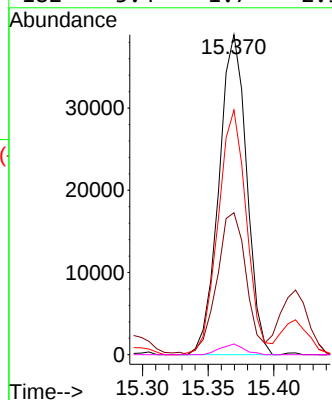
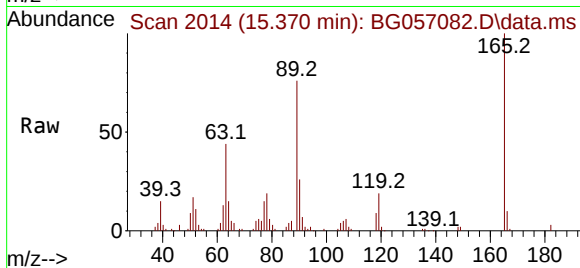




#57
2,4-Dinitrotoluene
Concen: 42.920 ng
RT: 15.370 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

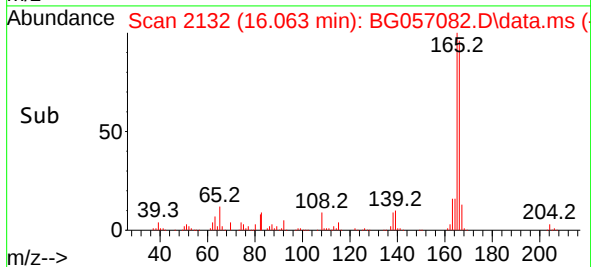
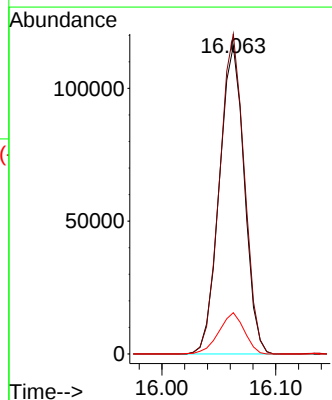
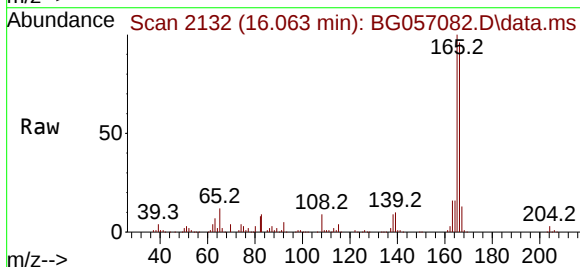
Instrument :
BNA_G
ClientSampleId :
PB152099BS

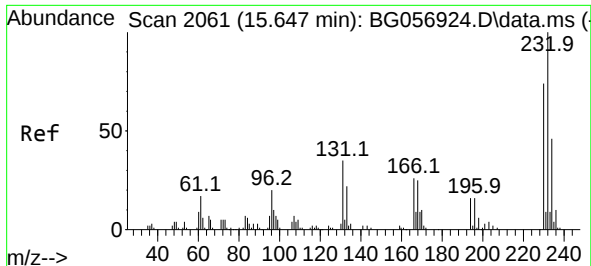
Tgt Ion:165 Resp: 57153
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 76.4 63.2 94.8
182 3.4 1.7 2.5#



#58
Fluorene
Concen: 41.844 ng
RT: 16.063 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:166 Resp: 176820
Ion Ratio Lower Upper
166 100
165 103.8 82.6 123.8
167 13.4 10.2 15.2

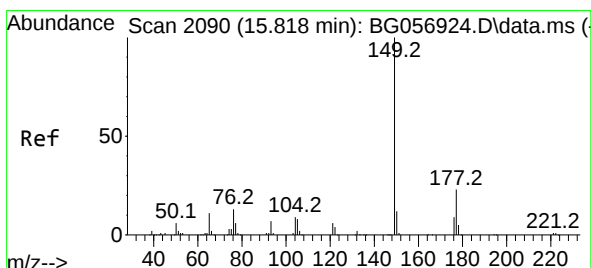
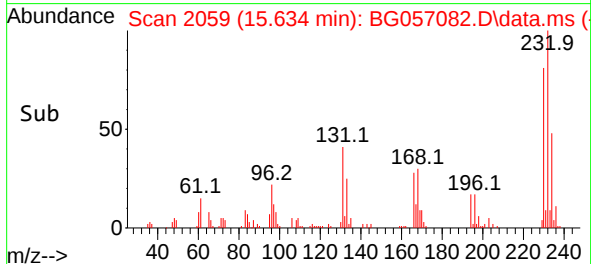
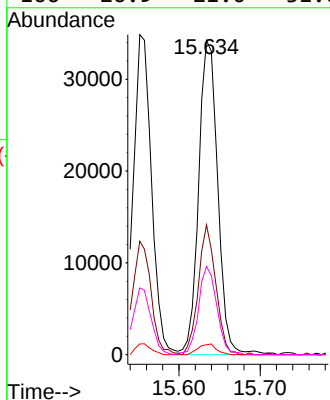
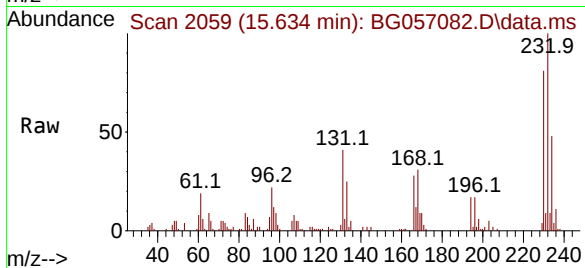




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.196 ng
RT: 15.634 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

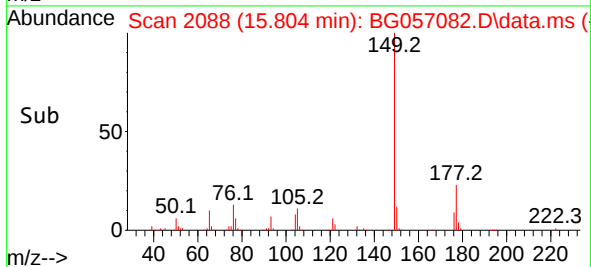
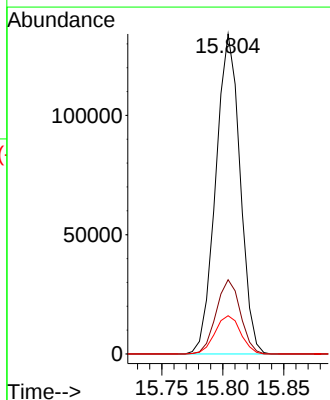
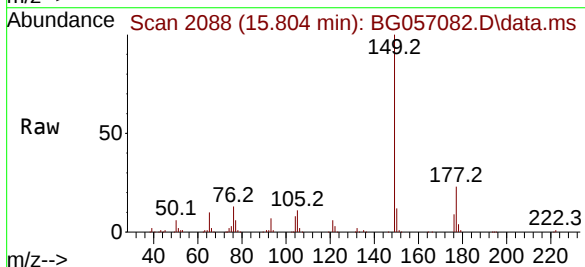
Instrument :
BNA_G
ClientSampleId :
PB152099BS

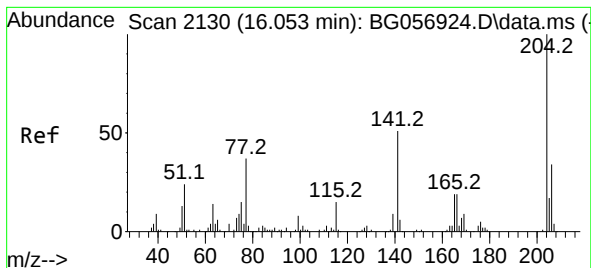
Tgt Ion:232 Resp: 55858
Ion Ratio Lower Upper
232 100
131 37.6 29.3 43.9
130 3.3 1.7 2.5#
166 26.9 21.0 31.6



#60
Diethylphthalate
Concen: 42.521 ng
RT: 15.804 min Scan# 2088
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:149 Resp: 186272
Ion Ratio Lower Upper
149 100
177 23.2 18.8 28.2
150 12.0 9.4 14.2

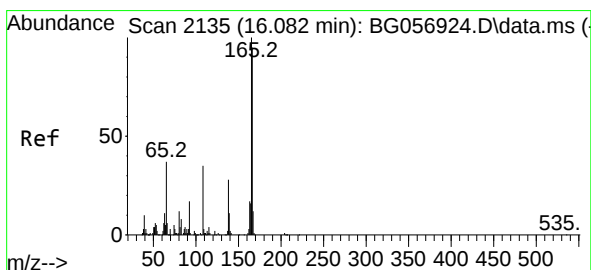
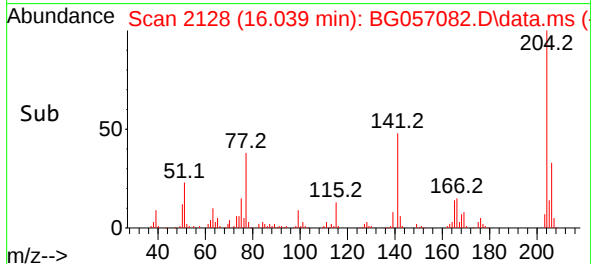
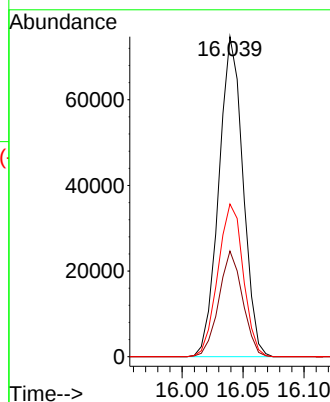
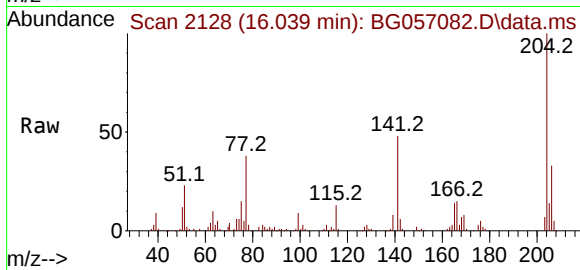




