

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056934.D
 Acq On : 30 Mar 2023 22:16
 Operator : CG/JU
 Sample : PB151747BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151747BS

Quant Time: Mar 31 04:06:13 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	8.413	152	15999	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	66812	20.000	ng	0.00
39) Acenaphthene-d10	15.027	164	52295	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	131095	20.000	ng	0.00
76) Chrysene-d12	22.094	240	129747	20.000	ng	0.00
86) Perylene-d12	25.642	264	141097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	168281	168.339	ng	0.00
7) Phenol-d6	7.543	99	245053	163.903	ng	0.00
23) Nitrobenzene-d5	9.594	82	151962	93.066	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	127675	152.826	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	363848	94.346	ng	0.00
79) Terphenyl-d14	20.338	244	760501	99.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.719	88	16606	37.894	ng	99
3) Pyridine	4.142	79	49222	34.874	ng	100
4) n-Nitrosodimethylamine	4.048	42	31136	47.981	ng	97
6) Aniline	7.720	93	68116	35.638	ng	99
8) 2-Chlorophenol	7.972	128	54909	55.145	ng	93
9) Benzaldehyde	7.532	77	43654	46.551	ng	91
10) Phenol	7.573	94	84727	57.191	ng	98
11) bis(2-Chloroethyl)ether	7.814	93	50560	47.911	ng	98
12) 1,3-Dichlorobenzene	8.301	146	56314	51.185	ng	97
13) 1,4-Dichlorobenzene	8.448	146	57128	51.447	ng	97
14) 1,2-Dichlorobenzene	8.777	146	54918	51.191	ng	91
15) Benzyl Alcohol	8.642	79	65963	53.097	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.930	45	62311	48.995	ng	97
17) 2-Methylphenol	8.842	107	55001	52.038	ng	98
18) Hexachloroethane	9.517	117	20648	50.875	ng	94
19) n-Nitroso-di-n-propyla...	9.218	70	50905	47.601	ng	98
20) 3+4-Methylphenols	9.171	107	75109	50.820	ng	96
22) Acetophenone	9.241	105	94296	47.431	ng	# 97
24) Nitrobenzene	9.635	77	79065	47.361	ng	100
25) Isophorone	10.152	82	138727	44.616	ng	99
26) 2-Nitrophenol	10.351	139	31989	49.644	ng	96
27) 2,4-Dimethylphenol	10.393	122	58653	51.554	ng	95
28) bis(2-Chloroethoxy)met...	10.633	93	71421	45.881	ng	95
29) 2,4-Dichlorophenol	10.892	162	61359	50.149	ng	99
30) 1,2,4-Trichlorobenzene	11.109	180	63417	48.781	ng	97
31) Naphthalene	11.309	128	171114	46.987	ng	99
32) Benzoic acid	10.516	122	42125	53.903	ng	94
33) 4-Chloroaniline	11.403	127	33256	20.219	ng	97
34) Hexachlorobutadiene	11.579	225	44912	45.990	ng	97
35) Caprolactam	12.161	113	11427	27.081	ng	99
36) 4-Chloro-3-methylphenol	12.490	107	67846	49.584	ng	94
37) 2-Methylnaphthalene	12.883	142	129736	44.887	ng	99
38) 1-Methylnaphthalene	13.101	142	120969	44.573	ng	99
40) 1,2,4,5-Tetrachloroben...	13.242	216	87604	48.308	ng	98
41) Hexachlorocyclopentadiene	13.218	237	123873	123.977	ng	93
43) 2,4,6-Trichlorophenol	13.471	196	59092	51.064	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056934.D
 Acq On : 30 Mar 2023 22:16
 Operator : CG/JU
 Sample : PB151747BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151747BS

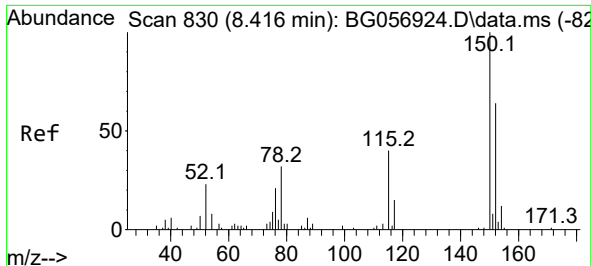
Quant Time: Mar 31 04:06:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	64568	47.098	ng	95
46) 1,1'-Biphenyl	13.864	154	187636	49.015	ng	97
47) 2-Chloronaphthalene	13.917	162	140605	49.661	ng	98
48) 2-Nitroaniline	14.111	65	49231	48.629	ng	98
49) Acenaphthylene	14.757	152	224664	48.296	ng	98
50) Dimethylphthalate	14.464	163	198703	48.223	ng	99
51) 2,6-Dinitrotoluene	14.587	165	44513	50.000	ng	95
52) Acenaphthene	15.092	154	178190	55.541	ng	92
53) 3-Nitroaniline	14.922	138	25063	28.442	ng	98
54) 2,4-Dinitrophenol	15.127	184	57986	115.717	ng	89
55) Dibenzofuran	15.421	168	230081	47.782	ng	98
56) 4-Nitrophenol	15.215	139	72782	111.694	ng	98
57) 2,4-Dinitrotoluene	15.374	165	62286	49.605	ng	98
58) Fluorene	16.067	166	190594	47.833	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.644	232	65058	52.121	ng	# 99
60) Diethylphthalate	15.815	149	206357	49.956	ng	99
61) 4-Chlorophenyl-phenyle...	16.050	204	114218	48.823	ng	97
62) 4-Nitroaniline	16.085	138	43927	48.113	ng	96
63) Azobenzene	16.343	77	201314	48.902	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	42858	53.980	ng	93
66) n-Nitrosodiphenylamine	16.261	169	171923	48.854	ng	97
67) 4-Bromophenyl-phenylether	16.942	248	76560	47.199	ng	98
68) Hexachlorobenzene	17.072	284	81422	50.773	ng	98
69) Atrazine	17.195	200	77657	53.160	ng	95
70) Pentachlorophenol	17.412	266	107302	93.266	ng	97
71) Phenanthrene	17.812	178	334979	50.118	ng	98
72) Anthracene	17.900	178	338442	49.394	ng	99
73) Carbazole	18.164	167	302474	50.633	ng	98
74) Di-n-butylphthalate	18.687	149	352414	50.944	ng	99
75) Fluoranthene	19.797	202	422762	49.896	ng	99
77) Benzidine	19.962	184	153988	43.421	ng	98
78) Pyrene	20.162	202	431243	48.055	ng	99
80) Butylbenzylphthalate	21.019	149	153355	49.660	ng	98
81) Benzo(a)anthracene	22.071	228	434599	48.405	ng	99
82) 3,3'-Dichlorobenzidine	21.965	252	96691	31.892	ng	# 97
83) Chrysene	22.147	228	401269	47.732	ng	99
84) Bis(2-ethylhexyl)phtha...	21.930	149	220348	49.276	ng	99
85) Di-n-octyl phthalate	23.246	149	380224	50.457	ng	100
87) Indeno(1,2,3-cd)pyrene	29.743	276	534496	51.257	ng	# 96
88) Benzo(b)fluoranthene	24.503	252	460754	52.221	ng	98
89) Benzo(k)fluoranthene	24.579	252	445914	50.623	ng	98
90) Benzo(a)pyrene	25.478	252	408007	47.058	ng	99
91) Dibenzo(a,h)anthracene	29.813	278	439155	51.235	ng	98
92) Benzo(g,h,i)perylene	31.029	276	428258	51.025	ng	99

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

Quant Time: Mar 31 04:06:13 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

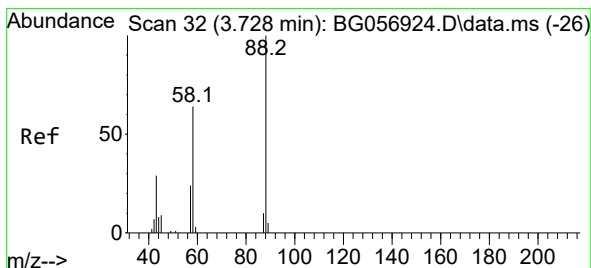
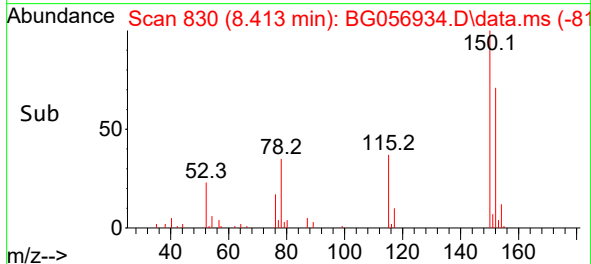
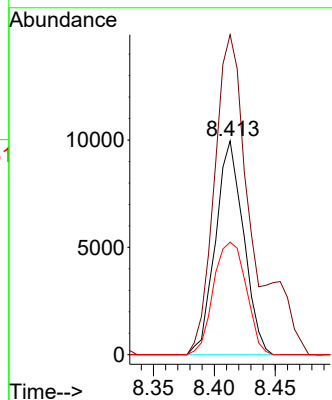
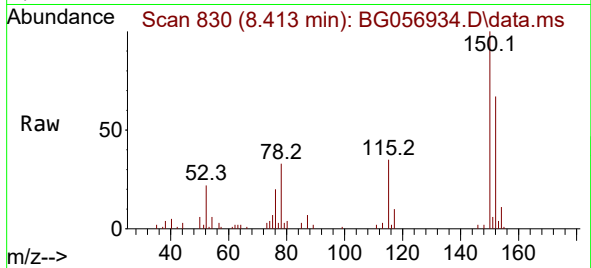




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.413 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056934.D
 Acq: 30 Mar 2023 22:16

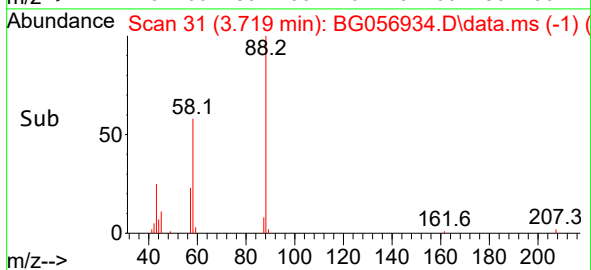
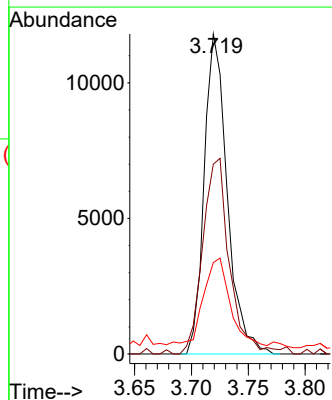
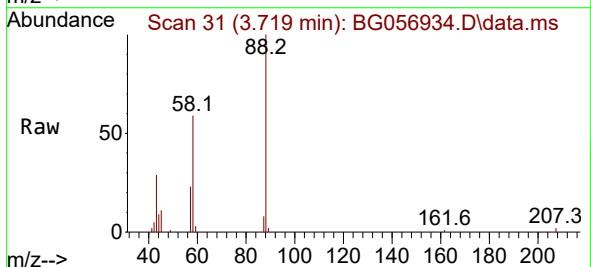
Instrument :
 BNA_G
 ClientSampleId :
 PB151747BS

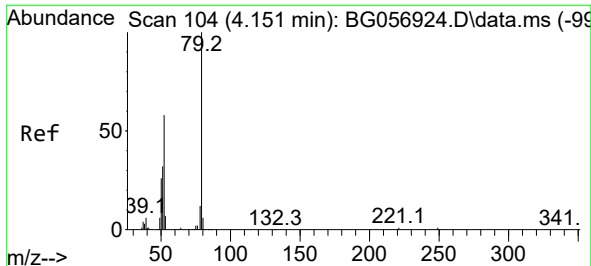
Tgt Ion:152 Resp: 15999
 Ion Ratio Lower Upper
 152 100
 150 149.7 124.1 186.1
 115 52.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 37.894 ng
 RT: 3.719 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG056934.D
 Acq: 30 Mar 2023 22:16

Tgt Ion: 88 Resp: 16606
 Ion Ratio Lower Upper
 88 100
 58 71.4 55.9 83.9
 43 32.0 25.7 38.5

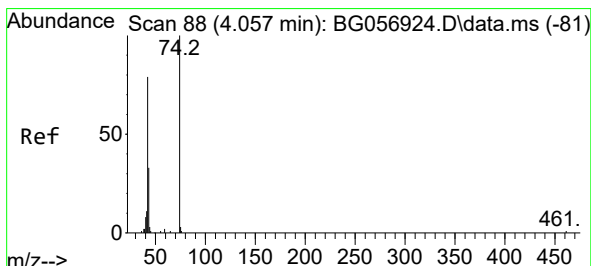
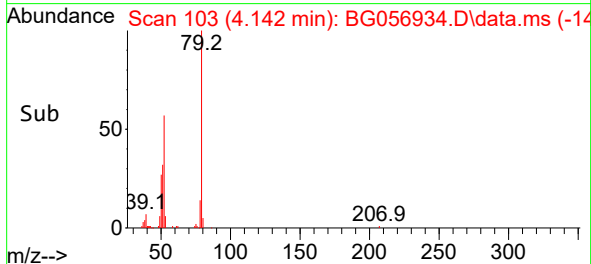
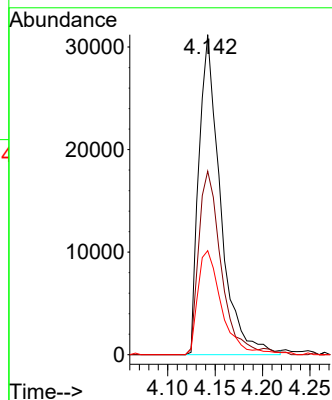
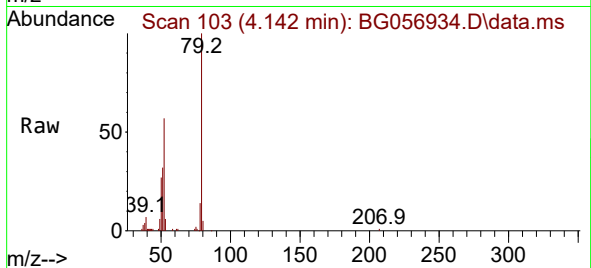




#3
Pyridine
Concen: 34.874 ng
RT: 4.142 min Scan# 103
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

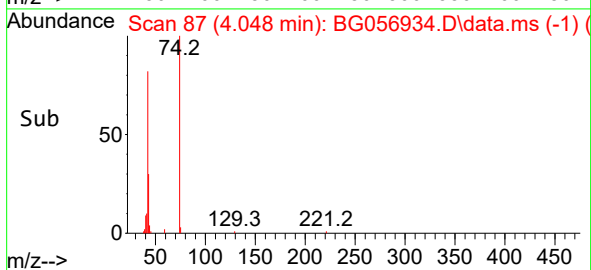
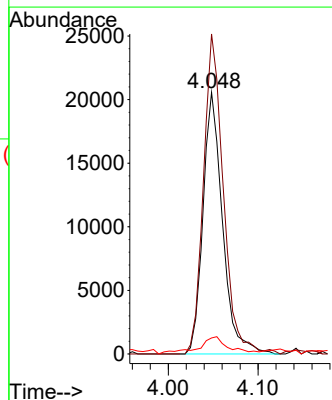
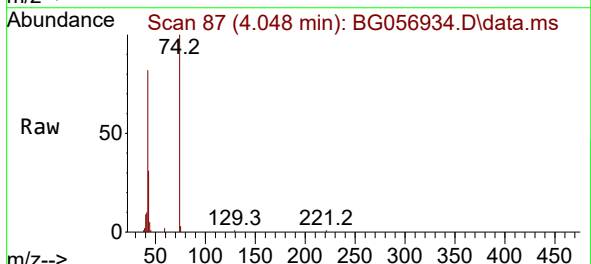
Instrument :
BNA_G
ClientSampleId :
PB151747BS

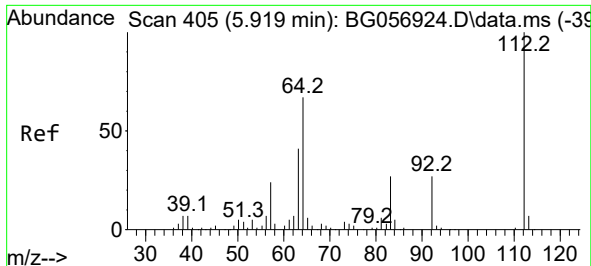
Tgt Ion: 79 Resp: 49222
Ion Ratio Lower Upper
79 100
52 57.3 46.1 69.1
51 32.5 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 47.981 ng
RT: 4.048 min Scan# 87
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 42 Resp: 31136
Ion Ratio Lower Upper
42 100
74 122.3 100.6 151.0
44 6.1 4.6 7.0

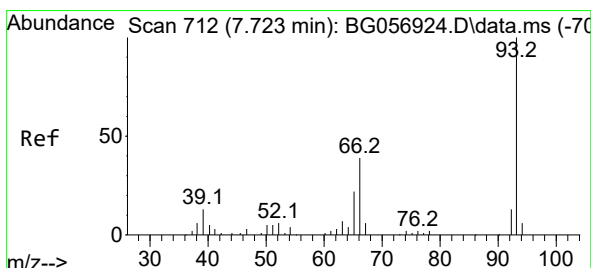
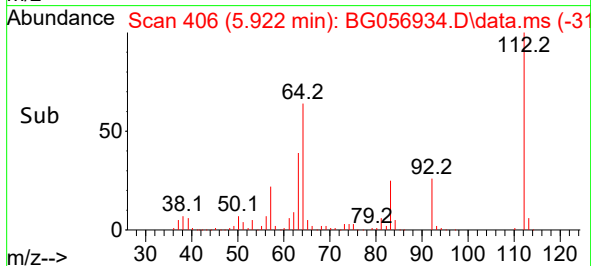
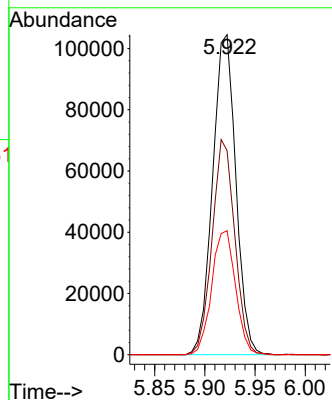
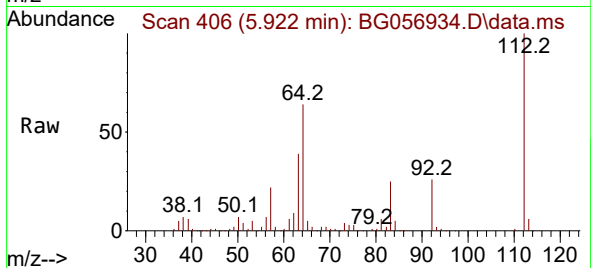




#5
2-Fluorophenol
Concen: 168.339 ng
RT: 5.922 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

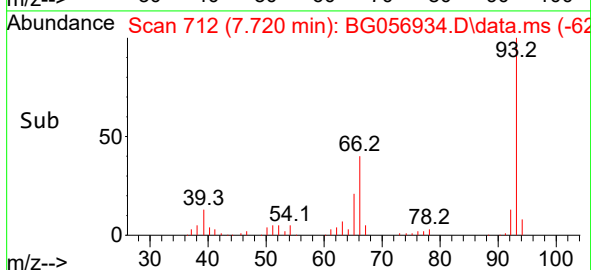
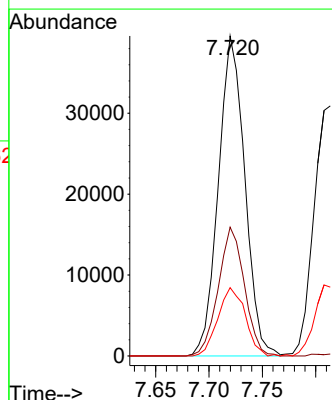
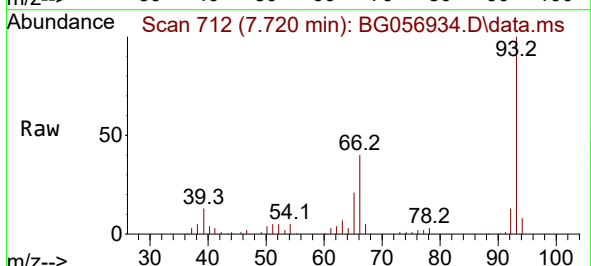
Instrument :
BNA_G
ClientSampleId :
PB151747BS

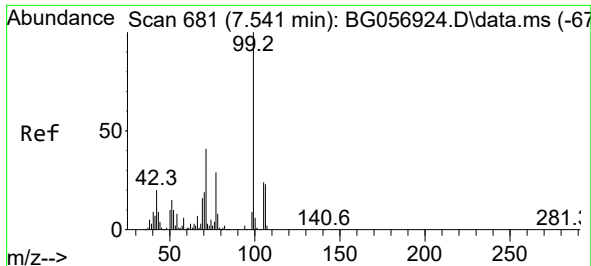
Tgt Ion:112 Resp: 168281
Ion Ratio Lower Upper
112 100
64 63.8 53.2 79.8
63 38.7 32.6 48.8



#6
Aniline
Concen: 35.638 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 93 Resp: 68116
Ion Ratio Lower Upper
93 100
66 40.3 31.4 47.0
65 21.4 17.3 25.9

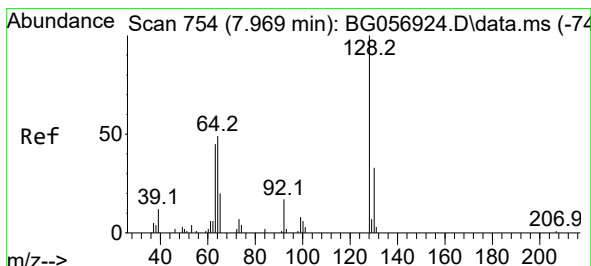
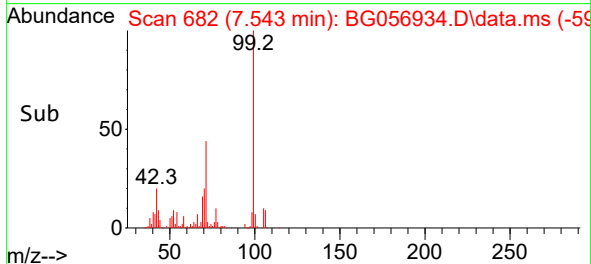
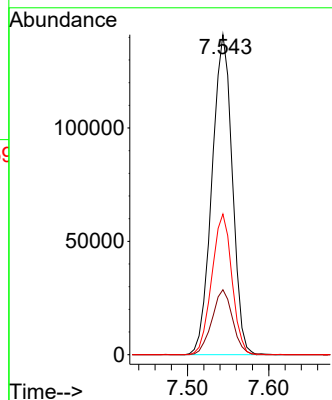
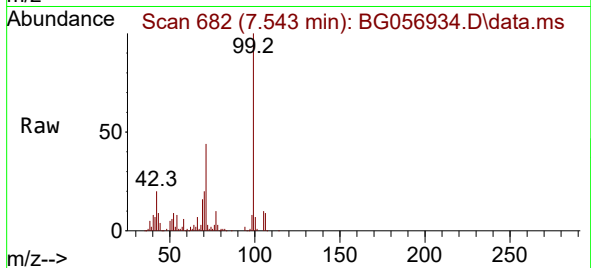




#7
Phenol-d6
Concen: 163.903 ng
RT: 7.543 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

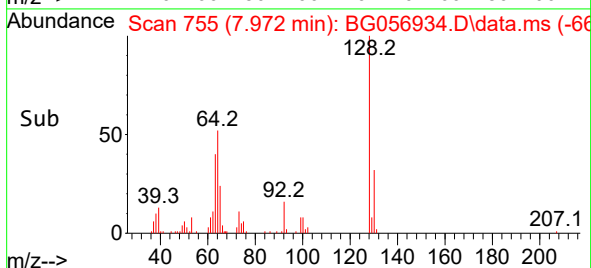
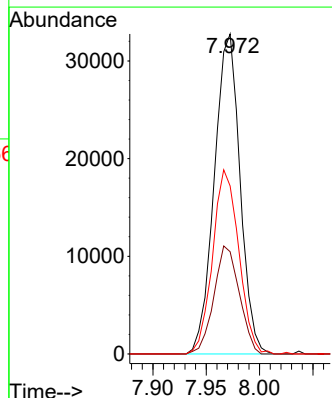
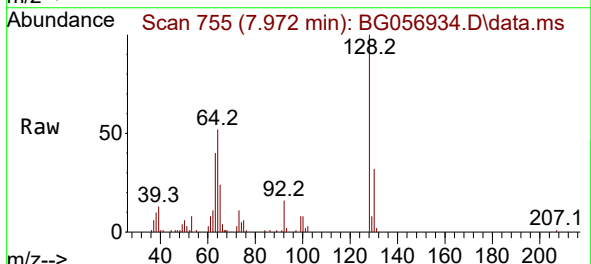
Instrument :
BNA_G
ClientSampleId :
PB151747BS

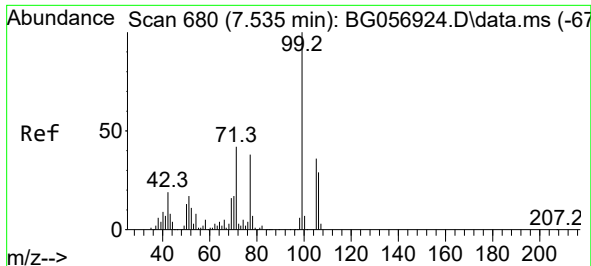
Tgt Ion: 99 Resp: 245053
Ion Ratio Lower Upper
99 100
42 20.3 15.7 23.5
71 44.0 32.5 48.7



#8
2-Chlorophenol
Concen: 55.145 ng
RT: 7.972 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 128 Resp: 54909
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 52.5 40.6 80.6

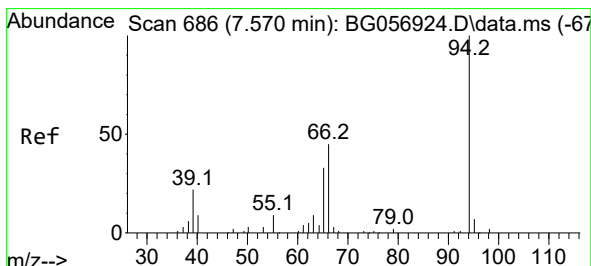
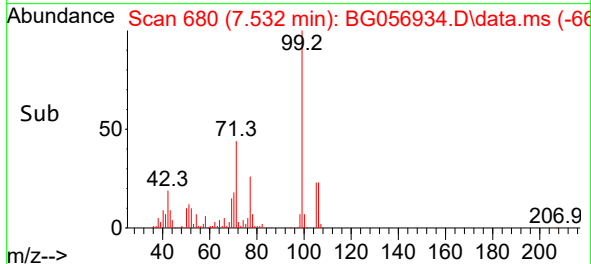
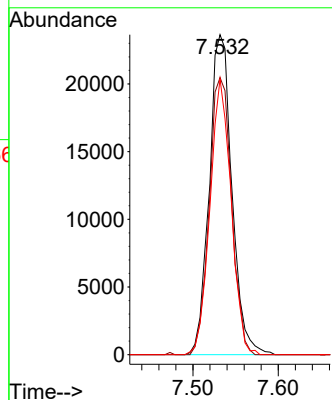
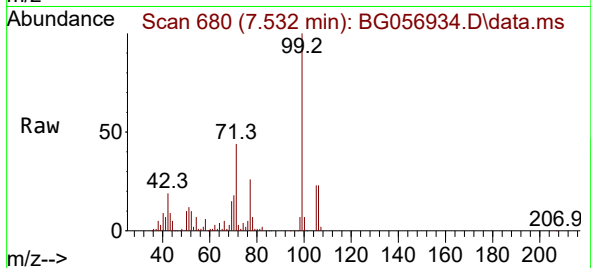




