

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056935.D
 Acq On : 30 Mar 2023 22:57
 Operator : CG/JU
 Sample : PB151747BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151747BSD

Quant Time: Mar 31 04:06:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	15699	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	67850	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	52775	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	133794	20.000	ng	0.00
76) Chrysene-d12	22.095	240	126452	20.000	ng	# 0.00
86) Perylene-d12	25.644	264	137378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	173111	176.479	ng	0.00
7) Phenol-d6	7.545	99	249713	170.211	ng	0.00
23) Nitrobenzene-d5	9.595	82	154199	92.991	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	128647	152.588	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	367316	94.379	ng	0.00
79) Terphenyl-d14	20.339	244	764856	102.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.720	88	16503	38.379	ng	98
3) Pyridine	4.137	79	49712	35.894	ng	99
4) n-Nitrosodimethylamine	4.049	42	31092	48.828	ng	# 100
6) Aniline	7.721	93	72577	38.697	ng	96
8) 2-Chlorophenol	7.968	128	57393	58.742	ng	95
9) Benzaldehyde	7.533	77	44285	48.126	ng	92
10) Phenol	7.568	94	84320	58.004	ng	99
11) bis(2-Chloroethyl)ether	7.809	93	51490	49.725	ng	99
12) 1,3-Dichlorobenzene	8.302	146	55300	51.223	ng	95
13) 1,4-Dichlorobenzene	8.449	146	58499	53.689	ng	93
14) 1,2-Dichlorobenzene	8.772	146	56251	53.436	ng	96
15) Benzyl Alcohol	8.643	79	67048	55.001	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.937	45	62875	50.383	ng	96
17) 2-Methylphenol	8.843	107	58026	55.949	ng	90
18) Hexachloroethane	9.518	117	20065	50.383	ng	92
19) n-Nitroso-di-n-propyla...	9.213	70	52669	50.192	ng	97
20) 3+4-Methylphenols	9.172	107	77847	53.679	ng	98
22) Acetophenone	9.242	105	94903	47.006	ng	# 99
24) Nitrobenzene	9.636	77	79655	46.985	ng	94
25) Isophorone	10.153	82	141204	44.718	ng	99
26) 2-Nitrophenol	10.353	139	31627	48.331	ng	99
27) 2,4-Dimethylphenol	10.394	122	59210	51.247	ng	96
28) bis(2-Chloroethoxy)met...	10.629	93	72457	45.834	ng	97
29) 2,4-Dichlorophenol	10.887	162	62810	50.549	ng	97
30) 1,2,4-Trichlorobenzene	11.110	180	64236	48.655	ng	100
31) Naphthalene	11.310	128	171419	46.351	ng	96
32) Benzoic acid	10.523	122	41125	51.818	ng	91
33) 4-Chloroaniline	11.404	127	35338	21.157	ng	96
34) Hexachlorobutadiene	11.580	225	45868	46.250	ng	96
35) Caprolactam	12.162	113	12063	28.151	ng	87
36) 4-Chloro-3-methylphenol	12.491	107	71634	51.551	ng	95
37) 2-Methylnaphthalene	12.884	142	130515	44.465	ng	99
38) 1-Methylnaphthalene	13.096	142	121849	44.210	ng	98
40) 1,2,4,5-Tetrachloroben...	13.243	216	89482	48.895	ng	97
41) Hexachlorocyclopentadiene	13.219	237	125389	124.353	ng	96
43) 2,4,6-Trichlorophenol	13.466	196	59337	50.809	ng	99

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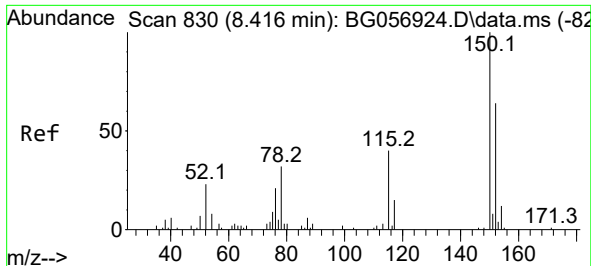
Quant Time: Mar 31 04:06:49 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	64395	46.545	ng	95
46) 1,1'-Biphenyl	13.865	154	190856	49.403	ng	97
47) 2-Chloronaphthalene	13.918	162	144616	50.613	ng	98
48) 2-Nitroaniline	14.106	65	51964	50.861	ng	98
49) Acenaphthylene	14.758	152	229001	48.780	ng	100
50) Dimethylphthalate	14.465	163	202973	48.812	ng	100
51) 2,6-Dinitrotoluene	14.588	165	43863	48.821	ng	97
52) Acenaphthene	15.093	154	183340	56.626	ng	97
53) 3-Nitroaniline	14.917	138	25350	28.506	ng	90
54) 2,4-Dinitrophenol	15.128	184	58986	116.642	ng	95
55) Dibenzofuran	15.422	168	235035	48.367	ng	96
56) 4-Nitrophenol	15.211	139	73840	112.287	ng	95
57) 2,4-Dinitrotoluene	15.375	165	64256	50.709	ng	# 95
58) Fluorene	16.068	166	195874	48.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.640	232	66694	52.945	ng	99
60) Diethylphthalate	15.810	149	207031	49.664	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	114468	48.484	ng	97
62) 4-Nitroaniline	16.080	138	43789	47.526	ng	94
63) Azobenzene	16.344	77	203377	48.954	ng	99
65) 4,6-Dinitro-2-methylph...	16.133	198	42334	52.244	ng	97
66) n-Nitrosodiphenylamine	16.262	169	175857	48.963	ng	96
67) 4-Bromophenyl-phenylether	16.944	248	77754	46.968	ng	97
68) Hexachlorobenzene	17.073	284	82347	50.313	ng	100
69) Atrazine	17.196	200	79583	53.380	ng	98
70) Pentachlorophenol	17.414	266	106820	90.974	ng	94
71) Phenanthrene	17.813	178	335748	49.220	ng	100
72) Anthracene	17.901	178	341889	48.891	ng	99
73) Carbazole	18.166	167	304278	49.907	ng	96
74) Di-n-butylphthalate	18.688	149	350126	49.592	ng	99
75) Fluoranthene	19.799	202	421181	48.707	ng	99
77) Benzidine	19.963	184	155063	44.863	ng	99
78) Pyrene	20.157	202	428378	48.980	ng	97
80) Butylbenzylphthalate	21.020	149	154398	51.301	ng	92
81) Benzo(a)anthracene	22.072	228	433353	49.524	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	97468	32.986	ng	97
83) Chrysene	22.142	228	395335	48.252	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	220621	50.623	ng	98
85) Di-n-octyl phthalate	23.247	149	377920	51.458	ng	100
87) Indeno(1,2,3-cd)pyrene	29.744	276	523893	51.600	ng	# 93
88) Benzo(b)fluoranthene	24.504	252	453391	52.777	ng	99
89) Benzo(k)fluoranthene	24.580	252	449567	52.420	ng	99
90) Benzo(a)pyrene	25.473	252	399551	47.331	ng	99
91) Dibenzo(a,h)anthracene	29.803	278	432317	51.802	ng	98
92) Benzo(g,h,i)perylene	31.036	276	418709	51.238	ng	98

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

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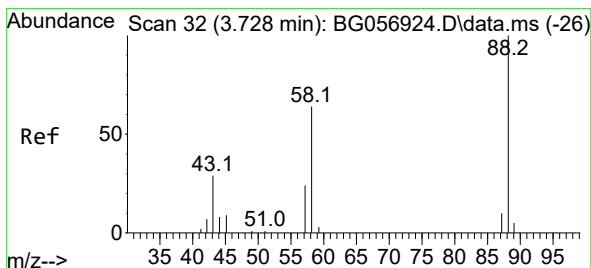
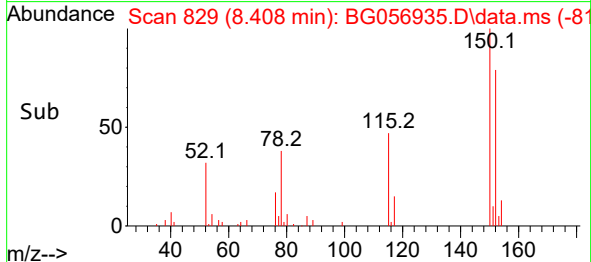
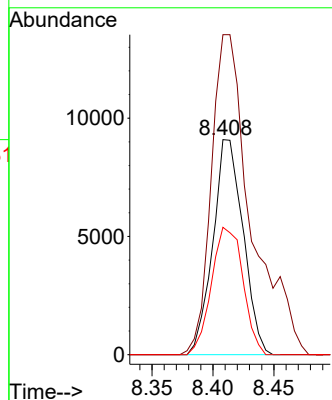
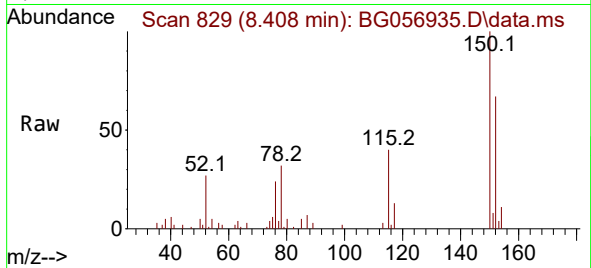




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

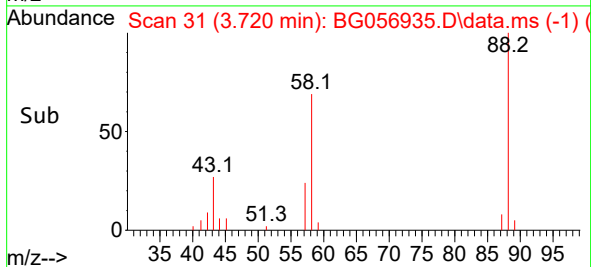
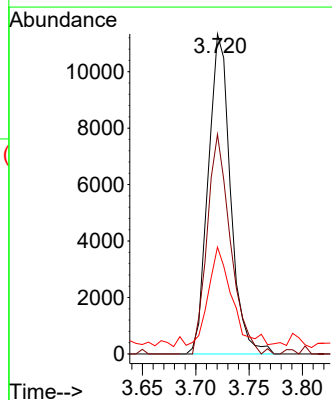
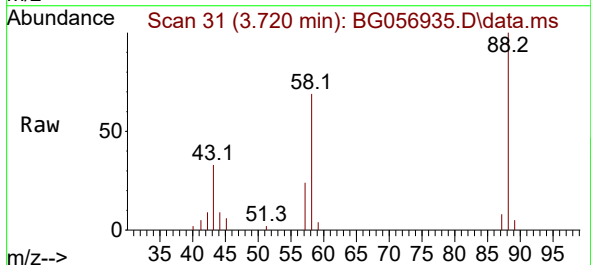
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion:152 Resp: 15699
Ion Ratio Lower Upper
152 100
150 148.8 124.1 186.1
115 59.2 49.1 73.7



#2
1,4-Dioxane
Concen: 38.379 ng
RT: 3.720 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 88 Resp: 16503
Ion Ratio Lower Upper
88 100
58 71.8 55.9 83.9
43 32.5 25.7 38.5

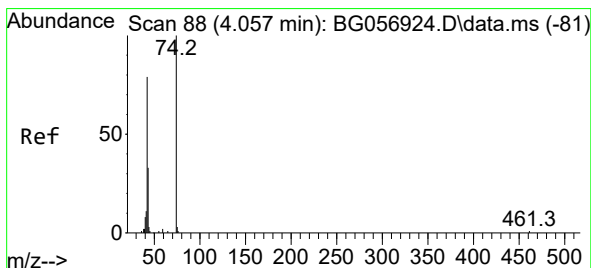
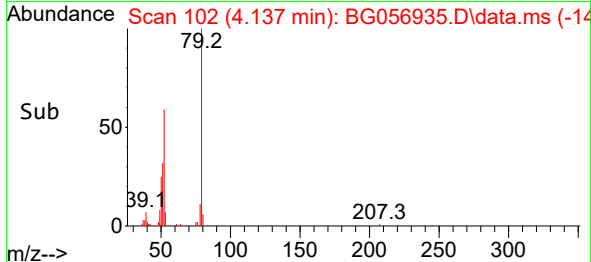
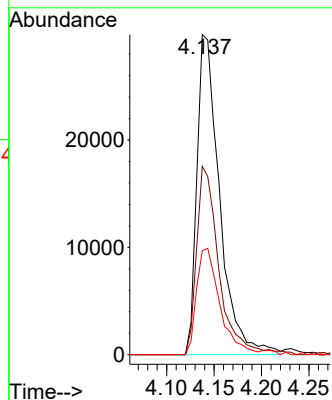
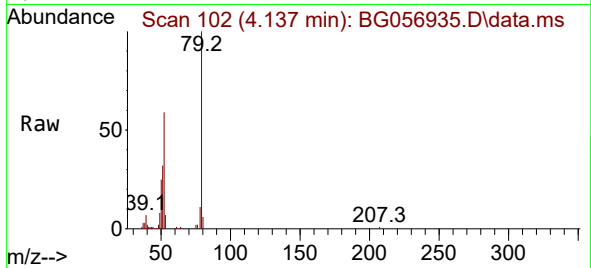




#3
Pyridine
Concen: 35.894 ng
RT: 4.137 min Scan# 104
Delta R.T. -0.014 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

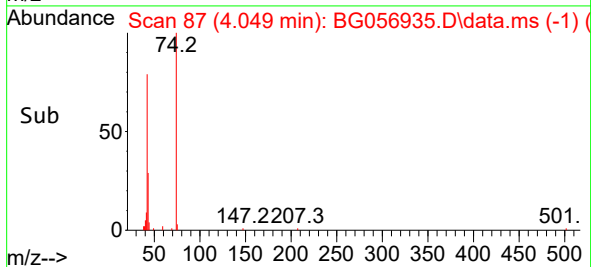
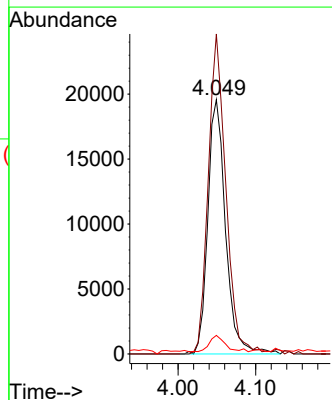
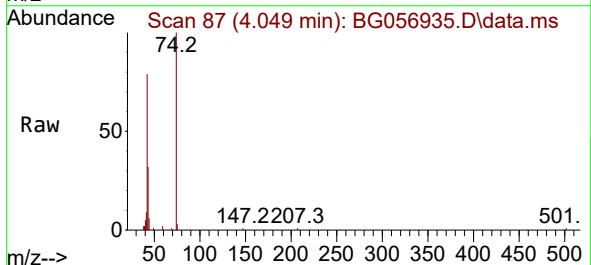
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ClientSampleId :
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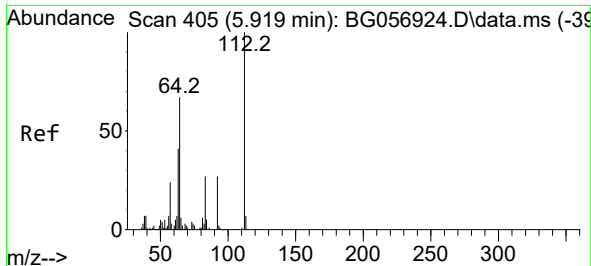
Tgt Ion: 79 Resp: 49712
Ion Ratio Lower Upper
79 100
52 58.9 46.1 69.1
51 32.4 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 48.828 ng
RT: 4.049 min Scan# 87
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

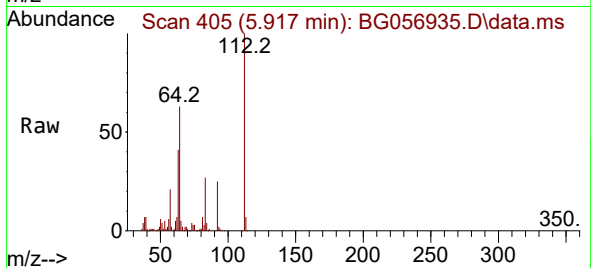
Tgt Ion: 42 Resp: 31092
Ion Ratio Lower Upper
42 100
74 125.8 100.6 151.0
44 7.3 4.6 7.0



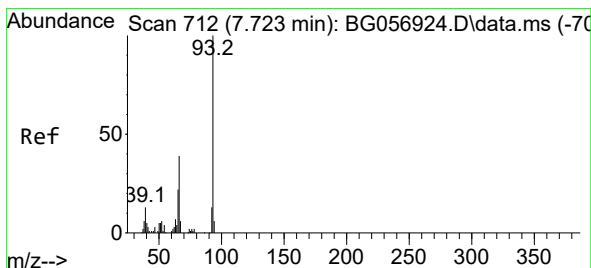
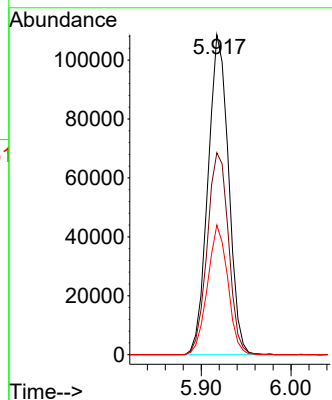
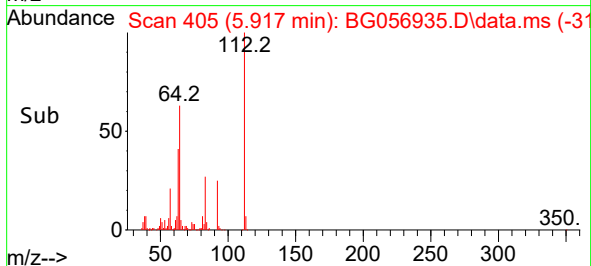


#5
2-Fluorophenol
Concen: 176.479 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

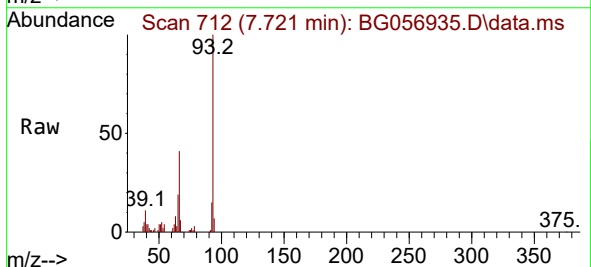
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ClientSampleId :
PB151747BSD



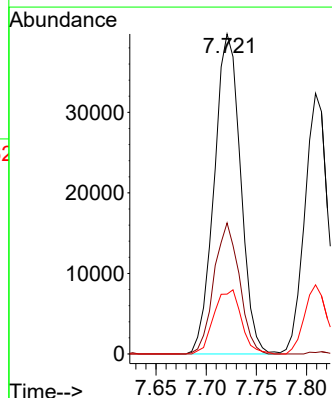
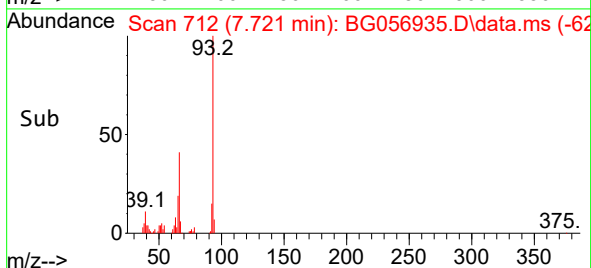
Tgt Ion:112 Resp: 173111
Ion Ratio Lower Upper
112 100
64 63.1 53.2 79.8
63 40.5 32.6 48.8

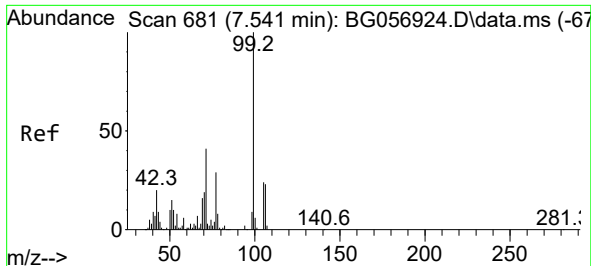


#6
Aniline
Concen: 38.697 ng
RT: 7.721 min Scan# 712
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57



Tgt Ion: 93 Resp: 72577
Ion Ratio Lower Upper
93 100
66 40.9 31.4 47.0
65 18.7 17.3 25.9

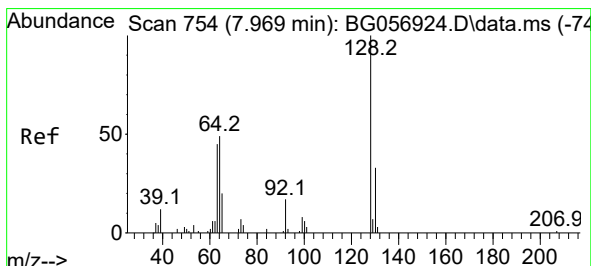
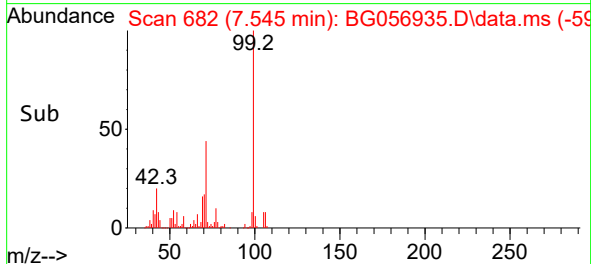
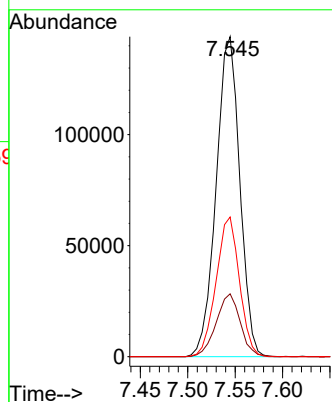
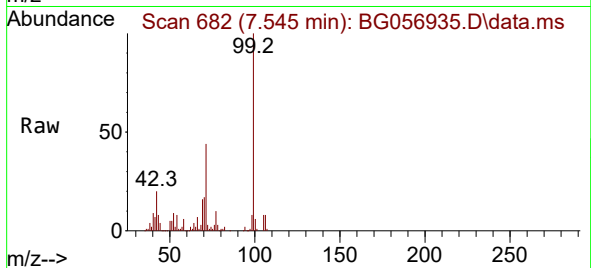




#7
Phenol-d6
Concen: 170.211 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG056935.D
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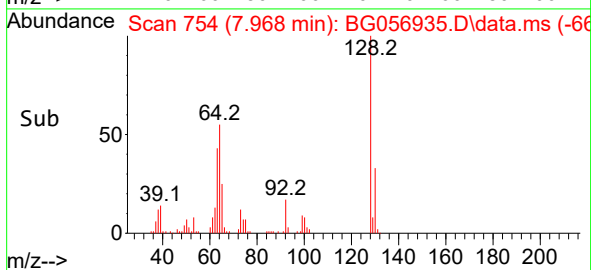
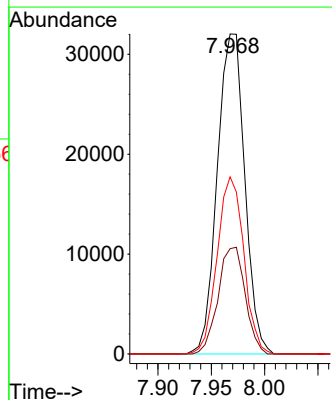
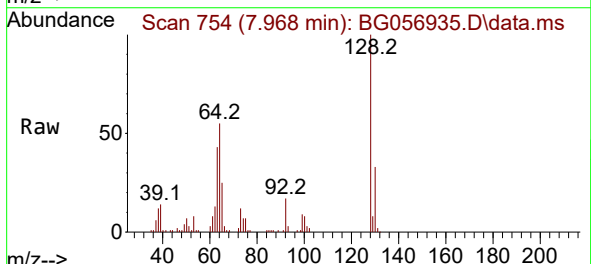
Instrument :
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Tgt Ion: 99 Resp: 249713
Ion Ratio Lower Upper
99 100
42 19.6 15.7 23.5
71 43.6 32.5 48.7



#8
2-Chlorophenol
Concen: 58.742 ng
RT: 7.968 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 128 Resp: 57393
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 55.4 40.6 80.6

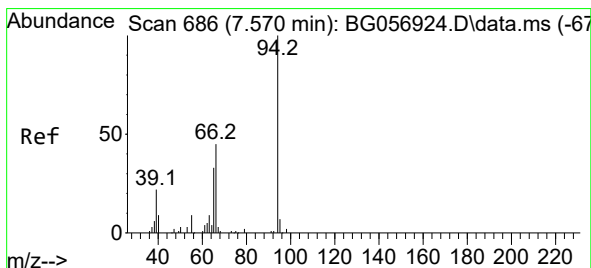
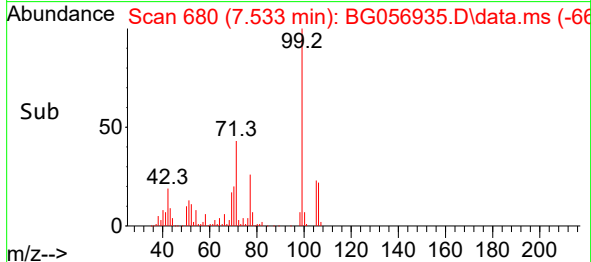
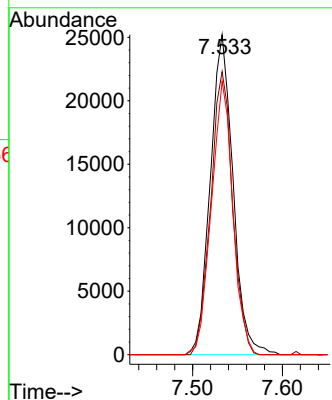
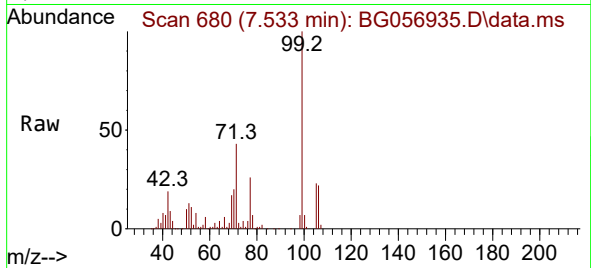