#61
4-Chlorophenyl-phenylether
Concen: 41.542 ng
RT: 16.039 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

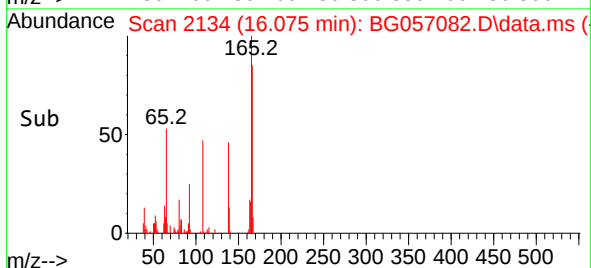
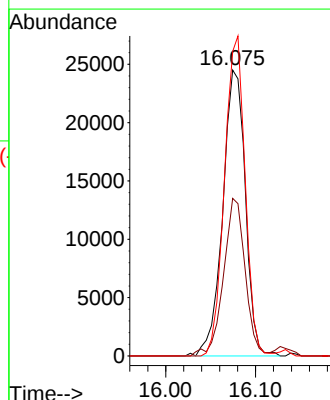
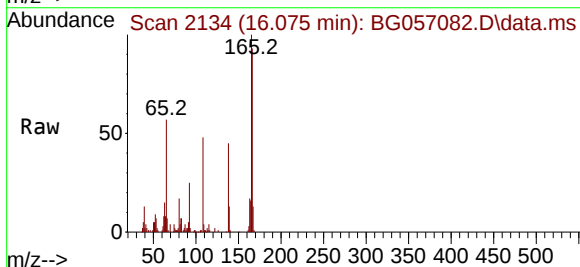
Instrument :
BNA_G
ClientSampleId :
PB152099BS

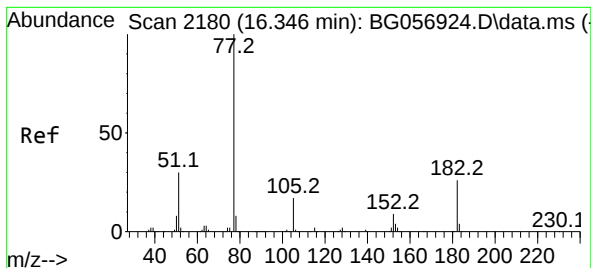
Tgt Ion:204 Resp: 103067
Ion Ratio Lower Upper
204 100
206 33.0 27.2 40.8
141 47.7 40.7 61.1



#62
4-Nitroaniline
Concen: 44.228 ng
RT: 16.075 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:138 Resp: 42824
Ion Ratio Lower Upper
138 100
92 55.1 40.9 80.9
108 106.5 104.3 144.3





#63

Azobenzene

Concen: 42.069 ng

RT: 16.333 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

Tgt Ion: 77 Resp: 183664

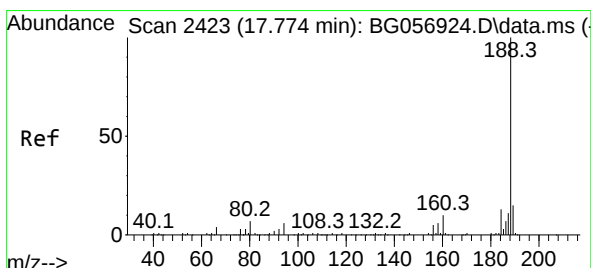
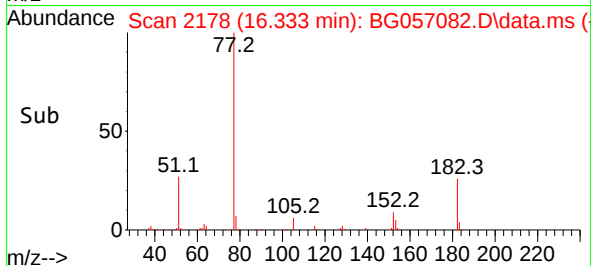
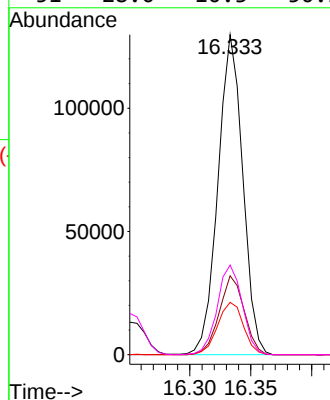
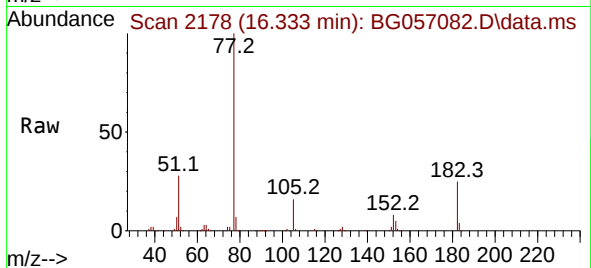
Ion Ratio Lower Upper

77 100

182 24.7 5.9 45.9

105 16.4 0.0 36.8

51 28.0 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.760 min Scan# 2421

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

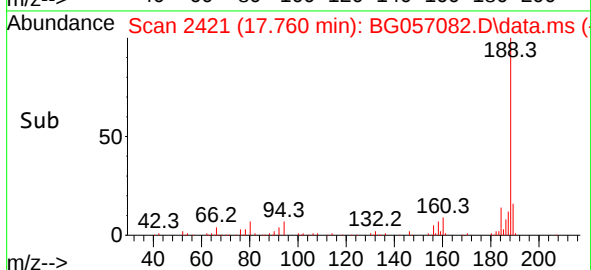
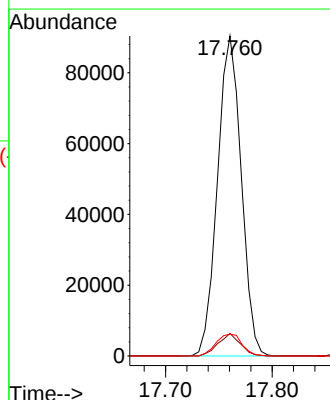
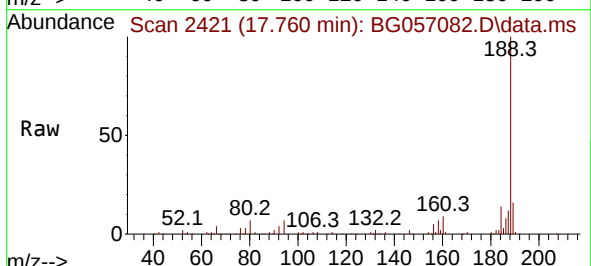
Tgt Ion:188 Resp: 139602

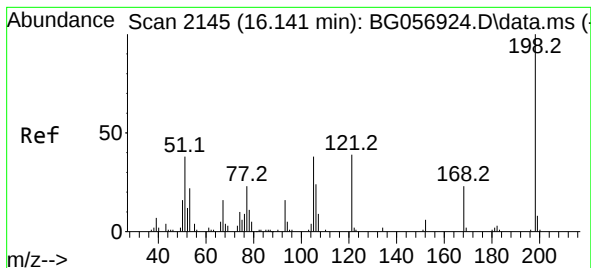
Ion Ratio Lower Upper

188 100

94 7.0 4.6 6.8#

80 6.8 5.5 8.3

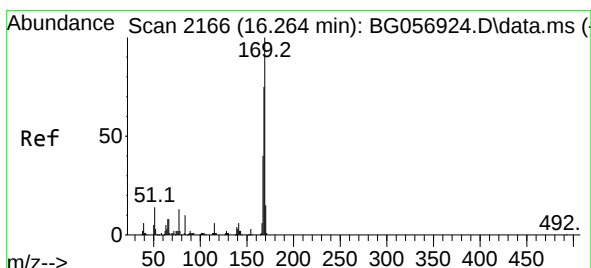
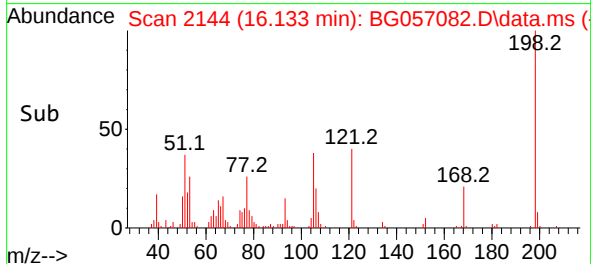
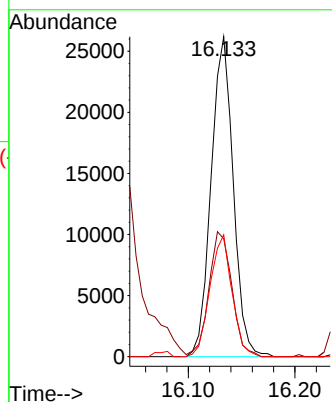
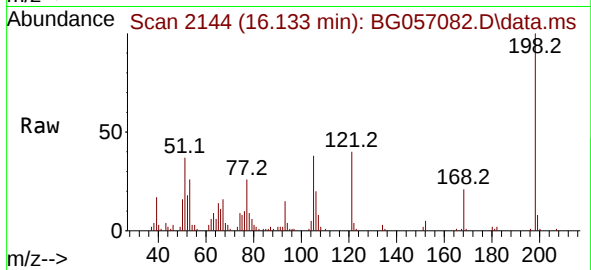




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.622 ng
 RT: 16.133 min Scan# 2144
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

