

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056184.D
 Acq On : 3 Jan 2023 13:29
 Operator : CG/JU
 Sample : PB150003BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

Quant Time: Jan 04 02:12:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	51337	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	215041	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	188825	20.000	ng	0.00
64) Phenanthrene-d10	17.686	188	488628	20.000	ng	0.00
76) Chrysene-d12	21.987	240	484027	20.000	ng	# 0.00
86) Perylene-d12	25.447	264	470570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	423971	147.457	ng	0.01
7) Phenol-d6	7.474	99	606946	137.457	ng	0.00
23) Nitrobenzene-d5	9.513	82	314921	74.910	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	291378	121.842	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	1029491	75.288	ng	0.00
79) Terphenyl-d14	20.259	244	2075973	76.817	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	41803	31.831	ng	96
3) Pyridine	4.090	79	104431	26.108	ng	# 92
4) n-Nitrosodimethylamine	4.002	42	30820	37.878	ng	# 86
6) Aniline	7.651	93	149074	25.745	ng	98
8) 2-Chlorophenol	7.897	128	148888	52.038	ng	94
10) Phenol	7.504	94	219730	49.069	ng	97
11) bis(2-Chloroethyl)ether	7.745	93	130656	43.055	ng	97
12) 1,3-Dichlorobenzene	8.226	146	158411	45.492	ng	95
13) 1,4-Dichlorobenzene	8.373	146	161008	46.045	ng	98
14) 1,2-Dichlorobenzene	8.702	146	157451	46.666	ng	97
15) Benzyl Alcohol	8.567	79	146134	45.474	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.861	45	25839	48.184	ng	89
17) 2-Methylphenol	8.767	107	149217	45.413	ng	97
18) Hexachloroethane	9.437	117	47952	45.141	ng	92
19) n-Nitroso-di-n-propyla...	9.143	70	110224	41.051	ng	98
20) 3+4-Methylphenols	9.096	107	206936	44.795	ng	96
22) Acetophenone	9.166	105	242772	39.928	ng	# 98
24) Nitrobenzene	9.554	77	160653	38.561	ng	96
25) Isophorone	10.077	82	328580	37.147	ng	94
26) 2-Nitrophenol	10.271	139	89652	42.058	ng	98
27) 2,4-Dimethylphenol	10.312	122	169752	43.662	ng	97
28) bis(2-Chloroethoxy)met...	10.553	93	186118	40.484	ng	99
29) 2,4-Dichlorophenol	10.806	162	191783	44.618	ng	98
30) 1,2,4-Trichlorobenzene	11.029	180	197064	40.401	ng	98
31) Naphthalene	11.223	128	458772	40.537	ng	99
32) Benzoic acid	10.447	122	123103	42.674	ng	98
33) 4-Chloroaniline	11.317	127	101861	18.852	ng	97
34) Hexachlorobutadiene	11.499	225	142884	40.729	ng	98
35) Caprolactam	12.086	113	37718	25.918	ng	89
36) 4-Chloro-3-methylphenol	12.416	107	186021	42.650	ng	99
37) 2-Methylnaphthalene	12.803	142	370303	38.751	ng	99
38) 1-Methylnaphthalene	13.021	142	351929	39.659	ng	98
40) 1,2,4,5-Tetrachloroben...	13.162	216	279738	39.527	ng	99
41) Hexachlorocyclopentadiene	13.138	237	346130	85.785	ng	96
43) 2,4,6-Trichlorophenol	13.391	196	192288	41.090	ng	95
44) 2,4,5-Trichlorophenol	13.467	196	212559	38.397	ng	99

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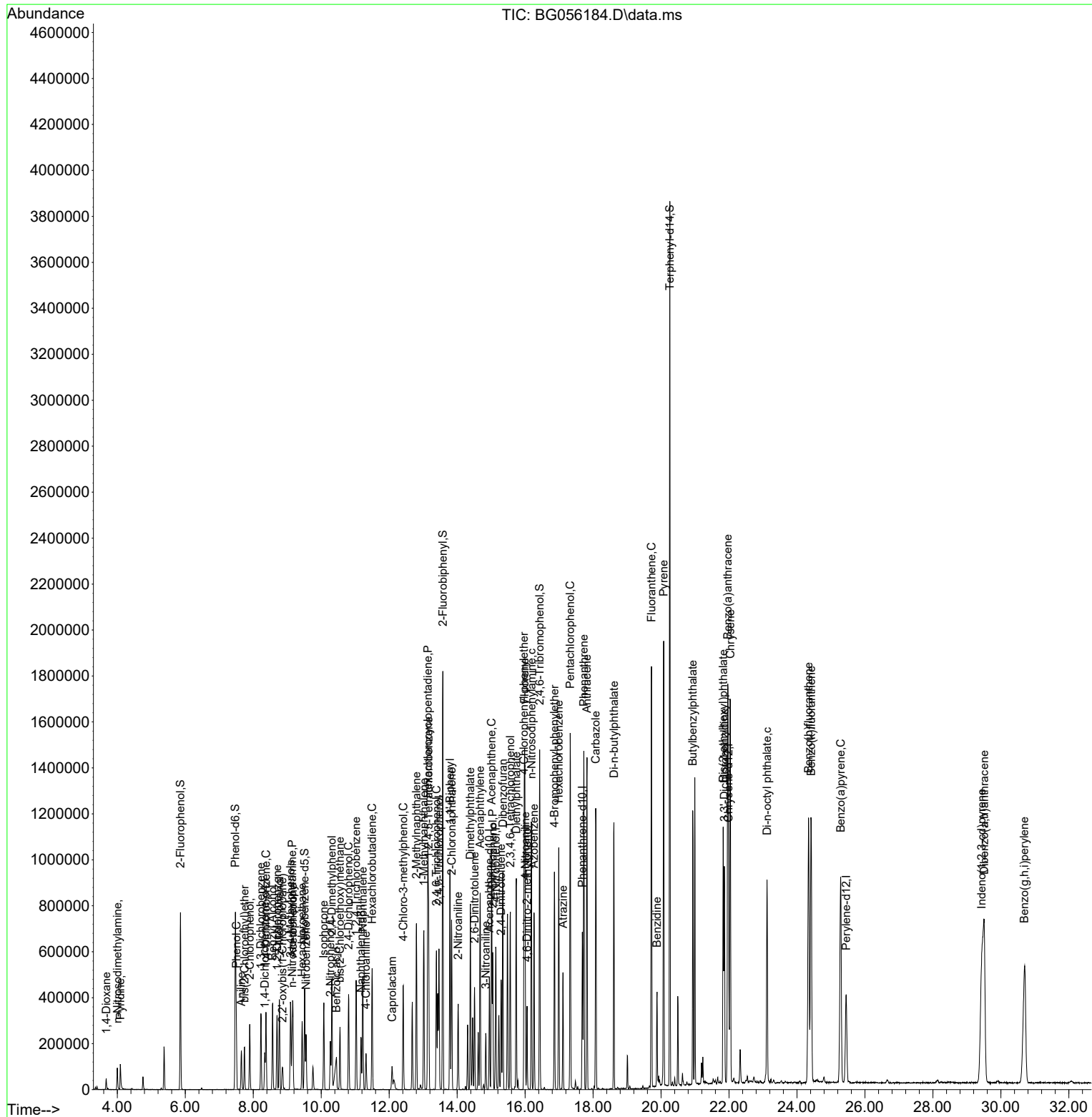
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.790	154	548687	40.574	ng	99
47) 2-Chloronaphthalene	13.837	162	436092	40.856	ng	96
48) 2-Nitroaniline	14.031	65	92075	40.486	ng	97
49) Acenaphthylene	14.678	152	681653	39.243	ng	100
50) Dimethylphthalate	14.390	163	602175	39.505	ng	98
51) 2,6-Dinitrotoluene	14.513	165	129527	39.879	ng	95
52) Acenaphthene	15.012	154	443244	39.235	ng	99
53) 3-Nitroaniline	14.842	138	77934	25.212	ng	97
54) 2,4-Dinitrophenol	15.048	184	201116	86.674	ng	95
55) Dibenzofuran	15.347	168	733944	39.259	ng	97
56) 4-Nitrophenol	15.136	139	204795	86.143	ng	92
57) 2,4-Dinitrotoluene	15.294	165	190093	41.848	ng	93
58) Fluorene	15.988	166	598427	39.798	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.565	232	212019	40.791	ng	97
60) Diethylphthalate	15.741	149	571359	39.969	ng	99
61) 4-Chlorophenyl-phenyle...	15.970	204	374253	39.883	ng	98
62) 4-Nitroaniline	16.005	138	124145	39.207	ng	96
63) Azobenzene	16.264	77	426937	38.702	ng	99
65) 4,6-Dinitro-2-methylph...	16.058	198	137264	41.695	ng	99
66) n-Nitrosodiphenylamine	16.188	169	558206	41.174	ng	96
67) 4-Bromophenyl-phenylether	16.863	248	252722	40.616	ng	97
68) Hexachlorobenzene	16.992	284	250451	43.143	ng	99
69) Atrazine	17.116	200	133303	23.725	ng	95
70) Pentachlorophenol	17.327	266	342824	76.878	ng	98
71) Phenanthrene	17.727	178	1033965	40.832	ng	99
72) Anthracene	17.821	178	1047269	40.092	ng	100
73) Carbazole	18.079	167	917843	41.802	ng	99
74) Di-n-butylphthalate	18.614	149	926783	42.342	ng	99
75) Fluoranthene	19.719	202	1309464	39.644	ng	99
77) Benzidine	19.883	184	283787	16.730	ng	98
78) Pyrene	20.077	202	1316096	38.577	ng	99
80) Butylbenzylphthalate	20.935	149	392811	40.133	ng	99
81) Benzo(a)anthracene	21.963	228	1307689	38.465	ng	99
82) 3,3'-Dichlorobenzidine	21.863	252	426358	34.839	ng	99
83) Chrysene	22.040	228	1233207	38.726	ng	100
84) Bis(2-ethylhexyl)phtha...	21.828	149	574853	40.766	ng	99
85) Di-n-octyl phthalate	23.121	149	967548	40.644	ng	100
87) Indeno(1,2,3-cd)pyrene	29.437	276	1511206	44.158	ng #	97
88) Benzo(b)fluoranthene	24.343	252	1401695	46.882	ng	98
89) Benzo(k)fluoranthene	24.419	252	1345922	45.207	ng	100
90) Benzo(a)pyrene	25.289	252	1215451	41.680	ng	100
91) Dibenzo(a,h)anthracene	29.507	278	1301539	45.362	ng	98
92) Benzo(g,h,i)perylene	30.694	276	1254909	45.101	ng	98

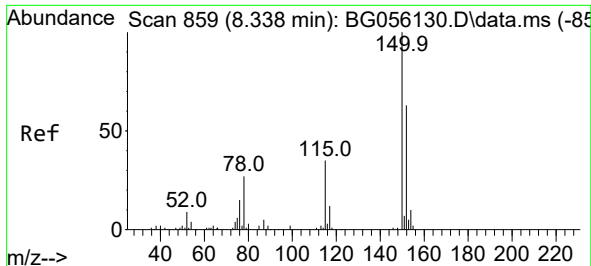
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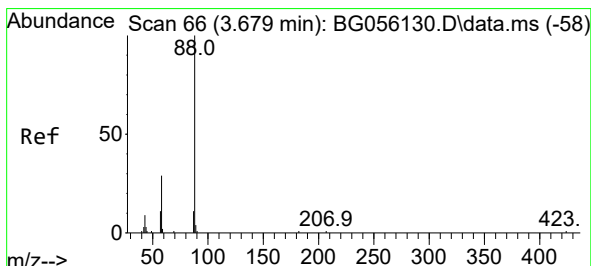
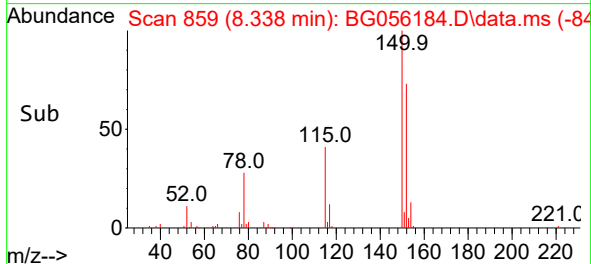
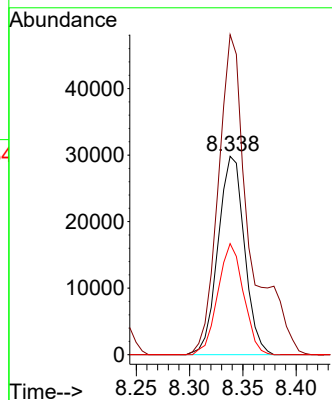
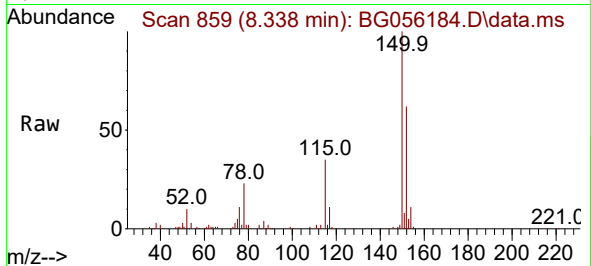




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056184.D
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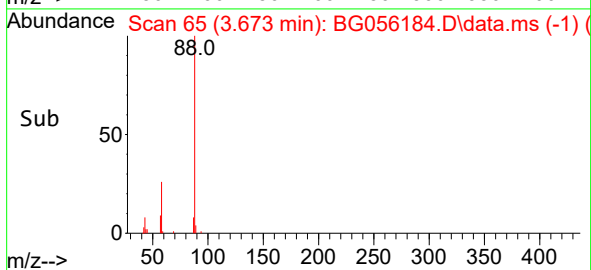
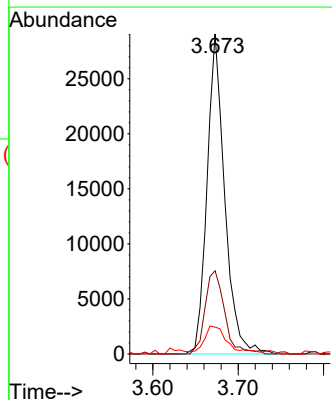
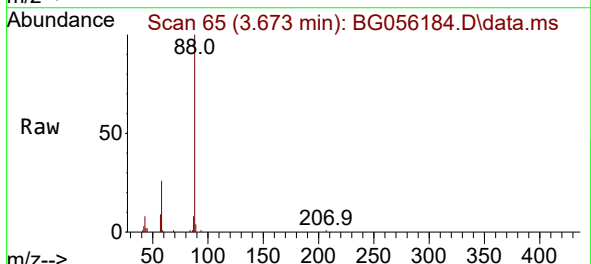
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ClientSampleId :
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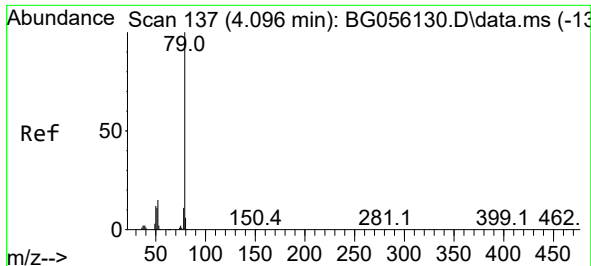
Tgt Ion:152 Resp: 51337
Ion Ratio Lower Upper
152 100
150 161.3 127.9 191.9
115 56.0 44.2 66.2



#2
1,4-Dioxane
Concen: 31.831 ng
RT: 3.673 min Scan# 65
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 88 Resp: 41803
Ion Ratio Lower Upper
88 100
58 28.7 21.4 32.0
43 9.8 7.1 10.7

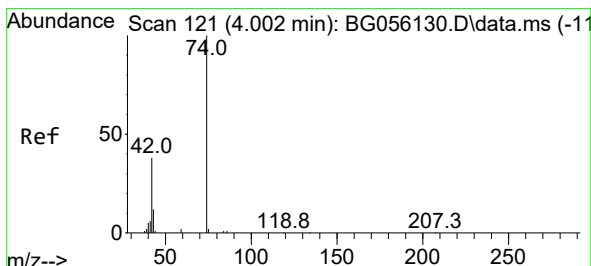
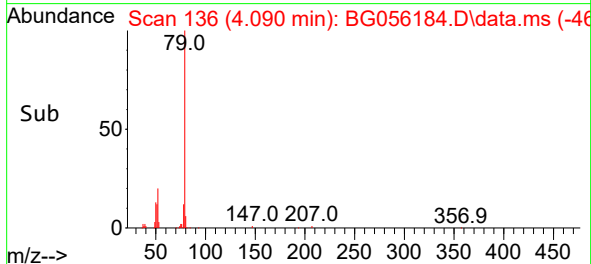
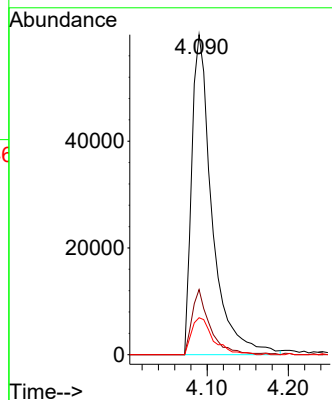
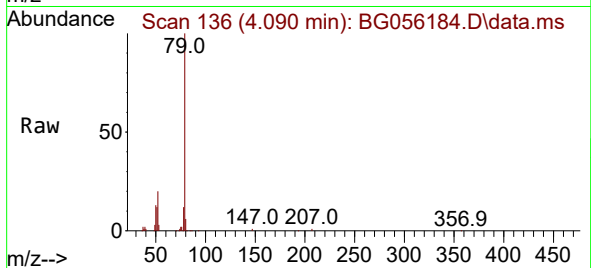




#3
Pyridine
Concen: 26.108 ng
RT: 4.090 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

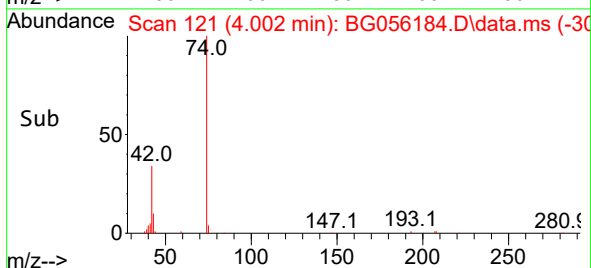
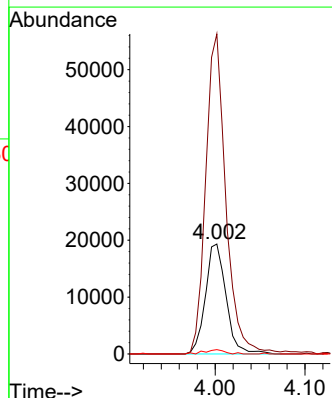
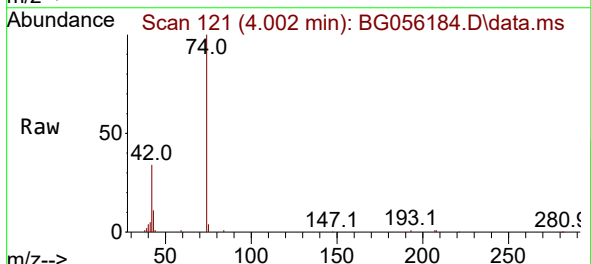
Instrument :
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ClientSampleId :
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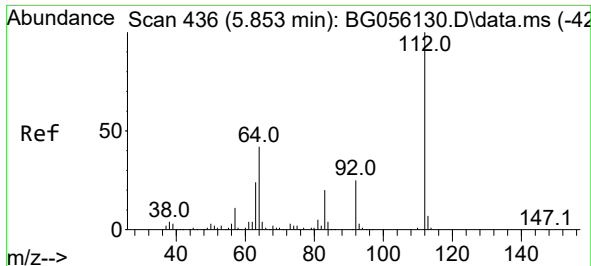
Tgt Ion: 79 Resp: 104431
Ion Ratio Lower Upper
79 100
52 20.3 11.8 17.6#
51 11.6 8.8 13.2



#4
n-Nitrosodimethylamine
Concen: 37.878 ng
RT: 4.002 min Scan# 121
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 42 Resp: 30820
Ion Ratio Lower Upper
42 100
74 291.1 212.6 319.0
44 3.9 2.6 3.8#

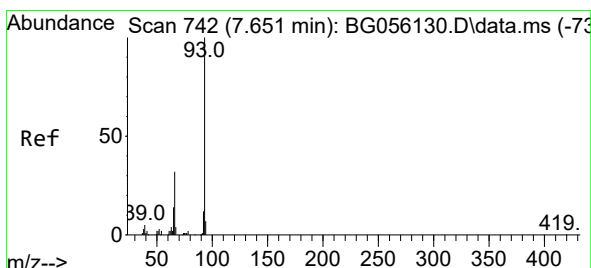
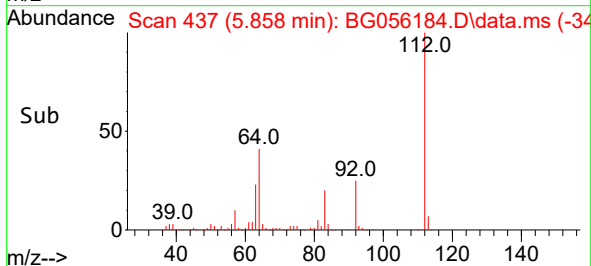
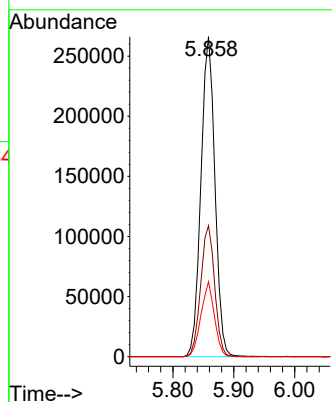
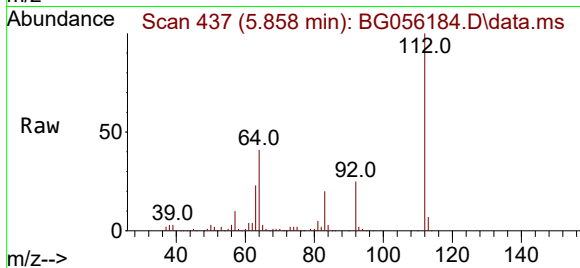




#5
2-Fluorophenol
Concen: 147.457 ng
RT: 5.858 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

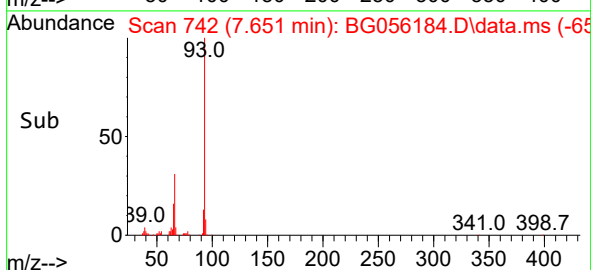
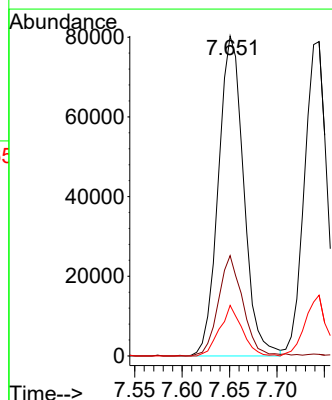
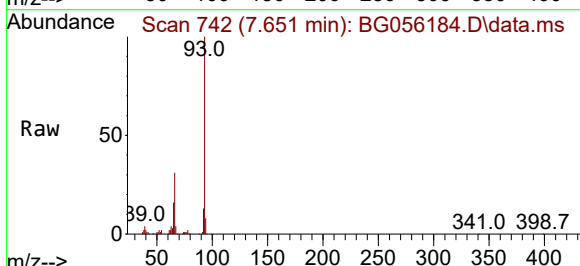
Instrument :
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ClientSampleId :
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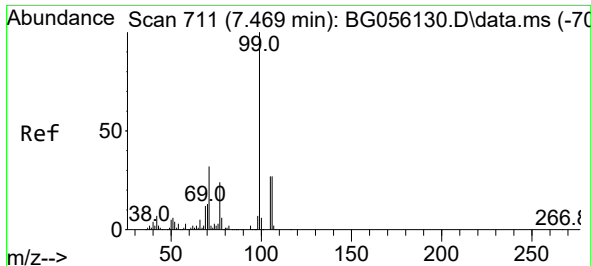
Tgt Ion:112 Resp: 423971
Ion Ratio Lower Upper
112 100
64 41.0 33.3 49.9
63 23.4 19.0 28.4