#9
Benzaldehyde
Concen: 46.551 ng
RT: 7.532 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

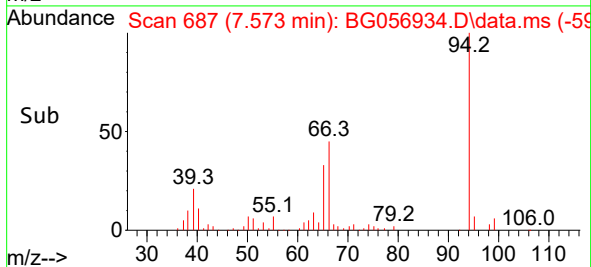
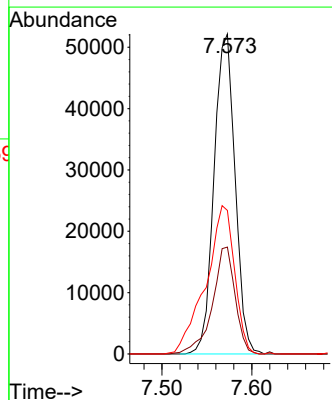
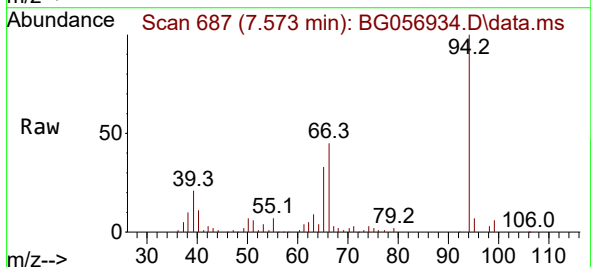
Instrument :
BNA_G
ClientSampleId :
PB151747BS

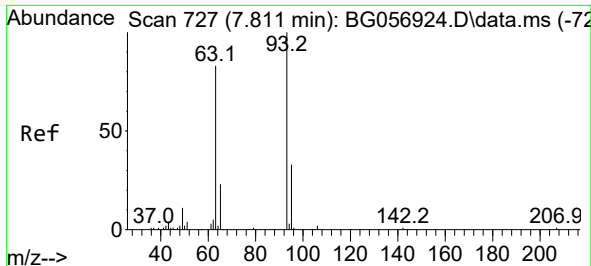
Tgt Ion: 77 Resp: 43654
Ion Ratio Lower Upper
77 100
105 86.6 73.6 113.6
106 86.2 56.7 96.7



#10
Phenol
Concen: 57.191 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 94 Resp: 84727
Ion Ratio Lower Upper
94 100
65 33.4 13.3 53.3
66 44.8 26.7 66.7

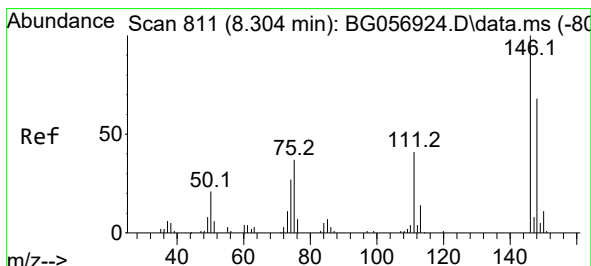
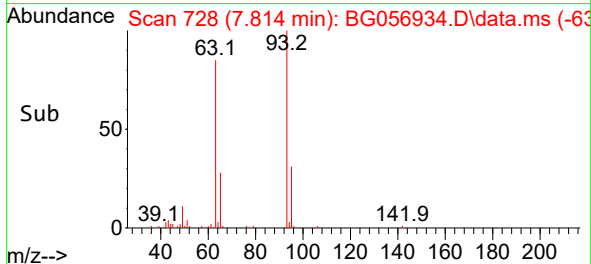
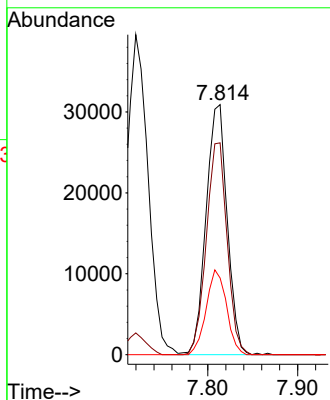
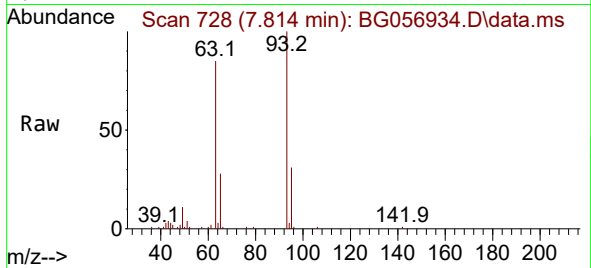




#11
bis(2-Chloroethyl)ether
Concen: 47.911 ng
RT: 7.814 min Scan# 727
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

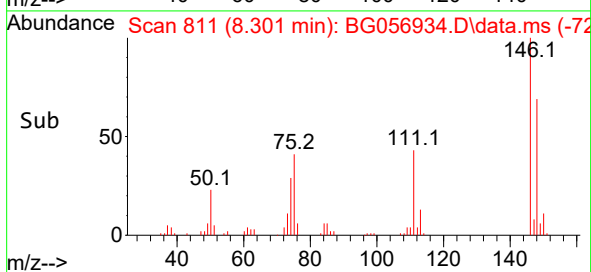
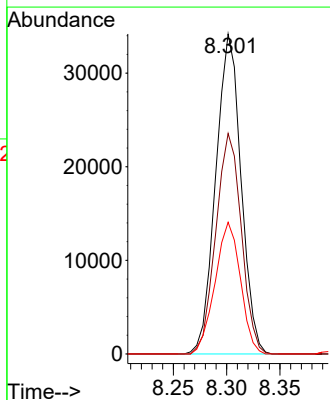
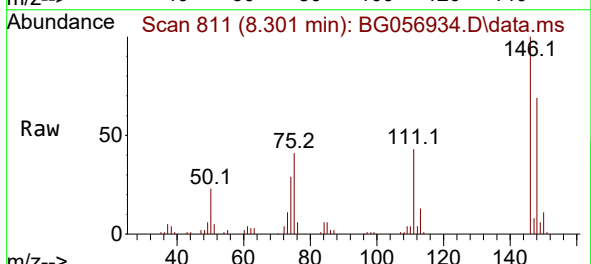
Instrument :
BNA_G
ClientSampleId :
PB151747BS

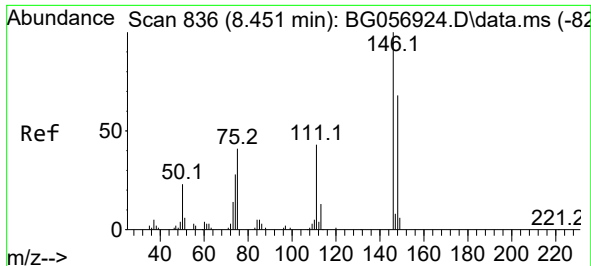
Tgt Ion: 93 Resp: 50560
Ion Ratio Lower Upper
93 100
63 84.7 62.7 102.7
95 30.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.185 ng
RT: 8.301 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 146 Resp: 56314
Ion Ratio Lower Upper
146 100
148 68.9 54.2 81.4
75 41.2 29.8 44.8

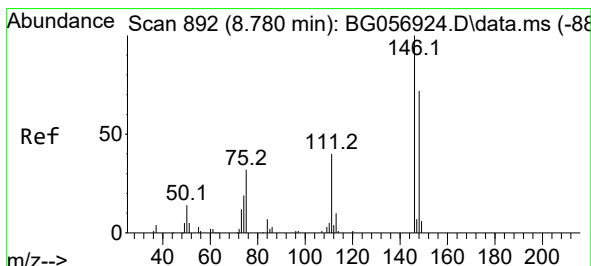
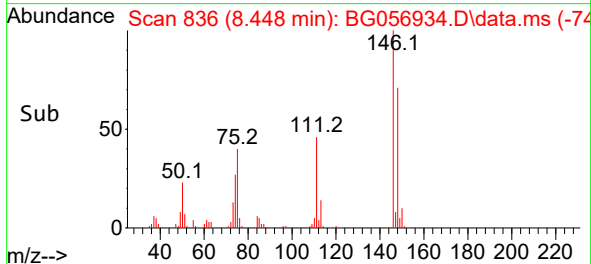
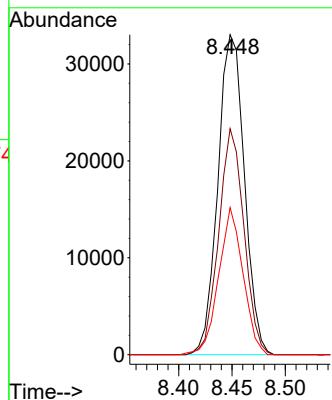
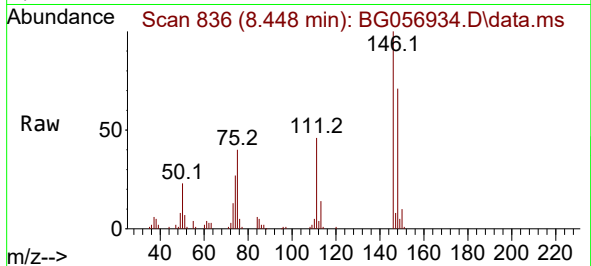




#13
1,4-Dichlorobenzene
Concen: 51.447 ng
RT: 8.448 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

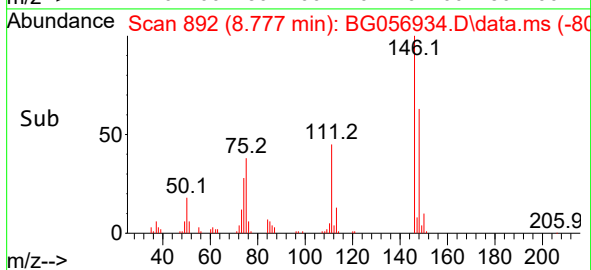
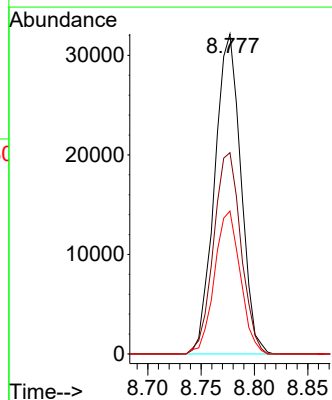
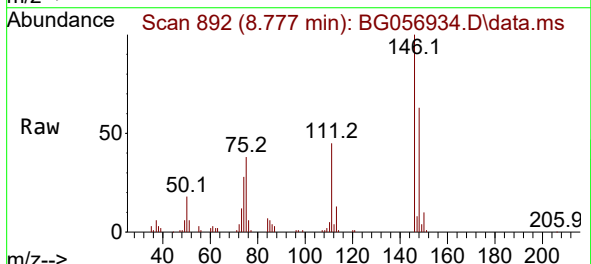
Instrument :
BNA_G
ClientSampleId :
PB151747BS

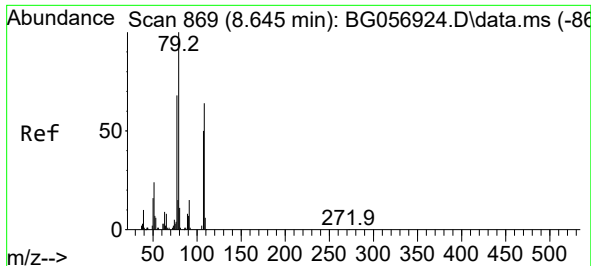
Tgt Ion:146 Resp: 57128
Ion Ratio Lower Upper
146 100
148 70.6 54.8 82.2
111 45.9 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 51.191 ng
RT: 8.777 min Scan# 892
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:146 Resp: 54918
Ion Ratio Lower Upper
146 100
148 62.9 57.4 86.0
111 44.6 33.2 49.8

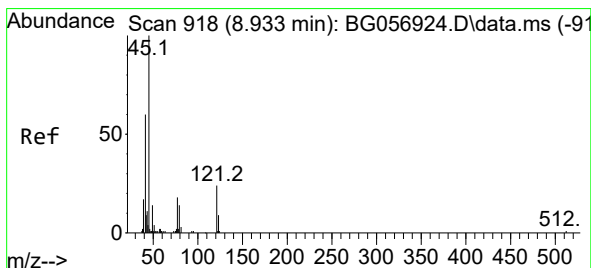
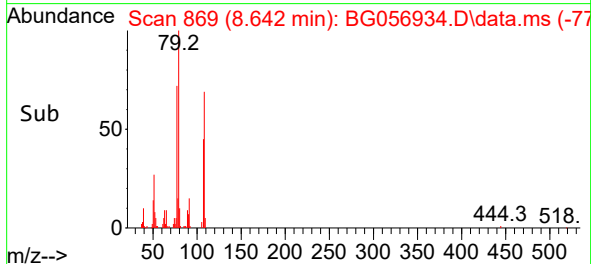
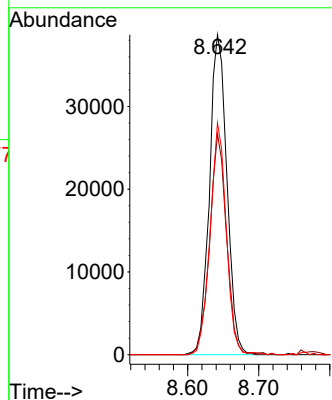
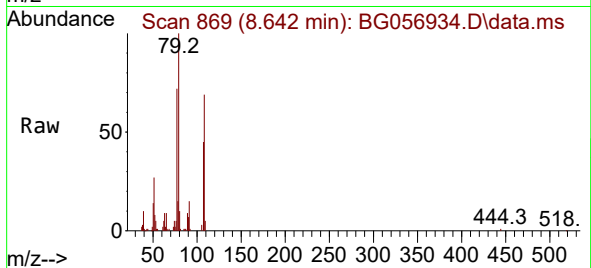




#15
Benzyl Alcohol
Concen: 53.097 ng
RT: 8.642 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

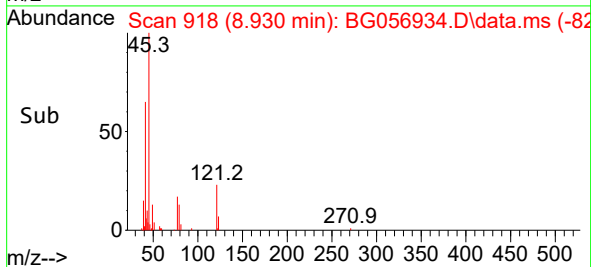
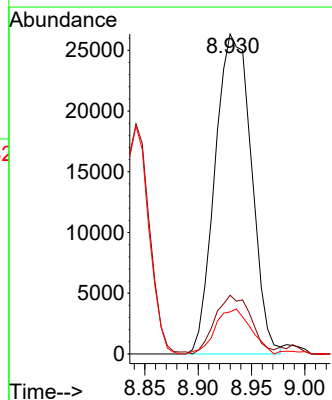
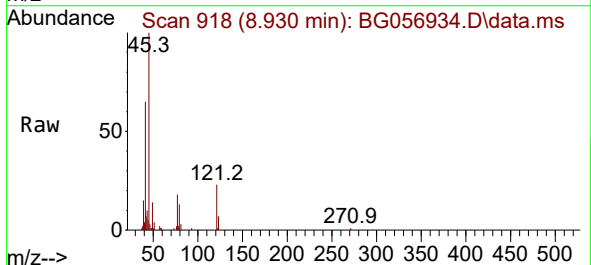
Instrument :
BNA_G
ClientSampleId :
PB151747BS

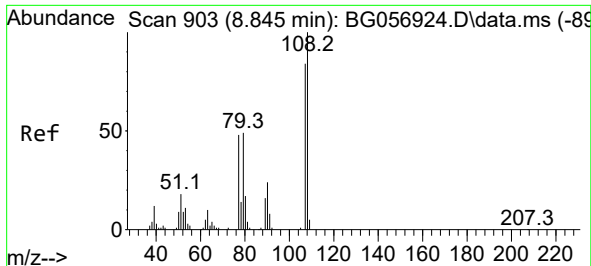
Tgt Ion: 79 Resp: 65963
Ion Ratio Lower Upper
79 100
108 69.0 51.2 76.8
77 72.5 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.995 ng
RT: 8.930 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 45 Resp: 62311
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.7
79 13.1 0.0 35.1





#17

2-Methylphenol

Concen: 52.038 ng

RT: 8.842 min Scan# 903

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

Tgt Ion:107 Resp: 55001

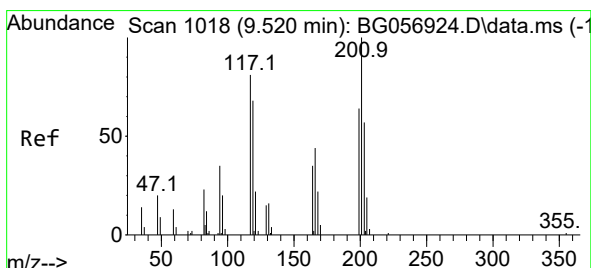
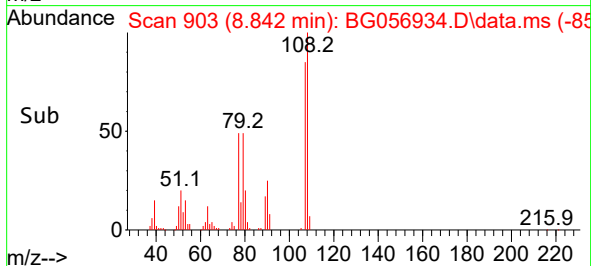
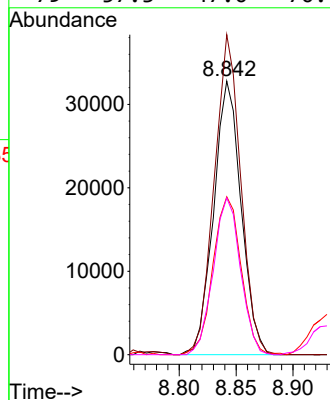
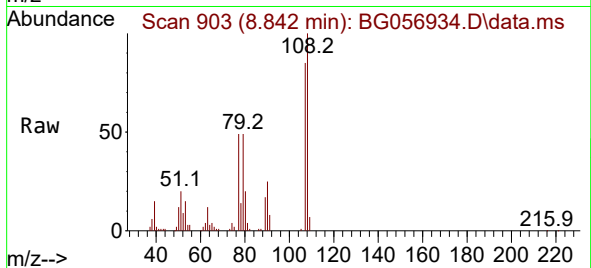
Ion Ratio Lower Upper

107 100

108 117.0 96.0 144.0

77 57.8 45.6 68.4

79 57.3 47.0 70.4



#18

Hexachloroethane

Concen: 50.875 ng

RT: 9.517 min Scan# 1018

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

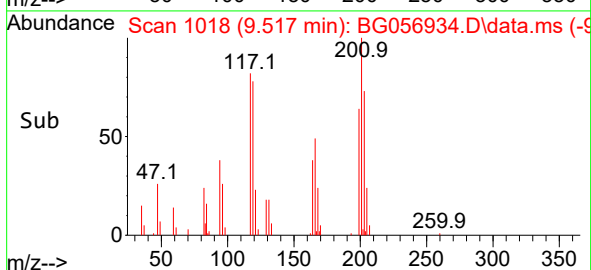
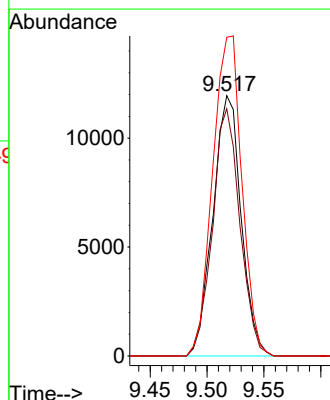
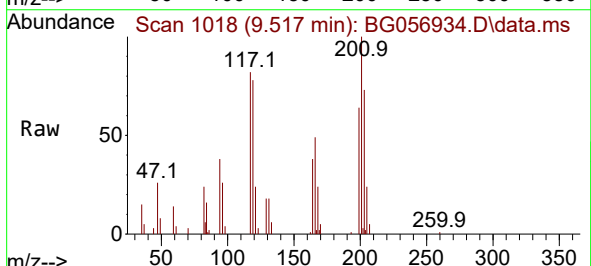
Tgt Ion:117 Resp: 20648

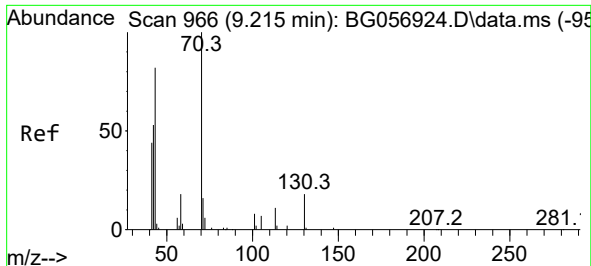
Ion Ratio Lower Upper

117 100

119 95.0 67.0 100.6

201 122.4 98.7 148.1

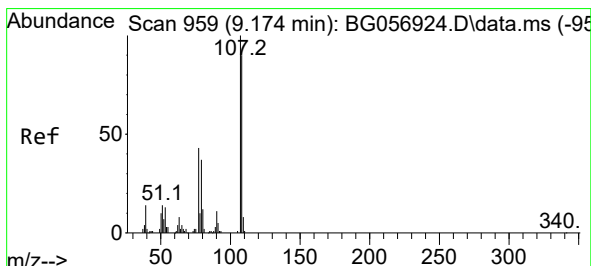
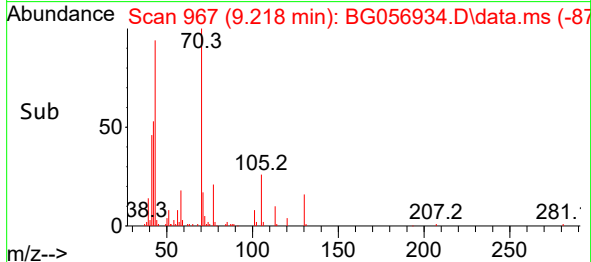
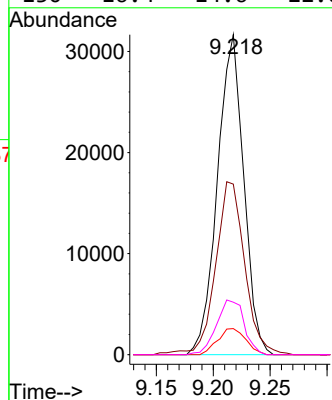
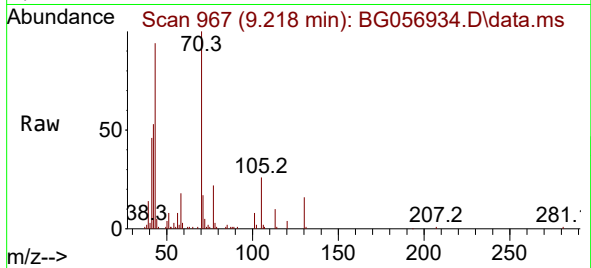




#19
n-Nitroso-di-n-propylamine
Concen: 47.601 ng
RT: 9.218 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

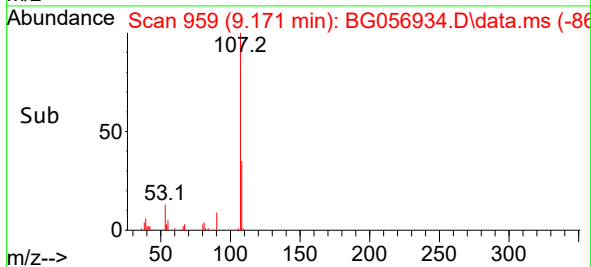
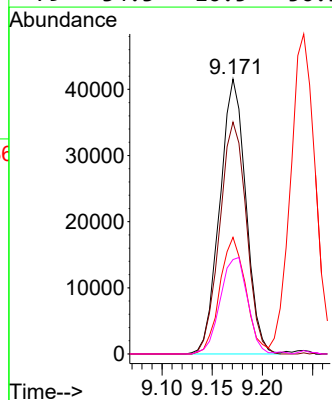
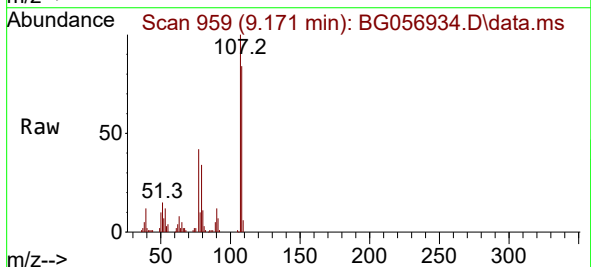
Instrument :
BNA_G
ClientSampleId :
PB151747BS

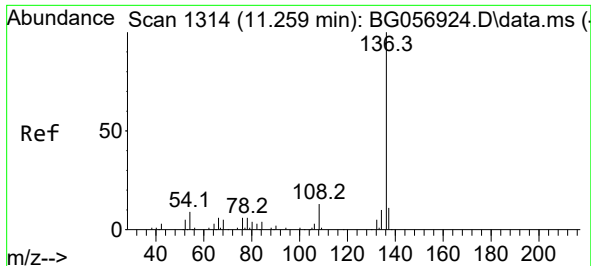
Tgt Ion: 70 Resp: 50905
Ion Ratio Lower Upper
70 100
42 53.3 43.4 65.0
101 8.2 6.2 9.2
130 16.4 14.6 22.0



#20
3+4-Methylphenols
Concen: 50.820 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 107 Resp: 75109
Ion Ratio Lower Upper
107 100
108 84.3 69.9 109.9
77 42.4 22.7 62.7
79 34.3 16.5 56.5