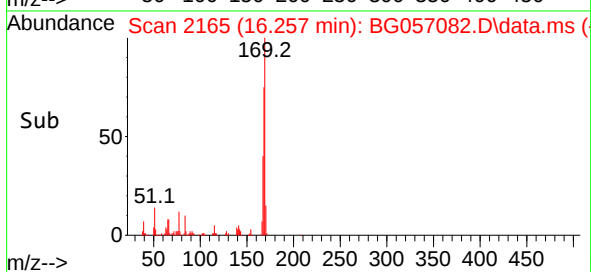
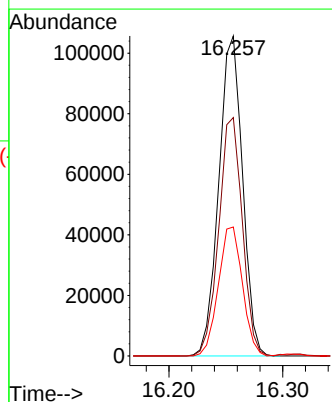
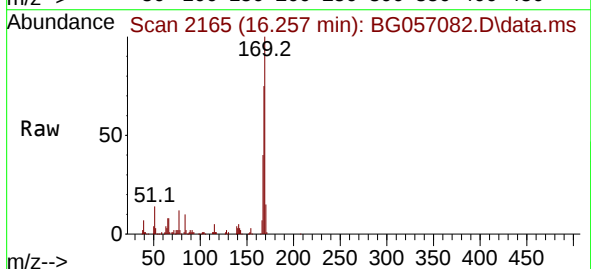
Instrument :
 BNA_G
 ClientSampleId :
 PB152099BS

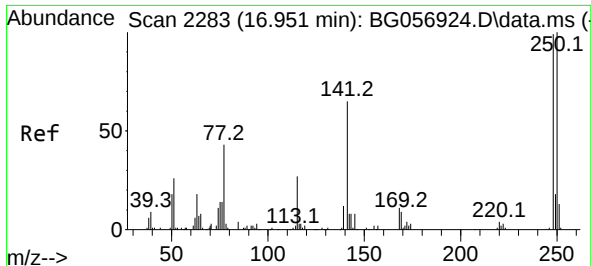
Tgt Ion:198 Resp: 37727
 Ion Ratio Lower Upper
 198 100
 51 36.8 20.5 60.5
 105 38.1 18.1 58.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.875 ng
 RT: 16.257 min Scan# 2165
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion:169 Resp: 153181
 Ion Ratio Lower Upper
 169 100
 168 74.5 59.6 89.4
 167 40.3 31.8 47.8

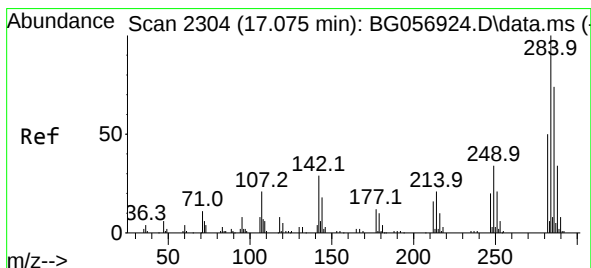
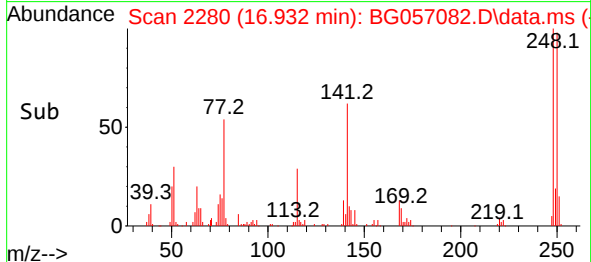
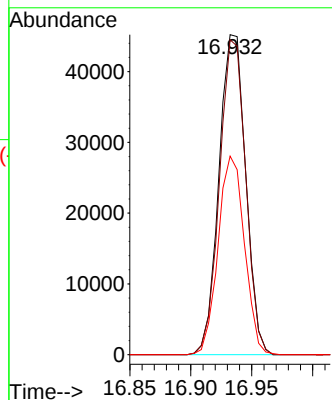
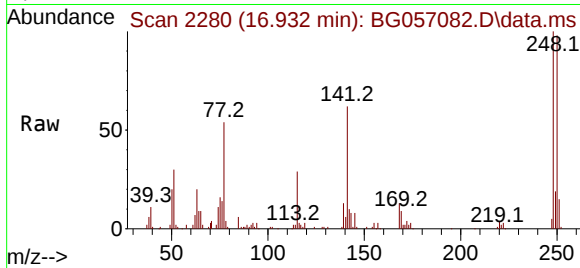




#67
4-Bromophenyl-phenylether
Concen: 40.004 ng
RT: 16.932 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

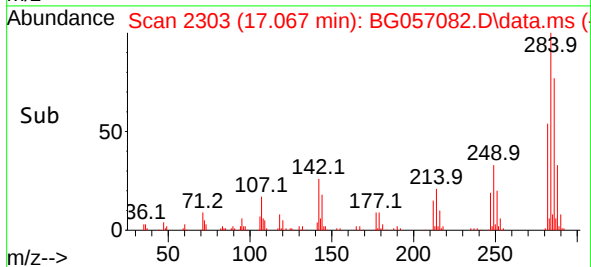
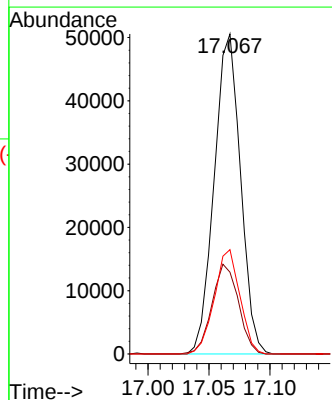
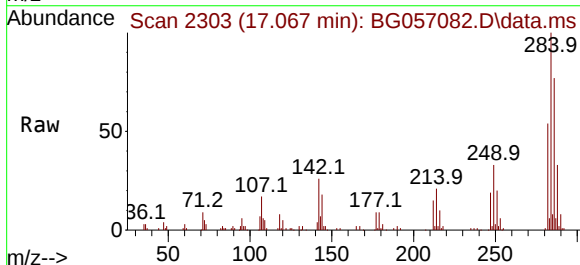
Instrument :
BNA_G
ClientSampleId :
PB152099BS

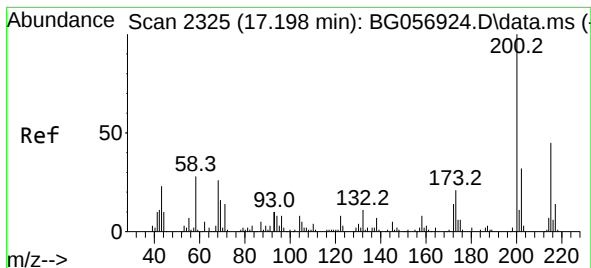
Tgt Ion:248 Resp: 69099
Ion Ratio Lower Upper
248 100
250 98.4 80.5 120.7
141 62.0 52.0 78.0



#68
Hexachlorobenzene
Concen: 44.376 ng
RT: 17.067 min Scan# 2303
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:284 Resp: 75782
Ion Ratio Lower Upper
284 100
142 25.6 23.0 34.4
249 32.6 27.1 40.7





#69

Atrazine

Concen: 43.960 ng

RT: 17.185 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

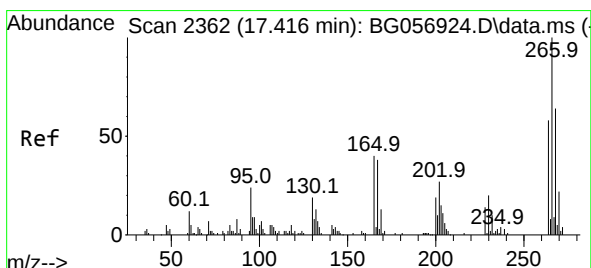
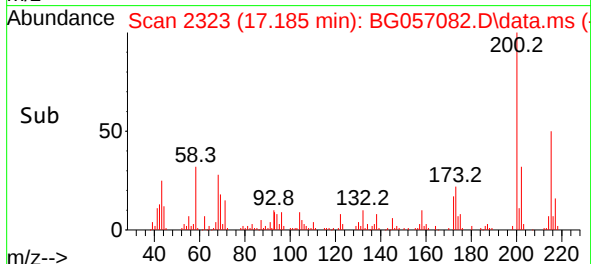
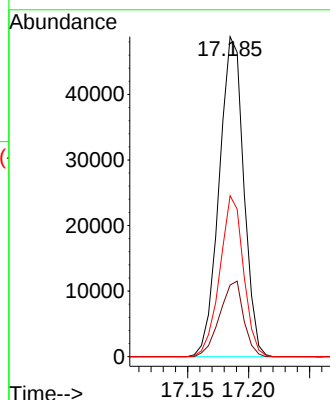
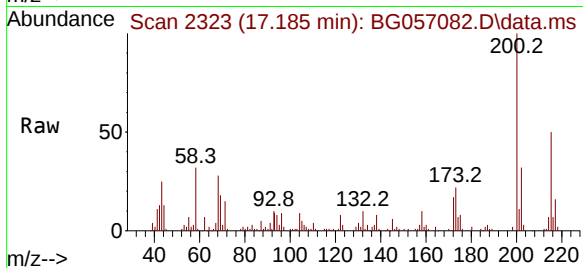
Tgt Ion:200 Resp: 68384

Ion Ratio Lower Upper

200 100

173 22.4 1.0 41.0

215 50.3 25.0 65.0



#70

Pentachlorophenol

Concen: 73.412 ng

RT: 17.408 min Scan# 2361

Delta R.T. 0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

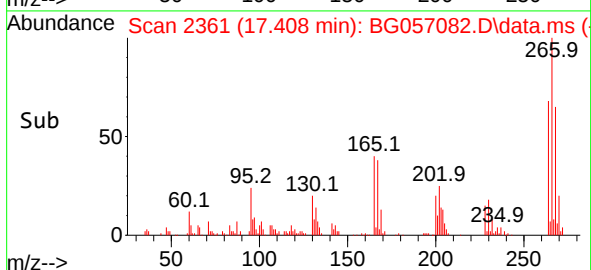
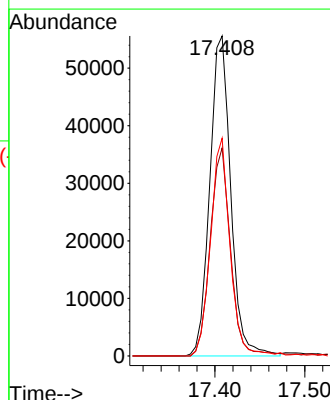
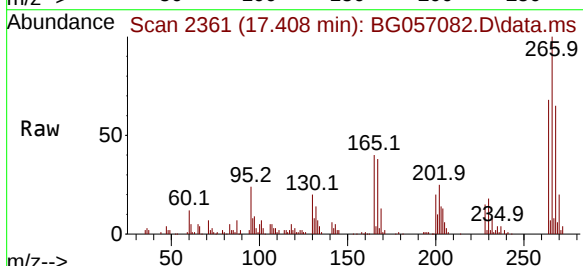
Tgt Ion:266 Resp: 89941