#6
Aniline
Concen: 25.745 ng
RT: 7.651 min Scan# 742
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 93 Resp: 149074
Ion Ratio Lower Upper
93 100
66 31.3 25.4 38.2
65 15.8 11.4 17.2

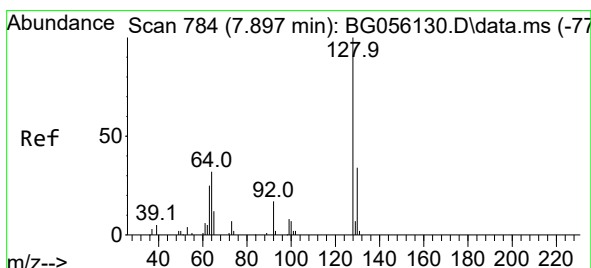
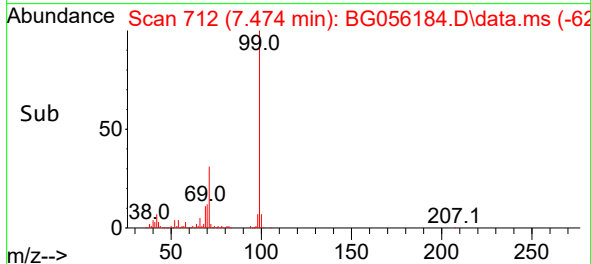
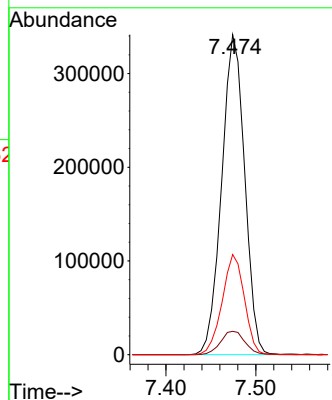
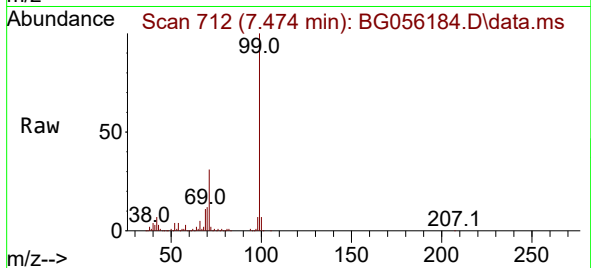




#7
Phenol-d6
Concen: 137.457 ng
RT: 7.474 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

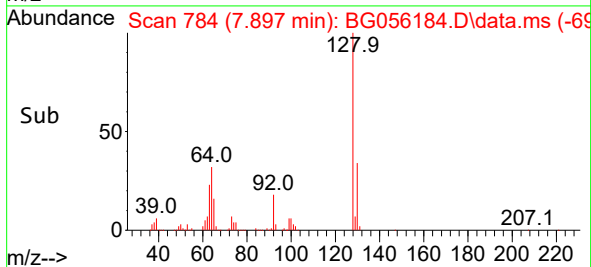
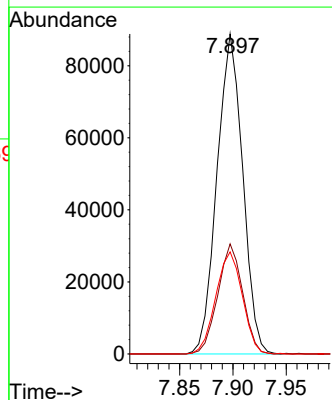
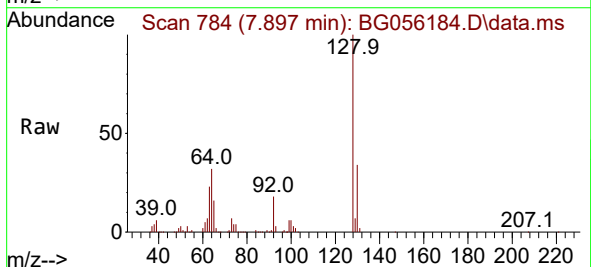
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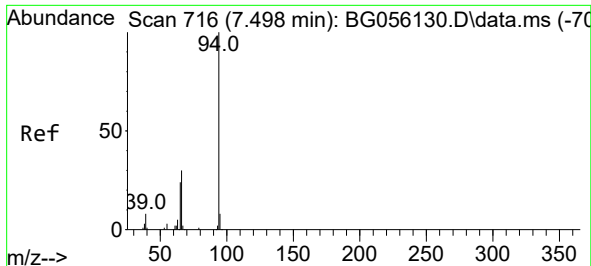
Tgt Ion: 99 Resp: 606946
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 31.3 25.4 38.2



#8
2-Chlorophenol
Concen: 52.038 ng
RT: 7.897 min Scan# 784
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:128 Resp: 148888
Ion Ratio Lower Upper
128 100
130 34.4 13.5 53.5
64 31.9 18.0 58.0

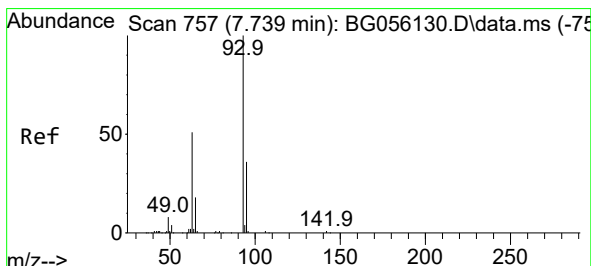
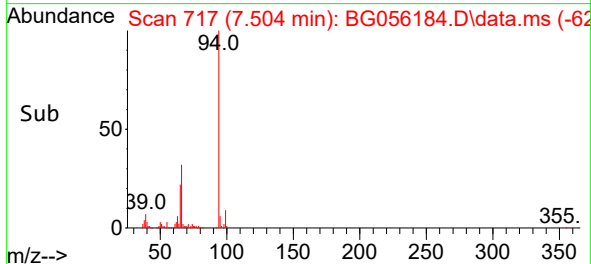
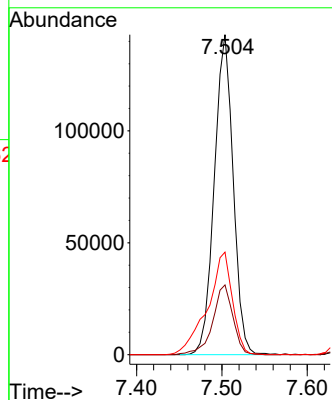
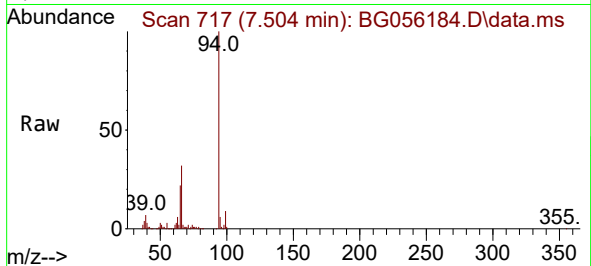




#10
Phenol
Concen: 49.069 ng
RT: 7.504 min Scan# 716
Delta R.T. 0.012 min
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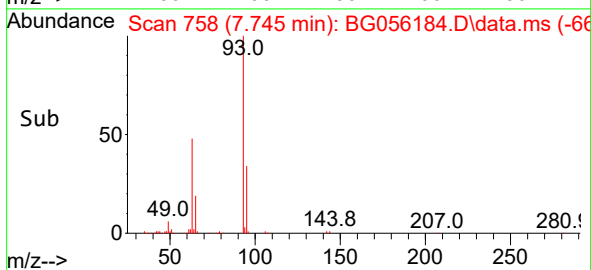
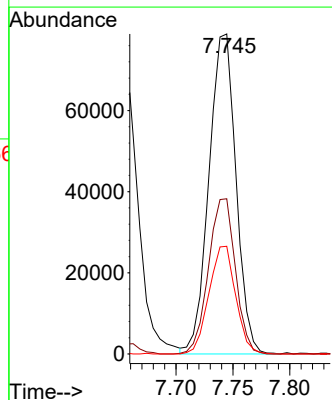
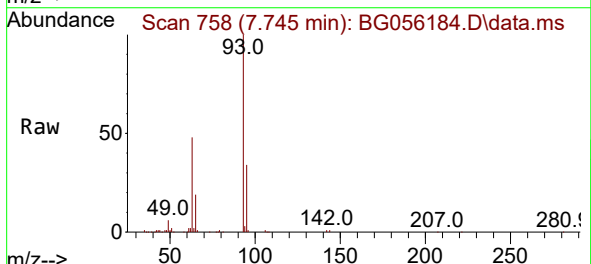
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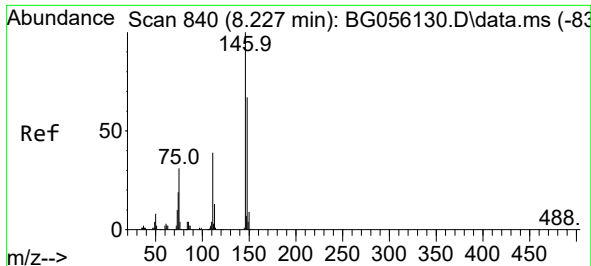
Tgt Ion: 94 Resp: 219730
Ion Ratio Lower Upper
94 100
65 21.8 4.3 44.3
66 32.0 13.2 53.2



#11
bis(2-Chloroethyl)ether
Concen: 43.055 ng
RT: 7.745 min Scan# 758
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 93 Resp: 130656
Ion Ratio Lower Upper
93 100
63 48.5 30.5 70.5
95 33.7 15.9 55.9





#12

1,3-Dichlorobenzene

Concen: 45.492 ng

RT: 8.226 min Scan# 840

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

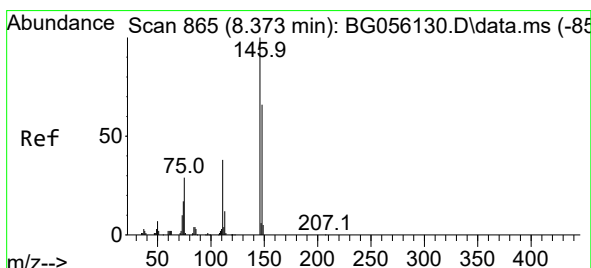
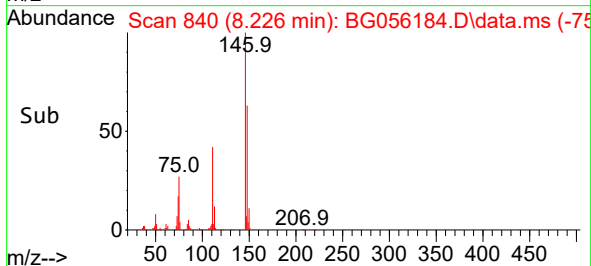
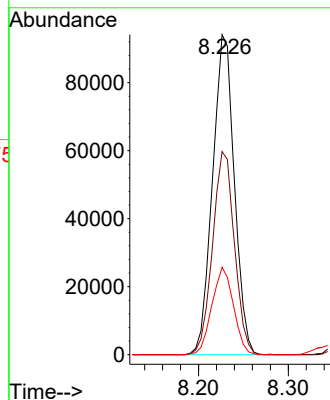
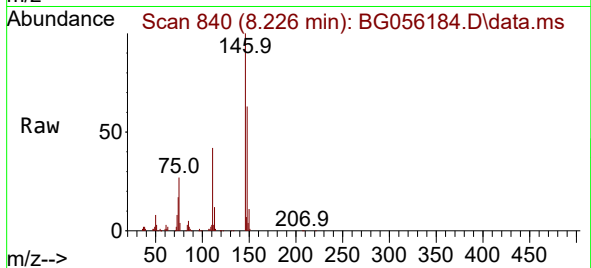
Tgt Ion:146 Resp: 158411

Ion Ratio Lower Upper

146 100

148 63.5 53.5 80.3

75 27.3 24.8 37.2



#13

1,4-Dichlorobenzene

Concen: 46.045 ng

RT: 8.373 min Scan# 865

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

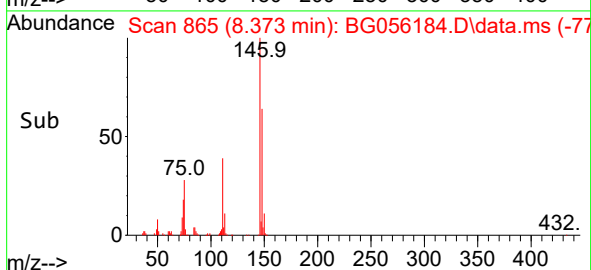
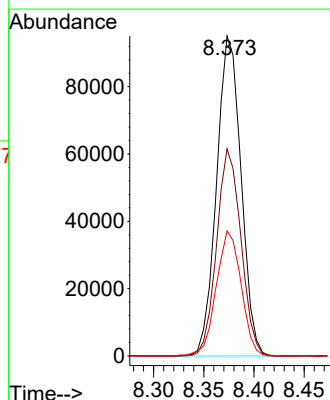
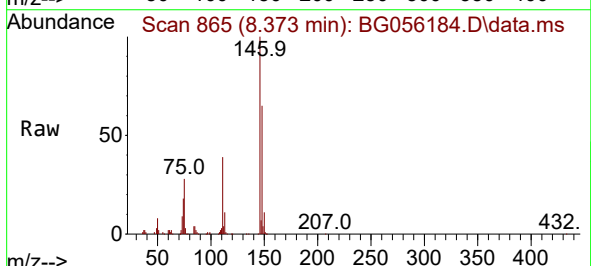
Tgt Ion:146 Resp: 161008

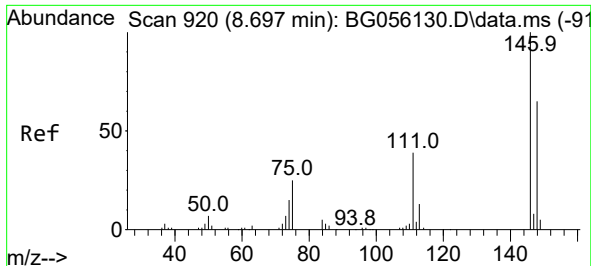
Ion Ratio Lower Upper

146 100

148 64.7 52.8 79.2

111 39.1 30.5 45.7

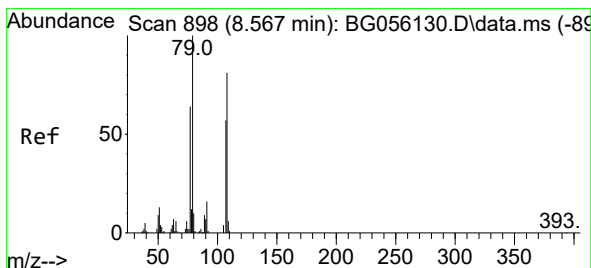
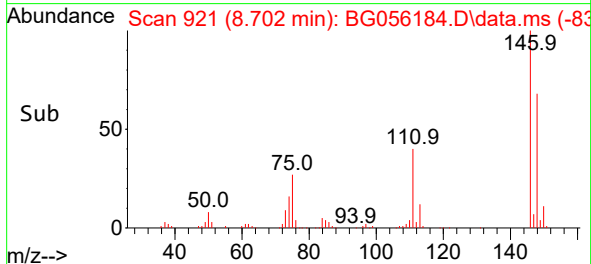
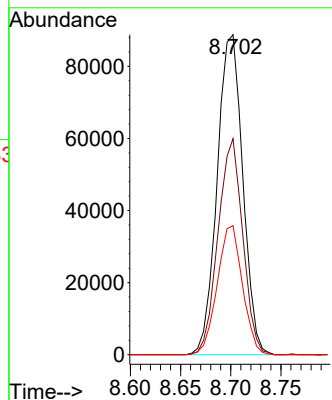
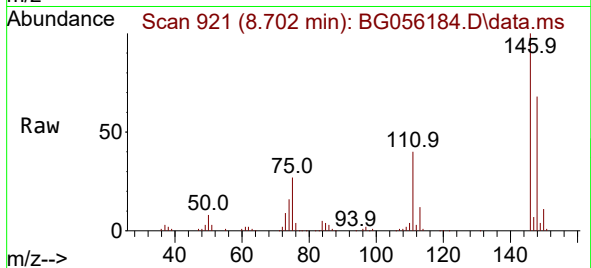




#14
1,2-Dichlorobenzene
Concen: 46.666 ng
RT: 8.702 min Scan# 911
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

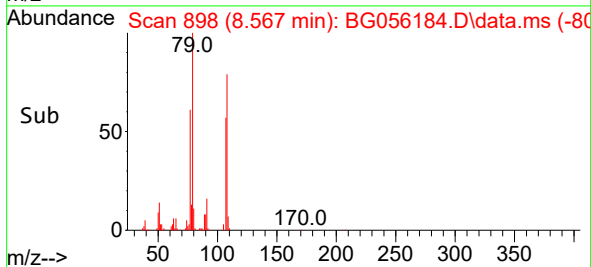
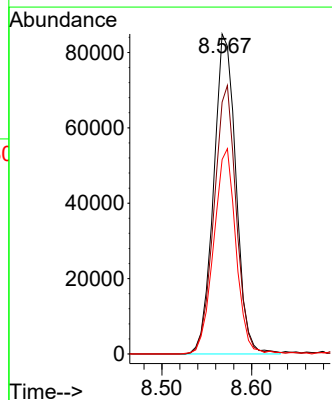
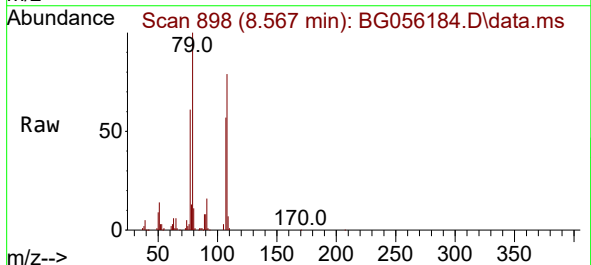
Instrument :
BNA_G
ClientSampleId :
PB150003BS

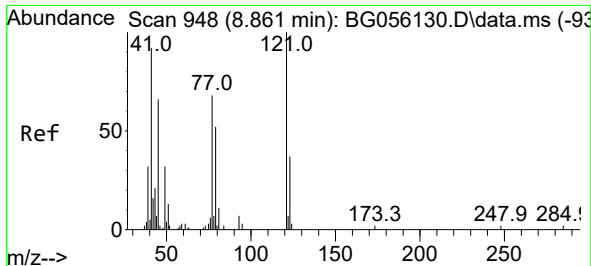
Tgt Ion:146 Resp: 157451
Ion Ratio Lower Upper
146 100
148 67.5 51.7 77.5
111 40.4 31.5 47.3



#15
Benzyl Alcohol
Concen: 45.474 ng
RT: 8.567 min Scan# 898
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 79 Resp: 146134
Ion Ratio Lower Upper
79 100
108 78.7 64.7 97.1
77 60.7 51.5 77.3

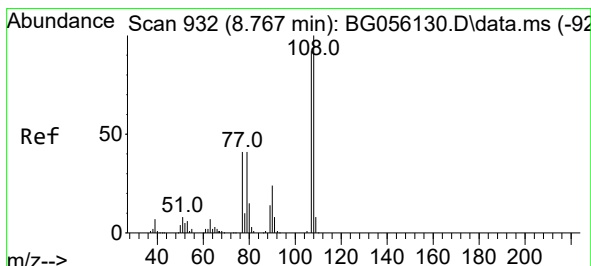
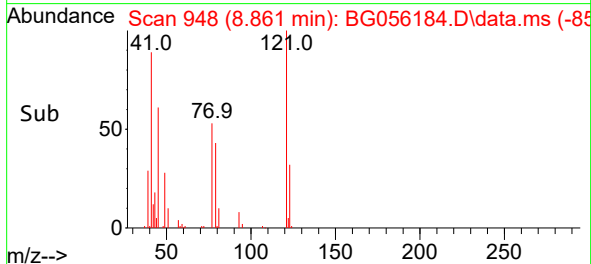
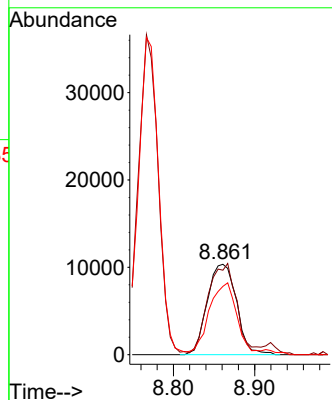
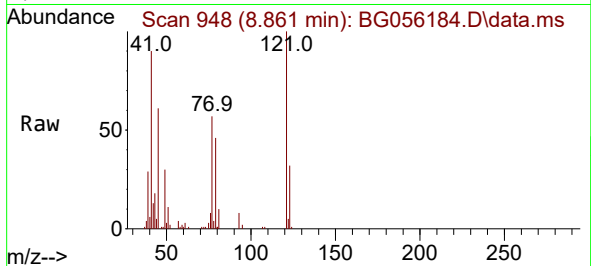




#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.184 ng
RT: 8.861 min Scan# 948
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

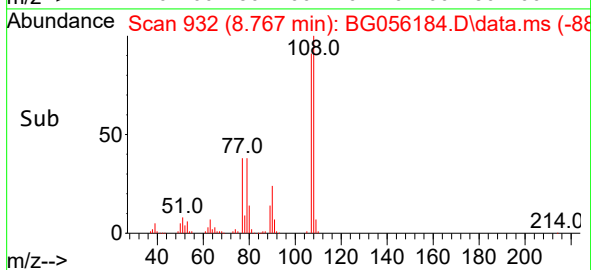
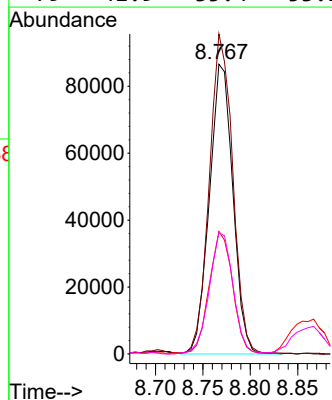
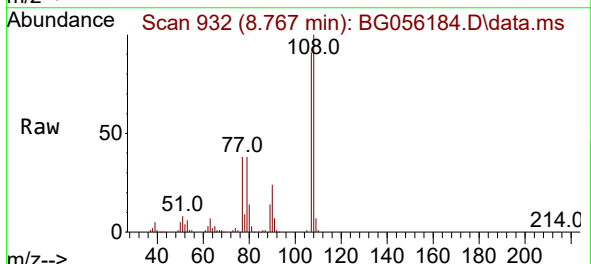
Instrument :
BNA_G
ClientSampleId :
PB150003BS

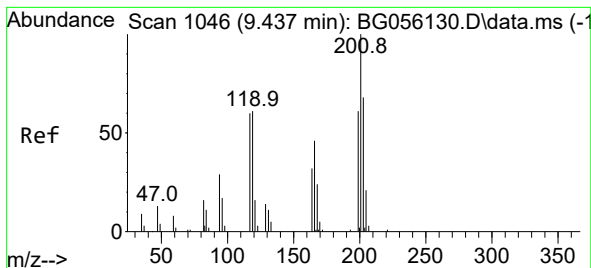
Tgt Ion: 45 Resp: 25839
Ion Ratio Lower Upper
45 100
77 93.4 88.2 128.2
79 75.6 61.2 101.2



#17
2-Methylphenol
Concen: 45.413 ng
RT: 8.767 min Scan# 932
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 107 Resp: 149217
Ion Ratio Lower Upper
107 100
108 110.4 86.6 129.8
77 42.3 35.4 53.2
79 41.9 35.4 53.2

