

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056987.D
 Acq On : 5 Apr 2023 12:04
 Operator : CG/JU
 Sample : PB151898BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151898BSD

Quant Time: Apr 06 05:07:02 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	8.420	152	12043	20.000	ng	0.00
21) Naphthalene-d8	11.263	136	53975	20.000	ng	# 0.00
39) Acenaphthene-d10	15.034	164	45790	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	116691	20.000	ng	0.00
76) Chrysene-d12	22.095	240	92034	20.000	ng	0.00
86) Perylene-d12	25.643	264	99133	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.929	112	117294	155.877	ng	0.00
7) Phenol-d6	7.550	99	176426	156.764	ng	0.00
23) Nitrobenzene-d5	9.594	82	116377	88.224	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	107608	147.104	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	292517	86.625	ng	0.00
79) Terphenyl-d14	20.339	244	561728	103.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.732	88	8893	26.960	ng	# 88
3) Pyridine	4.149	79	31880	30.006	ng	95
4) n-Nitrosodimethylamine	4.055	42	19387	39.689	ng	93
6) Aniline	7.726	93	58082	40.370	ng	98
8) 2-Chlorophenol	7.979	128	41666	55.591	ng	91
9) Benzaldehyde	7.538	77	28261	40.036	ng	93
10) Phenol	7.580	94	60115	53.908	ng	99
11) bis(2-Chloroethyl)ether	7.814	93	38286	48.198	ng	97
12) 1,3-Dichlorobenzene	8.308	146	39552	47.758	ng	97
13) 1,4-Dichlorobenzene	8.455	146	41343	49.462	ng	94
14) 1,2-Dichlorobenzene	8.455	146	41343	51.197	ng	93
15) Benzyl Alcohol	8.649	79	48451	51.812	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.937	45	45736	47.775	ng	97
17) 2-Methylphenol	8.848	107	41720	52.439	ng	# 86
18) Hexachloroethane	9.518	117	14201	46.484	ng	# 86
19) n-Nitroso-di-n-propyla...	9.218	70	38327	47.612	ng	99
20) 3+4-Methylphenols	9.177	107	57058	51.288	ng	98
22) Acetophenone	9.248	105	70303	43.773	ng	# 98
24) Nitrobenzene	9.641	77	58738	43.553	ng	97
25) Isophorone	10.158	82	107333	42.729	ng	100
26) 2-Nitrophenol	10.358	139	24395	46.863	ng	93
27) 2,4-Dimethylphenol	10.399	122	43831	47.689	ng	98
28) bis(2-Chloroethoxy)met...	10.634	93	53279	42.366	ng	96
29) 2,4-Dichlorophenol	10.899	162	46272	46.813	ng	96
30) 1,2,4-Trichlorobenzene	11.116	180	47661	45.380	ng	92
31) Naphthalene	11.310	128	131930	44.844	ng	98
32) Benzoic acid	10.528	122	29081	46.062	ng	93
33) 4-Chloroaniline	11.410	127	41928	31.555	ng	97
34) Hexachlorobutadiene	11.586	225	33865	42.925	ng	93
35) Caprolactam	12.209	113	4968	14.574	ng	89
36) 4-Chloro-3-methylphenol	12.496	107	54002	48.853	ng	94
37) 2-Methylnaphthalene	12.884	142	101162	43.325	ng	97
38) 1-Methylnaphthalene	13.101	142	95293	43.463	ng	99
40) 1,2,4,5-Tetrachloroben...	13.248	216	69528	43.787	ng	98
41) Hexachlorocyclopentadiene	13.219	237	95209	108.826	ng	98
43) 2,4,6-Trichlorophenol	13.477	196	45428	44.833	ng	97

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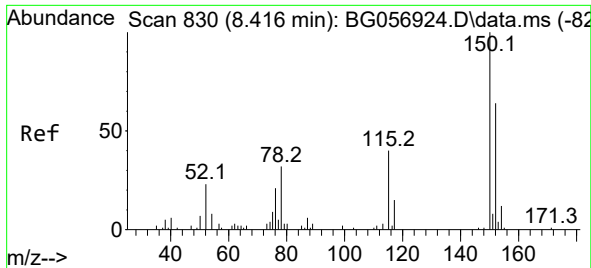
Quant Time: Apr 06 05:07:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	50912	42.413	ng	98
46) 1,1'-Biphenyl	13.871	154	148639	44.344	ng	97
47) 2-Chloronaphthalene	13.924	162	112375	45.329	ng	99
48) 2-Nitroaniline	14.112	65	40618	45.821	ng	94
49) Acenaphthylene	14.758	152	179754	44.131	ng	98
50) Dimethylphthalate	14.470	163	160623	44.519	ng	99
51) 2,6-Dinitrotoluene	14.594	165	35061	44.977	ng	94
52) Acenaphthene	15.099	154	116187	41.360	ng	99
53) 3-Nitroaniline	14.928	138	24328	31.530	ng	96
54) 2,4-Dinitrophenol	15.134	184	48435	110.389	ng	95
55) Dibenzofuran	15.428	168	184798	43.830	ng	98
56) 4-Nitrophenol	15.222	139	57131	100.130	ng	88
57) 2,4-Dinitrotoluene	15.381	165	51394	46.746	ng #	99
58) Fluorene	16.074	166	155948	44.698	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.645	232	49983	45.732	ng #	98
60) Diethylphthalate	15.815	149	166549	46.047	ng	99
61) 4-Chlorophenyl-phenyle...	16.050	204	90702	44.278	ng	94
62) 4-Nitroaniline	16.086	138	36713	45.924	ng	96
63) Azobenzene	16.344	77	157935	43.815	ng	99
65) 4,6-Dinitro-2-methylph...	16.139	198	35266	49.900	ng	98
66) n-Nitrosodiphenylamine	16.262	169	134595	42.967	ng	99
67) 4-Bromophenyl-phenylether	16.949	248	60685	42.030	ng	96
68) Hexachlorobenzene	17.078	284	66298	46.445	ng	98
69) Atrazine	17.196	200	62051	47.720	ng	96
70) Pentachlorophenol	17.413	266	83000	81.048	ng	98
71) Phenanthrene	17.813	178	264148	44.399	ng	99
72) Anthracene	17.907	178	264732	43.406	ng	99
73) Carbazole	18.165	167	233252	43.865	ng	96
74) Di-n-butylphthalate	18.688	149	270770	43.974	ng	100
75) Fluoranthene	19.798	202	303773	40.278	ng	99
77) Benzidine	19.963	184	142542	56.663	ng	98
78) Pyrene	20.162	202	304229	47.793	ng	98
80) Butylbenzylphthalate	21.020	149	102509	46.797	ng	94
81) Benzo(a)anthracene	22.072	228	280585	44.057	ng	100
82) 3,3'-Dichlorobenzidine	21.966	252	82667	38.439	ng	98
83) Chrysene	22.142	228	258177	43.295	ng	97
84) Bis(2-ethylhexyl)phtha...	21.925	149	142722	44.996	ng	95
85) Di-n-octyl phthalate	23.241	149	239686	44.841	ng	98
87) Indeno(1,2,3-cd)pyrene	29.744	276	330207	45.071	ng	98
88) Benzo(b)fluoranthene	24.504	252	289611	46.718	ng	99
89) Benzo(k)fluoranthene	24.580	252	278045	44.928	ng	100
90) Benzo(a)pyrene	25.473	252	250998	41.204	ng	100
91) Dibenzo(a,h)anthracene	29.814	278	278770	46.291	ng	98
92) Benzo(g,h,i)perylene	31.036	276	261901	44.414	ng	99

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

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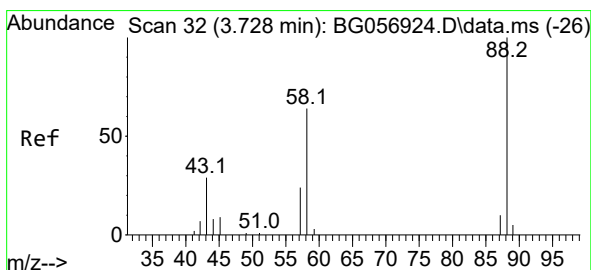
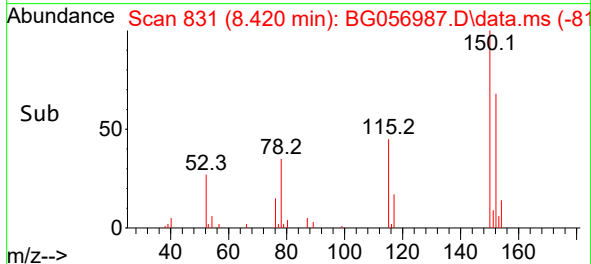
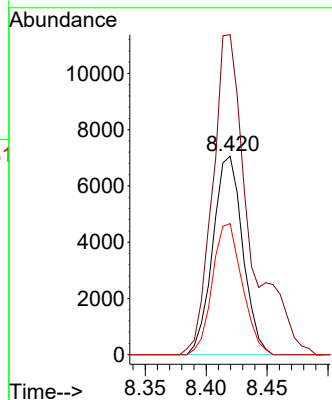
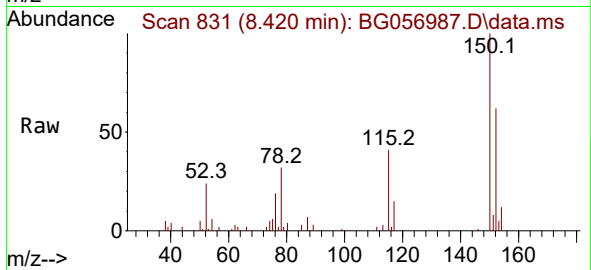




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.420 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

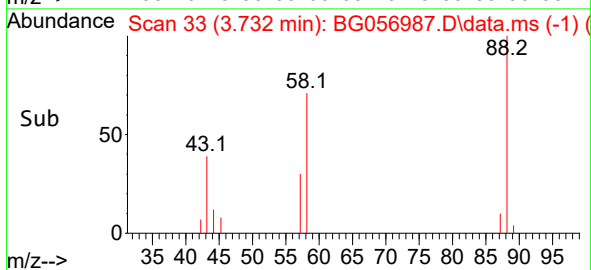
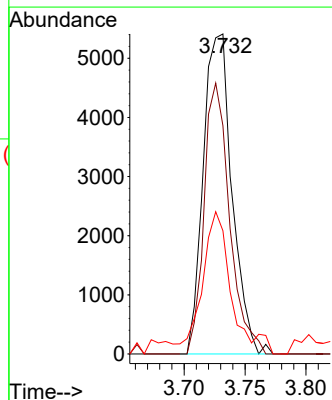
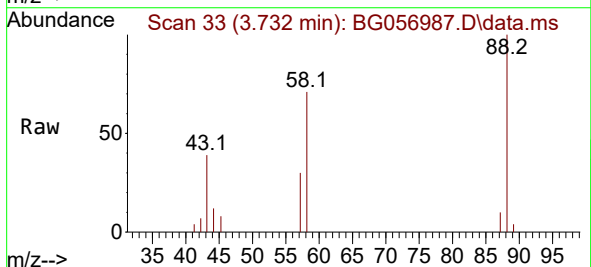
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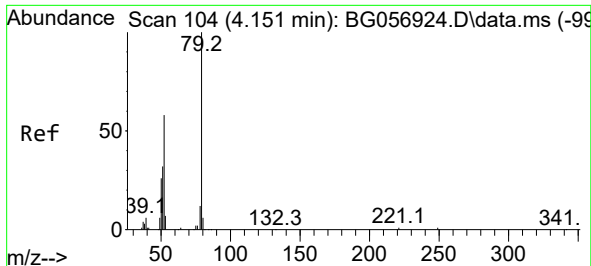
Tgt Ion:152 Resp: 12043
Ion Ratio Lower Upper
152 100
150 161.3 124.1 186.1
115 66.1 49.1 73.7



#2
1,4-Dioxane
Concen: 26.960 ng
RT: 3.732 min Scan# 33
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 88 Resp: 8893
Ion Ratio Lower Upper
88 100
58 75.2 55.9 83.9
43 44.8 25.7 38.5#

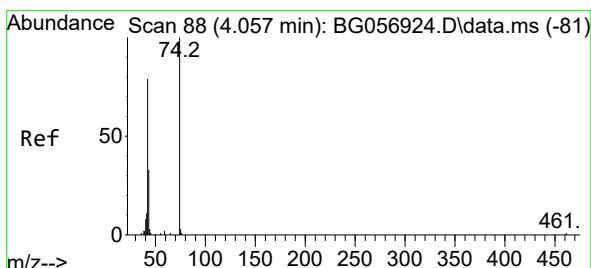
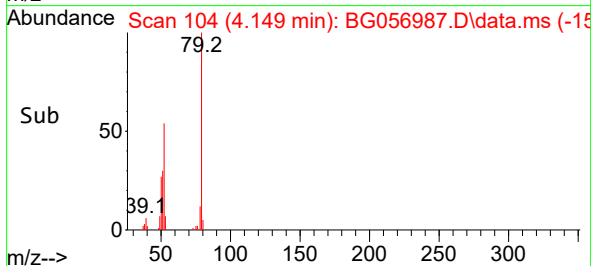
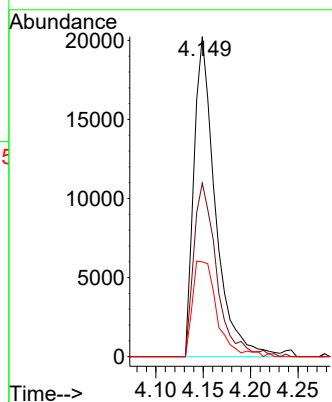
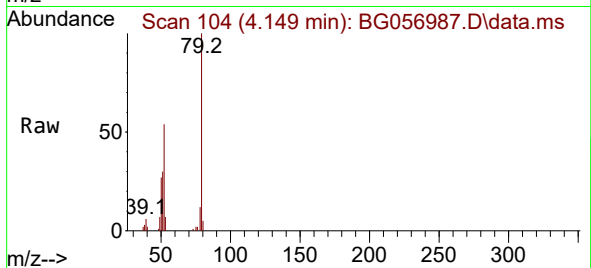




#3
Pyridine
Concen: 30.006 ng
RT: 4.149 min Scan# 104
Delta R.T. -0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

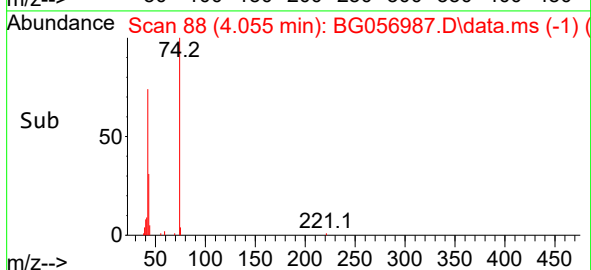
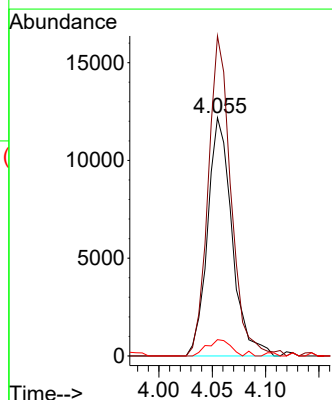
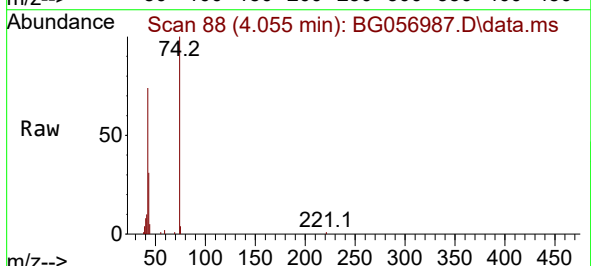
Instrument :
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ClientSampleId :
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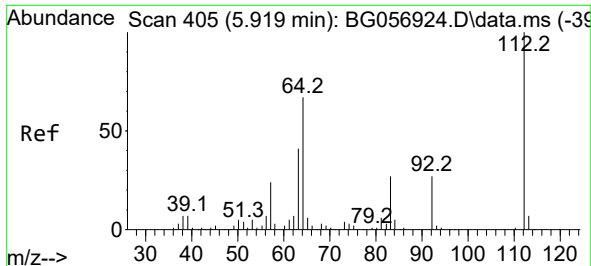
Tgt Ion: 79 Resp: 31880
Ion Ratio Lower Upper
79 100
52 54.3 46.1 69.1
51 29.7 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 39.689 ng
RT: 4.055 min Scan# 88
Delta R.T. -0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 42 Resp: 19387
Ion Ratio Lower Upper
42 100
74 134.4 100.6 151.0
44 6.8 4.6 7.0

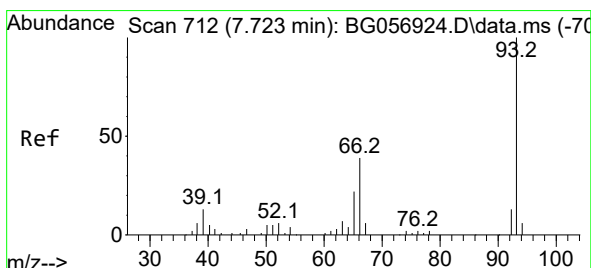
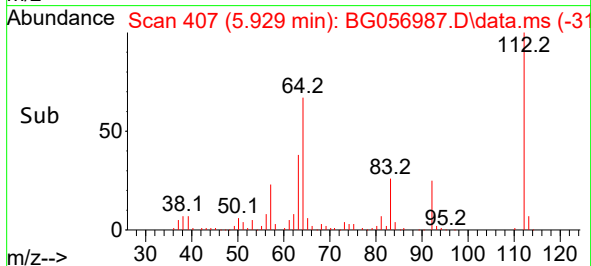
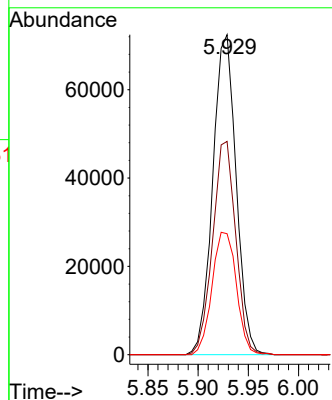
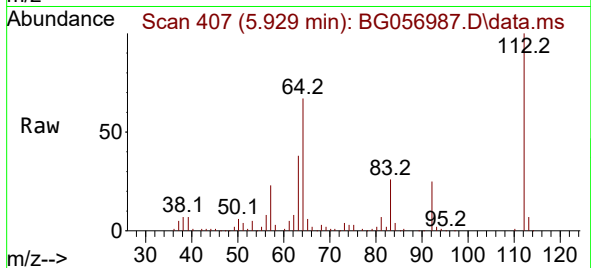




#5
2-Fluorophenol
Concen: 155.877 ng
RT: 5.929 min Scan# 405
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

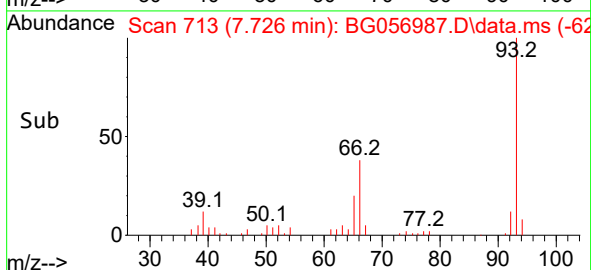
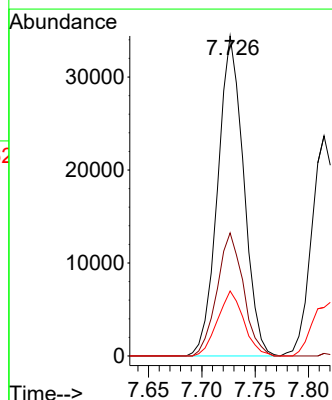
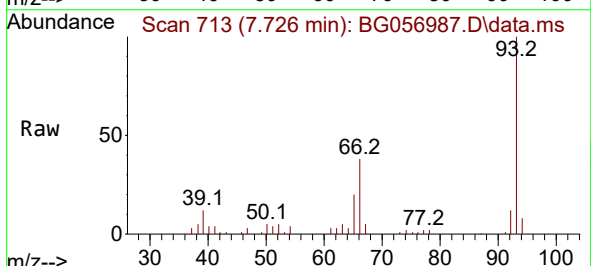
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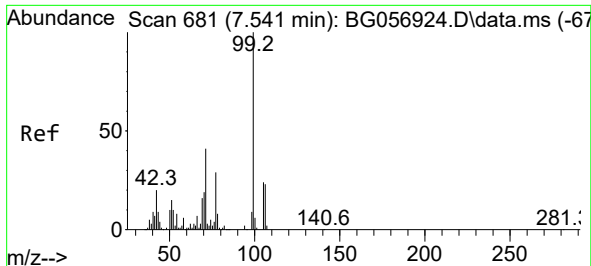
Tgt Ion:112 Resp: 117294
Ion Ratio Lower Upper
112 100
64 66.6 53.2 79.8
63 37.8 32.6 48.8



#6
Aniline
Concen: 40.370 ng
RT: 7.726 min Scan# 713
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 93 Resp: 58082
Ion Ratio Lower Upper
93 100
66 38.4 31.4 47.0
65 20.3 17.3 25.9

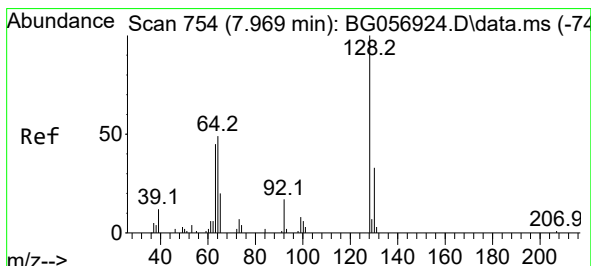
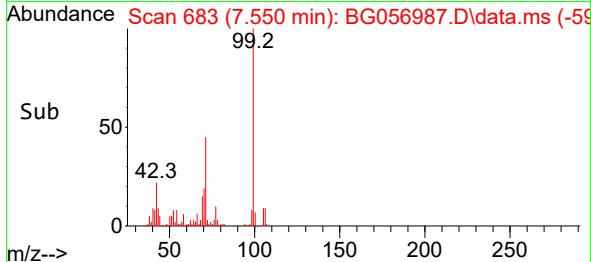
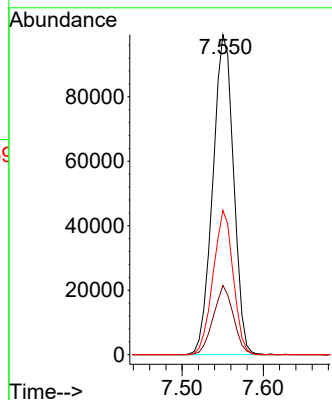
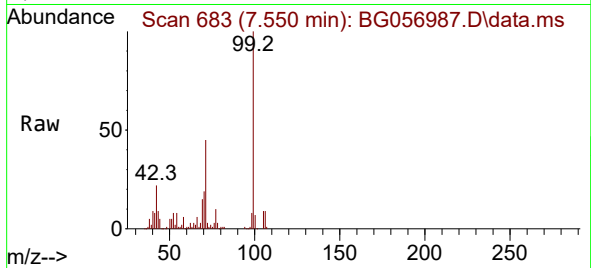




#7
Phenol-d6
Concen: 156.764 ng
RT: 7.550 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

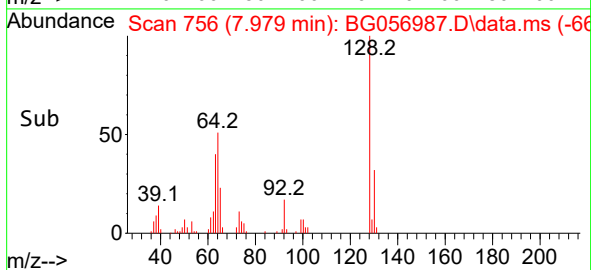
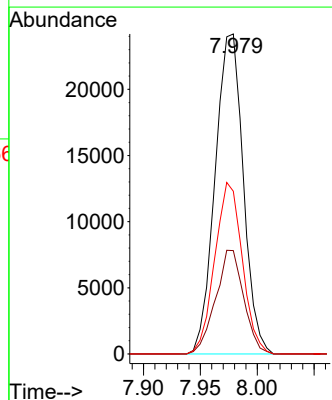
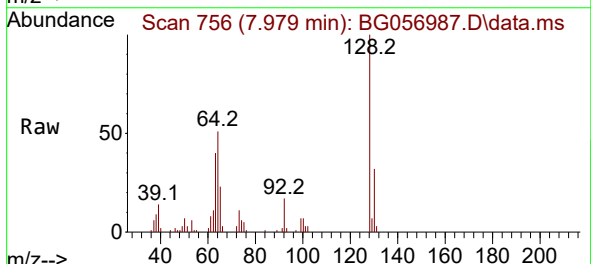
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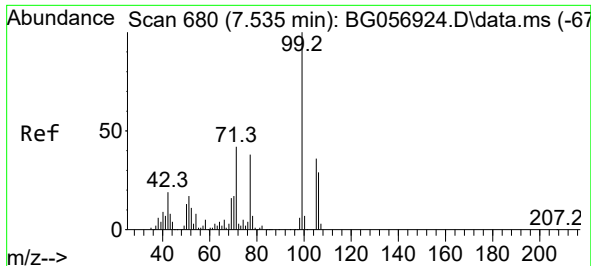
Tgt Ion: 99 Resp: 176426
Ion Ratio Lower Upper
99 100
42 21.7 15.7 23.5
71 45.1 32.5 48.7



#8
2-Chlorophenol
Concen: 55.591 ng
RT: 7.979 min Scan# 756
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 128 Resp: 41666
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 50.8 40.6 80.6

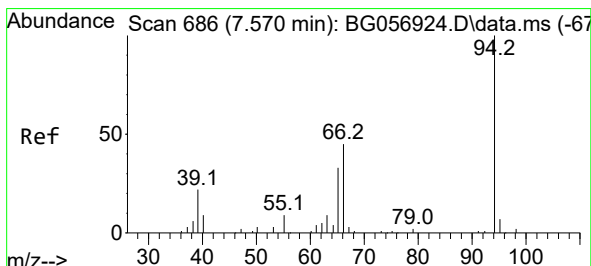
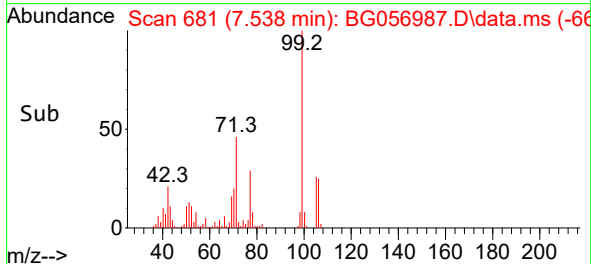
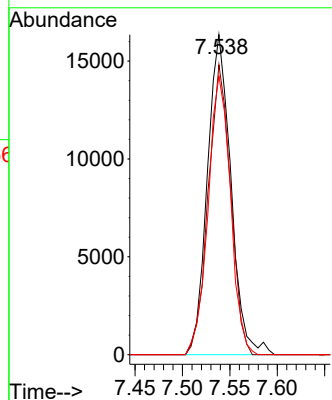
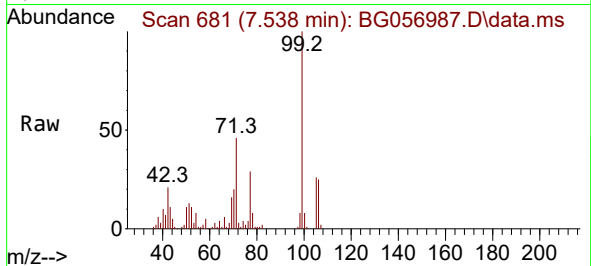




