

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056988.D
 Acq On : 5 Apr 2023 12:46
 Operator : CG/JU
 Sample : PB151887BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151887BS

Quant Time: Apr 06 05:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	13042	20.000	ng	0.00
21) Naphthalene-d8	11.260	136	57757	20.000	ng	0.00
39) Acenaphthene-d10	15.031	164	48184	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	118569	20.000	ng	0.00
76) Chrysene-d12	22.092	240	97629	20.000	ng	0.00
86) Perylene-d12	25.640	264	105668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.926	112	98028	120.295	ng	0.00
7) Phenol-d6	7.547	99	147133	120.722	ng	0.00
23) Nitrobenzene-d5	9.597	82	91787	65.026	ng	0.00
42) 2,4,6-Tribromophenol	16.512	330	82326	106.951	ng	0.00
45) 2-Fluorobiphenyl	13.657	172	230487	64.864	ng	0.00
79) Terphenyl-d14	20.336	244	420384	72.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.723	88	11897	33.304	ng	# 95
3) Pyridine	4.146	79	32296	28.070	ng	98
4) n-Nitrosodimethylamine	4.052	42	20201	38.188	ng	# 99
6) Aniline	7.729	93	54391	34.909	ng	98
8) 2-Chlorophenol	7.976	128	41391	50.994	ng	93
9) Benzaldehyde	7.535	77	30303	39.640	ng	96
10) Phenol	7.577	94	62095	51.418	ng	98
11) bis(2-Chloroethyl)ether	7.817	93	37289	43.347	ng	95
12) 1,3-Dichlorobenzene	8.305	146	40674	45.351	ng	98
13) 1,4-Dichlorobenzene	8.452	146	42652	47.120	ng	94
14) 1,2-Dichlorobenzene	8.781	146	40140	45.899	ng	95
15) Benzyl Alcohol	8.646	79	47830	47.230	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.934	45	45286	43.681	ng	95
17) 2-Methylphenol	8.851	107	41702	48.401	ng	92
18) Hexachloroethane	9.521	117	14447	43.667	ng	89
19) n-Nitroso-di-n-propyla...	9.221	70	38410	44.060	ng	96
20) 3+4-Methylphenols	9.180	107	54906	45.573	ng	93
22) Acetophenone	9.245	105	70835	41.216	ng	# 96
24) Nitrobenzene	9.639	77	57603	39.915	ng	93
25) Isophorone	10.161	82	100354	37.335	ng	97
26) 2-Nitrophenol	10.355	139	25090	45.042	ng	97
27) 2,4-Dimethylphenol	10.396	122	45205	45.963	ng	95
28) bis(2-Chloroethoxy)met...	10.637	93	53823	39.997	ng	98
29) 2,4-Dichlorophenol	10.896	162	47290	44.710	ng	100
30) 1,2,4-Trichlorobenzene	11.119	180	49068	43.661	ng	92
31) Naphthalene	11.313	128	129138	41.020	ng	97
32) Benzoic acid	10.526	122	29758	44.048	ng	94
33) 4-Chloroaniline	11.407	127	37003	26.025	ng	97
34) Hexachlorobutadiene	11.589	225	34247	40.567	ng	96
35) Caprolactam	12.170	113	11037	30.258	ng	97
36) 4-Chloro-3-methylphenol	12.499	107	51976	43.941	ng	98
37) 2-Methylnaphthalene	12.887	142	99280	39.735	ng	98
38) 1-Methylnaphthalene	13.104	142	91113	38.835	ng	99
40) 1,2,4,5-Tetrachloroben...	13.245	216	68627	41.072	ng	98
41) Hexachlorocyclopentadiene	13.222	237	96727	105.068	ng	95
43) 2,4,6-Trichlorophenol	13.475	196	46127	43.261	ng	92

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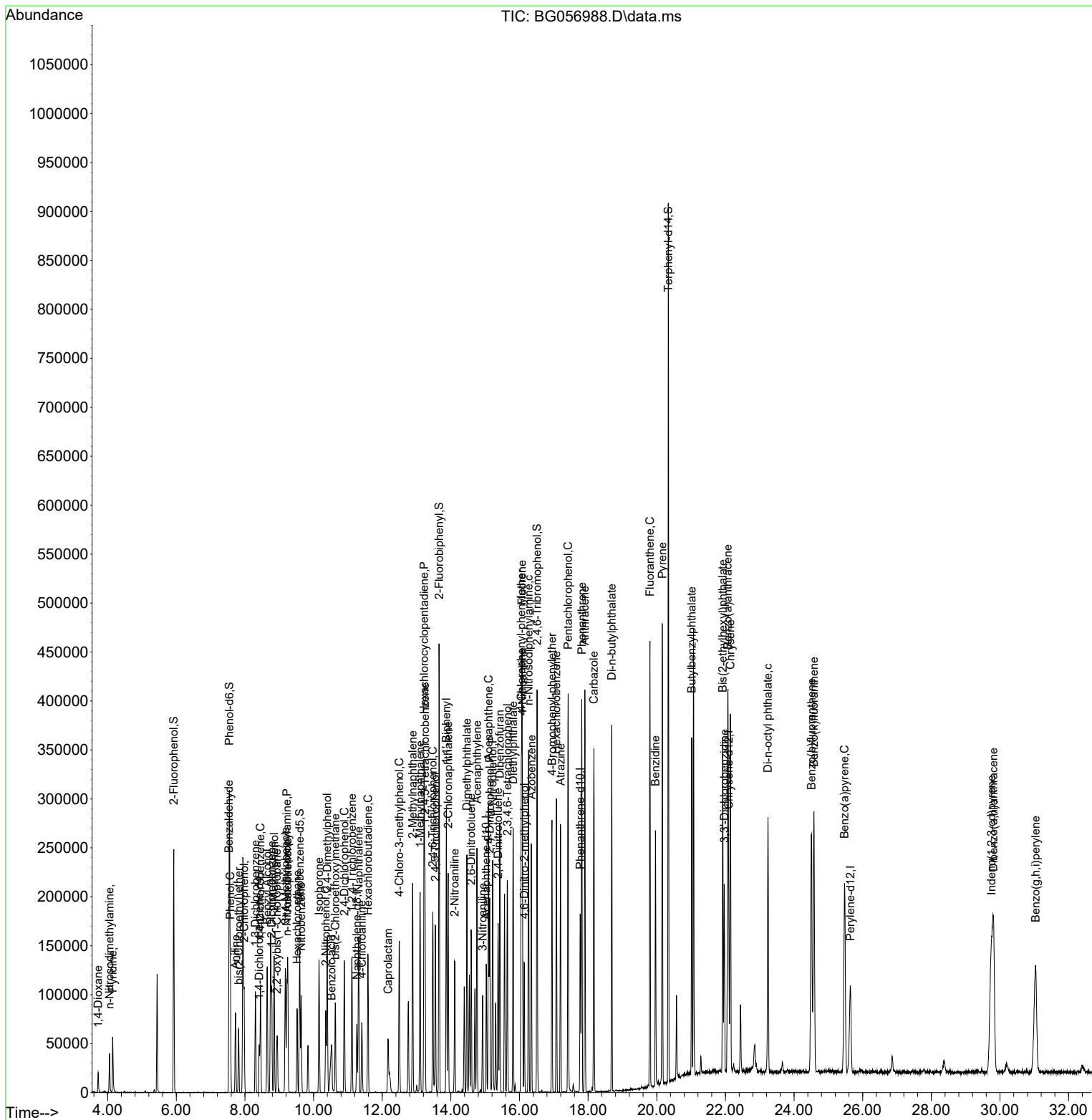
Quant Time: Apr 06 05:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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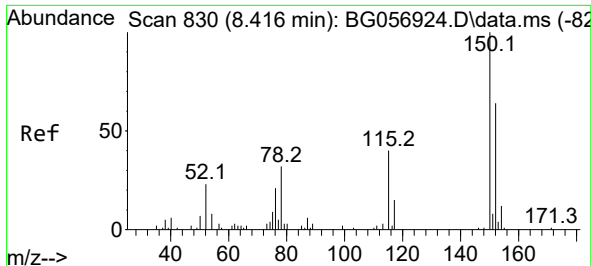
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.551	196	50197	39.740	ng	98
46) 1,1'-Biphenyl	13.868	154	148040	41.971	ng	95
47) 2-Chloronaphthalene	13.921	162	110131	42.217	ng	98
48) 2-Nitroaniline	14.109	65	39528	42.376	ng	99
49) Acenaphthylene	14.761	152	177451	41.401	ng	99
50) Dimethylphthalate	14.467	163	154059	40.579	ng	99
51) 2,6-Dinitrotoluene	14.591	165	34339	41.862	ng	97
52) Acenaphthene	15.096	154	113428	38.371	ng	94
53) 3-Nitroaniline	14.925	138	21599	26.602	ng	98
54) 2,4-Dinitrophenol	15.131	184	47025	101.850	ng #	90
55) Dibenzofuran	15.425	168	182582	41.152	ng	98
56) 4-Nitrophenol	15.219	139	54131	90.159	ng	92
57) 2,4-Dinitrotoluene	15.378	165	49124	42.461	ng #	97
58) Fluorene	16.071	166	153486	41.807	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.648	232	50484	43.896	ng #	98
60) Diethylphthalate	15.818	149	156600	41.145	ng	99
61) 4-Chlorophenyl-phenyle...	16.053	204	88866	41.227	ng	97
62) 4-Nitroaniline	16.083	138	35936	42.719	ng	91
63) Azobenzene	16.347	77	152358	40.168	ng	99
65) 4,6-Dinitro-2-methylph...	16.141	198	33424	46.545	ng	95
66) n-Nitrosodiphenylamine	16.265	169	132869	41.745	ng	99
67) 4-Bromophenyl-phenylether	16.946	248	61207	41.720	ng	93
68) Hexachlorobenzene	17.076	284	65599	45.227	ng	99
69) Atrazine	17.199	200	58431	44.225	ng	95
70) Pentachlorophenol	17.416	266	79084	76.001	ng	95
71) Phenanthrene	17.816	178	254125	42.038	ng	100
72) Anthracene	17.904	178	258582	41.726	ng	99
73) Carbazole	18.168	167	227986	42.195	ng	97
74) Di-n-butylphthalate	18.691	149	265202	42.387	ng	99
75) Fluoranthene	19.801	202	298021	38.890	ng	98
77) Benzidine	19.960	184	152580	57.178	ng	100
78) Pyrene	20.160	202	297417	44.045	ng	98
80) Butylbenzylphthalate	21.017	149	100564	43.278	ng	96
81) Benzo(a)anthracene	22.069	228	276397	40.912	ng	97
82) 3,3'-Dichlorobenzidine	21.969	252	76449	33.511	ng	97
83) Chrysene	22.145	228	256105	40.487	ng	98
84) Bis(2-ethylhexyl)phtha...	21.922	149	140072	41.629	ng	96
85) Di-n-octyl phthalate	23.238	149	235943	41.611	ng	99
87) Indeno(1,2,3-cd)pyrene	29.752	276	323445	41.418	ng	97
88) Benzo(b)fluoranthene	24.507	252	284174	43.006	ng	99
89) Benzo(k)fluoranthene	24.577	252	274263	41.576	ng	99
90) Benzo(a)pyrene	25.470	252	247917	38.181	ng	99
91) Dibenzo(a,h)anthracene	29.811	278	274621	42.781	ng	97
92) Benzo(g,h,i)perylene	31.039	276	259982	41.362	ng	98

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

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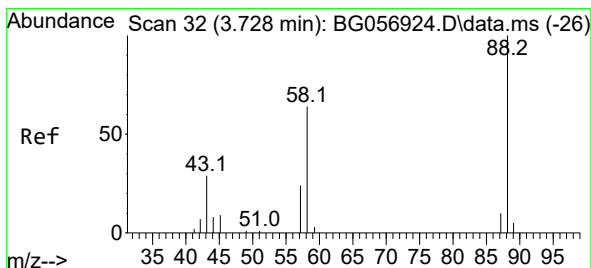
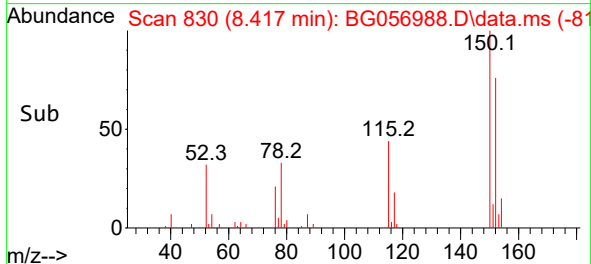
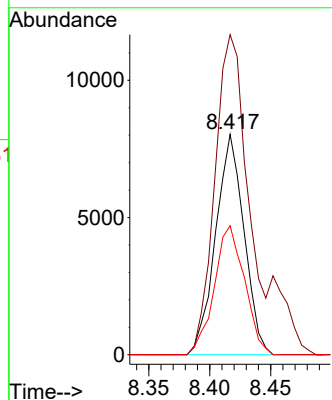
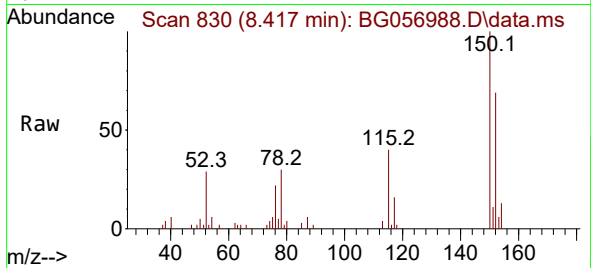




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.417 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

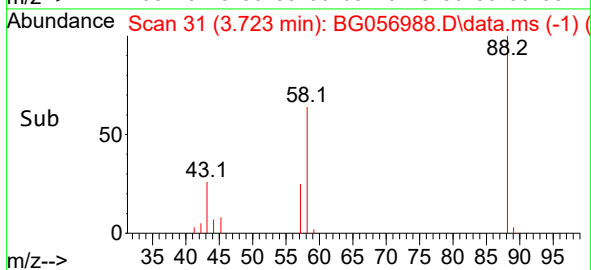
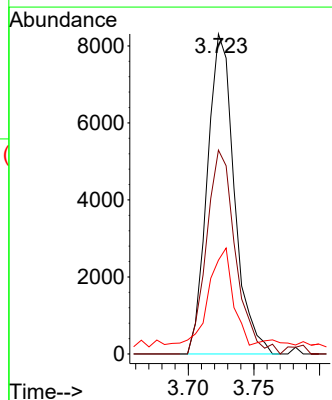
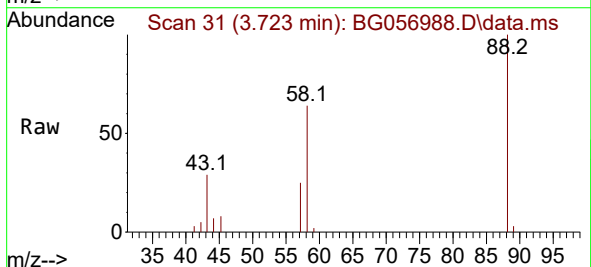
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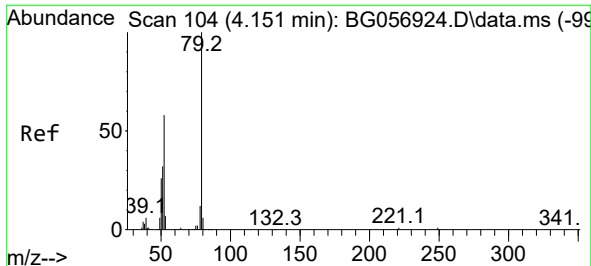
Tgt Ion:152 Resp: 13042
Ion Ratio Lower Upper
152 100
150 145.2 124.1 186.1
115 58.5 49.1 73.7



#2
1,4-Dioxane
Concen: 33.304 ng
RT: 3.723 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 88 Resp: 11897
Ion Ratio Lower Upper
88 100
58 68.1 55.9 83.9
43 25.5 25.7 38.5#

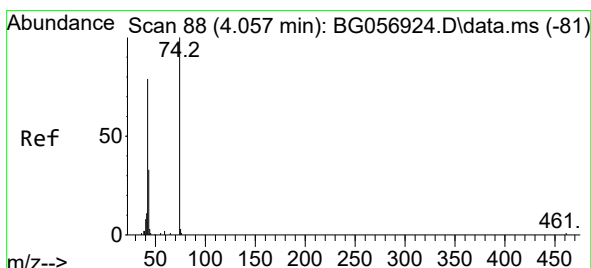
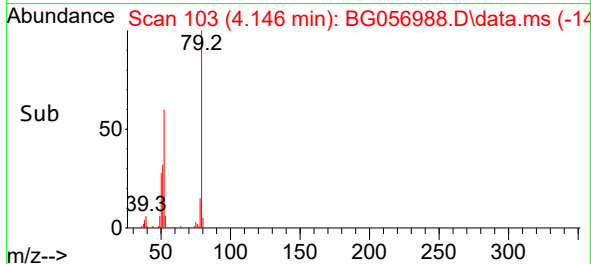
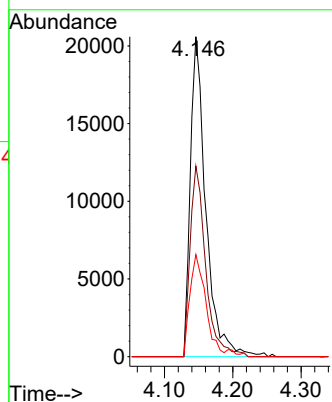
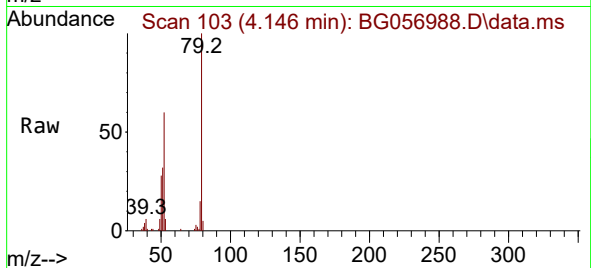




#3
Pyridine
Concen: 28.070 ng
RT: 4.146 min Scan# 104
Delta R.T. -0.009 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

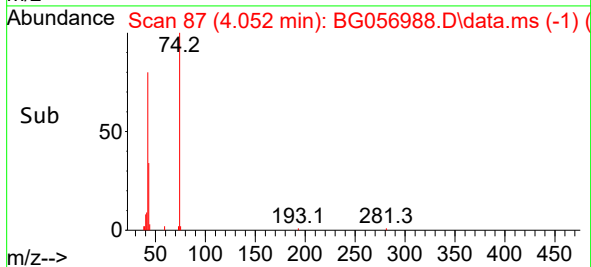
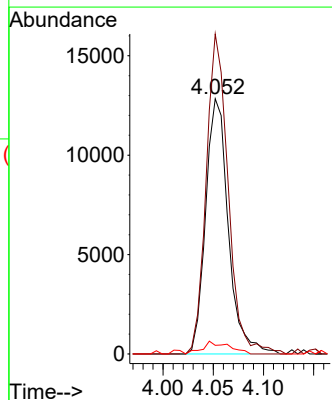
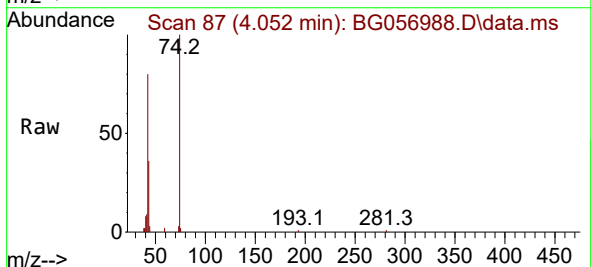
Instrument :
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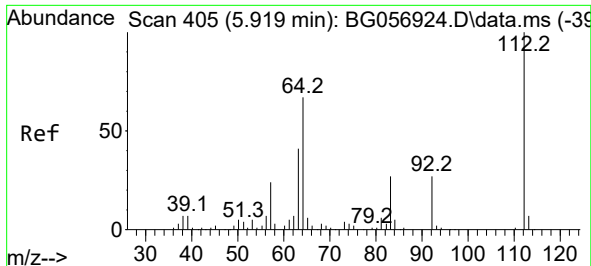
Tgt Ion: 79 Resp: 32296
Ion Ratio Lower Upper
79 100
52 59.6 46.1 69.1
51 31.9 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 38.188 ng
RT: 4.052 min Scan# 87
Delta R.T. -0.009 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 42 Resp: 20201
Ion Ratio Lower Upper
42 100
74 125.4 100.6 151.0
44 3.4 4.6 7.0

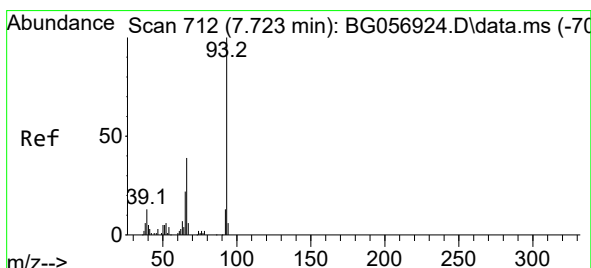
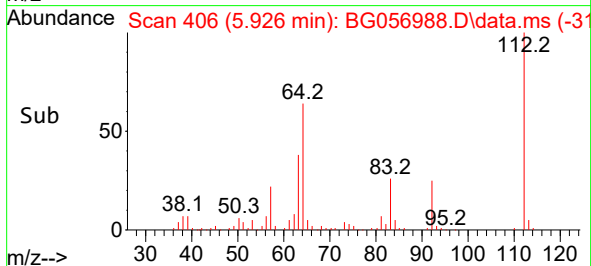
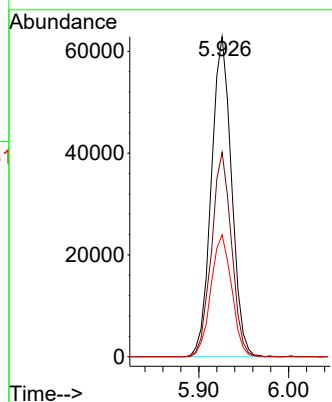
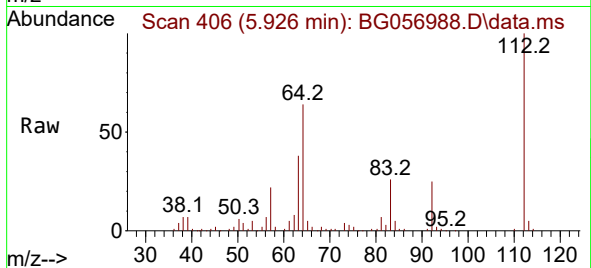




#5
2-Fluorophenol
Concen: 120.295 ng
RT: 5.926 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

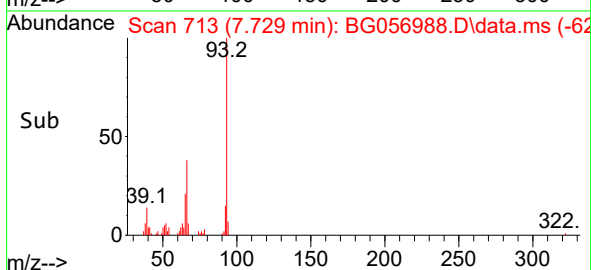
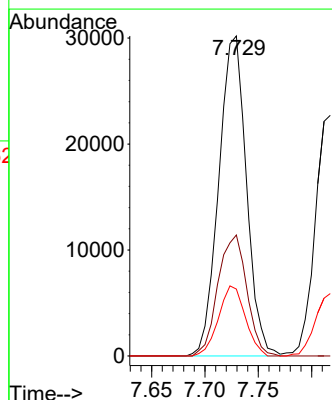
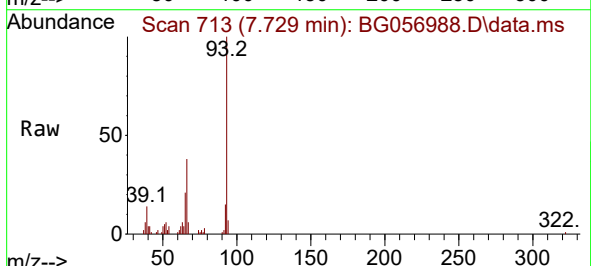
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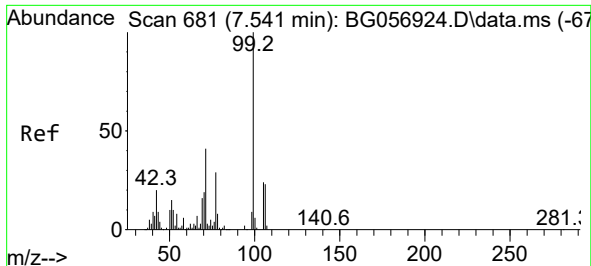
Tgt Ion:112 Resp: 98028
Ion Ratio Lower Upper
112 100
64 63.8 53.2 79.8
63 38.0 32.6 48.8



#6
Aniline
Concen: 34.909 ng
RT: 7.729 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 93 Resp: 54391
Ion Ratio Lower Upper
93 100
66 37.8 31.4 47.0
65 20.9 17.3 25.9

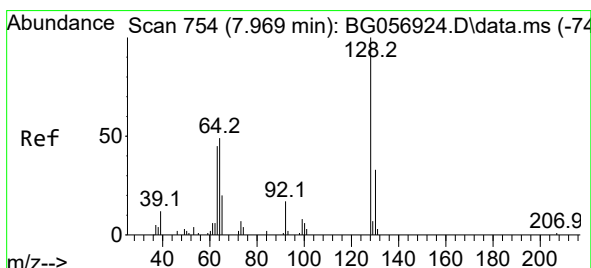
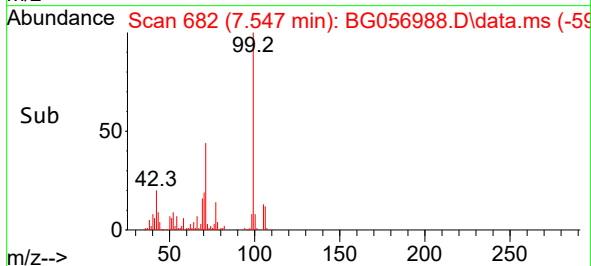
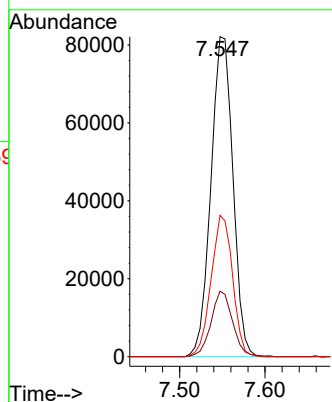
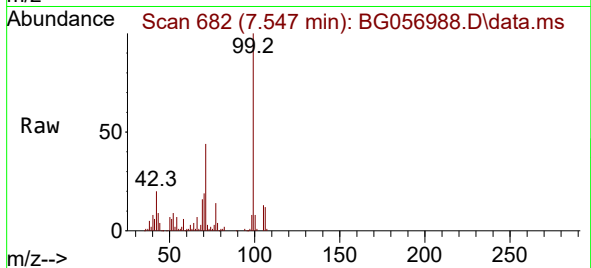




#7
Phenol-d6
Concen: 120.722 ng
RT: 7.547 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