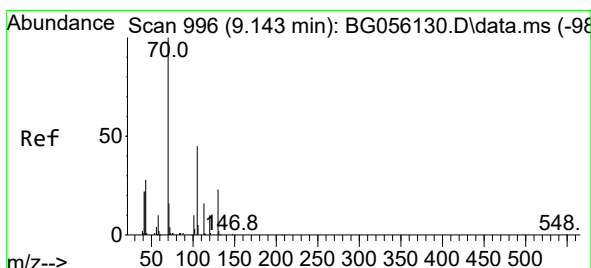
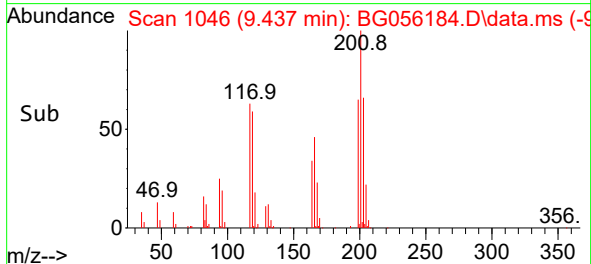
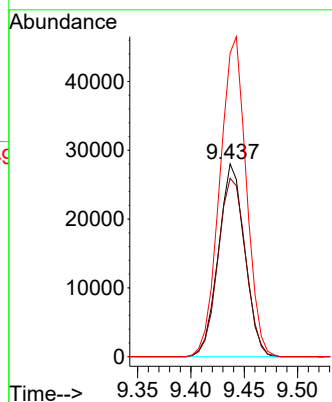
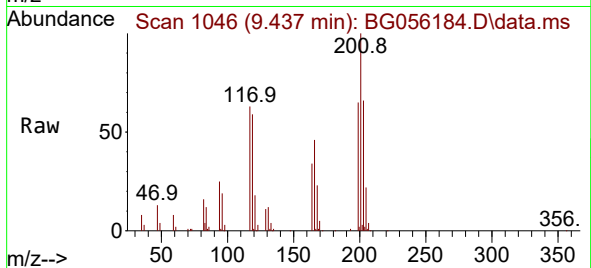




#18
Hexachloroethane
Concen: 45.141 ng
RT: 9.437 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

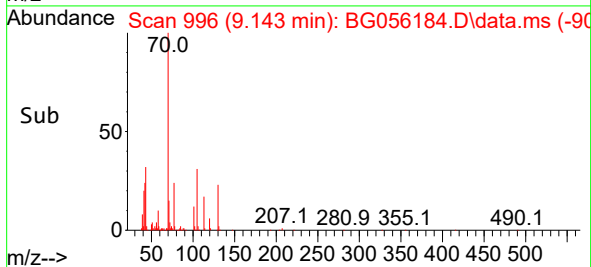
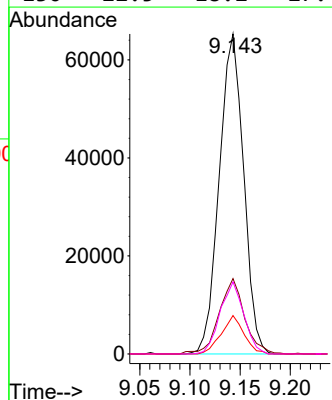
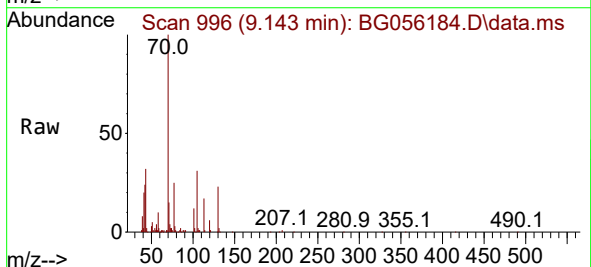
Instrument :
BNA_G
ClientSampleId :
PB150003BS

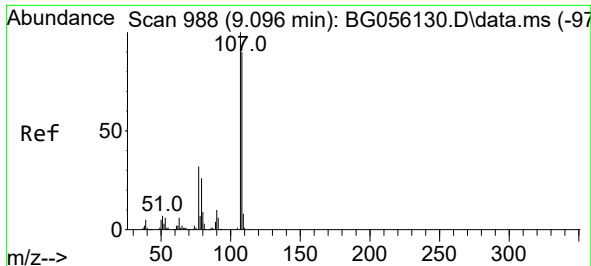
Tgt Ion:117 Resp: 47952
Ion Ratio Lower Upper
117 100
119 92.5 81.8 122.6
201 157.5 134.2 201.2



#19
n-Nitroso-di-n-propylamine
Concen: 41.051 ng
RT: 9.143 min Scan# 996
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 70 Resp: 110224
Ion Ratio Lower Upper
70 100
42 23.6 18.2 27.2
101 12.0 8.3 12.5
130 22.5 18.2 27.4





#20

3+4-Methylphenols

Concen: 44.795 ng

RT: 9.096 min Scan# 91

Delta R.T. -0.000 min

Lab File: BG056184.D

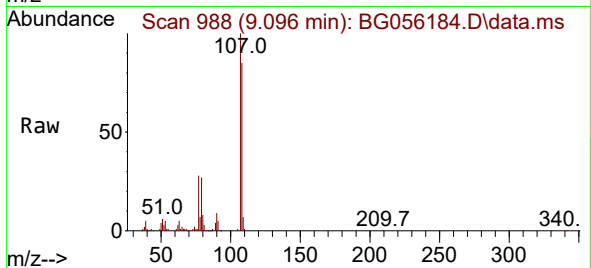
Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS



Tgt Ion:107 Resp: 206936

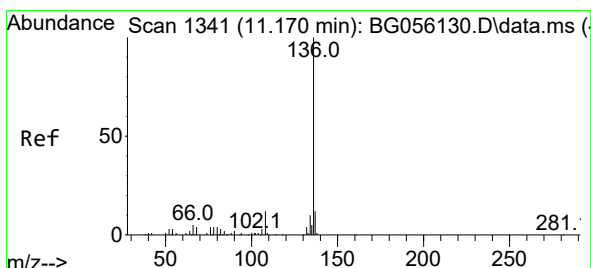
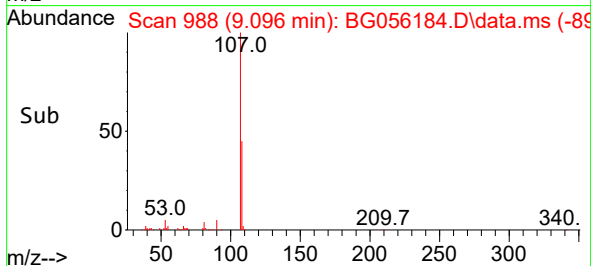
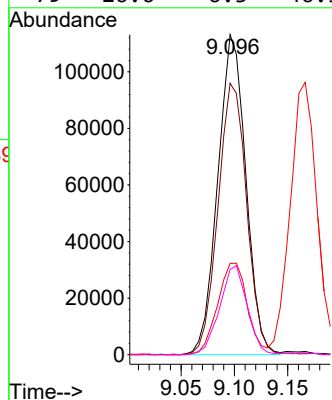
Ion Ratio Lower Upper

107 100

108 84.8 69.6 109.6

77 28.5 11.7 51.7

79 26.6 6.3 46.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.170 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Tgt Ion:136 Resp: 215041

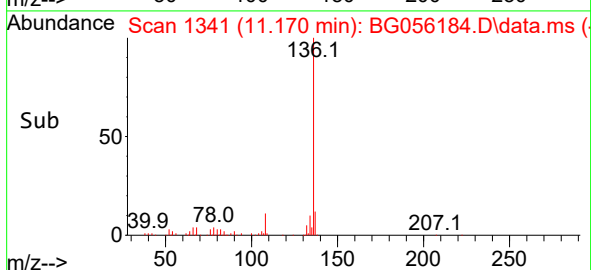
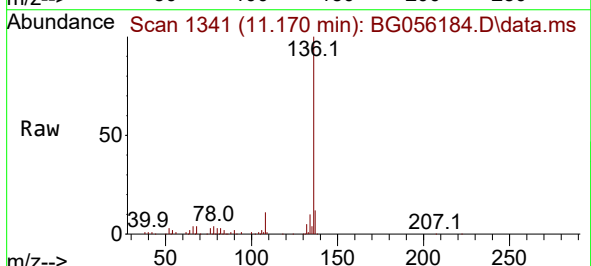
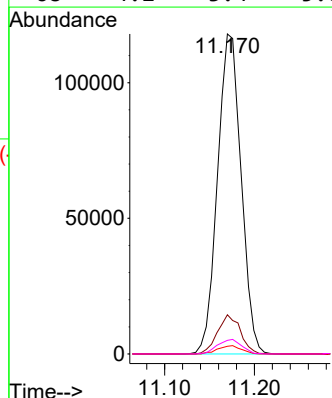
Ion Ratio Lower Upper

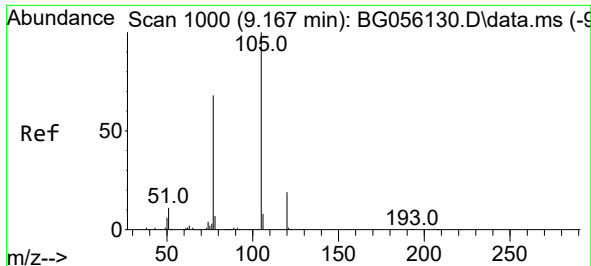
136 100

137 12.2 9.4 14.0

54 2.4 2.2 3.2

68 4.2 3.4 5.0

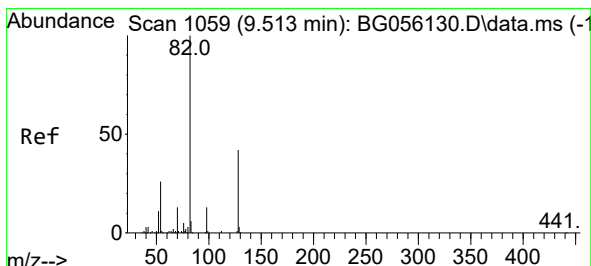
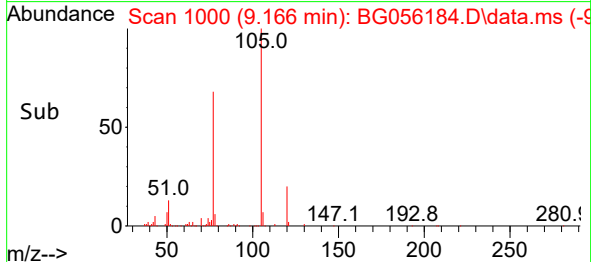
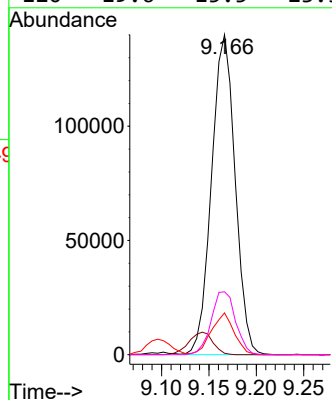
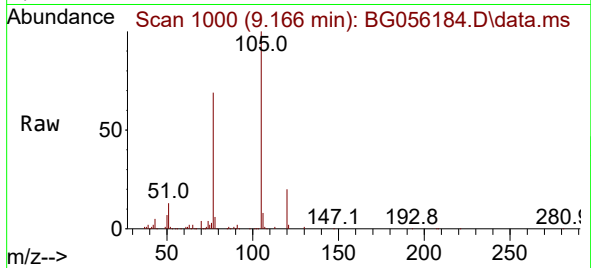




#22
Acetophenone
Concen: 39.928 ng
RT: 9.166 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

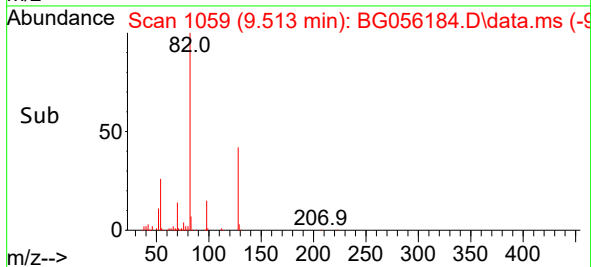
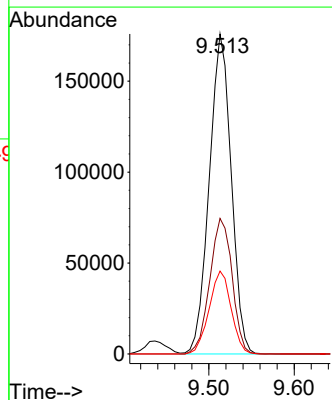
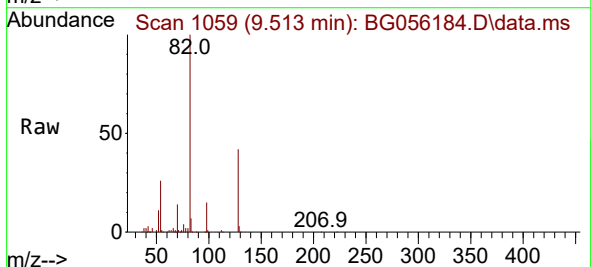
Instrument :
BNA_G
ClientSampleId :
PB150003BS

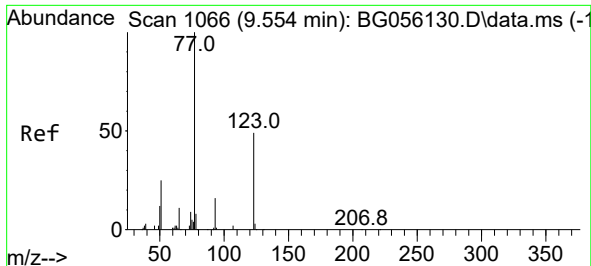
Tgt Ion:105 Resp: 242772
Ion Ratio Lower Upper
105 100
71 0.5 0.5 0.7#
51 13.0 9.3 13.9
120 19.6 15.5 23.3



#23
Nitrobenzene-d5
Concen: 74.910 ng
RT: 9.513 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 82 Resp: 314921
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.2
54 25.9 20.3 30.5

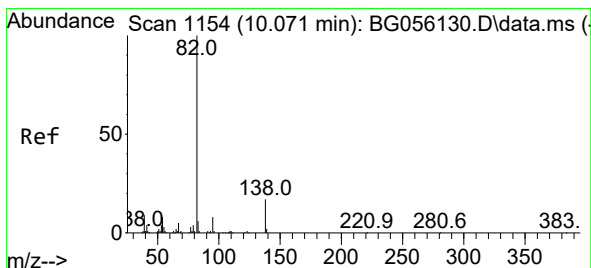
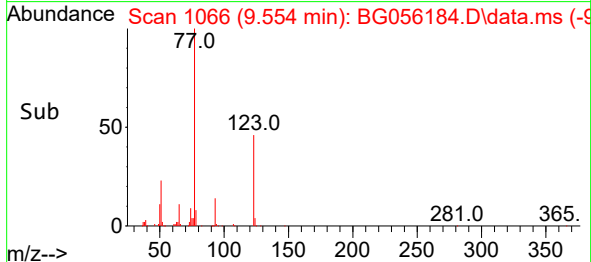
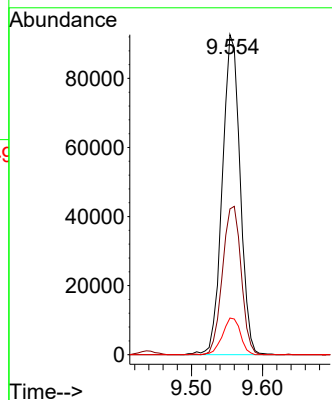
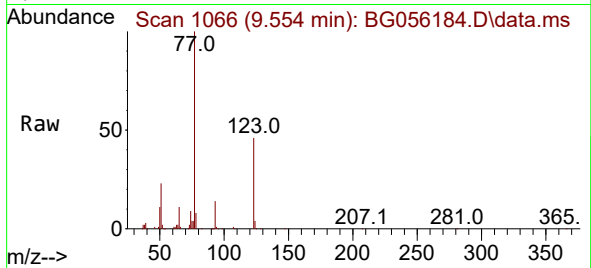




#24
Nitrobenzene
Concen: 38.561 ng
RT: 9.554 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

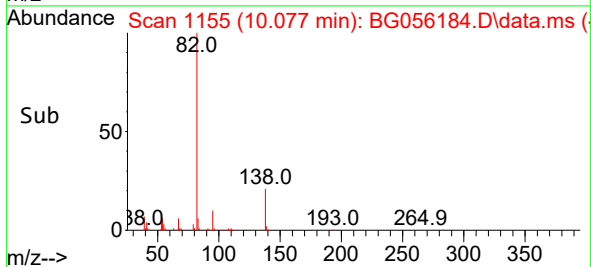
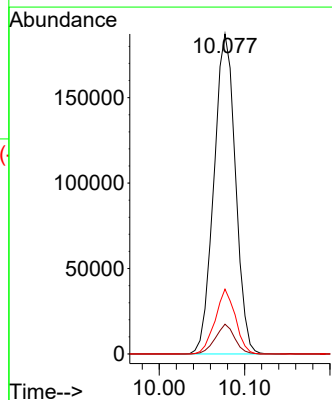
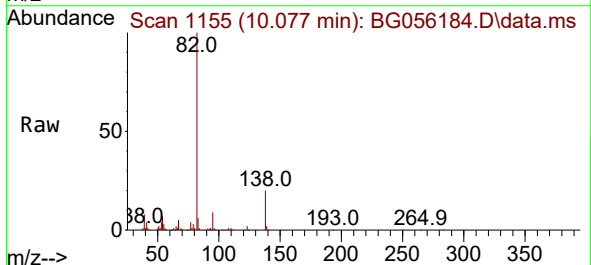
Instrument :
BNA_G
ClientSampleId :
PB150003BS

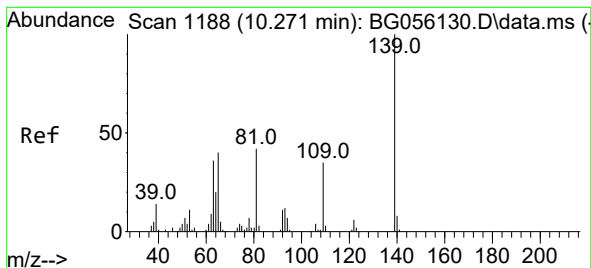
Tgt Ion: 77 Resp: 160653
Ion Ratio Lower Upper
77 100
123 45.6 38.8 58.2
65 11.5 9.1 13.7



#25
Isophorone
Concen: 37.147 ng
RT: 10.077 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 82 Resp: 328580
Ion Ratio Lower Upper
82 100
95 9.3 6.7 10.1
138 20.2 13.7 20.5

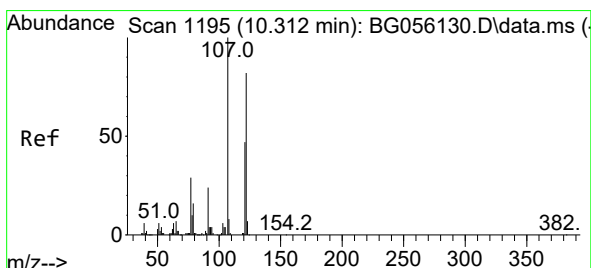
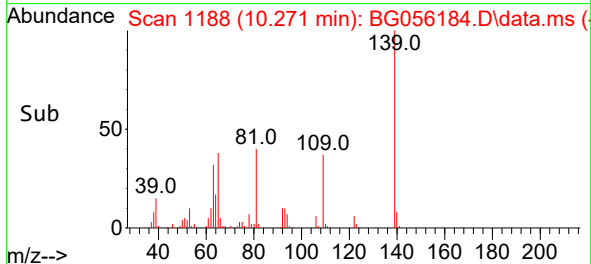
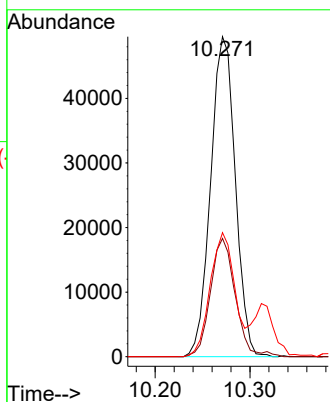
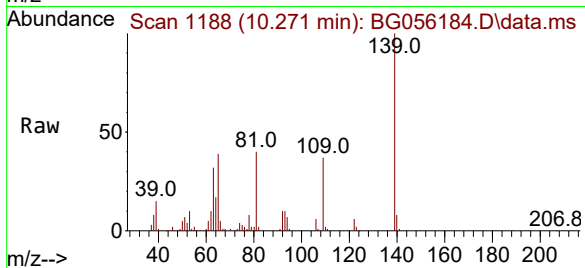




#26
2-Nitrophenol
Concen: 42.058 ng
RT: 10.271 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

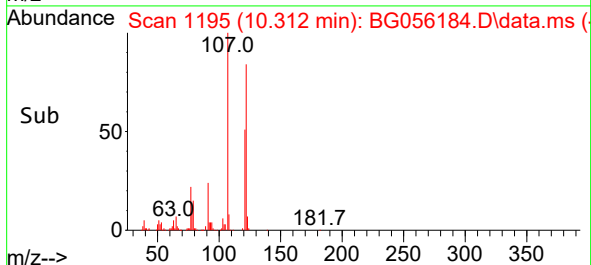
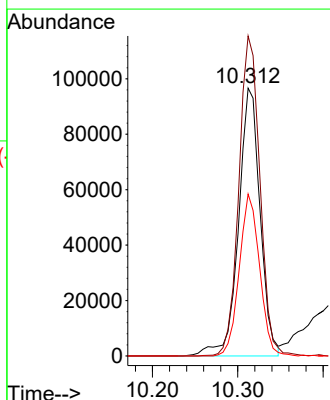
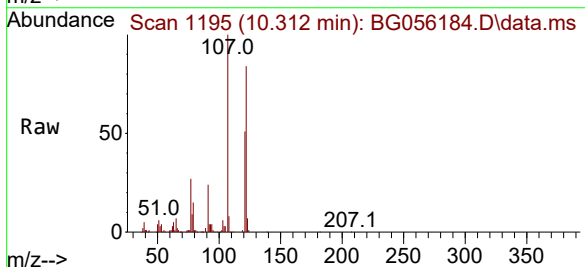
Instrument :
BNA_G
ClientSampleId :
PB150003BS

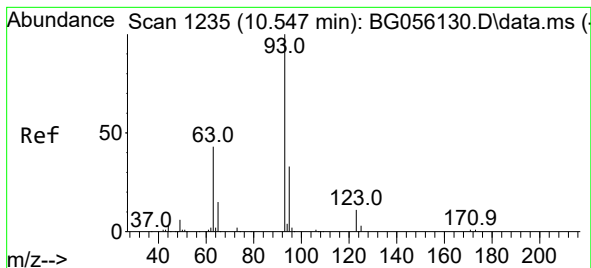
Tgt Ion:139 Resp: 89652
Ion Ratio Lower Upper
139 100
109 36.9 28.4 42.6
65 38.7 32.1 48.1



#27
2,4-Dimethylphenol
Concen: 43.662 ng
RT: 10.312 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:122 Resp: 169752
Ion Ratio Lower Upper
122 100
107 119.5 97.5 146.3
121 60.5 45.9 68.9

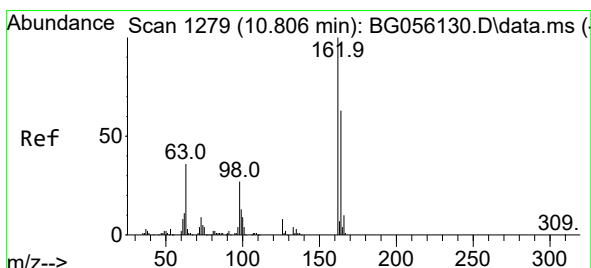
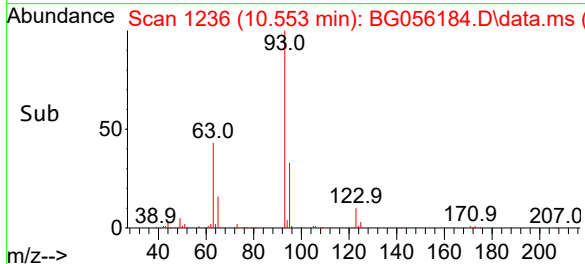
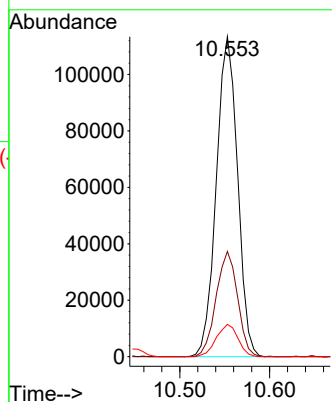
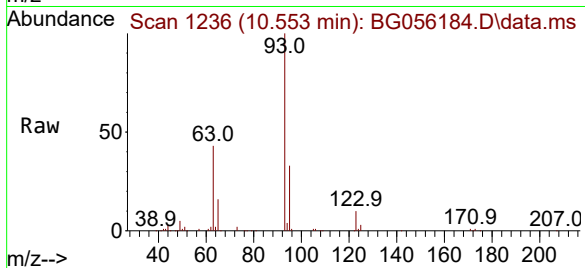