#9
Benzaldehyde
Concen: 48.126 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

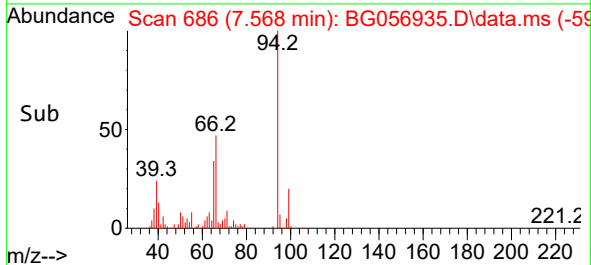
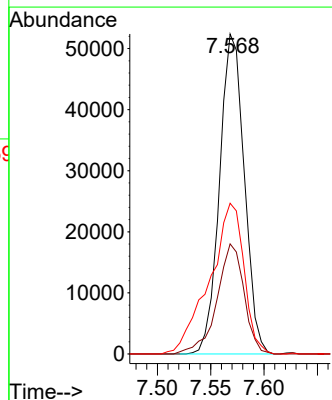
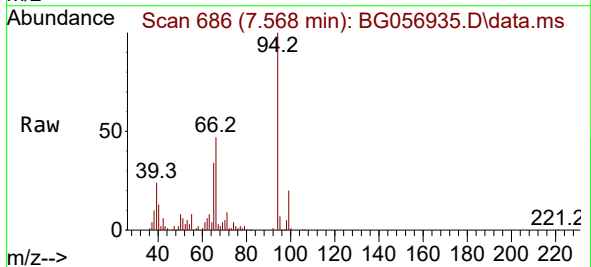
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BNA_G
ClientSampleId :
PB151747BSD

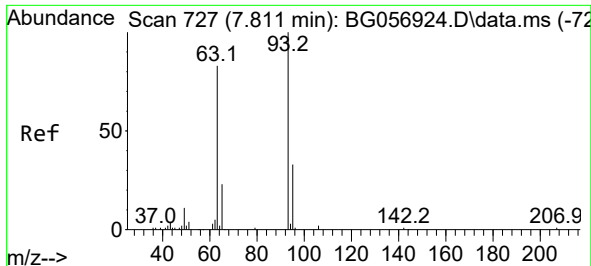
Tgt Ion: 77 Resp: 44285
Ion Ratio Lower Upper
77 100
105 88.4 73.6 113.6
106 85.5 56.7 96.7



#10
Phenol
Concen: 58.004 ng
RT: 7.568 min Scan# 686
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 94 Resp: 84320
Ion Ratio Lower Upper
94 100
65 34.4 13.3 53.3
66 47.1 26.7 66.7

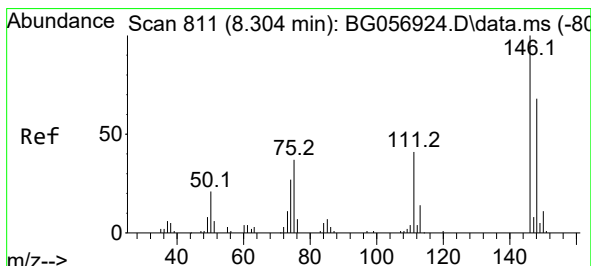
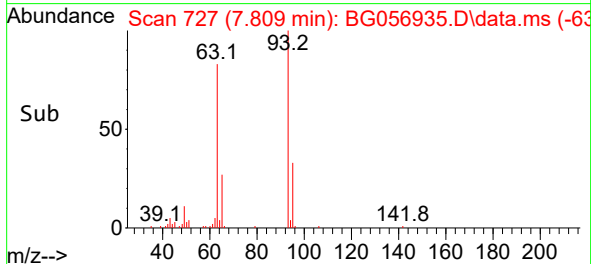
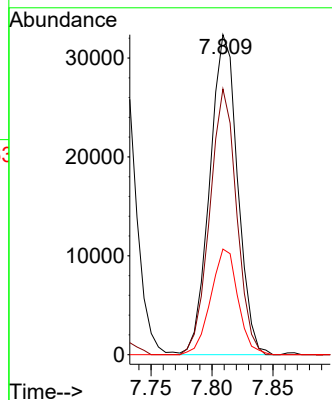
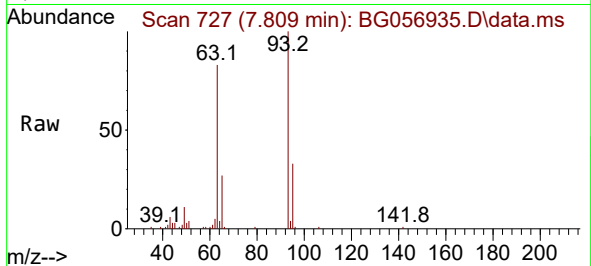




#11
bis(2-Chloroethyl)ether
Concen: 49.725 ng
RT: 7.809 min Scan# 727
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

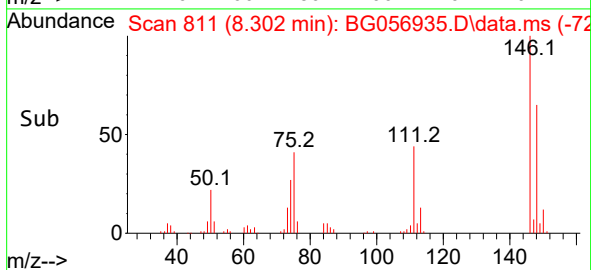
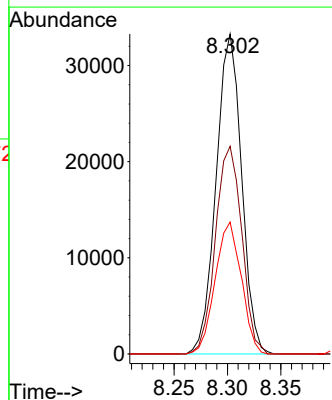
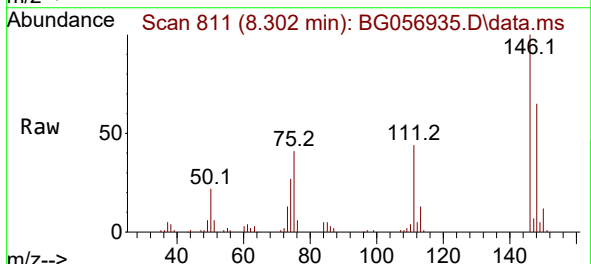
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

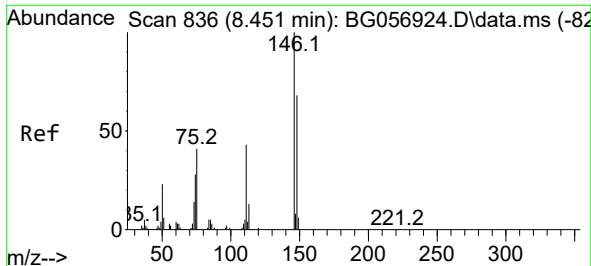
Tgt Ion: 93 Resp: 51490
Ion Ratio Lower Upper
93 100
63 83.1 62.7 102.7
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.223 ng
RT: 8.302 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 146 Resp: 55300
Ion Ratio Lower Upper
146 100
148 64.9 54.2 81.4
75 41.2 29.8 44.8

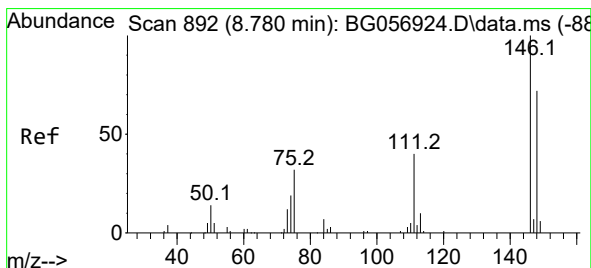
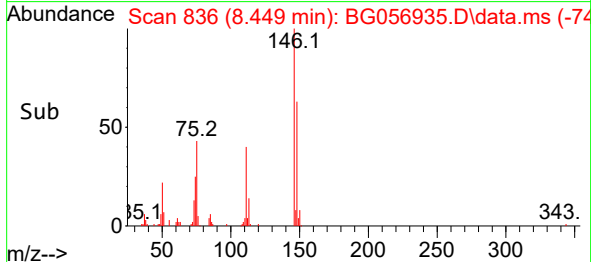
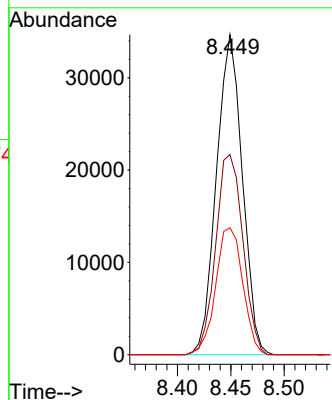
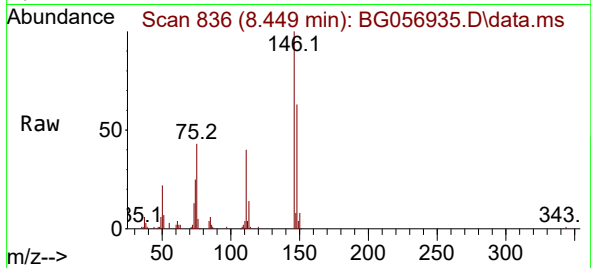




#13
1,4-Dichlorobenzene
Concen: 53.689 ng
RT: 8.449 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

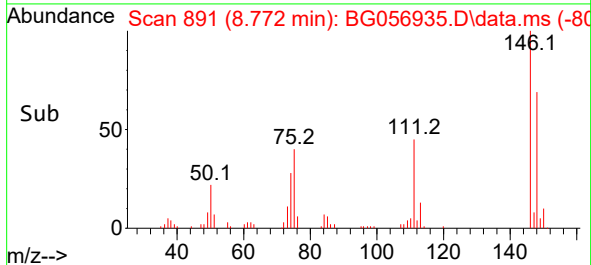
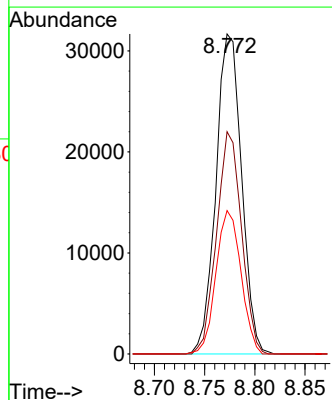
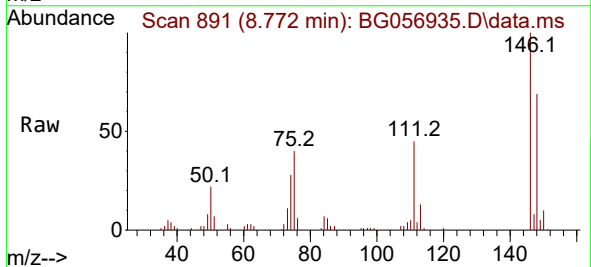
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion:146 Resp: 58499
Ion Ratio Lower Upper
146 100
148 62.6 54.8 82.2
111 39.6 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 53.436 ng
RT: 8.772 min Scan# 891
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:146 Resp: 56251
Ion Ratio Lower Upper
146 100
148 69.4 57.4 86.0
111 44.8 33.2 49.8

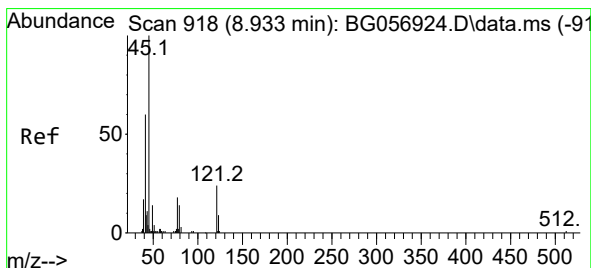
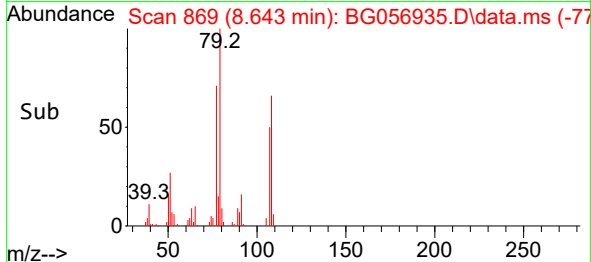
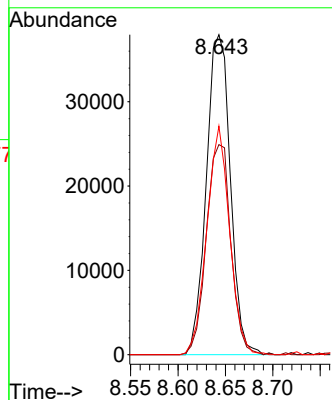
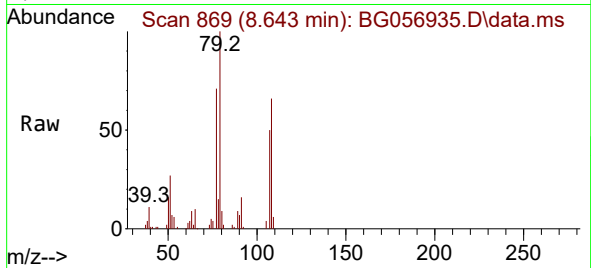




#15
Benzyl Alcohol
Concen: 55.001 ng
RT: 8.643 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

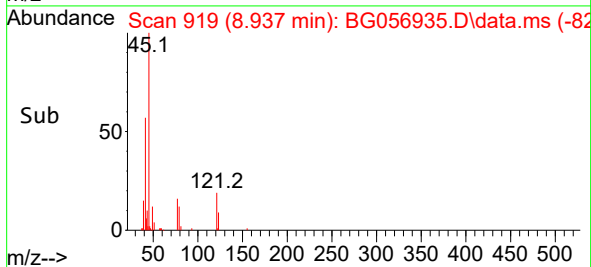
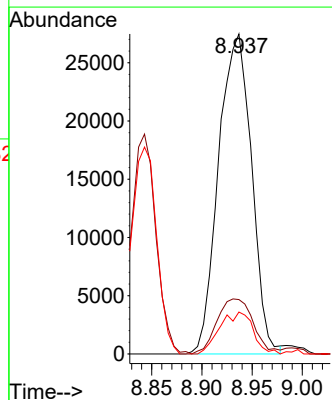
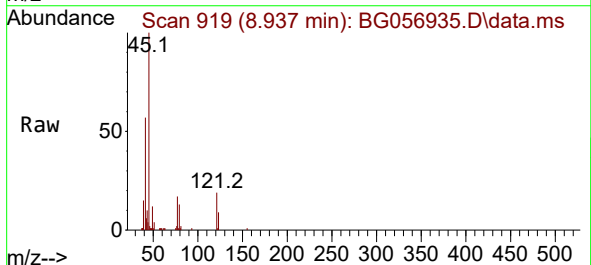
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion: 79 Resp: 67048
Ion Ratio Lower Upper
79 100
108 65.6 51.2 76.8
77 71.4 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.383 ng
RT: 8.937 min Scan# 919
Delta R.T. 0.004 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 45 Resp: 62875
Ion Ratio Lower Upper
45 100
77 17.0 0.0 38.7
79 13.1 0.0 35.1

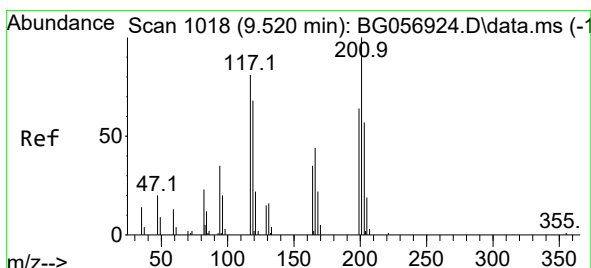
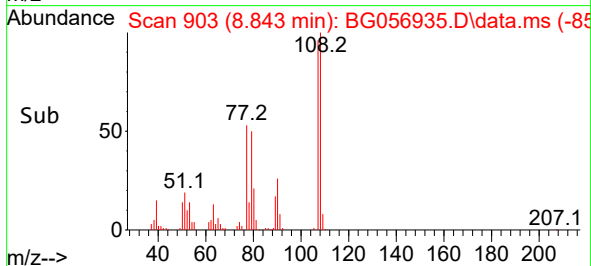
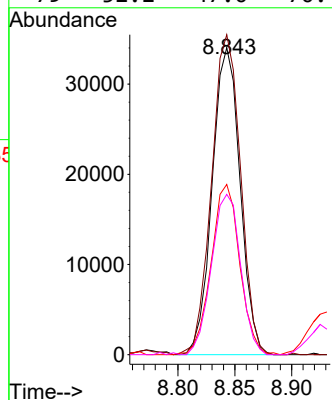
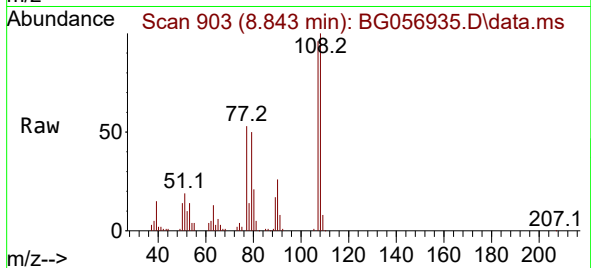




#17
2-Methylphenol
Concen: 55.949 ng
RT: 8.843 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

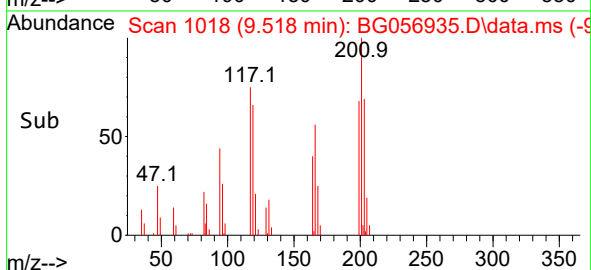
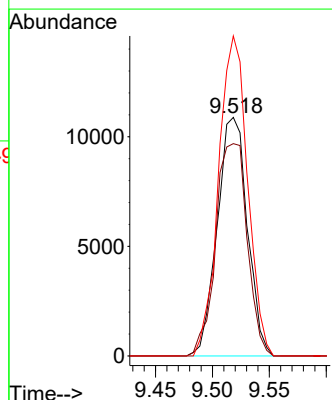
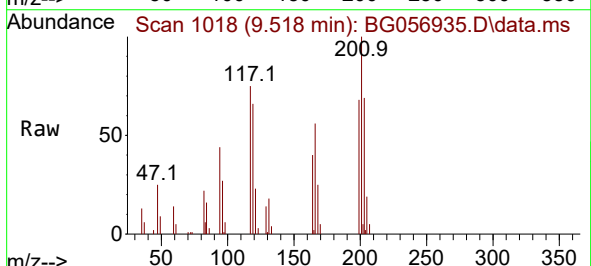
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

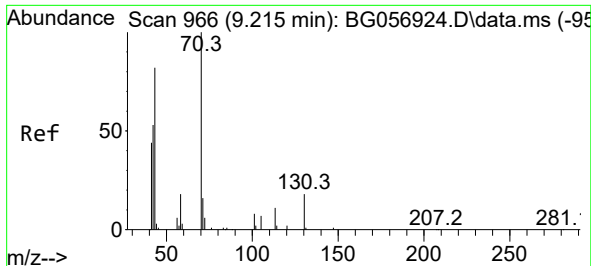
Tgt Ion:	107	Resp:	58026
Ion Ratio	Lower	Upper	
107	100		
108	104.2	96.0	144.0
77	55.4	45.6	68.4
79	52.2	47.0	70.4



#18
Hexachloroethane
Concen: 50.383 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:	117	Resp:	20065
Ion Ratio	Lower	Upper	
117	100		
119	89.0	67.0	100.6
201	134.2	98.7	148.1

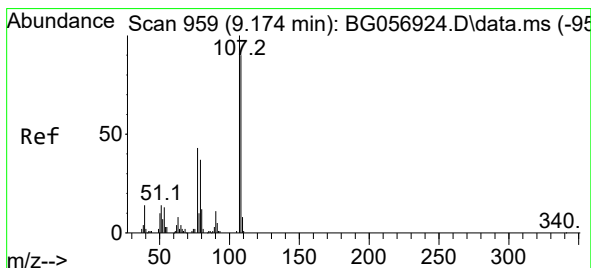
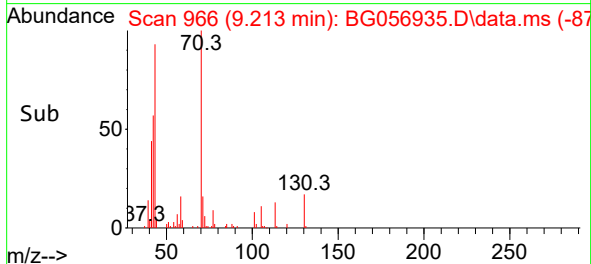
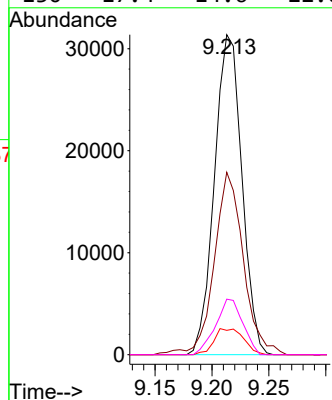
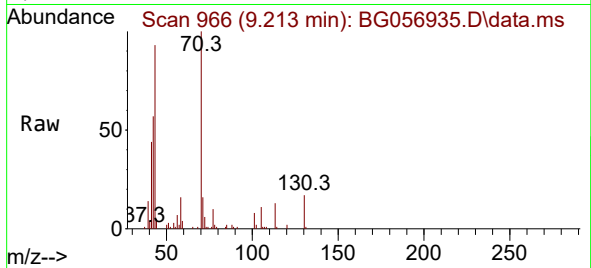




#19
n-Nitroso-di-n-propylamine
Concen: 50.192 ng
RT: 9.213 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

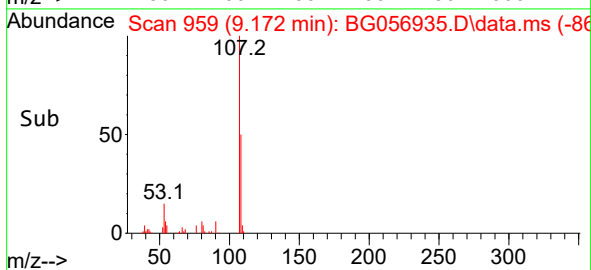
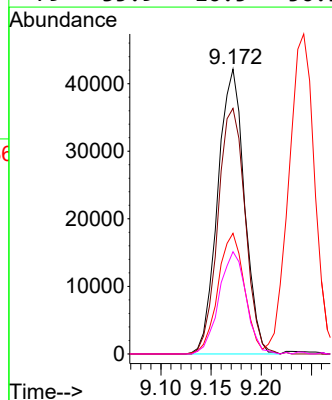
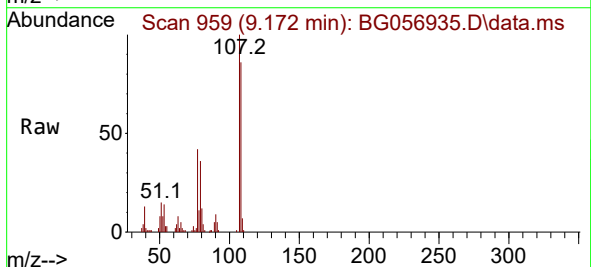
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

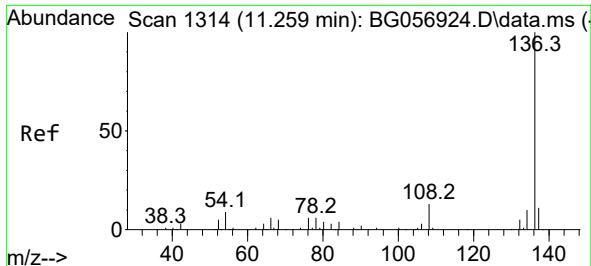
Tgt Ion: 70 Resp: 52669
Ion Ratio Lower Upper
70 100
42 57.0 43.4 65.0
101 7.6 6.2 9.2
130 17.4 14.6 22.0



#20
3+4-Methylphenols
Concen: 53.679 ng
RT: 9.172 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 107 Resp: 77847
Ion Ratio Lower Upper
107 100
108 86.3 69.9 109.9
77 42.4 22.7 62.7
79 35.9 16.5 56.5

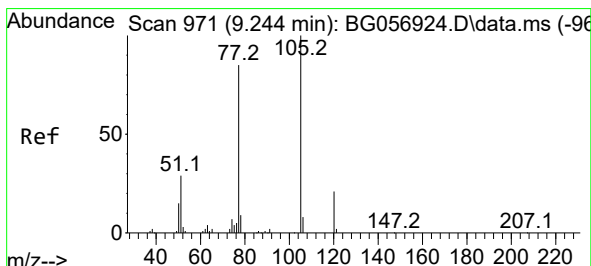
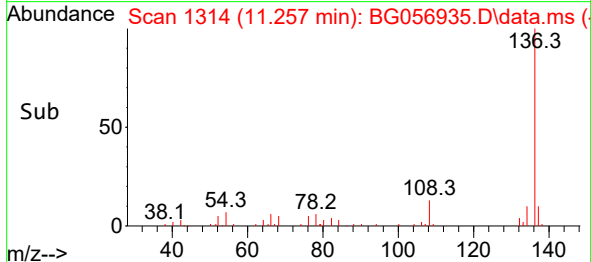
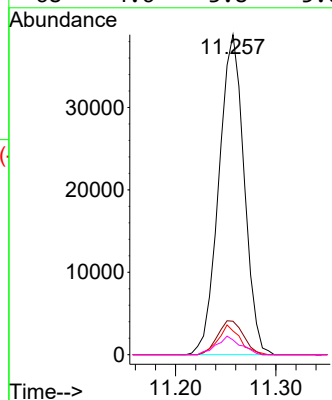
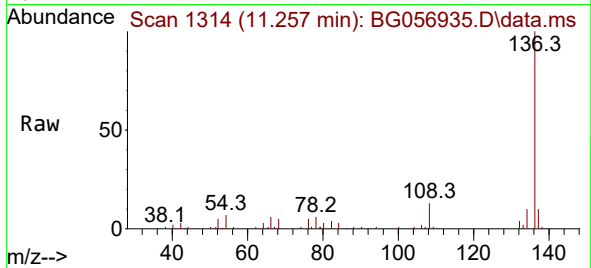