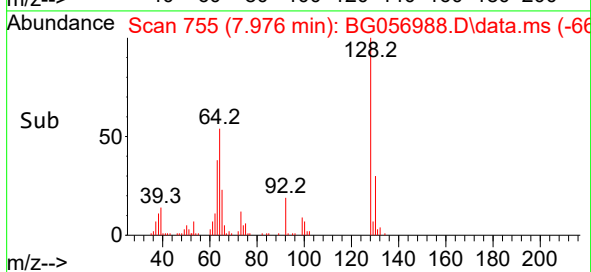
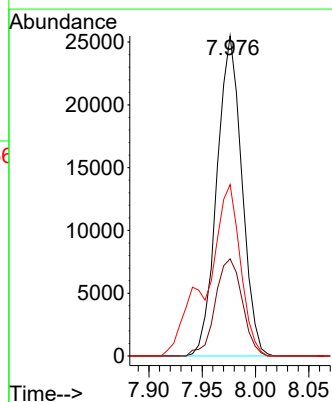
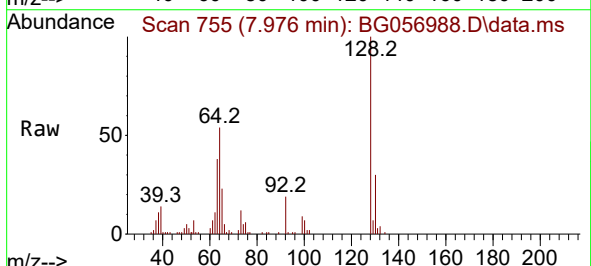
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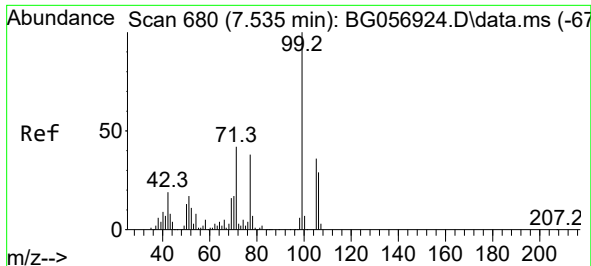
Tgt Ion: 99 Resp: 147133
Ion Ratio Lower Upper
99 100
42 20.5 15.7 23.5
71 44.2 32.5 48.7



#8
2-Chlorophenol
Concen: 50.994 ng
RT: 7.976 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 128 Resp: 41391
Ion Ratio Lower Upper
128 100
130 30.3 12.6 52.6
64 53.5 40.6 80.6

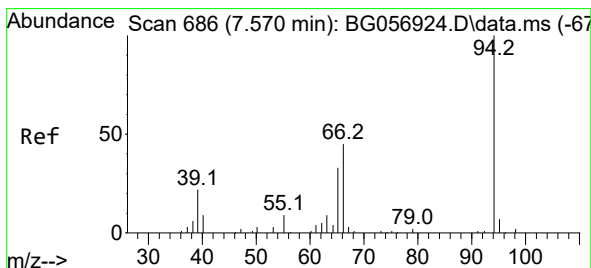
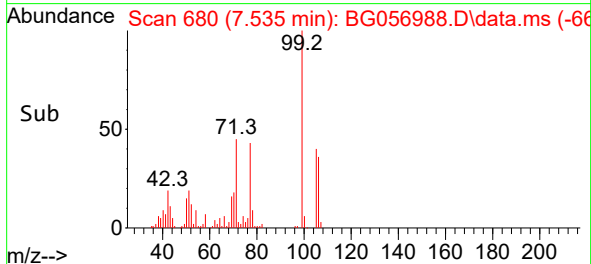
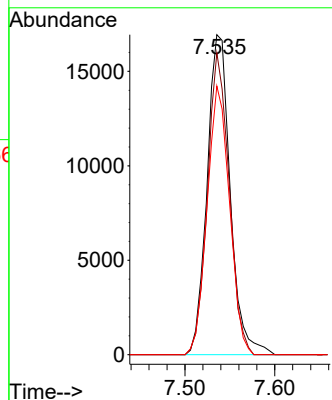
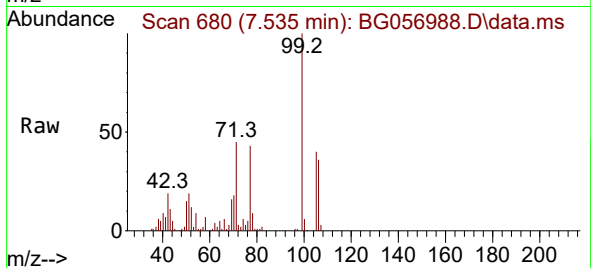




#9
Benzaldehyde
Concen: 39.640 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG056988.D
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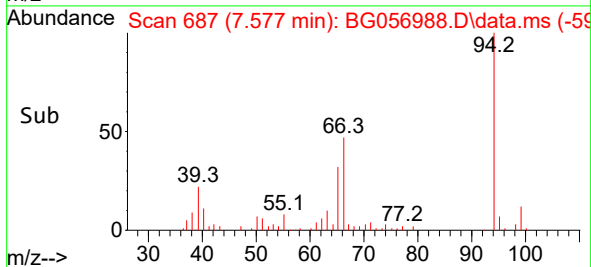
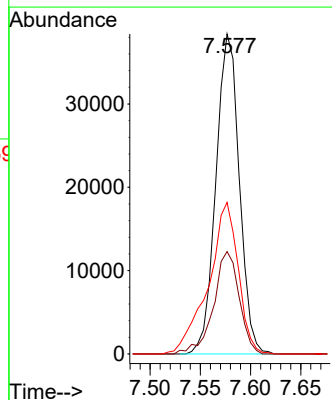
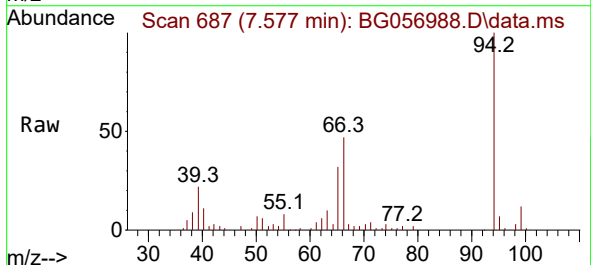
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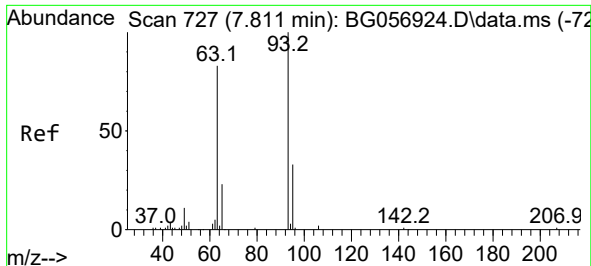
Tgt Ion: 77 Resp: 30303
Ion Ratio Lower Upper
77 100
105 94.3 73.6 113.6
106 84.0 56.7 96.7



#10
Phenol
Concen: 51.418 ng
RT: 7.577 min Scan# 687
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 94 Resp: 62095
Ion Ratio Lower Upper
94 100
65 32.0 13.3 53.3
66 47.4 26.7 66.7

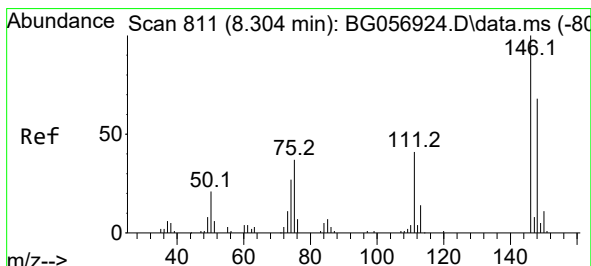
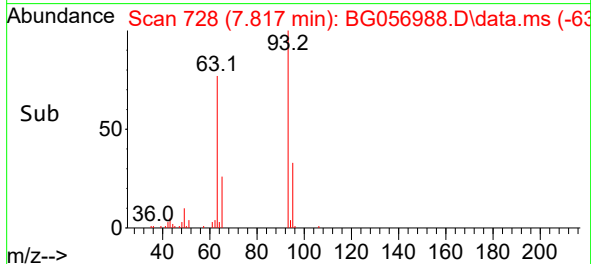
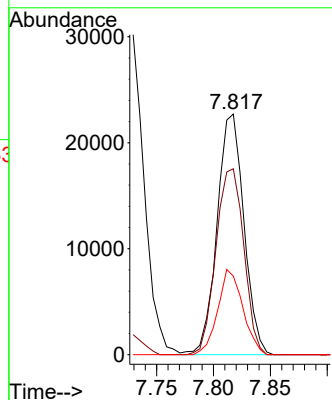
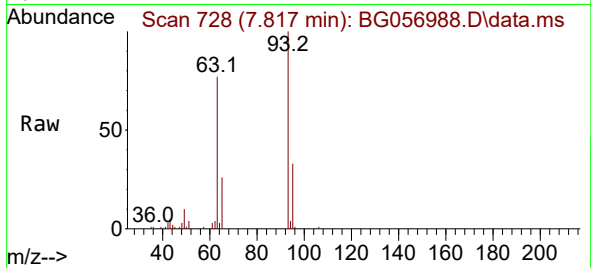




#11
bis(2-Chloroethyl)ether
Concen: 43.347 ng
RT: 7.817 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

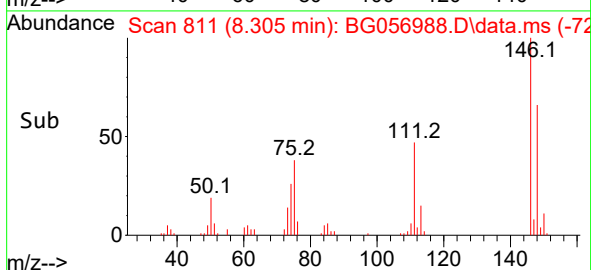
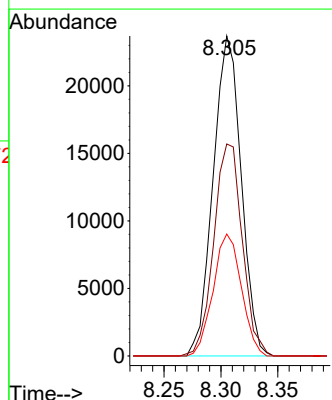
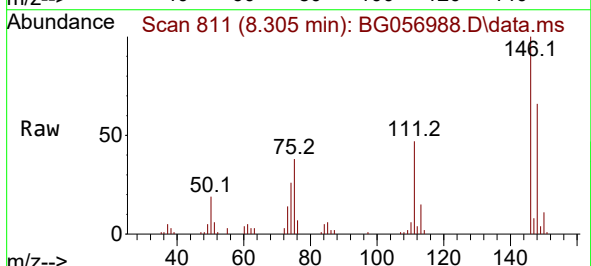
Instrument :
BNA_G
ClientSampleId :
PB151887BS

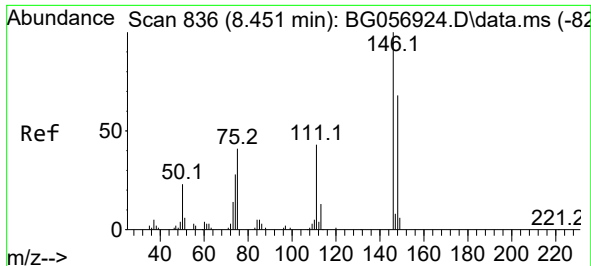
Tgt Ion: 93 Resp: 37289
Ion Ratio Lower Upper
93 100
63 77.2 62.7 102.7
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.351 ng
RT: 8.305 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 146 Resp: 40674
Ion Ratio Lower Upper
146 100
148 66.3 54.2 81.4
75 38.1 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 47.120 ng

RT: 8.452 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

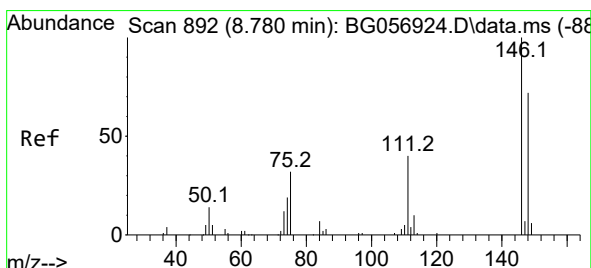
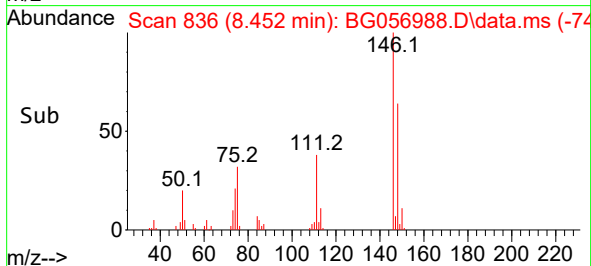
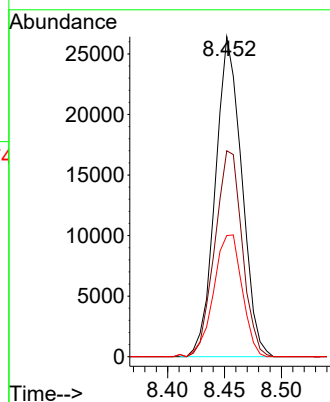
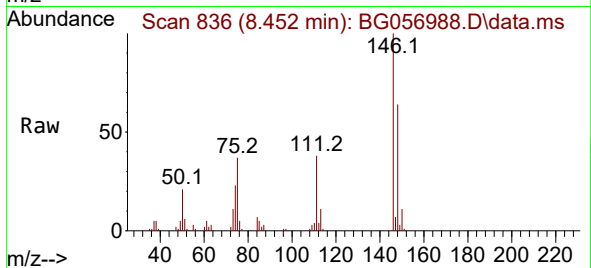
Tgt Ion:146 Resp: 42652

Ion Ratio Lower Upper

146 100

148 64.4 54.8 82.2

111 37.9 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 45.899 ng

RT: 8.781 min Scan# 892

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

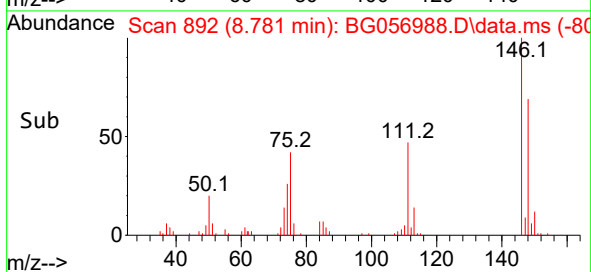
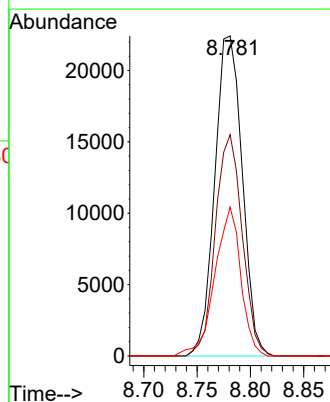
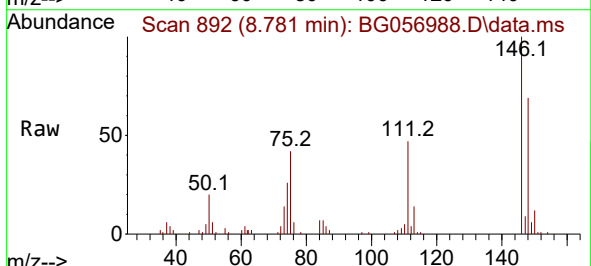
Tgt Ion:146 Resp: 40140

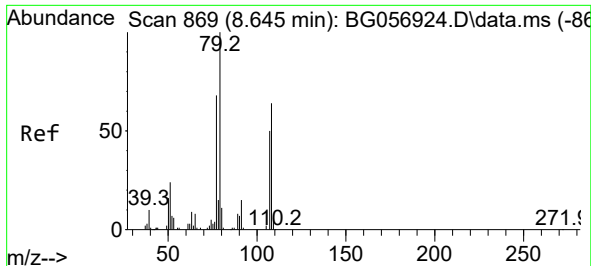
Ion Ratio Lower Upper

146 100

148 69.2 57.4 86.0

111 46.5 33.2 49.8

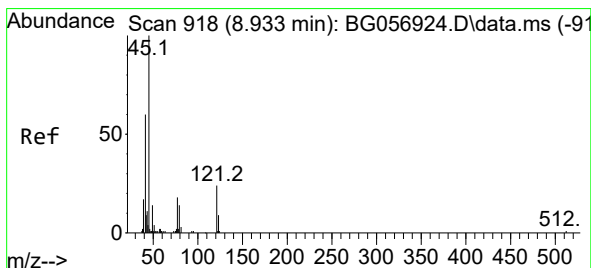
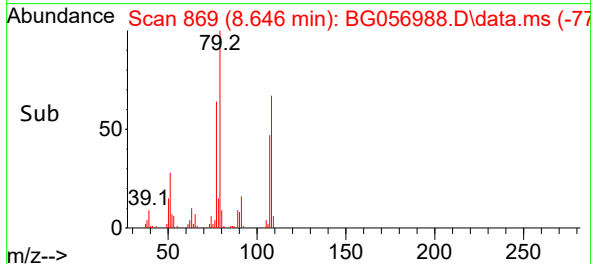
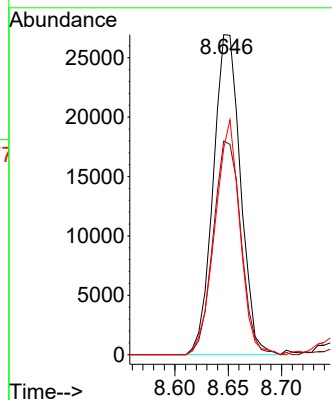
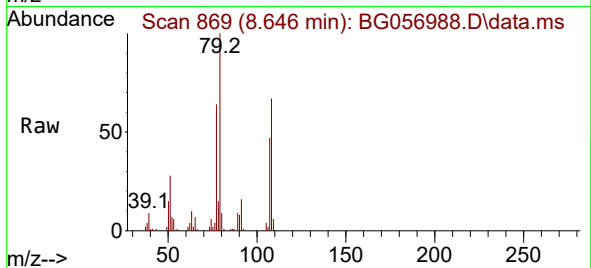




#15
Benzyl Alcohol
Concen: 47.230 ng
RT: 8.646 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

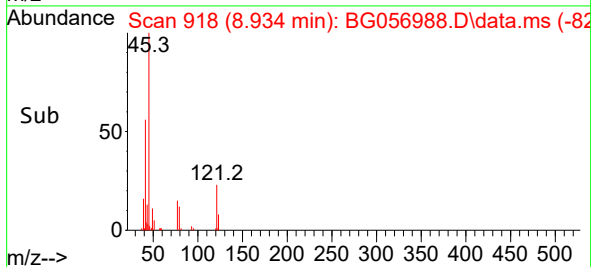
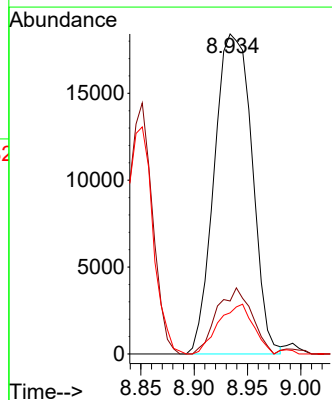
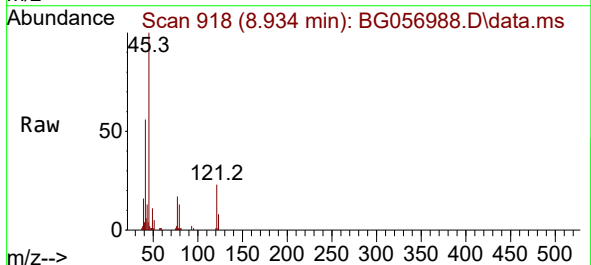
Instrument :
BNA_G
ClientSampleId :
PB151887BS

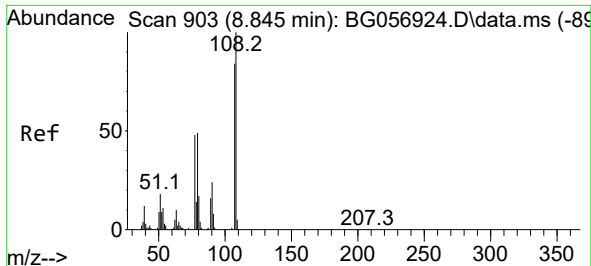
Tgt Ion: 79 Resp: 47830
Ion Ratio Lower Upper
79 100
108 66.8 51.2 76.8
77 64.5 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.681 ng
RT: 8.934 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 45 Resp: 45286
Ion Ratio Lower Upper
45 100
77 16.5 0.0 38.7
79 12.9 0.0 35.1





#17

2-Methylphenol

Concen: 48.401 ng

RT: 8.851 min Scan# 903

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

Tgt Ion:107 Resp: 41702

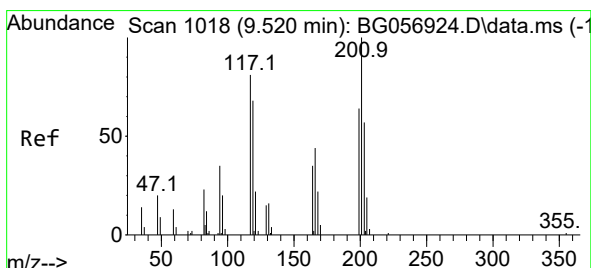
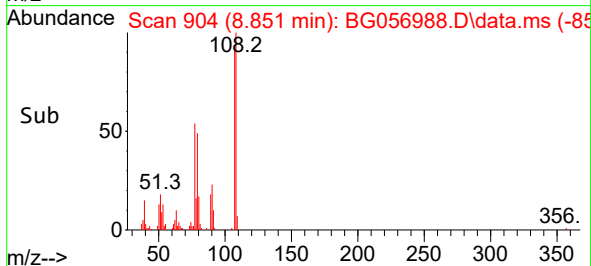
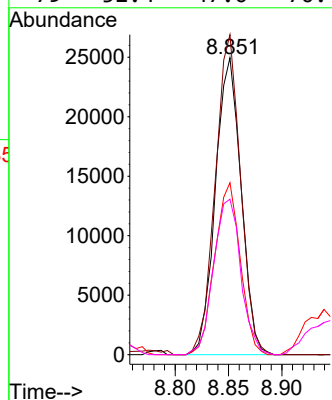
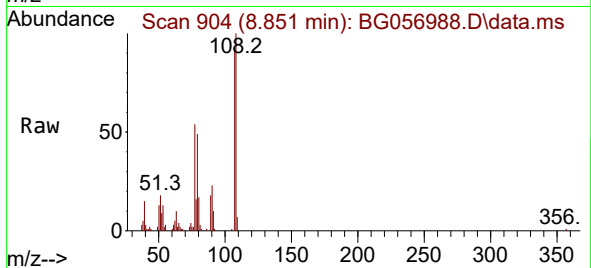
Ion Ratio Lower Upper

107 100

108 107.8 96.0 144.0

77 57.9 45.6 68.4

79 52.4 47.0 70.4



#18

Hexachloroethane

Concen: 43.667 ng

RT: 9.521 min Scan# 1018

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

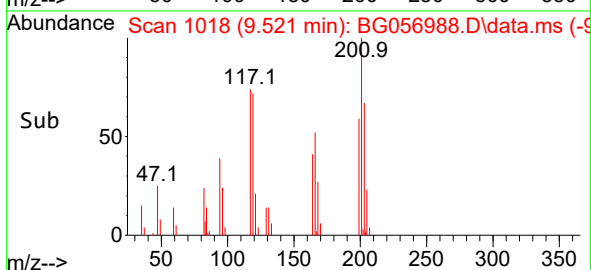
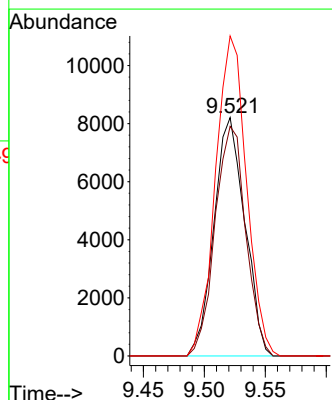
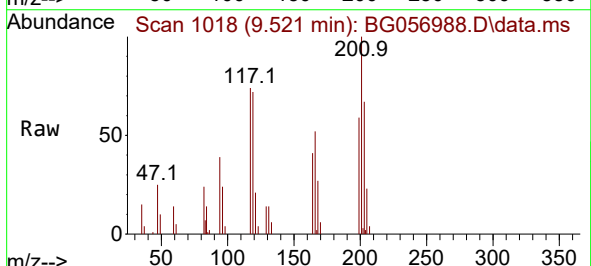
Tgt Ion:117 Resp: 14447

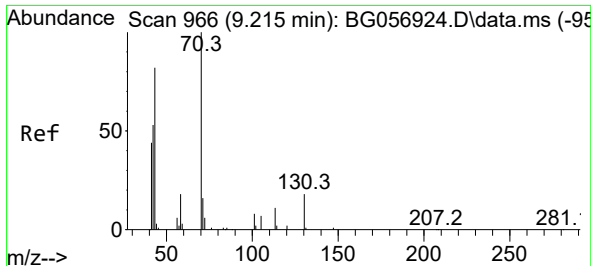
Ion Ratio Lower Upper

117 100

119 96.3 67.0 100.6

201 134.2 98.7 148.1

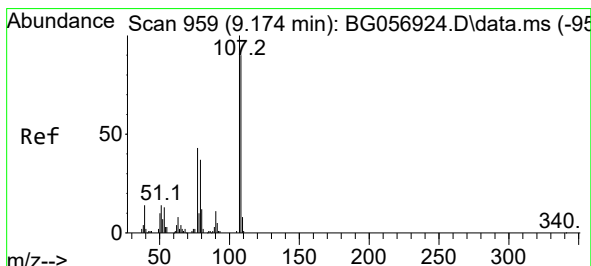
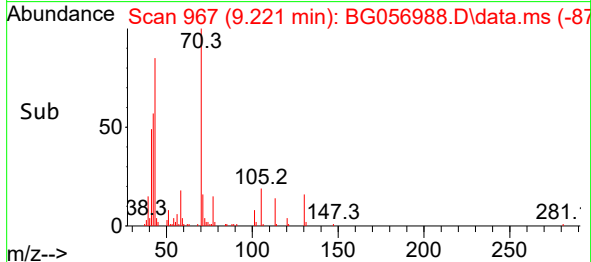
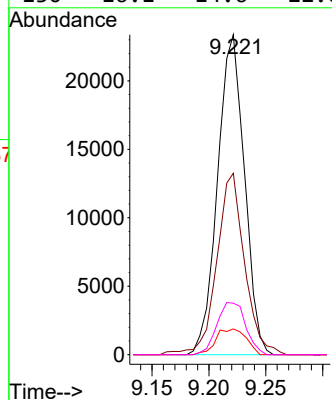
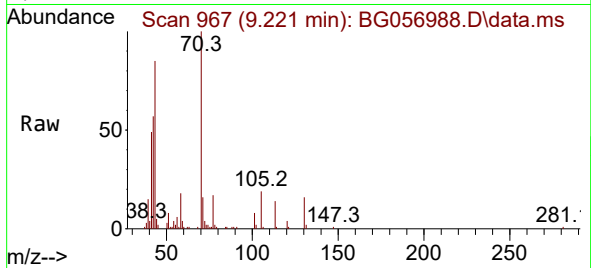




#19
n-Nitroso-di-n-propylamine
Concen: 44.060 ng
RT: 9.221 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

