

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056963.D
 Acq On : 4 Apr 2023 13:05
 Operator : CG/JU
 Sample : PB151881BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

Quant Time: Apr 05 04:06:46 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	8.420	152	15124	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	64415	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	52723	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	127656	20.000	ng	0.00
76) Chrysene-d12	22.090	240	115938	20.000	ng	0.00
86) Perylene-d12	25.638	264	129584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	147944	156.557	ng	0.00
7) Phenol-d6	7.545	99	215976	152.812	ng	0.00
23) Nitrobenzene-d5	9.595	82	135431	86.028	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	114955	136.483	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	326101	83.872	ng	0.00
79) Terphenyl-d14	20.339	244	655136	95.620	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.726	88	13013	31.413	ng	# 93
3) Pyridine	4.149	79	41772	31.308	ng	97
4) n-Nitrosodimethylamine	4.055	42	25398	41.403	ng	# 95
6) Aniline	7.727	93	68521	37.924	ng	99
8) 2-Chlorophenol	7.973	128	48485	51.511	ng	94
9) Benzaldehyde	7.539	77	33990	38.343	ng	94
10) Phenol	7.574	94	73114	52.208	ng	98
11) bis(2-Chloroethyl)ether	7.815	93	45626	45.737	ng	96
12) 1,3-Dichlorobenzene	8.308	146	48181	46.326	ng	95
13) 1,4-Dichlorobenzene	8.455	146	48952	46.635	ng	93
14) 1,2-Dichlorobenzene	8.778	146	48249	47.577	ng	94
15) Benzyl Alcohol	8.649	79	56070	47.745	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.937	45	54515	45.345	ng	95
17) 2-Methylphenol	8.849	107	47869	47.911	ng	92
18) Hexachloroethane	9.524	117	17144	44.685	ng	94
19) n-Nitroso-di-n-propyla...	9.219	70	44245	43.767	ng	96
20) 3+4-Methylphenols	9.172	107	65076	46.579	ng	96
22) Acetophenone	9.242	105	81685	42.616	ng	# 99
24) Nitrobenzene	9.642	77	68588	42.614	ng	98
25) Isophorone	10.159	82	122427	40.839	ng	99
26) 2-Nitrophenol	10.358	139	28034	45.125	ng	90
27) 2,4-Dimethylphenol	10.394	122	50517	46.055	ng	98
28) bis(2-Chloroethoxy)met...	10.635	93	62264	41.487	ng	97
29) 2,4-Dichlorophenol	10.893	162	54344	46.068	ng	99
30) 1,2,4-Trichlorobenzene	11.116	180	55130	43.984	ng	94
31) Naphthalene	11.310	128	150111	42.754	ng	99
32) Benzoic acid	10.517	122	33766	44.815	ng	87
33) 4-Chloroaniline	11.404	127	39707	25.040	ng	97
34) Hexachlorobutadiene	11.580	225	38640	41.040	ng	97
35) Caprolactam	12.168	113	11171	27.459	ng	91
36) 4-Chloro-3-methylphenol	12.491	107	59596	45.175	ng	94
37) 2-Methylnaphthalene	12.884	142	113164	40.610	ng	97
38) 1-Methylnaphthalene	13.102	142	106657	40.761	ng	99
40) 1,2,4,5-Tetrachloroben...	13.243	216	76360	41.766	ng	# 98
41) Hexachlorocyclopentadiene	13.219	237	110043	109.241	ng	94
43) 2,4,6-Trichlorophenol	13.472	196	51129	43.824	ng	96

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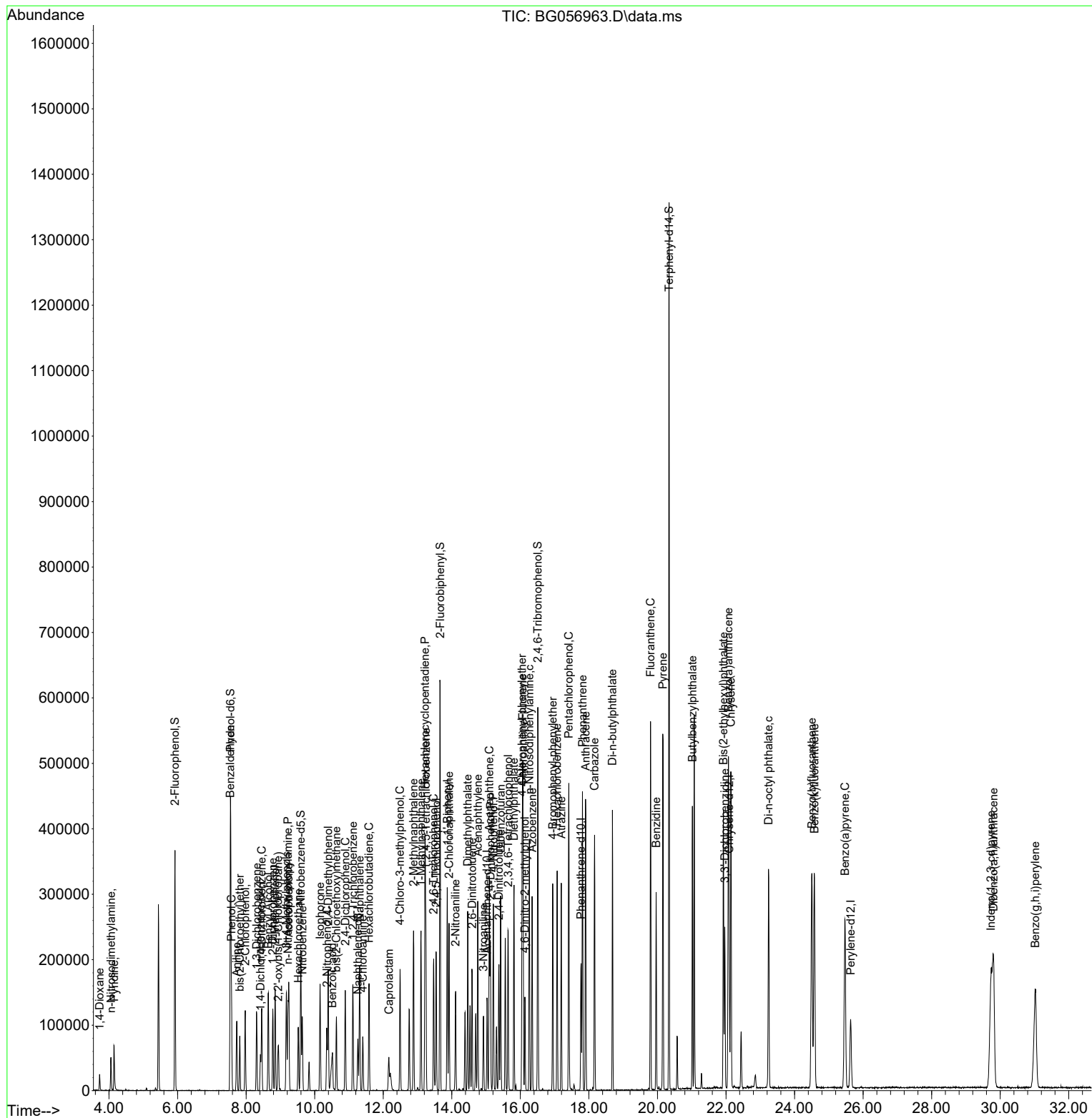
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	56649	40.987	ng	96
46) 1,1'-Biphenyl	13.871	154	164910	42.729	ng	97
47) 2-Chloronaphthalene	13.918	162	125303	43.897	ng	99
48) 2-Nitroaniline	14.112	65	44278	43.381	ng	93
49) Acenaphthylene	14.758	152	197830	42.182	ng	100
50) Dimethylphthalate	14.465	163	170814	41.118	ng	# 98
51) 2,6-Dinitrotoluene	14.594	165	38340	42.716	ng	93
52) Acenaphthene	15.093	154	156406	48.355	ng	100
53) 3-Nitroaniline	14.923	138	26597	29.937	ng	90
54) 2,4-Dinitrophenol	15.128	184	50911	100.774	ng	97
55) Dibenzofuran	15.428	168	202694	41.752	ng	99
56) 4-Nitrophenol	15.217	139	61661	93.859	ng	87
57) 2,4-Dinitrotoluene	15.375	165	55375	43.743	ng	97
58) Fluorene	16.068	166	169151	42.107	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.645	232	56460	44.865	ng	# 99
60) Diethylphthalate	15.816	149	176000	42.261	ng	100
61) 4-Chlorophenyl-phenyle...	16.051	204	97280	41.245	ng	99
62) 4-Nitroaniline	16.080	138	37296	40.519	ng	99
63) Azobenzene	16.344	77	170132	40.992	ng	99
65) 4,6-Dinitro-2-methylph...	16.133	198	35506	45.925	ng	97
66) n-Nitrosodiphenylamine	16.262	169	149658	43.672	ng	97
67) 4-Bromophenyl-phenylether	16.944	248	66707	42.233	ng	99
68) Hexachlorobenzene	17.073	284	72880	46.670	ng	99
69) Atrazine	17.196	200	65042	45.724	ng	98
70) Pentachlorophenol	17.414	266	91628	81.788	ng	95
71) Phenanthrene	17.813	178	286409	44.005	ng	99
72) Anthracene	17.907	178	288887	43.298	ng	98
73) Carbazole	18.166	167	252469	43.401	ng	96
74) Di-n-butylphthalate	18.688	149	290919	43.188	ng	98
75) Fluoranthene	19.799	202	350741	42.511	ng	99
77) Benzidine	19.963	184	168405	53.142	ng	98
78) Pyrene	20.157	202	351874	43.881	ng	97
80) Butylbenzylphthalate	21.020	149	125293	45.405	ng	91
81) Benzo(a)anthracene	22.072	228	358283	44.658	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	97414	35.957	ng	99
83) Chrysene	22.142	228	327128	43.548	ng	98
84) Bis(2-ethylhexyl)phtha...	21.925	149	184555	46.188	ng	99
85) Di-n-octyl phthalate	23.241	149	307998	45.741	ng	100
87) Indeno(1,2,3-cd)pyrene	29.732	276	438838	45.823	ng	# 98
88) Benzo(b)fluoranthene	24.504	252	382112	47.155	ng	97
89) Benzo(k)fluoranthene	24.580	252	367102	45.379	ng	98
90) Benzo(a)pyrene	25.473	252	334727	42.036	ng	97
91) Dibenzo(a,h)anthracene	29.803	278	361300	45.897	ng	97
92) Benzo(g,h,i)perylene	31.025	276	350367	45.454	ng	97

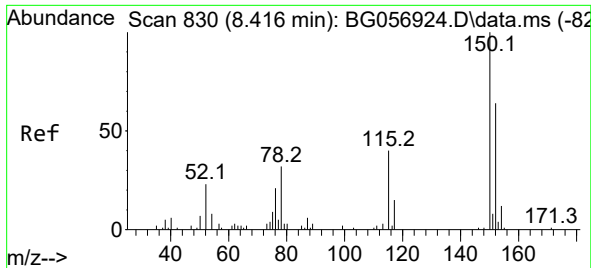
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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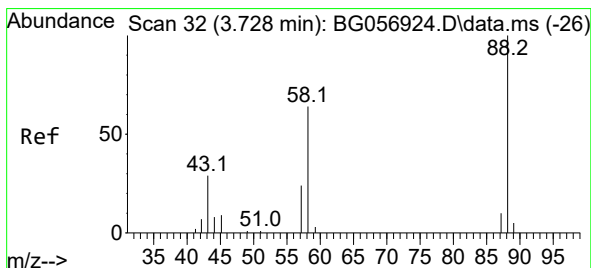
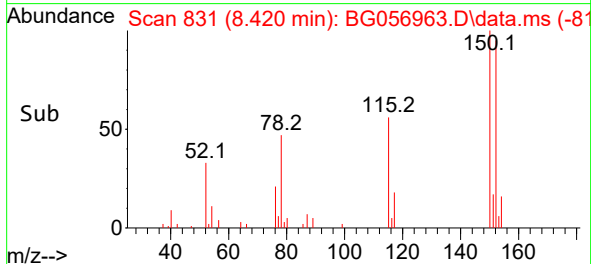
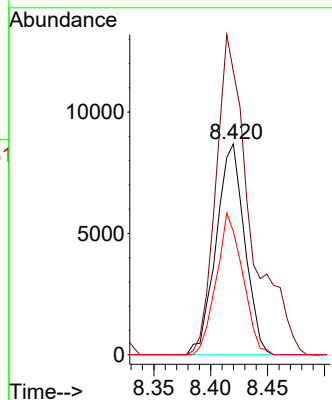
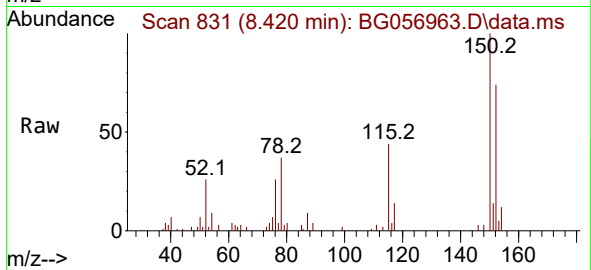




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.420 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

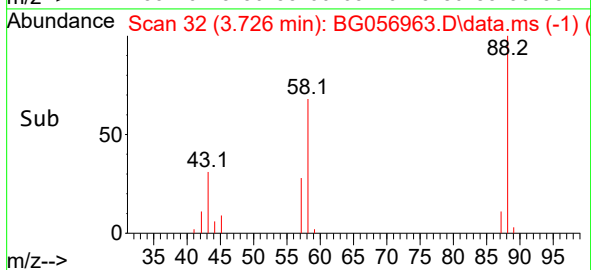
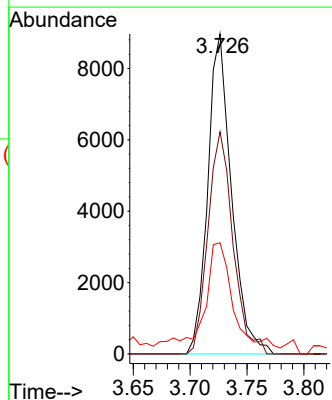
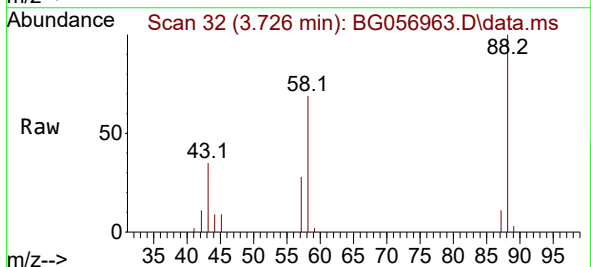
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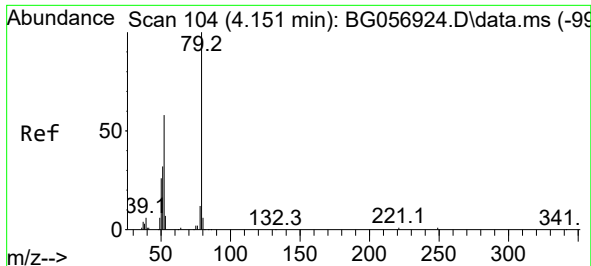
Tgt Ion:152 Resp: 15124
 Ion Ratio Lower Upper
 152 100
 150 134.5 124.1 186.1
 115 58.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 31.413 ng
 RT: 3.726 min Scan# 32
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion: 88 Resp: 13013
 Ion Ratio Lower Upper
 88 100
 58 73.0 55.9 83.9
 43 40.2 25.7 38.5#

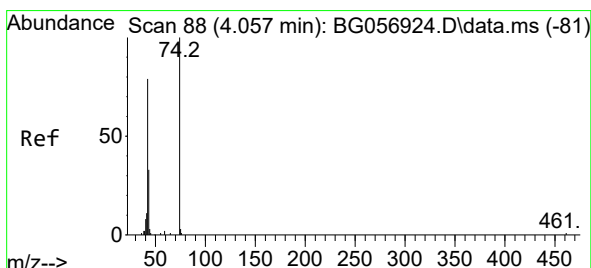
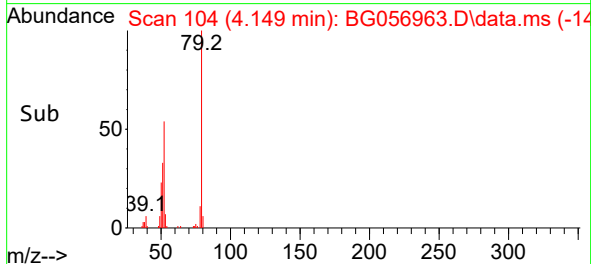
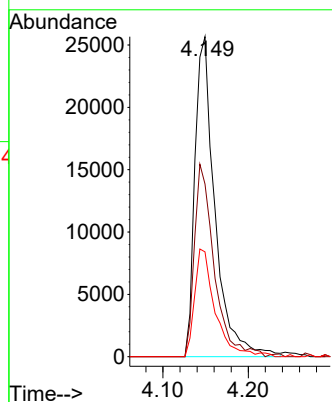
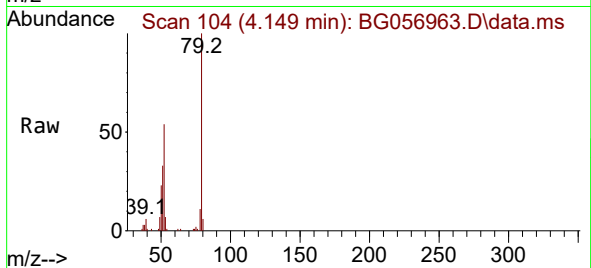




#3
 Pyridine
 Concen: 31.308 ng
 RT: 4.149 min Scan# 104
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

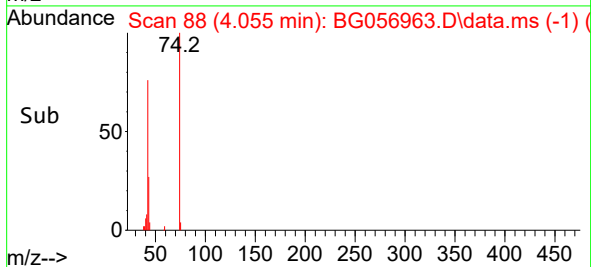
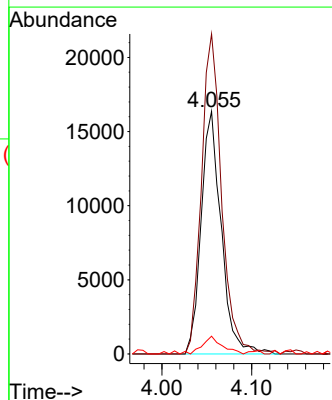
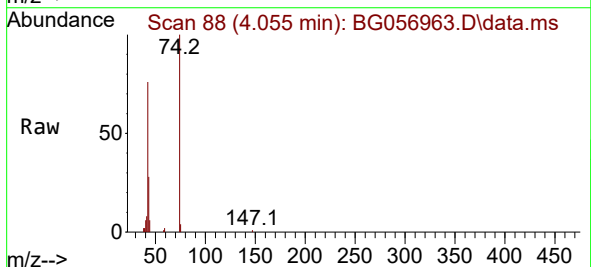
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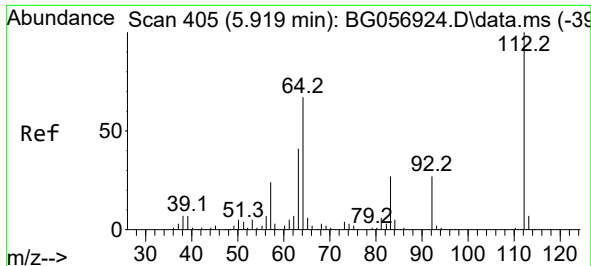
Tgt Ion: 79 Resp: 41772
 Ion Ratio Lower Upper
 79 100
 52 54.0 46.1 69.1
 51 32.8 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 41.403 ng
 RT: 4.055 min Scan# 88
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion: 42 Resp: 25398
 Ion Ratio Lower Upper
 42 100
 74 131.9 100.6 151.0
 44 7.3 4.6 7.0

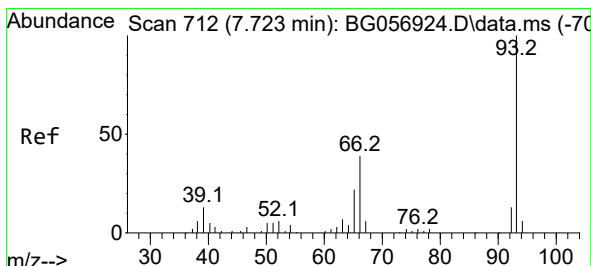
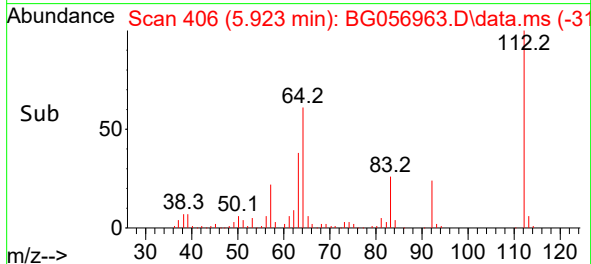
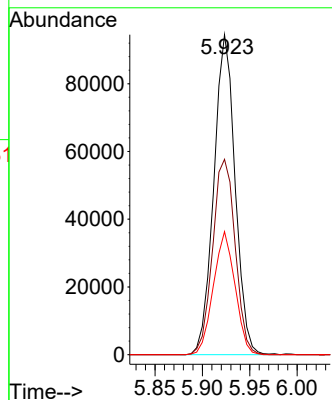
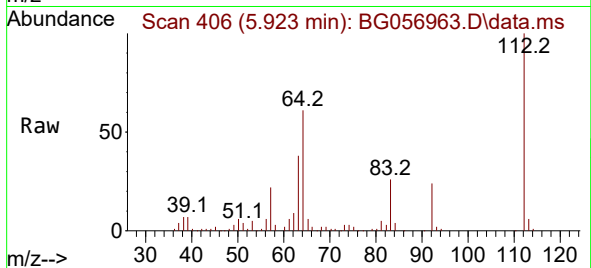




#5
2-Fluorophenol
Concen: 156.557 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

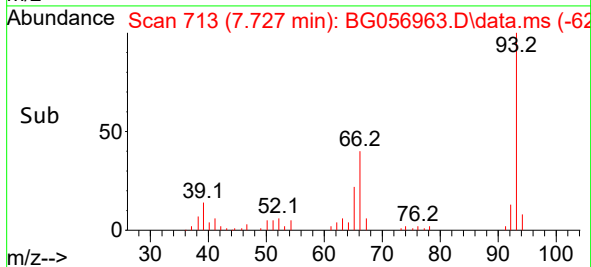
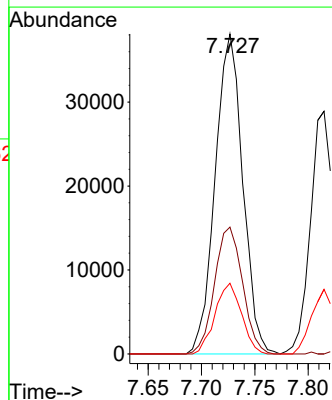
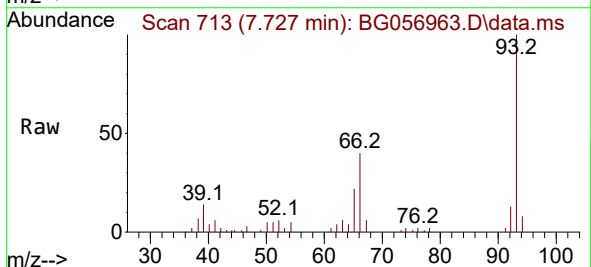
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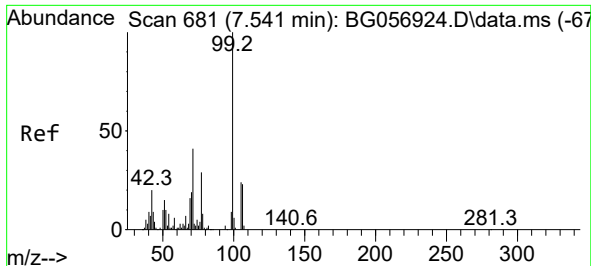
Tgt Ion:112 Resp: 147944
Ion Ratio Lower Upper
112 100
64 61.0 53.2 79.8
63 38.5 32.6 48.8



#6
Aniline
Concen: 37.924 ng
RT: 7.727 min Scan# 713
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 93 Resp: 68521
Ion Ratio Lower Upper
93 100
66 39.7 31.4 47.0
65 22.1 17.3 25.9

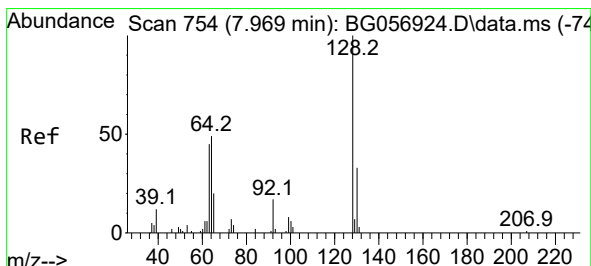
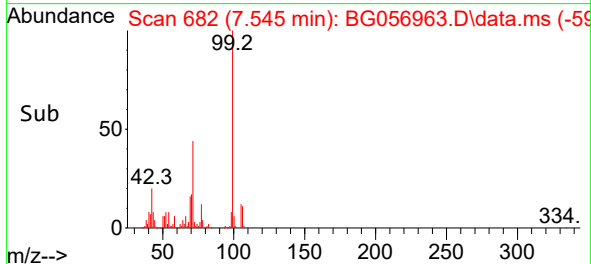
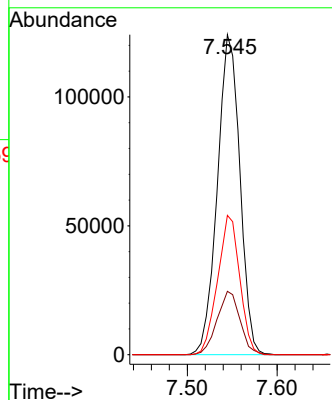
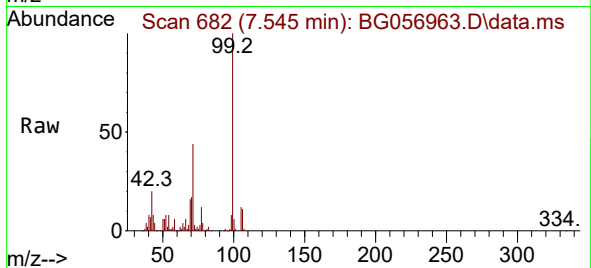




#7
Phenol-d6
Concen: 152.812 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