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

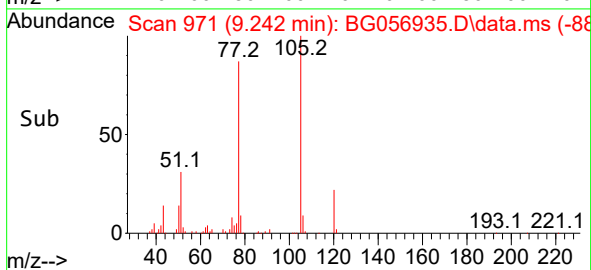
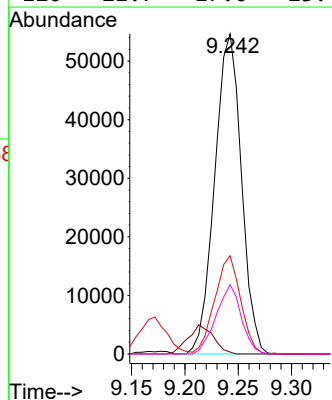
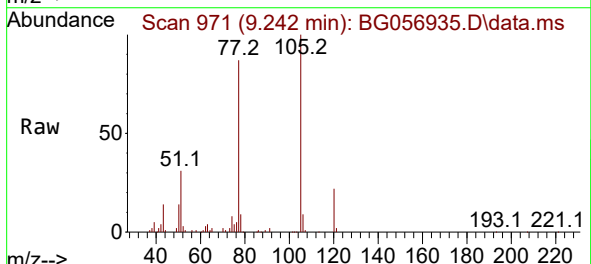
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

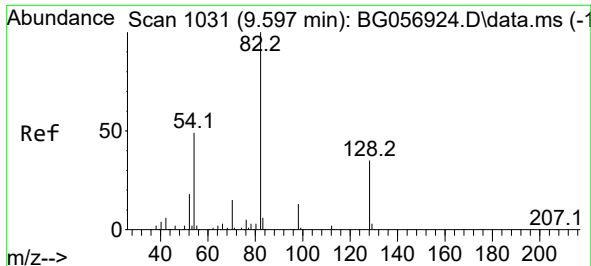
Tgt Ion:	136	Resp:	67850
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	7.4	6.9	10.3
68	4.6	3.8	5.6



#22
Acetophenone
Concen: 47.006 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:	105	Resp:	94903
Ion Ratio	Lower	Upper	
105	100		
71	0.6	0.7	1.1#
51	30.7	23.8	35.8
120	21.7	17.0	25.4

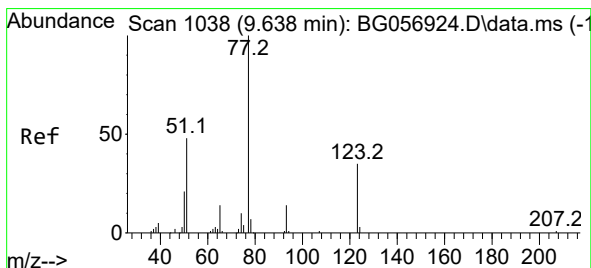
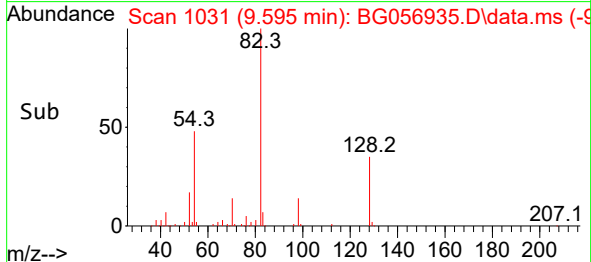
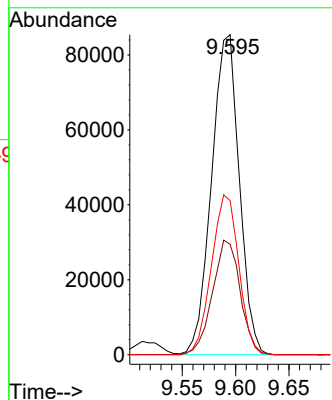
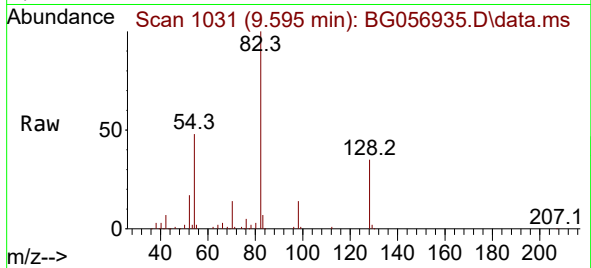




#23
Nitrobenzene-d5
Concen: 92.991 ng
RT: 9.595 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

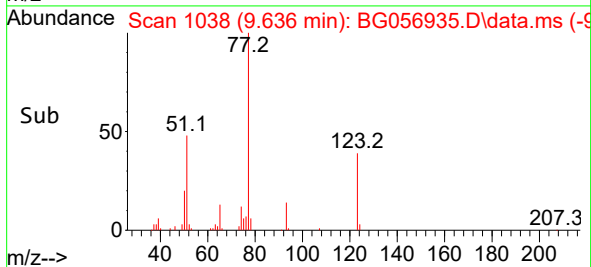
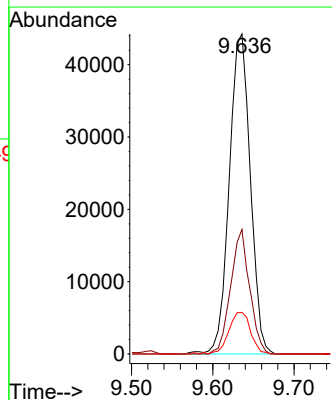
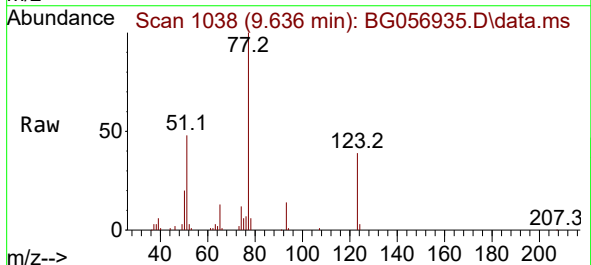
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

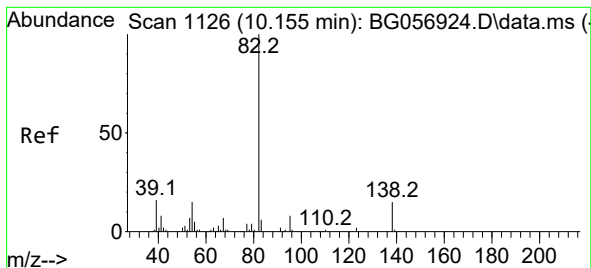
Tgt Ion: 82 Resp: 154199
Ion Ratio Lower Upper
82 100
128 34.5 27.9 41.9
54 48.1 39.4 59.2



#24
Nitrobenzene
Concen: 46.985 ng
RT: 9.636 min Scan# 1038
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 77 Resp: 79655
Ion Ratio Lower Upper
77 100
123 38.9 27.6 41.4
65 13.0 11.5 17.3





#25

Isophorone

Concen: 44.718 ng

RT: 10.153 min Scan# 1126

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

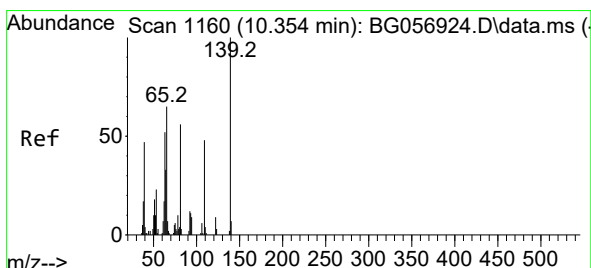
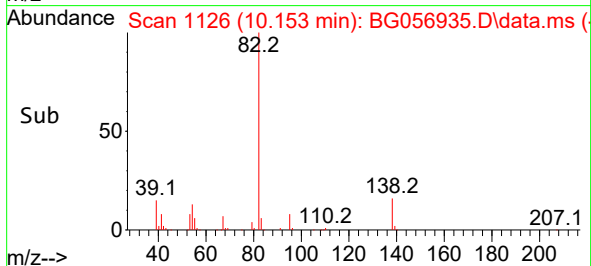
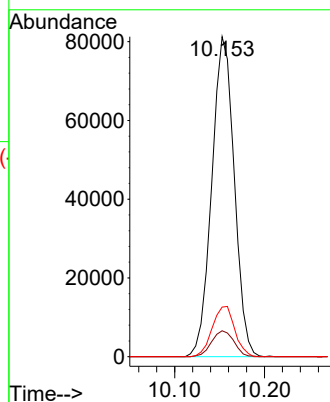
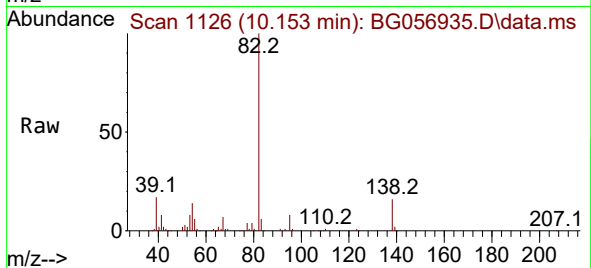
Tgt Ion: 82 Resp: 141204

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

138 15.5 11.8 17.8



#26

2-Nitrophenol

Concen: 48.331 ng

RT: 10.353 min Scan# 1160

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

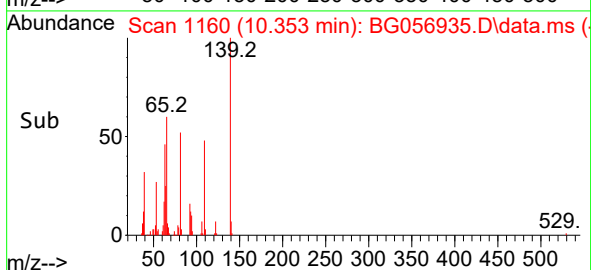
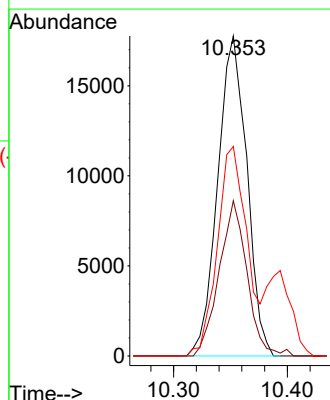
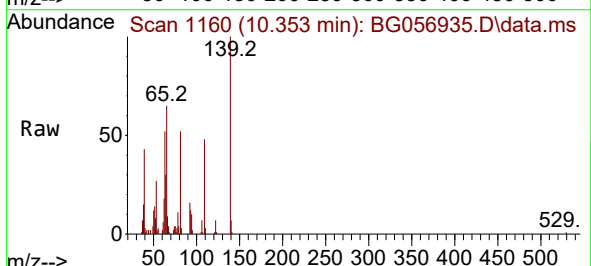
Tgt Ion:139 Resp: 31627

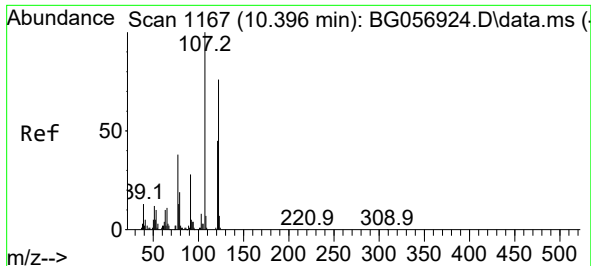
Ion Ratio Lower Upper

139 100

109 48.5 38.2 57.4

65 65.4 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 51.247 ng

RT: 10.394 min Scan# 1167

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

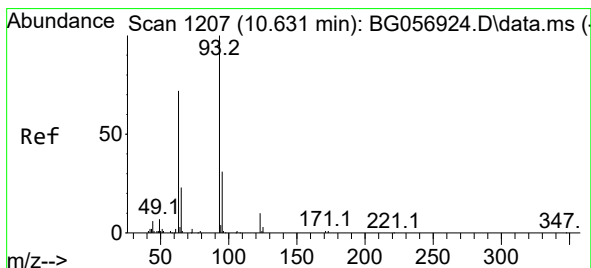
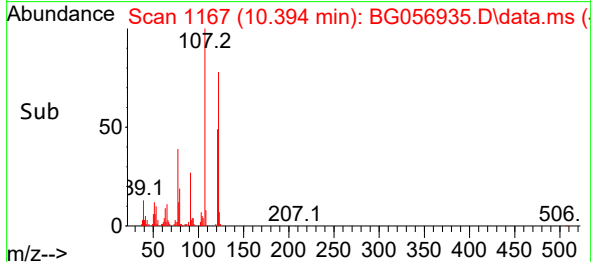
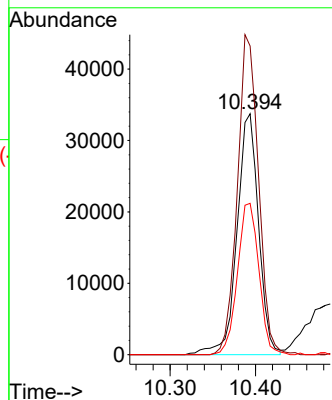
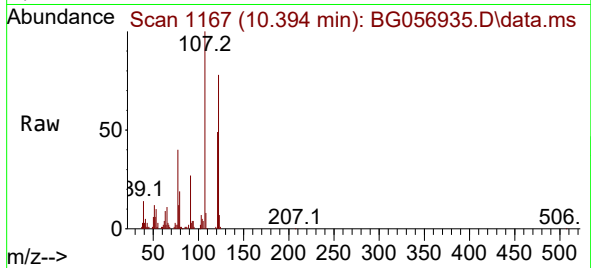
Tgt Ion:122 Resp: 59210

Ion Ratio Lower Upper

122 100

107 128.1 105.7 158.5

121 62.8 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.834 ng

RT: 10.629 min Scan# 1207

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

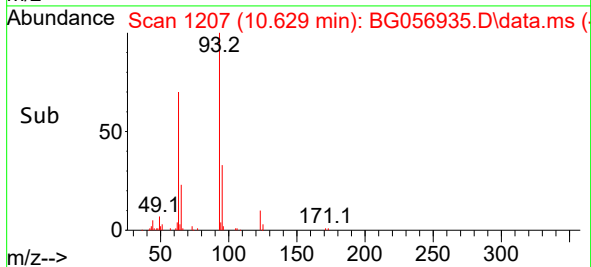
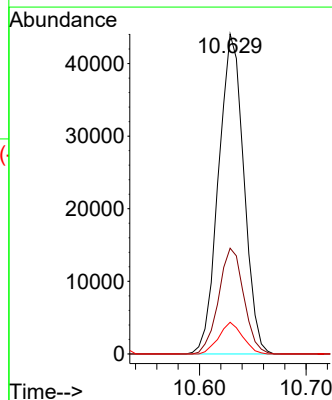
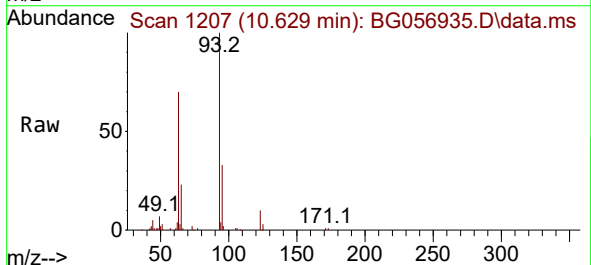
Tgt Ion: 93 Resp: 72457

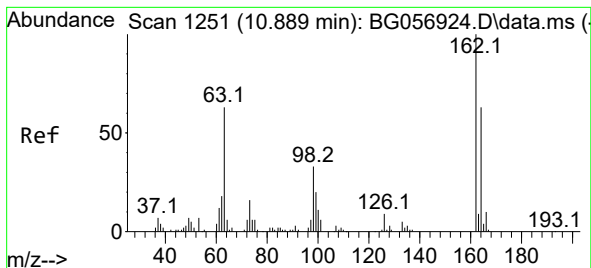
Ion Ratio Lower Upper

93 100

95 33.1 24.6 37.0

123 9.9 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 50.549 ng

RT: 10.887 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

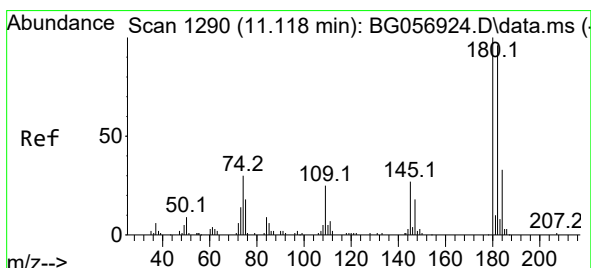
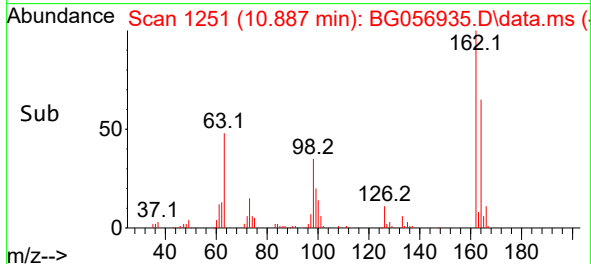
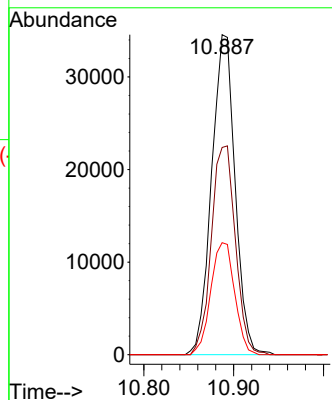
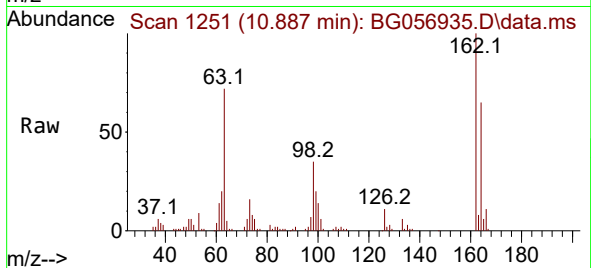
Tgt Ion:162 Resp: 62810

Ion Ratio Lower Upper

162 100

164 64.8 43.4 83.4

98 35.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 48.655 ng

RT: 11.110 min Scan# 1289

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

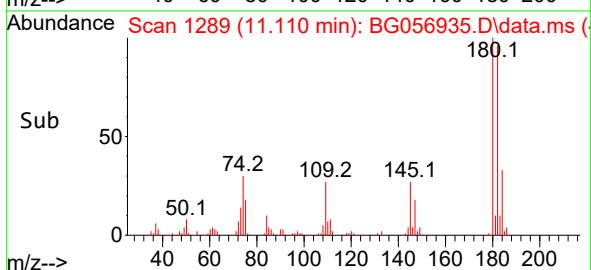
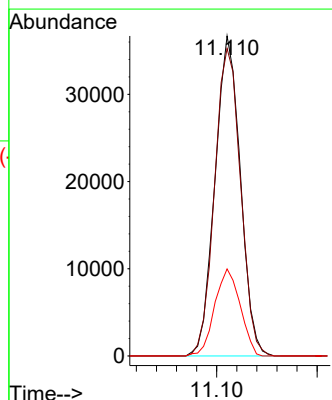
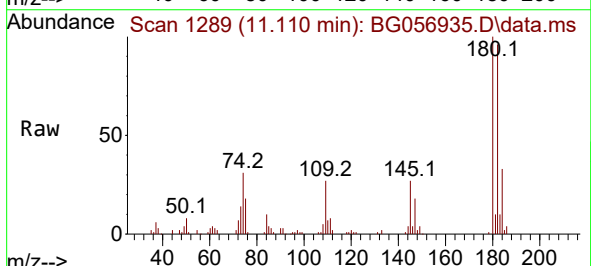
Tgt Ion:180 Resp: 64236

Ion Ratio Lower Upper

180 100

182 96.1 77.1 115.7

145 27.2 21.3 31.9

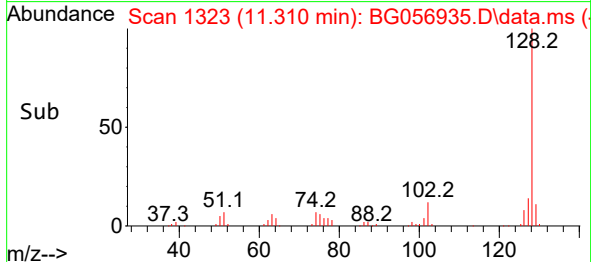
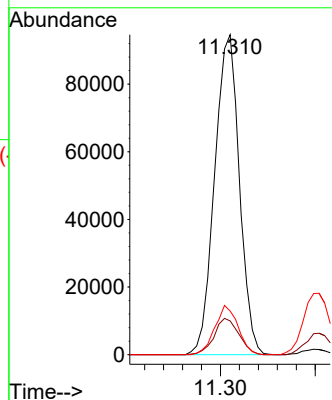
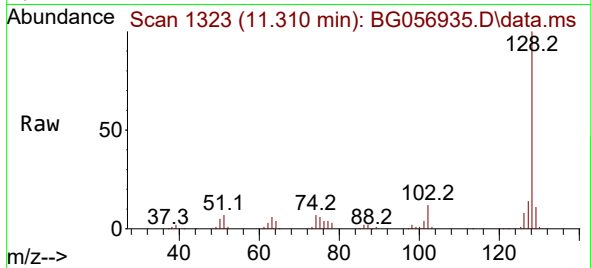




#31
Naphthalene
Concen: 46.351 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

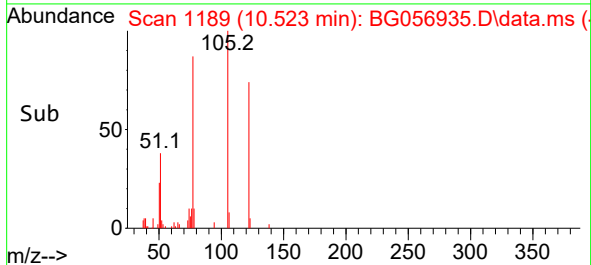
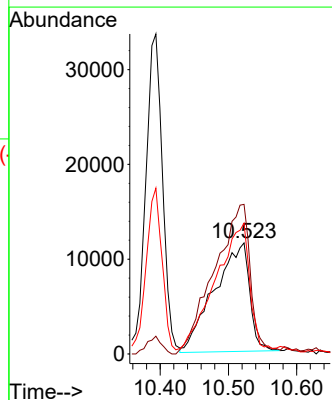
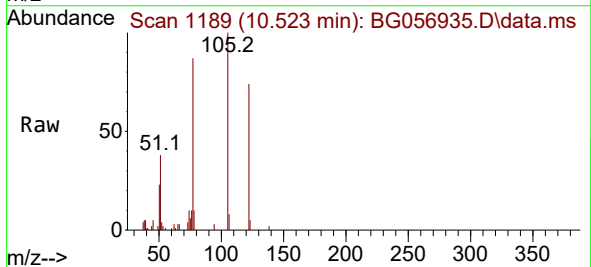
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

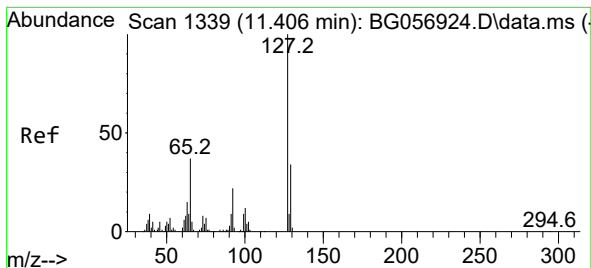
Tgt Ion:128 Resp: 171419
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.6 12.2 18.4



#32
Benzoic acid
Concen: 51.818 ng
RT: 10.523 min Scan# 1189
Delta R.T. 0.010 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:122 Resp: 41125
Ion Ratio Lower Upper
122 100
105 134.6 105.4 145.4
77 117.7 87.4 127.4





#33

4-Chloroaniline

Concen: 21.157 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

Tgt Ion:127 Resp: 35338

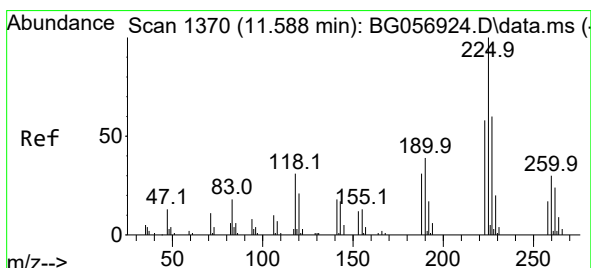
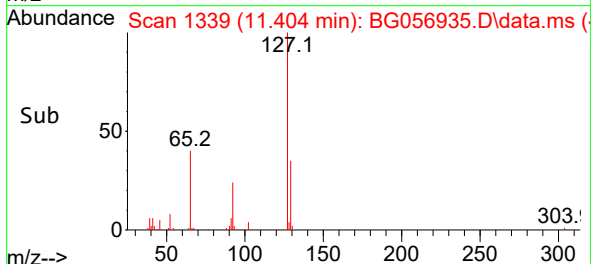
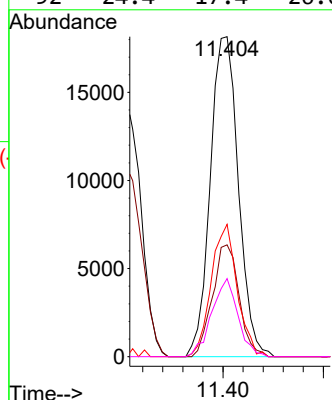
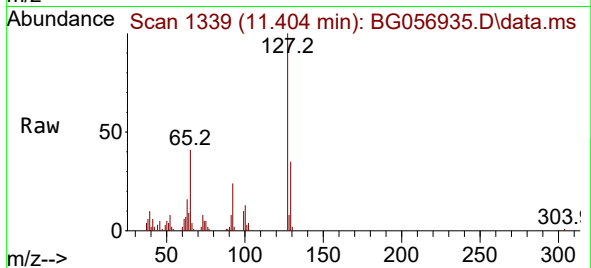
Ion Ratio Lower Upper