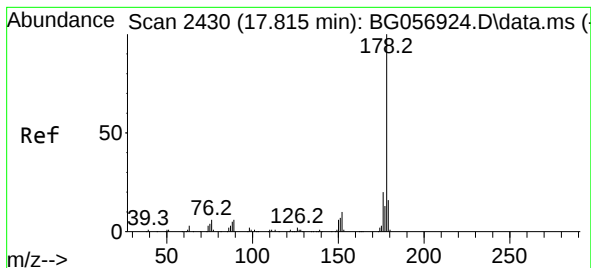
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 68.0 46.8 70.2





#71

Phenanthrene

Concen: 41.531 ng

RT: 17.802 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

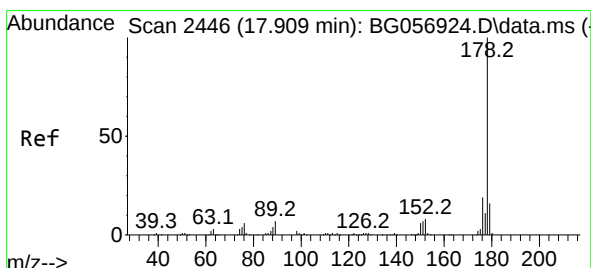
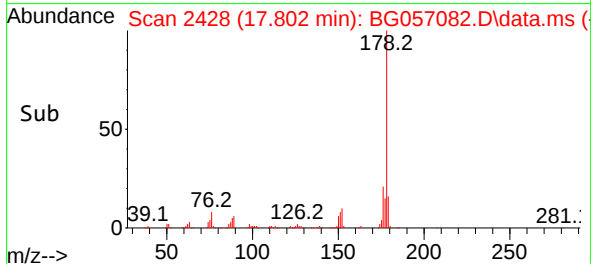
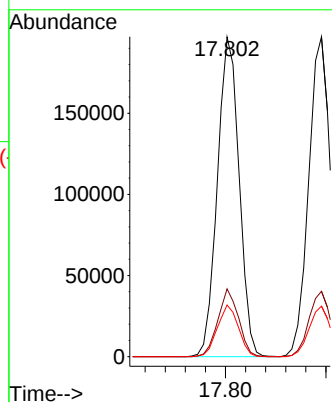
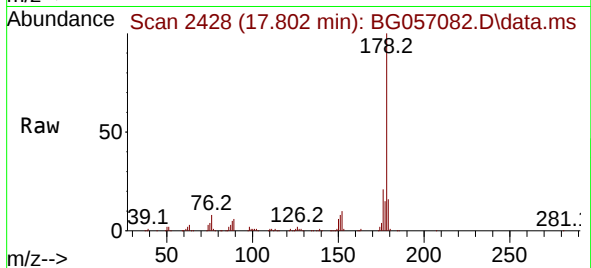
Tgt Ion:178 Resp: 295601

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.2

179 16.2 12.5 18.7



#72

Anthracene

Concen: 40.978 ng

RT: 17.896 min Scan# 2444

Delta R.T. 0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

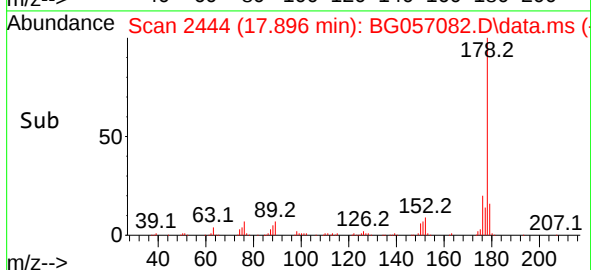
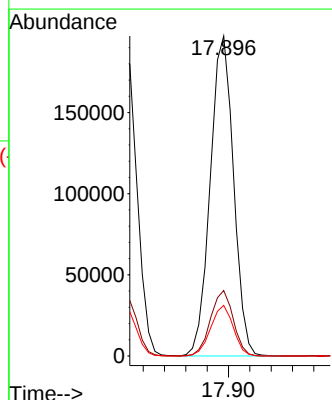
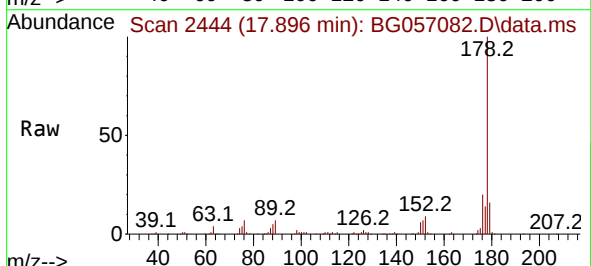
Tgt Ion:178 Resp: 298993

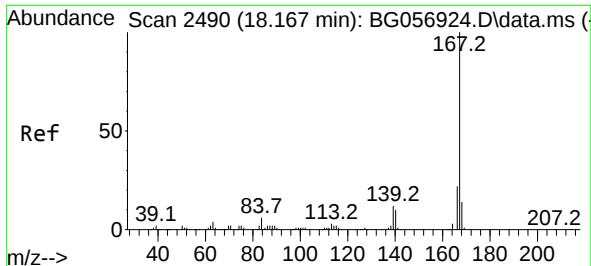
Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.2

179 15.8 12.4 18.6

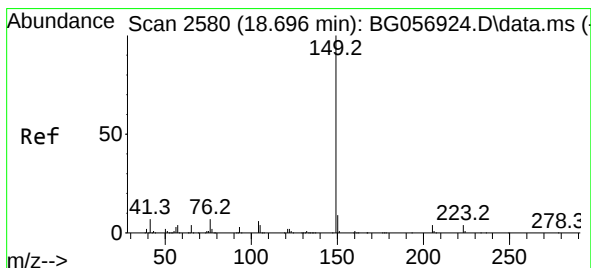
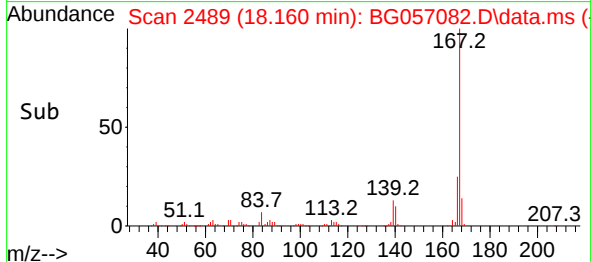
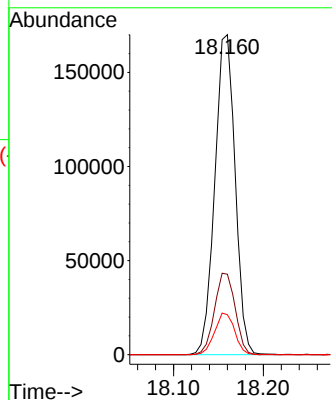
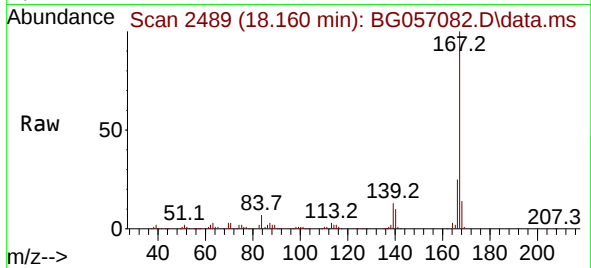




#73
 Carbazole
 Concen: 41.994 ng
 RT: 18.160 min Scan# 2490
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

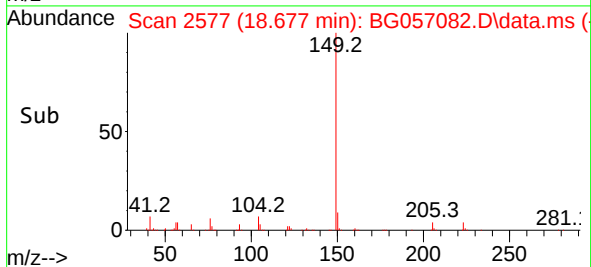
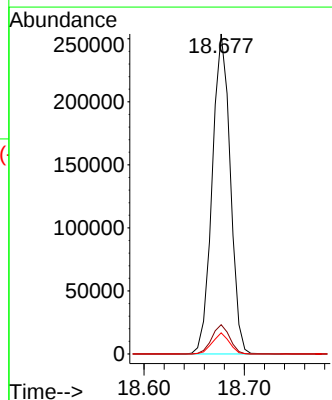
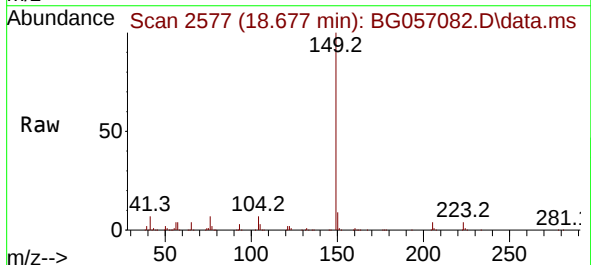
Instrument :
 BNA_G
 ClientSampleId :
 PB152099BS