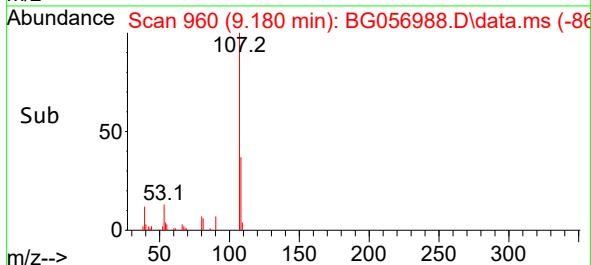
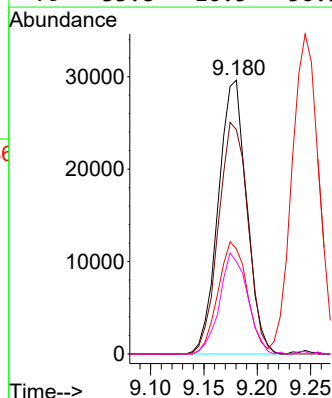
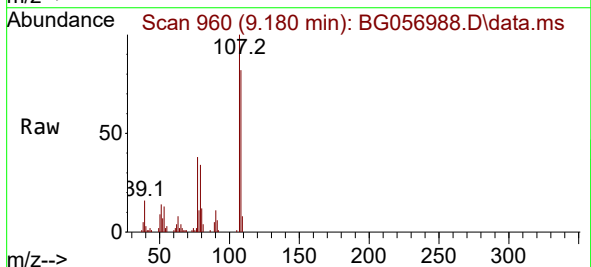
Instrument :
BNA_G
ClientSampleId :
PB151887BS

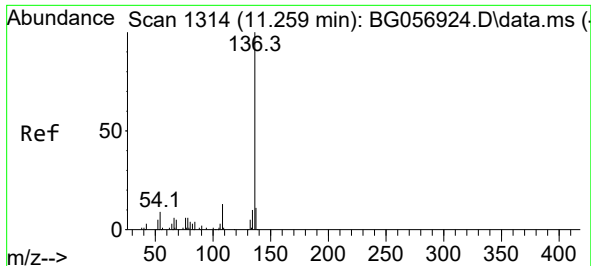
Tgt Ion: 70 Resp: 38410
Ion Ratio Lower Upper
70 100
42 56.7 43.4 65.0
101 8.1 6.2 9.2
130 16.1 14.6 22.0



#20
3+4-Methylphenols
Concen: 45.573 ng
RT: 9.180 min Scan# 960
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 107 Resp: 54906
Ion Ratio Lower Upper
107 100
108 82.0 69.9 109.9
77 38.4 22.7 62.7
79 33.8 16.5 56.5

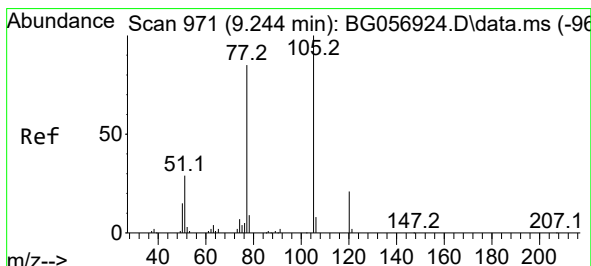
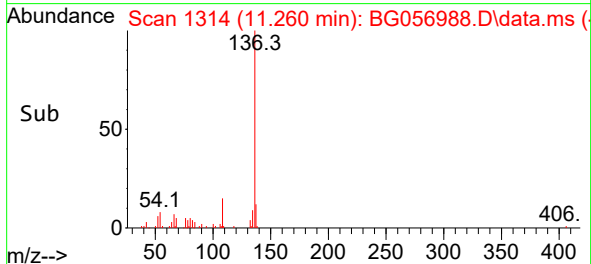
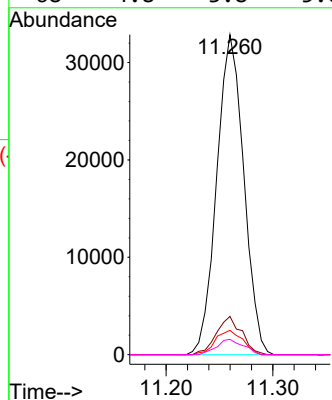
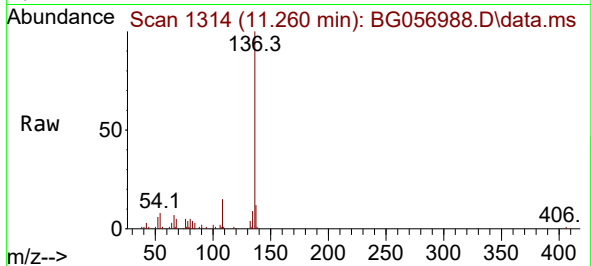




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.260 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

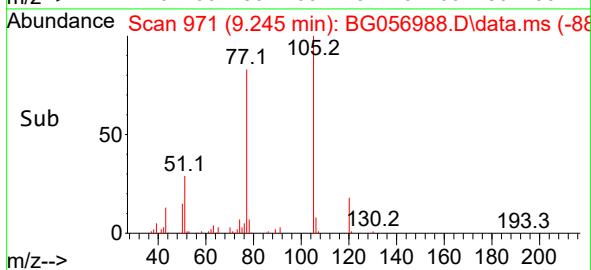
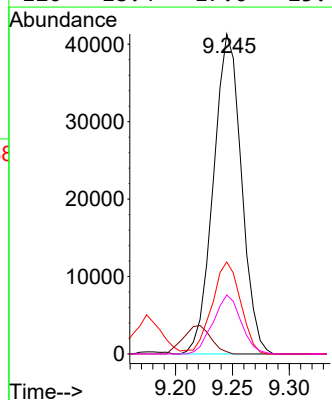
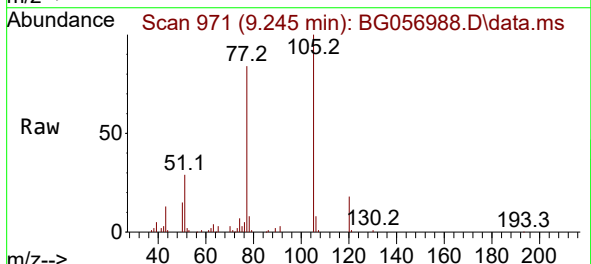
Instrument :
BNA_G
ClientSampleId :
PB151887BS

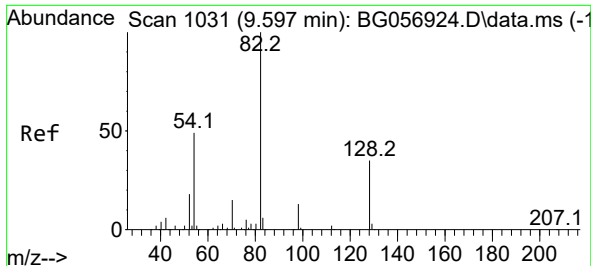
Tgt Ion:136 Resp: 57757
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 7.6 6.9 10.3
68 4.8 3.8 5.6



#22
Acetophenone
Concen: 41.216 ng
RT: 9.245 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:105 Resp: 70835
Ion Ratio Lower Upper
105 100
71 0.7 0.7 1.1#
51 28.8 23.8 35.8
120 18.4 17.0 25.4

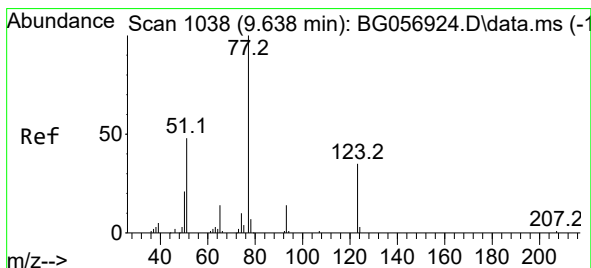
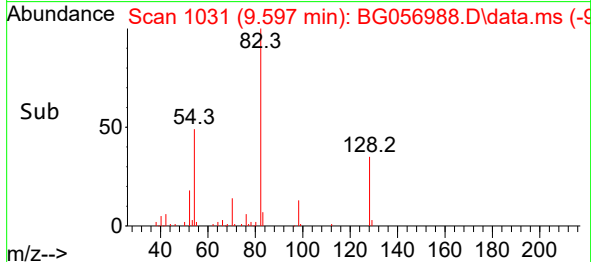
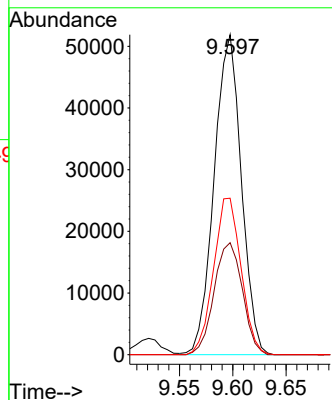
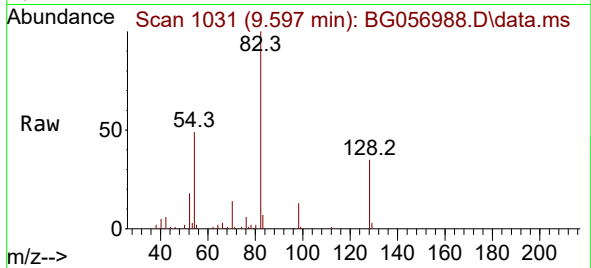




#23
Nitrobenzene-d5
Concen: 65.026 ng
RT: 9.597 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

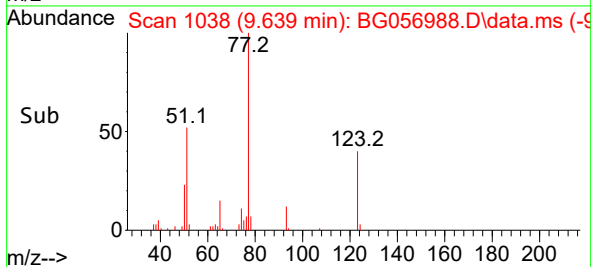
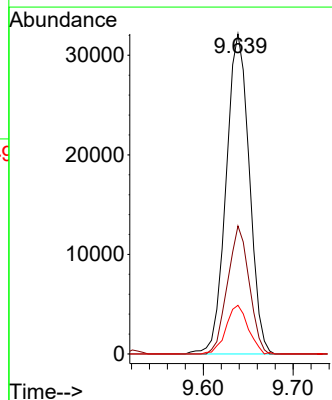
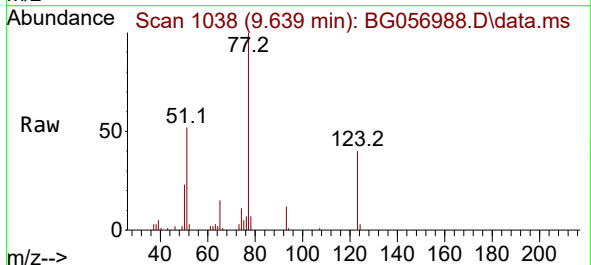
Instrument :
BNA_G
ClientSampleId :
PB151887BS

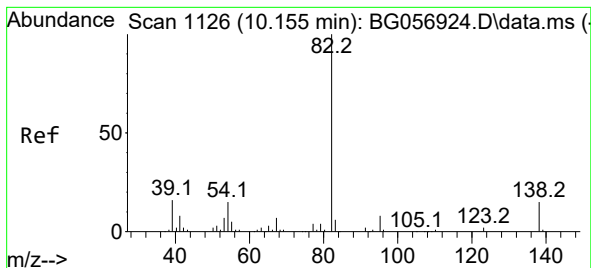
Tgt Ion: 82 Resp: 91787
Ion Ratio Lower Upper
82 100
128 35.0 27.9 41.9
54 48.9 39.4 59.2



#24
Nitrobenzene
Concen: 39.915 ng
RT: 9.639 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 77 Resp: 57603
Ion Ratio Lower Upper
77 100
123 40.0 27.6 41.4
65 15.2 11.5 17.3





#25

Isophorone

Concen: 37.335 ng

RT: 10.161 min Scan# 1127

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

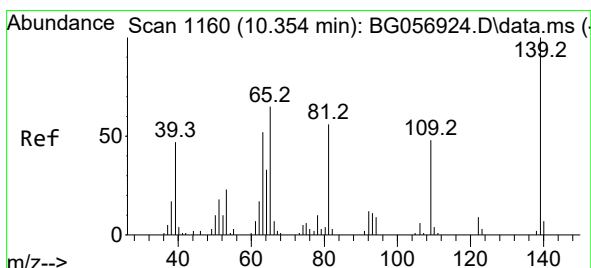
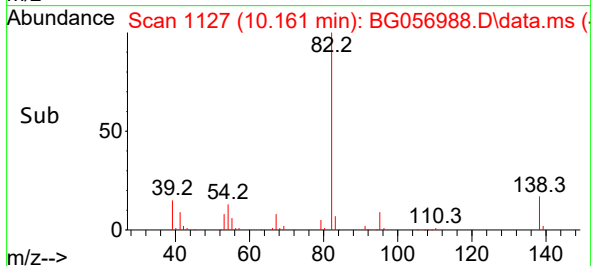
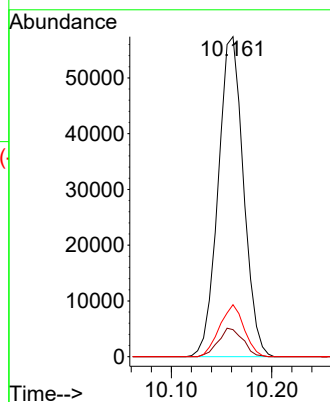
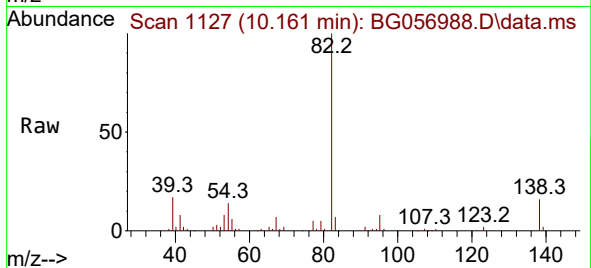
Tgt Ion: 82 Resp: 100354

Ion Ratio Lower Upper

82 100

95 8.5 6.3 9.5

138 16.3 11.8 17.8



#26

2-Nitrophenol

Concen: 45.042 ng

RT: 10.355 min Scan# 1160

Delta R.T. -0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

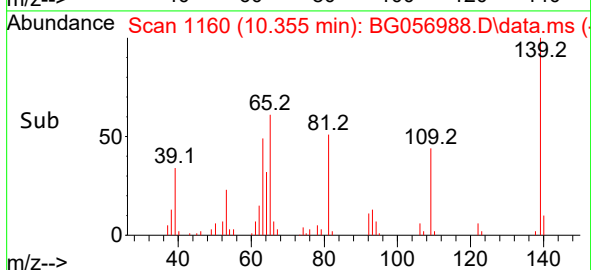
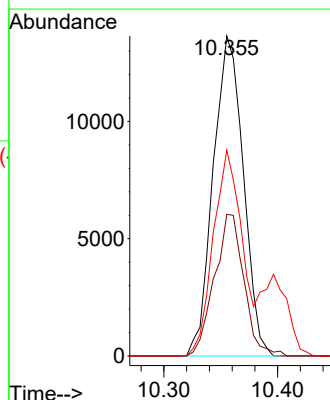
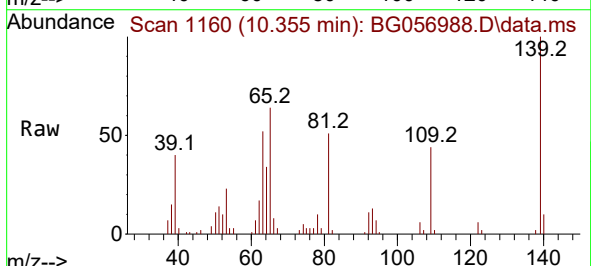
Tgt Ion:139 Resp: 25090

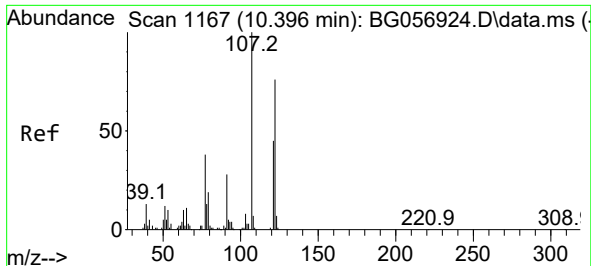
Ion Ratio Lower Upper

139 100

109 44.2 38.2 57.4

65 64.3 51.8 77.8

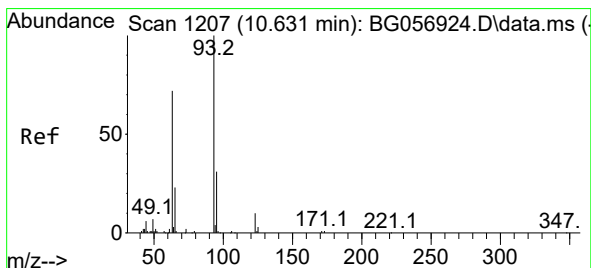
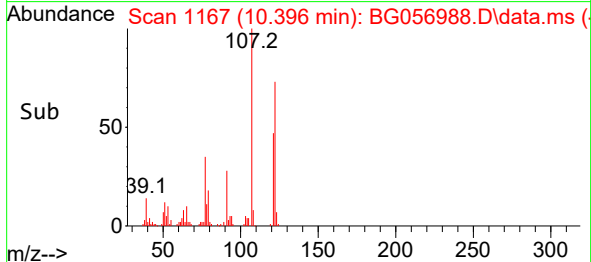
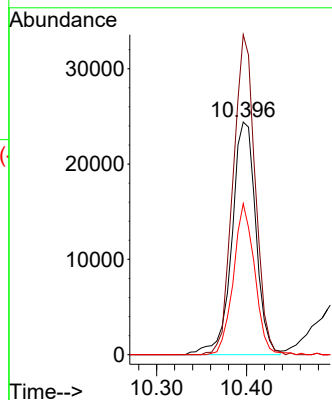
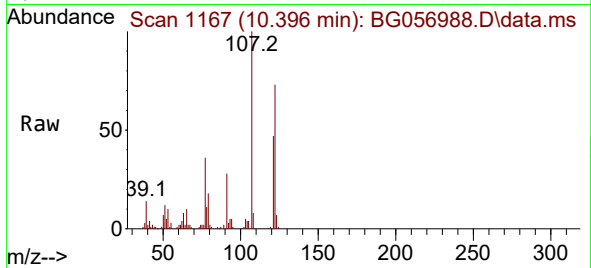




#27
2,4-Dimethylphenol
Concen: 45.963 ng
RT: 10.396 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

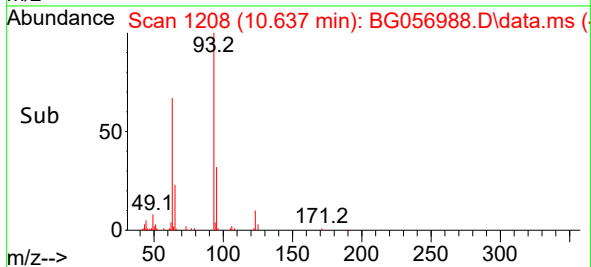
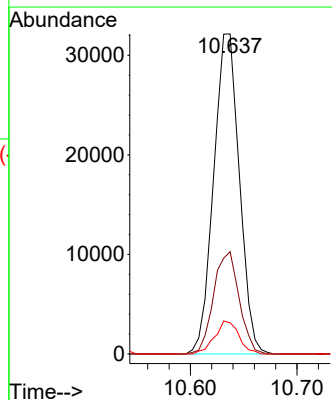
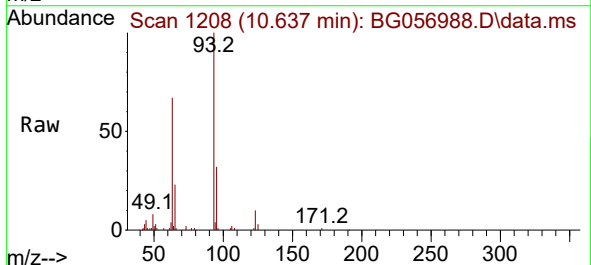
Instrument :
BNA_G
ClientSampleId :
PB151887BS

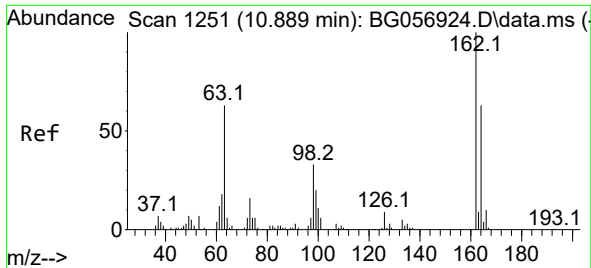
Tgt Ion:122 Resp: 45205
Ion Ratio Lower Upper
122 100
107 137.6 105.7 158.5
121 65.0 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.997 ng
RT: 10.637 min Scan# 1208
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion: 93 Resp: 53823
Ion Ratio Lower Upper
93 100
95 31.9 24.6 37.0
123 9.8 7.8 11.6

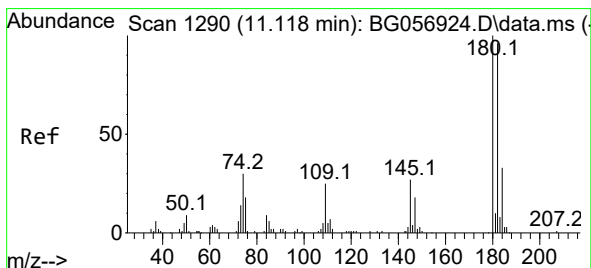
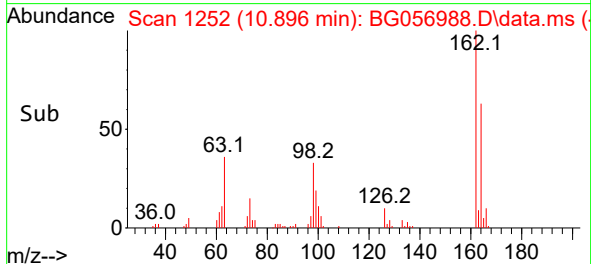
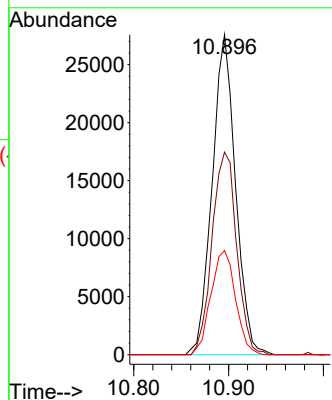
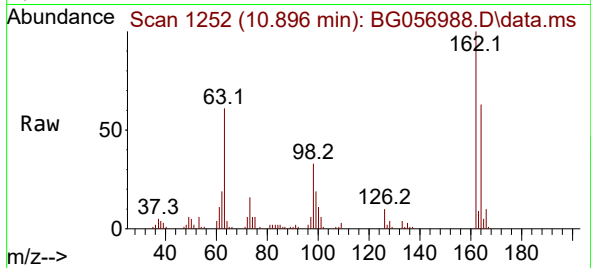




#29
2,4-Dichlorophenol
Concen: 44.710 ng
RT: 10.896 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

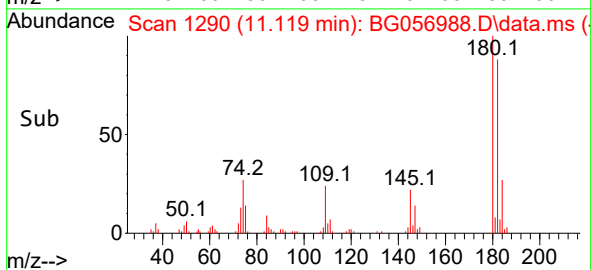
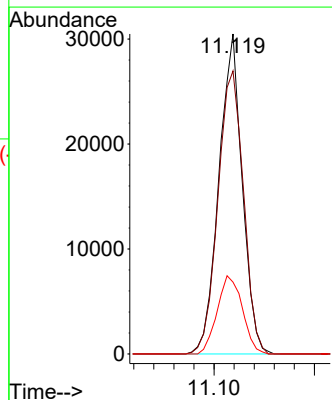
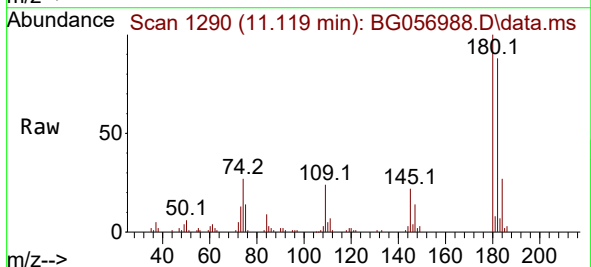
Instrument :
BNA_G
ClientSampleId :
PB151887BS

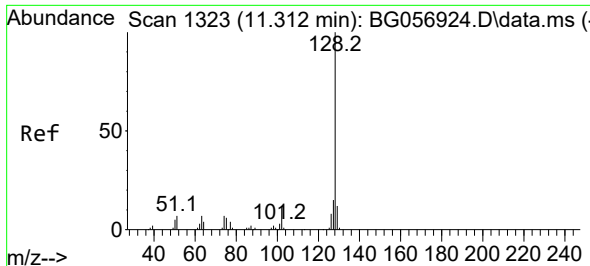
Tgt Ion:162 Resp: 47290
Ion Ratio Lower Upper
162 100
164 63.3 43.4 83.4
98 32.5 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 43.661 ng
RT: 11.119 min Scan# 1290
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:180 Resp: 49068
Ion Ratio Lower Upper
180 100
182 88.5 77.1 115.7
145 22.4 21.3 31.9

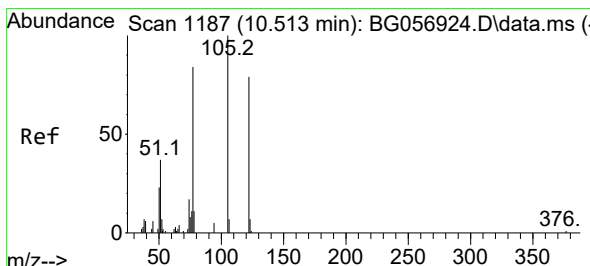
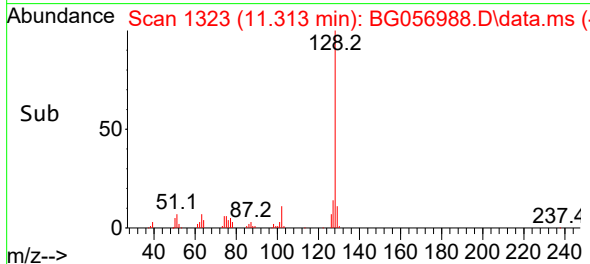
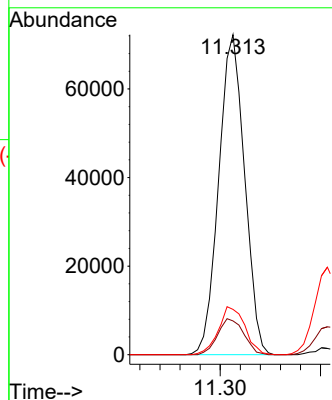
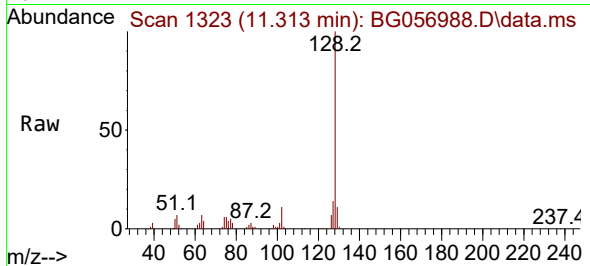




#31
Naphthalene
Concen: 41.020 ng
RT: 11.313 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