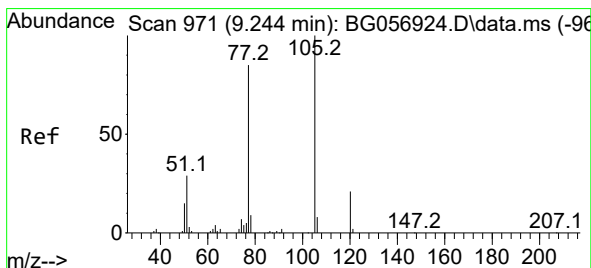
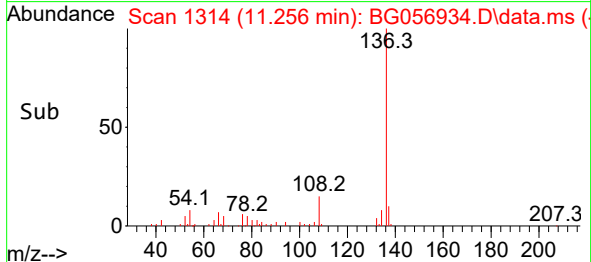
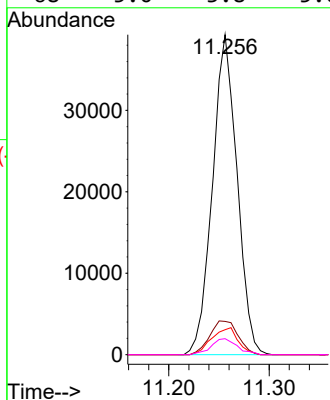
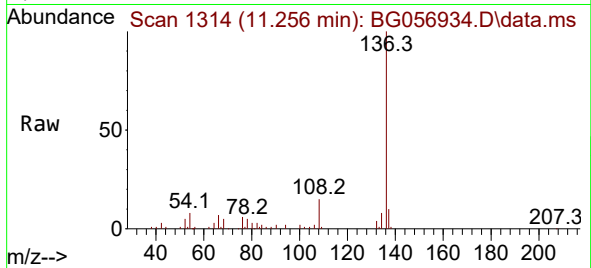




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

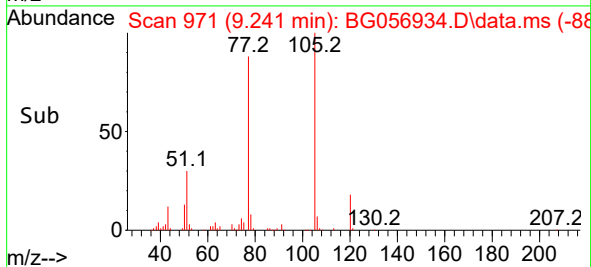
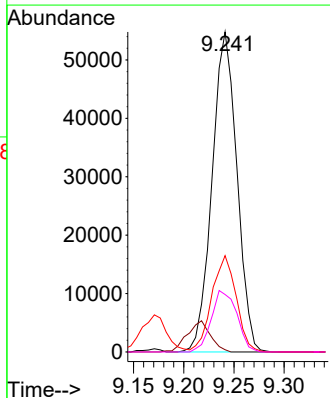
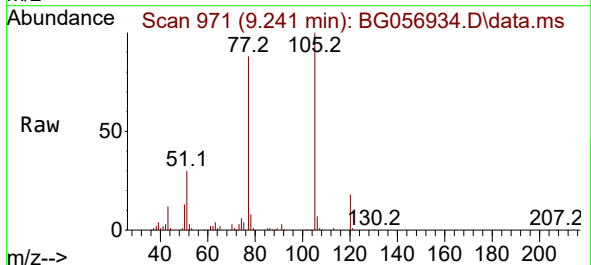
Instrument :
BNA_G
ClientSampleId :
PB151747BS

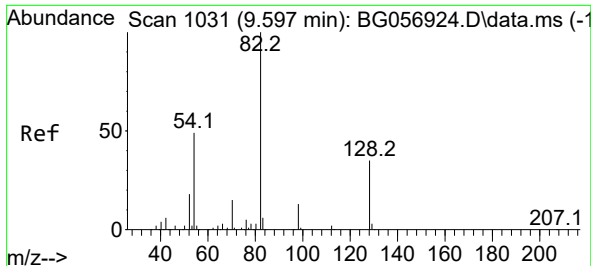
Tgt Ion:136 Resp: 66812
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.8 6.9 10.3
68 5.0 3.8 5.6



#22
Acetophenone
Concen: 47.431 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:105 Resp: 94296
Ion Ratio Lower Upper
105 100
71 0.7 0.7 1.1#
51 30.1 23.8 35.8
120 17.9 17.0 25.4

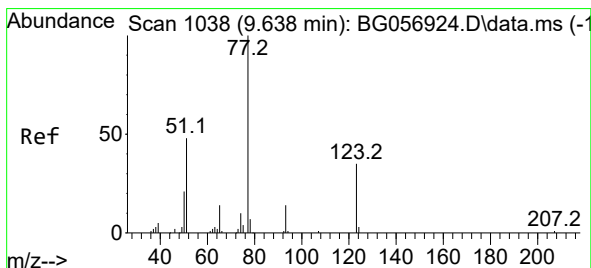
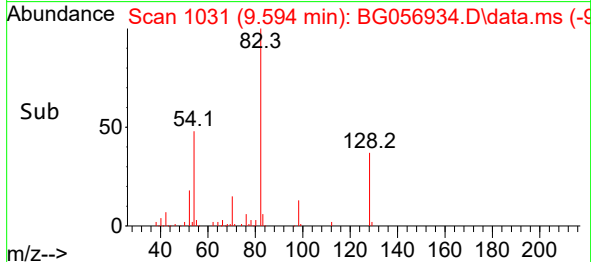
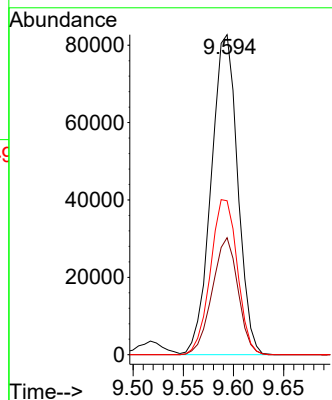
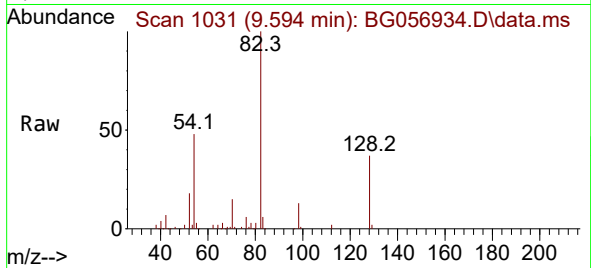




#23
Nitrobenzene-d5
Concen: 93.066 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

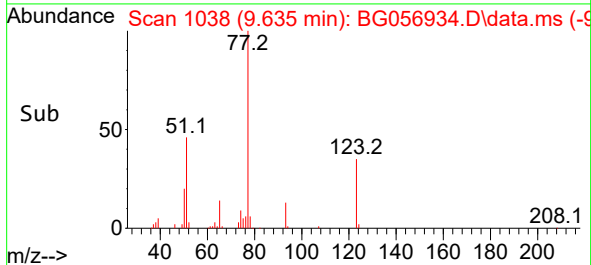
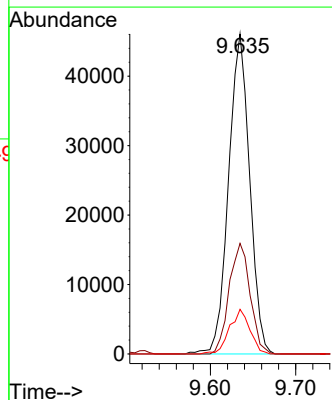
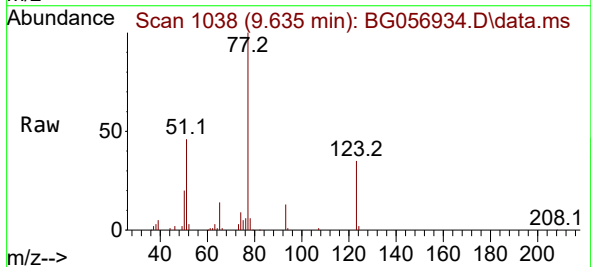
Instrument :
BNA_G
ClientSampleId :
PB151747BS

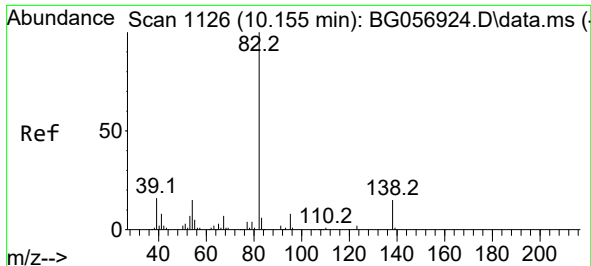
Tgt Ion: 82 Resp: 151962
Ion Ratio Lower Upper
82 100
128 36.6 27.9 41.9
54 48.1 39.4 59.2



#24
Nitrobenzene
Concen: 47.361 ng
RT: 9.635 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 77 Resp: 79065
Ion Ratio Lower Upper
77 100
123 34.6 27.6 41.4
65 14.0 11.5 17.3

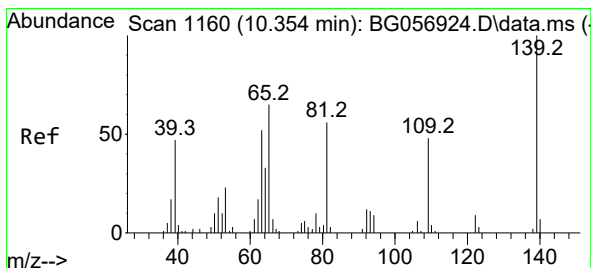
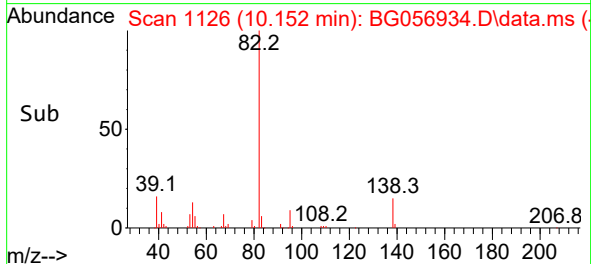
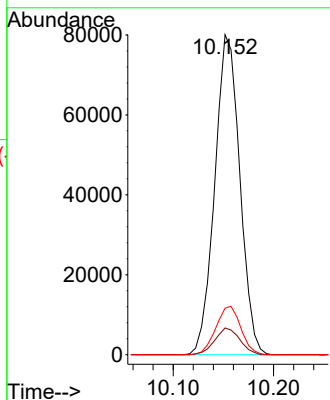
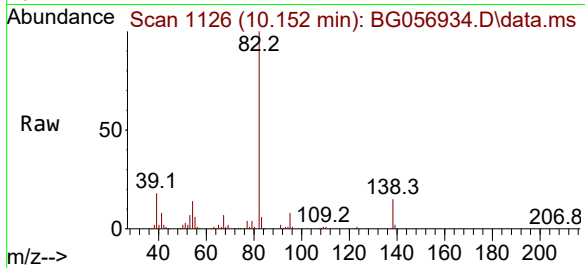




#25
Isophorone
Concen: 44.616 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

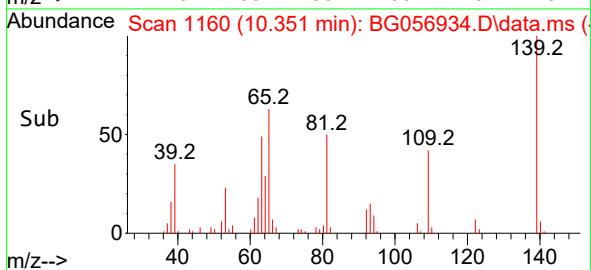
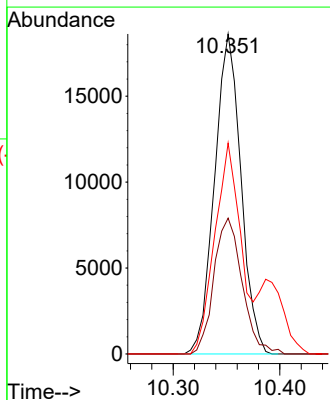
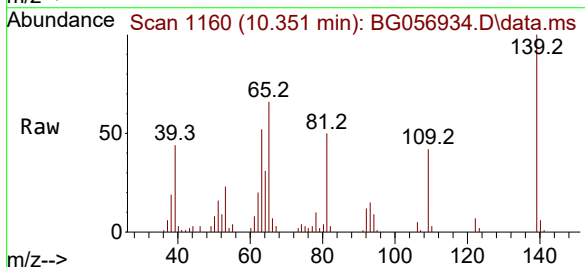
Instrument :
BNA_G
ClientSampleId :
PB151747BS

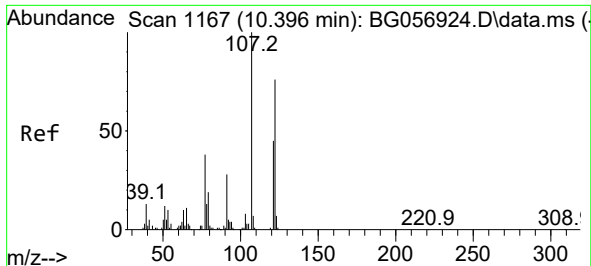
Tgt Ion: 82 Resp: 138727
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 14.5 11.8 17.8



#26
2-Nitrophenol
Concen: 49.644 ng
RT: 10.351 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:139 Resp: 31989
Ion Ratio Lower Upper
139 100
109 42.5 38.2 57.4
65 65.9 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 51.554 ng

RT: 10.393 min Scan# 1167

Delta R.T. -0.003 min

Lab File: BG056934.D

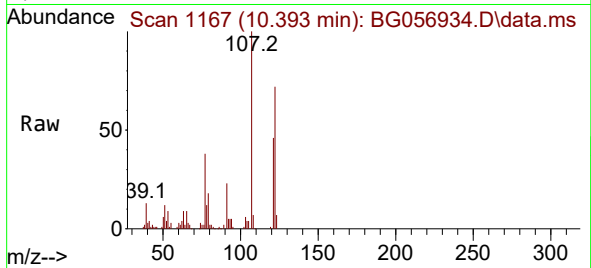
Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS



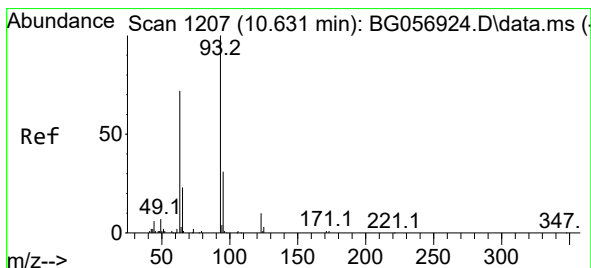
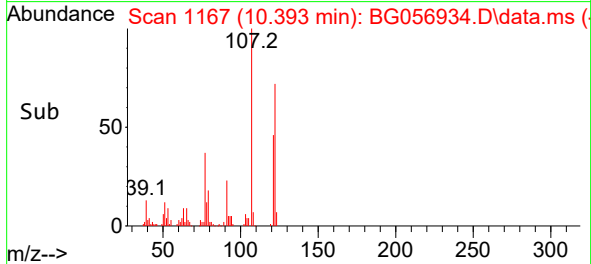
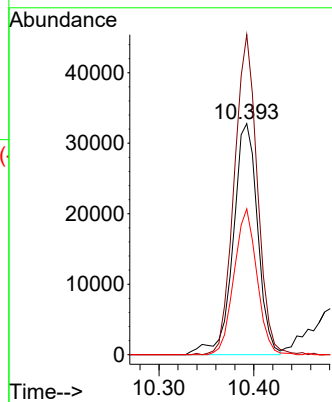
Tgt Ion:122 Resp: 58653

Ion Ratio Lower Upper

122 100

107 138.5 105.7 158.5

121 63.1 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.881 ng

RT: 10.633 min Scan# 1208

Delta R.T. 0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

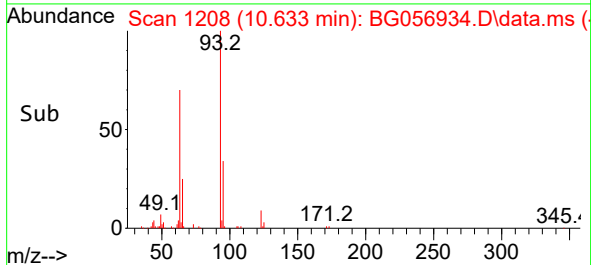
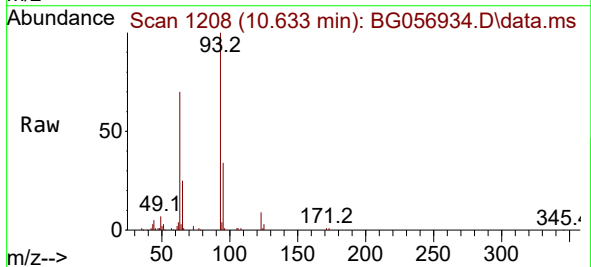
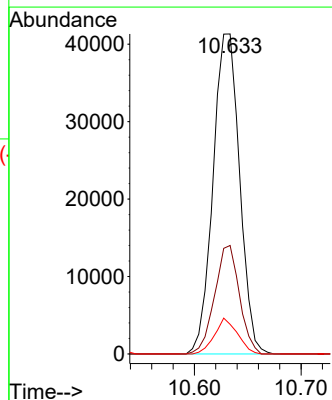
Tgt Ion: 93 Resp: 71421

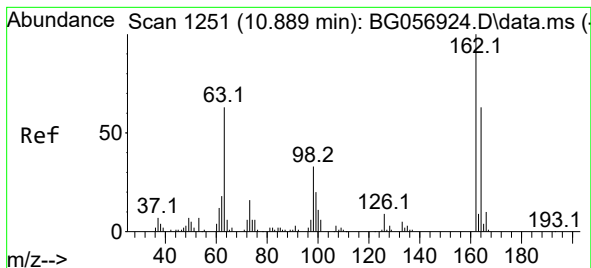
Ion Ratio Lower Upper

93 100

95 33.9 24.6 37.0

123 9.3 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 50.149 ng

RT: 10.892 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

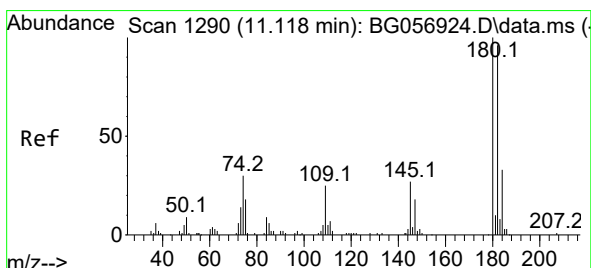
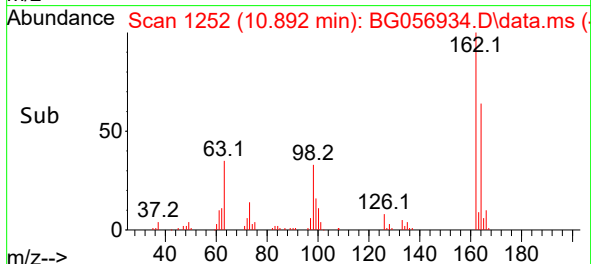
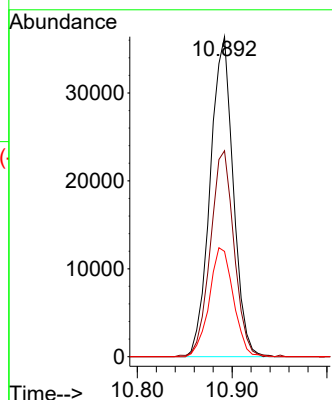
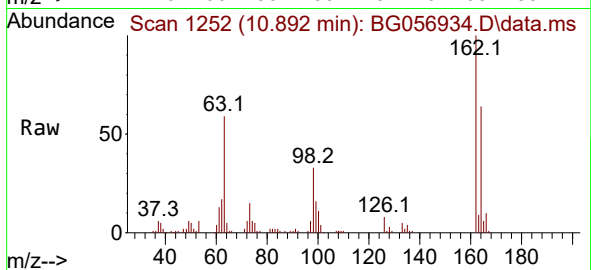
Tgt Ion:162 Resp: 61359

Ion Ratio Lower Upper

162 100

164 64.4 43.4 83.4

98 32.9 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 48.781 ng

RT: 11.109 min Scan# 1289

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

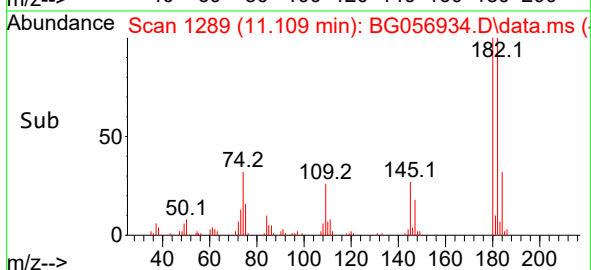
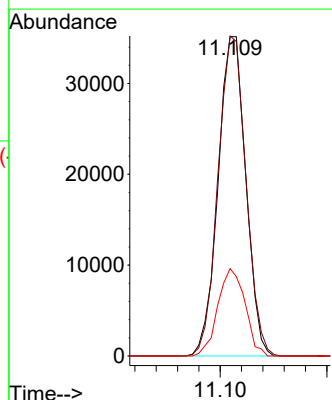
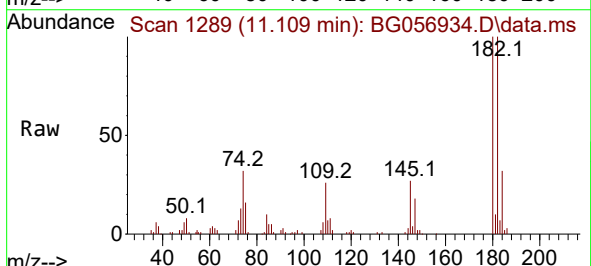
Tgt Ion:180 Resp: 63417

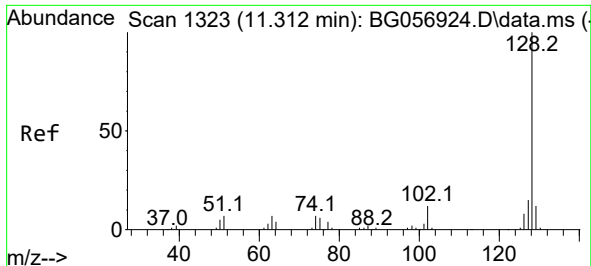
Ion Ratio Lower Upper

180 100

182 100.2 77.1 115.7

145 27.4 21.3 31.9

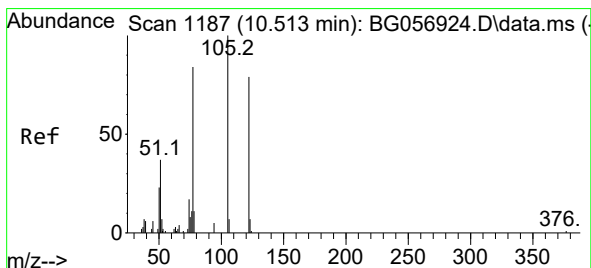
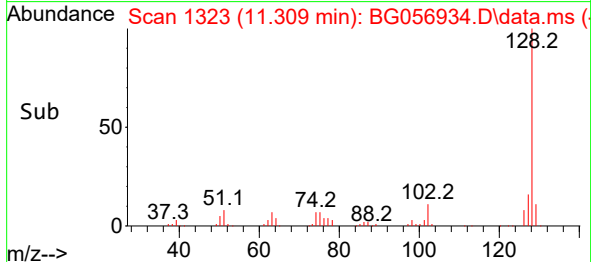
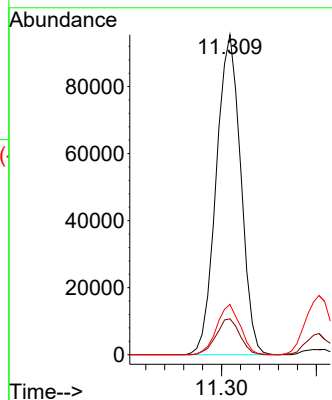
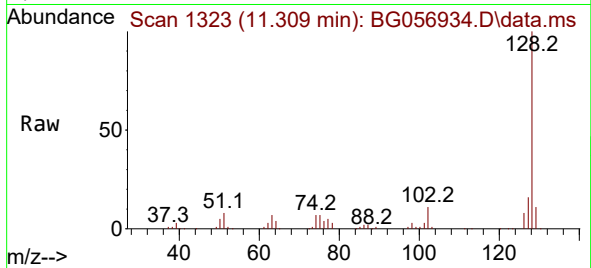




#31
Naphthalene
Concen: 46.987 ng
RT: 11.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

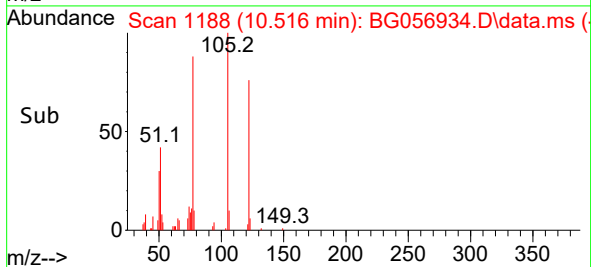
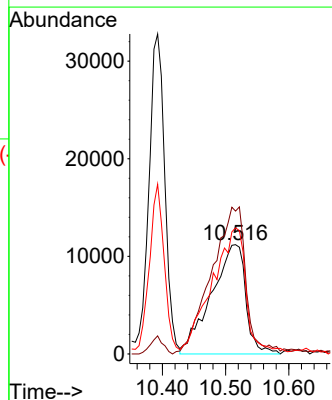
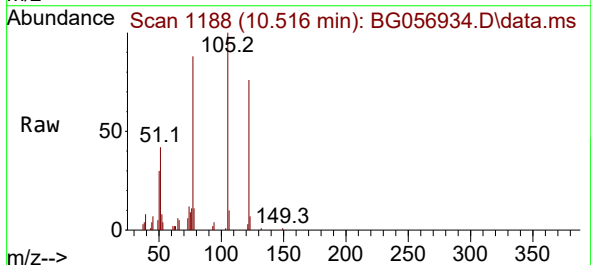
Instrument :
BNA_G
ClientSampleId :
PB151747BS

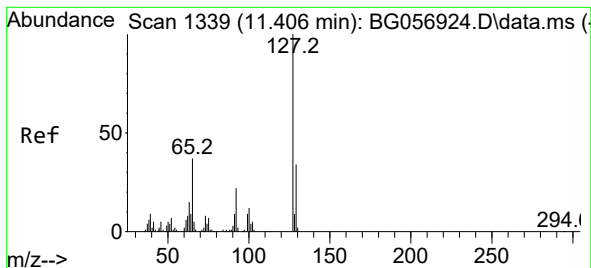
Tgt Ion:128 Resp: 171114
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 15.7 12.2 18.4



#32
Benzoic acid
Concen: 53.903 ng
RT: 10.516 min Scan# 1188
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:122 Resp: 42125
Ion Ratio Lower Upper
122 100
105 130.8 105.4 145.4
77 115.5 87.4 127.4