#9
Benzaldehyde
Concen: 40.036 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

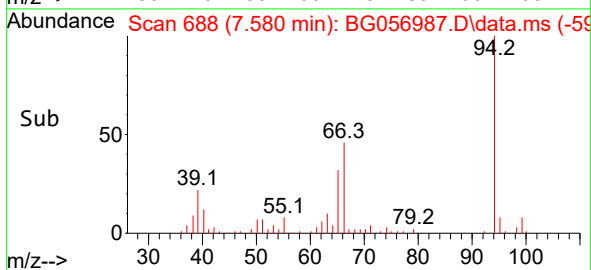
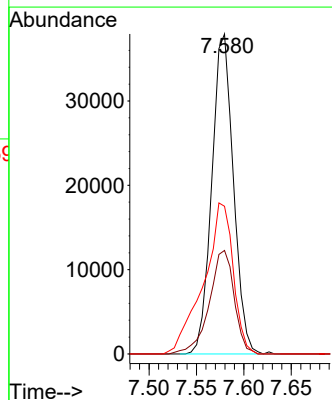
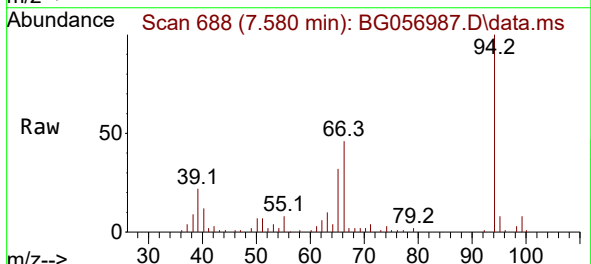
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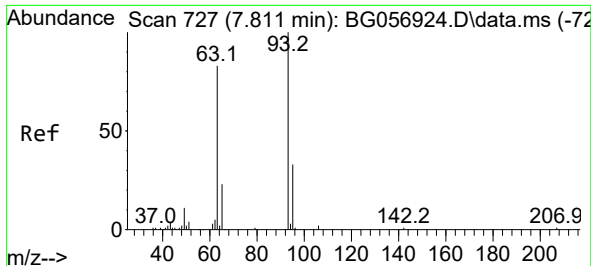
Tgt Ion: 77 Resp: 28261
Ion Ratio Lower Upper
77 100
105 90.6 73.6 113.6
106 87.1 56.7 96.7



#10
Phenol
Concen: 53.908 ng
RT: 7.580 min Scan# 688
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 94 Resp: 60115
Ion Ratio Lower Upper
94 100
65 32.4 13.3 53.3
66 46.1 26.7 66.7

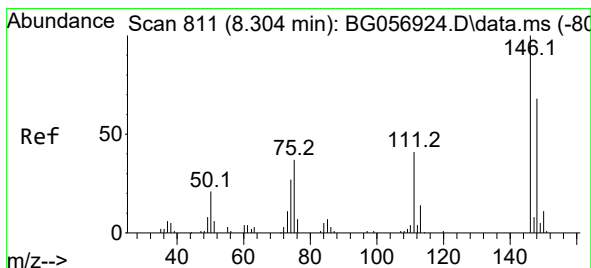
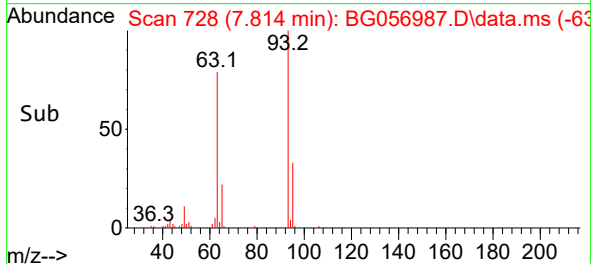
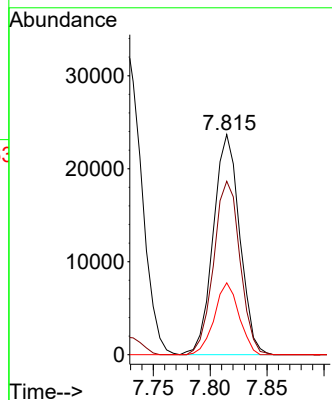
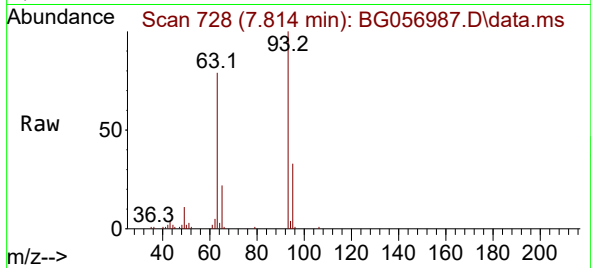




#11
bis(2-Chloroethyl)ether
Concen: 48.198 ng
RT: 7.814 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

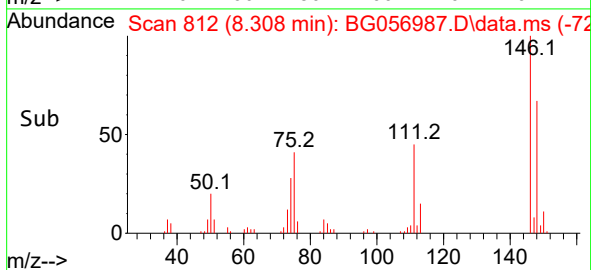
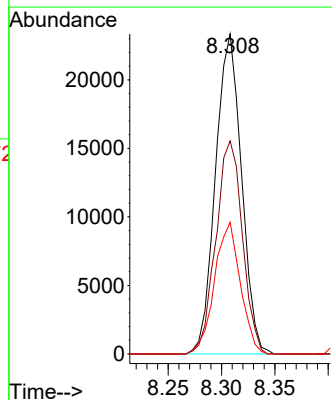
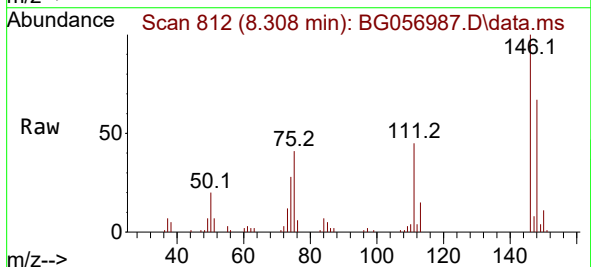
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

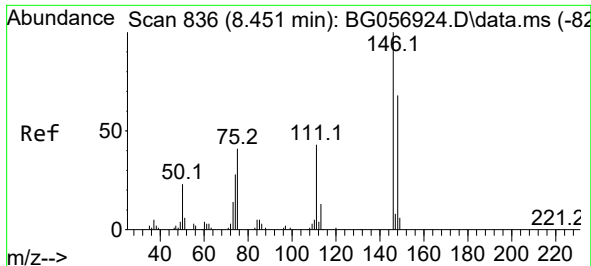
Tgt Ion: 93 Resp: 38286
Ion Ratio Lower Upper
93 100
63 78.8 62.7 102.7
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.758 ng
RT: 8.308 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 146 Resp: 39552
Ion Ratio Lower Upper
146 100
148 66.6 54.2 81.4
75 41.2 29.8 44.8

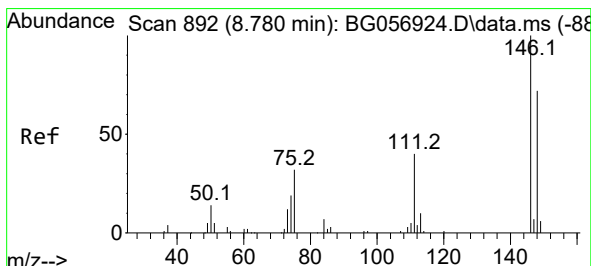
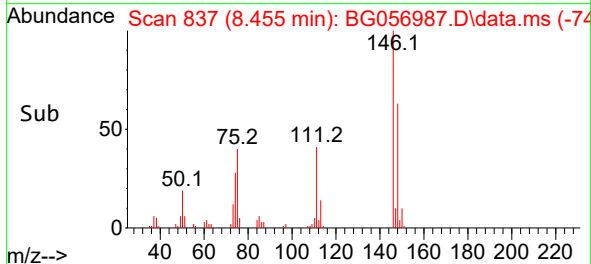
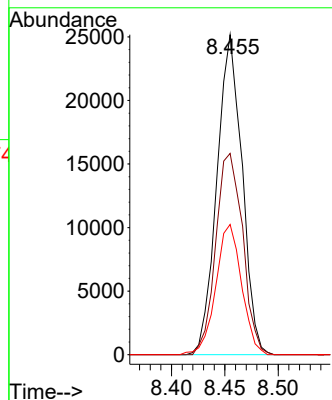
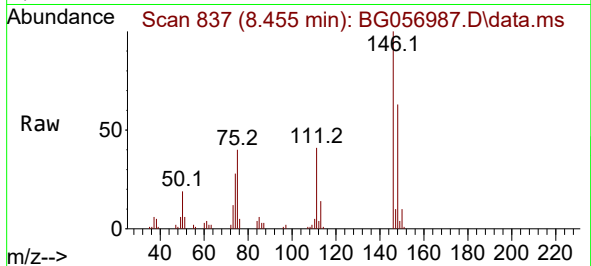




#13
1,4-Dichlorobenzene
Concen: 49.462 ng
RT: 8.455 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

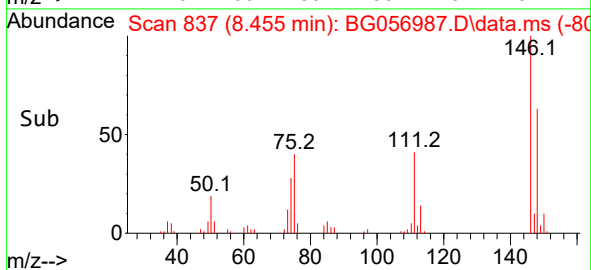
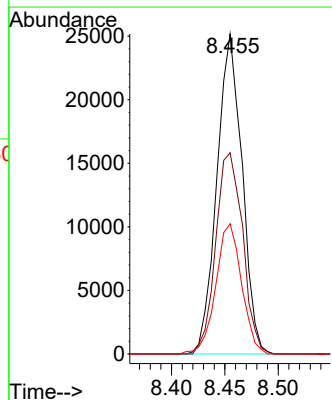
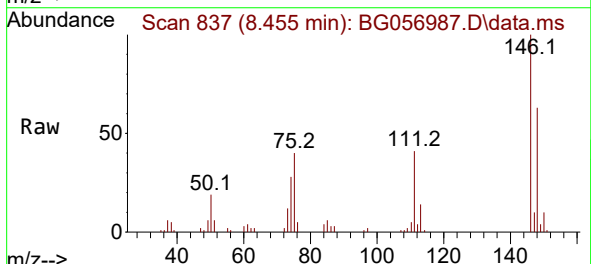
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

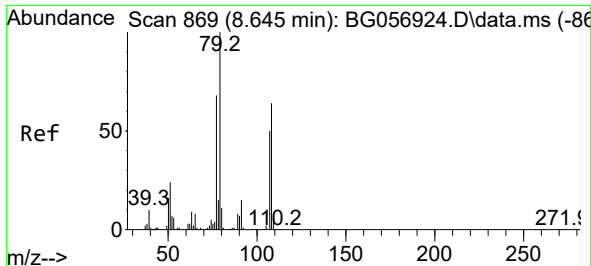
Tgt Ion:146 Resp: 41343
Ion Ratio Lower Upper
146 100
148 62.9 54.8 82.2
111 40.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 51.197 ng
RT: 8.455 min Scan# 837
Delta R.T. -0.323 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:146 Resp: 41343
Ion Ratio Lower Upper
146 100
148 62.9 57.4 86.0
111 40.7 33.2 49.8

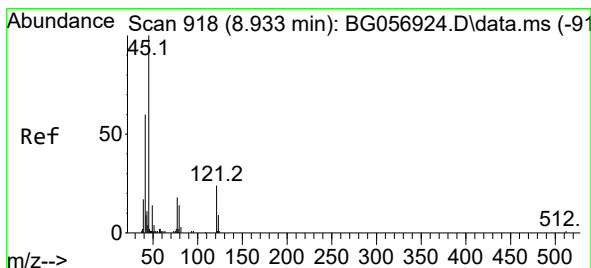
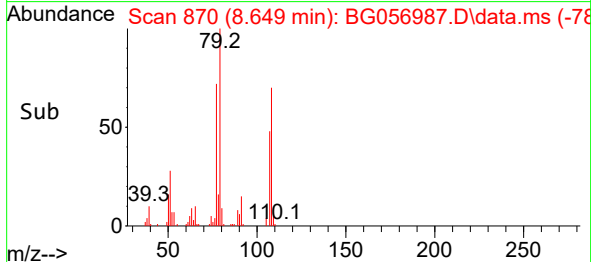
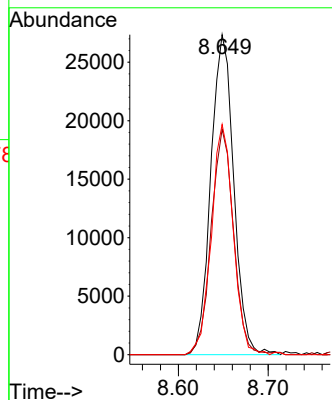
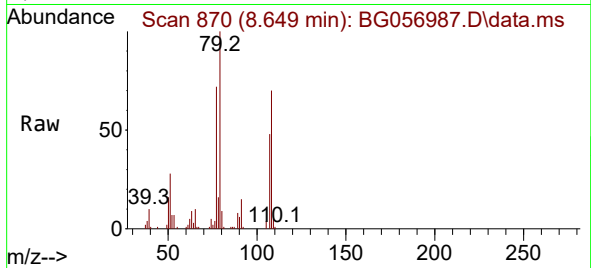




#15
Benzyl Alcohol
Concen: 51.812 ng
RT: 8.649 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

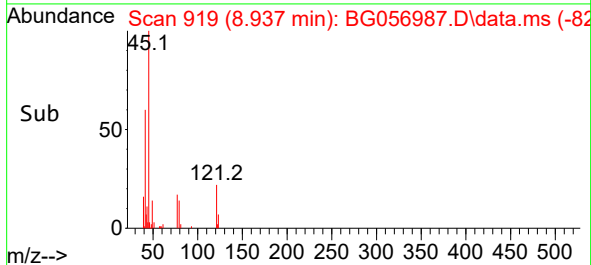
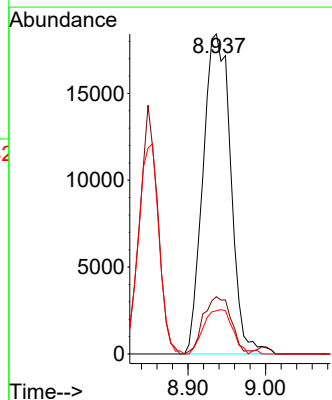
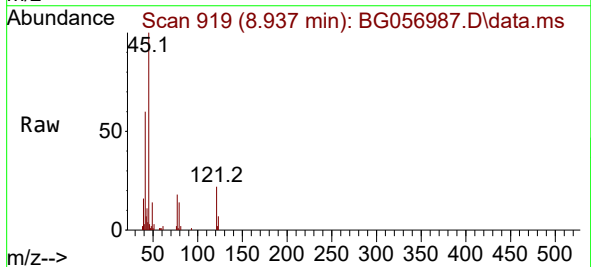
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

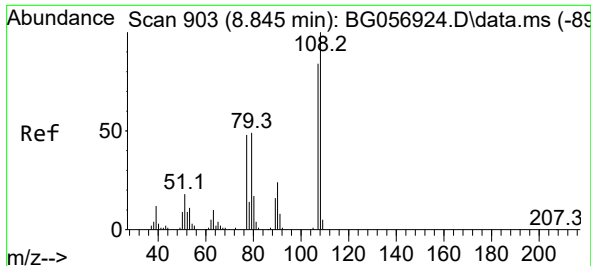
Tgt Ion: 79 Resp: 48451
Ion Ratio Lower Upper
79 100
108 70.4 51.2 76.8
77 72.0 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.775 ng
RT: 8.937 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 45 Resp: 45736
Ion Ratio Lower Upper
45 100
77 17.9 0.0 38.7
79 13.5 0.0 35.1





#17

2-Methylphenol

Concen: 52.439 ng

RT: 8.848 min Scan# 903

Delta R.T. -0.000 min

Lab File: BG056987.D

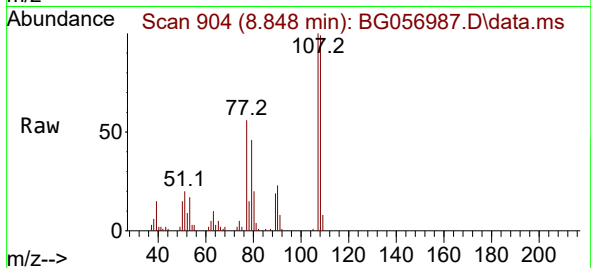
Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD



Tgt Ion:107 Resp: 41720

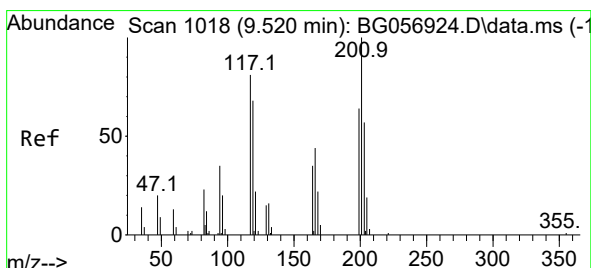
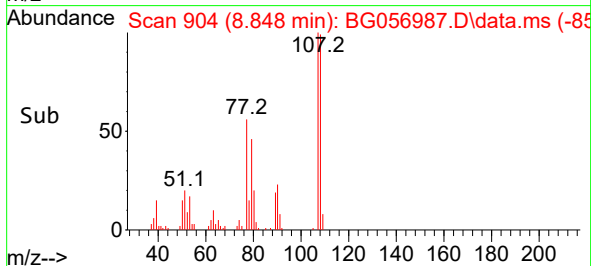
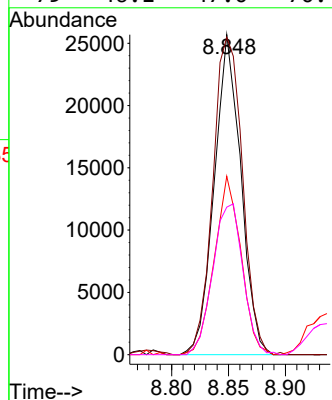
Ion Ratio Lower Upper

107 100

108 99.2 96.0 144.0

77 55.7 45.6 68.4

79 46.1 47.0 70.4#



#18

Hexachloroethane

Concen: 46.484 ng

RT: 9.518 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

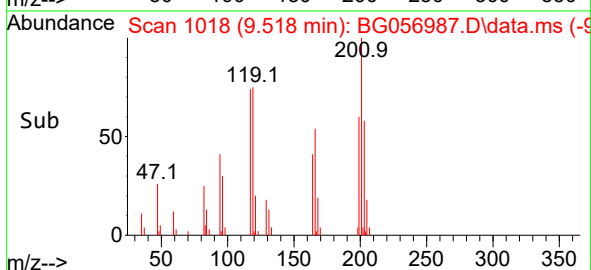
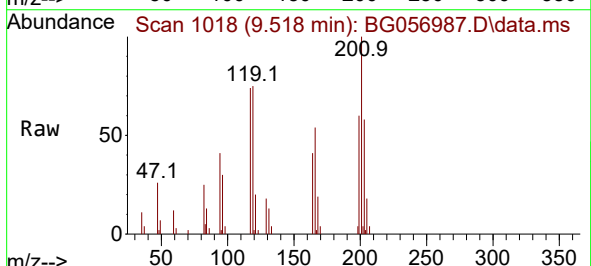
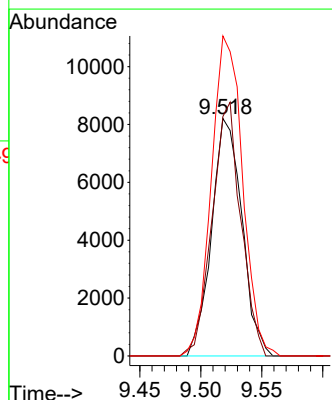
Tgt Ion:117 Resp: 14201

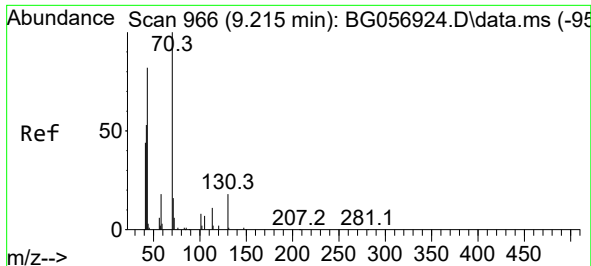
Ion Ratio Lower Upper

117 100

119 100.9 67.0 100.6#

201 134.8 98.7 148.1

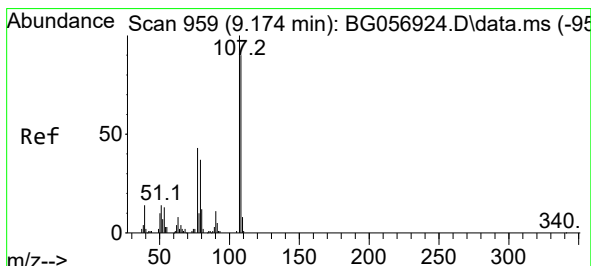
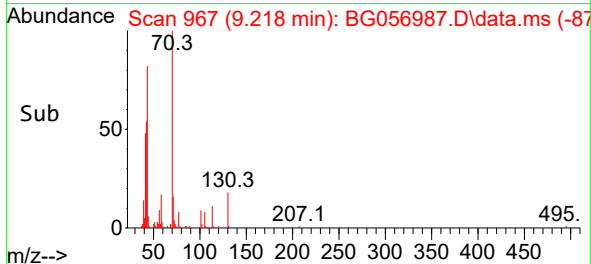
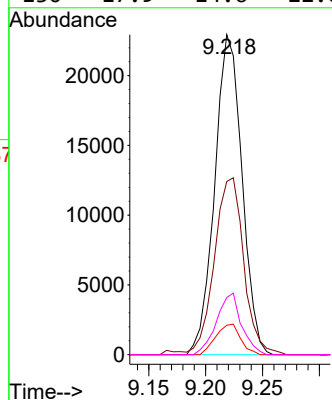
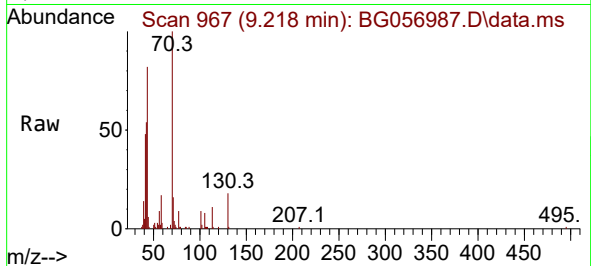




#19
n-Nitroso-di-n-propylamine
Concen: 47.612 ng
RT: 9.218 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

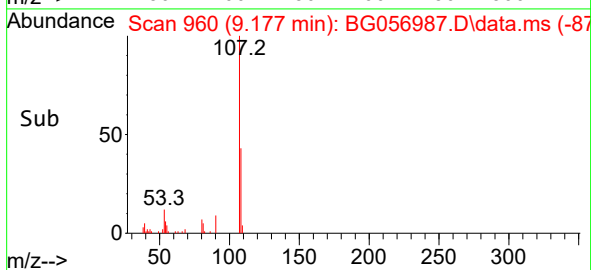
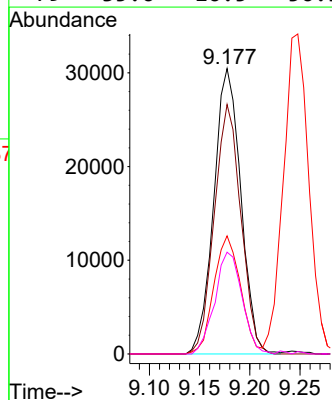
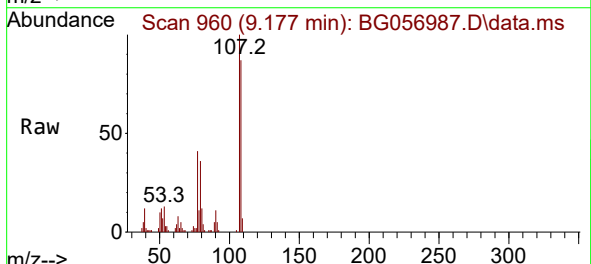
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

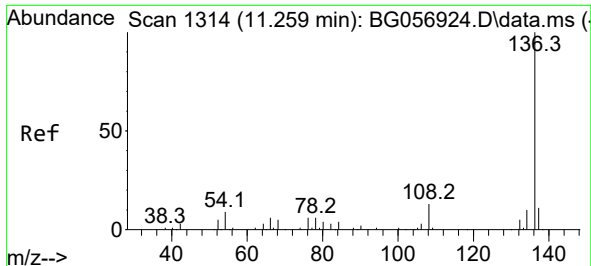
Tgt Ion: 70 Resp: 38327
Ion Ratio Lower Upper
70 100
42 54.1 43.4 65.0
101 9.2 6.2 9.2
130 17.9 14.6 22.0



#20
3+4-Methylphenols
Concen: 51.288 ng
RT: 9.177 min Scan# 960
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

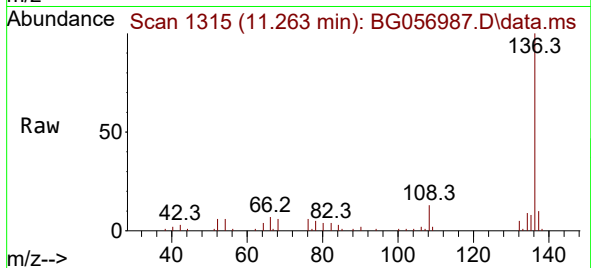
Tgt Ion: 107 Resp: 57058
Ion Ratio Lower Upper
107 100
108 87.4 69.9 109.9
77 41.4 22.7 62.7
79 35.6 16.5 56.5