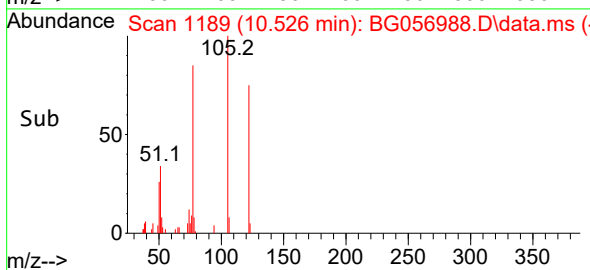
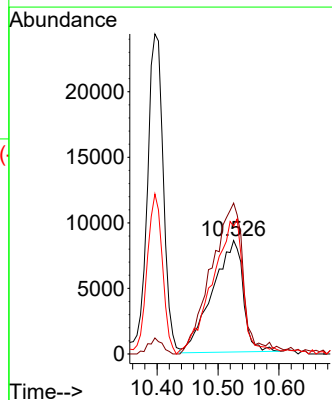
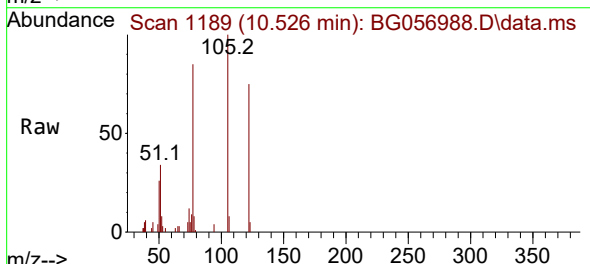
Instrument :
BNA_G
ClientSampleId :
PB151887BS

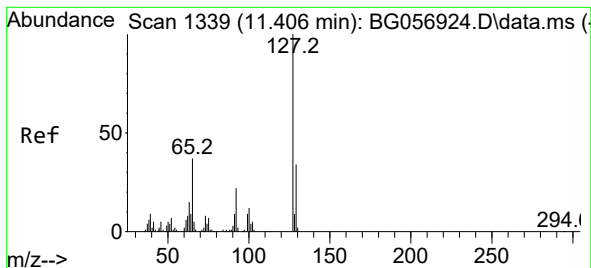
Tgt Ion:128 Resp: 129138
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 14.2 12.2 18.4



#32
Benzoic acid
Concen: 44.048 ng
RT: 10.526 min Scan# 1189
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:122 Resp: 29758
Ion Ratio Lower Upper
122 100
105 132.9 105.4 145.4
77 112.5 87.4 127.4

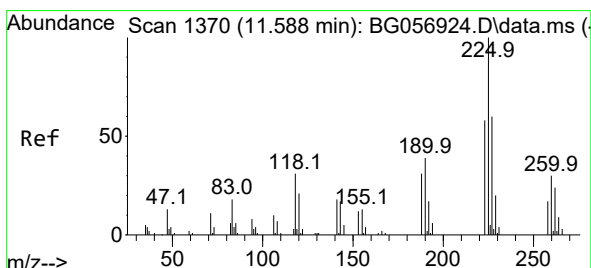
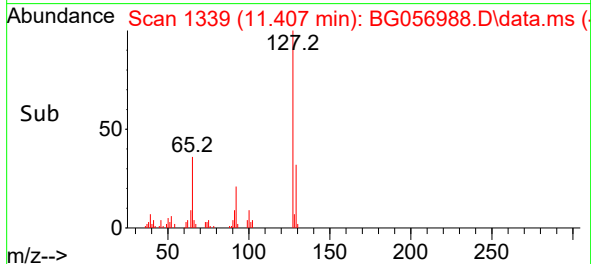
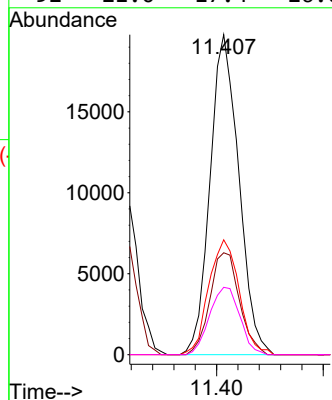
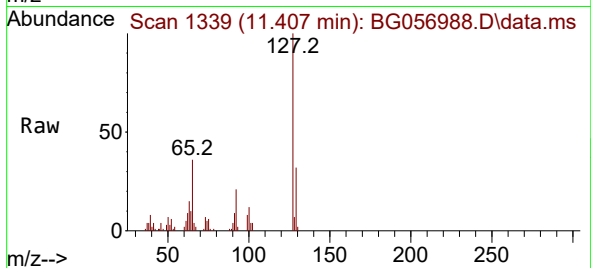




#33
4-Chloroaniline
Concen: 26.025 ng
RT: 11.407 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

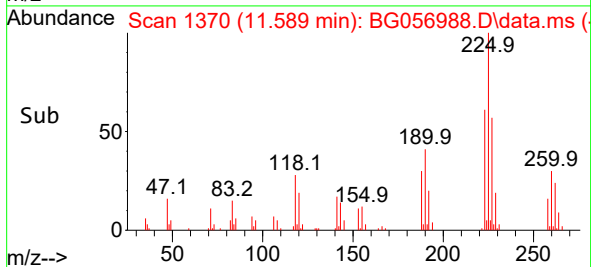
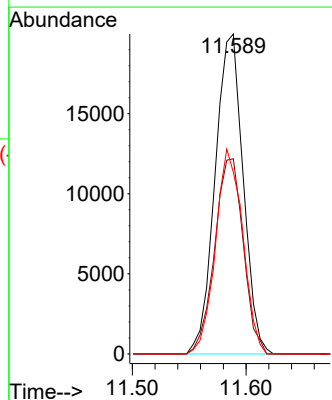
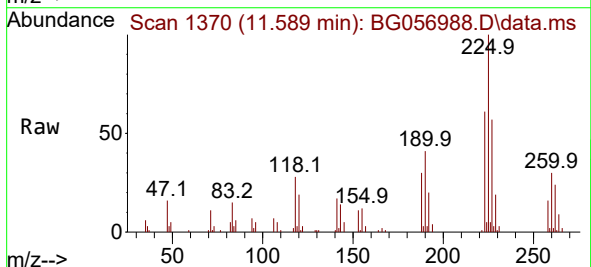
Instrument :
BNA_G
ClientSampleId :
PB151887BS

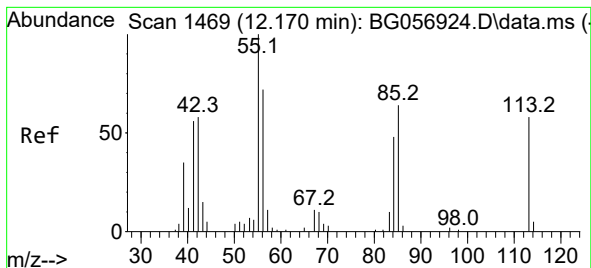
Tgt Ion:	127	Resp:	37003
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.6	41.4
65	35.9	29.8	44.8
92	21.0	17.4	26.0



#34
Hexachlorobutadiene
Concen: 40.567 ng
RT: 11.589 min Scan# 1370
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:	225	Resp:	34247
Ion	Ratio	Lower	Upper
225	100		
223	61.0	46.4	69.6
227	56.8	48.0	72.0

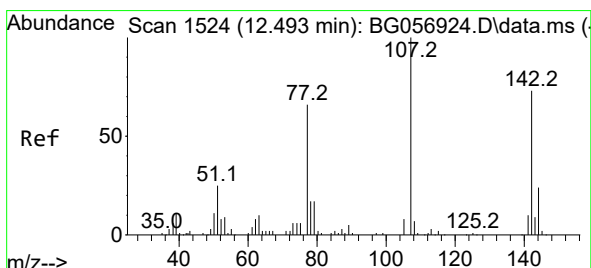
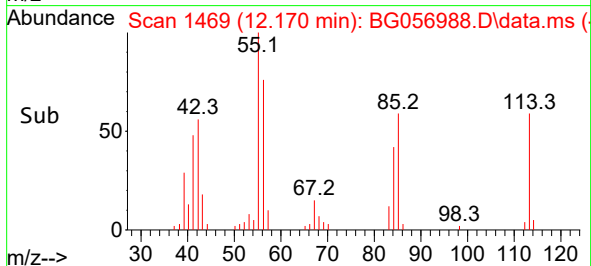
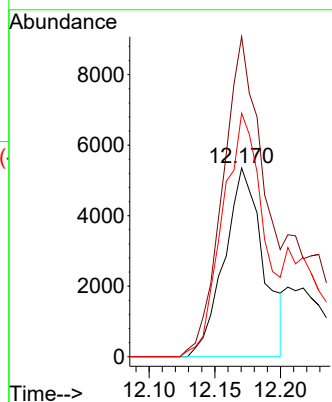
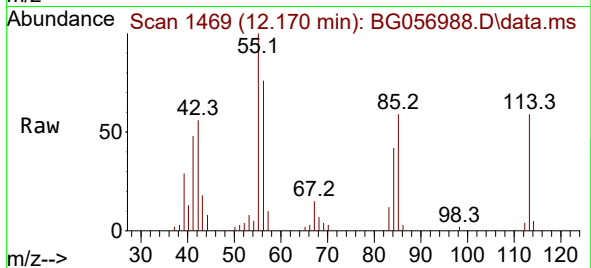




#35
Caprolactam
Concen: 30.258 ng
RT: 12.170 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

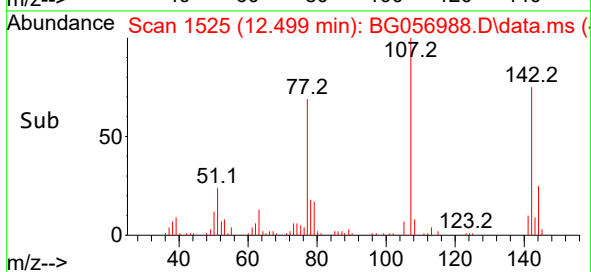
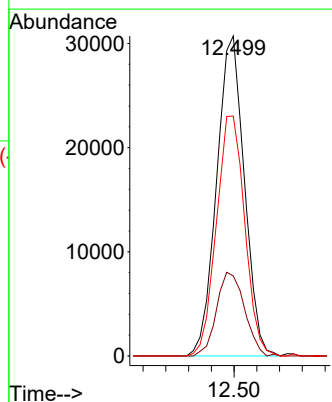
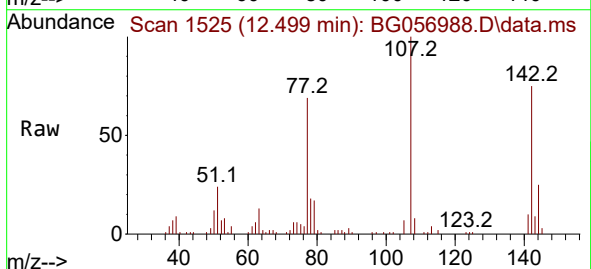
Instrument :
BNA_G
ClientSampleId :
PB151887BS

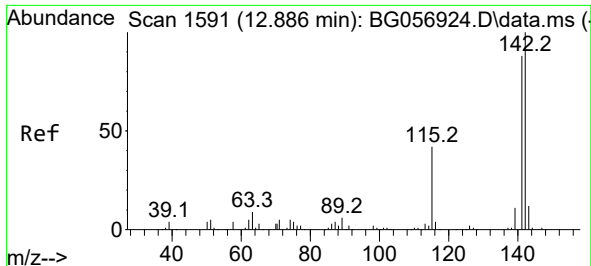
Tgt Ion:113 Resp: 11037
Ion Ratio Lower Upper
113 100
55 169.7 151.6 191.6
56 129.1 103.7 143.7



#36
4-Chloro-3-methylphenol
Concen: 43.941 ng
RT: 12.499 min Scan# 1525
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:107 Resp: 51976
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 74.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.735 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

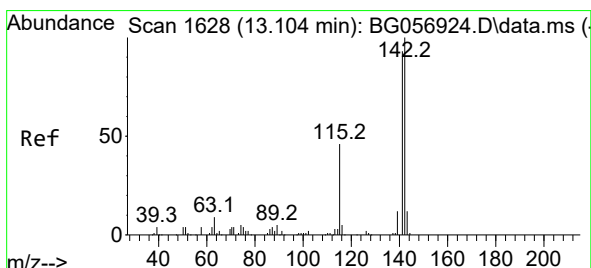
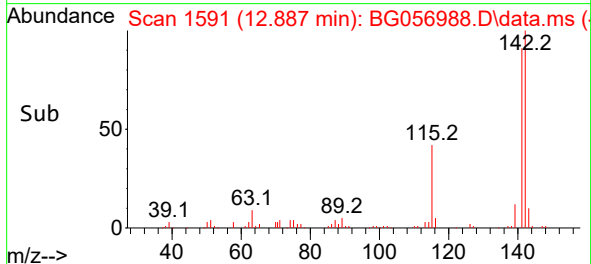
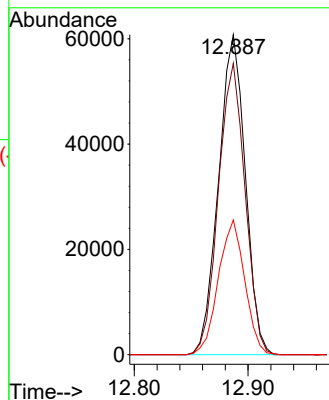
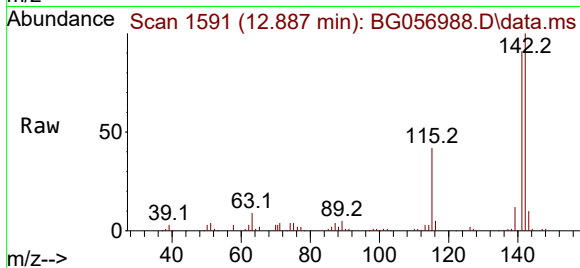
Tgt Ion:142 Resp: 99280

Ion Ratio Lower Upper

142 100

141 91.0 70.3 105.5

115 42.1 33.5 50.3



#38

1-Methylnaphthalene

Concen: 38.835 ng

RT: 13.104 min Scan# 1628

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

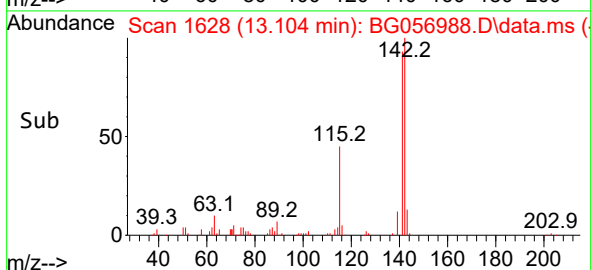
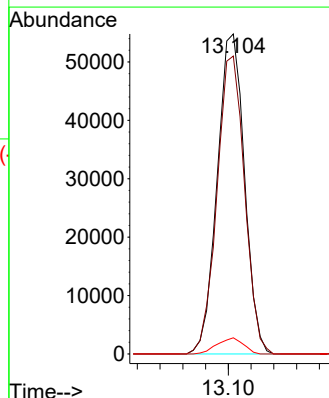
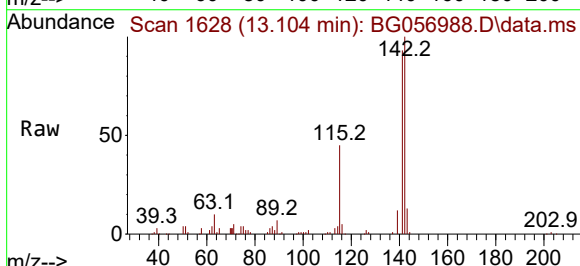
Tgt Ion:142 Resp: 91113

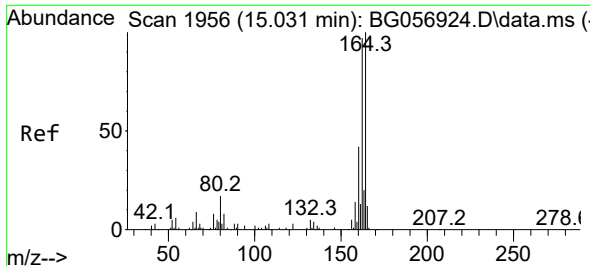
Ion Ratio Lower Upper

142 100

141 93.1 74.0 111.0

116 5.1 3.7 5.5

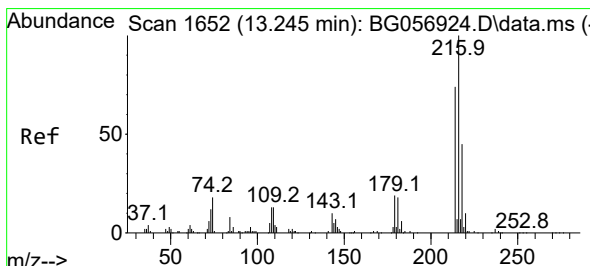
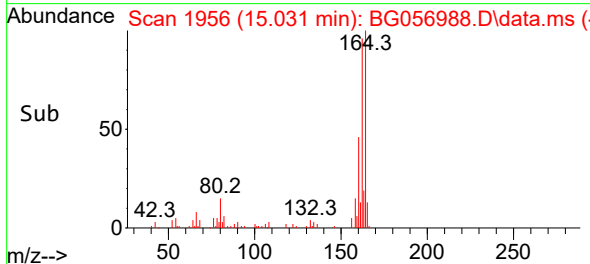
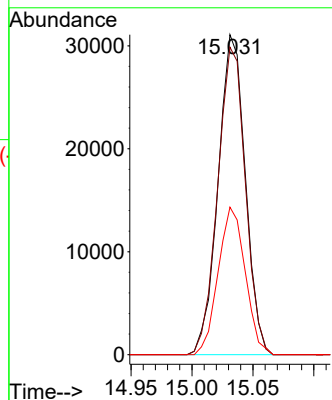
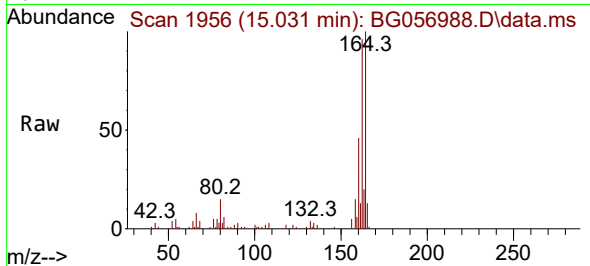




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.031 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

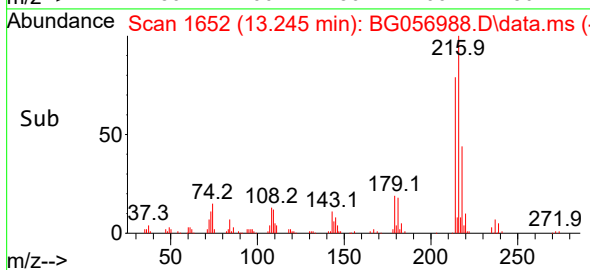
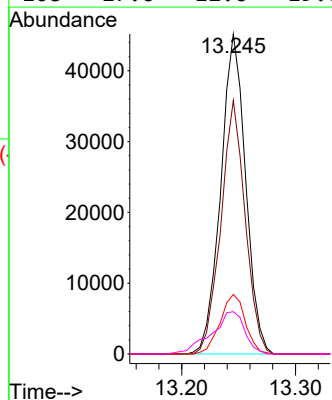
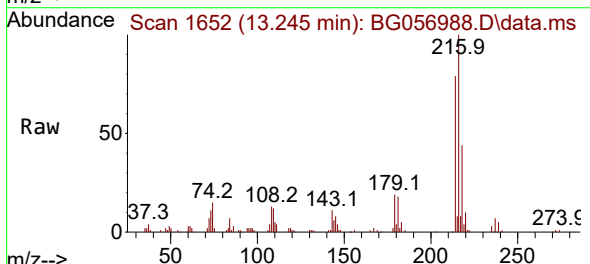
Instrument :
BNA_G
ClientSampleId :
PB151887BS

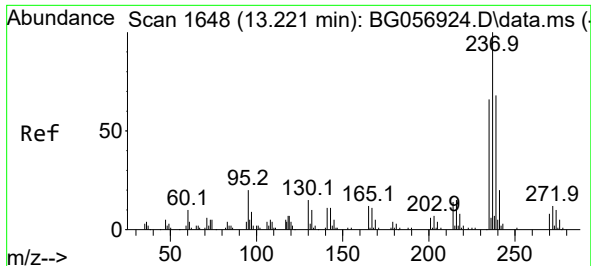
Tgt Ion:164 Resp: 48184
Ion Ratio Lower Upper
164 100
162 96.1 77.8 116.8
160 46.1 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.072 ng
RT: 13.245 min Scan# 1652
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

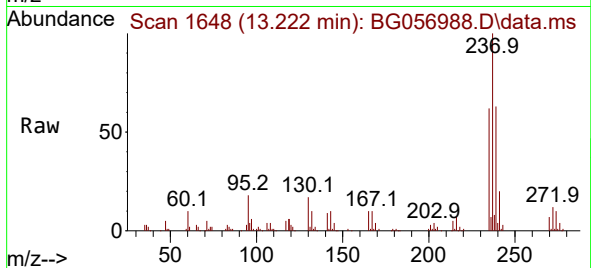
Tgt Ion:216 Resp: 68627
Ion Ratio Lower Upper
216 100
214 77.1 63.3 94.9
179 18.8 15.0 22.6
108 17.6 12.6 19.0



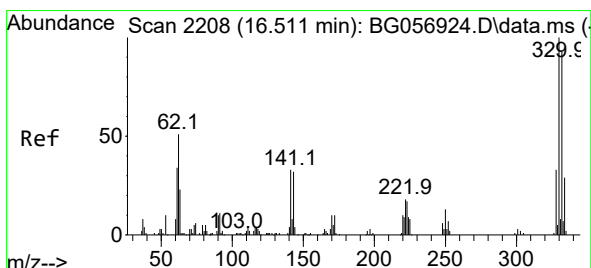
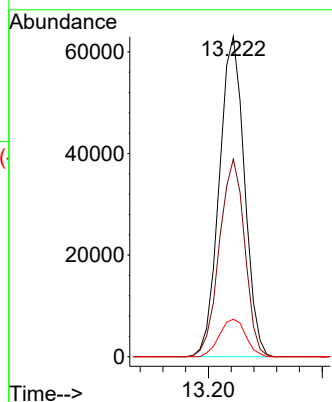
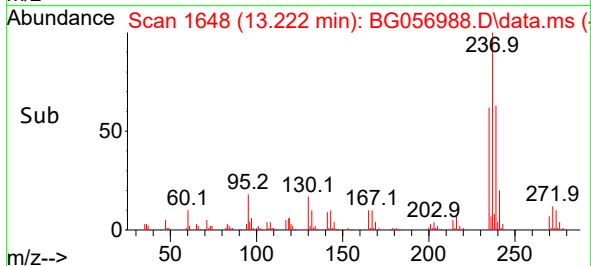


#41
Hexachlorocyclopentadiene
Concen: 105.068 ng
RT: 13.222 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

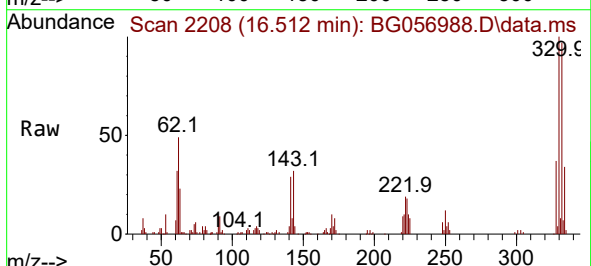
Instrument :
BNA_G
ClientSampleId :
PB151887BS



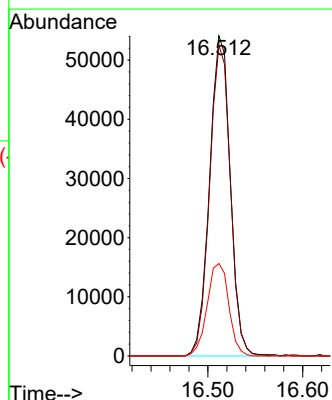
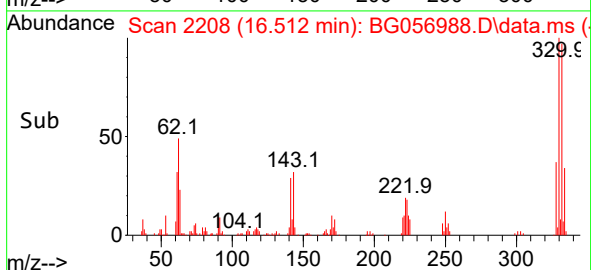
Tgt Ion:237 Resp: 96727
Ion Ratio Lower Upper
237 100
235 61.7 45.9 85.9
272 11.7 0.0 32.3

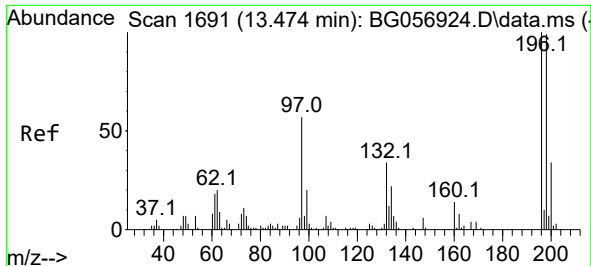


#42
2,4,6-Tribromophenol
Concen: 106.951 ng
RT: 16.512 min Scan# 2208
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46



Tgt Ion:330 Resp: 82326
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 30.0 25.8 38.6

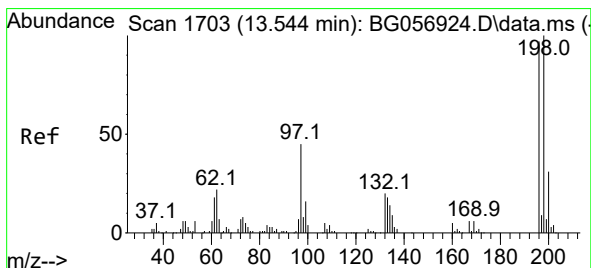
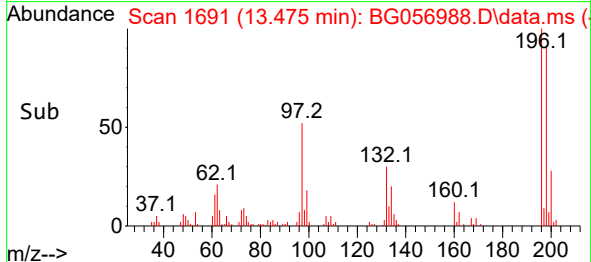
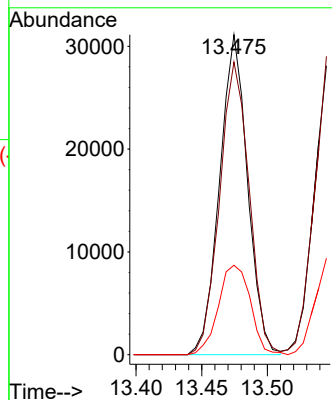
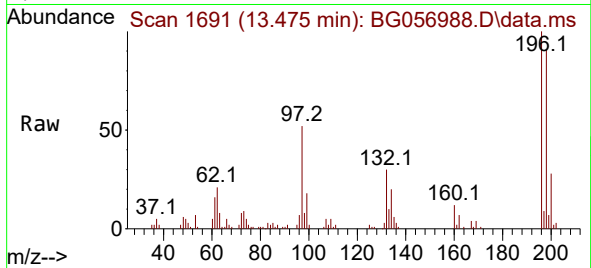




#43
 2,4,6-Trichlorophenol
 Concen: 43.261 ng
 RT: 13.475 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

