

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056999.D
 Acq On : 5 Apr 2023 20:42
 Operator : CG/JU
 Sample : 02104-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-37-SB02MSD

Quant Time: Apr 06 02:03:41 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 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	13600	20.000	ng	-0.01
21) Naphthalene-d8	11.252	136	58644	20.000	ng	-0.01
39) Acenaphthene-d10	15.029	164	44753	20.000	ng	0.00
64) Phenanthrene-d10	17.767	188	104452	20.000	ng	0.00
76) Chrysene-d12	22.091	240	87971	20.000	ng	0.00
86) Perylene-d12	25.633	264	94694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	106912	125.814	ng	0.00
7) Phenol-d6	7.545	99	156931	123.478	ng	0.00
23) Nitrobenzene-d5	9.590	82	100489	70.114	ng	0.00
42) 2,4,6-Tribromophenol	16.510	330	83215	116.394	ng	0.00
45) 2-Fluorobiphenyl	13.655	172	215531	65.306	ng	0.00
79) Terphenyl-d14	20.334	244	311807	59.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.721	88	13649	36.641	ng	96
3) Pyridine	4.144	79	41594	34.668	ng	94
4) n-Nitrosodimethylamine	4.050	42	22403	40.613	ng	98
6) Aniline	7.722	93	28879	17.774	ng	99
8) 2-Chlorophenol	7.968	128	45672	53.960	ng	89
9) Benzaldehyde	7.534	77	34448	43.214	ng	93
10) Phenol	7.569	94	65210	51.782	ng	95
11) bis(2-Chloroethyl)ether	7.810	93	41239	45.972	ng	99
12) 1,3-Dichlorobenzene	8.297	146	47723	51.027	ng	98
13) 1,4-Dichlorobenzene	8.444	146	48620	51.509	ng	95
14) 1,2-Dichlorobenzene	8.773	146	46916	51.447	ng	96
15) Benzyl Alcohol	8.644	79	50772	48.078	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.932	45	49267	45.572	ng	98
17) 2-Methylphenol	8.844	107	45533	50.680	ng	96
18) Hexachloroethane	9.513	117	16883	48.936	ng	94
19) n-Nitroso-di-n-propyla...	9.214	70	41063	45.171	ng	# 97
20) 3+4-Methylphenols	9.167	107	61929	49.294	ng	96
22) Acetophenone	9.237	105	76368	43.763	ng	# 96
24) Nitrobenzene	9.631	77	62052	42.347	ng	97
25) Isophorone	10.154	82	111301	40.781	ng	99
26) 2-Nitrophenol	10.348	139	27027	47.785	ng	91
27) 2,4-Dimethylphenol	10.389	122	47068	47.133	ng	95
28) bis(2-Chloroethoxy)met...	10.630	93	59666	43.668	ng	98
29) 2,4-Dichlorophenol	10.888	162	53412	49.734	ng	96
30) 1,2,4-Trichlorobenzene	11.111	180	53082	46.518	ng	99
31) Naphthalene	11.305	128	143330	44.840	ng	98
32) Benzoic acid	10.494	122	18087	26.368	ng	88
33) 4-Chloroaniline	11.405	127	23234	16.094	ng	94
34) Hexachlorobutadiene	11.575	225	38010	44.343	ng	95
35) Caprolactam	12.175	113	17096	46.159	ng	93
36) 4-Chloro-3-methylphenol	12.492	107	56083	46.696	ng	96
37) 2-Methylnaphthalene	12.879	142	107418	42.341	ng	98
38) 1-Methylnaphthalene	13.097	142	101586	42.644	ng	99
40) 1,2,4,5-Tetrachloroben...	13.238	216	74083	47.737	ng	99
41) Hexachlorocyclopentadiene	13.214	237	76620	89.608	ng	100
43) 2,4,6-Trichlorophenol	13.467	196	49979	50.467	ng	98

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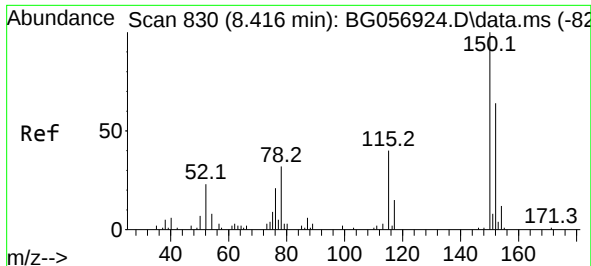
Quant Time: Apr 06 02:03:41 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.543	196	55120	46.983	ng	98
46) 1,1'-Biphenyl	13.866	154	156448	47.755	ng	97
47) 2-Chloronaphthalene	13.913	162	117738	48.593	ng	99
48) 2-Nitroaniline	14.107	65	40963	47.281	ng	99
49) Acenaphthylene	14.753	152	183283	46.040	ng	99
50) Dimethylphthalate	14.460	163	156281	44.320	ng	99
51) 2,6-Dinitrotoluene	14.589	165	35501	46.597	ng	93
52) Acenaphthene	15.088	154	123758	45.076	ng	99
53) 3-Nitroaniline	14.918	138	16654	22.084	ng	93
54) 2,4-Dinitrophenol	15.123	184	46143	107.602	ng	# 87
55) Dibenzofuran	15.423	168	190141	46.142	ng	98
56) 4-Nitrophenol	15.217	139	55934	100.304	ng	94
57) 2,4-Dinitrotoluene	15.376	165	49211	45.797	ng	# 98
58) Fluorene	16.069	166	156097	45.778	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.640	232	53168	49.773	ng	# 98
60) Diethylphthalate	15.811	149	155506	43.990	ng	99
61) 4-Chlorophenyl-phenyle...	16.046	204	89383	44.646	ng	98
62) 4-Nitroaniline	16.081	138	35368	45.267	ng	91
63) Azobenzene	16.339	77	161928	45.964	ng	98
65) 4,6-Dinitro-2-methylph...	16.134	198	34593	54.683	ng	94
66) n-Nitrosodiphenylamine	16.257	169	132884	47.392	ng	97
67) 4-Bromophenyl-phenylether	16.939	248	59755	46.236	ng	94
68) Hexachlorobenzene	17.074	284	63891	50.003	ng	99
69) Atrazine	17.191	200	55743	47.892	ng	91
70) Pentachlorophenol	17.409	266	82305	89.787	ng	99
71) Phenanthrene	17.808	178	270988	50.886	ng	99
72) Anthracene	17.902	178	253835	46.496	ng	99
73) Carbazole	18.166	167	219451	46.105	ng	97
74) Di-n-butylphthalate	18.683	149	252209	45.758	ng	99
75) Fluoranthene	19.799	202	315871	46.790	ng	98
77) Benzidine	19.958	184	70668	29.389	ng	96
78) Pyrene	20.158	202	310802	51.081	ng	98
80) Butylbenzylphthalate	21.015	149	103426	49.396	ng	94
81) Benzo(a)anthracene	22.067	228	291539	47.891	ng	99
82) 3,3'-Dichlorobenzidine	21.961	252	59042	28.722	ng	94
83) Chrysene	22.138	228	267512	46.933	ng	99
84) Bis(2-ethylhexyl)phtha...	21.920	149	143119	47.205	ng	99
85) Di-n-octyl phthalate	23.236	149	235377	46.069	ng	99
87) Indeno(1,2,3-cd)pyrene	29.727	276	337318	48.200	ng	# 96
88) Benzo(b)fluoranthene	24.499	252	294798	49.784	ng	98
89) Benzo(k)fluoranthene	24.575	252	285320	48.264	ng	100
90) Benzo(a)pyrene	25.468	252	258904	44.494	ng	99
91) Dibenzo(a,h)anthracene	29.798	278	280399	48.744	ng	98
92) Benzo(g,h,i)perylene	31.025	276	272438	48.366	ng	97

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

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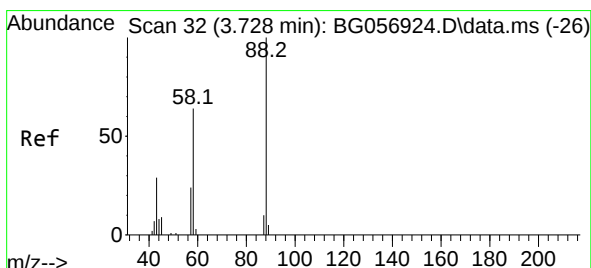
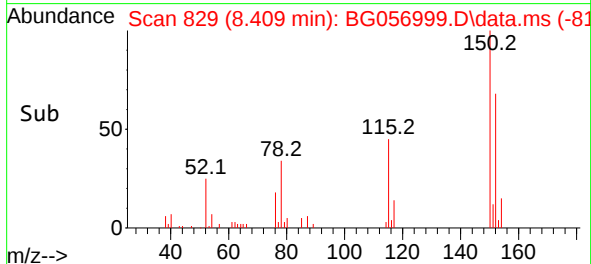
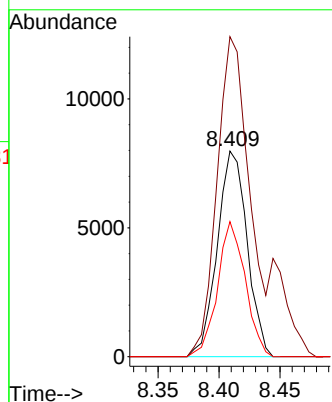
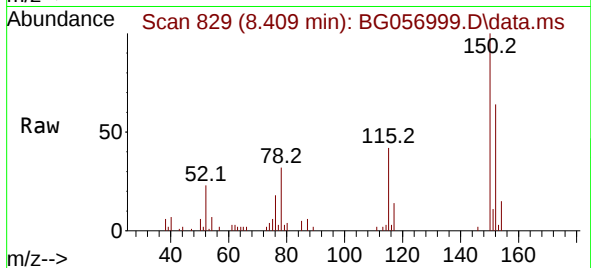




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

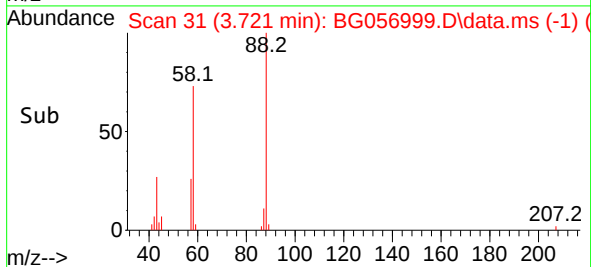
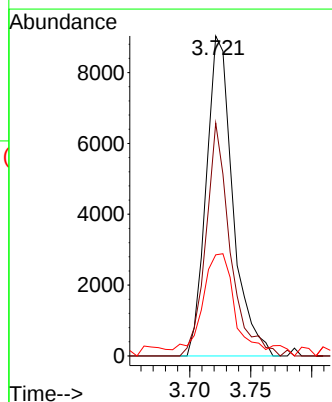
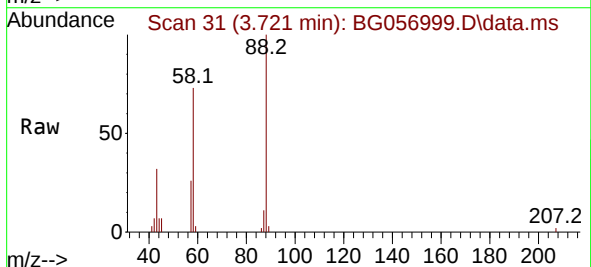
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion:152 Resp: 13600
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 65.6 49.1 73.7



#2
1,4-Dioxane
Concen: 36.641 ng
RT: 3.721 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 88 Resp: 13649
Ion Ratio Lower Upper
88 100
58 67.2 55.9 83.9
43 34.5 25.7 38.5





#3

Pyridine

Concen: 34.668 ng

RT: 4.144 min Scan# 103

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

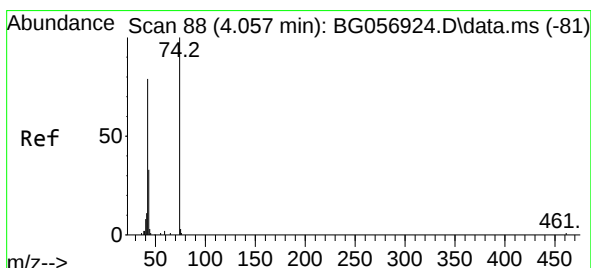
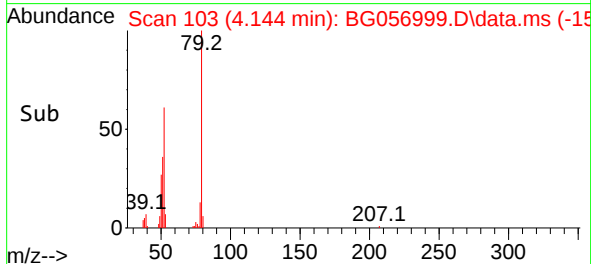
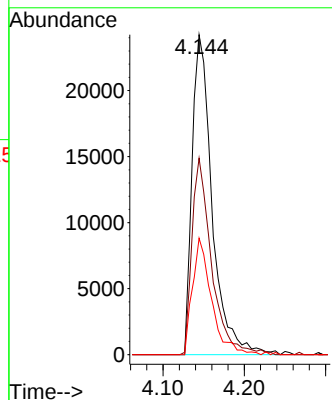
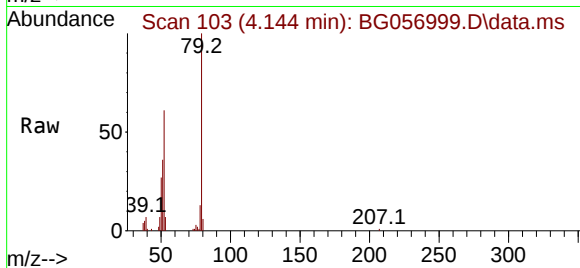
Tgt Ion: 79 Resp: 41594

Ion Ratio Lower Upper

79 100

52 61.4 46.1 69.1

51 36.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 40.613 ng

RT: 4.050 min Scan# 87

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

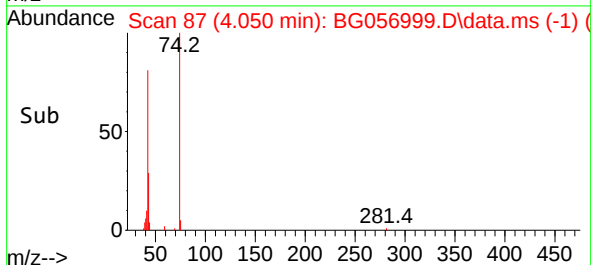
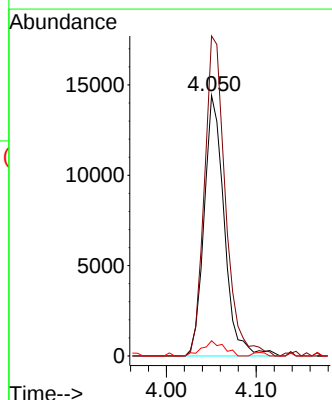
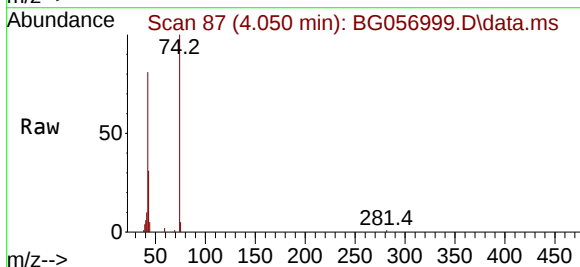
Tgt Ion: 42 Resp: 22403

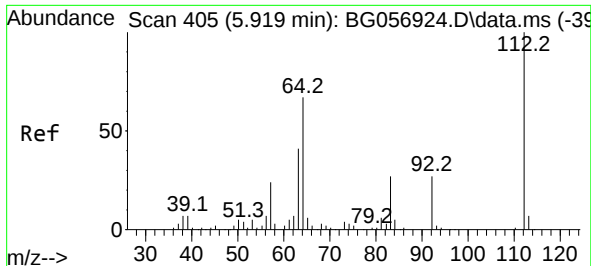
Ion Ratio Lower Upper

42 100

74 122.9 100.6 151.0

44 5.9 4.6 7.0

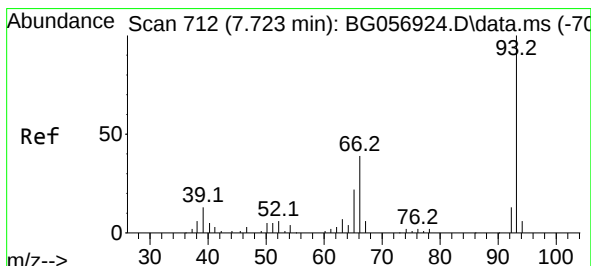
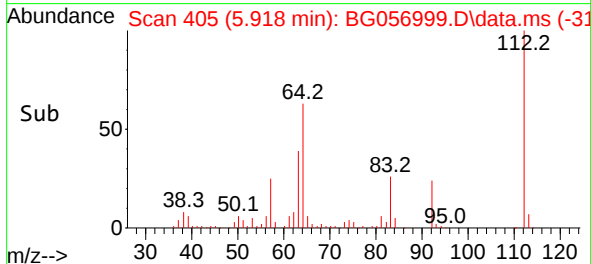
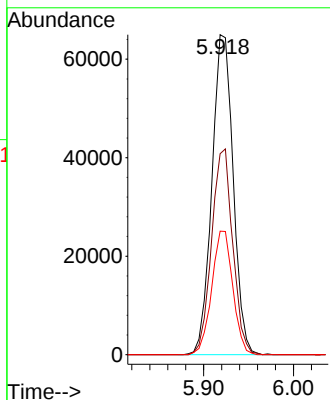
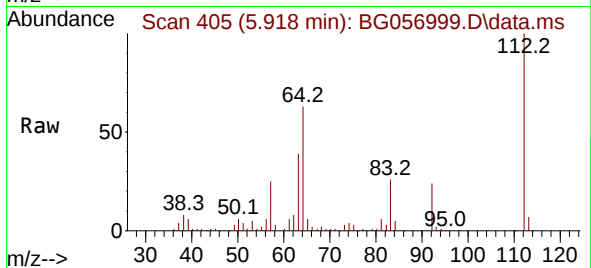




#5
2-Fluorophenol
Concen: 125.814 ng
RT: 5.918 min Scan# 405
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

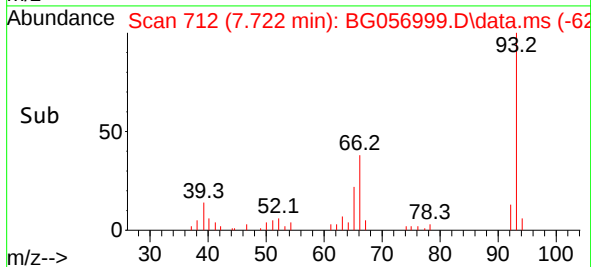
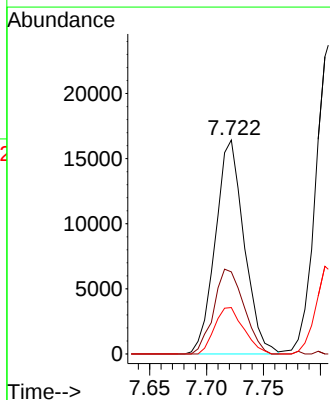
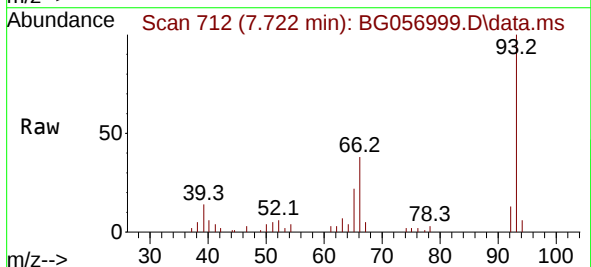
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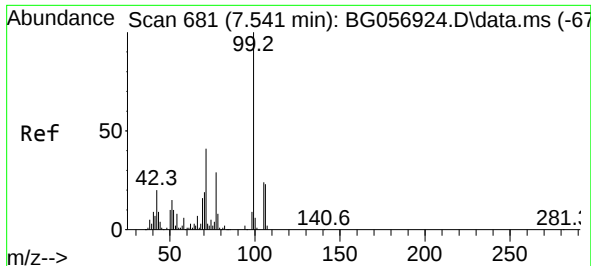
Tgt Ion:112 Resp: 106912
Ion Ratio Lower Upper
112 100
64 62.8 53.2 79.8
63 38.6 32.6 48.8



#6
Aniline
Concen: 17.774 ng
RT: 7.722 min Scan# 712
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 93 Resp: 28879
Ion Ratio Lower Upper
93 100
66 38.3 31.4 47.0
65 21.7 17.3 25.9

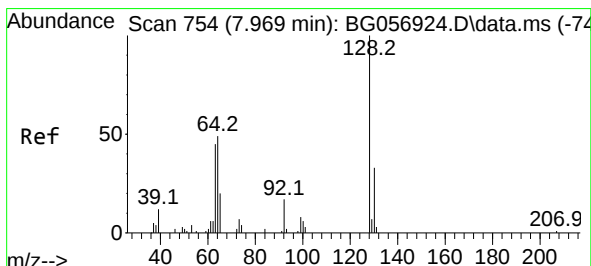
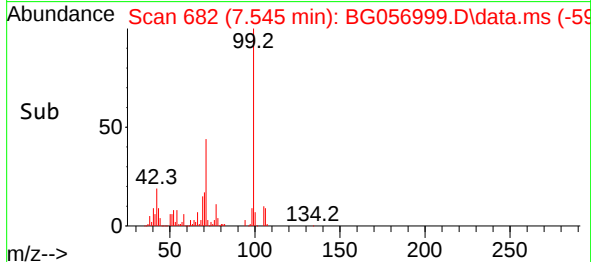
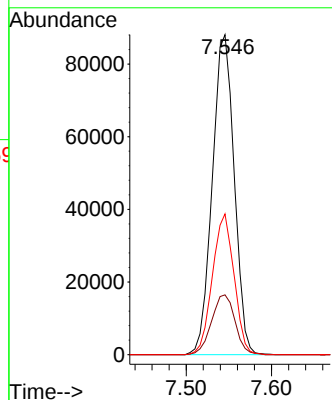
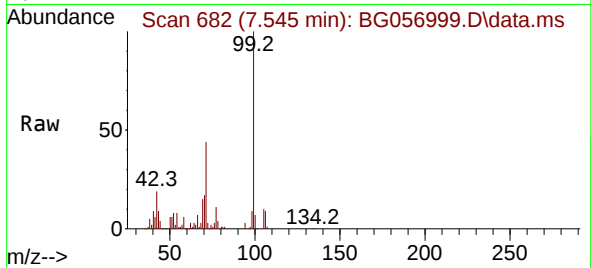




#7
Phenol-d6
Concen: 123.478 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

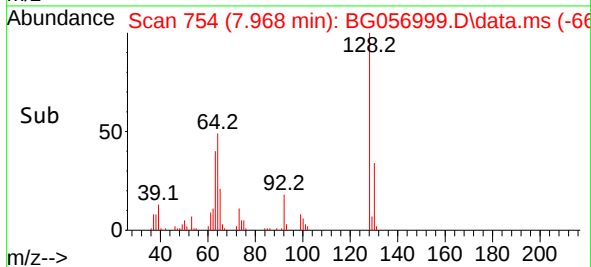
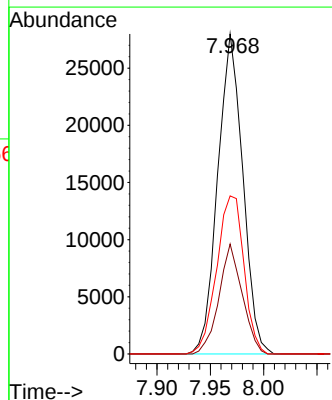
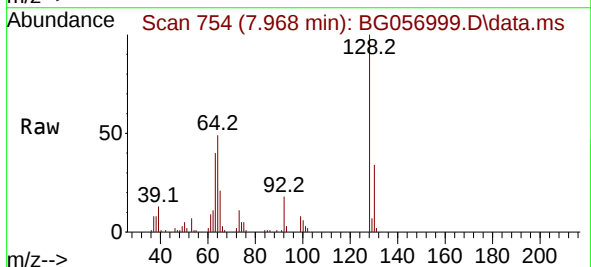
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Tgt Ion: 99 Resp: 156931
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 44.0 32.5 48.7



#8
2-Chlorophenol
Concen: 53.960 ng
RT: 7.968 min Scan# 754
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 128 Resp: 45672
Ion Ratio Lower Upper
128 100
130 34.4 12.6 52.6
64 49.4 40.6 80.6

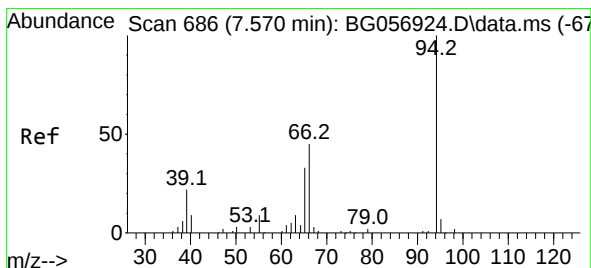
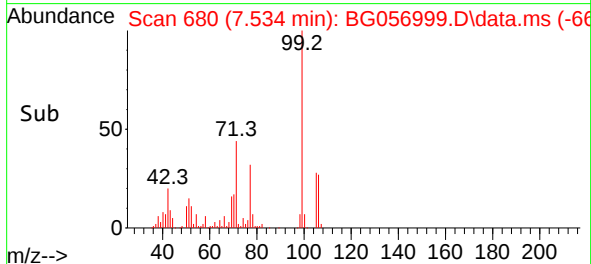
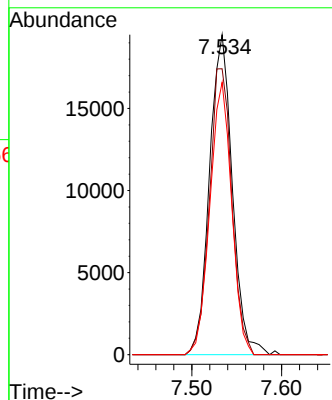
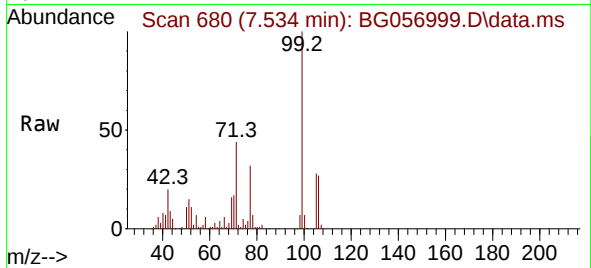




