

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056969.D
 Acq On : 4 Apr 2023 17:28
 Operator : CG/JU
 Sample : PB151693BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

Quant Time: Apr 05 04:08:45 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	8.414	152	16632	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	62561	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	47287	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	120521	20.000	ng	0.00
76) Chrysene-d12	22.089	240	106095	20.000	ng	0.00
86) Perylene-d12	25.626	264	112045	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.929	112	150902	145.208	ng	0.00
7) Phenol-d6	7.550	99	209429	134.745	ng	0.00
23) Nitrobenzene-d5	9.594	82	135659	88.727	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	107132	141.817	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	304980	87.457	ng	0.00
79) Terphenyl-d14	20.333	244	630875	100.621	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.732	88	17916	39.328	ng	# 92
3) Pyridine	4.155	79	50918	34.702	ng	96
4) n-Nitrosodimethylamine	4.061	42	31171	46.206	ng	90
6) Aniline	7.726	93	66984	33.712	ng	98
8) 2-Chlorophenol	7.973	128	49275	47.604	ng	85
9) Benzaldehyde	7.538	77	37592	38.561	ng	93
10) Phenol	7.574	94	70498	45.776	ng	93
11) bis(2-Chloroethyl)ether	7.809	93	47047	42.886	ng	98
12) 1,3-Dichlorobenzene	8.308	146	54992	48.081	ng	93
13) 1,4-Dichlorobenzene	8.455	146	55155	47.780	ng	94
14) 1,2-Dichlorobenzene	8.778	146	51891	46.529	ng	94
15) Benzyl Alcohol	8.643	79	56612	43.835	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.937	45	57272	43.319	ng	95
17) 2-Methylphenol	8.843	107	45558	41.463	ng	94
18) Hexachloroethane	9.518	117	19503	46.225	ng	88
19) n-Nitroso-di-n-propyla...	9.219	70	43485	39.115	ng	# 94
20) 3+4-Methylphenols	9.172	107	62679	40.796	ng	97
22) Acetophenone	9.242	105	82224	44.169	ng	# 93
24) Nitrobenzene	9.636	77	68407	43.761	ng	98
25) Isophorone	10.158	82	118524	40.709	ng	99
26) 2-Nitrophenol	10.352	139	27468	45.524	ng	98
27) 2,4-Dimethylphenol	10.393	122	48460	45.489	ng	91
28) bis(2-Chloroethoxy)met...	10.628	93	60331	41.390	ng	99
29) 2,4-Dichlorophenol	10.893	162	52173	45.539	ng	98
30) 1,2,4-Trichlorobenzene	11.110	180	55801	45.839	ng	97
31) Naphthalene	11.310	128	148962	43.684	ng	97
32) Benzoic acid	10.523	122	34835	47.603	ng	98
33) 4-Chloroaniline	11.404	127	38650	25.096	ng	98
34) Hexachlorobutadiene	11.580	225	39901	43.635	ng	97
35) Caprolactam	12.173	113	9814	24.839	ng	93
36) 4-Chloro-3-methylphenol	12.491	107	55638	43.425	ng	95
37) 2-Methylnaphthalene	12.884	142	110511	40.833	ng	99
38) 1-Methylnaphthalene	13.096	142	100330	39.480	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	73937	45.090	ng	# 99
41) Hexachlorocyclopentadiene	13.219	237	111373	123.272	ng	94
43) 2,4,6-Trichlorophenol	13.472	196	47352	45.252	ng	96

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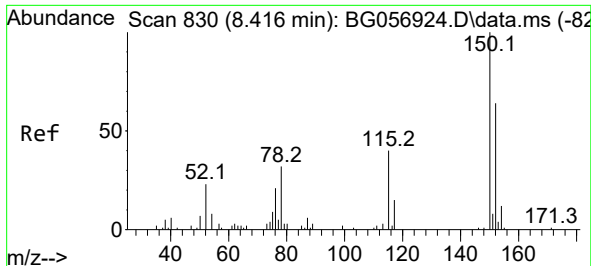
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	53589	43.230	ng	94
46) 1,1'-Biphenyl	13.865	154	156981	45.350	ng	100
47) 2-Chloronaphthalene	13.918	162	115671	45.181	ng	95
48) 2-Nitroaniline	14.106	65	41213	45.020	ng	97
49) Acenaphthylene	14.758	152	184280	43.810	ng	99
50) Dimethylphthalate	14.464	163	161804	43.427	ng	# 97
51) 2,6-Dinitrotoluene	14.588	165	35895	44.589	ng	97
52) Acenaphthene	15.093	154	148287	51.115	ng	97
53) 3-Nitroaniline	14.923	138	25066	31.458	ng	88
54) 2,4-Dinitrophenol	15.128	184	51341	113.307	ng	96
55) Dibenzofuran	15.422	168	188846	43.372	ng	96
56) 4-Nitrophenol	15.210	139	59386	100.788	ng	93
57) 2,4-Dinitrotoluene	15.375	165	51383	45.256	ng	95
58) Fluorene	16.068	166	159608	44.299	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	53060	47.011	ng	98
60) Diethylphthalate	15.810	149	163456	43.761	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	92845	43.890	ng	98
62) 4-Nitroaniline	16.080	138	37230	45.097	ng	96
63) Azobenzene	16.338	77	162126	43.554	ng	99
65) 4,6-Dinitro-2-methylph...	16.133	198	36228	49.632	ng	96
66) n-Nitrosodiphenylamine	16.262	169	139579	43.143	ng	97
67) 4-Bromophenyl-phenylether	16.943	248	61521	41.255	ng	97
68) Hexachlorobenzene	17.073	284	67770	45.967	ng	97
69) Atrazine	17.196	200	63413	47.218	ng	95
70) Pentachlorophenol	17.413	266	89995	85.086	ng	99
71) Phenanthrene	17.813	178	270975	44.099	ng	99
72) Anthracene	17.901	178	274283	43.543	ng	99
73) Carbazole	18.165	167	246862	44.949	ng	97
74) Di-n-butylphthalate	18.688	149	285721	44.927	ng	99
75) Fluoranthene	19.798	202	336339	43.179	ng	99
77) Benzidine	19.963	184	181820	62.698	ng	99
78) Pyrene	20.157	202	337762	46.029	ng	97
80) Butylbenzylphthalate	21.014	149	115439	45.716	ng	93
81) Benzo(a)anthracene	22.066	228	323102	44.009	ng	99
82) 3,3'-Dichlorobenzidine	21.960	252	78615	31.710	ng	95
83) Chrysene	22.142	228	298287	43.392	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	161432	44.149	ng	98
85) Di-n-octyl phthalate	23.241	149	267739	43.451	ng	98
87) Indeno(1,2,3-cd)pyrene	29.720	276	359509	43.416	ng	99
88) Benzo(b)fluoranthene	24.498	252	334542	47.747	ng	98
89) Benzo(k)fluoranthene	24.574	252	323163	46.200	ng	97
90) Benzo(a)pyrene	25.461	252	286864	41.665	ng	97
91) Dibenzo(a,h)anthracene	29.791	278	298939	43.919	ng	# 97
92) Benzo(g,h,i)perylene	31.007	276	291900	43.796	ng	97

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

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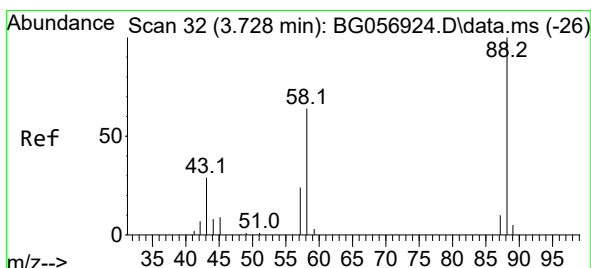
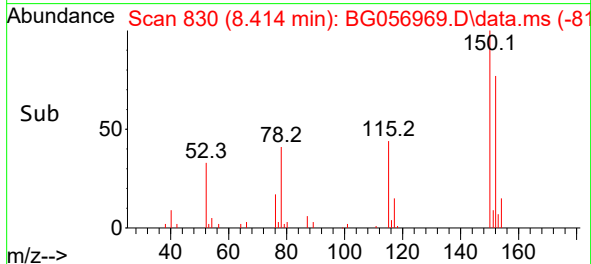
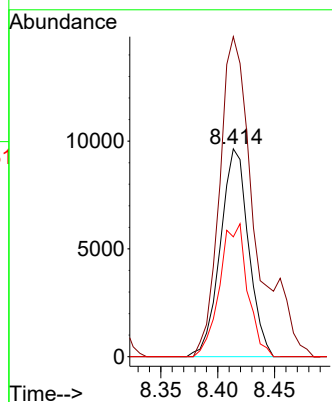
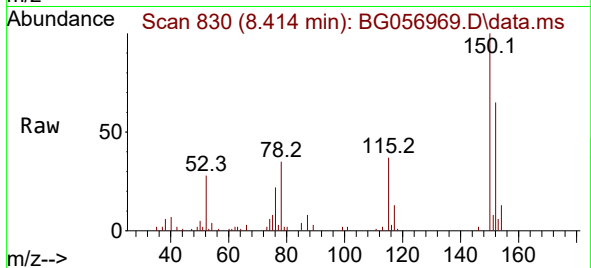




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

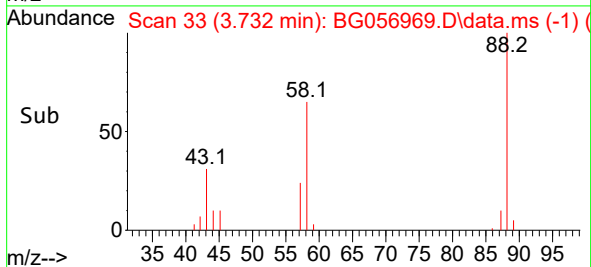
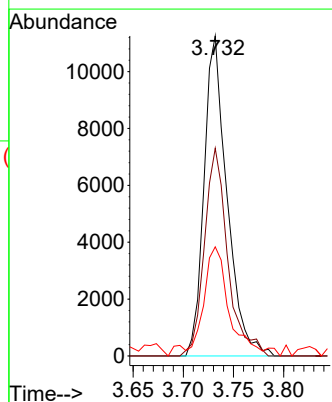
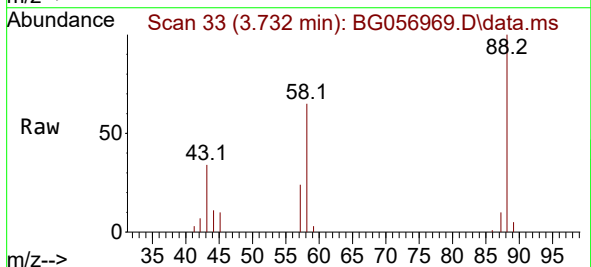
Instrument :
BNA_G
ClientSampleId :
PB151693BS

Tgt Ion:152 Resp: 16632
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 57.7 49.1 73.7



#2
1,4-Dioxane
Concen: 39.328 ng
RT: 3.732 min Scan# 33
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 88 Resp: 17916
Ion Ratio Lower Upper
88 100
58 66.0 55.9 83.9
43 39.7 25.7 38.5#

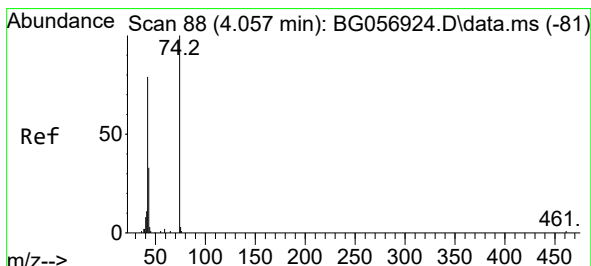
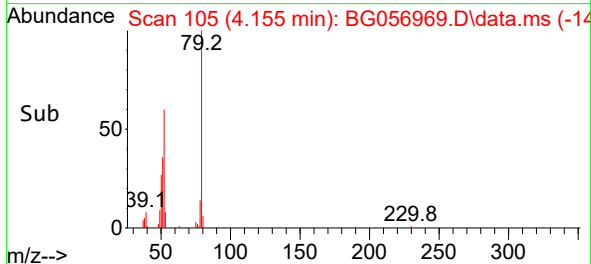
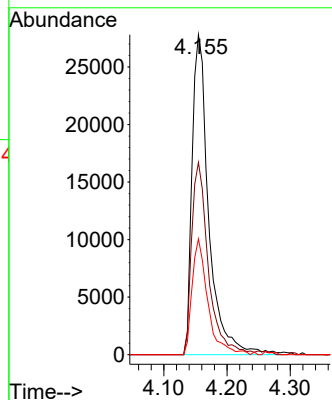
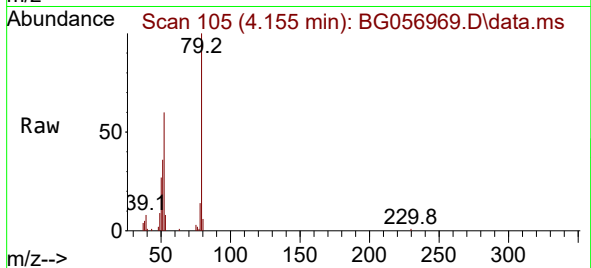




#3
 Pyridine
 Concen: 34.702 ng
 RT: 4.155 min Scan# 104
 Delta R.T. 0.004 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

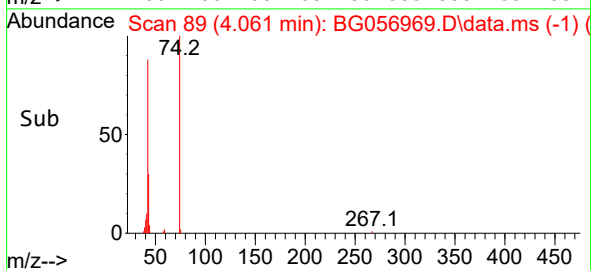
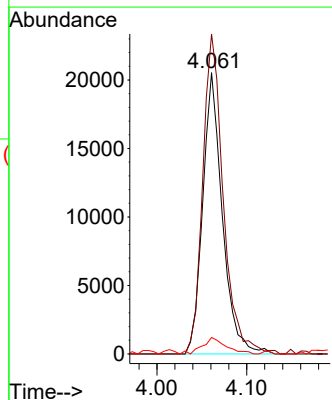
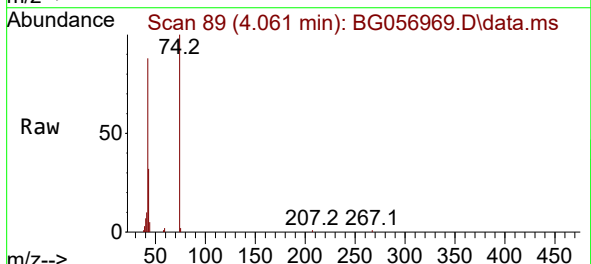
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

Tgt Ion: 79 Resp: 50918
 Ion Ratio Lower Upper
 79 100
 52 60.1 46.1 69.1
 51 36.2 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 46.206 ng
 RT: 4.061 min Scan# 89
 Delta R.T. 0.004 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

Tgt Ion: 42 Resp: 31171
 Ion Ratio Lower Upper
 42 100
 74 113.8 100.6 151.0
 44 5.9 4.6 7.0

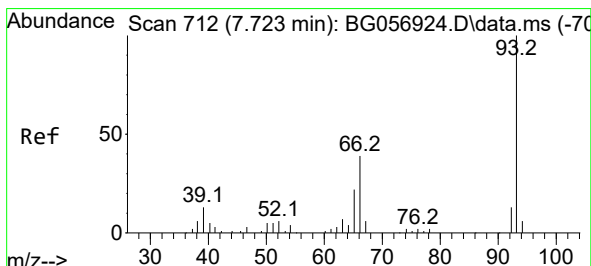
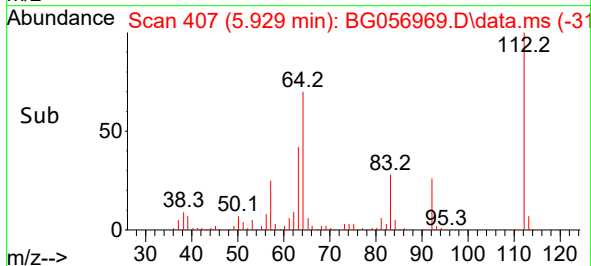
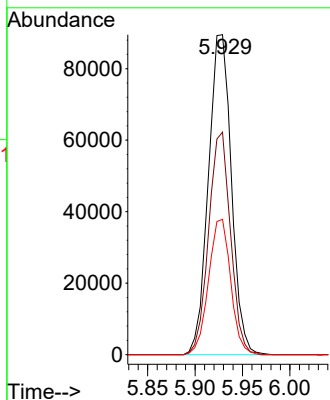
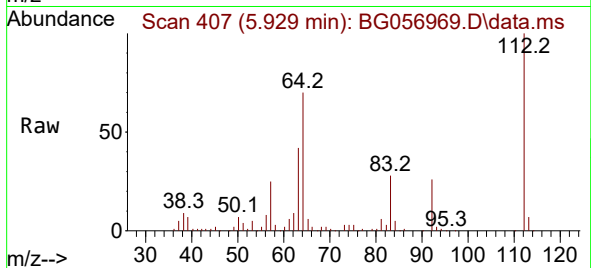




#5
2-Fluorophenol
Concen: 145.208 ng
RT: 5.929 min Scan# 405
Delta R.T. 0.010 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

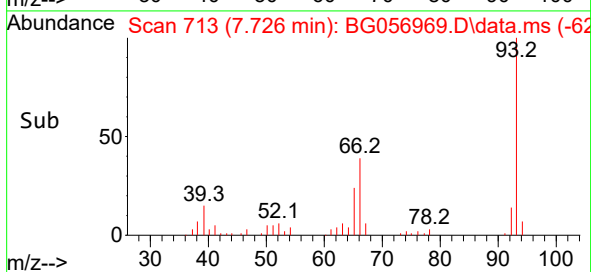
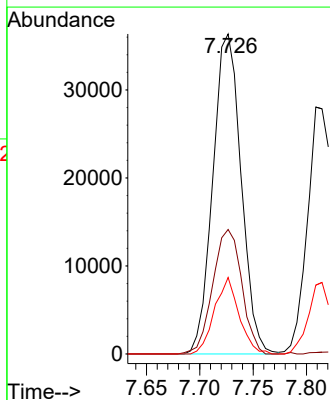
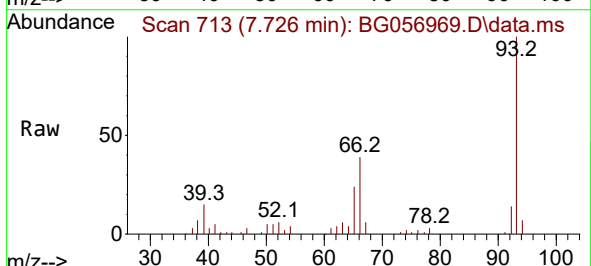
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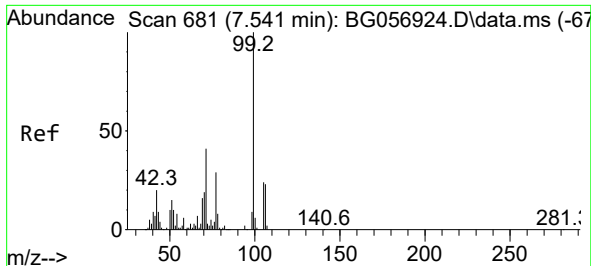
Tgt Ion:112 Resp: 150902
Ion Ratio Lower Upper
112 100
64 69.6 53.2 79.8
63 42.3 32.6 48.8



#6
Aniline
Concen: 33.712 ng
RT: 7.726 min Scan# 713
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 93 Resp: 66984
Ion Ratio Lower Upper
93 100
66 38.9 31.4 47.0
65 23.9 17.3 25.9

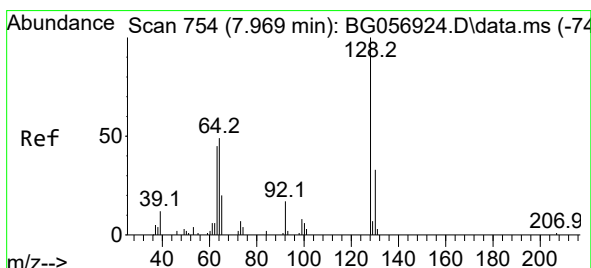
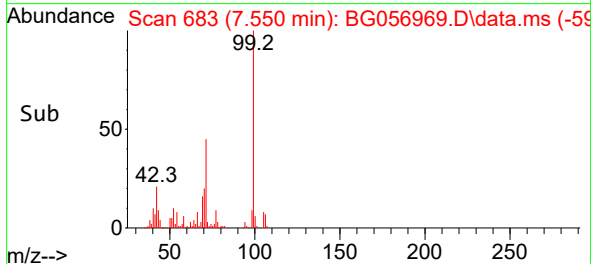
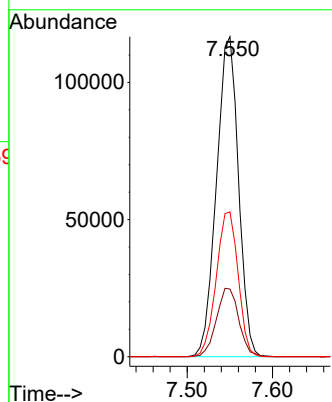
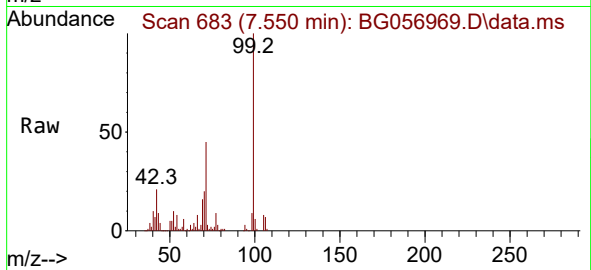




#7
Phenol-d6
Concen: 134.745 ng
RT: 7.550 min Scan# 681
Delta R.T. 0.010 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

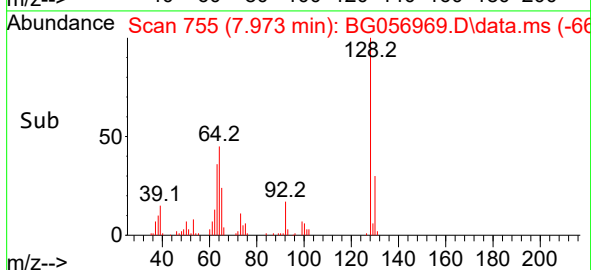
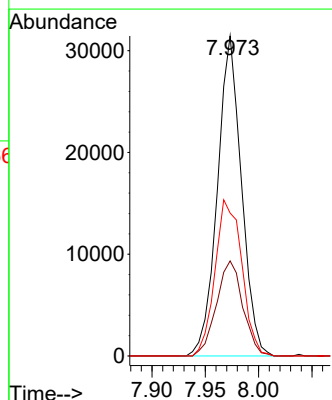
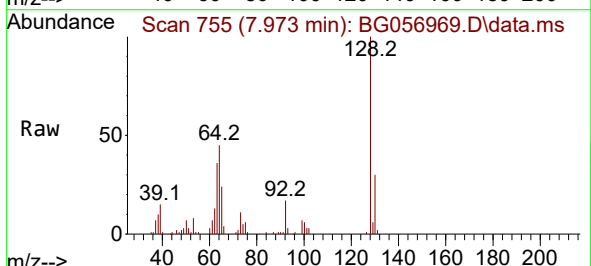
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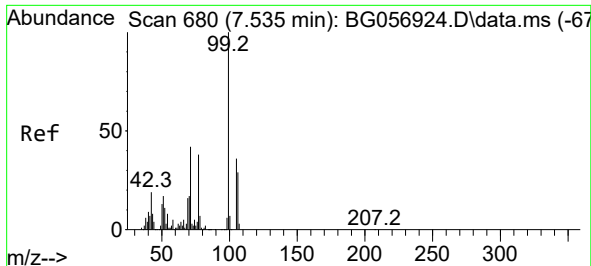
Tgt Ion: 99 Resp: 209429
Ion Ratio Lower Upper
99 100
42 21.2 15.7 23.5
71 45.3 32.5 48.7



#8
2-Chlorophenol
Concen: 47.604 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 128 Resp: 49275
Ion Ratio Lower Upper
128 100
130 29.7 12.6 52.6
64 44.6 40.6 80.6

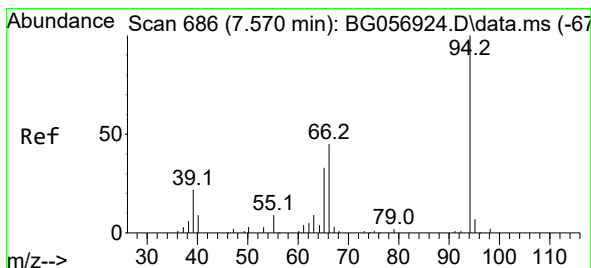
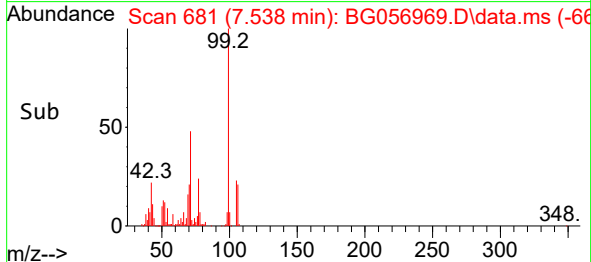
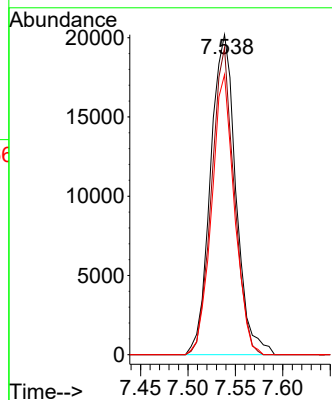
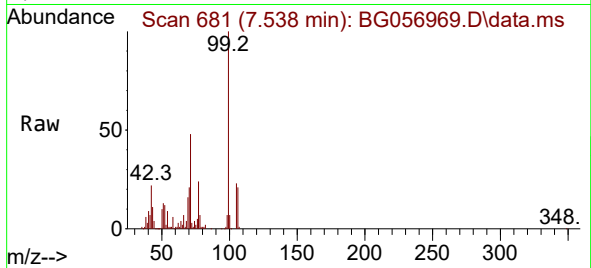