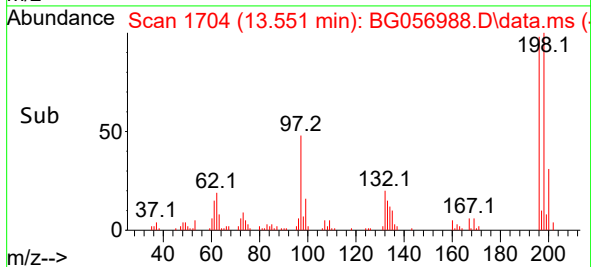
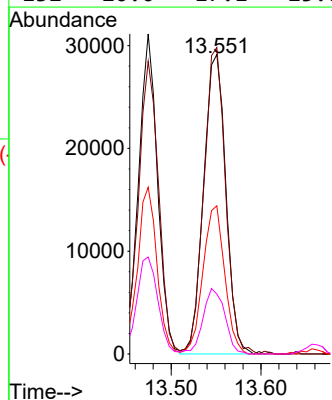
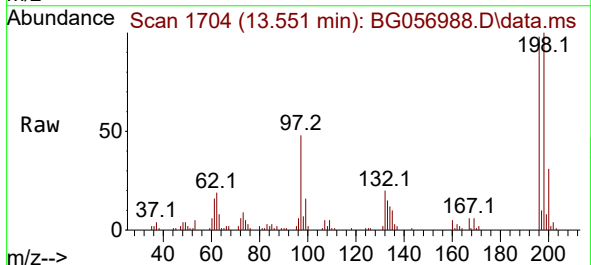
Instrument :
 BNA_G
 ClientSampleId :
 PB151887BS

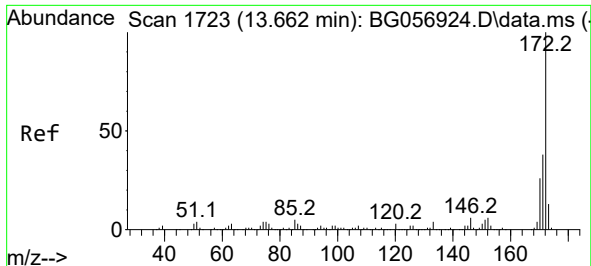
Tgt Ion:196 Resp: 46127
 Ion Ratio Lower Upper
 196 100
 198 91.4 79.1 118.7
 200 28.0 27.2 40.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.740 ng
 RT: 13.551 min Scan# 1704
 Delta R.T. 0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

Tgt Ion:196 Resp: 50197
 Ion Ratio Lower Upper
 196 100
 198 102.3 82.5 123.7
 97 49.4 37.0 55.6
 132 20.0 17.1 25.7

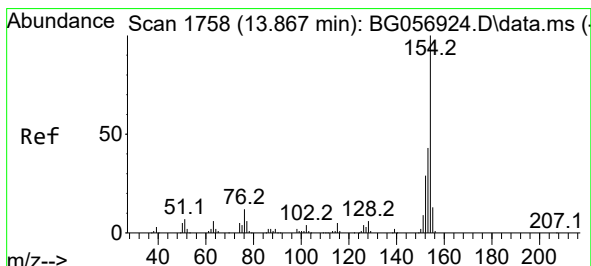
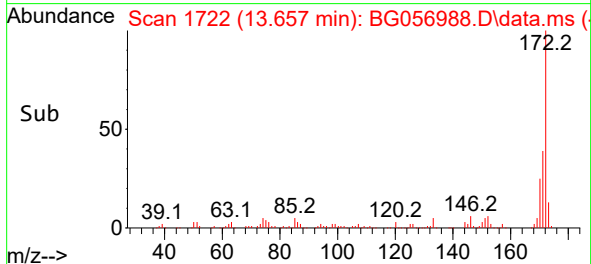
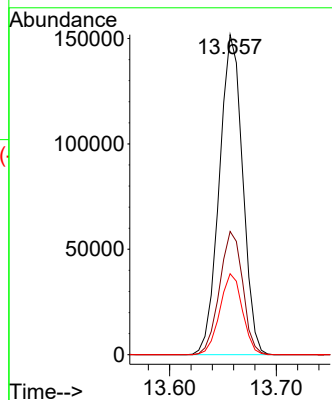
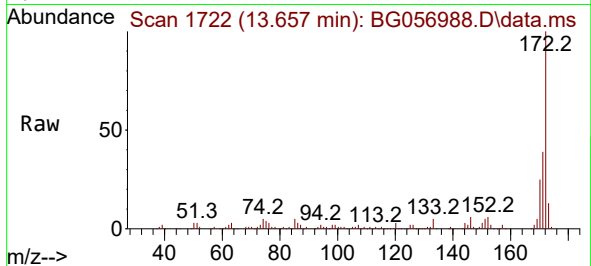




#45
2-Fluorobiphenyl
Concen: 64.864 ng
RT: 13.657 min Scan# 1722
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

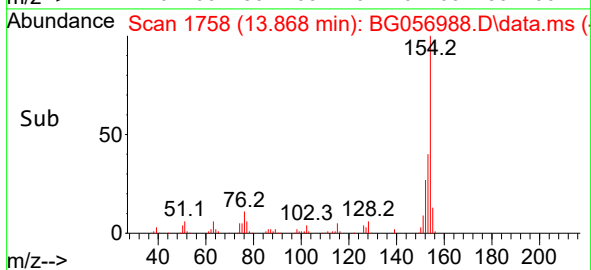
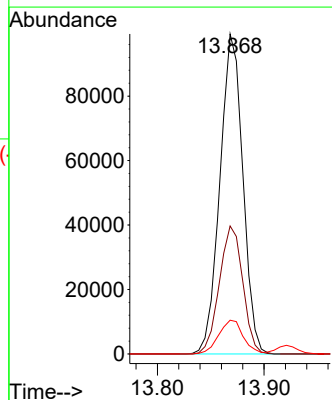
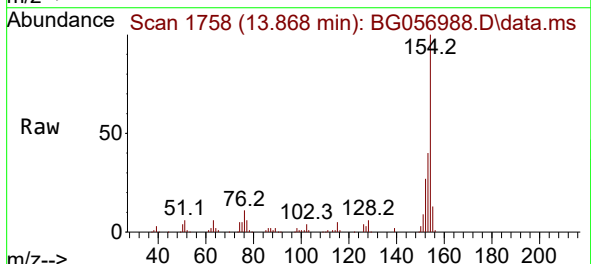
Instrument :
BNA_G
ClientSampleId :
PB151887BS

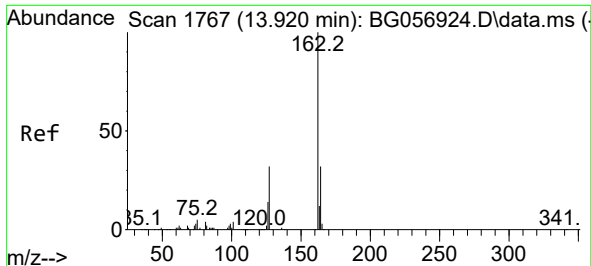
Tgt Ion:172 Resp: 230487
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 25.3 20.6 30.8



#46
1,1'-Biphenyl
Concen: 41.971 ng
RT: 13.868 min Scan# 1758
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:154 Resp: 148040
Ion Ratio Lower Upper
154 100
153 40.0 23.4 63.4
76 10.5 0.0 31.6

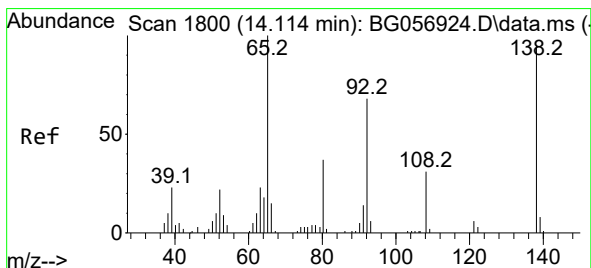
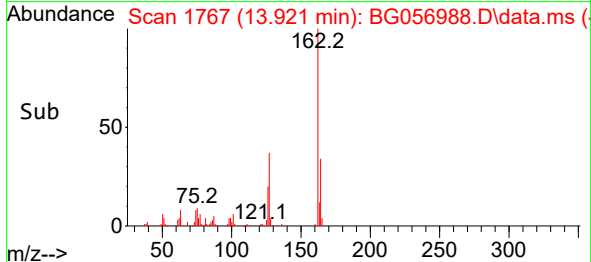
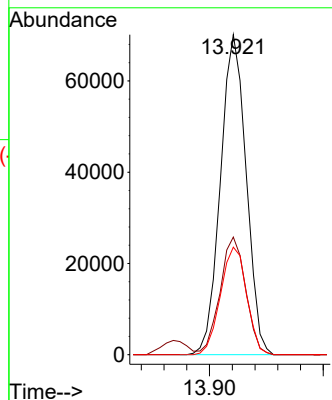
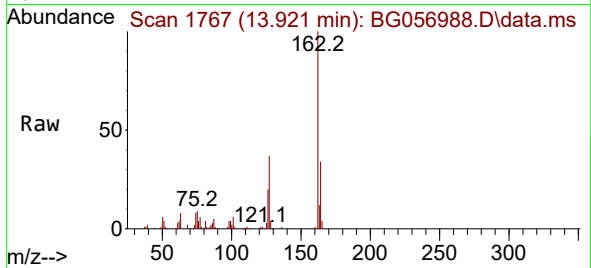




#47
2-Chloronaphthalene
Concen: 42.217 ng
RT: 13.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

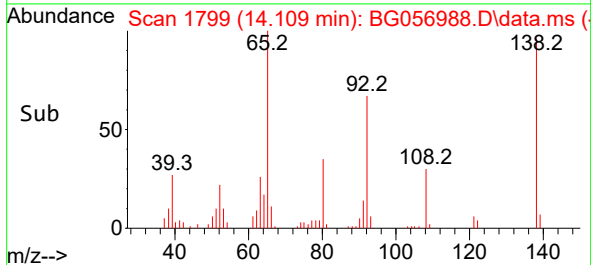
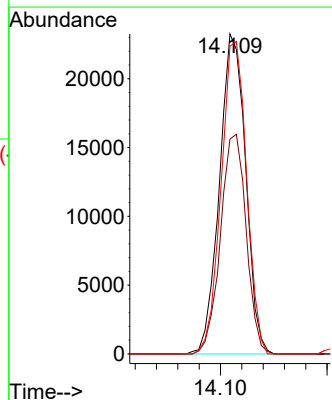
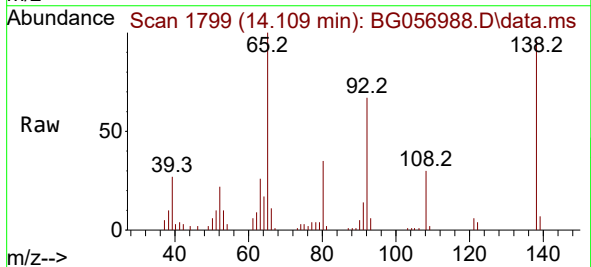
Instrument :
BNA_G
ClientSampleId :
PB151887BS

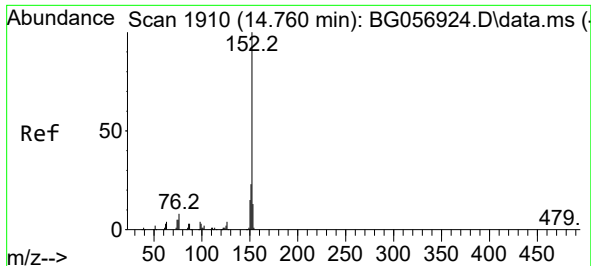
Tgt Ion:162 Resp: 110131
Ion Ratio Lower Upper
162 100
127 36.8 29.5 44.3
164 33.6 25.5 38.3



#48
2-Nitroaniline
Concen: 42.376 ng
RT: 14.109 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

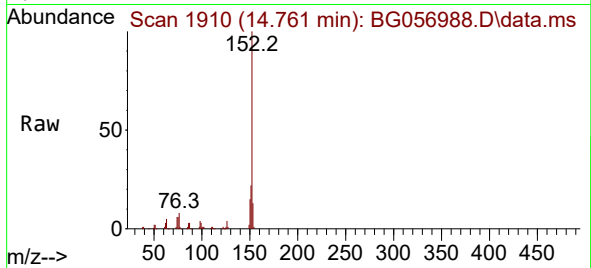
Tgt Ion: 65 Resp: 39528
Ion Ratio Lower Upper
65 100
92 67.2 54.3 81.5
138 96.2 76.0 114.0



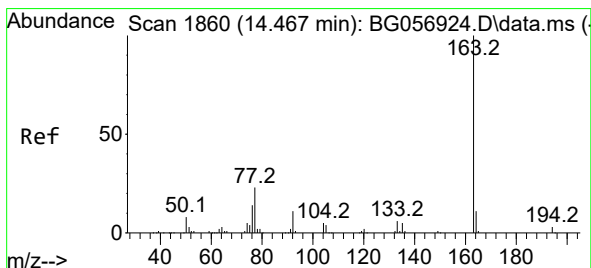
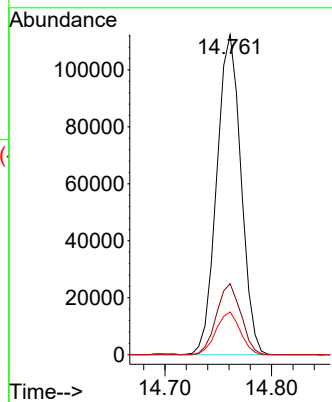
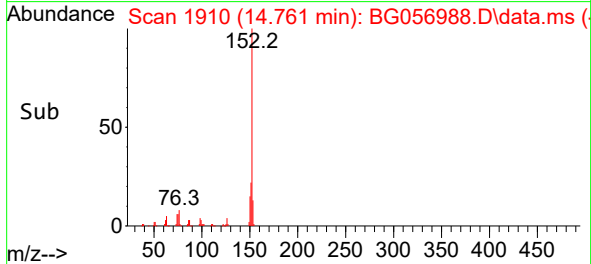


#49
Acenaphthylene
Concen: 41.401 ng
RT: 14.761 min Scan# 1910
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

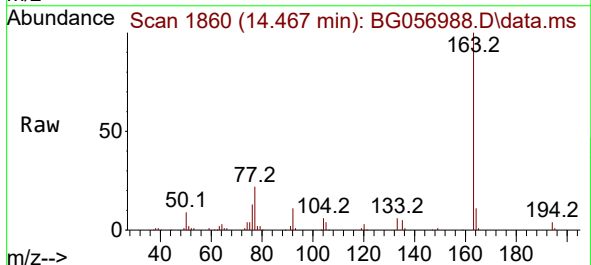
Instrument :
BNA_G
ClientSampleId :
PB151887BS



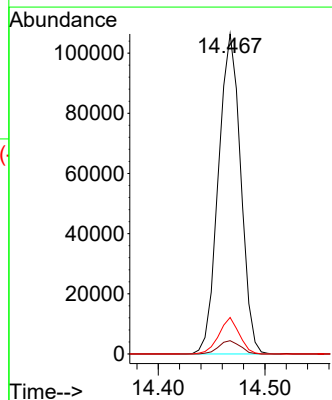
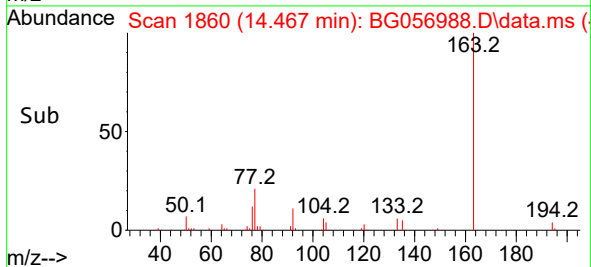
Tgt Ion:152 Resp: 177451
Ion Ratio Lower Upper
152 100
151 22.2 18.2 27.2
153 13.4 10.5 15.7

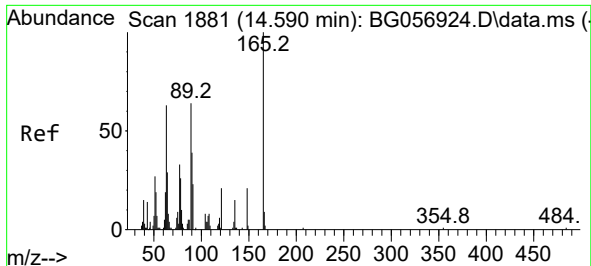


#50
Dimethylphthalate
Concen: 40.579 ng
RT: 14.467 min Scan# 1860
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46



Tgt Ion:163 Resp: 154059
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2
164 11.4 8.8 13.2

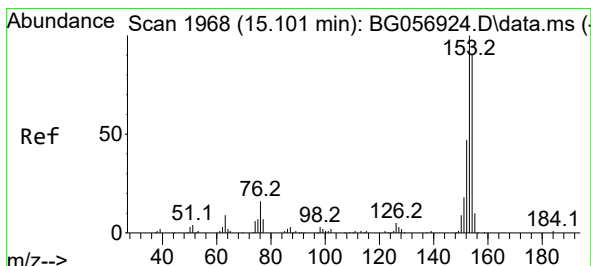
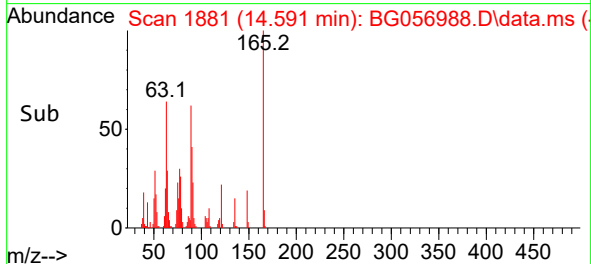
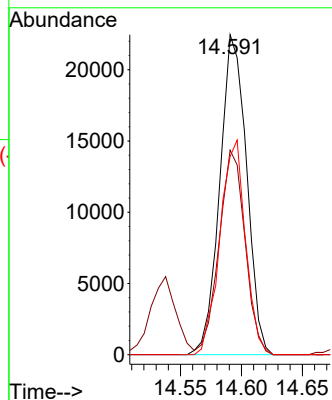
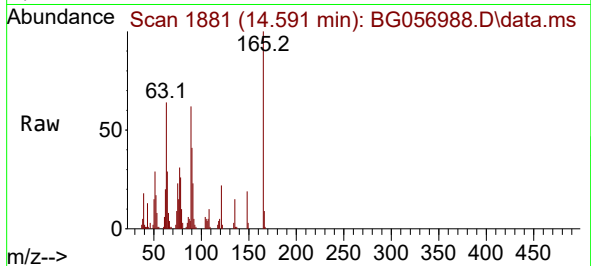




#51
2,6-Dinitrotoluene
Concen: 41.862 ng
RT: 14.591 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

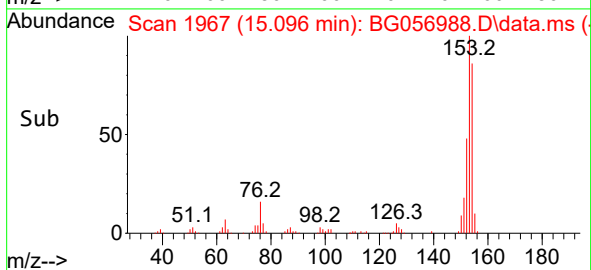
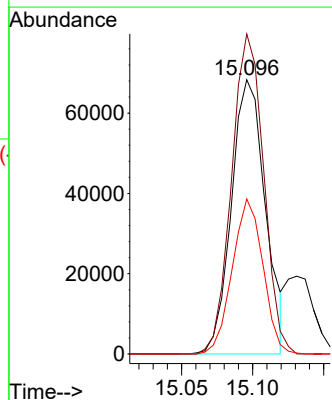
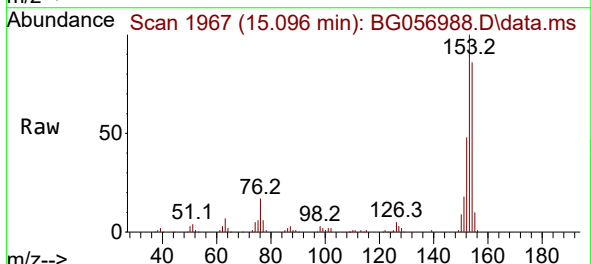
Instrument :
BNA_G
ClientSampleId :
PB151887BS

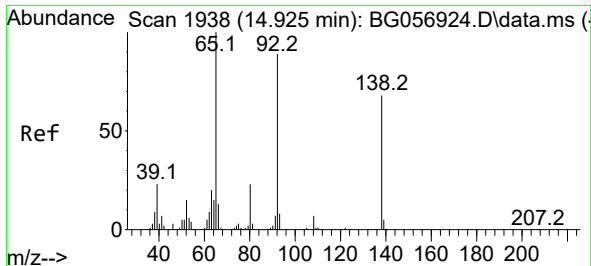
Tgt Ion:165 Resp: 34339
Ion Ratio Lower Upper
165 100
63 63.9 53.0 79.6
89 62.0 51.0 76.4



#52
Acenaphthene
Concen: 38.371 ng
RT: 15.096 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:154 Resp: 113428
Ion Ratio Lower Upper
154 100
153 116.7 88.9 133.3
152 56.5 41.8 62.8

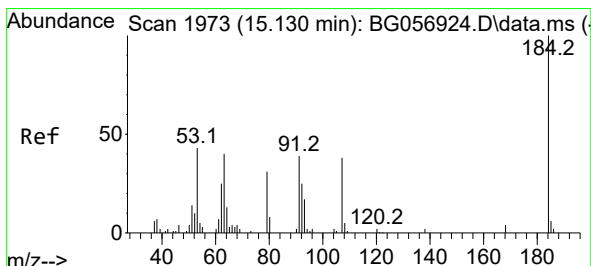
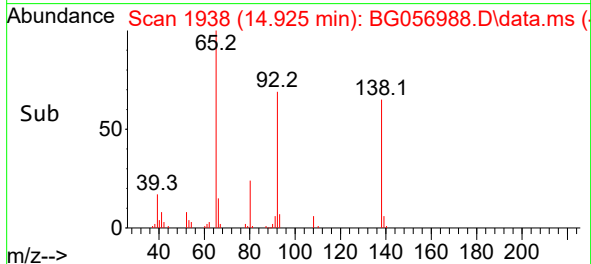
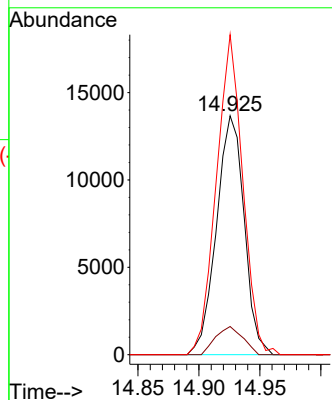
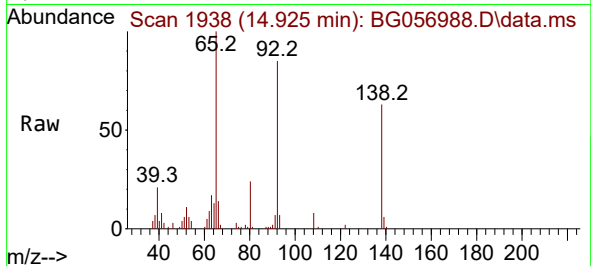




#53
3-Nitroaniline
Concen: 26.602 ng
RT: 14.925 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

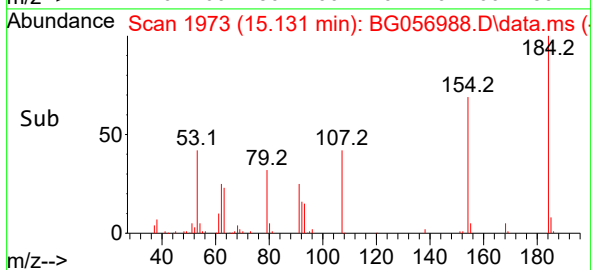
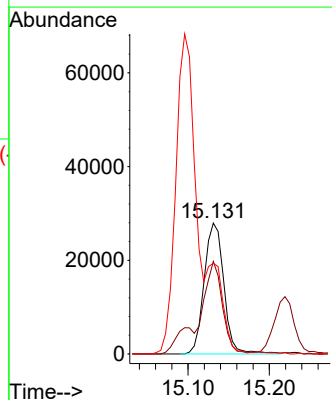
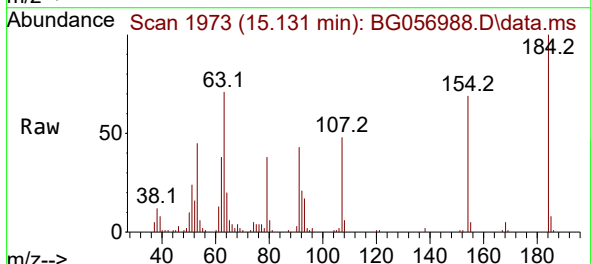
Instrument :
BNA_G
ClientSampleId :
PB151887BS

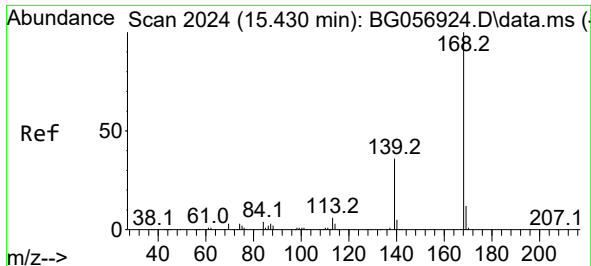
Tgt Ion:138 Resp: 21599
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.2
92 134.0 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 101.850 ng
RT: 15.131 min Scan# 1973
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:184 Resp: 47025
Ion Ratio Lower Upper
184 100
63 70.7 46.5 69.7#
154 69.3 53.5 80.3

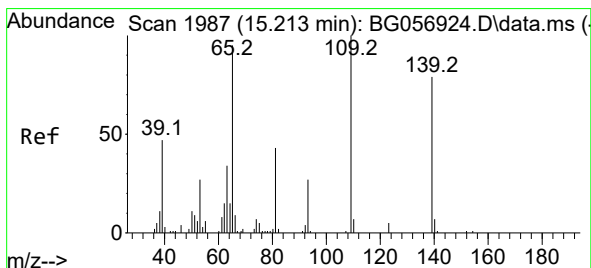
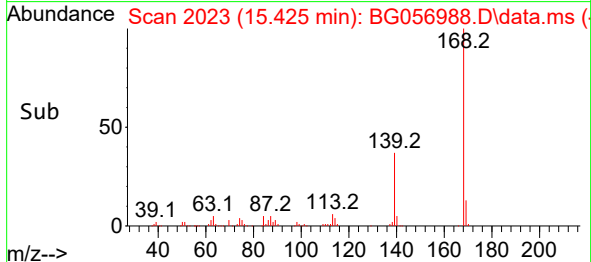
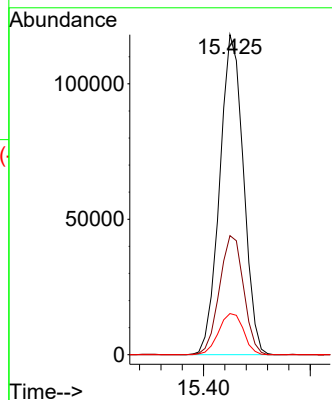
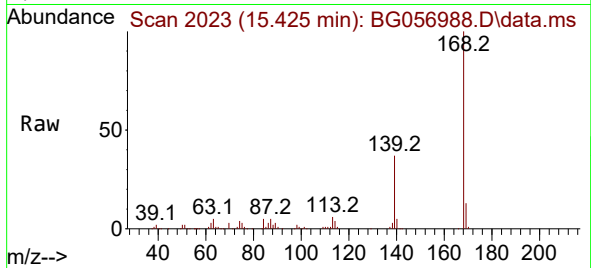