#28
bis(2-Chloroethoxy)methane
Concen: 40.484 ng
RT: 10.553 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

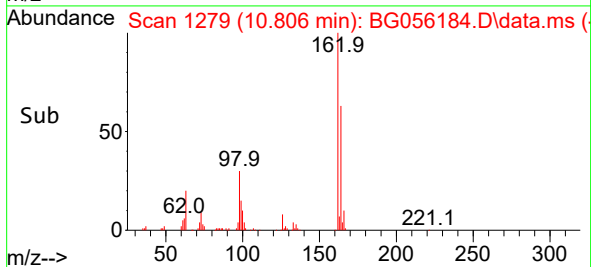
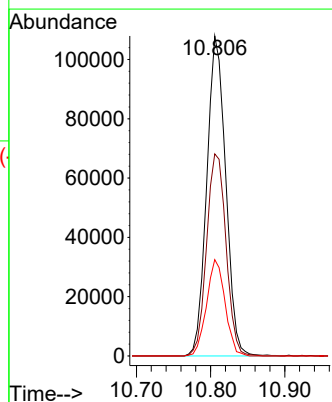
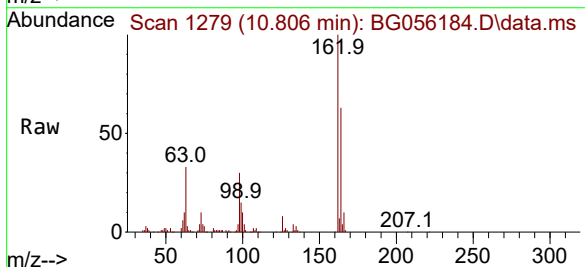
Instrument :
BNA_G
ClientSampleId :
PB150003BS

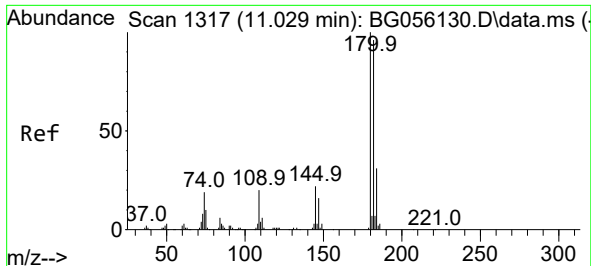
Tgt Ion: 93 Resp: 186118
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 10.1 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 44.618 ng
RT: 10.806 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 162 Resp: 191783
Ion Ratio Lower Upper
162 100
164 63.2 43.3 83.3
98 30.1 6.8 46.8

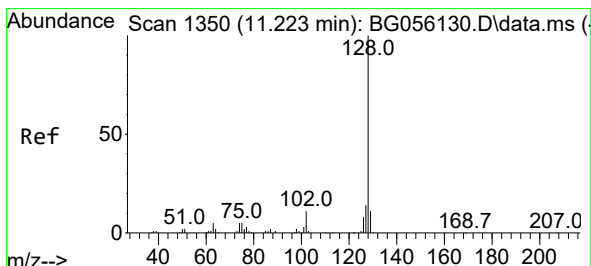
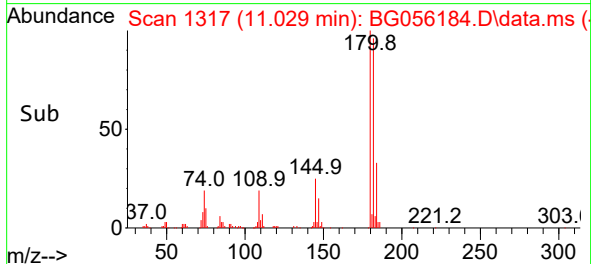
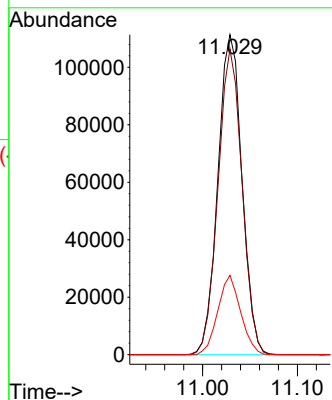
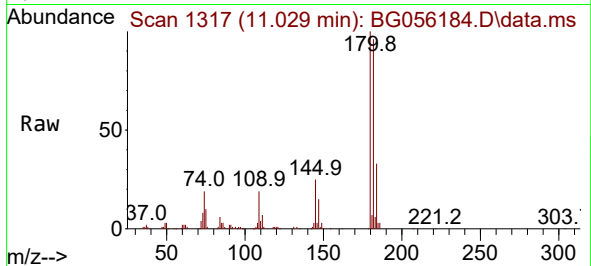




#30
1,2,4-Trichlorobenzene
Concen: 40.401 ng
RT: 11.029 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

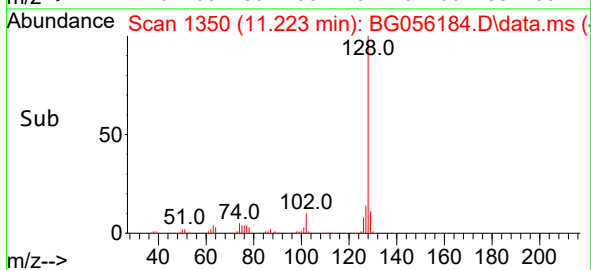
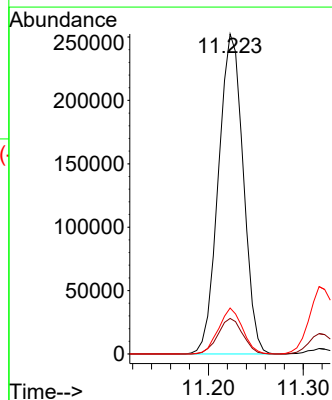
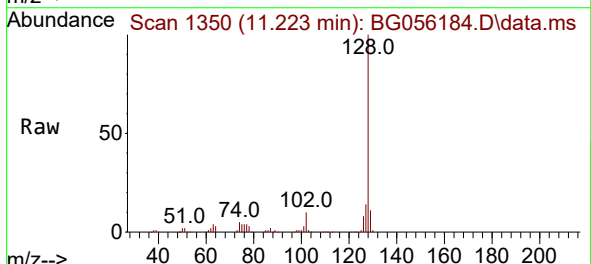
Instrument :
BNA_G
ClientSampleId :
PB150003BS

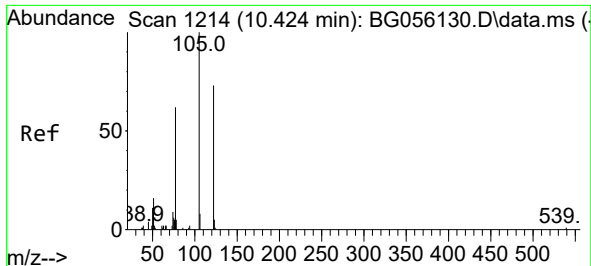
Tgt Ion:180 Resp: 197064
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.4
145 24.8 17.4 26.2



#31
Naphthalene
Concen: 40.537 ng
RT: 11.223 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:128 Resp: 458772
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 14.4 11.2 16.8

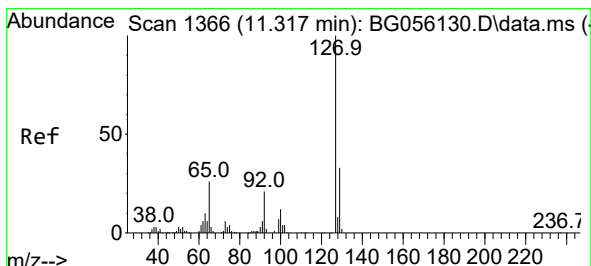
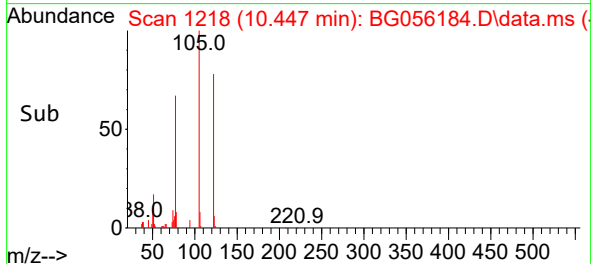
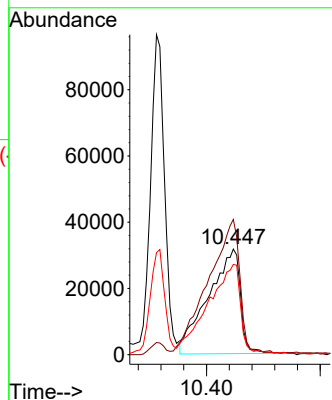
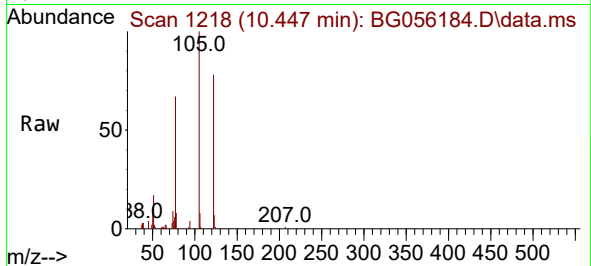




#32
Benzoic acid
Concen: 42.674 ng
RT: 10.447 min Scan# 1218
Delta R.T. 0.017 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

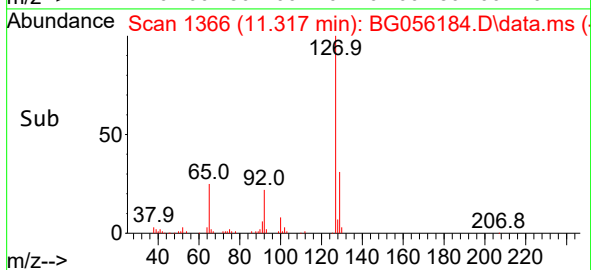
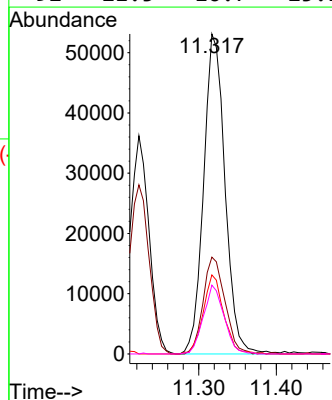
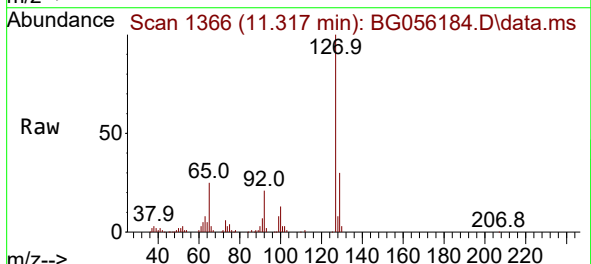
Instrument :
BNA_G
ClientSampleId :
PB150003BS

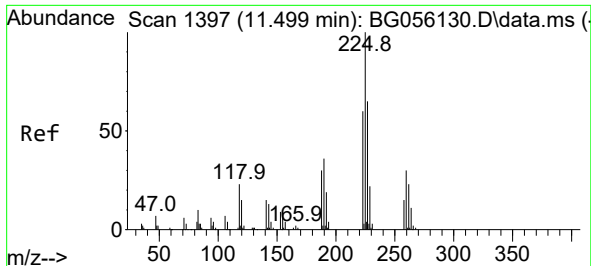
Tgt Ion:122 Resp: 123103
Ion Ratio Lower Upper
122 100
105 128.0 109.0 149.0
77 85.5 63.1 103.1



#33
4-Chloroaniline
Concen: 18.852 ng
RT: 11.317 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:127 Resp: 101861
Ion Ratio Lower Upper
127 100
129 30.3 26.1 39.1
65 24.7 20.9 31.3
92 21.5 16.7 25.1

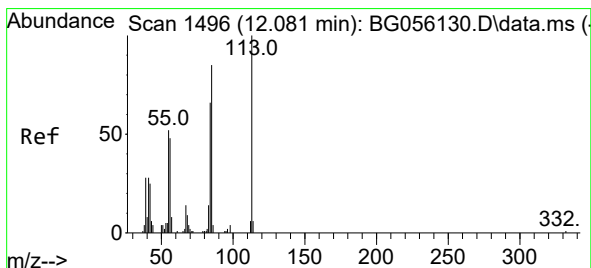
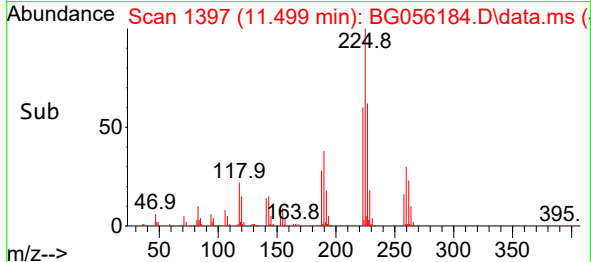
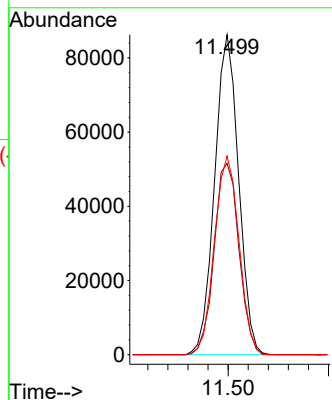
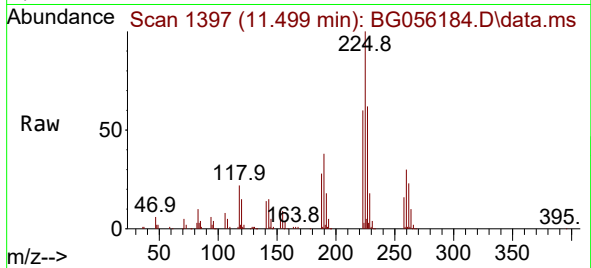




#34
Hexachlorobutadiene
Concen: 40.729 ng
RT: 11.499 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

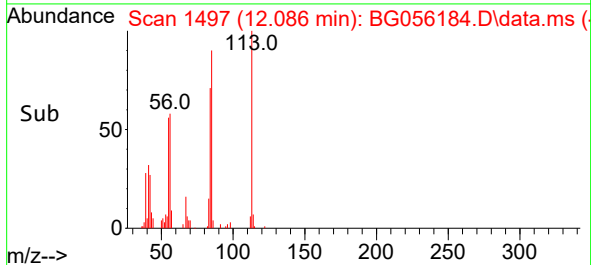
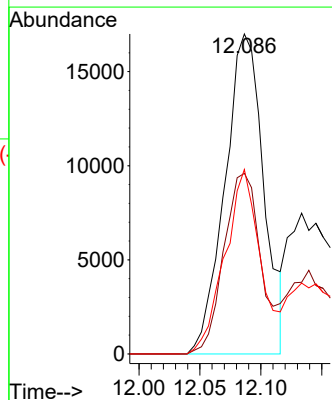
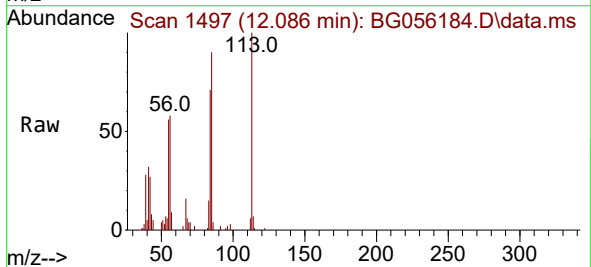
Instrument :
BNA_G
ClientSampleId :
PB150003BS

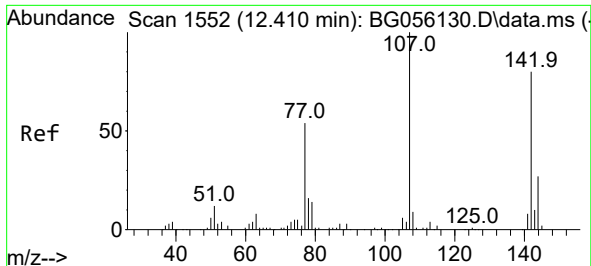
Tgt Ion:225 Resp: 142884
Ion Ratio Lower Upper
225 100
223 60.2 47.7 71.5
227 62.3 52.3 78.5



#35
Caprolactam
Concen: 25.918 ng
RT: 12.086 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:113 Resp: 37718
Ion Ratio Lower Upper
113 100
55 56.4 31.9 71.9
56 57.7 27.6 67.6

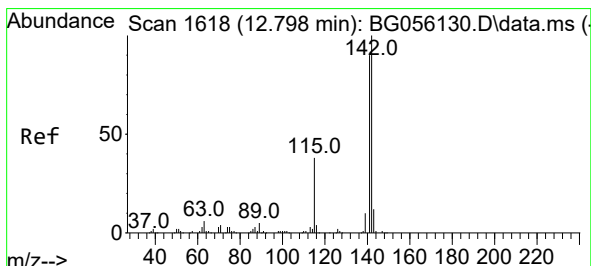
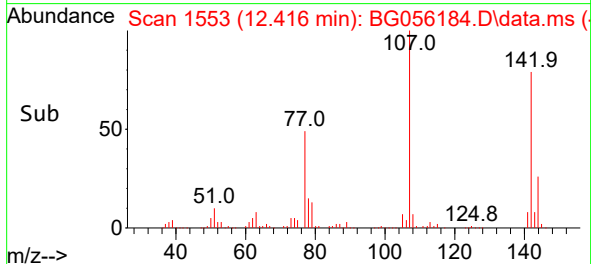
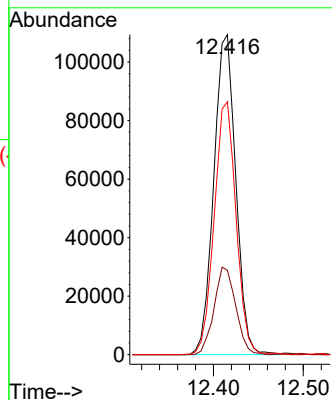
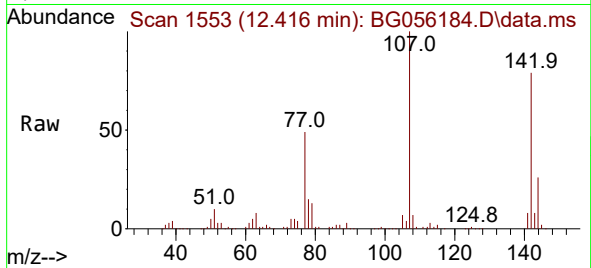




#36
4-Chloro-3-methylphenol
Concen: 42.650 ng
RT: 12.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

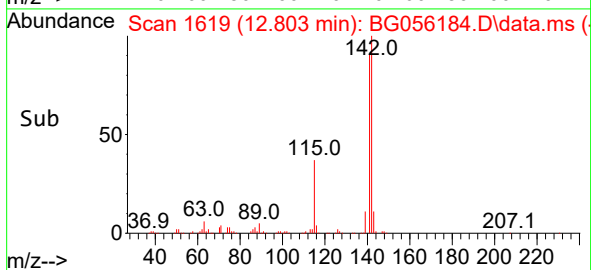
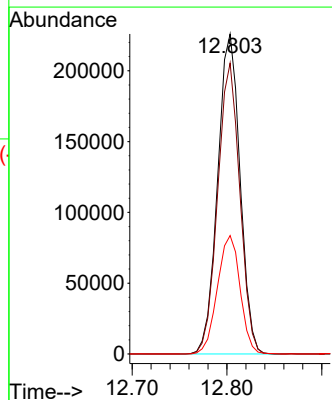
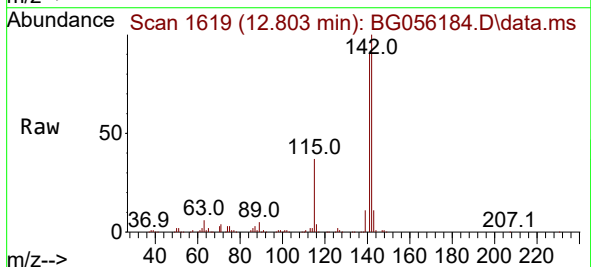
Instrument :
BNA_G
ClientSampleId :
PB150003BS

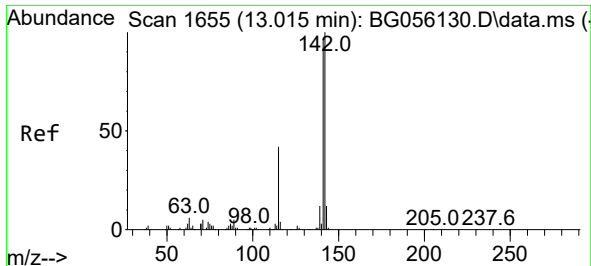
Tgt Ion:107 Resp: 186021
Ion Ratio Lower Upper
107 100
144 26.4 21.5 32.3
142 79.0 63.8 95.6



#37
2-Methylnaphthalene
Concen: 38.751 ng
RT: 12.803 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:142 Resp: 370303
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.4
115 37.0 30.7 46.1





#38

1-Methylnaphthalene

Concen: 39.659 ng

RT: 13.021 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

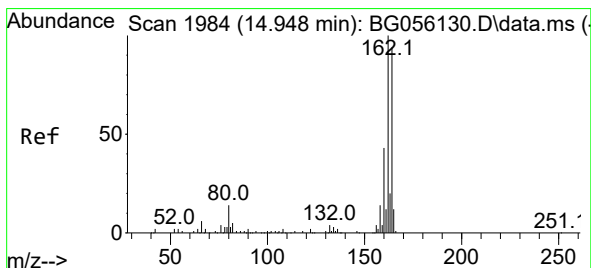
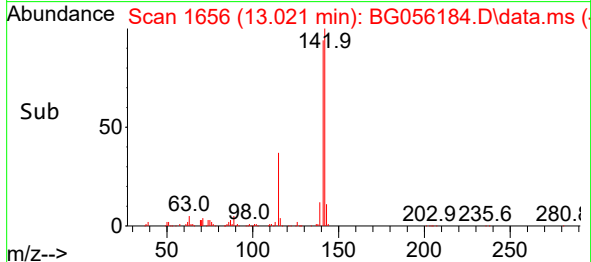
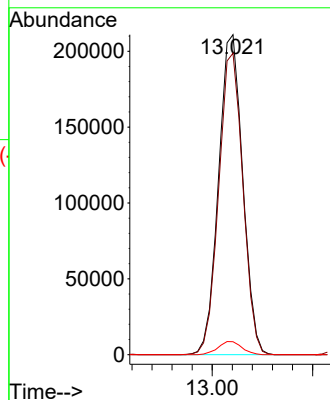
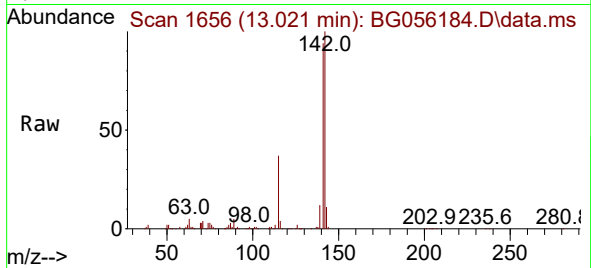
Tgt Ion:142 Resp: 351929

Ion Ratio Lower Upper

142 100

141 94.2 77.0 115.6

116 4.1 3.6 5.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

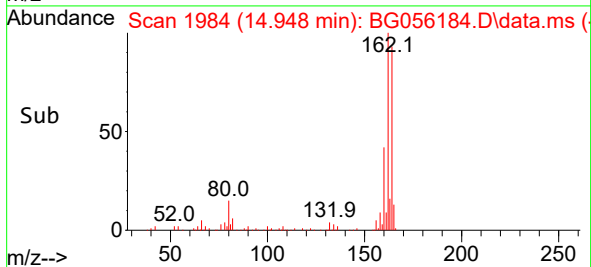
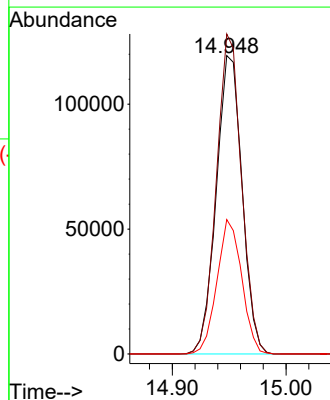
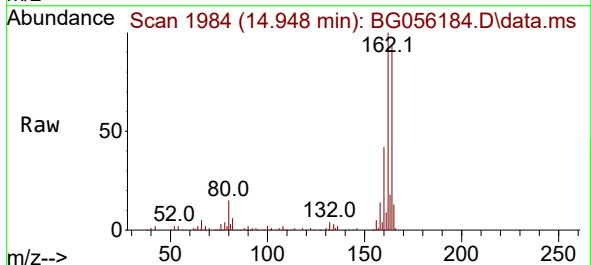
Tgt Ion:164 Resp: 188825