#9
Benzaldehyde
Concen: 38.561 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

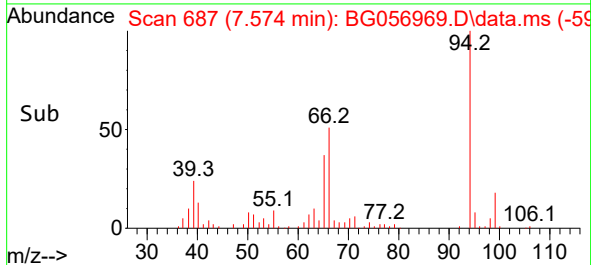
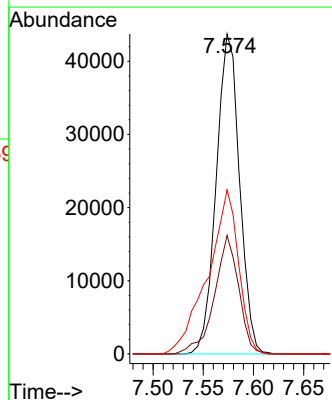
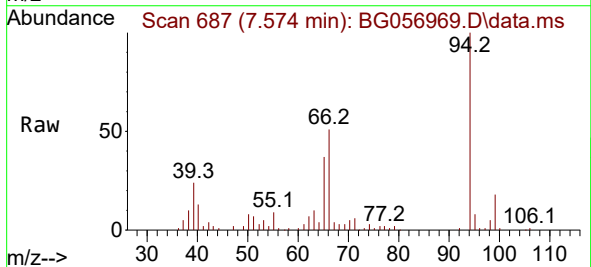
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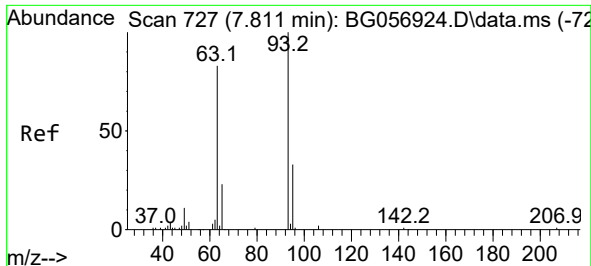
Tgt Ion: 77 Resp: 37592
Ion Ratio Lower Upper
77 100
105 96.0 73.6 113.6
106 87.5 56.7 96.7



#10
Phenol
Concen: 45.776 ng
RT: 7.574 min Scan# 687
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 94 Resp: 70498
Ion Ratio Lower Upper
94 100
65 37.0 13.3 53.3
66 51.3 26.7 66.7

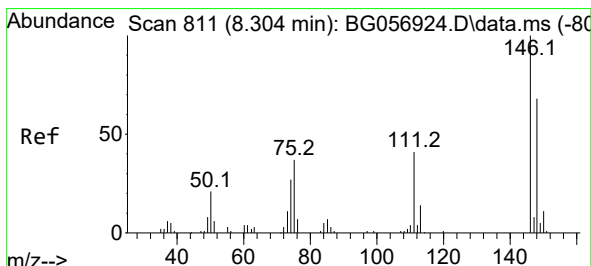
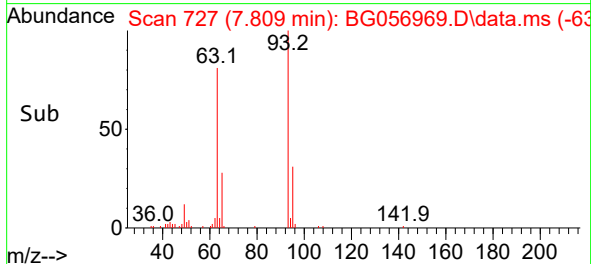
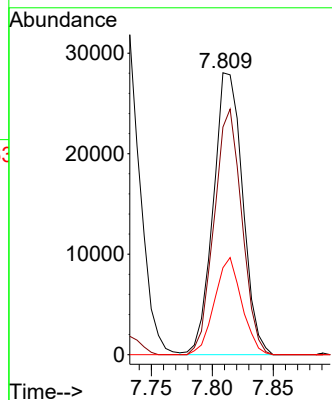
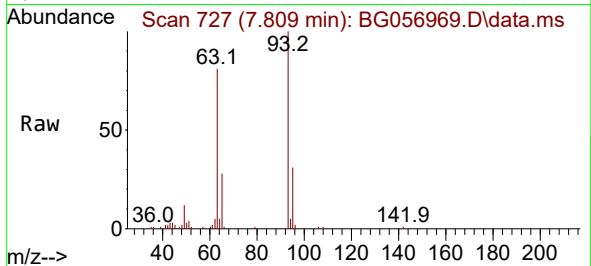




#11
bis(2-Chloroethyl)ether
Concen: 42.886 ng
RT: 7.809 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

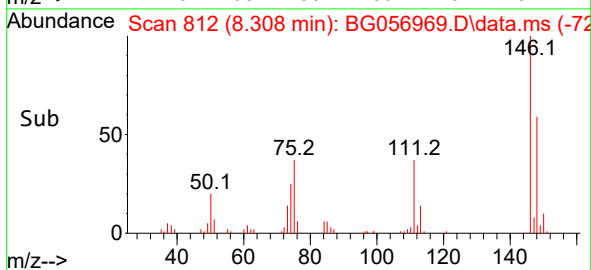
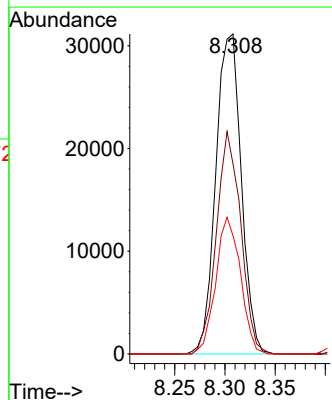
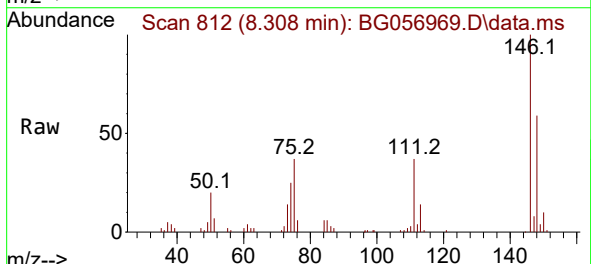
Instrument :
BNA_G
ClientSampleId :
PB151693BS

Tgt Ion: 93 Resp: 47047
Ion Ratio Lower Upper
93 100
63 80.7 62.7 102.7
95 30.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.081 ng
RT: 8.308 min Scan# 812
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:146 Resp: 54992
Ion Ratio Lower Upper
146 100
148 59.4 54.2 81.4
75 37.0 29.8 44.8

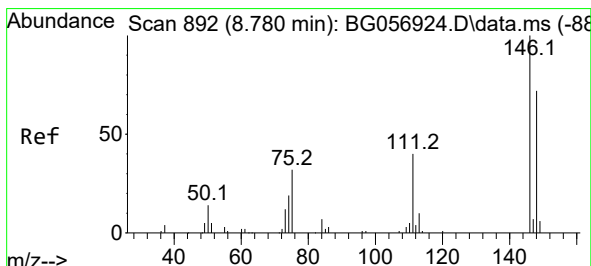
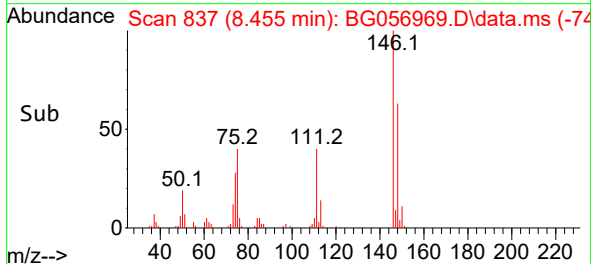
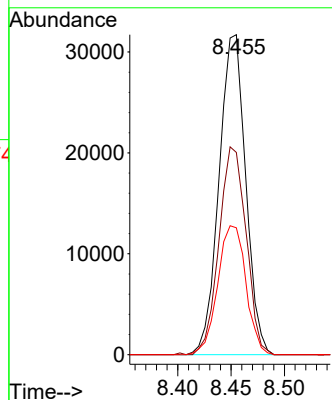
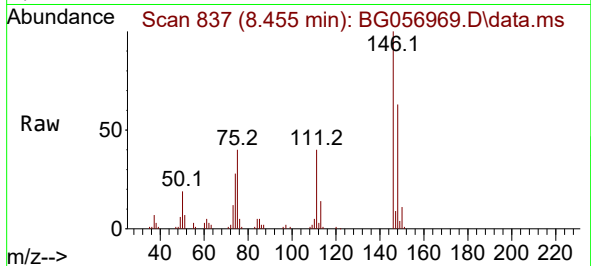




#13
1,4-Dichlorobenzene
Concen: 47.780 ng
RT: 8.455 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

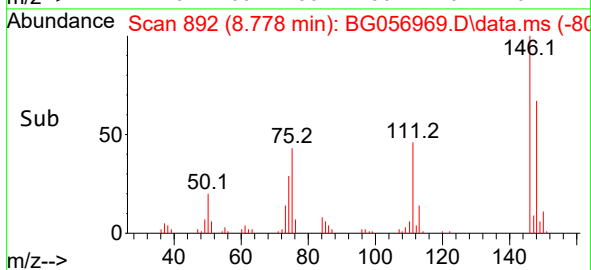
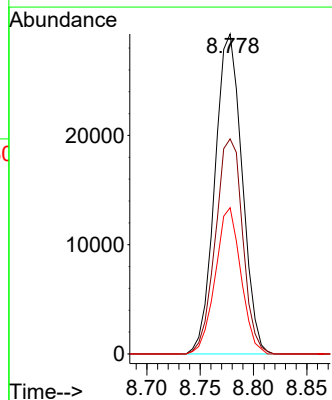
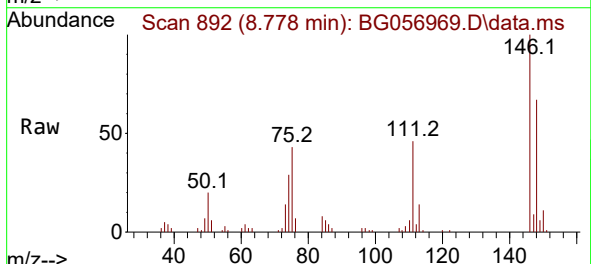
Instrument :
BNA_G
ClientSampleId :
PB151693BS

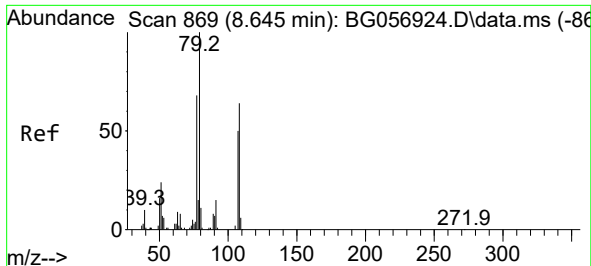
Tgt Ion:146 Resp: 55155
Ion Ratio Lower Upper
146 100
148 63.2 54.8 82.2
111 39.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 46.529 ng
RT: 8.778 min Scan# 892
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:146 Resp: 51891
Ion Ratio Lower Upper
146 100
148 67.2 57.4 86.0
111 45.7 33.2 49.8





#15

Benzyl Alcohol

Concen: 43.835 ng

RT: 8.643 min Scan# 869

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

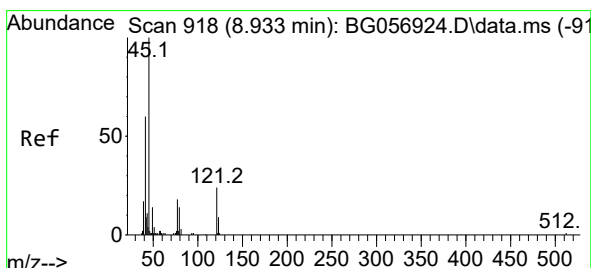
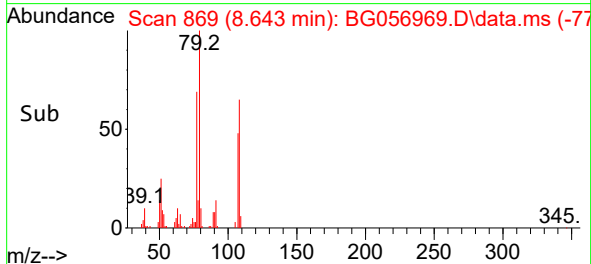
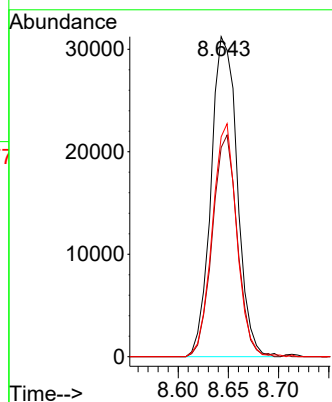
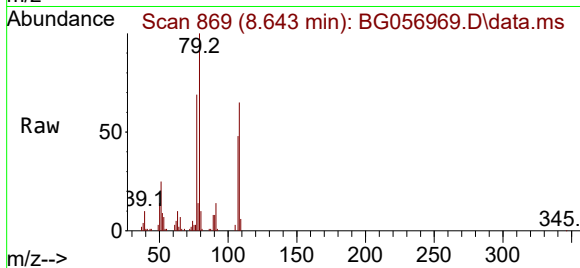
Tgt Ion: 79 Resp: 56612

Ion Ratio Lower Upper

79 100

108 65.3 51.2 76.8

77 68.7 54.4 81.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.319 ng

RT: 8.937 min Scan# 919

Delta R.T. 0.004 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

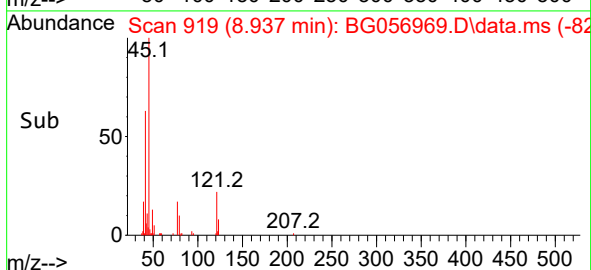
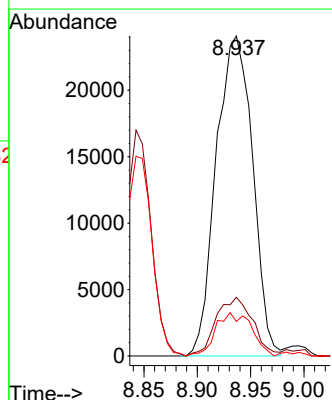
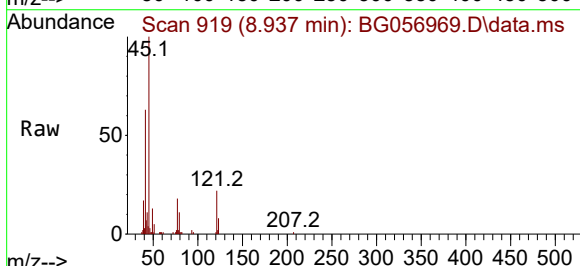
Tgt Ion: 45 Resp: 57272

Ion Ratio Lower Upper

45 100

77 18.4 0.0 38.7

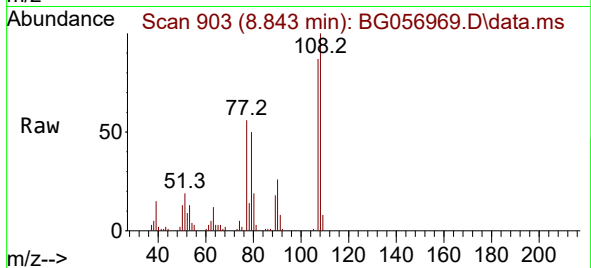
79 10.8 0.0 35.1



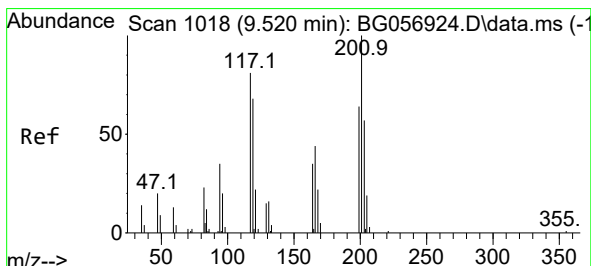
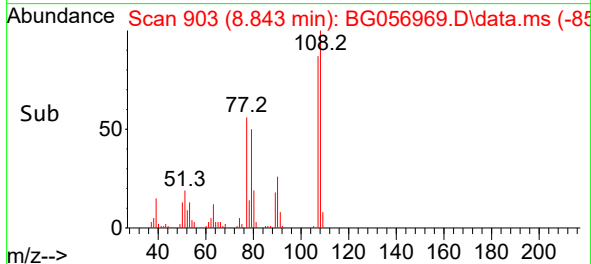
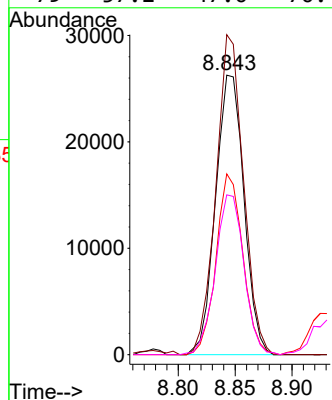


#17
2-Methylphenol
Concen: 41.463 ng
RT: 8.843 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Instrument :
BNA_G
ClientSampleId :
PB151693BS

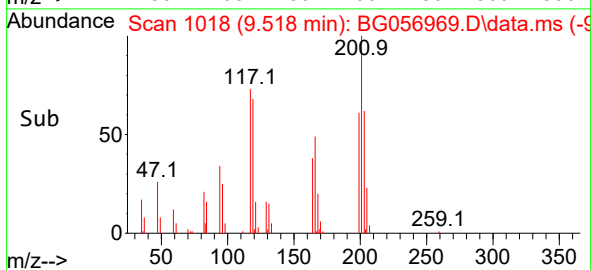
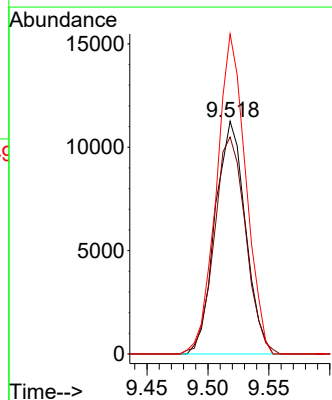
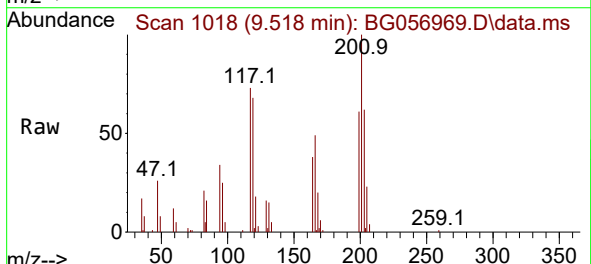


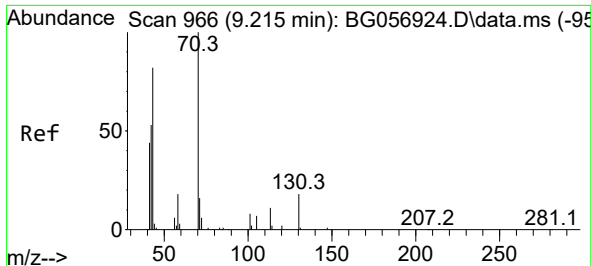
Tgt Ion:	107	Resp:	45558
Ion	Ratio	Lower	Upper
107	100		
108	114.5	96.0	144.0
77	64.7	45.6	68.4
79	57.2	47.0	70.4



#18
Hexachloroethane
Concen: 46.225 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:	117	Resp:	19503
Ion	Ratio	Lower	Upper
117	100		
119	93.3	67.0	100.6
201	137.6	98.7	148.1

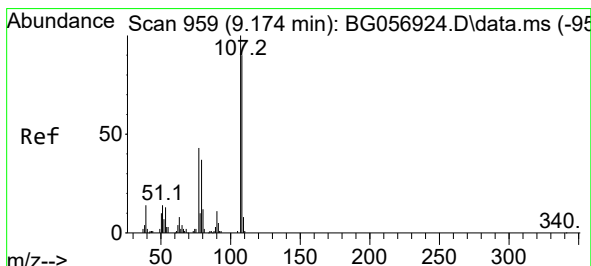
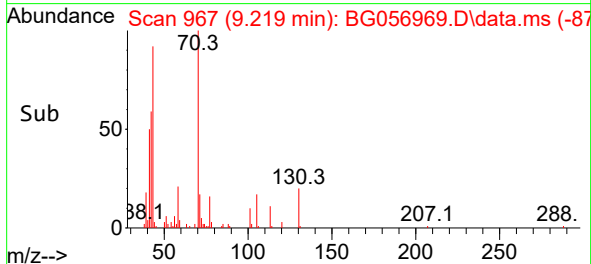
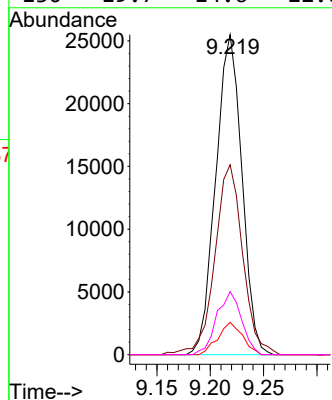
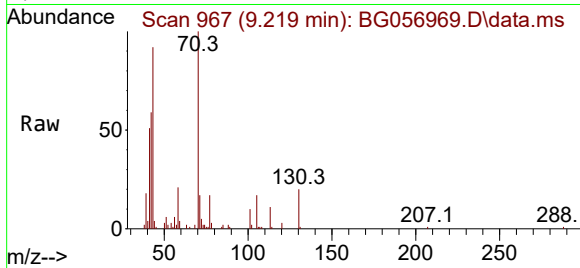




#19
n-Nitroso-di-n-propylamine
Concen: 39.115 ng
RT: 9.219 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

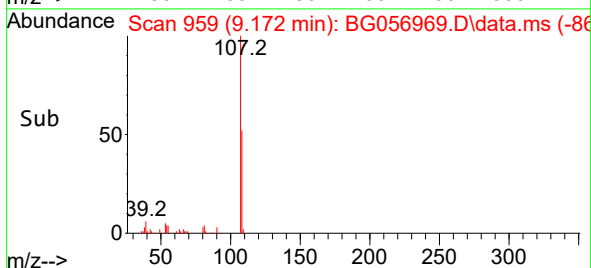
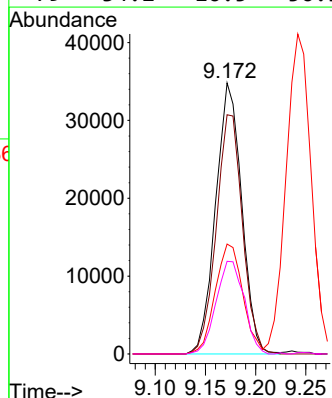
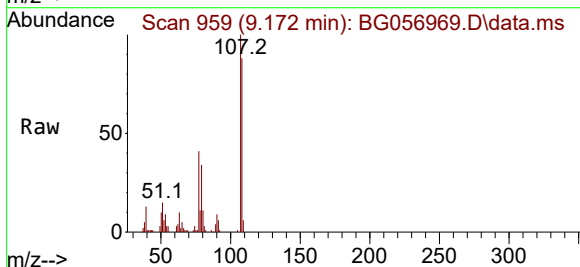
Instrument :
BNA_G
ClientSampleId :
PB151693BS

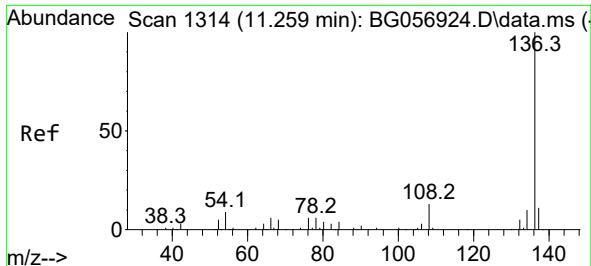
Tgt Ion: 70 Resp: 43485
Ion Ratio Lower Upper
70 100
42 59.4 43.4 65.0
101 10.1 6.2 9.2#
130 19.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 40.796 ng
RT: 9.172 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 107 Resp: 62679
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 40.5 22.7 62.7
79 34.2 16.5 56.5





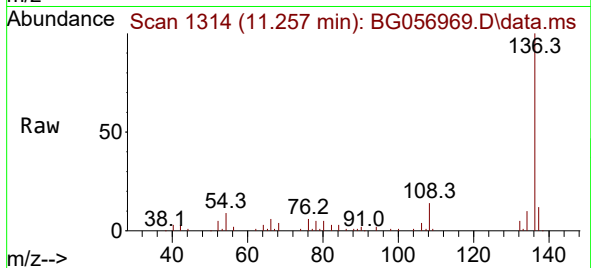
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Instrument :

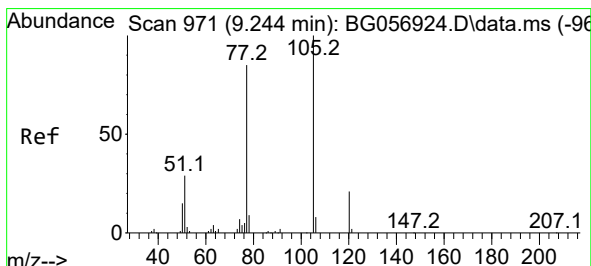
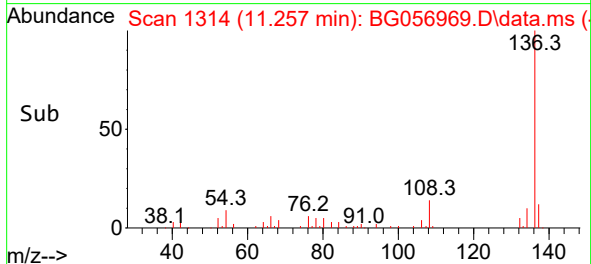
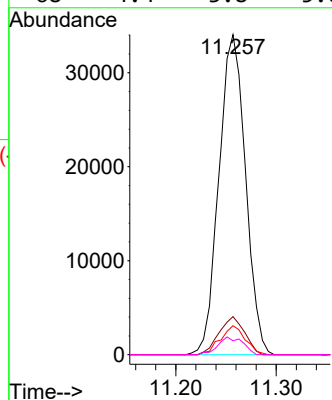
BNA_G