127 100

129 35.0 27.6 41.4

65 41.3 29.8 44.8

92 24.4 17.4 26.0



#34

Hexachlorobutadiene

Concen: 46.250 ng

RT: 11.580 min Scan# 1369

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

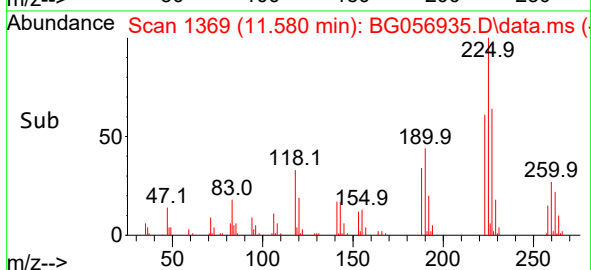
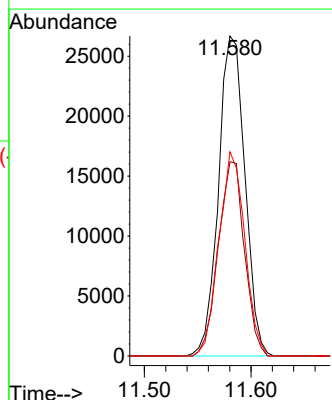
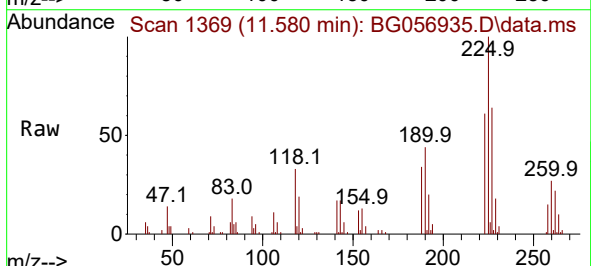
Tgt Ion:225 Resp: 45868

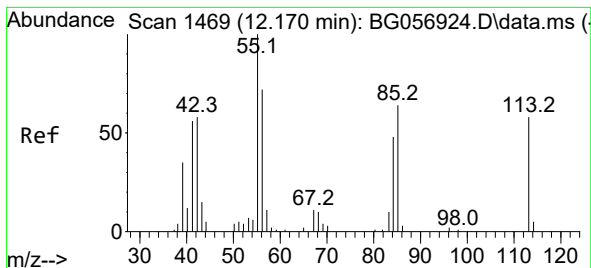
Ion Ratio Lower Upper

225 100

223 60.7 46.4 69.6

227 63.8 48.0 72.0

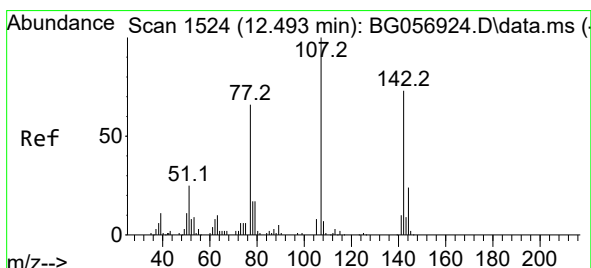
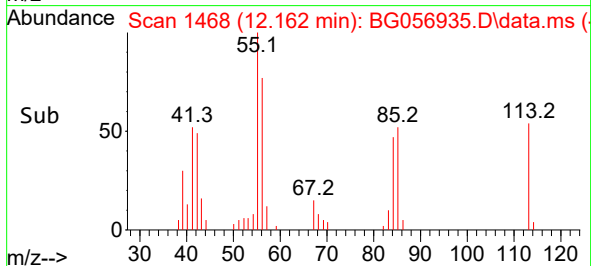
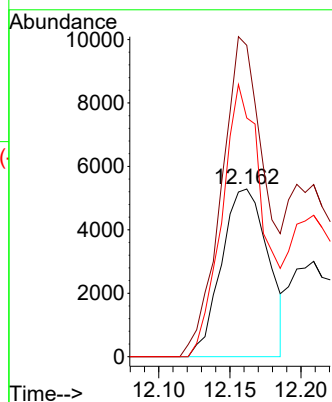
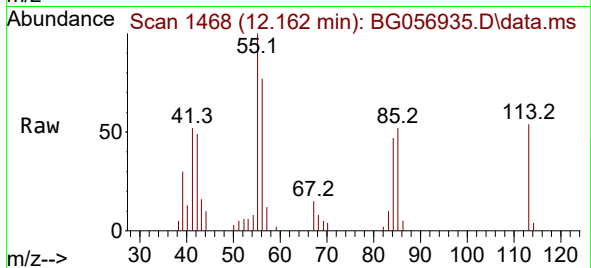




#35
 Caprolactam
 Concen: 28.151 ng
 RT: 12.162 min Scan# 1468
 Delta R.T. -0.008 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

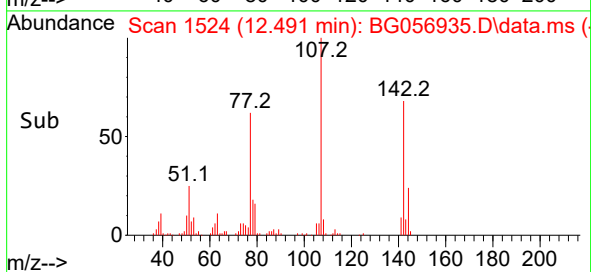
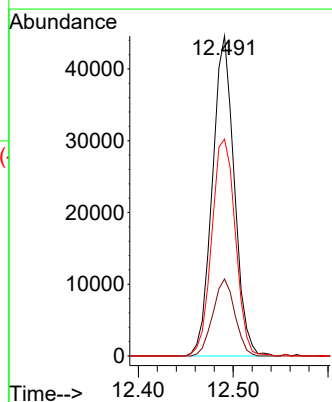
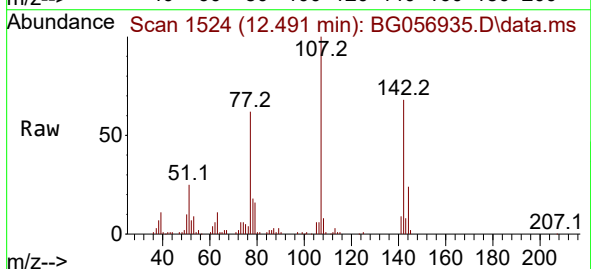
Instrument :
 BNA_G
 ClientSampleId :
 PB151747BSD

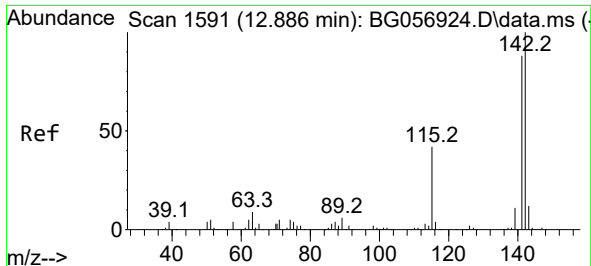
Tgt Ion:113 Resp: 12063
 Ion Ratio Lower Upper
 113 100
 55 185.7 151.6 191.6
 56 142.3 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.551 ng
 RT: 12.491 min Scan# 1524
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

Tgt Ion:107 Resp: 71634
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.0 28.4
 142 67.7 58.6 88.0





#37

2-Methylnaphthalene

Concen: 44.465 ng

RT: 12.884 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

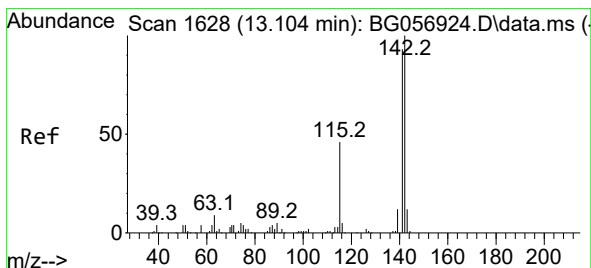
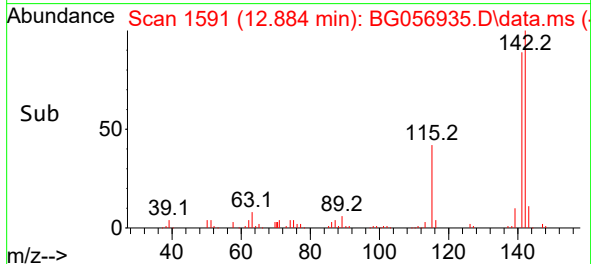
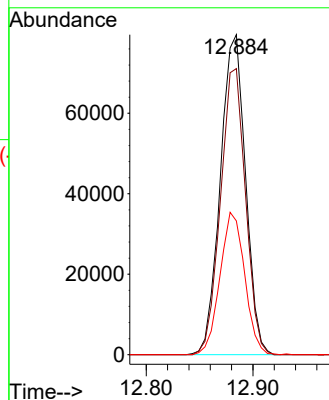
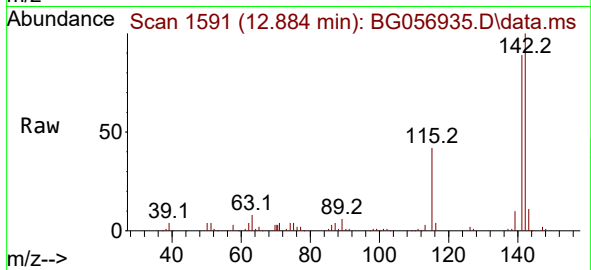
Tgt Ion:142 Resp: 130515

Ion Ratio Lower Upper

142 100

141 89.4 70.3 105.5

115 41.8 33.5 50.3



#38

1-Methylnaphthalene

Concen: 44.210 ng

RT: 13.096 min Scan# 1627

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

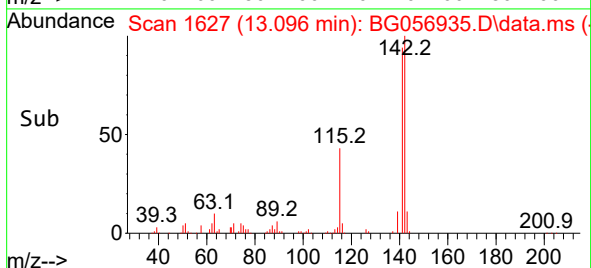
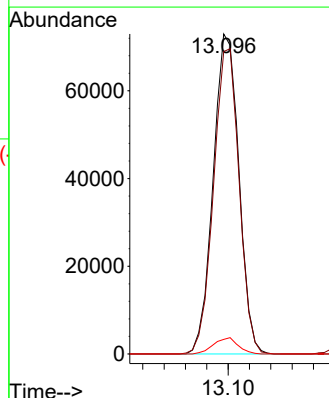
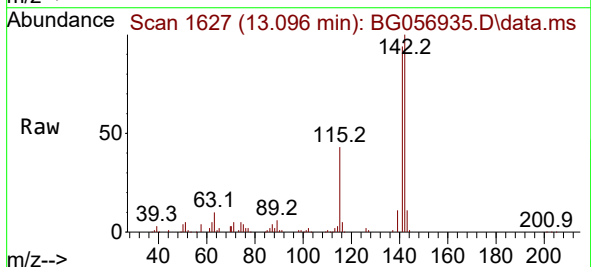
Tgt Ion:142 Resp: 121849

Ion Ratio Lower Upper

142 100

141 94.5 74.0 111.0

116 4.5 3.7 5.5

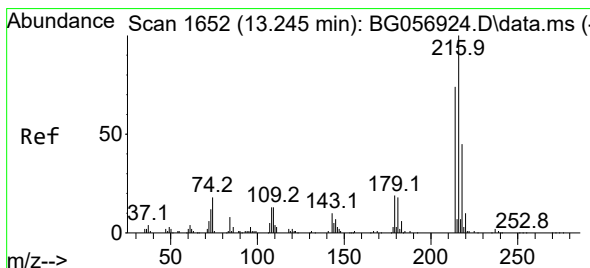
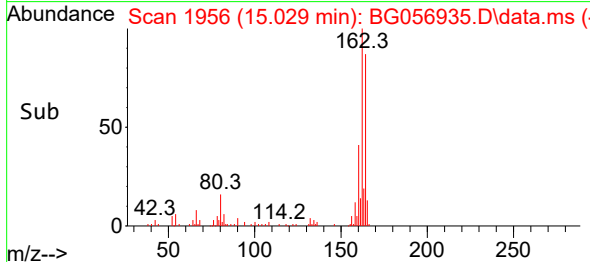
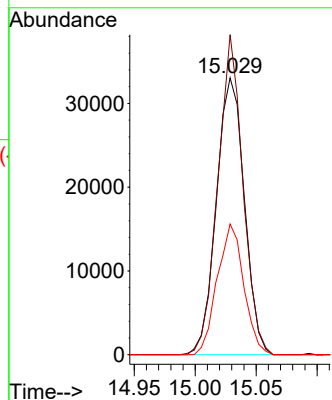
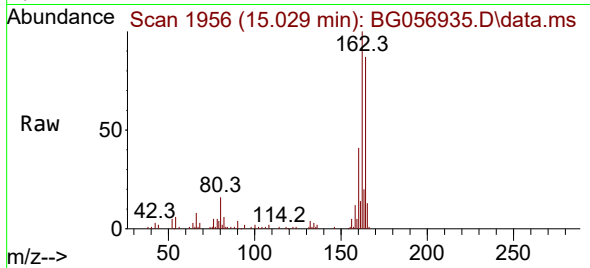




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

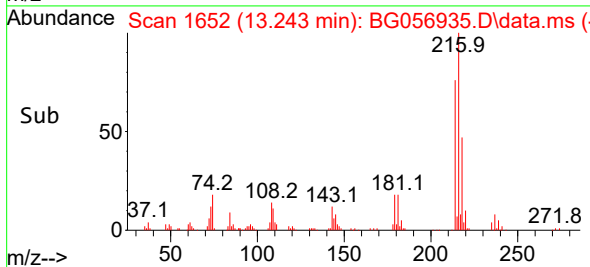
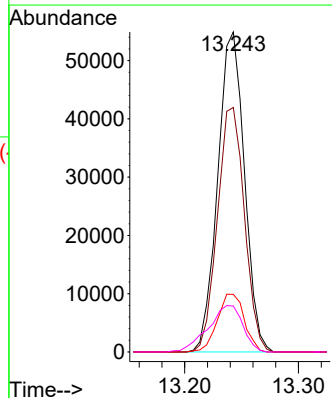
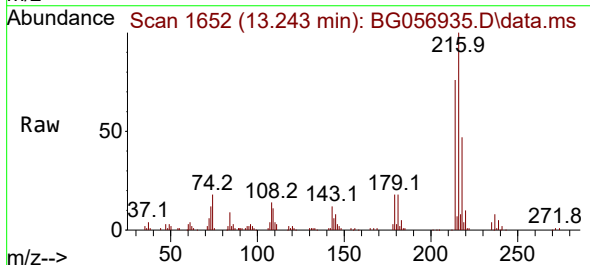
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

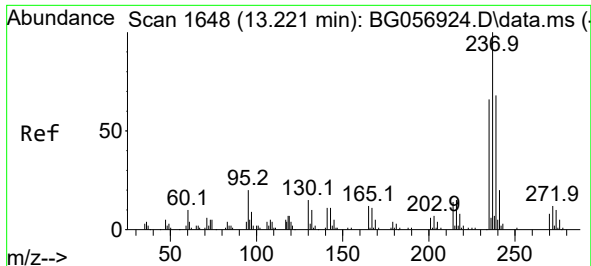
Tgt Ion:164 Resp: 52775
Ion Ratio Lower Upper
164 100
162 115.6 77.8 116.8
160 47.2 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.895 ng
RT: 13.243 min Scan# 1652
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

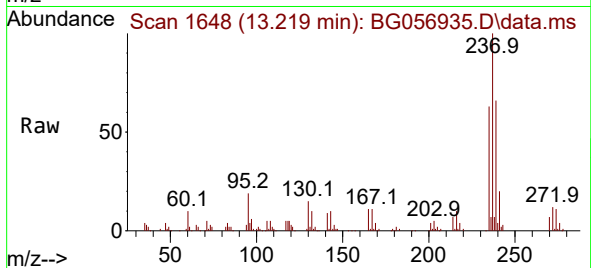
Tgt Ion:216 Resp: 89482
Ion Ratio Lower Upper
216 100
214 77.3 63.3 94.9
179 18.3 15.0 22.6
108 18.9 12.6 19.0



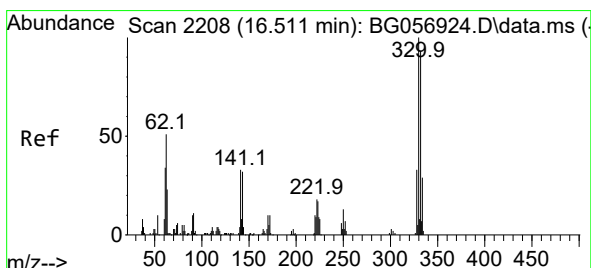
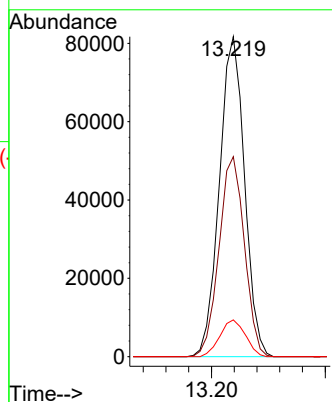
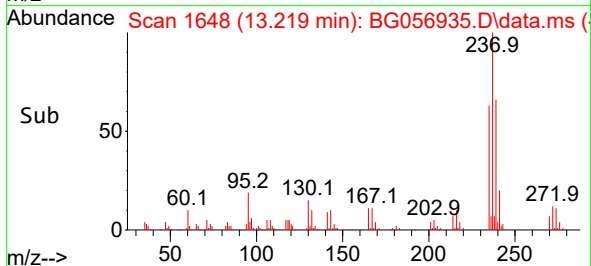


#41
Hexachlorocyclopentadiene
Concen: 124.353 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

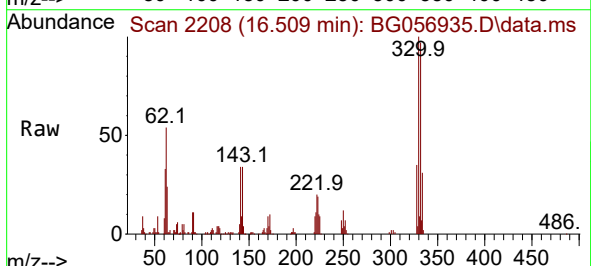
Instrument :
BNA_G
ClientSampleId :
PB151747BSD



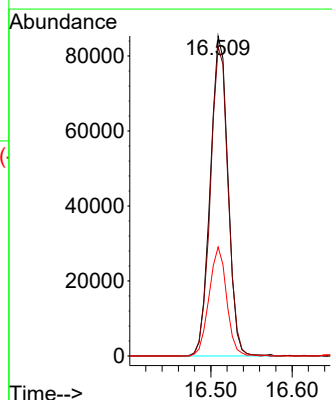
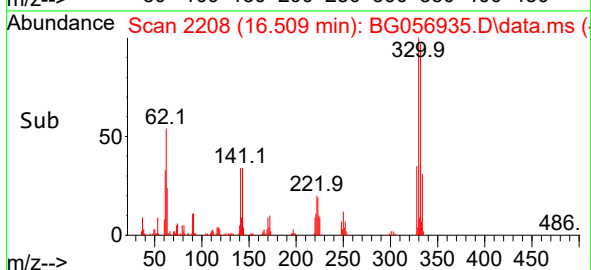
Tgt Ion:237 Resp: 125389
Ion Ratio Lower Upper
237 100
235 62.5 45.9 85.9
272 11.5 0.0 32.3

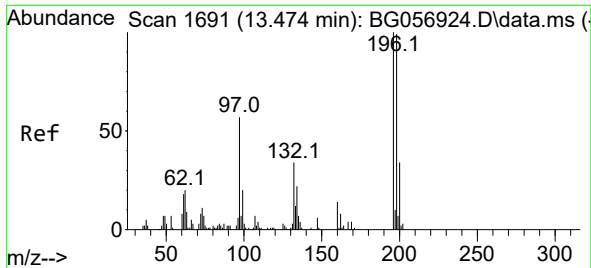


#42
2,4,6-Tribromophenol
Concen: 152.588 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57



Tgt Ion:330 Resp: 128647
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 33.8 25.8 38.6

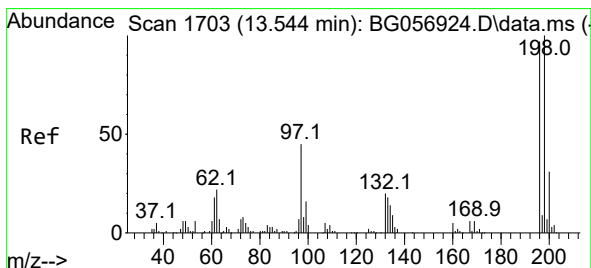
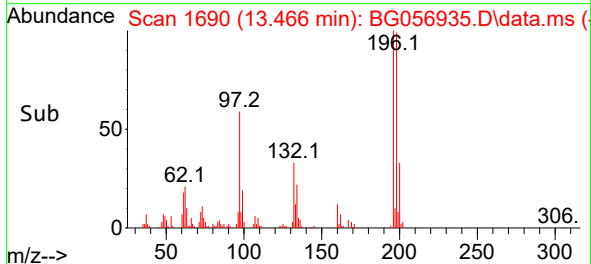
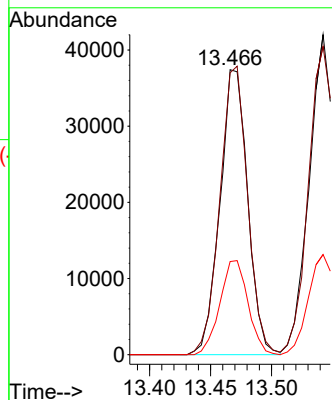
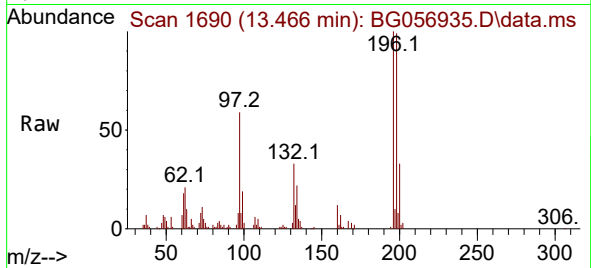




#43
2,4,6-Trichlorophenol
Concen: 50.809 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

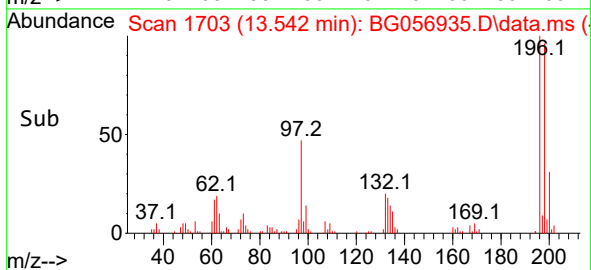
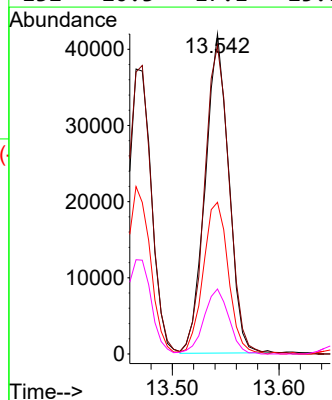
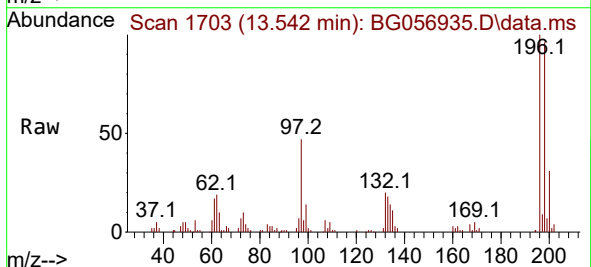
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

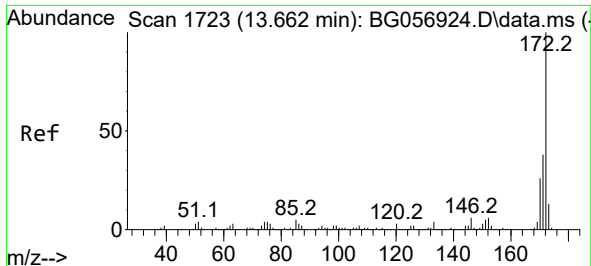
Tgt Ion:196 Resp: 59337
Ion Ratio Lower Upper
196 100
198 98.9 79.1 118.7
200 32.7 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 46.545 ng
RT: 13.542 min Scan# 1703
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:196 Resp: 64395
Ion Ratio Lower Upper
196 100
198 96.3 82.5 123.7
97 47.4 37.0 55.6
132 20.3 17.1 25.7