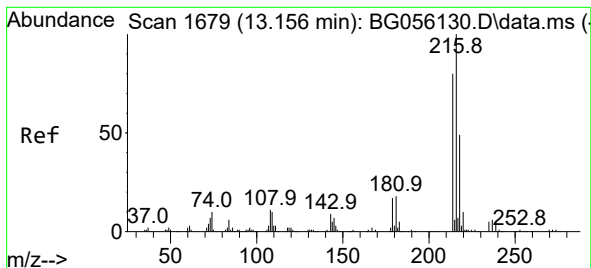
Ion Ratio Lower Upper

164 100

162 107.2 84.7 127.1

160 45.0 36.3 54.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.527 ng

RT: 13.162 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

Tgt Ion:216 Resp: 279738

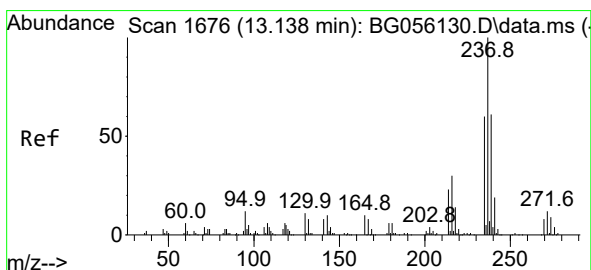
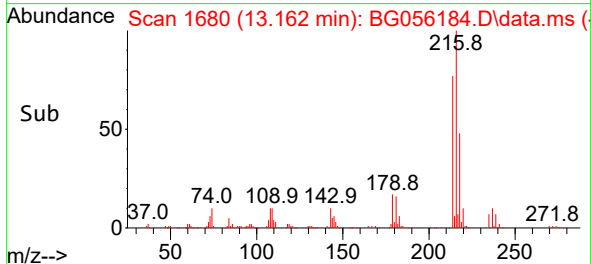
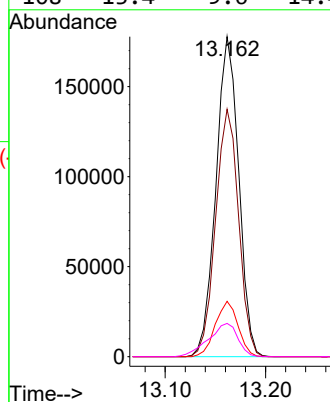
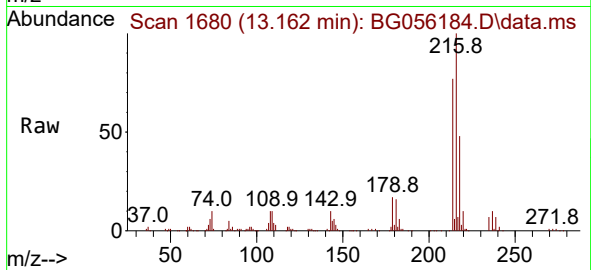
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.0

179 17.3 13.6 20.4

108 13.4 9.6 14.4



#41

Hexachlorocyclopentadiene

Concen: 85.785 ng

RT: 13.138 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

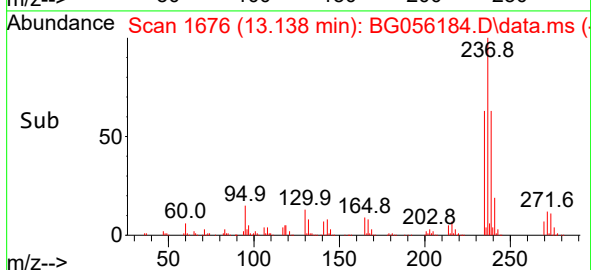
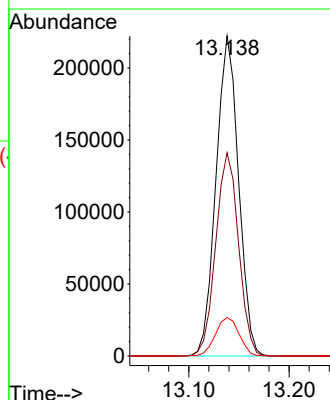
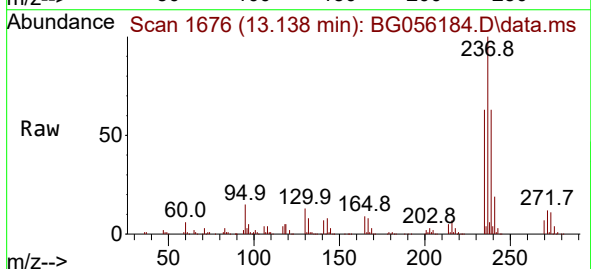
Tgt Ion:237 Resp: 346130

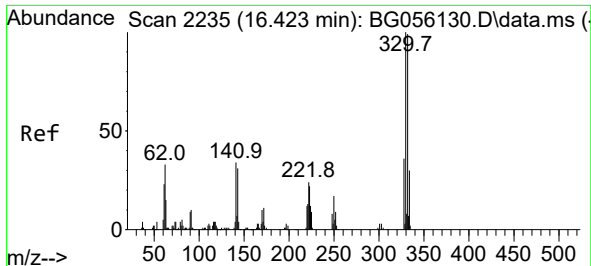
Ion Ratio Lower Upper

237 100

235 63.5 40.3 80.3

272 12.0 0.0 32.5

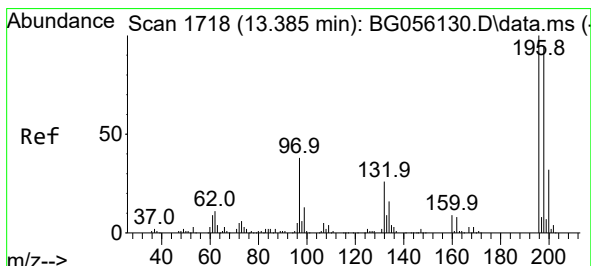
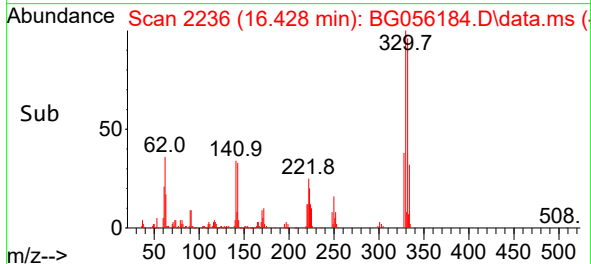
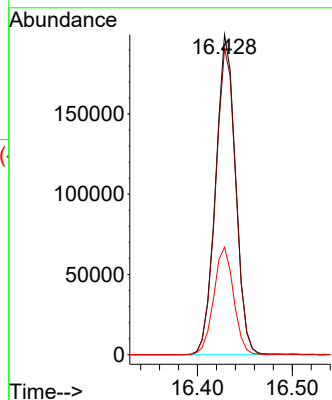
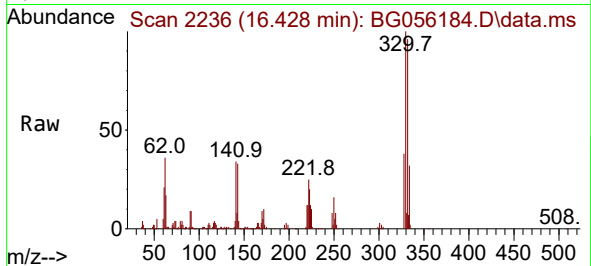




#42
2,4,6-Tribromophenol
Concen: 121.842 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

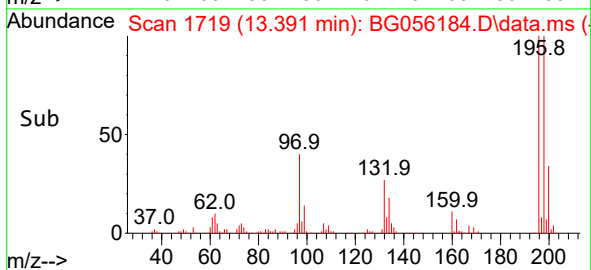
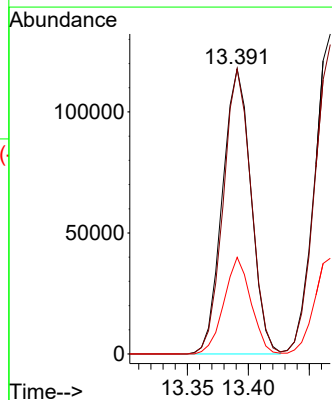
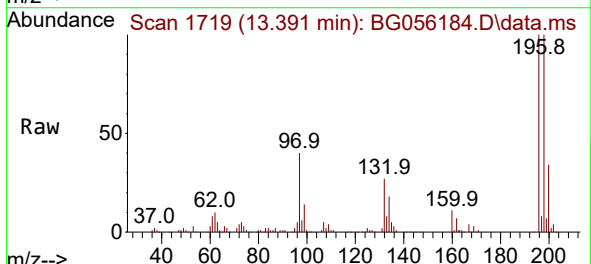
Instrument :
BNA_G
ClientSampleId :
PB150003BS

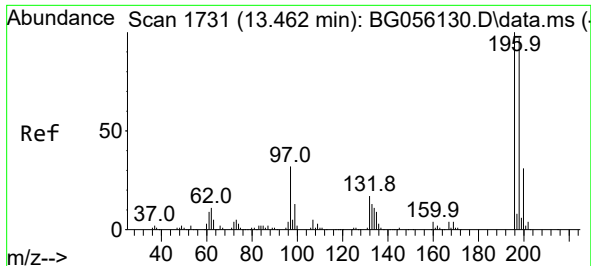
Tgt Ion:330 Resp: 291378
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.6 27.9 41.9



#43
2,4,6-Trichlorophenol
Concen: 41.090 ng
RT: 13.391 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:196 Resp: 192288
Ion Ratio Lower Upper
196 100
198 99.9 75.5 113.3
200 33.9 25.7 38.5

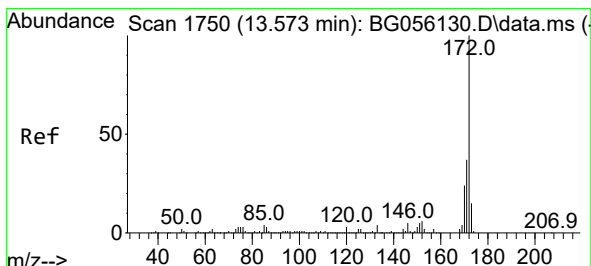
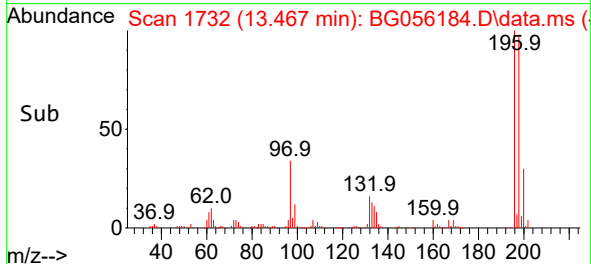
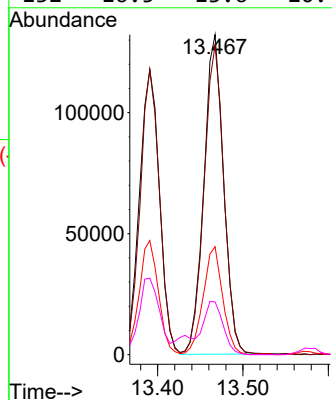
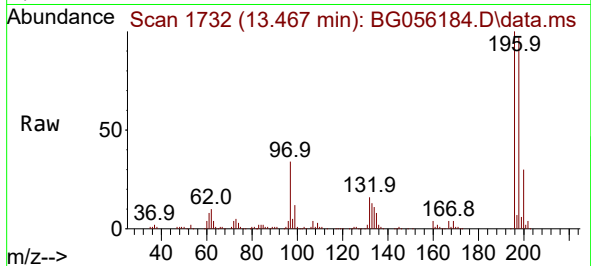




#44
2,4,5-Trichlorophenol
Concen: 38.397 ng
RT: 13.467 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

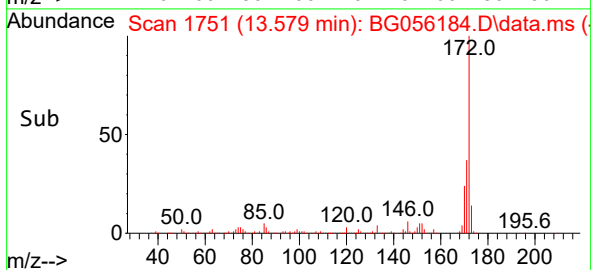
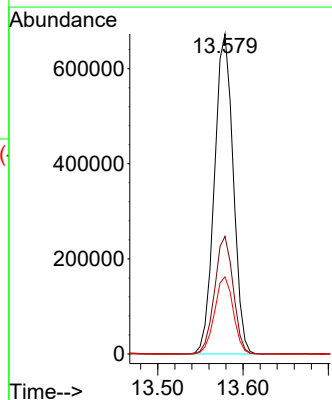
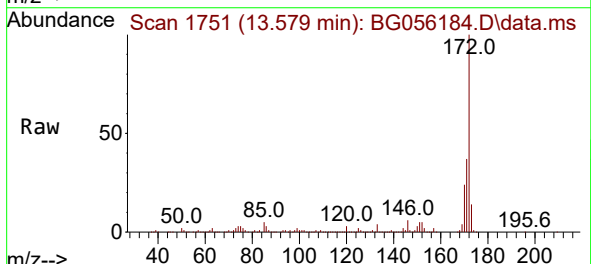
Instrument :
BNA_G
ClientSampleId :
PB150003BS

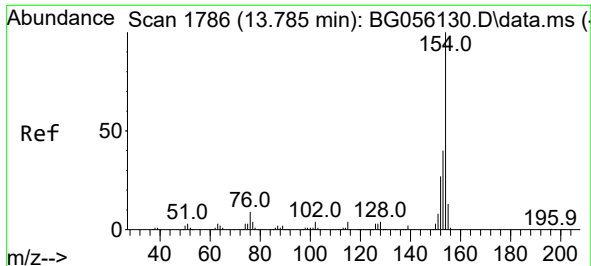
Tgt Ion:196 Resp: 212559
Ion Ratio Lower Upper
196 100
198 96.7 78.0 117.0
97 33.8 25.7 38.5
132 16.5 13.6 20.4



#45
2-Fluorobiphenyl
Concen: 75.288 ng
RT: 13.579 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:172 Resp: 1029491
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.1 19.4 29.2

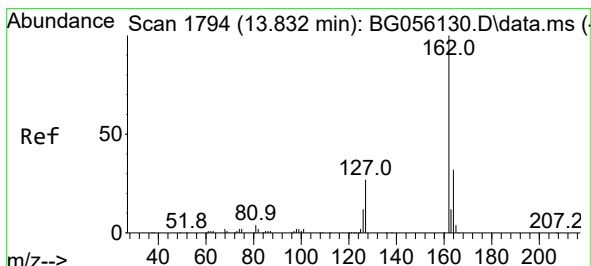
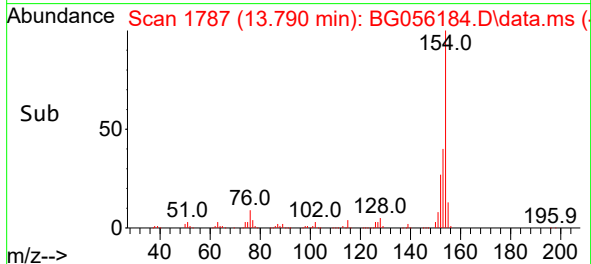
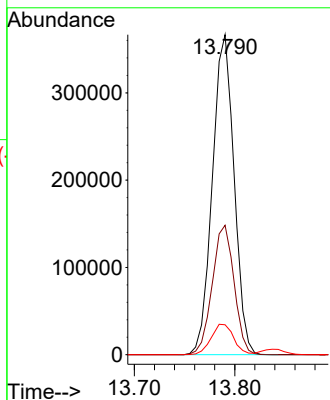
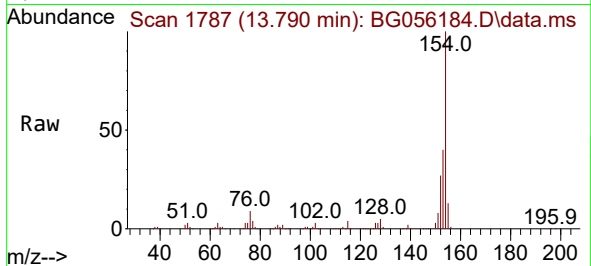




#46
1,1'-Biphenyl
Concen: 40.574 ng
RT: 13.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

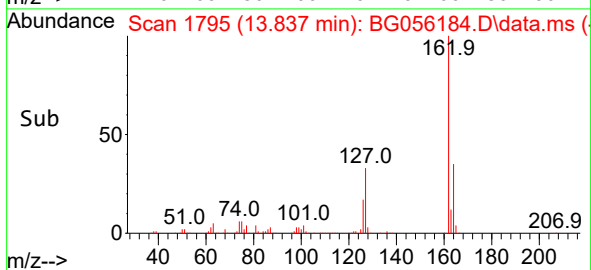
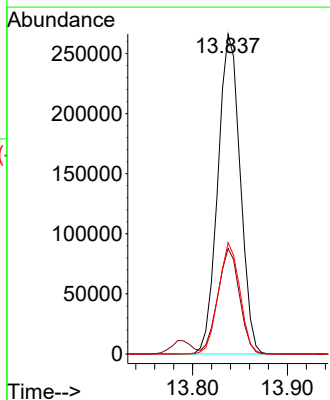
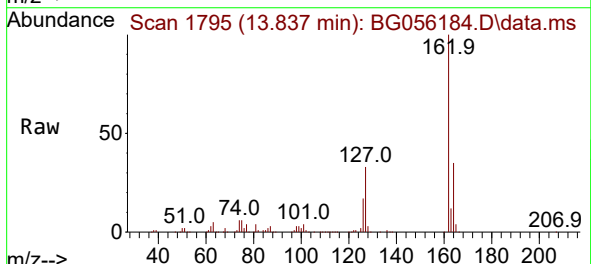
Instrument :
BNA_G
ClientSampleId :
PB150003BS

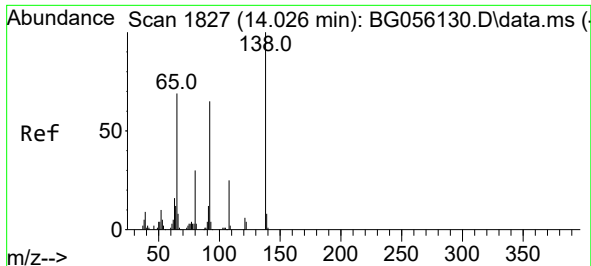
Tgt Ion:154 Resp: 548687
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 9.4 0.0 29.3



#47
2-Chloronaphthalene
Concen: 40.856 ng
RT: 13.837 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:162 Resp: 436092
Ion Ratio Lower Upper
162 100
127 32.9 24.6 36.8
164 34.7 25.8 38.8

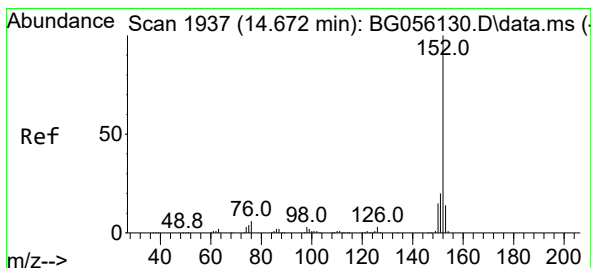
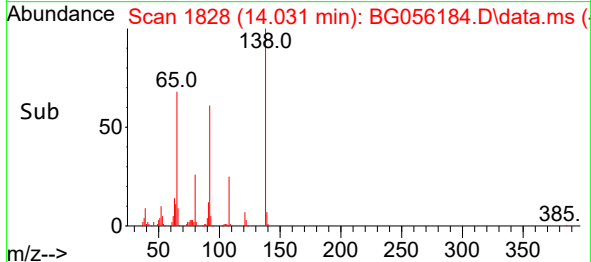
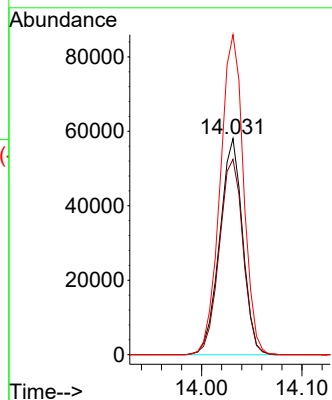
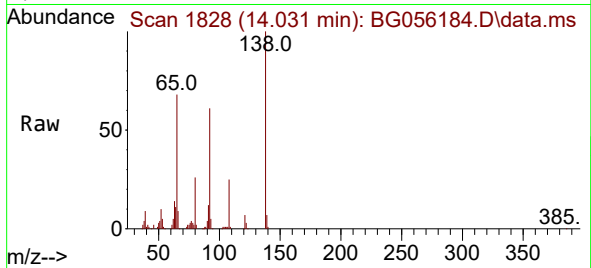




#48
2-Nitroaniline
Concen: 40.486 ng
RT: 14.031 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

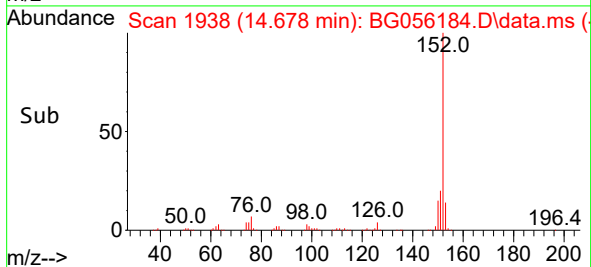
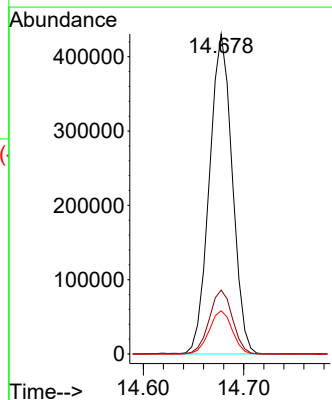
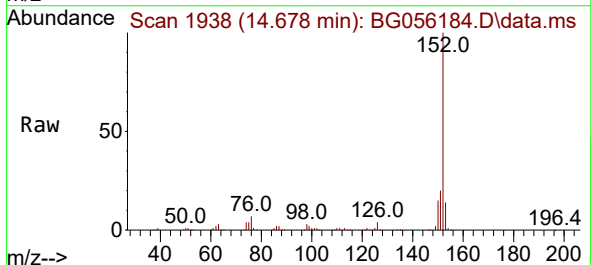
Instrument :
BNA_G
ClientSampleId :
PB150003BS

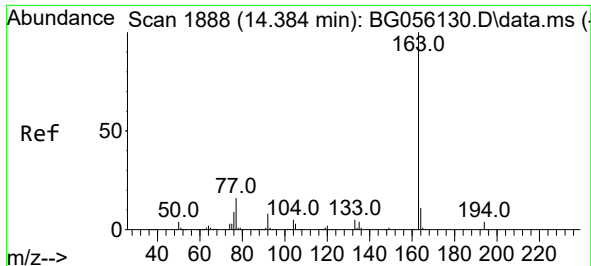
Tgt Ion: 65 Resp: 92075
Ion Ratio Lower Upper
65 100
92 90.4 76.0 114.0
138 148.0 116.6 174.8



#49
Acenaphthylene
Concen: 39.243 ng
RT: 14.678 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 152 Resp: 681653
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.5 11.0 16.6