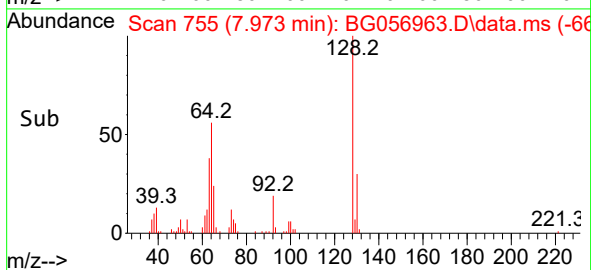
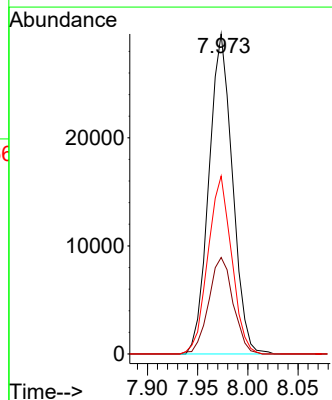
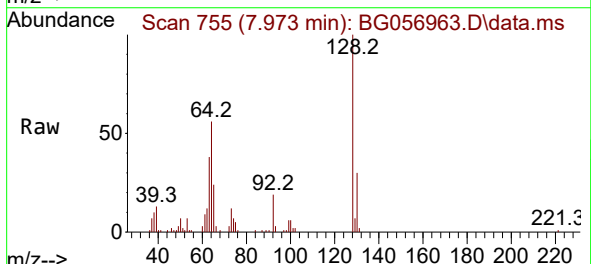
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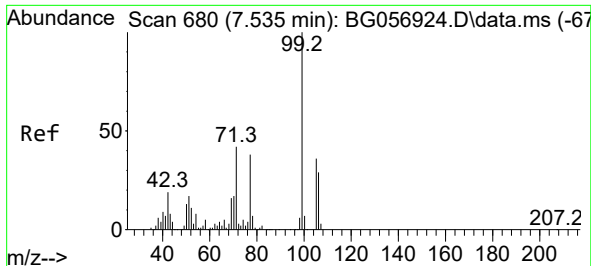
Tgt Ion: 99 Resp: 215976
Ion Ratio Lower Upper
99 100
42 19.8 15.7 23.5
71 43.5 32.5 48.7



#8
2-Chlorophenol
Concen: 51.511 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 128 Resp: 48485
Ion Ratio Lower Upper
128 100
130 30.1 12.6 52.6
64 55.6 40.6 80.6

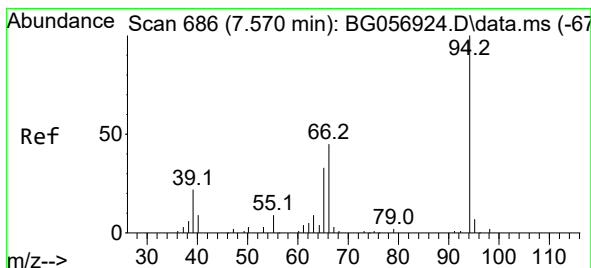
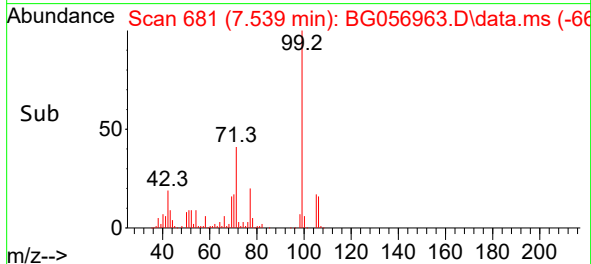
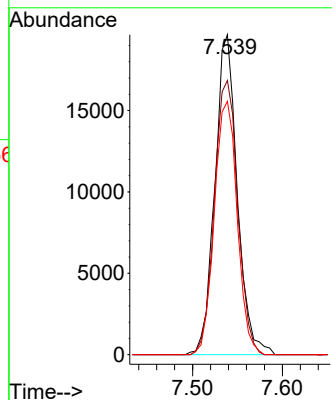
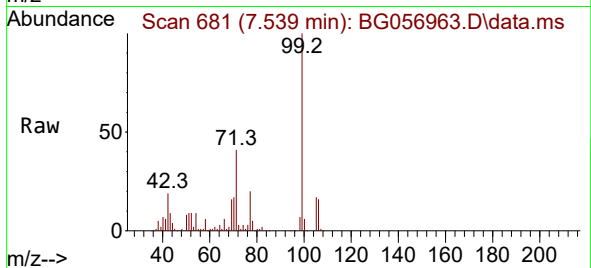




#9
Benzaldehyde
Concen: 38.343 ng
RT: 7.539 min Scan# 680
Delta R.T. 0.004 min
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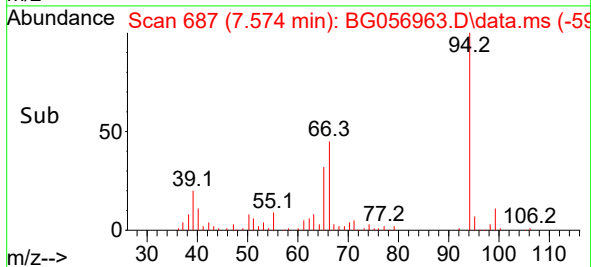
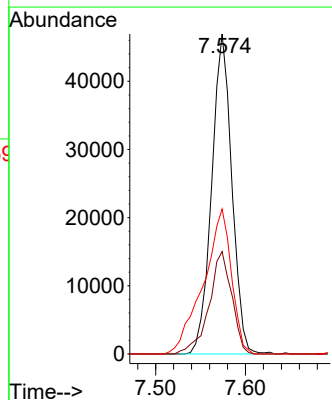
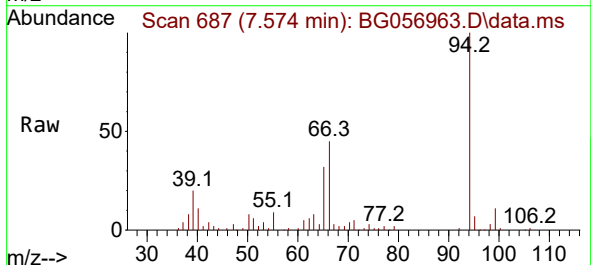
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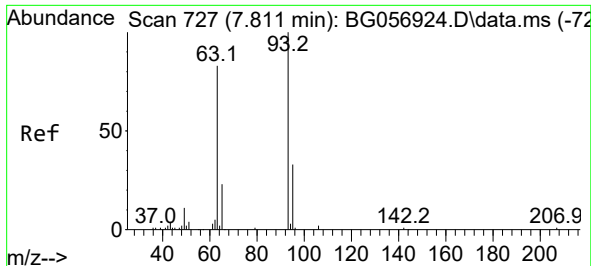
Tgt Ion: 77 Resp: 33990
Ion Ratio Lower Upper
77 100
105 85.7 73.6 113.6
106 79.2 56.7 96.7



#10
Phenol
Concen: 52.208 ng
RT: 7.574 min Scan# 687
Delta R.T. 0.004 min
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Tgt Ion: 94 Resp: 73114
Ion Ratio Lower Upper
94 100
65 32.0 13.3 53.3
66 45.3 26.7 66.7

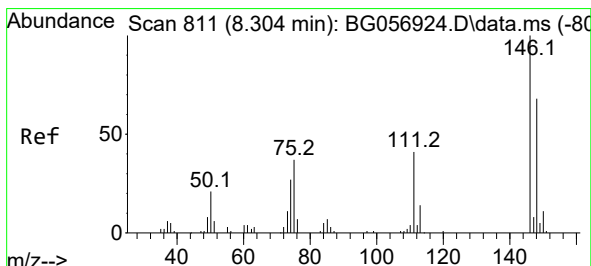
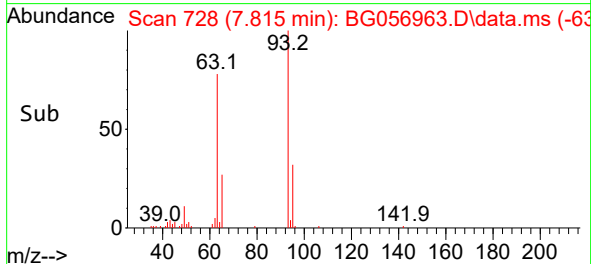
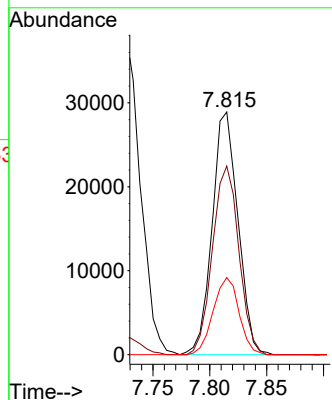
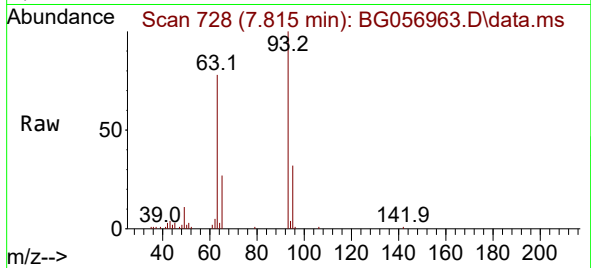




#11
bis(2-Chloroethyl)ether
Concen: 45.737 ng
RT: 7.815 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

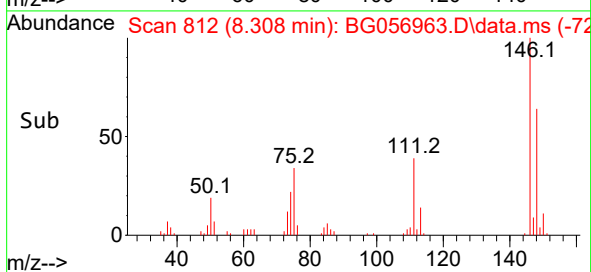
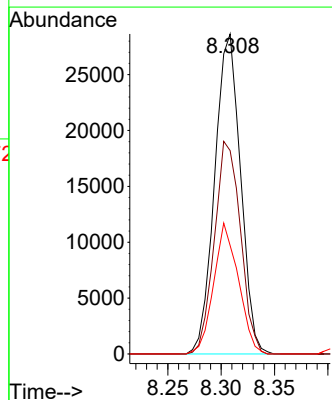
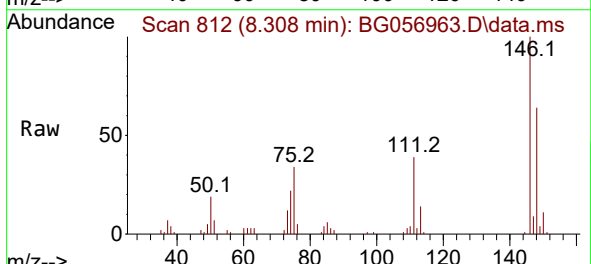
Instrument :
BNA_G
ClientSampleId :
PB151881BS

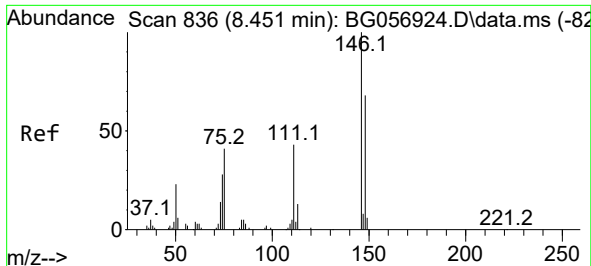
Tgt Ion: 93 Resp: 45626
Ion Ratio Lower Upper
93 100
63 77.7 62.7 102.7
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.326 ng
RT: 8.308 min Scan# 812
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 146 Resp: 48181
Ion Ratio Lower Upper
146 100
148 63.5 54.2 81.4
75 33.9 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 46.635 ng

RT: 8.455 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

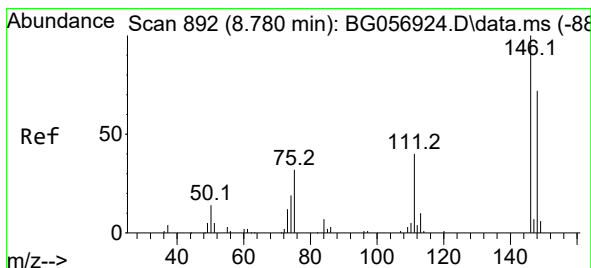
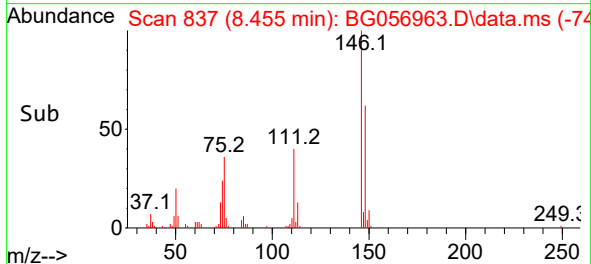
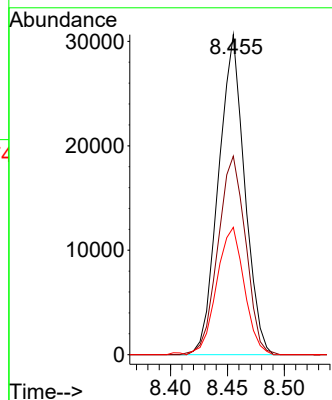
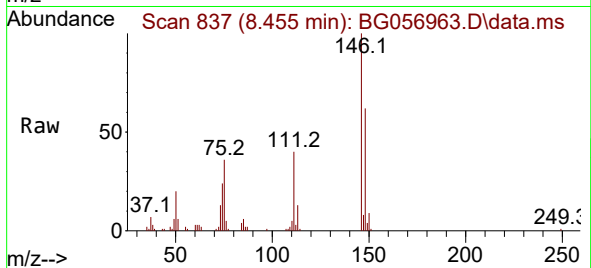
Tgt Ion:146 Resp: 48952

Ion Ratio Lower Upper

146 100

148 62.1 54.8 82.2

111 39.8 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 47.577 ng

RT: 8.778 min Scan# 892

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

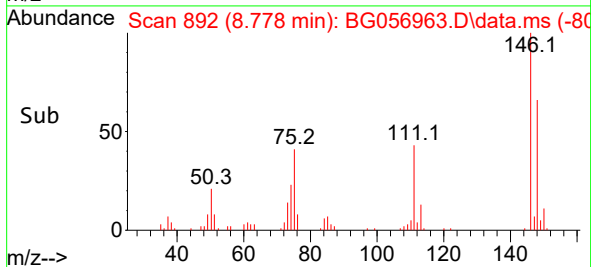
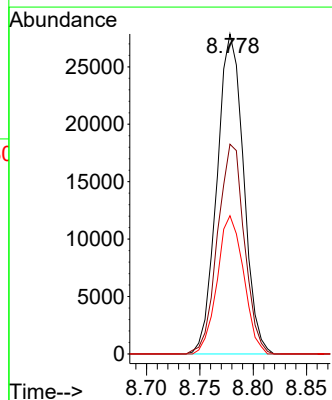
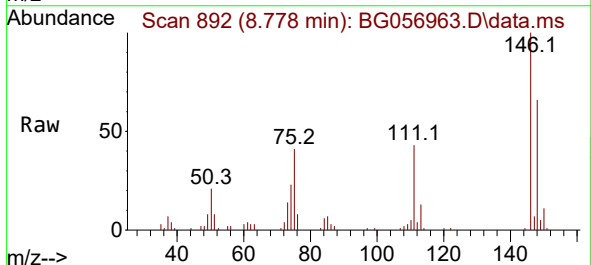
Tgt Ion:146 Resp: 48249

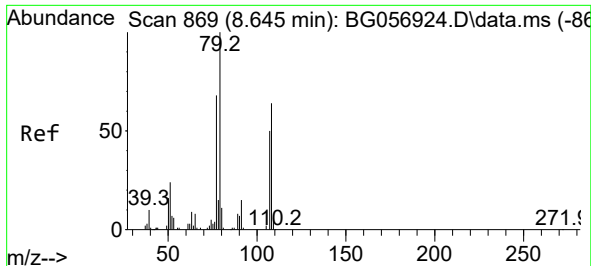
Ion Ratio Lower Upper

146 100

148 65.5 57.4 86.0

111 43.2 33.2 49.8

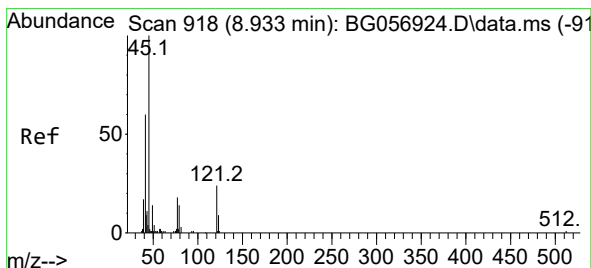
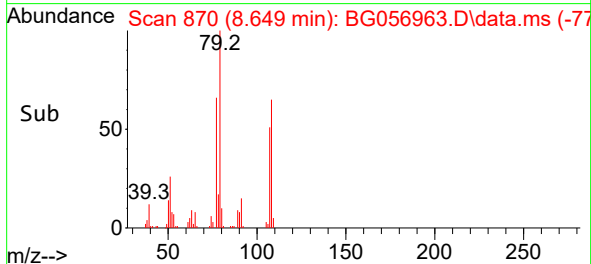
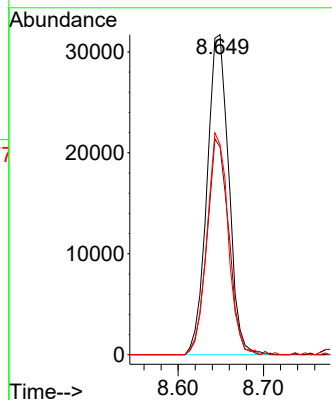
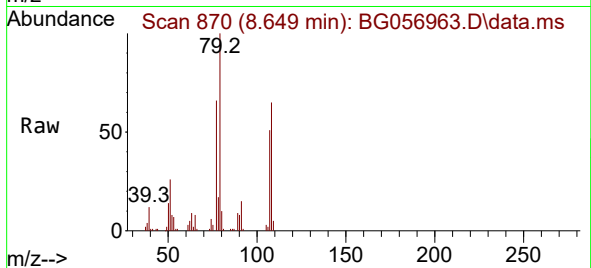




#15
Benzyl Alcohol
Concen: 47.745 ng
RT: 8.649 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

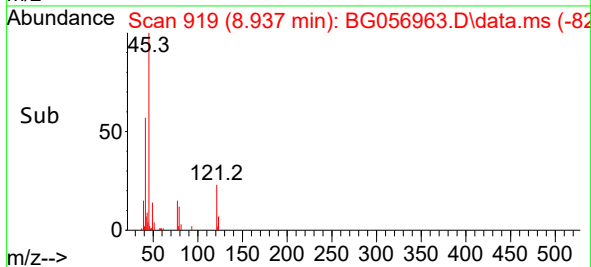
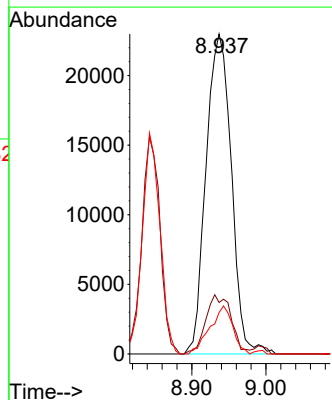
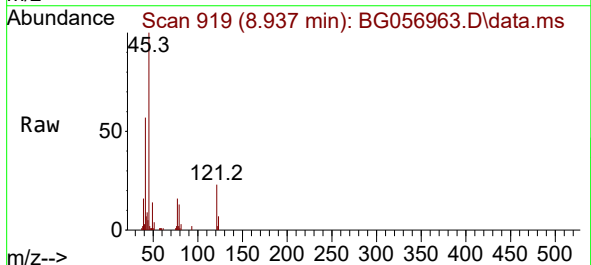
Instrument :
BNA_G
ClientSampleId :
PB151881BS

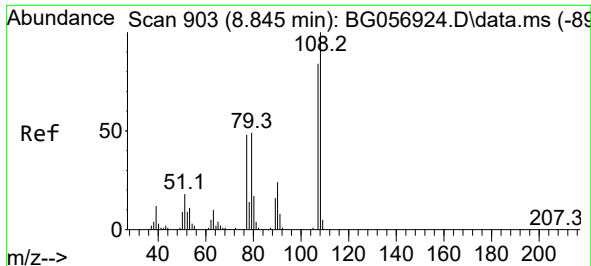
Tgt Ion: 79 Resp: 56070
Ion Ratio Lower Upper
79 100
108 65.0 51.2 76.8
77 65.7 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.345 ng
RT: 8.937 min Scan# 919
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 45 Resp: 54515
Ion Ratio Lower Upper
45 100
77 16.1 0.0 38.7
79 13.0 0.0 35.1





#17

2-Methylphenol

Concen: 47.911 ng

RT: 8.849 min Scan# 904

Delta R.T. 0.004 min

Lab File: BG056963.D

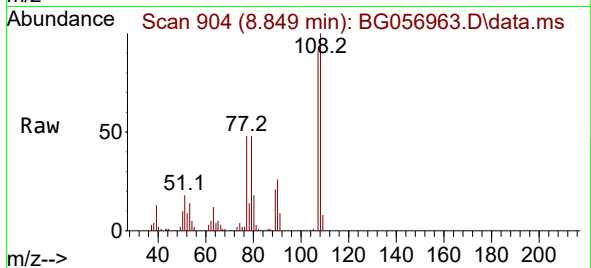
Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS



Tgt Ion:107 Resp: 47869

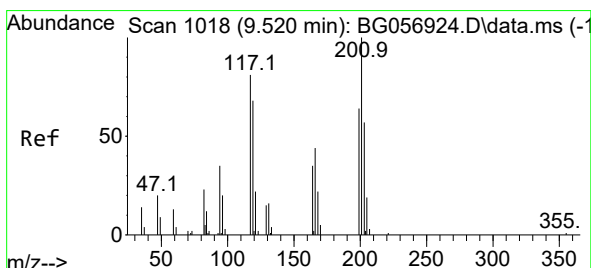
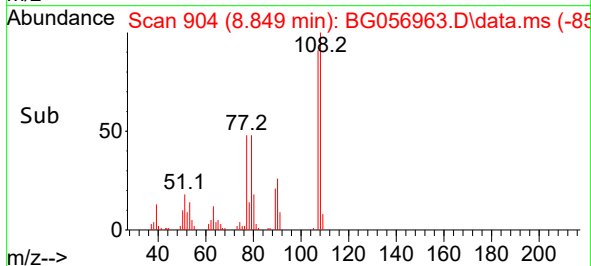
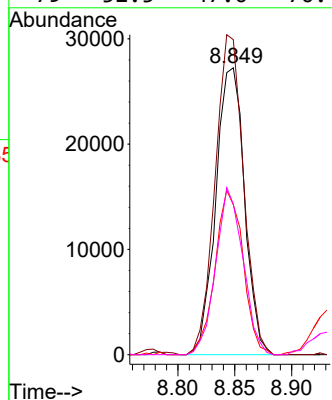
Ion Ratio Lower Upper

107 100

108 109.8 96.0 144.0

77 52.3 45.6 68.4

79 52.5 47.0 70.4



#18

Hexachloroethane

Concen: 44.685 ng

RT: 9.524 min Scan# 1019

Delta R.T. 0.004 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

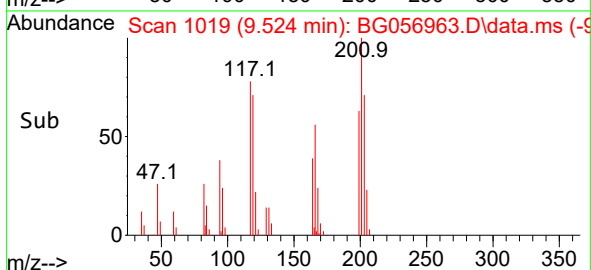
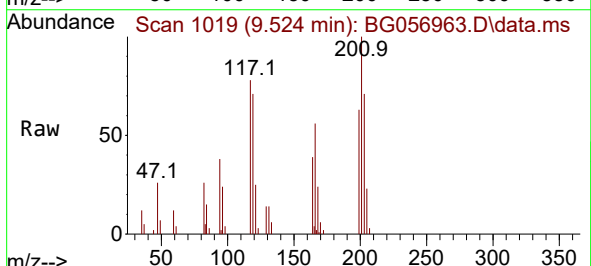
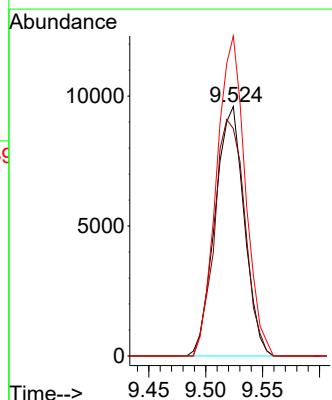
Tgt Ion:117 Resp: 17144

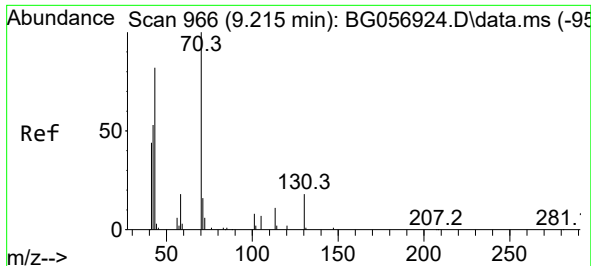
Ion Ratio Lower Upper

117 100

119 91.1 67.0 100.6

201 128.3 98.7 148.1

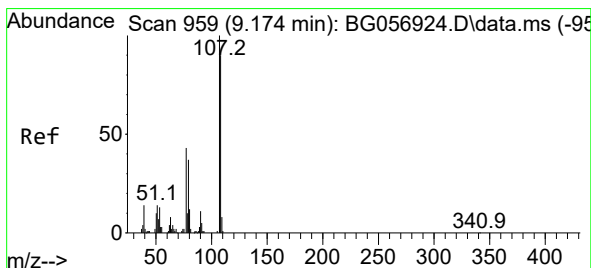
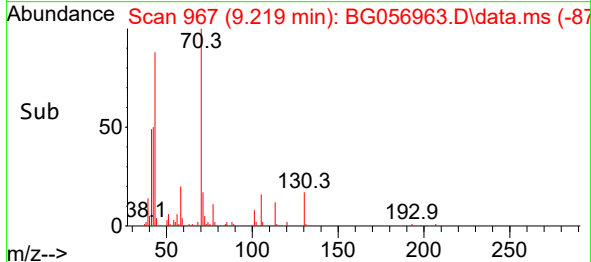
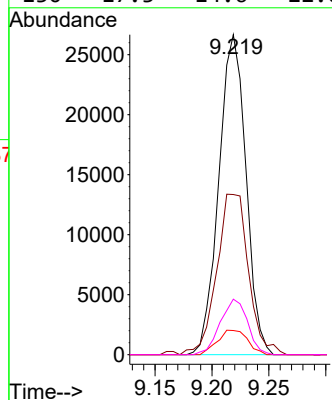
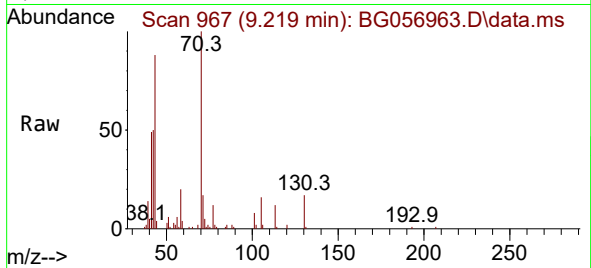




#19
n-Nitroso-di-n-propylamine
Concen: 43.767 ng
RT: 9.219 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