ClientSampleId :

PB151693BS

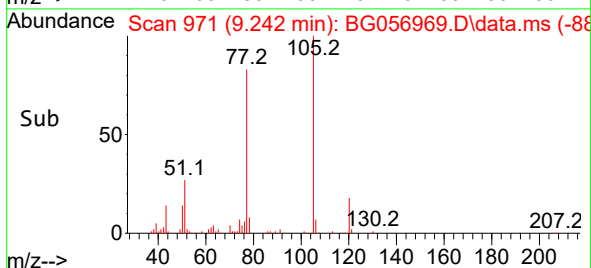
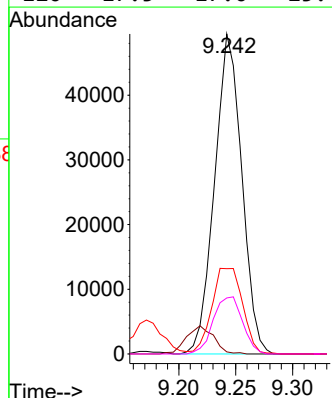
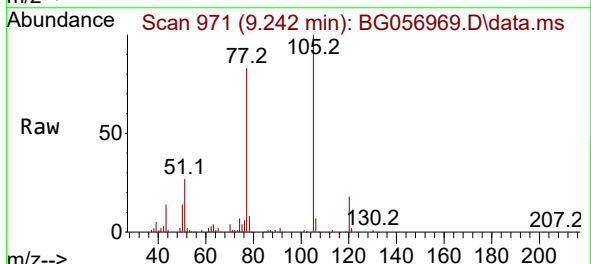


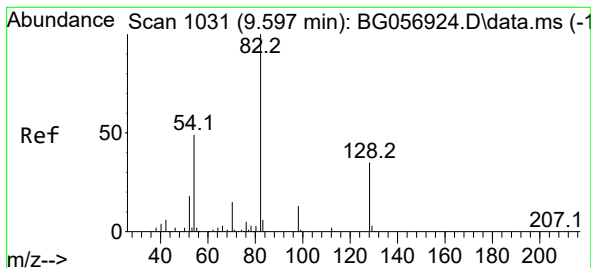
Tgt Ion:136 Resp: 62561
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 9.0 6.9 10.3
68 4.4 3.8 5.6



#22
Acetophenone
Concen: 44.169 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:105 Resp: 82224
Ion Ratio Lower Upper
105 100
71 0.6 0.7 1.1#
51 26.6 23.8 35.8
120 17.5 17.0 25.4

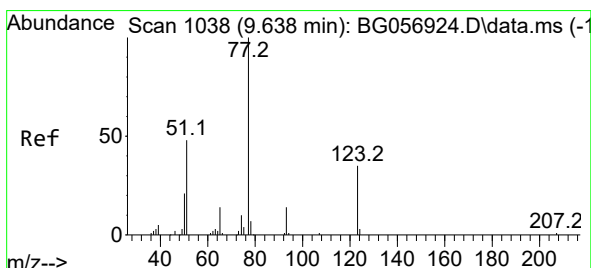
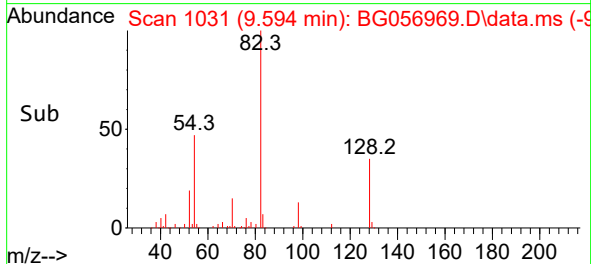
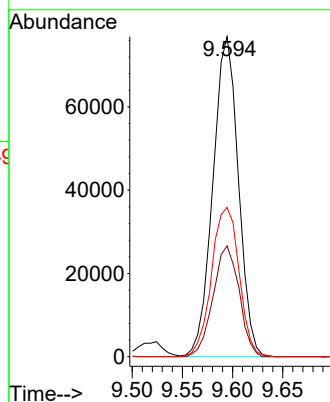
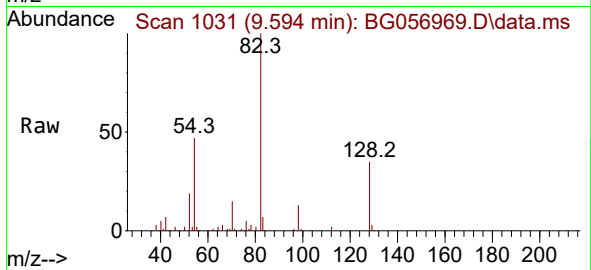




#23
Nitrobenzene-d5
Concen: 88.727 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

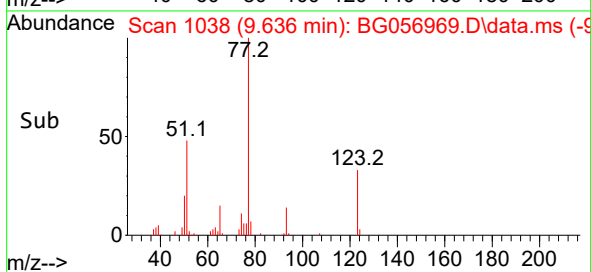
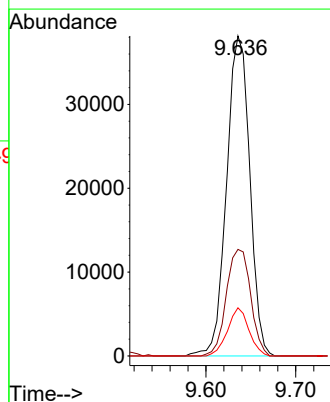
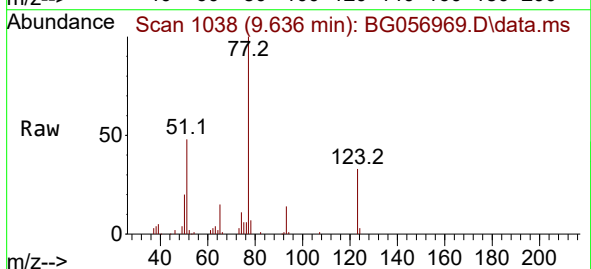
Instrument :
BNA_G
ClientSampleId :
PB151693BS

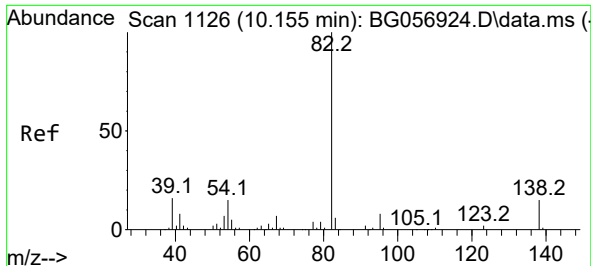
Tgt Ion: 82 Resp: 135659
Ion Ratio Lower Upper
82 100
128 34.6 27.9 41.9
54 46.7 39.4 59.2



#24
Nitrobenzene
Concen: 43.761 ng
RT: 9.636 min Scan# 1038
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 77 Resp: 68407
Ion Ratio Lower Upper
77 100
123 33.3 27.6 41.4
65 15.1 11.5 17.3

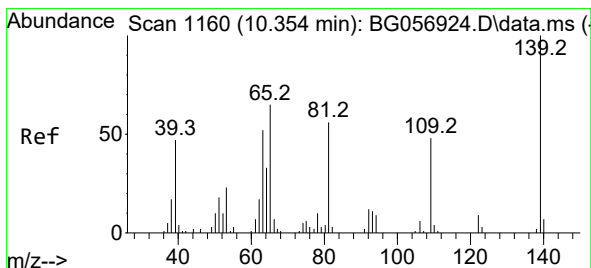
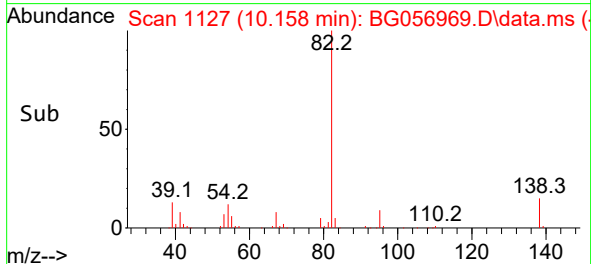
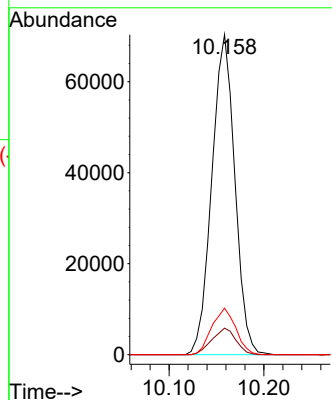
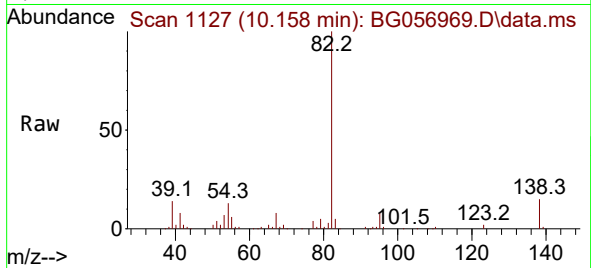




#25
Isophorone
Concen: 40.709 ng
RT: 10.158 min Scan# 1126
Delta R.T. 0.004 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

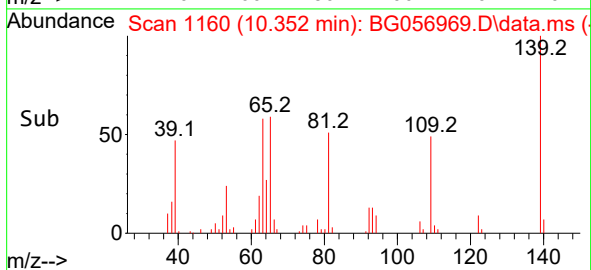
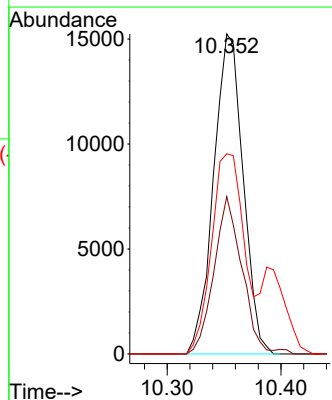
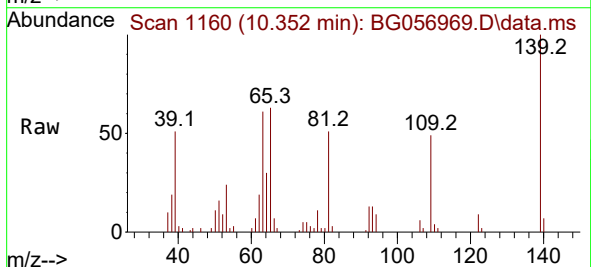
Instrument :
BNA_G
ClientSampleId :
PB151693BS

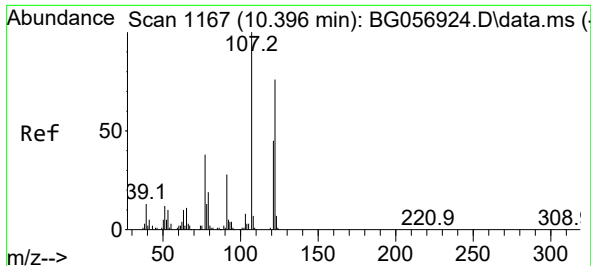
Tgt Ion: 82 Resp: 118524
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 14.6 11.8 17.8



#26
2-Nitrophenol
Concen: 45.524 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:139 Resp: 27468
Ion Ratio Lower Upper
139 100
109 49.1 38.2 57.4
65 62.6 51.8 77.8

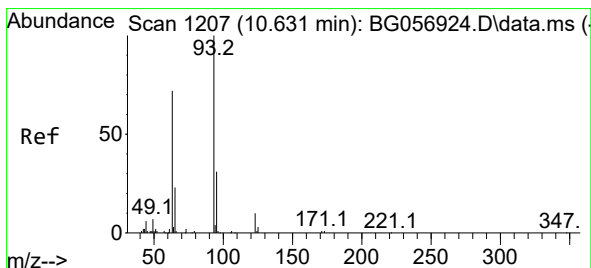
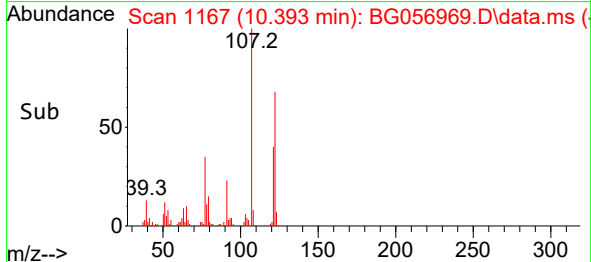
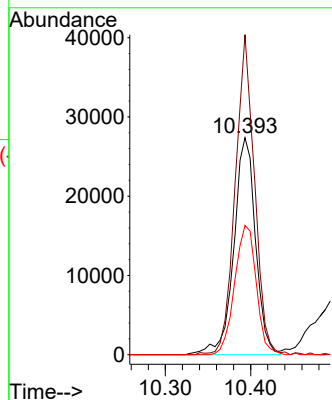
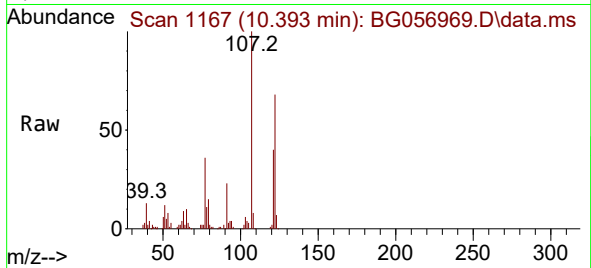




#27
2,4-Dimethylphenol
Concen: 45.489 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

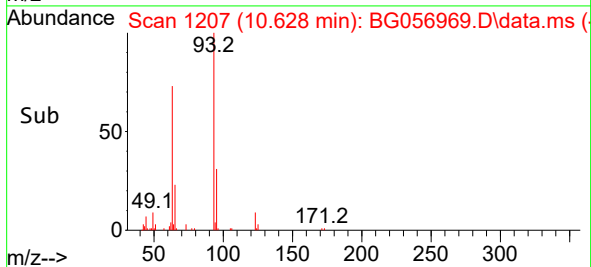
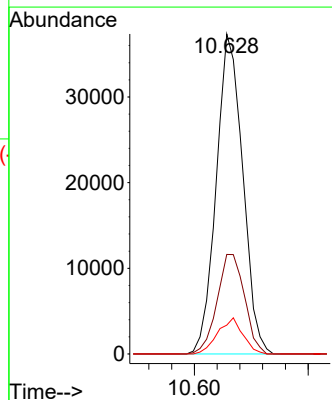
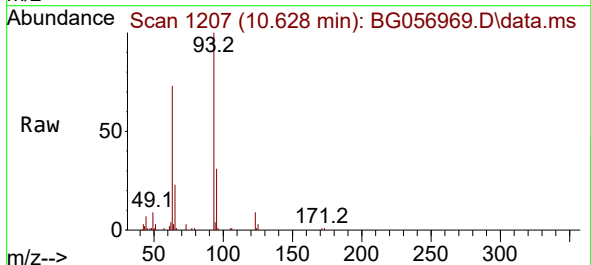
Instrument :
BNA_G
ClientSampleId :
PB151693BS

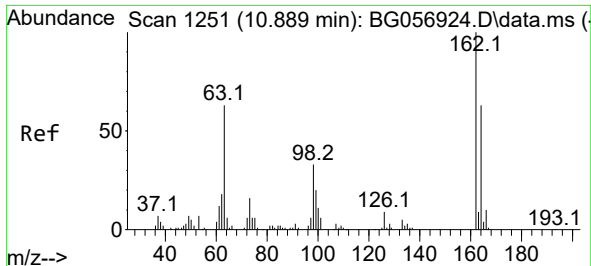
Tgt Ion:122 Resp: 48460
Ion Ratio Lower Upper
122 100
107 147.5 105.7 158.5
121 59.6 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.390 ng
RT: 10.628 min Scan# 1207
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 93 Resp: 60331
Ion Ratio Lower Upper
93 100
95 31.1 24.6 37.0
123 9.0 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 45.539 ng

RT: 10.893 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

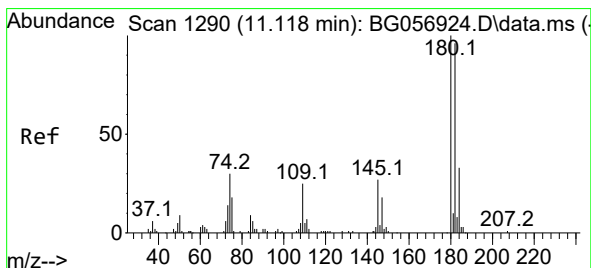
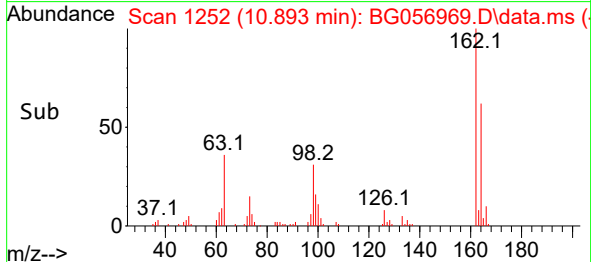
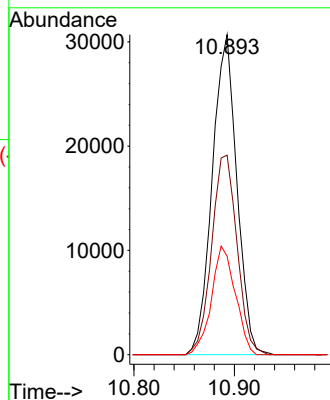
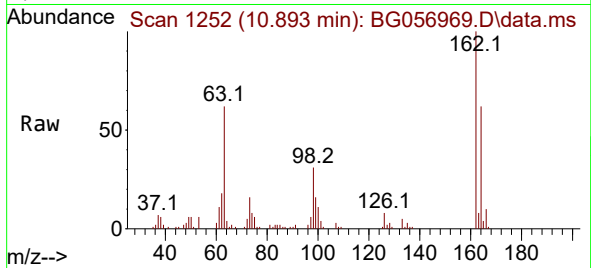
Tgt Ion:162 Resp: 52173

Ion Ratio Lower Upper

162 100

164 62.3 43.4 83.4

98 30.8 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 45.839 ng

RT: 11.110 min Scan# 1289

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

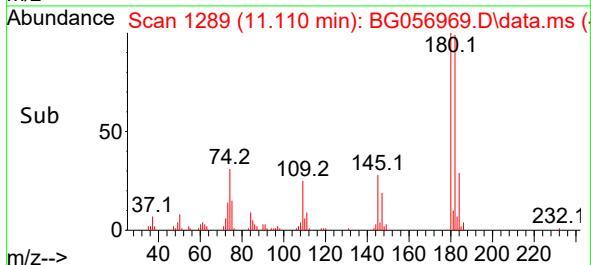
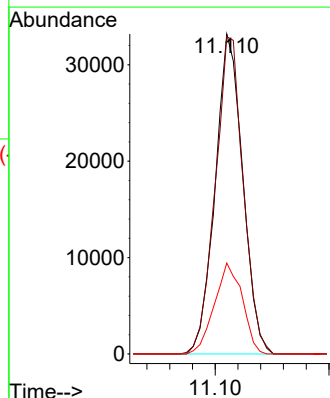
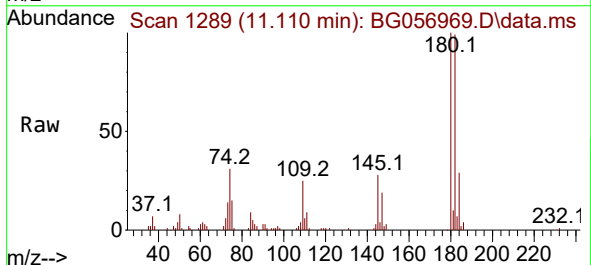
Tgt Ion:180 Resp: 55801

Ion Ratio Lower Upper

180 100

182 99.1 77.1 115.7

145 28.4 21.3 31.9

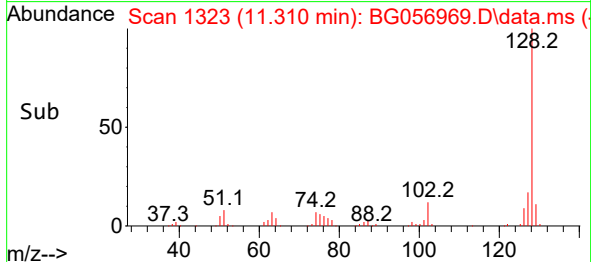
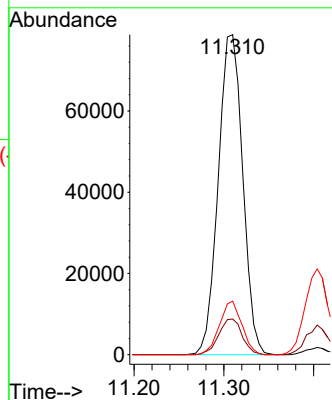
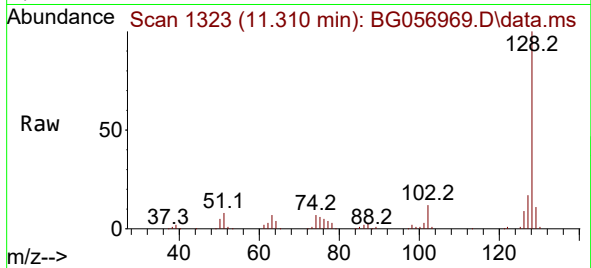




#31
Naphthalene
Concen: 43.684 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

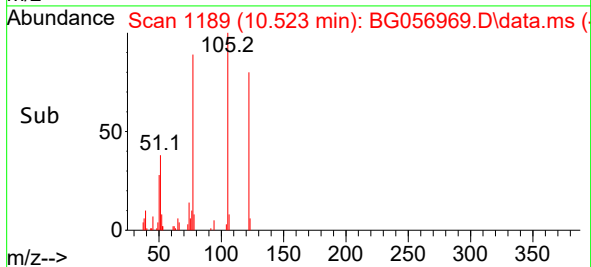
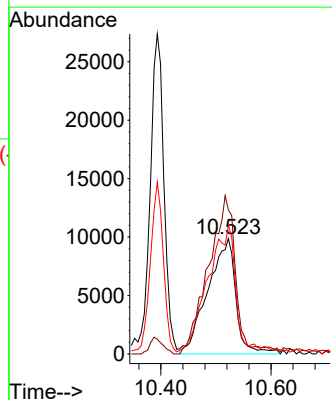
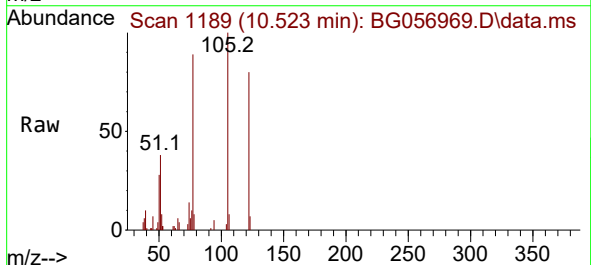
Instrument :
BNA_G
ClientSampleId :
PB151693BS

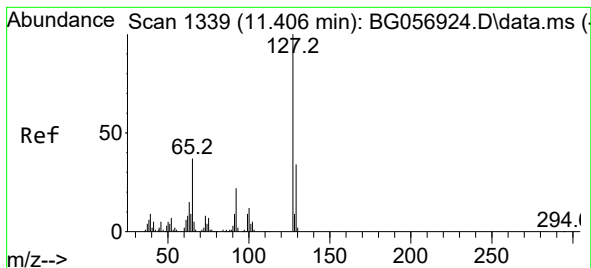
Tgt Ion:128 Resp: 148962
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 16.8 12.2 18.4



#32
Benzoic acid
Concen: 47.603 ng
RT: 10.523 min Scan# 1189
Delta R.T. 0.010 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:122 Resp: 34835
Ion Ratio Lower Upper
122 100
105 124.9 105.4 145.4
77 111.3 87.4 127.4





#33

4-Chloroaniline

Concen: 25.096 ng

RT: 11.404 min Scan# 1139

Delta R.T. -0.002 min

Lab File: BG056969.D

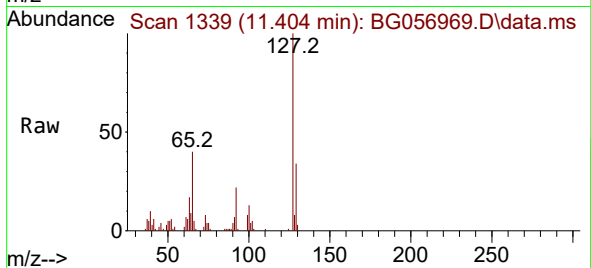
Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS