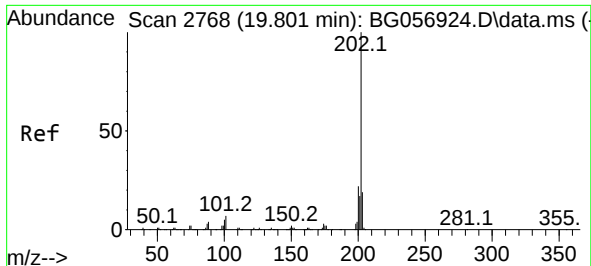
Tgt Ion:167 Resp: 267150
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.9 26.9
 139 12.5 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 43.134 ng
 RT: 18.677 min Scan# 2577
 Delta R.T. -0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion:149 Resp: 317752
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.6 4.9 7.3

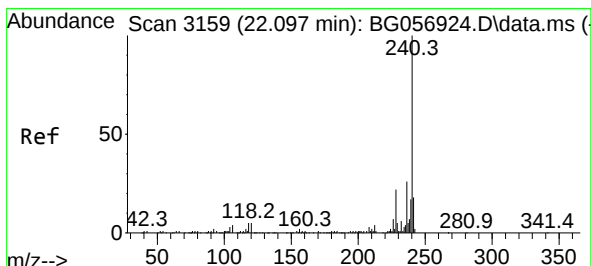
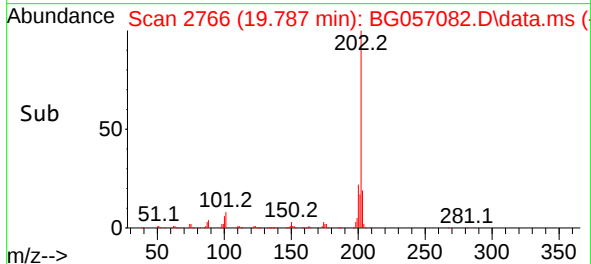
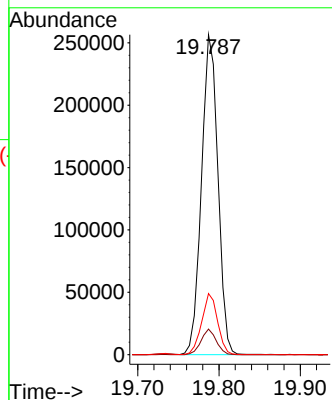
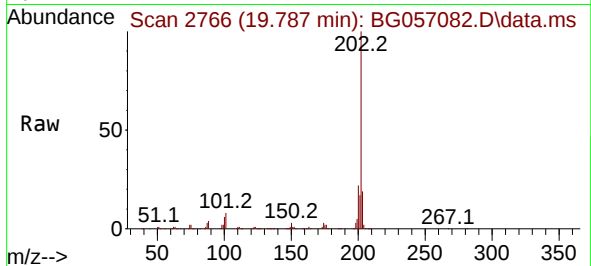




#75
Fluoranthene
Concen: 39.929 ng
RT: 19.787 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

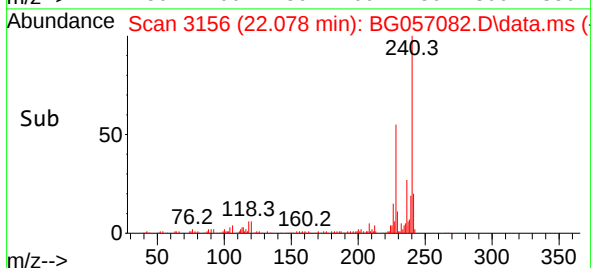
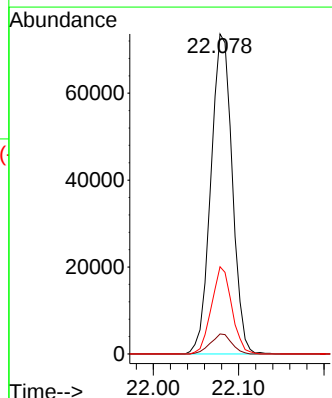
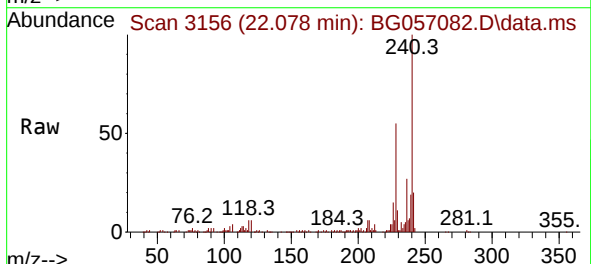
Instrument :
BNA_G
ClientSampleId :
PB152099BS

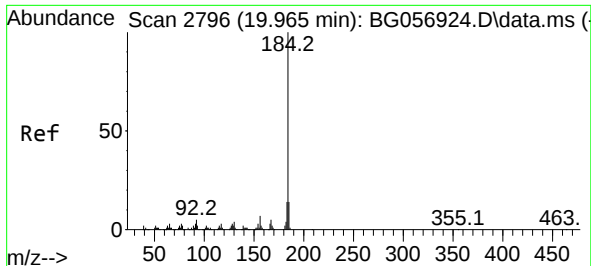
Tgt Ion:202 Resp: 360260
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.7
203 19.1 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.078 min Scan# 3156
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:240 Resp: 127705
Ion Ratio Lower Upper
240 100
120 6.2 3.8 5.6#
236 27.2 21.0 31.6

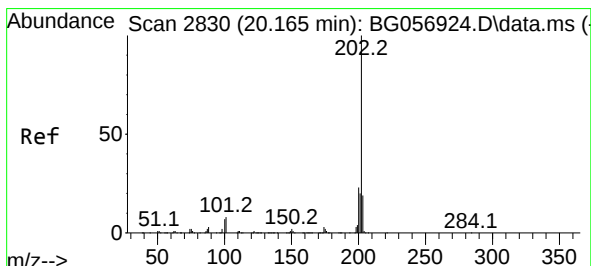
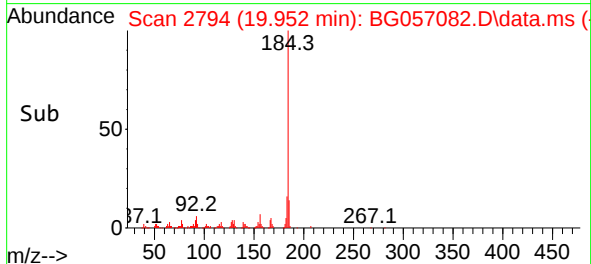
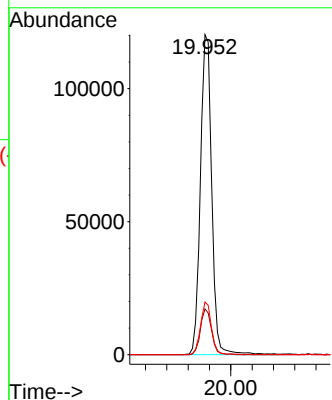
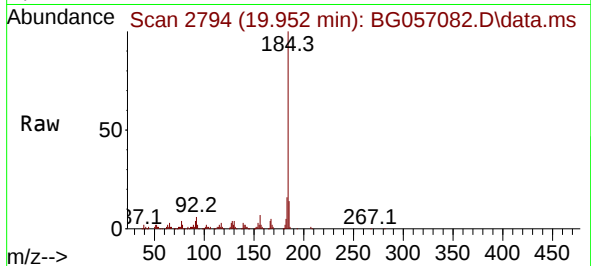




#77
Benzidine
Concen: 50.713 ng
RT: 19.952 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

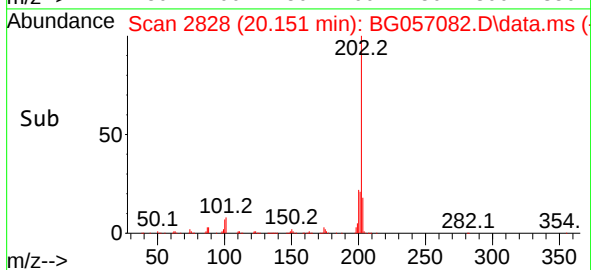
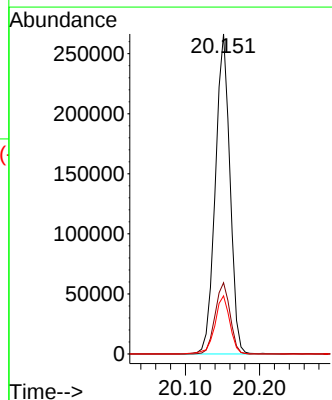
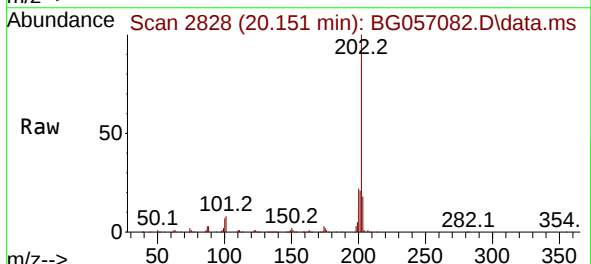
Instrument :
BNA_G
ClientSampleId :
PB152099BS

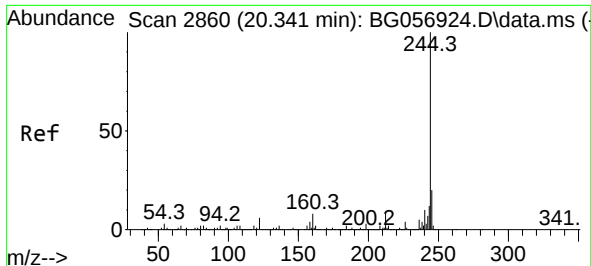
Tgt Ion:184 Resp: 177020
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.4
183 16.4 11.4 17.0



#78
Pyrene
Concen: 41.141 ng
RT: 20.151 min Scan# 2828
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:202 Resp: 363383
Ion Ratio Lower Upper
202 100
200 22.2 18.7 28.1
203 18.2 15.4 23.2