#9
Benzaldehyde
Concen: 43.214 ng
RT: 7.534 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

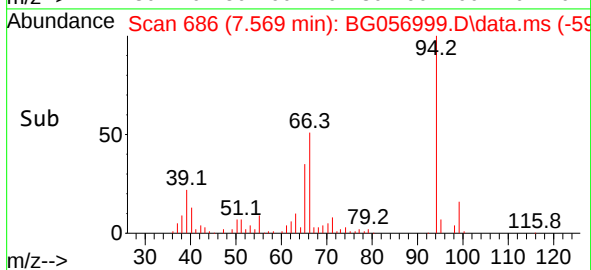
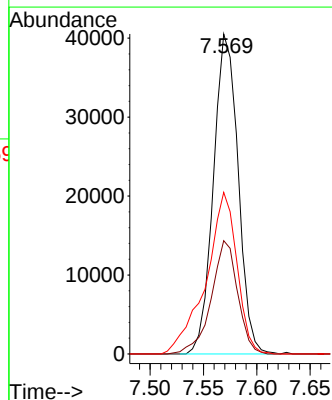
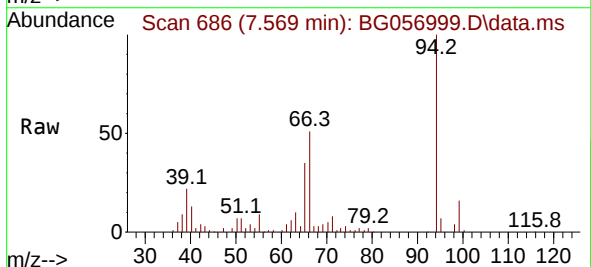
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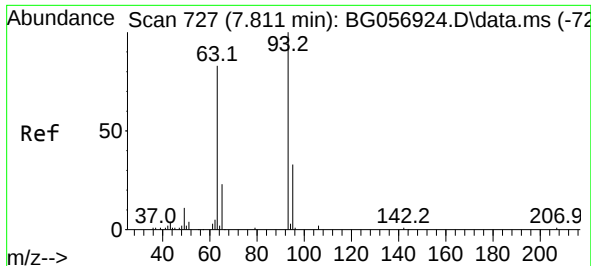
Tgt Ion: 77 Resp: 34448
Ion Ratio Lower Upper
77 100
105 89.3 73.6 113.6
106 85.1 56.7 96.7



#10
Phenol
Concen: 51.782 ng
RT: 7.569 min Scan# 686
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 94 Resp: 65210
Ion Ratio Lower Upper
94 100
65 35.4 13.3 53.3
66 50.5 26.7 66.7

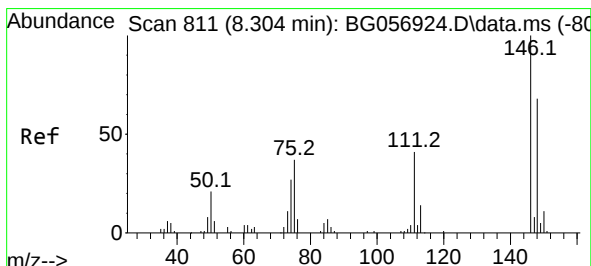
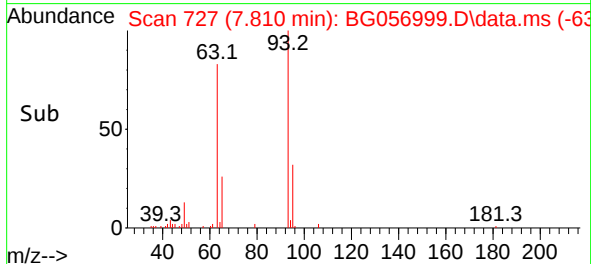
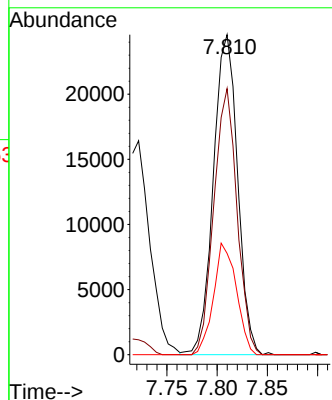
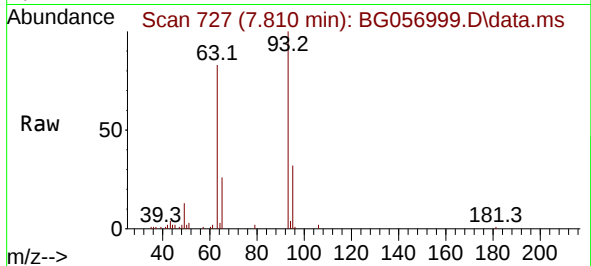




#11
bis(2-Chloroethyl)ether
Concen: 45.972 ng
RT: 7.810 min Scan# 710
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

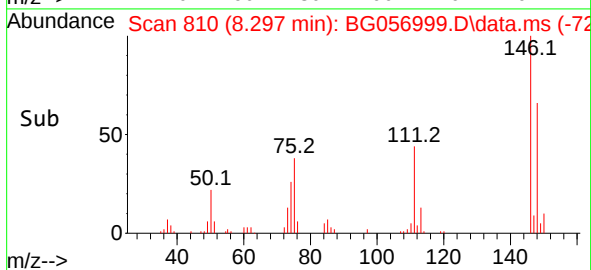
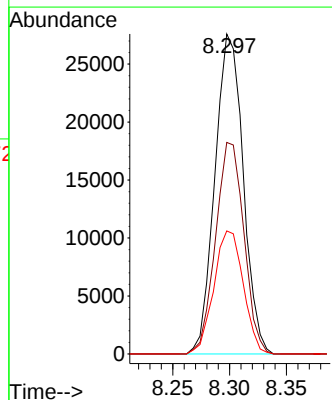
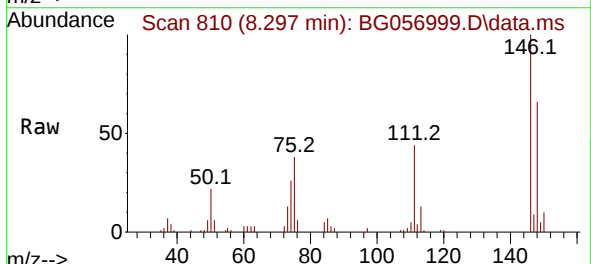
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion: 93 Resp: 41239
Ion Ratio Lower Upper
93 100
63 83.2 62.7 102.7
95 31.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.027 ng
RT: 8.297 min Scan# 810
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 146 Resp: 47723
Ion Ratio Lower Upper
146 100
148 66.1 54.2 81.4
75 38.4 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 51.509 ng

RT: 8.444 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

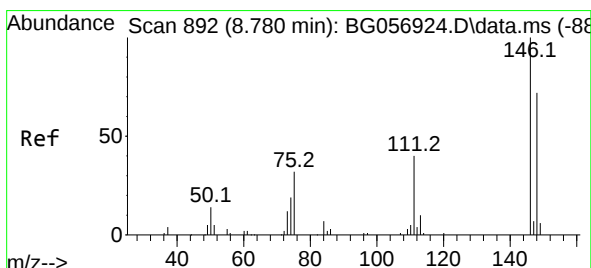
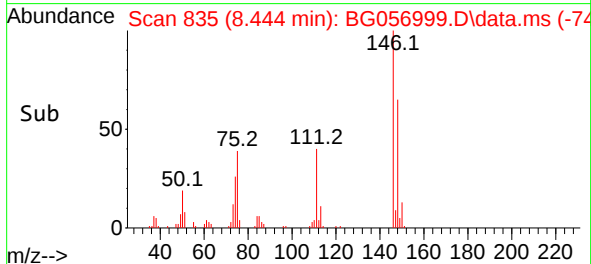
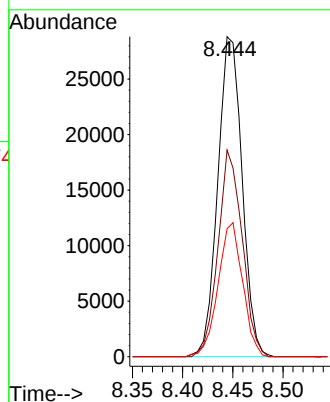
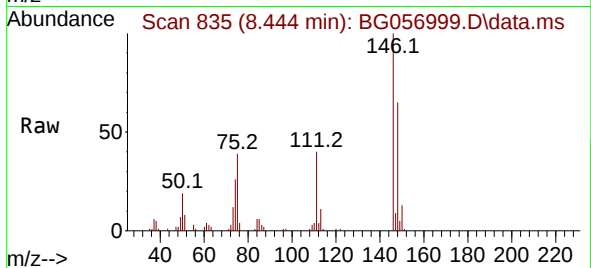
Tgt Ion:146 Resp: 48620

Ion Ratio Lower Upper

146 100

148 64.6 54.8 82.2

111 40.0 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 51.447 ng

RT: 8.773 min Scan# 891

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

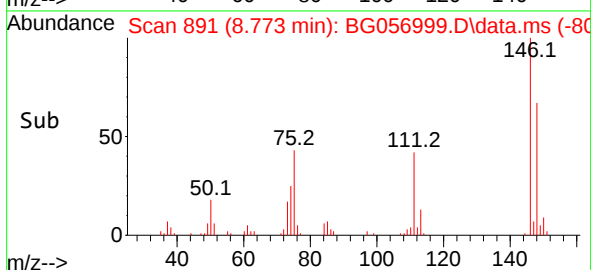
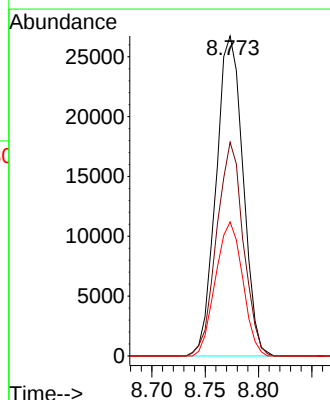
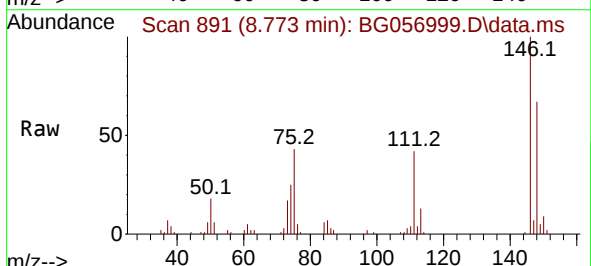
Tgt Ion:146 Resp: 46916

Ion Ratio Lower Upper

146 100

148 66.8 57.4 86.0

111 41.9 33.2 49.8

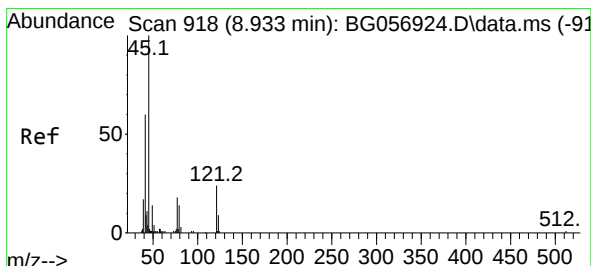
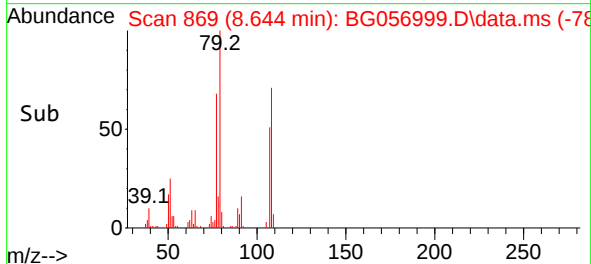
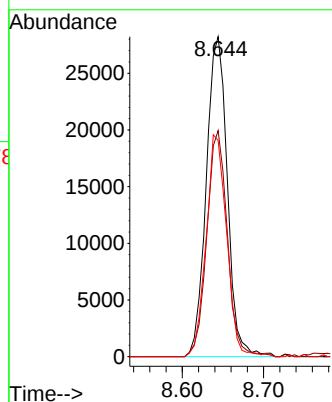
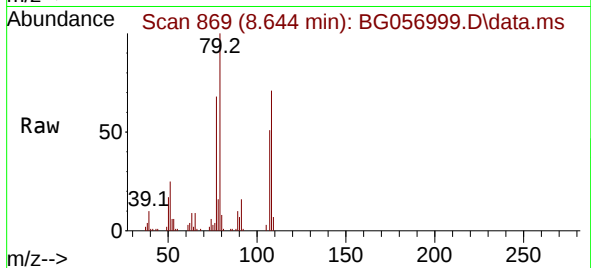




#15
Benzyl Alcohol
Concen: 48.078 ng
RT: 8.644 min Scan# 869
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

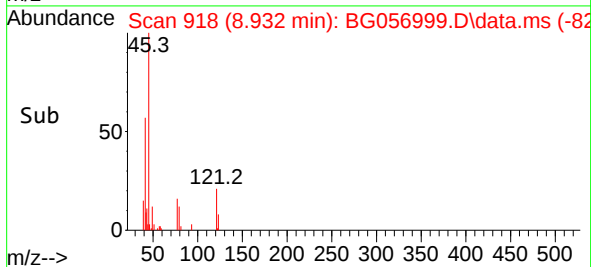
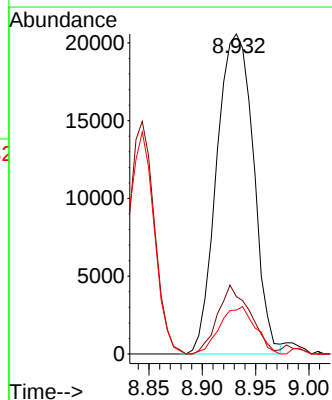
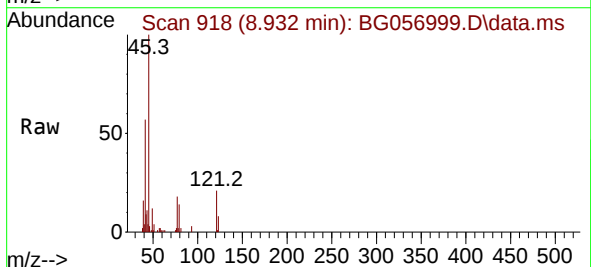
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion: 79 Resp: 50772
Ion Ratio Lower Upper
79 100
108 70.6 51.2 76.8
77 67.6 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.572 ng
RT: 8.932 min Scan# 918
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 45 Resp: 49267
Ion Ratio Lower Upper
45 100
77 18.0 0.0 38.7
79 13.7 0.0 35.1





#17

2-Methylphenol

Concen: 50.680 ng

RT: 8.844 min Scan# 90

Delta R.T. -0.005 min

Lab File: BG056999.D

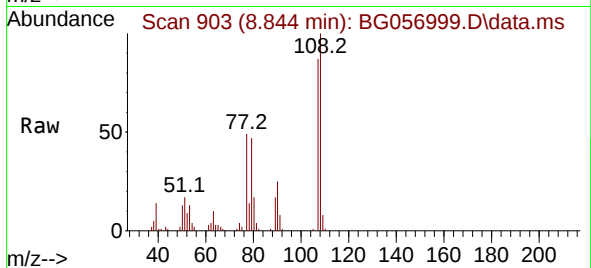
Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD



Tgt Ion:107 Resp: 45533

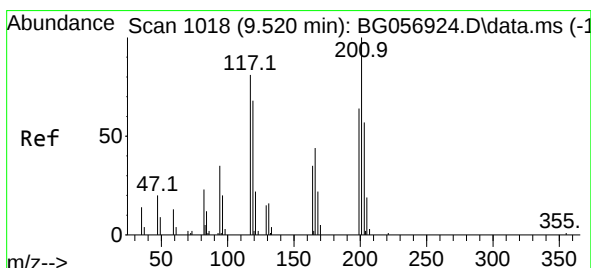
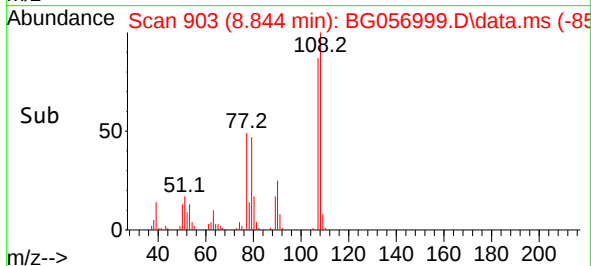
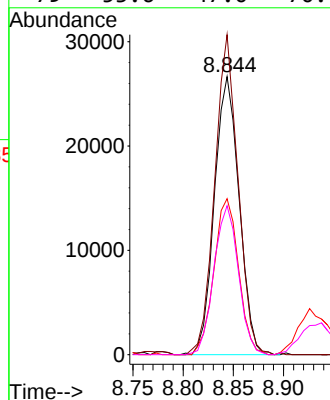
Ion Ratio Lower Upper

107 100

108 115.1 96.0 144.0

77 56.1 45.6 68.4

79 53.6 47.0 70.4



#18

Hexachloroethane

Concen: 48.936 ng

RT: 9.513 min Scan# 1017

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

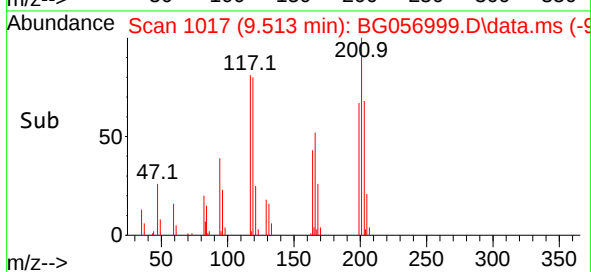
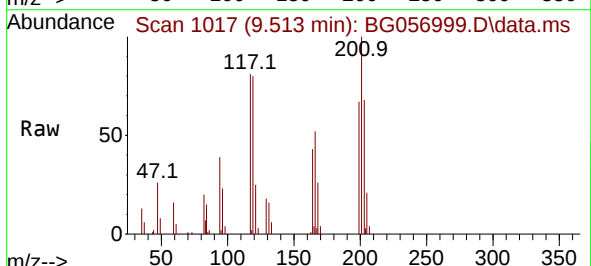
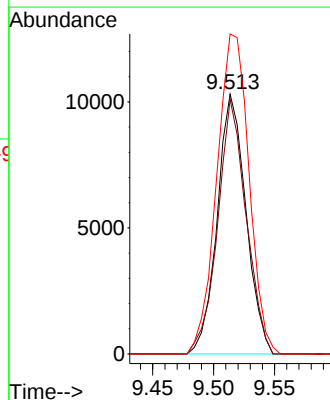
Tgt Ion:117 Resp: 16883

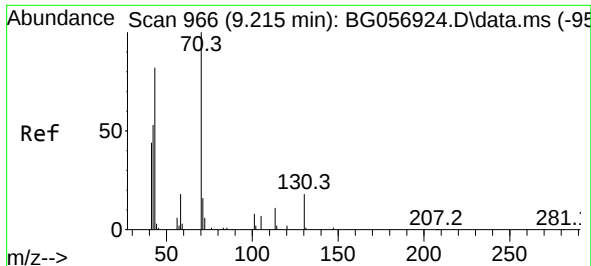
Ion Ratio Lower Upper

117 100

119 97.9 67.0 100.6

201 123.2 98.7 148.1

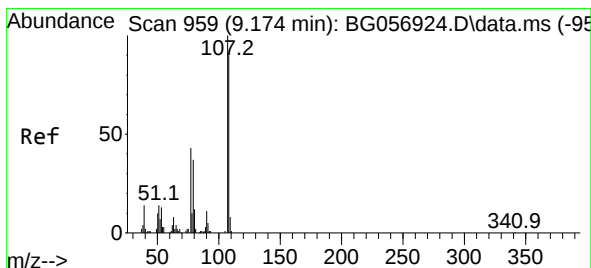
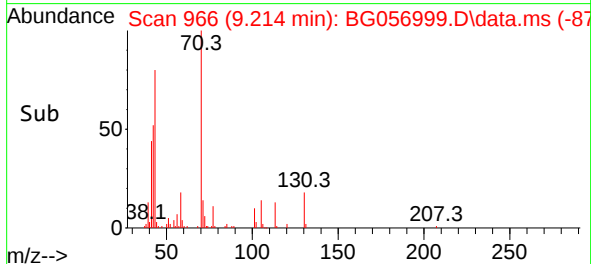
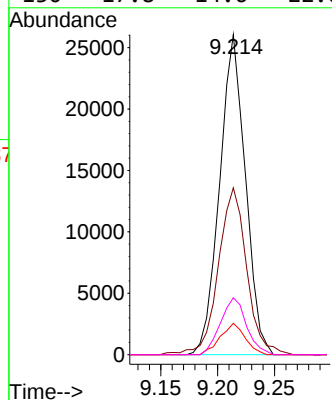
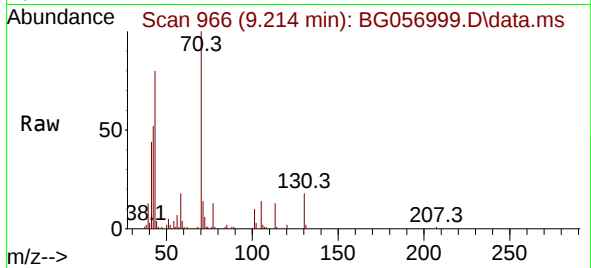




#19
n-Nitroso-di-n-propylamine
Concen: 45.171 ng
RT: 9.214 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

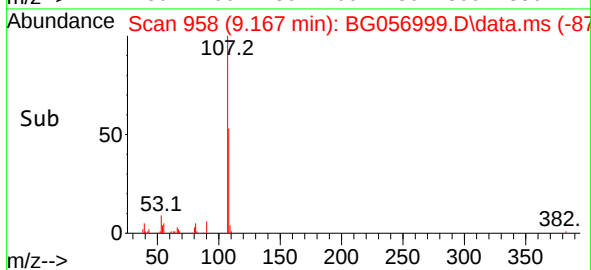
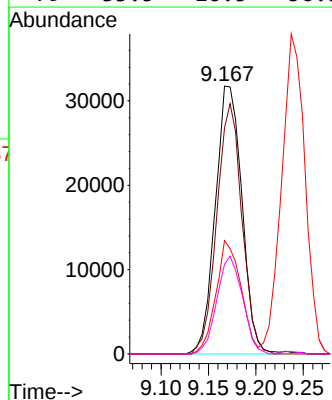
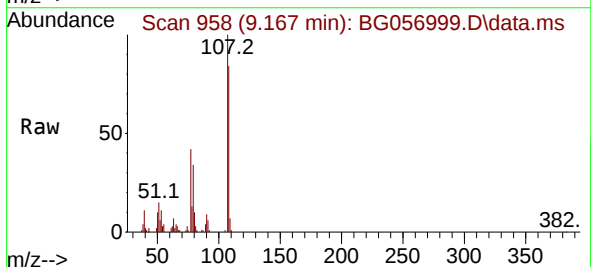
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

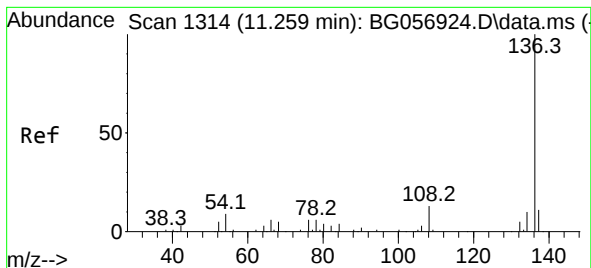
Tgt Ion: 70 Resp: 41063
Ion Ratio Lower Upper
70 100
42 52.1 43.4 65.0
101 9.8 6.2 9.2#
130 17.8 14.6 22.0



#20
3+4-Methylphenols
Concen: 49.294 ng
RT: 9.167 min Scan# 958
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 107 Resp: 61929
Ion Ratio Lower Upper
107 100
108 84.4 69.9 109.9
77 42.3 22.7 62.7
79 33.5 16.5 56.5

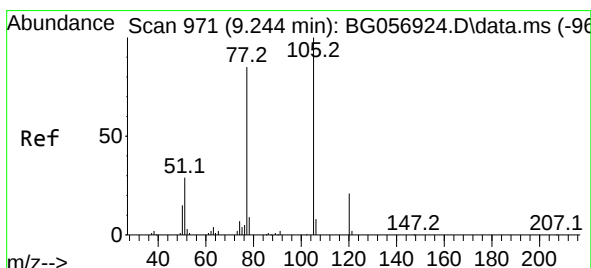
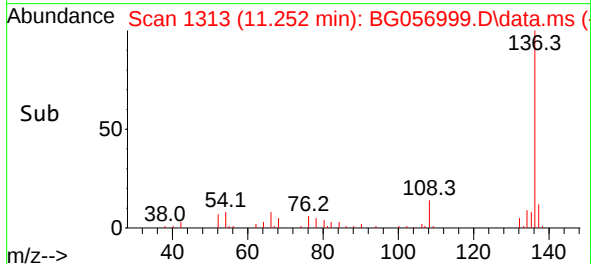
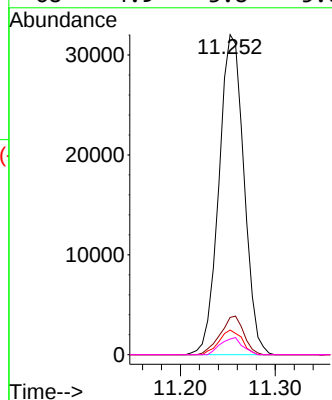
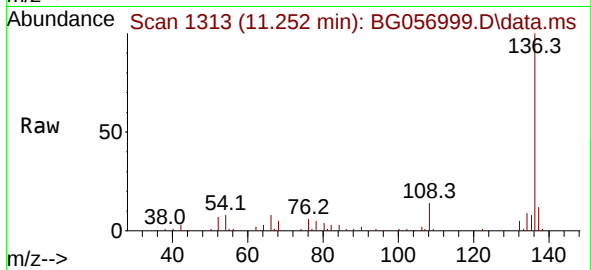