Tgt Ion:127 Resp: 38650

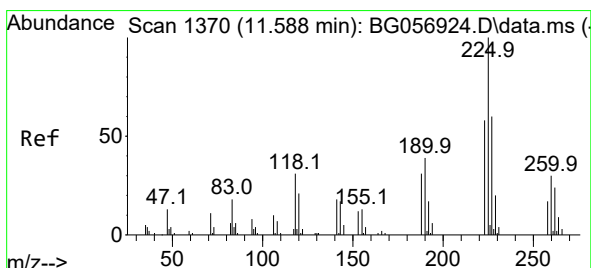
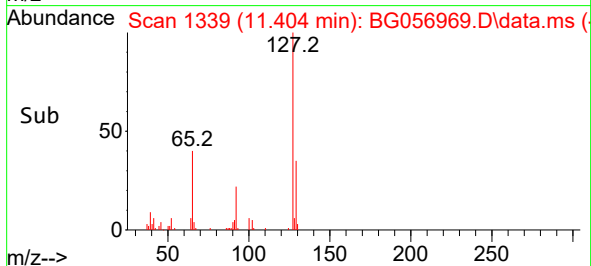
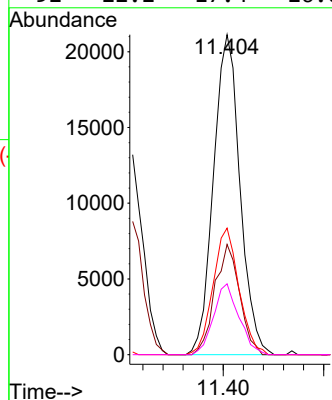
Ion Ratio Lower Upper

127 100

129 34.4 27.6 41.4

65 39.6 29.8 44.8

92 22.2 17.4 26.0



#34

Hexachlorobutadiene

Concen: 43.635 ng

RT: 11.580 min Scan# 1369

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

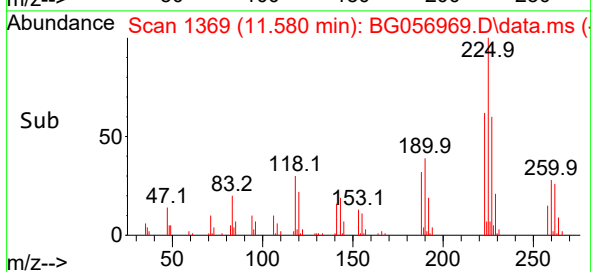
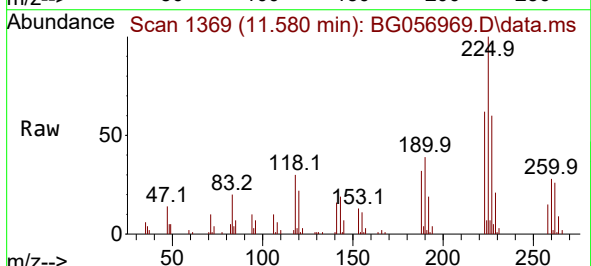
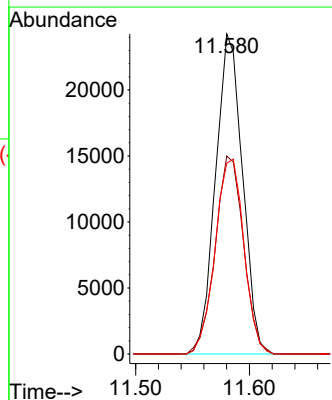
Tgt Ion:225 Resp: 39901

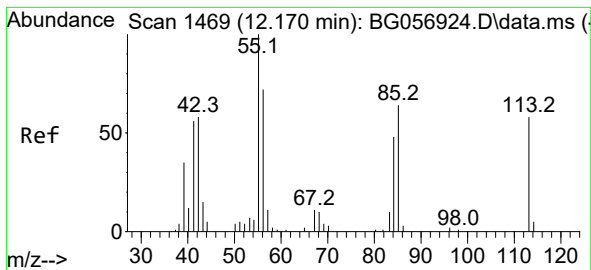
Ion Ratio Lower Upper

225 100

223 61.8 46.4 69.6

227 59.7 48.0 72.0

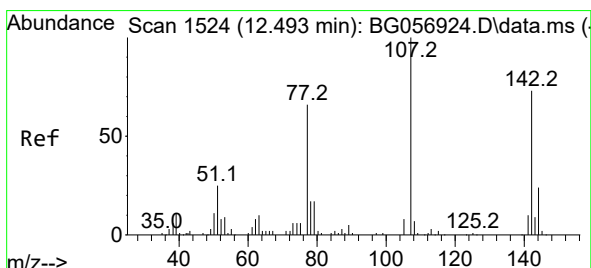
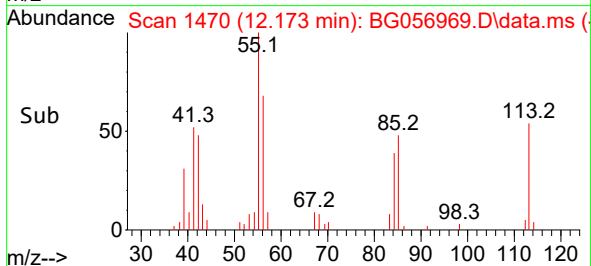
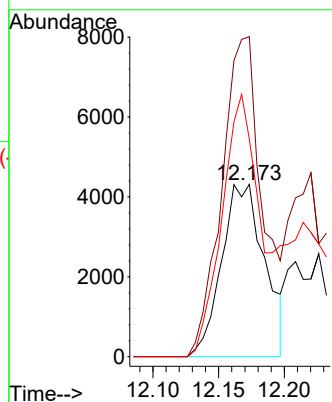
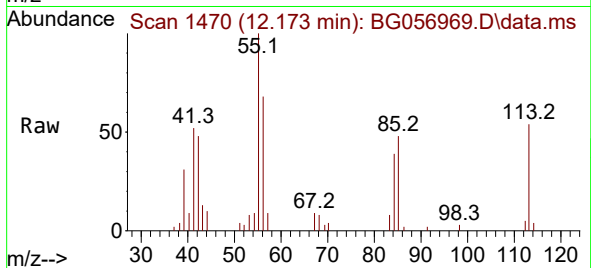




#35
 Caprolactam
 Concen: 24.839 ng
 RT: 12.173 min Scan# 1469
 Delta R.T. 0.004 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

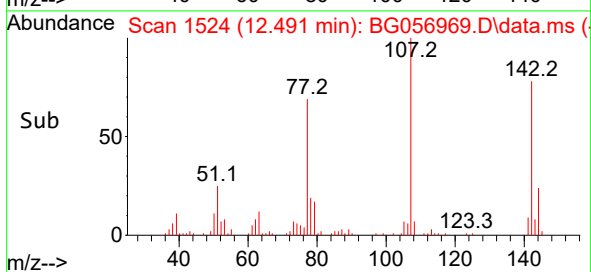
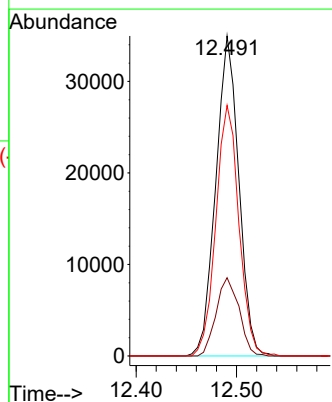
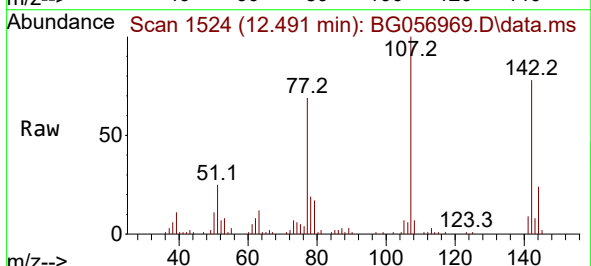
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

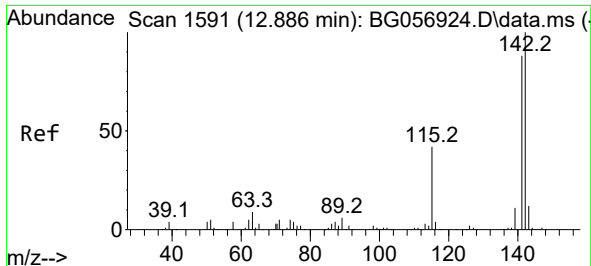
Tgt Ion:113 Resp: 9814
 Ion Ratio Lower Upper
 113 100
 55 185.7 151.6 191.6
 56 126.3 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.425 ng
 RT: 12.491 min Scan# 1524
 Delta R.T. -0.002 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

Tgt Ion:107 Resp: 55638
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 78.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 40.833 ng

RT: 12.884 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

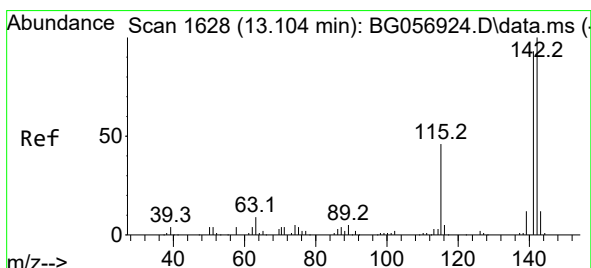
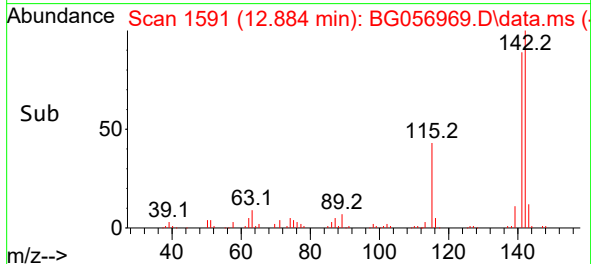
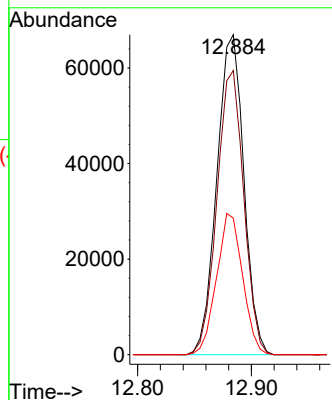
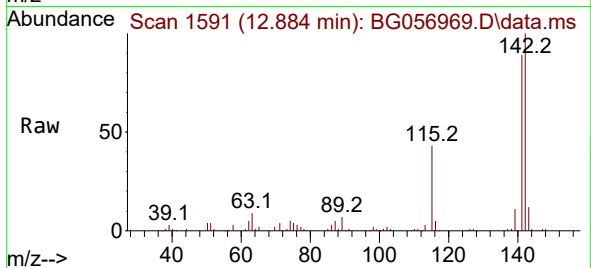
Tgt Ion:142 Resp: 110511

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

115 42.6 33.5 50.3



#38

1-Methylnaphthalene

Concen: 39.480 ng

RT: 13.096 min Scan# 1627

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

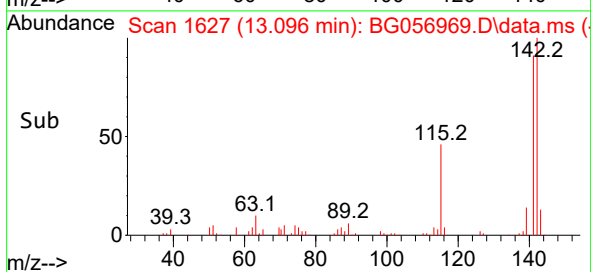
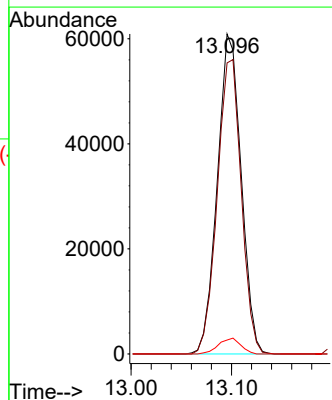
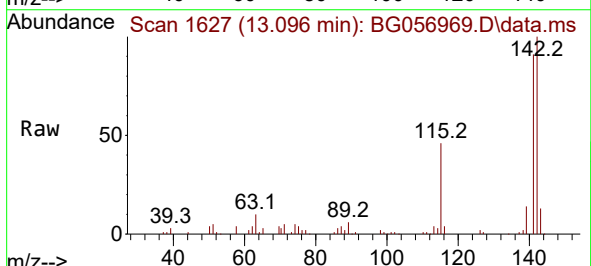
Tgt Ion:142 Resp: 100330

Ion Ratio Lower Upper

142 100

141 91.0 74.0 111.0

116 4.4 3.7 5.5

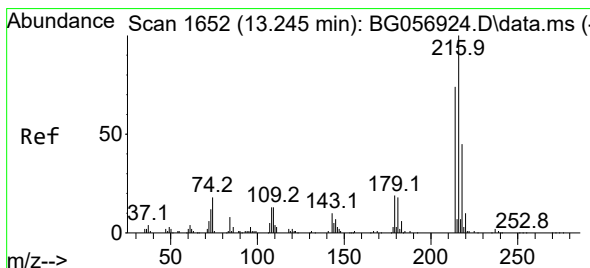
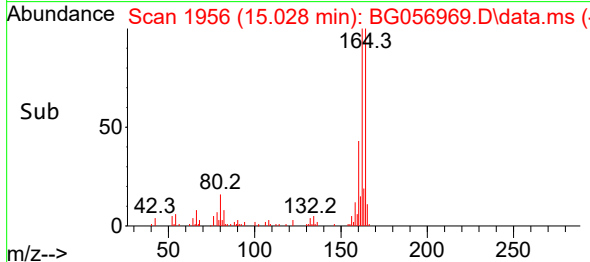
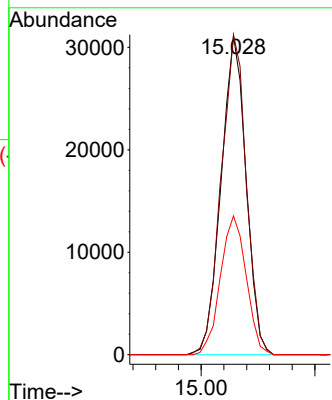
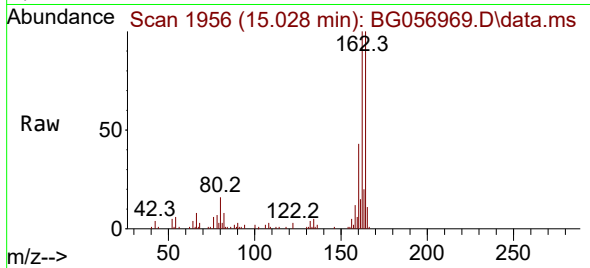




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

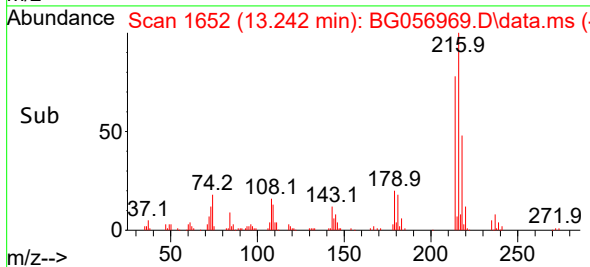
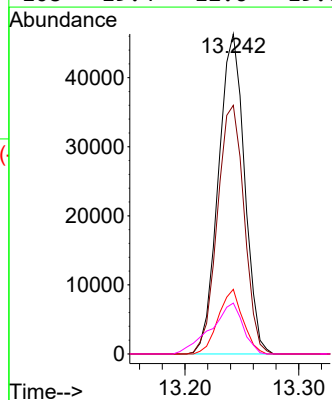
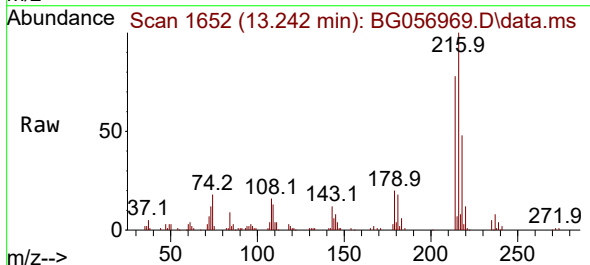
Instrument :
BNA_G
ClientSampleId :
PB151693BS

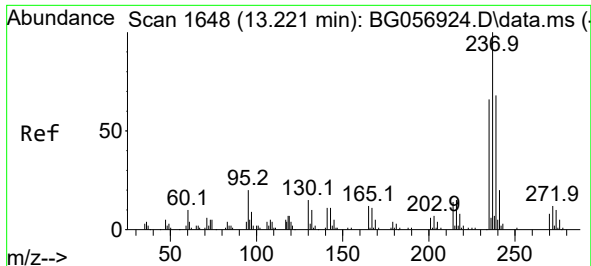
Tgt Ion:164 Resp: 47287
Ion Ratio Lower Upper
164 100
162 100.4 77.8 116.8
160 43.5 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.090 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

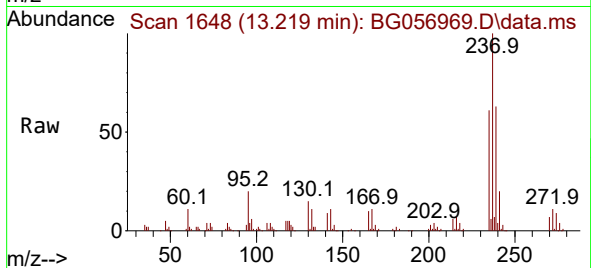
Tgt Ion:216 Resp: 73937
Ion Ratio Lower Upper
216 100
214 79.4 63.3 94.9
179 19.0 15.0 22.6
108 19.4 12.6 19.0#



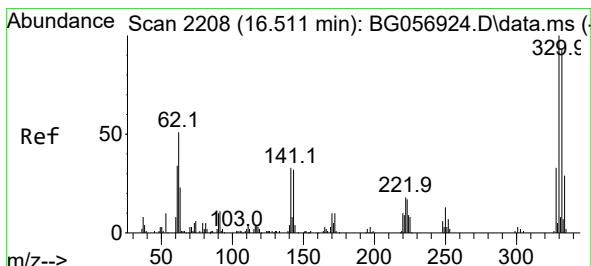
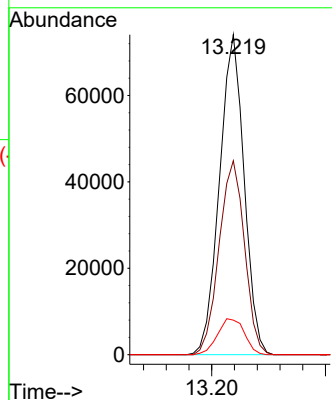
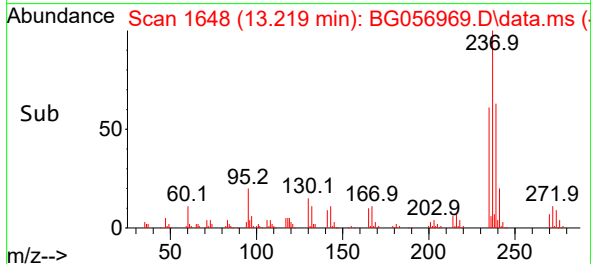


#41
Hexachlorocyclopentadiene
Concen: 123.272 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

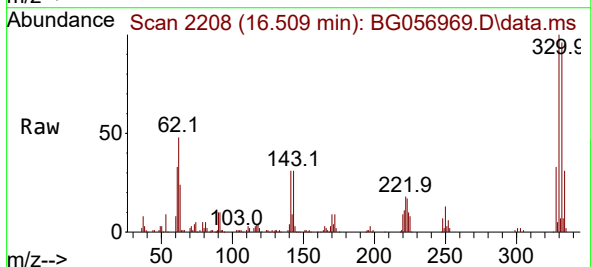
Instrument :
BNA_G
ClientSampleId :
PB151693BS



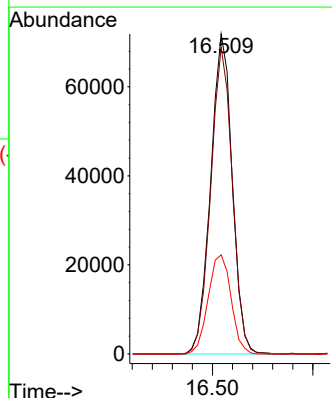
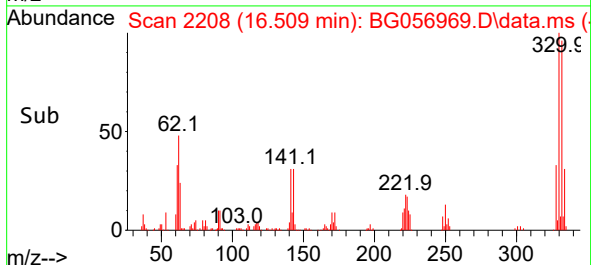
Tgt Ion:237 Resp: 111373
Ion Ratio Lower Upper
237 100
235 60.6 45.9 85.9
272 10.8 0.0 32.3

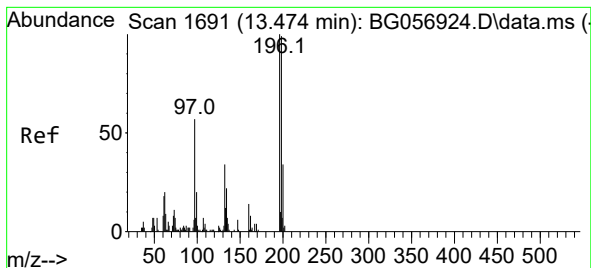


#42
2,4,6-Tribromophenol
Concen: 141.817 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28



Tgt Ion:330 Resp: 107132
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 32.9 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 45.252 ng

RT: 13.472 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

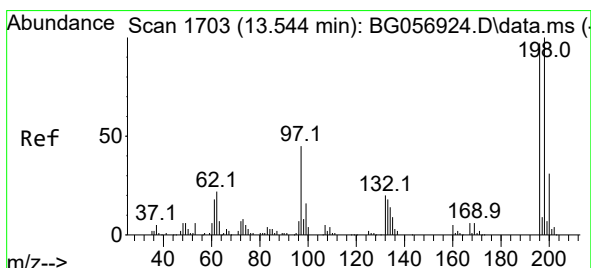
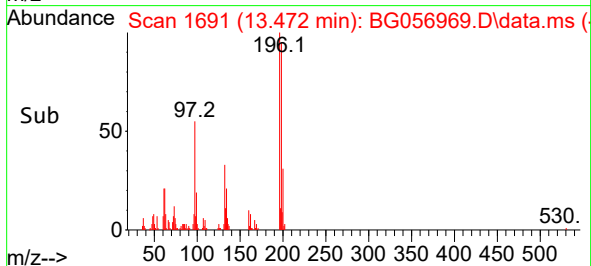
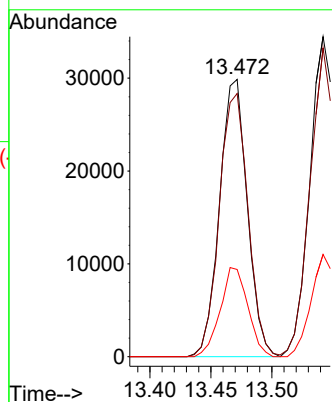
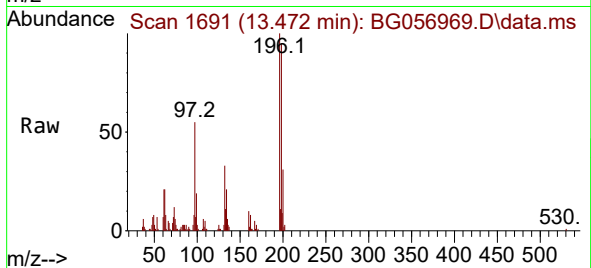
Tgt Ion:196 Resp: 47352

Ion Ratio Lower Upper

196 100

198 94.9 79.1 118.7

200 31.4 27.2 40.8



#44

2,4,5-Trichlorophenol

Concen: 43.230 ng

RT: 13.542 min Scan# 1703

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Tgt Ion:196 Resp: 53589

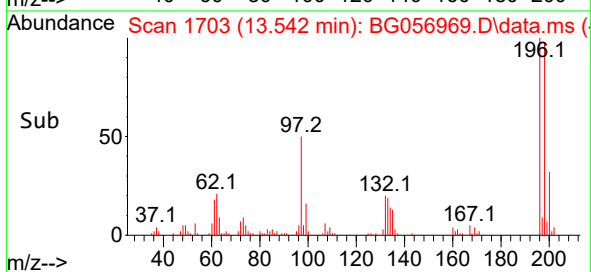
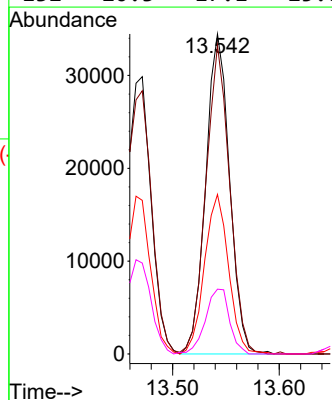
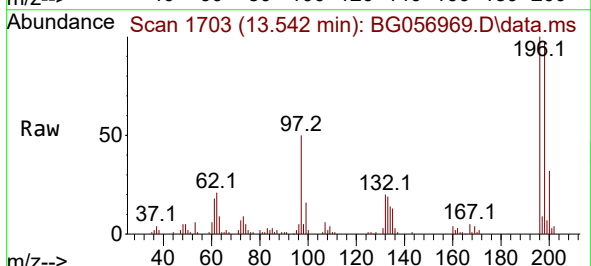
Ion Ratio Lower Upper