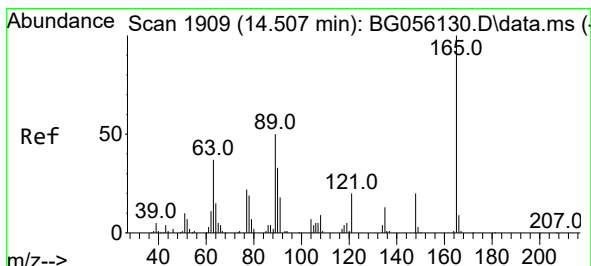
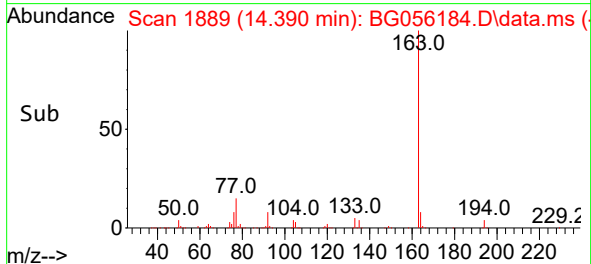
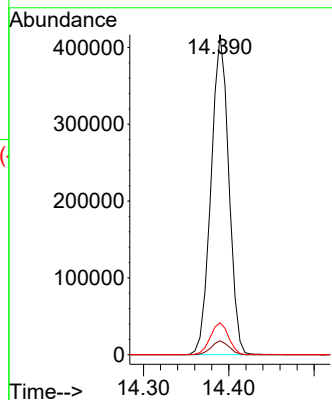
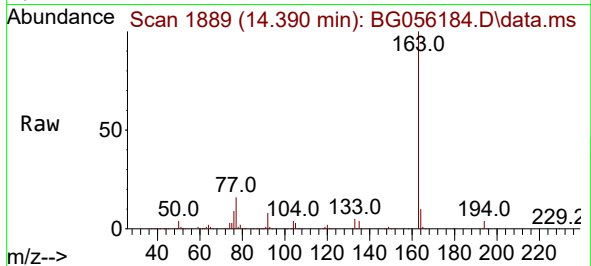




#50
Dimethylphthalate
Concen: 39.505 ng
RT: 14.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

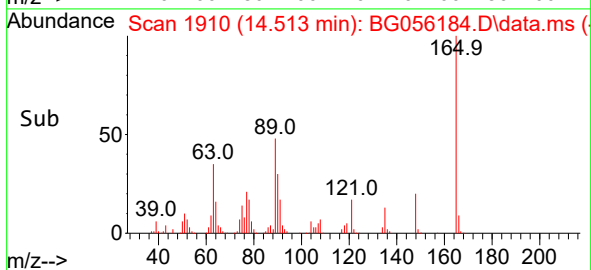
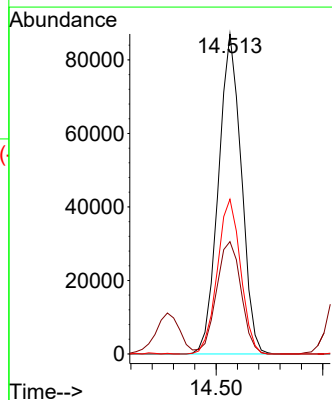
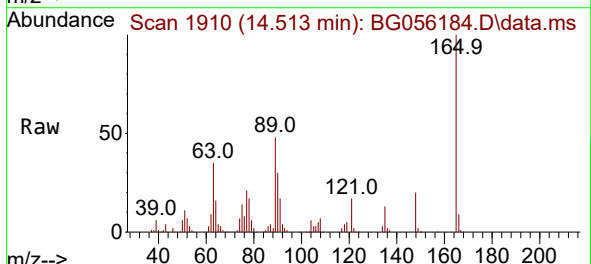
Instrument :
BNA_G
ClientSampleId :
PB150003BS

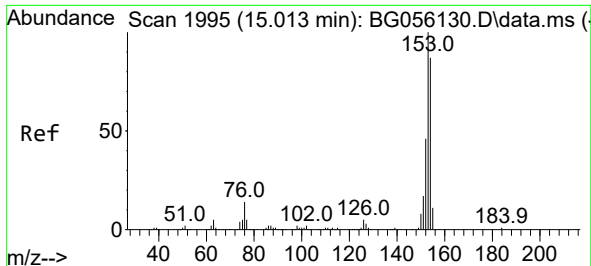
Tgt Ion:163 Resp: 602175
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.0 8.7 13.1



#51
2,6-Dinitrotoluene
Concen: 39.879 ng
RT: 14.513 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:165 Resp: 129527
Ion Ratio Lower Upper
165 100
63 35.1 32.2 48.2
89 48.4 39.8 59.8

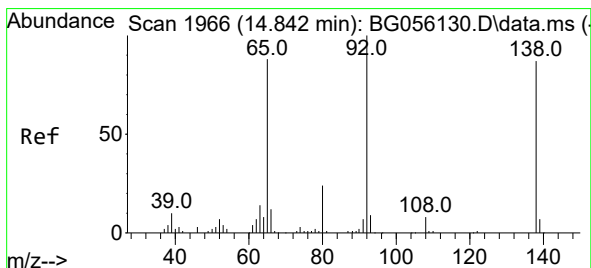
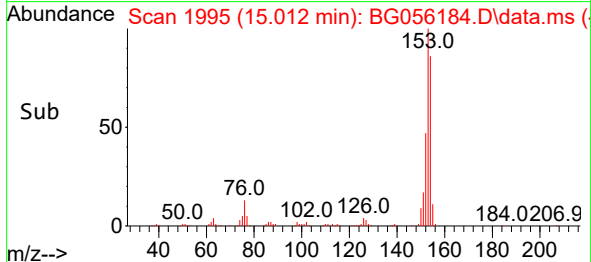
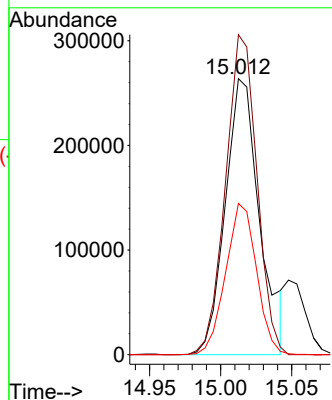
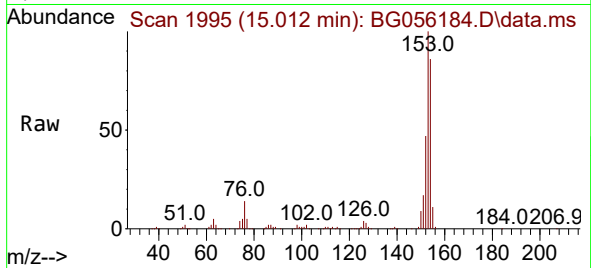




#52
Acenaphthene
Concen: 39.235 ng
RT: 15.012 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

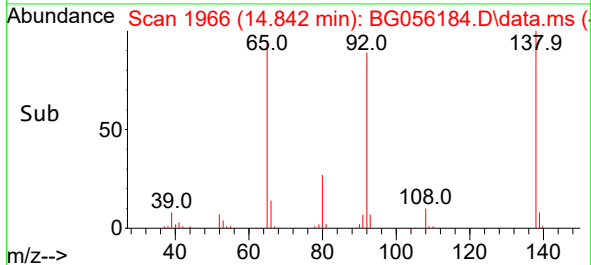
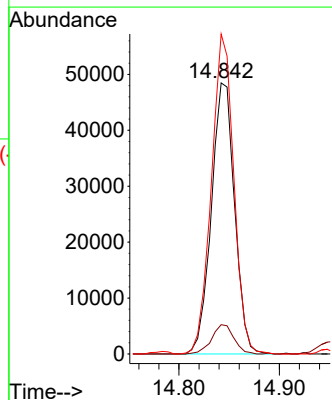
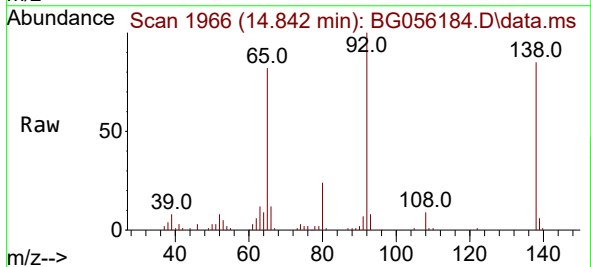
Instrument :
BNA_G
ClientSampleId :
PB150003BS

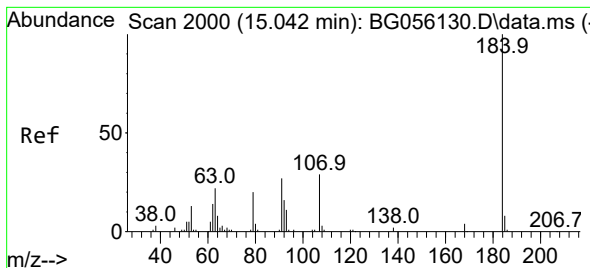
Tgt Ion:154 Resp: 443244
Ion Ratio Lower Upper
154 100
153 116.0 92.0 138.0
152 54.8 42.5 63.7



#53
3-Nitroaniline
Concen: 25.212 ng
RT: 14.842 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:138 Resp: 77934
Ion Ratio Lower Upper
138 100
108 10.8 7.6 11.4
92 118.1 91.7 137.5





#54

2,4-Dinitrophenol

Concen: 86.674 ng

RT: 15.048 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

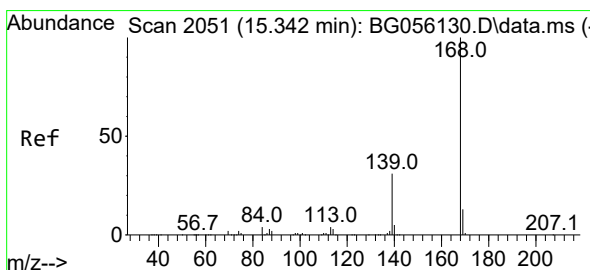
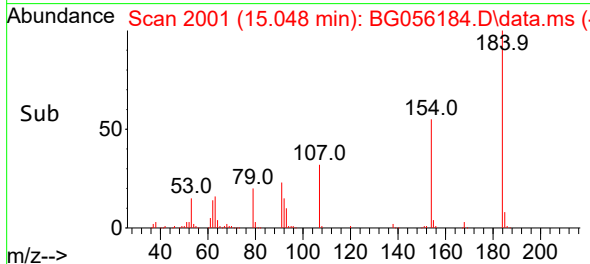
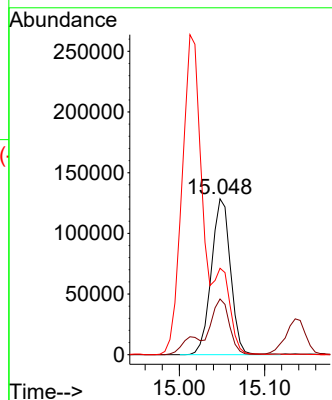
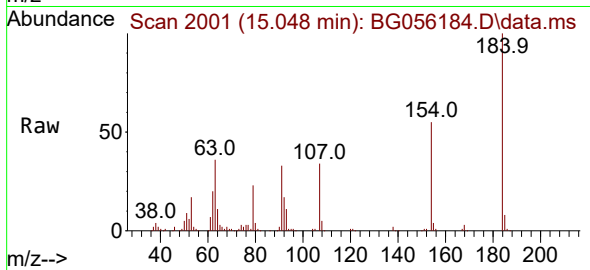
Tgt Ion:184 Resp: 201116

Ion Ratio Lower Upper

184 100

63 35.7 24.0 36.0

154 55.5 45.4 68.0



#55

Dibenzofuran

Concen: 39.259 ng

RT: 15.347 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

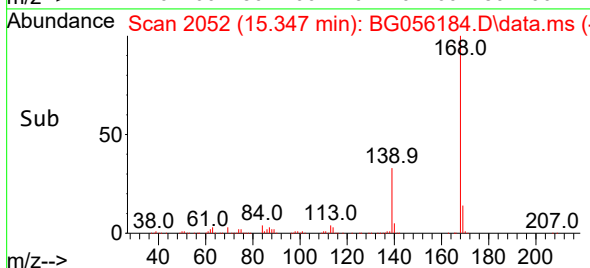
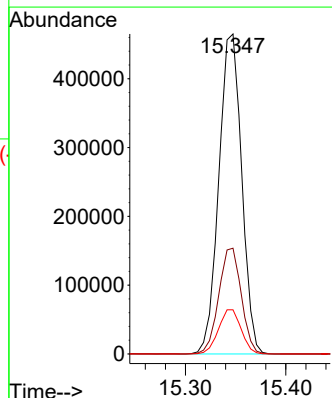
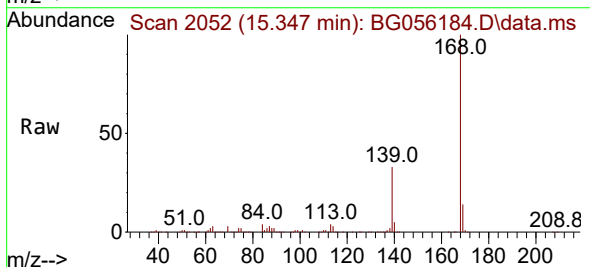
Tgt Ion:168 Resp: 733944

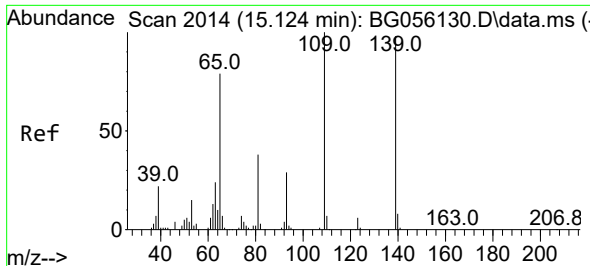
Ion Ratio Lower Upper

168 100

139 33.1 24.7 37.1

169 13.8 10.3 15.5

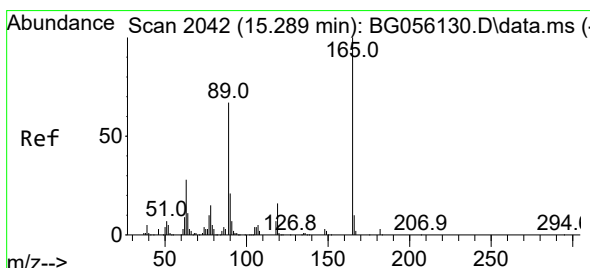
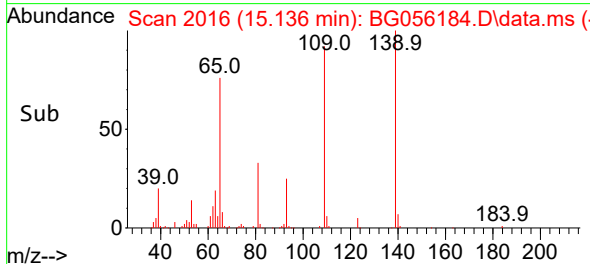
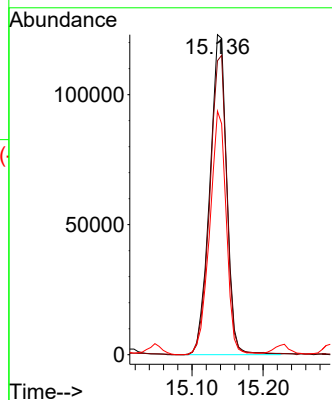
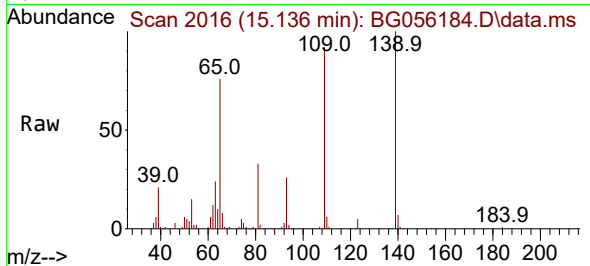




#56
4-Nitrophenol
Concen: 86.143 ng
RT: 15.136 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

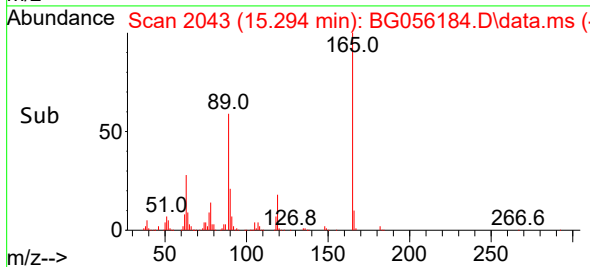
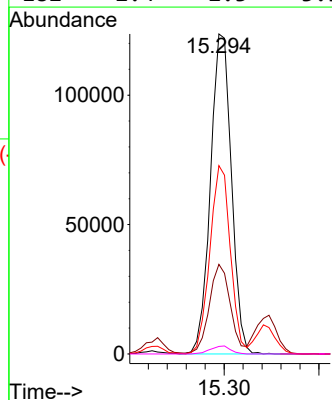
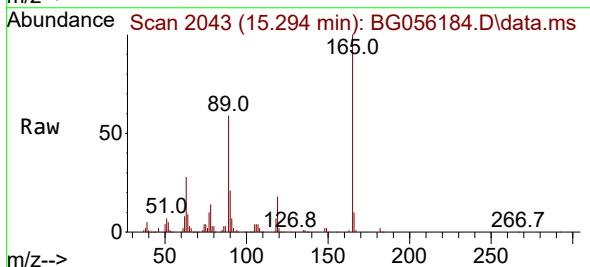
Instrument :
BNA_G
ClientSampleId :
PB150003BS

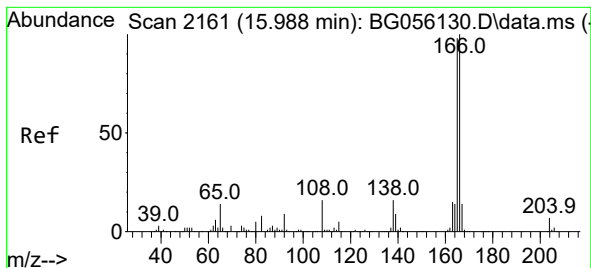
Tgt Ion:139 Resp: 204795
Ion Ratio Lower Upper
139 100
109 91.9 82.2 122.2
65 76.1 60.6 100.6



#57
2,4-Dinitrotoluene
Concen: 41.848 ng
RT: 15.294 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:165 Resp: 190093
Ion Ratio Lower Upper
165 100
63 28.0 22.6 34.0
89 58.8 53.2 79.8
182 2.4 2.3 3.5





#58

Fluorene

Concen: 39.798 ng

RT: 15.988 min Scan# 2161

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

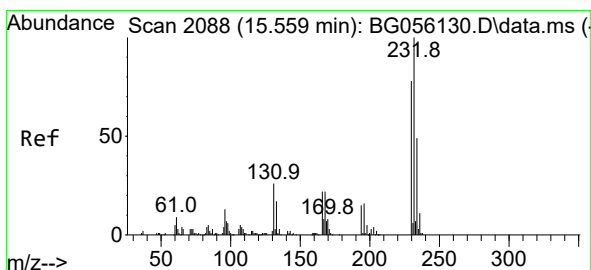
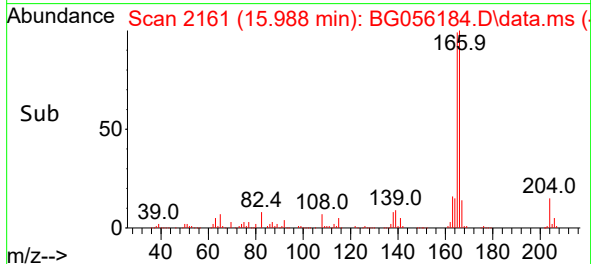
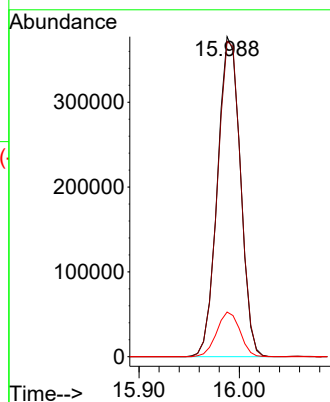
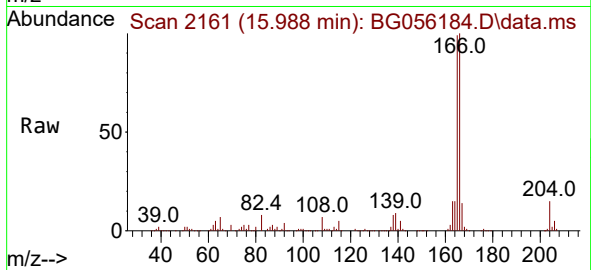
Tgt Ion:166 Resp: 598427

Ion Ratio Lower Upper

166 100

165 98.6 78.6 118.0

167 14.0 11.1 16.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 40.791 ng

RT: 15.565 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Tgt Ion:232 Resp: 212019

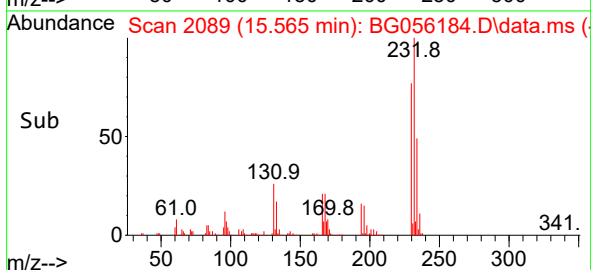
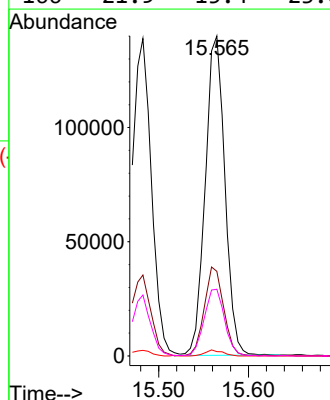
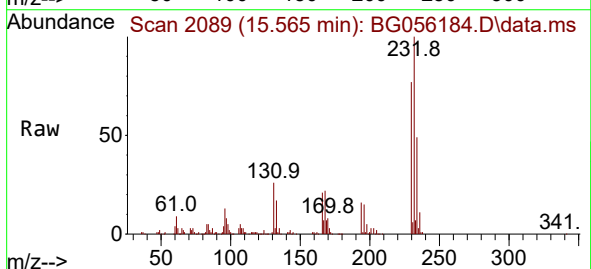
Ion Ratio Lower Upper

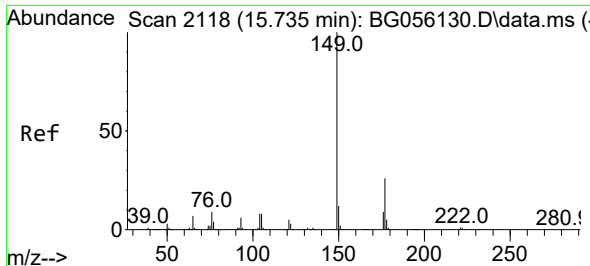
232 100

131 27.8 21.4 32.2

130 1.7 1.4 2.0

166 21.9 15.4 23.0

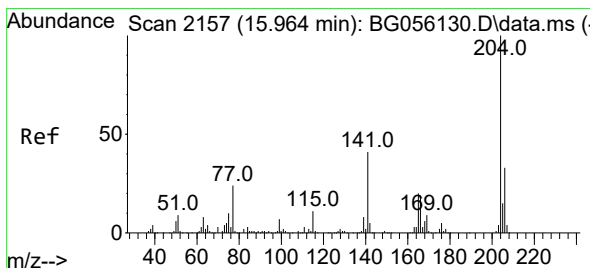
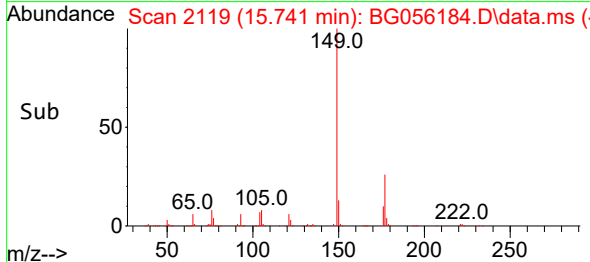
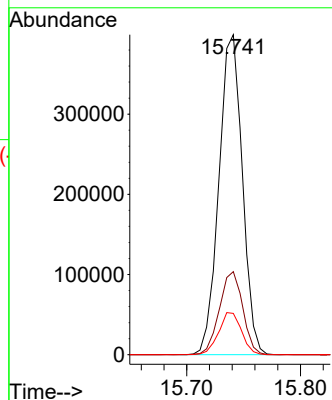
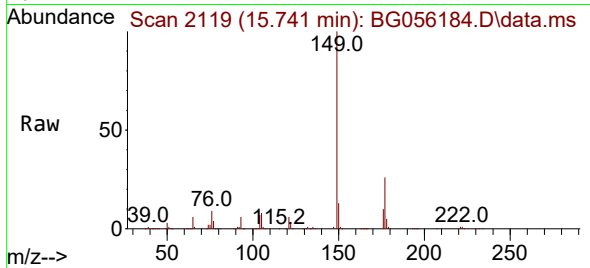