#55
Dibenzenofuran
Concen: 41.152 ng
RT: 15.425 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

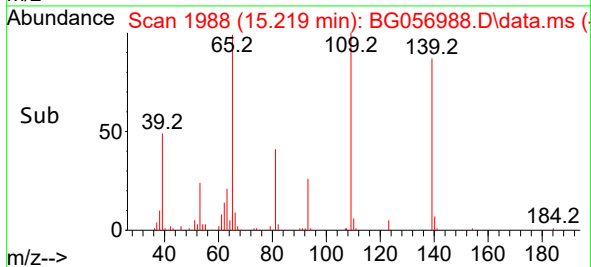
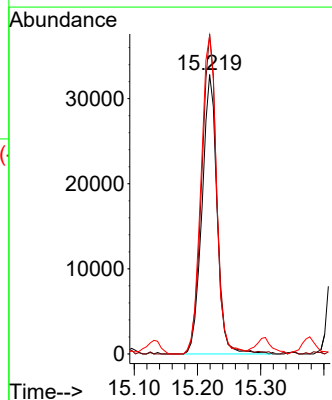
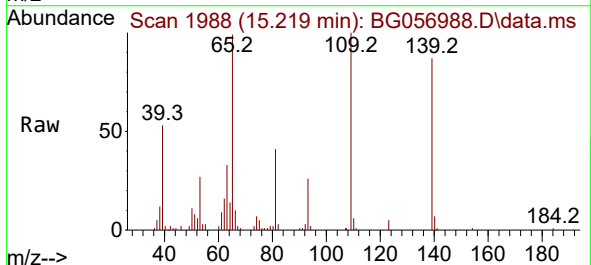
Instrument :
BNA_G
ClientSampleId :
PB151887BS

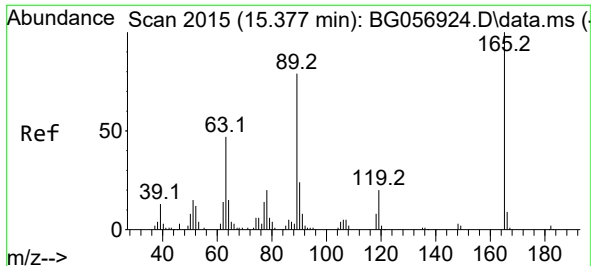
Tgt Ion:168 Resp: 182582
Ion Ratio Lower Upper
168 100
139 37.2 28.9 43.3
169 12.8 9.8 14.6



#56
4-Nitrophenol
Concen: 90.159 ng
RT: 15.219 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:139 Resp: 54131
Ion Ratio Lower Upper
139 100
109 114.6 106.7 146.7
65 113.8 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 42.461 ng

RT: 15.378 min Scan# 20

Delta R.T. 0.003 min

Lab File: BG056988.D

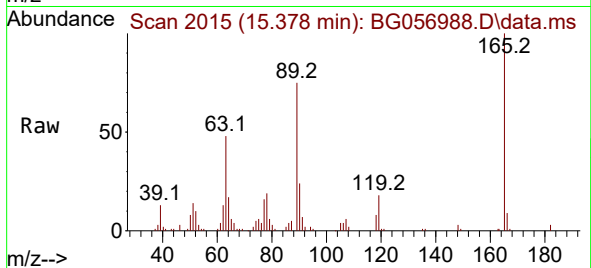
Acq: 5 Apr 2023 12:46

Instrument :

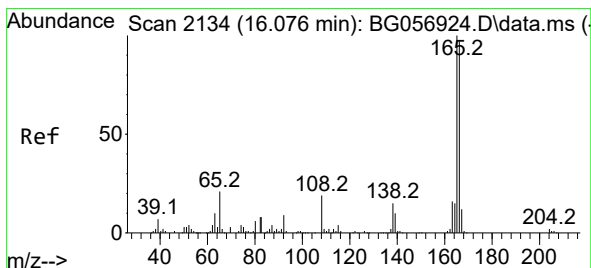
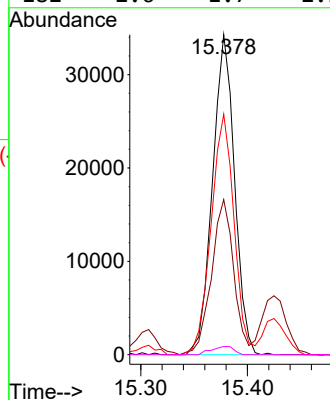
BNA_G

ClientSampleId :

PB151887BS



Tgt Ion:	165	Resp:	49124
Ion Ratio	Lower	Upper	
165	100		
63	48.4	37.7	56.5
89	75.2	63.2	94.8
182	2.6	1.7	2.5



#58

Fluorene

Concen: 41.807 ng

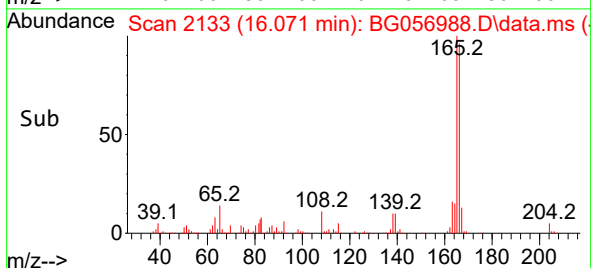
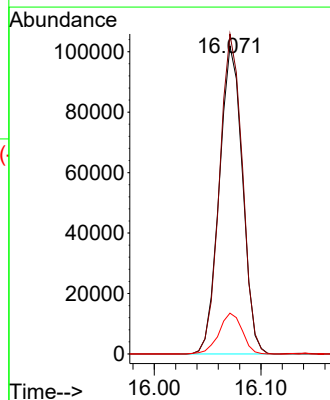
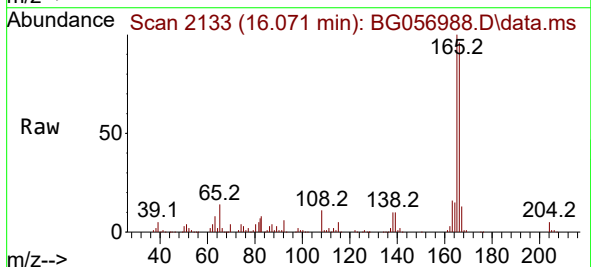
RT: 16.071 min Scan# 2133

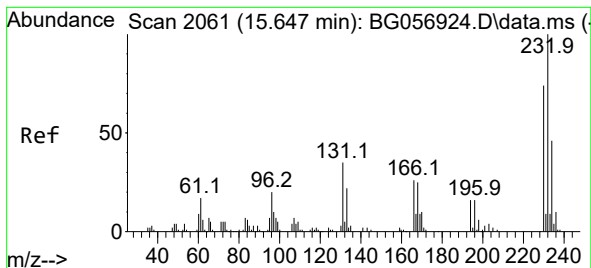
Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Tgt Ion:	166	Resp:	153486
Ion Ratio	Lower	Upper	
166	100		
165	103.9	82.6	123.8
167	13.3	10.2	15.2

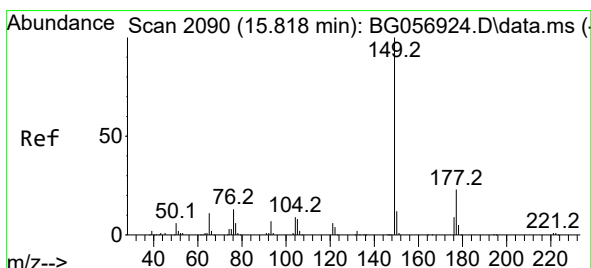
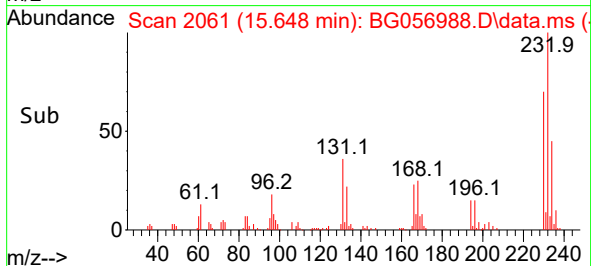
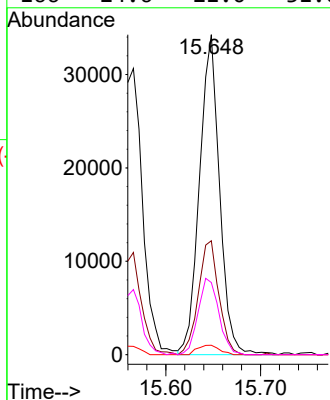
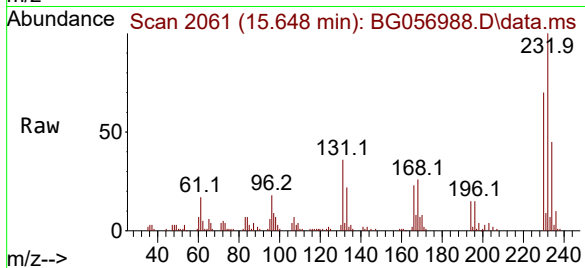




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.896 ng
RT: 15.648 min Scan# 2061
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

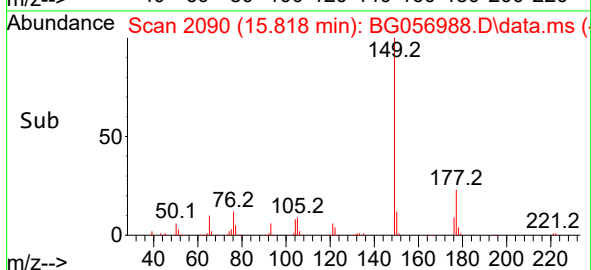
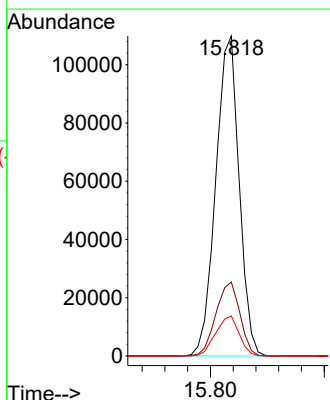
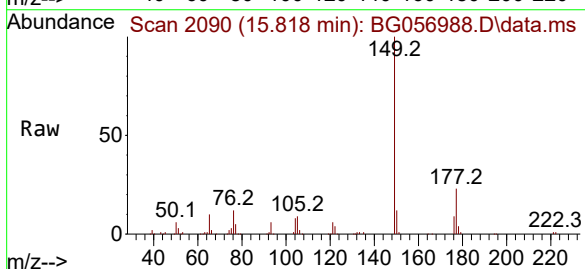
Instrument :
BNA_G
ClientSampleId :
PB151887BS

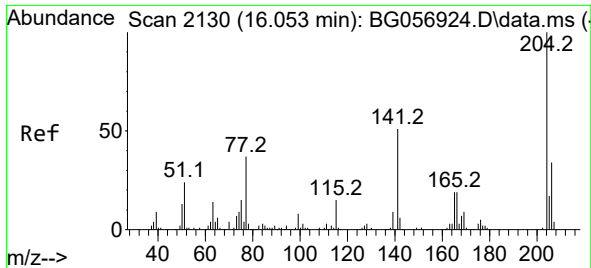
Tgt Ion:232 Resp: 50484
Ion Ratio Lower Upper
232 100
131 36.3 29.3 43.9
130 3.3 1.7 2.5#
166 24.6 21.0 31.6



#60
Diethylphthalate
Concen: 41.145 ng
RT: 15.818 min Scan# 2090
Delta R.T. 0.009 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:149 Resp: 156600
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.5 9.4 14.2

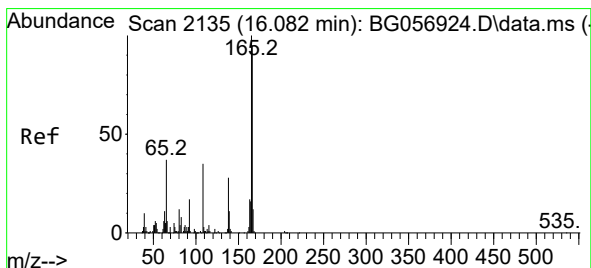
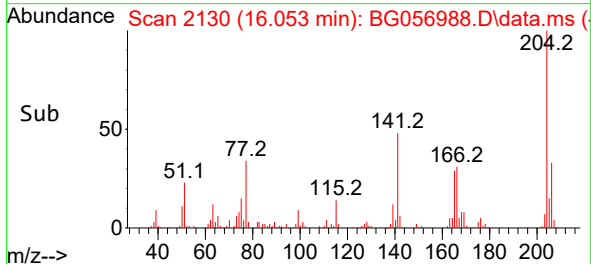
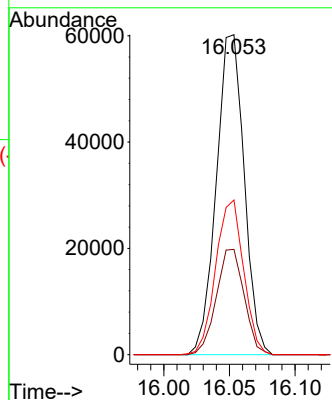
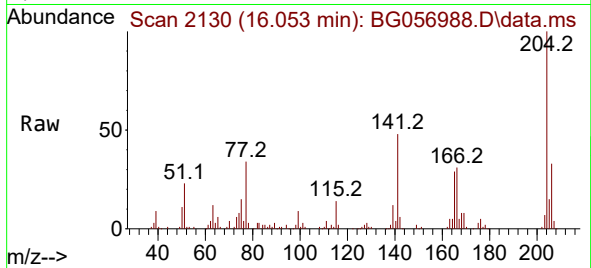




#61
4-Chlorophenyl-phenylether
Concen: 41.227 ng
RT: 16.053 min Scan# 2130
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

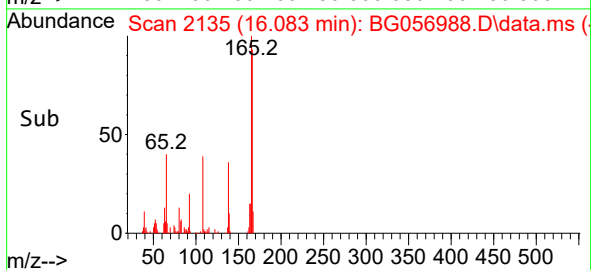
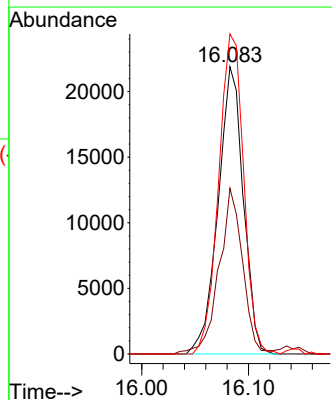
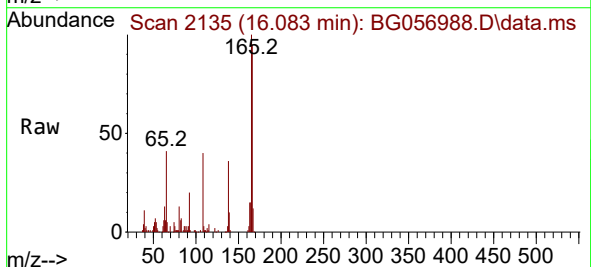
Instrument :
BNA_G
ClientSampleId :
PB151887BS

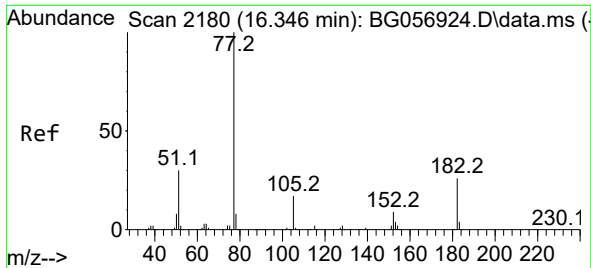
Tgt Ion:204 Resp: 88866
Ion Ratio Lower Upper
204 100
206 32.9 27.2 40.8
141 48.3 40.7 61.1



#62
4-Nitroaniline
Concen: 42.719 ng
RT: 16.083 min Scan# 2135
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:138 Resp: 35936
Ion Ratio Lower Upper
138 100
92 57.6 40.9 80.9
108 111.4 104.3 144.3

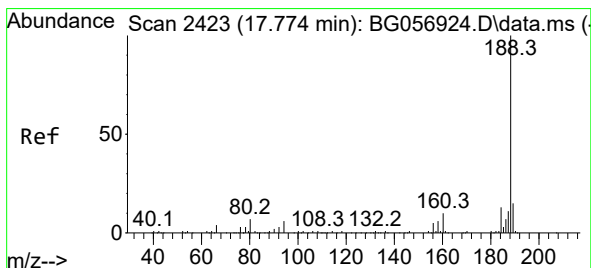
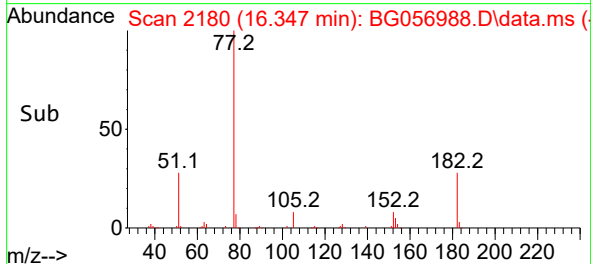
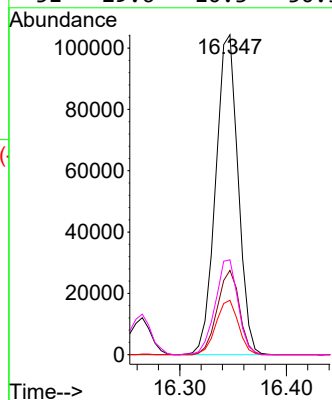
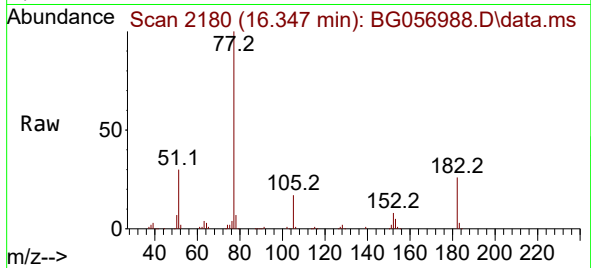




#63
Azobenzene
Concen: 40.168 ng
RT: 16.347 min Scan# 2180
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

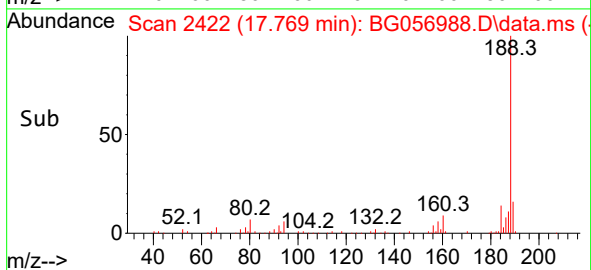
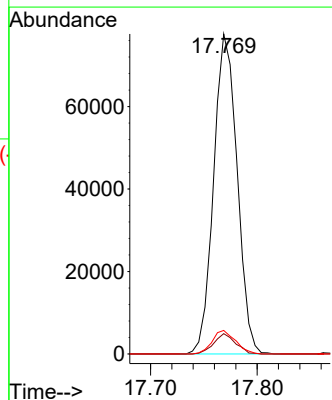
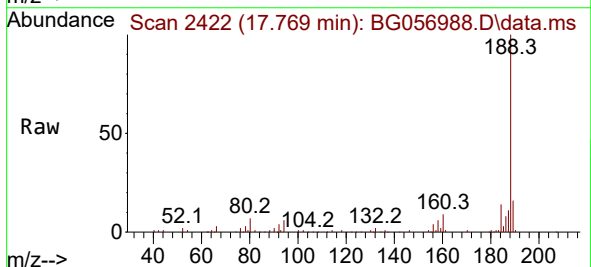
Instrument :
BNA_G
ClientSampleId :
PB151887BS

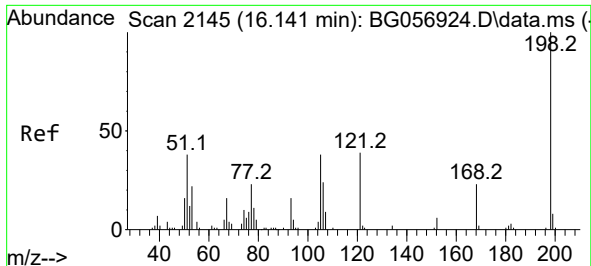
Tgt Ion: 77 Resp: 152358
Ion Ratio Lower Upper
77 100
182 26.4 5.9 45.9
105 17.0 0.0 36.8
51 29.6 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.769 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:188 Resp: 118569
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 7.4 5.5 8.3

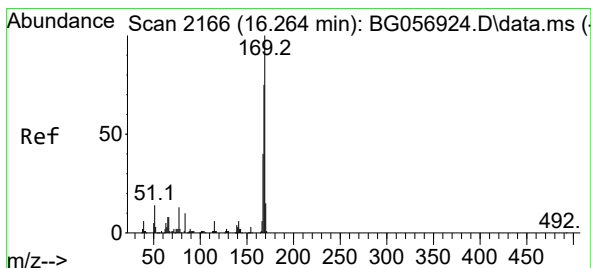
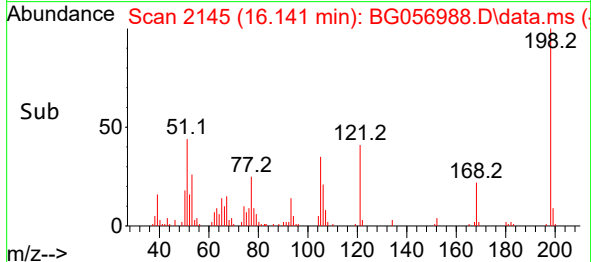
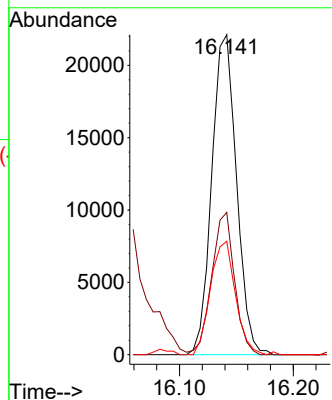
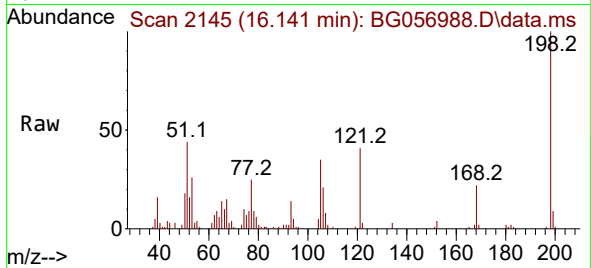




#65
4,6-Dinitro-2-methylphenol
Concen: 46.545 ng
RT: 16.141 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

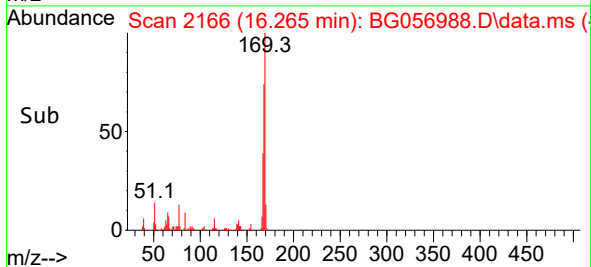
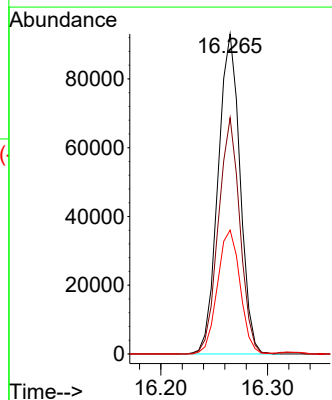
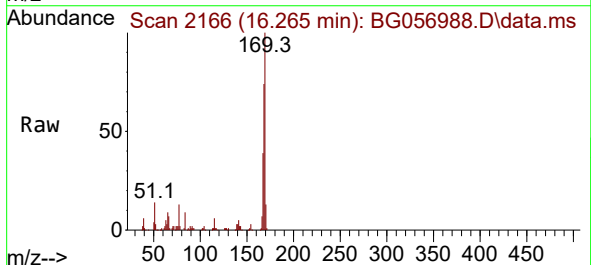
Instrument :
BNA_G
ClientSampleId :
PB151887BS

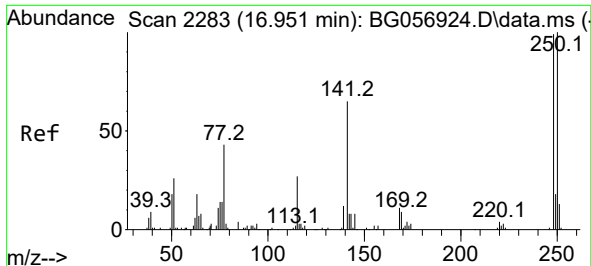
Tgt Ion:198 Resp: 33424
Ion Ratio Lower Upper
198 100
51 44.5 20.5 60.5
105 35.5 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 41.745 ng
RT: 16.265 min Scan# 2166
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:169 Resp: 132869
Ion Ratio Lower Upper
169 100
168 73.8 59.6 89.4
167 38.7 31.8 47.8



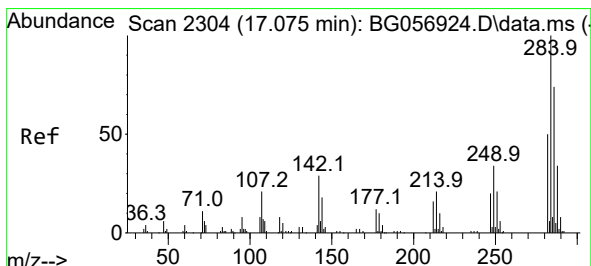
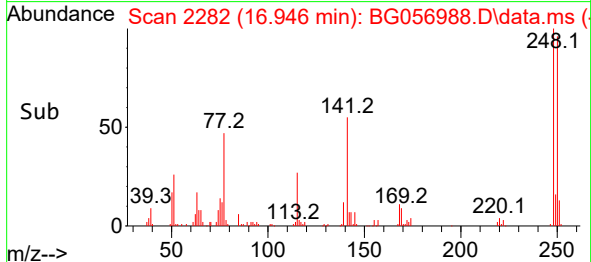
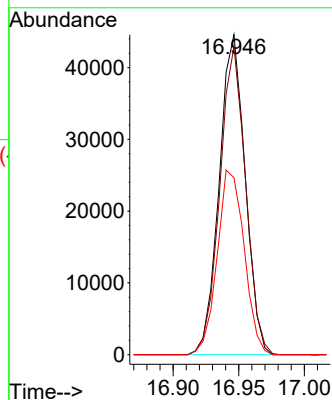
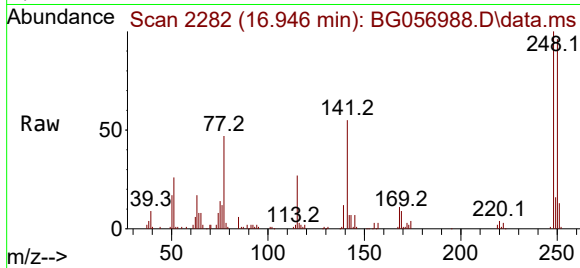