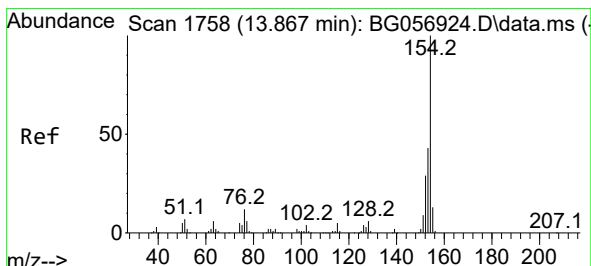
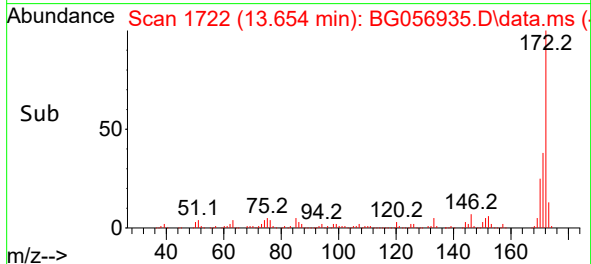
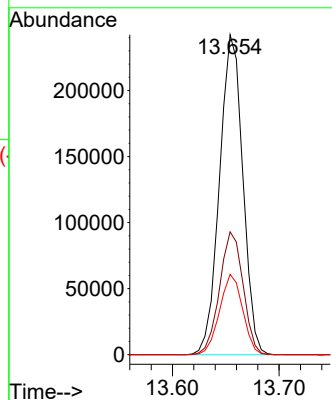
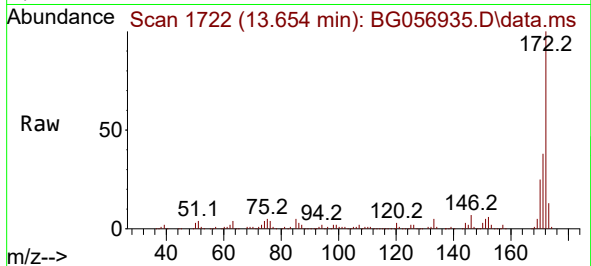




#45
2-Fluorobiphenyl
Concen: 94.379 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

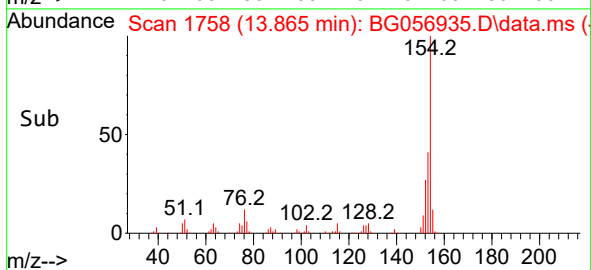
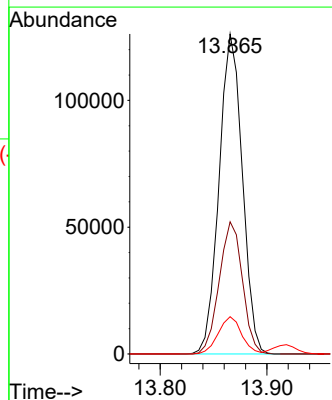
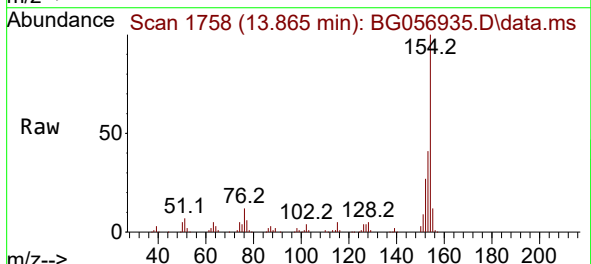
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion:172 Resp: 367316
Ion Ratio Lower Upper
172 100
171 38.4 30.6 46.0
170 25.1 20.6 30.8



#46
1,1'-Biphenyl
Concen: 49.403 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:154 Resp: 190856
Ion Ratio Lower Upper
154 100
153 41.3 23.4 63.4
76 11.6 0.0 31.6

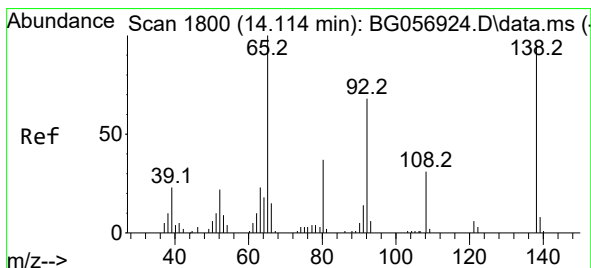
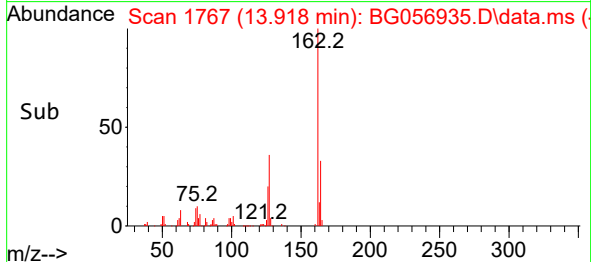
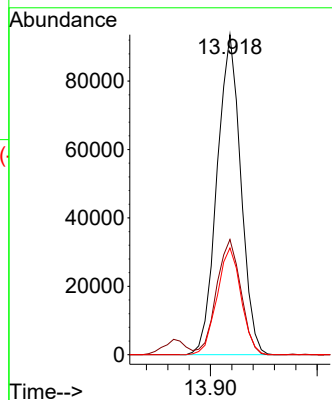
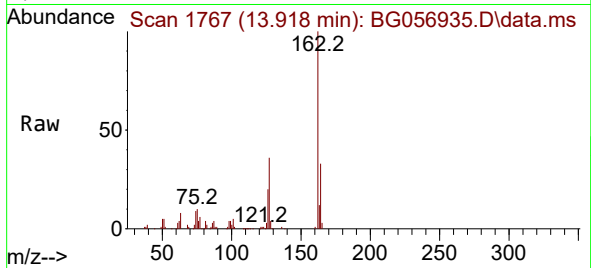




#47
2-Chloronaphthalene
Concen: 50.613 ng
RT: 13.918 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

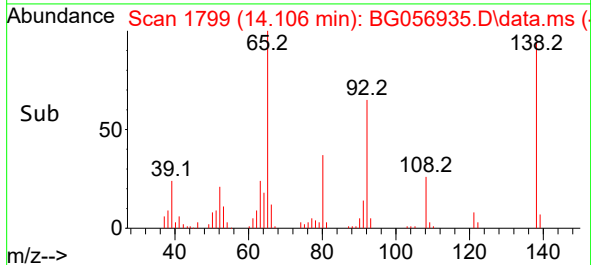
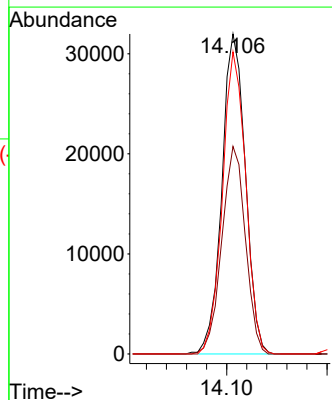
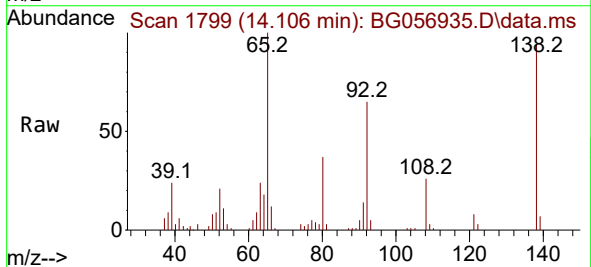
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

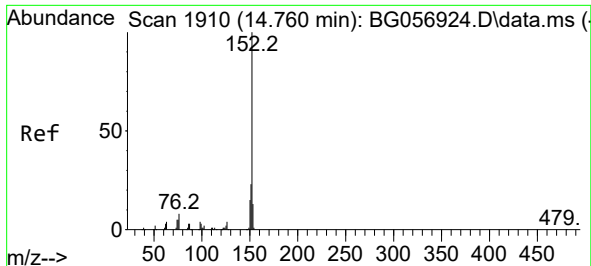
Tgt Ion:162 Resp: 144616
Ion Ratio Lower Upper
162 100
127 36.0 29.5 44.3
164 33.3 25.5 38.3



#48
2-Nitroaniline
Concen: 50.861 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 65 Resp: 51964
Ion Ratio Lower Upper
65 100
92 64.9 54.3 81.5
138 94.4 76.0 114.0

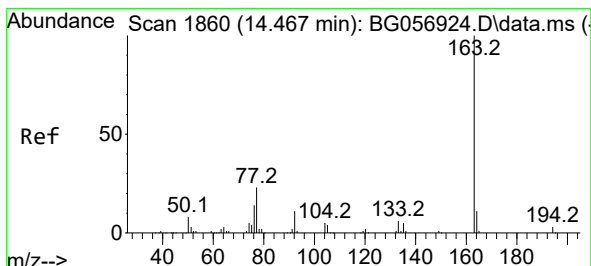
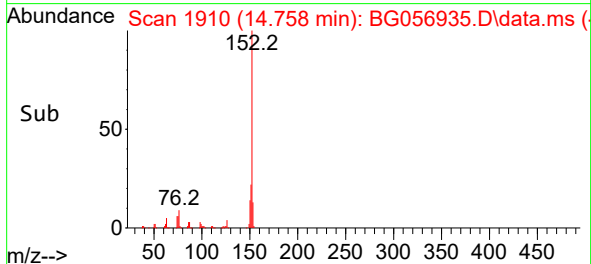
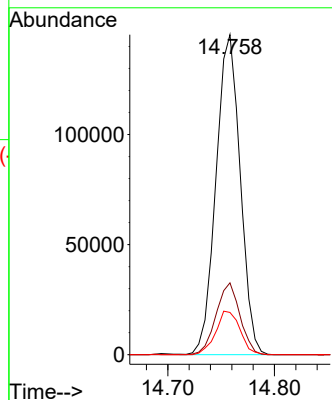
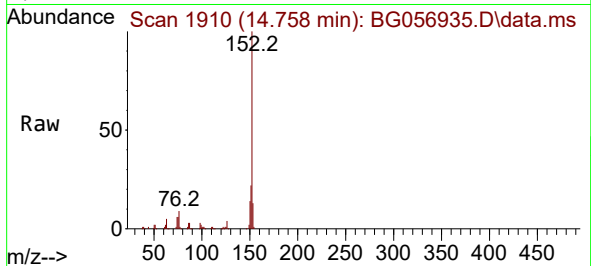




#49
Acenaphthylene
Concen: 48.780 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

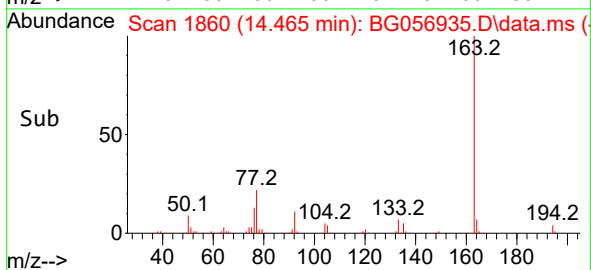
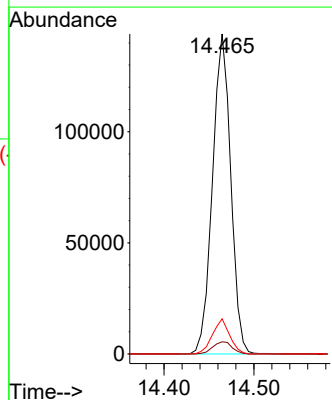
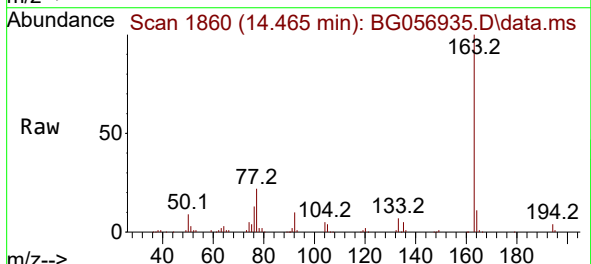
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion:152 Resp: 229001
Ion Ratio Lower Upper
152 100
151 22.4 18.2 27.2
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 48.812 ng
RT: 14.465 min Scan# 1860
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:163 Resp: 202973
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 11.0 8.8 13.2

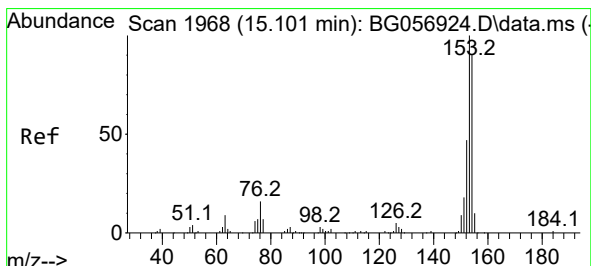
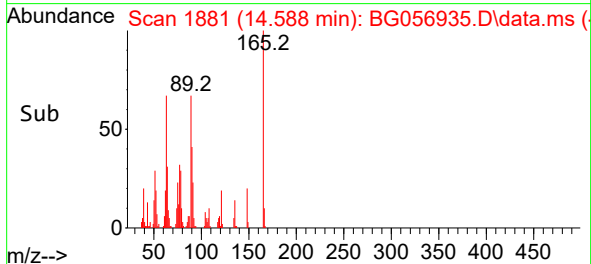
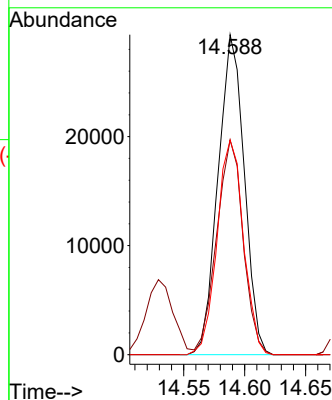
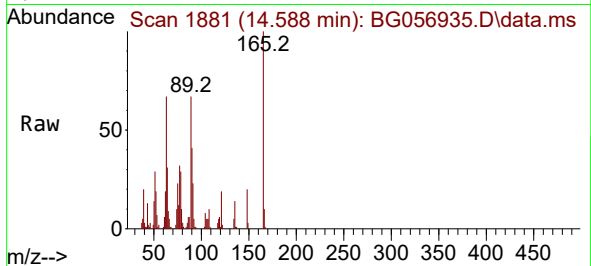




#51
2,6-Dinitrotoluene
Concen: 48.821 ng
RT: 14.588 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

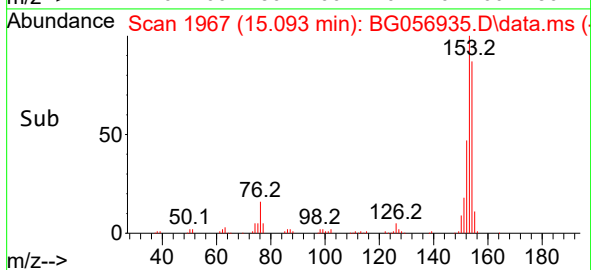
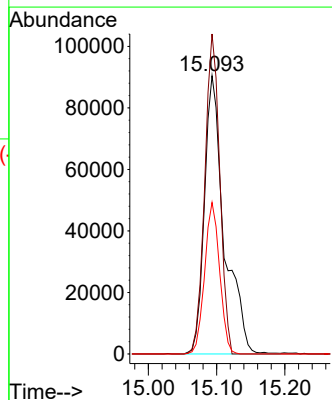
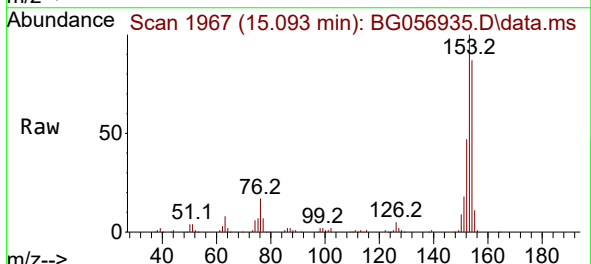
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

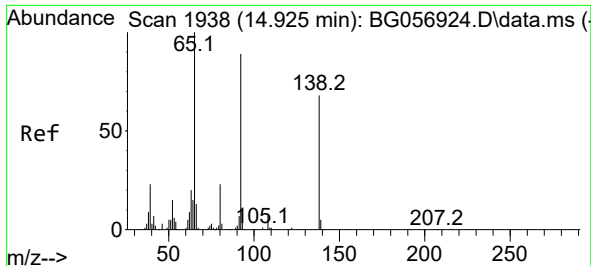
Tgt Ion:165 Resp: 43863
Ion Ratio Lower Upper
165 100
63 67.1 53.0 79.6
89 67.0 51.0 76.4



#52
Acenaphthene
Concen: 56.626 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:154 Resp: 183340
Ion Ratio Lower Upper
154 100
153 115.0 88.9 133.3
152 54.5 41.8 62.8

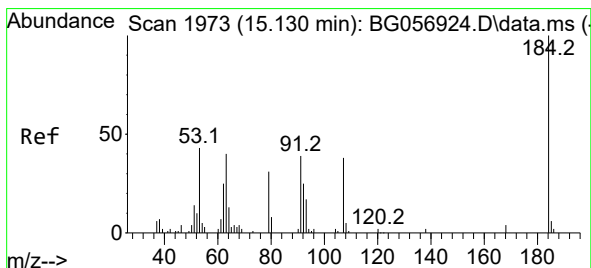
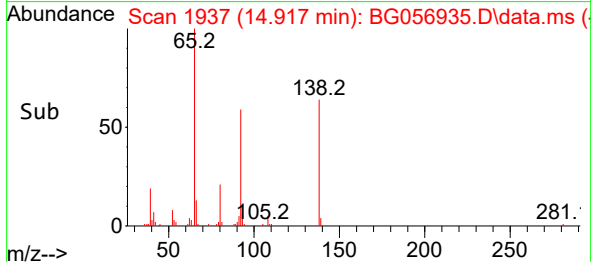
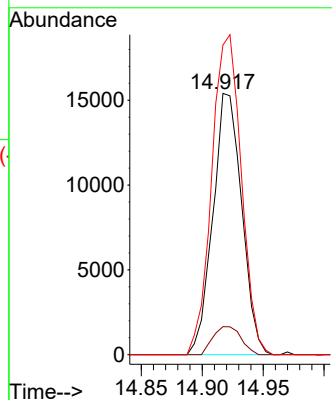
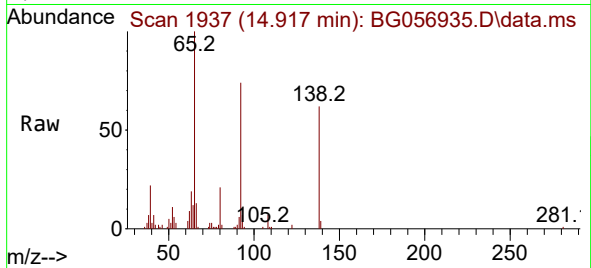




#53
3-Nitroaniline
Concen: 28.506 ng
RT: 14.917 min Scan# 1937
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

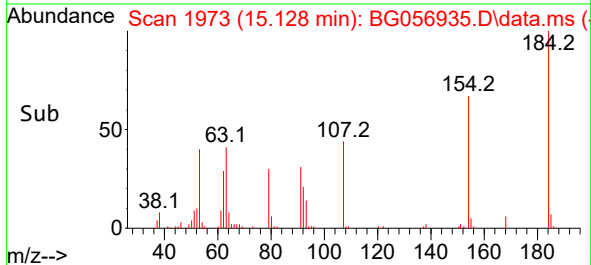
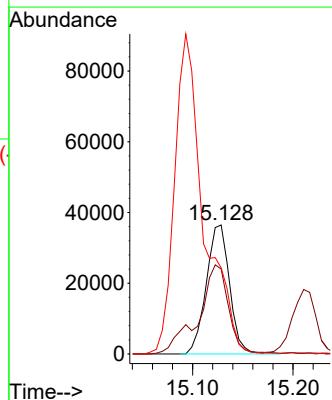
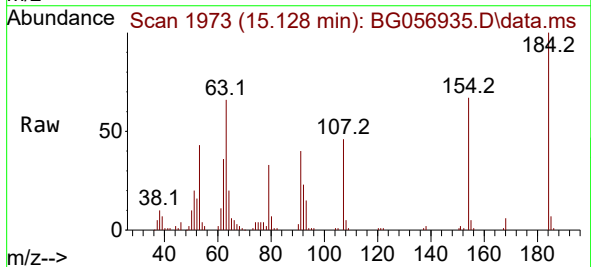
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion:138 Resp: 25350
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 118.5 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 116.642 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:184 Resp: 58986
Ion Ratio Lower Upper
184 100
63 65.9 46.5 69.7
154 66.8 53.5 80.3

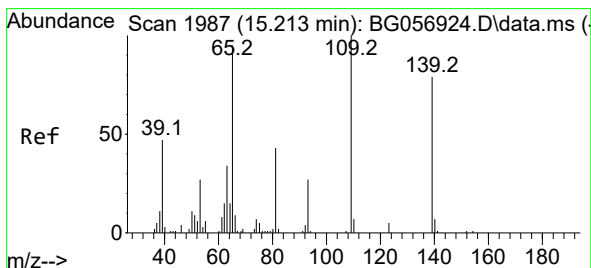
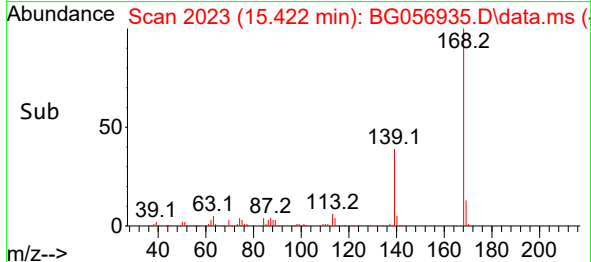
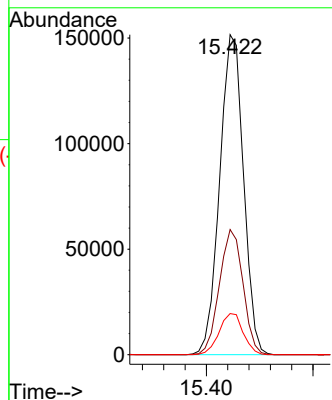
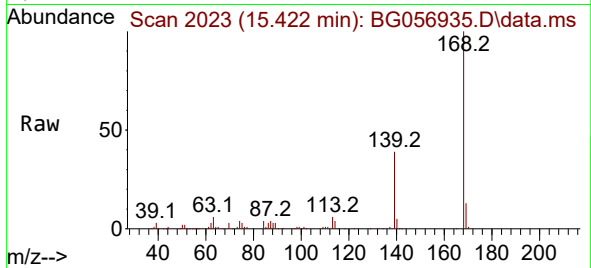




#55
Dibenzofuran
Concen: 48.367 ng
RT: 15.422 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

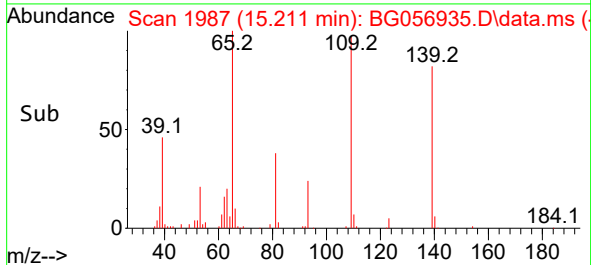
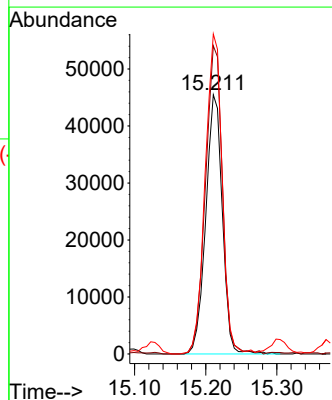
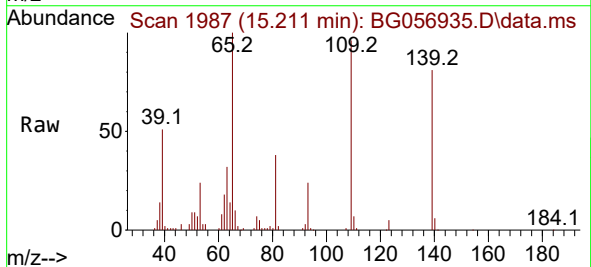
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

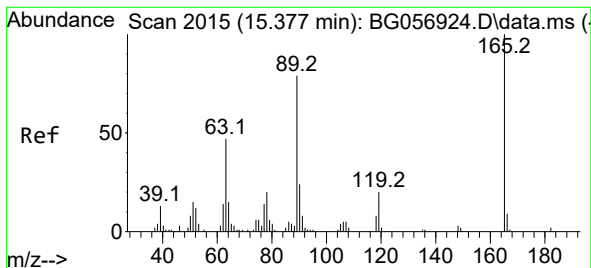
Tgt Ion:168 Resp: 235035
Ion Ratio Lower Upper
168 100
139 39.1 28.9 43.3
169 12.9 9.8 14.6



#56
4-Nitrophenol
Concen: 112.287 ng
RT: 15.211 min Scan# 1987
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:139 Resp: 73840
Ion Ratio Lower Upper
139 100
109 118.9 106.7 146.7
65 123.4 100.5 140.5