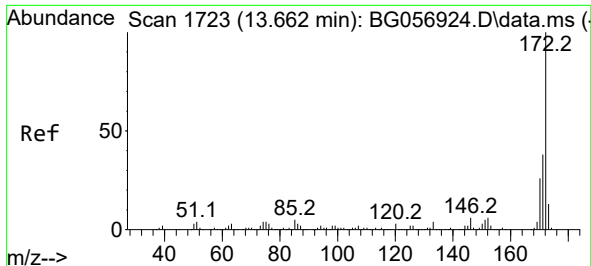
196 100

198 96.5 82.5 123.7

97 49.9 37.0 55.6

132 20.3 17.1 25.7

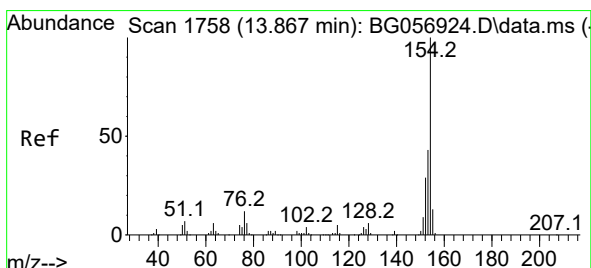
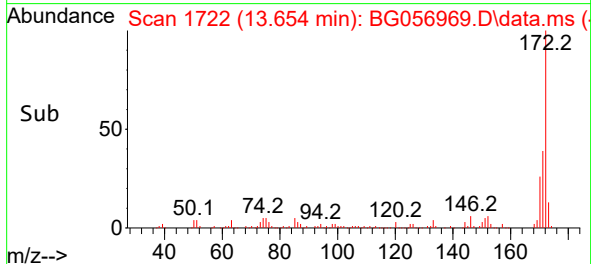
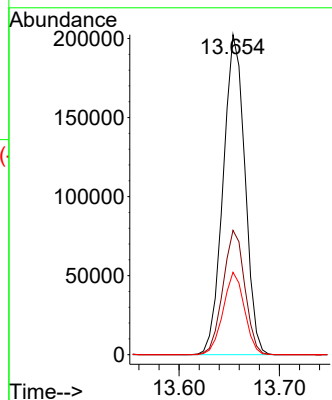
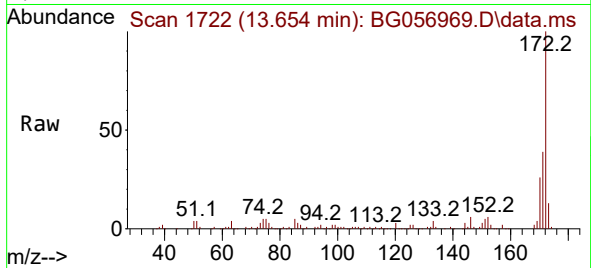




#45
2-Fluorobiphenyl
Concen: 87.457 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

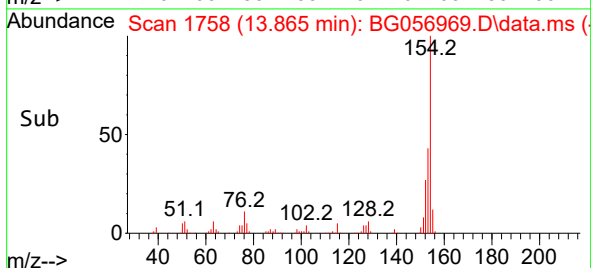
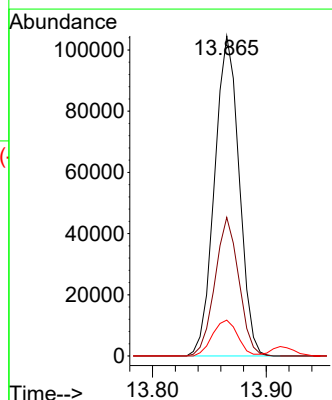
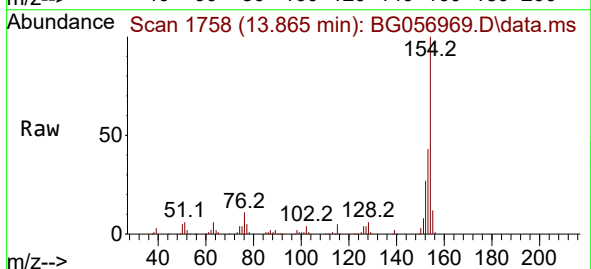
Instrument :
BNA_G
ClientSampleId :
PB151693BS

Tgt Ion:172 Resp: 304980
Ion Ratio Lower Upper
172 100
171 38.8 30.6 46.0
170 25.7 20.6 30.8



#46
1,1'-Biphenyl
Concen: 45.350 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:154 Resp: 156981
Ion Ratio Lower Upper
154 100
153 43.3 23.4 63.4
76 11.2 0.0 31.6

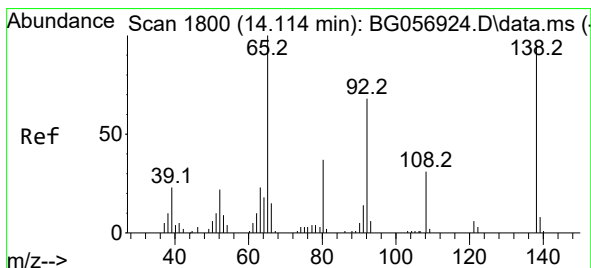
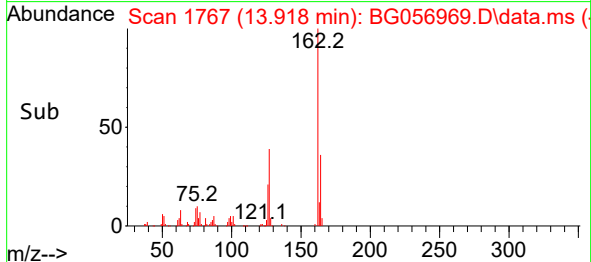
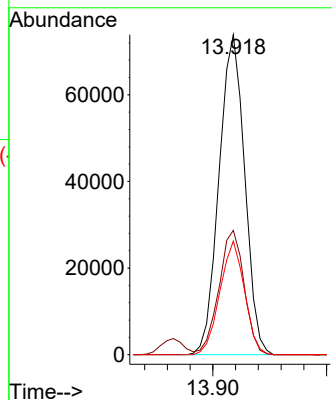
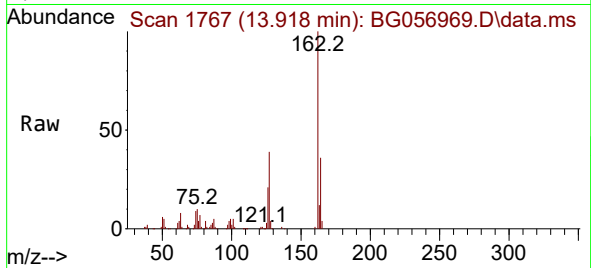




#47
2-Chloronaphthalene
Concen: 45.181 ng
RT: 13.918 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

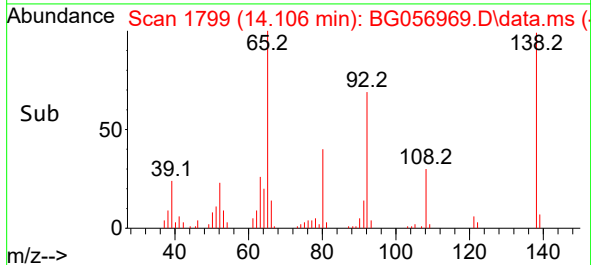
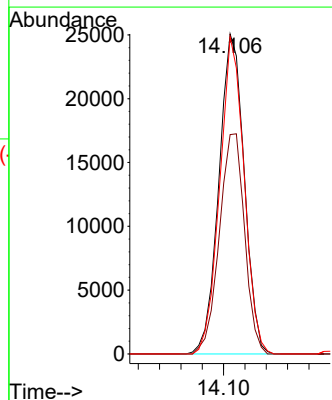
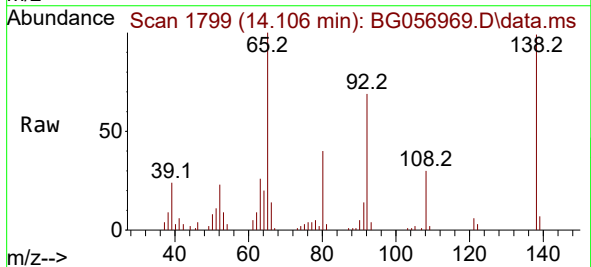
Instrument :
BNA_G
ClientSampleId :
PB151693BS

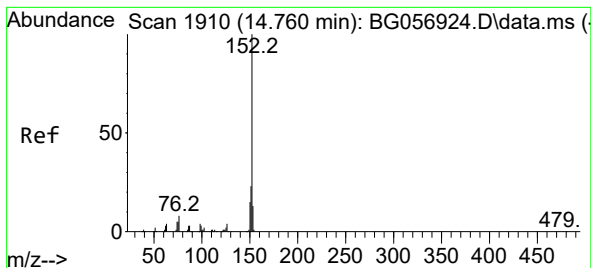
Tgt Ion:162 Resp: 115671
Ion Ratio Lower Upper
162 100
127 38.9 29.5 44.3
164 35.5 25.5 38.3



#48
2-Nitroaniline
Concen: 45.020 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 65 Resp: 41213
Ion Ratio Lower Upper
65 100
92 68.6 54.3 81.5
138 99.1 76.0 114.0





#49

Acenaphthylene

Concen: 43.810 ng

RT: 14.758 min Scan# 1910

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

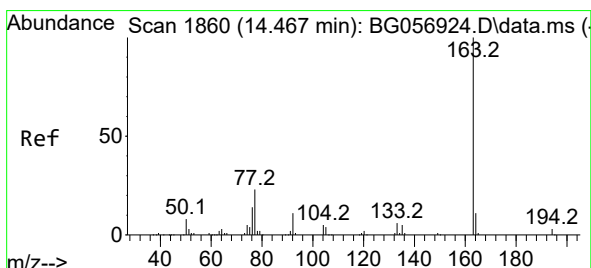
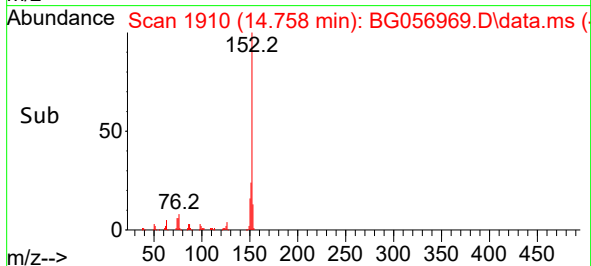
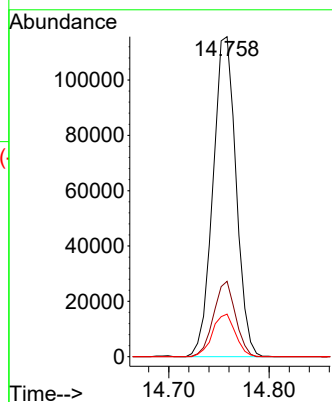
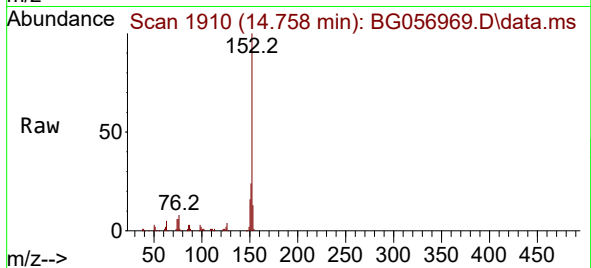
Tgt Ion:152 Resp: 184280

Ion Ratio Lower Upper

152 100

151 23.6 18.2 27.2

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 43.427 ng

RT: 14.464 min Scan# 1860

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

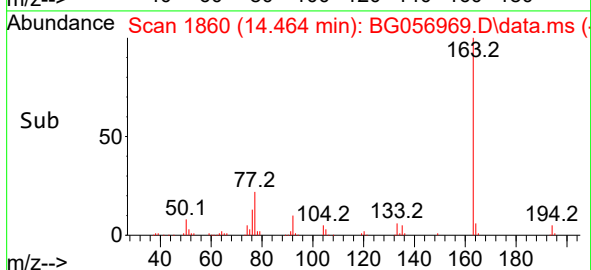
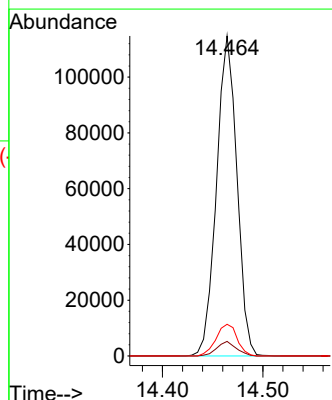
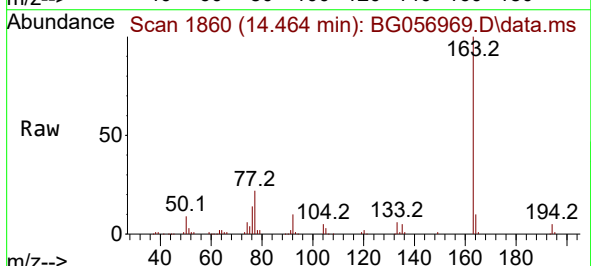
Tgt Ion:163 Resp: 161804

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

164 9.9 8.8 13.2

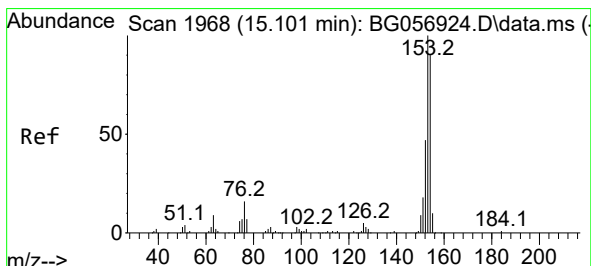
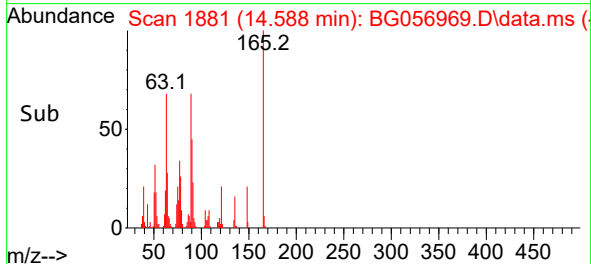
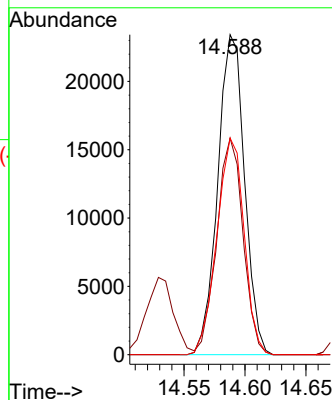
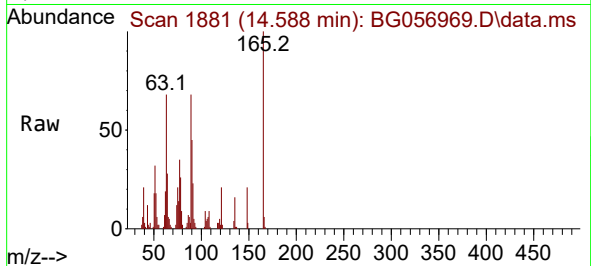




#51
2,6-Dinitrotoluene
Concen: 44.589 ng
RT: 14.588 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

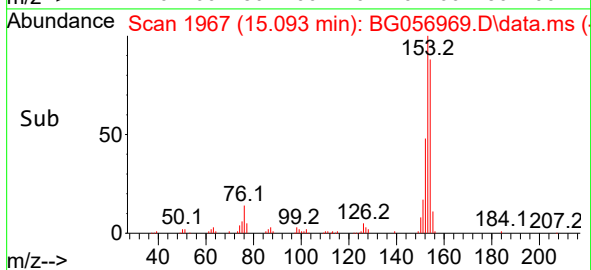
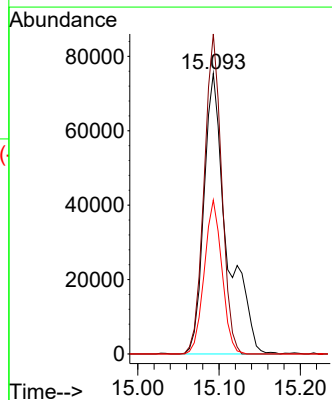
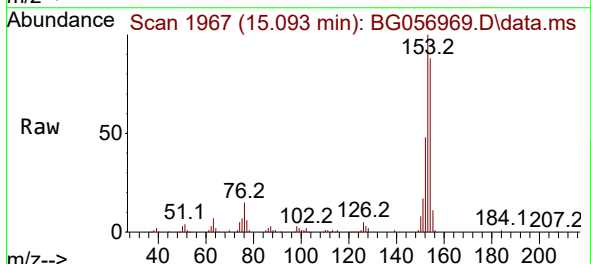
Instrument :
BNA_G
ClientSampleId :
PB151693BS

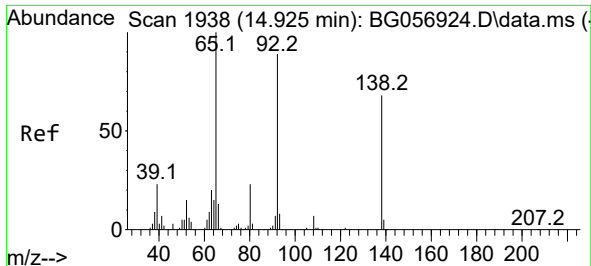
Tgt Ion:165 Resp: 35895
Ion Ratio Lower Upper
165 100
63 67.7 53.0 79.6
89 67.6 51.0 76.4



#52
Acenaphthene
Concen: 51.115 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:154 Resp: 148287
Ion Ratio Lower Upper
154 100
153 114.1 88.9 133.3
152 54.9 41.8 62.8

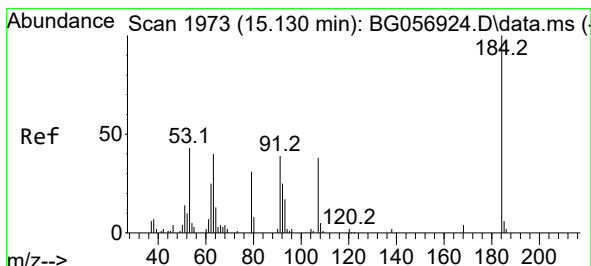
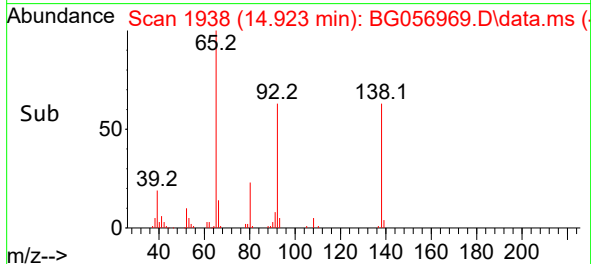
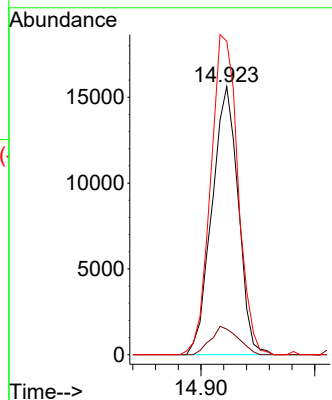
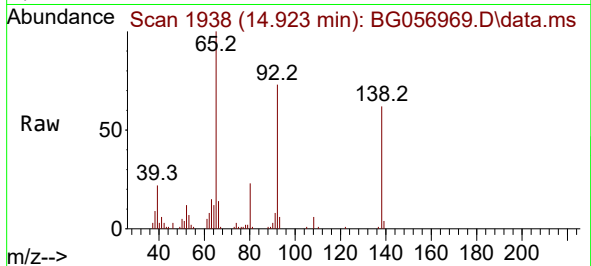




#53
3-Nitroaniline
Concen: 31.458 ng
RT: 14.923 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

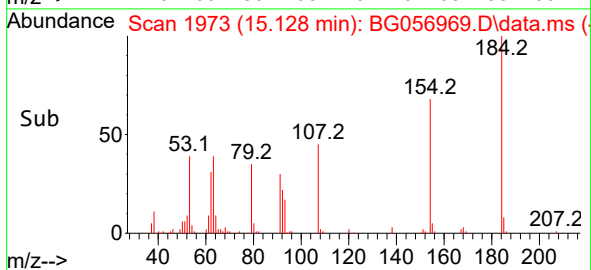
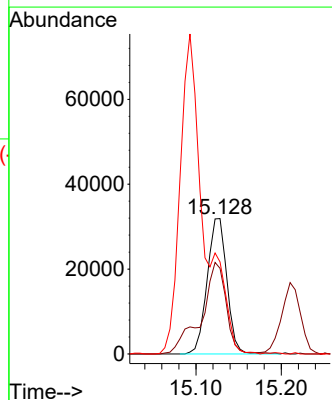
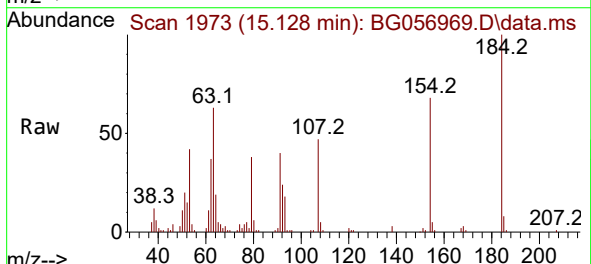
Instrument :
BNA_G
ClientSampleId :
PB151693BS

Tgt Ion:138 Resp: 25066
Ion Ratio Lower Upper
138 100
108 9.5 8.2 12.2
92 116.9 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 113.307 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

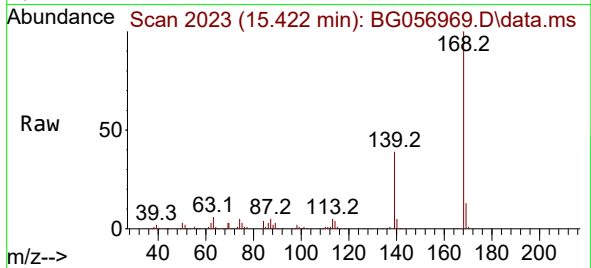
Tgt Ion:184 Resp: 51341
Ion Ratio Lower Upper
184 100
63 63.2 46.5 69.7
154 68.0 53.5 80.3



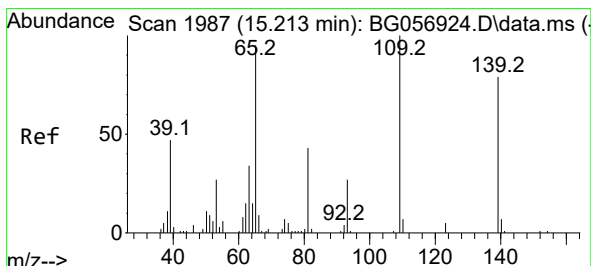
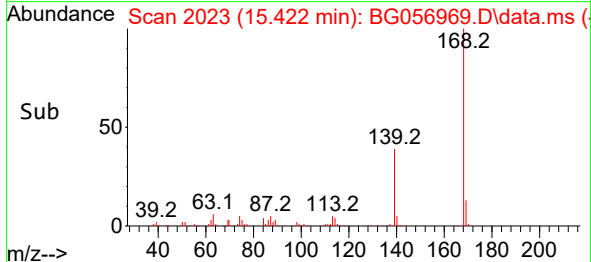
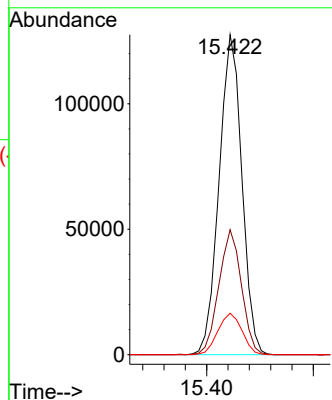


#55
Dibenzofuran
Concen: 43.372 ng
RT: 15.422 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Instrument :
BNA_G
ClientSampleId :
PB151693BS

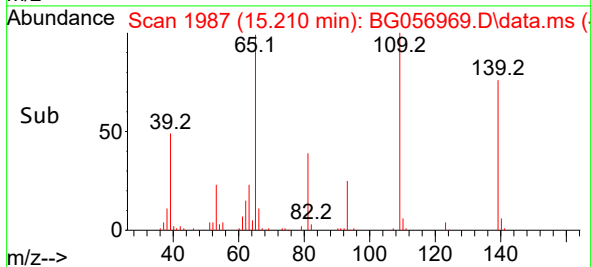
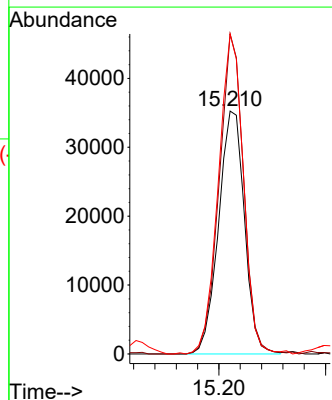
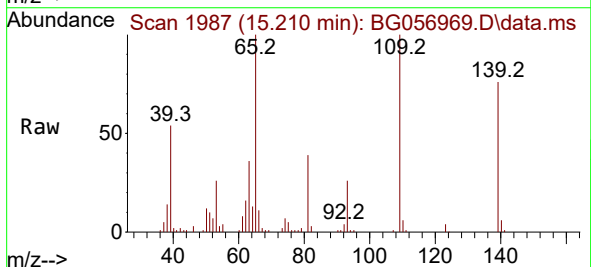


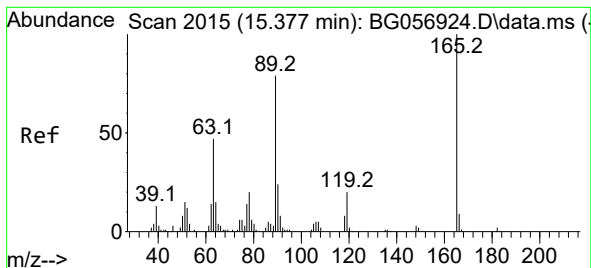
Tgt Ion:168 Resp: 188846
Ion Ratio Lower Upper
168 100
139 39.1 28.9 43.3
169 12.9 9.8 14.6



#56
4-Nitrophenol
Concen: 100.788 ng
RT: 15.210 min Scan# 1987
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:139 Resp: 59386
Ion Ratio Lower Upper
139 100
109 131.7 106.7 146.7
65 131.7 100.5 140.5