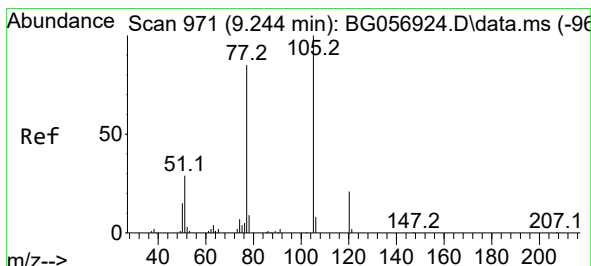
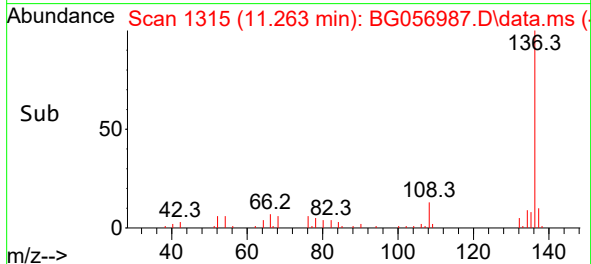
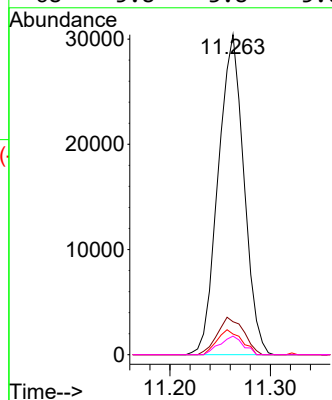


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Instrument :
BNA_G
ClientSampleId :
PB151898BSD

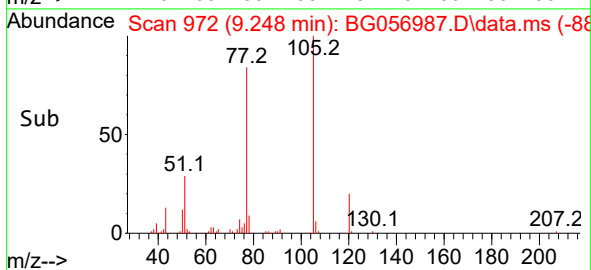
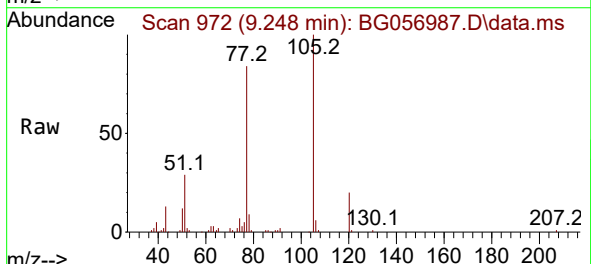
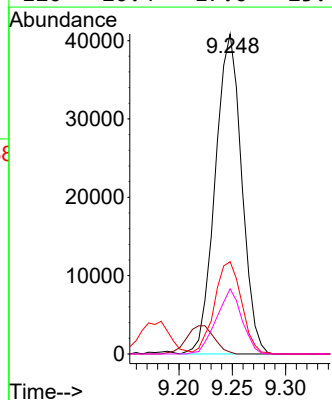


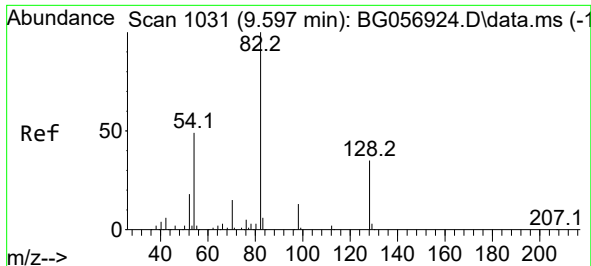
Tgt Ion:136 Resp: 53975
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 6.5 6.9 10.3#
68 5.8 3.8 5.6#



#22
Acetophenone
Concen: 43.773 ng
RT: 9.248 min Scan# 972
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:105 Resp: 70303
Ion Ratio Lower Upper
105 100
71 0.6 0.7 1.1#
51 28.8 23.8 35.8
120 20.4 17.0 25.4

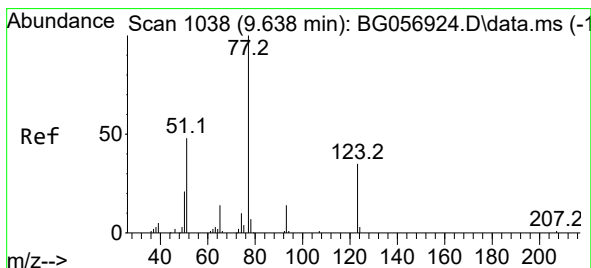
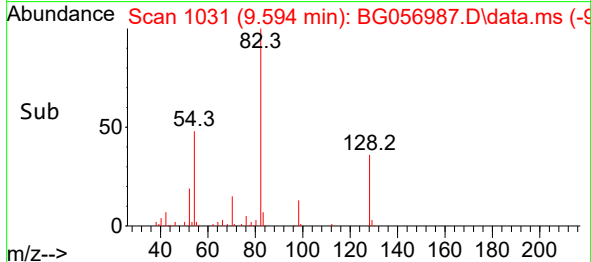
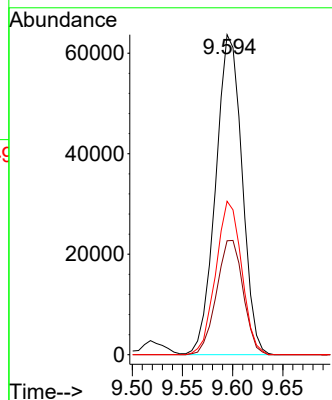
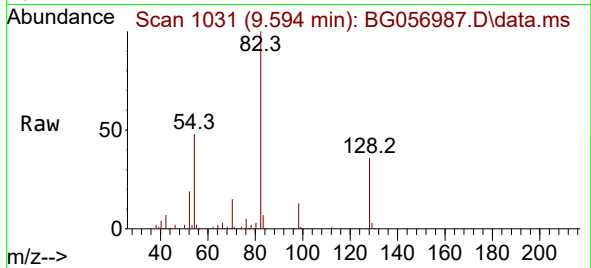




#23
Nitrobenzene-d5
Concen: 88.224 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

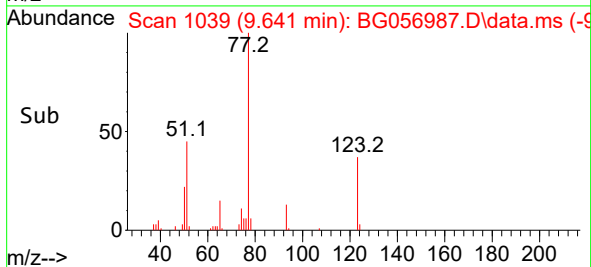
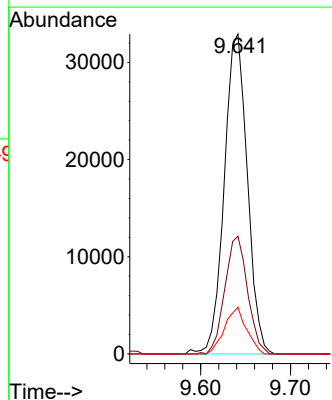
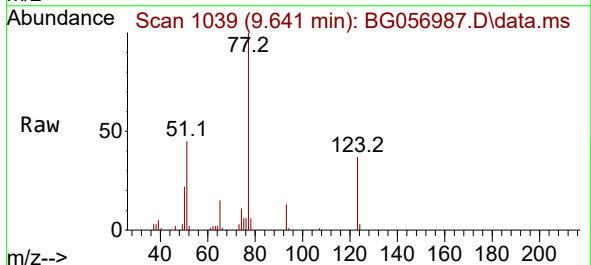
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

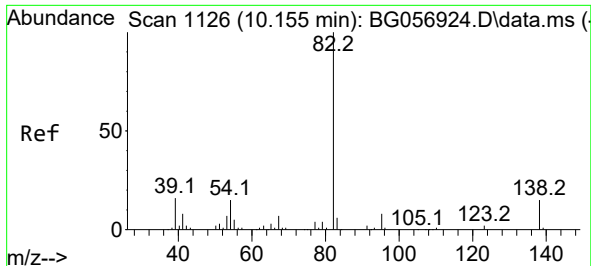
Tgt Ion: 82 Resp: 116377
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 48.0 39.4 59.2



#24
Nitrobenzene
Concen: 43.553 ng
RT: 9.641 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 77 Resp: 58738
Ion Ratio Lower Upper
77 100
123 36.8 27.6 41.4
65 14.6 11.5 17.3

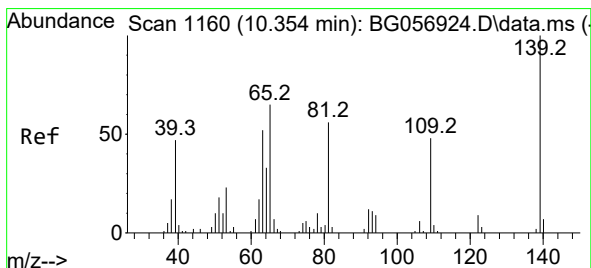
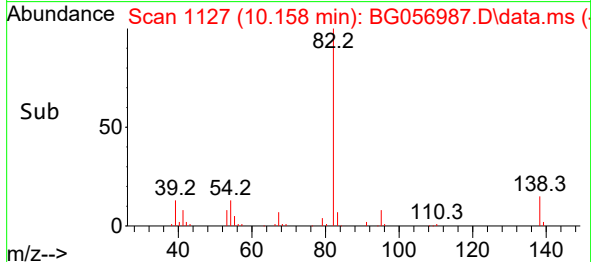
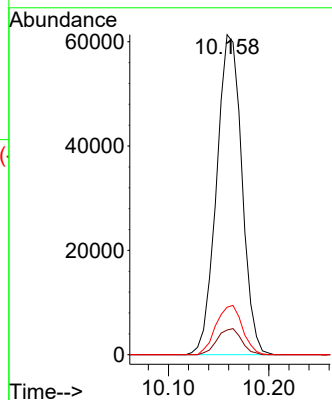
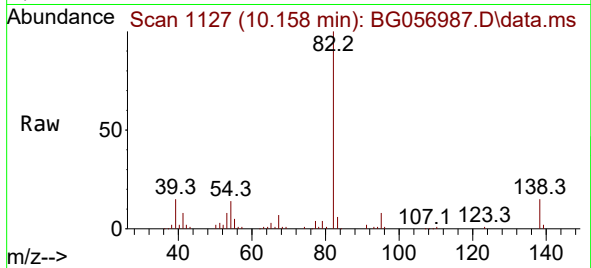




#25
Isophorone
Concen: 42.729 ng
RT: 10.158 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

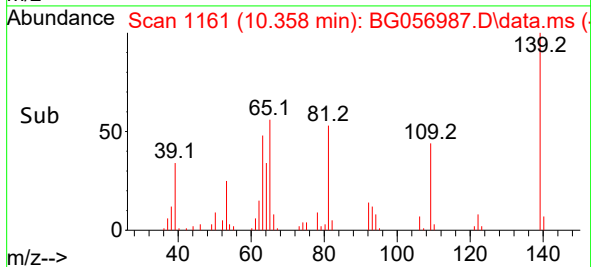
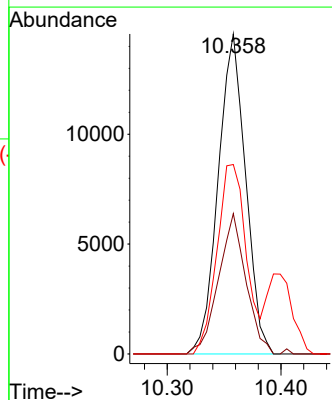
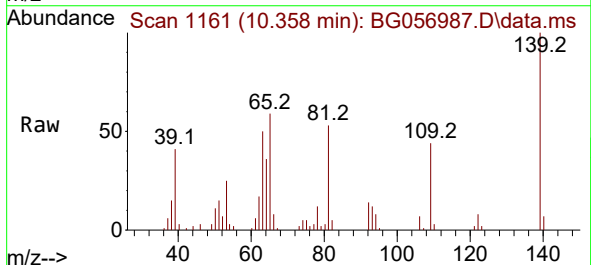
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

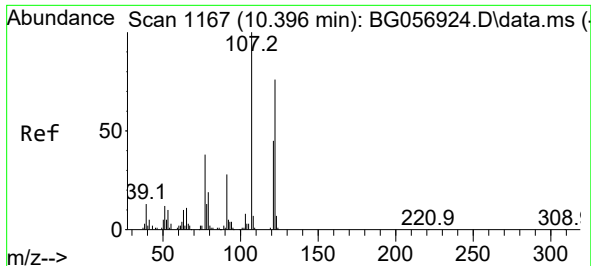
Tgt Ion: 82 Resp: 107333
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 14.8 11.8 17.8



#26
2-Nitrophenol
Concen: 46.863 ng
RT: 10.358 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:139 Resp: 24395
Ion Ratio Lower Upper
139 100
109 43.9 38.2 57.4
65 59.2 51.8 77.8

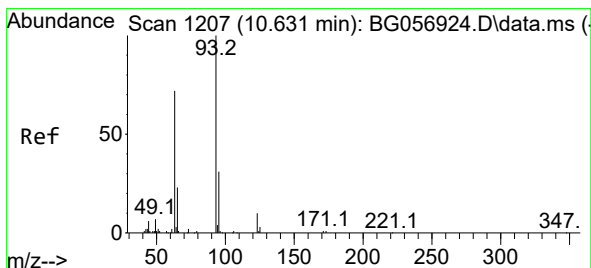
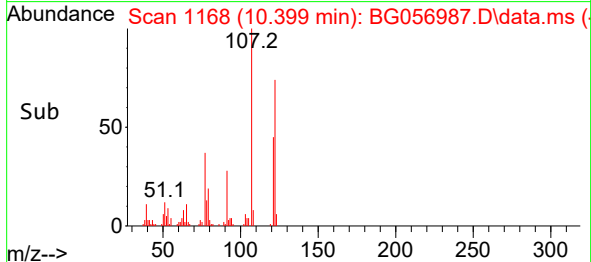
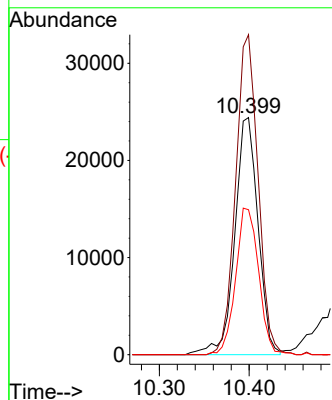
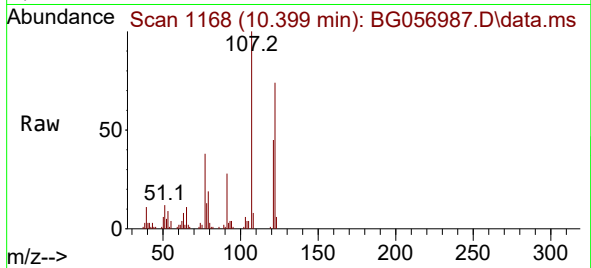




#27
2,4-Dimethylphenol
Concen: 47.689 ng
RT: 10.399 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

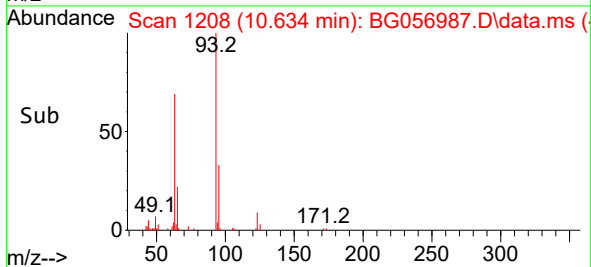
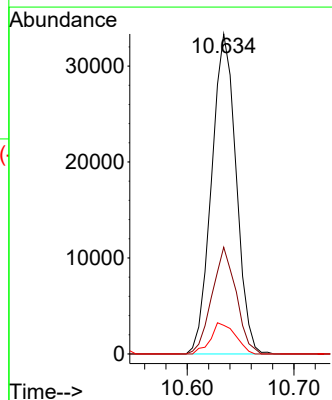
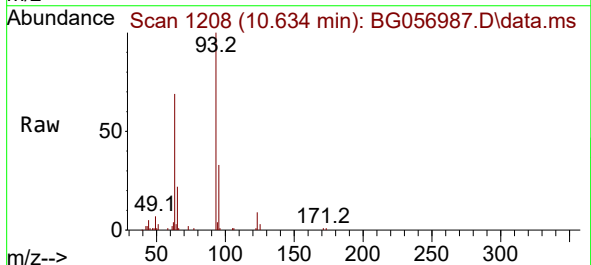
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

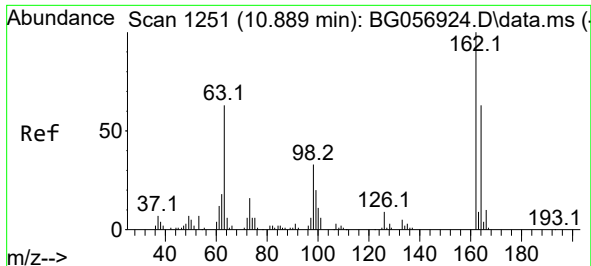
Tgt Ion:122 Resp: 43831
Ion Ratio Lower Upper
122 100
107 135.0 105.7 158.5
121 61.2 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.366 ng
RT: 10.634 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 93 Resp: 53279
Ion Ratio Lower Upper
93 100
95 33.3 24.6 37.0
123 9.0 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 46.813 ng

RT: 10.899 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

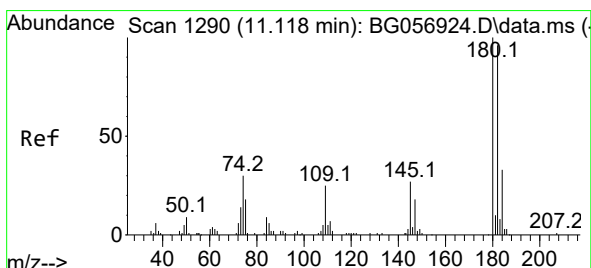
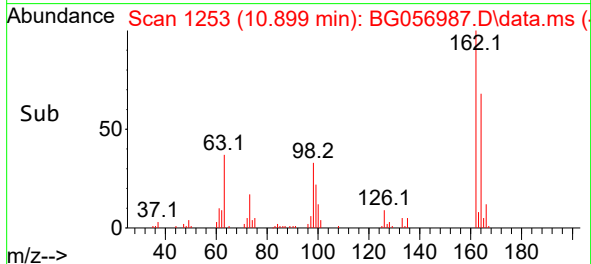
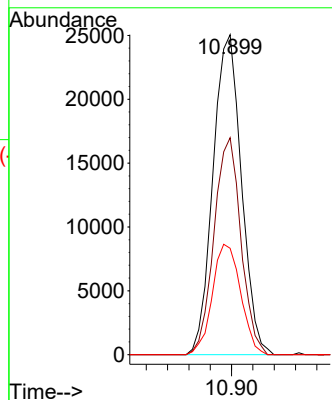
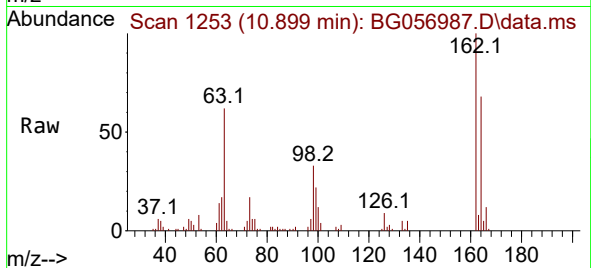
Tgt Ion:162 Resp: 46272

Ion Ratio Lower Upper

162 100

164 67.8 43.4 83.4

98 33.3 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 45.380 ng

RT: 11.116 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

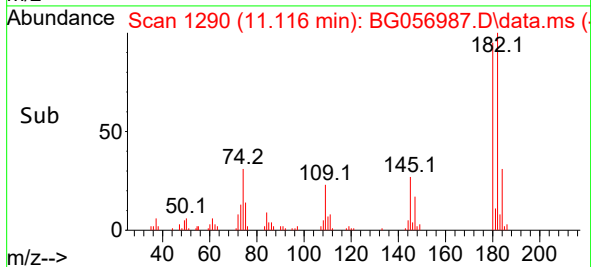
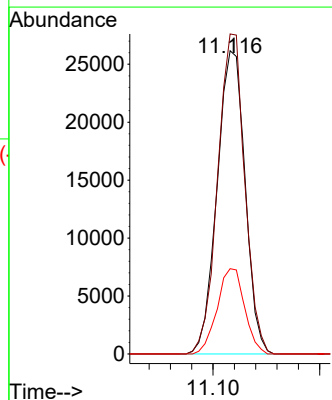
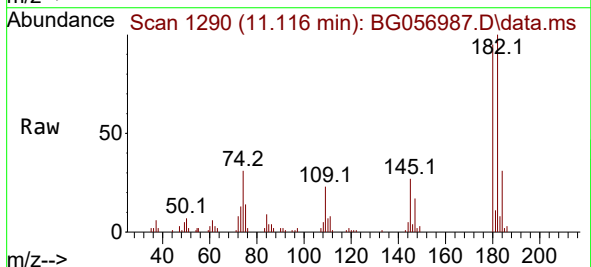
Tgt Ion:180 Resp: 47661

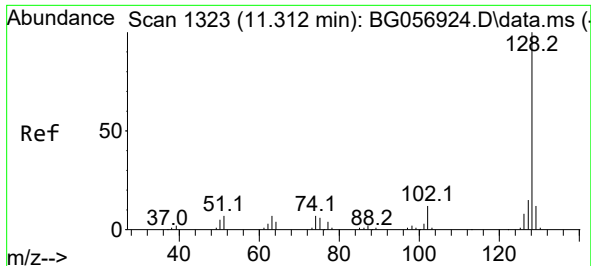
Ion Ratio Lower Upper

180 100

182 105.5 77.1 115.7

145 28.1 21.3 31.9

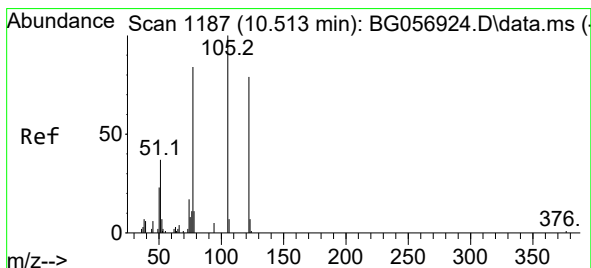
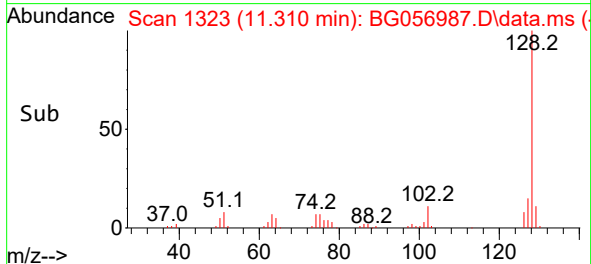
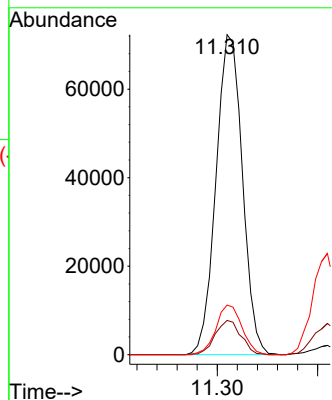
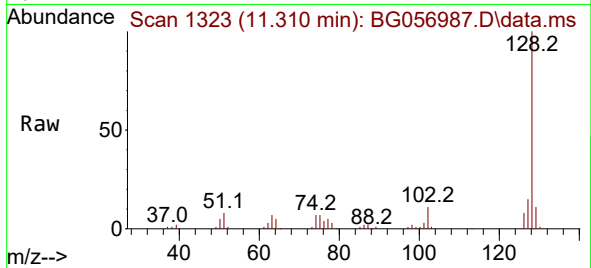




#31
Naphthalene
Concen: 44.844 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

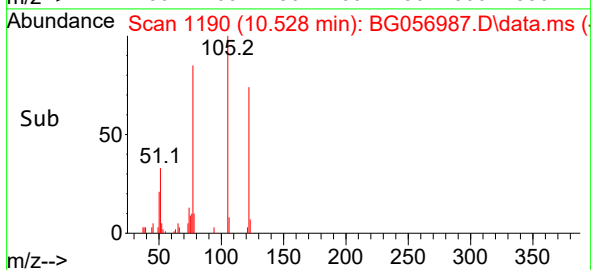
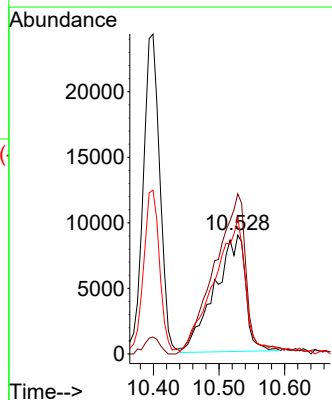
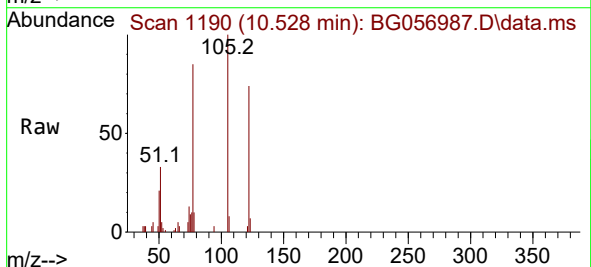
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

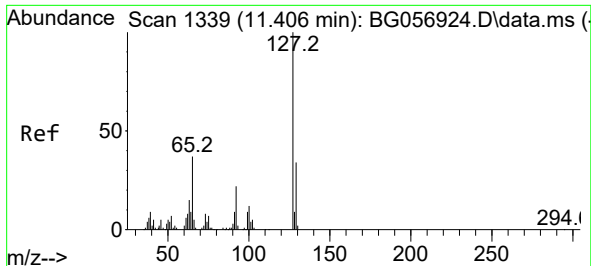
Tgt Ion:128 Resp: 131930
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 15.5 12.2 18.4



#32
Benzoic acid
Concen: 46.062 ng
RT: 10.528 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:122 Resp: 29081
Ion Ratio Lower Upper
122 100
105 134.6 105.4 145.4
77 114.3 87.4 127.4