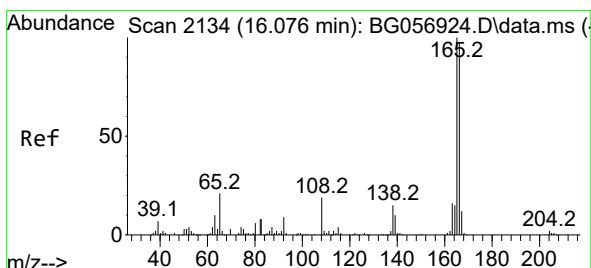
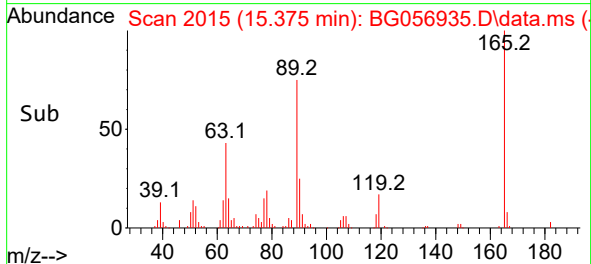
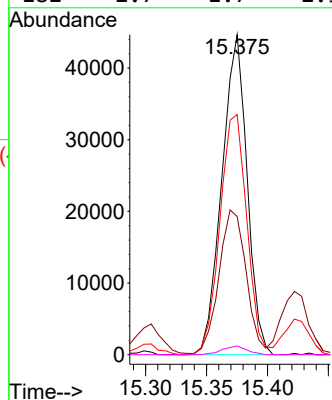
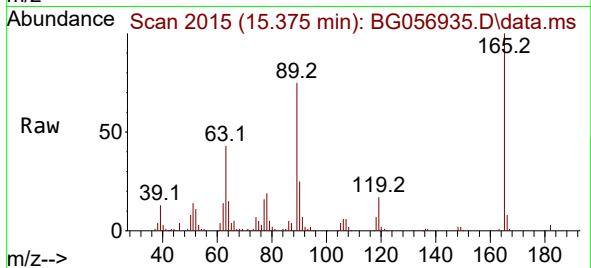




#57
2,4-Dinitrotoluene
Concen: 50.709 ng
RT: 15.375 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

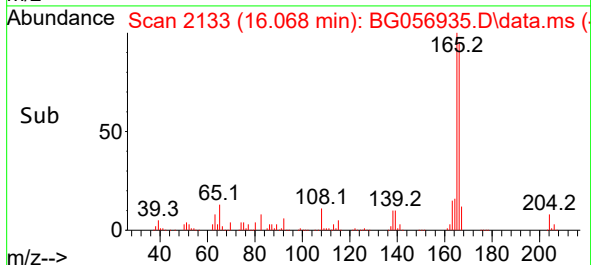
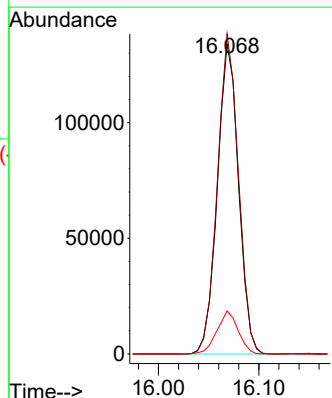
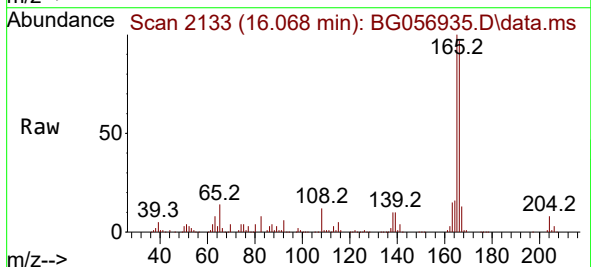
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

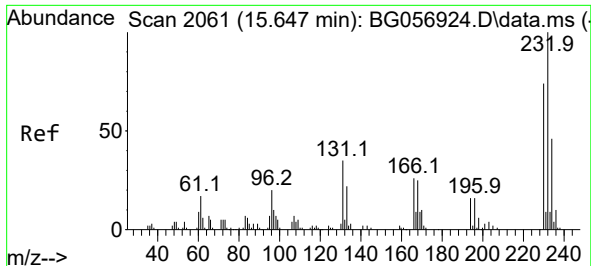
Tgt Ion:165 Resp: 64256
Ion Ratio Lower Upper
165 100
63 43.2 37.7 56.5
89 75.0 63.2 94.8
182 2.7 1.7 2.5#



#58
Fluorene
Concen: 48.711 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:166 Resp: 195874
Ion Ratio Lower Upper
166 100
165 103.2 82.6 123.8
167 13.9 10.2 15.2

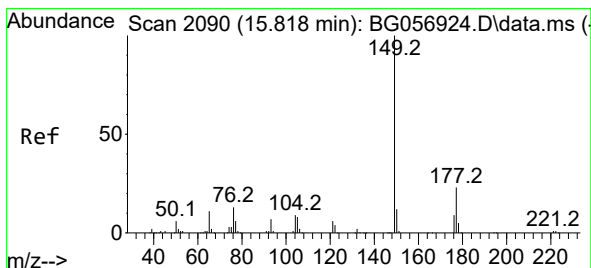
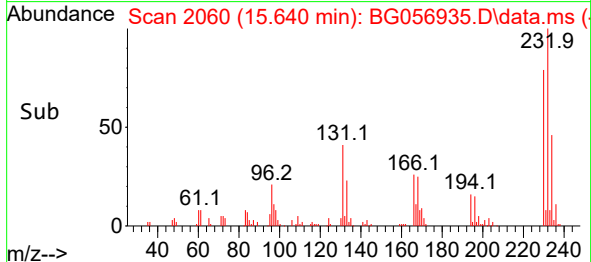
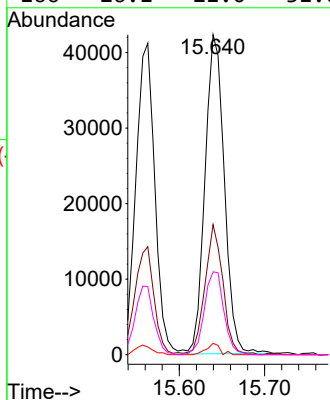
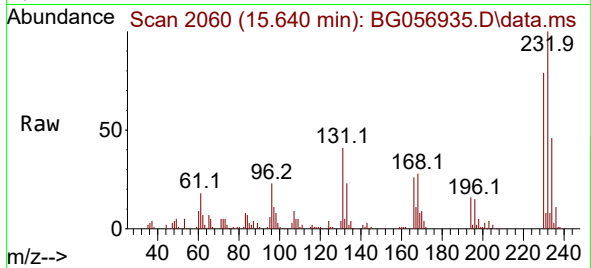




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.945 ng
RT: 15.640 min Scan# 2061
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

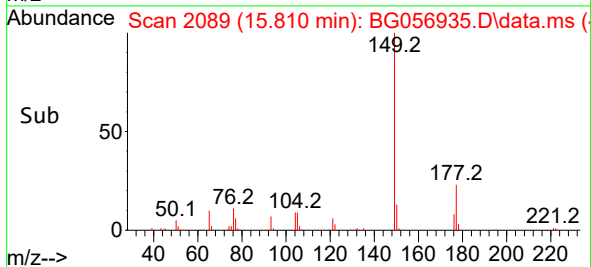
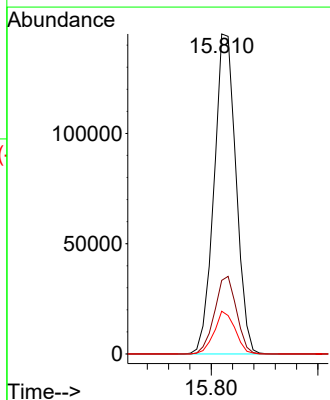
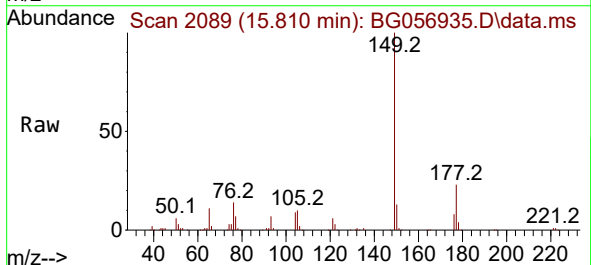
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

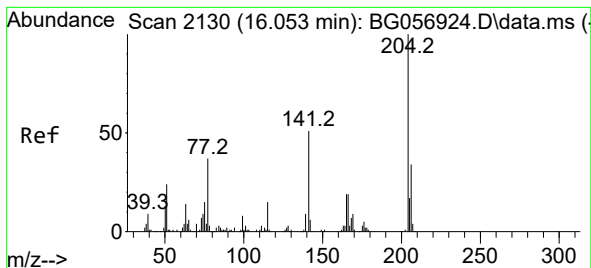
Tgt Ion:232 Resp: 66694
Ion Ratio Lower Upper
232 100
131 37.8 29.3 43.9
130 2.5 1.7 2.5
166 26.1 21.0 31.6



#60
Diethylphthalate
Concen: 49.664 ng
RT: 15.810 min Scan# 2089
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:149 Resp: 207031
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 13.4 9.4 14.2

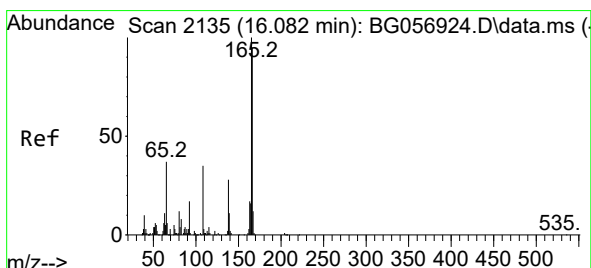
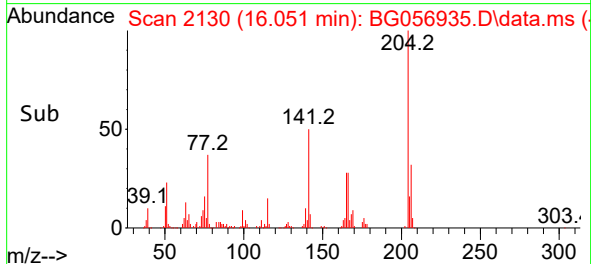
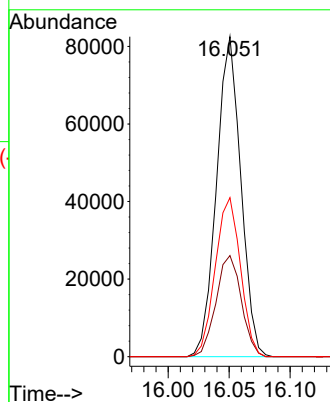
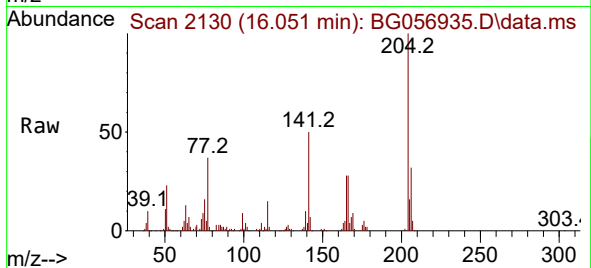




#61
4-Chlorophenyl-phenylether
Concen: 48.484 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

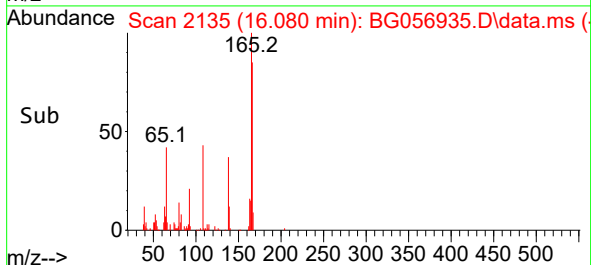
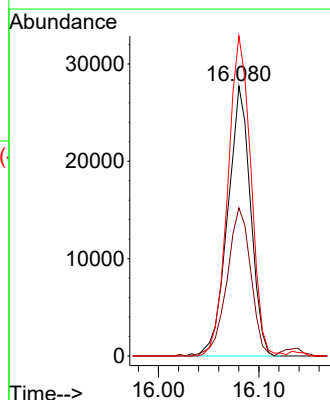
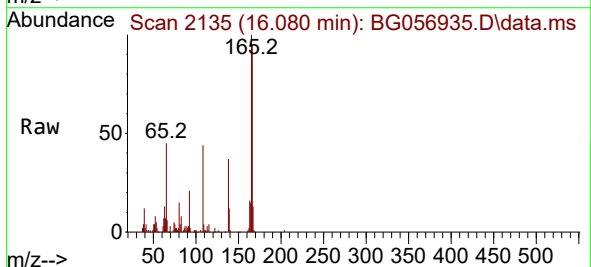
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

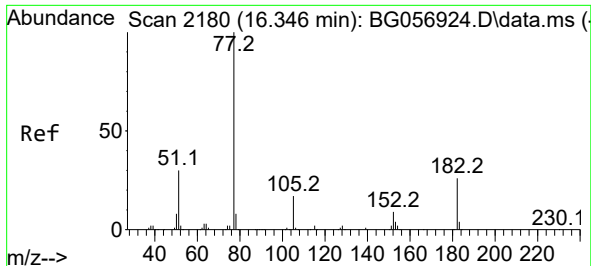
Tgt Ion:204 Resp: 114468
Ion Ratio Lower Upper
204 100
206 31.6 27.2 40.8
141 49.7 40.7 61.1



#62
4-Nitroaniline
Concen: 47.526 ng
RT: 16.080 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:138 Resp: 43789
Ion Ratio Lower Upper
138 100
92 54.9 40.9 80.9
108 118.5 104.3 144.3



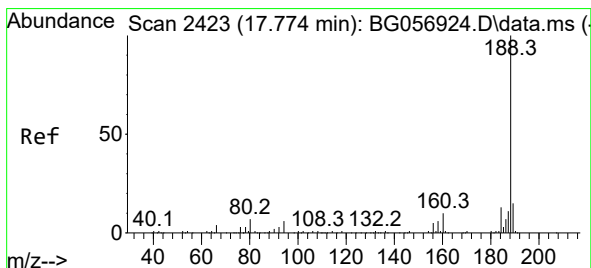
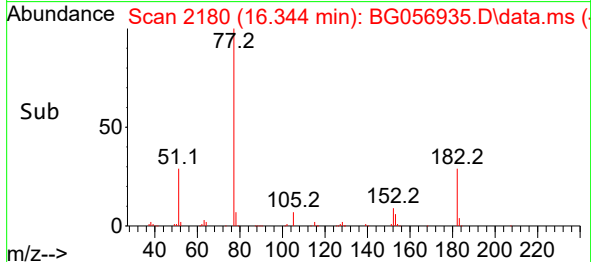
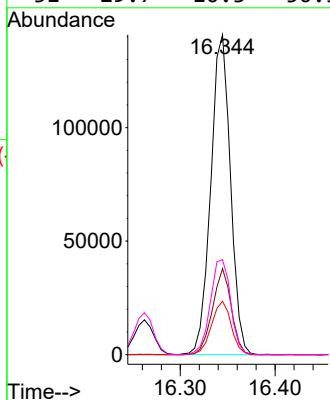
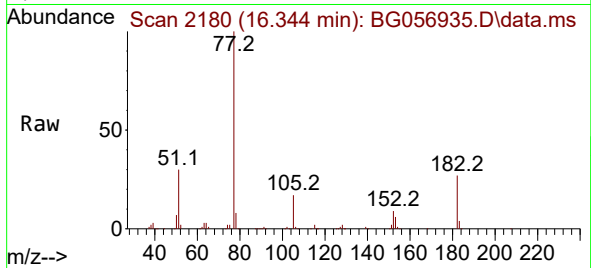


#63
Azobenzene
Concen: 48.954 ng
RT: 16.344 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion: 77 Resp: 203377

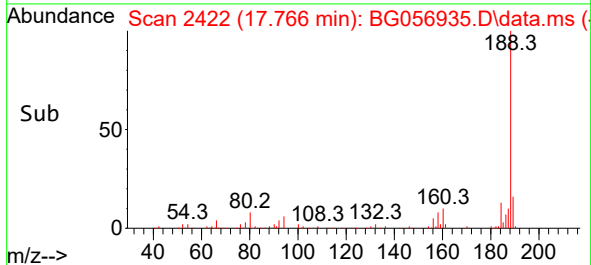
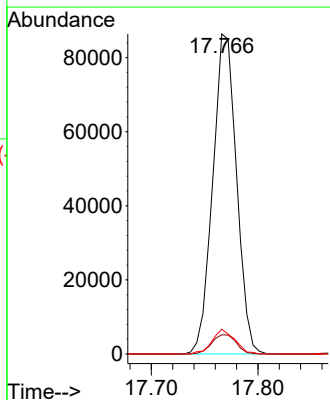
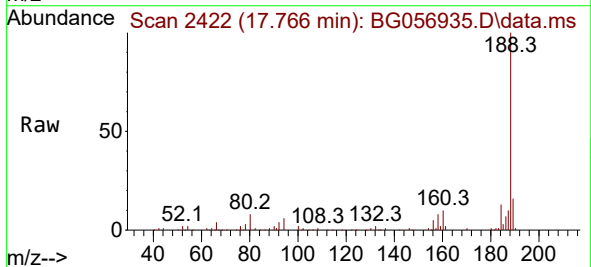
Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.9	45.9
105	16.7	0.0	36.8
51	29.7	10.3	50.3

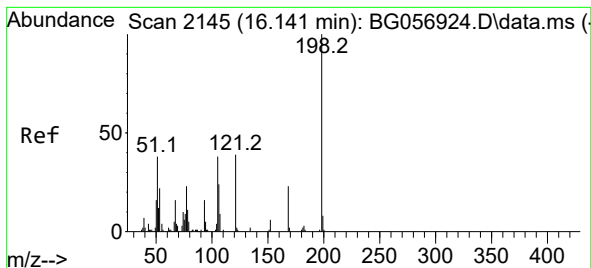


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion: 188 Resp: 133794

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.6	6.8
80	7.7	5.5	8.3

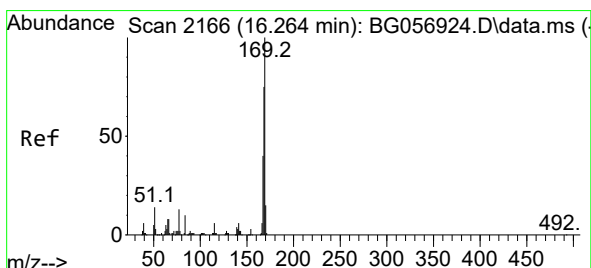
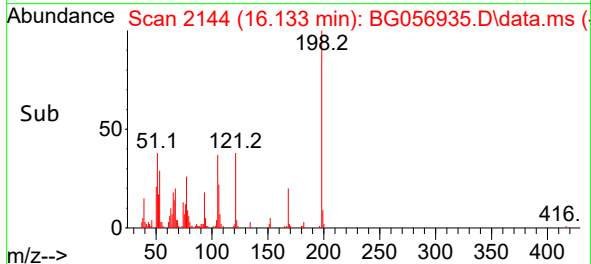
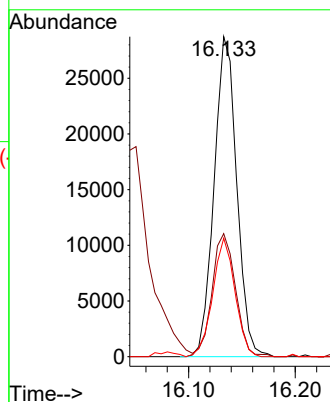
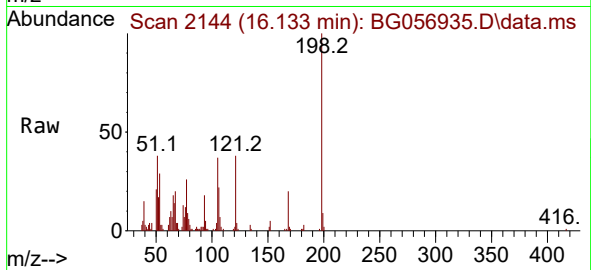




#65
4,6-Dinitro-2-methylphenol
Concen: 52.244 ng
RT: 16.133 min Scan# 2144
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

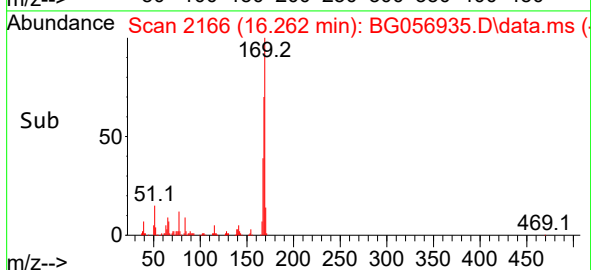
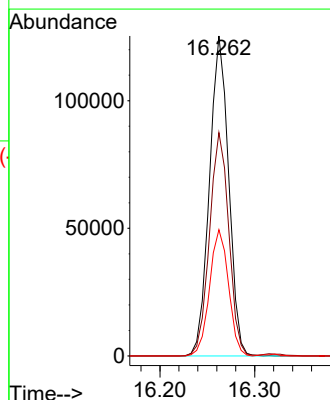
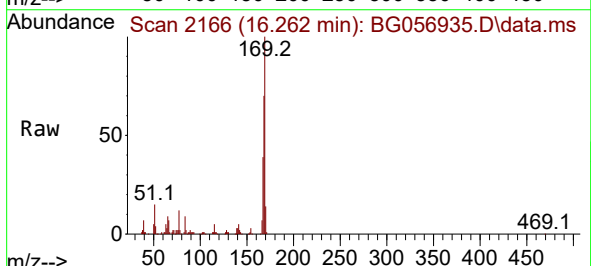
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ClientSampleId :
PB151747BSD

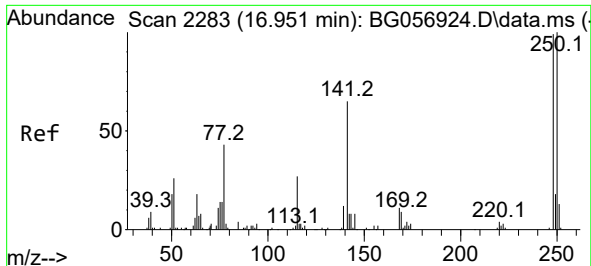
Tgt Ion:198 Resp: 42334
Ion Ratio Lower Upper
198 100
51 38.4 20.5 60.5
105 37.0 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 48.963 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:169 Resp: 175857
Ion Ratio Lower Upper
169 100
168 69.8 59.6 89.4
167 39.5 31.8 47.8

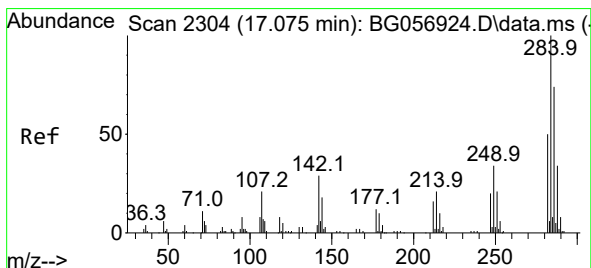
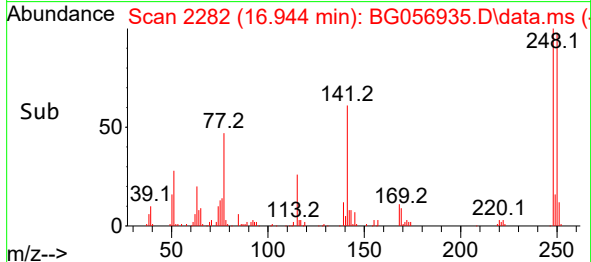
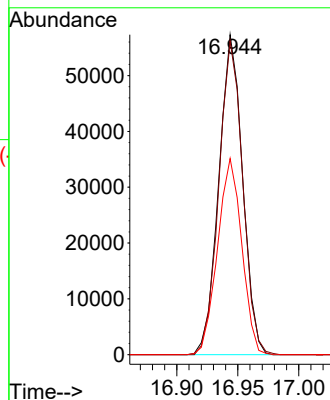
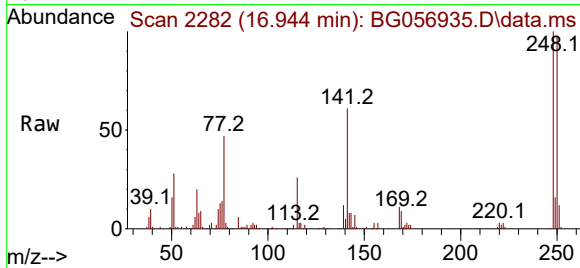




#67
4-Bromophenyl-phenylether
Concen: 46.968 ng
RT: 16.944 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

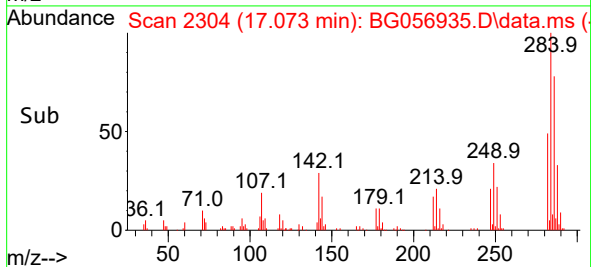
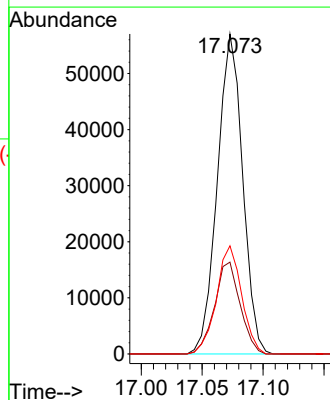
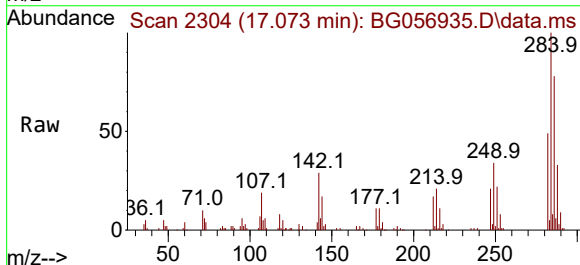
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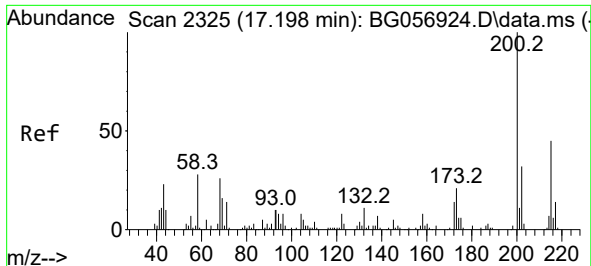
Tgt Ion:248 Resp: 77754
Ion Ratio Lower Upper
248 100
250 98.0 80.5 120.7
141 61.3 52.0 78.0