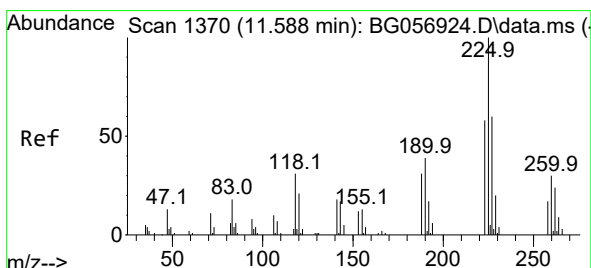
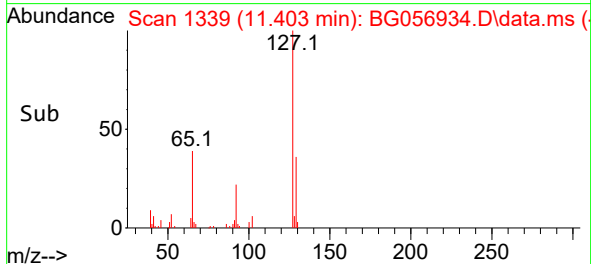
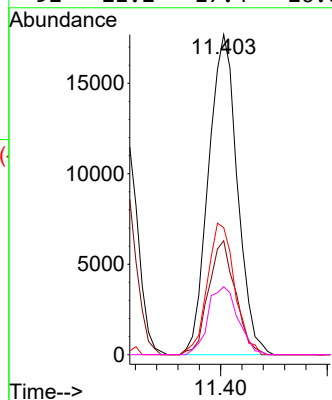
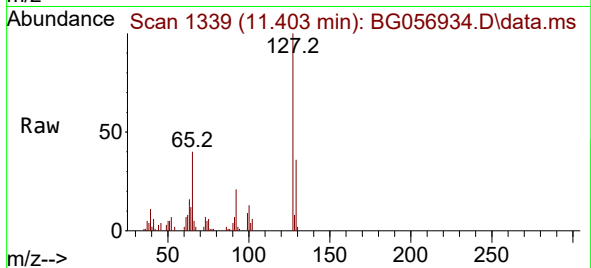




#33
4-Chloroaniline
Concen: 20.219 ng
RT: 11.403 min Scan# 1139
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

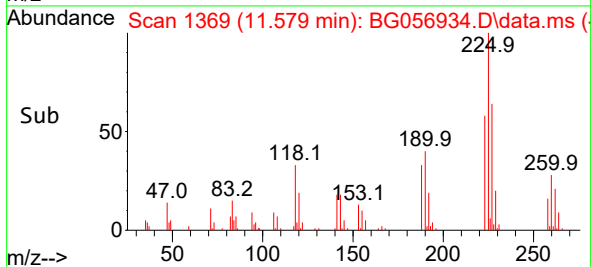
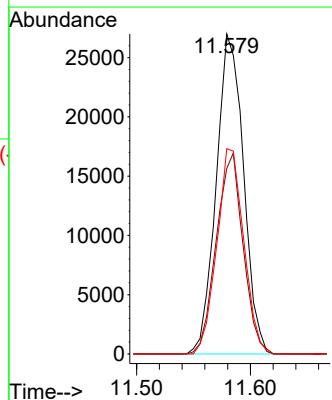
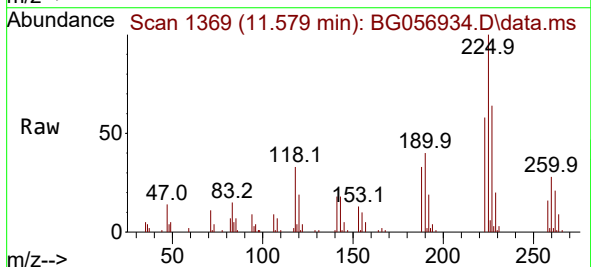
Instrument :
BNA_G
ClientSampleId :
PB151747BS

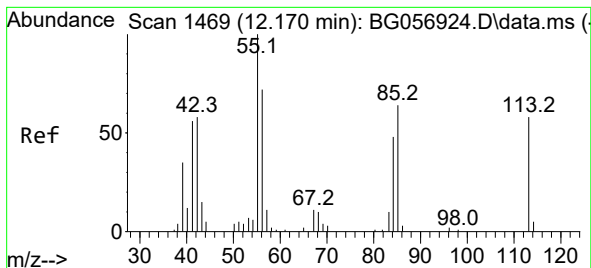
Tgt Ion:	127	Resp:	33256
Ion	Ratio	Lower	Upper
127	100		
129	35.6	27.6	41.4
65	39.7	29.8	44.8
92	21.2	17.4	26.0



#34
Hexachlorobutadiene
Concen: 45.990 ng
RT: 11.579 min Scan# 1369
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:	225	Resp:	44912
Ion	Ratio	Lower	Upper
225	100		
223	57.9	46.4	69.6
227	64.2	48.0	72.0





#35

Caprolactam

Concen: 27.081 ng

RT: 12.161 min Scan# 1468

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

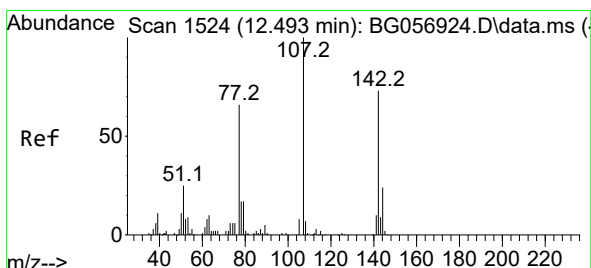
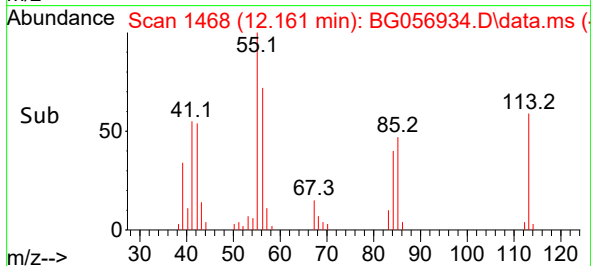
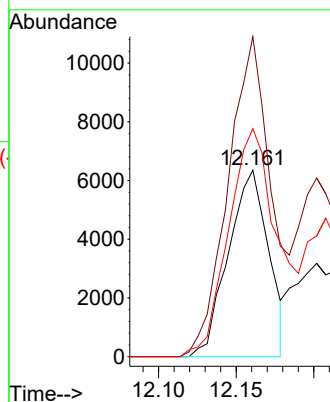
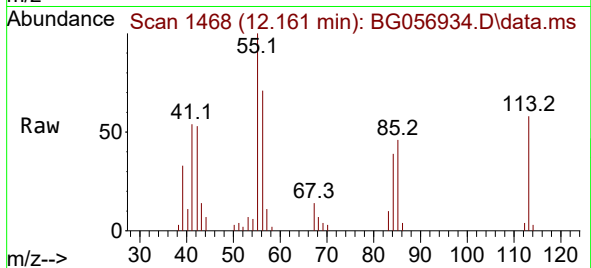
Tgt Ion:113 Resp: 11427

Ion Ratio Lower Upper

113 100

55 171.6 151.6 191.6

56 122.3 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 49.584 ng

RT: 12.490 min Scan# 1524

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

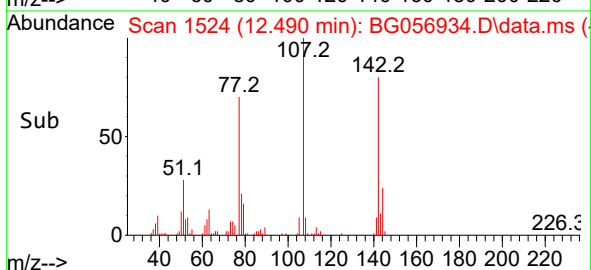
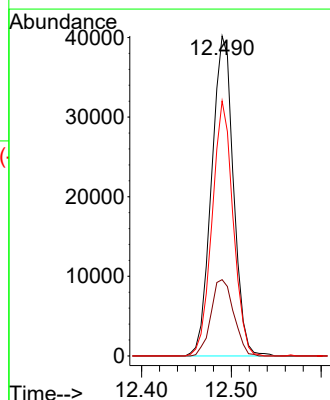
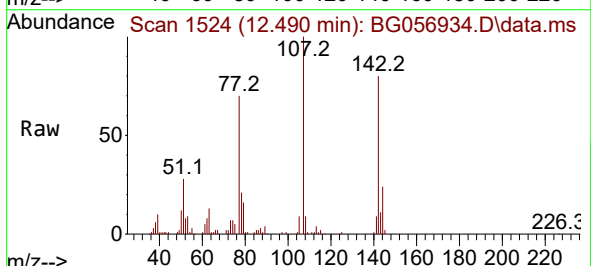
Tgt Ion:107 Resp: 67846

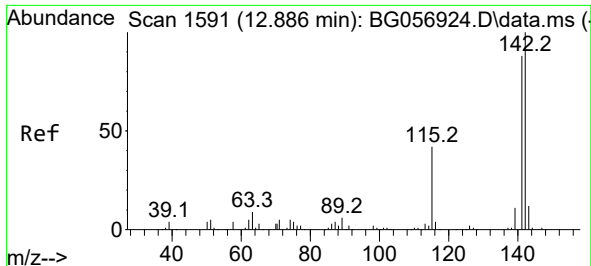
Ion Ratio Lower Upper

107 100

144 23.9 19.0 28.4

142 79.7 58.6 88.0





#37

2-Methylnaphthalene

Concen: 44.887 ng

RT: 12.883 min Scan# 1591

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

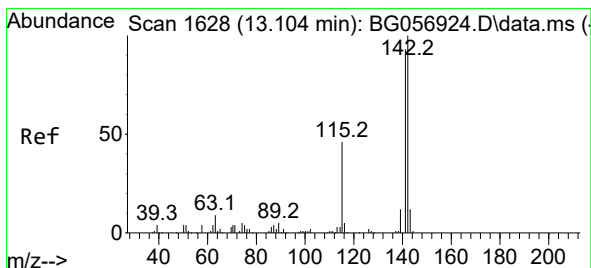
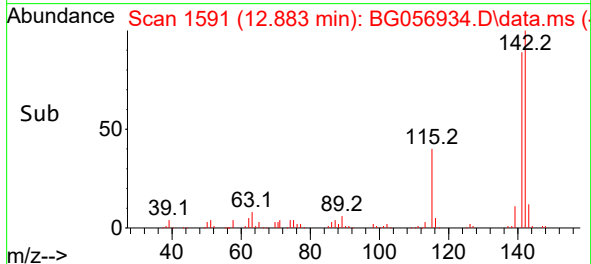
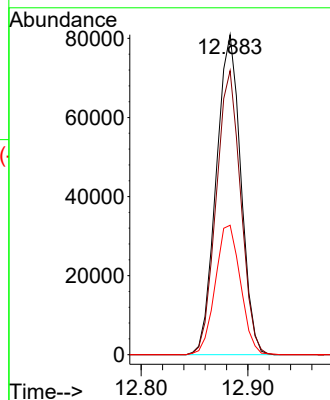
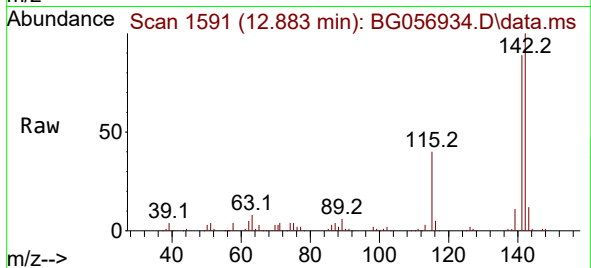
Tgt Ion:142 Resp: 129736

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

115 40.4 33.5 50.3



#38

1-Methylnaphthalene

Concen: 44.573 ng

RT: 13.101 min Scan# 1628

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

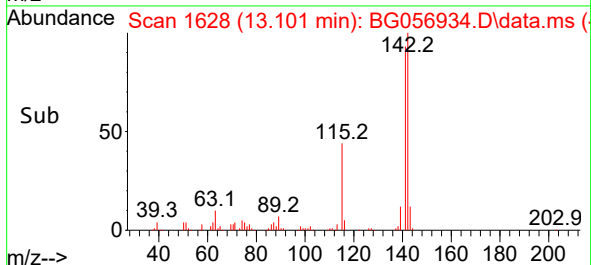
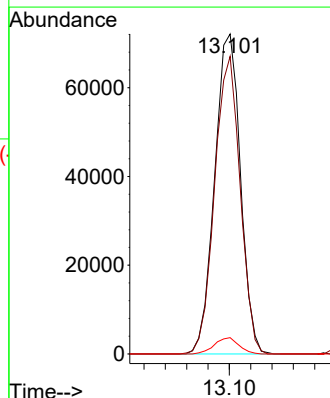
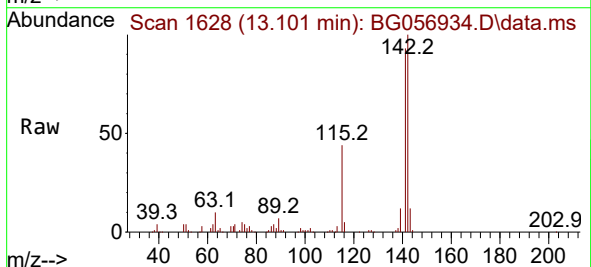
Tgt Ion:142 Resp: 120969

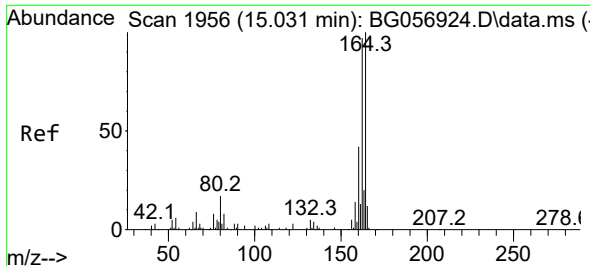
Ion Ratio Lower Upper

142 100

141 93.0 74.0 111.0

116 5.1 3.7 5.5

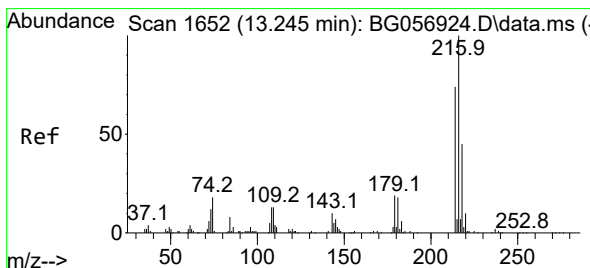
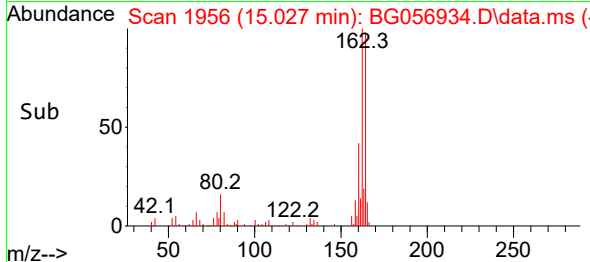
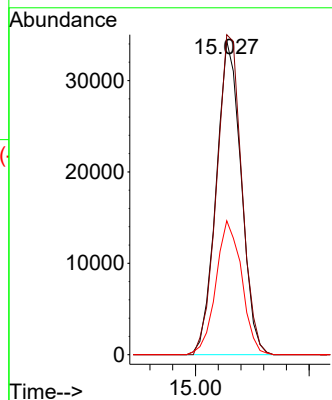
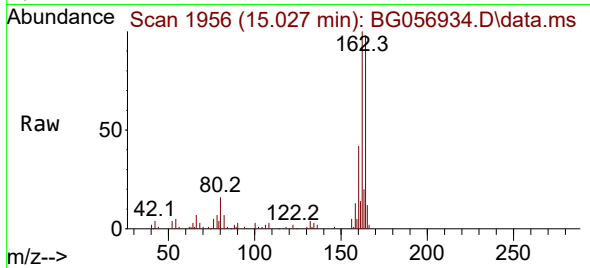




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.027 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

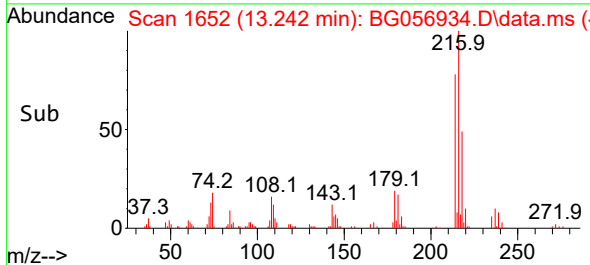
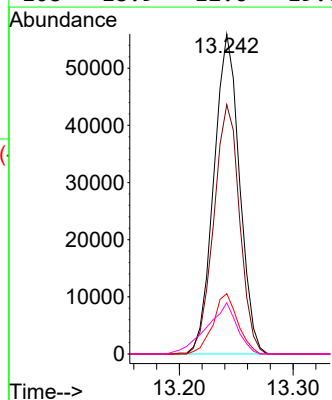
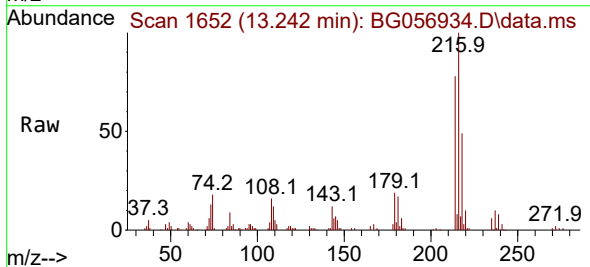
Instrument :
BNA_G
ClientSampleId :
PB151747BS

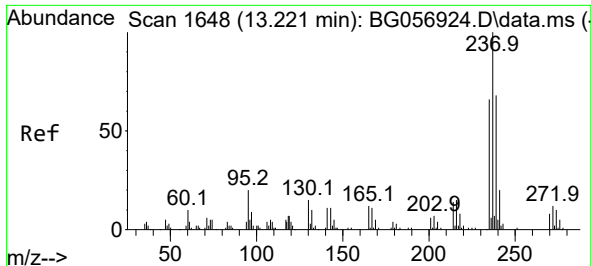
Tgt Ion:164 Resp: 52295
Ion Ratio Lower Upper
164 100
162 102.0 77.8 116.8
160 42.7 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.308 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

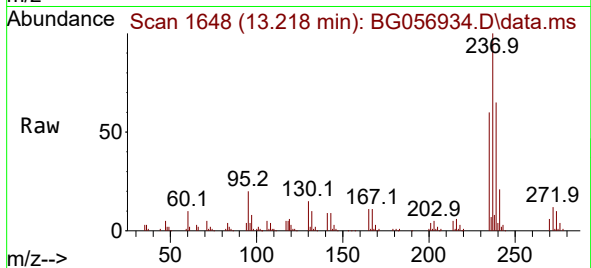
Tgt Ion:216 Resp: 87604
Ion Ratio Lower Upper
216 100
214 78.5 63.3 94.9
179 18.2 15.0 22.6
108 18.9 12.6 19.0



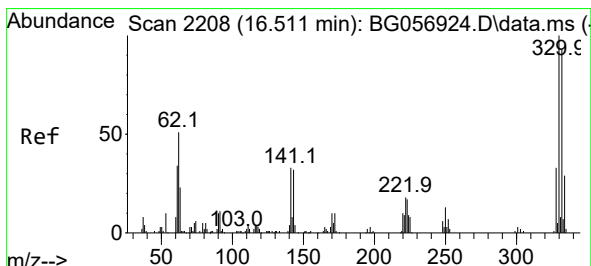
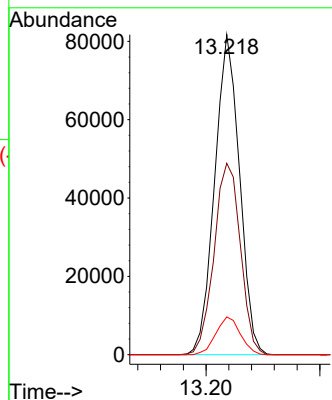
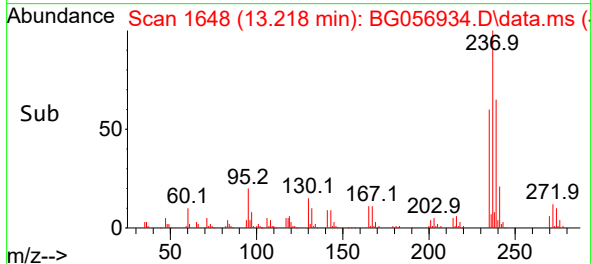


#41
Hexachlorocyclopentadiene
Concen: 123.977 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

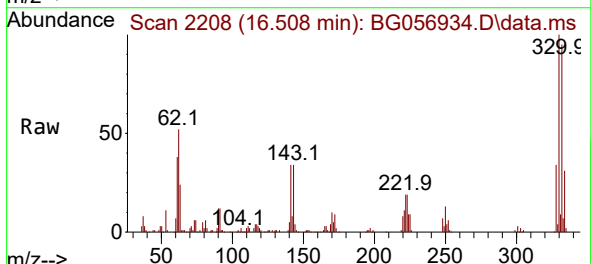
Instrument :
BNA_G
ClientSampleId :
PB151747BS



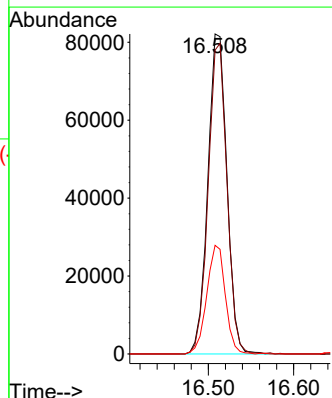
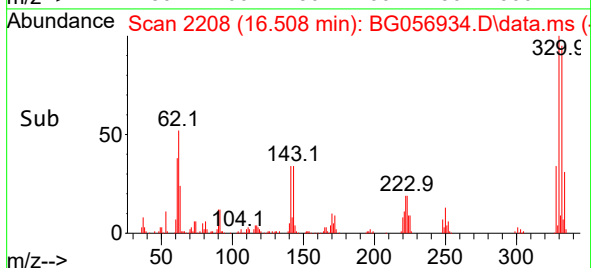
Tgt Ion:237 Resp: 123873
Ion Ratio Lower Upper
237 100
235 59.8 45.9 85.9
272 11.8 0.0 32.3

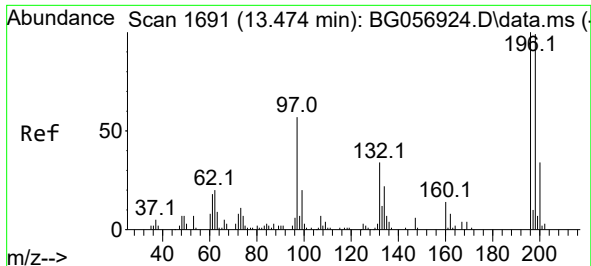


#42
2,4,6-Tribromophenol
Concen: 152.826 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16



Tgt Ion:330 Resp: 127675
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 33.1 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 51.064 ng

RT: 13.471 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

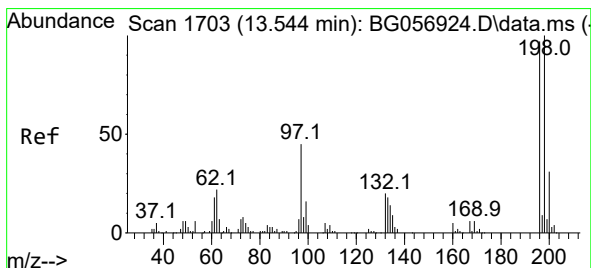
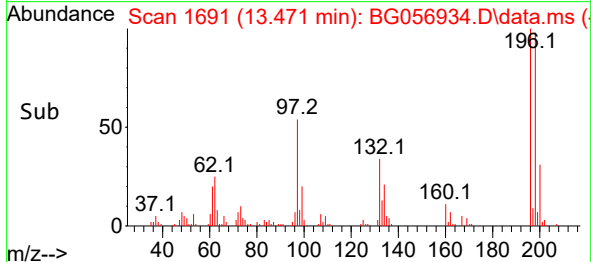
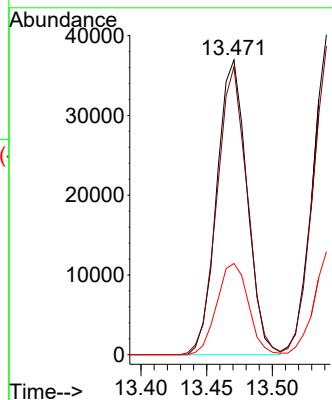
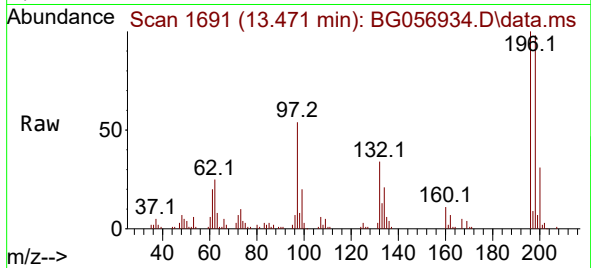
Tgt Ion:196 Resp: 59092

Ion Ratio Lower Upper

196 100

198 97.6 79.1 118.7

200 30.9 27.2 40.8



#44

2,4,5-Trichlorophenol

Concen: 47.098 ng

RT: 13.541 min Scan# 1703

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Tgt Ion:196 Resp: 64568

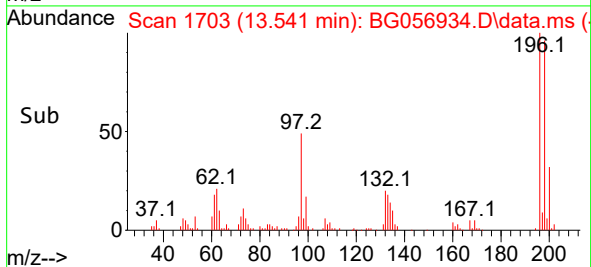
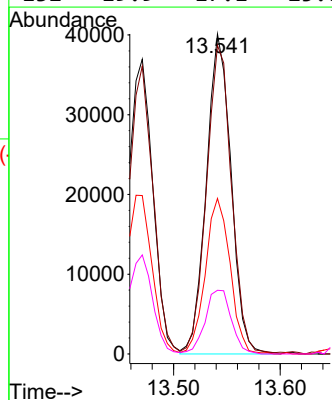
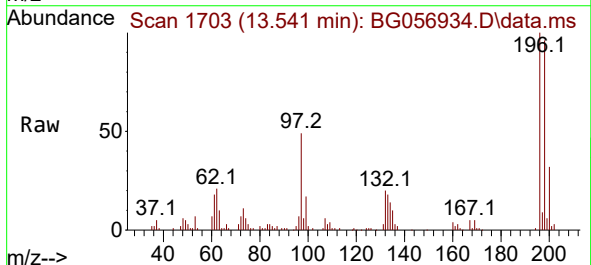
Ion Ratio Lower Upper