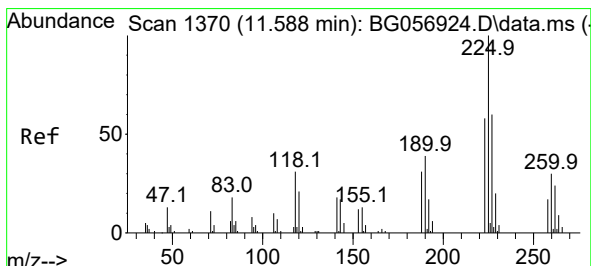
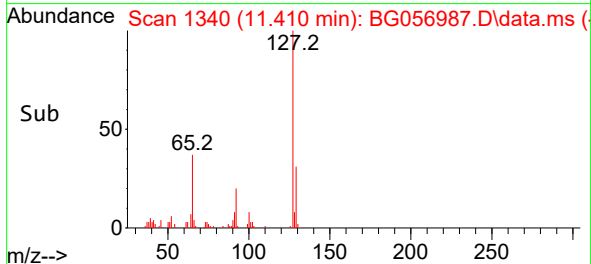
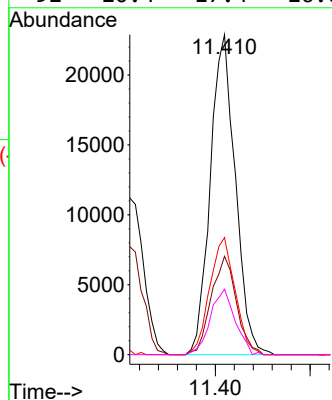
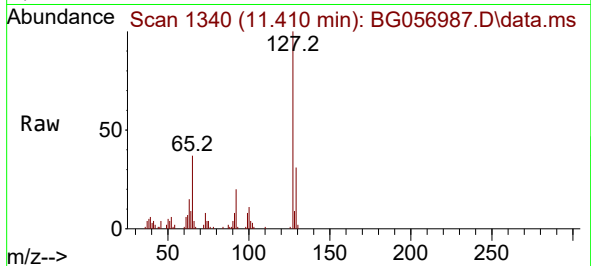




#33
4-Chloroaniline
Concen: 31.555 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

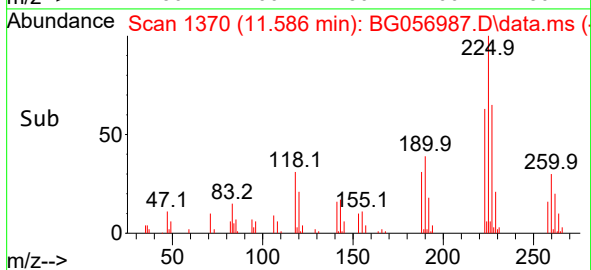
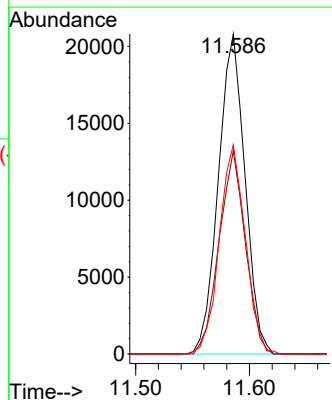
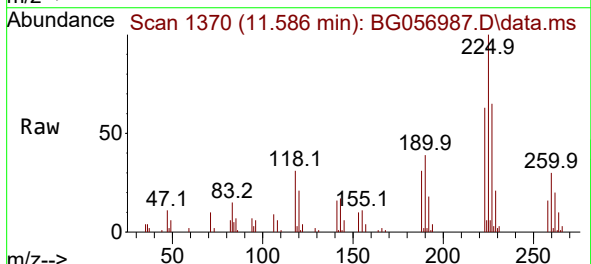
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

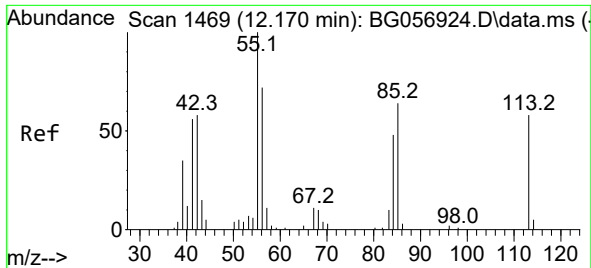
Tgt Ion:	127	Resp:	41928
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.6	41.4
65	36.6	29.8	44.8
92	20.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.925 ng
RT: 11.586 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:	225	Resp:	33865
Ion	Ratio	Lower	Upper
225	100		
223	63.5	46.4	69.6
227	65.4	48.0	72.0

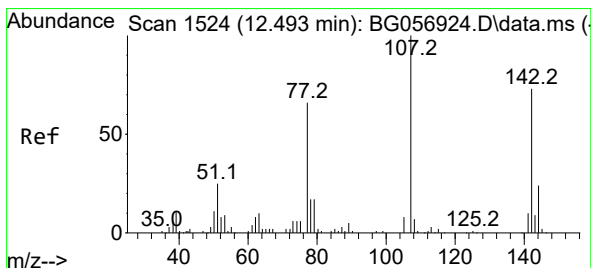
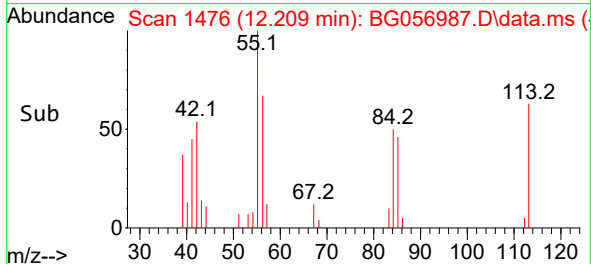
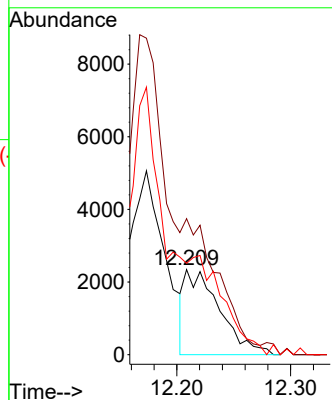
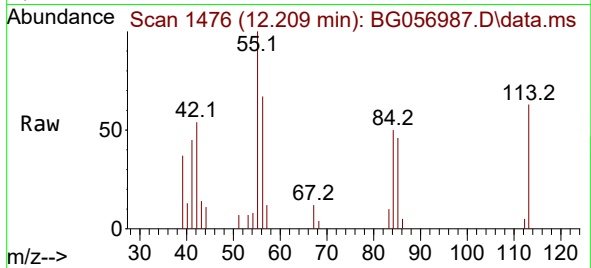




#35
 Caprolactam
 Concen: 14.574 ng
 RT: 12.209 min Scan# 1469
 Delta R.T. 0.029 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

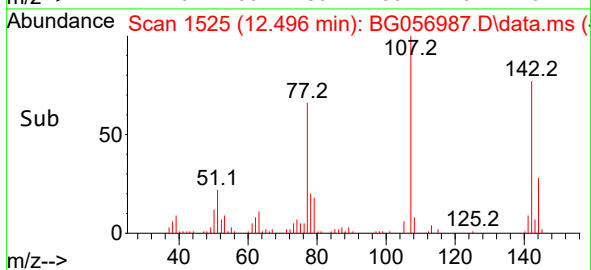
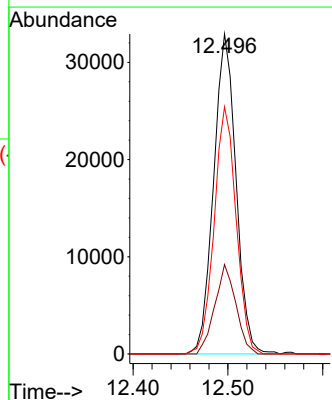
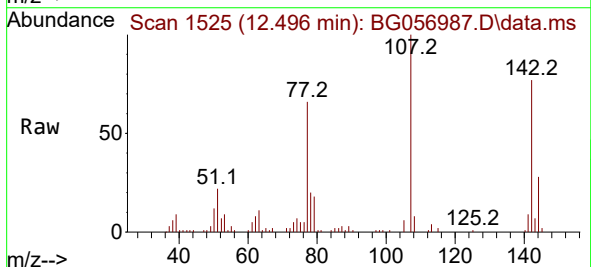
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BSD

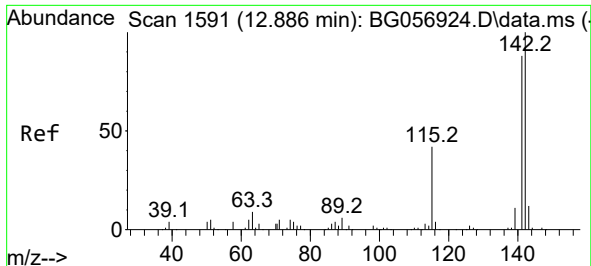
Tgt Ion:113 Resp: 4968
 Ion Ratio Lower Upper
 113 100
 55 159.9 151.6 191.6
 56 107.4 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.853 ng
 RT: 12.496 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

Tgt Ion:107 Resp: 54002
 Ion Ratio Lower Upper
 107 100
 144 27.9 19.0 28.4
 142 77.2 58.6 88.0





#37

2-Methylnaphthalene

Concen: 43.325 ng

RT: 12.884 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

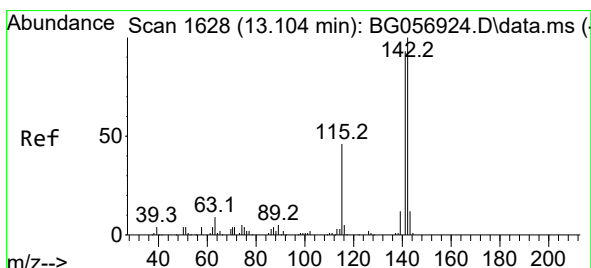
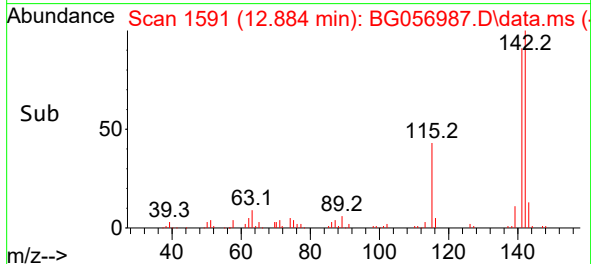
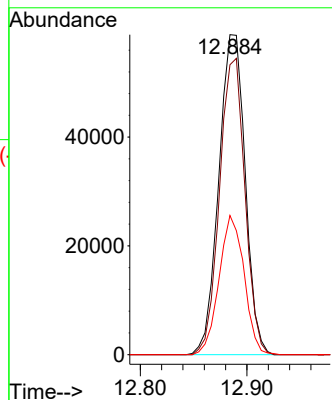
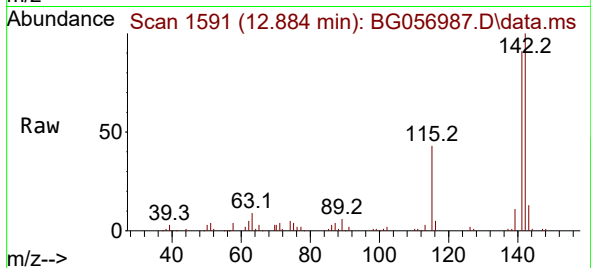
Tgt Ion:142 Resp: 101162

Ion Ratio Lower Upper

142 100

141 90.6 70.3 105.5

115 43.5 33.5 50.3



#38

1-Methylnaphthalene

Concen: 43.463 ng

RT: 13.101 min Scan# 1628

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

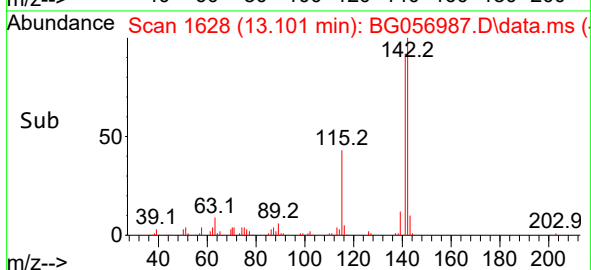
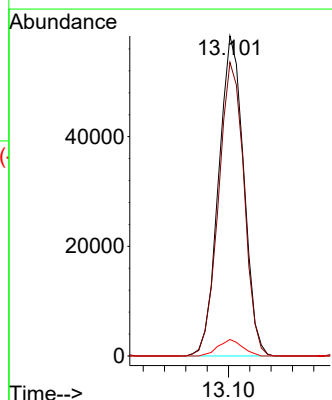
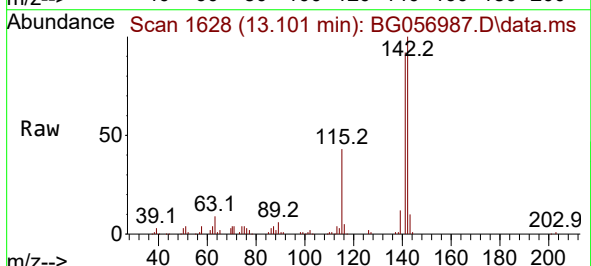
Tgt Ion:142 Resp: 95293

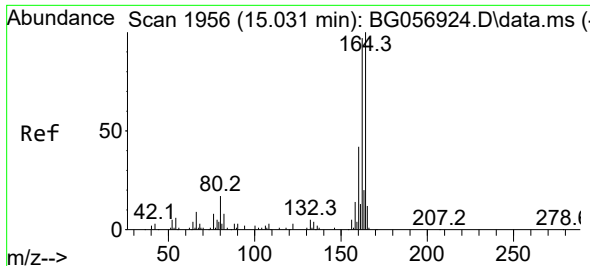
Ion Ratio Lower Upper

142 100

141 91.7 74.0 111.0

116 5.2 3.7 5.5

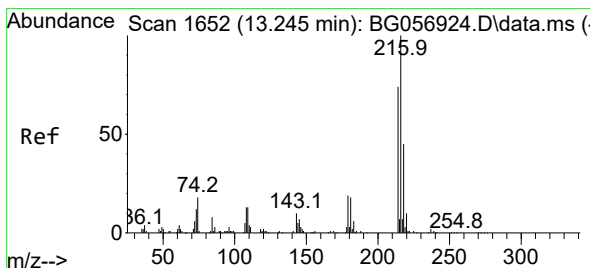
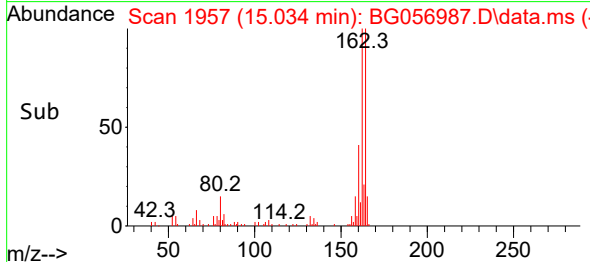
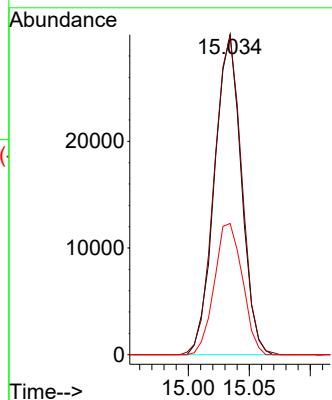
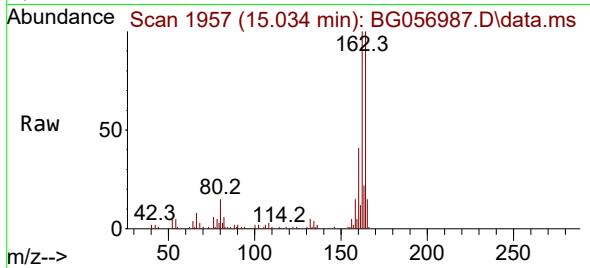




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.034 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

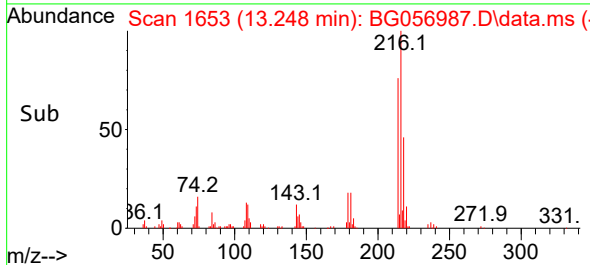
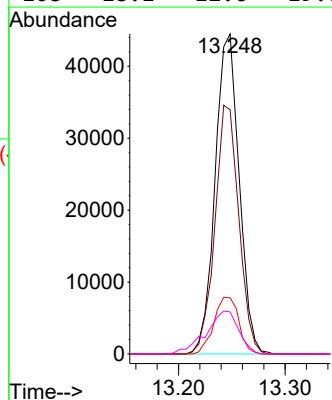
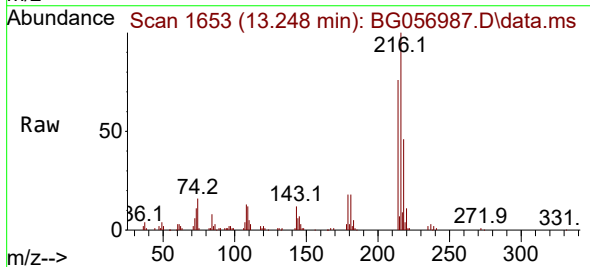
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

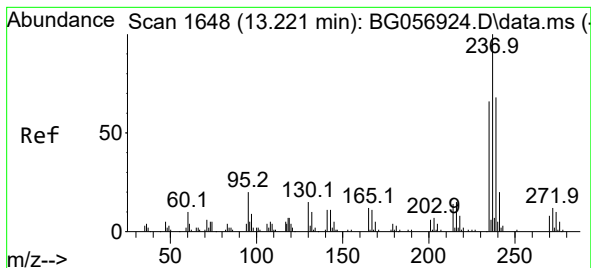
Tgt Ion:164 Resp: 45790
Ion Ratio Lower Upper
164 100
162 99.8 77.8 116.8
160 41.0 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.787 ng
RT: 13.248 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

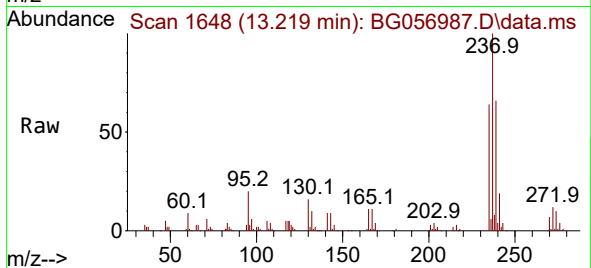
Tgt Ion:216 Resp: 69528
Ion Ratio Lower Upper
216 100
214 77.2 63.3 94.9
179 18.4 15.0 22.6
108 18.1 12.6 19.0



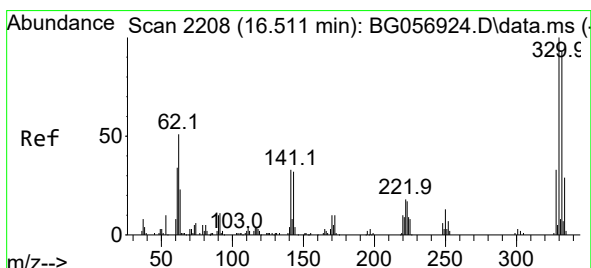
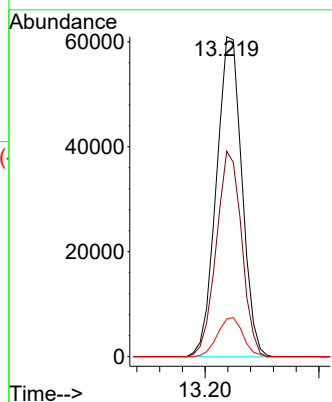
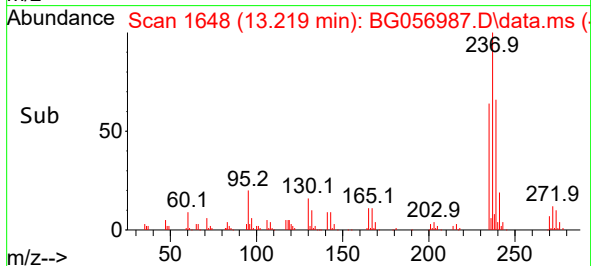


#41
Hexachlorocyclopentadiene
Concen: 108.826 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

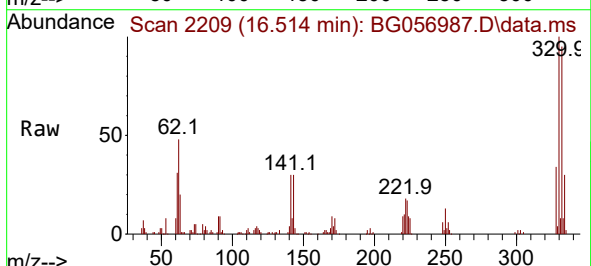
Instrument :
BNA_G
ClientSampleId :
PB151898BSD



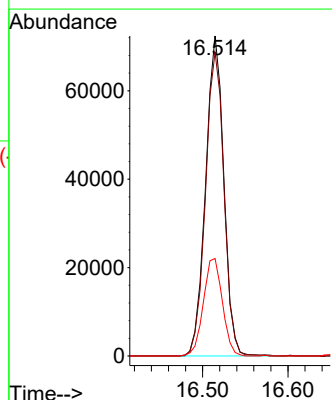
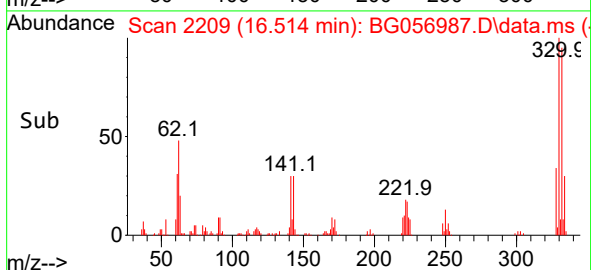
Tgt Ion:237 Resp: 95209
Ion Ratio Lower Upper
237 100
235 64.2 45.9 85.9
272 11.8 0.0 32.3

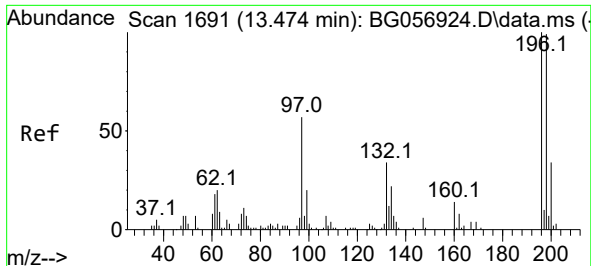


#42
2,4,6-Tribromophenol
Concen: 147.104 ng
RT: 16.514 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04



Tgt Ion:330 Resp: 107608
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 31.7 25.8 38.6

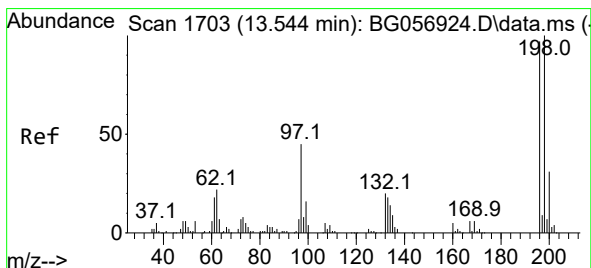
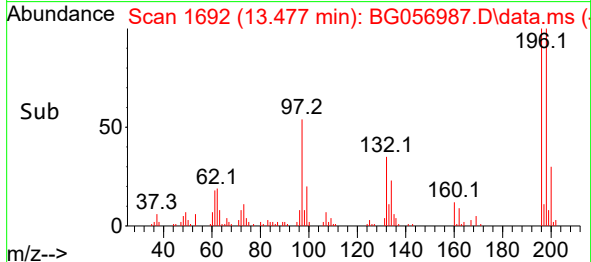
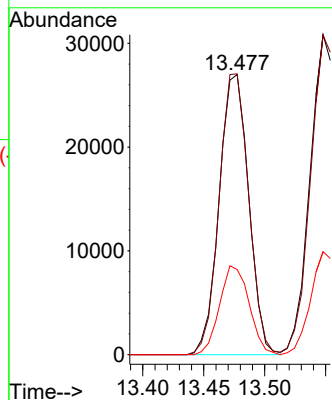
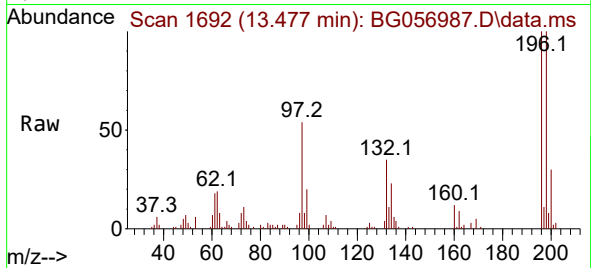




#43
 2,4,6-Trichlorophenol
 Concen: 44.833 ng
 RT: 13.477 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

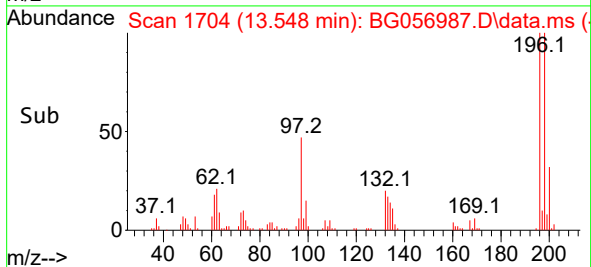
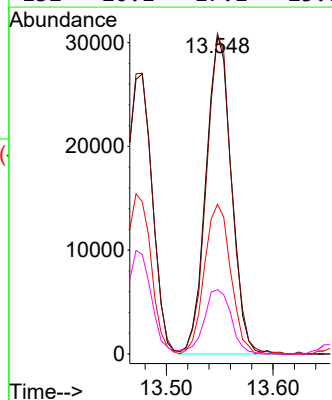
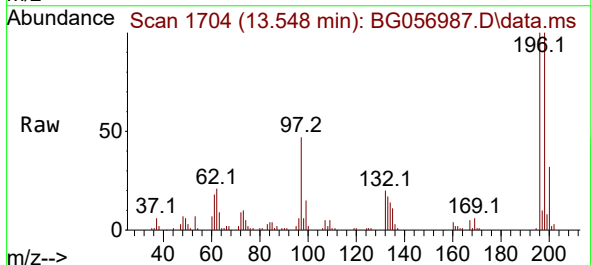
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BSD