#68
Hexachlorobenzene
Concen: 50.313 ng
RT: 17.073 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:284 Resp: 82347
Ion Ratio Lower Upper
284 100
142 28.7 23.0 34.4
249 33.8 27.1 40.7

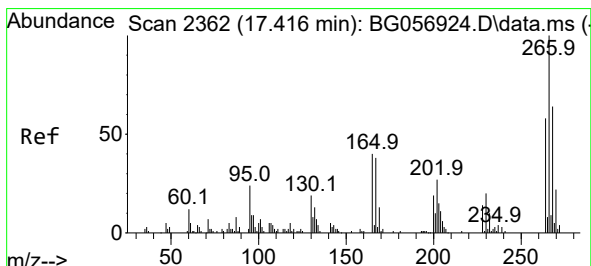
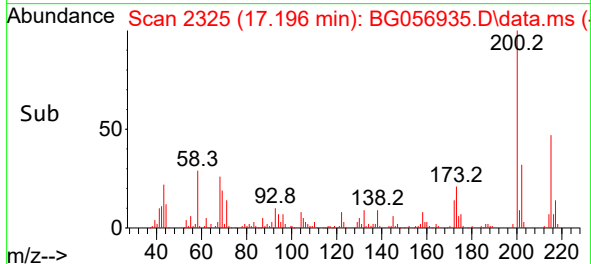
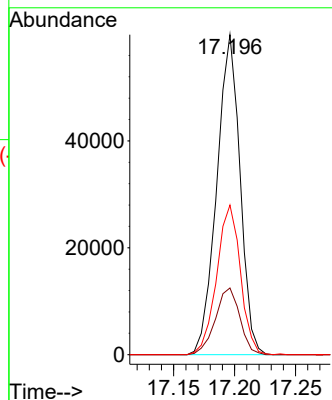
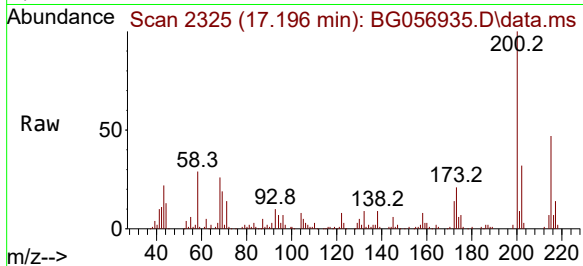




#69
 Atrazine
 Concen: 53.380 ng
 RT: 17.196 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

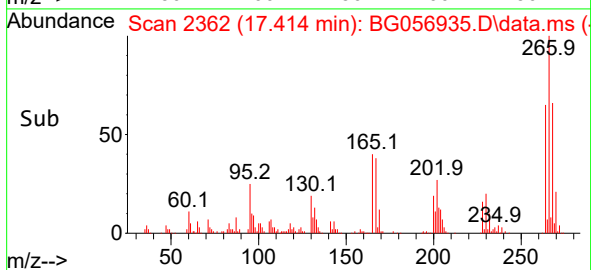
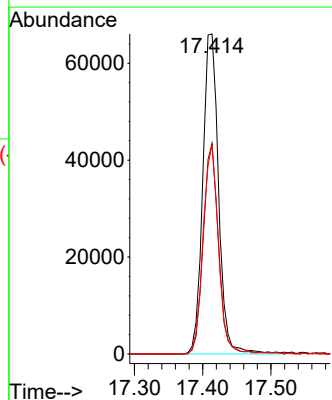
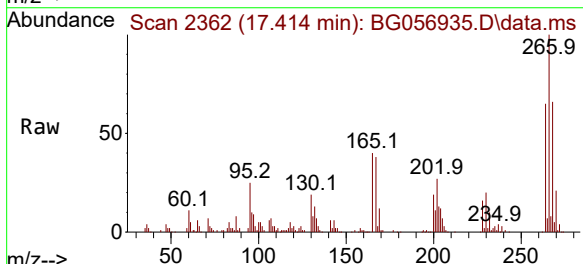
Instrument :
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 ClientSampleId :
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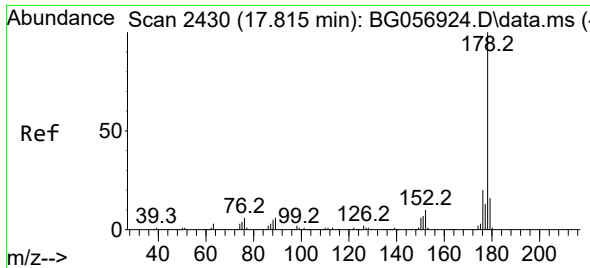
Tgt Ion:200 Resp: 79583
 Ion Ratio Lower Upper
 200 100
 173 20.8 1.0 41.0
 215 46.7 25.0 65.0



#70
 Pentachlorophenol
 Concen: 90.974 ng
 RT: 17.414 min Scan# 2362
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

Tgt Ion:266 Resp: 106820
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.0 76.6
 264 65.3 46.8 70.2

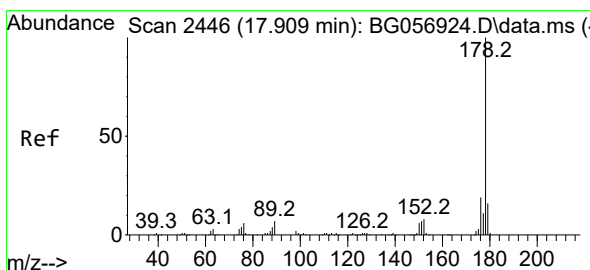
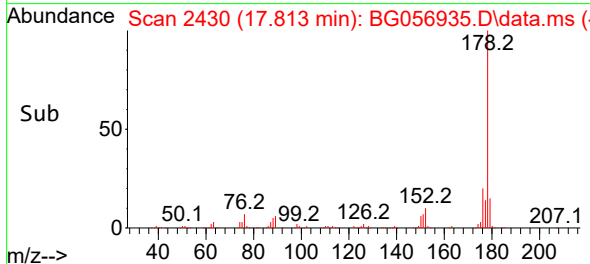
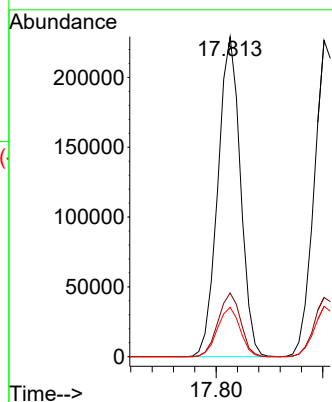
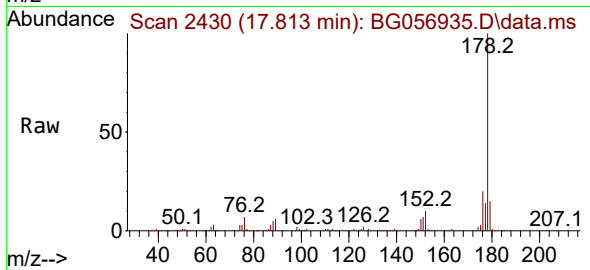




#71
Phenanthrene
Concen: 49.220 ng
RT: 17.813 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

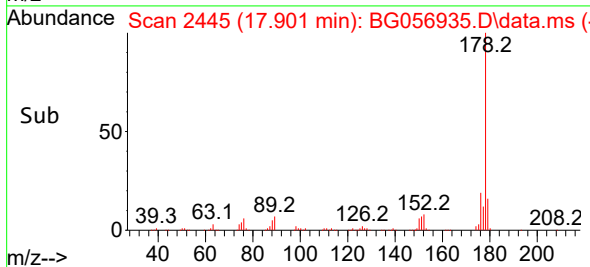
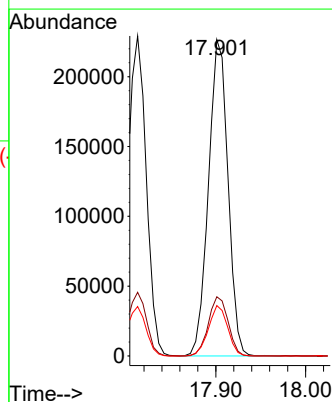
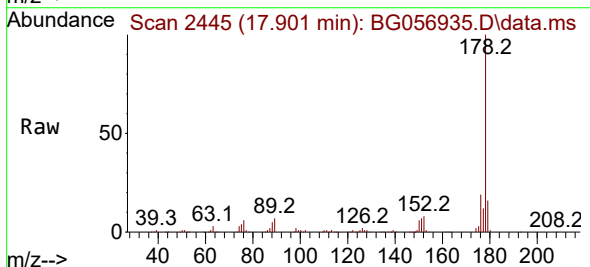
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

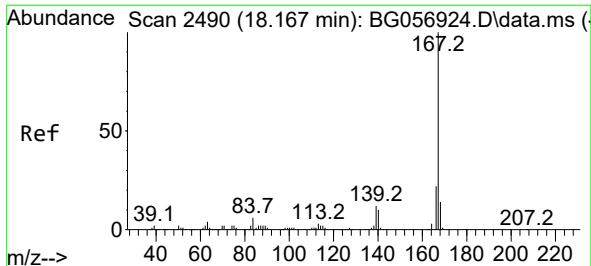
Tgt Ion:178 Resp: 335748
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.5 12.5 18.7



#72
Anthracene
Concen: 48.891 ng
RT: 17.901 min Scan# 2445
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:178 Resp: 341889
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.9 12.4 18.6

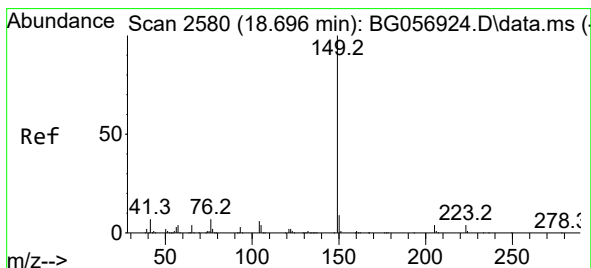
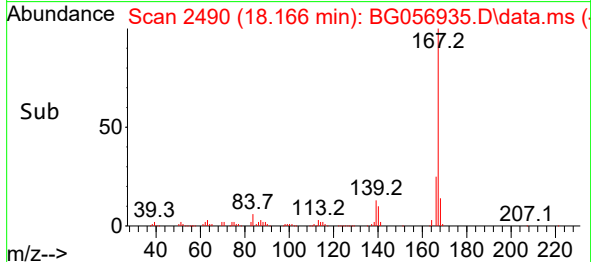
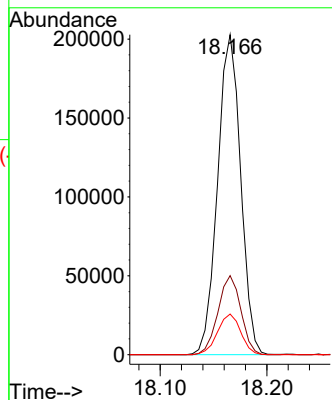
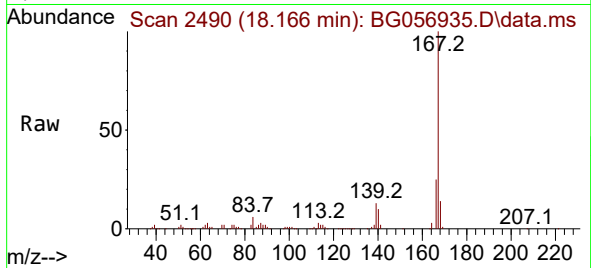




#73
 Carbazole
 Concen: 49.907 ng
 RT: 18.166 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

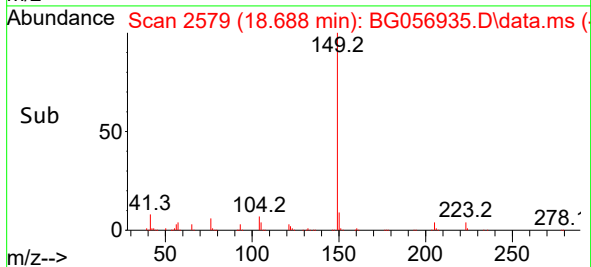
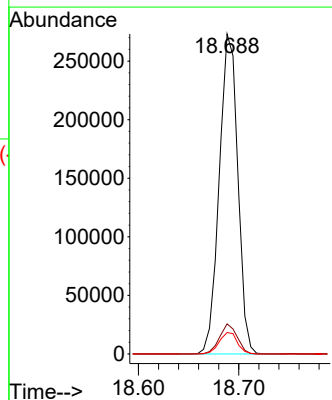
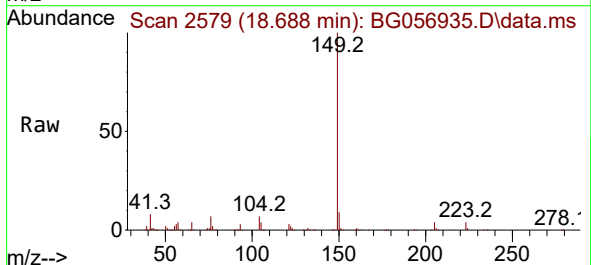
Instrument :
 BNA_G
 ClientSampleId :
 PB151747BSD

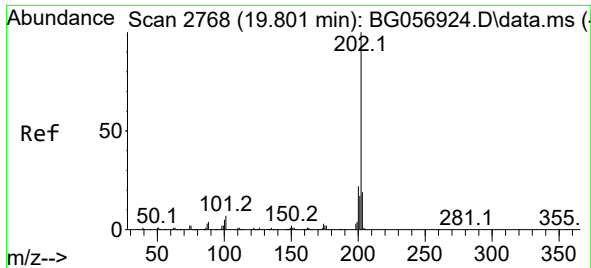
Tgt Ion:167 Resp: 304278
 Ion Ratio Lower Upper
 167 100
 166 24.7 17.9 26.9
 139 12.7 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 49.592 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.008 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

Tgt Ion:149 Resp: 350126
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 6.7 4.9 7.3

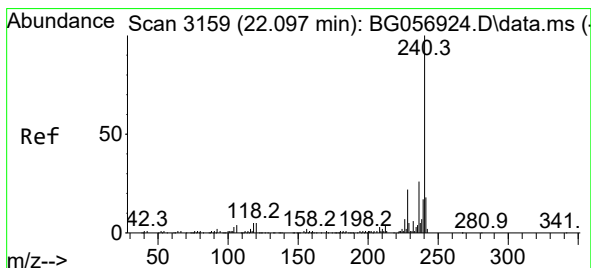
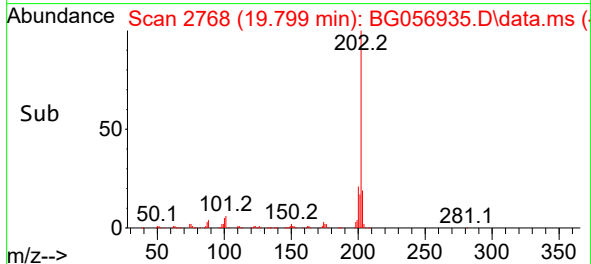
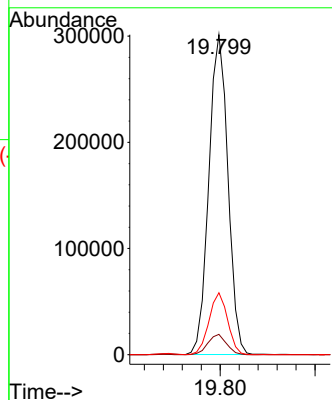
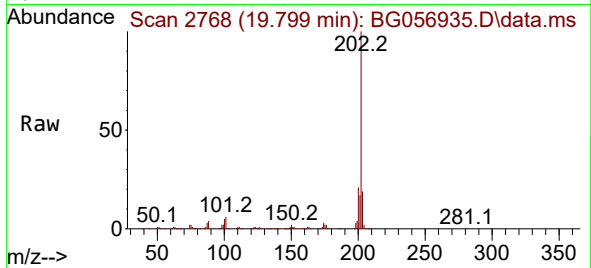




#75
 Fluoranthene
 Concen: 48.707 ng
 RT: 19.799 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

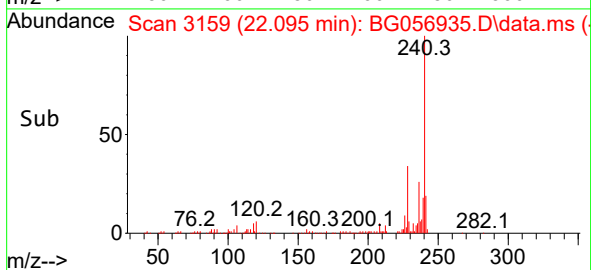
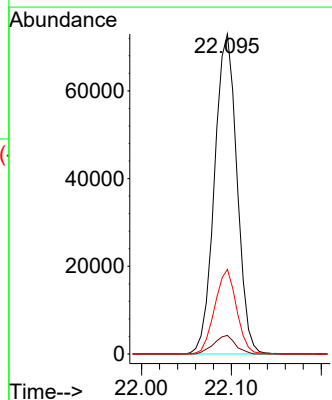
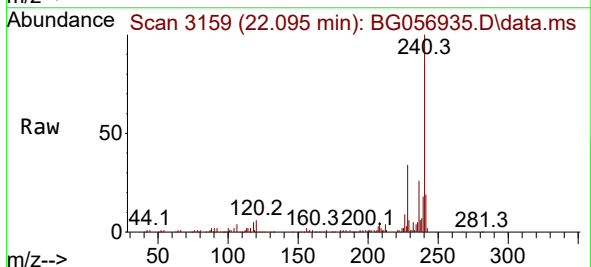
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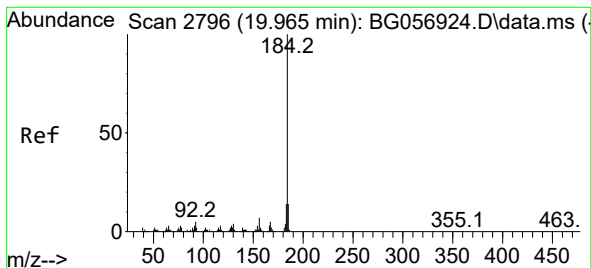
Tgt Ion:202 Resp: 421181
 Ion Ratio Lower Upper
 202 100
 101 6.4 0.0 26.7
 203 19.3 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.095 min Scan# 3159
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

Tgt Ion:240 Resp: 126452
 Ion Ratio Lower Upper
 240 100
 120 5.8 3.8 5.6#
 236 26.4 21.0 31.6





#77

Benzidine

Concen: 44.863 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

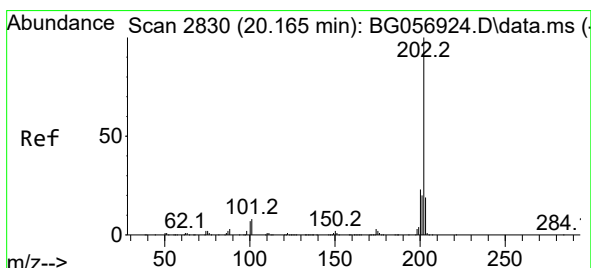
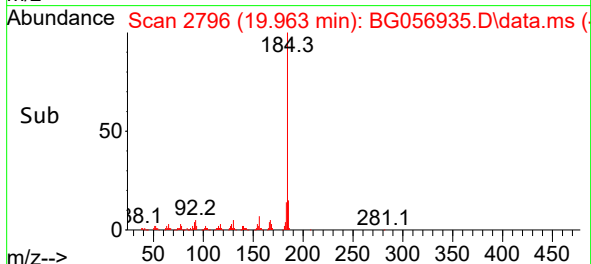
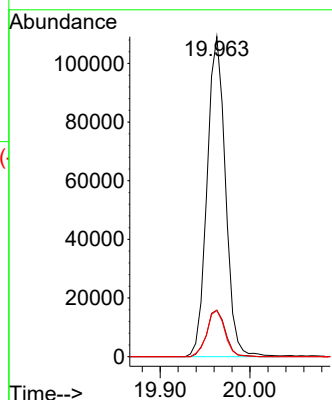
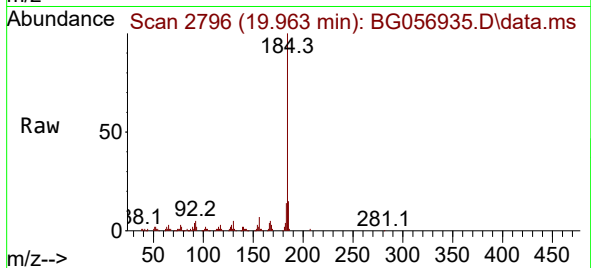
Tgt Ion:184 Resp: 155063

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

183 14.5 11.4 17.0



#78

Pyrene

Concen: 48.980 ng

RT: 20.157 min Scan# 2829

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

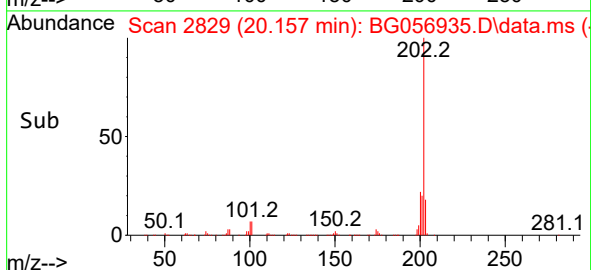
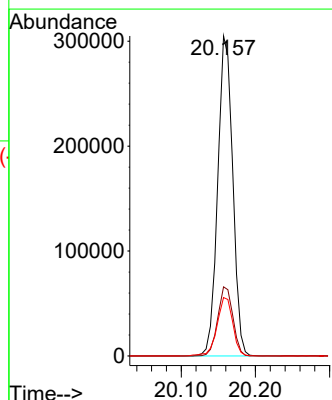
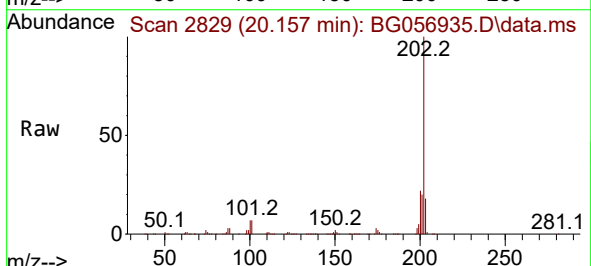
Tgt Ion:202 Resp: 428378

Ion Ratio Lower Upper

202 100

200 21.6 18.7 28.1

203 18.2 15.4 23.2

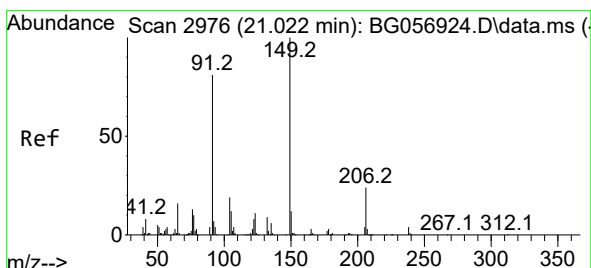
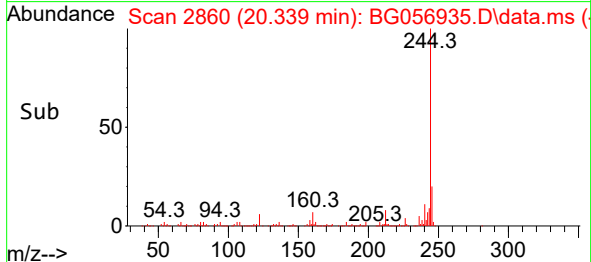
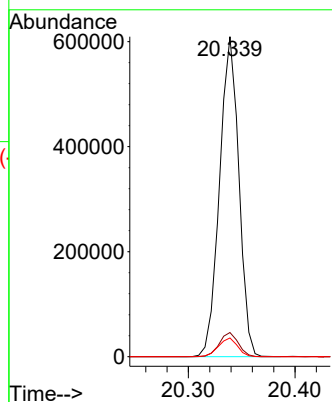
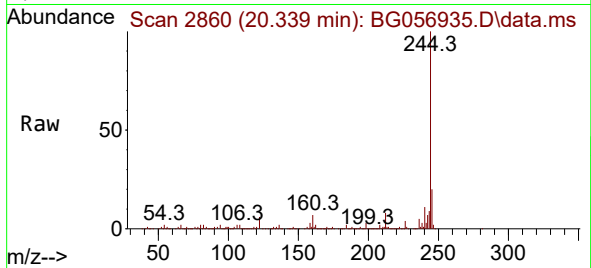




#79
 Terphenyl-d14
 Concen: 102.352 ng
 RT: 20.339 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

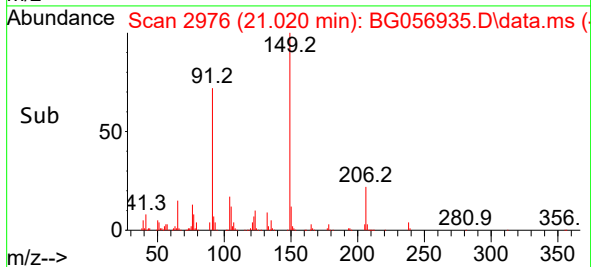
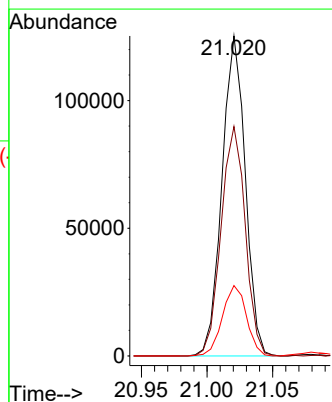
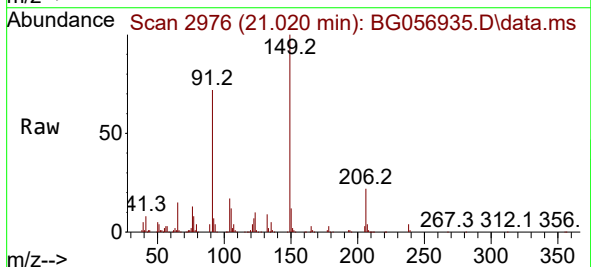
Instrument :
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 ClientSampleId :
 PB151747BSD