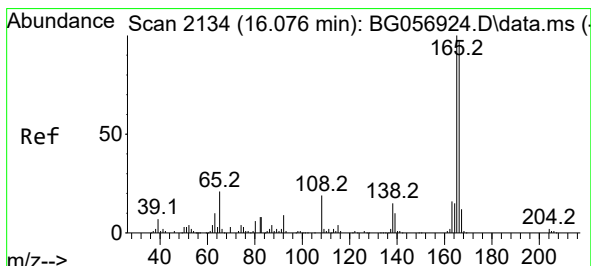
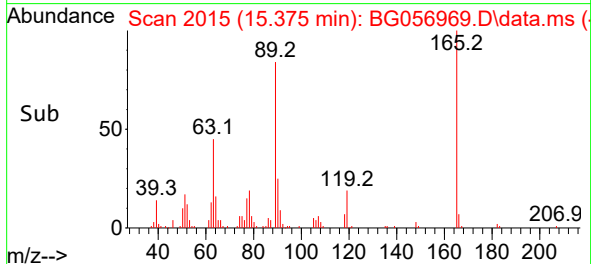
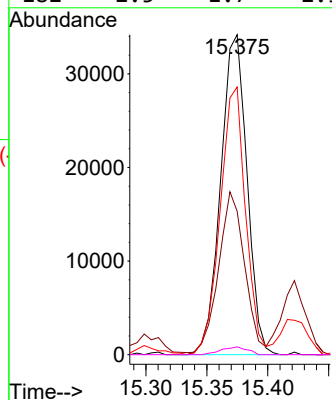
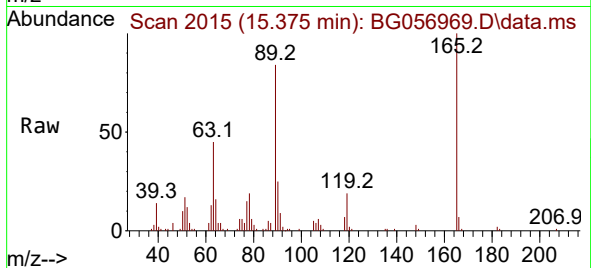




#57
2,4-Dinitrotoluene
Concen: 45.256 ng
RT: 15.375 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

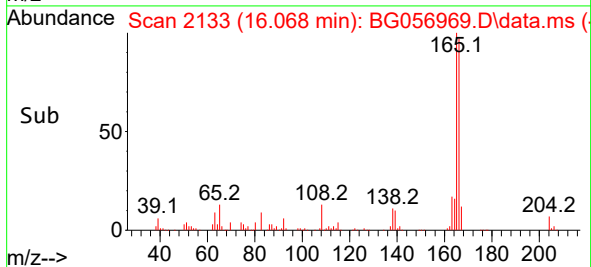
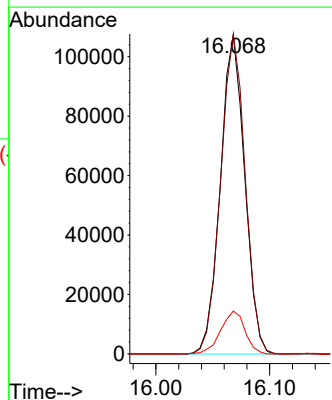
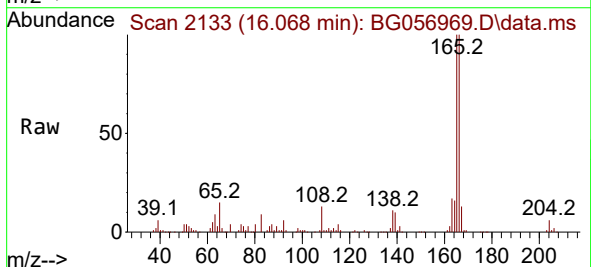
Instrument :
BNA_G
ClientSampleId :
PB151693BS

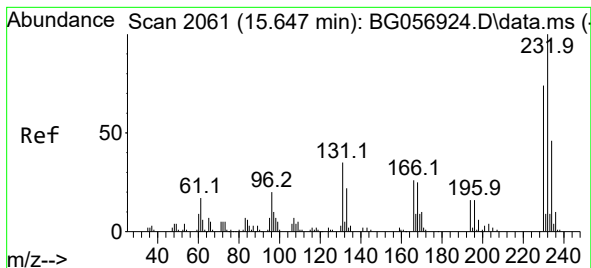
Tgt Ion:165 Resp: 51383
Ion Ratio Lower Upper
165 100
63 44.8 37.7 56.5
89 83.7 63.2 94.8
182 2.5 1.7 2.5



#58
Fluorene
Concen: 44.299 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:166 Resp: 159608
Ion Ratio Lower Upper
166 100
165 100.4 82.6 123.8
167 13.4 10.2 15.2

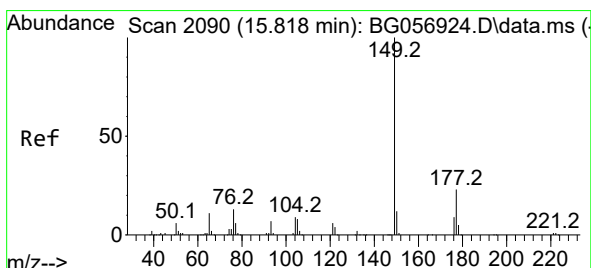
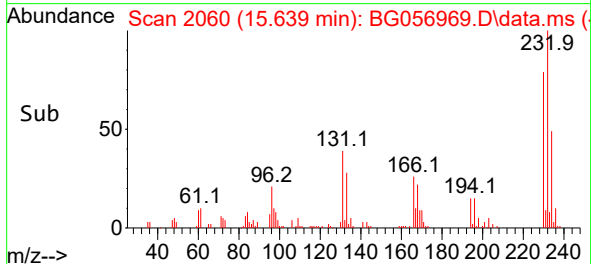
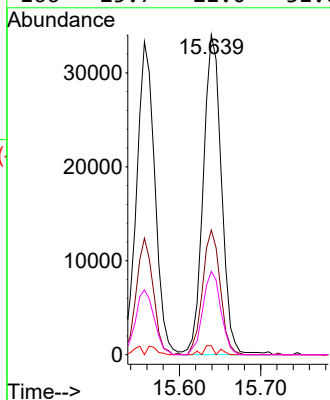
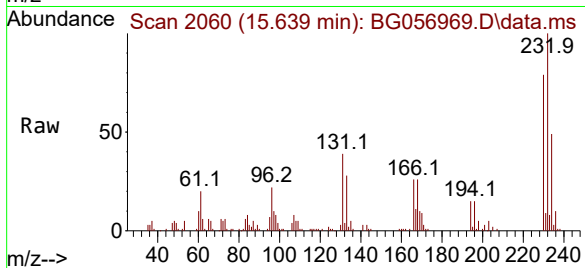




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.011 ng
RT: 15.639 min Scan# 2060
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

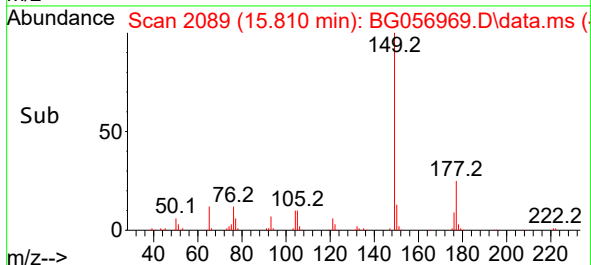
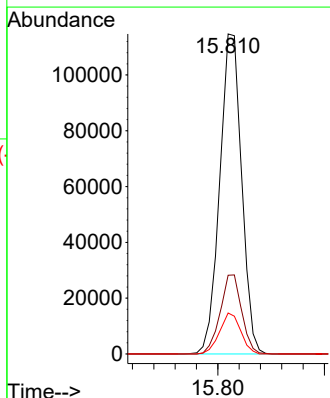
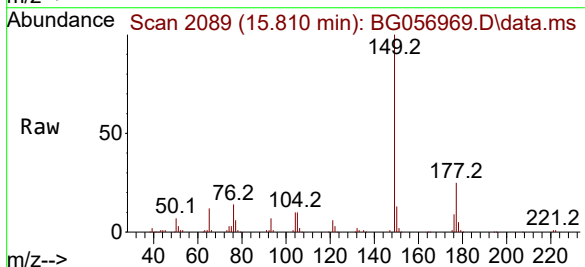
Instrument :
BNA_G
ClientSampleId :
PB151693BS

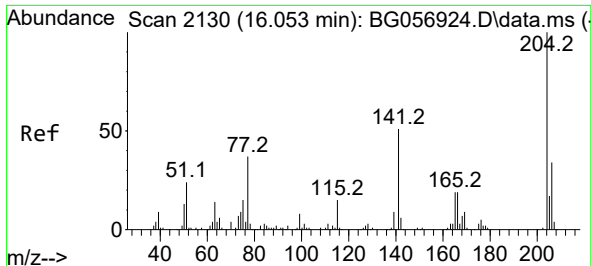
Tgt Ion:232 Resp: 53060
Ion Ratio Lower Upper
232 100
131 37.7 29.3 43.9
130 2.1 1.7 2.5
166 25.7 21.0 31.6



#60
Diethylphthalate
Concen: 43.761 ng
RT: 15.810 min Scan# 2089
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:149 Resp: 163456
Ion Ratio Lower Upper
149 100
177 24.6 18.8 28.2
150 12.8 9.4 14.2

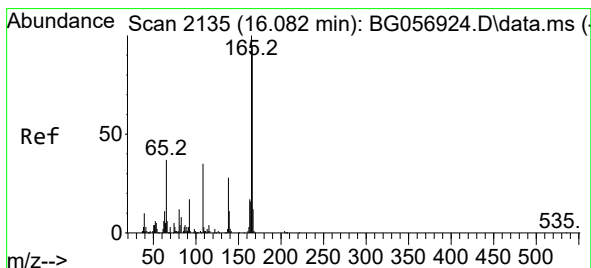
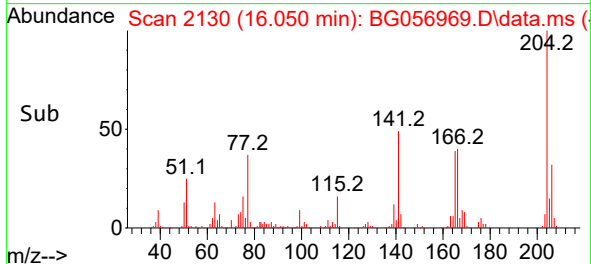
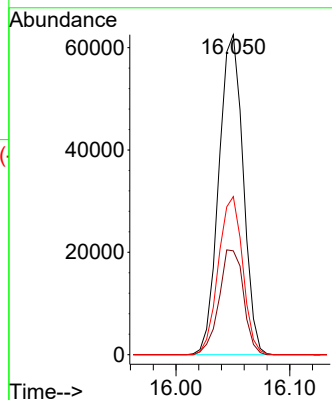
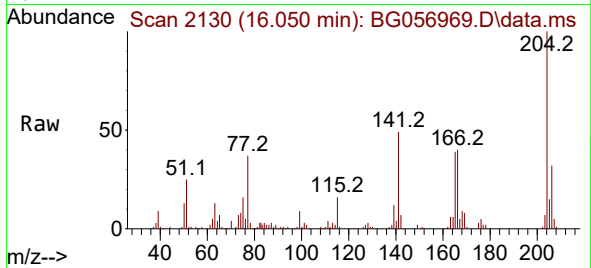




#61
4-Chlorophenyl-phenylether
Concen: 43.890 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

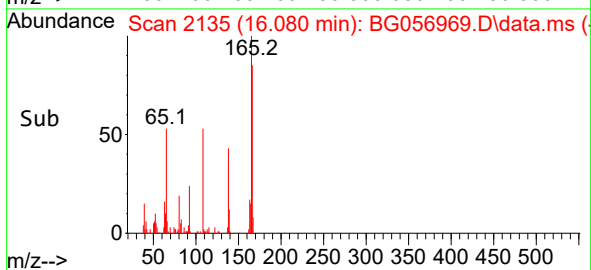
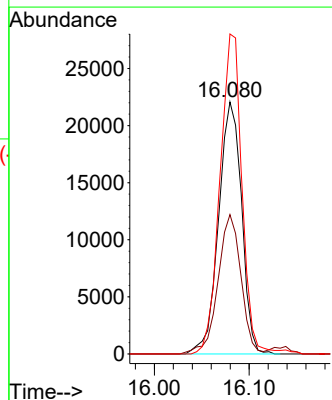
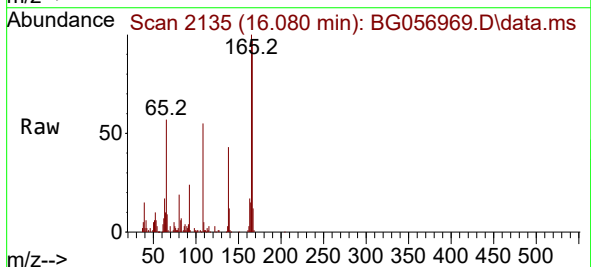
Instrument :
BNA_G
ClientSampleId :
PB151693BS

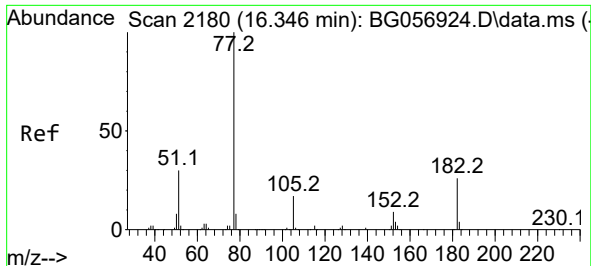
Tgt Ion:204 Resp: 92845
Ion Ratio Lower Upper
204 100
206 32.5 27.2 40.8
141 49.4 40.7 61.1



#62
4-Nitroaniline
Concen: 45.097 ng
RT: 16.080 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:138 Resp: 37230
Ion Ratio Lower Upper
138 100
92 55.3 40.9 80.9
108 127.0 104.3 144.3

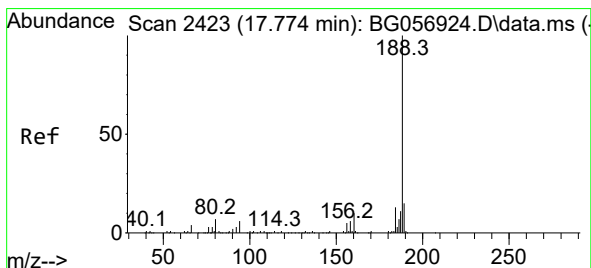
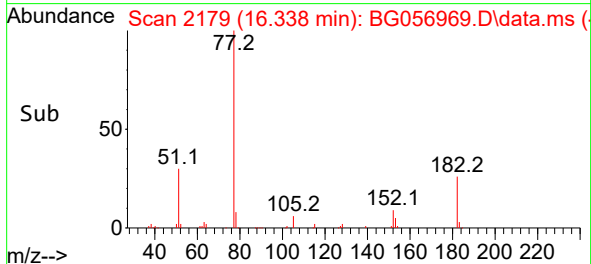
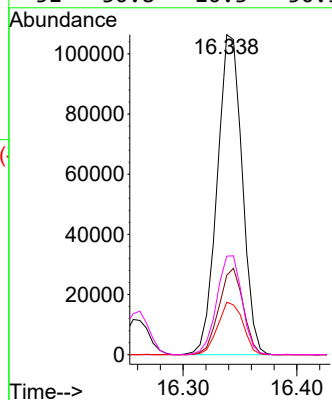
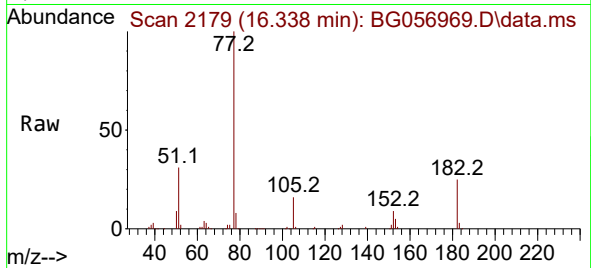




#63
Azobenzene
Concen: 43.554 ng
RT: 16.338 min Scan# 2180
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

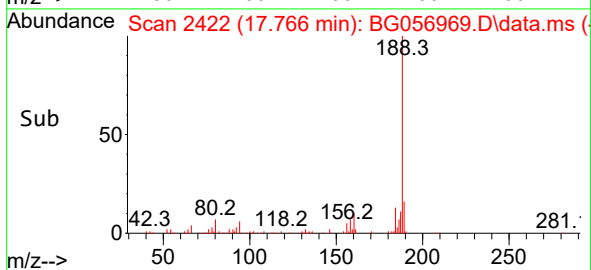
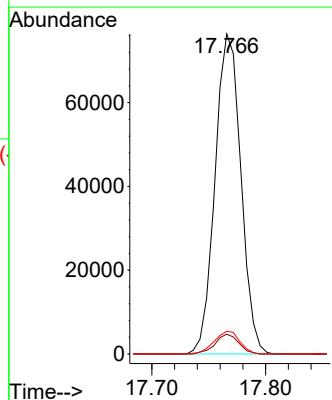
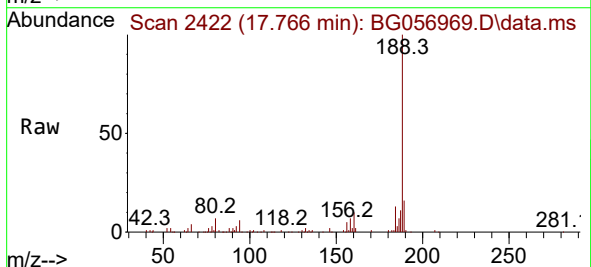
Instrument :
BNA_G
ClientSampleId :
PB151693BS

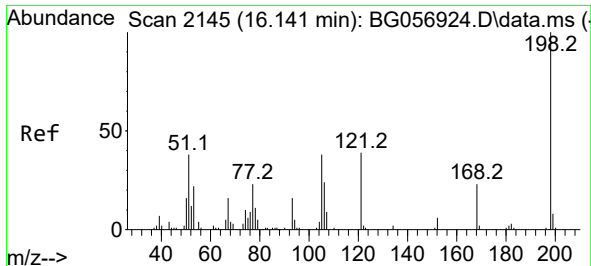
Tgt Ion: 77 Resp: 162126
Ion Ratio Lower Upper
77 100
182 24.8 5.9 45.9
105 16.4 0.0 36.8
51 30.8 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion: 188 Resp: 120521
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 7.1 5.5 8.3

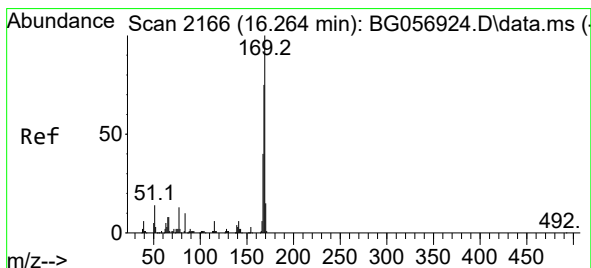
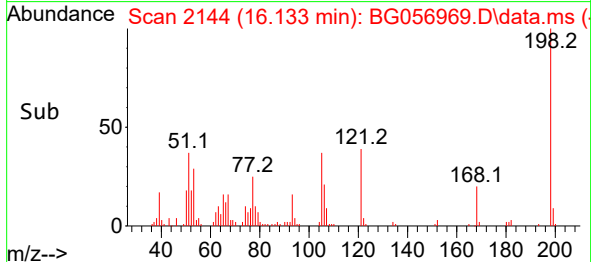
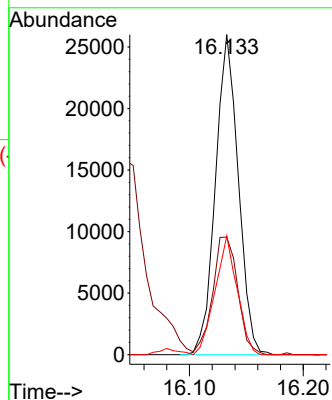
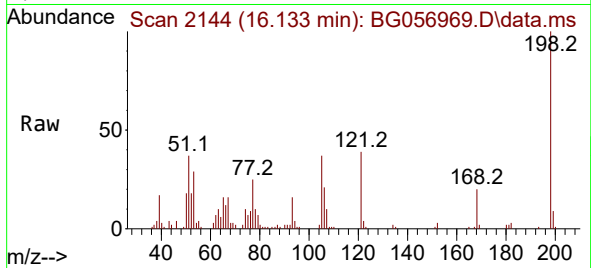




#65
4,6-Dinitro-2-methylphenol
Concen: 49.632 ng
RT: 16.133 min Scan# 2145
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

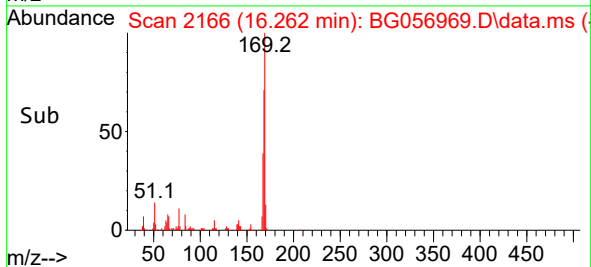
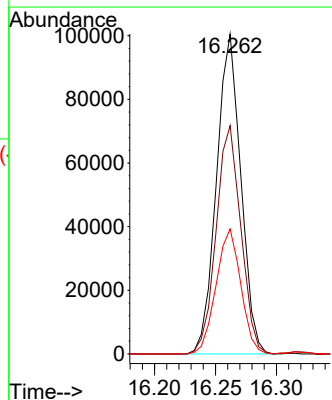
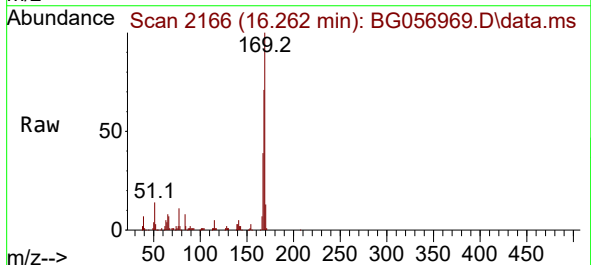
Instrument :
BNA_G
ClientSampleId :
PB151693BS

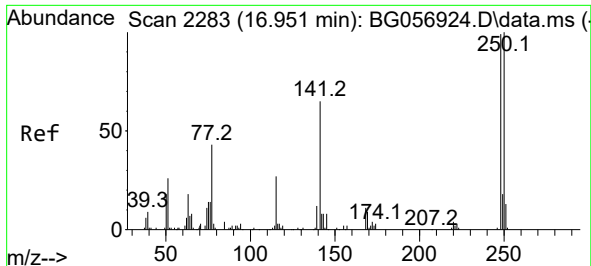
Tgt Ion:198 Resp: 36228
Ion Ratio Lower Upper
198 100
51 36.8 20.5 60.5
105 37.1 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 43.143 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:169 Resp: 139579
Ion Ratio Lower Upper
169 100
168 71.3 59.6 89.4
167 39.1 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 41.255 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

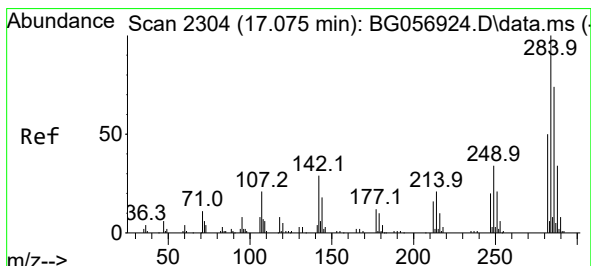
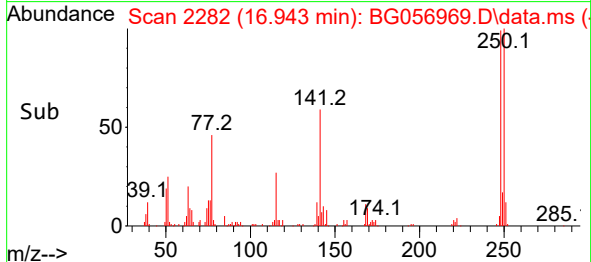
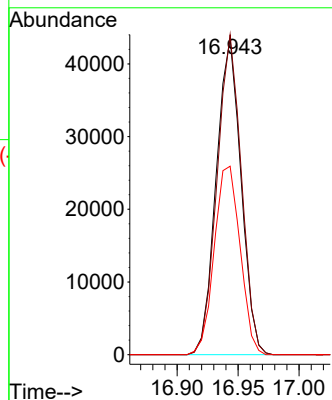
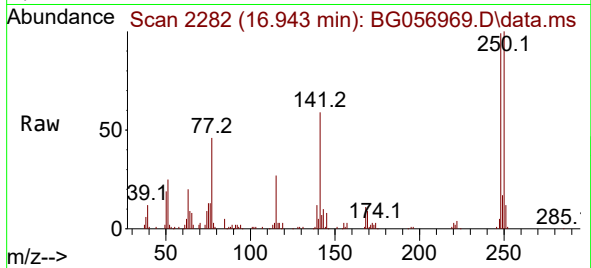
Instrument :

BNA_G

ClientSampleId :

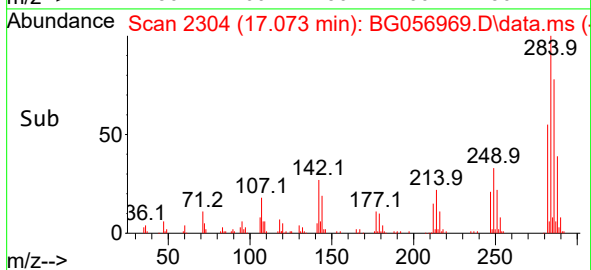
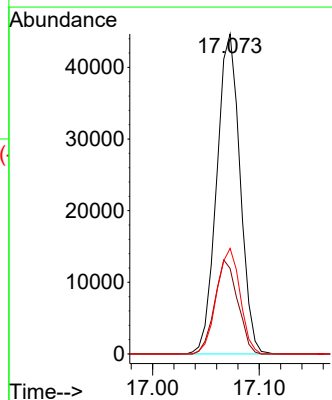
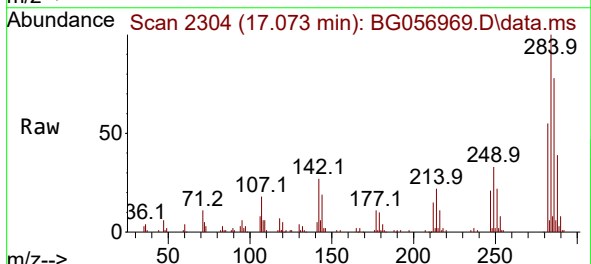
PB151693BS