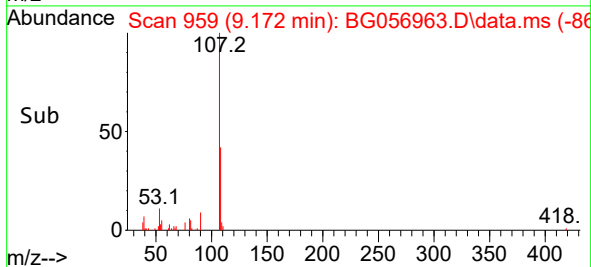
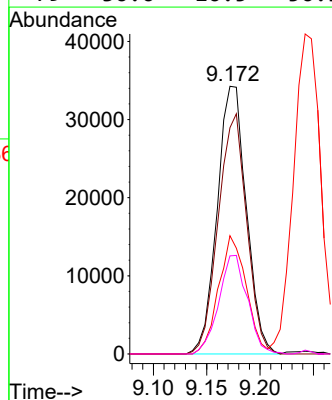
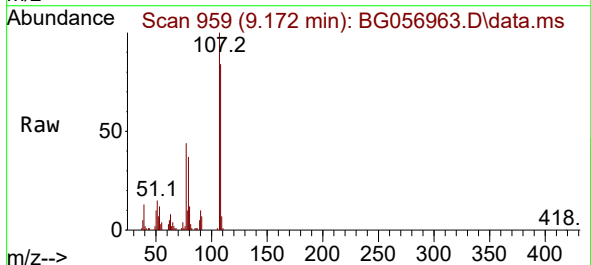
Instrument :
BNA_G
ClientSampleId :
PB151881BS

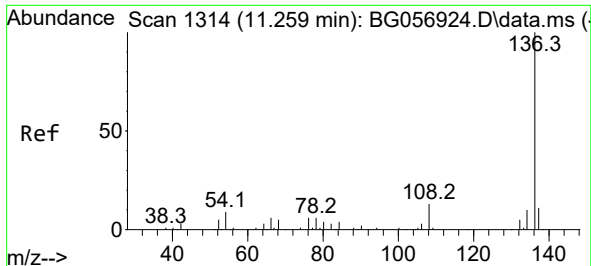
Tgt Ion: 70 Resp: 44245
Ion Ratio Lower Upper
70 100
42 50.1 43.4 65.0
101 7.6 6.2 9.2
130 17.3 14.6 22.0



#20
3+4-Methylphenols
Concen: 46.579 ng
RT: 9.172 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 107 Resp: 65076
Ion Ratio Lower Upper
107 100
108 84.5 69.9 109.9
77 44.2 22.7 62.7
79 36.6 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: BG056963.D
Acq: 4 Apr 2023 13:05

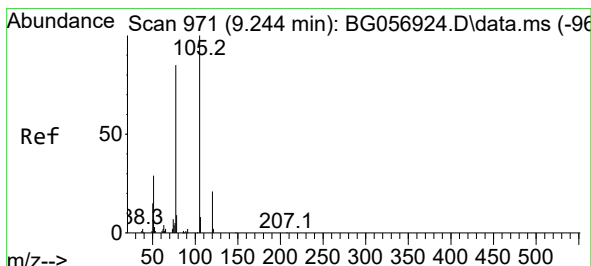
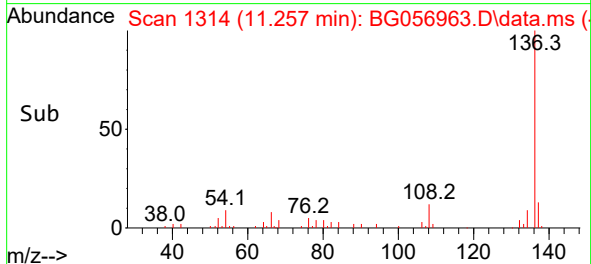
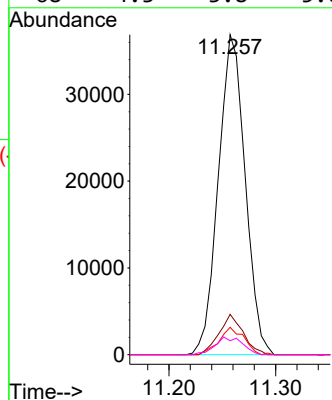
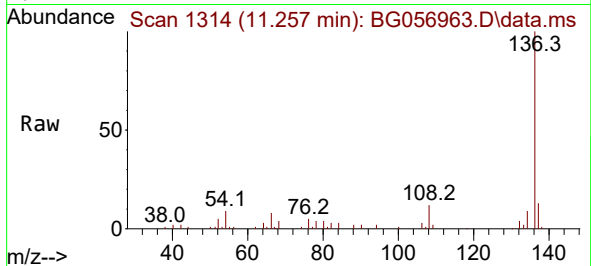
Instrument :

BNA_G

ClientSampleId :

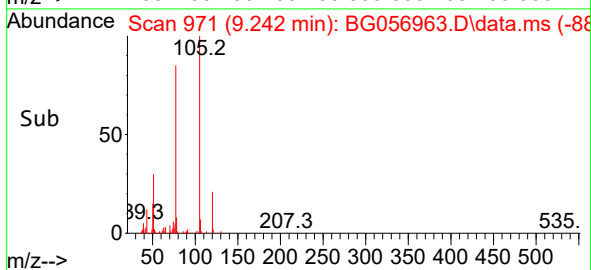
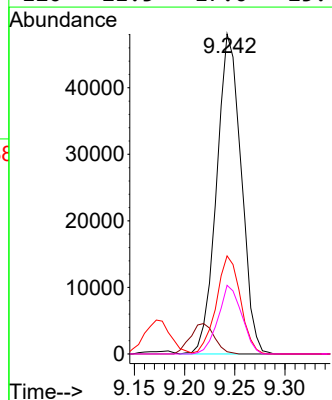
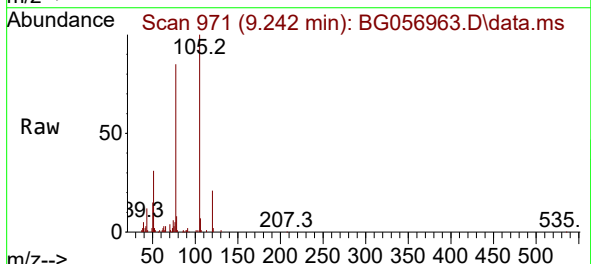
PB151881BS

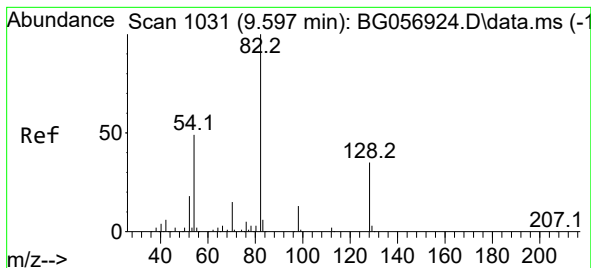
Tgt Ion:136 Resp: 64415
Ion Ratio Lower Upper
136 100
137 12.6 8.6 13.0
54 8.6 6.9 10.3
68 4.3 3.8 5.6



#22
Acetophenone
Concen: 42.616 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:105 Resp: 81685
Ion Ratio Lower Upper
105 100
71 0.7 0.7 1.1#
51 30.7 23.8 35.8
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 86.028 ng

RT: 9.595 min Scan# 1031

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

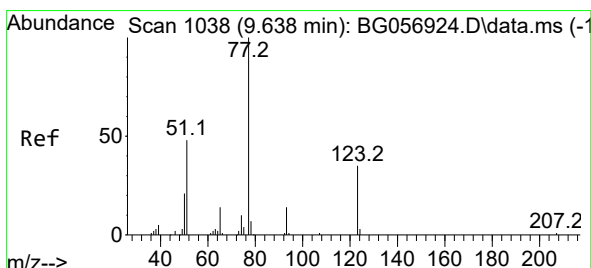
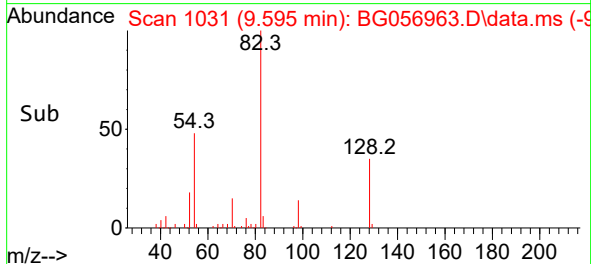
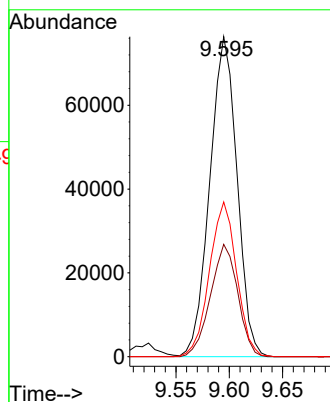
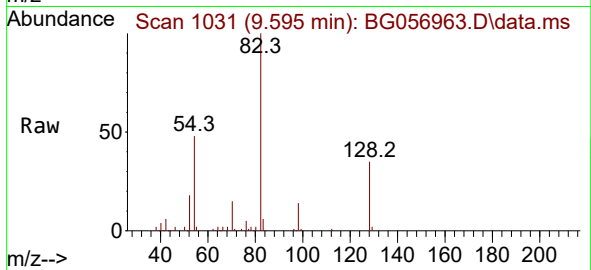
Tgt Ion: 82 Resp: 135431

Ion Ratio Lower Upper

82 100

128 35.1 27.9 41.9

54 48.3 39.4 59.2



#24

Nitrobenzene

Concen: 42.614 ng

RT: 9.642 min Scan# 1039

Delta R.T. 0.004 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

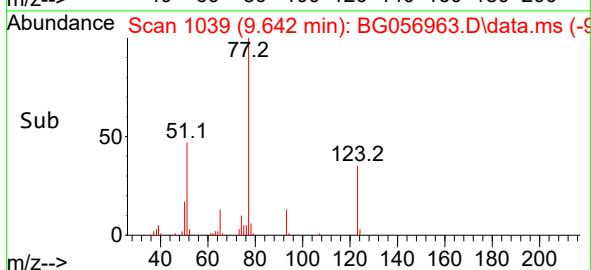
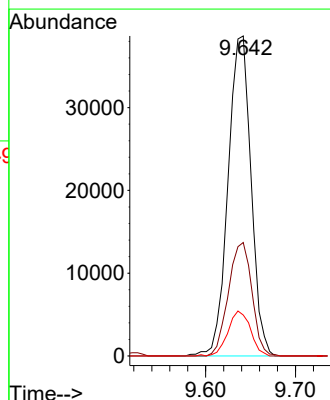
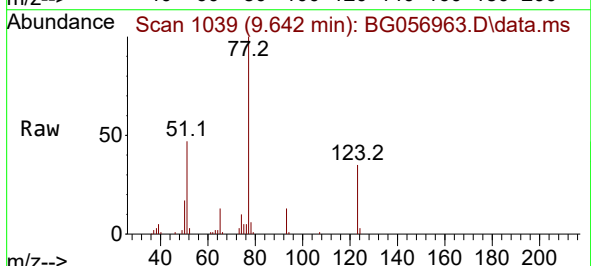
Tgt Ion: 77 Resp: 68588

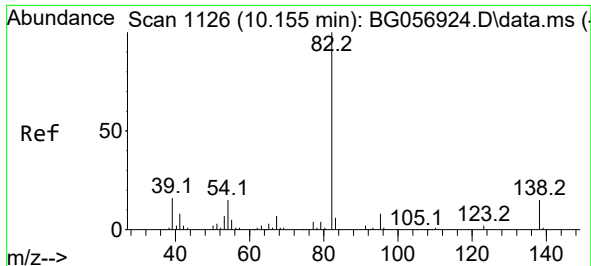
Ion Ratio Lower Upper

77 100

123 35.5 27.6 41.4

65 12.8 11.5 17.3

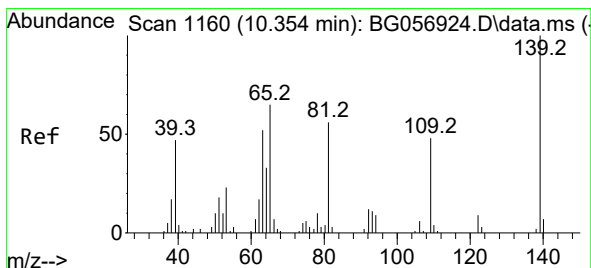
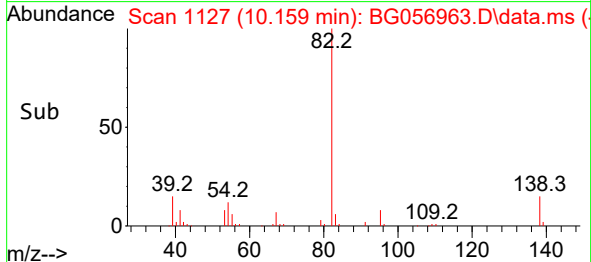
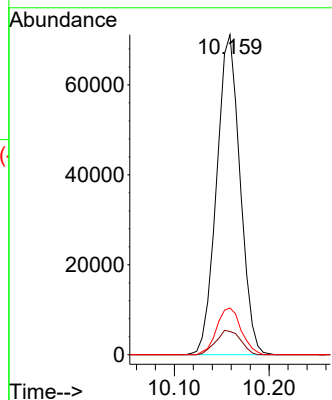
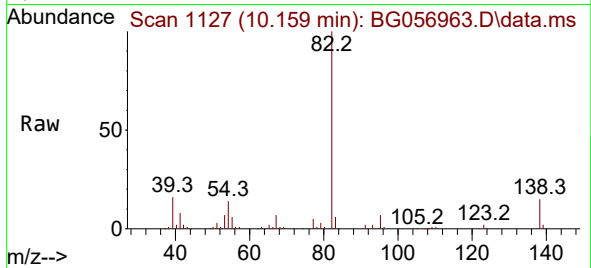




#25
Isophorone
Concen: 40.839 ng
RT: 10.159 min Scan# 1126
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

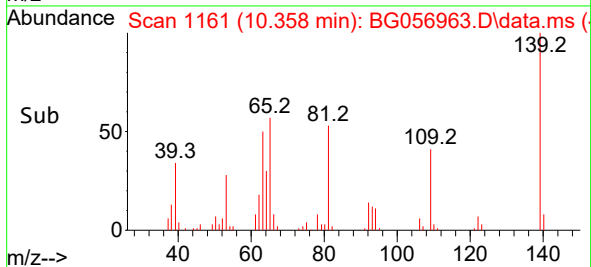
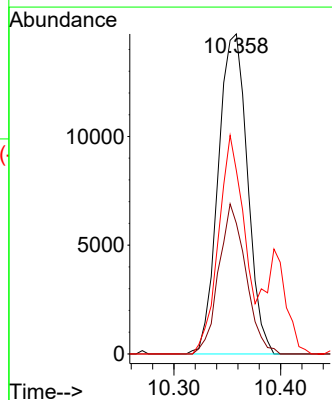
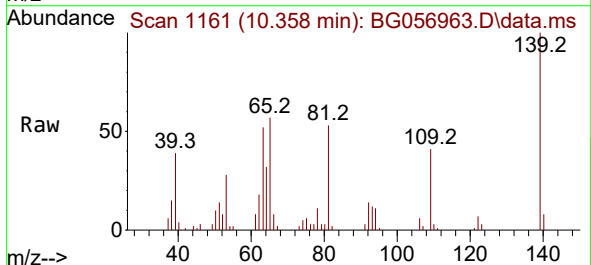
Instrument :
BNA_G
ClientSampleId :
PB151881BS

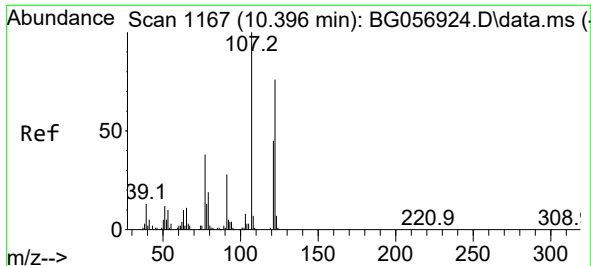
Tgt Ion: 82 Resp: 122427
Ion Ratio Lower Upper
82 100
95 7.3 6.3 9.5
138 14.6 11.8 17.8



#26
2-Nitrophenol
Concen: 45.125 ng
RT: 10.358 min Scan# 1161
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:139 Resp: 28034
Ion Ratio Lower Upper
139 100
109 40.8 38.2 57.4
65 57.3 51.8 77.8

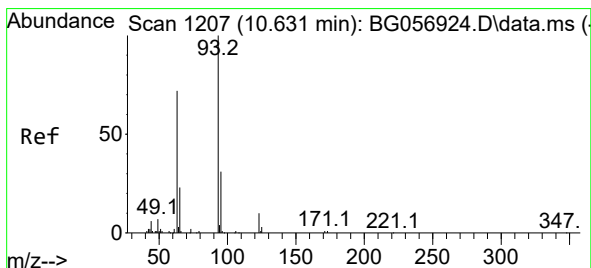
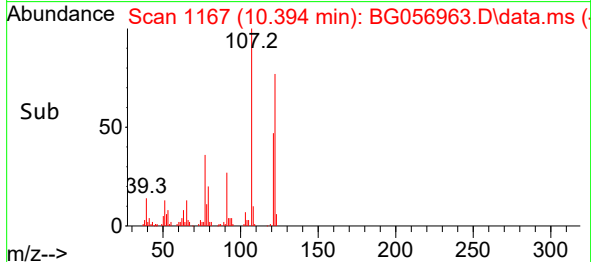
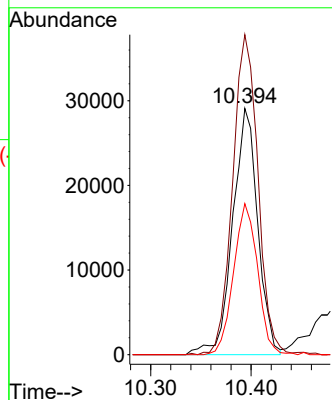
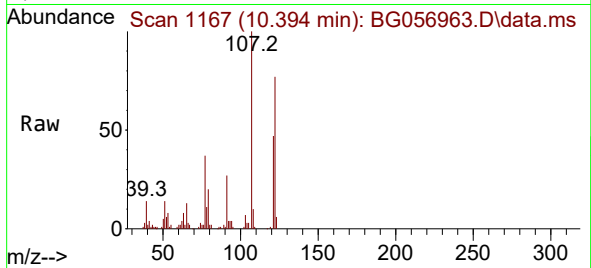




#27
2,4-Dimethylphenol
Concen: 46.055 ng
RT: 10.394 min Scan# 1167
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

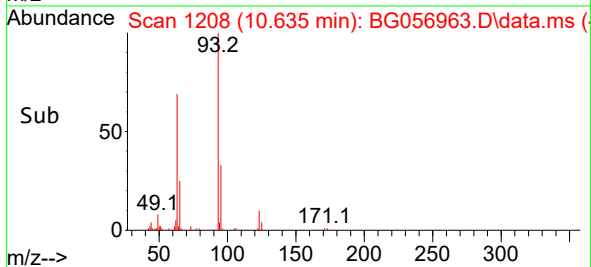
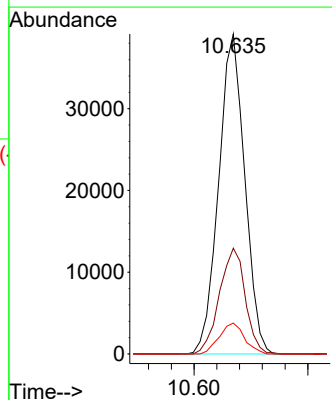
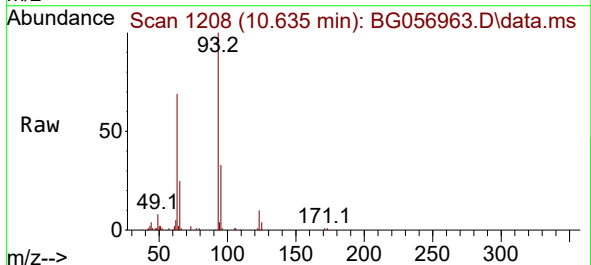
Instrument :
BNA_G
ClientSampleId :
PB151881BS

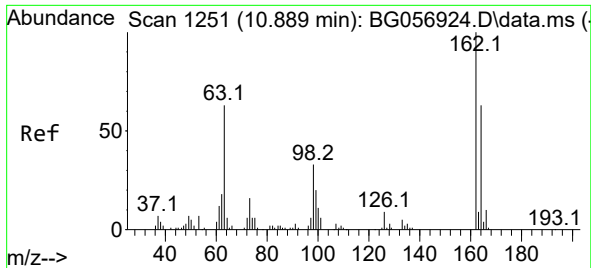
Tgt Ion:122 Resp: 50517
Ion Ratio Lower Upper
122 100
107 129.9 105.7 158.5
121 61.3 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.487 ng
RT: 10.635 min Scan# 1208
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 93 Resp: 62264
Ion Ratio Lower Upper
93 100
95 33.0 24.6 37.0
123 9.6 7.8 11.6

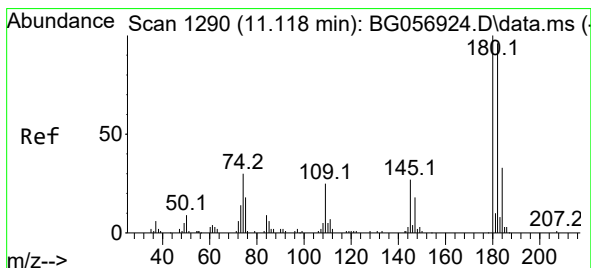
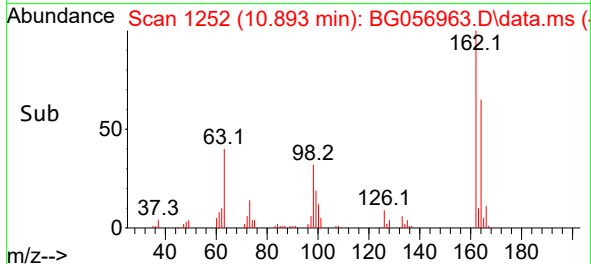
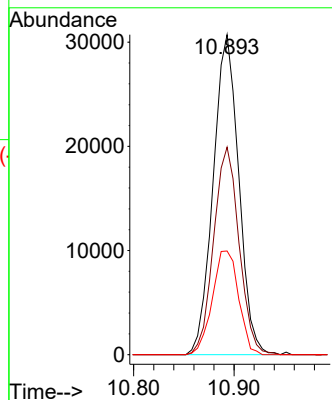
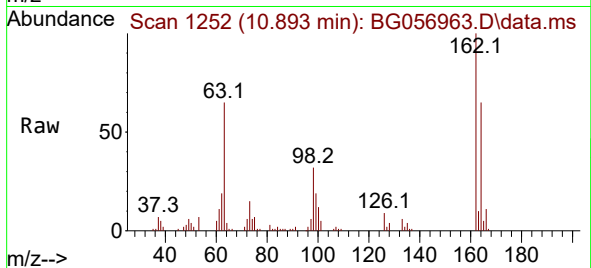




#29
2,4-Dichlorophenol
Concen: 46.068 ng
RT: 10.893 min Scan# 1251
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

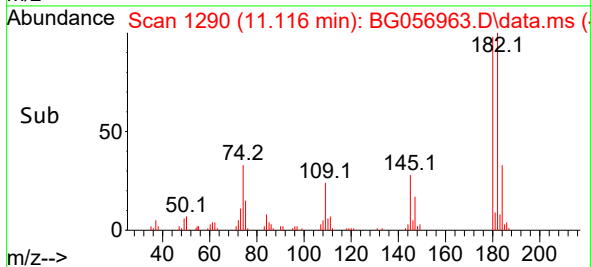
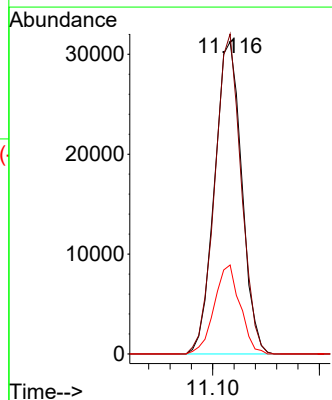
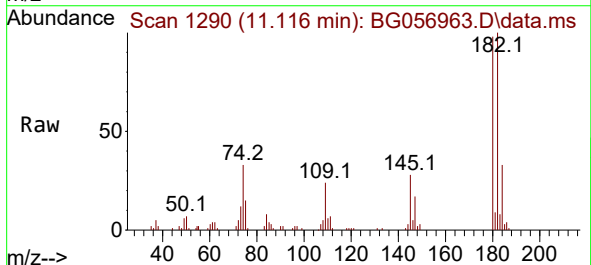
Instrument :
BNA_G
ClientSampleId :
PB151881BS

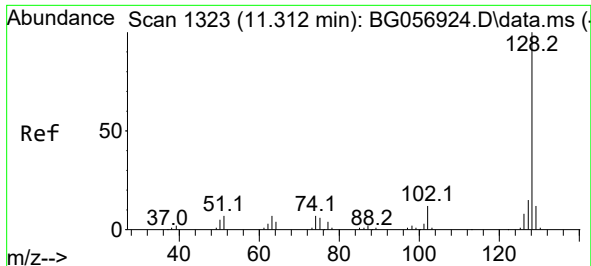
Tgt Ion:162 Resp: 54344
Ion Ratio Lower Upper
162 100
164 64.8 43.4 83.4
98 32.4 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 43.984 ng
RT: 11.116 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:180 Resp: 55130
Ion Ratio Lower Upper
180 100
182 102.5 77.1 115.7
145 28.5 21.3 31.9

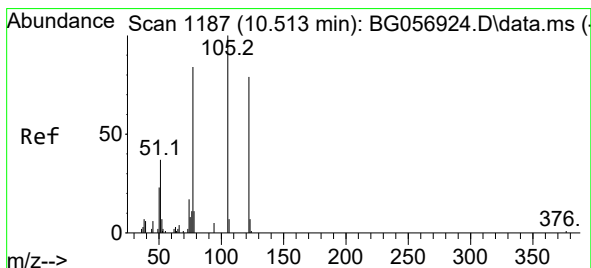
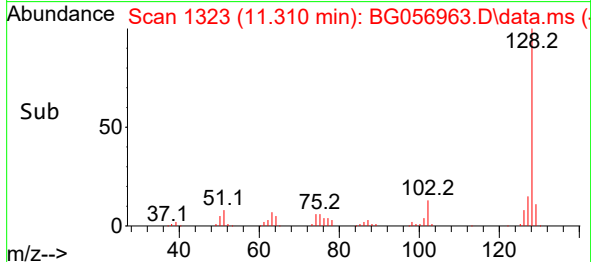
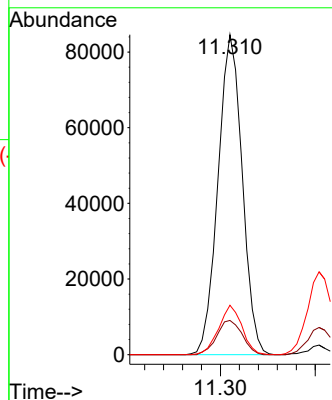
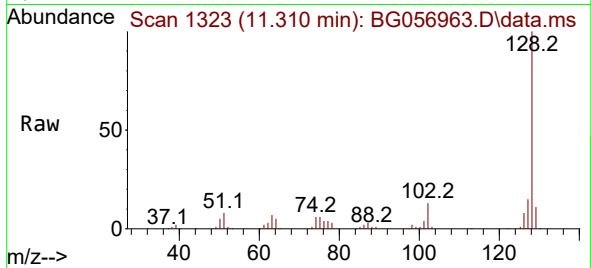




#31
Naphthalene
Concen: 42.754 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