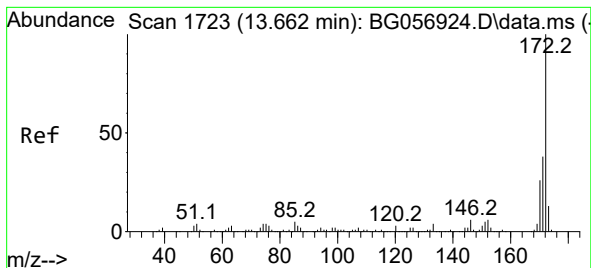
Tgt Ion:196 Resp: 45428
 Ion Ratio Lower Upper
 196 100
 198 100.2 79.1 118.7
 200 30.4 27.2 40.8



#44
 2,4,5-Trichlorophenol
 Concen: 42.413 ng
 RT: 13.548 min Scan# 1704
 Delta R.T. -0.000 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

Tgt Ion:196 Resp: 50912
 Ion Ratio Lower Upper
 196 100
 198 99.9 82.5 123.7
 97 46.7 37.0 55.6
 132 20.1 17.1 25.7

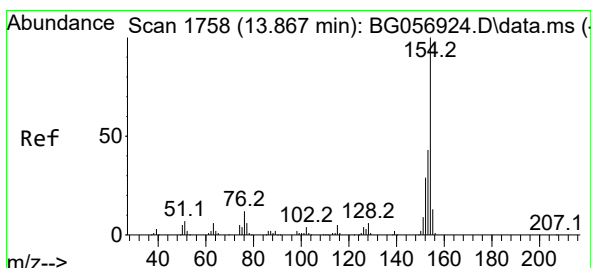
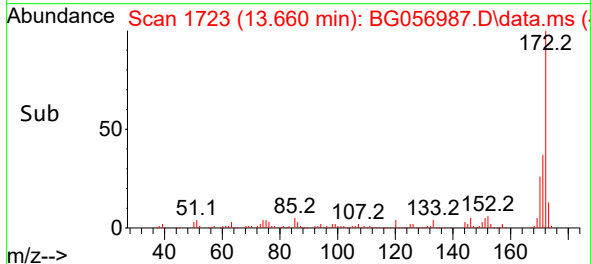
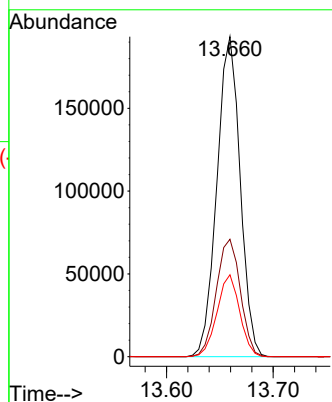
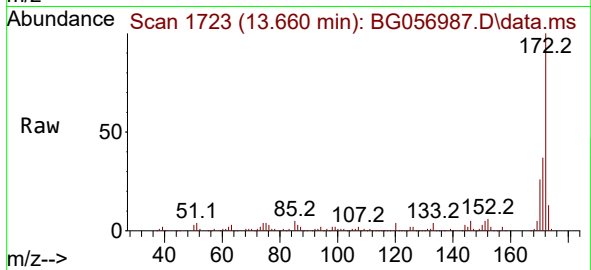




#45
2-Fluorobiphenyl
Concen: 86.625 ng
RT: 13.660 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

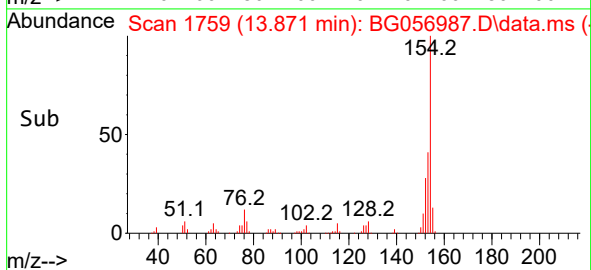
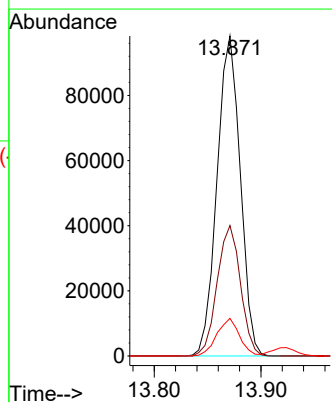
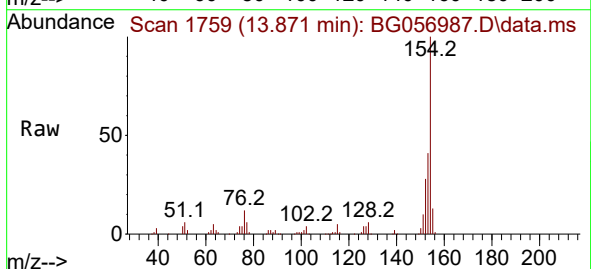
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

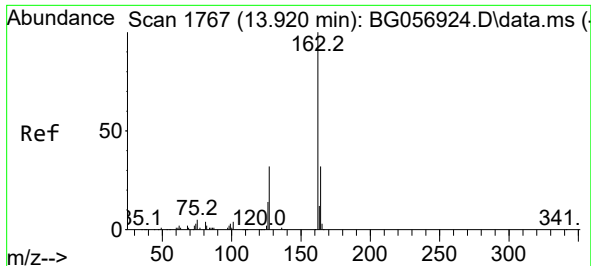
Tgt Ion:172 Resp: 292517
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 25.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 44.344 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:154 Resp: 148639
Ion Ratio Lower Upper
154 100
153 40.8 23.4 63.4
76 11.8 0.0 31.6

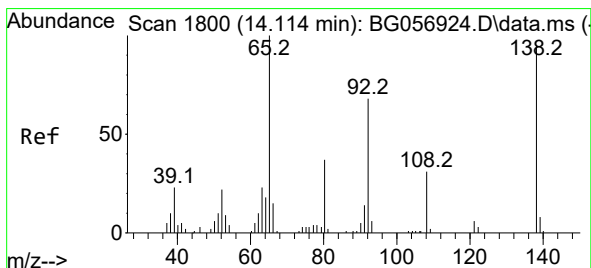
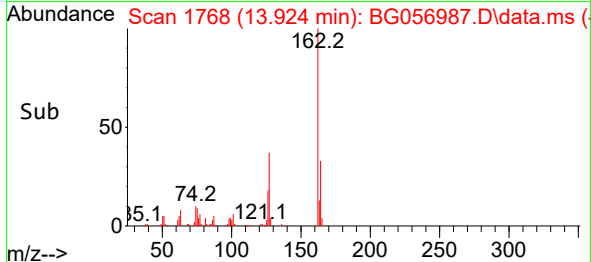
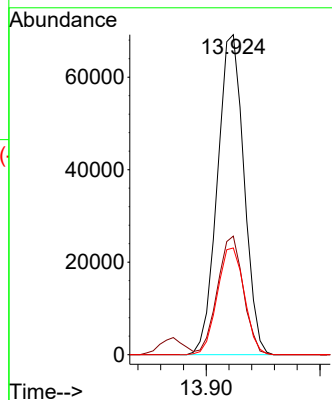
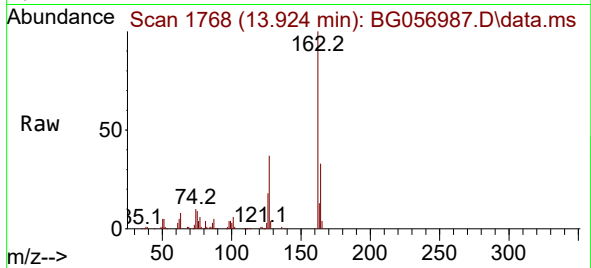




#47
2-Chloronaphthalene
Concen: 45.329 ng
RT: 13.924 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

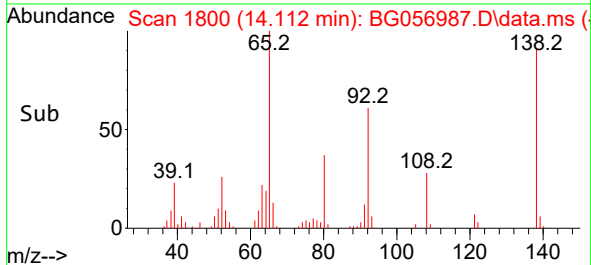
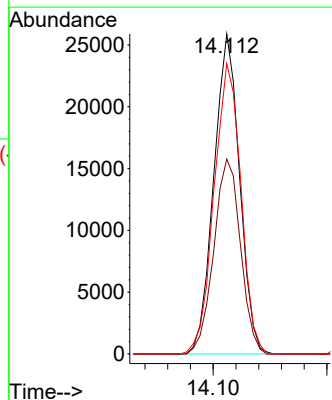
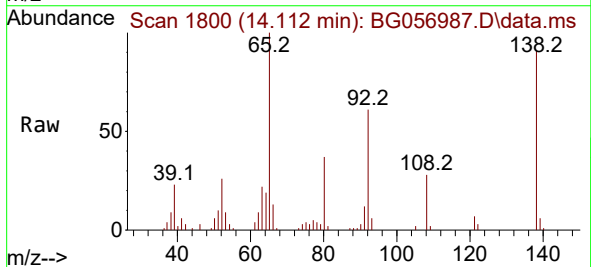
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

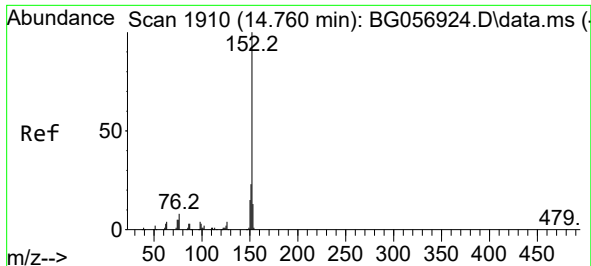
Tgt Ion:162 Resp: 112375
Ion Ratio Lower Upper
162 100
127 37.0 29.5 44.3
164 33.4 25.5 38.3



#48
2-Nitroaniline
Concen: 45.821 ng
RT: 14.112 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

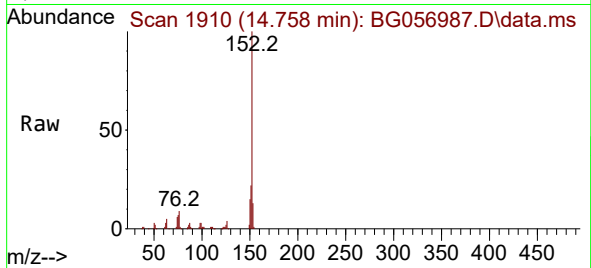
Tgt Ion: 65 Resp: 40618
Ion Ratio Lower Upper
65 100
92 60.9 54.3 81.5
138 90.8 76.0 114.0



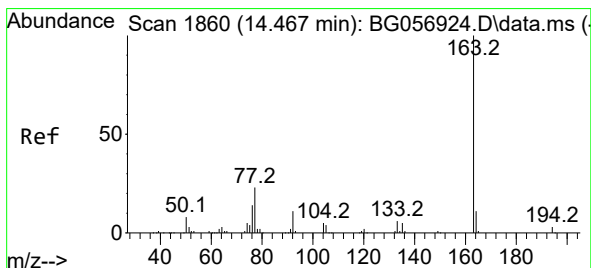
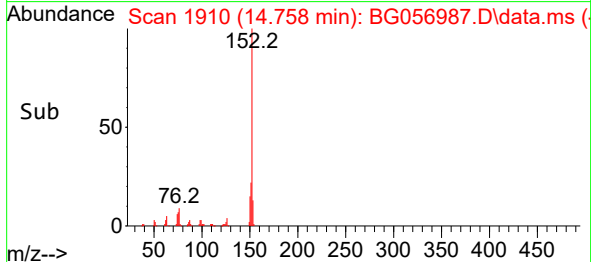
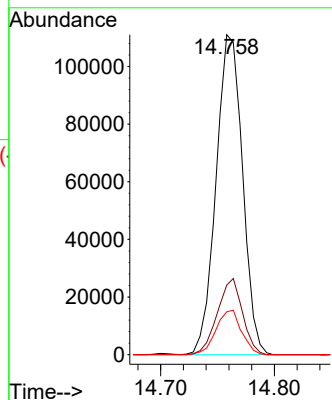


#49
Acenaphthylene
Concen: 44.131 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Instrument :
BNA_G
ClientSampleId :
PB151898BSD

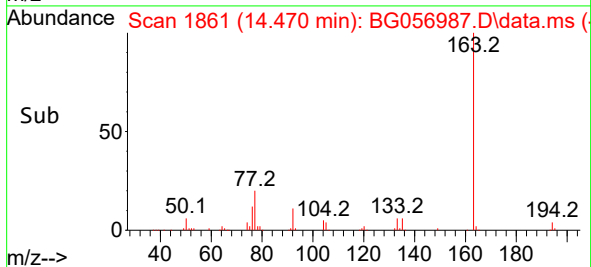
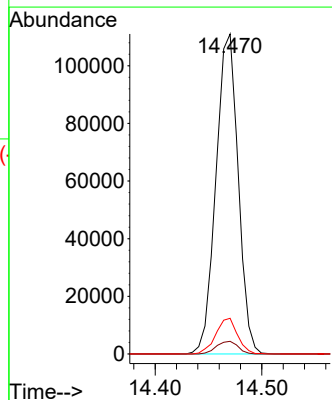
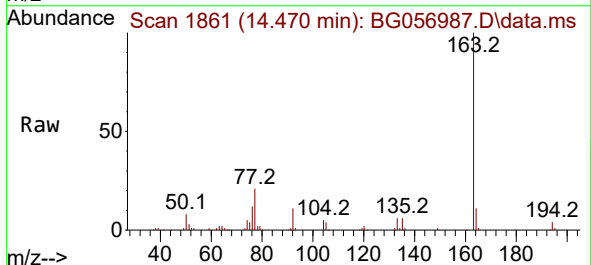


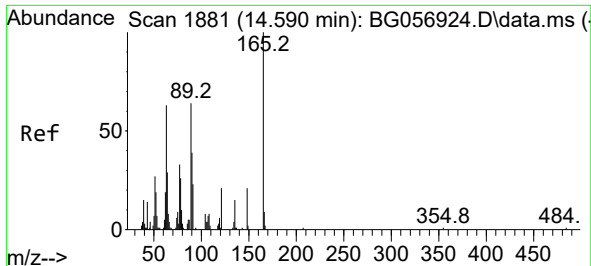
Tgt Ion:152 Resp: 179754
Ion Ratio Lower Upper
152 100
151 21.8 18.2 27.2
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 44.519 ng
RT: 14.470 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:163 Resp: 160623
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 11.2 8.8 13.2

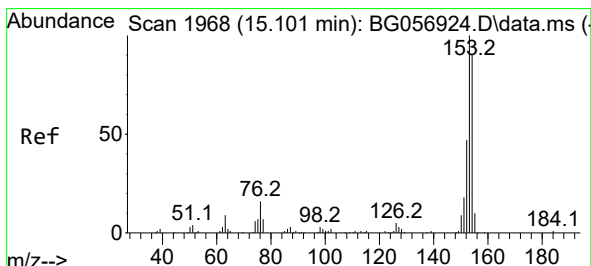
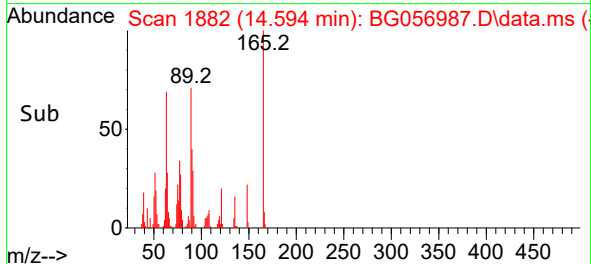
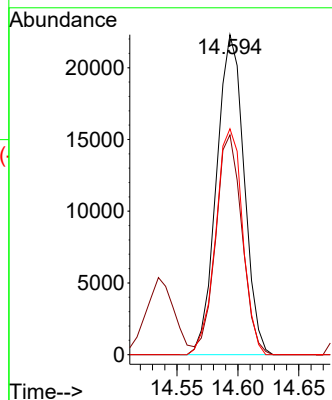
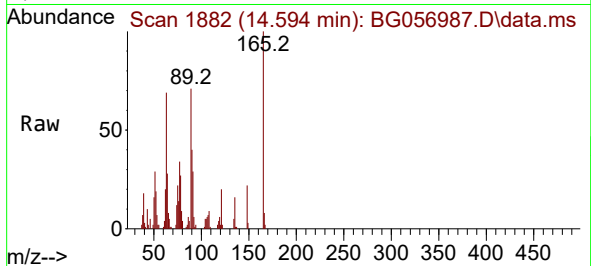




#51
2,6-Dinitrotoluene
Concen: 44.977 ng
RT: 14.594 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

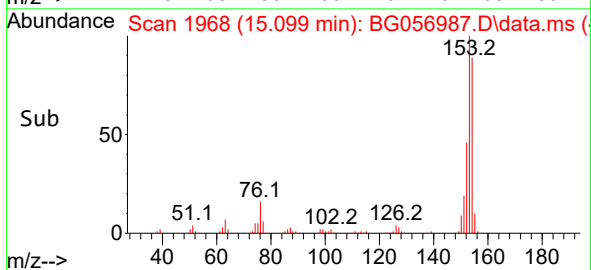
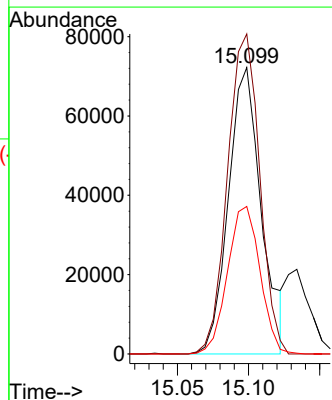
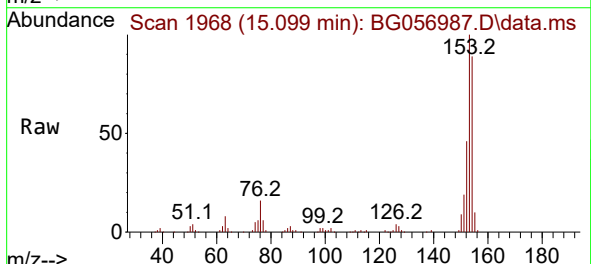
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

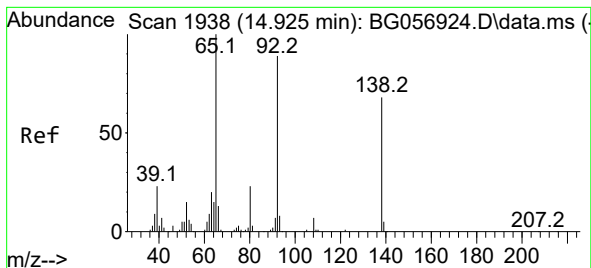
Tgt Ion:165 Resp: 35061
Ion Ratio Lower Upper
165 100
63 68.7 53.0 79.6
89 70.6 51.0 76.4



#52
Acenaphthene
Concen: 41.360 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:154 Resp: 116187
Ion Ratio Lower Upper
154 100
153 111.8 88.9 133.3
152 51.5 41.8 62.8

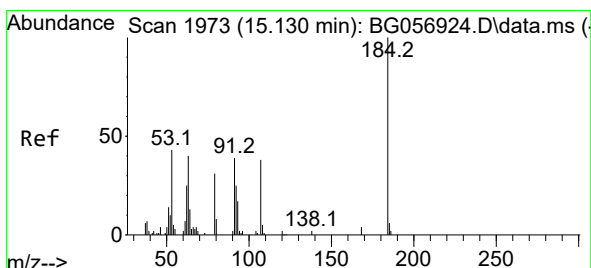
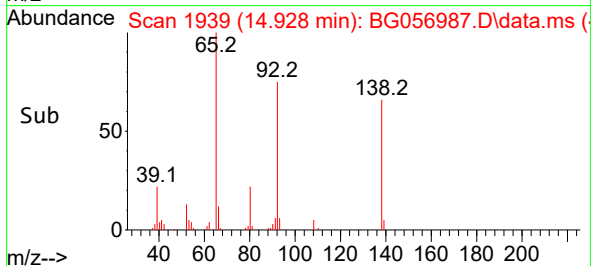
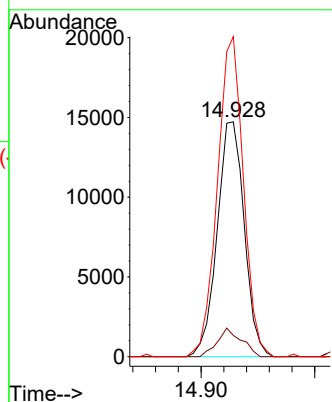
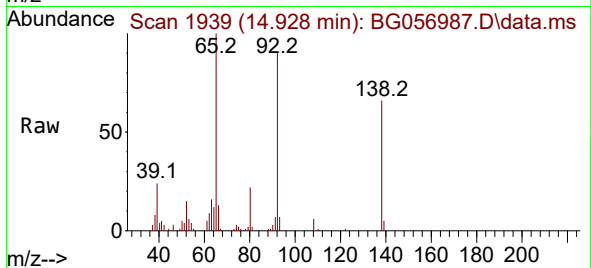




#53
3-Nitroaniline
Concen: 31.530 ng
RT: 14.928 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

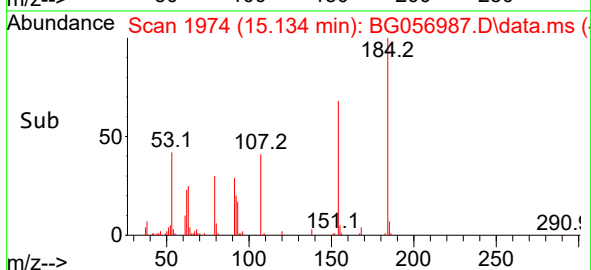
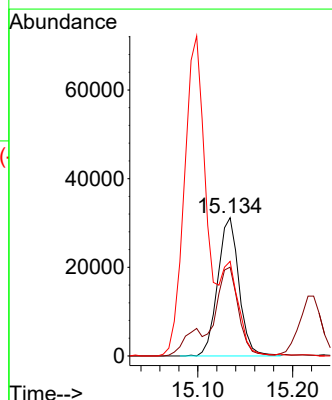
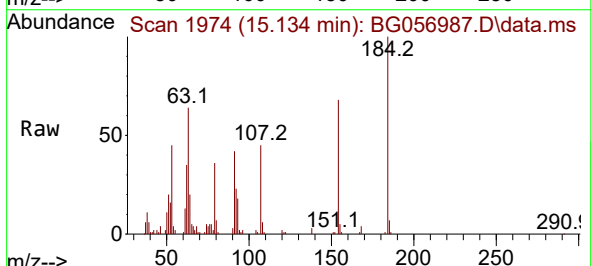
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

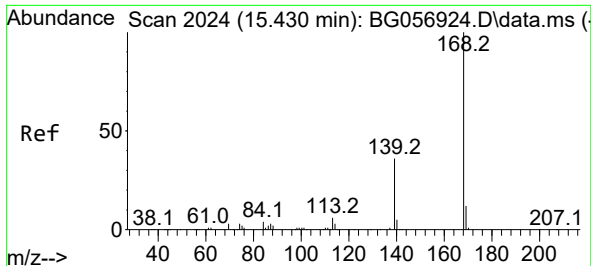
Tgt Ion:138 Resp: 24328
Ion Ratio Lower Upper
138 100
108 9.1 8.2 12.2
92 136.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 110.389 ng
RT: 15.134 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:184 Resp: 48435
Ion Ratio Lower Upper
184 100
63 64.3 46.5 69.7
154 68.4 53.5 80.3

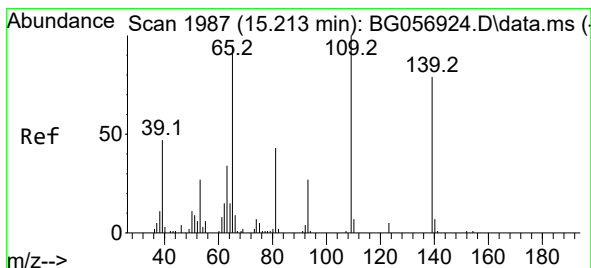
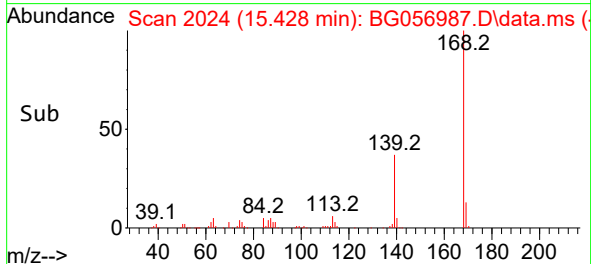
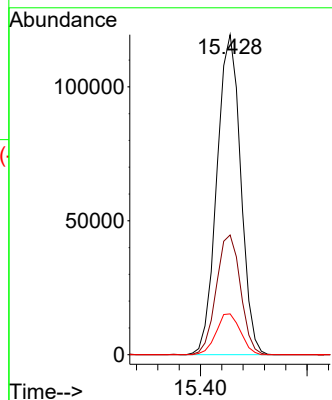
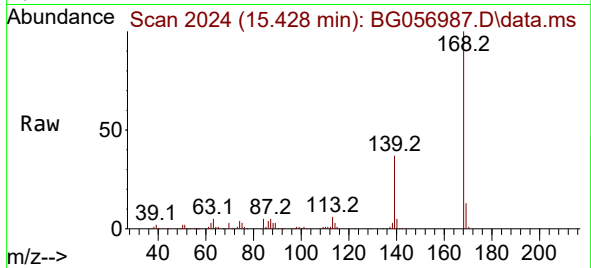




#55
Dibenzenofuran
Concen: 43.830 ng
RT: 15.428 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

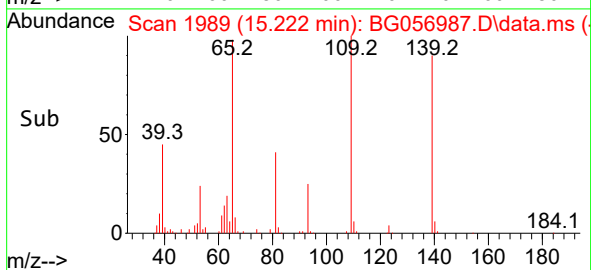
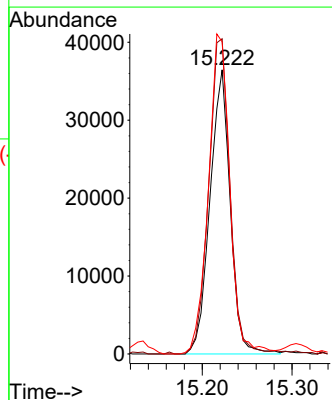
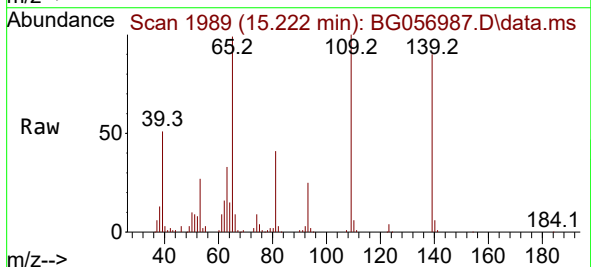
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