#67
 4-Bromophenyl-phenylether
 Concen: 41.720 ng
 RT: 16.946 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB151887BS

Tgt Ion:248 Resp: 61207

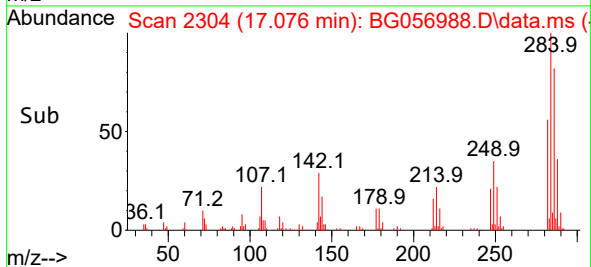
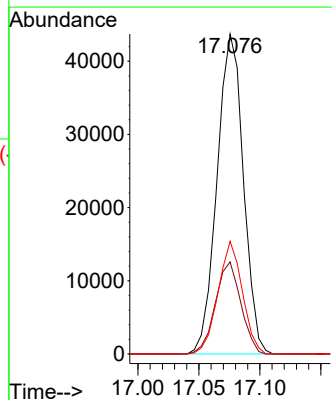
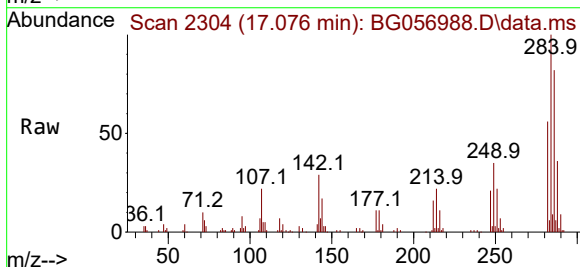
Ion	Ratio	Lower	Upper
248	100		
250	96.3	80.5	120.7
141	55.3	52.0	78.0

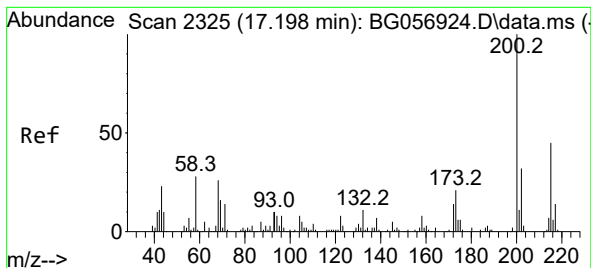


#68
 Hexachlorobenzene
 Concen: 45.227 ng
 RT: 17.076 min Scan# 2304
 Delta R.T. -0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

Tgt Ion:284 Resp: 65599

Ion	Ratio	Lower	Upper
284	100		
142	28.7	23.0	34.4
249	35.2	27.1	40.7





#69

Atrazine

Concen: 44.225 ng

RT: 17.199 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

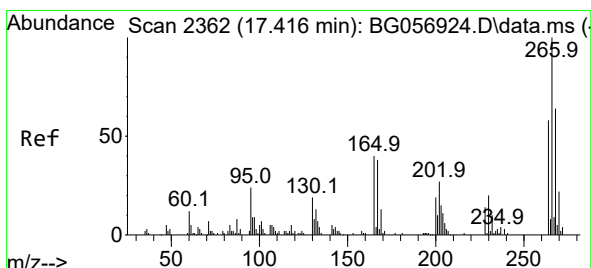
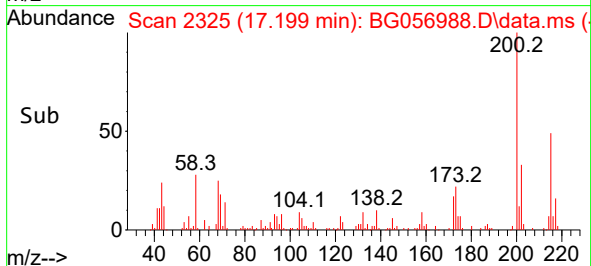
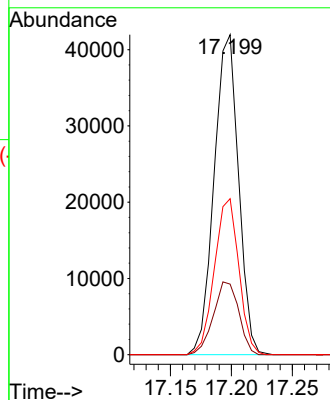
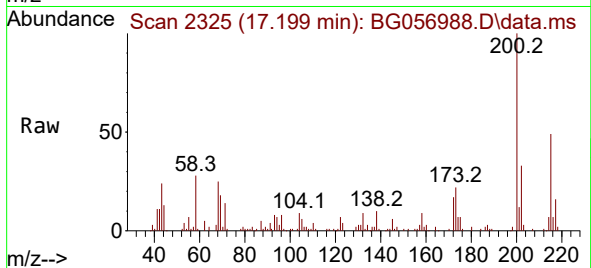
Tgt Ion:200 Resp: 58431

Ion Ratio Lower Upper

200 100

173 22.1 1.0 41.0

215 48.7 25.0 65.0



#70

Pentachlorophenol

Concen: 76.001 ng

RT: 17.416 min Scan# 2362

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

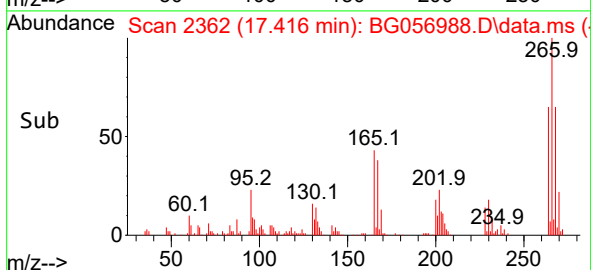
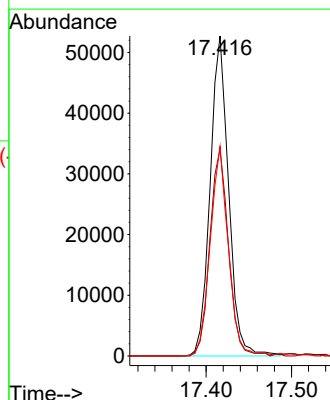
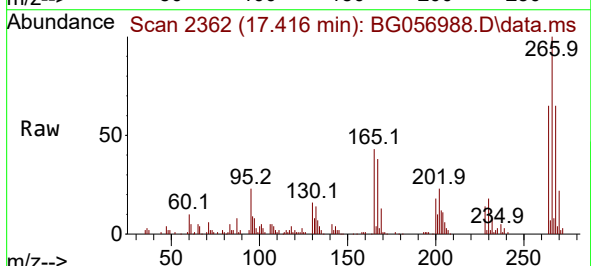
Tgt Ion:266 Resp: 79084

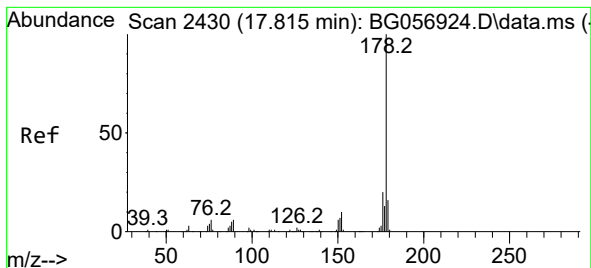
Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.6

264 65.5 46.8 70.2





#71

Phenanthrene

Concen: 42.038 ng

RT: 17.816 min Scan# 2430

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

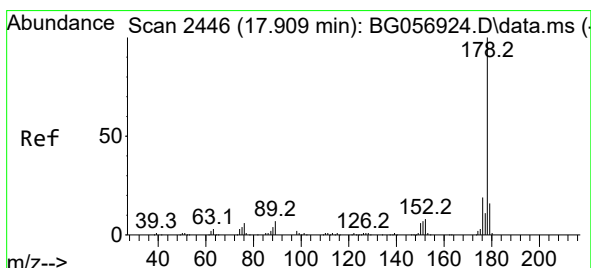
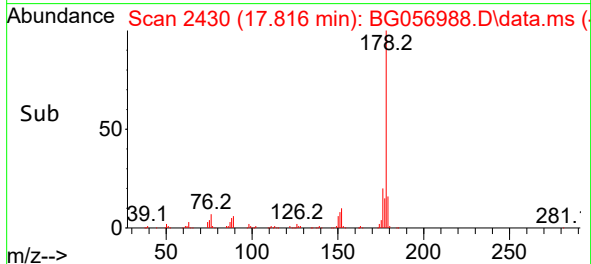
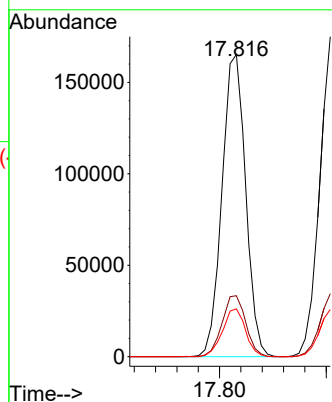
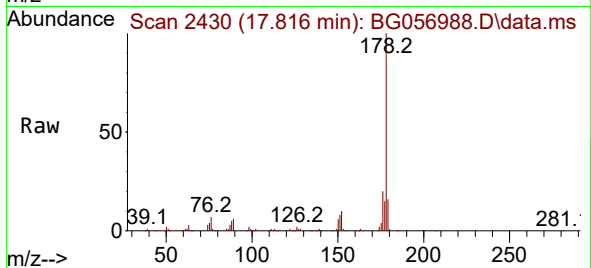
Tgt Ion:178 Resp: 254125

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

179 15.8 12.5 18.7



#72

Anthracene

Concen: 41.726 ng

RT: 17.904 min Scan# 2445

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

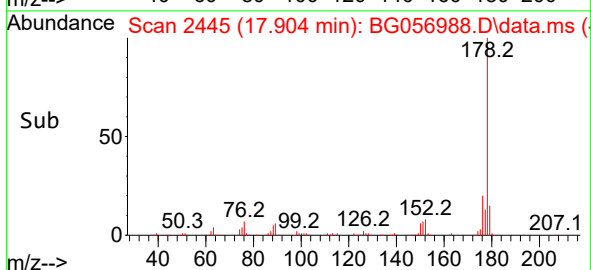
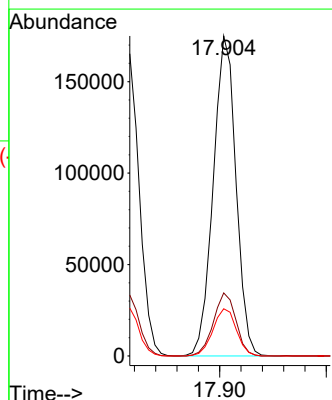
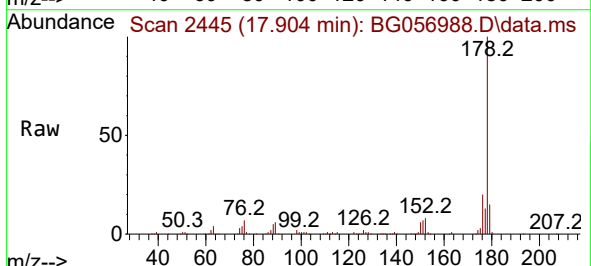
Tgt Ion:178 Resp: 258582

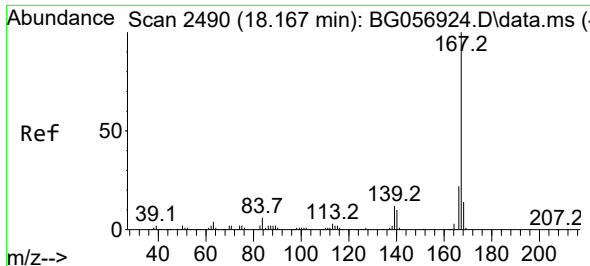
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 14.8 12.4 18.6

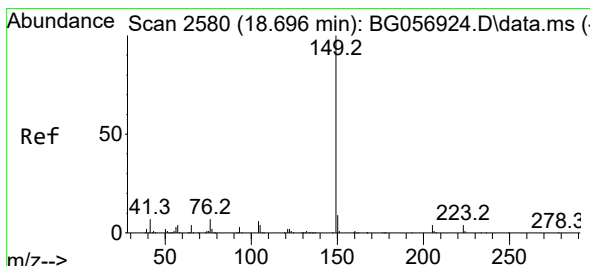
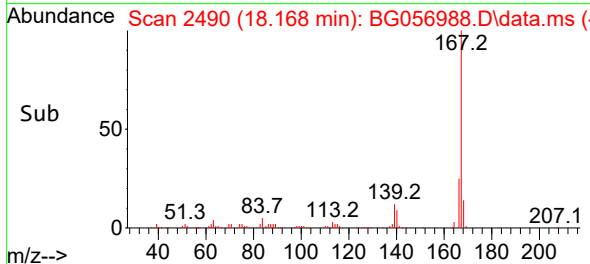
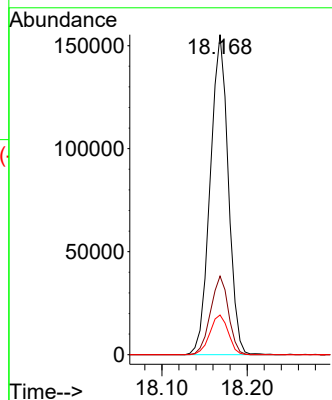
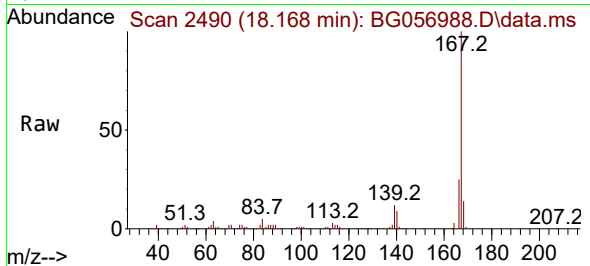




#73
 Carbazole
 Concen: 42.195 ng
 RT: 18.168 min Scan# 2490
 Delta R.T. 0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

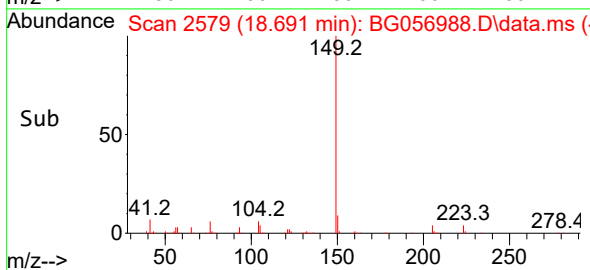
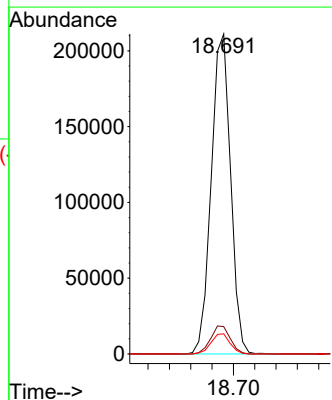
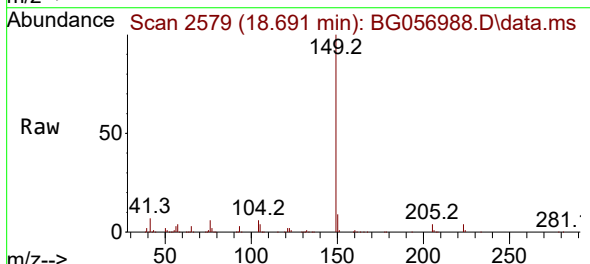
Instrument :
 BNA_G
 ClientSampleId :
 PB151887BS

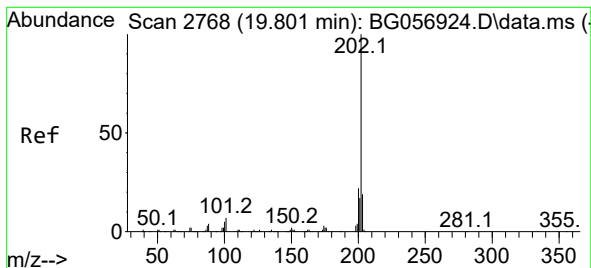
Tgt Ion:167 Resp: 227986
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.9 26.9
 139 12.4 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 42.387 ng
 RT: 18.691 min Scan# 2579
 Delta R.T. 0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

Tgt Ion:149 Resp: 265202
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 6.3 4.9 7.3





#75

Fluoranthene

Concen: 38.890 ng

RT: 19.801 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

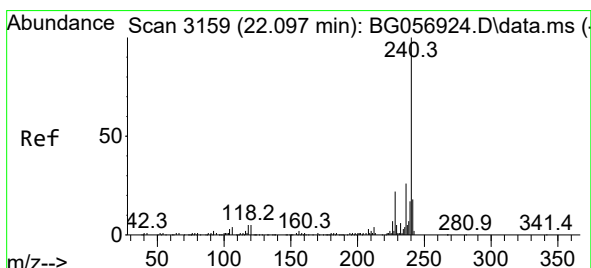
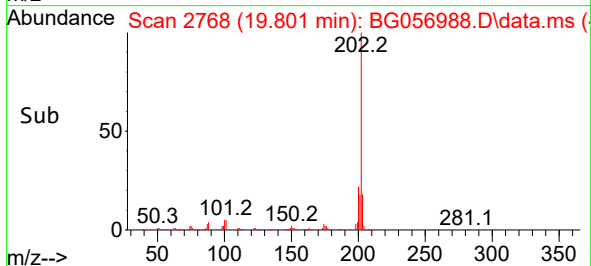
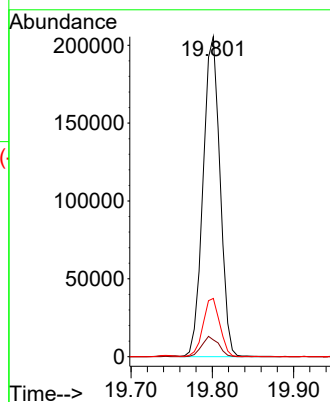
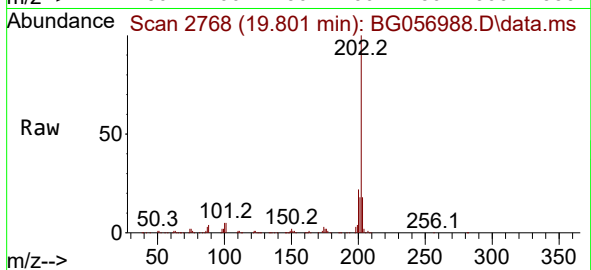
Tgt Ion:202 Resp: 298021

Ion Ratio Lower Upper

202 100

101 5.3 0.0 26.7

203 18.2 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.092 min Scan# 3158

Delta R.T. -0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

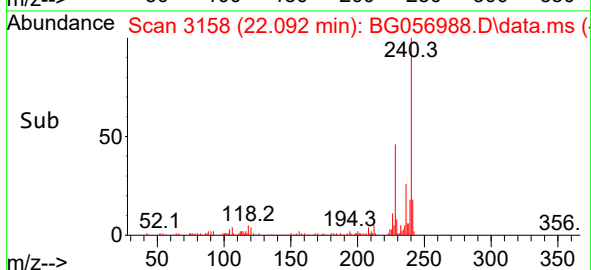
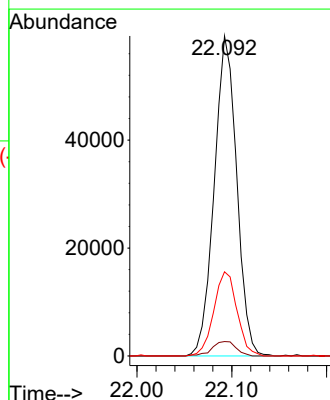
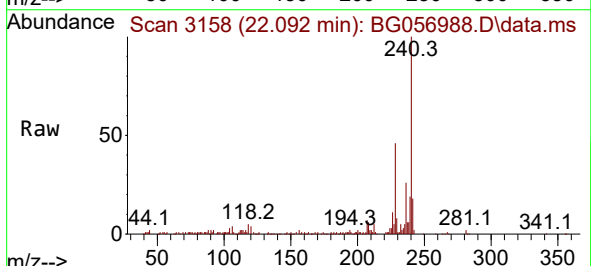
Tgt Ion:240 Resp: 97629

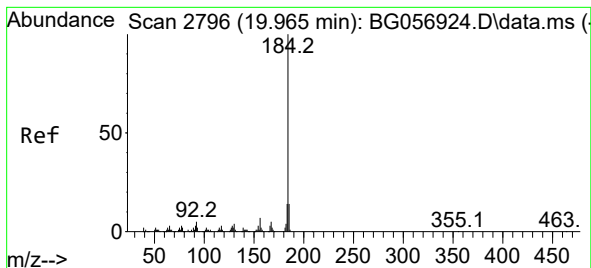
Ion Ratio Lower Upper

240 100

120 4.5 3.8 5.6

236 26.3 21.0 31.6





#77

Benzidine

Concen: 57.178 ng

RT: 19.960 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

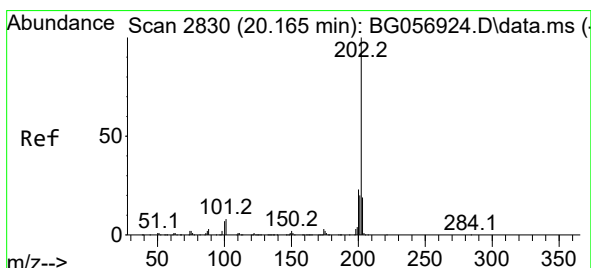
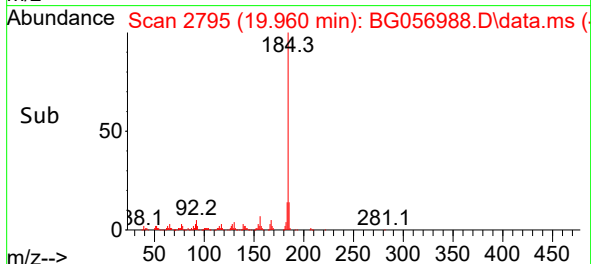
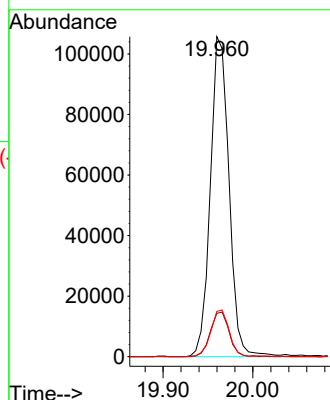
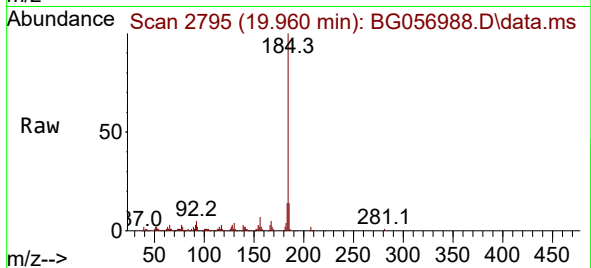
Tgt Ion:184 Resp: 152580

Ion Ratio Lower Upper

184 100

185 13.5 11.0 16.4

183 14.2 11.4 17.0



#78

Pyrene

Concen: 44.045 ng

RT: 20.160 min Scan# 2829

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

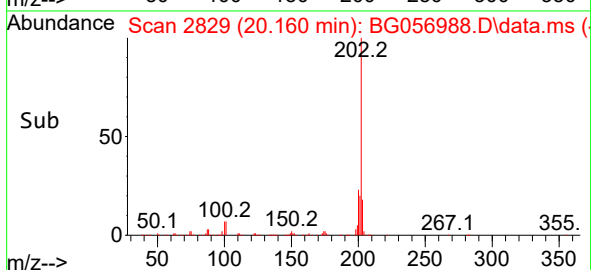
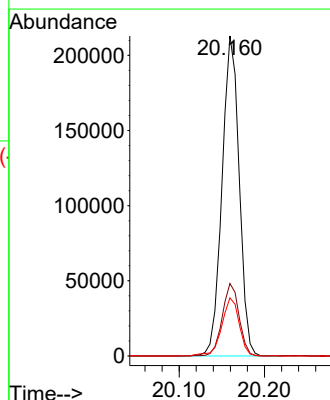
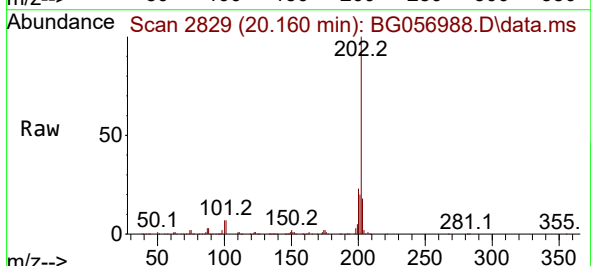
Tgt Ion:202 Resp: 297417

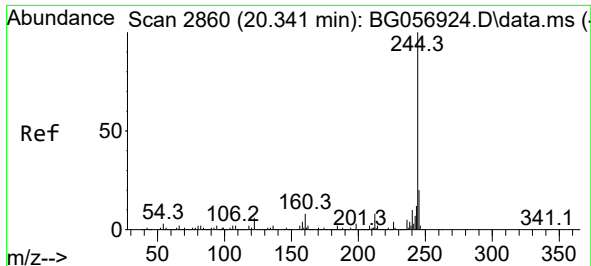
Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

203 18.1 15.4 23.2

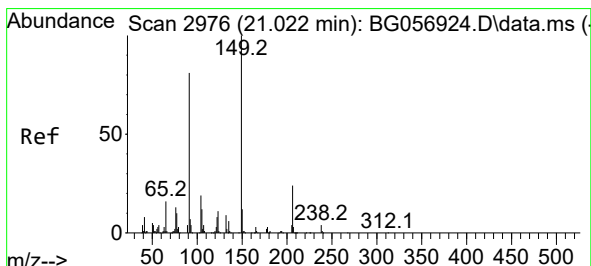
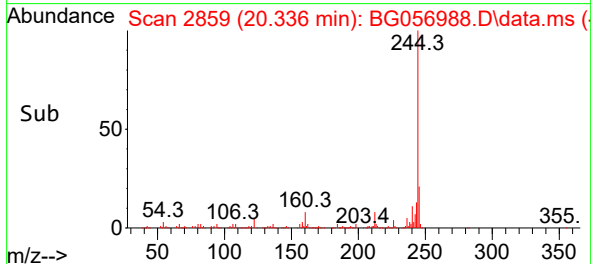
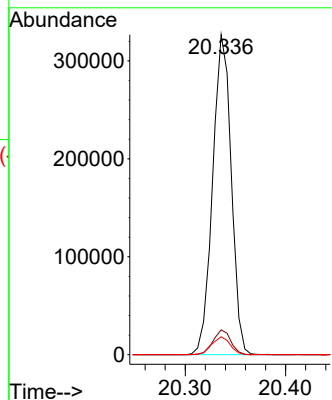
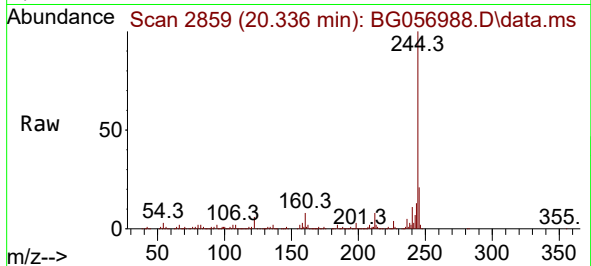




#79
 Terphenyl-d14
 Concen: 72.863 ng
 RT: 20.336 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