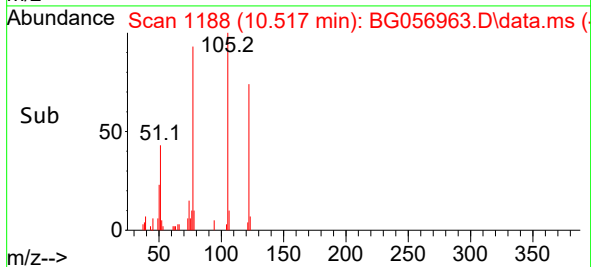
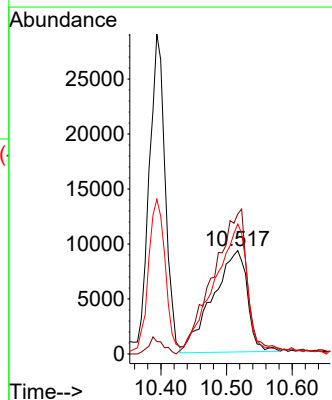
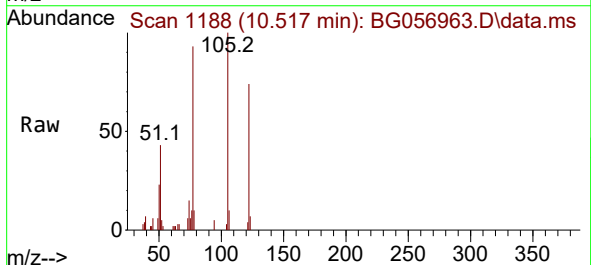
Instrument :
BNA_G
ClientSampleId :
PB151881BS

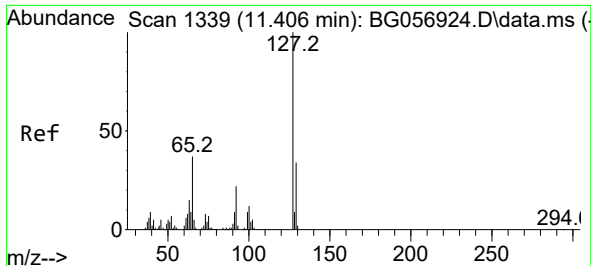
Tgt Ion:128 Resp: 150111
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 15.4 12.2 18.4



#32
Benzoic acid
Concen: 44.815 ng
RT: 10.517 min Scan# 1188
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:122 Resp: 33766
Ion Ratio Lower Upper
122 100
105 135.3 105.4 145.4
77 125.7 87.4 127.4

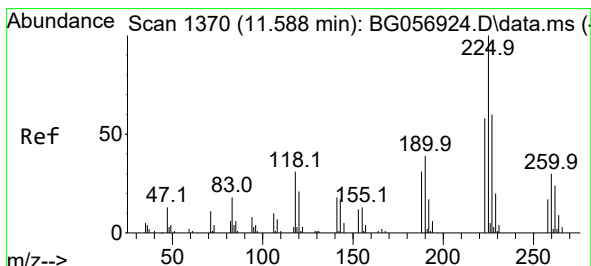
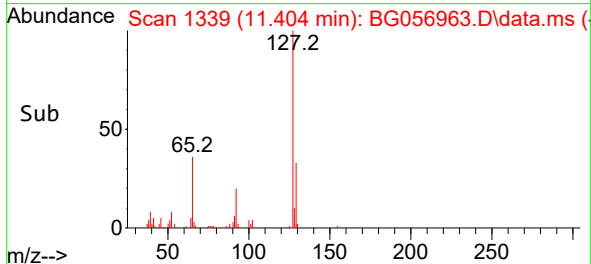
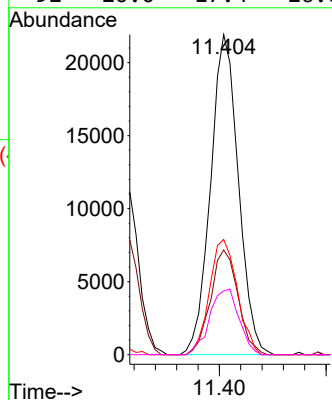
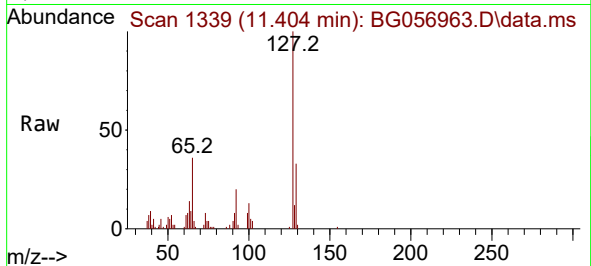




#33
4-Chloroaniline
Concen: 25.040 ng
RT: 11.404 min Scan# 1139
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

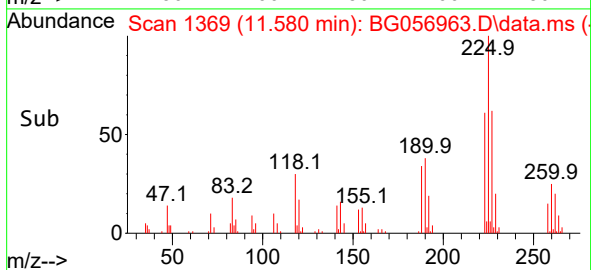
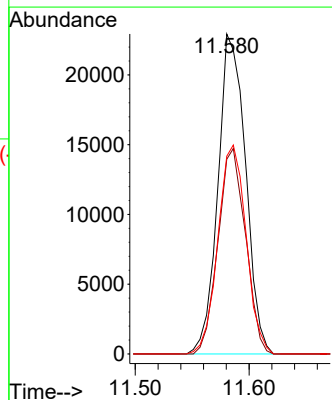
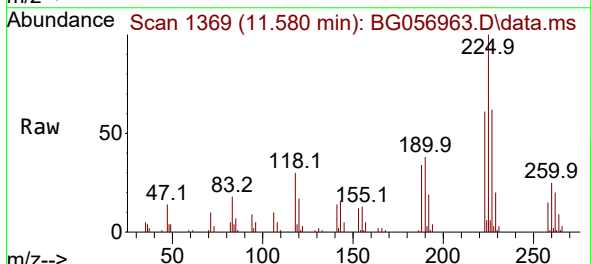
Instrument :
BNA_G
ClientSampleId :
PB151881BS

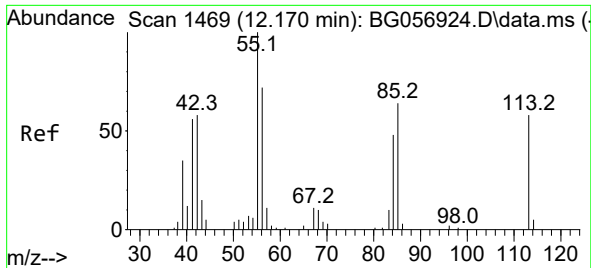
Tgt Ion:	127	Resp:	39707
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.6	41.4
65	36.0	29.8	44.8
92	20.0	17.4	26.0



#34
Hexachlorobutadiene
Concen: 41.040 ng
RT: 11.580 min Scan# 1369
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:	225	Resp:	38640
Ion	Ratio	Lower	Upper
225	100		
223	60.8	46.4	69.6
227	61.8	48.0	72.0

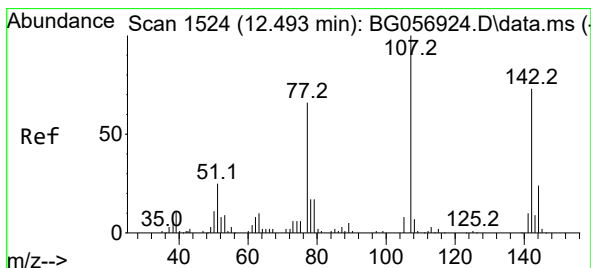
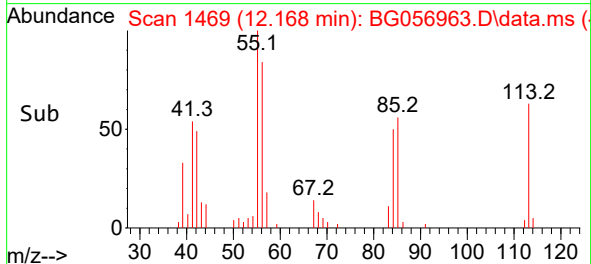
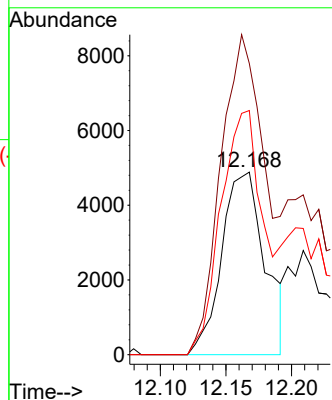
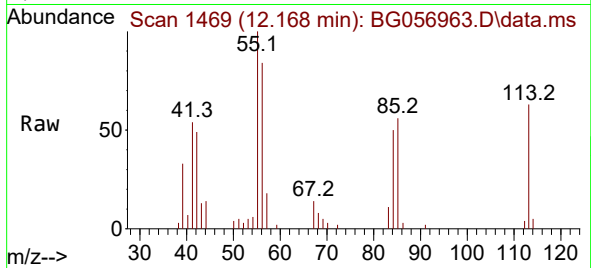




#35
 Caprolactam
 Concen: 27.459 ng
 RT: 12.168 min Scan# 1469
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

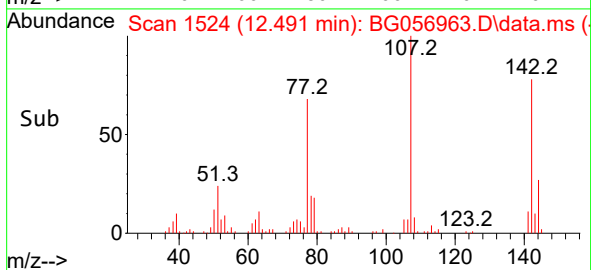
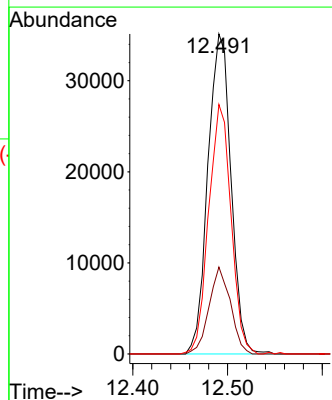
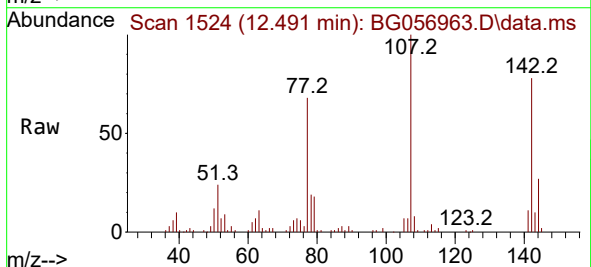
Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

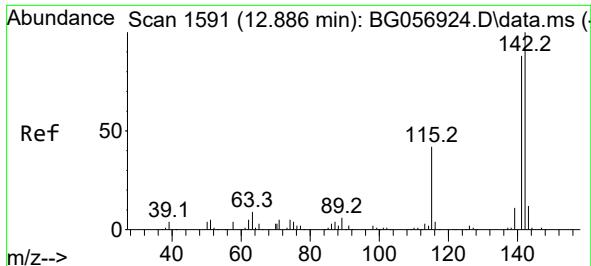
Tgt Ion:113 Resp: 11171
 Ion Ratio Lower Upper
 113 100
 55 159.5 151.6 191.6
 56 133.7 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.175 ng
 RT: 12.491 min Scan# 1524
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion:107 Resp: 59596
 Ion Ratio Lower Upper
 107 100
 144 27.1 19.0 28.4
 142 78.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 40.610 ng

RT: 12.884 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

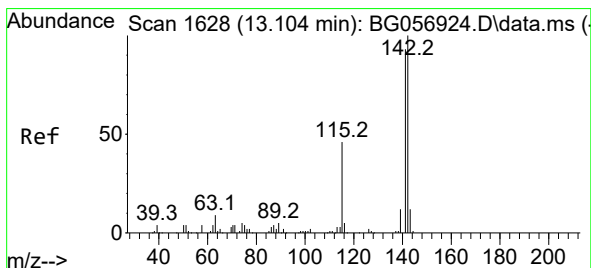
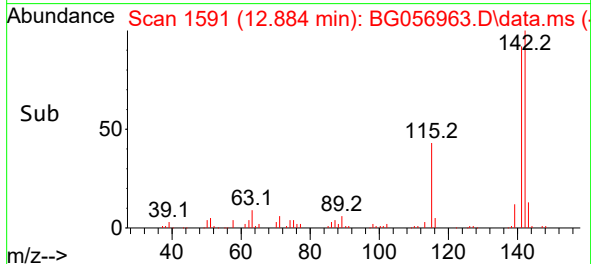
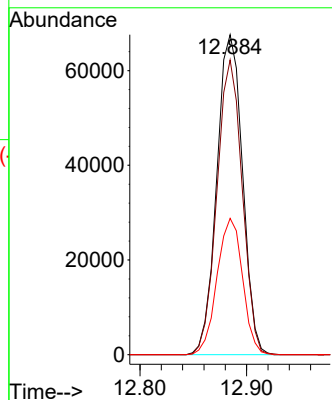
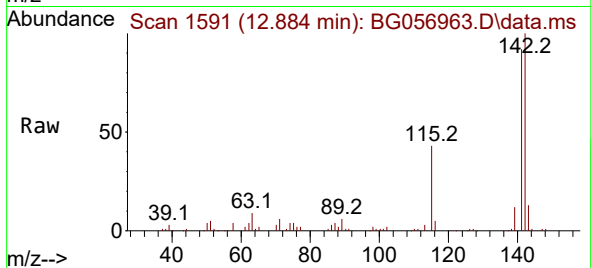
Tgt Ion:142 Resp: 113164

Ion Ratio Lower Upper

142 100

141 92.1 70.3 105.5

115 42.6 33.5 50.3



#38

1-Methylnaphthalene

Concen: 40.761 ng

RT: 13.102 min Scan# 1628

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

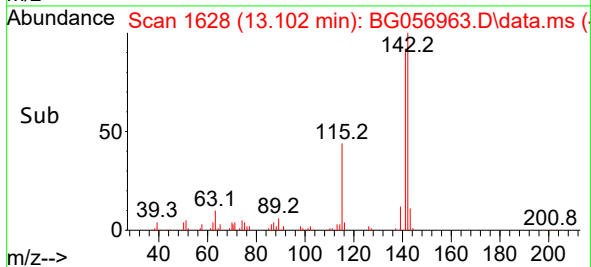
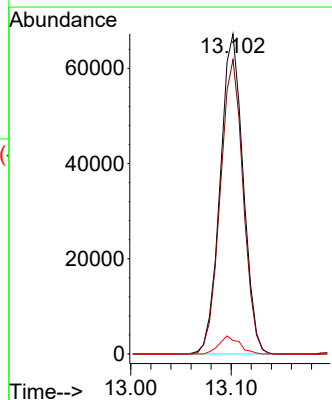
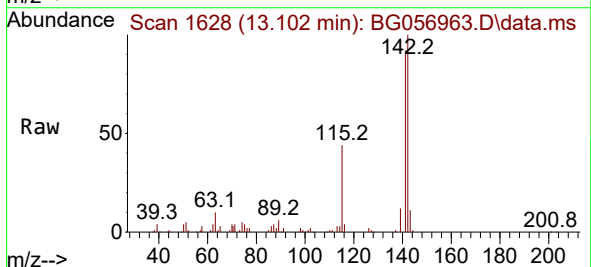
Tgt Ion:142 Resp: 106657

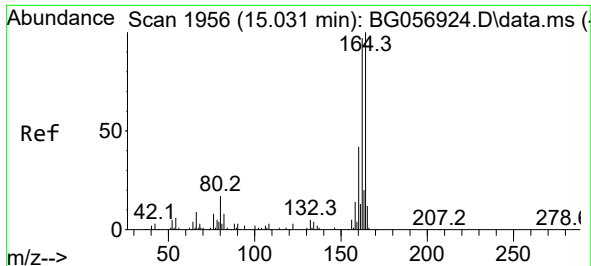
Ion Ratio Lower Upper

142 100

141 92.0 74.0 111.0

116 4.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.029 min Scan# 1956

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

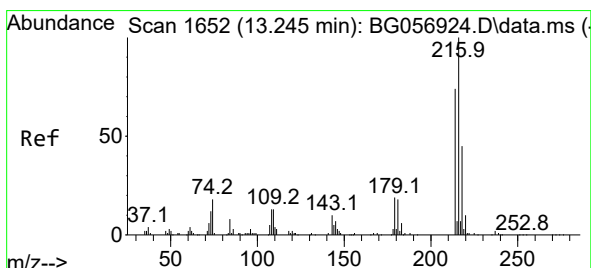
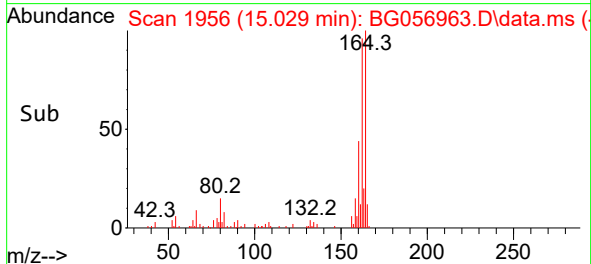
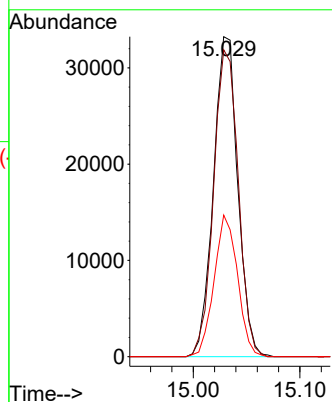
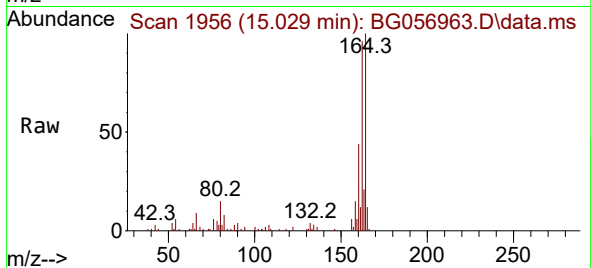
Tgt Ion:164 Resp: 52723

Ion Ratio Lower Upper

164 100

162 95.9 77.8 116.8

160 44.3 33.5 50.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.766 ng

RT: 13.243 min Scan# 1652

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Tgt Ion:216 Resp: 76360

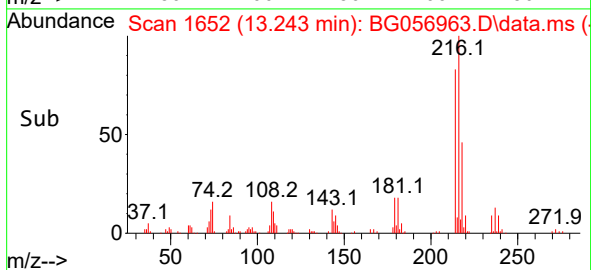
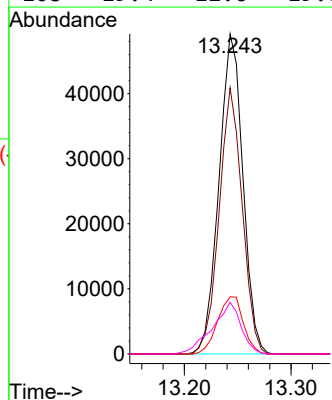
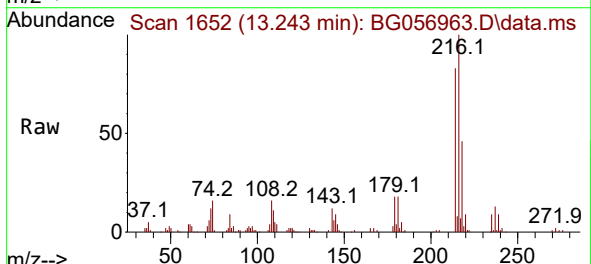
Ion Ratio Lower Upper

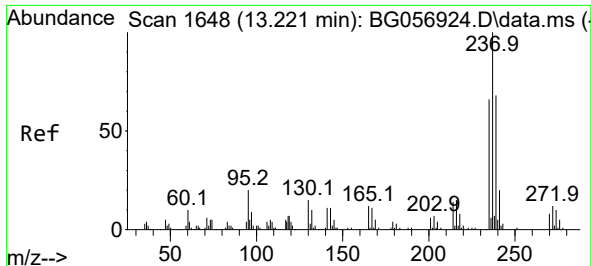
216 100

214 80.2 63.3 94.9

179 19.3 15.0 22.6

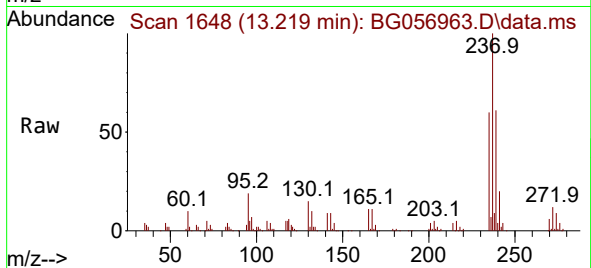
108 19.4 12.6 19.0#



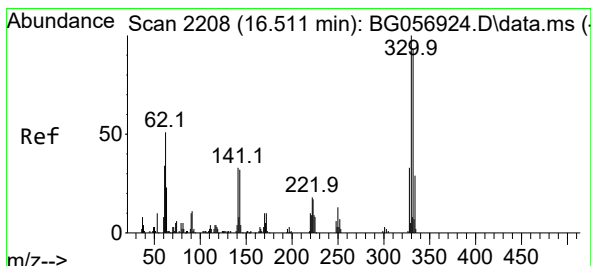
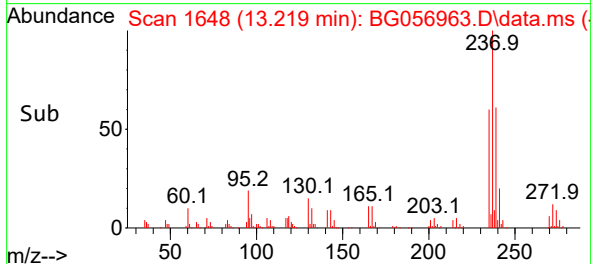
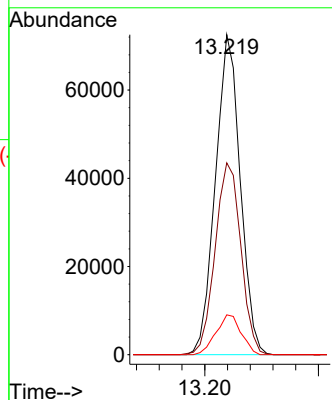


#41
Hexachlorocyclopentadiene
Concen: 109.241 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Instrument :
BNA_G
ClientSampleId :
PB151881BS

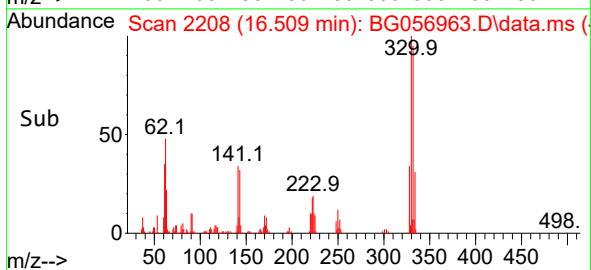
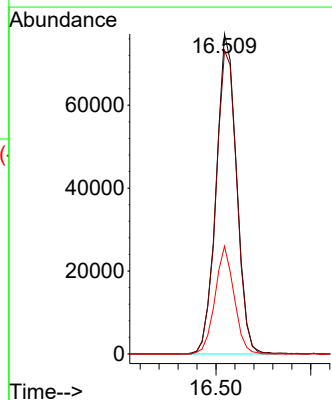
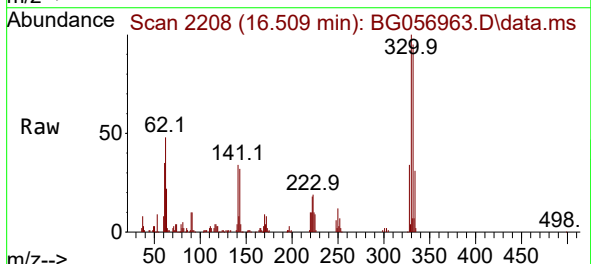


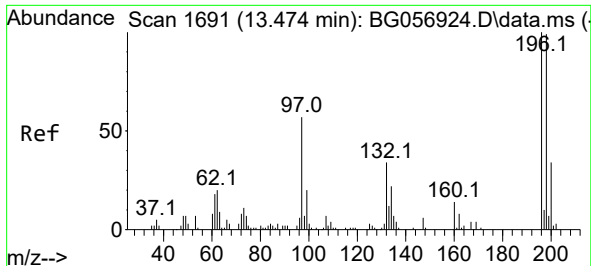
Tgt Ion:237 Resp: 110043
Ion Ratio Lower Upper
237 100
235 59.9 45.9 85.9
272 12.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 136.483 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:330 Resp: 114955
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 31.4 25.8 38.6

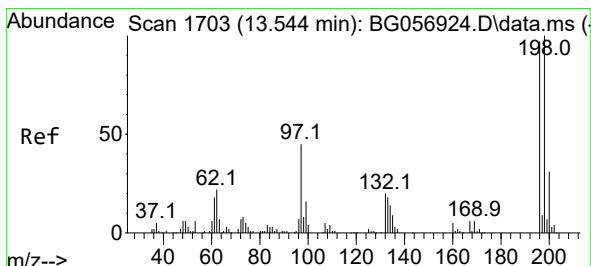
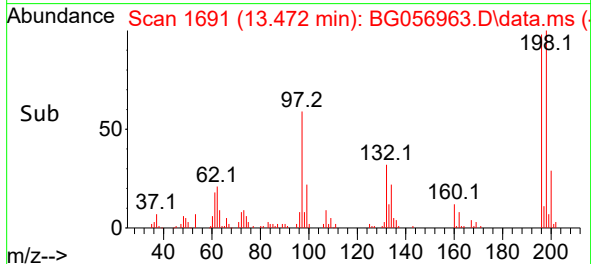
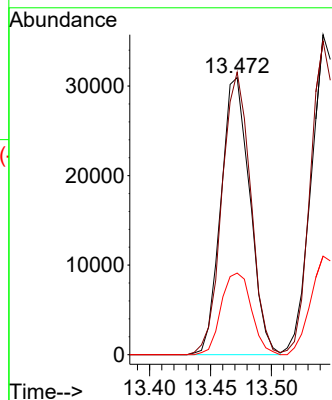
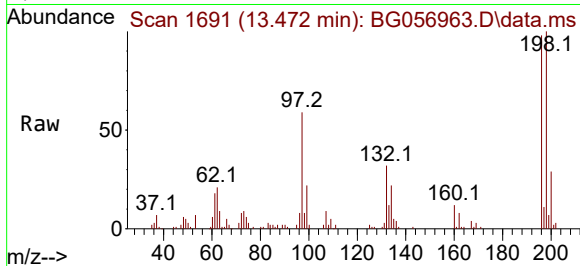




#43
 2,4,6-Trichlorophenol
 Concen: 43.824 ng
 RT: 13.472 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