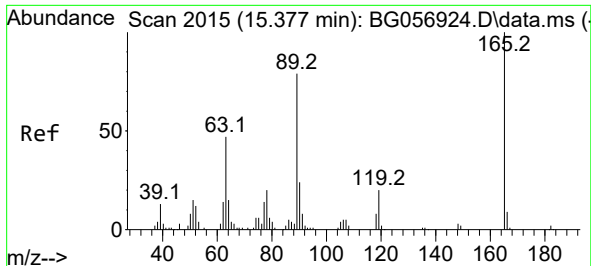
Tgt Ion:168 Resp: 184798
Ion Ratio Lower Upper
168 100
139 37.4 28.9 43.3
169 12.7 9.8 14.6



#56
4-Nitrophenol
Concen: 100.130 ng
RT: 15.222 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:139 Resp: 57131
Ion Ratio Lower Upper
139 100
109 110.9 106.7 146.7
65 109.8 100.5 140.5

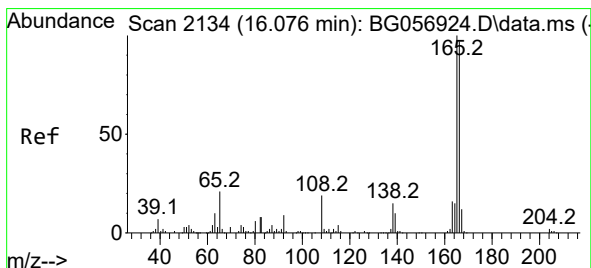
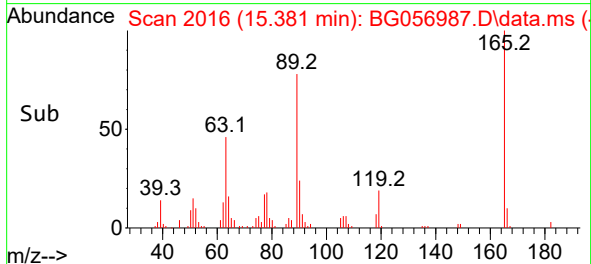
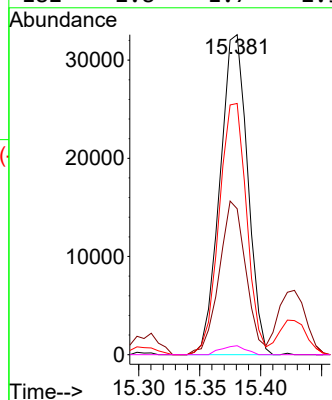
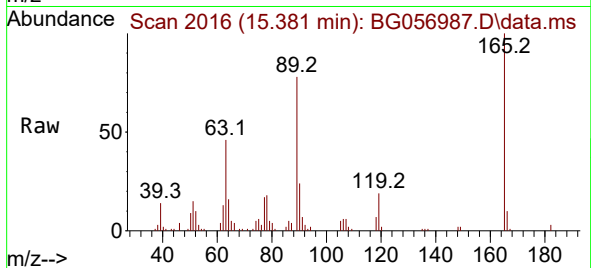




#57
2,4-Dinitrotoluene
Concen: 46.746 ng
RT: 15.381 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

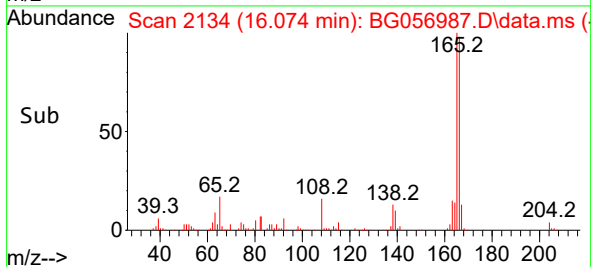
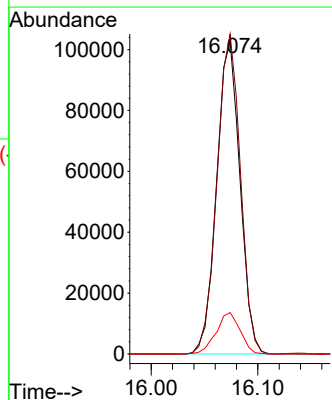
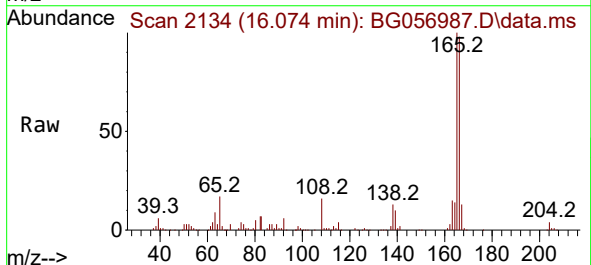
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

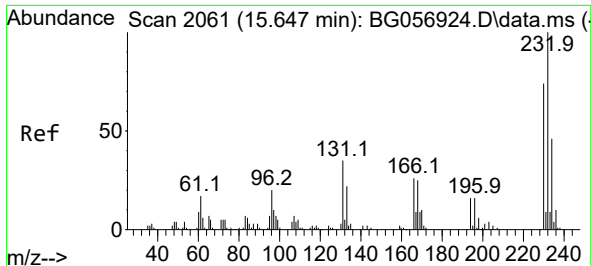
Tgt Ion:165 Resp: 51394
Ion Ratio Lower Upper
165 100
63 45.6 37.7 56.5
89 78.5 63.2 94.8
182 2.8 1.7 2.5#



#58
Fluorene
Concen: 44.698 ng
RT: 16.074 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:166 Resp: 155948
Ion Ratio Lower Upper
166 100
165 102.1 82.6 123.8
167 13.3 10.2 15.2

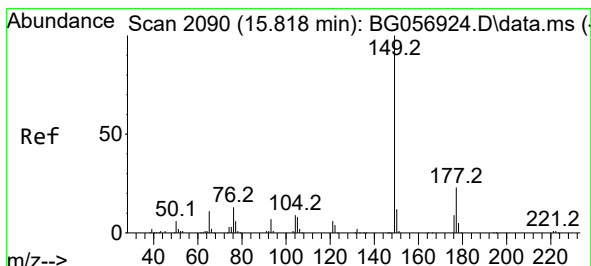
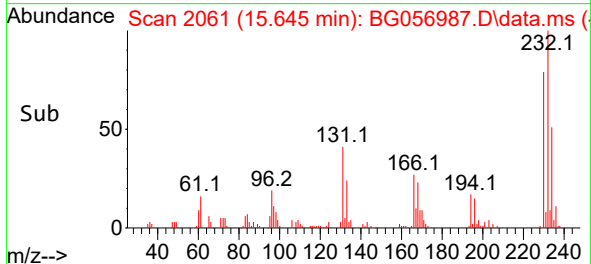
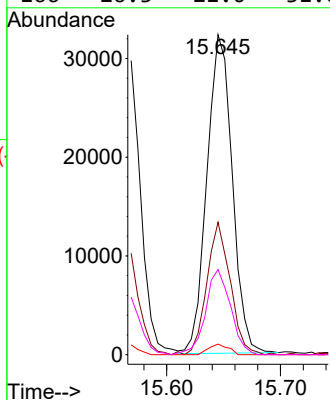
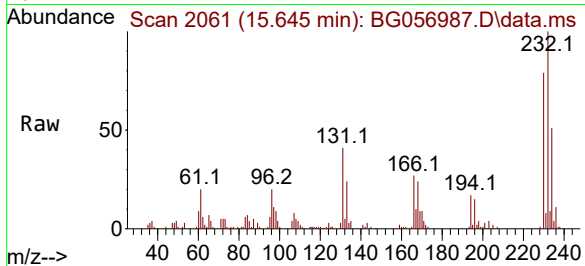




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.732 ng
RT: 15.645 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

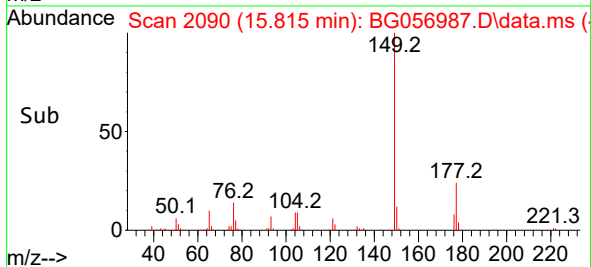
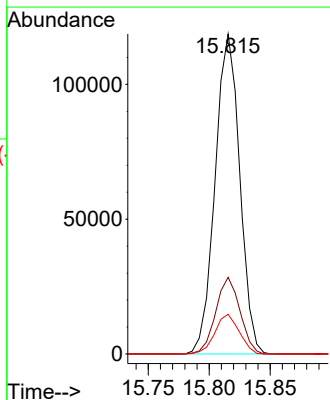
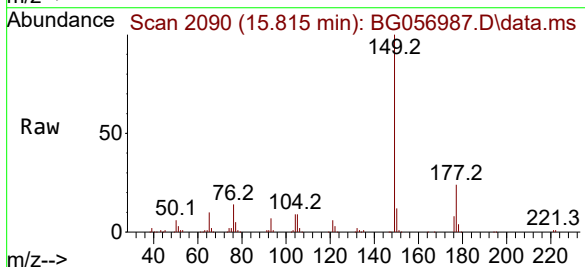
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

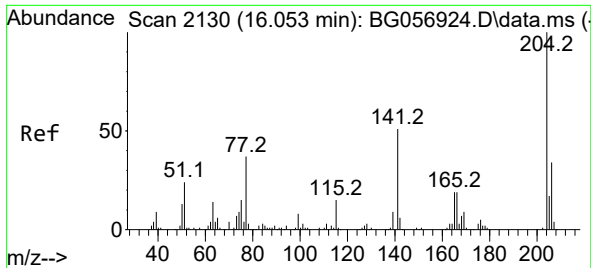
Tgt Ion:232 Resp: 49983
Ion Ratio Lower Upper
232 100
131 38.5 29.3 43.9
130 2.6 1.7 2.5#
166 26.3 21.0 31.6



#60
Diethylphthalate
Concen: 46.047 ng
RT: 15.815 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:149 Resp: 166549
Ion Ratio Lower Upper
149 100
177 23.9 18.8 28.2
150 12.4 9.4 14.2

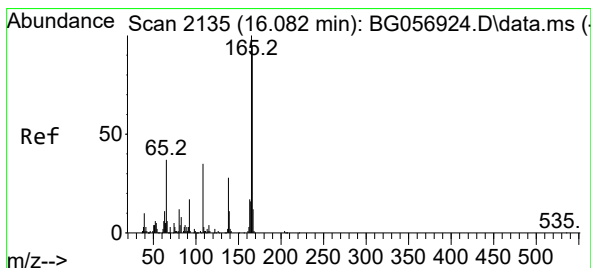
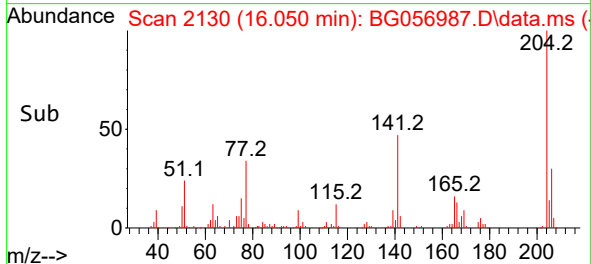
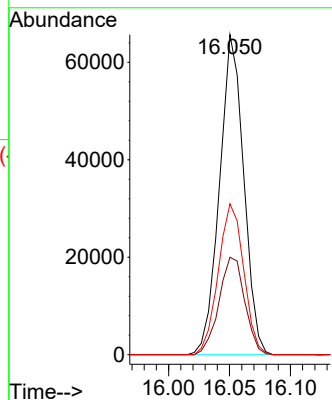
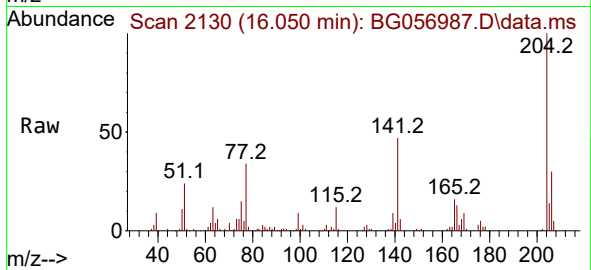




#61
4-Chlorophenyl-phenylether
Concen: 44.278 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

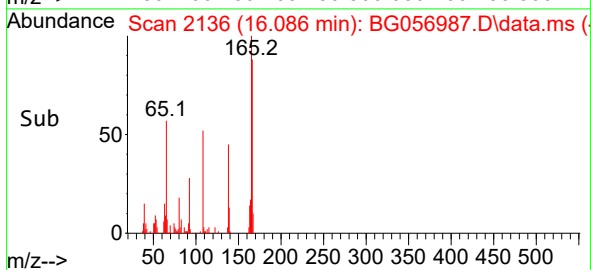
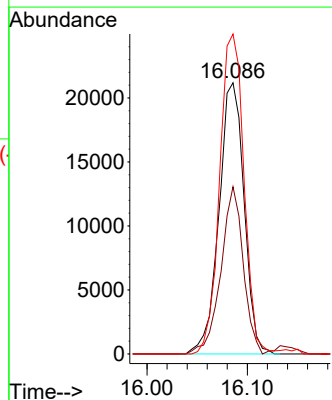
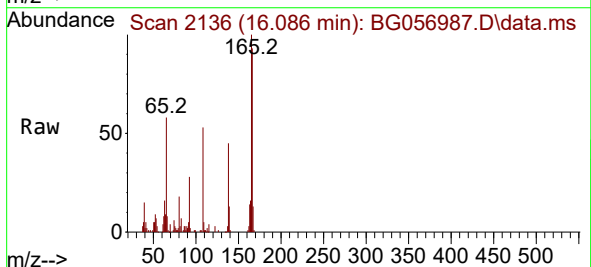
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

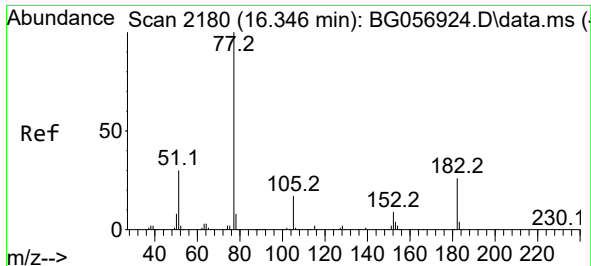
Tgt Ion:204 Resp: 90702
Ion Ratio Lower Upper
204 100
206 30.4 27.2 40.8
141 47.1 40.7 61.1



#62
4-Nitroaniline
Concen: 45.924 ng
RT: 16.086 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:138 Resp: 36713
Ion Ratio Lower Upper
138 100
92 61.7 40.9 80.9
108 118.0 104.3 144.3

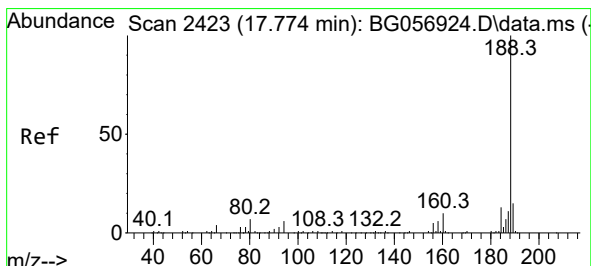
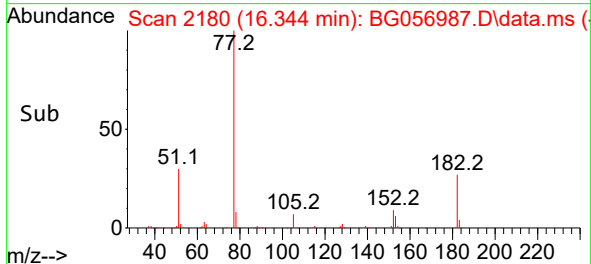
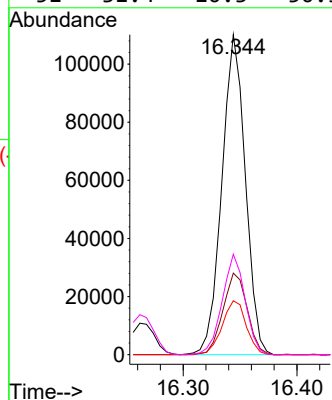
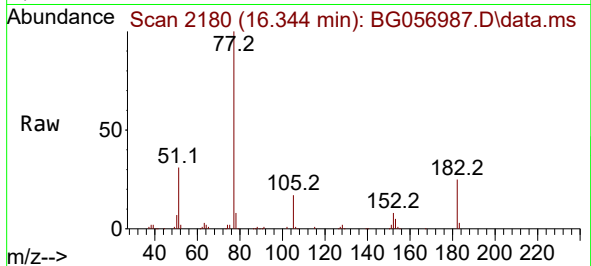




#63
Azobenzene
Concen: 43.815 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

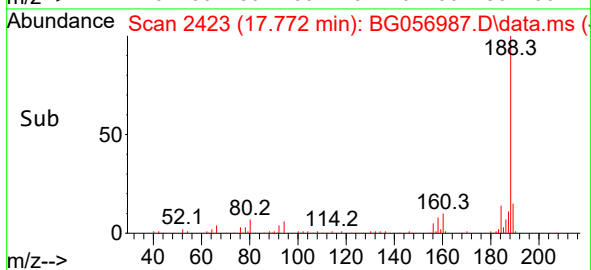
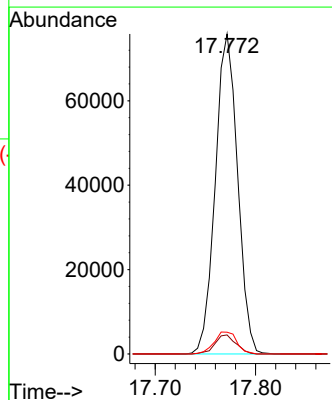
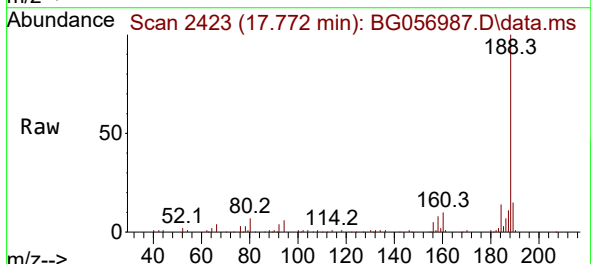
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

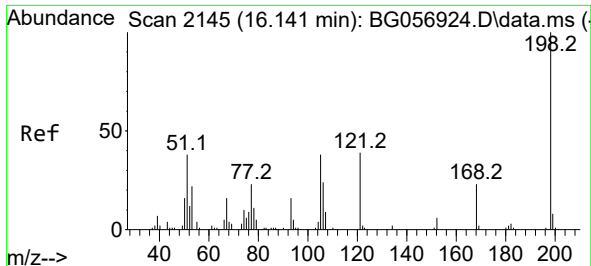
Tgt Ion: 77 Resp: 157935
Ion Ratio Lower Upper
77 100
182 25.5 5.9 45.9
105 16.8 0.0 36.8
51 31.4 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.772 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion: 188 Resp: 116691
Ion Ratio Lower Upper
188 100
94 6.0 4.6 6.8
80 6.8 5.5 8.3

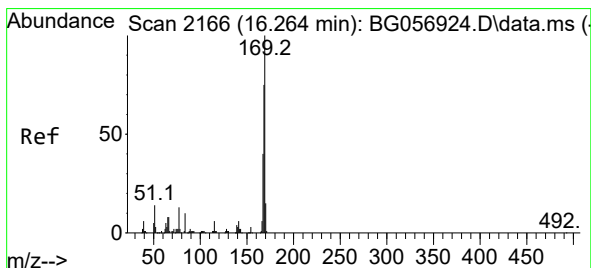
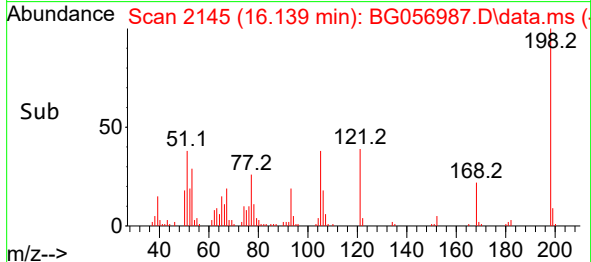
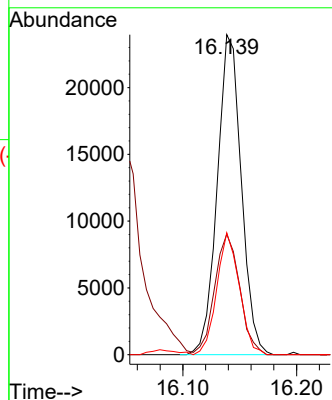
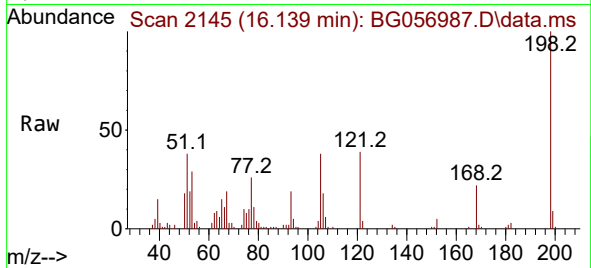




#65
4,6-Dinitro-2-methylphenol
Concen: 49.900 ng
RT: 16.139 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

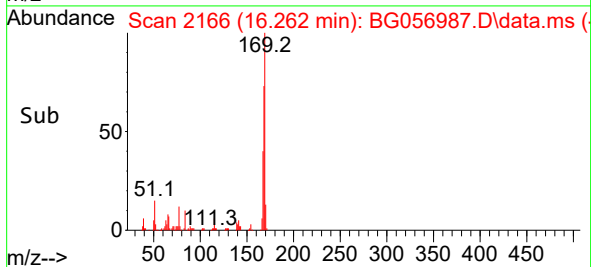
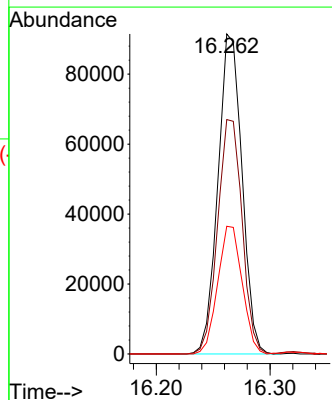
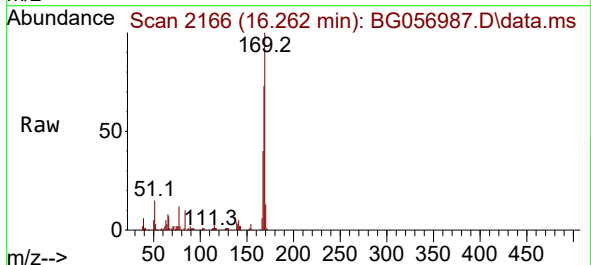
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

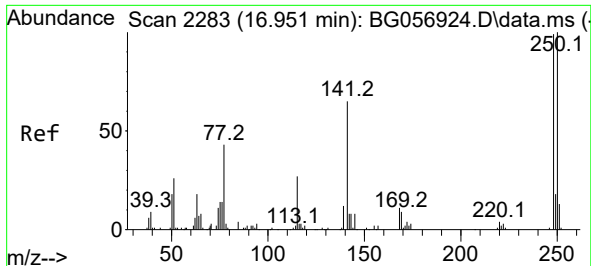
Tgt Ion:198 Resp: 35266
Ion Ratio Lower Upper
198 100
51 37.6 20.5 60.5
105 38.1 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 42.967 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:169 Resp: 134595
Ion Ratio Lower Upper
169 100
168 73.2 59.6 89.4
167 39.9 31.8 47.8

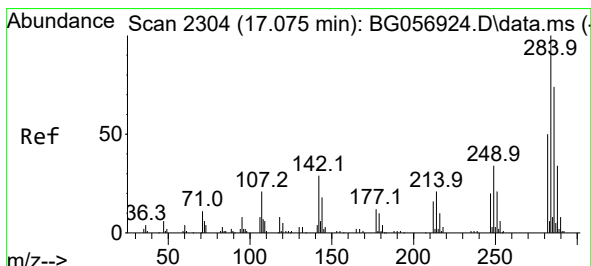
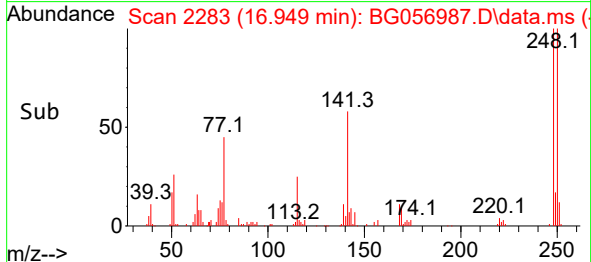
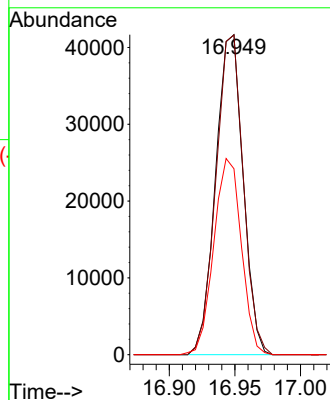
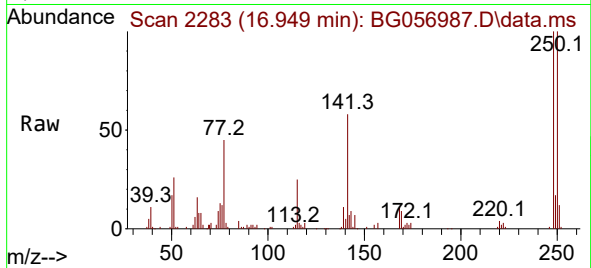




#67
4-Bromophenyl-phenylether
Concen: 42.030 ng
RT: 16.949 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

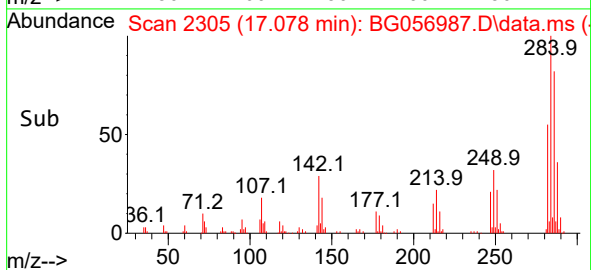
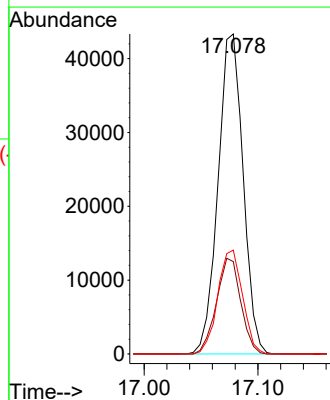
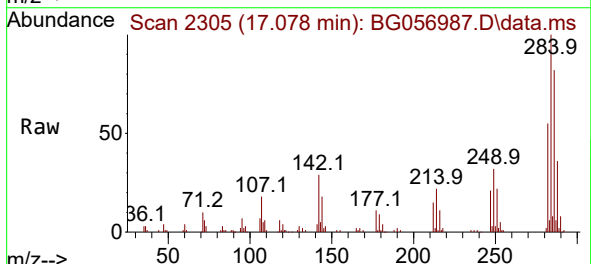
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