#60
Diethylphthalate
Concen: 39.969 ng
RT: 15.741 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

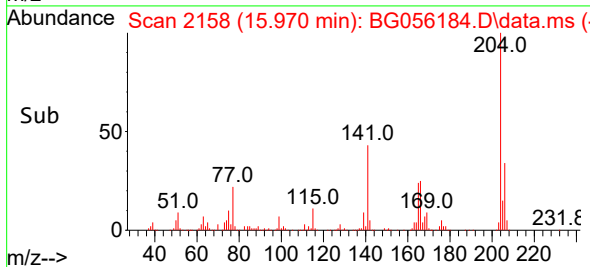
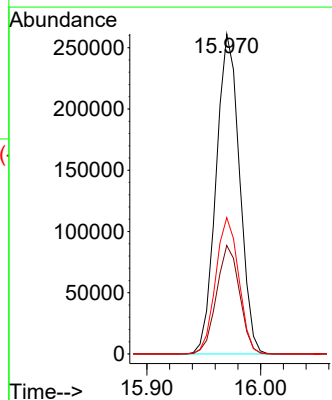
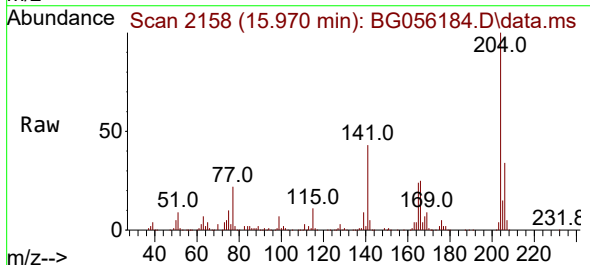
Instrument :
BNA_G
ClientSampleId :
PB150003BS

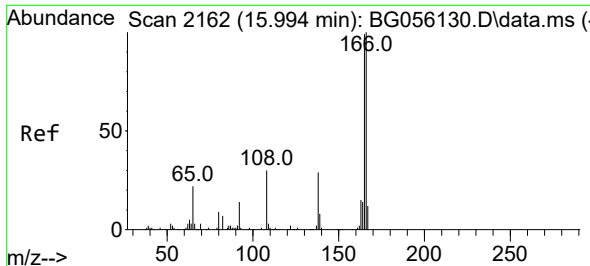
Tgt Ion:149 Resp: 571359
Ion Ratio Lower Upper
149 100
177 25.9 20.6 31.0
150 12.9 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 39.883 ng
RT: 15.970 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:204 Resp: 374253
Ion Ratio Lower Upper
204 100
206 33.9 26.4 39.6
141 42.6 33.0 49.4

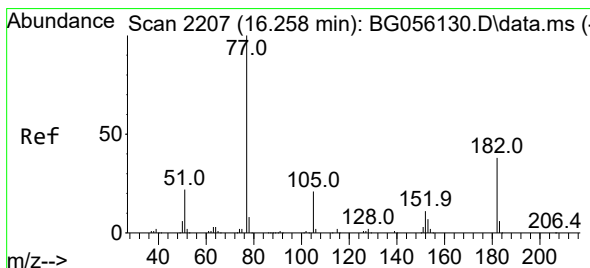
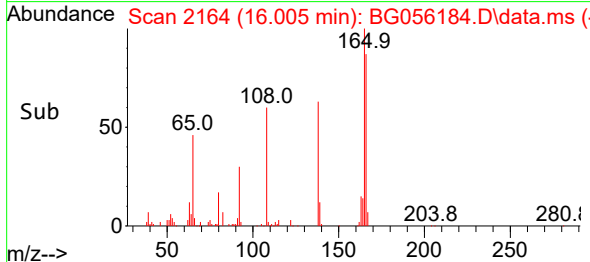
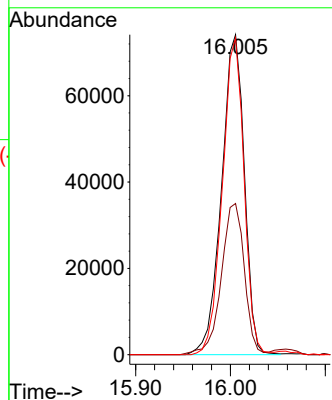
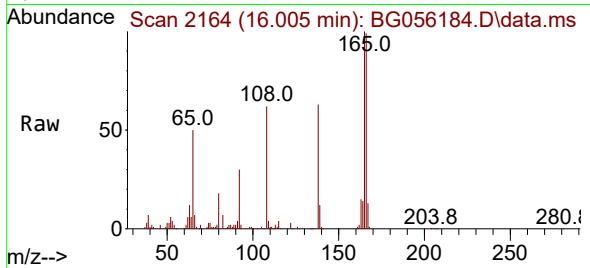




#62
4-Nitroaniline
Concen: 39.207 ng
RT: 16.005 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

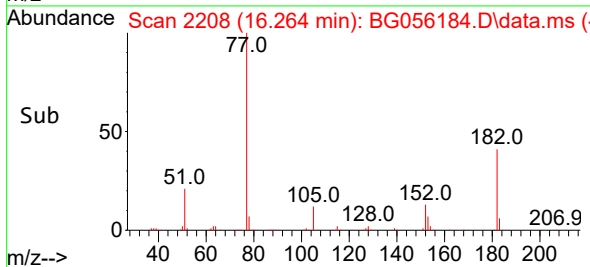
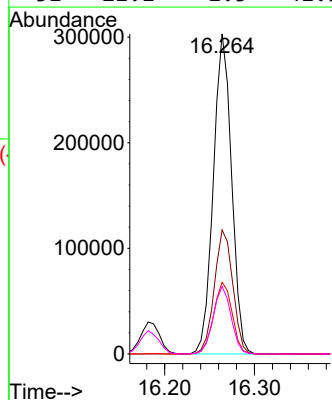
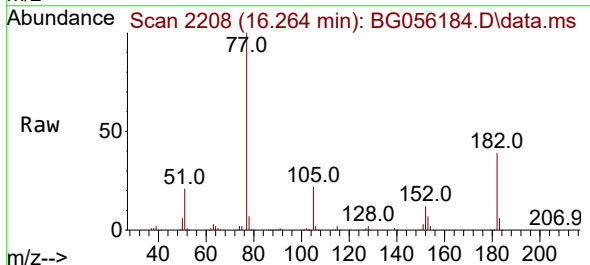
Instrument :
BNA_G
ClientSampleId :
PB150003BS

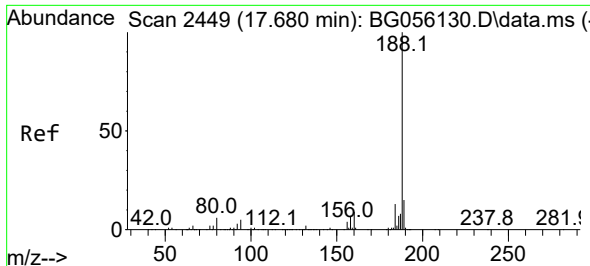
Tgt Ion:138 Resp: 124145
Ion Ratio Lower Upper
138 100
92 47.2 28.6 68.6
108 99.0 83.4 123.4



#63
Azobenzene
Concen: 38.702 ng
RT: 16.264 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion: 77 Resp: 426937
Ion Ratio Lower Upper
77 100
182 38.8 18.5 58.5
105 22.4 1.4 41.4
51 21.1 1.5 41.5

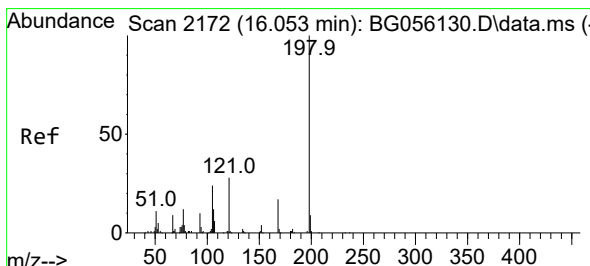
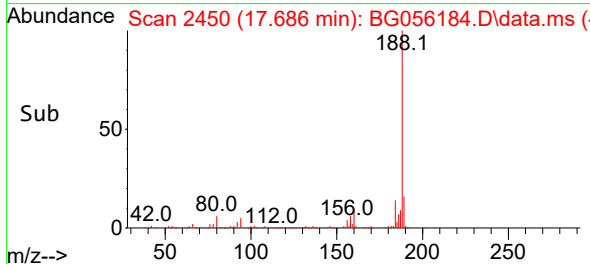
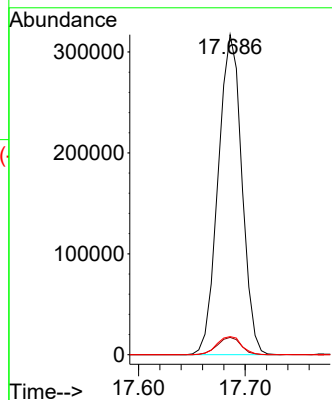
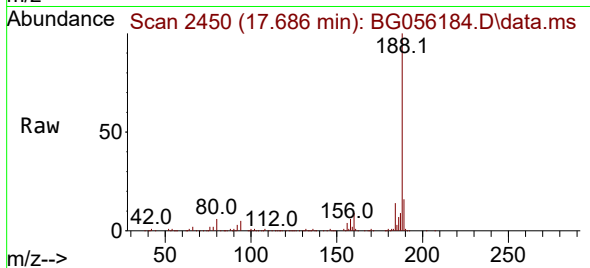




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.686 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

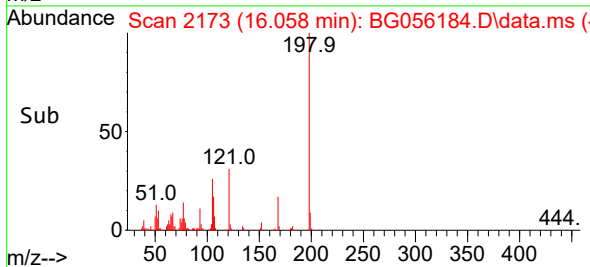
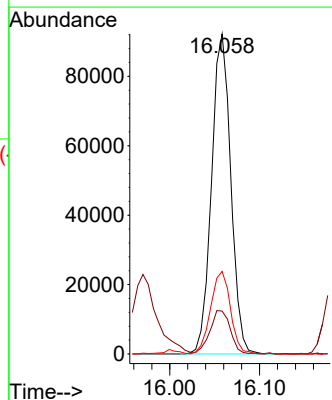
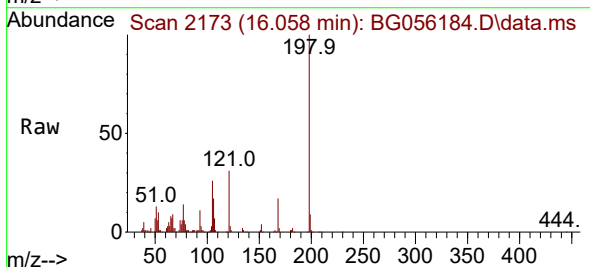
Instrument :
BNA_G
ClientSampleId :
PB150003BS

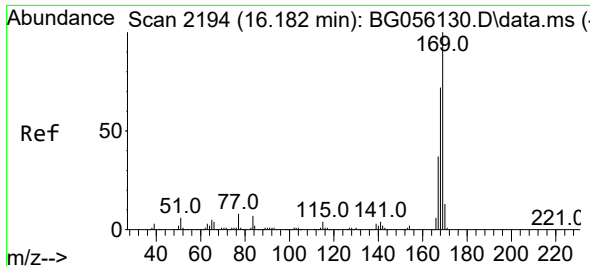
Tgt Ion:188 Resp: 488628
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.6 5.0 7.4



#65
4,6-Dinitro-2-methylphenol
Concen: 41.695 ng
RT: 16.058 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:198 Resp: 137264
Ion Ratio Lower Upper
198 100
51 13.4 0.0 33.2
105 25.8 4.9 44.9

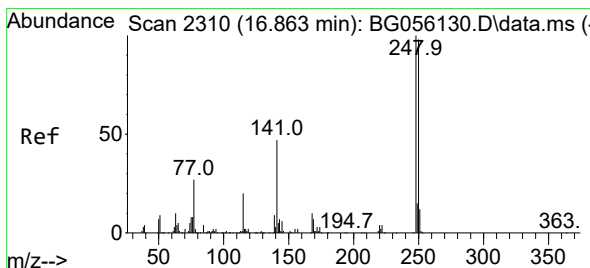
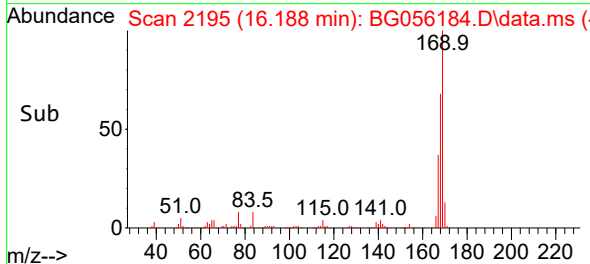
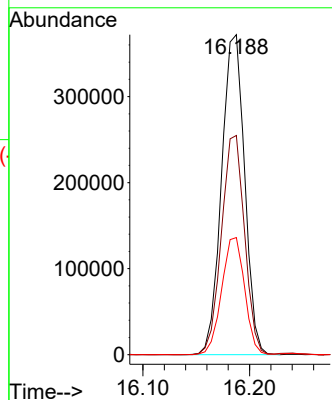
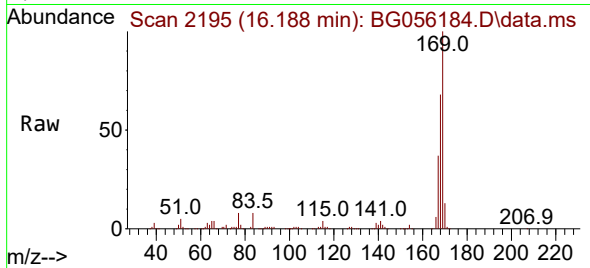




#66
 n-Nitrosodiphenylamine
 Concen: 41.174 ng
 RT: 16.188 min Scan# 2194
 Delta R.T. 0.006 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

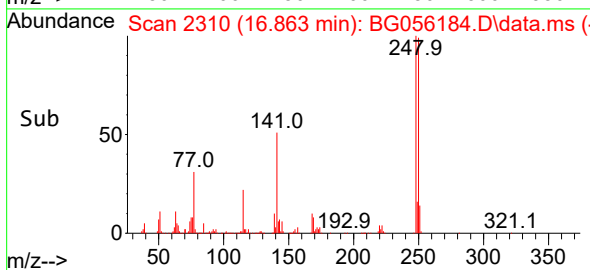
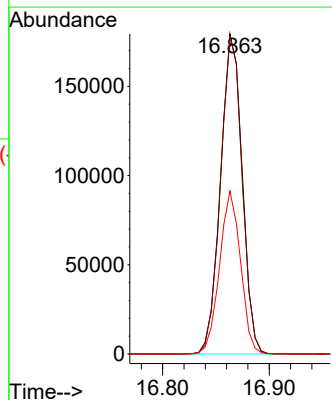
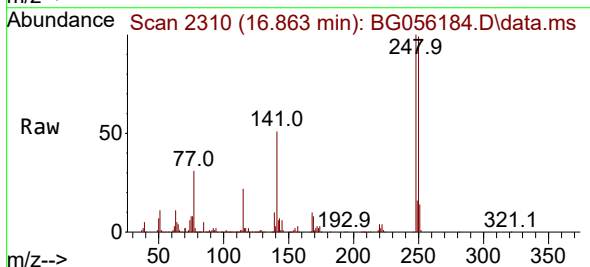
Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

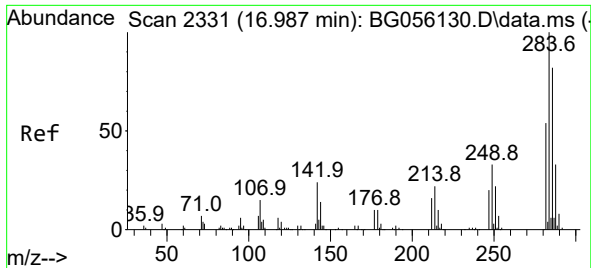
Tgt Ion:169 Resp: 558206
 Ion Ratio Lower Upper
 169 100
 168 68.5 58.0 87.0
 167 36.6 30.0 45.0



#67
 4-Bromophenyl-phenylether
 Concen: 40.616 ng
 RT: 16.863 min Scan# 2310
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Tgt Ion:248 Resp: 252722
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.2 117.4
 141 50.9 37.6 56.4

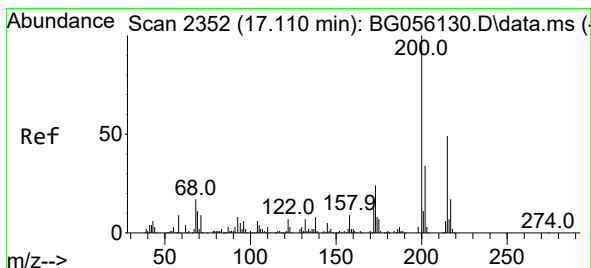
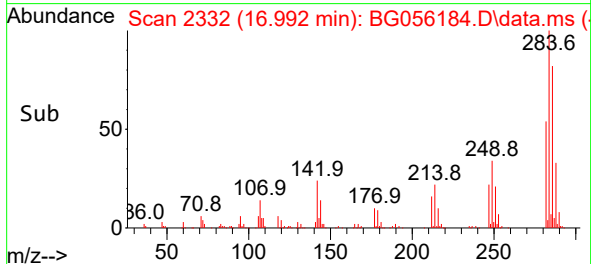
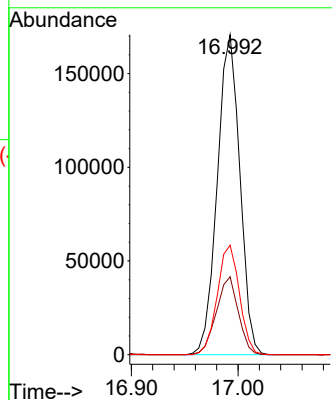
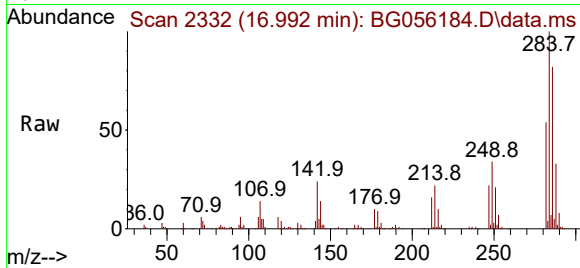




#68
Hexachlorobenzene
Concen: 43.143 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

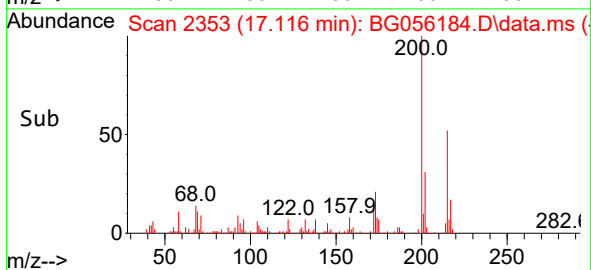
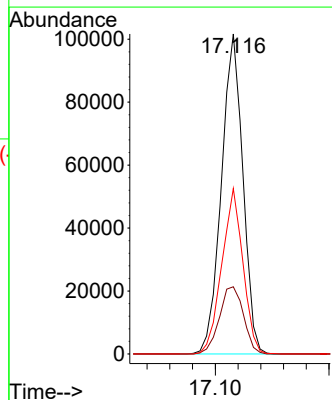
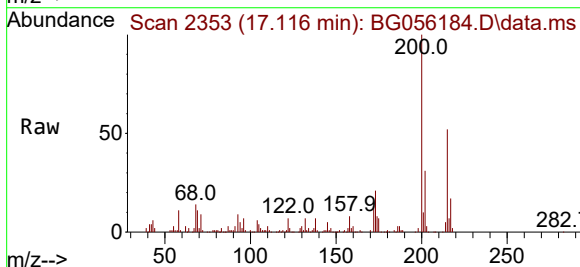
Instrument :
BNA_G
ClientSampleId :
PB150003BS

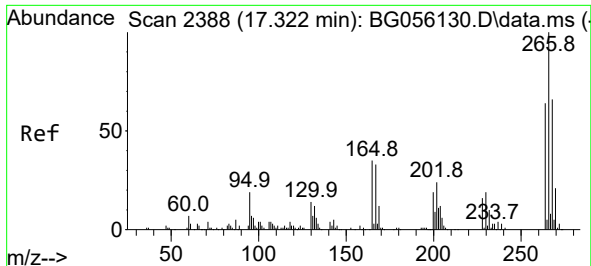
Tgt Ion:284 Resp: 250451
Ion Ratio Lower Upper
284 100
142 24.3 19.0 28.6
249 34.2 26.6 39.8



#69
Atrazine
Concen: 23.725 ng
RT: 17.116 min Scan# 2353
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:200 Resp: 133303
Ion Ratio Lower Upper
200 100
173 21.0 4.0 44.0
215 51.7 29.1 69.1

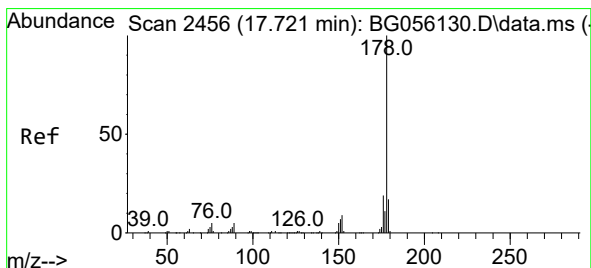
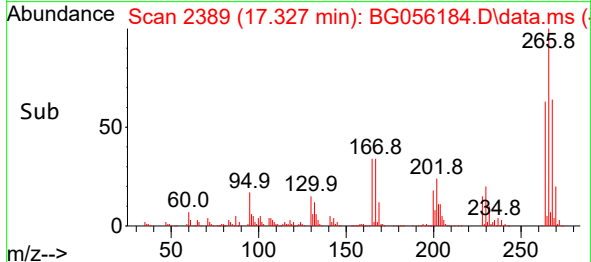
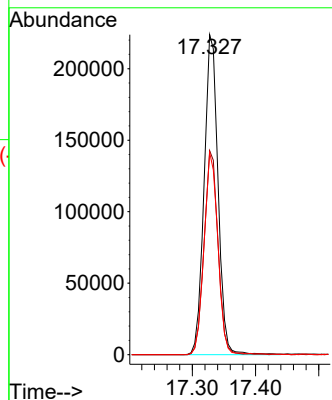
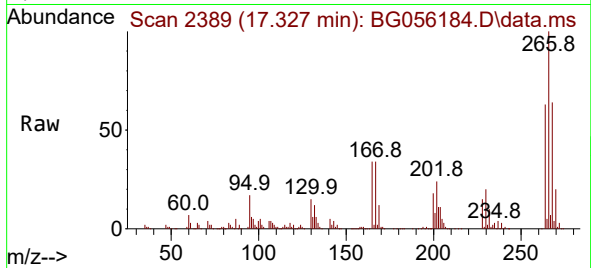




#70
 Pentachlorophenol
 Concen: 76.878 ng
 RT: 17.327 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

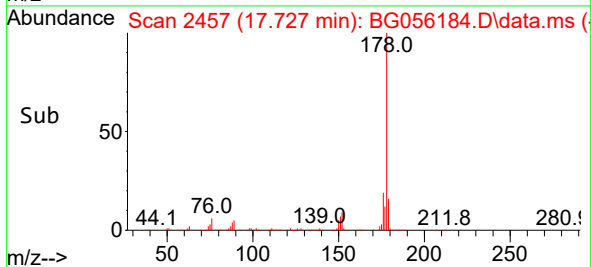
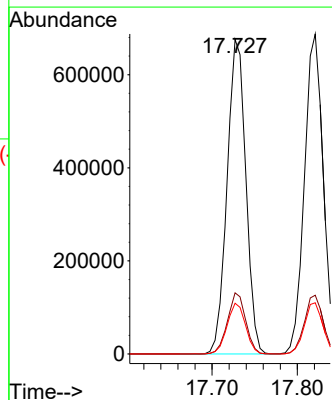
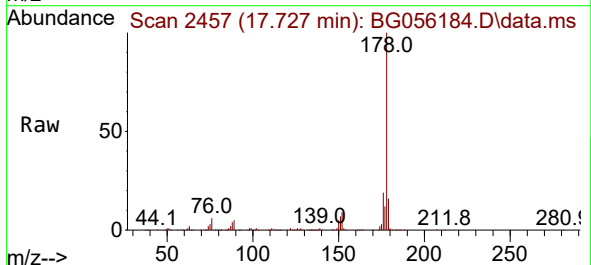
Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