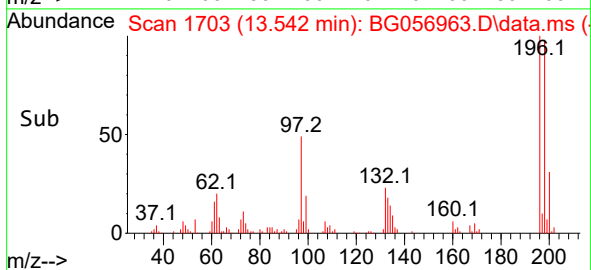
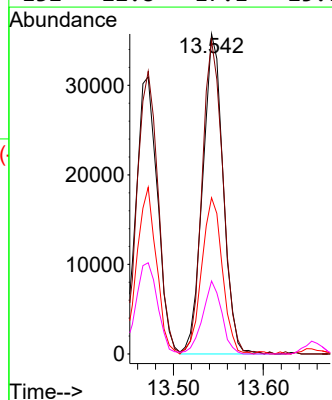
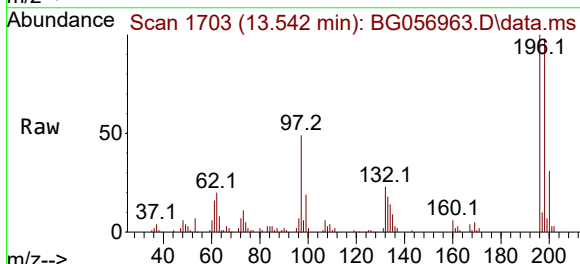
Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

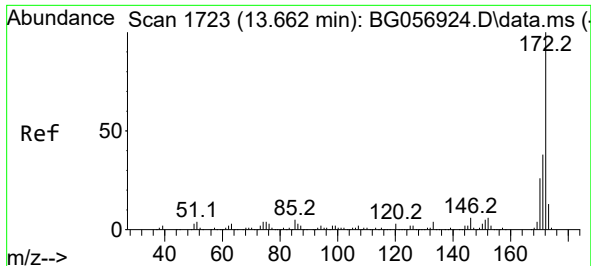
Tgt Ion:196 Resp: 51129
 Ion Ratio Lower Upper
 196 100
 198 102.0 79.1 118.7
 200 29.5 27.2 40.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.987 ng
 RT: 13.542 min Scan# 1703
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion:196 Resp: 56649
 Ion Ratio Lower Upper
 196 100
 198 98.0 82.5 123.7
 97 48.8 37.0 55.6
 132 22.8 17.1 25.7

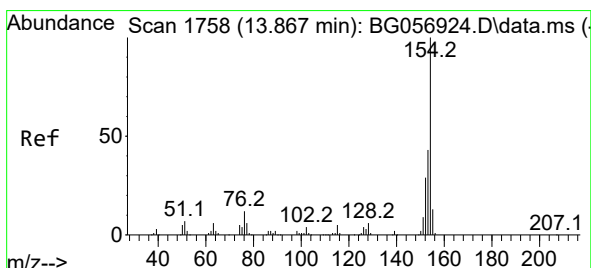
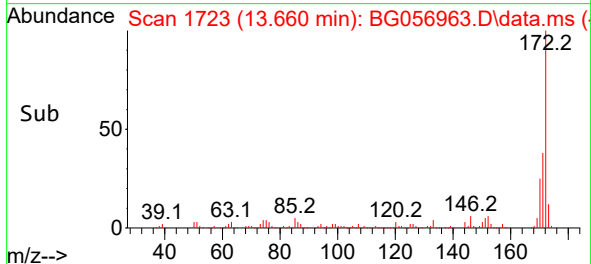
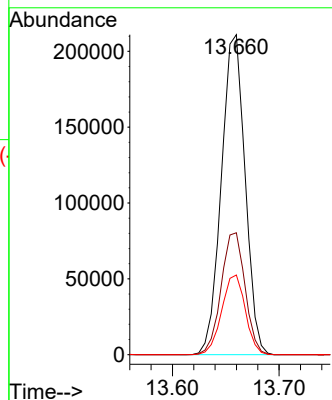
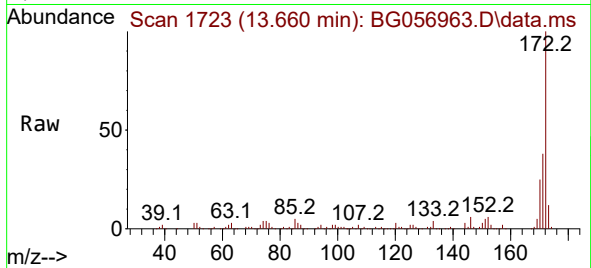




#45
2-Fluorobiphenyl
Concen: 83.872 ng
RT: 13.660 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

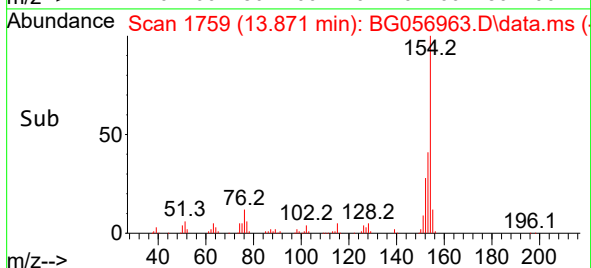
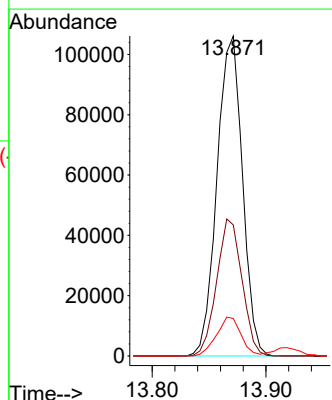
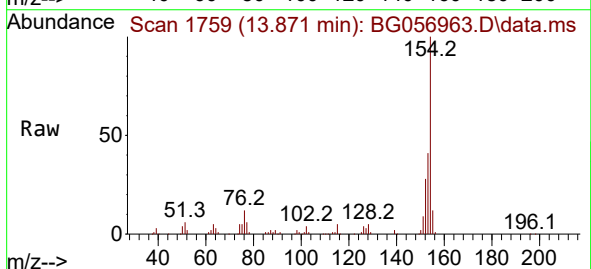
Instrument :
BNA_G
ClientSampleId :
PB151881BS

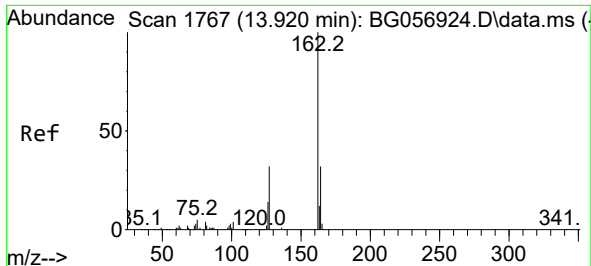
Tgt Ion:172 Resp: 326101
Ion Ratio Lower Upper
172 100
171 38.1 30.6 46.0
170 24.9 20.6 30.8



#46
1,1'-Biphenyl
Concen: 42.729 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:154 Resp: 164910
Ion Ratio Lower Upper
154 100
153 40.9 23.4 63.4
76 11.7 0.0 31.6

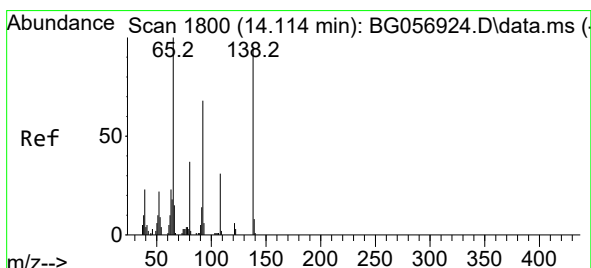
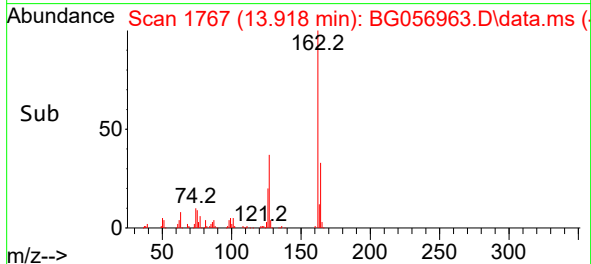
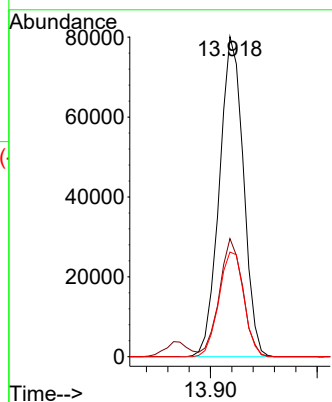
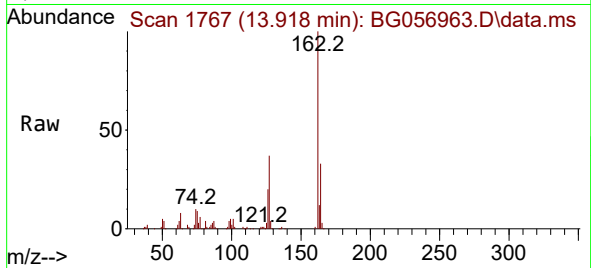




#47
2-Chloronaphthalene
Concen: 43.897 ng
RT: 13.918 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

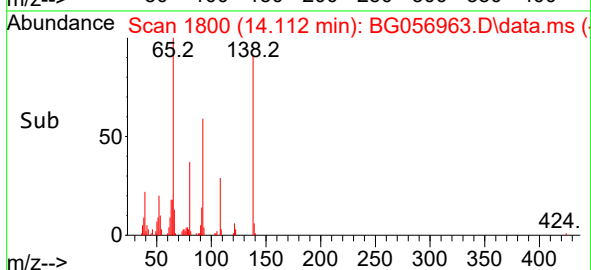
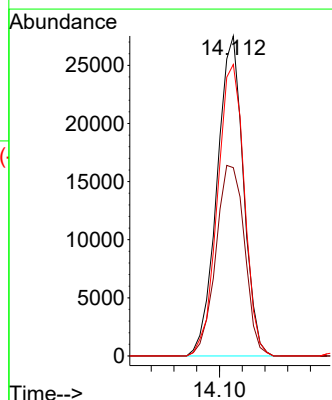
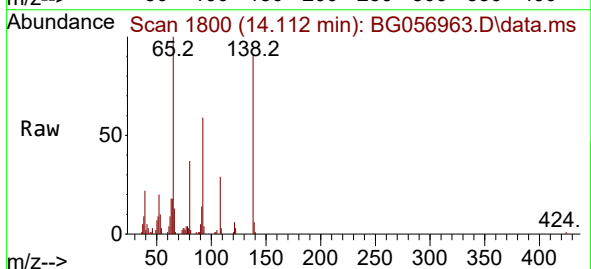
Instrument :
BNA_G
ClientSampleId :
PB151881BS

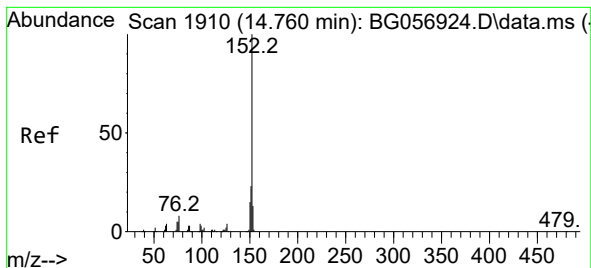
Tgt Ion:162 Resp: 125303
Ion Ratio Lower Upper
162 100
127 36.9 29.5 44.3
164 32.7 25.5 38.3



#48
2-Nitroaniline
Concen: 43.381 ng
RT: 14.112 min Scan# 1800
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 65 Resp: 44278
Ion Ratio Lower Upper
65 100
92 58.8 54.3 81.5
138 91.1 76.0 114.0





#49

Acenaphthylene

Concen: 42.182 ng

RT: 14.758 min Scan# 1910

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

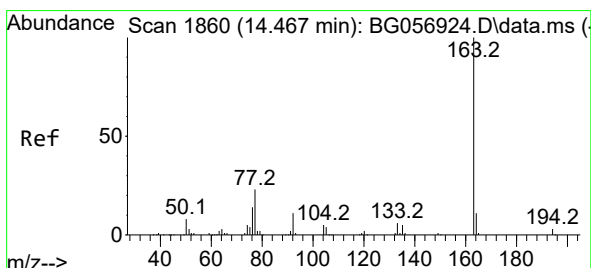
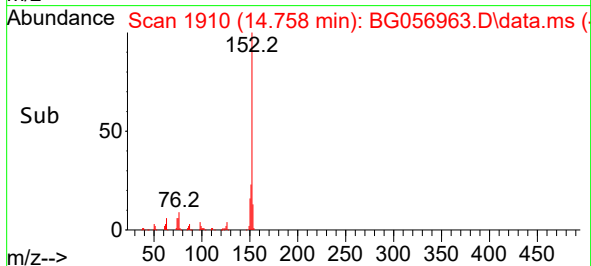
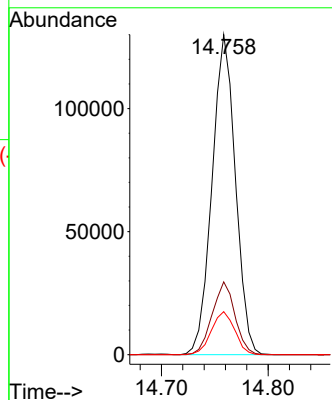
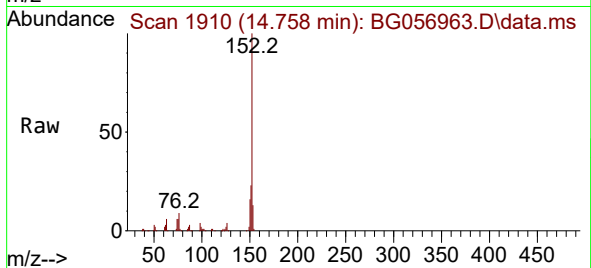
Tgt Ion:152 Resp: 197830

Ion Ratio Lower Upper

152 100

151 22.7 18.2 27.2

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 41.118 ng

RT: 14.465 min Scan# 1860

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

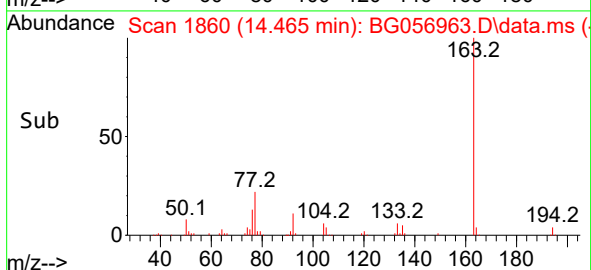
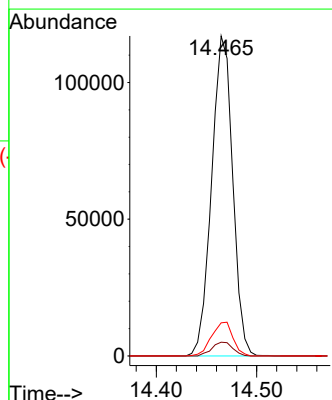
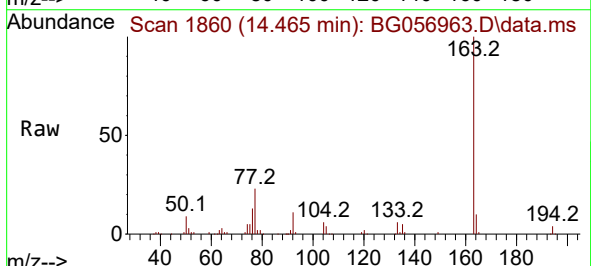
Tgt Ion:163 Resp: 170814

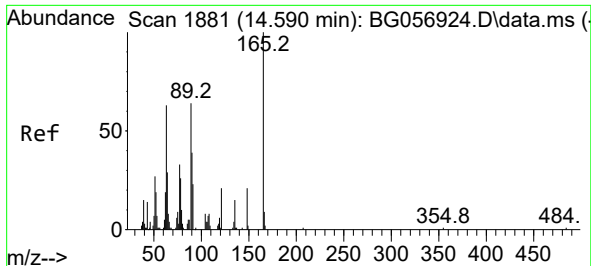
Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

164 10.4 8.8 13.2

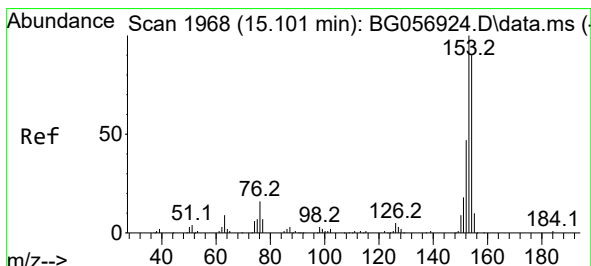
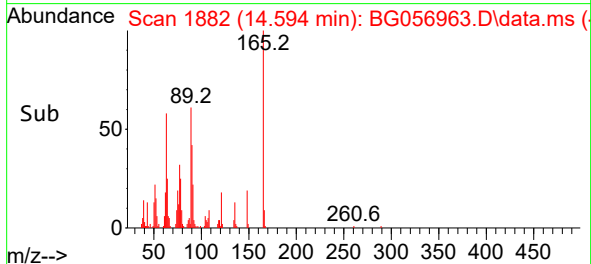
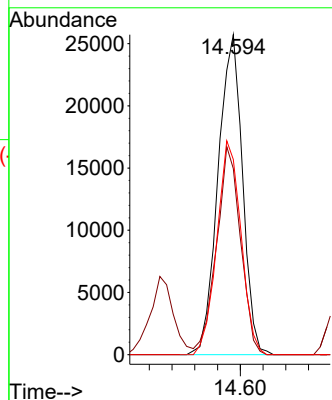
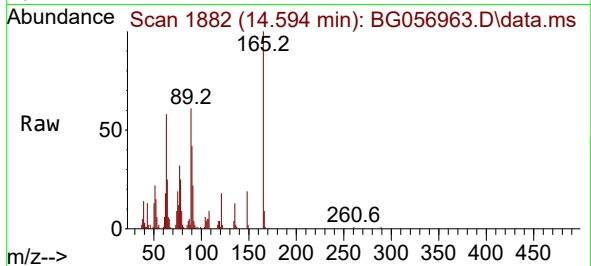




#51
2,6-Dinitrotoluene
Concen: 42.716 ng
RT: 14.594 min Scan# 1881
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

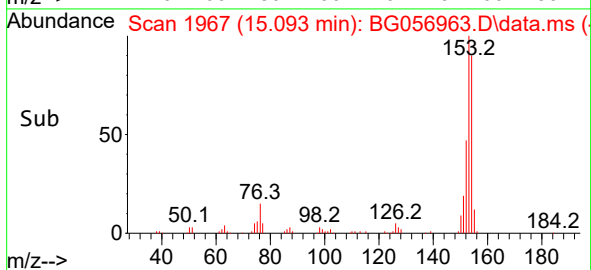
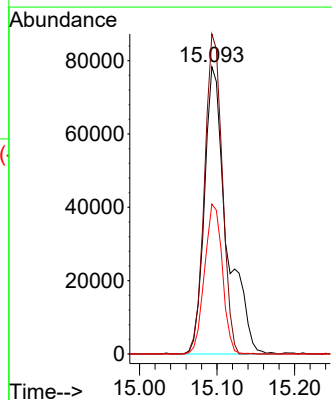
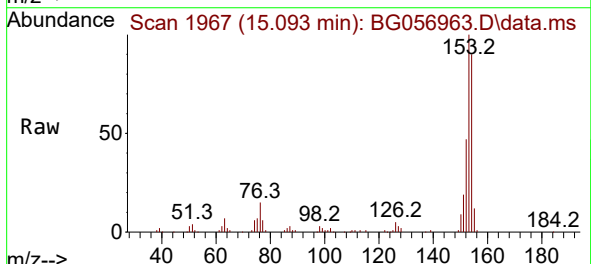
Instrument :
BNA_G
ClientSampleId :
PB151881BS

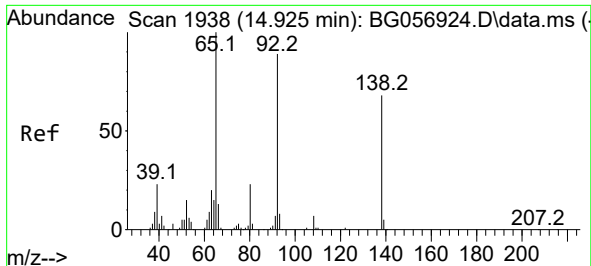
Tgt Ion:165 Resp: 38340
Ion Ratio Lower Upper
165 100
63 58.2 53.0 79.6
89 61.0 51.0 76.4



#52
Acenaphthene
Concen: 48.355 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:154 Resp: 156406
Ion Ratio Lower Upper
154 100
153 111.4 88.9 133.3
152 52.2 41.8 62.8

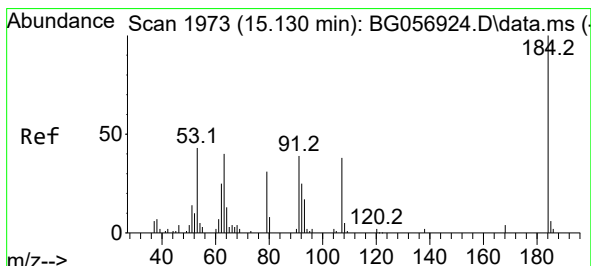
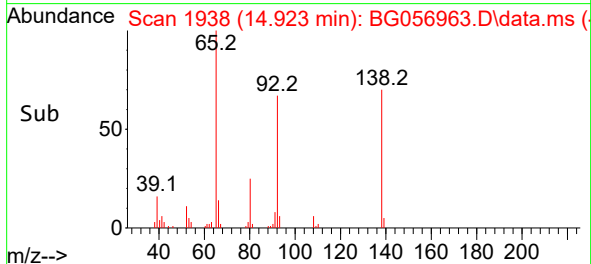
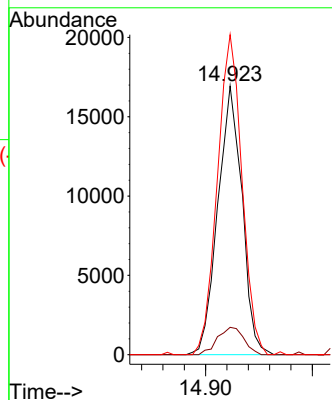
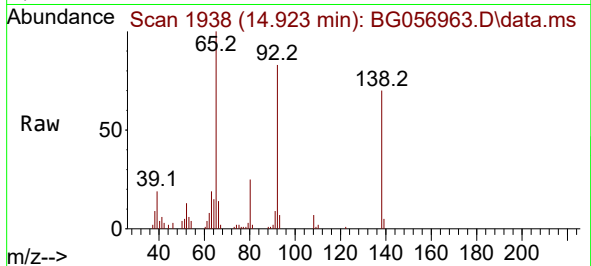




#53
3-Nitroaniline
Concen: 29.937 ng
RT: 14.923 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

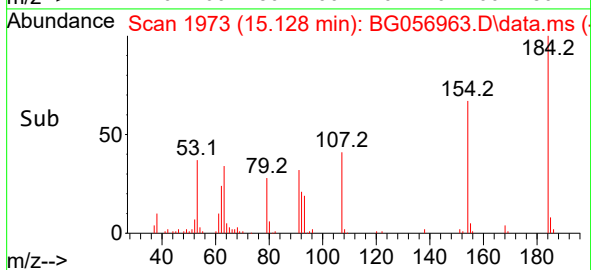
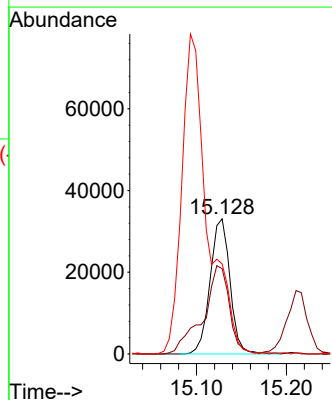
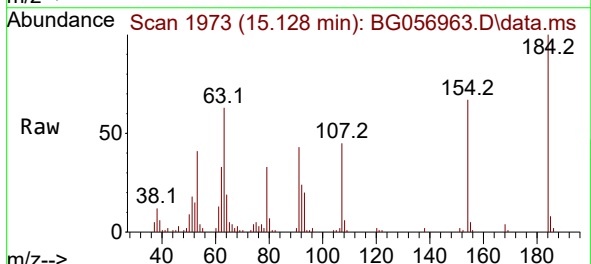
Instrument :
BNA_G
ClientSampleId :
PB151881BS

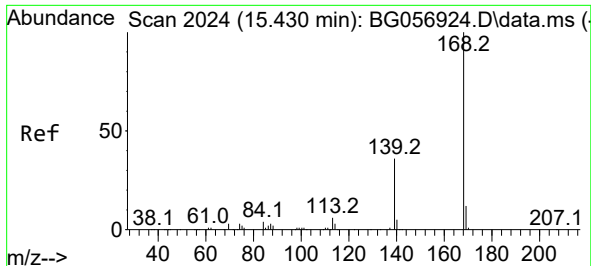
Tgt Ion:138 Resp: 26597
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 119.1 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 100.774 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:184 Resp: 50911
Ion Ratio Lower Upper
184 100
63 63.0 46.5 69.7
154 66.6 53.5 80.3

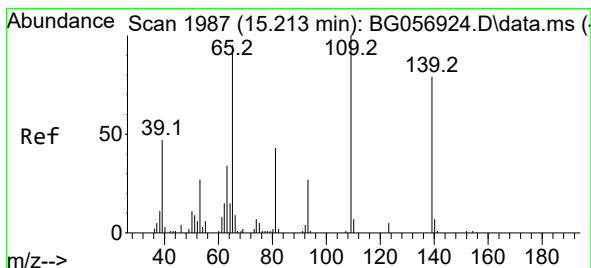
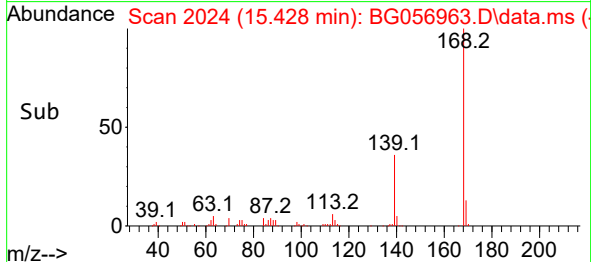
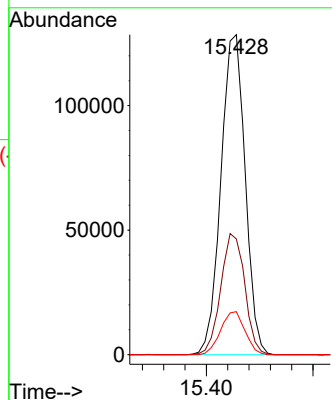
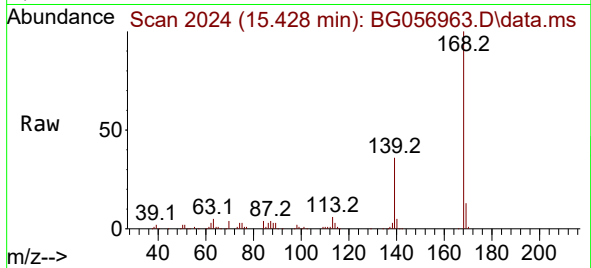