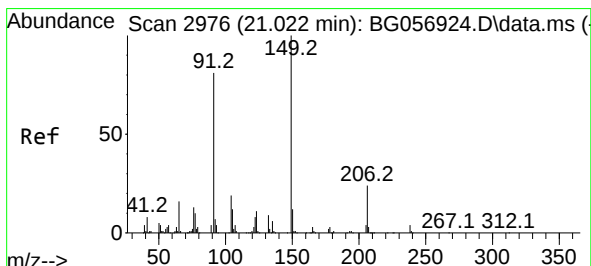
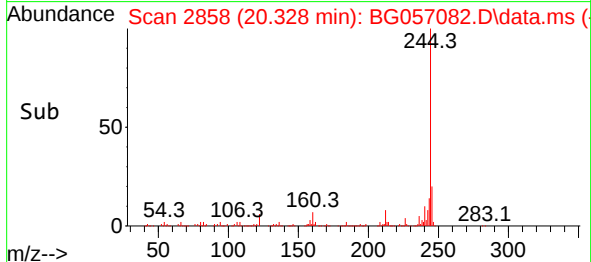
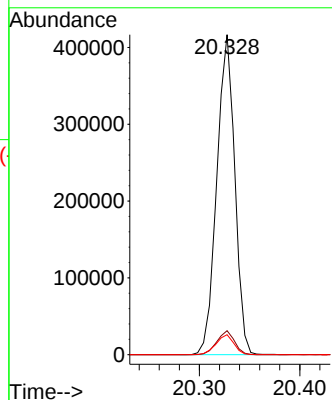
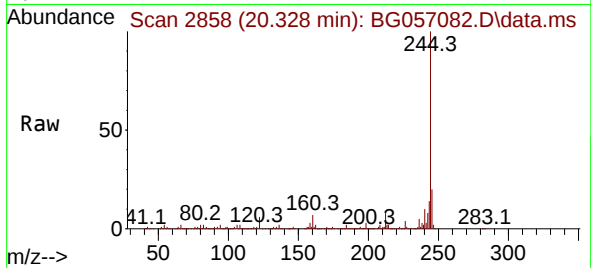




#79
 Terphenyl-d14
 Concen: 68.630 ng
 RT: 20.328 min Scan# 2179
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

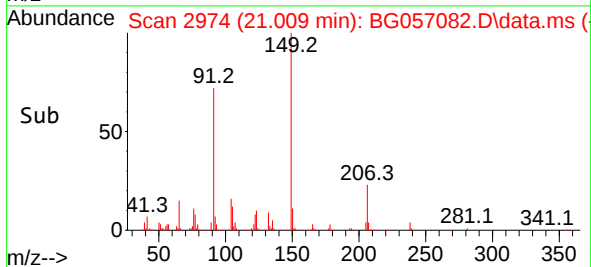
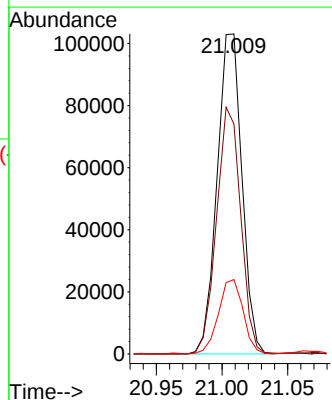
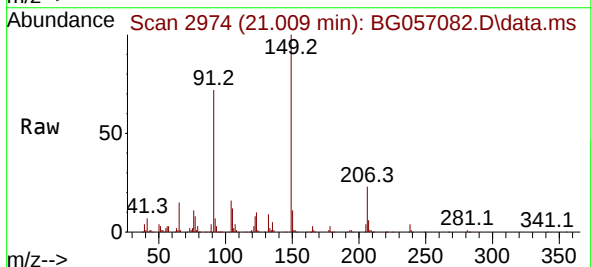
Instrument :
 BNA_G
 ClientSampleId :
 PB152099BS

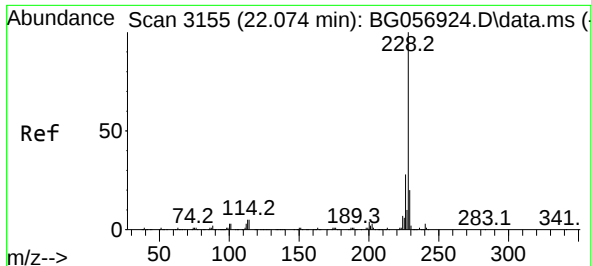
Tgt Ion:244 Resp: 517941
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.2 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 44.606 ng
 RT: 21.009 min Scan# 2974
 Delta R.T. 0.003 min
 Lab File: BG057082.D
 Acq: 13 Apr 2023 14:52

Tgt Ion:149 Resp: 135580
 Ion Ratio Lower Upper
 149 100
 91 71.9 64.4 96.6
 206 23.2 18.9 28.3

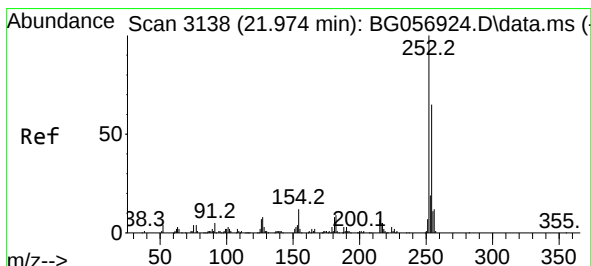
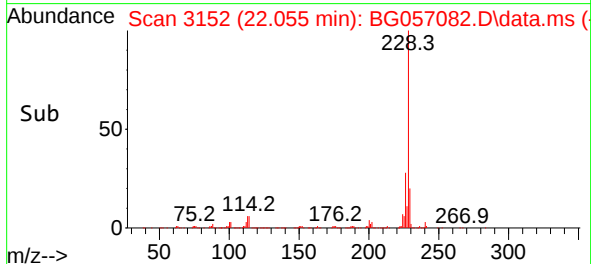
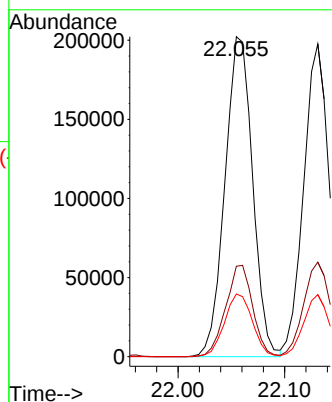
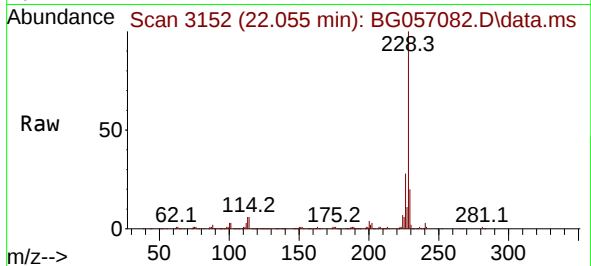




#81
Benzo(a)anthracene
Concen: 41.346 ng
RT: 22.055 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

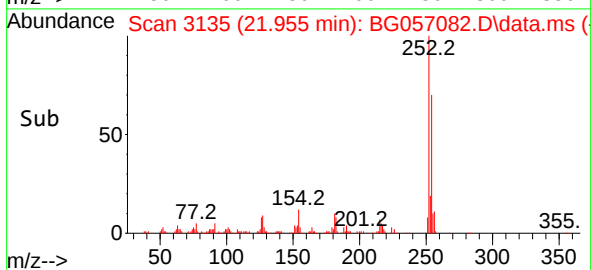
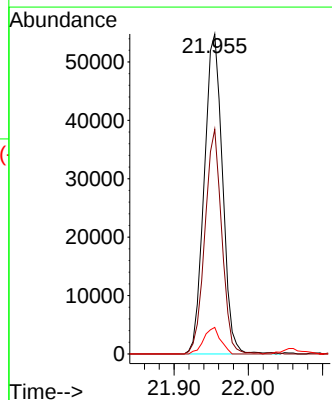
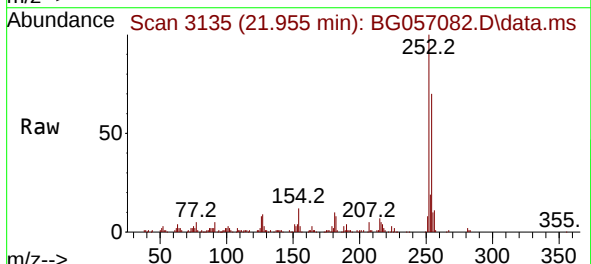
Instrument :
BNA_G
ClientSampleId :
PB152099BS

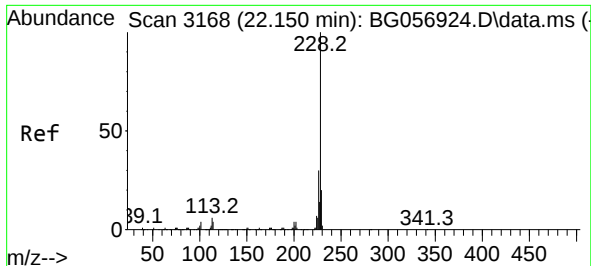
Tgt Ion:228 Resp: 365382
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 31.328 ng
RT: 21.955 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:252 Resp: 93488
Ion Ratio Lower Upper
252 100
254 70.2 51.7 77.5
126 8.3 5.6 8.4