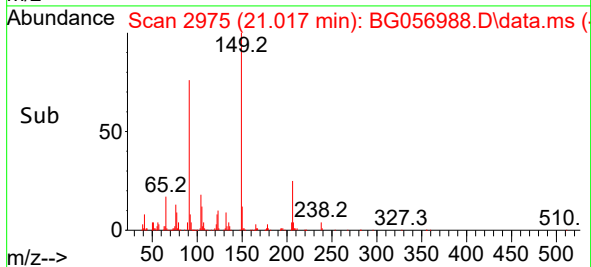
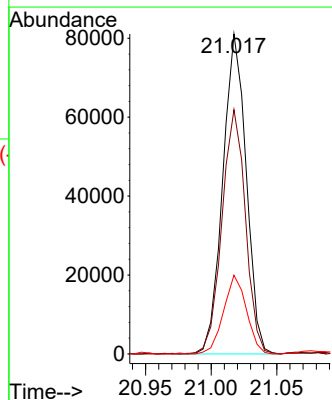
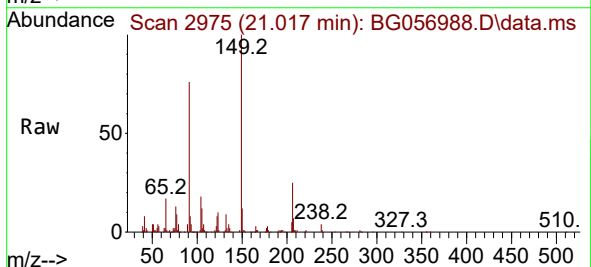
Instrument :
 BNA_G
 ClientSampleId :
 PB151887BS

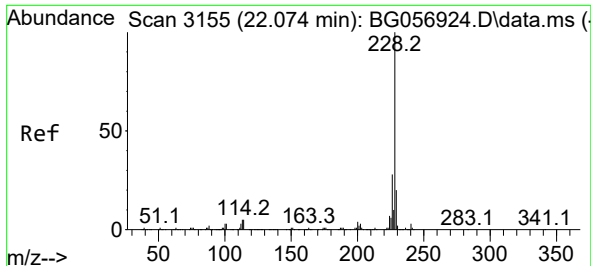
Tgt Ion:244 Resp: 420384
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 5.6 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 43.278 ng
 RT: 21.017 min Scan# 2975
 Delta R.T. 0.003 min
 Lab File: BG056988.D
 Acq: 5 Apr 2023 12:46

Tgt Ion:149 Resp: 100564
 Ion Ratio Lower Upper
 149 100
 91 76.3 64.4 96.6
 206 24.6 18.9 28.3

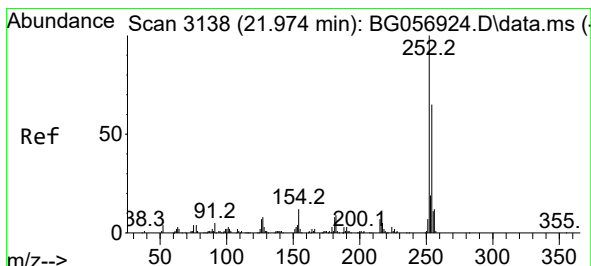
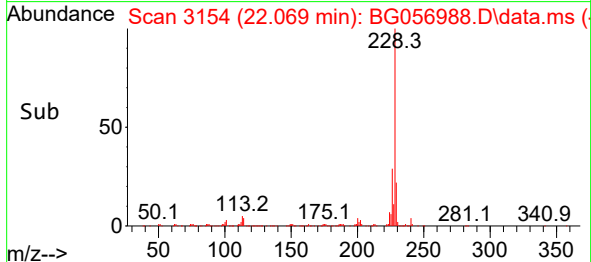
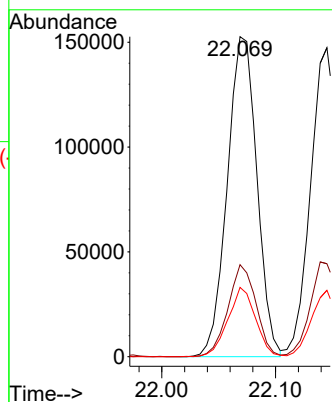
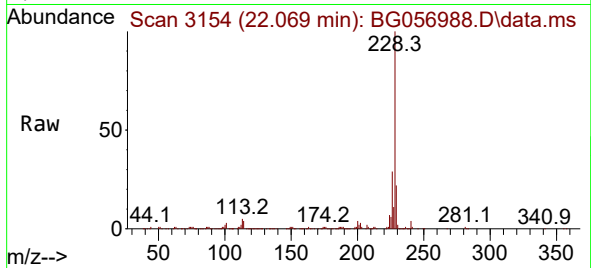




#81
Benzo(a)anthracene
Concen: 40.912 ng
RT: 22.069 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

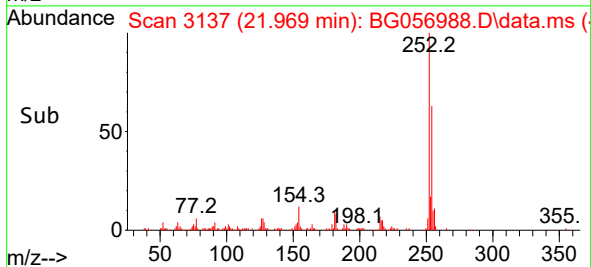
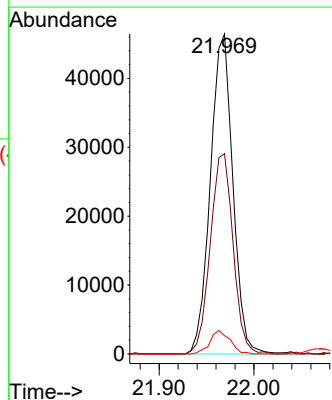
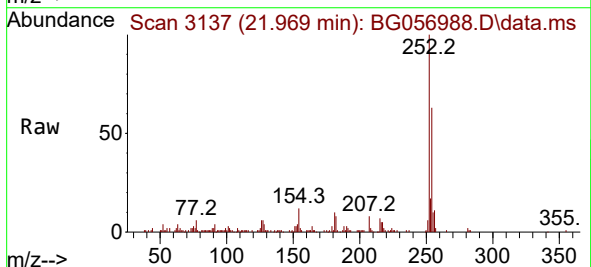
Instrument :
BNA_G
ClientSampleId :
PB151887BS

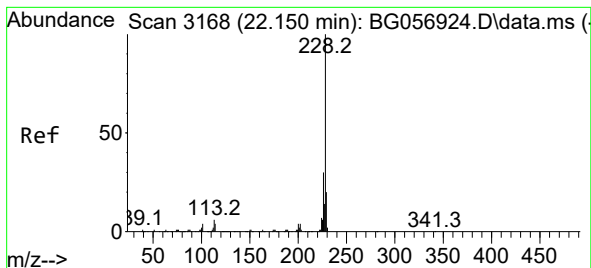
Tgt Ion:228 Resp: 276397
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 21.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 33.511 ng
RT: 21.969 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:252 Resp: 76449
Ion Ratio Lower Upper
252 100
254 62.6 51.7 77.5
126 5.7 5.6 8.4





#83

Chrysene

Concen: 40.487 ng

RT: 22.145 min Scan# 3167

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

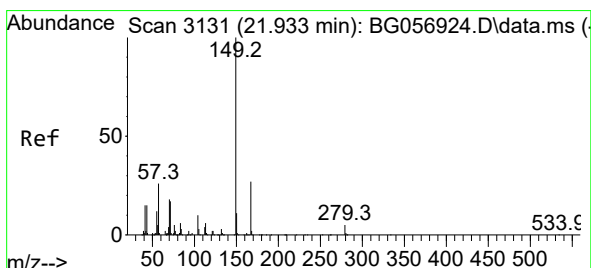
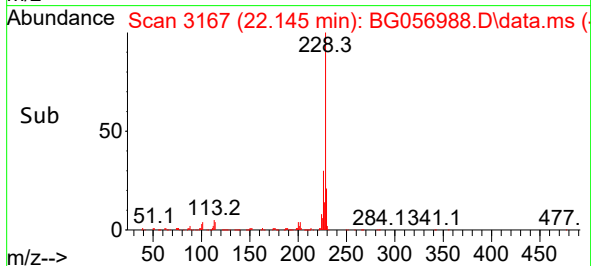
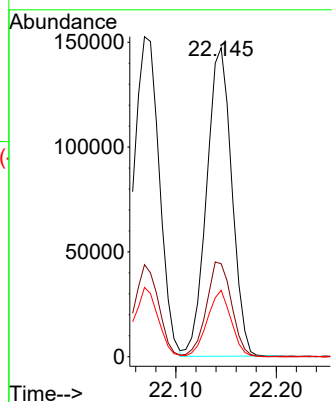
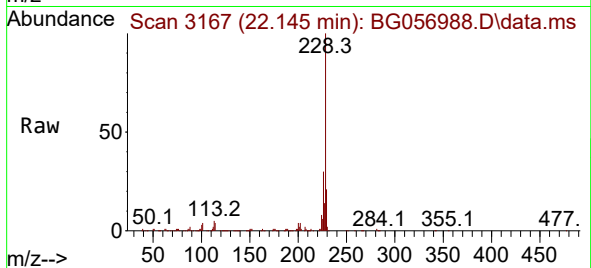
Tgt Ion:228 Resp: 256105

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 21.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.629 ng

RT: 21.922 min Scan# 3129

Delta R.T. -0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

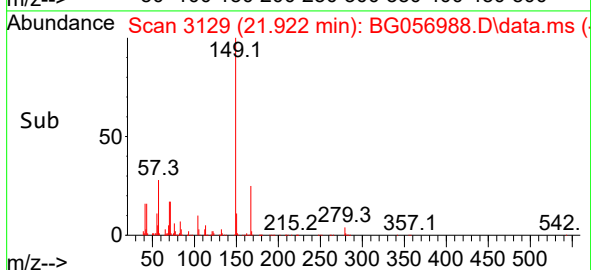
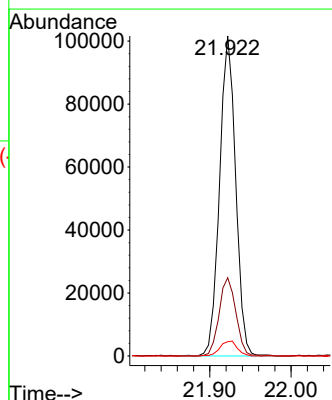
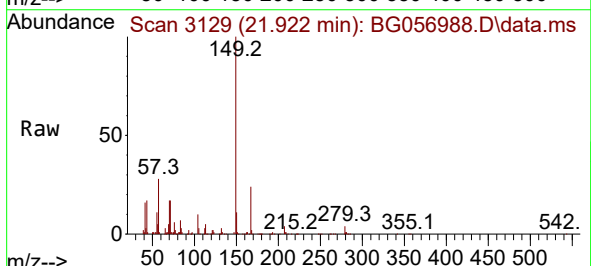
Tgt Ion:149 Resp: 140072

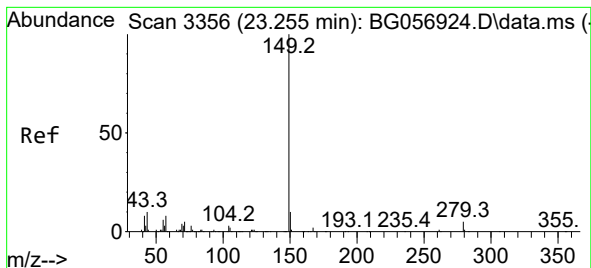
Ion Ratio Lower Upper

149 100

167 24.5 21.4 32.2

279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 41.611 ng

RT: 23.238 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

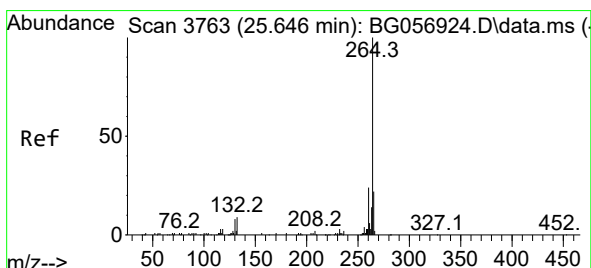
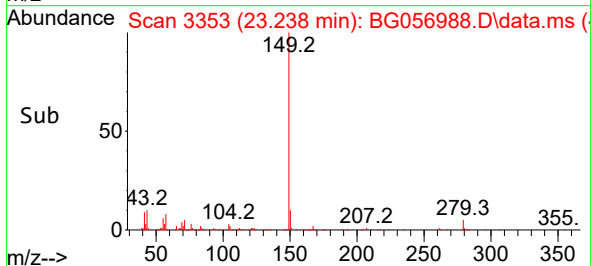
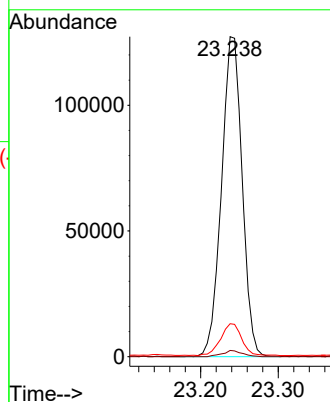
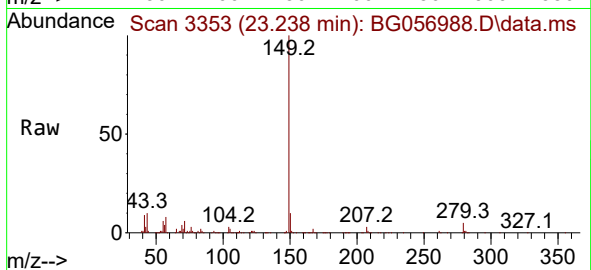
Tgt Ion:149 Resp: 235943

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.640 min Scan# 3762

Delta R.T. 0.009 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

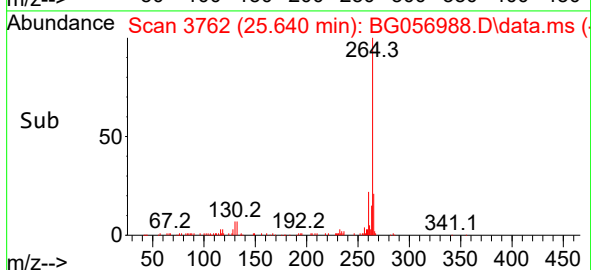
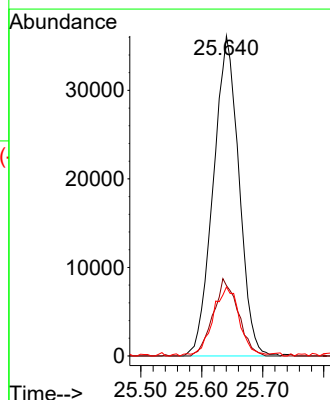
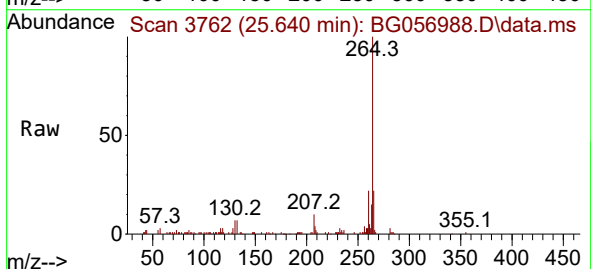
Tgt Ion:264 Resp: 105668

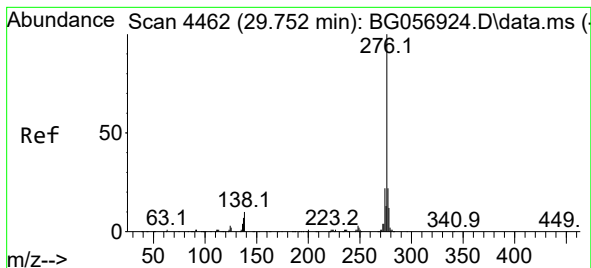
Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.4

265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.418 ng

RT: 29.752 min Scan# 4462

Delta R.T. 0.015 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

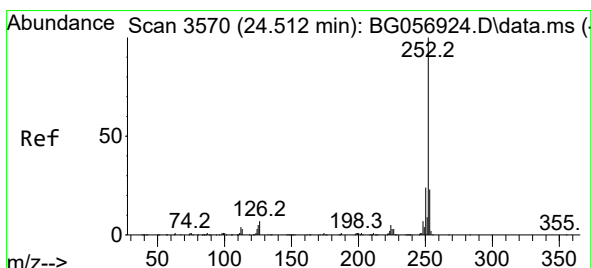
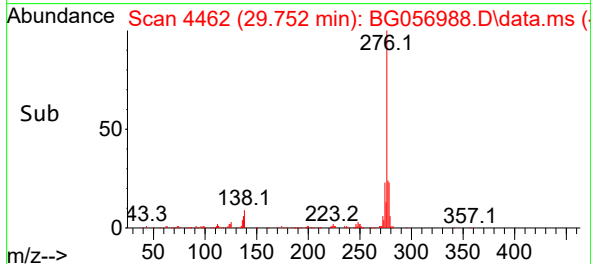
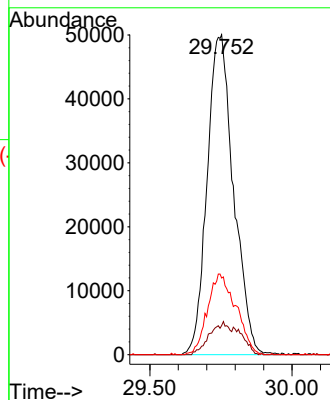
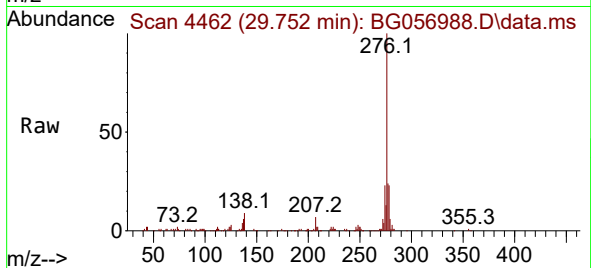
Tgt Ion:276 Resp: 323445

Ion Ratio Lower Upper

276 100

138 7.8 7.7 11.5

277 27.1 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 43.006 ng

RT: 24.507 min Scan# 3569

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

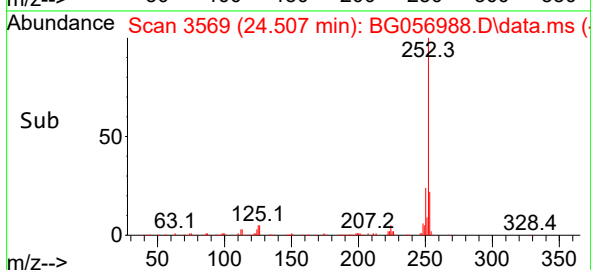
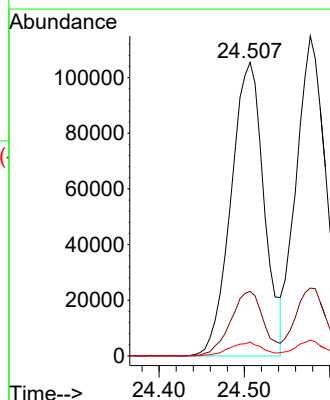
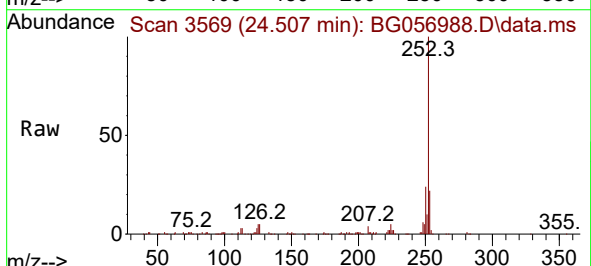
Tgt Ion:252 Resp: 284174

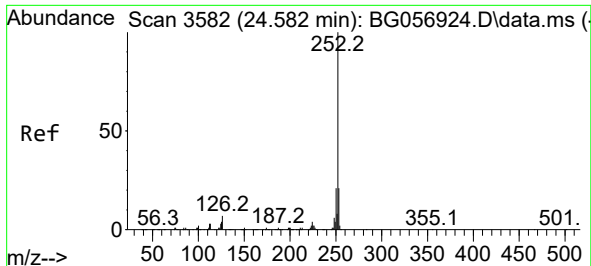
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 4.7 4.2 6.4

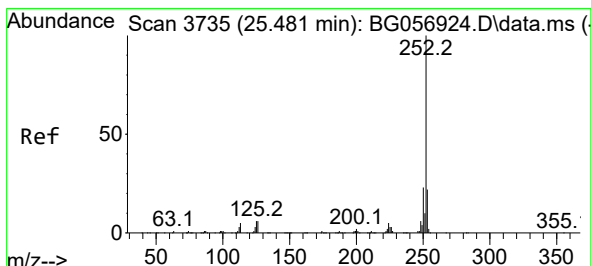
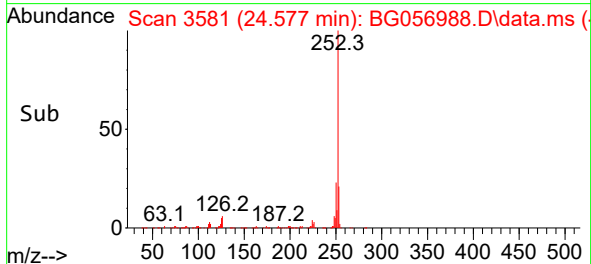
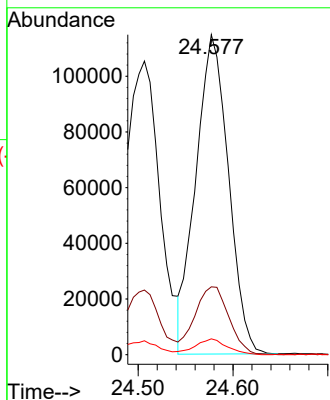
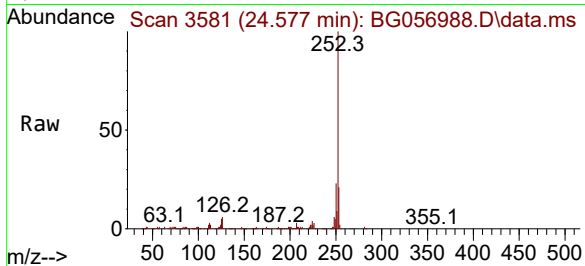




#89
Benzo(k)fluoranthene
Concen: 41.576 ng
RT: 24.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

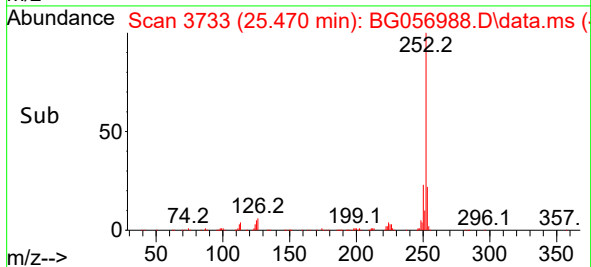
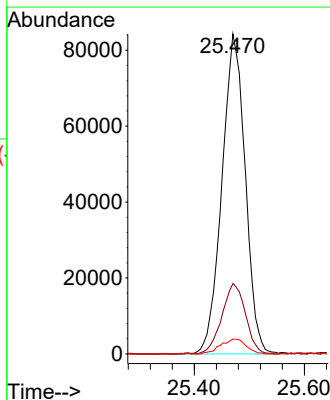
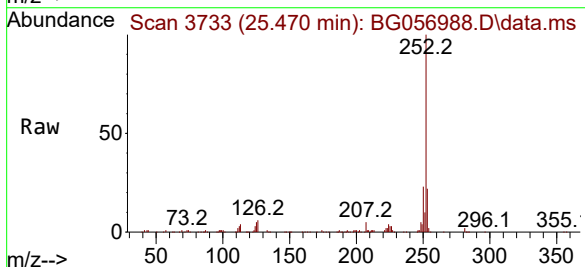
Instrument :
BNA_G
ClientSampleId :
PB151887BS

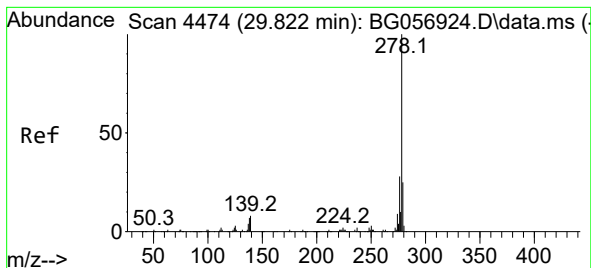
Tgt Ion:252 Resp: 274263
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 5.0 3.8 5.6



#90
Benzo(a)pyrene
Concen: 38.181 ng
RT: 25.470 min Scan# 3733
Delta R.T. 0.003 min
Lab File: BG056988.D
Acq: 5 Apr 2023 12:46

Tgt Ion:252 Resp: 247917
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 4.7 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 42.781 ng

RT: 29.811 min Scan# 4474

Delta R.T. 0.003 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Instrument :

BNA_G

ClientSampleId :

PB151887BS

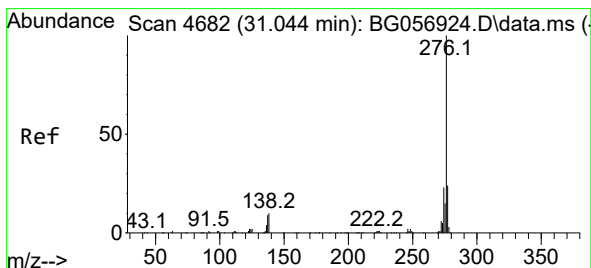
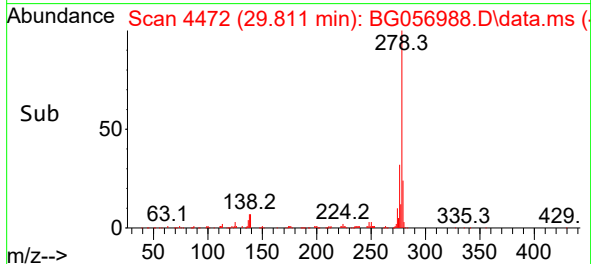
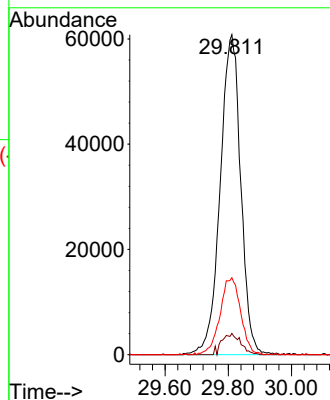
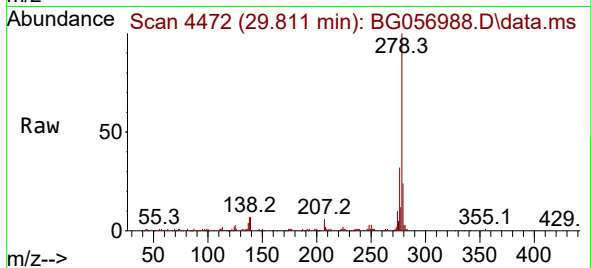
Tgt Ion:278 Resp: 274621

Ion Ratio Lower Upper

278 100

139 6.6 6.4 9.6

279 24.1 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 41.362 ng

RT: 31.039 min Scan# 4681

Delta R.T. 0.009 min

Lab File: BG056988.D

Acq: 5 Apr 2023 12:46

Tgt Ion:276 Resp: 259982

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 9.4 8.2 12.2