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.252 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

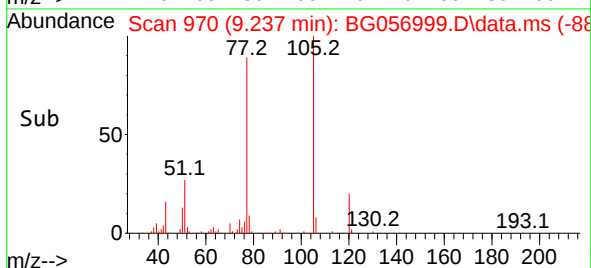
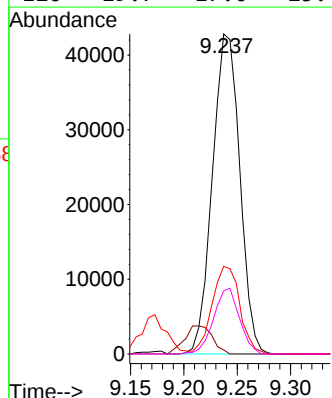
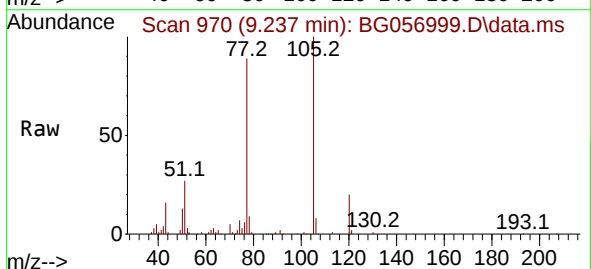
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

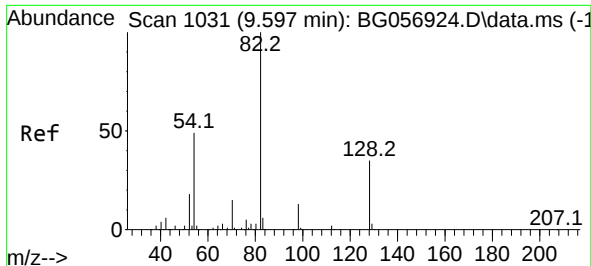
Tgt Ion:	136	Resp:	58644
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	7.7	6.9	10.3
68	4.9	3.8	5.6



#22
Acetophenone
Concen: 43.763 ng
RT: 9.237 min Scan# 970
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:	105	Resp:	76368
Ion Ratio	Lower	Upper	
105	100		
71	1.2	0.7	1.1#
51	27.4	23.8	35.8
120	19.7	17.0	25.4

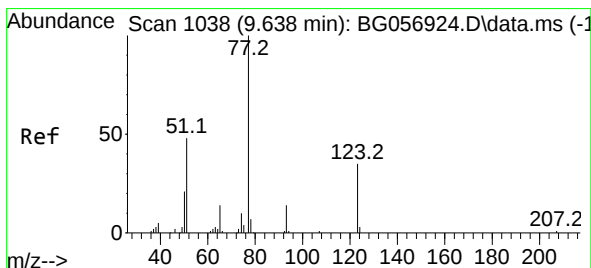
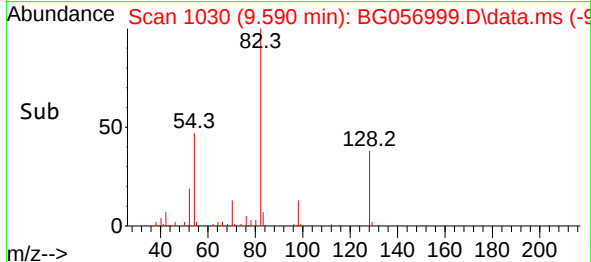
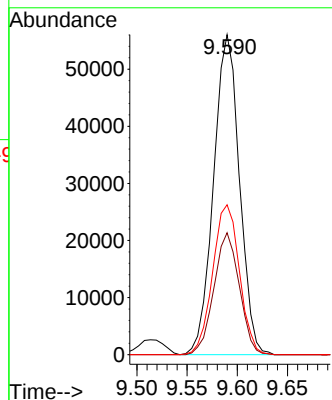
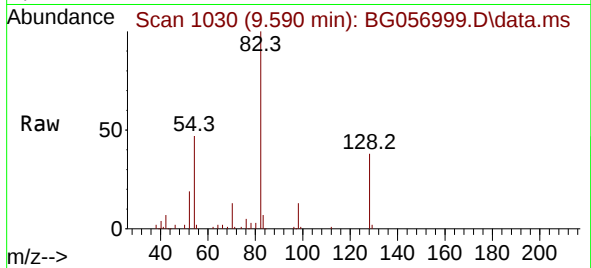




#23
Nitrobenzene-d5
Concen: 70.114 ng
RT: 9.590 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

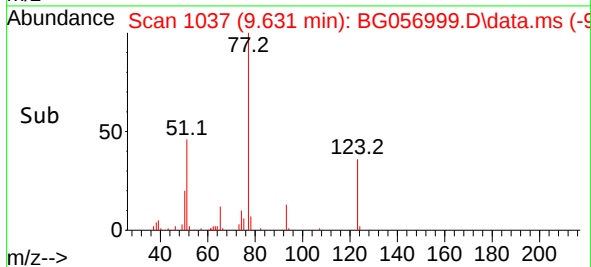
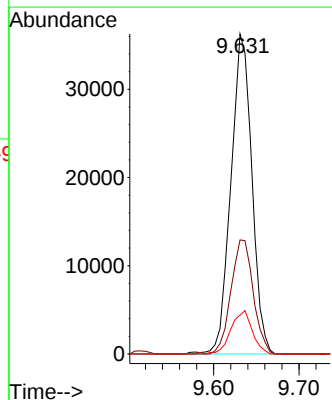
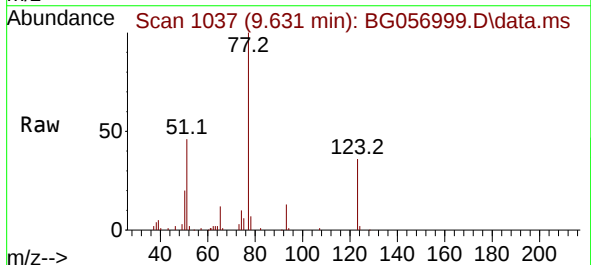
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

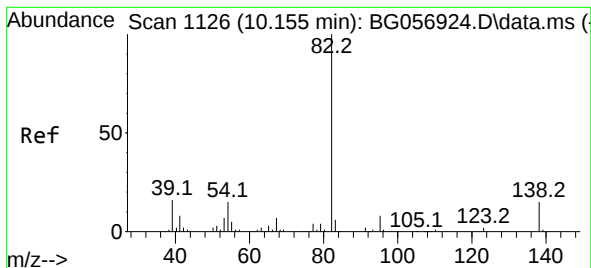
Tgt Ion: 82 Resp: 100489
Ion Ratio Lower Upper
82 100
128 38.1 27.9 41.9
54 46.8 39.4 59.2



#24
Nitrobenzene
Concen: 42.347 ng
RT: 9.631 min Scan# 1037
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 77 Resp: 62052
Ion Ratio Lower Upper
77 100
123 35.6 27.6 41.4
65 12.1 11.5 17.3





#25

Isophorone

Concen: 40.781 ng

RT: 10.154 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

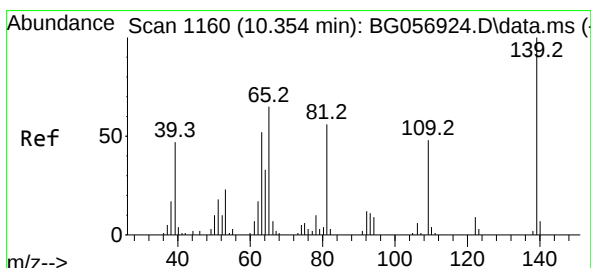
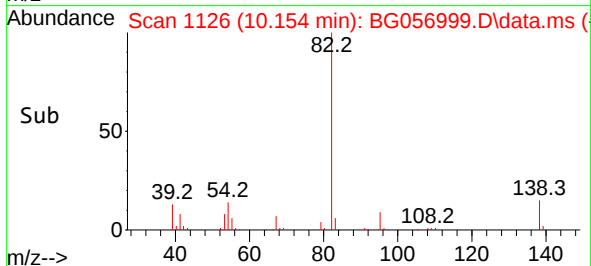
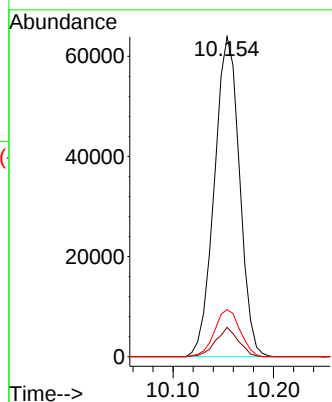
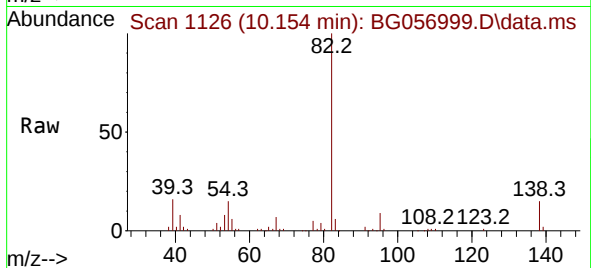
Tgt Ion: 82 Resp: 111301

Ion Ratio Lower Upper

82 100

95 9.1 6.3 9.5

138 14.7 11.8 17.8



#26

2-Nitrophenol

Concen: 47.785 ng

RT: 10.348 min Scan# 1159

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

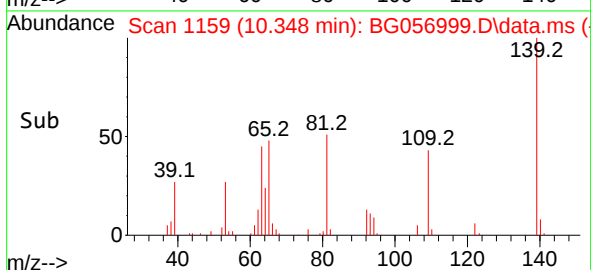
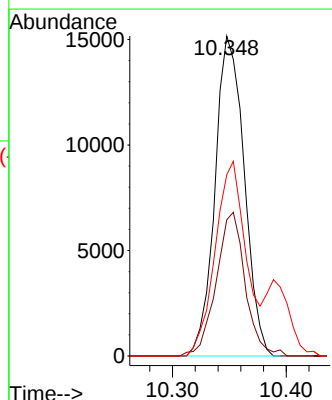
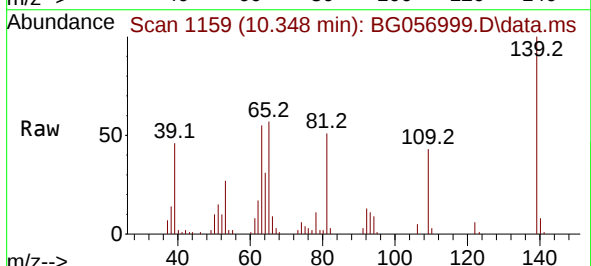
Tgt Ion:139 Resp: 27027

Ion Ratio Lower Upper

139 100

109 42.5 38.2 57.4

65 56.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 47.133 ng

RT: 10.389 min Scan# 1166

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

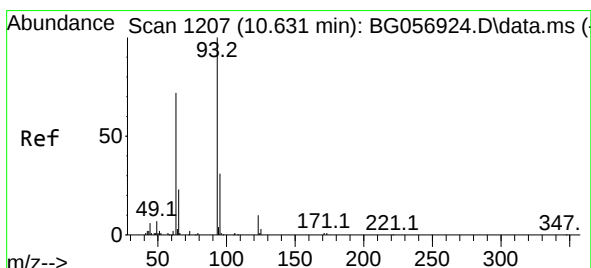
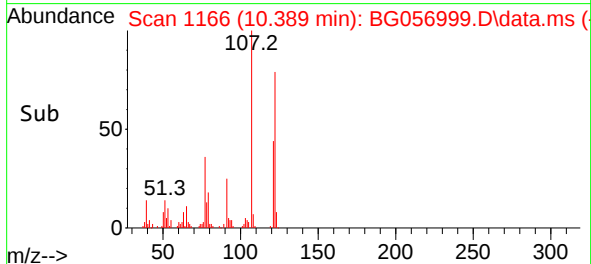
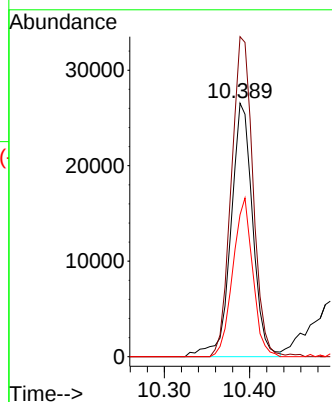
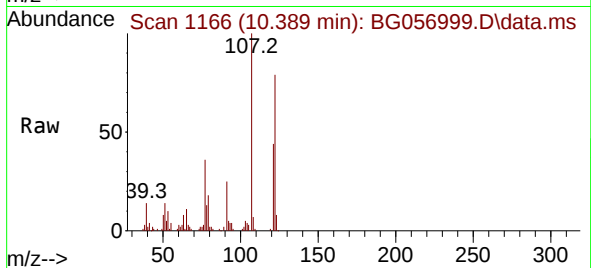
Tgt Ion:122 Resp: 47068

Ion Ratio Lower Upper

122 100

107 126.3 105.7 158.5

121 56.0 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.668 ng

RT: 10.630 min Scan# 1207

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

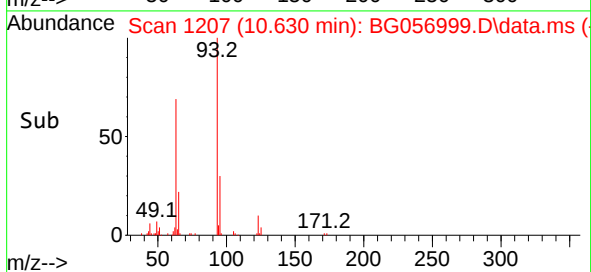
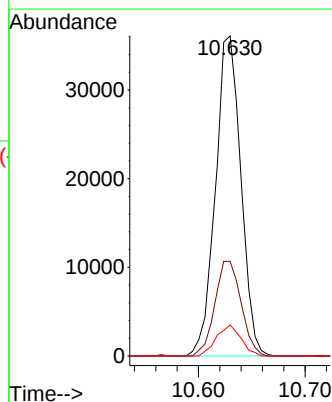
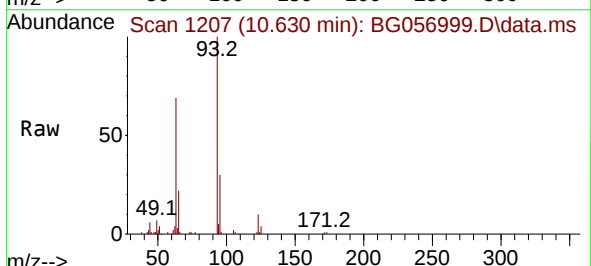
Tgt Ion: 93 Resp: 59666

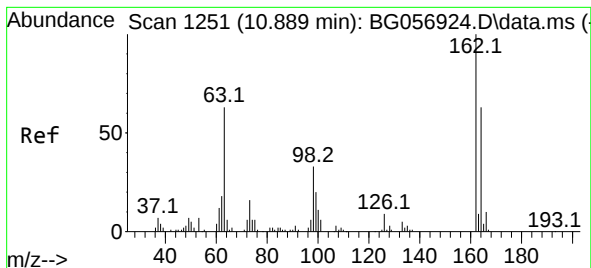
Ion Ratio Lower Upper

93 100

95 29.6 24.6 37.0

123 9.7 7.8 11.6

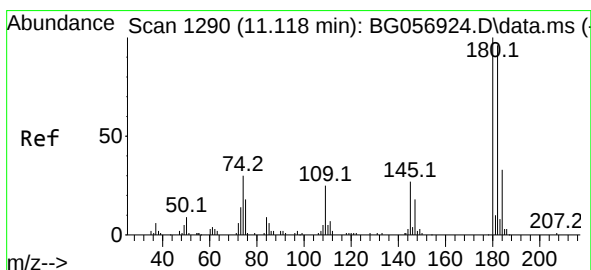
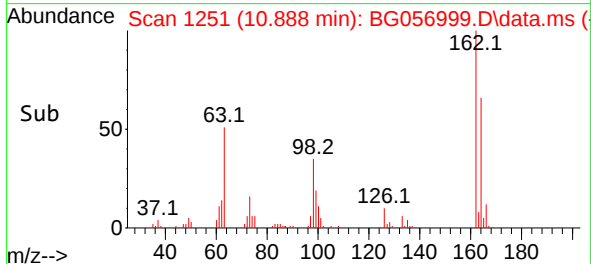
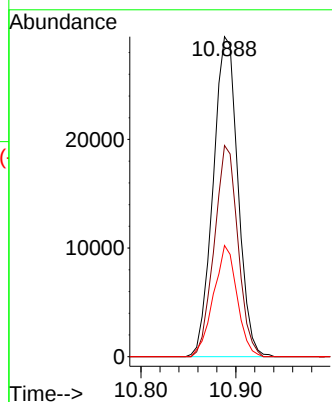
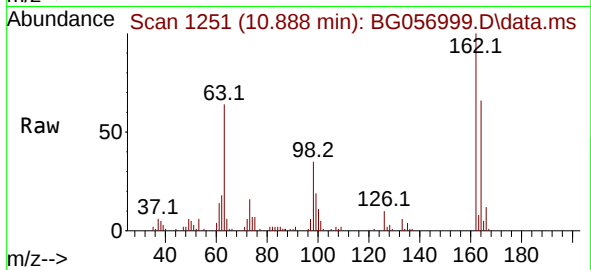




#29
2,4-Dichlorophenol
Concen: 49.734 ng
RT: 10.888 min Scan# 1251
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

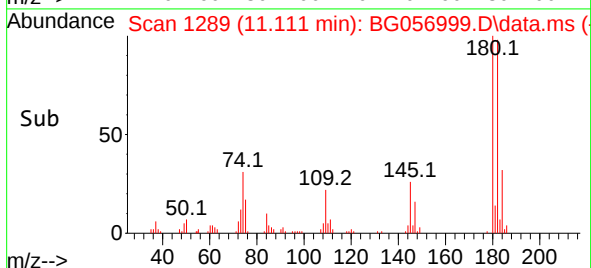
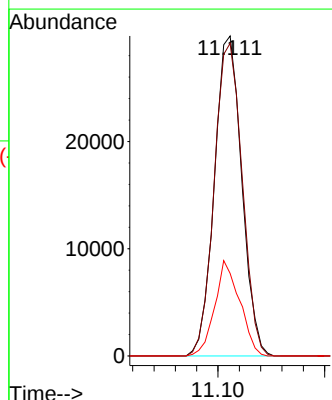
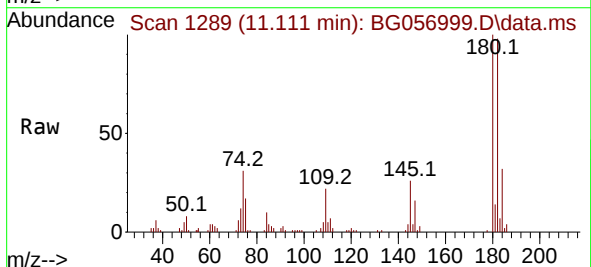
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion:162 Resp: 53412
Ion Ratio Lower Upper
162 100
164 66.0 43.4 83.4
98 34.8 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 46.518 ng
RT: 11.111 min Scan# 1289
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

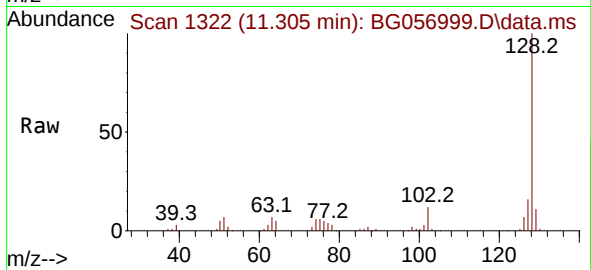
Tgt Ion:180 Resp: 53082
Ion Ratio Lower Upper
180 100
182 97.7 77.1 115.7
145 25.8 21.3 31.9



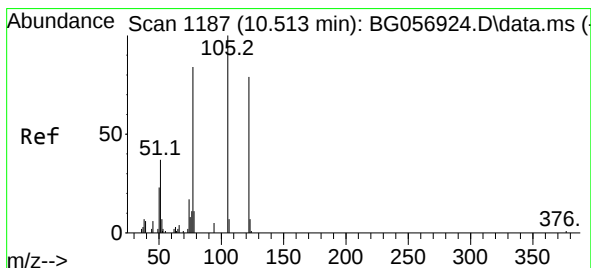
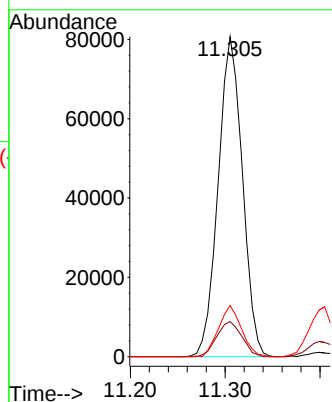
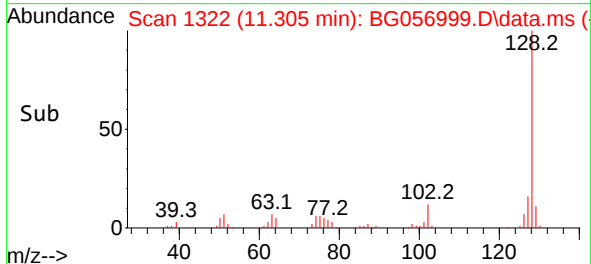


#31
Naphthalene
Concen: 44.840 ng
RT: 11.305 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

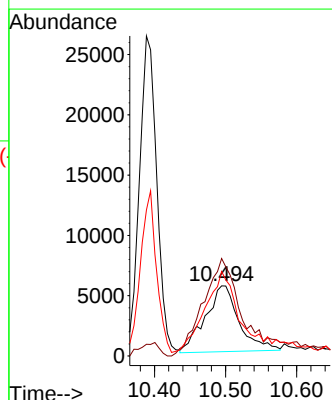
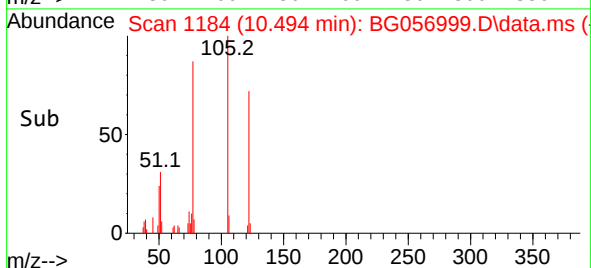
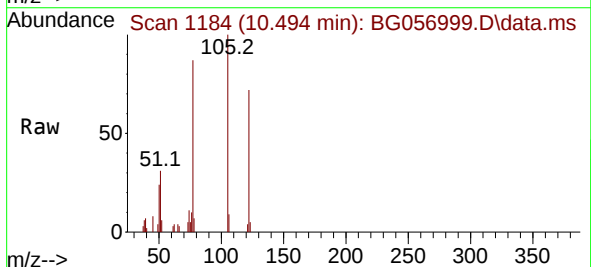


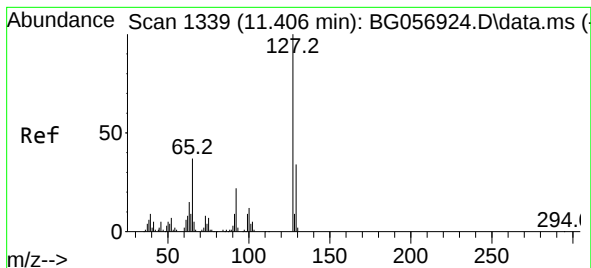
Tgt Ion:128 Resp: 143330
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 16.0 12.2 18.4



#32
Benzoic acid
Concen: 26.368 ng
RT: 10.494 min Scan# 1184
Delta R.T. -0.034 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:122 Resp: 18087
Ion Ratio Lower Upper
122 100
105 138.8 105.4 145.4
77 120.4 87.4 127.4

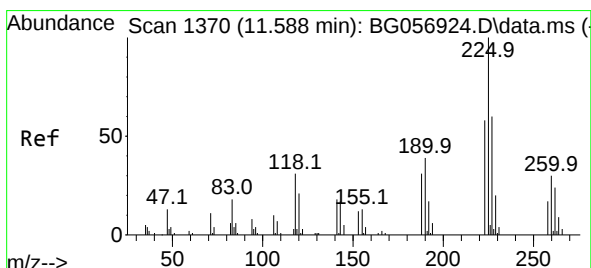
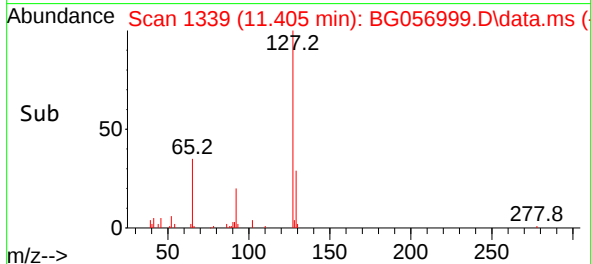
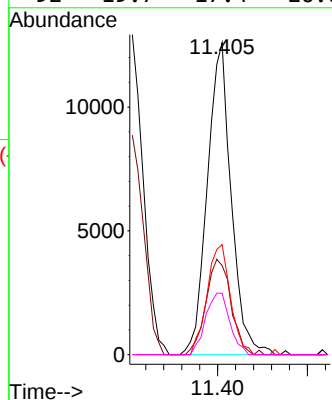
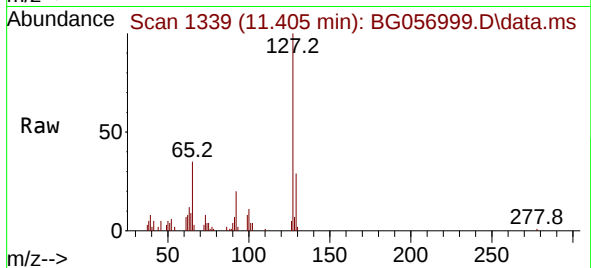