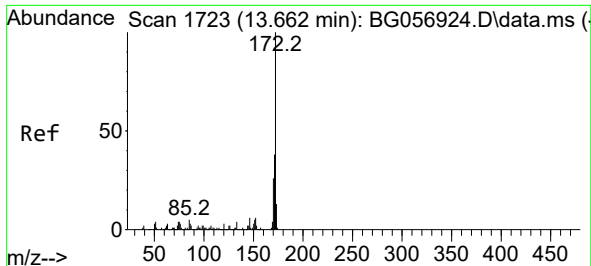
196 100

198 96.5 82.5 123.7

97 48.6 37.0 55.6

132 19.9 17.1 25.7

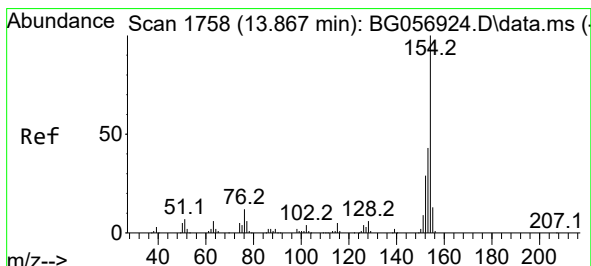
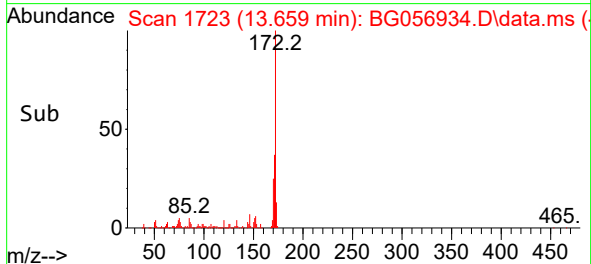
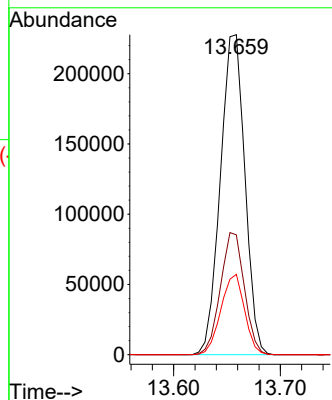
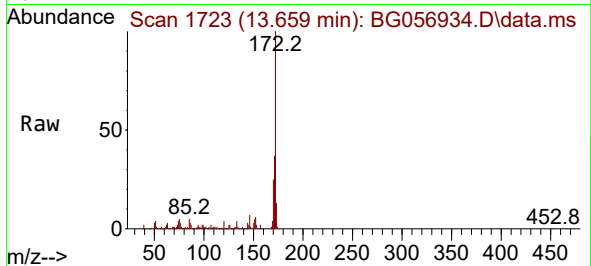




#45
2-Fluorobiphenyl
Concen: 94.346 ng
RT: 13.659 min Scan# 1723
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

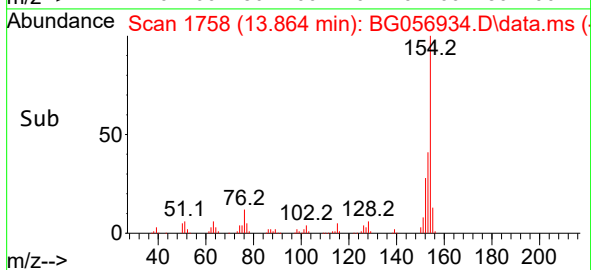
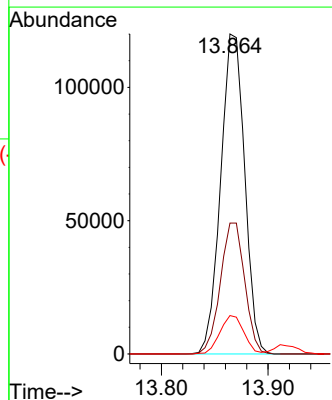
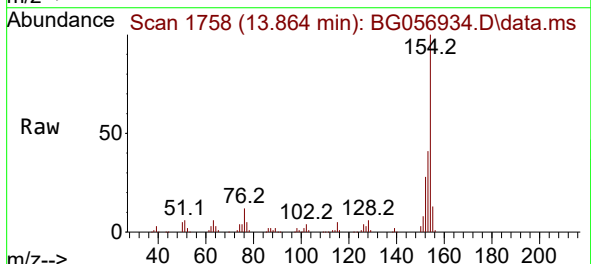
Instrument :
BNA_G
ClientSampleId :
PB151747BS

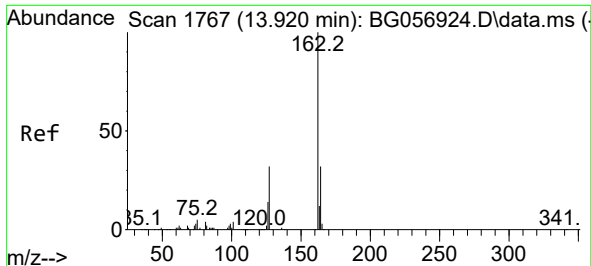
Tgt Ion:172 Resp: 363848
Ion Ratio Lower Upper
172 100
171 37.5 30.6 46.0
170 25.1 20.6 30.8



#46
1,1'-Biphenyl
Concen: 49.015 ng
RT: 13.864 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:154 Resp: 187636
Ion Ratio Lower Upper
154 100
153 40.9 23.4 63.4
76 12.0 0.0 31.6

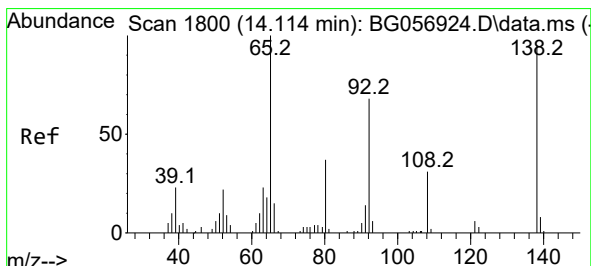
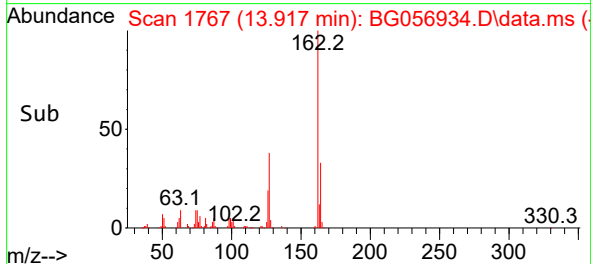
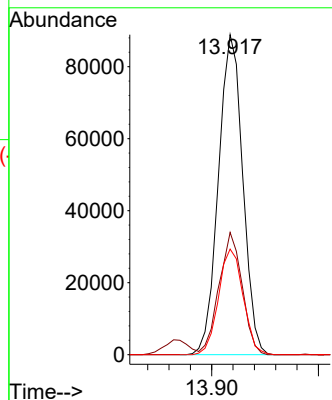
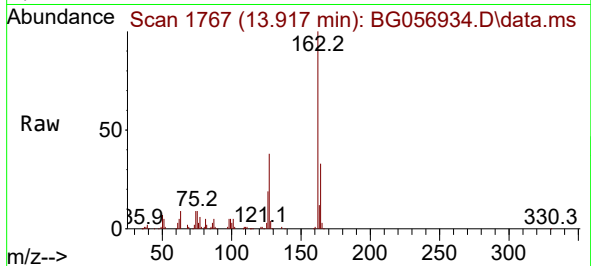




#47
2-Chloronaphthalene
Concen: 49.661 ng
RT: 13.917 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

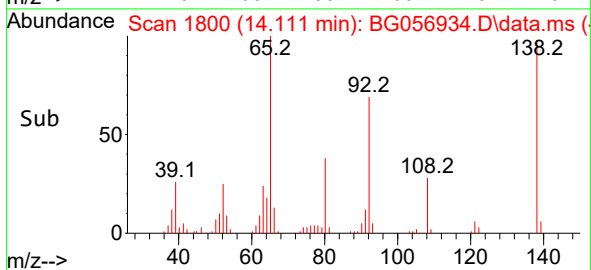
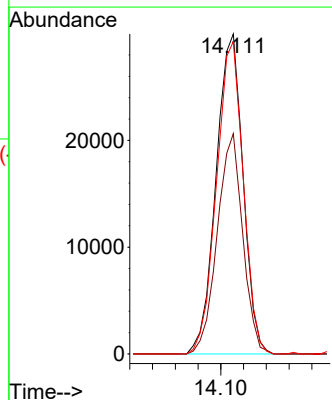
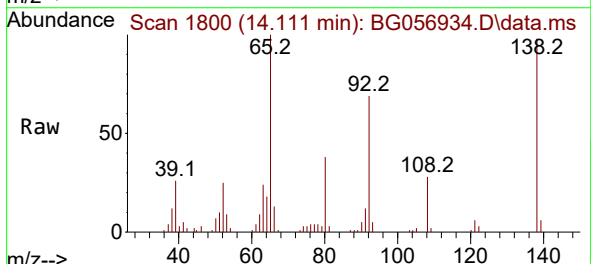
Instrument :
BNA_G
ClientSampleId :
PB151747BS

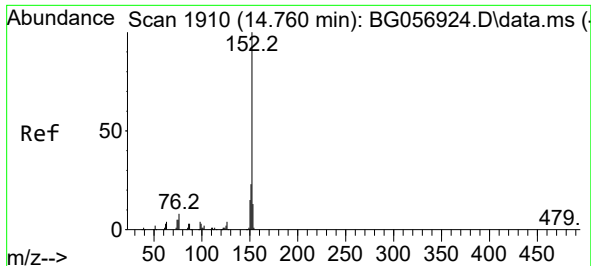
Tgt Ion:162 Resp: 140605
Ion Ratio Lower Upper
162 100
127 38.2 29.5 44.3
164 33.0 25.5 38.3



#48
2-Nitroaniline
Concen: 48.629 ng
RT: 14.111 min Scan# 1800
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 65 Resp: 49231
Ion Ratio Lower Upper
65 100
92 68.8 54.3 81.5
138 97.6 76.0 114.0

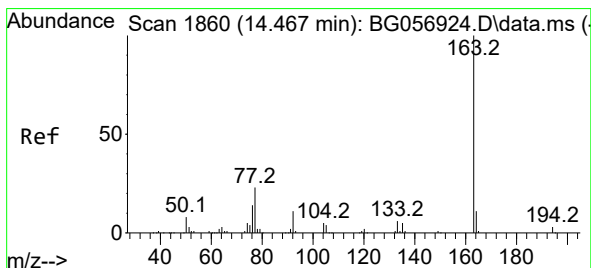
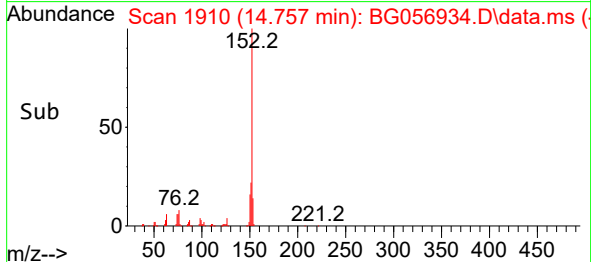
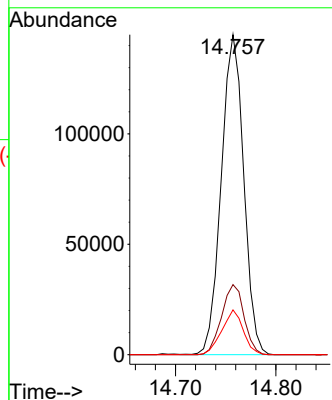
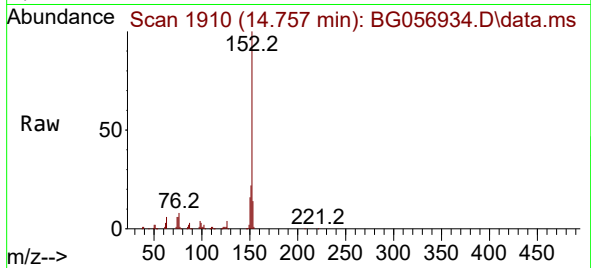




#49
Acenaphthylene
Concen: 48.296 ng
RT: 14.757 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

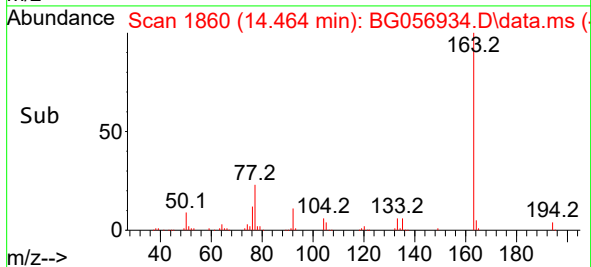
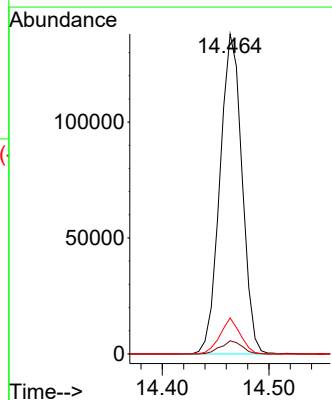
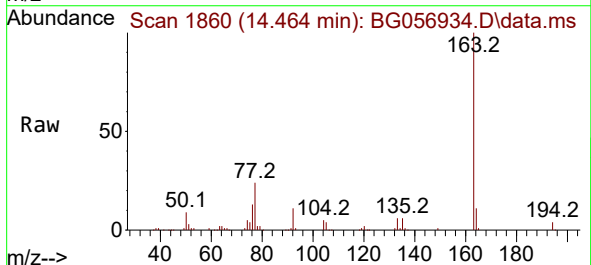
Instrument :
BNA_G
ClientSampleId :
PB151747BS

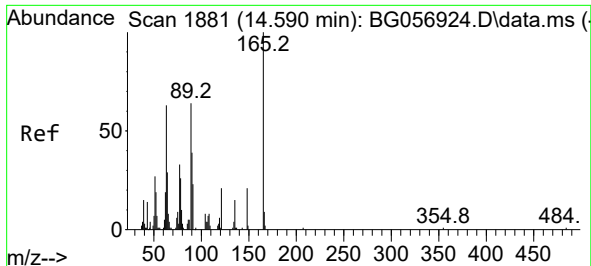
Tgt Ion:152 Resp: 224664
Ion Ratio Lower Upper
152 100
151 21.9 18.2 27.2
153 14.0 10.5 15.7



#50
Dimethylphthalate
Concen: 48.223 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:163 Resp: 198703
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 11.3 8.8 13.2

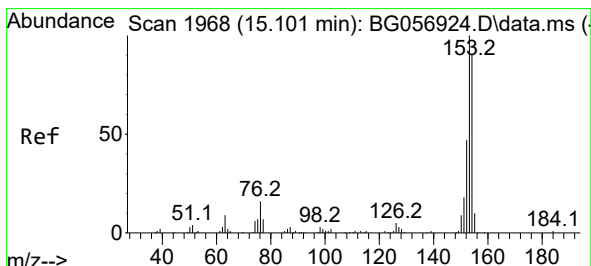
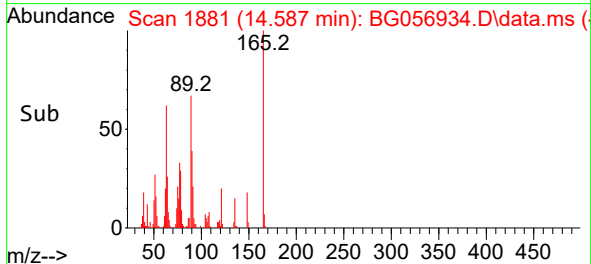
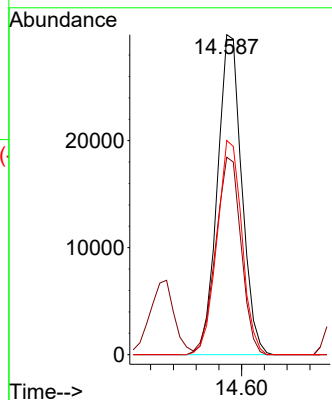
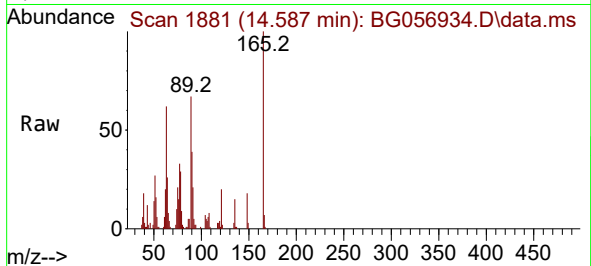




#51
2,6-Dinitrotoluene
Concen: 50.000 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

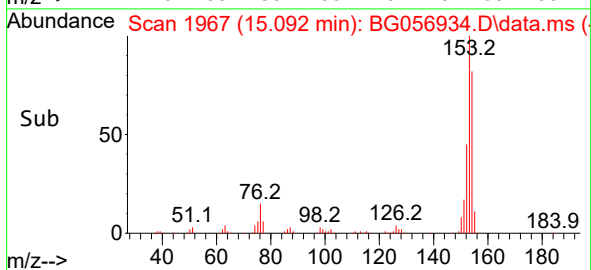
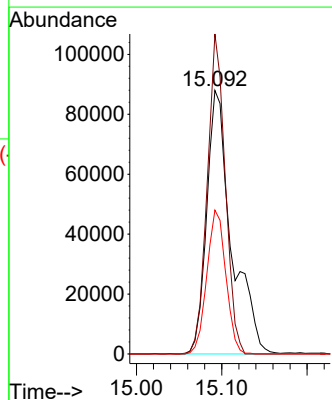
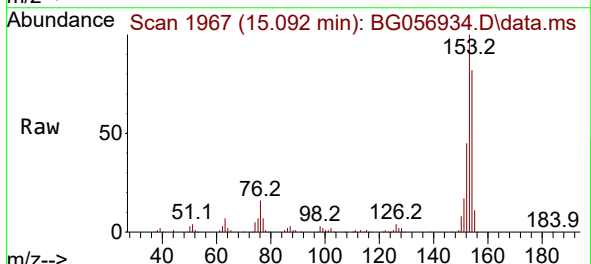
Instrument :
BNA_G
ClientSampleId :
PB151747BS

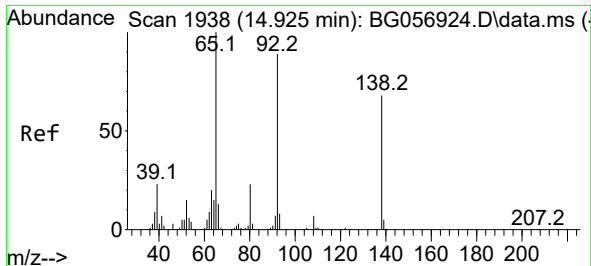
Tgt Ion:165 Resp: 44513
Ion Ratio Lower Upper
165 100
63 61.7 53.0 79.6
89 66.9 51.0 76.4



#52
Acenaphthene
Concen: 55.541 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:154 Resp: 178190
Ion Ratio Lower Upper
154 100
153 121.4 88.9 133.3
152 54.6 41.8 62.8

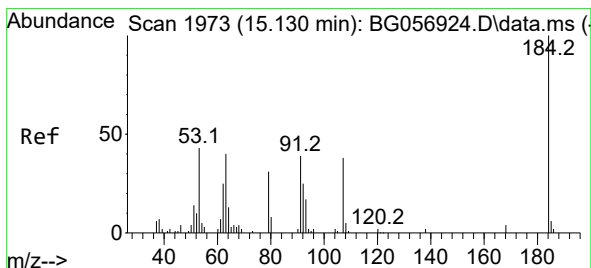
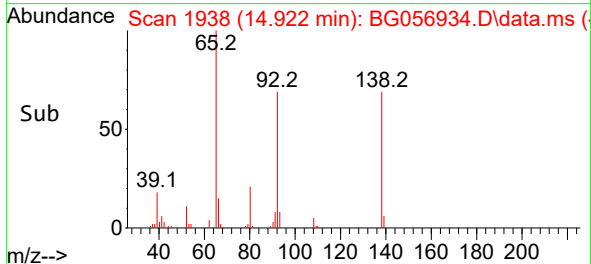
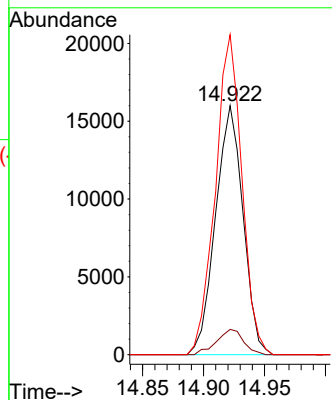
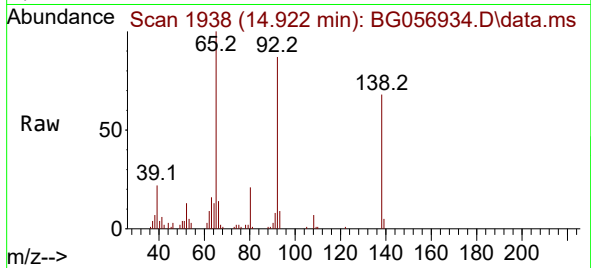




#53
3-Nitroaniline
Concen: 28.442 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

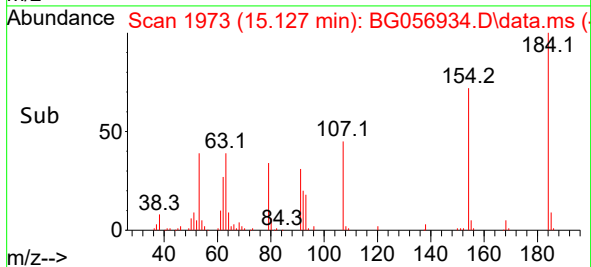
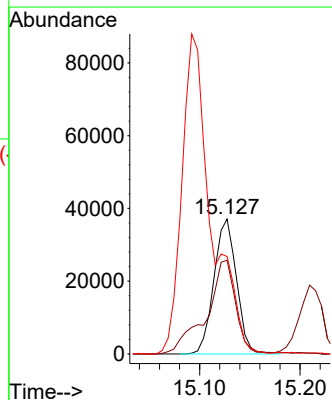
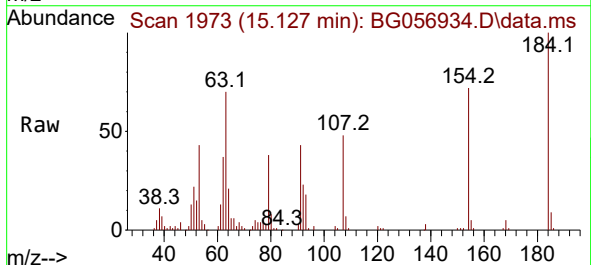
Instrument :
BNA_G
ClientSampleId :
PB151747BS

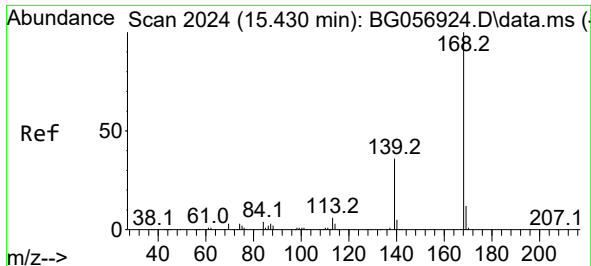
Tgt Ion:138 Resp: 25063
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 128.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 115.717 ng
RT: 15.127 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:184 Resp: 57986
Ion Ratio Lower Upper
184 100
63 69.6 46.5 69.7
154 72.3 53.5 80.3

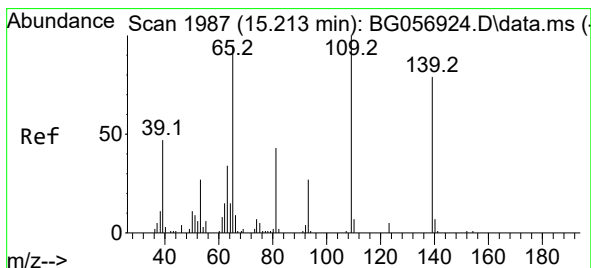
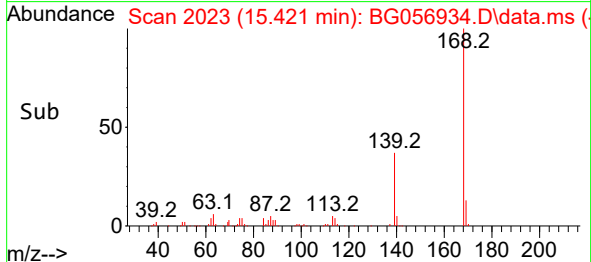
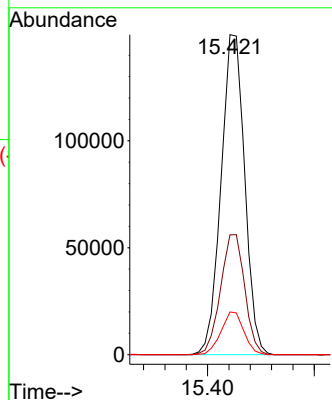
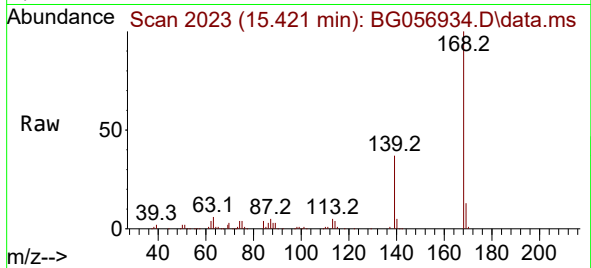




#55
Dibenzofuran
Concen: 47.782 ng
RT: 15.421 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

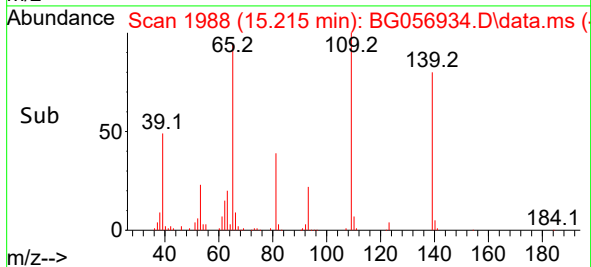
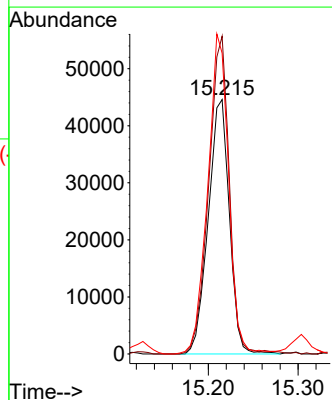
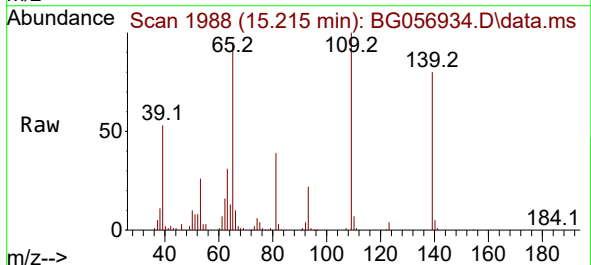
Instrument :
BNA_G
ClientSampleId :
PB151747BS