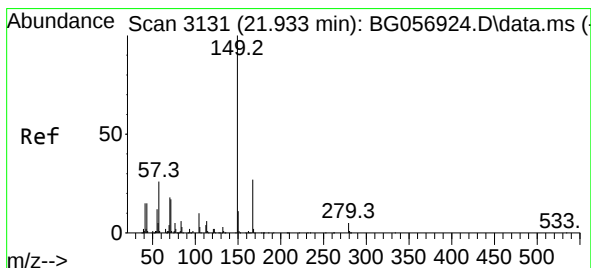
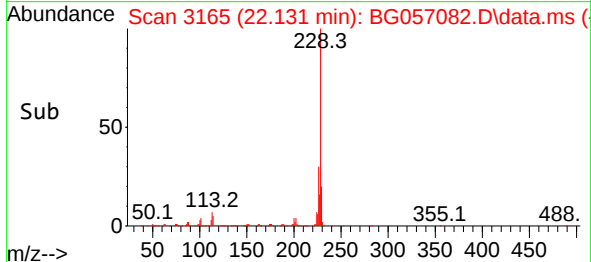
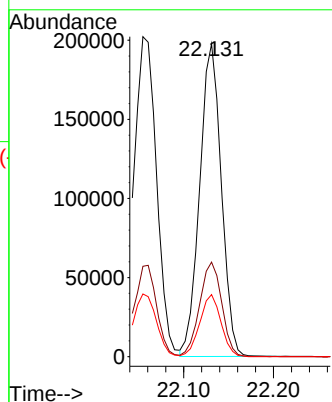
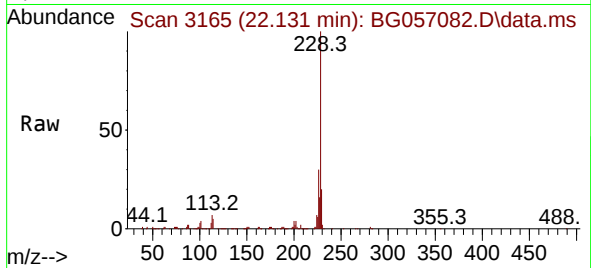




#83
Chrysene
Concen: 39.922 ng
RT: 22.131 min Scan# 3165
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

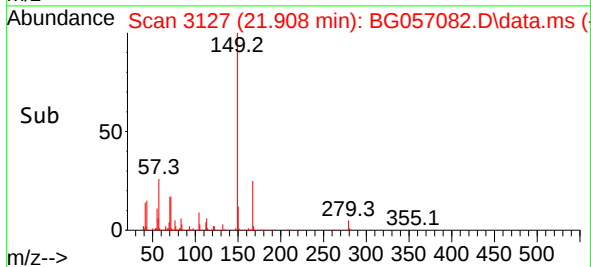
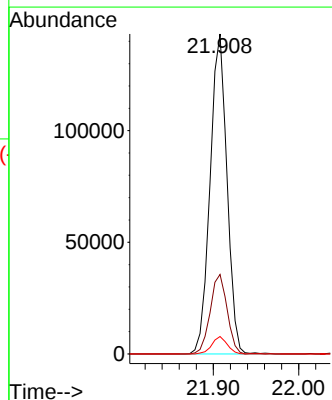
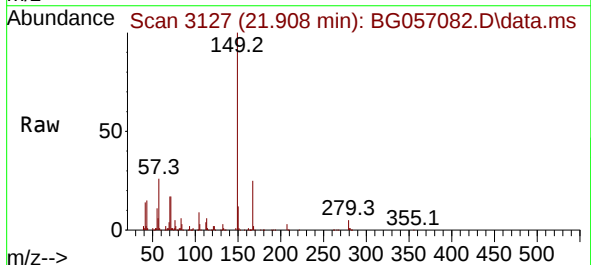
Instrument :
BNA_G
ClientSampleId :
PB152099BS

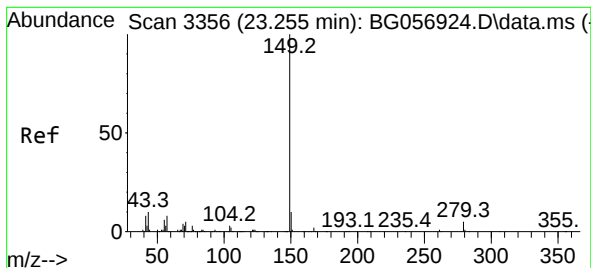
Tgt Ion:228 Resp: 330327
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.643 ng
RT: 21.908 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:149 Resp: 196486
Ion Ratio Lower Upper
149 100
167 24.8 21.4 32.2
279 5.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.921 ng

RT: 23.218 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

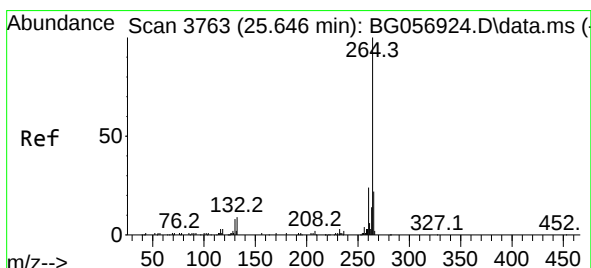
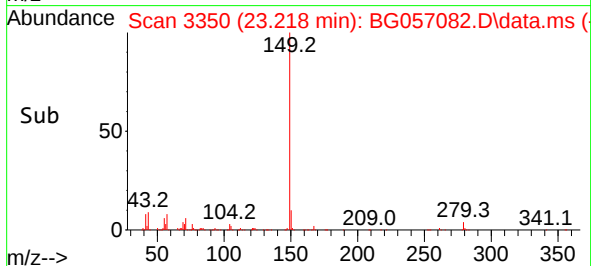
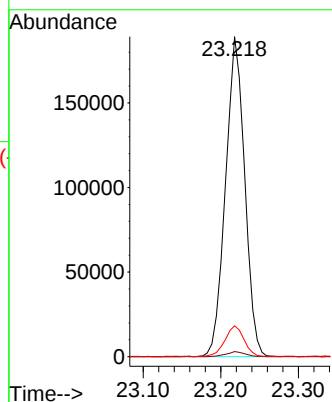
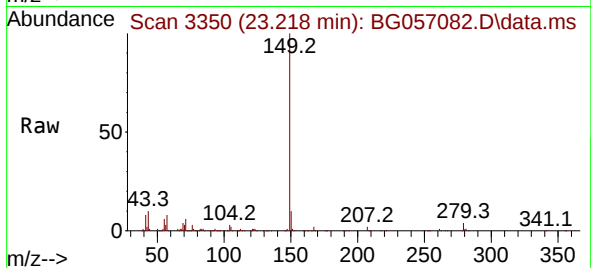
Tgt Ion:149 Resp: 325760

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.615 min Scan# 3758

Delta R.T. 0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

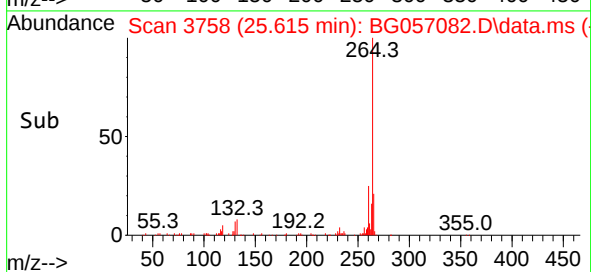
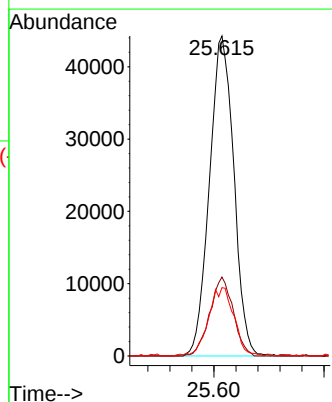
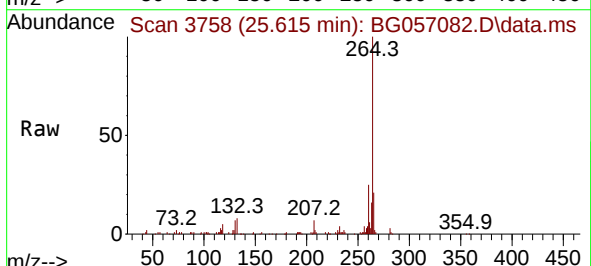
Tgt Ion:264 Resp: 135997

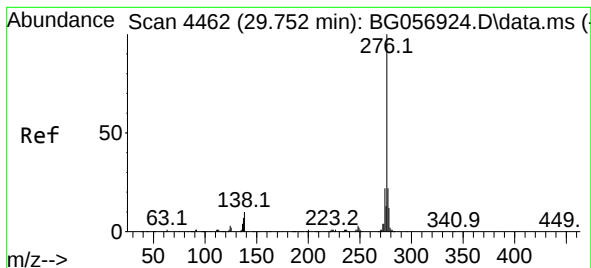
Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.862 ng

RT: 29.703 min Scan# 4454

Delta R.T. -0.009 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

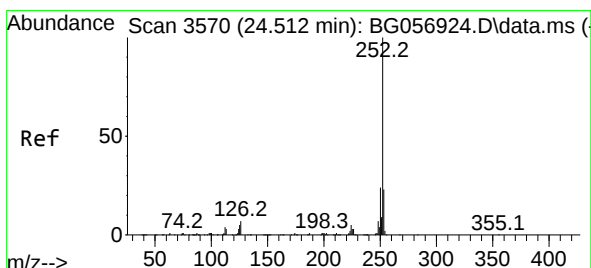
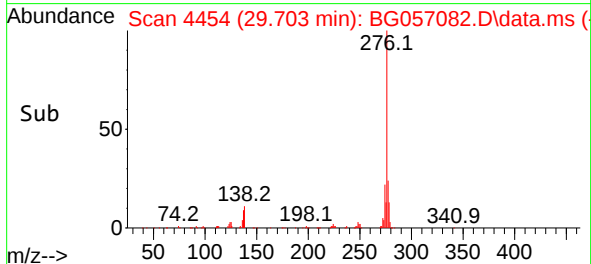
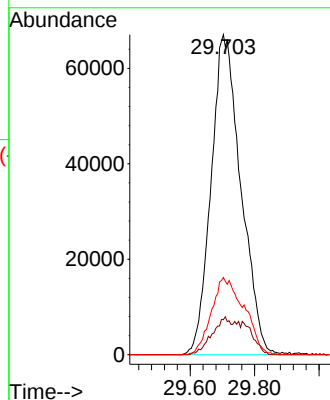
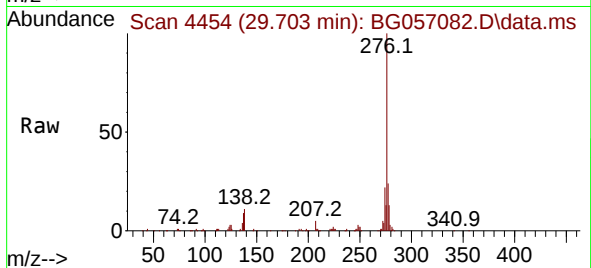
Tgt Ion:276 Resp: 430797