#33
4-Chloroaniline
Concen: 16.094 ng
RT: 11.405 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

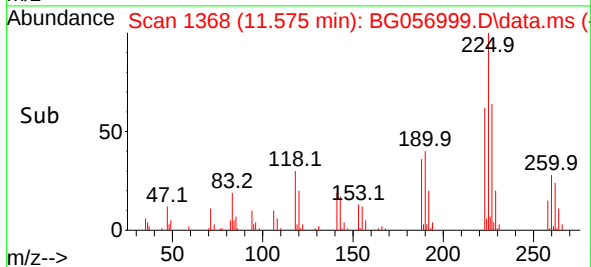
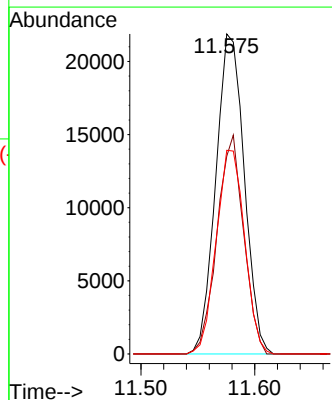
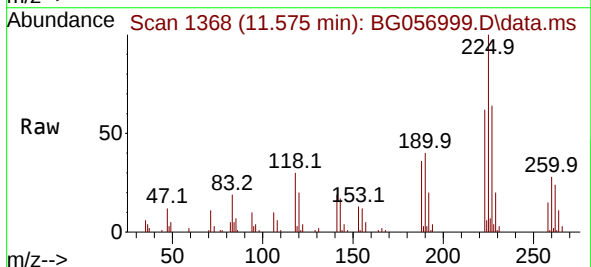
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

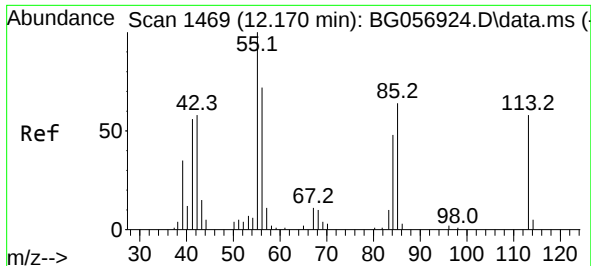
Tgt Ion:	127	Resp:	23234
Ion	Ratio	Lower	Upper
127	100		
129	28.6	27.6	41.4
65	35.3	29.8	44.8
92	19.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 44.343 ng
RT: 11.575 min Scan# 1368
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:	225	Resp:	38010
Ion	Ratio	Lower	Upper
225	100		
223	61.8	46.4	69.6
227	63.6	48.0	72.0

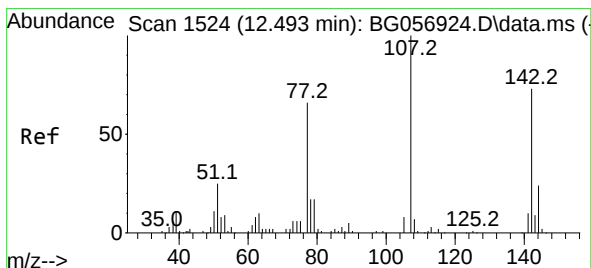
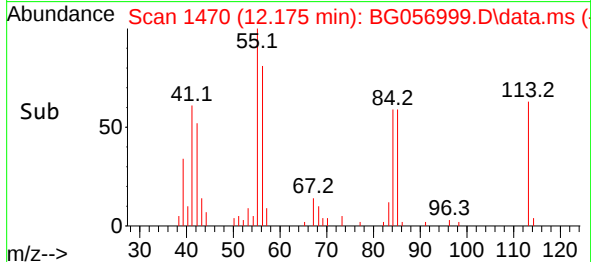
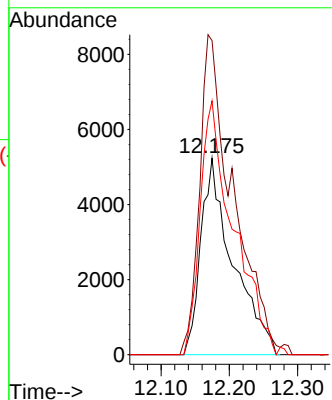
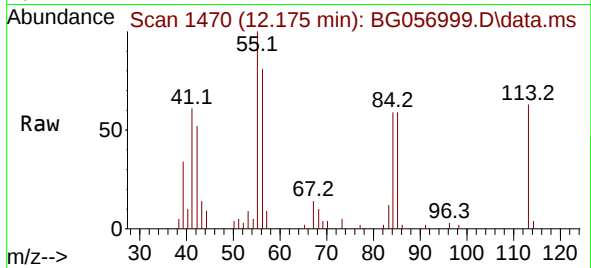




#35
Caprolactam
Concen: 46.159 ng
RT: 12.175 min Scan# 1469
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

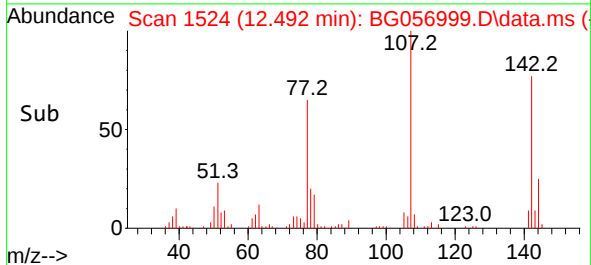
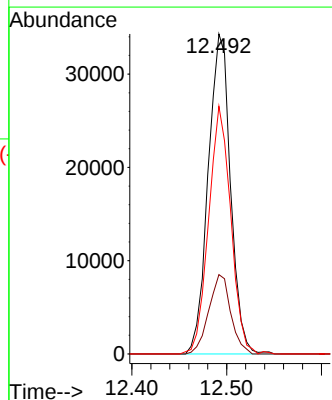
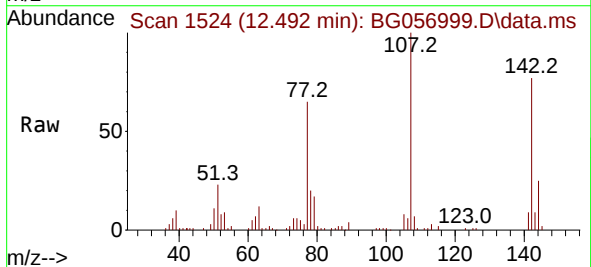
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

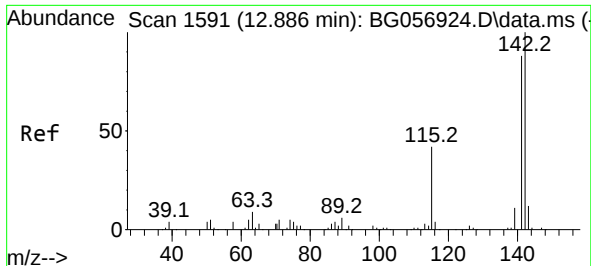
Tgt Ion:113 Resp: 17096
Ion Ratio Lower Upper
113 100
55 159.8 151.6 191.6
56 129.1 103.7 143.7



#36
4-Chloro-3-methylphenol
Concen: 46.696 ng
RT: 12.492 min Scan# 1524
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:107 Resp: 56083
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 77.4 58.6 88.0





#37

2-Methylnaphthalene

Concen: 42.341 ng

RT: 12.879 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

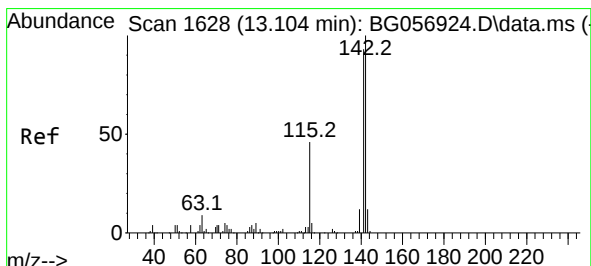
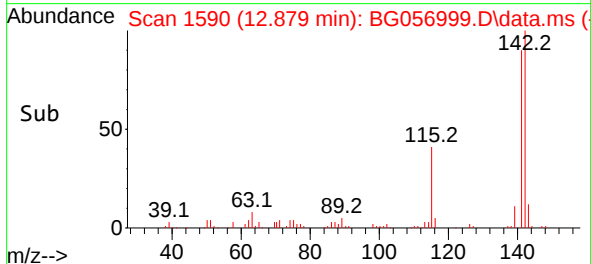
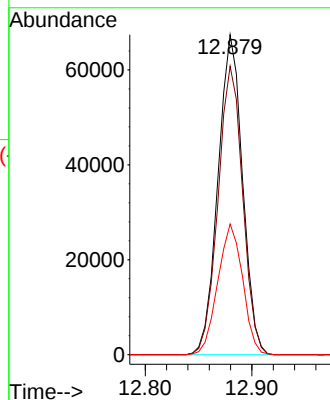
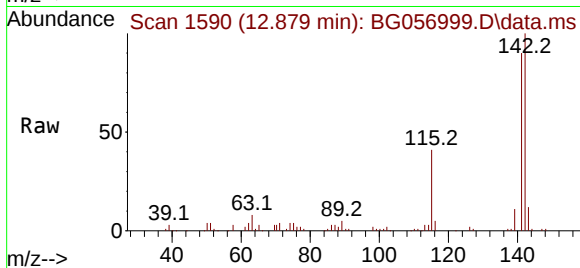
Tgt Ion:142 Resp: 107418

Ion Ratio Lower Upper

142 100

141 90.2 70.3 105.5

115 40.8 33.5 50.3



#38

1-Methylnaphthalene

Concen: 42.644 ng

RT: 13.097 min Scan# 1627

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

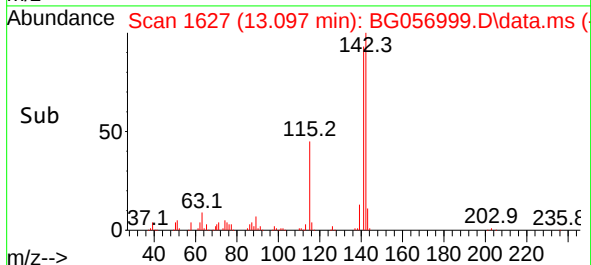
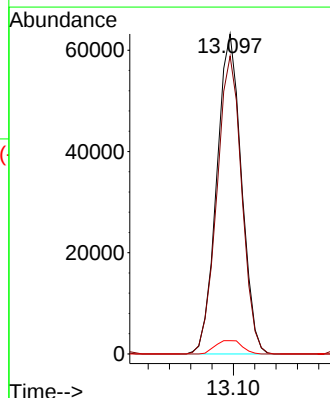
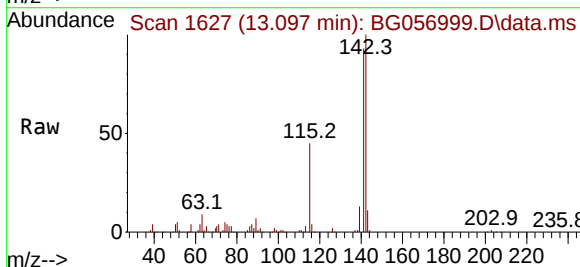
Tgt Ion:142 Resp: 101586

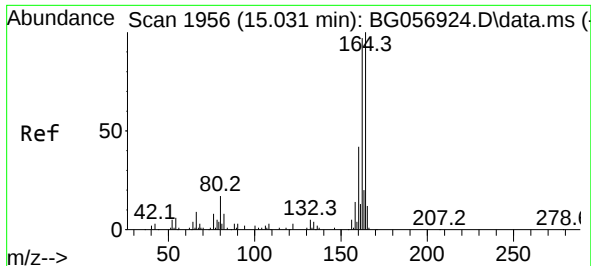
Ion Ratio Lower Upper

142 100

141 93.1 74.0 111.0

116 4.2 3.7 5.5

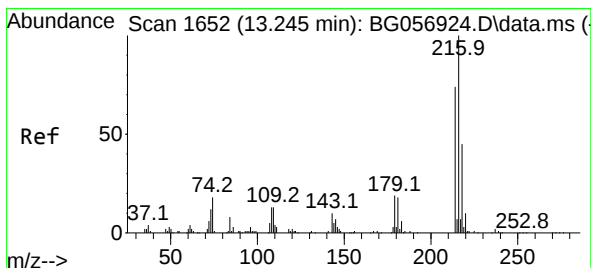
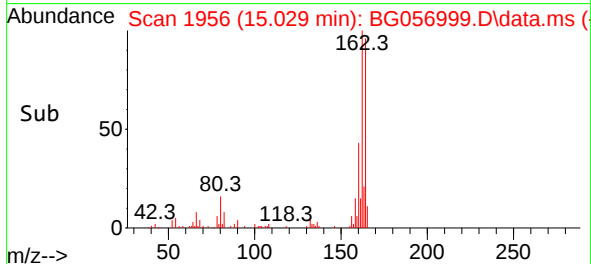
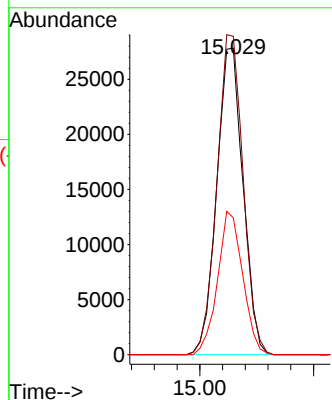
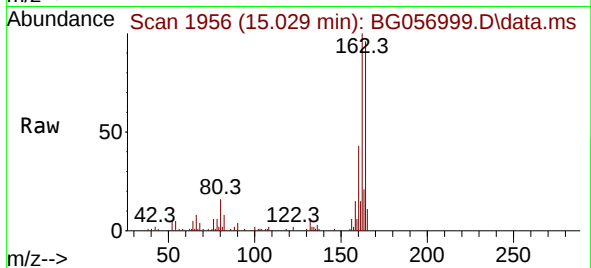




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

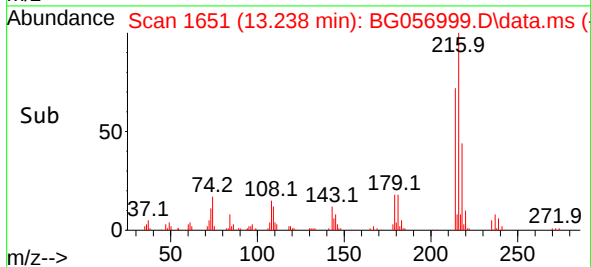
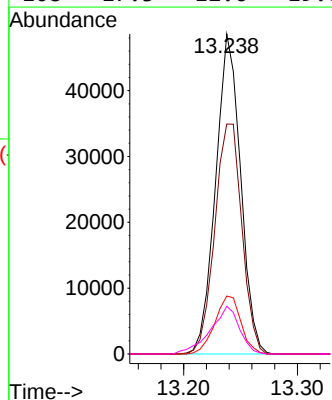
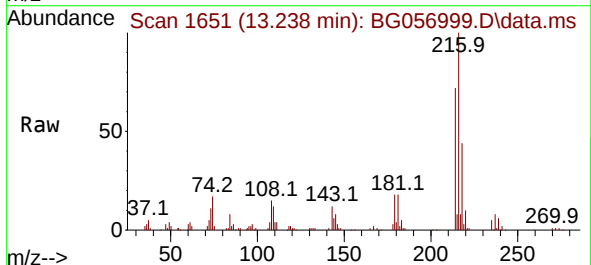
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

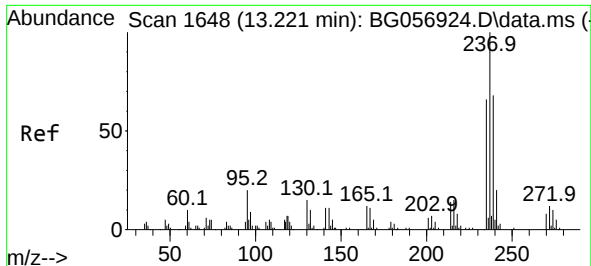
Tgt Ion:164 Resp: 44753
Ion Ratio Lower Upper
164 100
162 103.8 77.8 116.8
160 44.6 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.737 ng
RT: 13.238 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

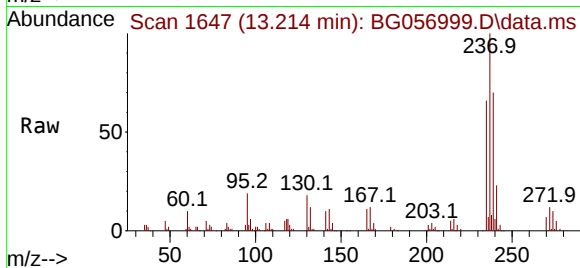
Tgt Ion:216 Resp: 74083
Ion Ratio Lower Upper
216 100
214 78.0 63.3 94.9
179 18.9 15.0 22.6
108 17.3 12.6 19.0



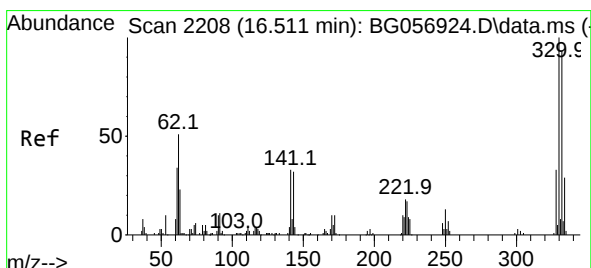
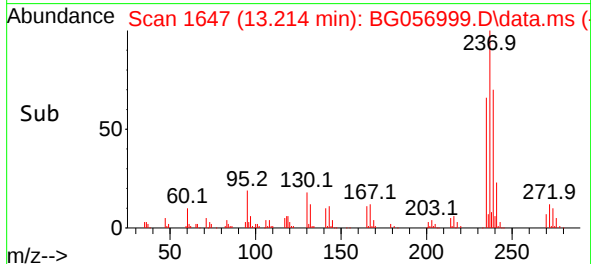
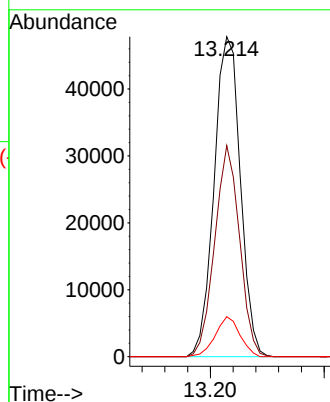


#41
Hexachlorocyclopentadiene
Concen: 89.608 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

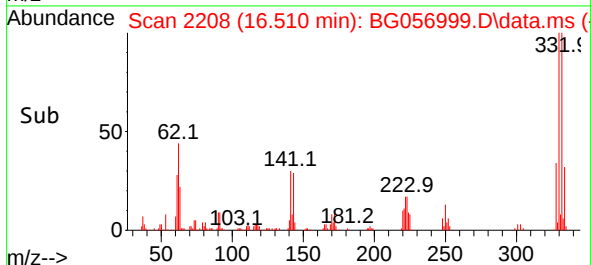
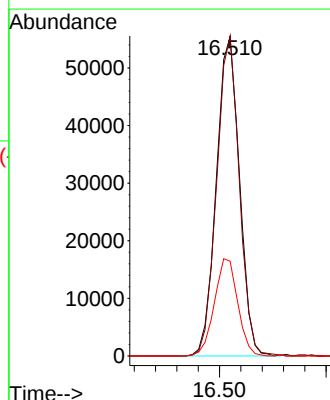
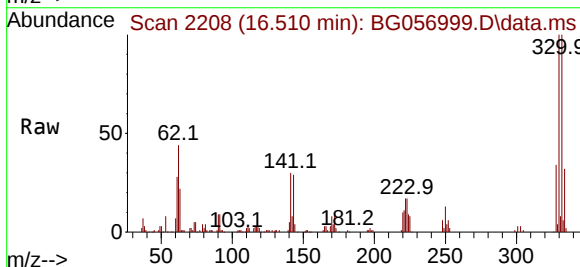


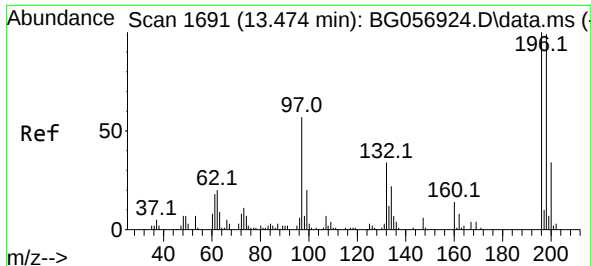
Tgt Ion:237 Resp: 76620
Ion Ratio Lower Upper
237 100
235 66.0 45.9 85.9
272 12.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 116.394 ng
RT: 16.510 min Scan# 2208
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:330 Resp: 83215
Ion Ratio Lower Upper
330 100
332 97.8 76.1 114.1
141 30.8 25.8 38.6

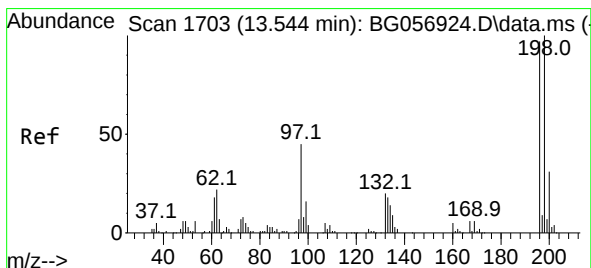
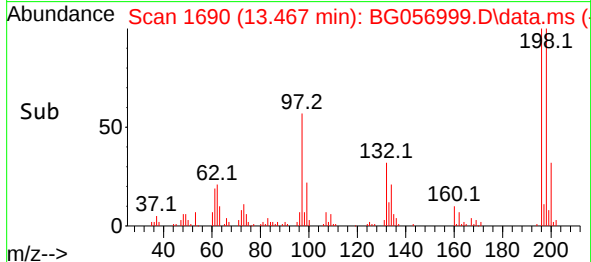
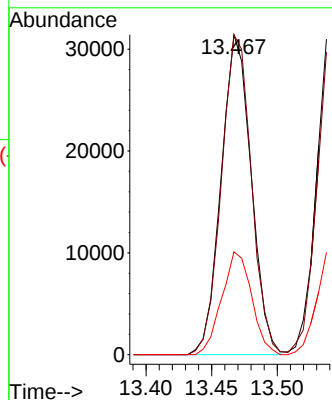
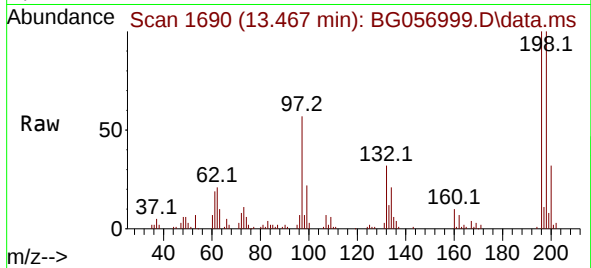




#43
2,4,6-Trichlorophenol
Concen: 50.467 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

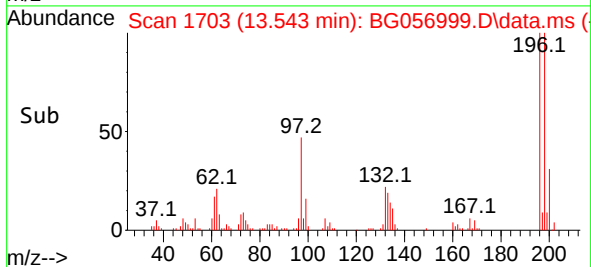
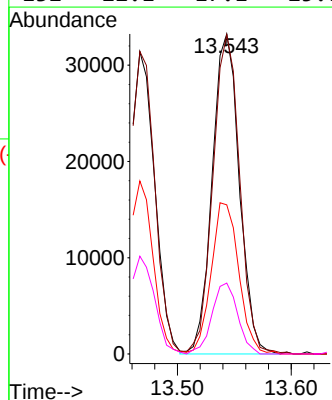
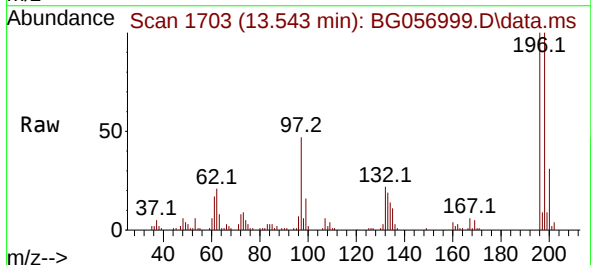
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

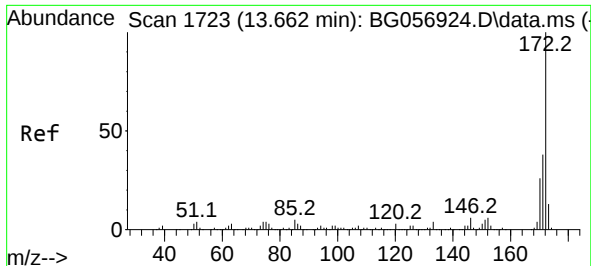
Tgt Ion:196 Resp: 49979
Ion Ratio Lower Upper
196 100
198 100.1 79.1 118.7
200 32.2 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 46.983 ng
RT: 13.543 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:196 Resp: 55120
Ion Ratio Lower Upper
196 100
198 99.8 82.5 123.7
97 46.6 37.0 55.6
132 22.1 17.1 25.7