#55
Dibenzofuran
Concen: 41.752 ng
RT: 15.428 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

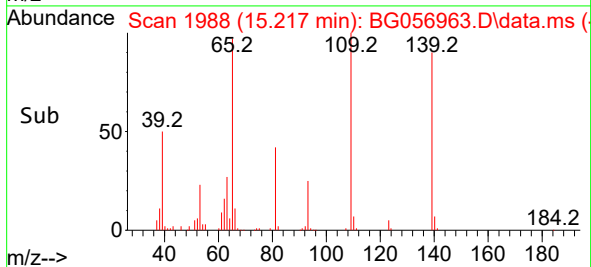
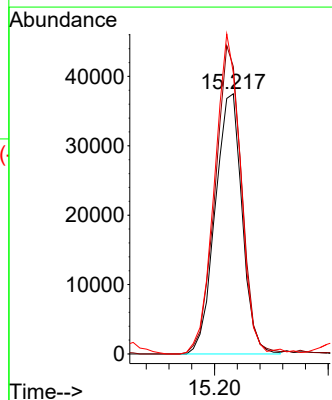
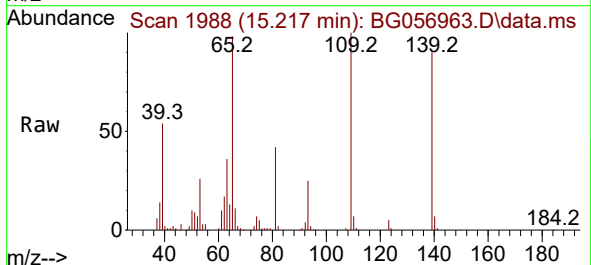
Instrument :
BNA_G
ClientSampleId :
PB151881BS

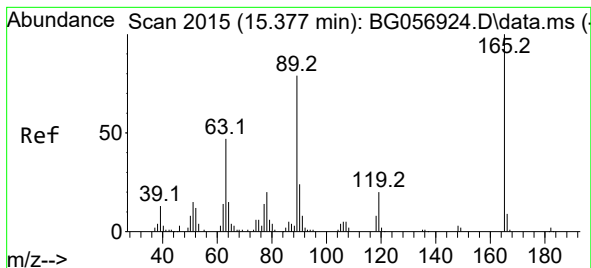
Tgt Ion:168 Resp: 202694
Ion Ratio Lower Upper
168 100
139 36.1 28.9 43.3
169 13.4 9.8 14.6



#56
4-Nitrophenol
Concen: 93.859 ng
RT: 15.217 min Scan# 1988
Delta R.T. 0.004 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:139 Resp: 61661
Ion Ratio Lower Upper
139 100
109 110.5 106.7 146.7
65 108.1 100.5 140.5

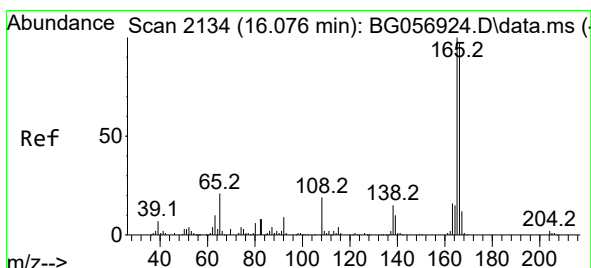
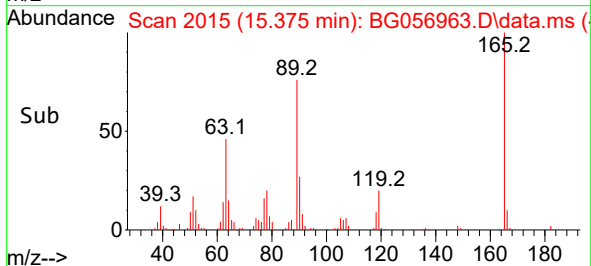
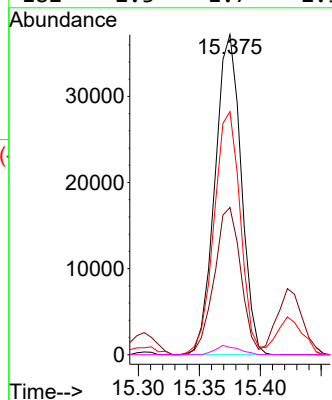
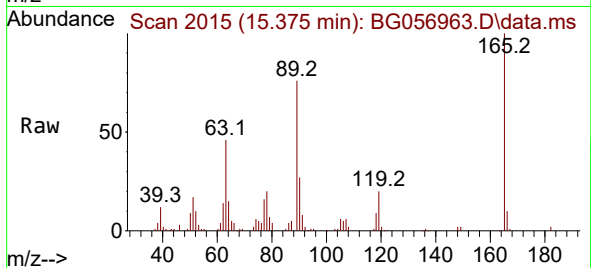




#57
2,4-Dinitrotoluene
Concen: 43.743 ng
RT: 15.375 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

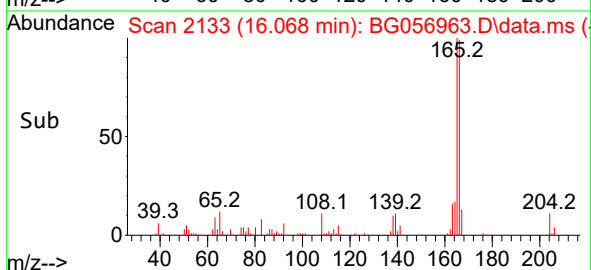
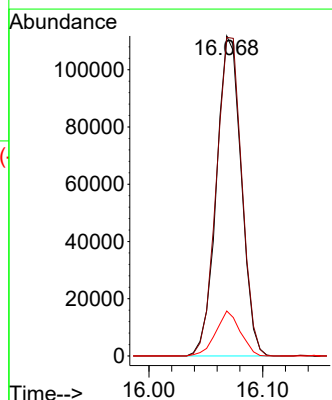
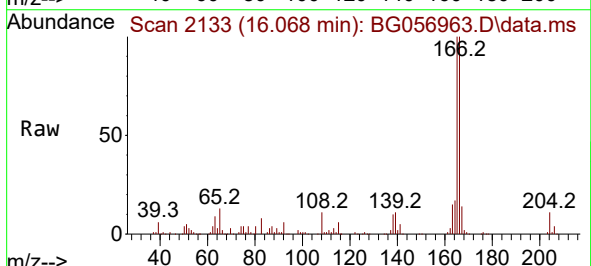
Instrument :
BNA_G
ClientSampleId :
PB151881BS

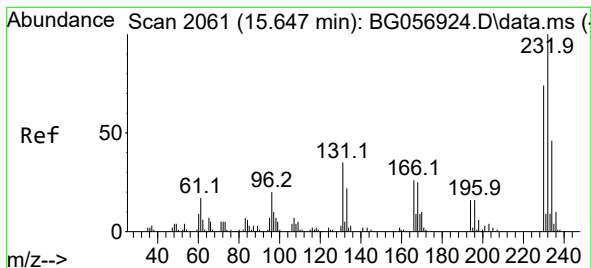
Tgt Ion:165 Resp: 55375
Ion Ratio Lower Upper
165 100
63 46.0 37.7 56.5
89 75.9 63.2 94.8
182 2.3 1.7 2.5



#58
Fluorene
Concen: 42.107 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:166 Resp: 169151
Ion Ratio Lower Upper
166 100
165 99.6 82.6 123.8
167 14.0 10.2 15.2

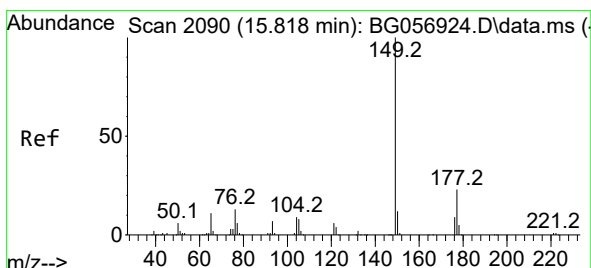
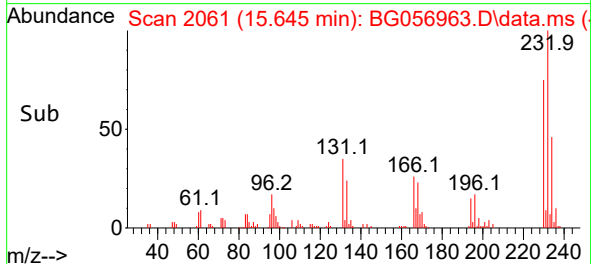
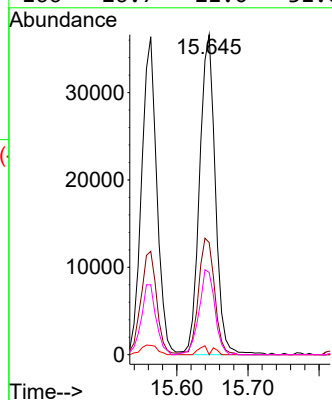
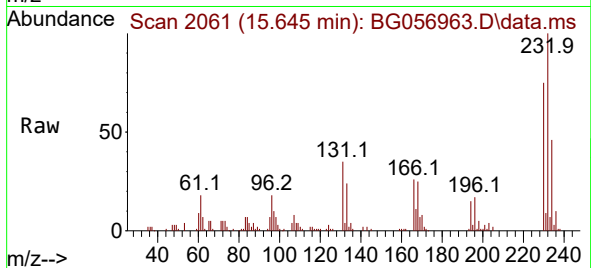




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.865 ng
RT: 15.645 min Scan# 2061
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

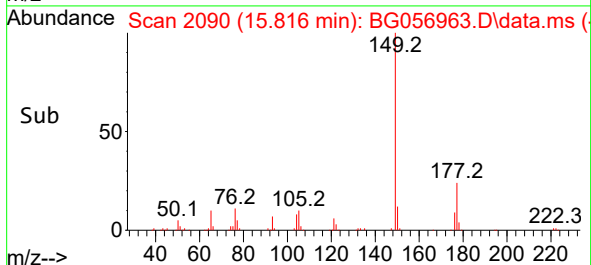
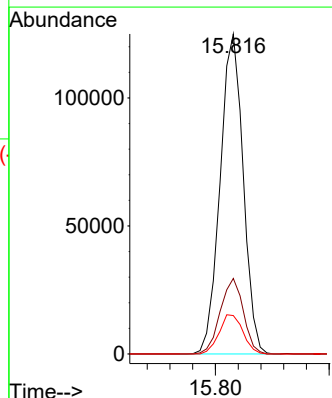
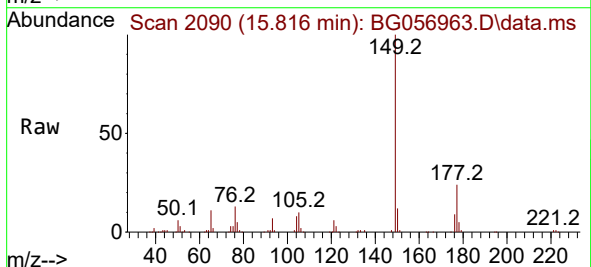
Instrument :
BNA_G
ClientSampleId :
PB151881BS

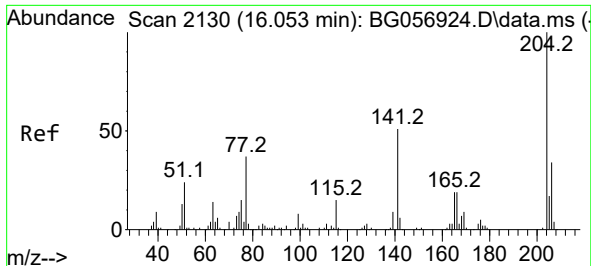
Tgt Ion:232 Resp: 56460
Ion Ratio Lower Upper
232 100
131 37.1 29.3 43.9
130 1.4 1.7 2.5#
166 26.7 21.0 31.6



#60
Diethylphthalate
Concen: 42.261 ng
RT: 15.816 min Scan# 2090
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:149 Resp: 176000
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.0 9.4 14.2

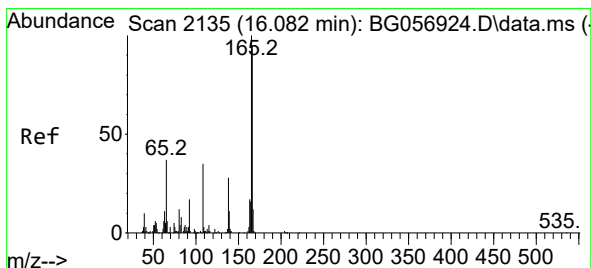
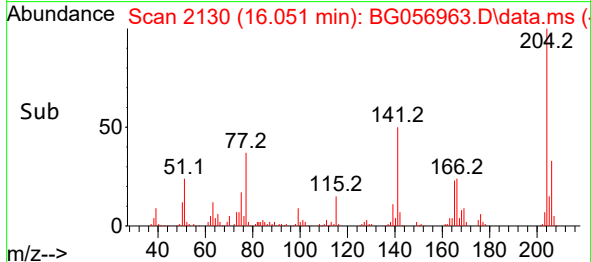
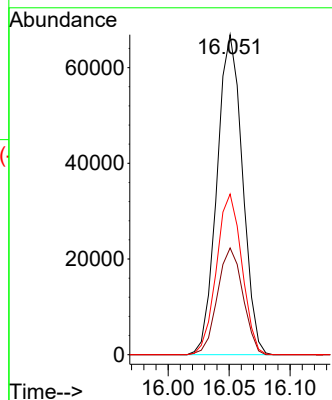
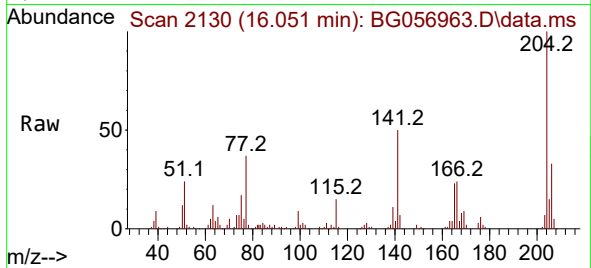




#61
4-Chlorophenyl-phenylether
Concen: 41.245 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

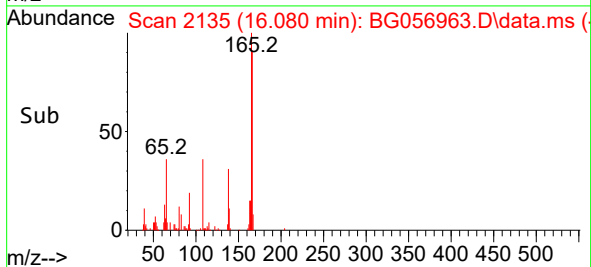
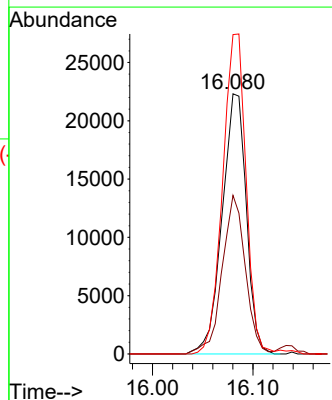
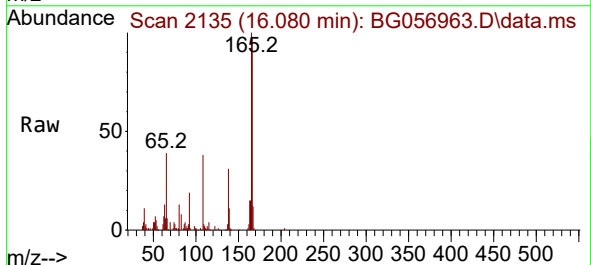
Instrument :
BNA_G
ClientSampleId :
PB151881BS

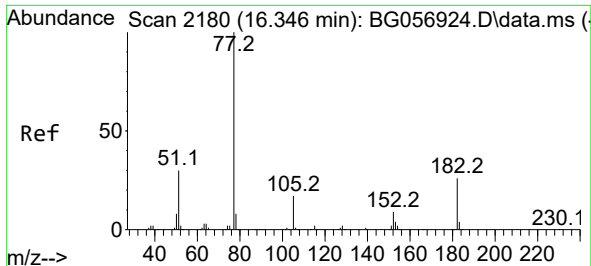
Tgt Ion:204 Resp: 97280
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 50.2 40.7 61.1



#62
4-Nitroaniline
Concen: 40.519 ng
RT: 16.080 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:138 Resp: 37296
Ion Ratio Lower Upper
138 100
92 61.0 40.9 80.9
108 122.8 104.3 144.3



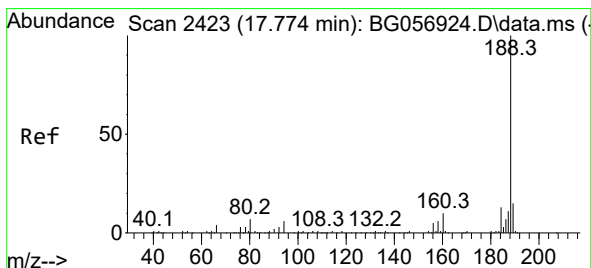
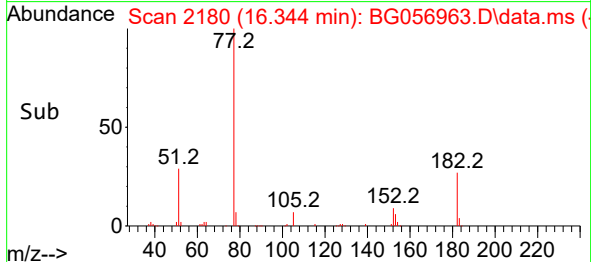
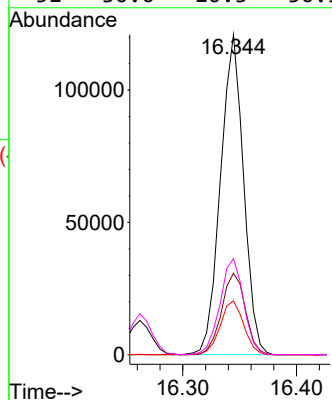
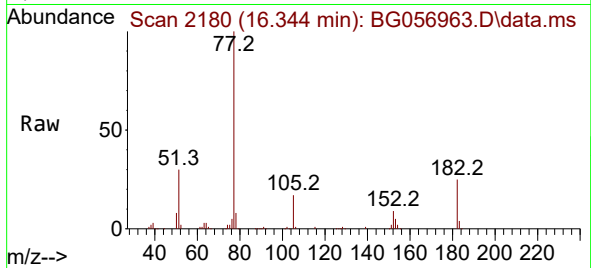


#63
Azobenzene
Concen: 40.992 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Instrument :
BNA_G
ClientSampleId :
PB151881BS

Tgt Ion: 77 Resp: 170132

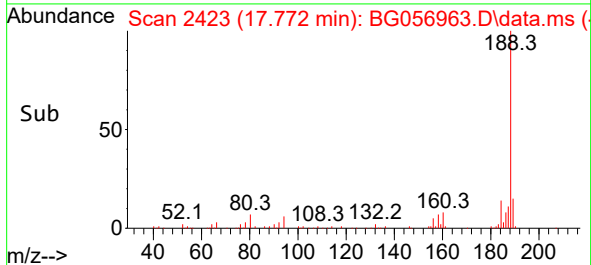
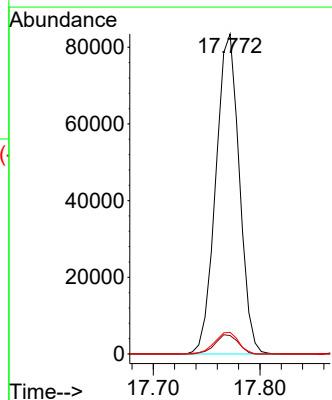
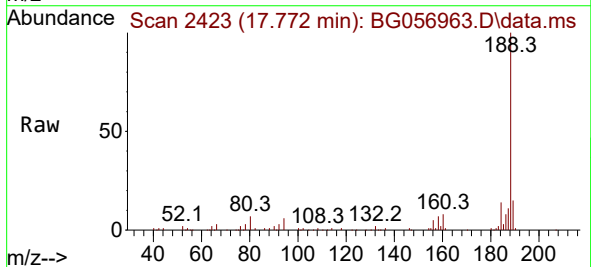
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.9	45.9
105	16.8	0.0	36.8
51	30.0	10.3	50.3

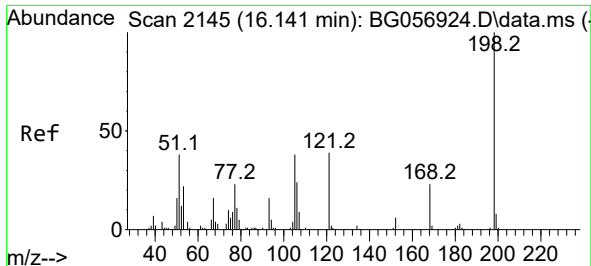


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.772 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion: 188 Resp: 127656

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.6	6.8
80	6.8	5.5	8.3

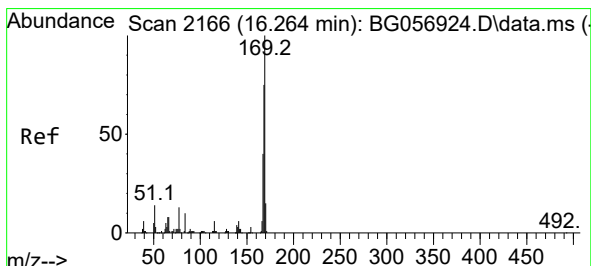
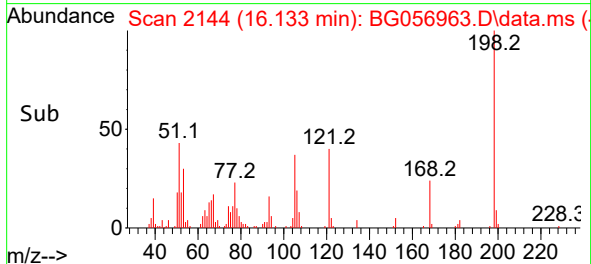
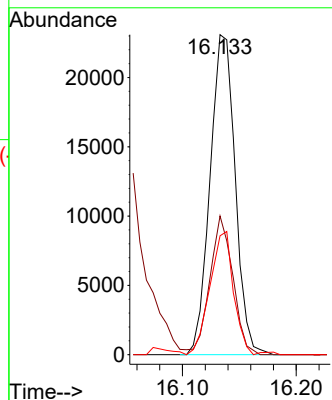
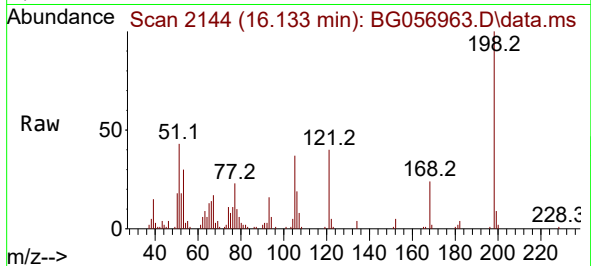




#65
4,6-Dinitro-2-methylphenol
Concen: 45.925 ng
RT: 16.133 min Scan# 2144
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

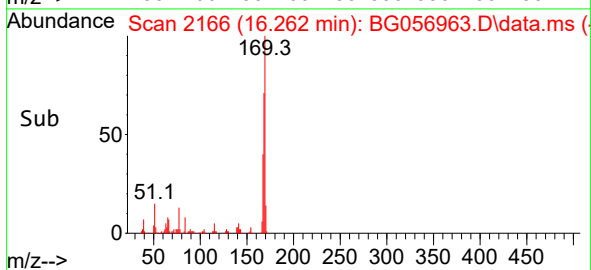
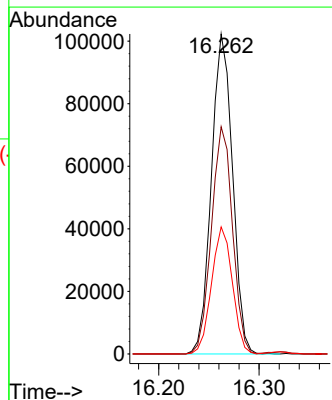
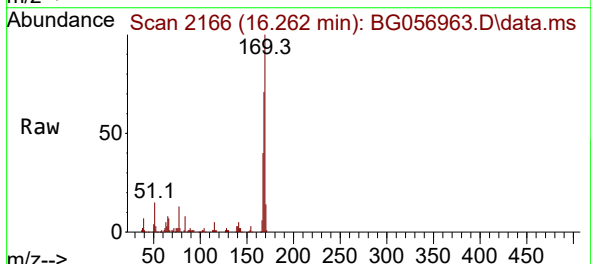
Instrument :
BNA_G
ClientSampleId :
PB151881BS

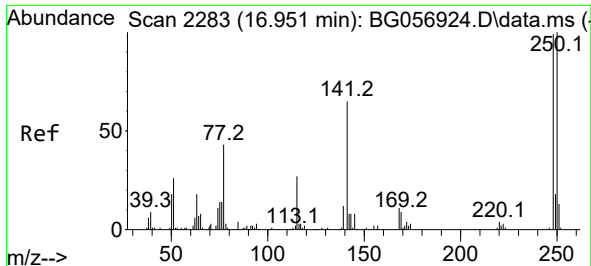
Tgt Ion:198 Resp: 35506
Ion Ratio Lower Upper
198 100
51 43.4 20.5 60.5
105 37.1 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 43.672 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:169 Resp: 149658
Ion Ratio Lower Upper
169 100
168 71.0 59.6 89.4
167 39.7 31.8 47.8

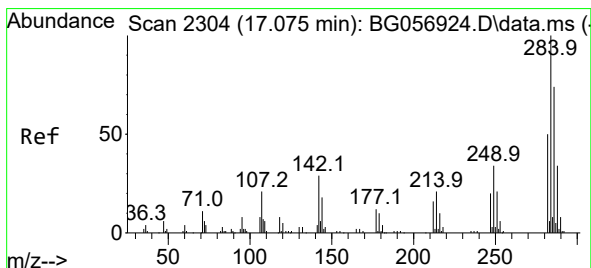
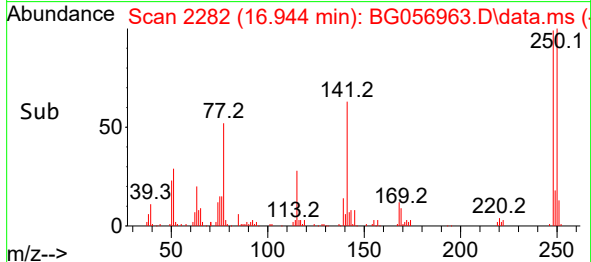
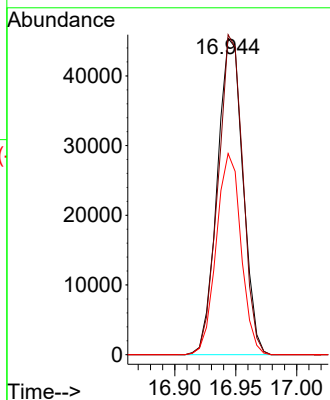
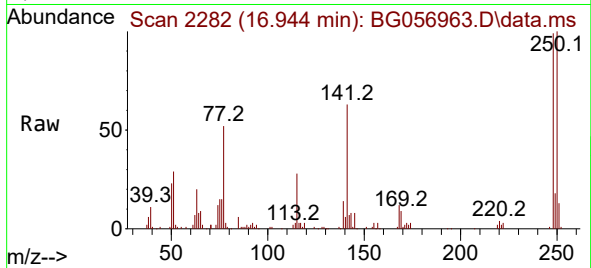