Ion Ratio Lower Upper

276 100

138 7.7 7.7 11.5#

277 26.5 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 44.509 ng

RT: 24.481 min Scan# 3565

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

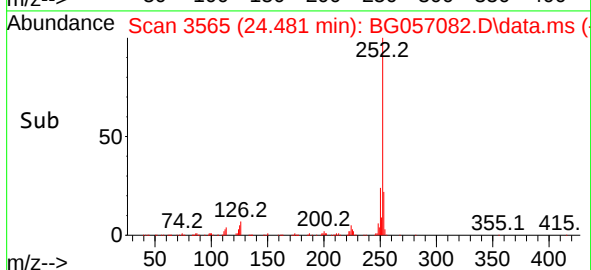
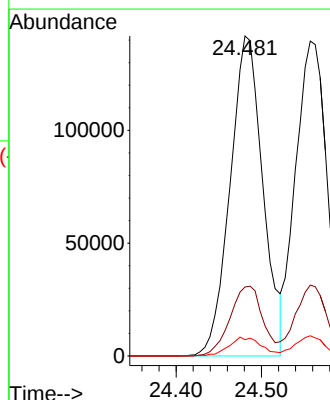
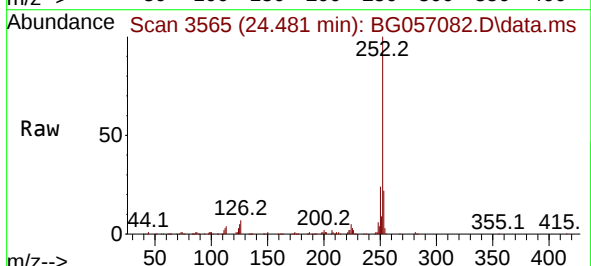
Tgt Ion:252 Resp: 378519

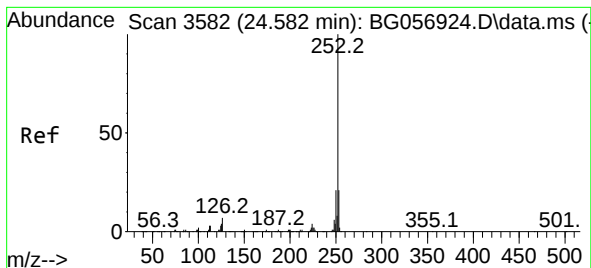
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 5.1 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 44.584 ng

RT: 24.481 min Scan# 31

Delta R.T. -0.079 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

Instrument :

BNA_G

ClientSampleId :

PB152099BS

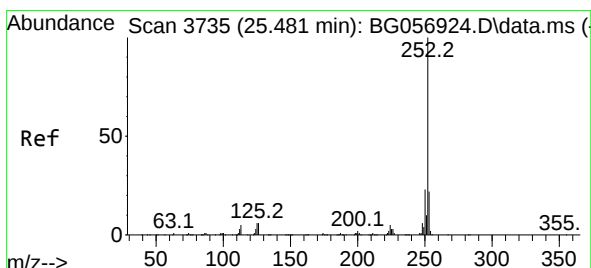
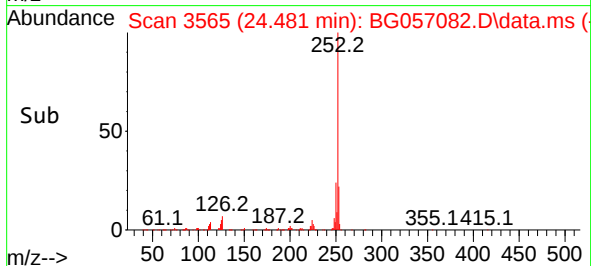
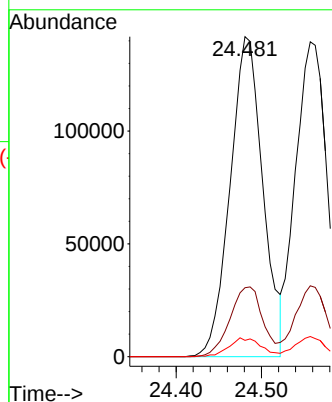
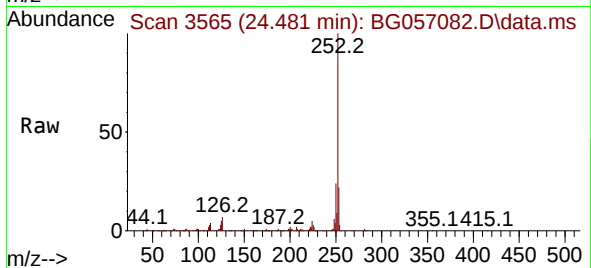
Tgt Ion:252 Resp: 378519

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 5.1 3.8 5.6



#90

Benzo(a)pyrene

Concen: 39.144 ng

RT: 25.450 min Scan# 3730

Delta R.T. -0.003 min

Lab File: BG057082.D

Acq: 13 Apr 2023 14:52

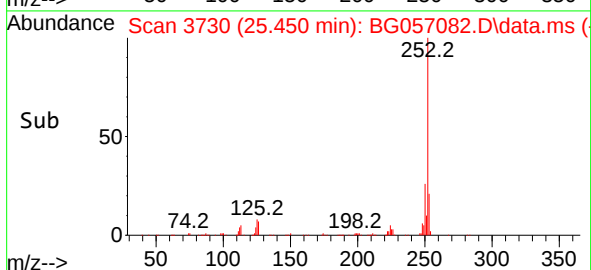
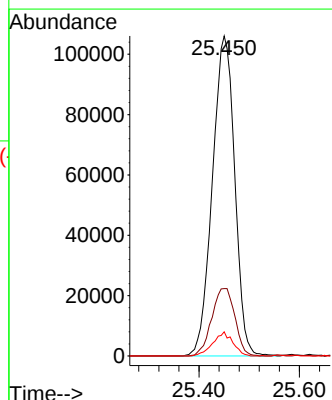
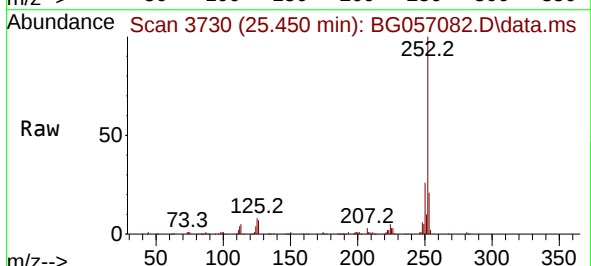
Tgt Ion:252 Resp: 327124

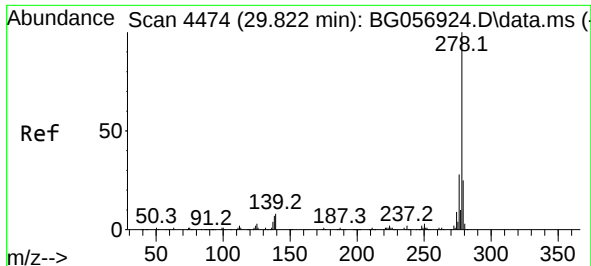
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 7.6 4.5 6.7#

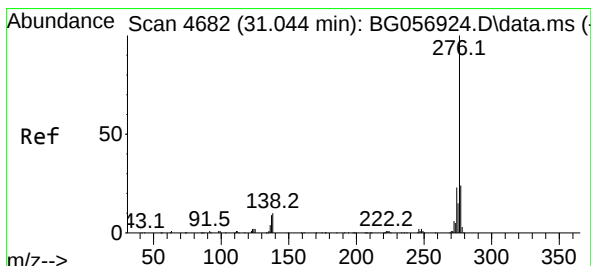
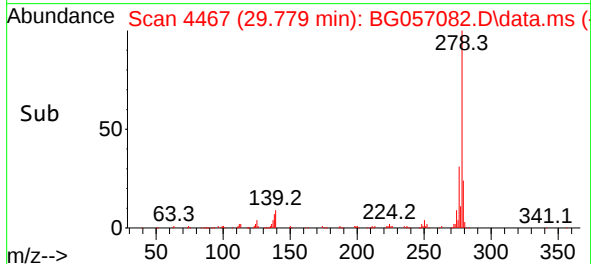
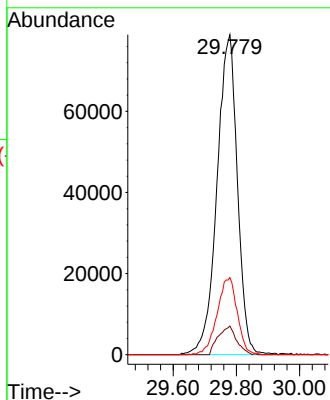
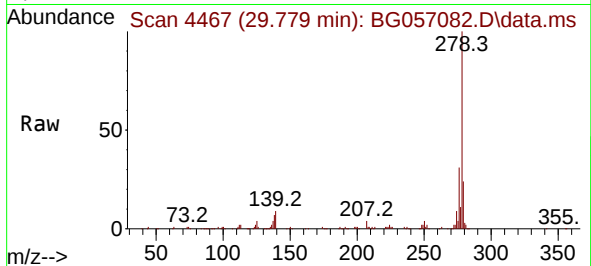




#91
Dibenzo(a,h)anthracene
Concen: 42.797 ng
RT: 29.779 min Scan# 4474
Delta R.T. 0.015 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Instrument :
BNA_G
ClientSampleId :
PB152099BS

Tgt Ion:278 Resp: 353576
Ion Ratio Lower Upper
278 100
139 8.9 6.4 9.6
279 24.1 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 42.051 ng
RT: 30.995 min Scan# 4674
Delta R.T. 0.003 min
Lab File: BG057082.D
Acq: 13 Apr 2023 14:52

Tgt Ion:276 Resp: 340181
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 12.0 8.2 12.2