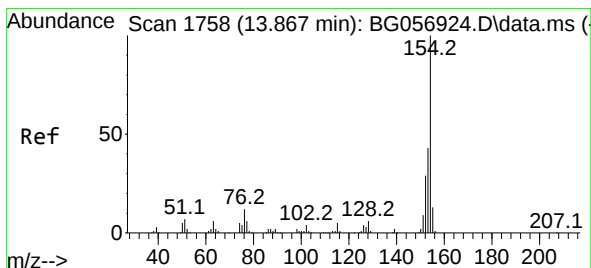
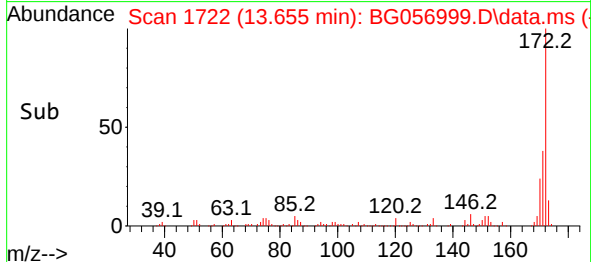
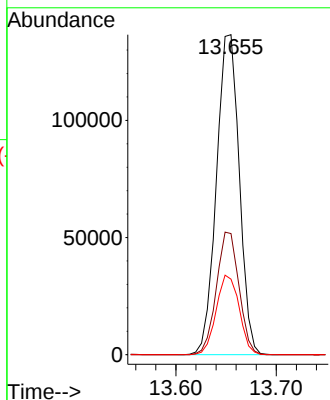
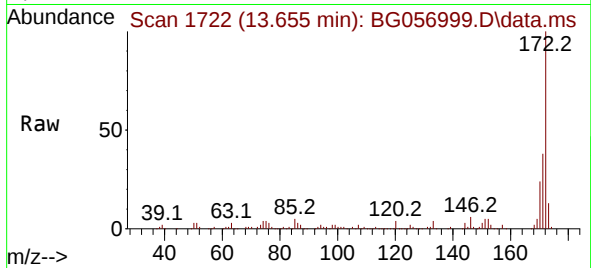




#45
2-Fluorobiphenyl
Concen: 65.306 ng
RT: 13.655 min Scan# 1722
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

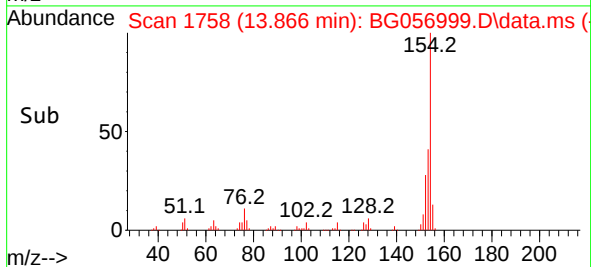
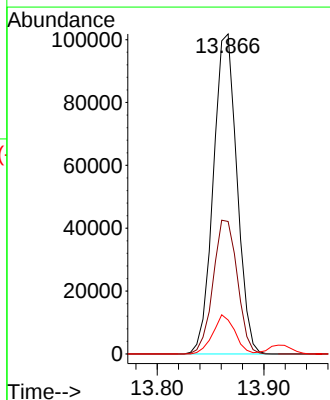
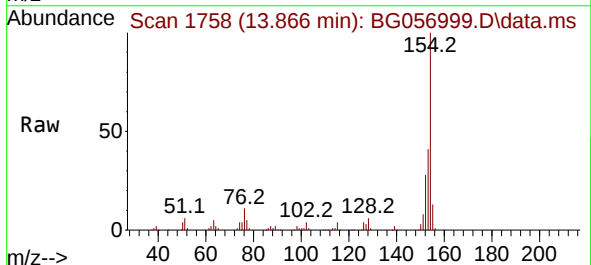
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion:172 Resp: 215531
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 23.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 47.755 ng
RT: 13.866 min Scan# 1758
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:154 Resp: 156448
Ion Ratio Lower Upper
154 100
153 41.4 23.4 63.4
76 10.6 0.0 31.6

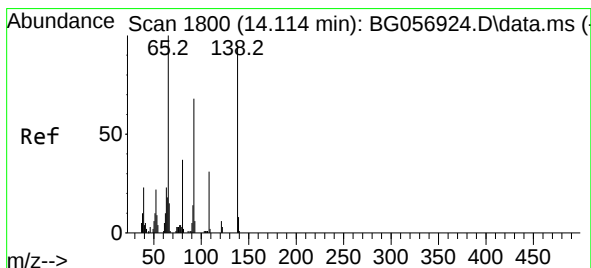
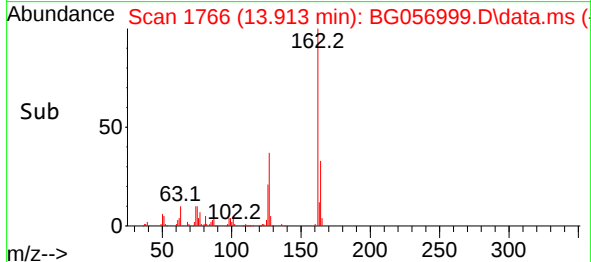
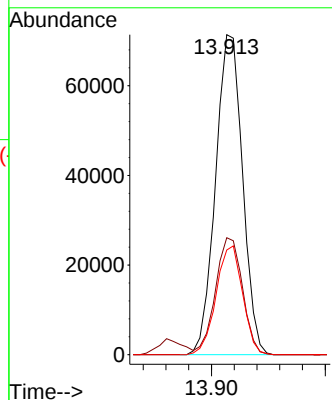
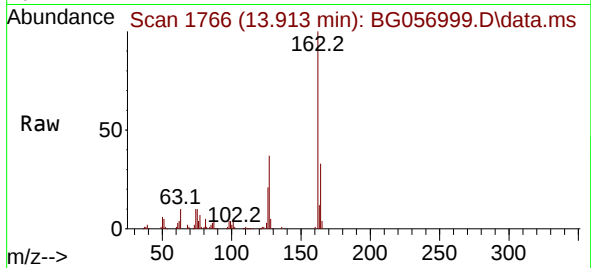




#47
2-Chloronaphthalene
Concen: 48.593 ng
RT: 13.913 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

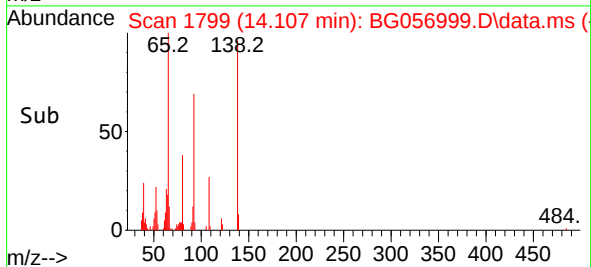
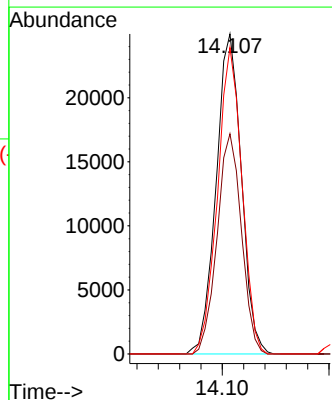
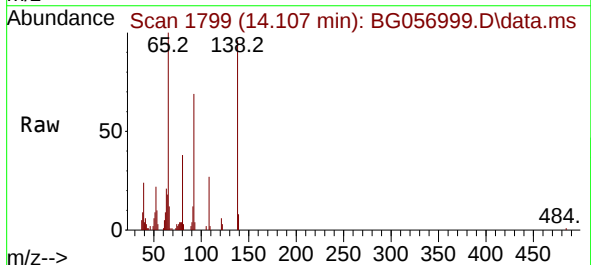
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion:162 Resp: 117738
Ion Ratio Lower Upper
162 100
127 36.5 29.5 44.3
164 32.7 25.5 38.3



#48
2-Nitroaniline
Concen: 47.281 ng
RT: 14.107 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion: 65 Resp: 40963
Ion Ratio Lower Upper
65 100
92 68.8 54.3 81.5
138 95.8 76.0 114.0

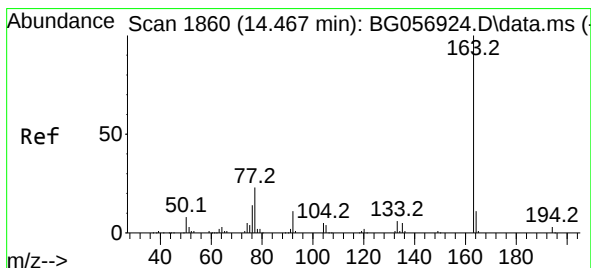
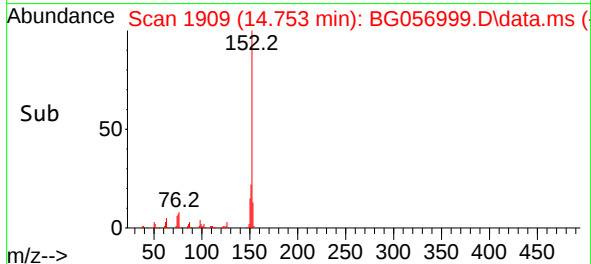
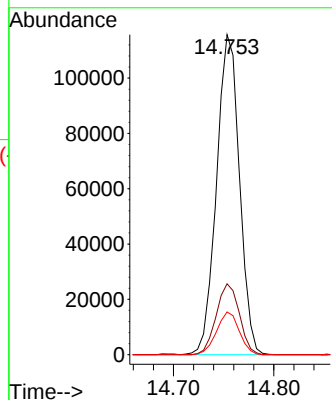
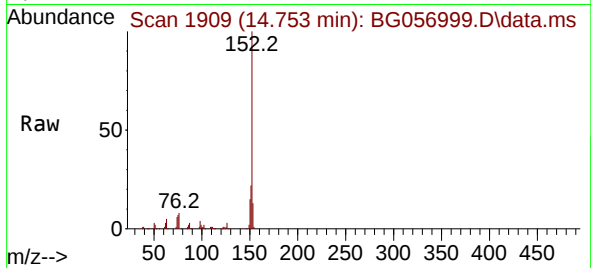




#49
Acenaphthylene
Concen: 46.040 ng
RT: 14.753 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

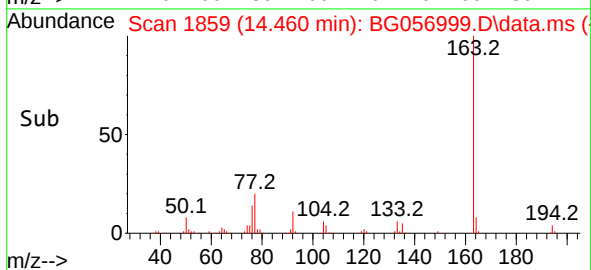
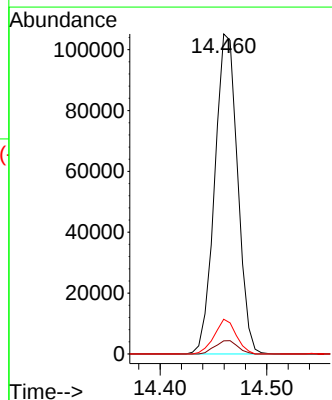
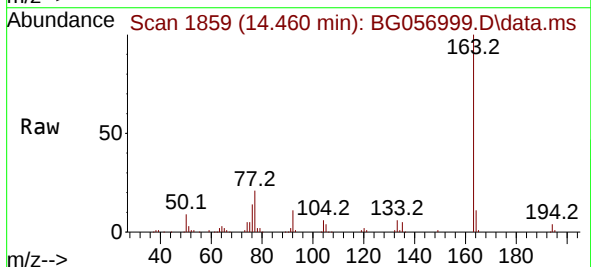
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

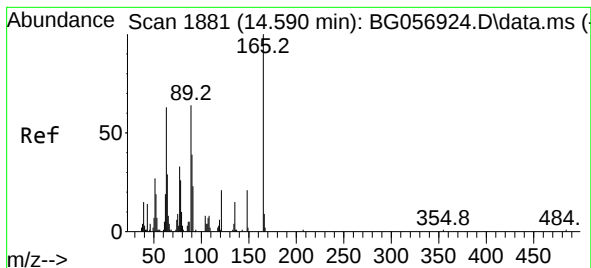
Tgt Ion:152 Resp: 183283
Ion Ratio Lower Upper
152 100
151 22.2 18.2 27.2
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 44.320 ng
RT: 14.460 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:163 Resp: 156281
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.8 8.8 13.2

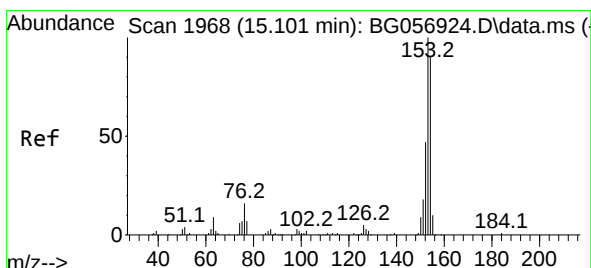
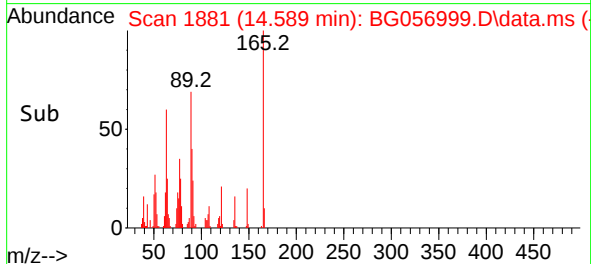
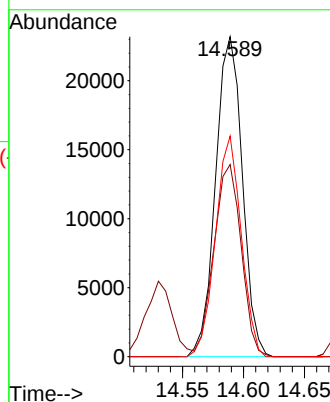
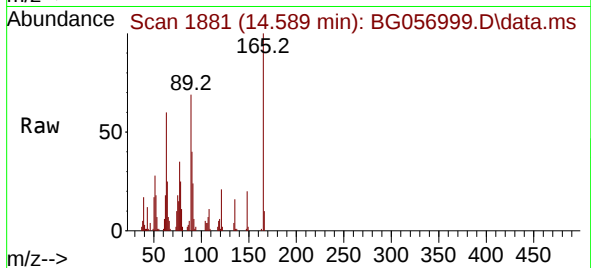




#51
2,6-Dinitrotoluene
Concen: 46.597 ng
RT: 14.589 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

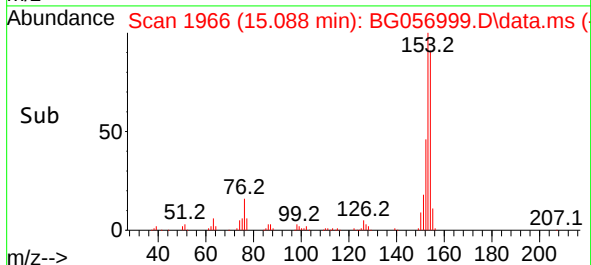
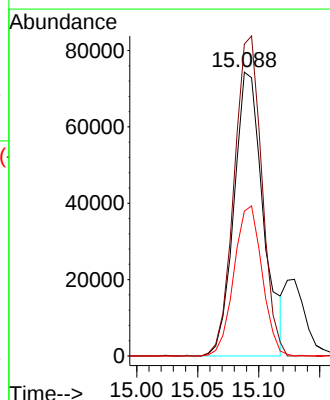
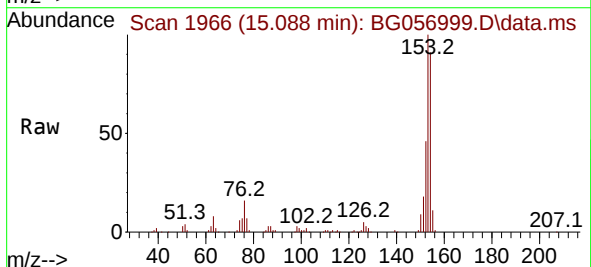
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Tgt Ion:165 Resp: 35501
Ion Ratio Lower Upper
165 100
63 60.1 53.0 79.6
89 69.0 51.0 76.4



#52
Acenaphthene
Concen: 45.076 ng
RT: 15.088 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:154 Resp: 123758
Ion Ratio Lower Upper
154 100
153 109.8 88.9 133.3
152 51.0 41.8 62.8

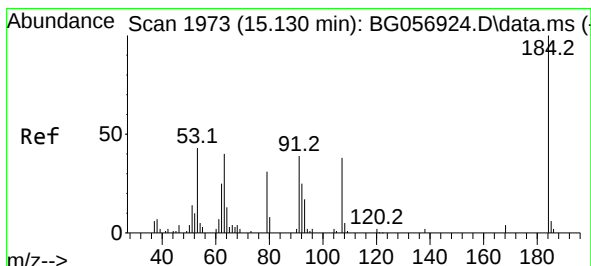
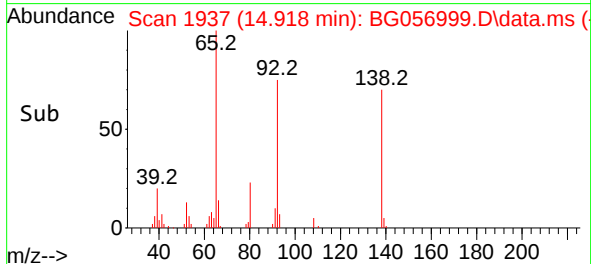
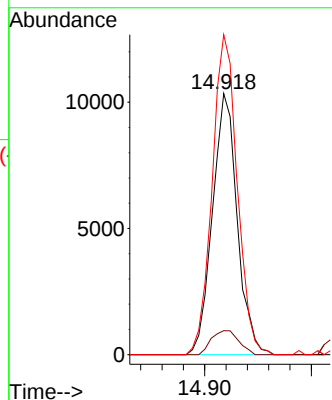
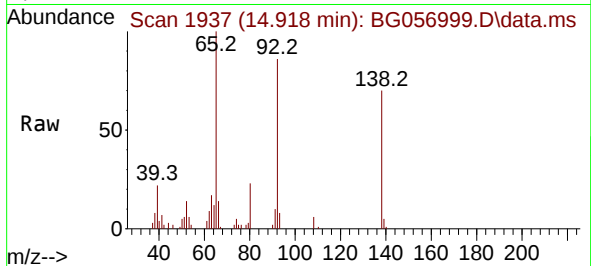




#53
3-Nitroaniline
Concen: 22.084 ng
RT: 14.918 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

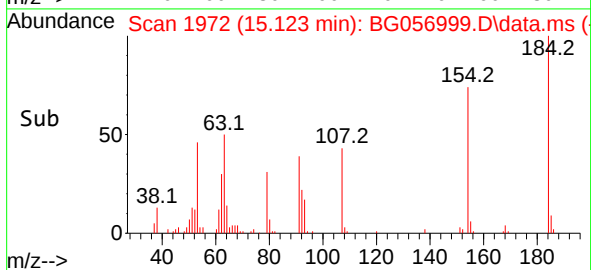
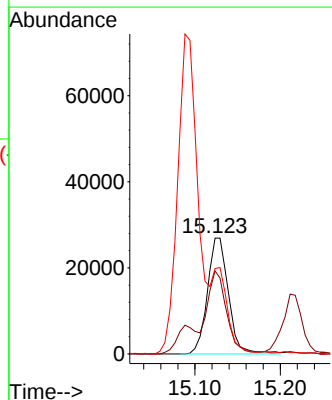
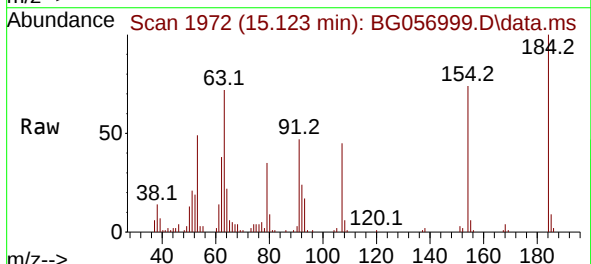
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

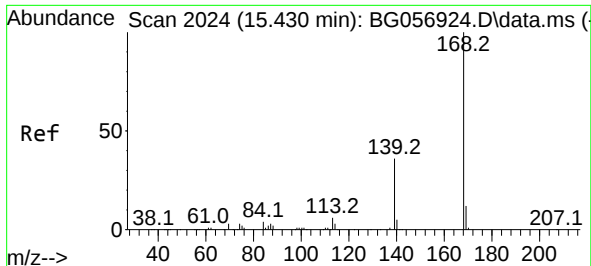
Tgt Ion:138 Resp: 16654
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.2
92 122.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 107.602 ng
RT: 15.123 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:184 Resp: 46143
Ion Ratio Lower Upper
184 100
63 71.8 46.5 69.7#
154 73.8 53.5 80.3

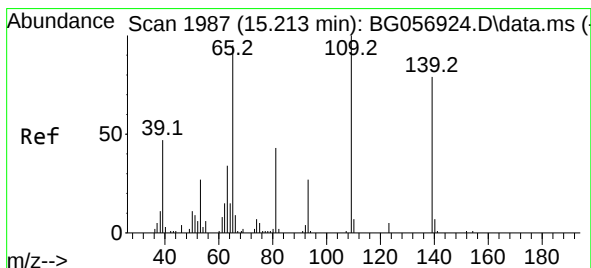
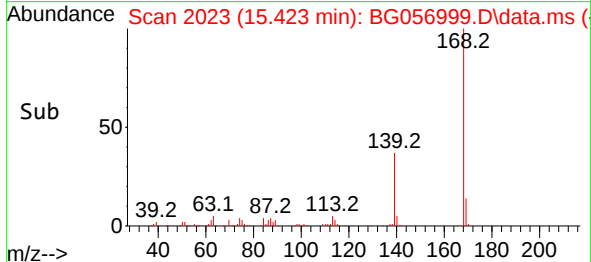
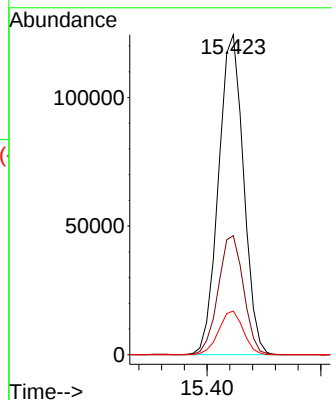
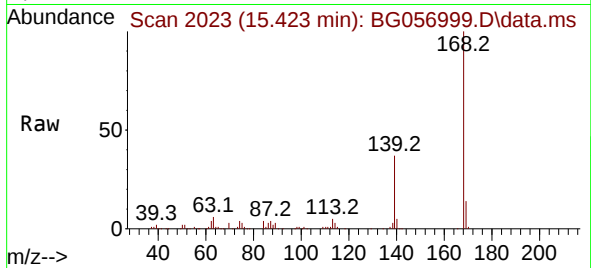




#55
Dibenzenofuran
Concen: 46.142 ng
RT: 15.423 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

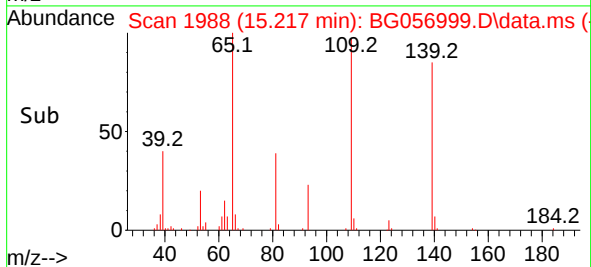
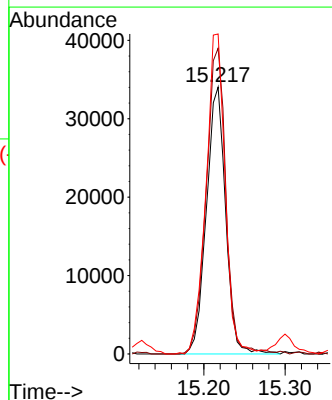
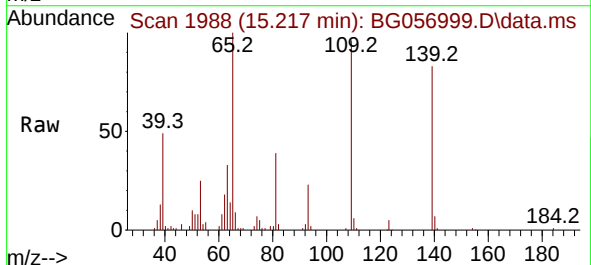
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

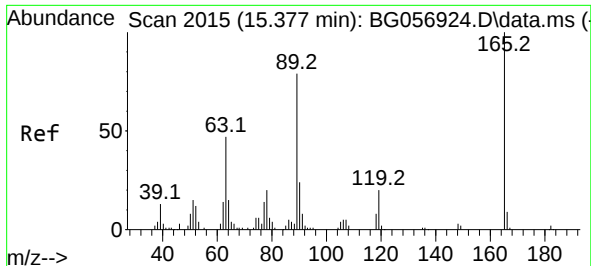
Tgt Ion:168 Resp: 190141
Ion Ratio Lower Upper
168 100
139 37.2 28.9 43.3
169 13.6 9.8 14.6



#56
4-Nitrophenol
Concen: 100.304 ng
RT: 15.217 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

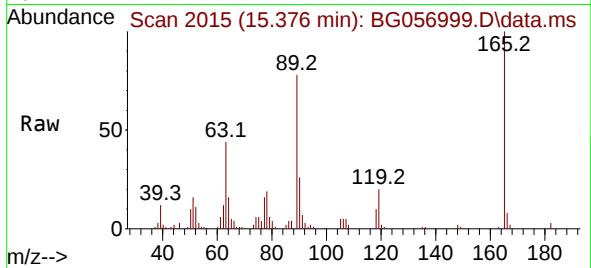
Tgt Ion:139 Resp: 55934
Ion Ratio Lower Upper
139 100
109 114.6 106.7 146.7
65 119.9 100.5 140.5