#67
4-Bromophenyl-phenylether
Concen: 42.233 ng
RT: 16.944 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

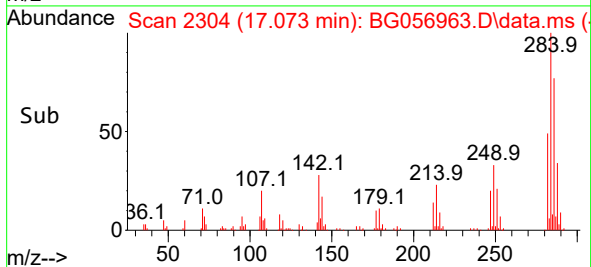
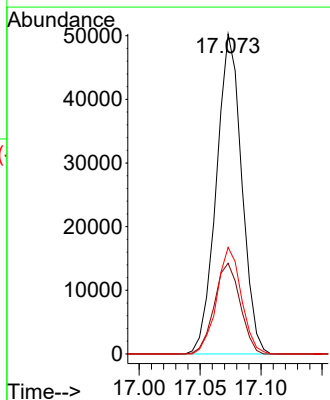
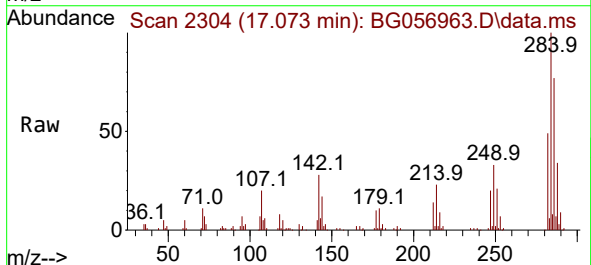
Instrument :
BNA_G
ClientSampleId :
PB151881BS

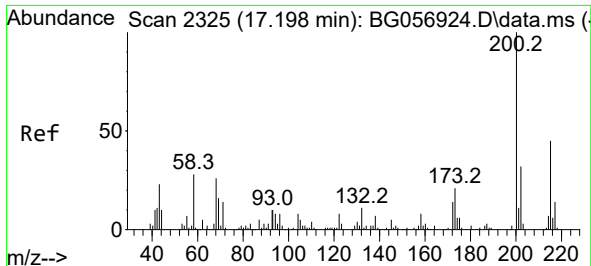
Tgt Ion:248 Resp: 66707
Ion Ratio Lower Upper
248 100
250 101.2 80.5 120.7
141 63.6 52.0 78.0



#68
Hexachlorobenzene
Concen: 46.670 ng
RT: 17.073 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:284 Resp: 72880
Ion Ratio Lower Upper
284 100
142 28.4 23.0 34.4
249 33.3 27.1 40.7

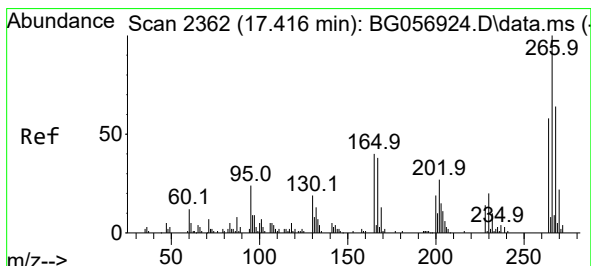
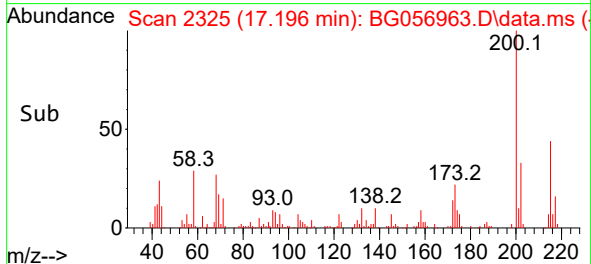
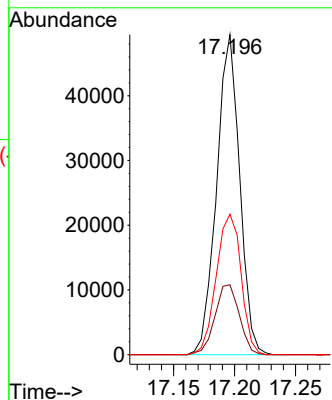
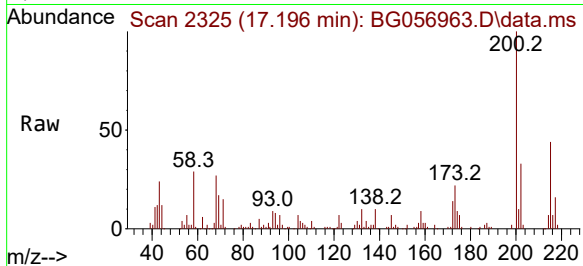




#69
 Atrazine
 Concen: 45.724 ng
 RT: 17.196 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

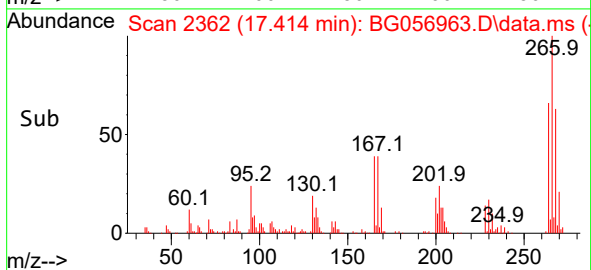
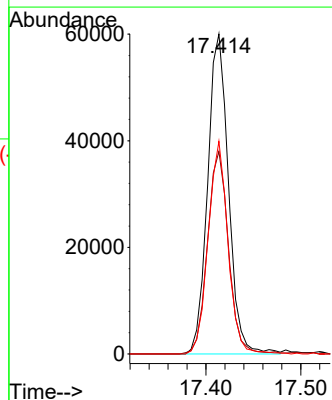
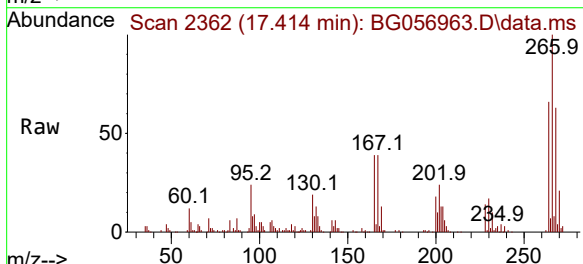
Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

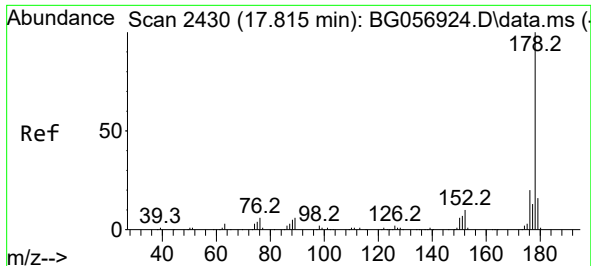
Tgt Ion:200 Resp: 65042
 Ion Ratio Lower Upper
 200 100
 173 21.8 1.0 41.0
 215 43.9 25.0 65.0



#70
 Pentachlorophenol
 Concen: 81.788 ng
 RT: 17.414 min Scan# 2362
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion:266 Resp: 91628
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.0 76.6
 264 66.4 46.8 70.2

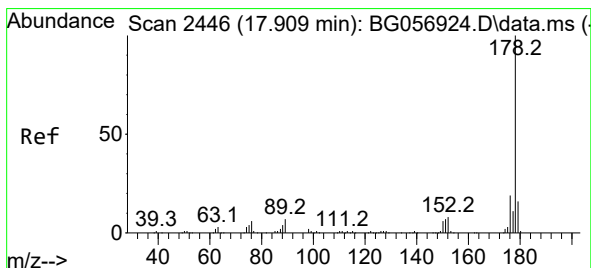
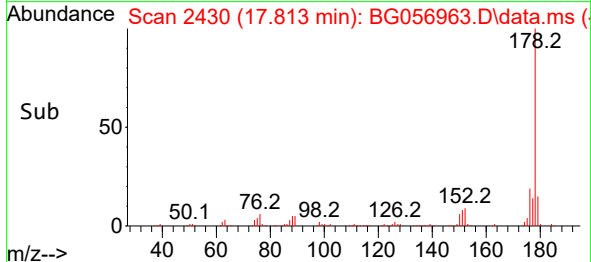
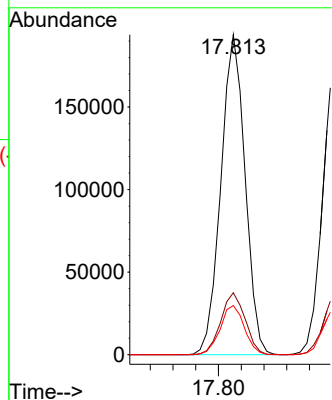
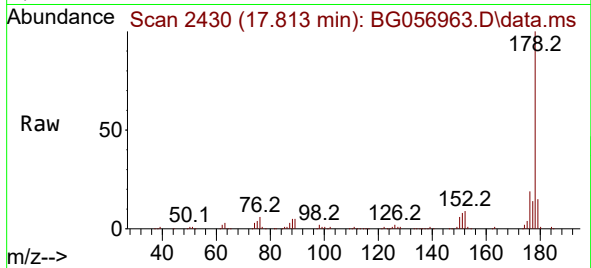




#71
Phenanthrene
Concen: 44.005 ng
RT: 17.813 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

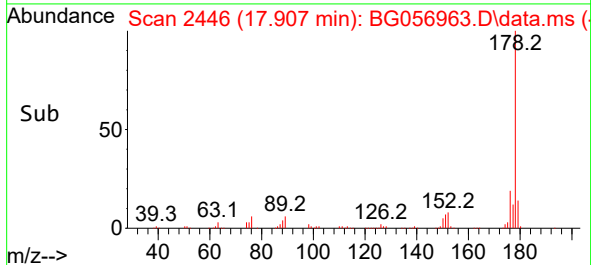
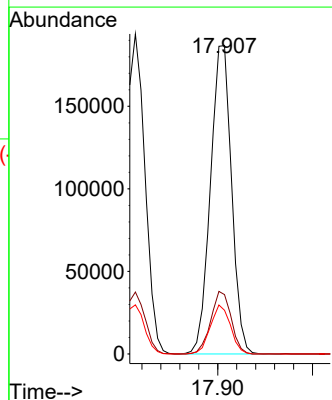
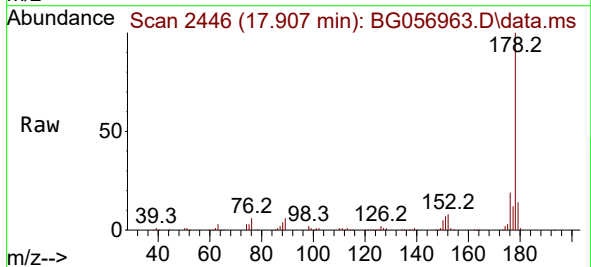
Instrument :
BNA_G
ClientSampleId :
PB151881BS

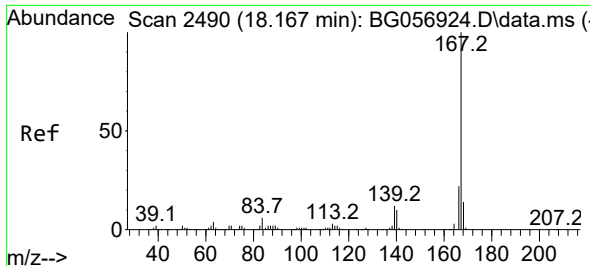
Tgt Ion:178 Resp: 286409
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.4 12.5 18.7



#72
Anthracene
Concen: 43.298 ng
RT: 17.907 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:178 Resp: 288887
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 14.2 12.4 18.6

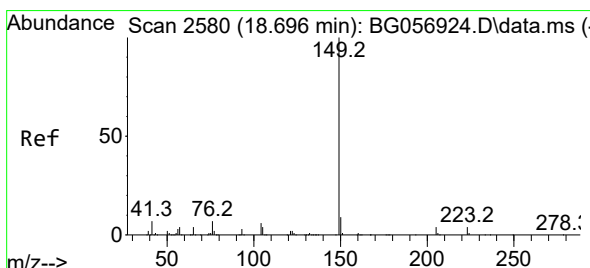
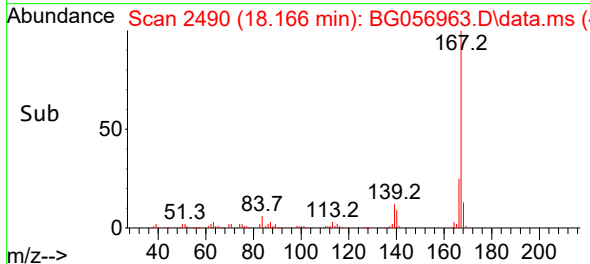
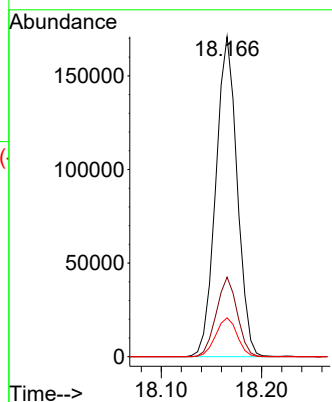
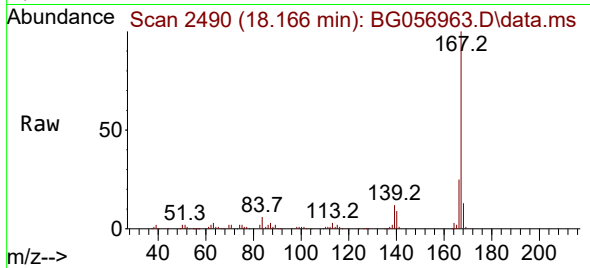




#73
 Carbazole
 Concen: 43.401 ng
 RT: 18.166 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

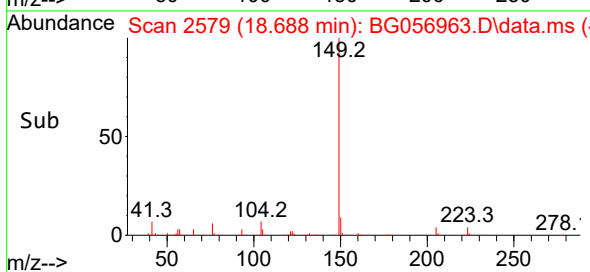
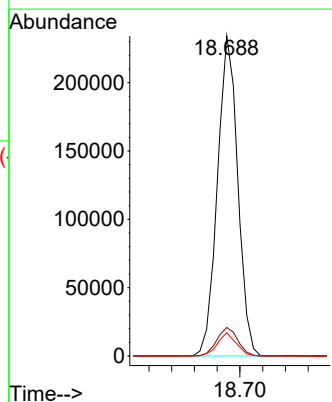
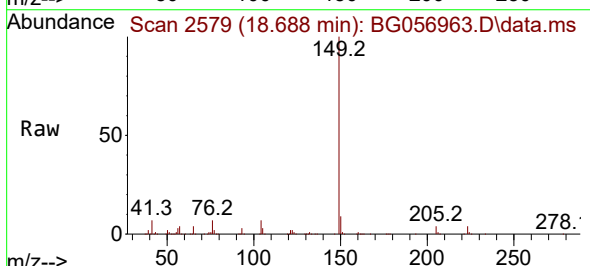
Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

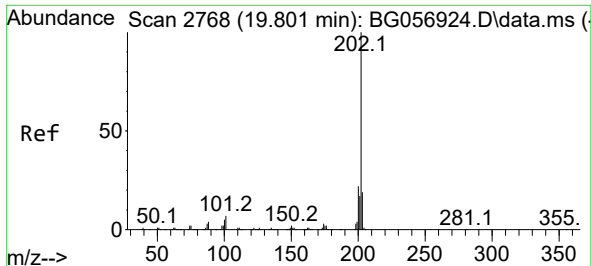
Tgt Ion:167 Resp: 252469
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.9 26.9
 139 12.1 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 43.188 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.008 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion:149 Resp: 290919
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 7.2 4.9 7.3

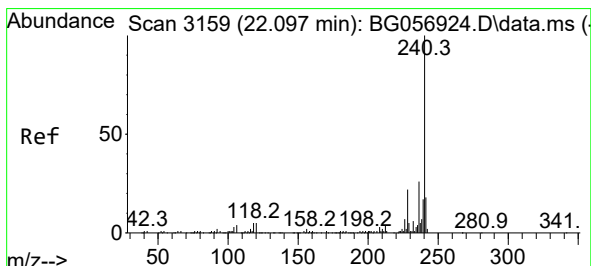
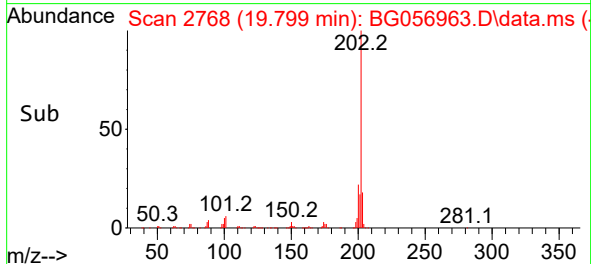
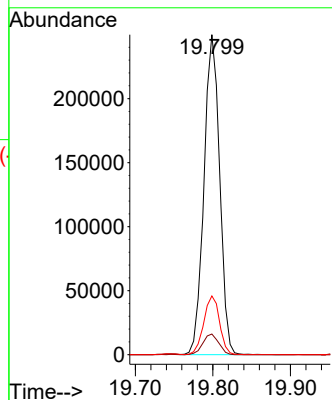
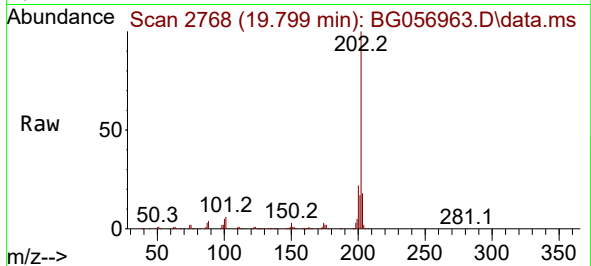




#75
 Fluoranthene
 Concen: 42.511 ng
 RT: 19.799 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

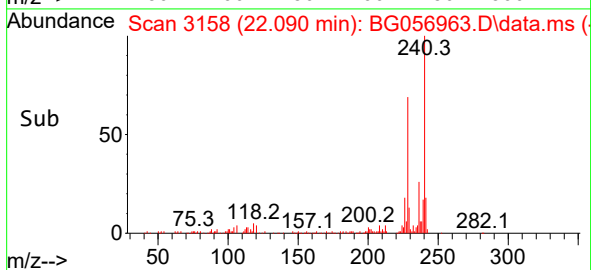
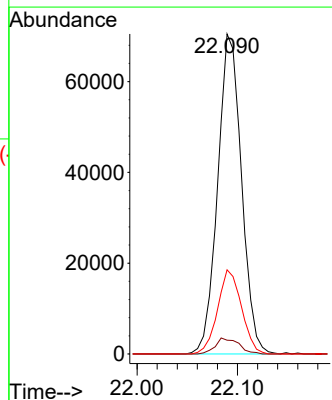
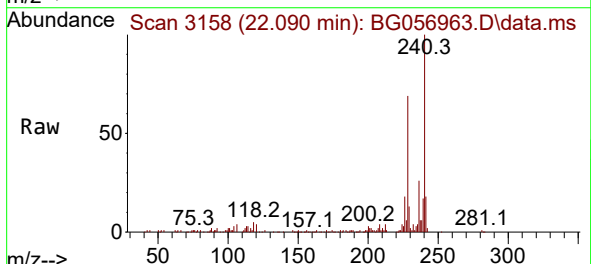
Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

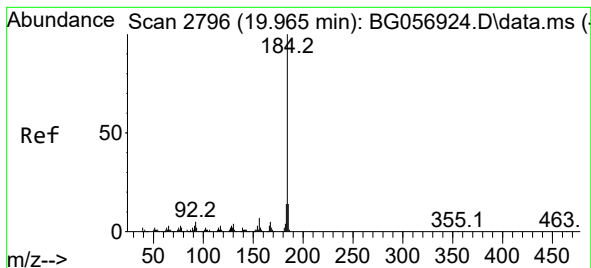
Tgt Ion:202 Resp: 350741
 Ion Ratio Lower Upper
 202 100
 101 6.5 0.0 26.7
 203 18.4 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.090 min Scan# 3158
 Delta R.T. -0.008 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion:240 Resp: 115938
 Ion Ratio Lower Upper
 240 100
 120 4.3 3.8 5.6
 236 26.3 21.0 31.6





#77

Benzidine

Concen: 53.142 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

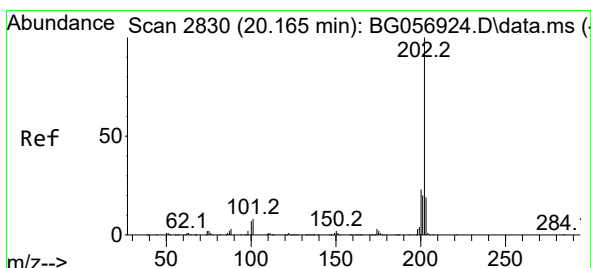
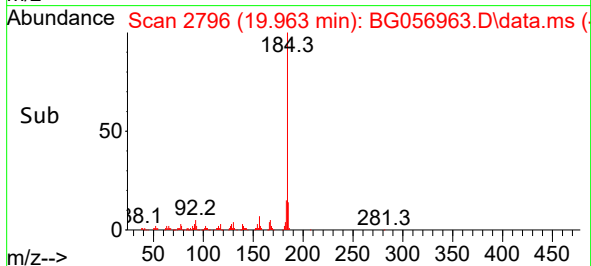
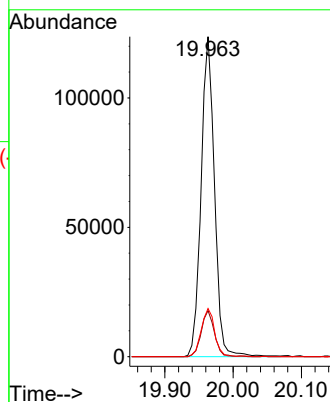
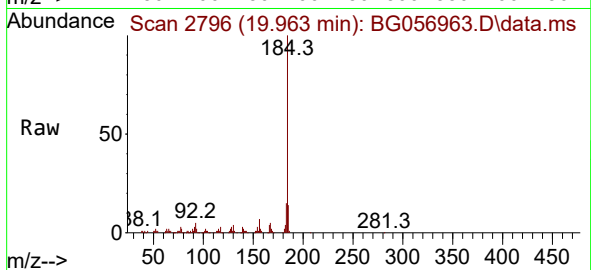
Tgt Ion:184 Resp: 168405

Ion Ratio Lower Upper

184 100

185 14.4 11.0 16.4

183 15.1 11.4 17.0



#78

Pyrene

Concen: 43.881 ng

RT: 20.157 min Scan# 2829

Delta R.T. -0.008 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

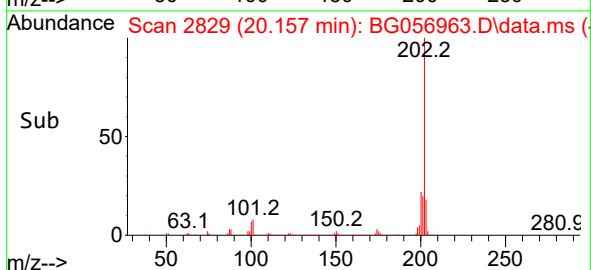
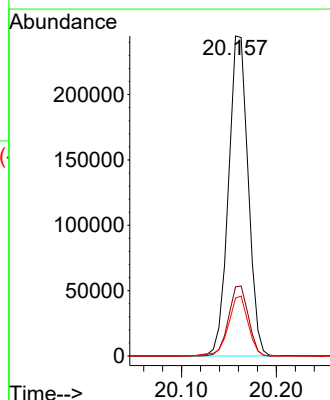
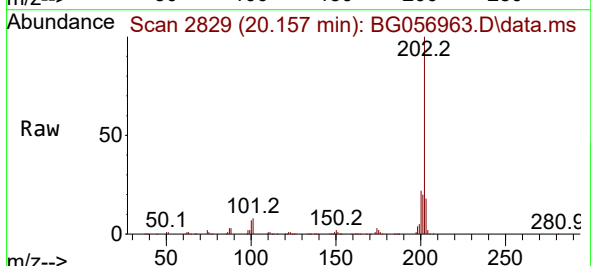
Tgt Ion:202 Resp: 351874

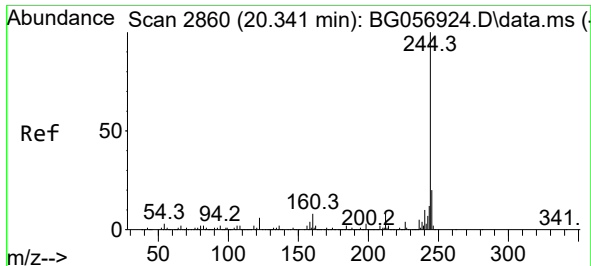
Ion Ratio Lower Upper

202 100

200 21.6 18.7 28.1

203 18.1 15.4 23.2

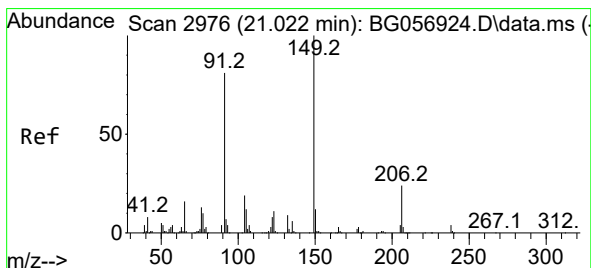
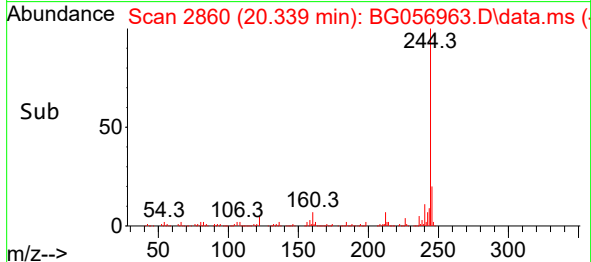
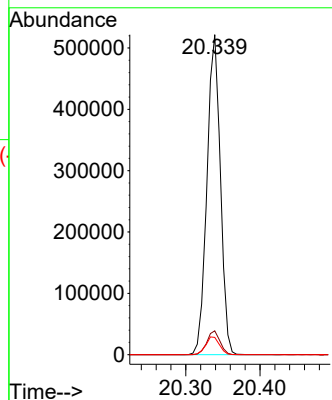
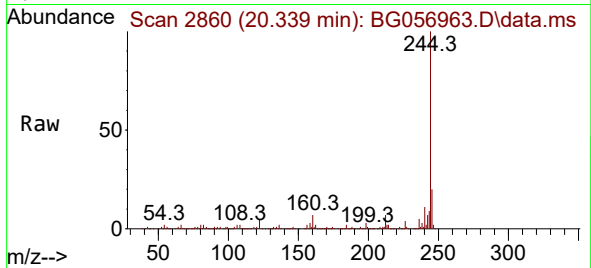




#79
 Terphenyl-d14
 Concen: 95.620 ng
 RT: 20.339 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