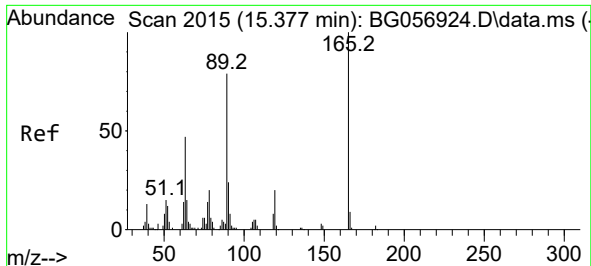
Tgt Ion:168 Resp: 230081
Ion Ratio Lower Upper
168 100
139 37.5 28.9 43.3
169 13.3 9.8 14.6



#56
4-Nitrophenol
Concen: 111.694 ng
RT: 15.215 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:139 Resp: 72782
Ion Ratio Lower Upper
139 100
109 124.9 106.7 146.7
65 118.2 100.5 140.5

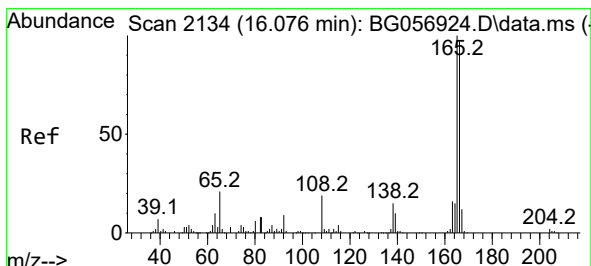
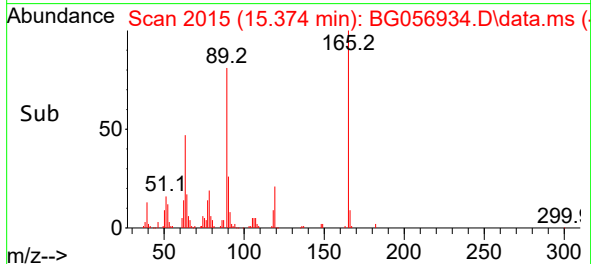
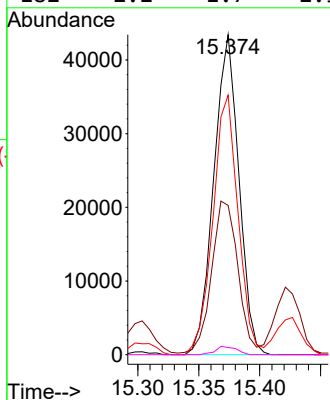
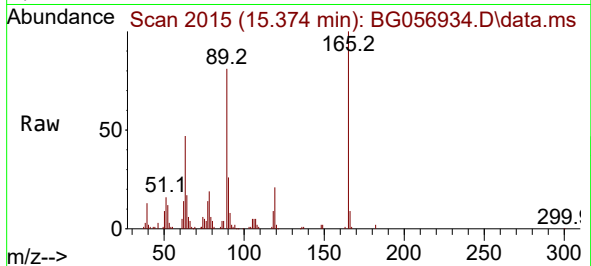




#57
2,4-Dinitrotoluene
Concen: 49.605 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

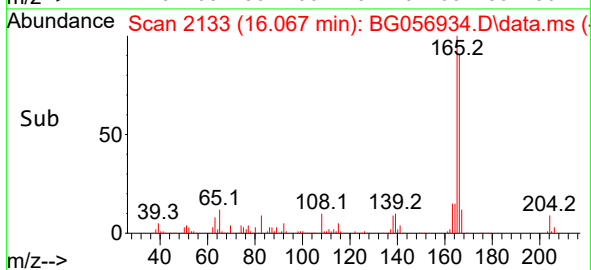
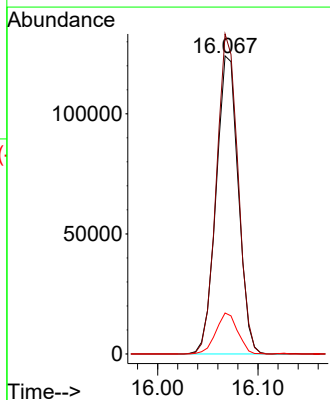
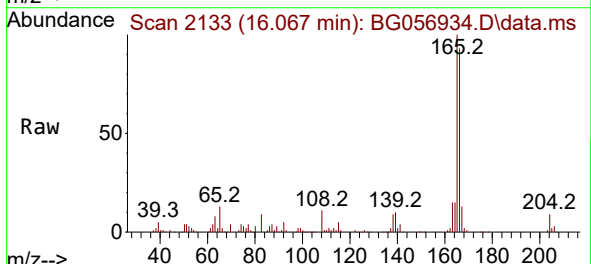
Instrument :
BNA_G
ClientSampleId :
PB151747BS

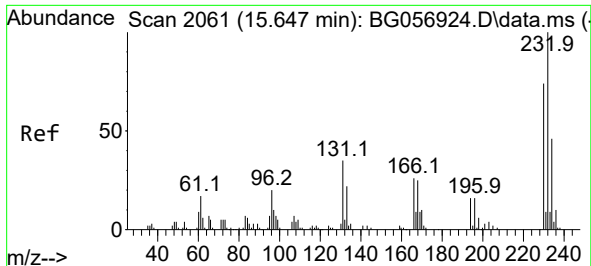
Tgt Ion:	165	Resp:	62286
Ion Ratio	Lower	Upper	
165	100		
63	46.7	37.7	56.5
89	81.1	63.2	94.8
182	2.2	1.7	2.5



#58
Fluorene
Concen: 47.833 ng
RT: 16.067 min Scan# 2133
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:	166	Resp:	190594
Ion Ratio	Lower	Upper	
166	100		
165	107.4	82.6	123.8
167	13.7	10.2	15.2

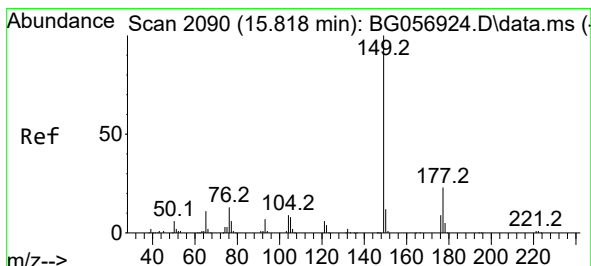
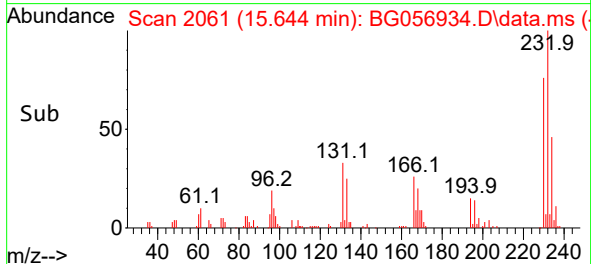
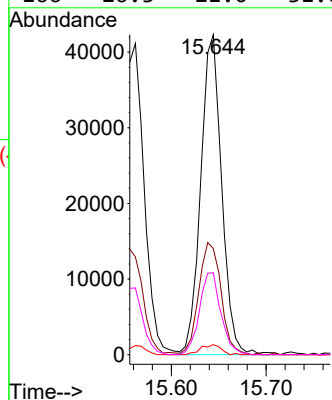
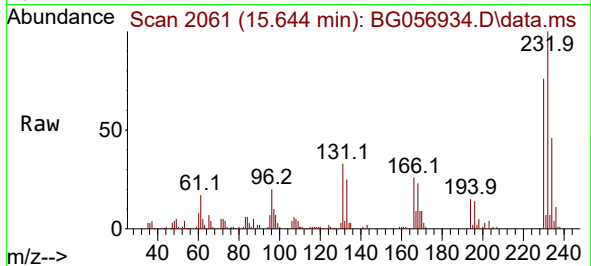




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.121 ng
RT: 15.644 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

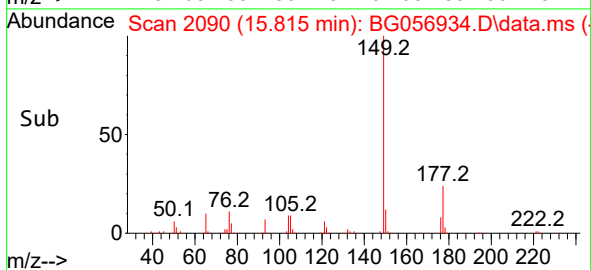
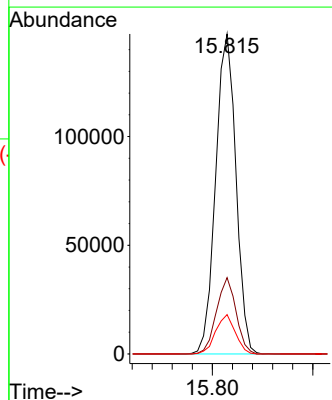
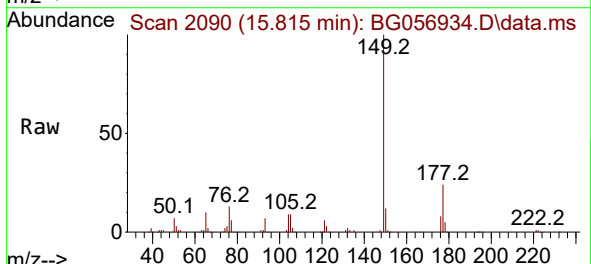
Instrument :
BNA_G
ClientSampleId :
PB151747BS

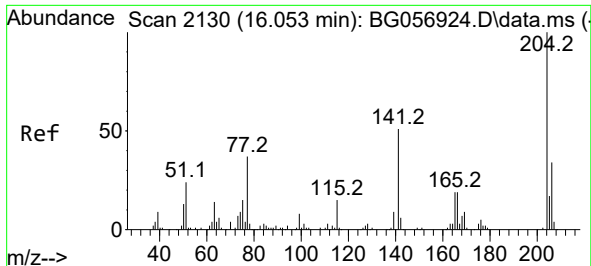
Tgt Ion:232 Resp: 65058
Ion Ratio Lower Upper
232 100
131 37.3 29.3 43.9
130 3.1 1.7 2.5#
166 26.3 21.0 31.6



#60
Diethylphthalate
Concen: 49.956 ng
RT: 15.815 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:149 Resp: 206357
Ion Ratio Lower Upper
149 100
177 23.8 18.8 28.2
150 12.3 9.4 14.2

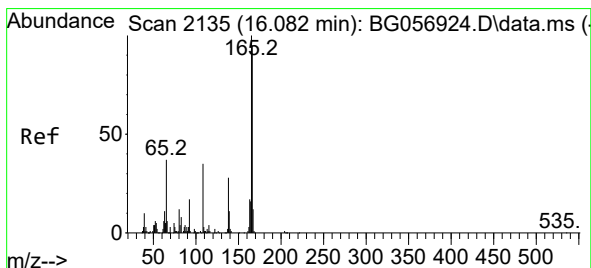
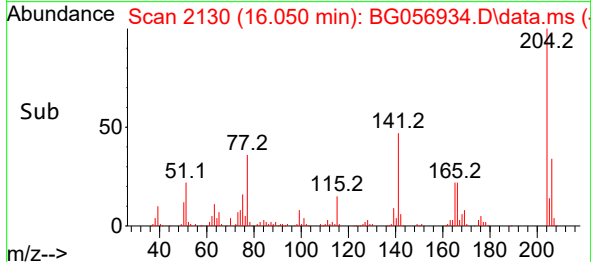
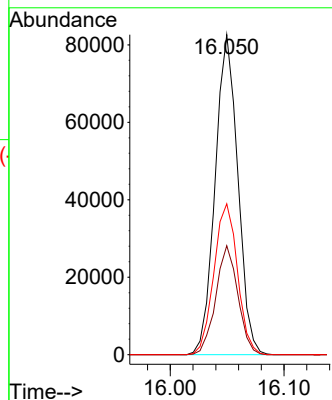
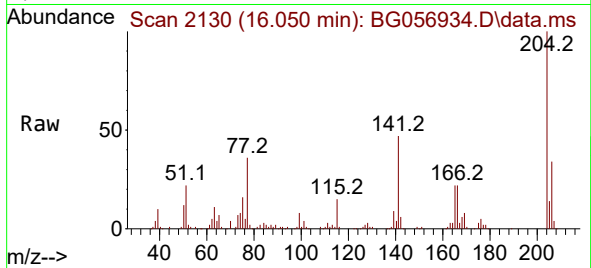




#61
4-Chlorophenyl-phenylether
Concen: 48.823 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

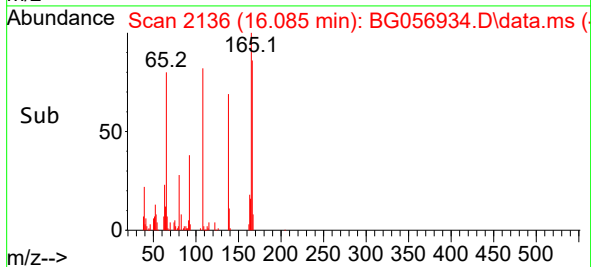
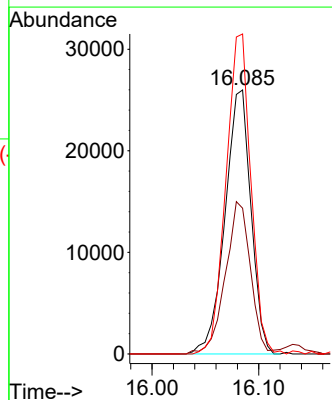
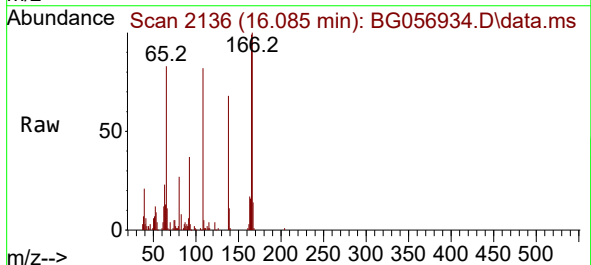
Instrument :
BNA_G
ClientSampleId :
PB151747BS

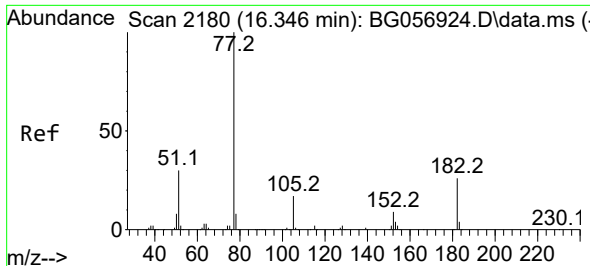
Tgt Ion:204 Resp: 114218
Ion Ratio Lower Upper
204 100
206 34.0 27.2 40.8
141 47.2 40.7 61.1



#62
4-Nitroaniline
Concen: 48.113 ng
RT: 16.085 min Scan# 2136
Delta R.T. 0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:138 Resp: 43927
Ion Ratio Lower Upper
138 100
92 55.2 40.9 80.9
108 121.2 104.3 144.3

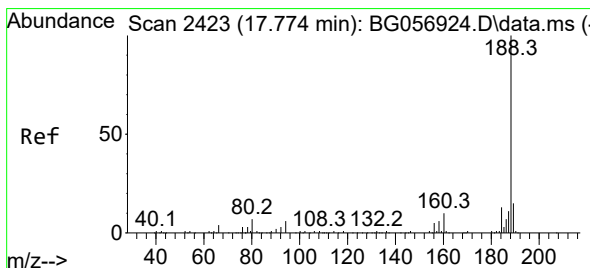
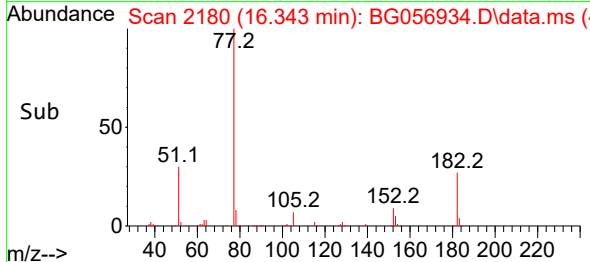
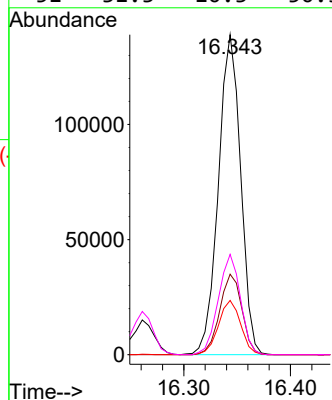
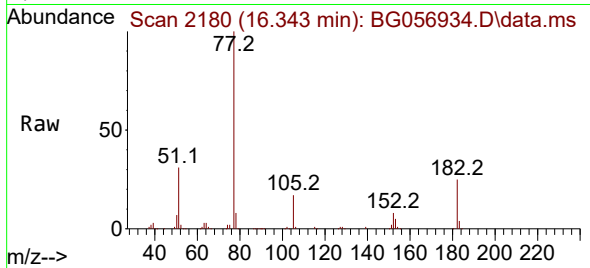




#63
Azobenzene
Concen: 48.902 ng
RT: 16.343 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

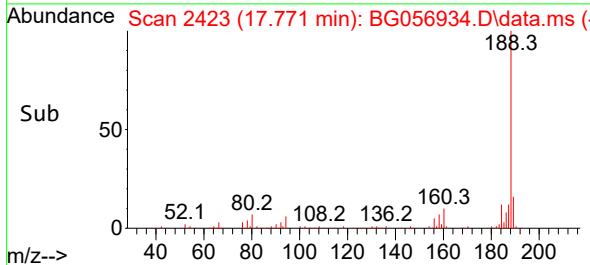
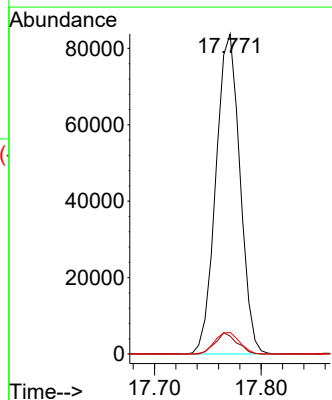
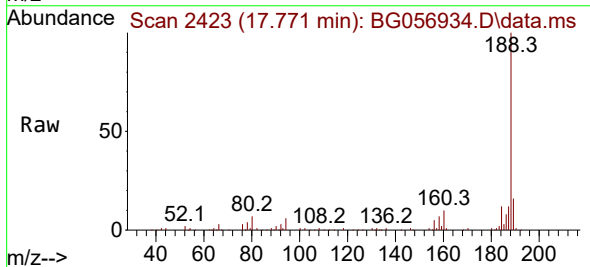
Instrument :
BNA_G
ClientSampleId :
PB151747BS

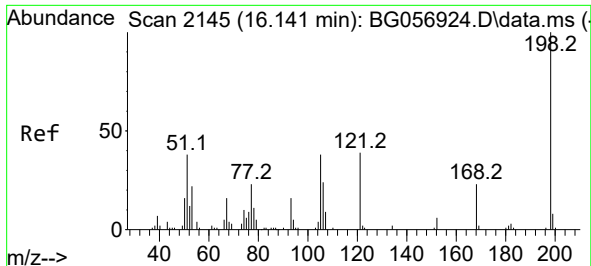
Tgt Ion: 77 Resp: 201314
Ion Ratio Lower Upper
77 100
182 25.1 5.9 45.9
105 17.0 0.0 36.8
51 31.3 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion: 188 Resp: 131095
Ion Ratio Lower Upper
188 100
94 5.6 4.6 6.8
80 6.7 5.5 8.3

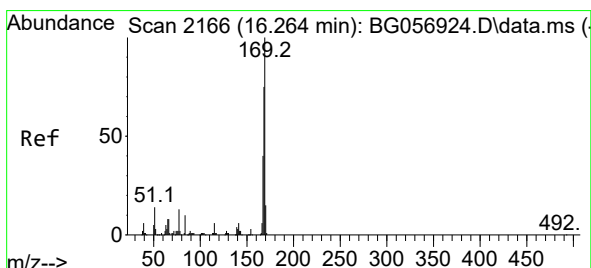
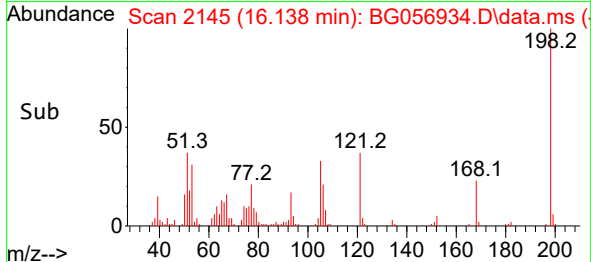
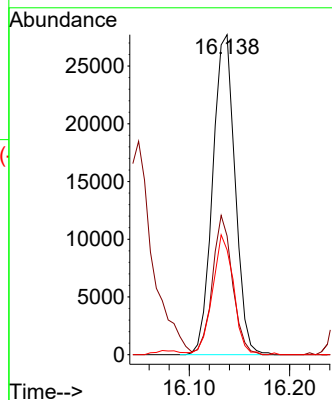
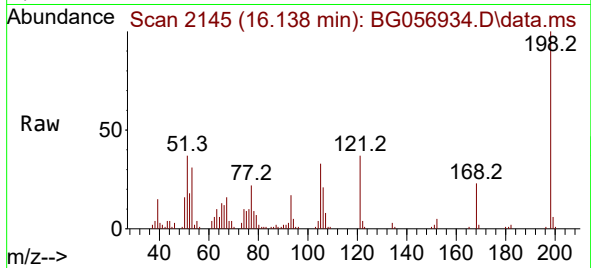




#65
4,6-Dinitro-2-methylphenol
Concen: 53.980 ng
RT: 16.138 min Scan# 2145
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

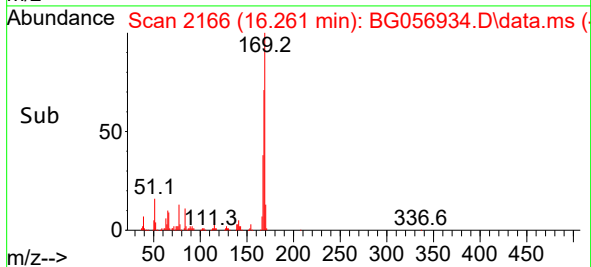
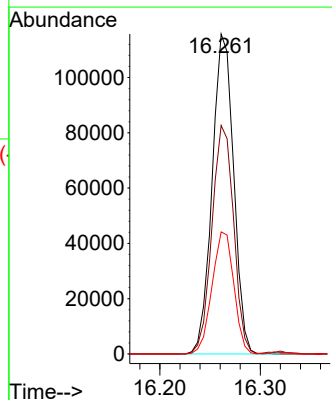
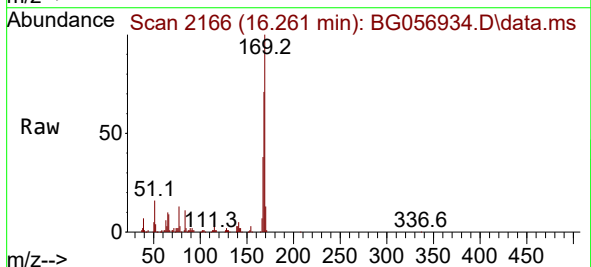
Instrument :
BNA_G
ClientSampleId :
PB151747BS

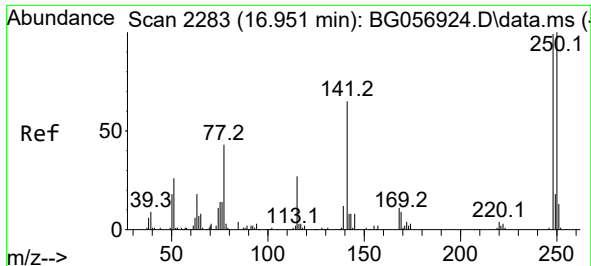
Tgt Ion:198 Resp: 42858
Ion Ratio Lower Upper
198 100
51 37.1 20.5 60.5
105 32.7 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 48.854 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:169 Resp: 171923
Ion Ratio Lower Upper
169 100
168 71.4 59.6 89.4
167 38.2 31.8 47.8

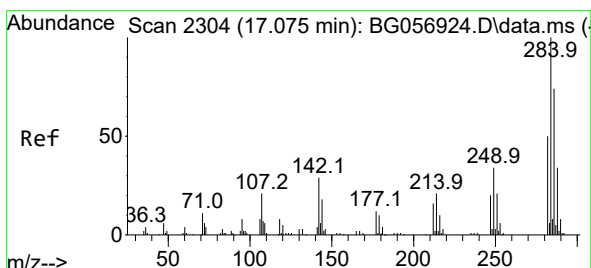
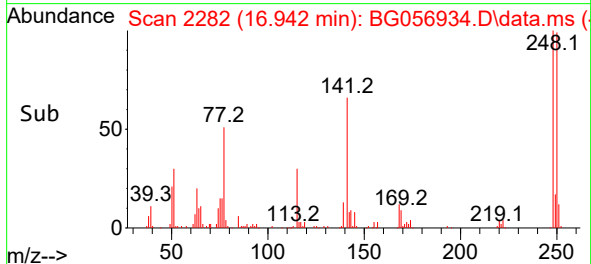
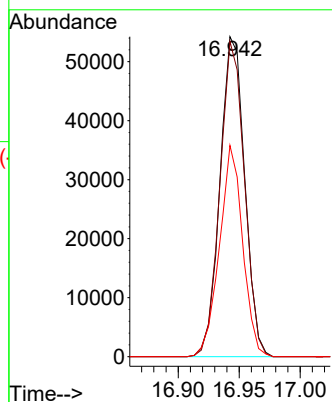
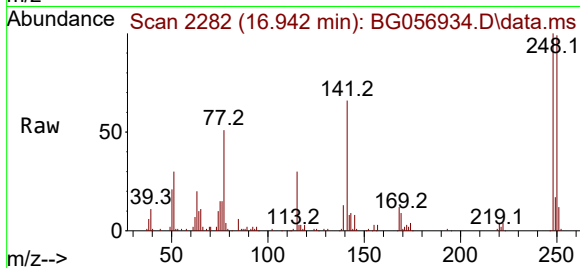




#67
4-Bromophenyl-phenylether
Concen: 47.199 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