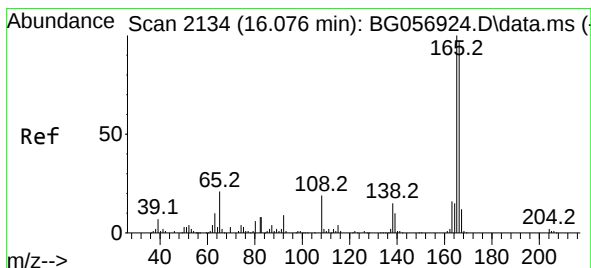
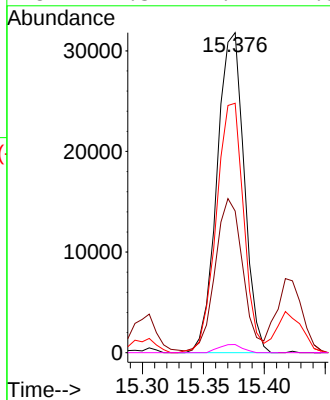
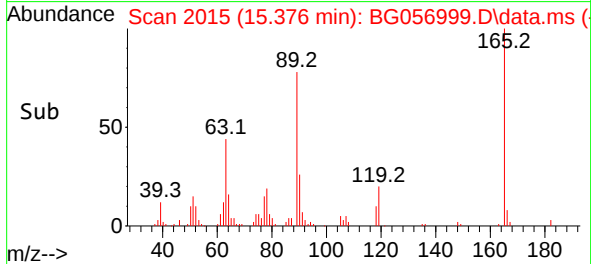


#57
2,4-Dinitrotoluene
Concen: 45.797 ng
RT: 15.376 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

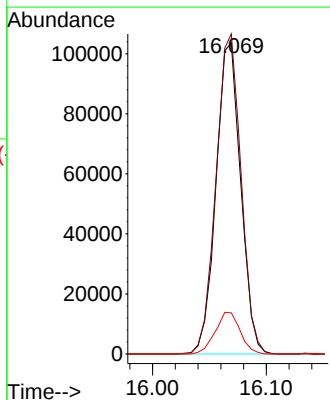
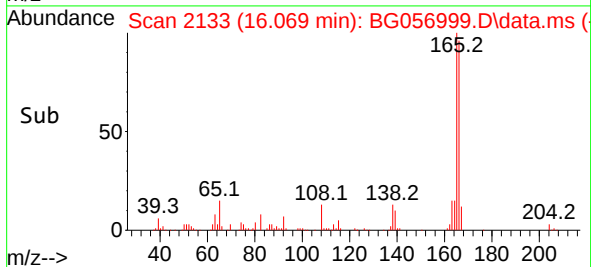
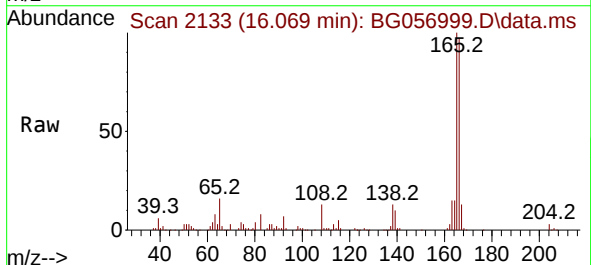


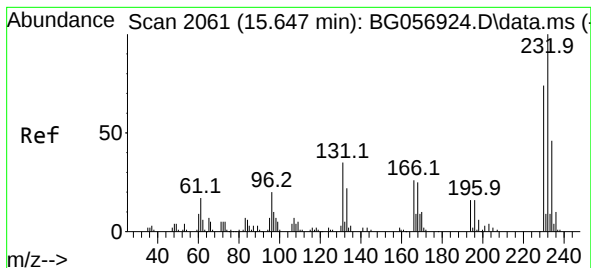
Tgt Ion:165 Resp: 49211
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 78.0 63.2 94.8
182 2.5 1.7 2.5#



#58
Fluorene
Concen: 45.778 ng
RT: 16.069 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:166 Resp: 156097
Ion Ratio Lower Upper
166 100
165 102.9 82.6 123.8
167 13.2 10.2 15.2

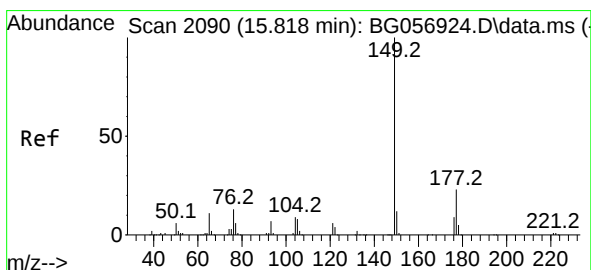
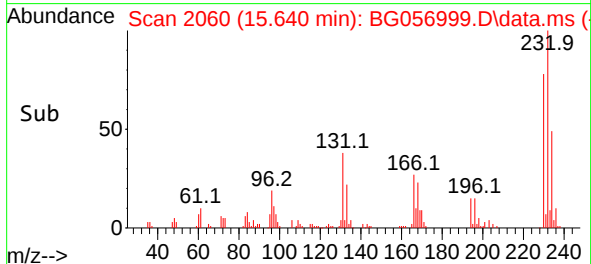
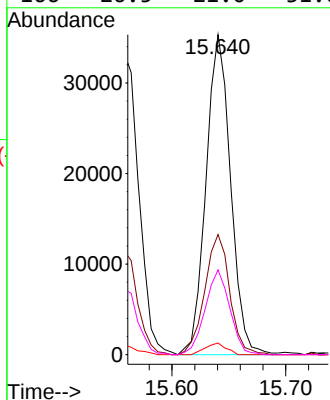
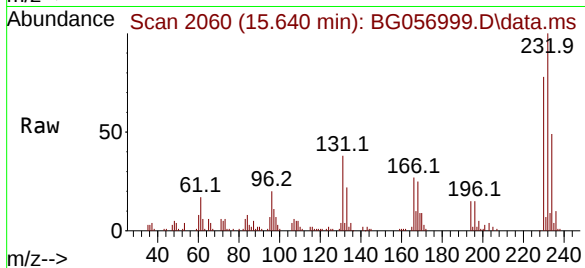




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.773 ng
RT: 15.640 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

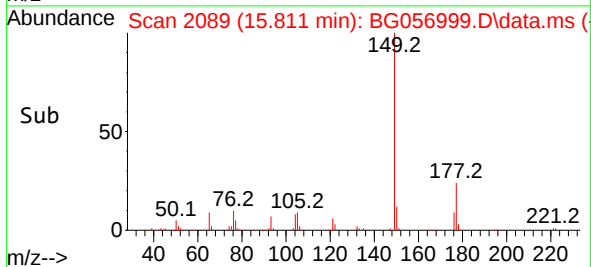
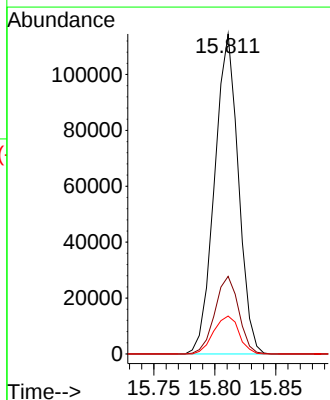
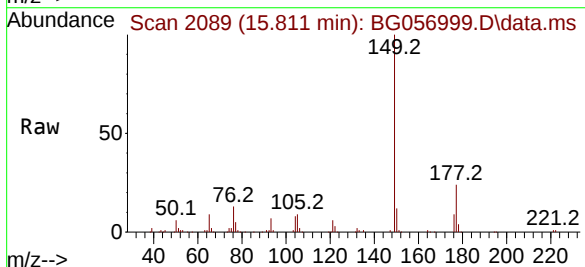
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

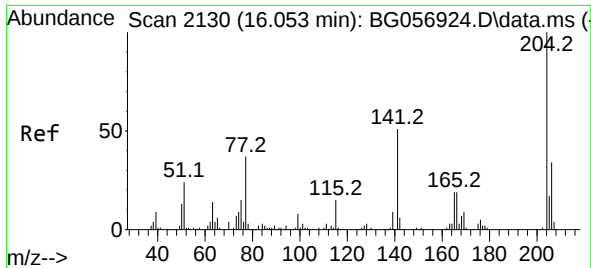
Tgt Ion:232 Resp: 53168
Ion Ratio Lower Upper
232 100
131 38.1 29.3 43.9
130 3.1 1.7 2.5#
166 26.5 21.0 31.6



#60
Diethylphthalate
Concen: 43.990 ng
RT: 15.811 min Scan# 2089
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:149 Resp: 155506
Ion Ratio Lower Upper
149 100
177 24.3 18.8 28.2
150 11.9 9.4 14.2

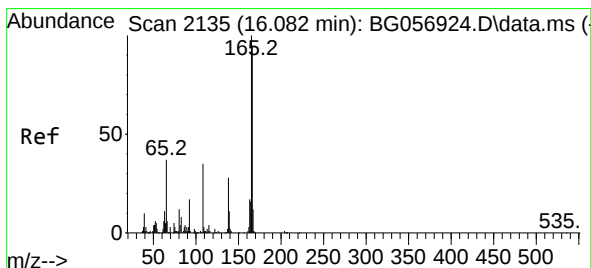
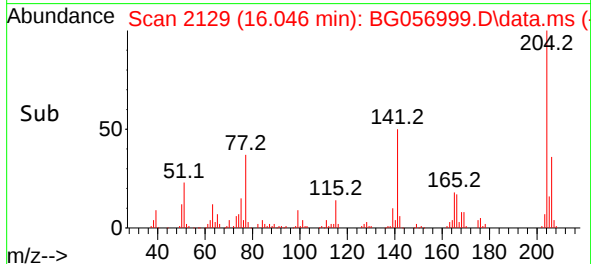
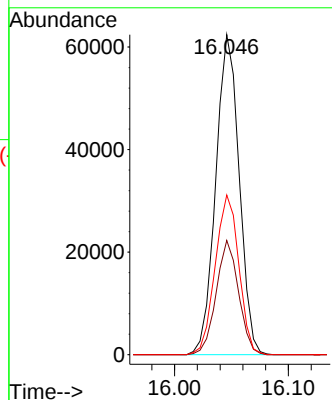
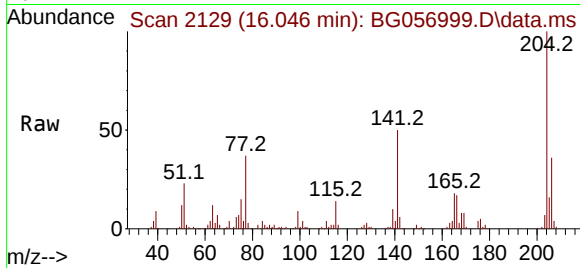




#61
4-Chlorophenyl-phenylether
Concen: 44.646 ng
RT: 16.046 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

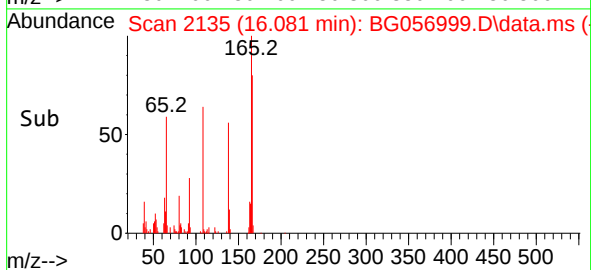
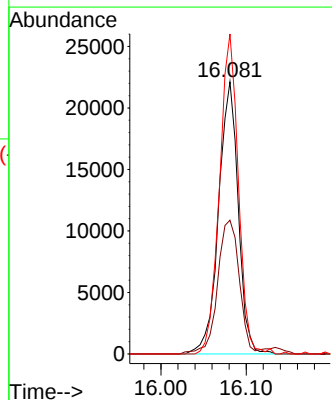
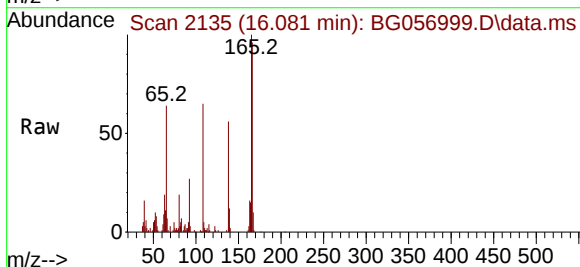
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

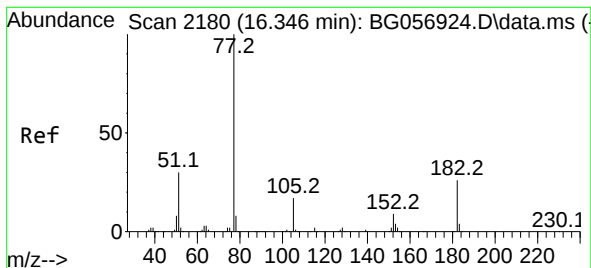
Tgt Ion:204 Resp: 89383
Ion Ratio Lower Upper
204 100
206 35.7 27.2 40.8
141 49.9 40.7 61.1



#62
4-Nitroaniline
Concen: 45.267 ng
RT: 16.081 min Scan# 2135
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:138 Resp: 35368
Ion Ratio Lower Upper
138 100
92 49.1 40.9 80.9
108 117.6 104.3 144.3





#63

Azobenzene

Concen: 45.964 ng

RT: 16.339 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

Tgt Ion: 77 Resp: 161928

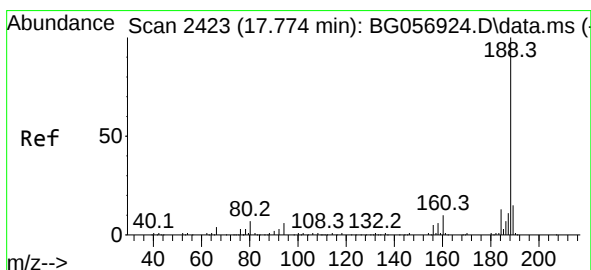
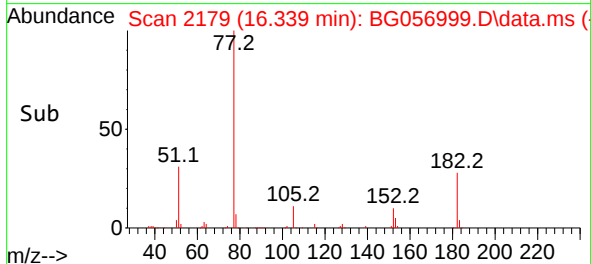
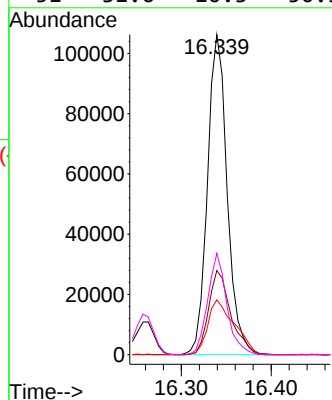
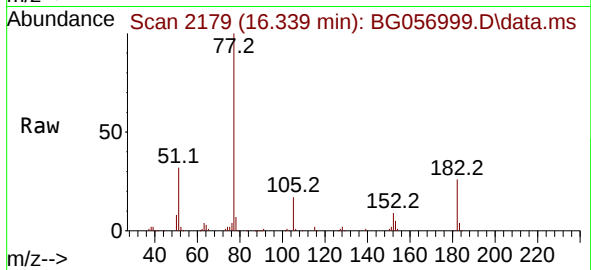
Ion Ratio Lower Upper

77 100

182 26.3 5.9 45.9

105 17.2 0.0 36.8

51 31.6 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.767 min Scan# 2422

Delta R.T. 0.001 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

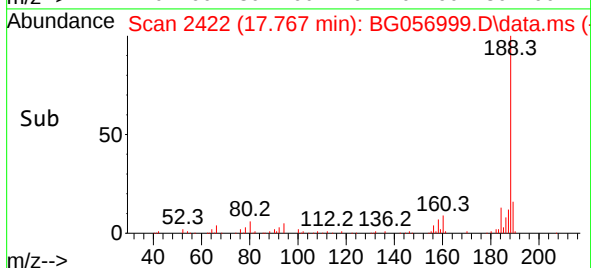
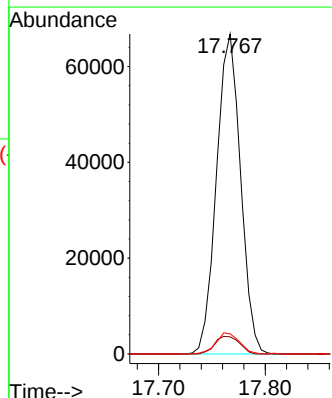
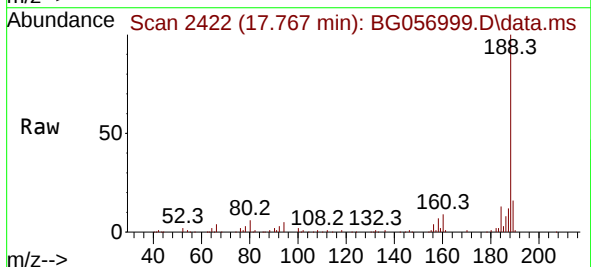
Tgt Ion:188 Resp: 104452

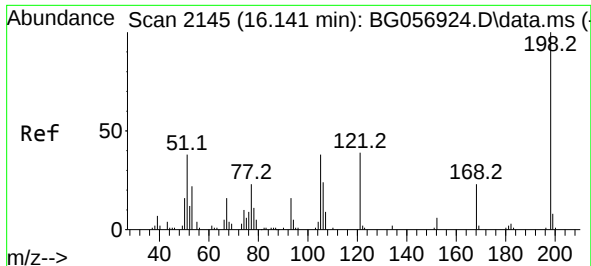
Ion Ratio Lower Upper

188 100

94 5.3 4.6 6.8

80 6.3 5.5 8.3

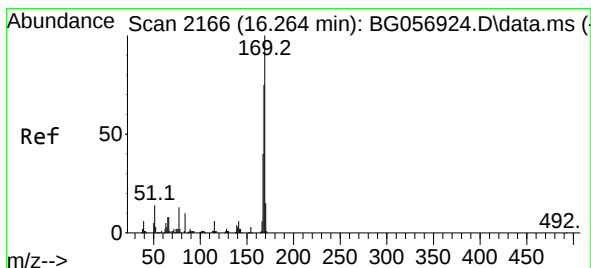
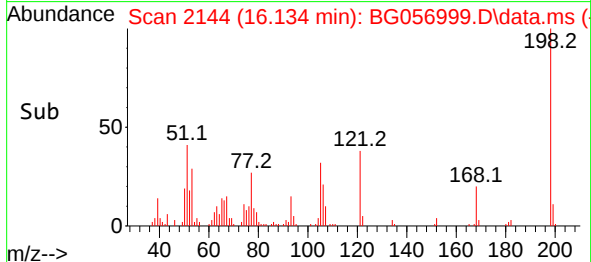
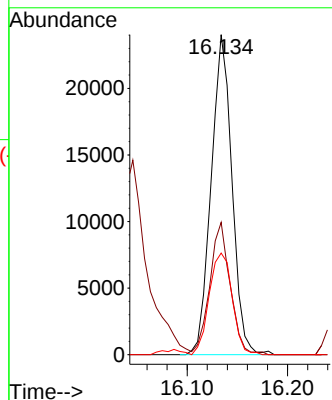
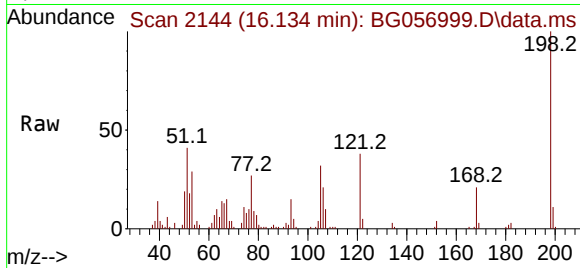




#65
4,6-Dinitro-2-methylphenol
Concen: 54.683 ng
RT: 16.134 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

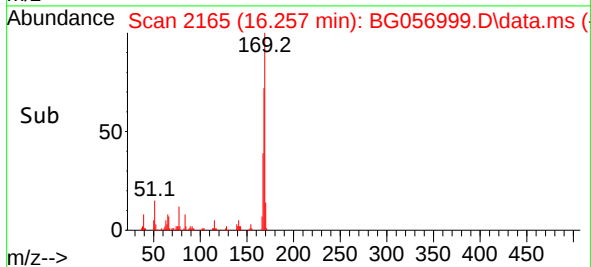
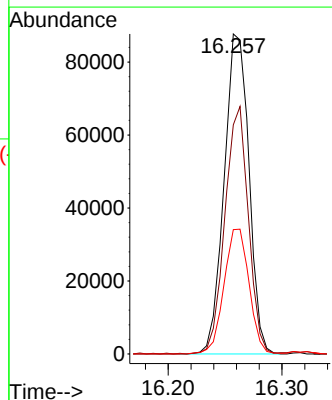
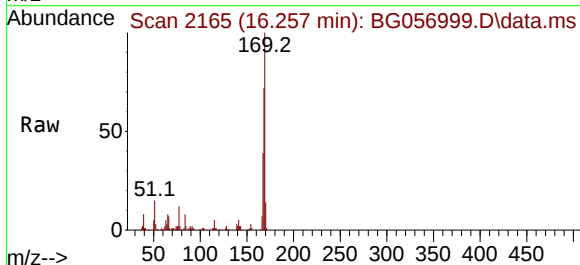
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

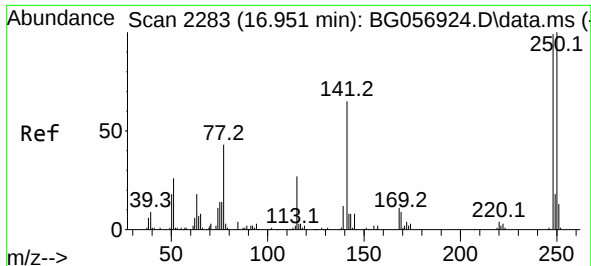
Tgt Ion:198 Resp: 34593
Ion Ratio Lower Upper
198 100
51 41.3 20.5 60.5
105 31.7 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 47.392 ng
RT: 16.257 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:169 Resp: 132884
Ion Ratio Lower Upper
169 100
168 71.6 59.6 89.4
167 38.9 31.8 47.8

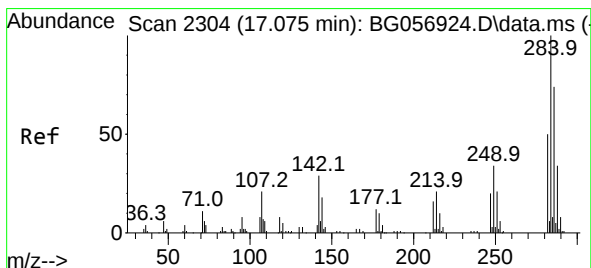
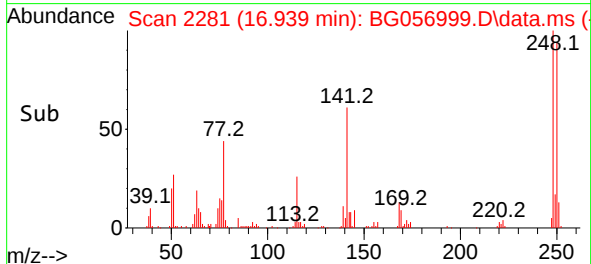
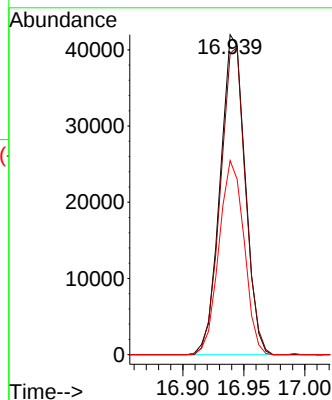
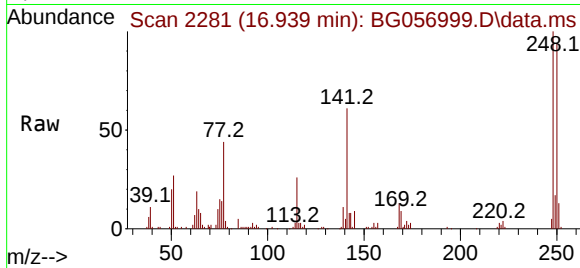




#67
4-Bromophenyl-phenylether
Concen: 46.236 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

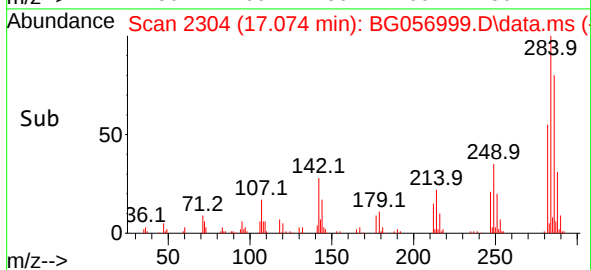
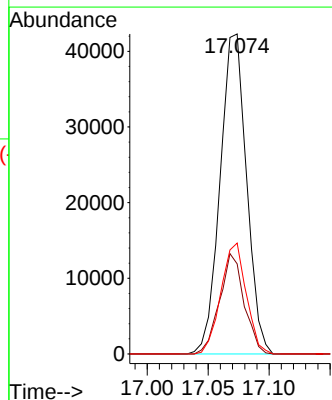
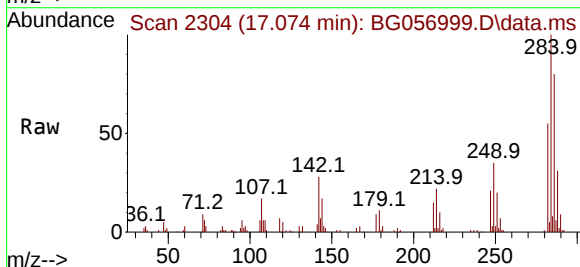
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

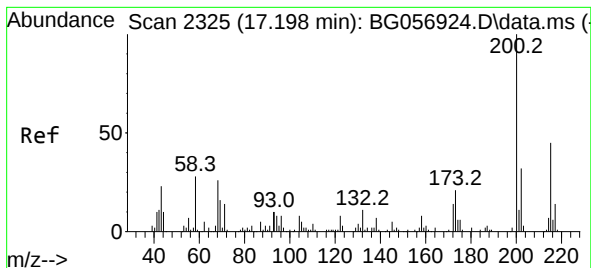
Tgt Ion:248 Resp: 59755
Ion Ratio Lower Upper
248 100
250 94.2 80.5 120.7
141 60.6 52.0 78.0