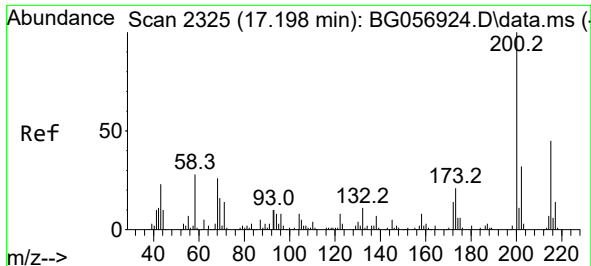
Tgt Ion:248 Resp: 60685
Ion Ratio Lower Upper
248 100
250 99.9 80.5 120.7
141 58.1 52.0 78.0



#68
Hexachlorobenzene
Concen: 46.445 ng
RT: 17.078 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:284 Resp: 66298
Ion Ratio Lower Upper
284 100
142 28.9 23.0 34.4
249 32.4 27.1 40.7

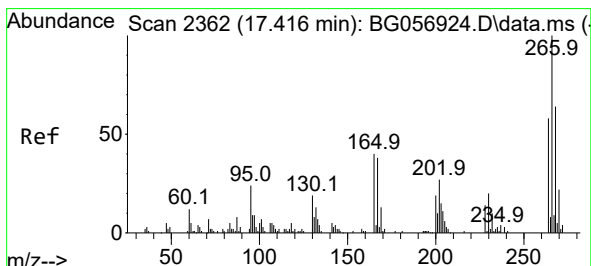
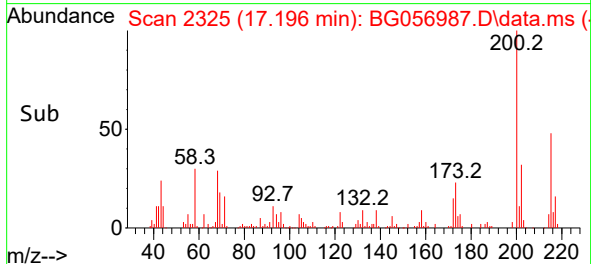
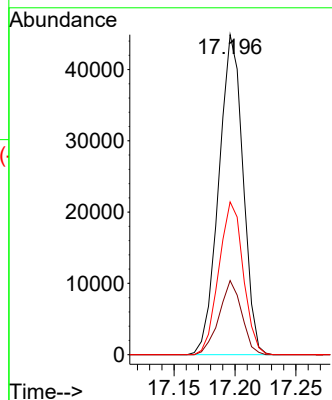
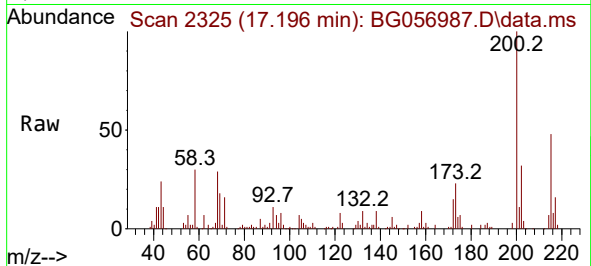




#69
 Atrazine
 Concen: 47.720 ng
 RT: 17.196 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

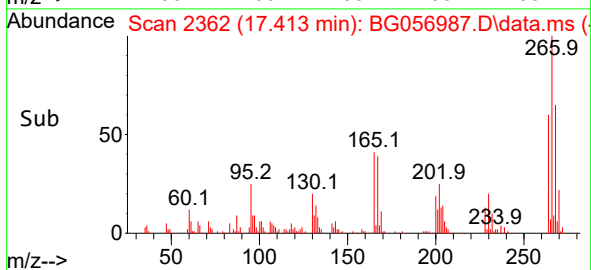
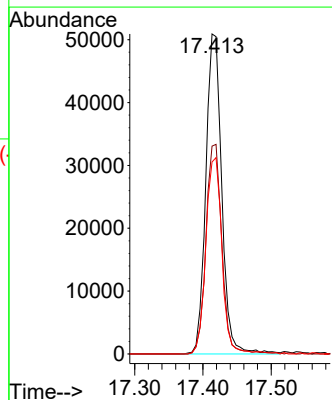
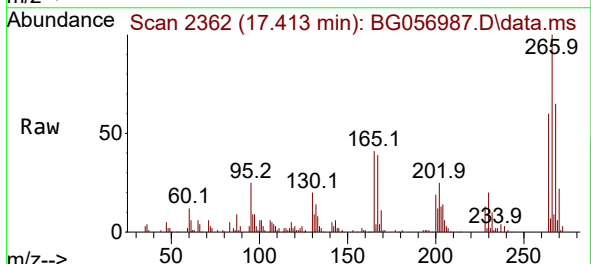
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BSD

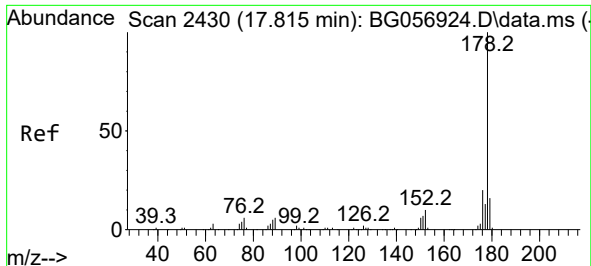
Tgt Ion:200 Resp: 62051
 Ion Ratio Lower Upper
 200 100
 173 23.1 1.0 41.0
 215 47.7 25.0 65.0



#70
 Pentachlorophenol
 Concen: 81.048 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.000 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

Tgt Ion:266 Resp: 83000
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.0 76.6
 264 60.0 46.8 70.2

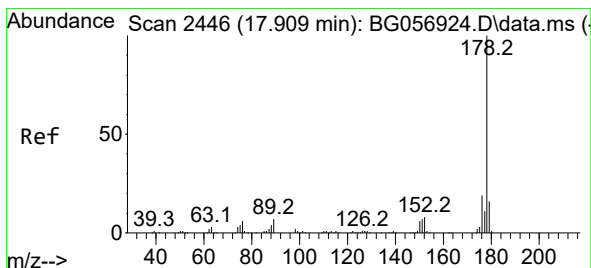
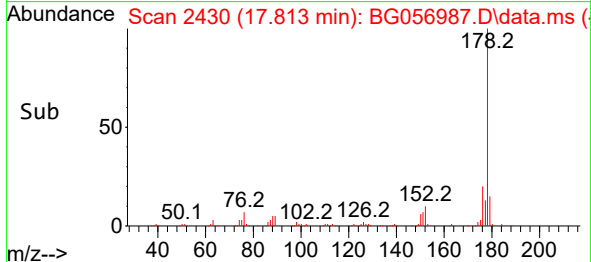
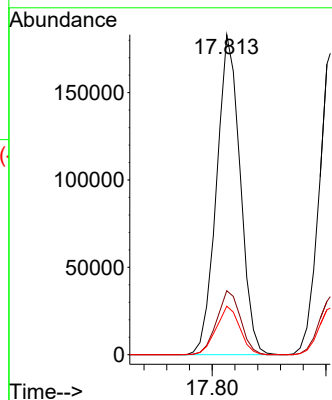
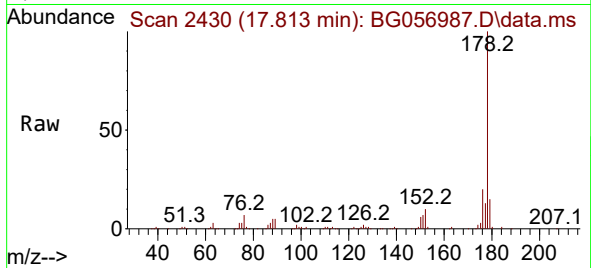




#71
Phenanthrene
Concen: 44.399 ng
RT: 17.813 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

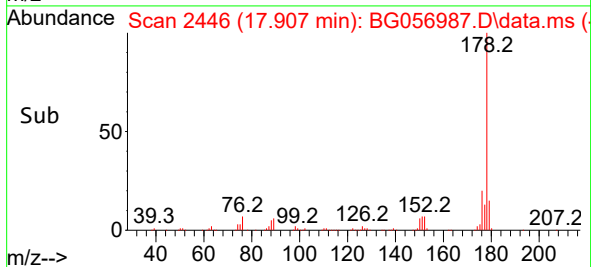
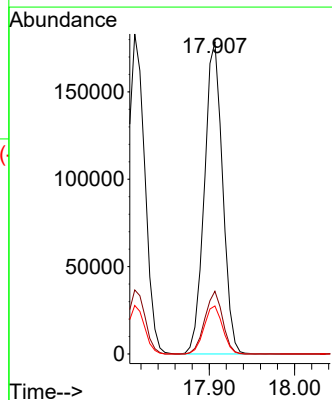
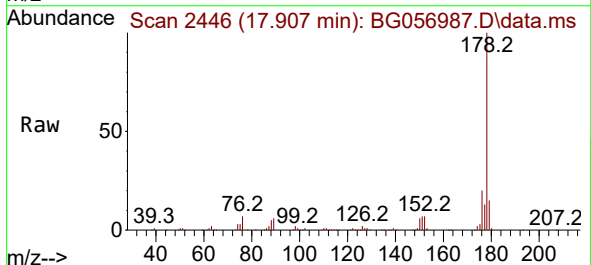
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

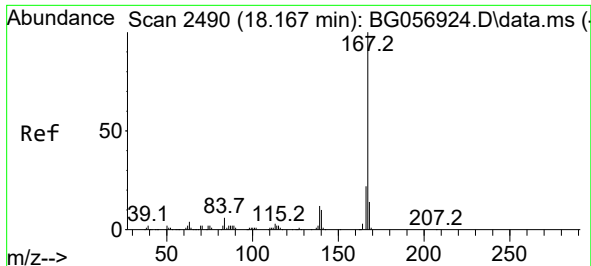
Tgt Ion:178 Resp: 264148
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.2 12.5 18.7



#72
Anthracene
Concen: 43.406 ng
RT: 17.907 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:178 Resp: 264732
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 15.4 12.4 18.6

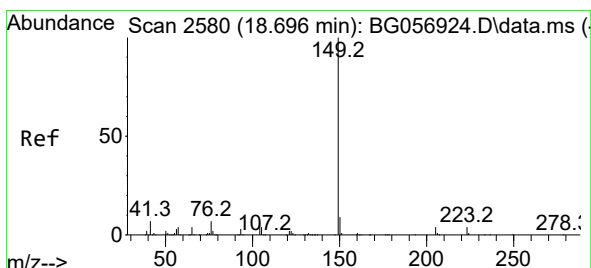
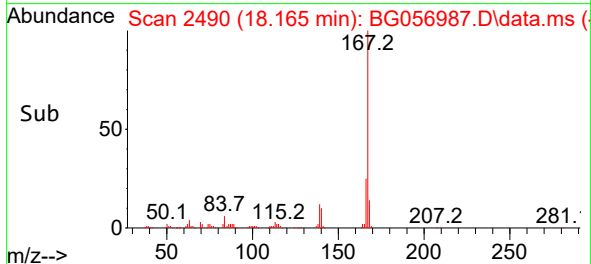
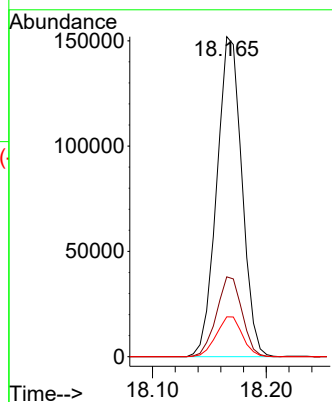
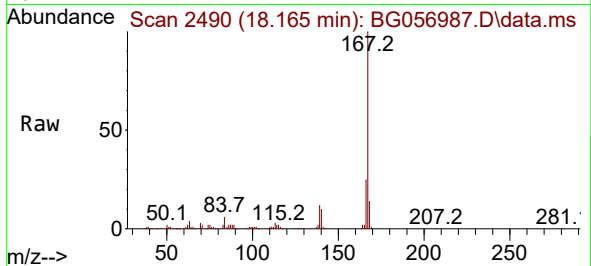




#73
 Carbazole
 Concen: 43.865 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.000 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

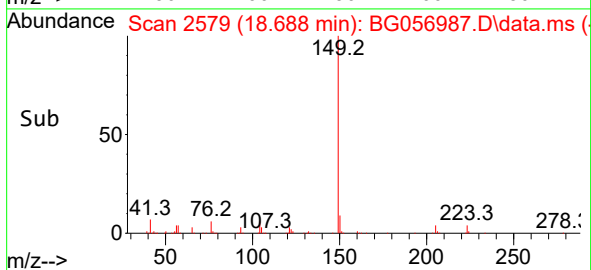
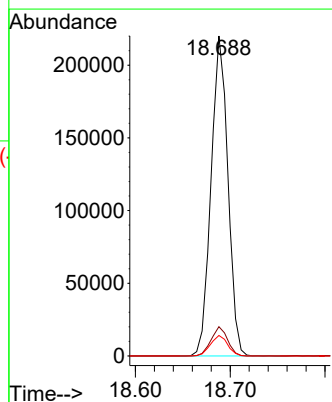
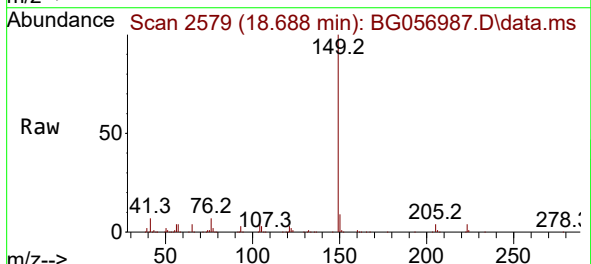
Instrument :
 BNA_G
 ClientSampleId :
 PB151898BSD

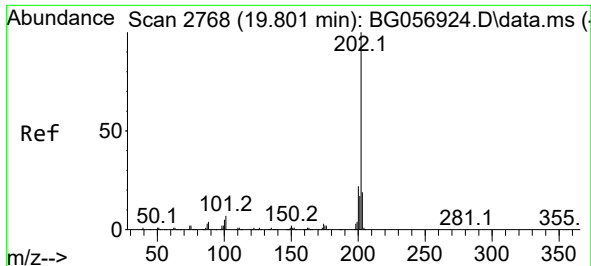
Tgt Ion:167 Resp: 233252
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.9 26.9
 139 12.5 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 43.974 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.000 min
 Lab File: BG056987.D
 Acq: 5 Apr 2023 12:04

Tgt Ion:149 Resp: 270770
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.4 4.9 7.3

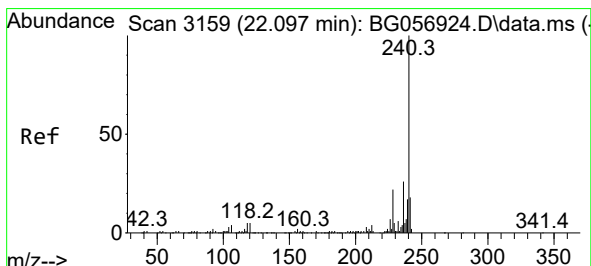
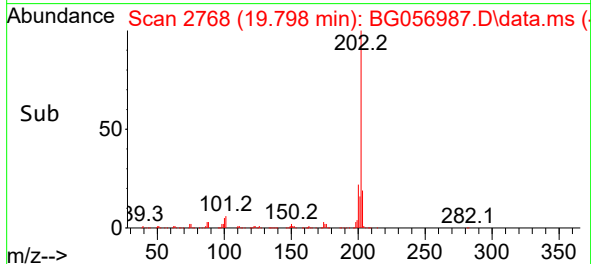
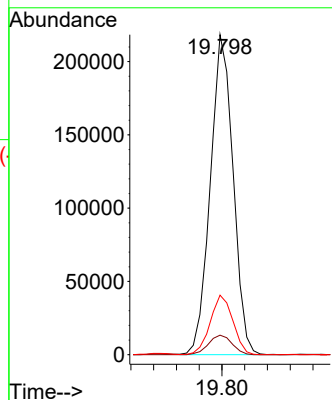
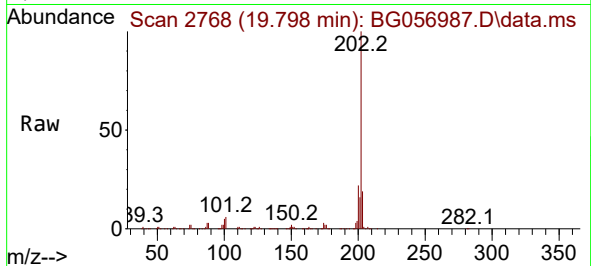




#75
Fluoranthene
Concen: 40.278 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

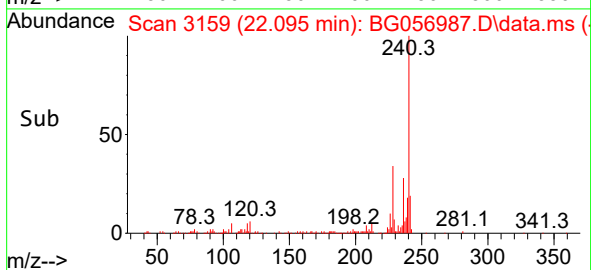
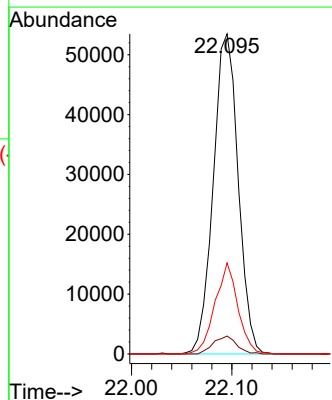
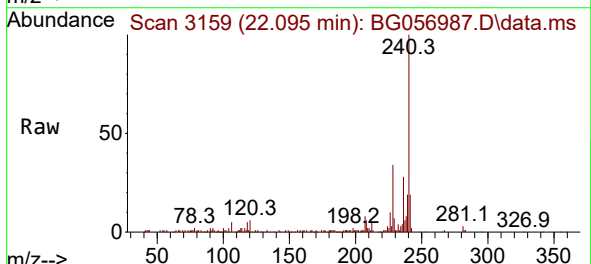
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

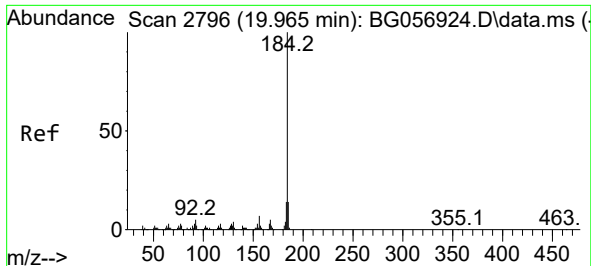
Tgt Ion:202 Resp: 303773
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.7
203 18.6 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:240 Resp: 92034
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 28.5 21.0 31.6

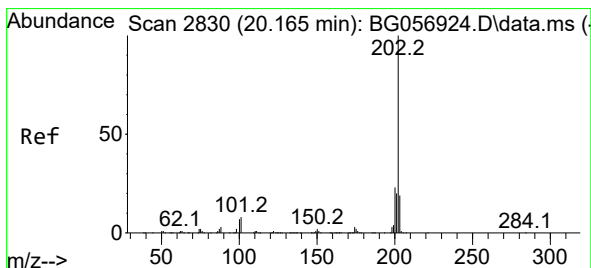
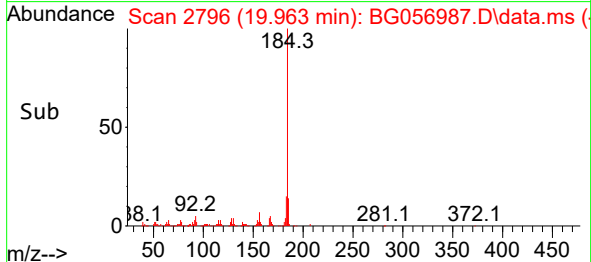
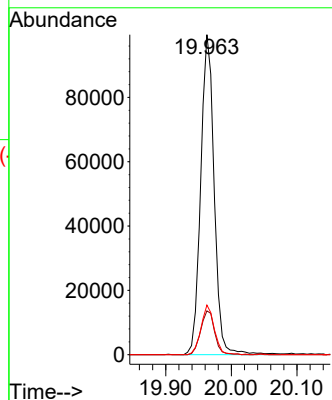
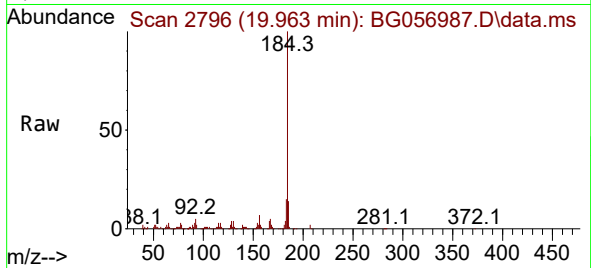




#77
Benzidine
Concen: 56.663 ng
RT: 19.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

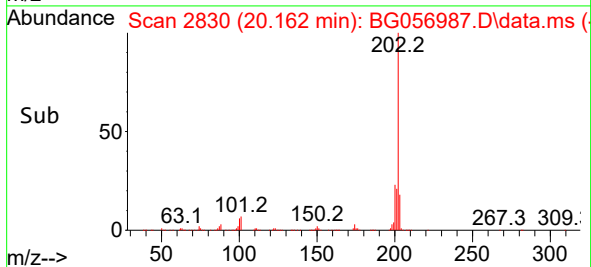
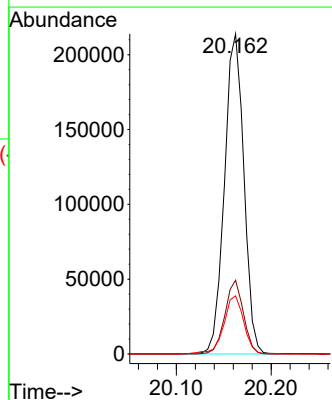
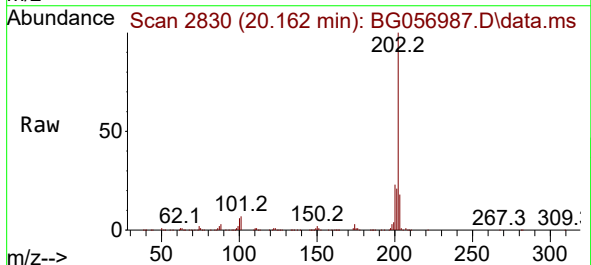
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

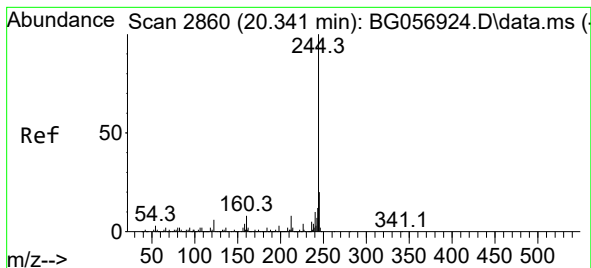
Tgt Ion:184 Resp: 142542
Ion Ratio Lower Upper
184 100
185 13.7 11.0 16.4
183 15.5 11.4 17.0



#78
Pyrene
Concen: 47.793 ng
RT: 20.162 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:202 Resp: 304229
Ion Ratio Lower Upper
202 100
200 23.0 18.7 28.1
203 18.1 15.4 23.2





#79

Terphenyl-d14

Concen: 103.281 ng

RT: 20.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

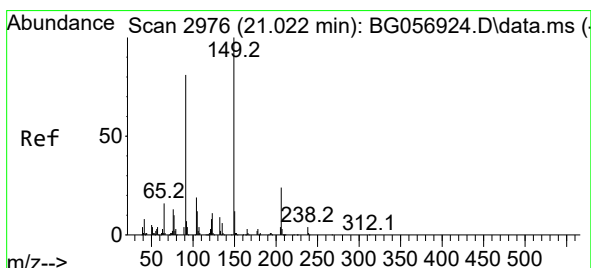
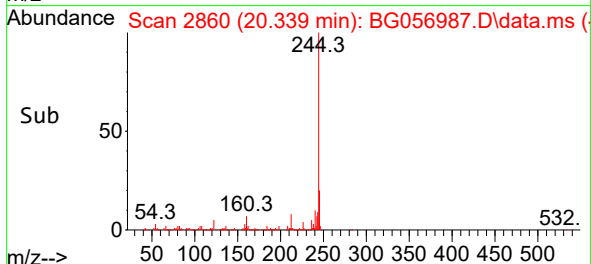
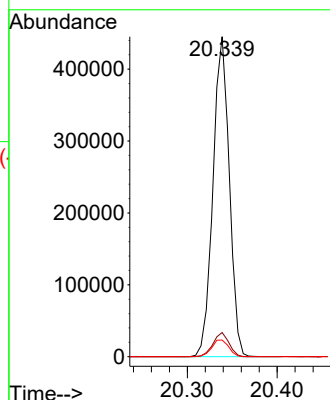
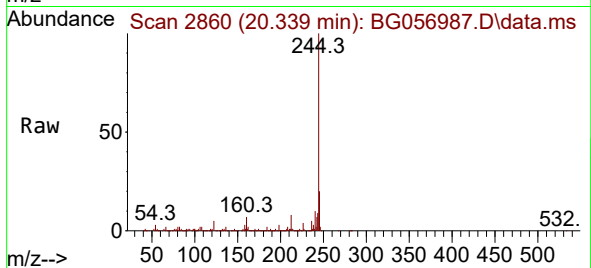
Tgt Ion:244 Resp: 561728

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 5.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 46.797 ng