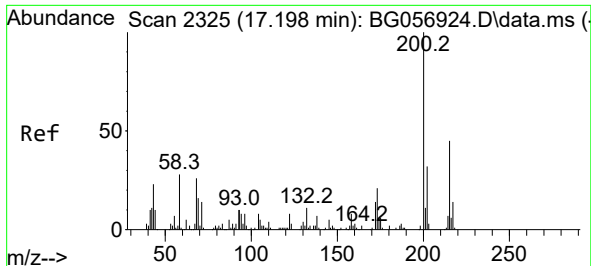
Tgt Ion:248 Resp: 61521
Ion Ratio Lower Upper
248 100
250 101.1 80.5 120.7
141 59.6 52.0 78.0



#68
Hexachlorobenzene
Concen: 45.967 ng
RT: 17.073 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:284 Resp: 67770
Ion Ratio Lower Upper
284 100
142 26.7 23.0 34.4
249 33.0 27.1 40.7

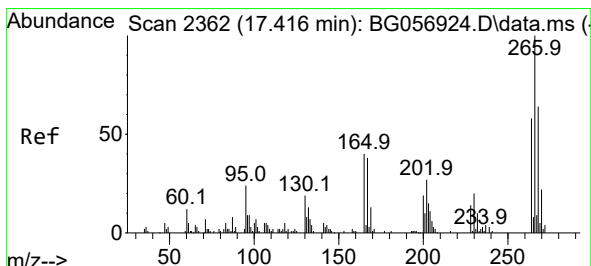
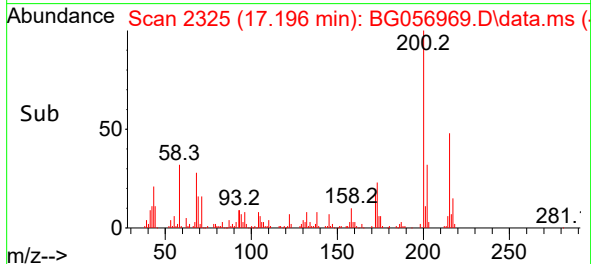
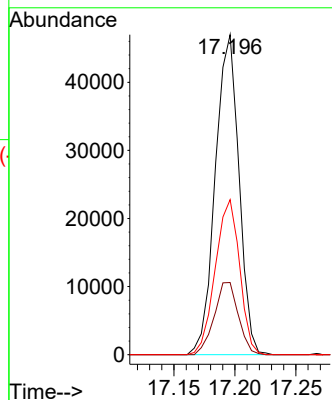
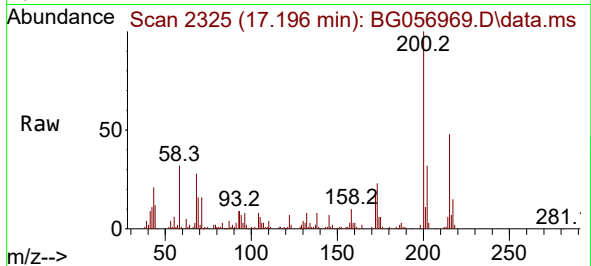




#69
 Atrazine
 Concen: 47.218 ng
 RT: 17.196 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

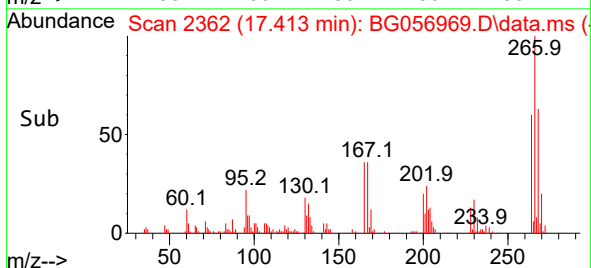
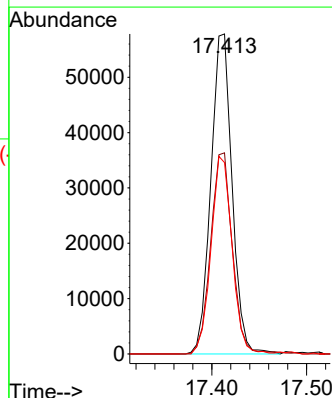
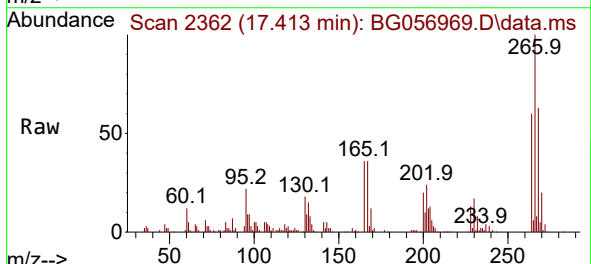
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

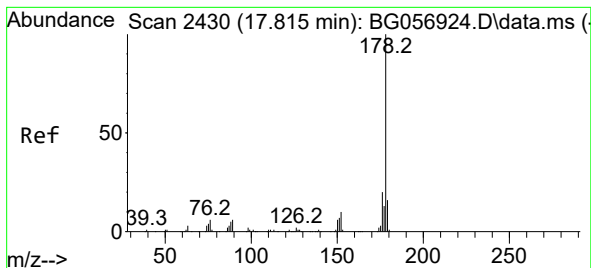
Tgt Ion:200 Resp: 63413
 Ion Ratio Lower Upper
 200 100
 173 22.6 1.0 41.0
 215 48.5 25.0 65.0



#70
 Pentachlorophenol
 Concen: 85.086 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.002 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

Tgt Ion:266 Resp: 89995
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 59.8 46.8 70.2





#71

Phenanthrene

Concen: 44.099 ng

RT: 17.813 min Scan# 2430

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

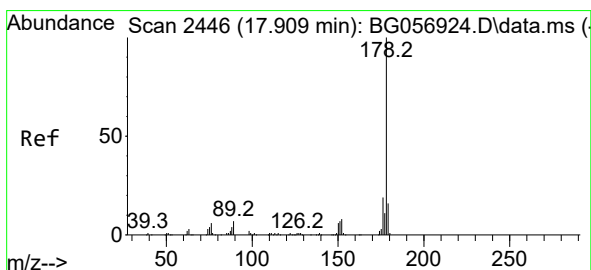
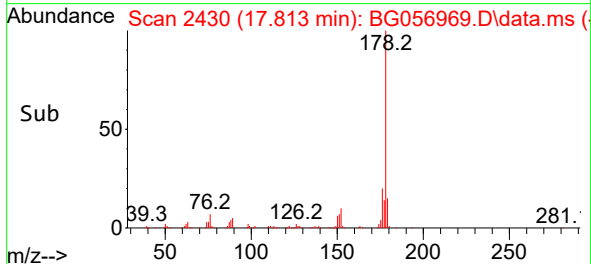
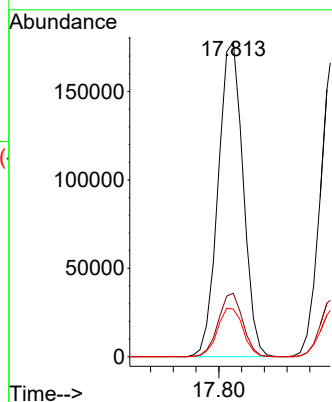
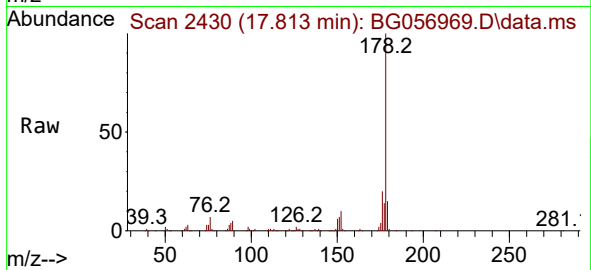
Tgt Ion:178 Resp: 270975

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 15.1 12.5 18.7



#72

Anthracene

Concen: 43.543 ng

RT: 17.901 min Scan# 2445

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

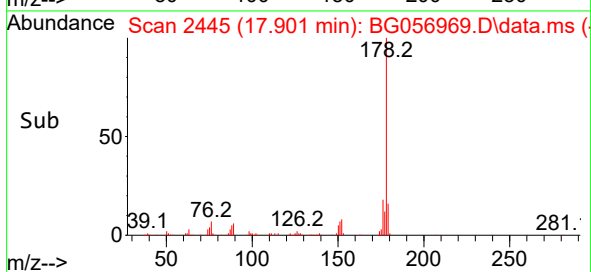
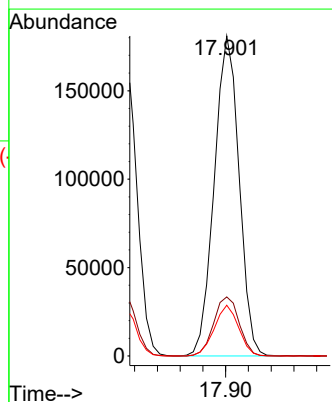
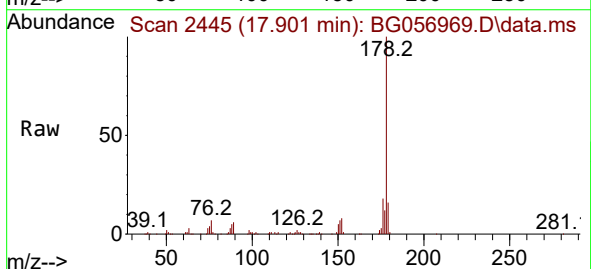
Tgt Ion:178 Resp: 274283

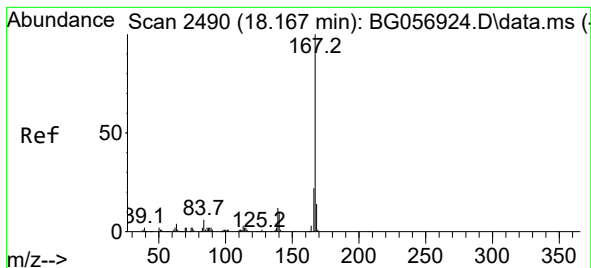
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

179 15.8 12.4 18.6





#73

Carbazole

Concen: 44.949 ng

RT: 18.165 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

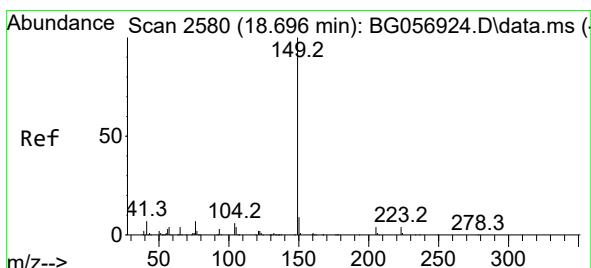
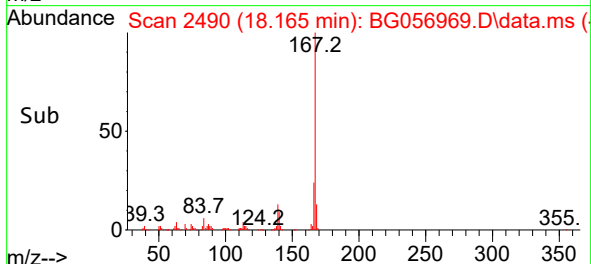
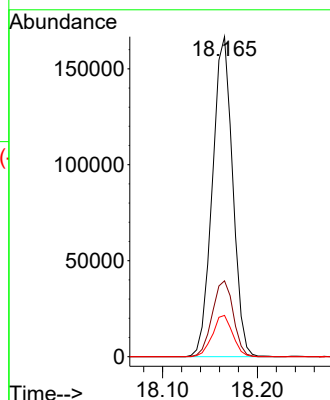
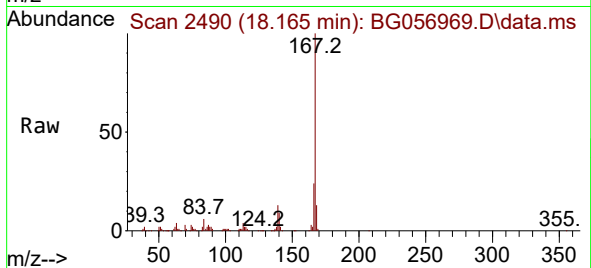
Tgt Ion:167 Resp: 246862

Ion Ratio Lower Upper

167 100

166 23.7 17.9 26.9

139 12.9 9.5 14.3



#74

Di-n-butylphthalate

Concen: 44.927 ng

RT: 18.688 min Scan# 2579

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

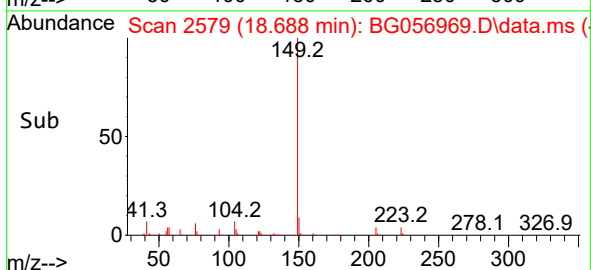
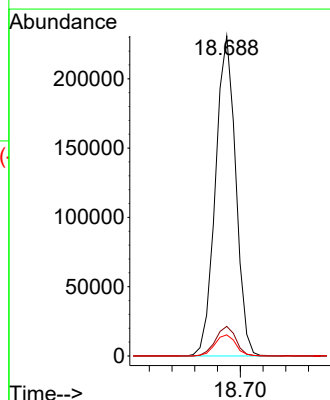
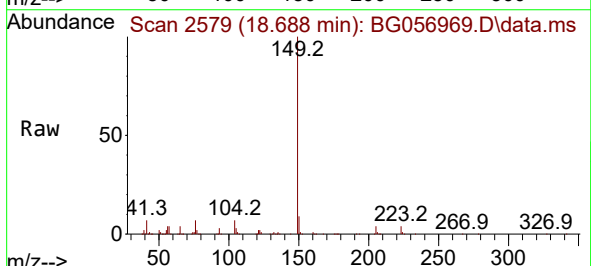
Tgt Ion:149 Resp: 285721

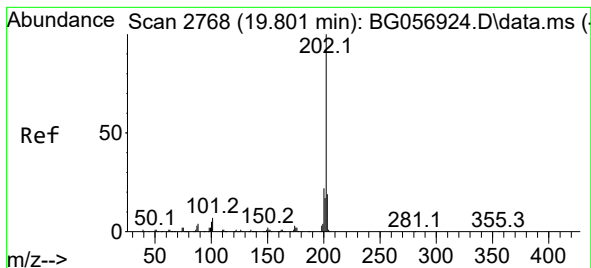
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.6 4.9 7.3





#75

Fluoranthene

Concen: 43.179 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

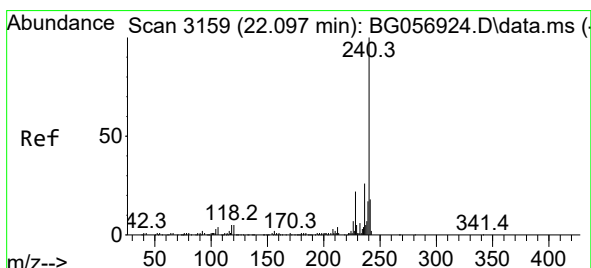
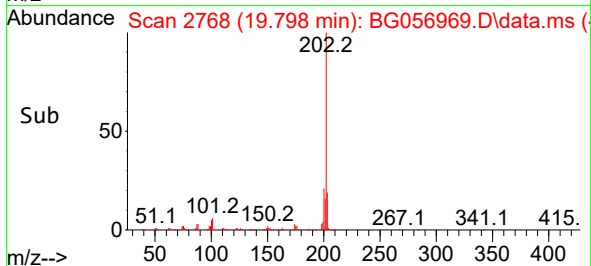
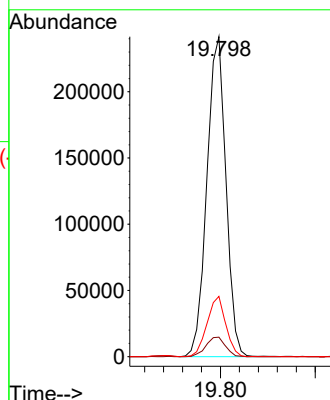
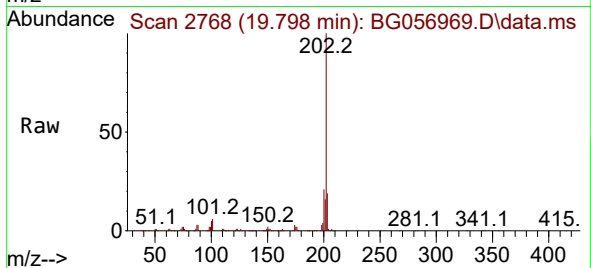
Tgt Ion:202 Resp: 336339

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.7

203 18.8 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.089 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

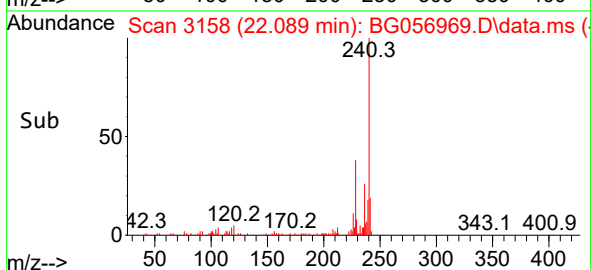
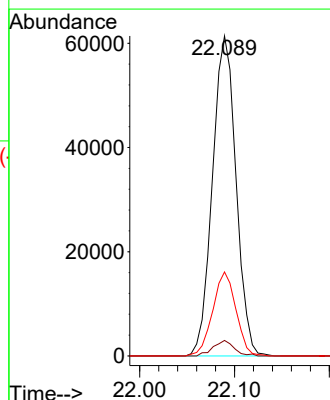
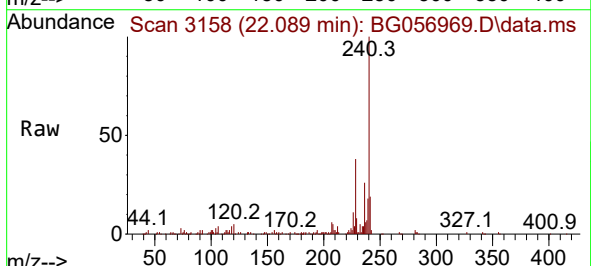
Tgt Ion:240 Resp: 106095

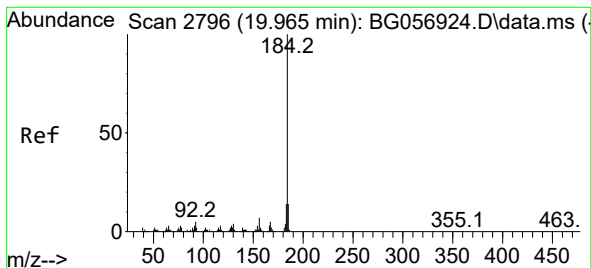
Ion Ratio Lower Upper

240 100

120 4.8 3.8 5.6

236 26.3 21.0 31.6





#77

Benzidine

Concen: 62.698 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

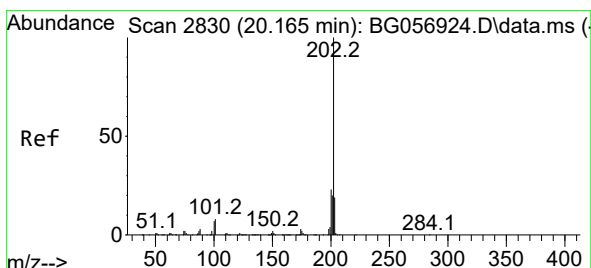
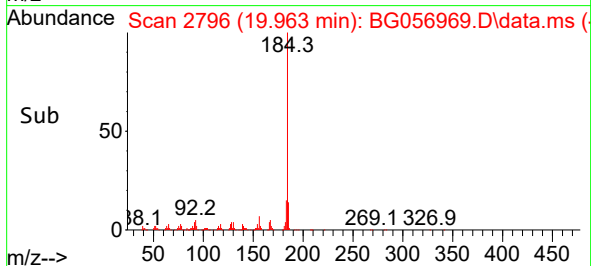
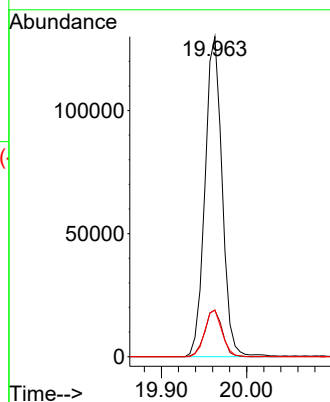
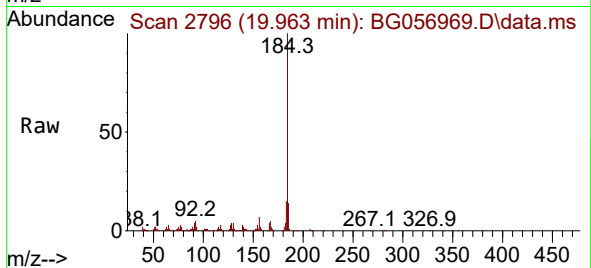
Tgt Ion:184 Resp: 181820

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.4

183 14.6 11.4 17.0



#78

Pyrene

Concen: 46.029 ng

RT: 20.157 min Scan# 2829

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

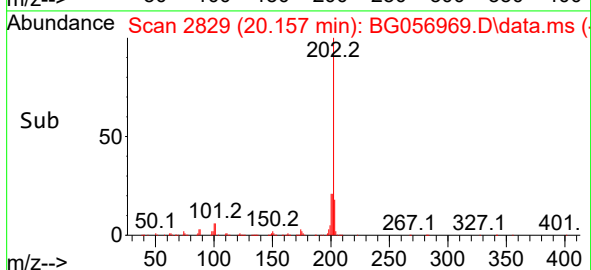
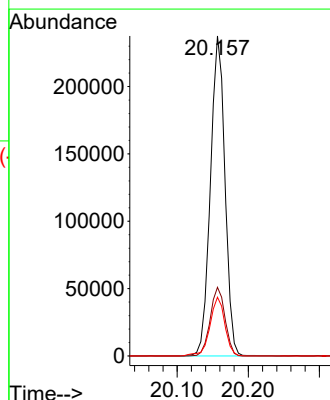
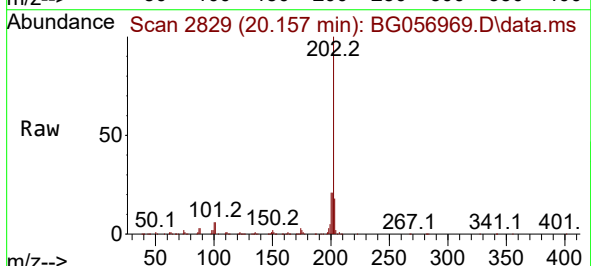
Tgt Ion:202 Resp: 337762

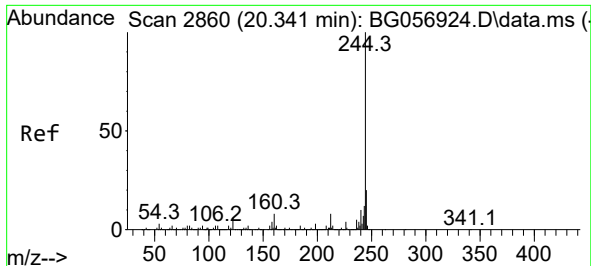
Ion Ratio Lower Upper

202 100

200 21.5 18.7 28.1

203 18.4 15.4 23.2

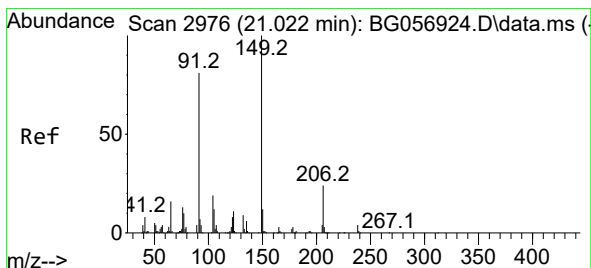
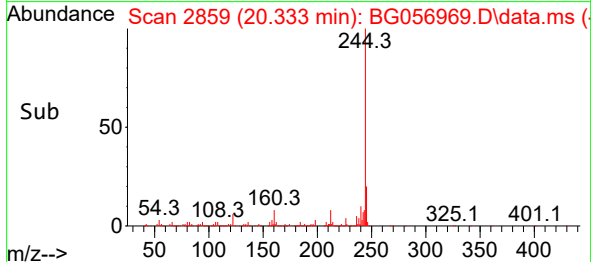
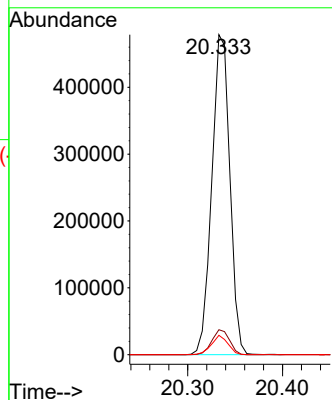
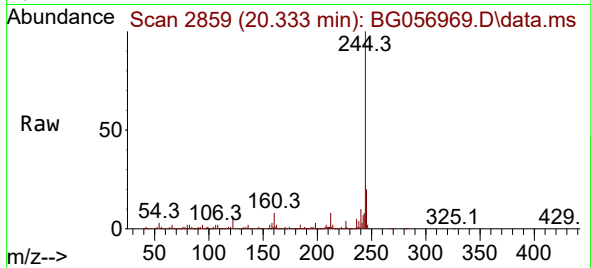




#79
 Terphenyl-d14
 Concen: 100.621 ng
 RT: 20.333 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

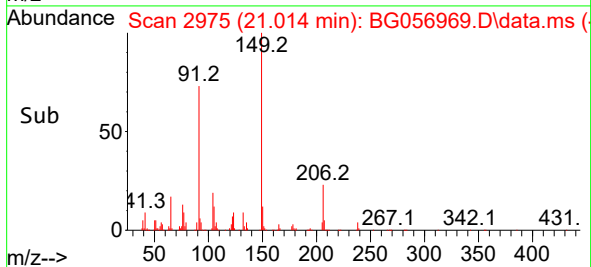
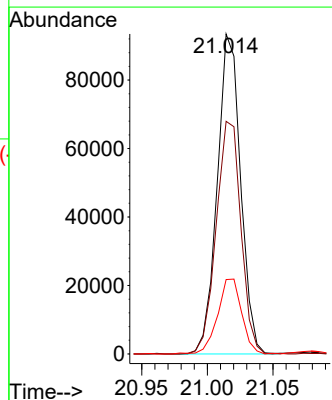
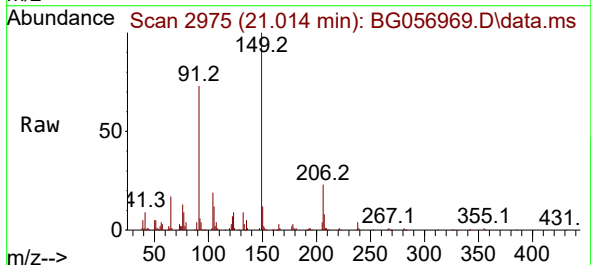
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