#68
Hexachlorobenzene
Concen: 50.003 ng
RT: 17.074 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:284 Resp: 63891
Ion Ratio Lower Upper
284 100
142 28.2 23.0 34.4
249 34.6 27.1 40.7





#69

Atrazine

Concen: 47.892 ng

RT: 17.191 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

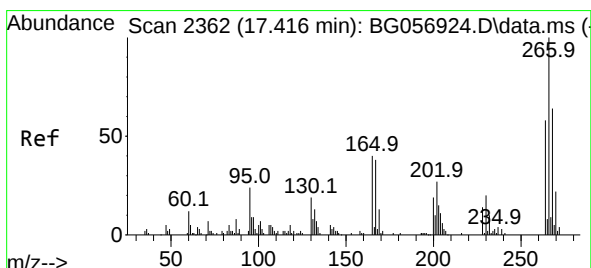
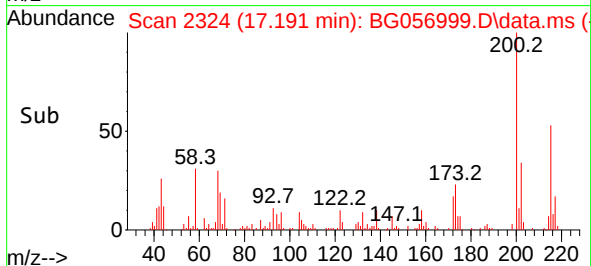
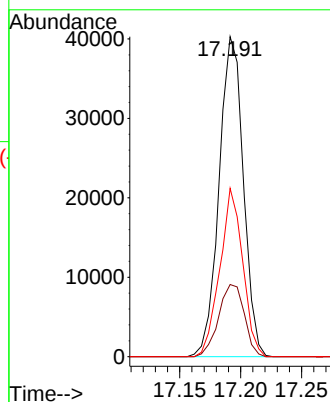
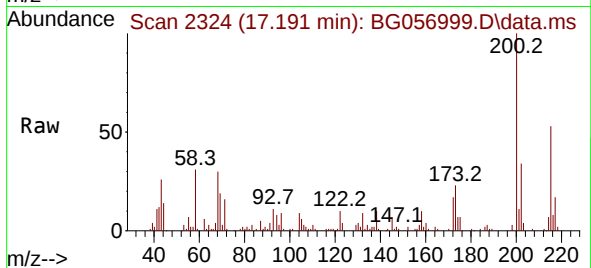
Tgt Ion:200 Resp: 55743

Ion Ratio Lower Upper

200 100

173 22.5 1.0 41.0

215 52.6 25.0 65.0



#70

Pentachlorophenol

Concen: 89.787 ng

RT: 17.409 min Scan# 2361

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

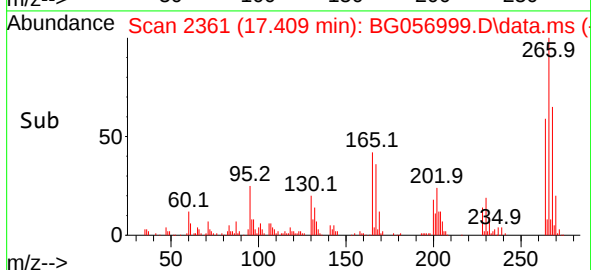
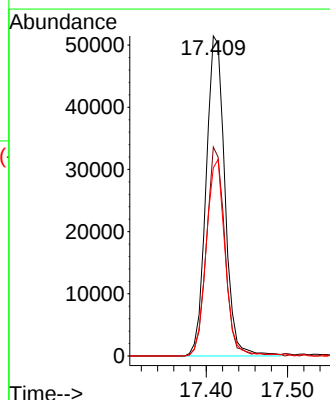
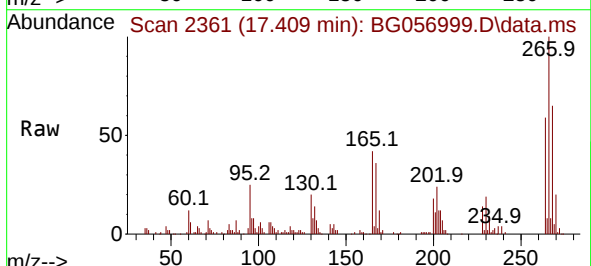
Tgt Ion:266 Resp: 82305

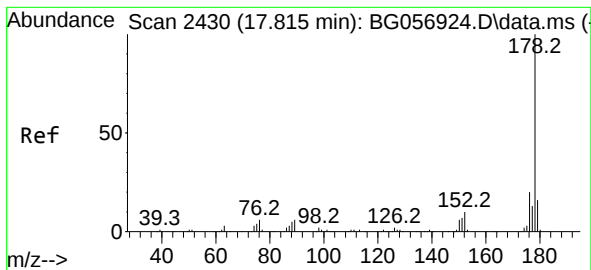
Ion Ratio Lower Upper

266 100

268 65.3 51.0 76.6

264 58.8 46.8 70.2





#71

Phenanthrene

Concen: 50.886 ng

RT: 17.808 min Scan# 2429

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

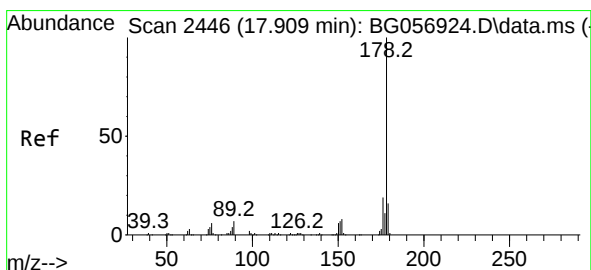
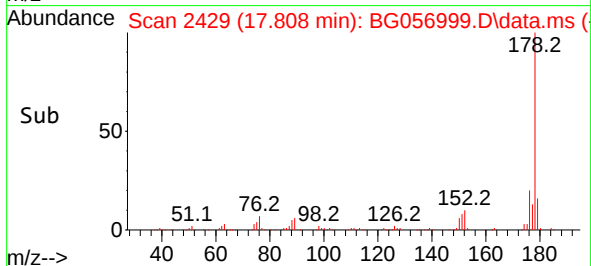
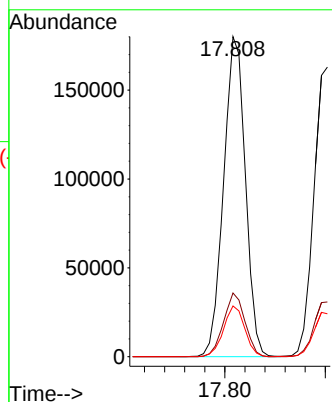
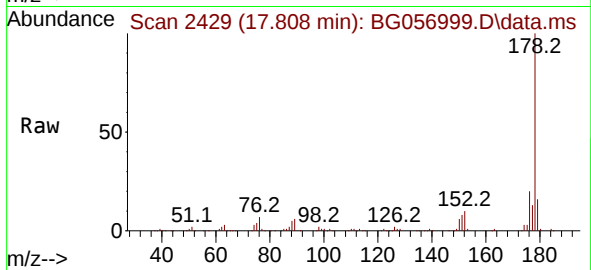
Tgt Ion:178 Resp: 270988

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

179 15.8 12.5 18.7



#72

Anthracene

Concen: 46.496 ng

RT: 17.902 min Scan# 2445

Delta R.T. 0.001 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

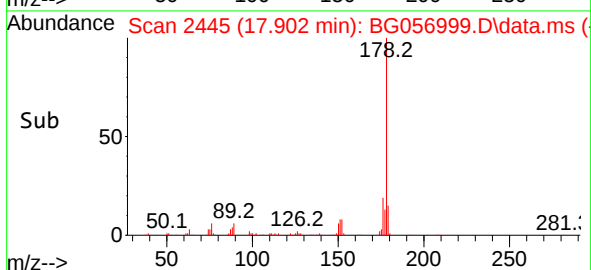
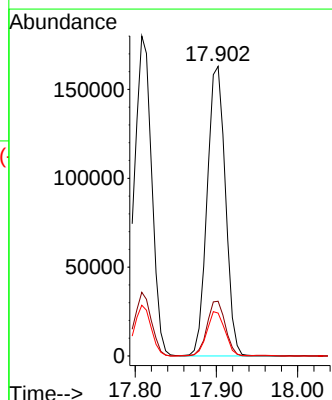
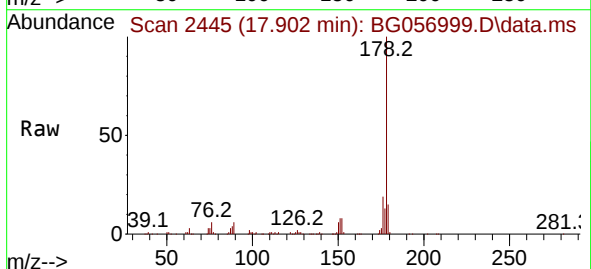
Tgt Ion:178 Resp: 253835

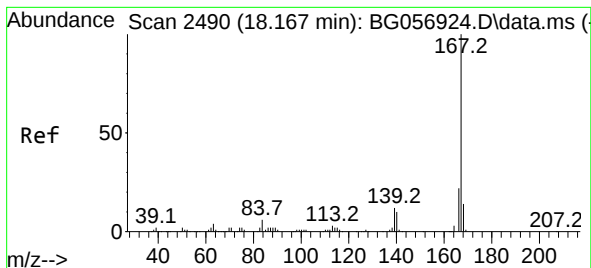
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 14.8 12.4 18.6





#73

Carbazole

Concen: 46.105 ng

RT: 18.166 min Scan# 2490

Delta R.T. 0.001 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

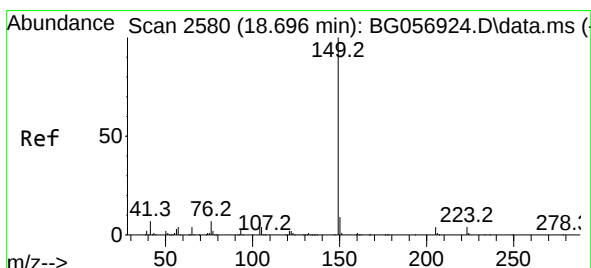
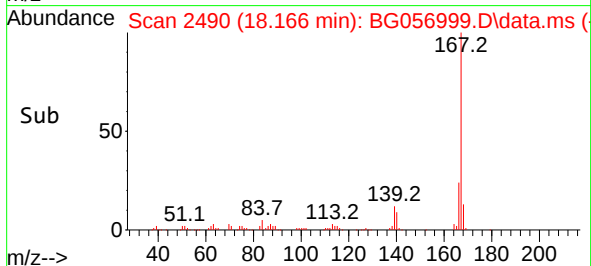
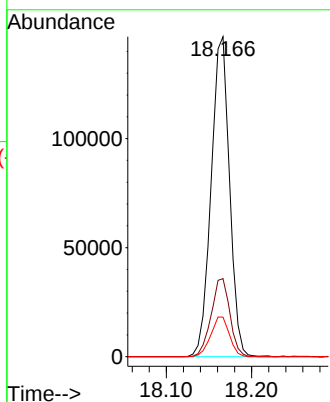
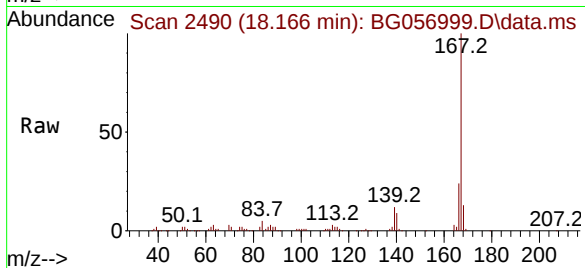
Tgt Ion:167 Resp: 219451

Ion Ratio Lower Upper

167 100

166 24.4 17.9 26.9

139 12.4 9.5 14.3



#74

Di-n-butylphthalate

Concen: 45.758 ng

RT: 18.683 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

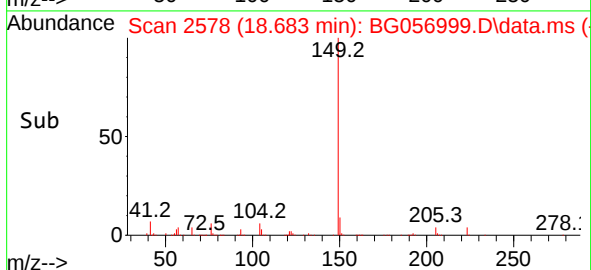
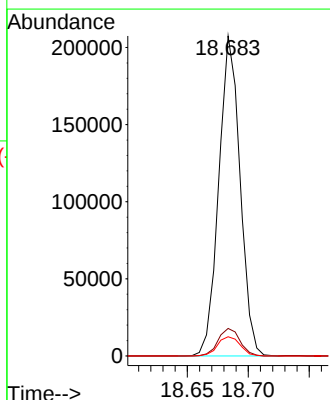
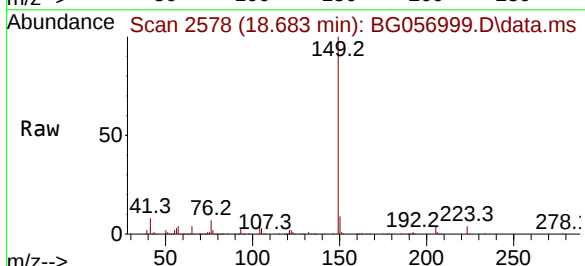
Tgt Ion:149 Resp: 252209

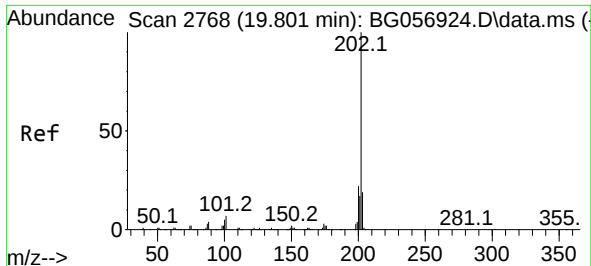
Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.0

104 6.0 4.9 7.3

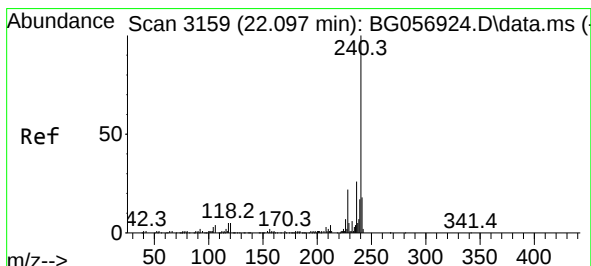
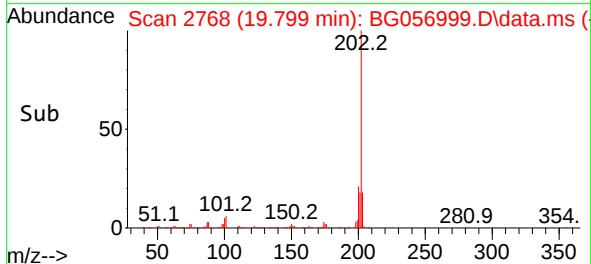
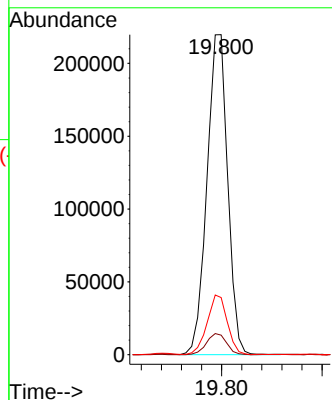
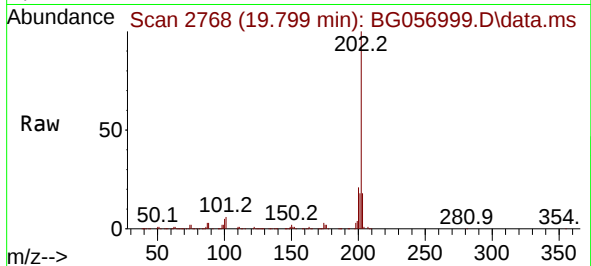




#75
 Fluoranthene
 Concen: 46.790 ng
 RT: 19.799 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056999.D
 Acq: 5 Apr 2023 20:42

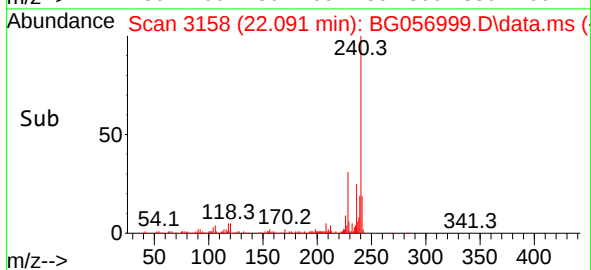
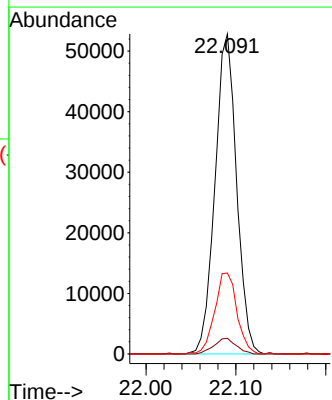
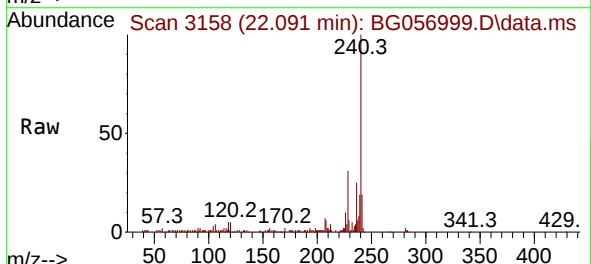
Instrument :
 BNA_G
 ClientSampleId :
 B-37-SB02MSD

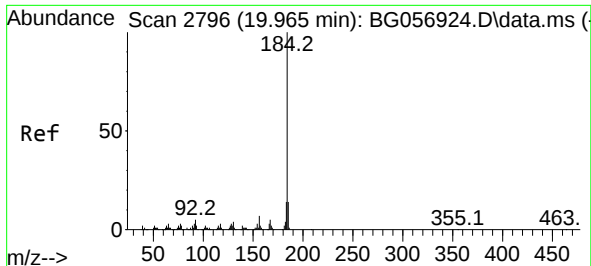
Tgt Ion:202 Resp: 315871
 Ion Ratio Lower Upper
 202 100
 101 6.1 0.0 26.7
 203 17.8 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.091 min Scan# 3158
 Delta R.T. -0.005 min
 Lab File: BG056999.D
 Acq: 5 Apr 2023 20:42

Tgt Ion:240 Resp: 87971
 Ion Ratio Lower Upper
 240 100
 120 4.9 3.8 5.6
 236 25.3 21.0 31.6

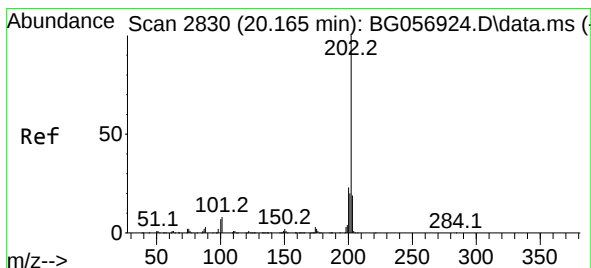
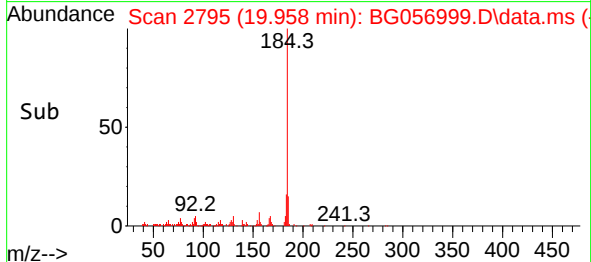
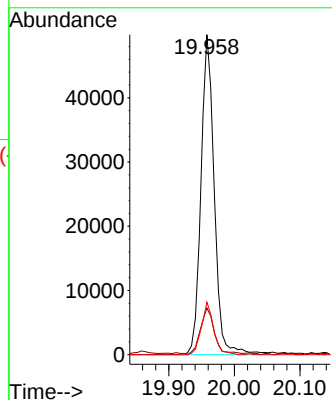
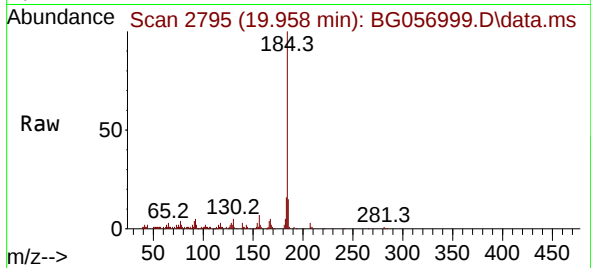




#77
Benzidine
Concen: 29.389 ng
RT: 19.958 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

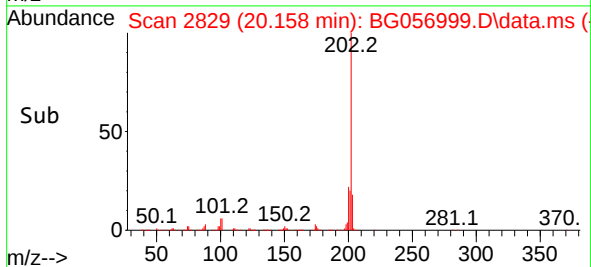
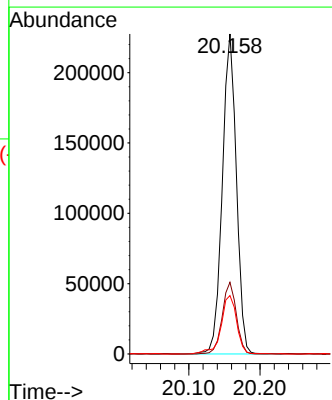
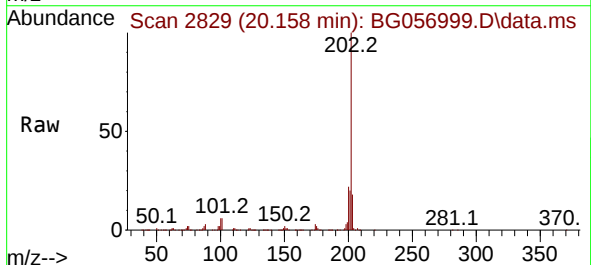
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

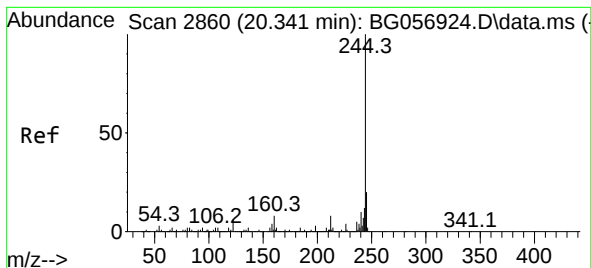
Tgt Ion:184 Resp: 70668
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.4
183 16.4 11.4 17.0



#78
Pyrene
Concen: 51.081 ng
RT: 20.158 min Scan# 2829
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:202 Resp: 310802
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 18.3 15.4 23.2





#79

Terphenyl-d14

Concen: 59.977 ng

RT: 20.334 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

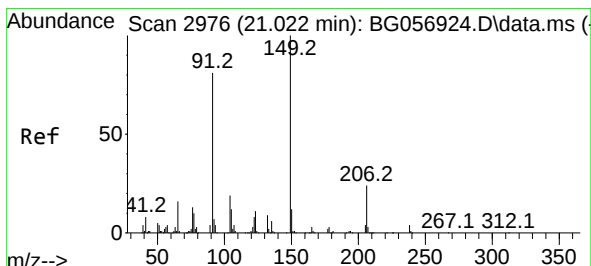
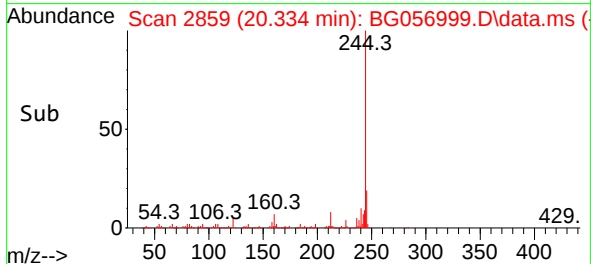
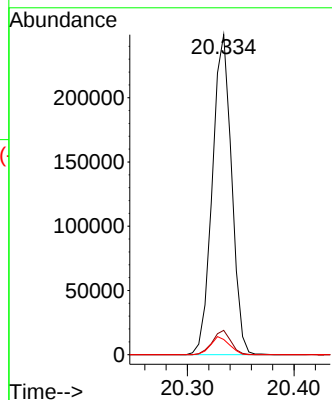
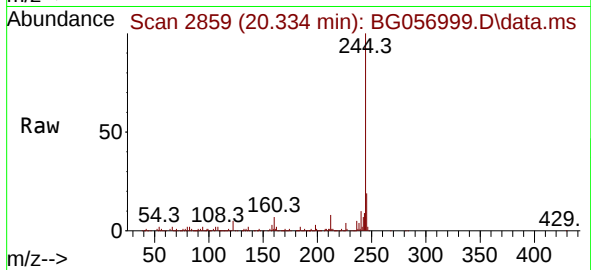
Tgt Ion:244 Resp: 311807

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 4.7 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 49.396 ng