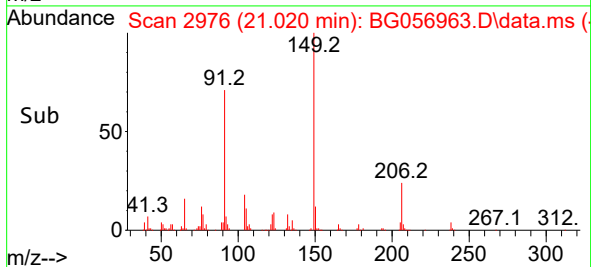
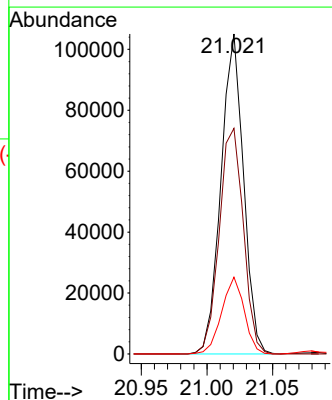
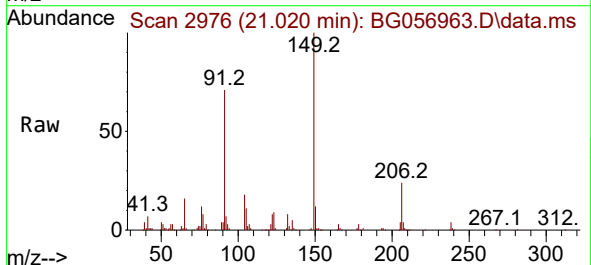
Instrument :
 BNA_G
 ClientSampleId :
 PB151881BS

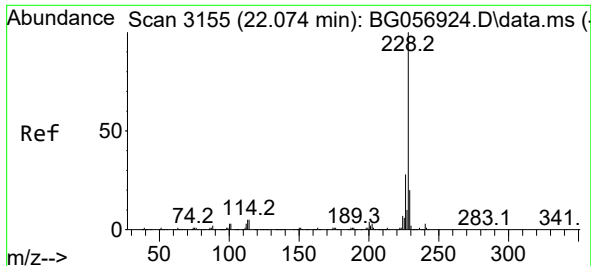
Tgt Ion:244 Resp: 655136
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.4 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 45.405 ng
 RT: 21.020 min Scan# 2976
 Delta R.T. -0.002 min
 Lab File: BG056963.D
 Acq: 4 Apr 2023 13:05

Tgt Ion:149 Resp: 125293
 Ion Ratio Lower Upper
 149 100
 91 70.5 64.4 96.6
 206 24.0 18.9 28.3

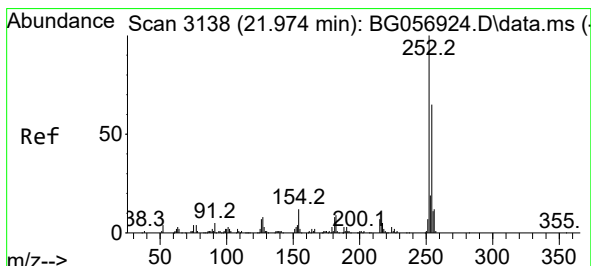
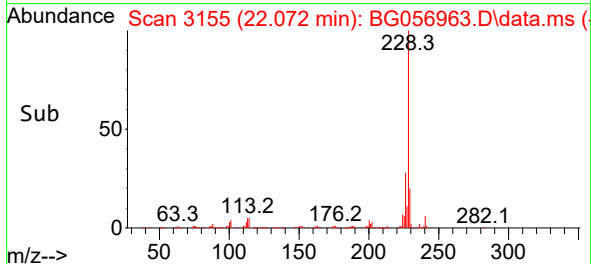
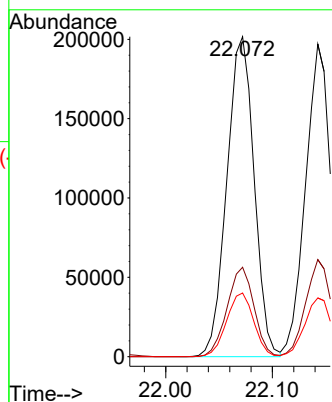
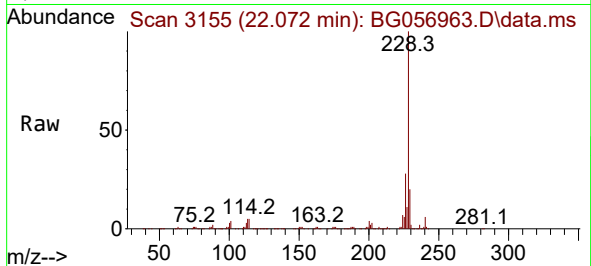




#81
Benzo(a)anthracene
Concen: 44.658 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

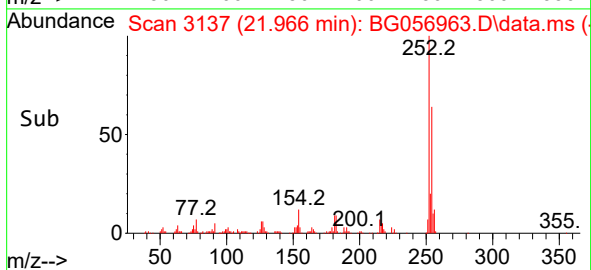
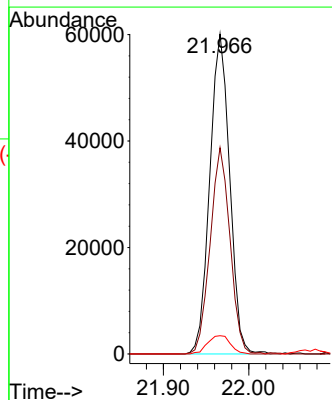
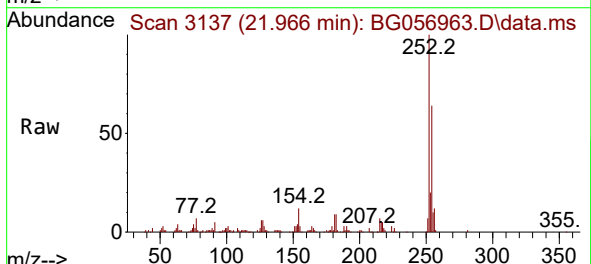
Instrument :
BNA_G
ClientSampleId :
PB151881BS

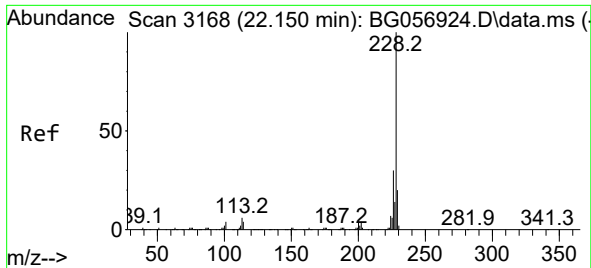
Tgt Ion:228 Resp: 358283
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.957 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:252 Resp: 97414
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 5.7 5.6 8.4

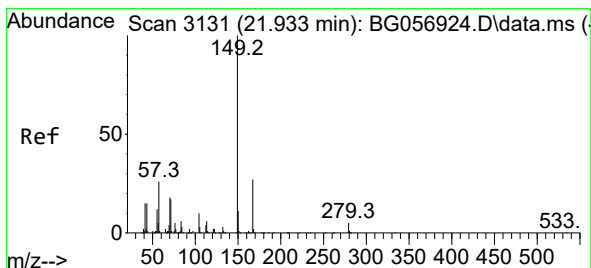
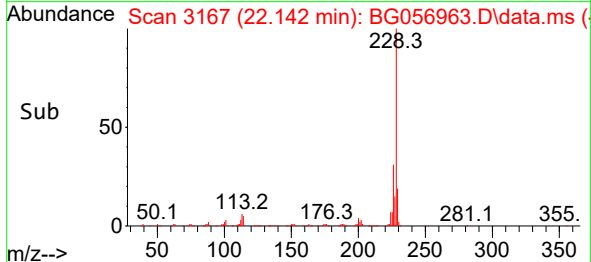
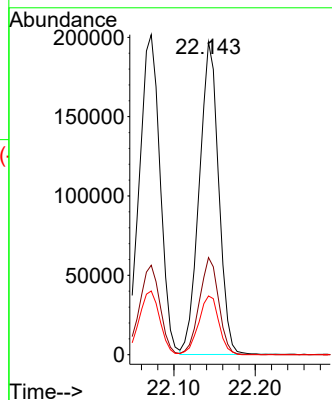
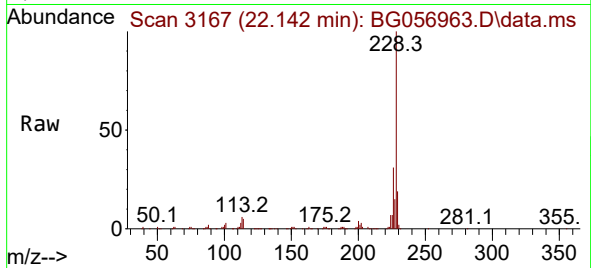




#83
Chrysene
Concen: 43.548 ng
RT: 22.142 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

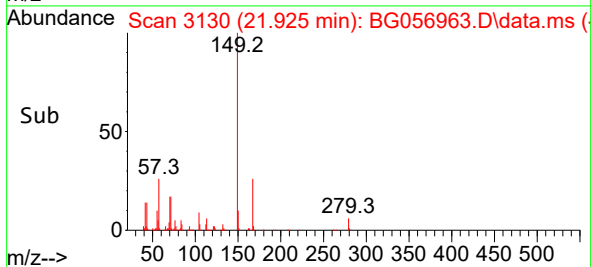
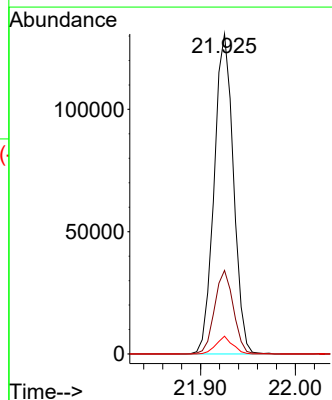
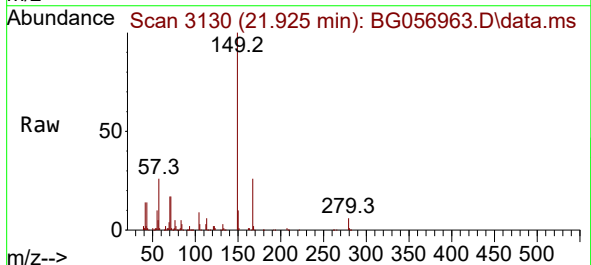
Instrument :
BNA_G
ClientSampleId :
PB151881BS

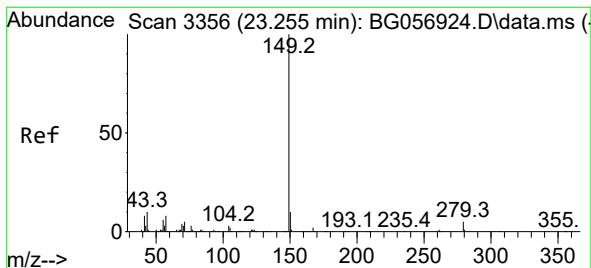
Tgt Ion:228 Resp: 327128
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 18.8 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.188 ng
RT: 21.925 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:149 Resp: 184555
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 5.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 45.741 ng

RT: 23.241 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

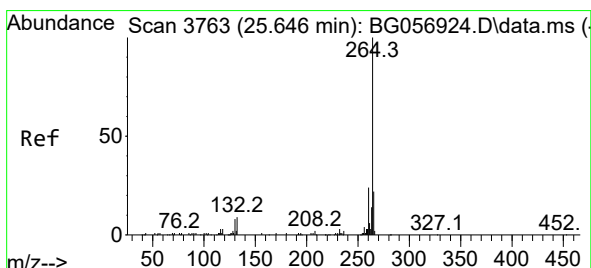
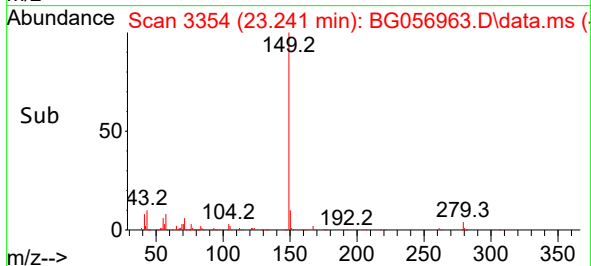
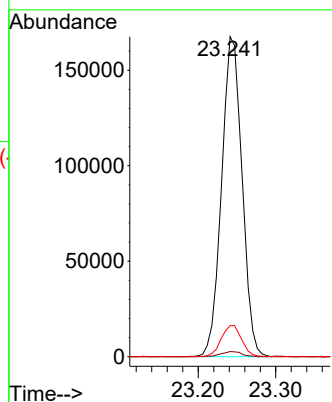
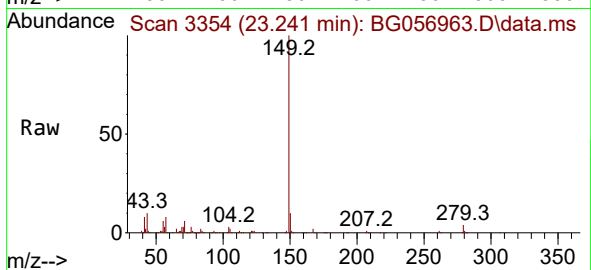
Tgt Ion:149 Resp: 307998

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.638 min Scan# 3762

Delta R.T. -0.008 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

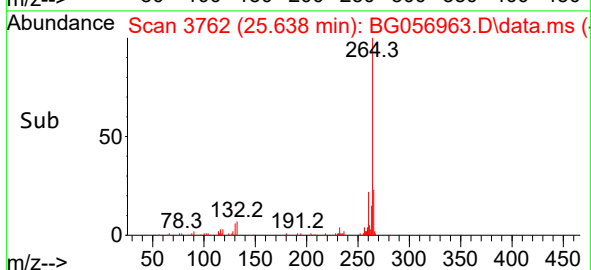
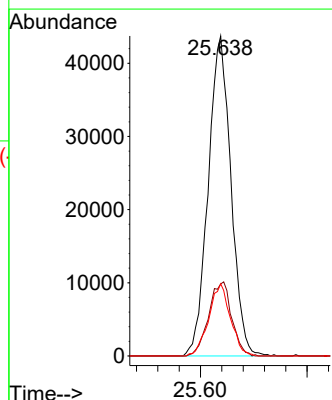
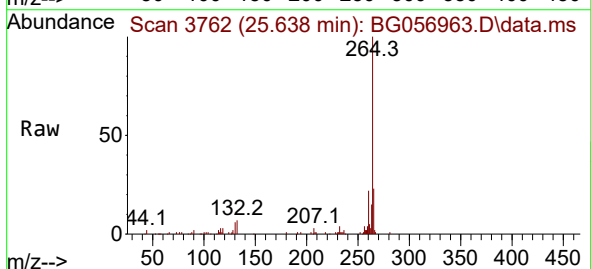
Tgt Ion:264 Resp: 129584

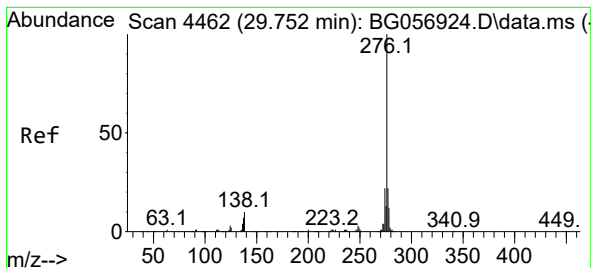
Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

265 22.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.823 ng

RT: 29.732 min Scan# 4462

Delta R.T. -0.020 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

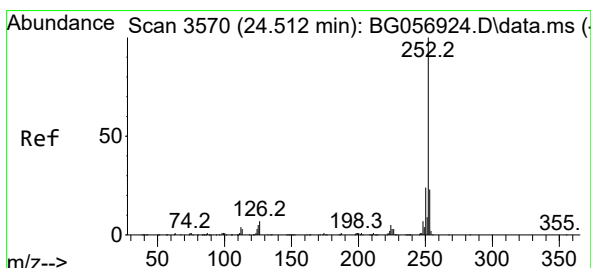
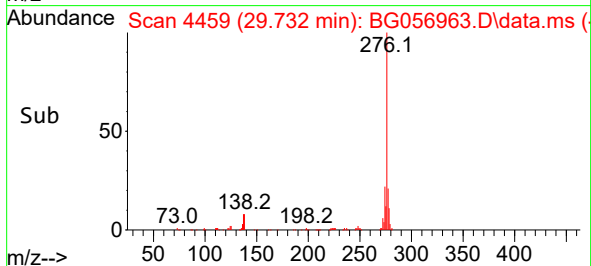
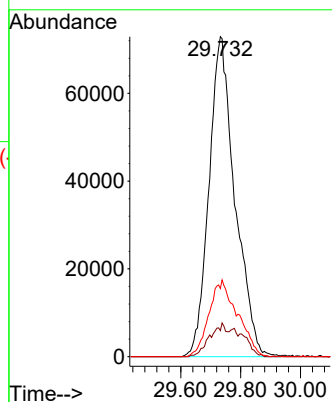
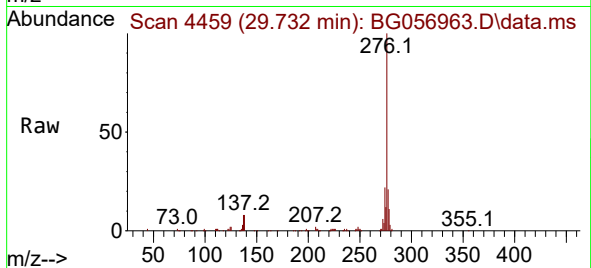
Tgt Ion:276 Resp: 438838

Ion Ratio Lower Upper

276 100

138 6.7 7.7 11.5#

277 26.3 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 47.155 ng

RT: 24.504 min Scan# 3569

Delta R.T. -0.008 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

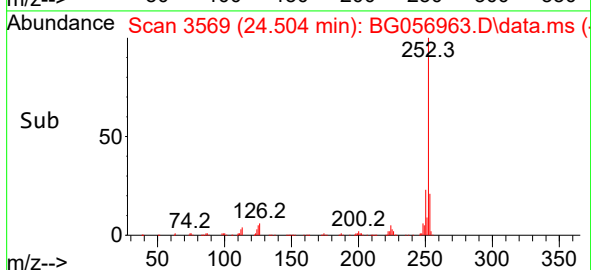
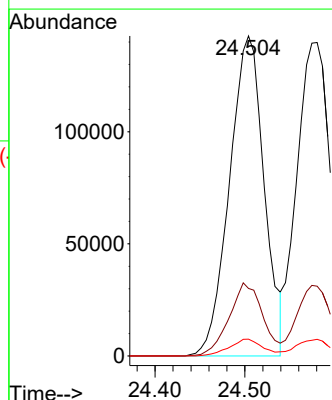
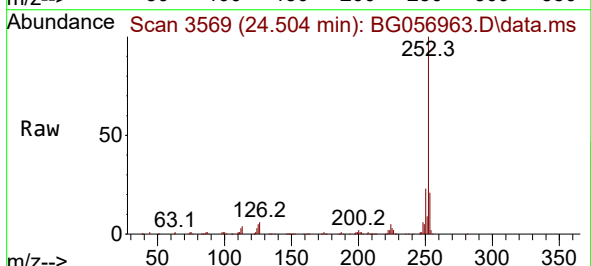
Tgt Ion:252 Resp: 382112

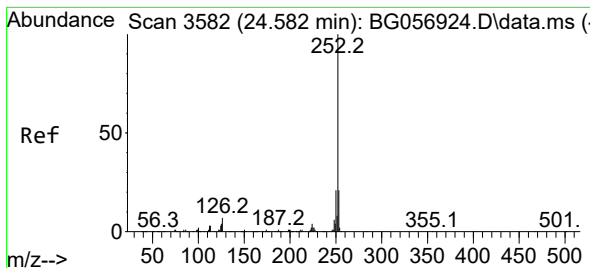
Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

125 5.3 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 45.379 ng

RT: 24.580 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB151881BS

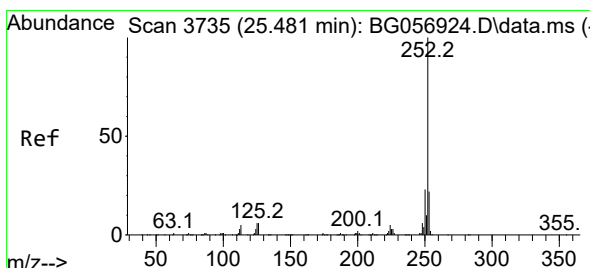
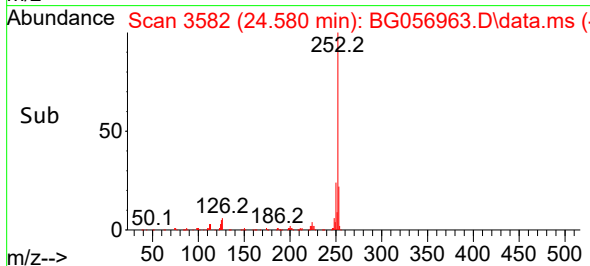
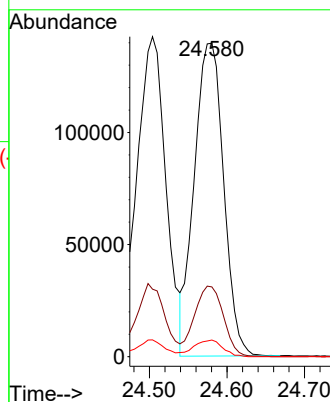
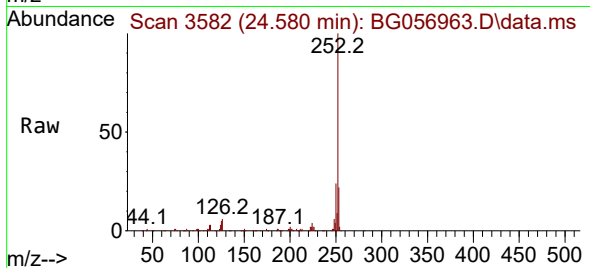
Tgt Ion:252 Resp: 367102

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 5.3 3.8 5.6



#90

Benzo(a)pyrene

Concen: 42.036 ng

RT: 25.473 min Scan# 3734

Delta R.T. -0.008 min

Lab File: BG056963.D

Acq: 4 Apr 2023 13:05

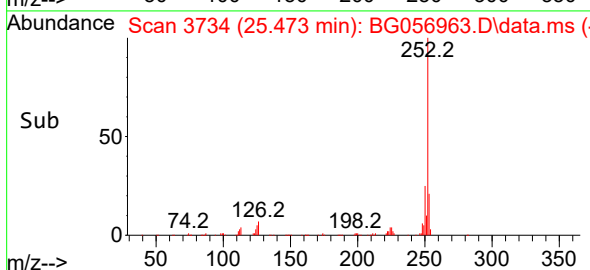
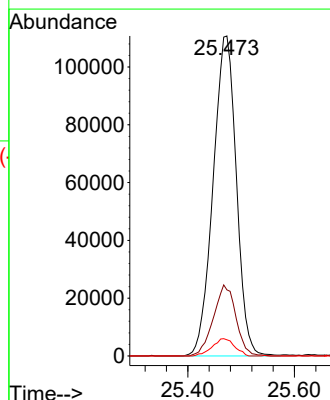
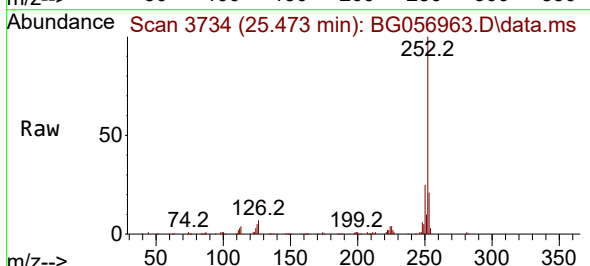
Tgt Ion:252 Resp: 334727

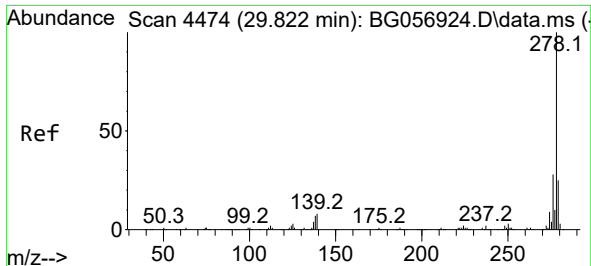
Ion Ratio Lower Upper

252 100

253 20.7 17.6 26.4

125 5.0 4.5 6.7

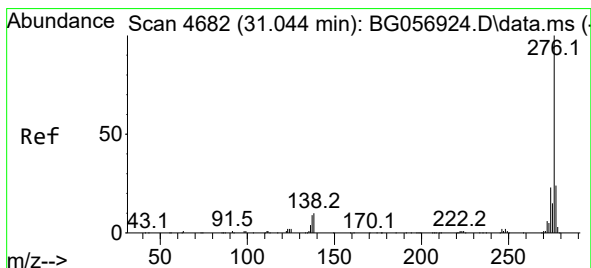
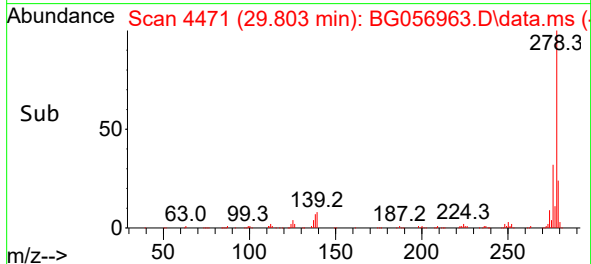
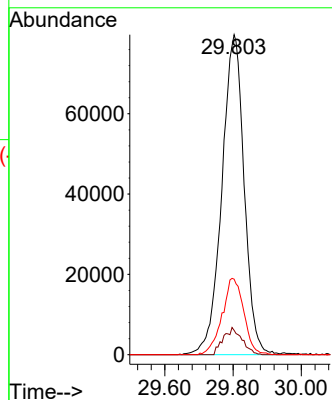
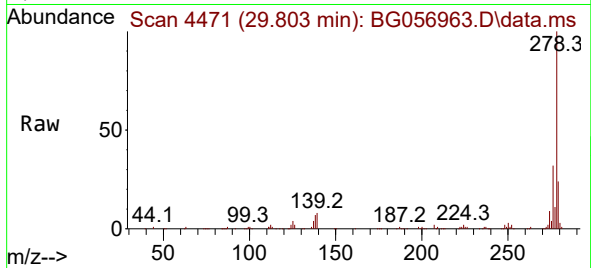




#91
Dibenzo(a,h)anthracene
Concen: 45.897 ng
RT: 29.803 min Scan# 4471
Delta R.T. -0.020 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Instrument :
BNA_G
ClientSampleId :
PB151881BS

Tgt Ion:278 Resp: 361300
Ion Ratio Lower Upper
278 100
139 7.6 6.4 9.6
279 23.6 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 45.454 ng
RT: 31.025 min Scan# 4679
Delta R.T. -0.020 min
Lab File: BG056963.D
Acq: 4 Apr 2023 13:05

Tgt Ion:276 Resp: 350367
Ion Ratio Lower Upper
276 100
277 22.3 19.1 28.7
138 10.0 8.2 12.2