RT: 21.020 min Scan# 2976

Delta R.T. 0.006 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

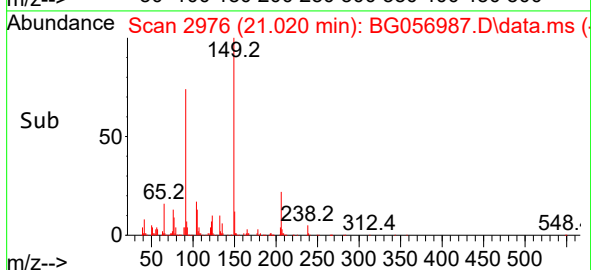
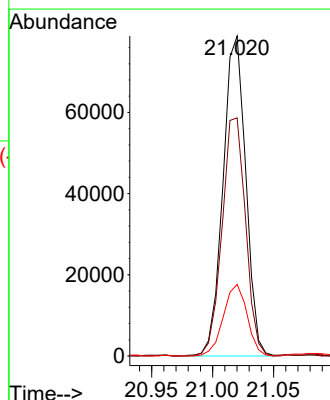
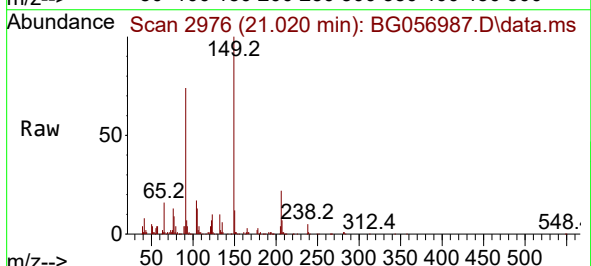
Tgt Ion:149 Resp: 102509

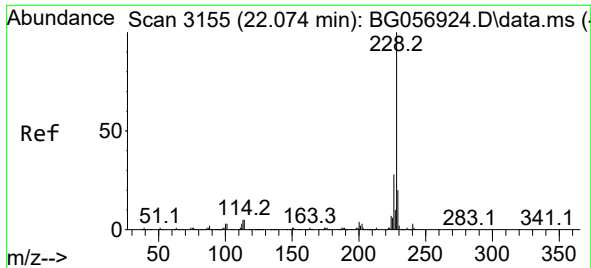
Ion Ratio Lower Upper

149 100

91 74.4 64.4 96.6

206 22.4 18.9 28.3

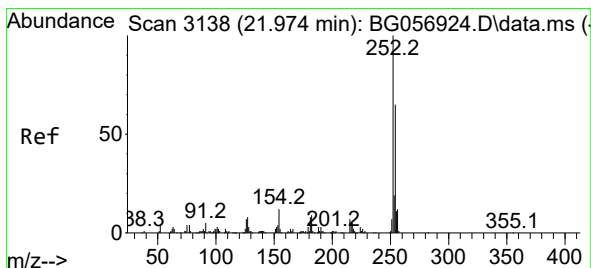
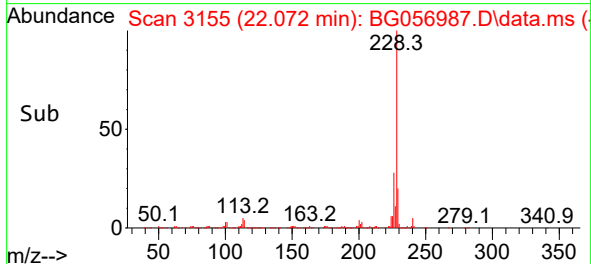
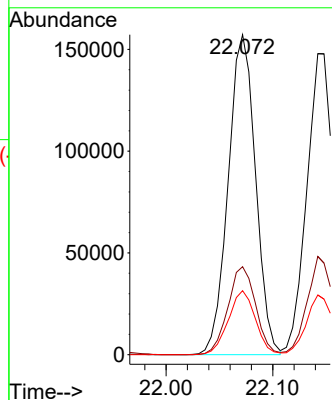
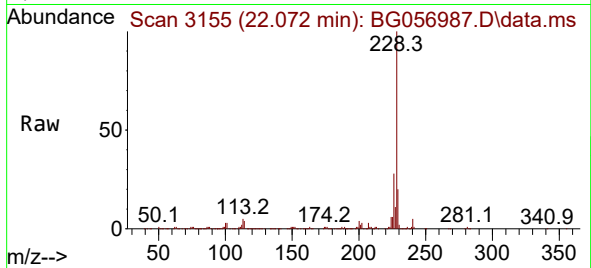




#81
Benzo(a)anthracene
Concen: 44.057 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

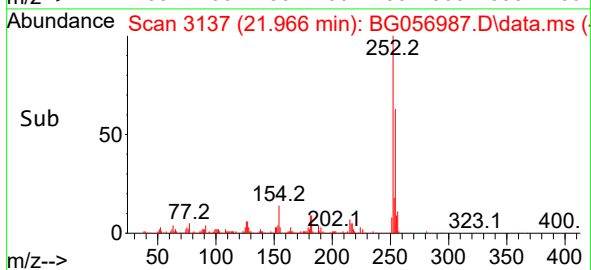
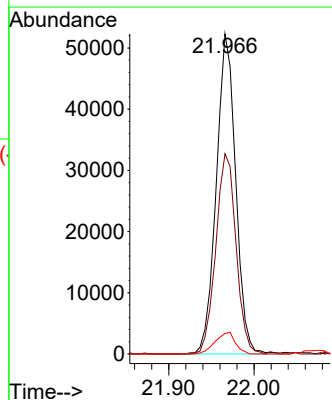
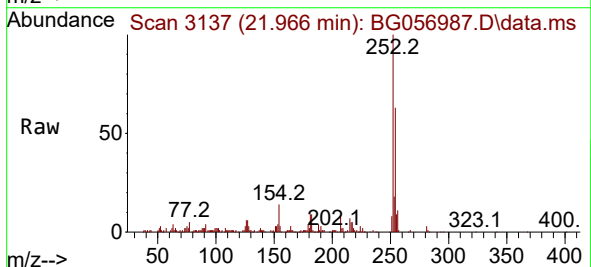
Instrument :
BNA_G
ClientSampleId :
PB151898BSD

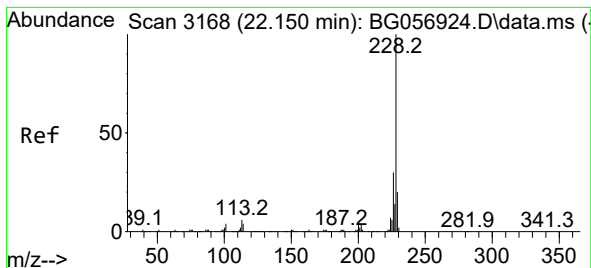
Tgt Ion:228 Resp: 280585
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.439 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:252 Resp: 82667
Ion Ratio Lower Upper
252 100
254 62.6 51.7 77.5
126 6.4 5.6 8.4





#83

Chrysene

Concen: 43.295 ng

RT: 22.142 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

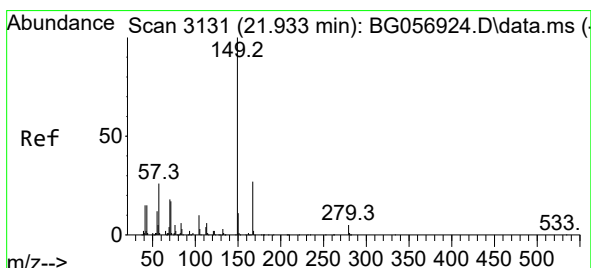
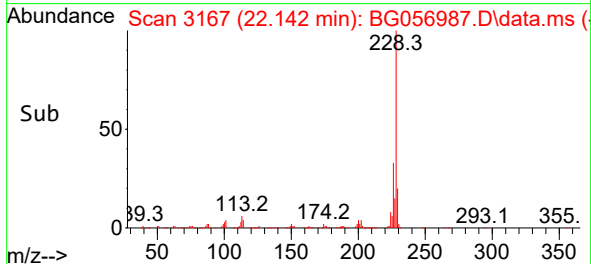
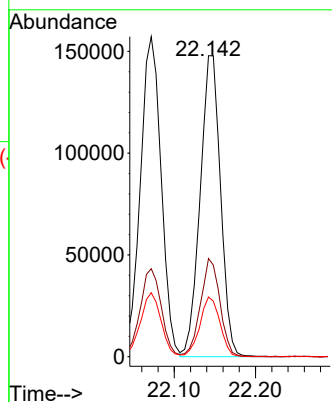
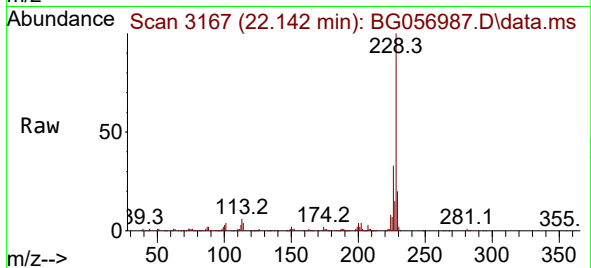
Tgt Ion:228 Resp: 258177

Ion Ratio Lower Upper

228 100

226 32.7 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.996 ng

RT: 21.925 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

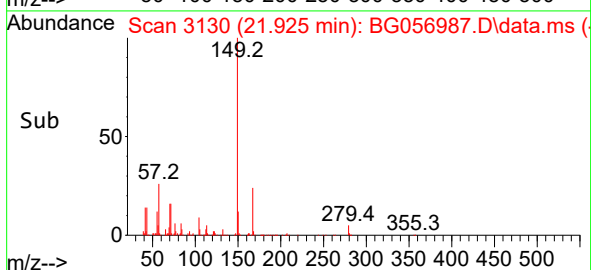
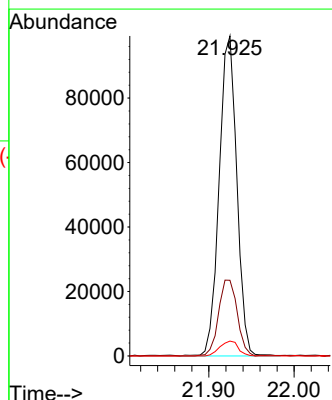
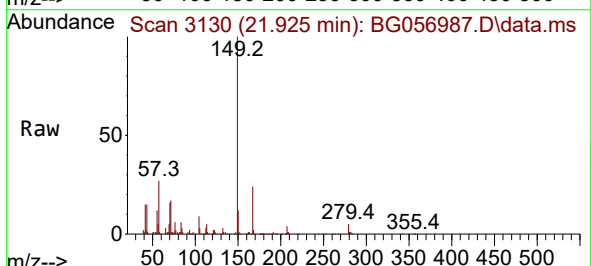
Tgt Ion:149 Resp: 142722

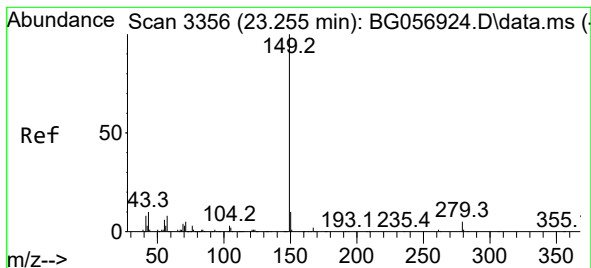
Ion Ratio Lower Upper

149 100

167 23.7 21.4 32.2

279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.841 ng

RT: 23.241 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

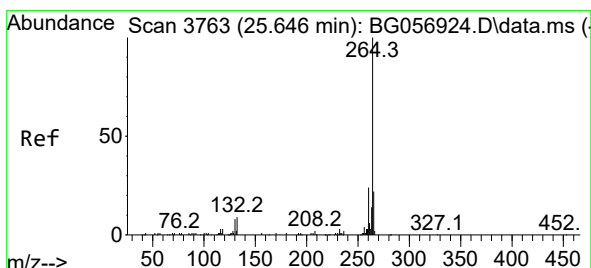
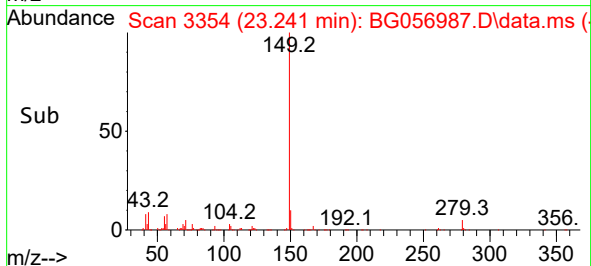
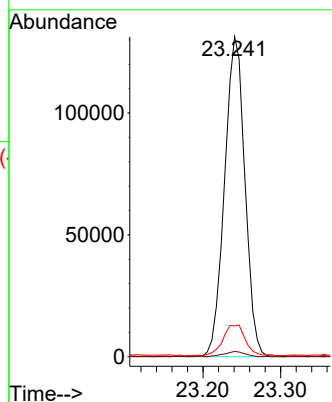
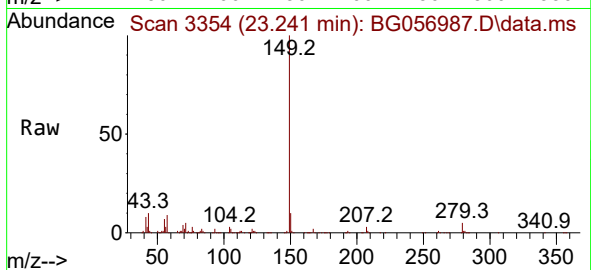
Tgt Ion:149 Resp: 239686

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.643 min Scan# 3763

Delta R.T. 0.012 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

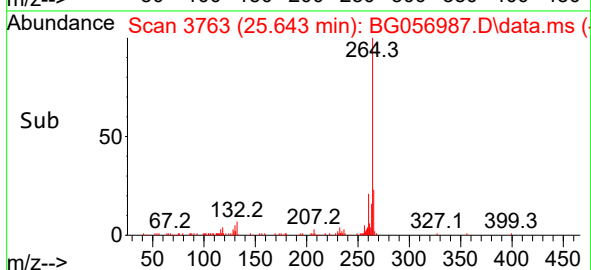
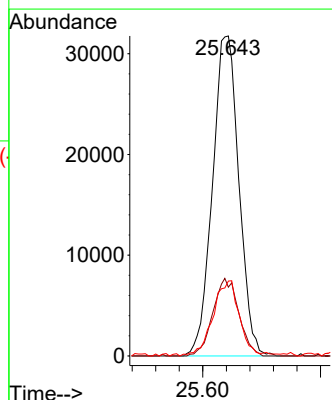
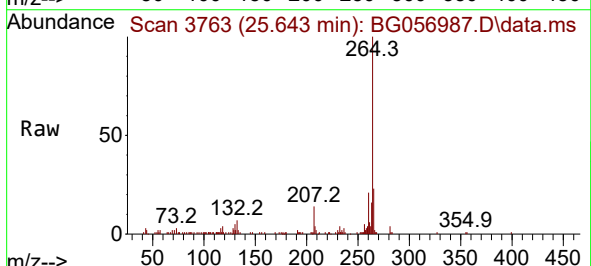
Tgt Ion:264 Resp: 99133

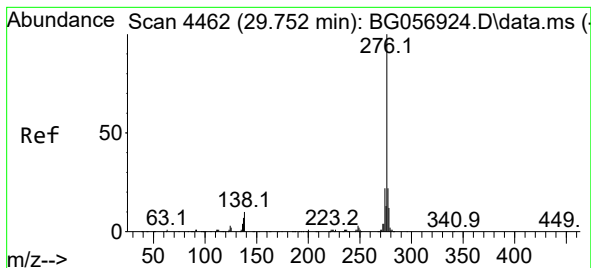
Ion Ratio Lower Upper

264 100

260 21.5 19.0 28.4

265 23.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.071 ng

RT: 29.744 min Scan# 4461

Delta R.T. 0.006 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

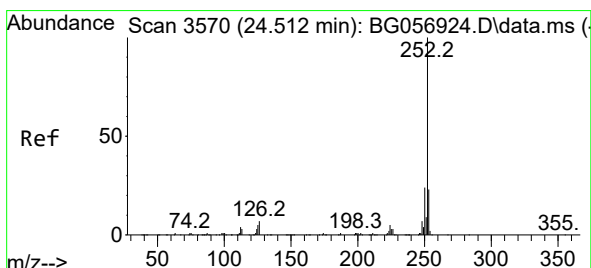
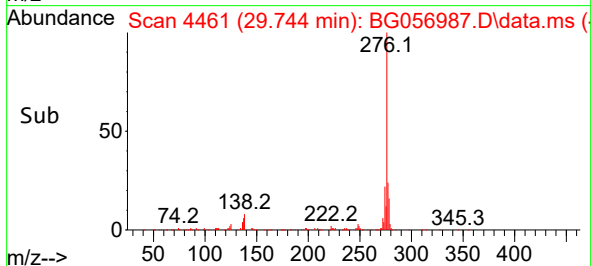
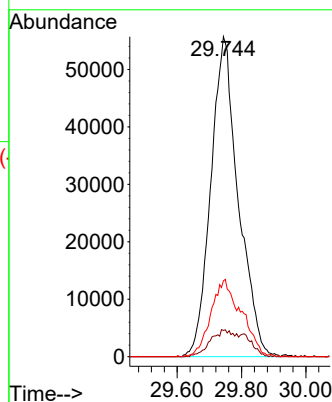
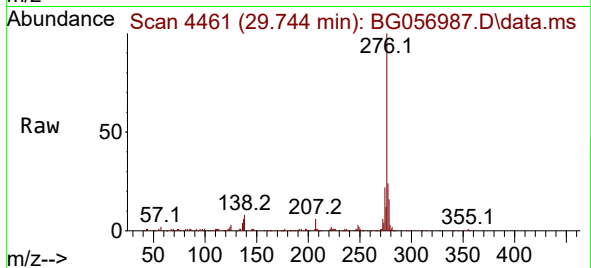
Tgt Ion:276 Resp: 330207

Ion Ratio Lower Upper

276 100

138 7.7 7.7 11.5

277 26.6 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 46.718 ng

RT: 24.504 min Scan# 3569

Delta R.T. -0.000 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

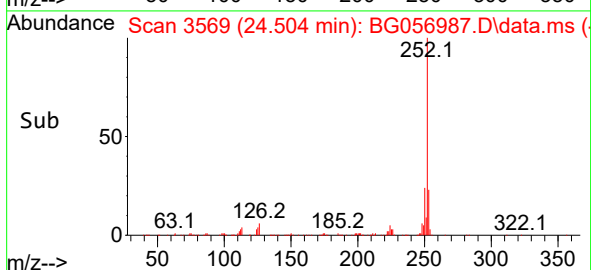
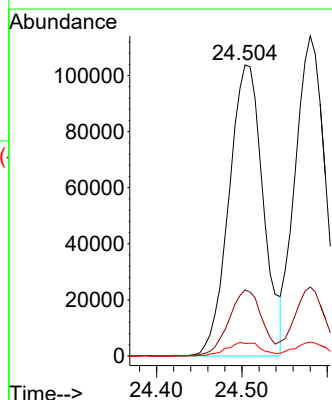
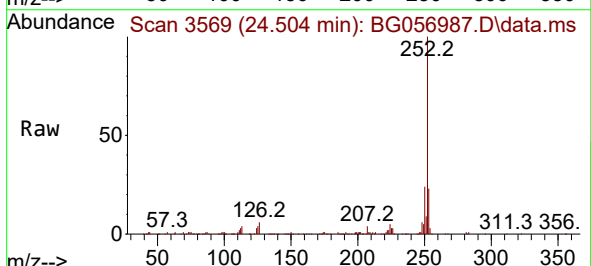
Tgt Ion:252 Resp: 289611

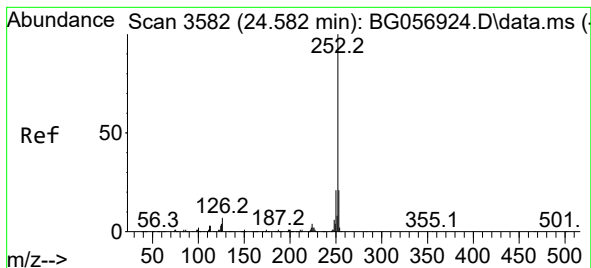
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 4.3 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 44.928 ng

RT: 24.580 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

Instrument :

BNA_G

ClientSampleId :

PB151898BSD

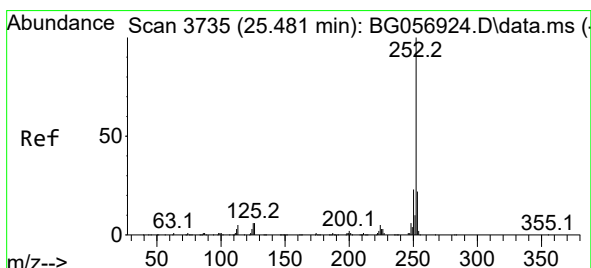
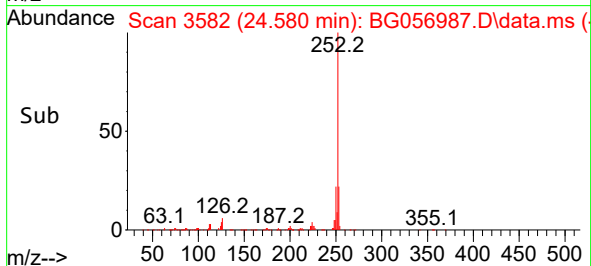
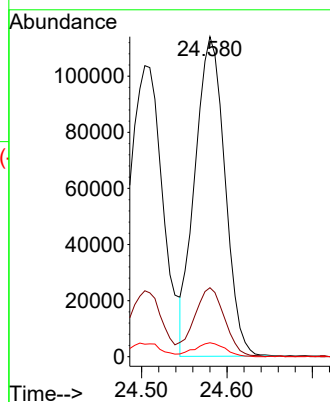
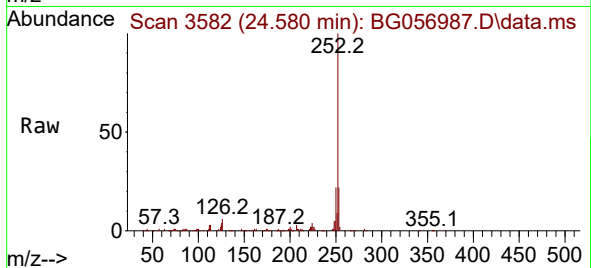
Tgt Ion:252 Resp: 278045

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 4.3 3.8 5.6



#90

Benzo(a)pyrene

Concen: 41.204 ng

RT: 25.473 min Scan# 3734

Delta R.T. 0.006 min

Lab File: BG056987.D

Acq: 5 Apr 2023 12:04

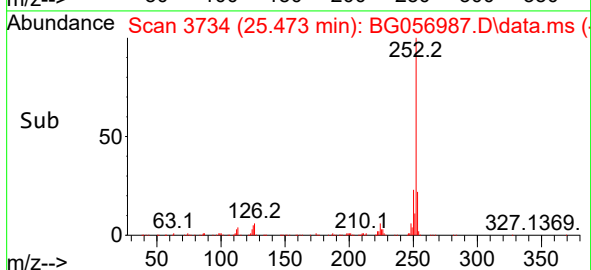
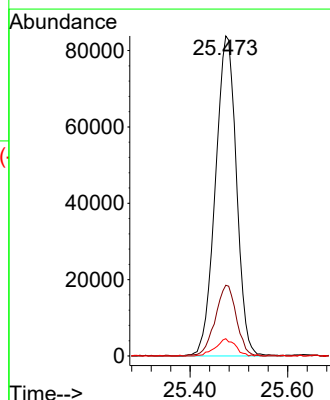
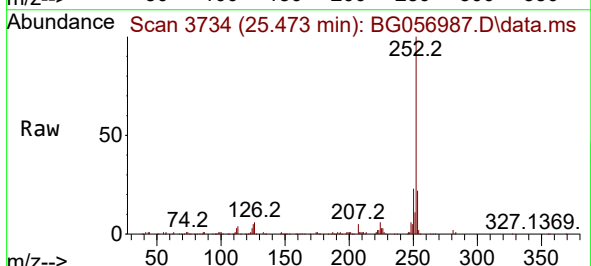
Tgt Ion:252 Resp: 250998

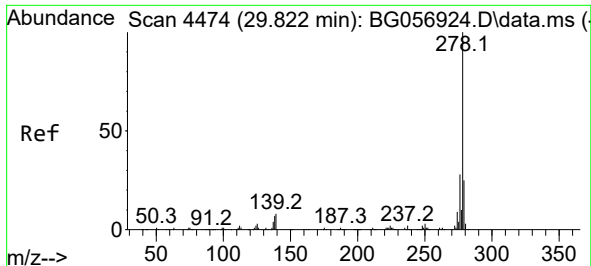
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 5.4 4.5 6.7

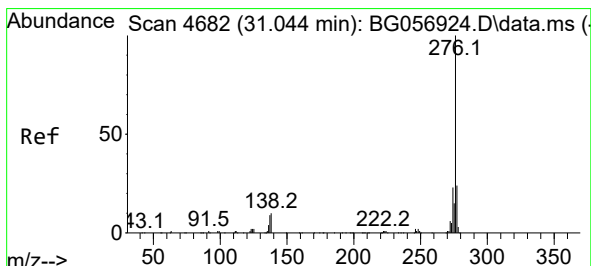
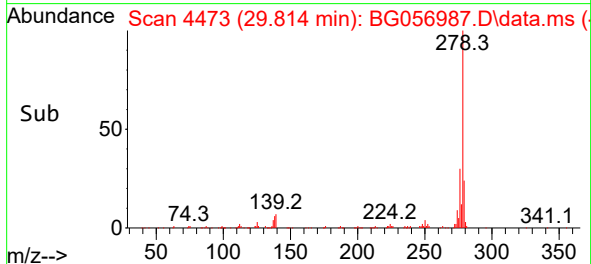
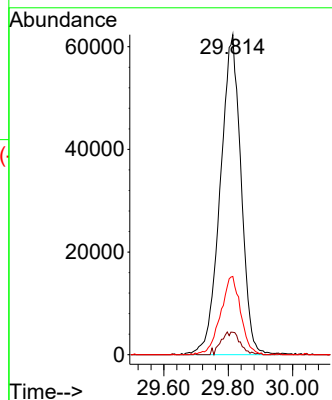
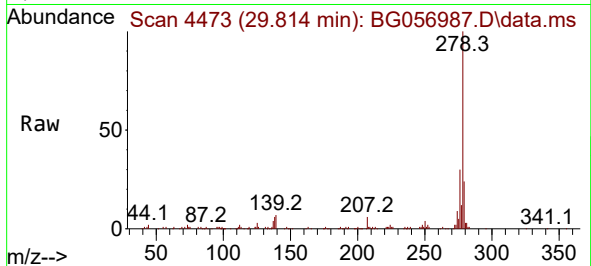




#91
Dibenzo(a,h)anthracene
Concen: 46.291 ng
RT: 29.814 min Scan# 4474
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Instrument :
BNA_G
ClientSampleId :
PB151898BSD

Tgt Ion:278 Resp: 278770
Ion Ratio Lower Upper
278 100
139 7.0 6.4 9.6
279 24.4 20.2 30.2



#92
Benzo(g,h,i)perylene
Concen: 44.414 ng
RT: 31.036 min Scan# 4681
Delta R.T. 0.006 min
Lab File: BG056987.D
Acq: 5 Apr 2023 12:04

Tgt Ion:276 Resp: 261901
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 9.1 8.2 12.2