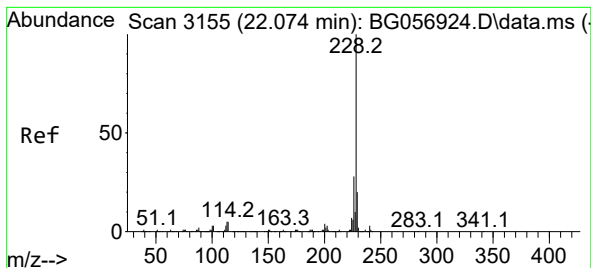
Tgt Ion:244 Resp: 630875
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 6.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 45.716 ng
 RT: 21.014 min Scan# 2975
 Delta R.T. -0.008 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

Tgt Ion:149 Resp: 115439
 Ion Ratio Lower Upper
 149 100
 91 72.7 64.4 96.6
 206 23.2 18.9 28.3





#81

Benzo(a)anthracene

Concen: 44.009 ng

RT: 22.066 min Scan# 3154

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

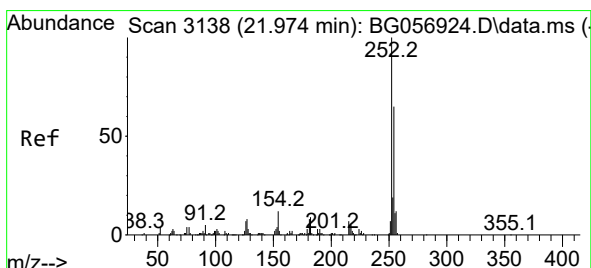
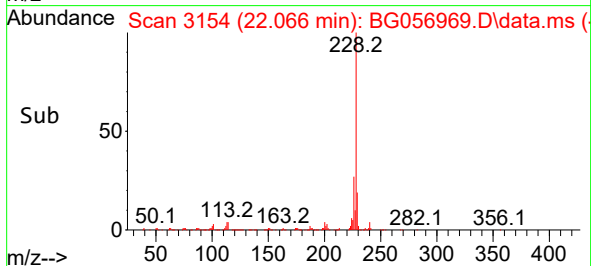
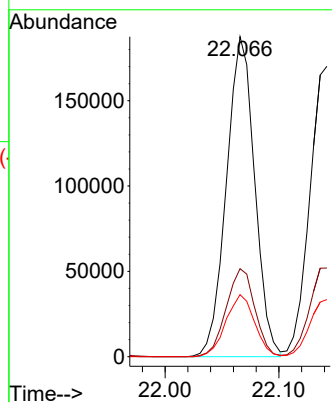
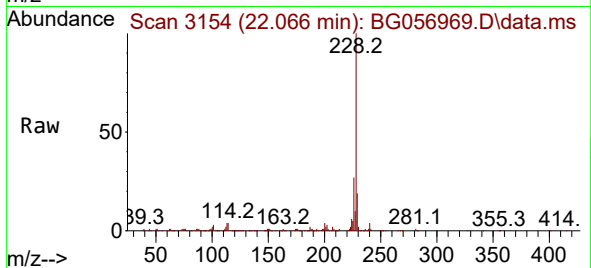
Tgt Ion:228 Resp: 323102

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 31.710 ng

RT: 21.960 min Scan# 3136

Delta R.T. -0.014 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

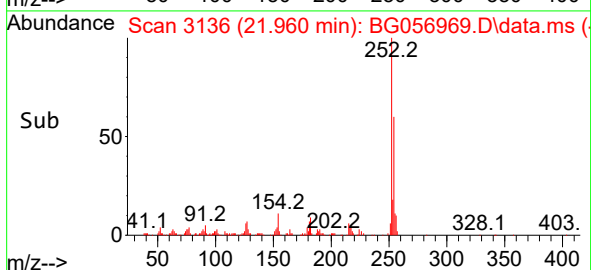
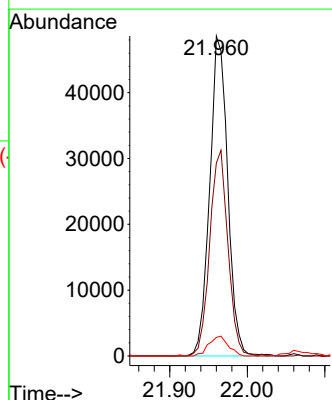
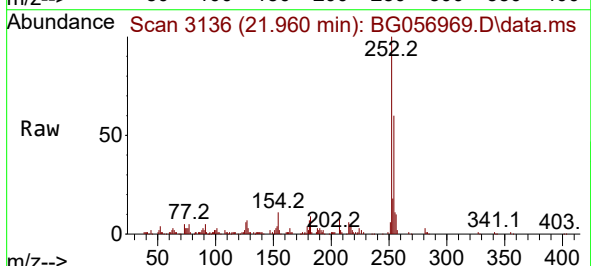
Tgt Ion:252 Resp: 78615

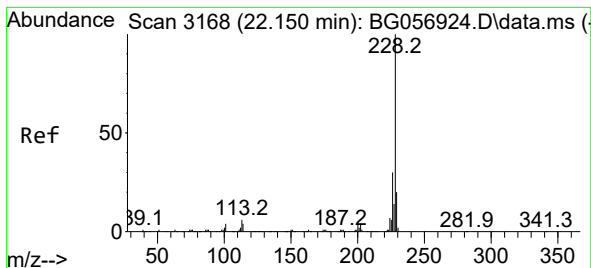
Ion Ratio Lower Upper

252 100

254 60.3 51.7 77.5

126 5.8 5.6 8.4





#83

Chrysene

Concen: 43.392 ng

RT: 22.142 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

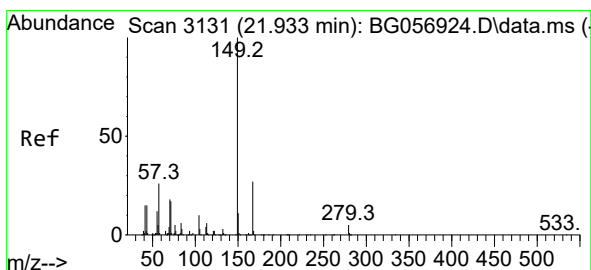
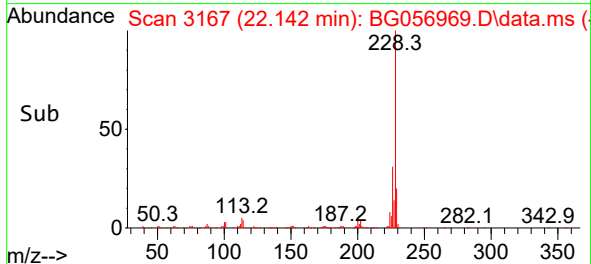
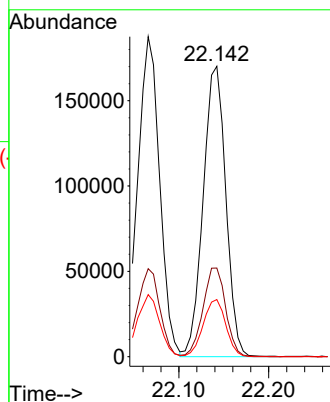
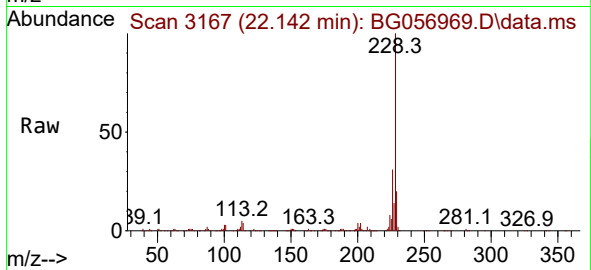
Tgt Ion:228 Resp: 298287

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.149 ng

RT: 21.925 min Scan# 3130

Delta R.T. -0.008 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

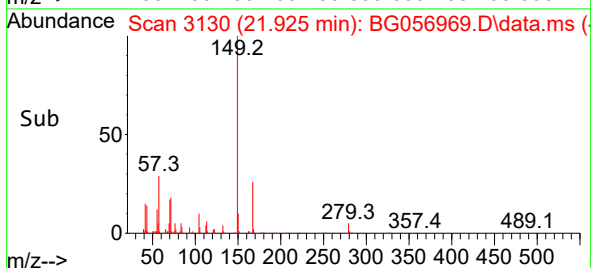
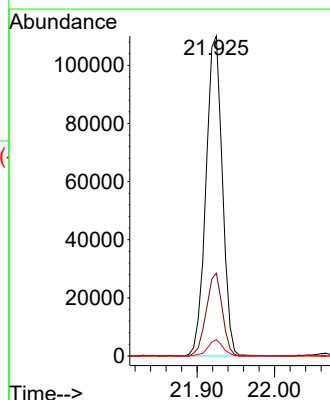
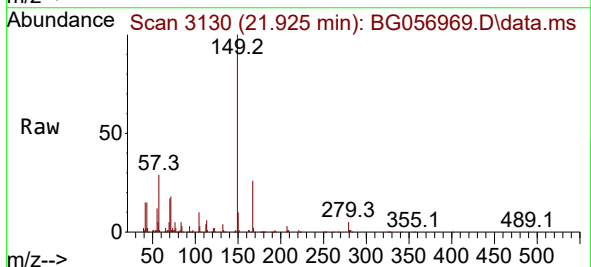
Tgt Ion:149 Resp: 161432

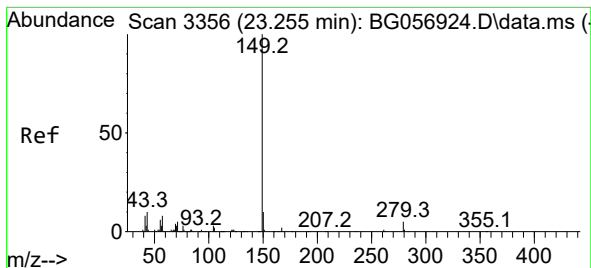
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.2

279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.451 ng

RT: 23.241 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

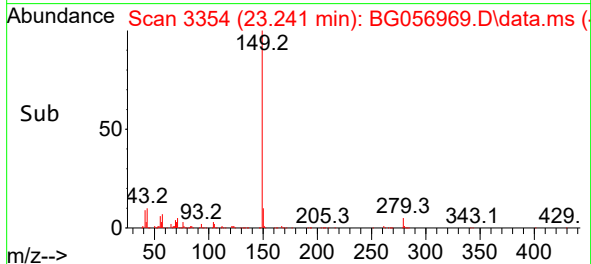
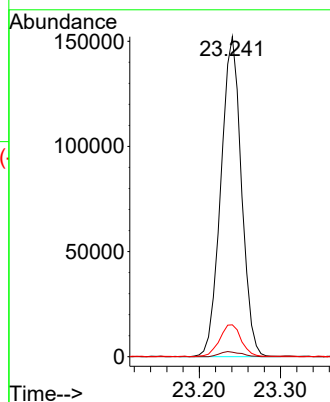
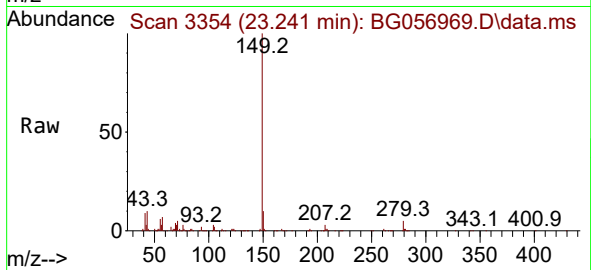
Tgt Ion:149 Resp: 267739

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.626 min Scan# 3760

Delta R.T. -0.020 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

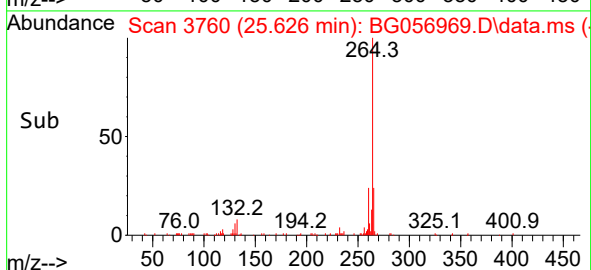
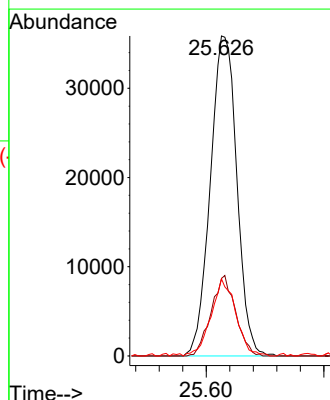
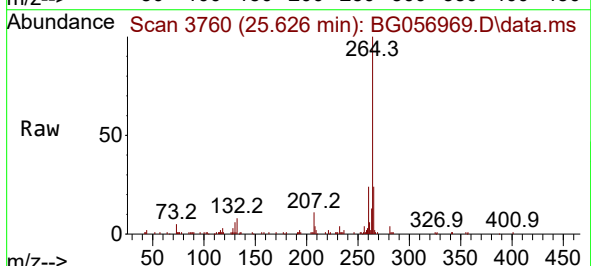
Tgt Ion:264 Resp: 112045

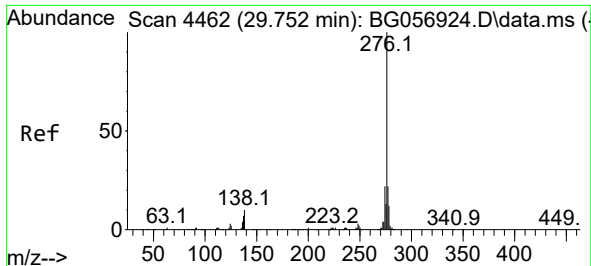
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 24.1 17.8 26.6

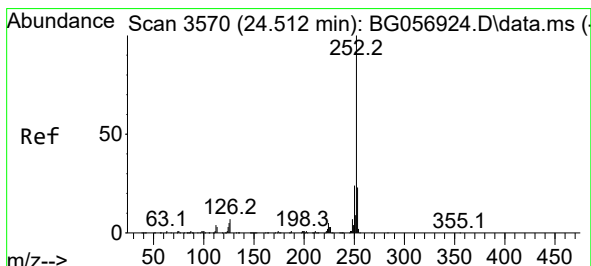
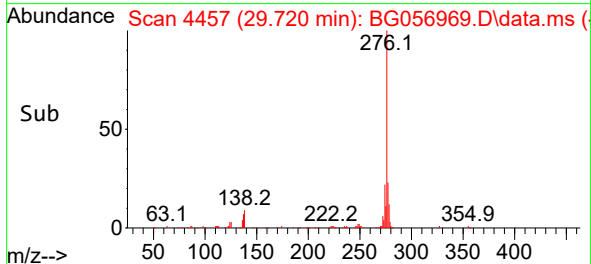
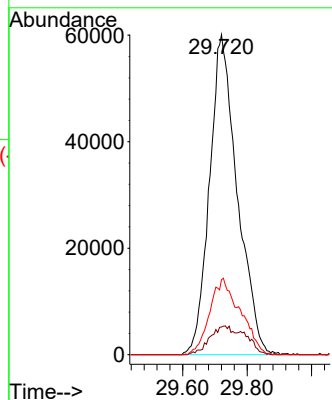
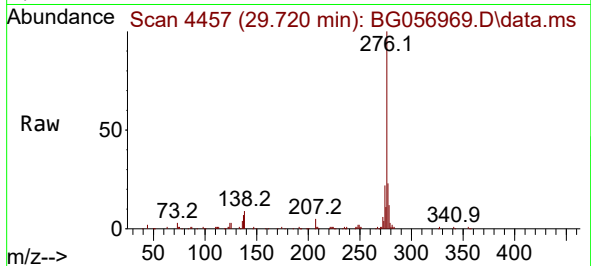




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.416 ng
 RT: 29.720 min Scan# 4462
 Delta R.T. -0.032 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

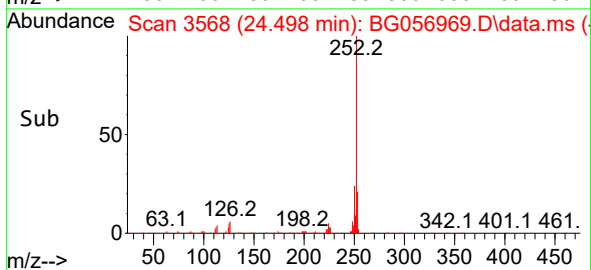
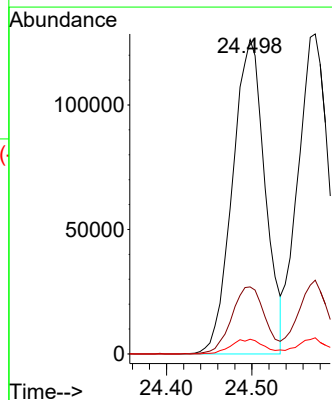
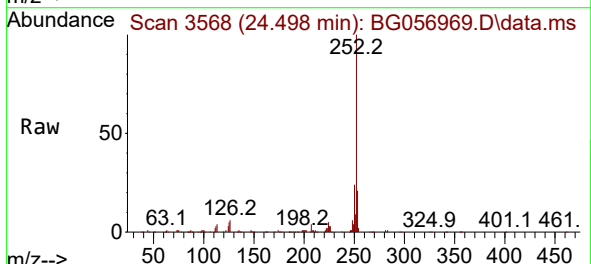
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

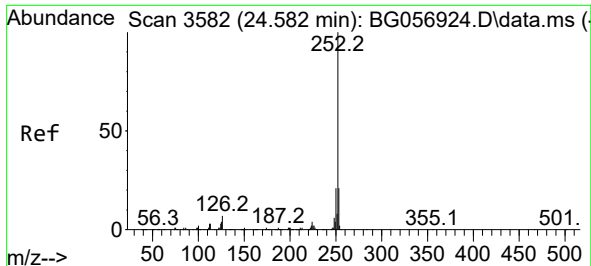
Tgt Ion:276 Resp: 359509
 Ion Ratio Lower Upper
 276 100
 138 7.9 7.7 11.5
 277 26.3 21.0 31.4



#88
 Benzo(b)fluoranthene
 Concen: 47.747 ng
 RT: 24.498 min Scan# 3568
 Delta R.T. -0.014 min
 Lab File: BG056969.D
 Acq: 4 Apr 2023 17:28

Tgt Ion:252 Resp: 334542
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.1 27.1
 125 4.7 4.2 6.4

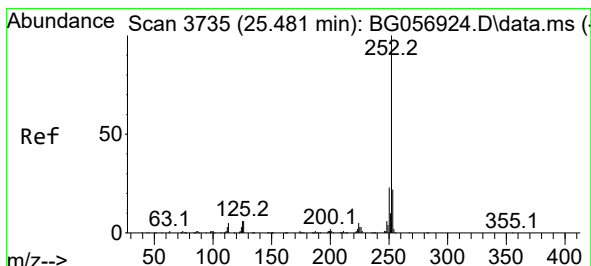
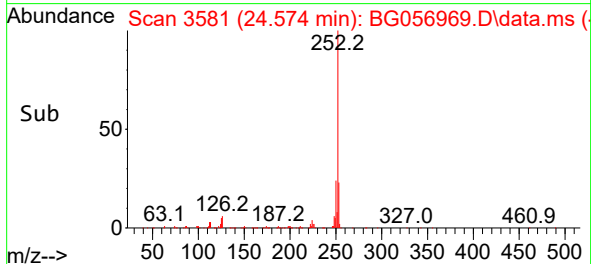
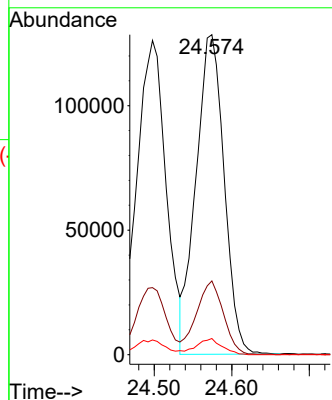
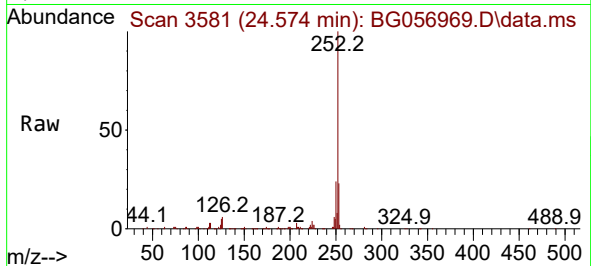




#89
Benzo(k)fluoranthene
Concen: 46.200 ng
RT: 24.574 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

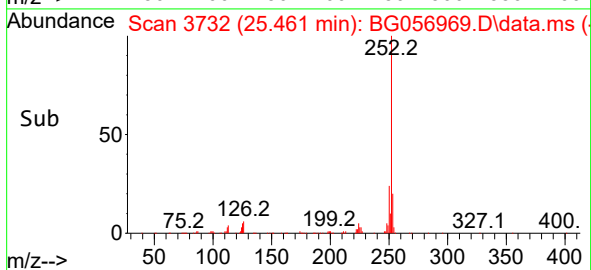
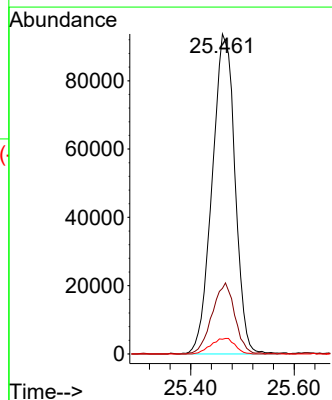
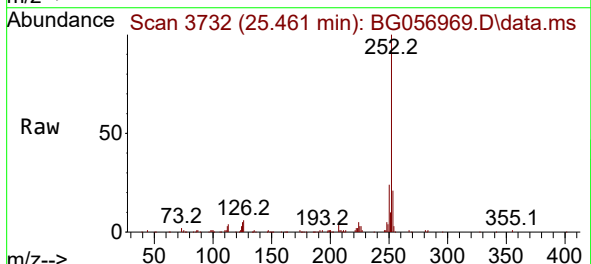
Instrument :
BNA_G
ClientSampleId :
PB151693BS

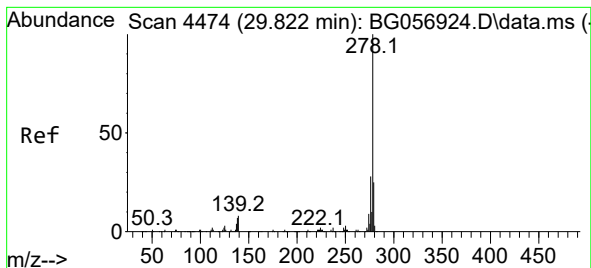
Tgt Ion:252 Resp: 323163
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 5.0 3.8 5.6



#90
Benzo(a)pyrene
Concen: 41.665 ng
RT: 25.461 min Scan# 3732
Delta R.T. -0.020 min
Lab File: BG056969.D
Acq: 4 Apr 2023 17:28

Tgt Ion:252 Resp: 286864
Ion Ratio Lower Upper
252 100
253 20.5 17.6 26.4
125 4.6 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 43.919 ng

RT: 29.791 min Scan# 44

Delta R.T. -0.032 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PB151693BS

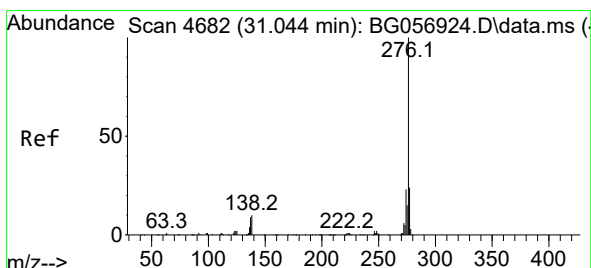
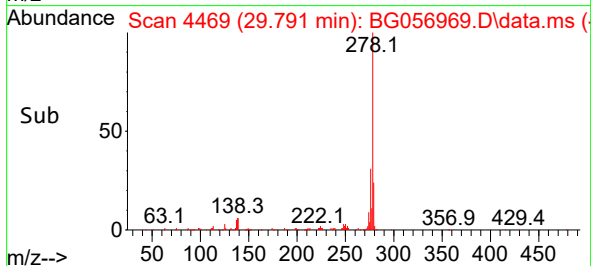
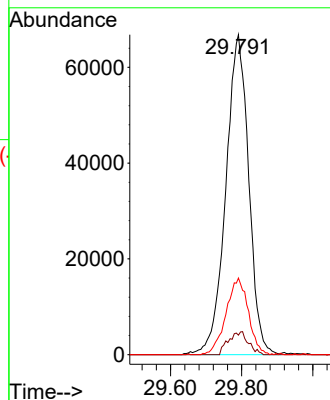
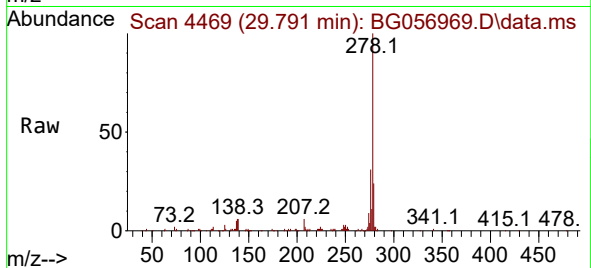
Tgt Ion:278 Resp: 298939

Ion Ratio Lower Upper

278 100

139 6.1 6.4 9.6#

279 24.0 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 43.796 ng

RT: 31.007 min Scan# 4676

Delta R.T. -0.037 min

Lab File: BG056969.D

Acq: 4 Apr 2023 17:28

Tgt Ion:276 Resp: 291900

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 8.3 8.2 12.2