RT: 21.015 min Scan# 2975

Delta R.T. 0.001 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

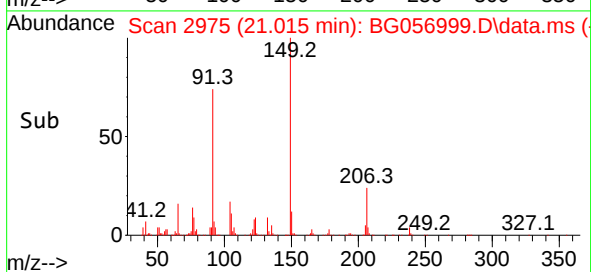
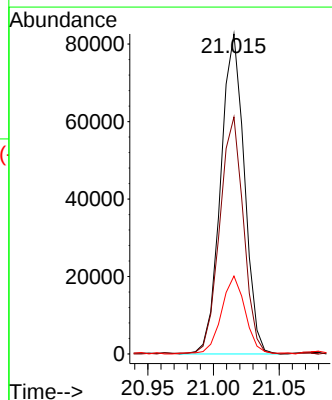
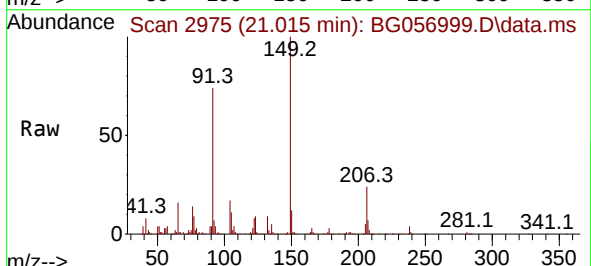
Tgt Ion:149 Resp: 103426

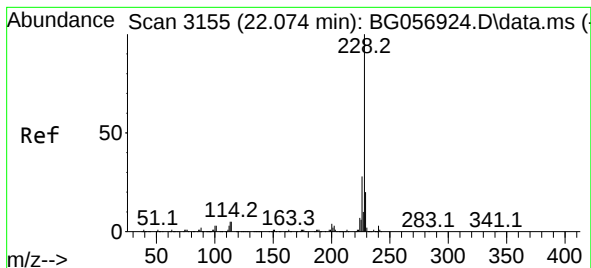
Ion Ratio Lower Upper

149 100

91 74.1 64.4 96.6

206 24.4 18.9 28.3





#81

Benzo(a)anthracene

Concen: 47.891 ng

RT: 22.067 min Scan# 3155

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

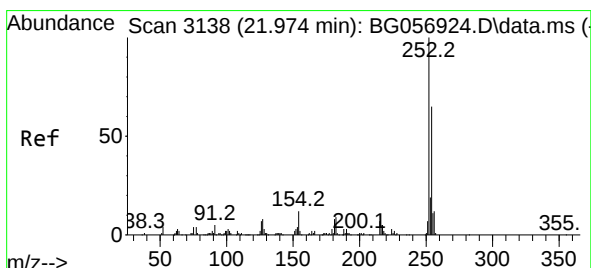
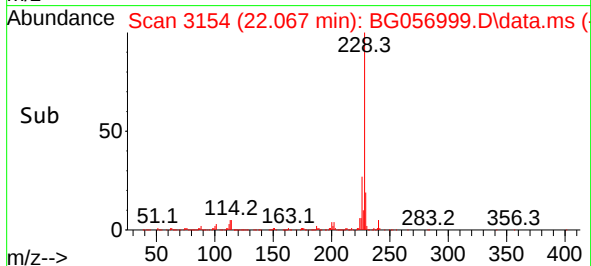
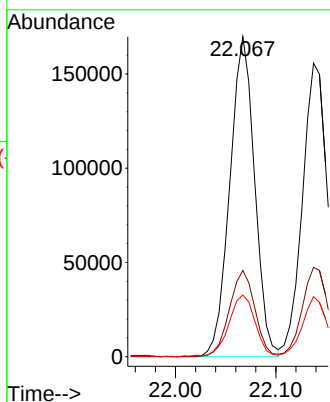
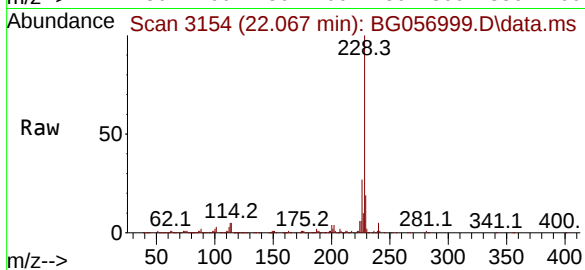
Tgt Ion:228 Resp: 291539

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 28.722 ng

RT: 21.961 min Scan# 3136

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

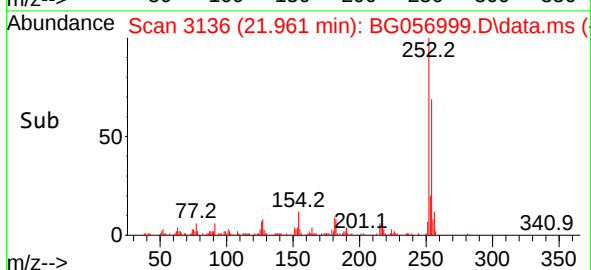
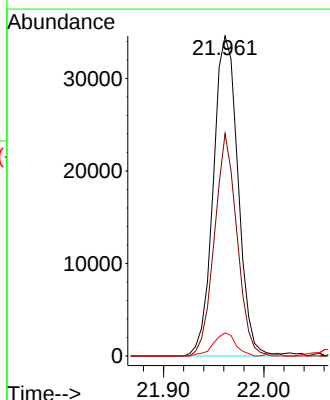
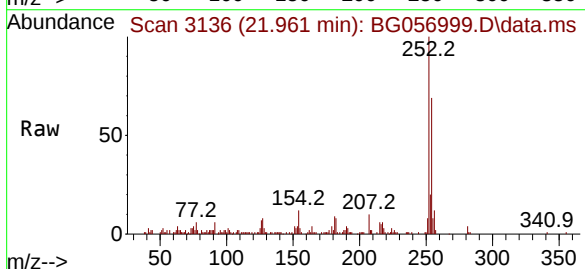
Tgt Ion:252 Resp: 59042

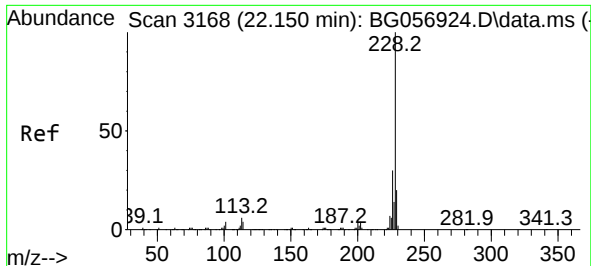
Ion Ratio Lower Upper

252 100

254 69.5 51.7 77.5

126 7.2 5.6 8.4





#83

Chrysene

Concen: 46.933 ng

RT: 22.138 min Scan# 3166

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

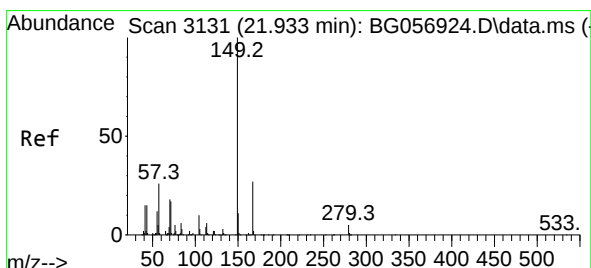
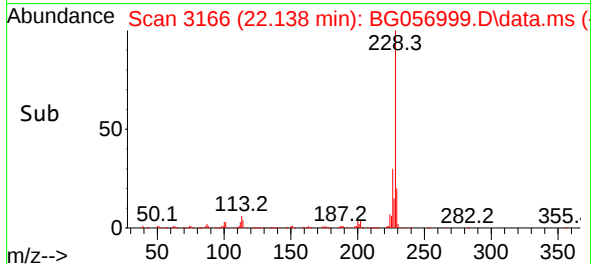
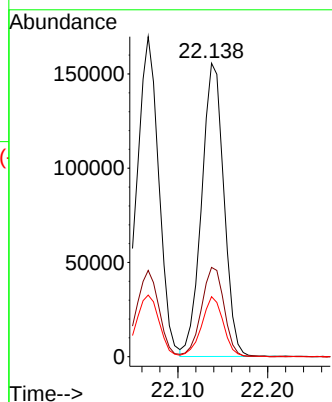
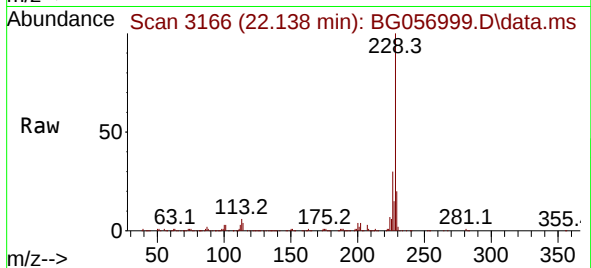
Tgt Ion:228 Resp: 267512

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.205 ng

RT: 21.920 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

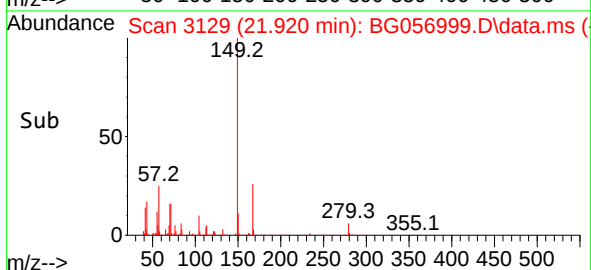
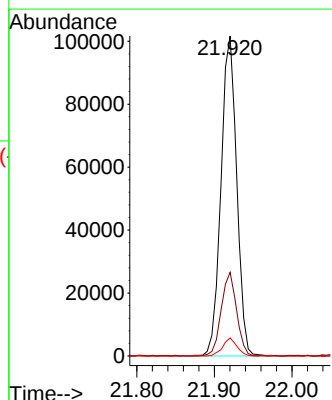
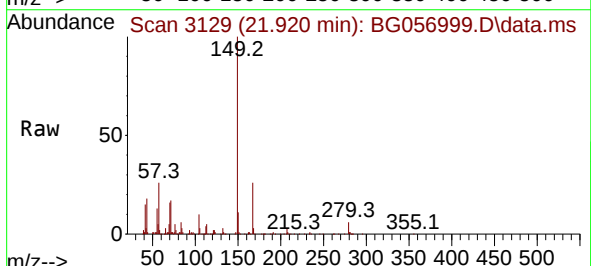
Tgt Ion:149 Resp: 143119

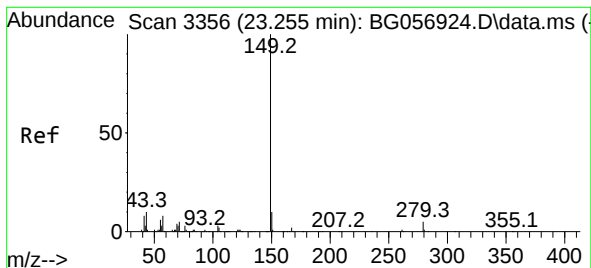
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.2

279 5.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 46.069 ng

RT: 23.236 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

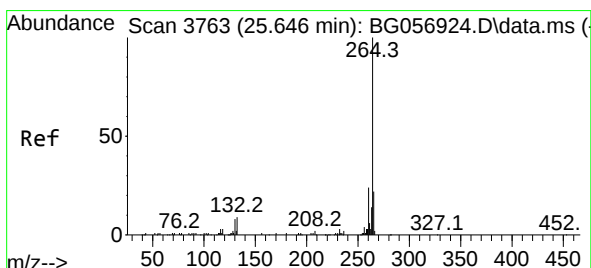
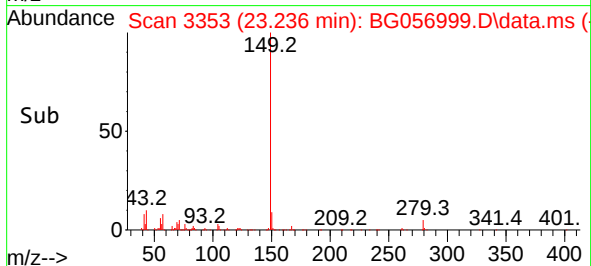
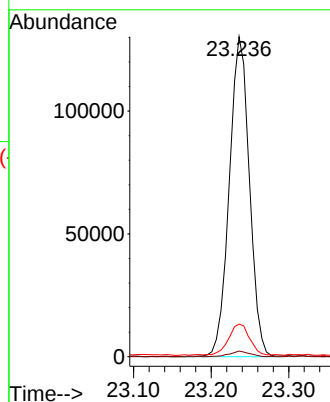
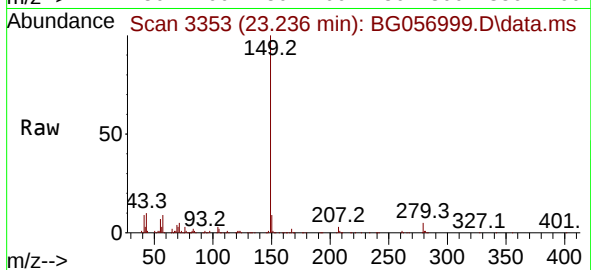
Tgt Ion:149 Resp: 235377

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.633 min Scan# 3761

Delta R.T. 0.001 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

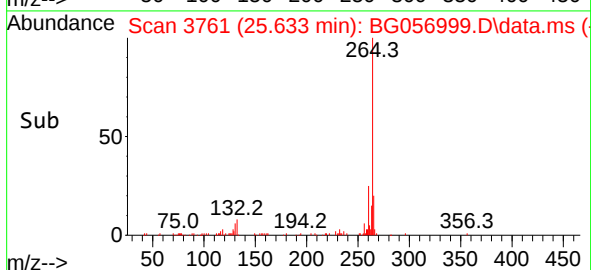
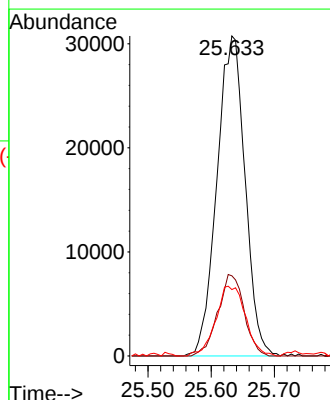
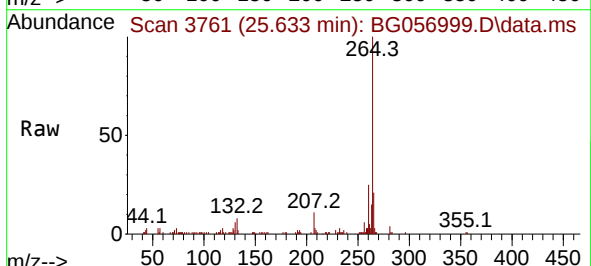
Tgt Ion:264 Resp: 94694

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.4

265 20.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.200 ng

RT: 29.727 min Scan# 4462

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

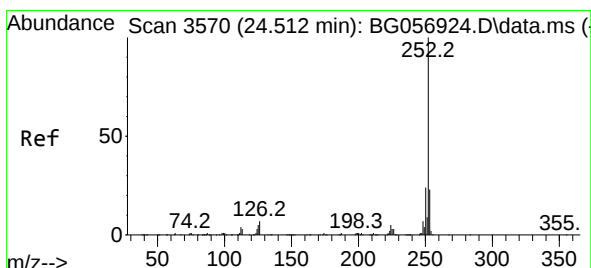
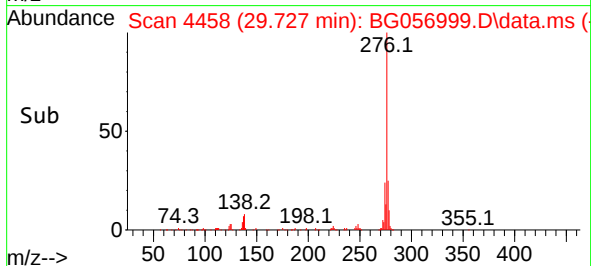
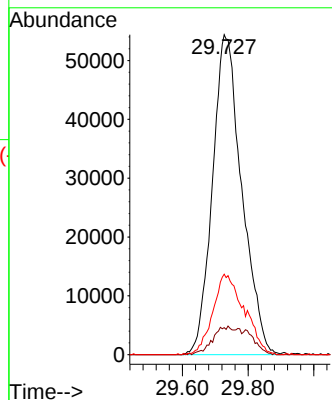
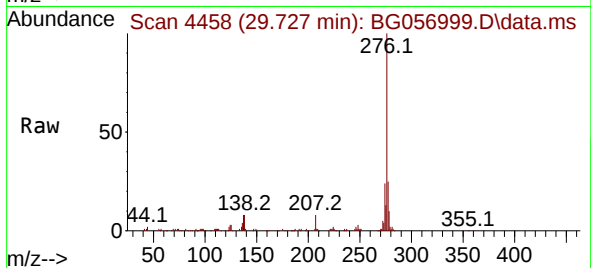
Tgt Ion:276 Resp: 337318

Ion Ratio Lower Upper

276 100

138 6.1 7.7 11.5#

277 27.0 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 49.784 ng

RT: 24.499 min Scan# 3568

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

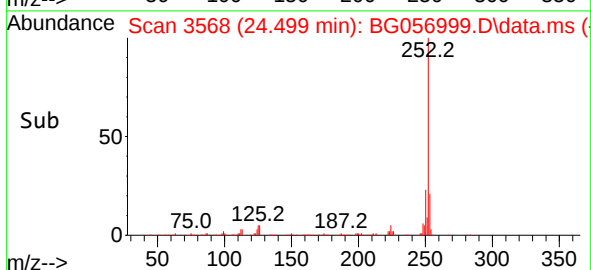
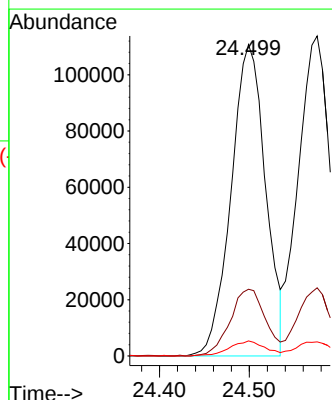
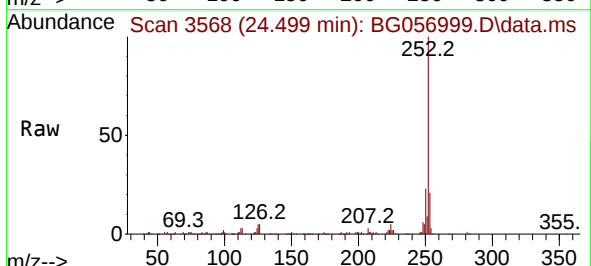
Tgt Ion:252 Resp: 294798

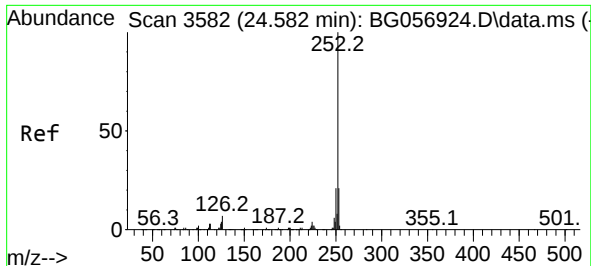
Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

125 4.8 4.2 6.4

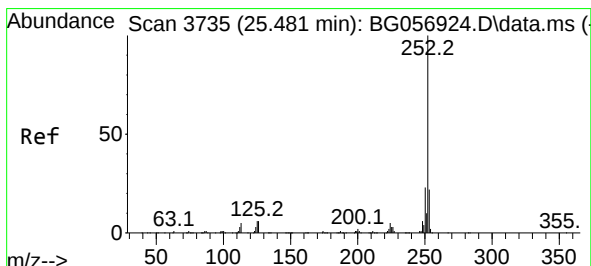
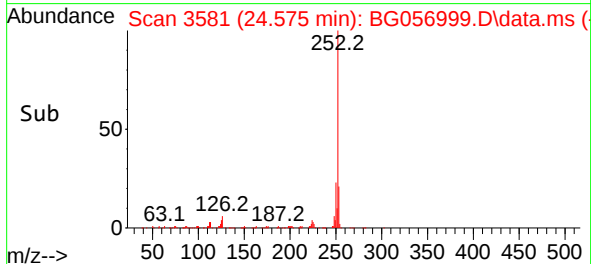
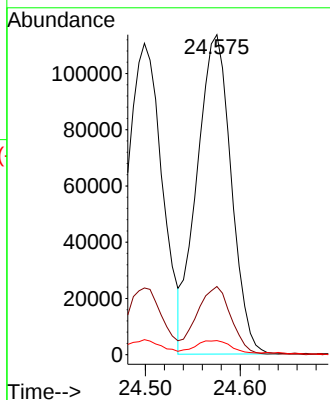
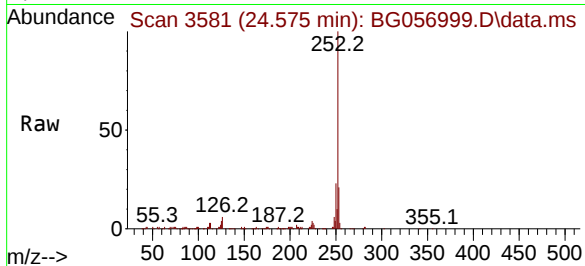




#89
Benzo(k)fluoranthene
Concen: 48.264 ng
RT: 24.575 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

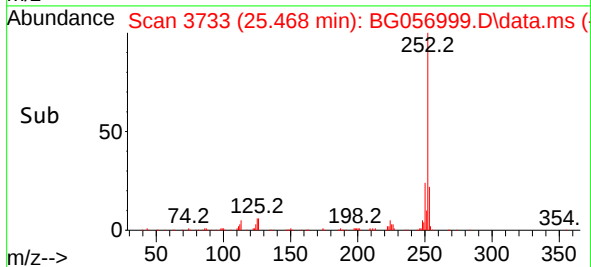
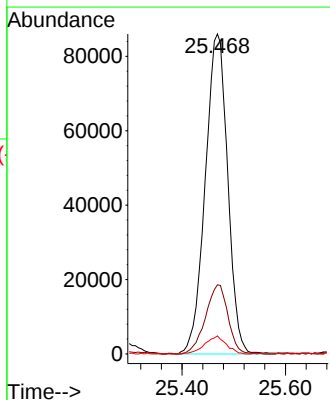
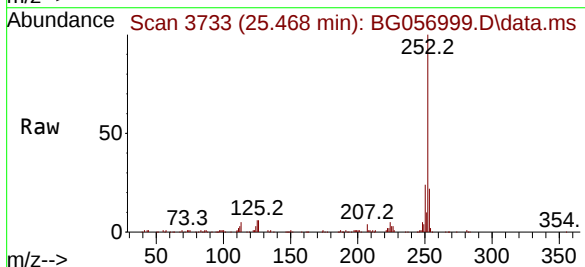
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

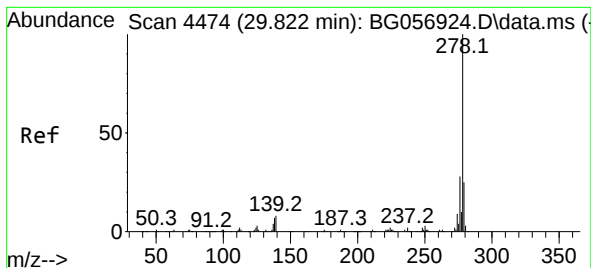
Tgt Ion:252 Resp: 285320
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 4.4 3.8 5.6



#90
Benzo(a)pyrene
Concen: 44.494 ng
RT: 25.468 min Scan# 3733
Delta R.T. 0.001 min
Lab File: BG056999.D
Acq: 5 Apr 2023 20:42

Tgt Ion:252 Resp: 258904
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 5.7 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 48.744 ng

RT: 29.798 min Scan# 4470

Delta R.T. -0.011 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MSD

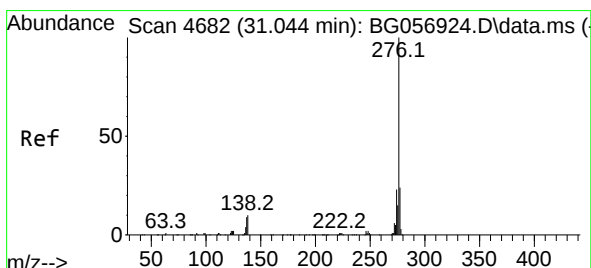
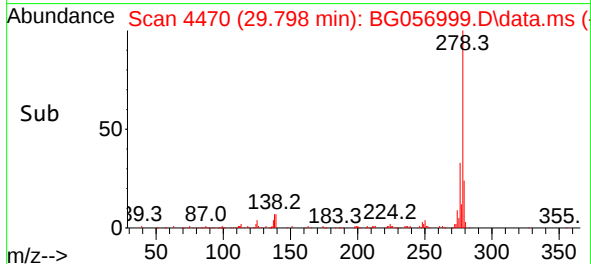
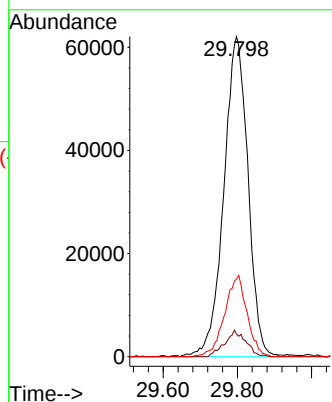
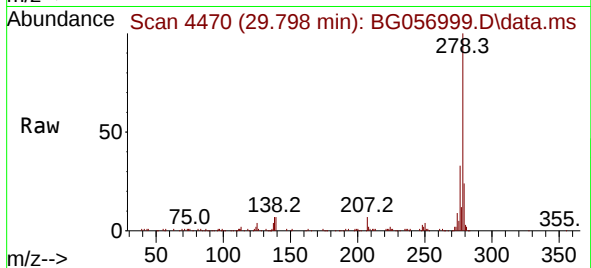
Tgt Ion:278 Resp: 280399

Ion Ratio Lower Upper

278 100

139 7.0 6.4 9.6

279 24.3 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 48.366 ng

RT: 31.025 min Scan# 4679

Delta R.T. -0.005 min

Lab File: BG056999.D

Acq: 5 Apr 2023 20:42

Tgt Ion:276 Resp: 272438

Ion Ratio Lower Upper

276 100

277 22.5 19.1 28.7

138 9.0 8.2 12.2