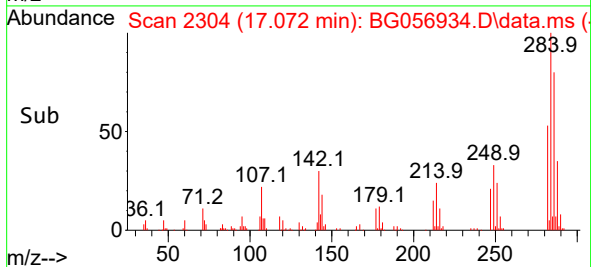
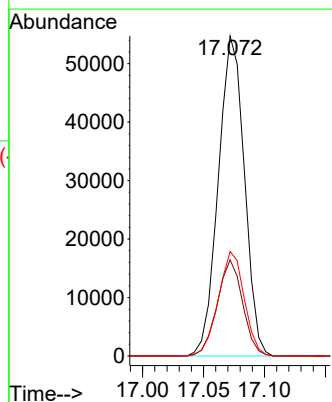
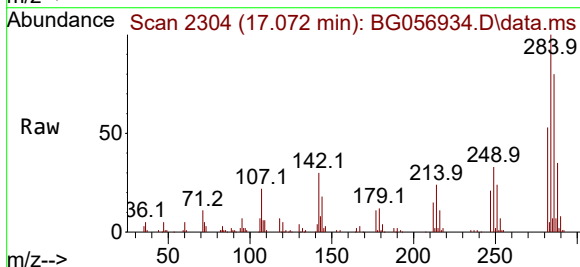
Instrument :
BNA_G
ClientSampleId :
PB151747BS

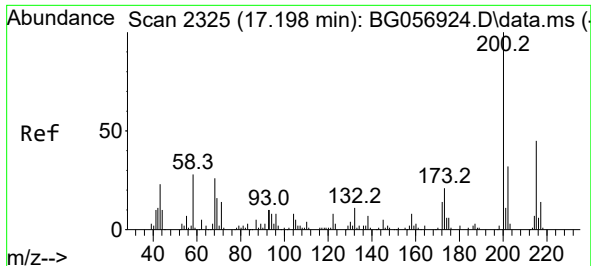
Tgt Ion:248 Resp: 76560
Ion Ratio Lower Upper
248 100
250 98.5 80.5 120.7
141 66.0 52.0 78.0



#68
Hexachlorobenzene
Concen: 50.773 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:284 Resp: 81422
Ion Ratio Lower Upper
284 100
142 30.1 23.0 34.4
249 32.6 27.1 40.7

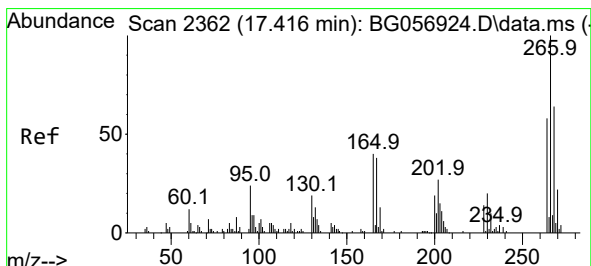
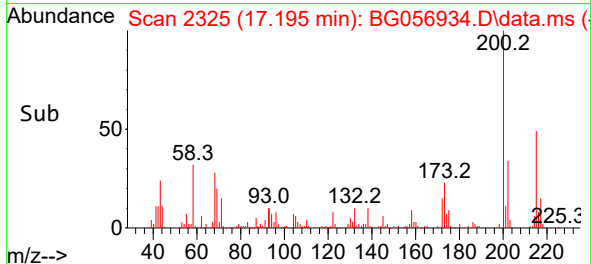
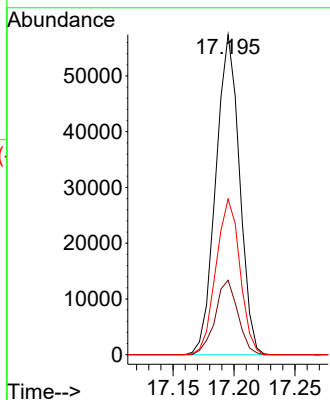
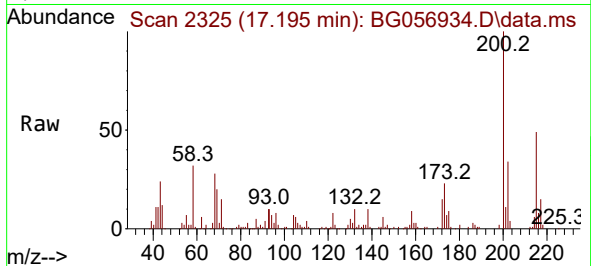




#69
 Atrazine
 Concen: 53.160 ng
 RT: 17.195 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056934.D
 Acq: 30 Mar 2023 22:16

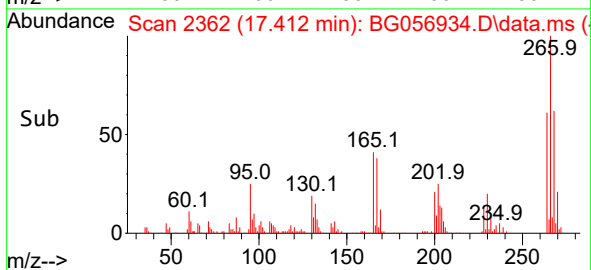
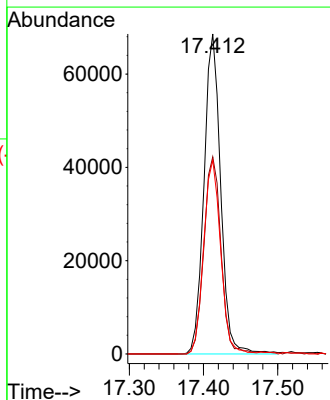
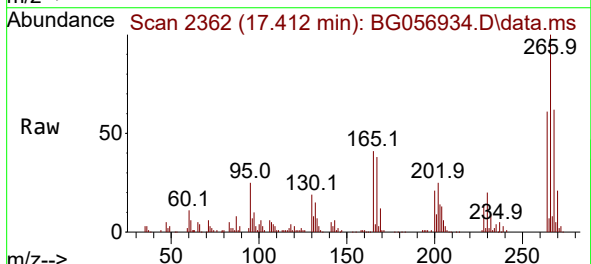
Instrument :
 BNA_G
 ClientSampleId :
 PB151747BS

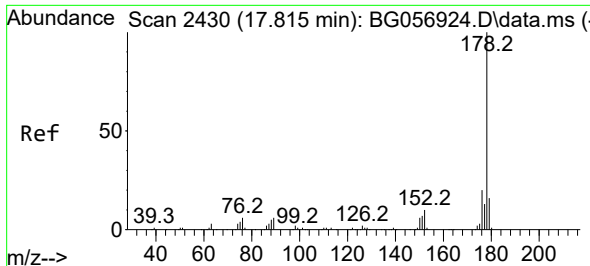
Tgt Ion:200 Resp: 77657
 Ion Ratio Lower Upper
 200 100
 173 23.3 1.0 41.0
 215 48.6 25.0 65.0



#70
 Pentachlorophenol
 Concen: 93.266 ng
 RT: 17.412 min Scan# 2362
 Delta R.T. -0.003 min
 Lab File: BG056934.D
 Acq: 30 Mar 2023 22:16

Tgt Ion:266 Resp: 107302
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.0 76.6
 264 60.6 46.8 70.2

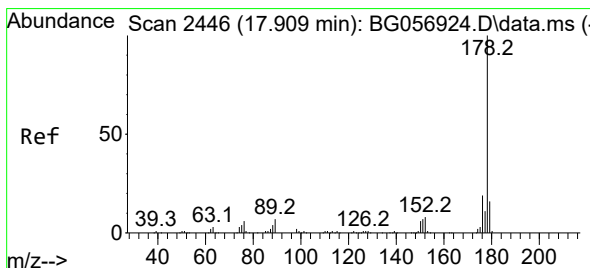
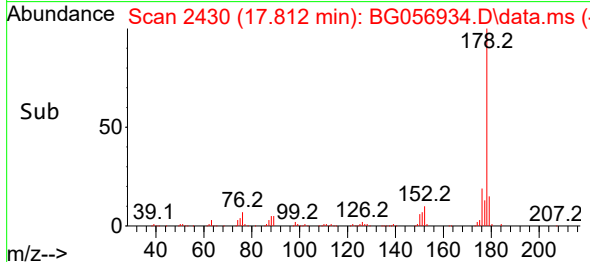
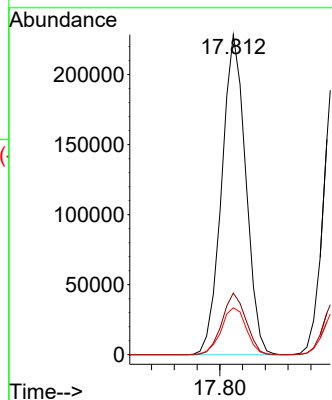
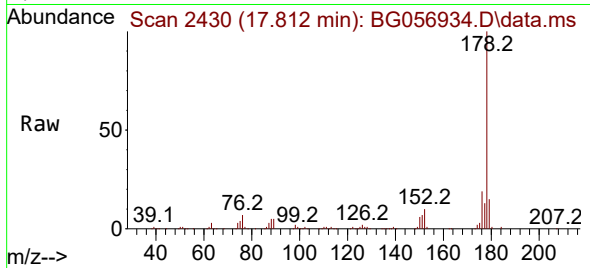




#71
Phenanthrene
Concen: 50.118 ng
RT: 17.812 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

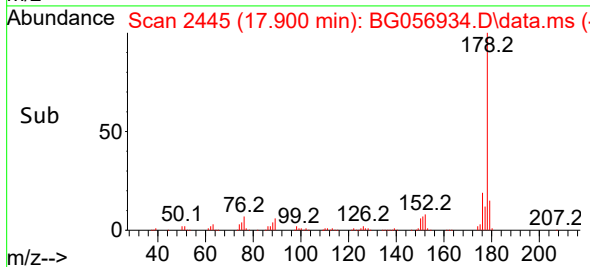
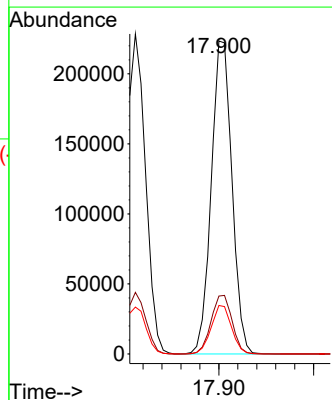
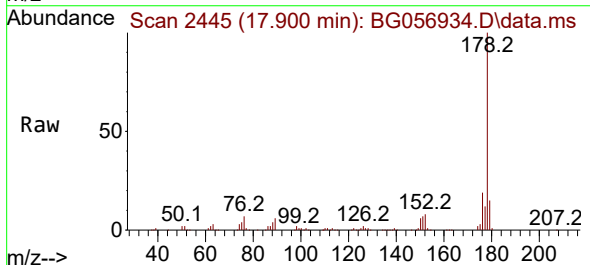
Instrument :
BNA_G
ClientSampleId :
PB151747BS

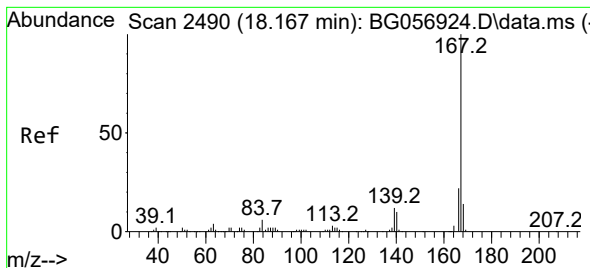
Tgt Ion:178 Resp: 334979
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 14.7 12.5 18.7



#72
Anthracene
Concen: 49.394 ng
RT: 17.900 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:178 Resp: 338442
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 50.633 ng

RT: 18.164 min Scan# 2490

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

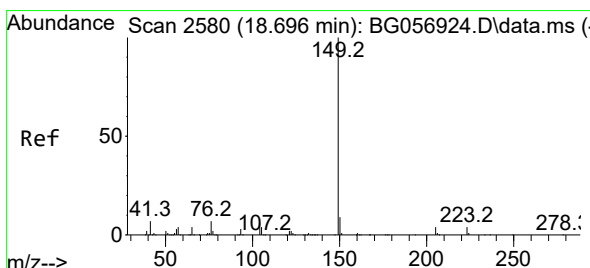
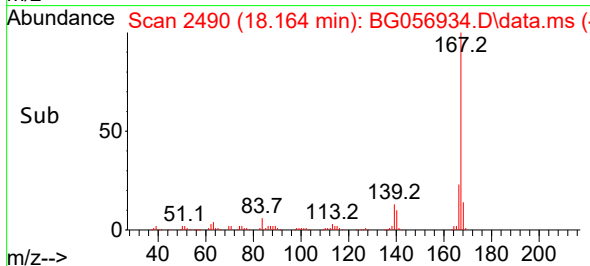
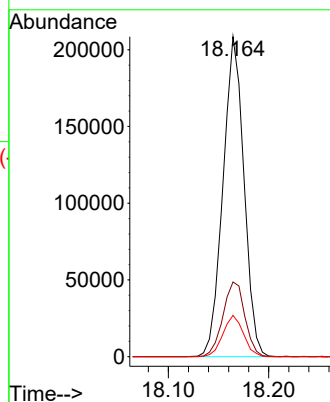
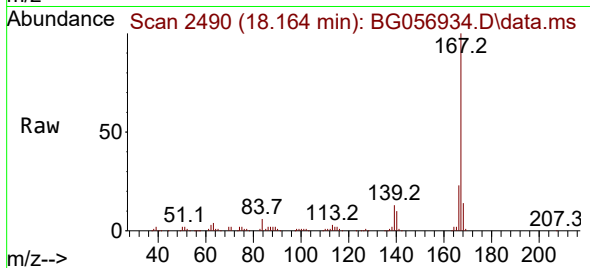
Tgt Ion:167 Resp: 302474

Ion Ratio Lower Upper

167 100

166 23.3 17.9 26.9

139 12.9 9.5 14.3



#74

Di-n-butylphthalate

Concen: 50.944 ng

RT: 18.687 min Scan# 2579

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

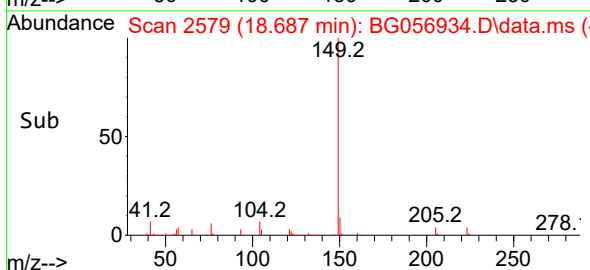
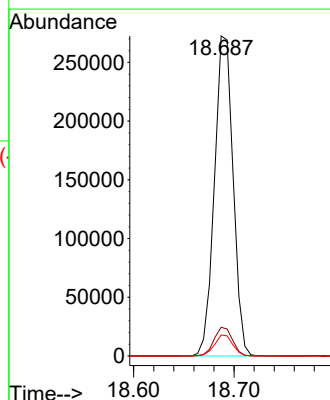
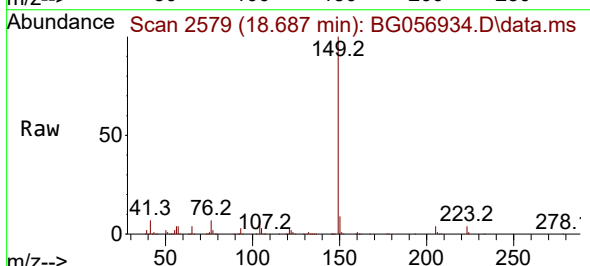
Tgt Ion:149 Resp: 352414

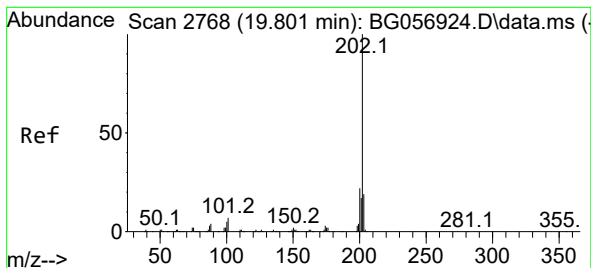
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 6.6 4.9 7.3





#75

Fluoranthene

Concen: 49.896 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

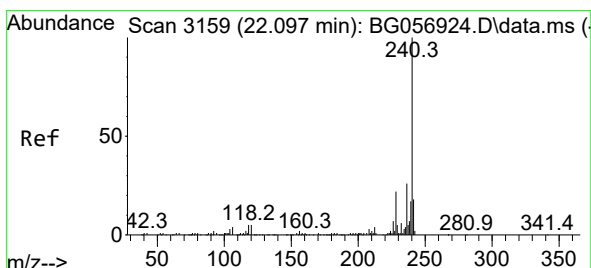
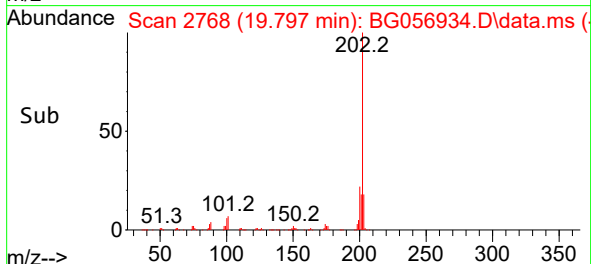
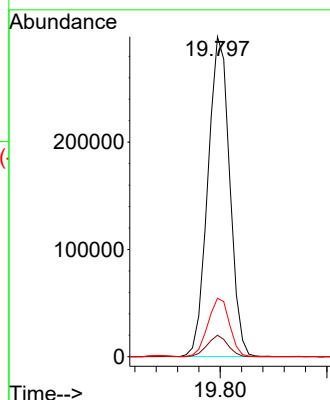
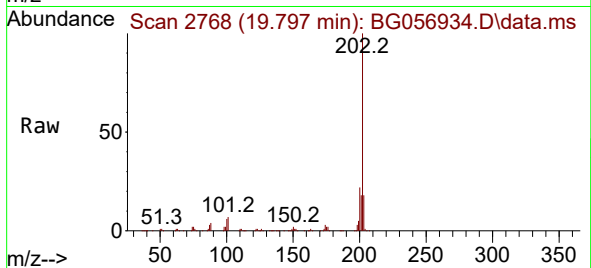
Tgt Ion:202 Resp: 422762

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.7

203 18.3 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.094 min Scan# 3159

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

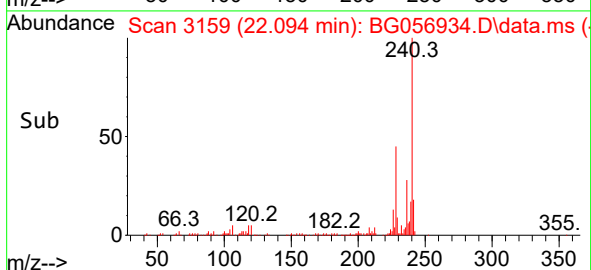
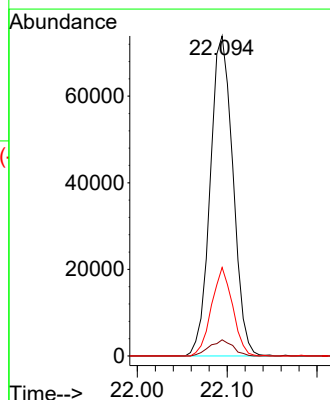
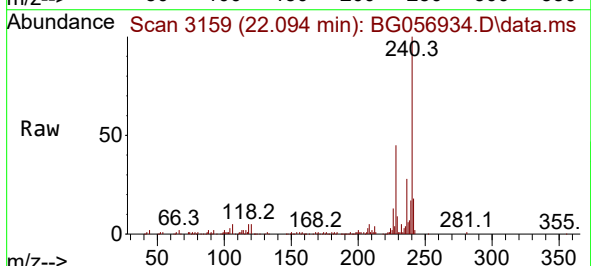
Tgt Ion:240 Resp: 129747

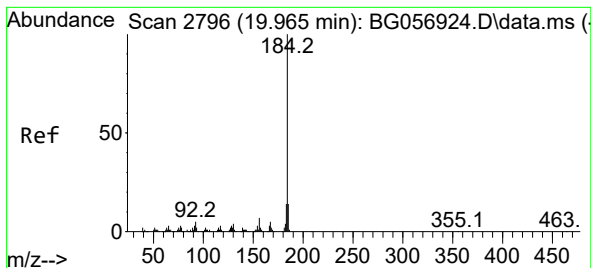
Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

236 27.6 21.0 31.6





#77

Benzidine

Concen: 43.421 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

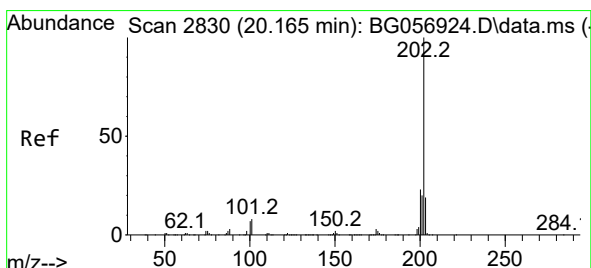
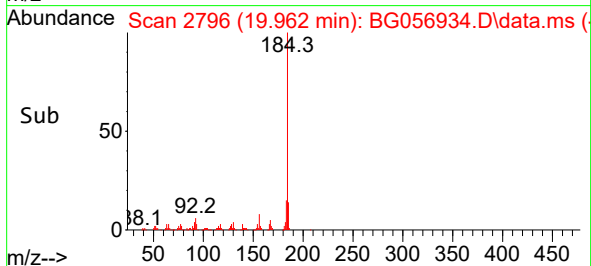
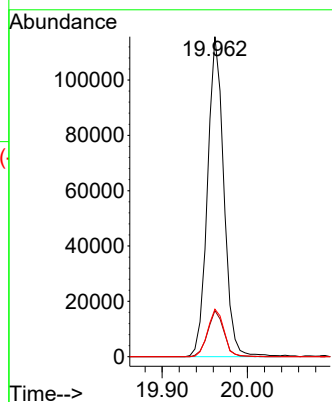
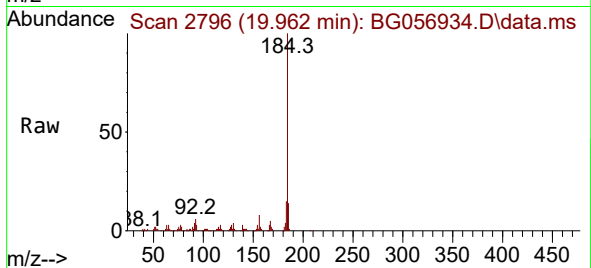
Tgt Ion:184 Resp: 153988

Ion Ratio Lower Upper

184 100

185 14.4 11.0 16.4

183 14.8 11.4 17.0



#78

Pyrene

Concen: 48.055 ng

RT: 20.162 min Scan# 2830

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

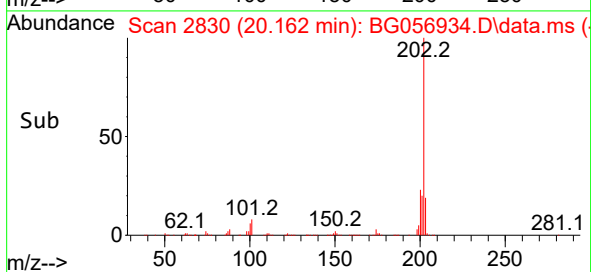
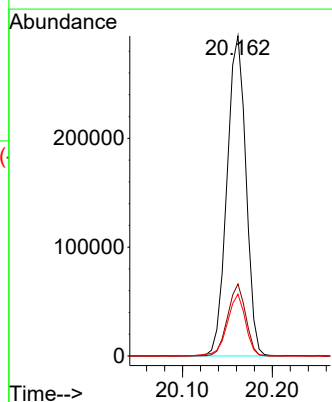
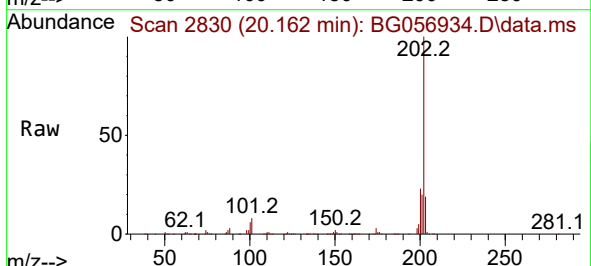
Tgt Ion:202 Resp: 431243

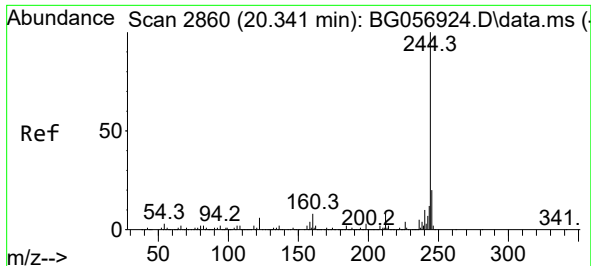
Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

203 19.3 15.4 23.2

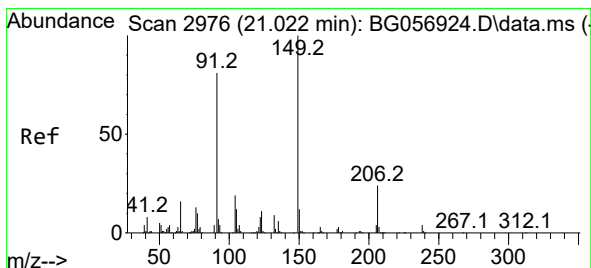
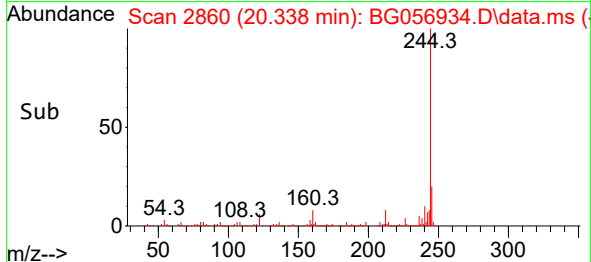
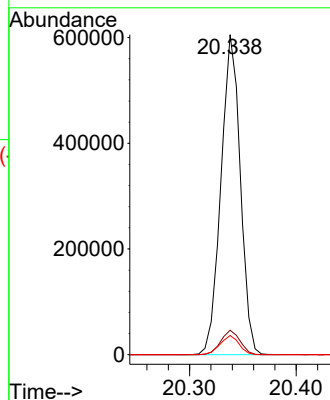
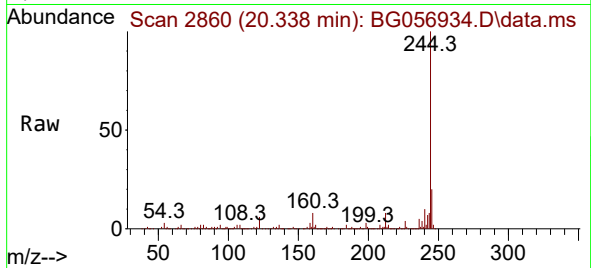




#79
 Terphenyl-d14
 Concen: 99.185 ng
 RT: 20.338 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056934.D
 Acq: 30 Mar 2023 22:16