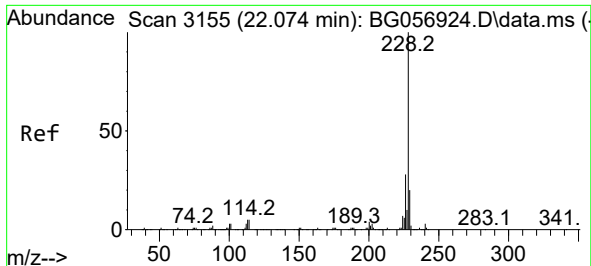
Tgt Ion:244 Resp: 764856
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.9 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 51.301 ng
 RT: 21.020 min Scan# 2976
 Delta R.T. -0.002 min
 Lab File: BG056935.D
 Acq: 30 Mar 2023 22:57

Tgt Ion:149 Resp: 154398
 Ion Ratio Lower Upper
 149 100
 91 71.7 64.4 96.6
 206 22.0 18.9 28.3

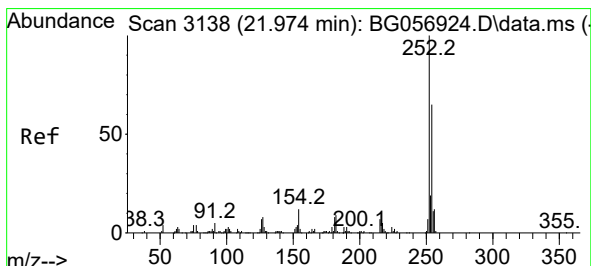
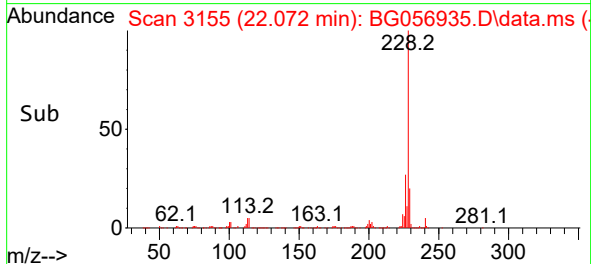
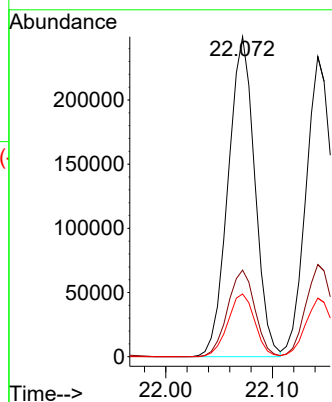
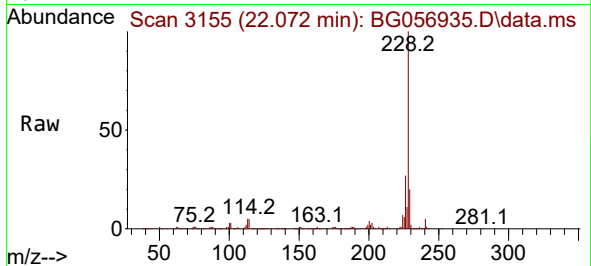




#81
Benzo(a)anthracene
Concen: 49.524 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

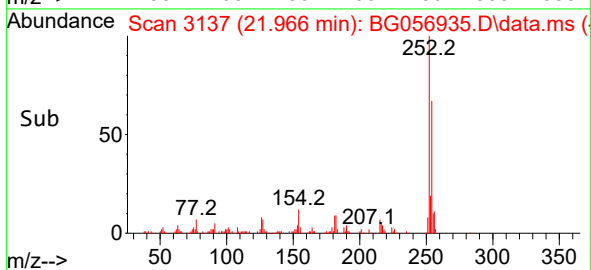
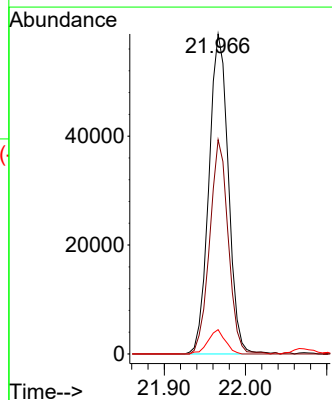
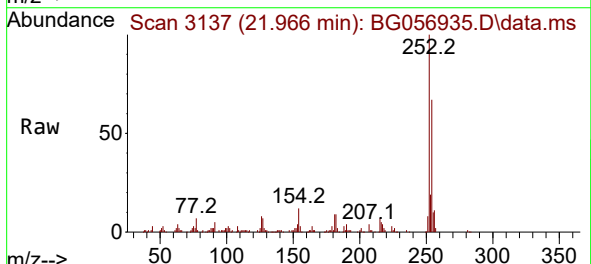
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

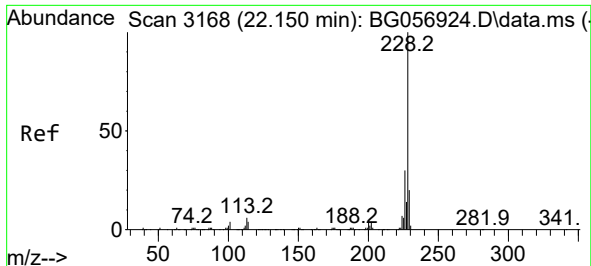
Tgt Ion:228 Resp: 433353
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 32.986 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:252 Resp: 97468
Ion Ratio Lower Upper
252 100
254 66.9 51.7 77.5
126 7.6 5.6 8.4





#83

Chrysene

Concen: 48.252 ng

RT: 22.142 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

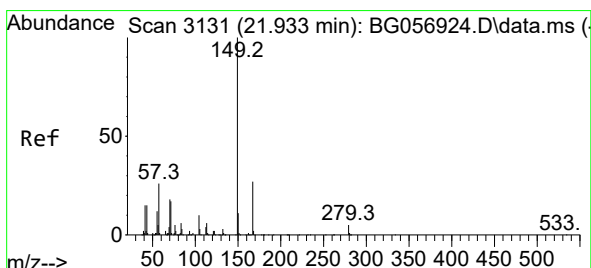
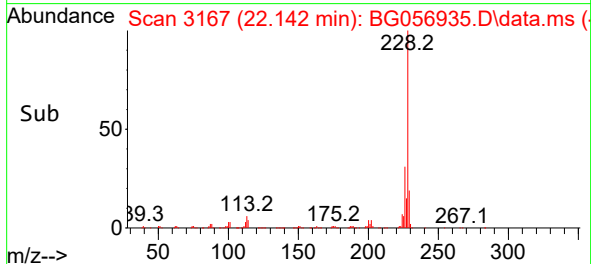
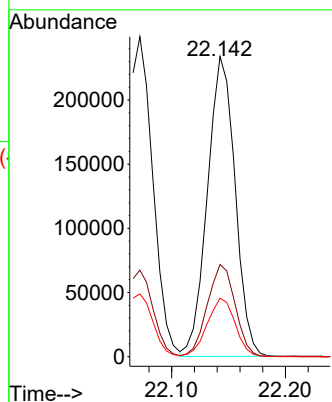
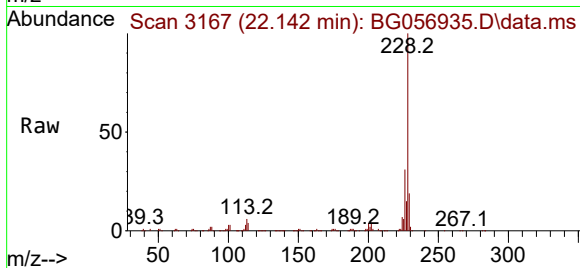
Tgt Ion:228 Resp: 395335

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.623 ng

RT: 21.925 min Scan# 3130

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

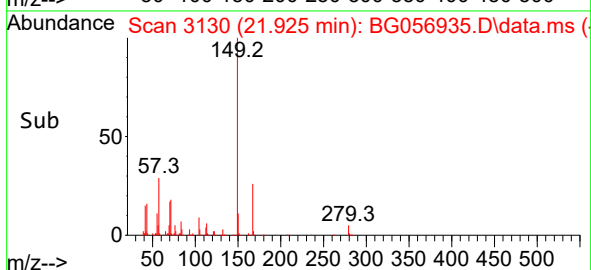
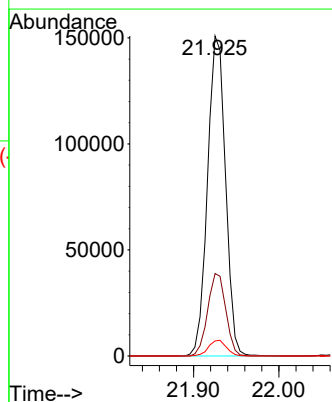
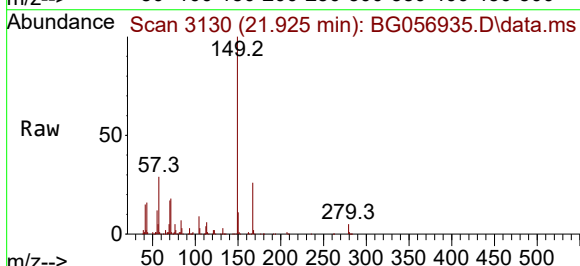
Tgt Ion:149 Resp: 220621

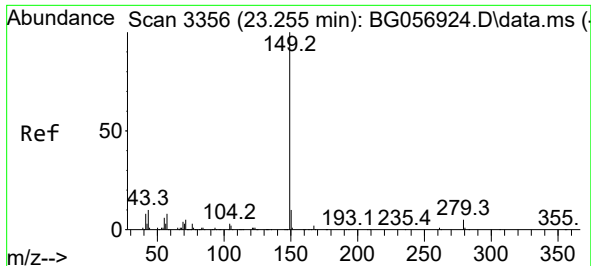
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.2

279 4.7 3.9 5.9

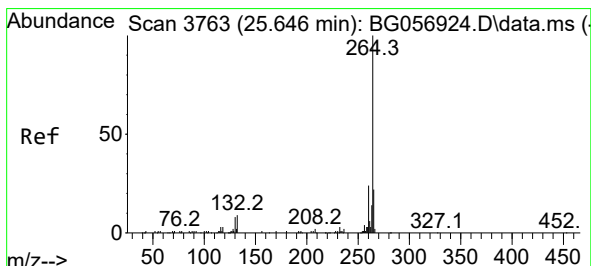
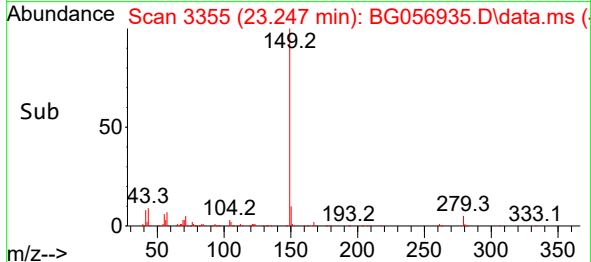
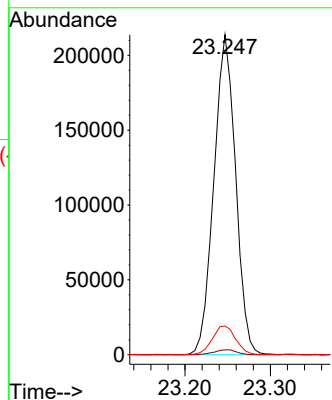
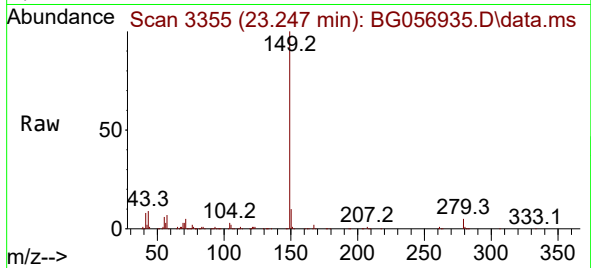




#85
Di-n-octyl phthalate
Concen: 51.458 ng
RT: 23.247 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

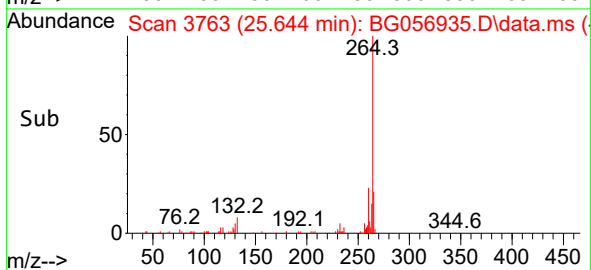
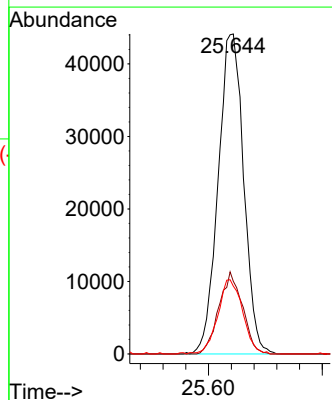
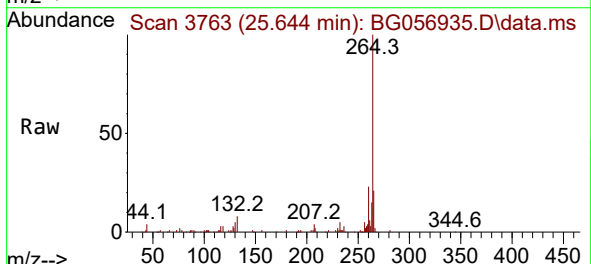
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

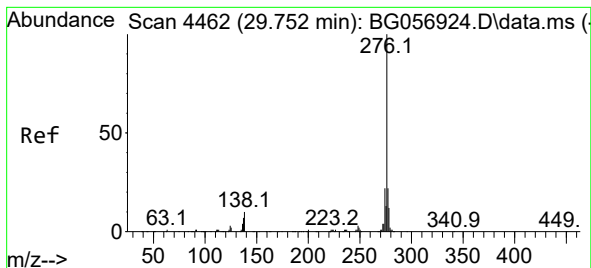
Tgt Ion:149 Resp: 377920
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.644 min Scan# 3763
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:264 Resp: 137378
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 21.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.600 ng

RT: 29.744 min Scan# 4461

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

Instrument :

BNA_G

ClientSampleId :

PB151747BSD

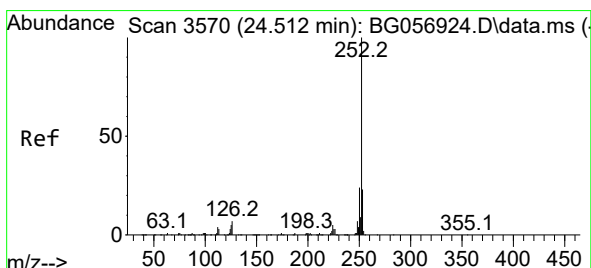
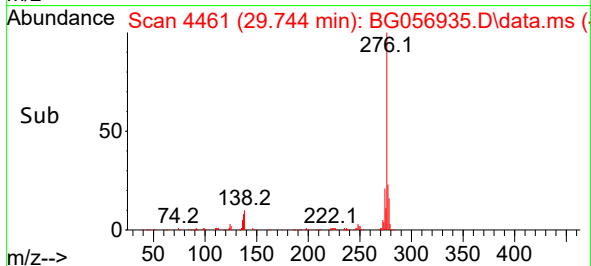
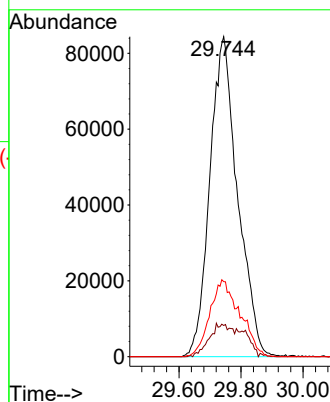
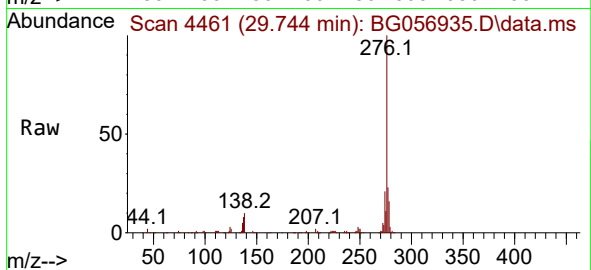
Tgt Ion:276 Resp: 523893

Ion Ratio Lower Upper

276 100

138 0.0 7.7 11.5#

277 26.1 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 52.777 ng

RT: 24.504 min Scan# 3569

Delta R.T. -0.008 min

Lab File: BG056935.D

Acq: 30 Mar 2023 22:57

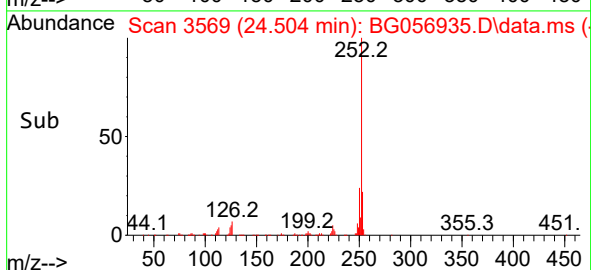
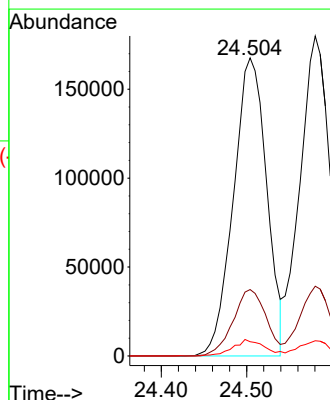
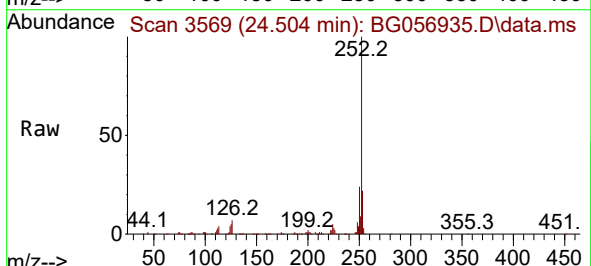
Tgt Ion:252 Resp: 453391

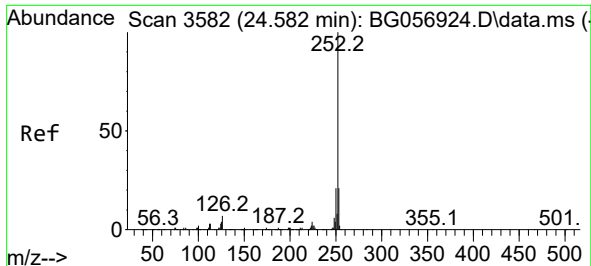
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 4.8 4.2 6.4

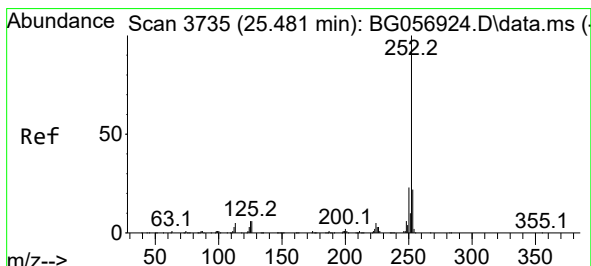
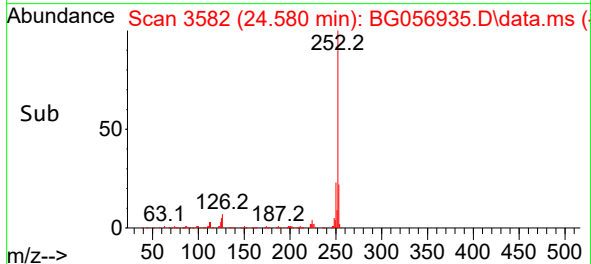
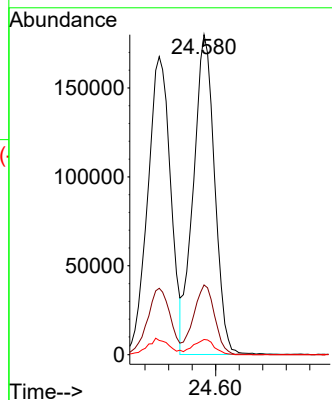
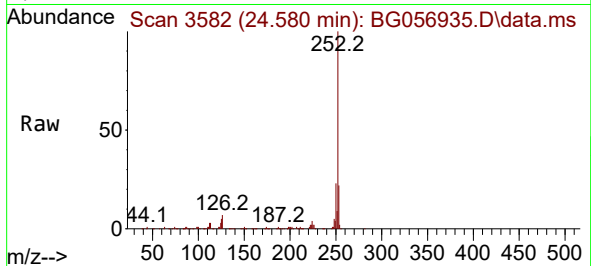




#89
Benzo(k)fluoranthene
Concen: 52.420 ng
RT: 24.580 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

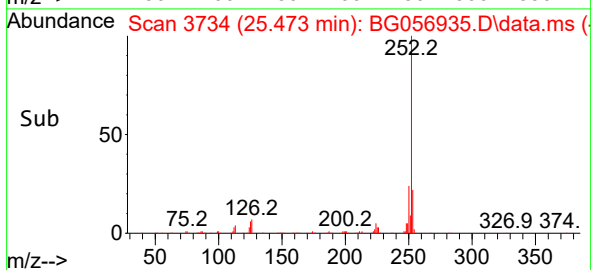
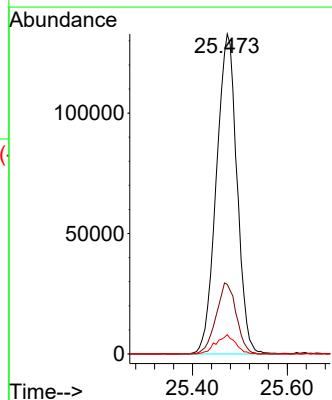
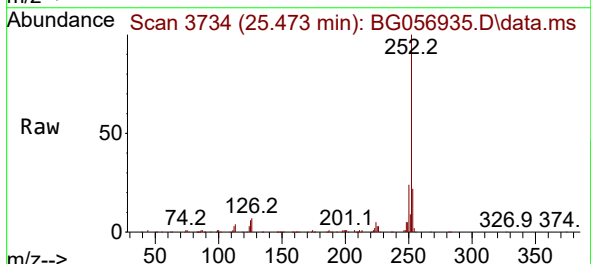
Instrument :
BNA_G
ClientSampleId :
PB151747BSD

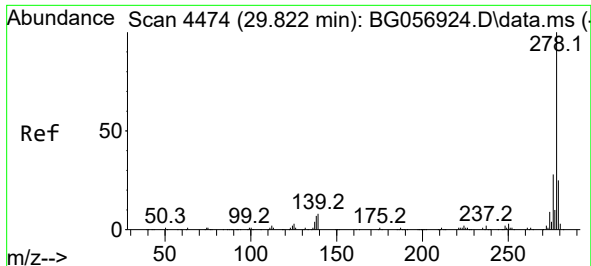
Tgt Ion:252 Resp: 449567
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 4.8 3.8 5.6



#90
Benzo(a)pyrene
Concen: 47.331 ng
RT: 25.473 min Scan# 3734
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:252 Resp: 399551
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 6.0 4.5 6.7

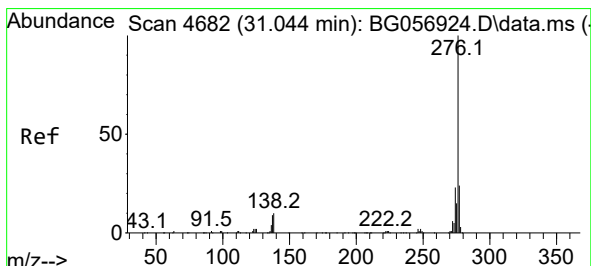
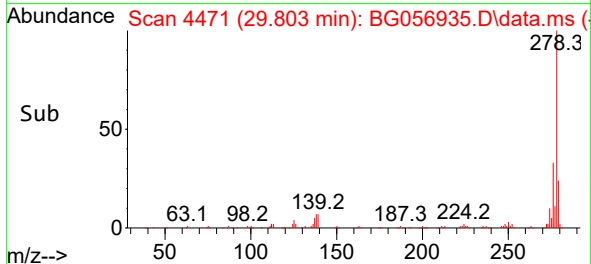
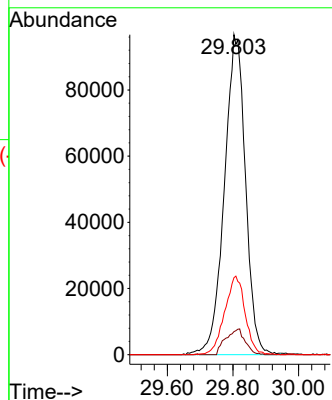
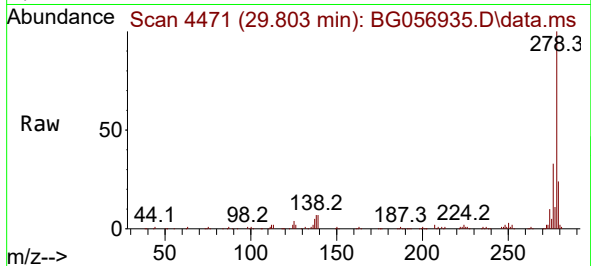




#91
Dibenzo(a,h)anthracene
Concen: 51.802 ng
RT: 29.803 min Scan# 4471
Delta R.T. -0.020 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Instrument :
BNA_G
ClientSampleId :
PB151747BSD

Tgt Ion:278 Resp: 432317
Ion Ratio Lower Upper
278 100
139 7.2 6.4 9.6
279 24.1 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 51.238 ng
RT: 31.036 min Scan# 4681
Delta R.T. -0.008 min
Lab File: BG056935.D
Acq: 30 Mar 2023 22:57

Tgt Ion:276 Resp: 418709
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 9.8 8.2 12.2