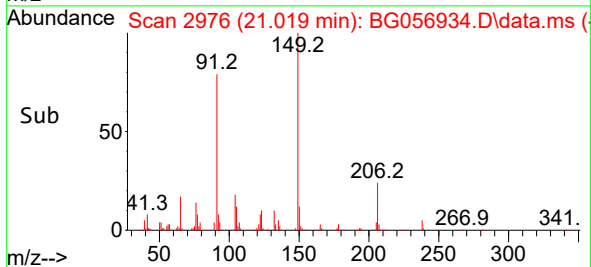
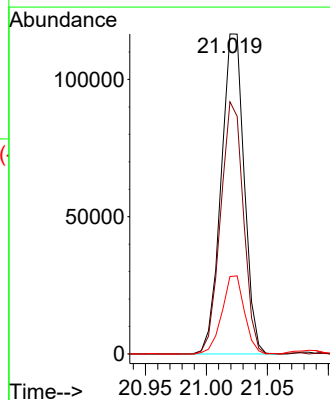
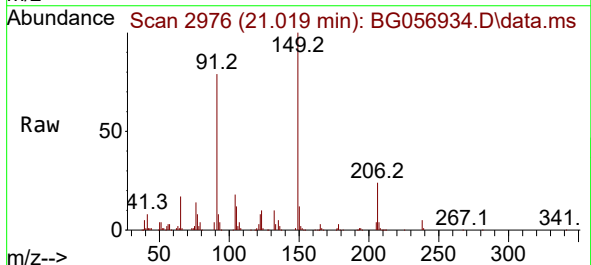
Instrument :
 BNA_G
 ClientSampleId :
 PB151747BS

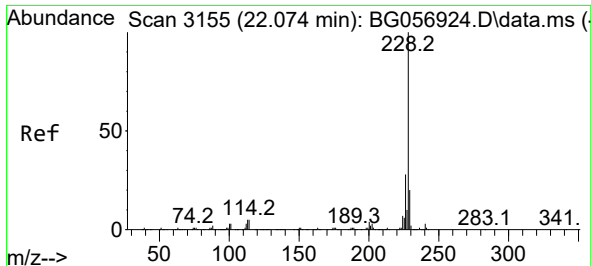
Tgt Ion:244 Resp: 760501
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 49.660 ng
 RT: 21.019 min Scan# 2976
 Delta R.T. -0.003 min
 Lab File: BG056934.D
 Acq: 30 Mar 2023 22:16

Tgt Ion:149 Resp: 153355
 Ion Ratio Lower Upper
 149 100
 91 78.8 64.4 96.6
 206 24.2 18.9 28.3

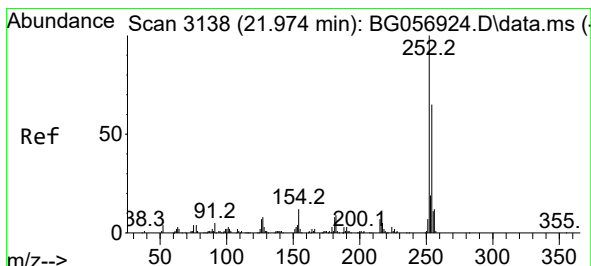
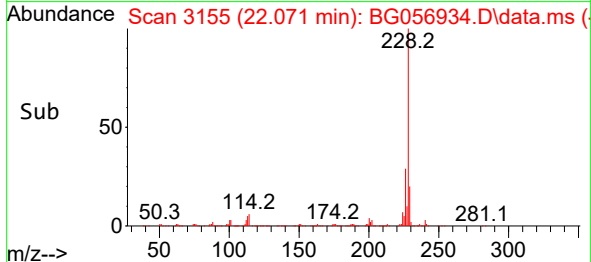
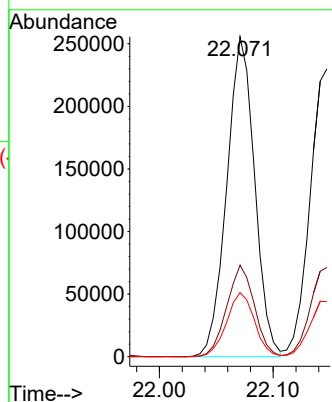
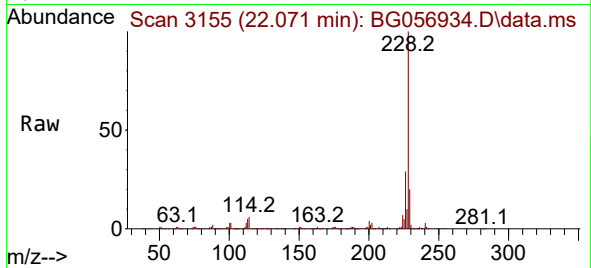




#81
Benzo(a)anthracene
Concen: 48.405 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

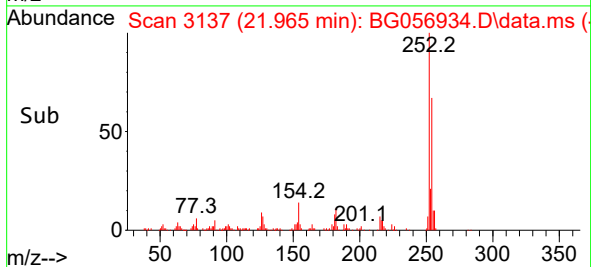
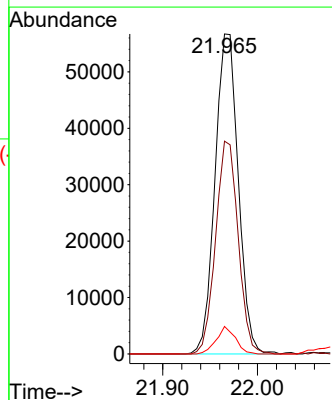
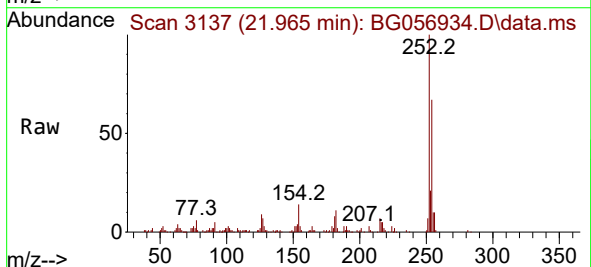
Instrument :
BNA_G
ClientSampleId :
PB151747BS

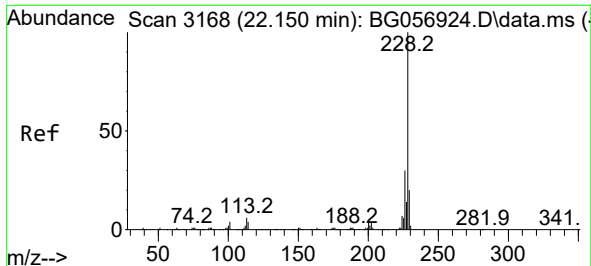
Tgt Ion:228 Resp: 434599
Ion Ratio Lower Upper
228 100
226 28.6 22.1 33.1
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 31.892 ng
RT: 21.965 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:252 Resp: 96691
Ion Ratio Lower Upper
252 100
254 66.5 51.7 77.5
126 8.6 5.6 8.4#

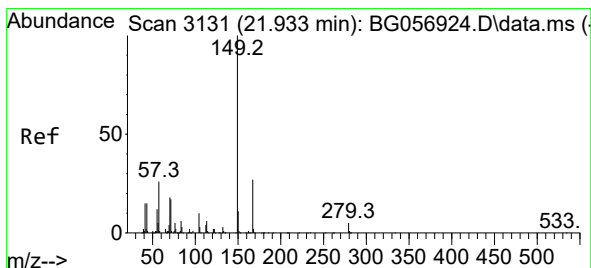
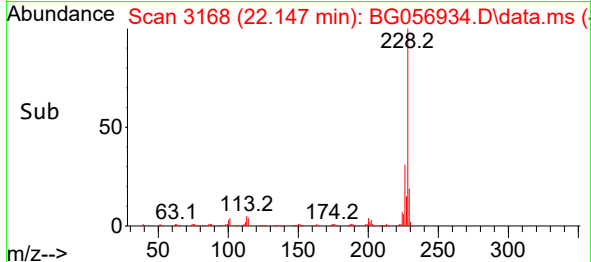
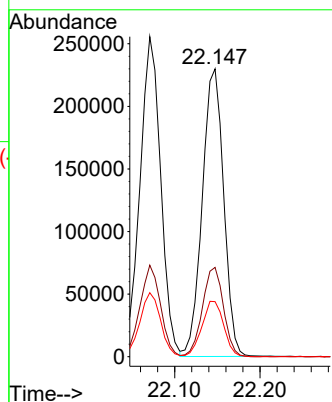
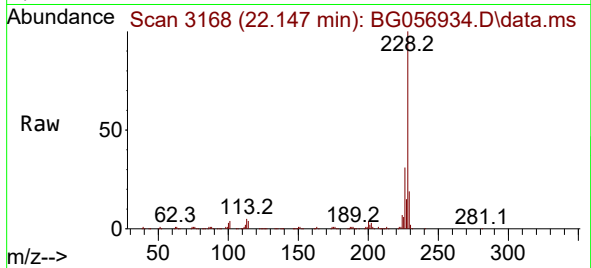




#83
Chrysene
Concen: 47.732 ng
RT: 22.147 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

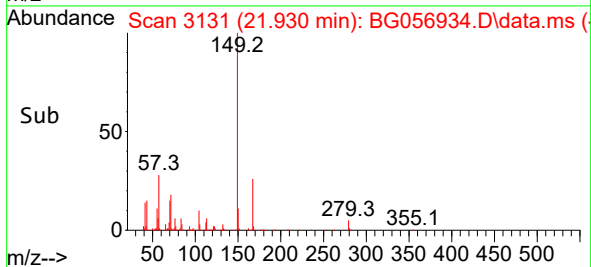
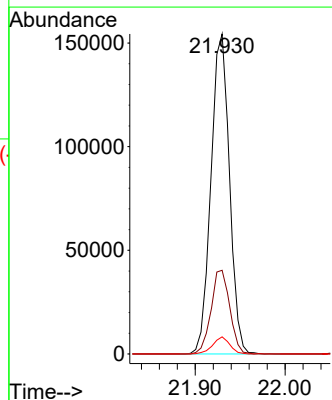
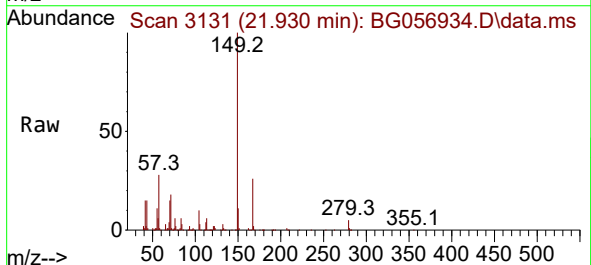
Instrument :
BNA_G
ClientSampleId :
PB151747BS

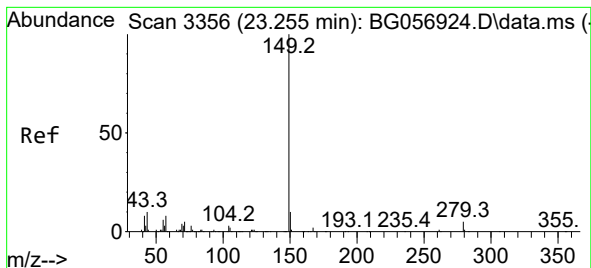
Tgt Ion:228 Resp: 401269
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 19.1 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.276 ng
RT: 21.930 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:149 Resp: 220348
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 5.4 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 50.457 ng

RT: 23.246 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

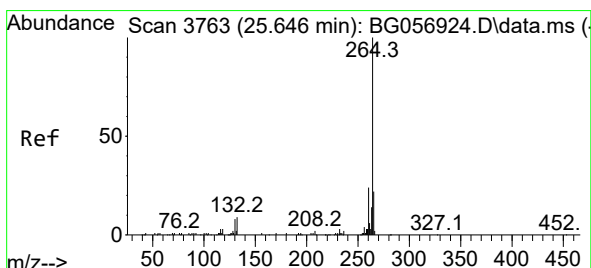
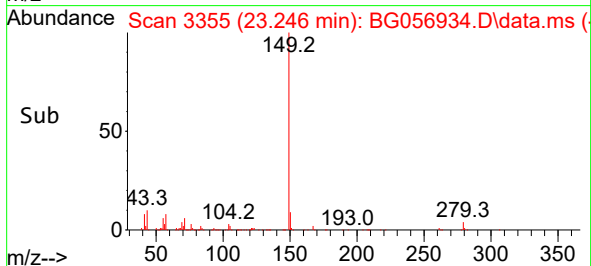
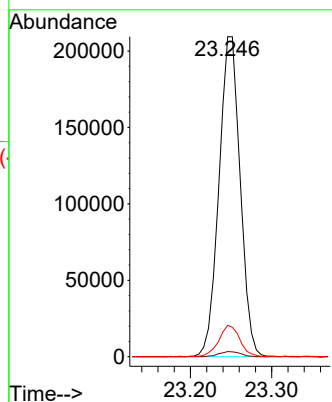
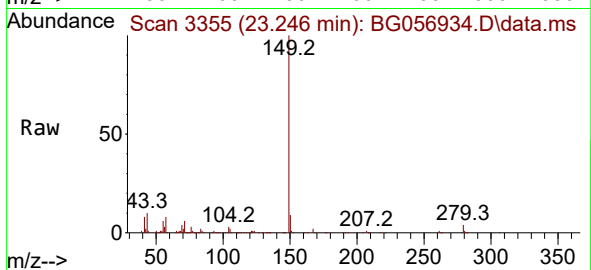
Tgt Ion:149 Resp: 380224

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: 25.642 min Scan# 3763

Delta R.T. -0.003 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

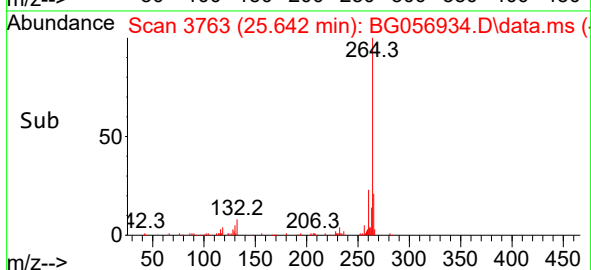
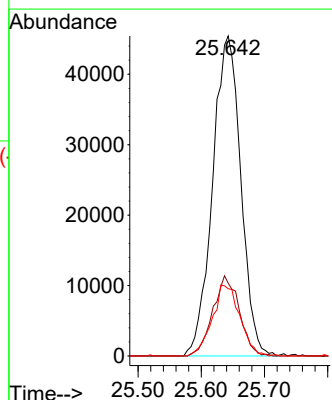
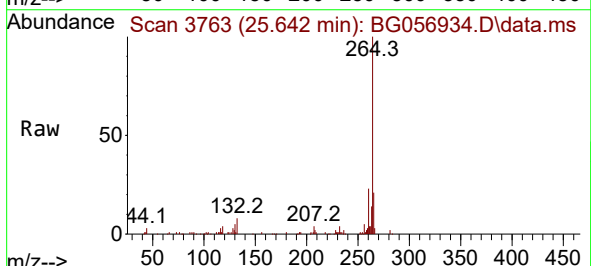
Tgt Ion:264 Resp: 141097

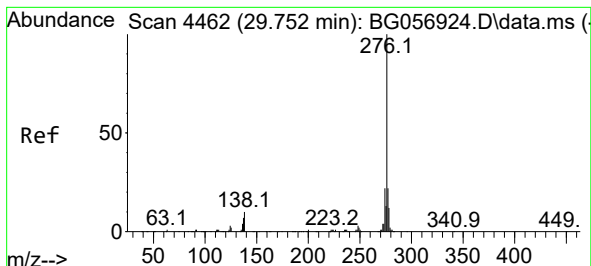
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 21.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.257 ng

RT: 29.743 min Scan# 4461

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

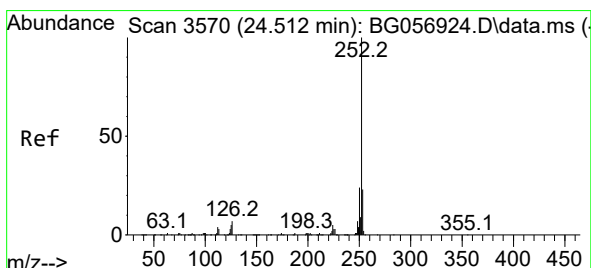
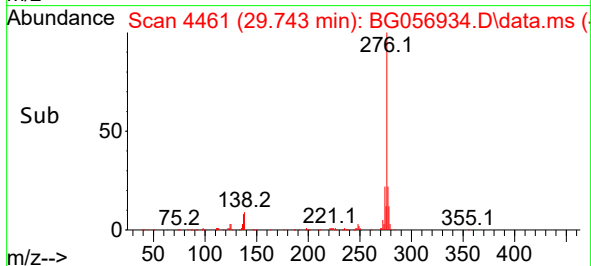
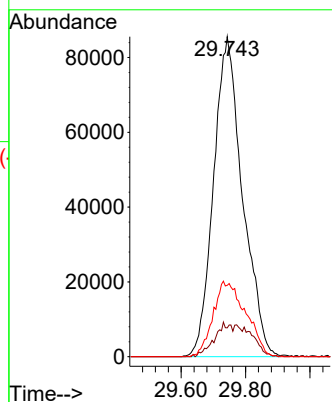
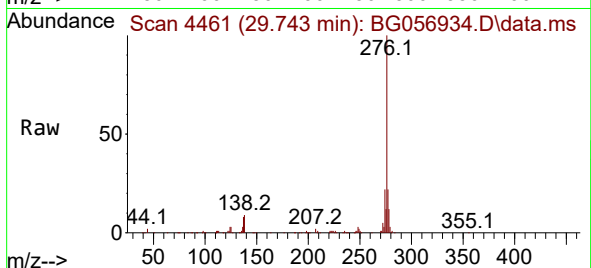
Tgt Ion:276 Resp: 534496

Ion Ratio Lower Upper

276 100

138 4.9 7.7 11.5#

277 26.5 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 52.221 ng

RT: 24.503 min Scan# 3569

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

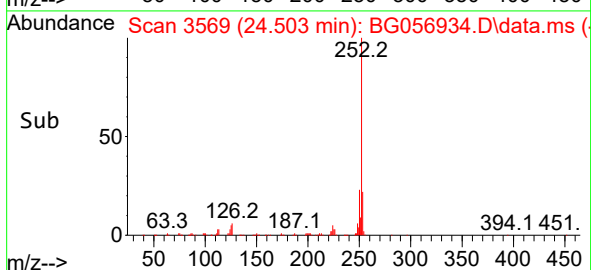
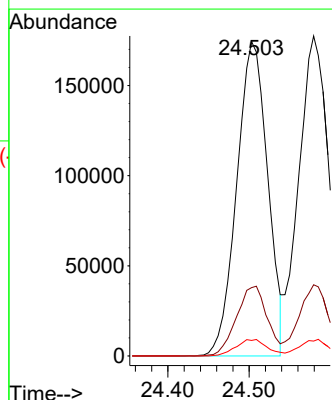
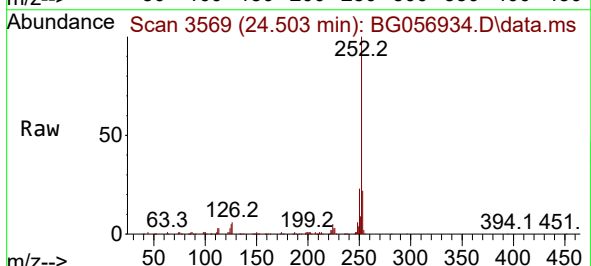
Tgt Ion:252 Resp: 460754

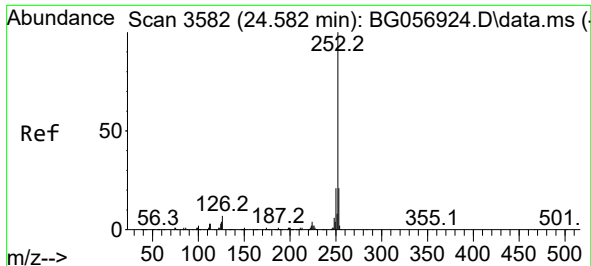
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 4.9 4.2 6.4

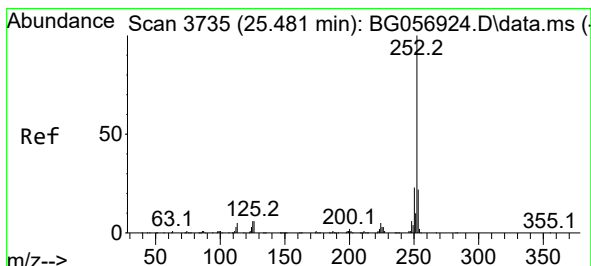
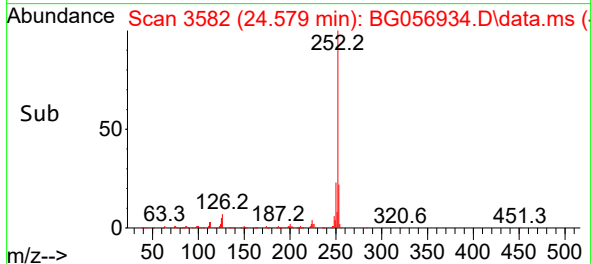
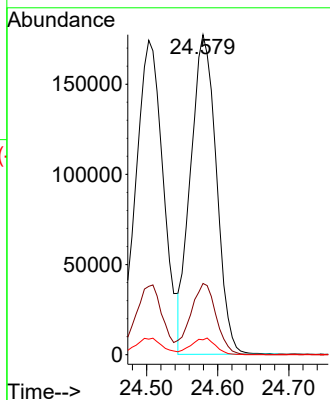
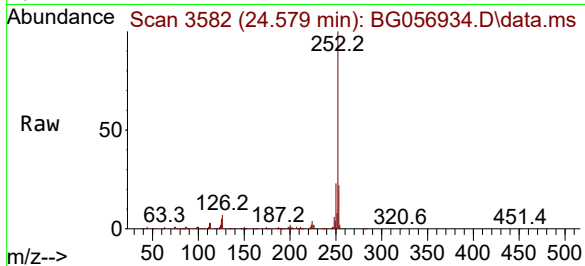




#89
Benzo(k)fluoranthene
Concen: 50.623 ng
RT: 24.579 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

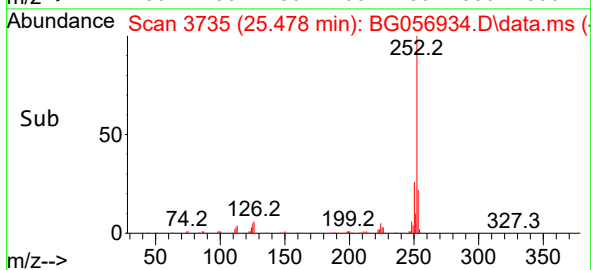
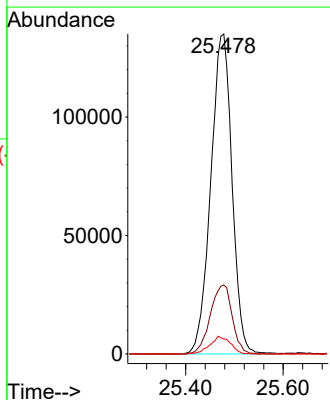
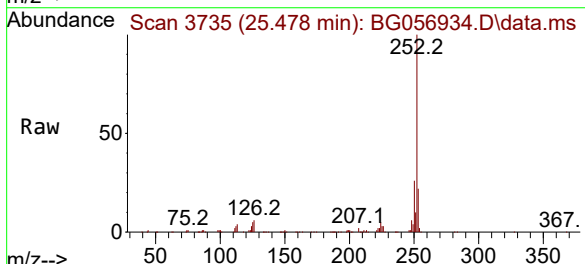
Instrument :
BNA_G
ClientSampleId :
PB151747BS

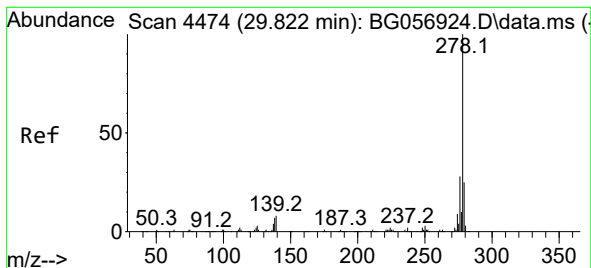
Tgt Ion:252 Resp: 445914
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 4.7 3.8 5.6



#90
Benzo(a)pyrene
Concen: 47.058 ng
RT: 25.478 min Scan# 3735
Delta R.T. -0.003 min
Lab File: BG056934.D
Acq: 30 Mar 2023 22:16

Tgt Ion:252 Resp: 408007
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 4.7 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 51.235 ng

RT: 29.813 min Scan# 4473

Delta R.T. -0.009 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Instrument :

BNA_G

ClientSampleId :

PB151747BS

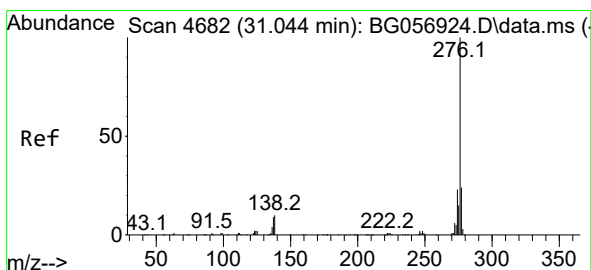
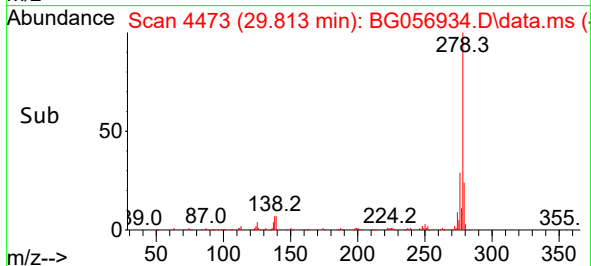
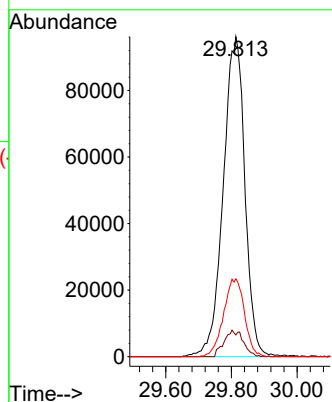
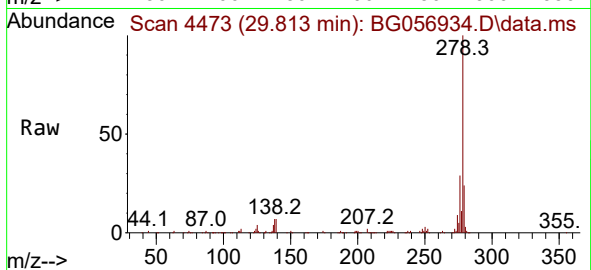
Tgt Ion:278 Resp: 439155

Ion Ratio Lower Upper

278 100

139 6.8 6.4 9.6

279 24.3 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 51.025 ng

RT: 31.029 min Scan# 4680

Delta R.T. -0.015 min

Lab File: BG056934.D

Acq: 30 Mar 2023 22:16

Tgt Ion:276 Resp: 428258

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 9.9 8.2 12.2