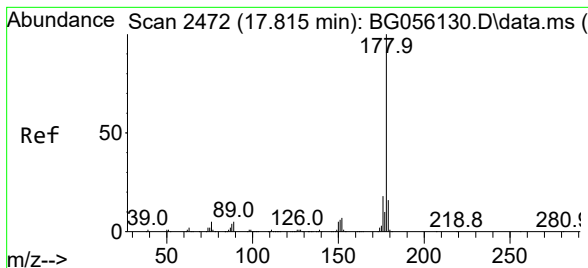
Tgt Ion:266 Resp: 342824
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.0 79.4
 264 63.2 51.4 77.2



#71
 Phenanthrene
 Concen: 40.832 ng
 RT: 17.727 min Scan# 2457
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Tgt Ion:178 Resp: 1033965
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 16.1 13.6 20.4





#72

Anthracene

Concen: 40.092 ng

RT: 17.821 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

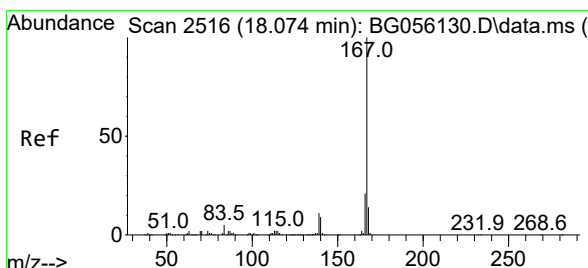
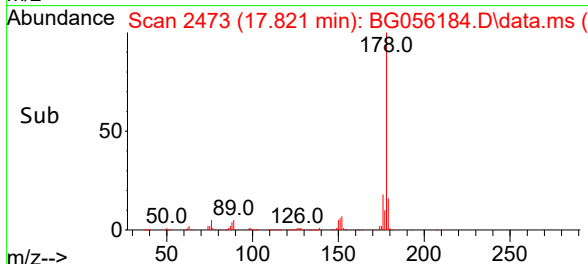
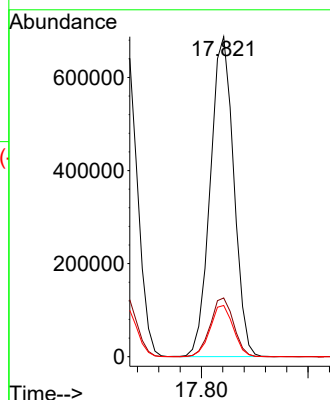
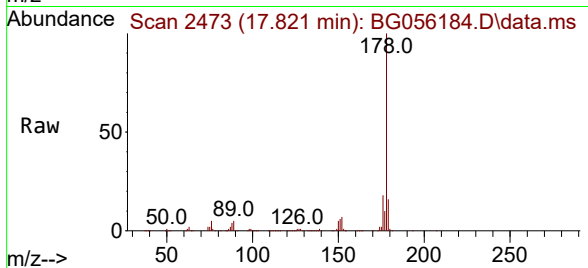
Tgt Ion:178 Resp: 1047269

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 16.0 12.7 19.1



#73

Carbazole

Concen: 41.802 ng

RT: 18.079 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

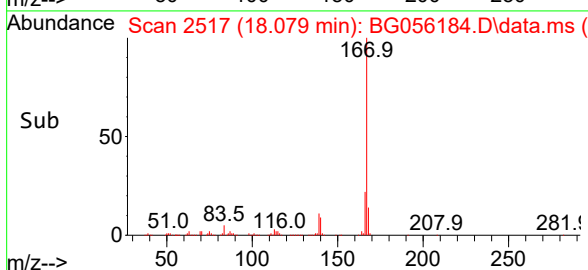
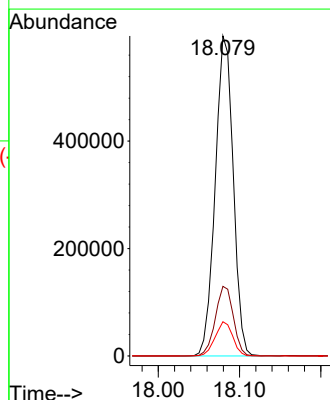
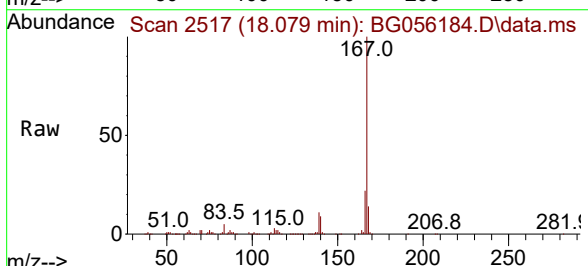
Tgt Ion:167 Resp: 917843

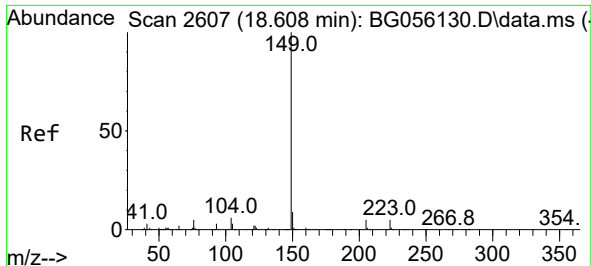
Ion Ratio Lower Upper

167 100

166 21.7 16.8 25.2

139 10.7 8.9 13.3

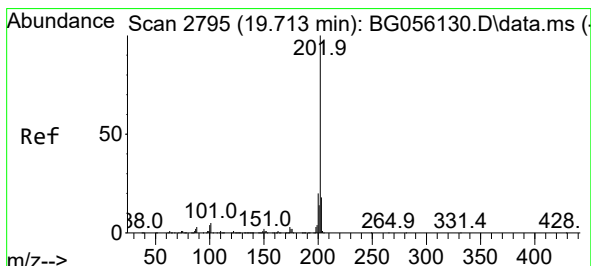
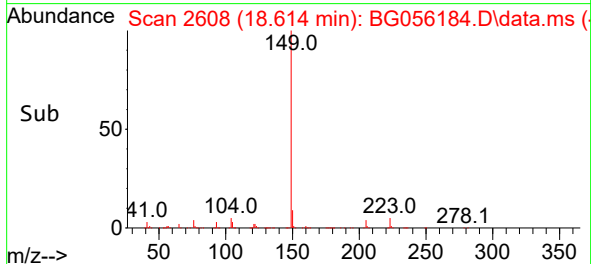
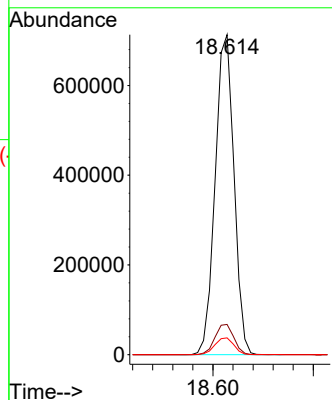
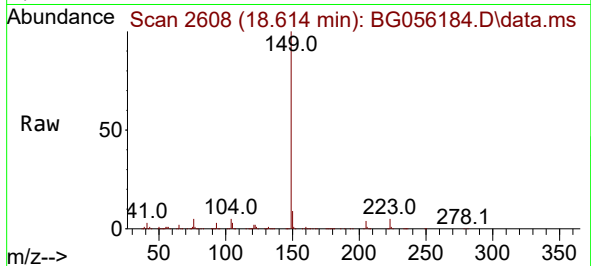




#74
Di-n-butylphthalate
Concen: 42.342 ng
RT: 18.614 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

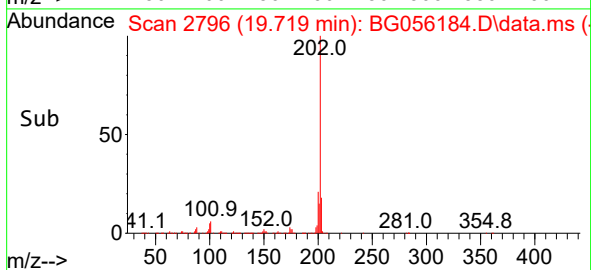
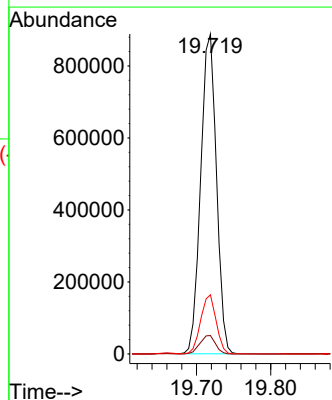
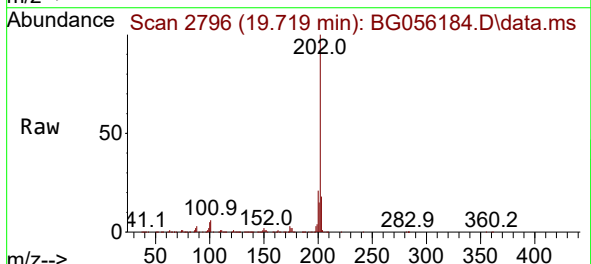
Instrument :
BNA_G
ClientSampleId :
PB150003BS

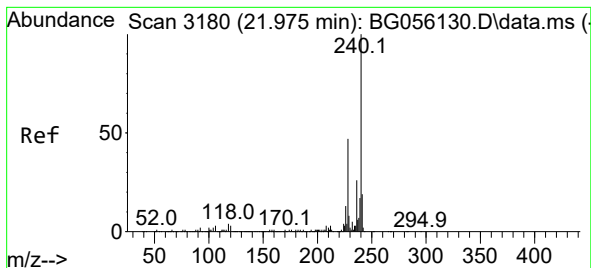
Tgt Ion:149 Resp: 926783
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.2 4.4 6.6



#75
Fluoranthene
Concen: 39.644 ng
RT: 19.719 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BG056184.D
Acq: 3 Jan 2023 13:29

Tgt Ion:202 Resp: 1309464
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 18.5 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.987 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

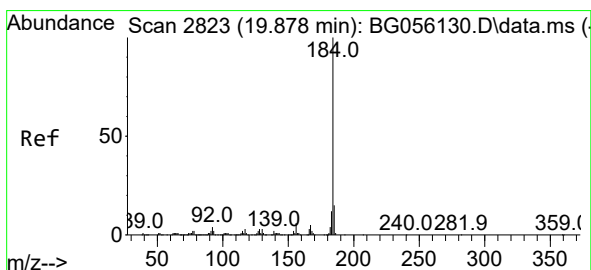
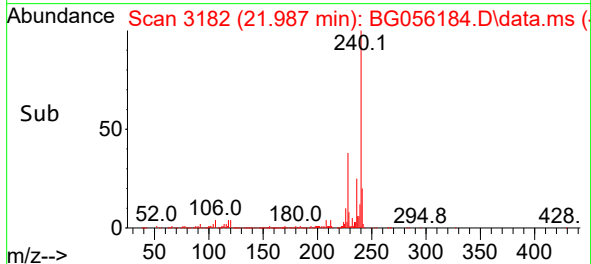
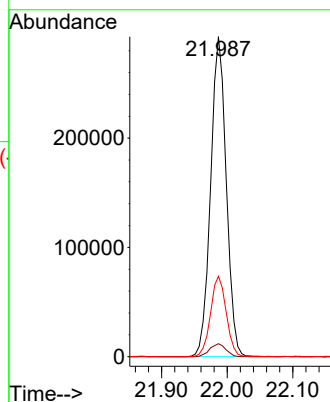
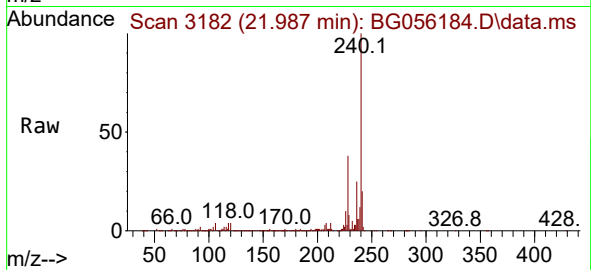
Tgt Ion:240 Resp: 484027

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 25.1 20.8 31.2



#77

Benzidine

Concen: 16.730 ng

RT: 19.883 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

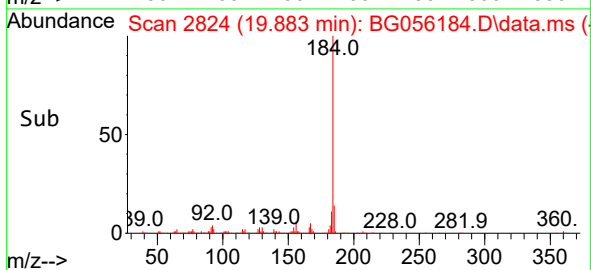
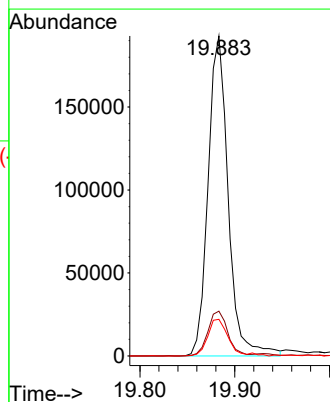
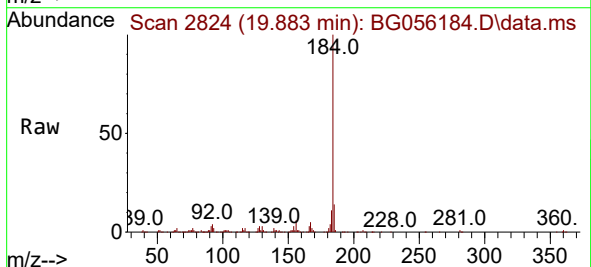
Tgt Ion:184 Resp: 283787

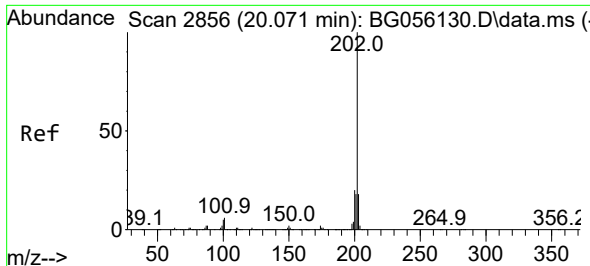
Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

183 11.4 9.4 14.0

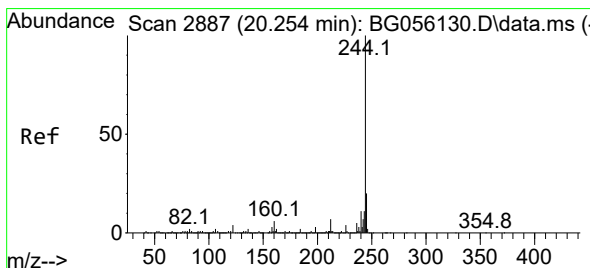
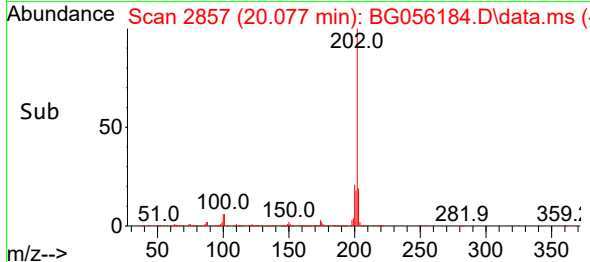
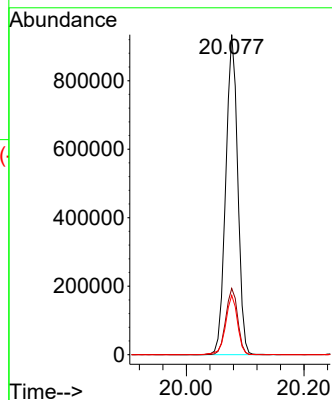
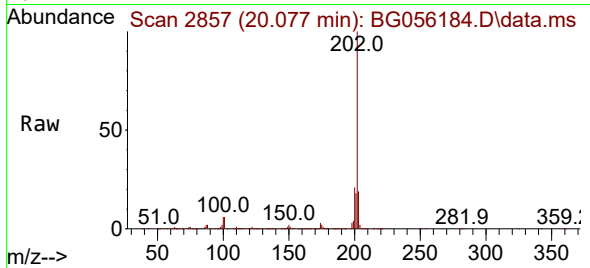




#78
 Pyrene
 Concen: 38.577 ng
 RT: 20.077 min Scan# 2856
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

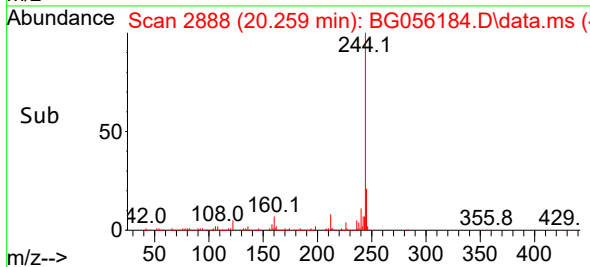
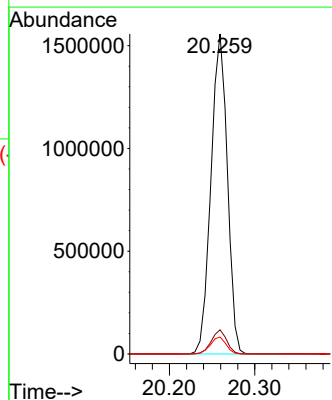
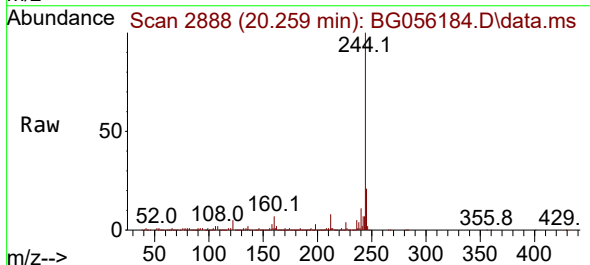
Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

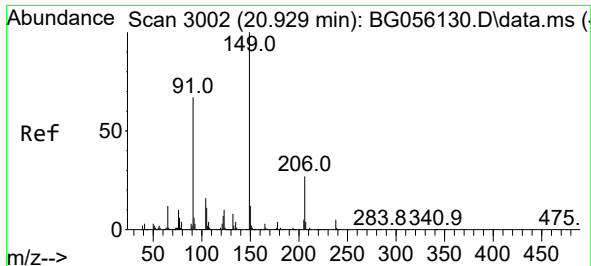
Tgt Ion:202 Resp: 1316096
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.4 24.6
 203 18.6 14.3 21.5



#79
 Terphenyl-d14
 Concen: 76.817 ng
 RT: 20.259 min Scan# 2888
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Tgt Ion:244 Resp: 2075973
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.3 3.5 5.3#

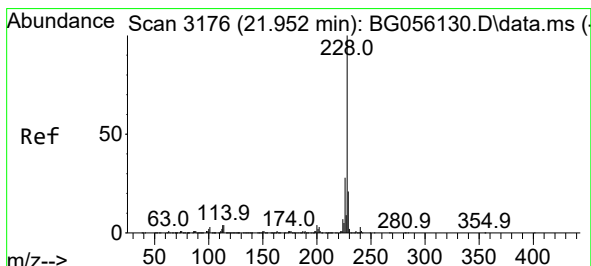
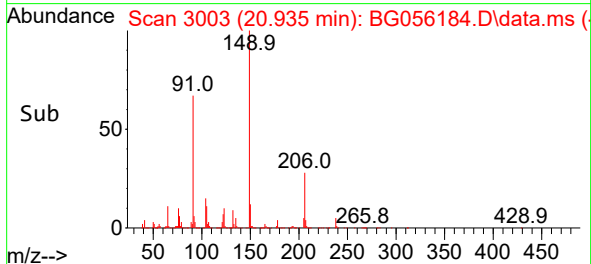
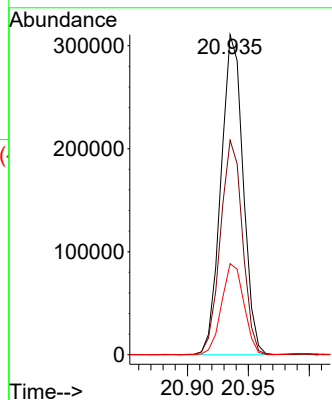
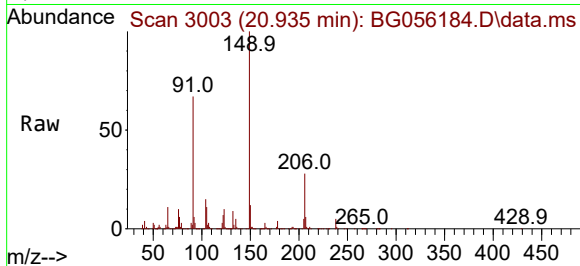




#80
 Butylbenzylphthalate
 Concen: 40.133 ng
 RT: 20.935 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

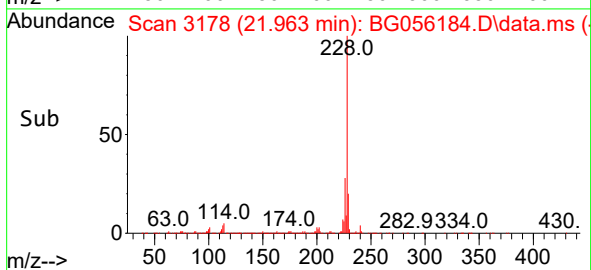
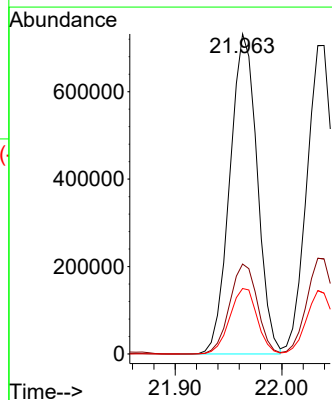
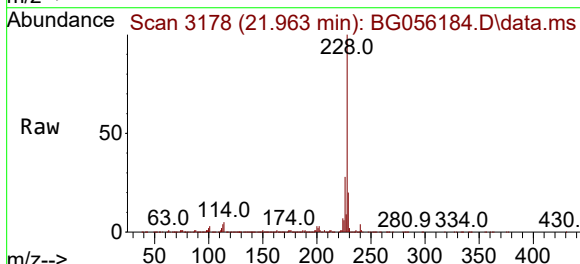
Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

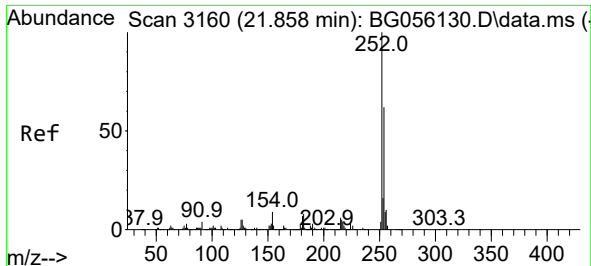
Tgt Ion:149 Resp: 392811
 Ion Ratio Lower Upper
 149 100
 91 67.0 53.5 80.3
 206 28.5 21.9 32.9



#81
 Benzo(a)anthracene
 Concen: 38.465 ng
 RT: 21.963 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Tgt Ion:228 Resp: 1307689
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.6 34.0
 229 20.4 16.9 25.3

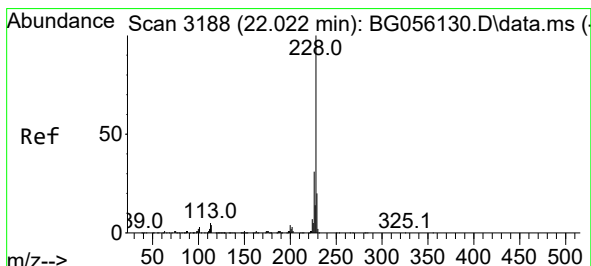
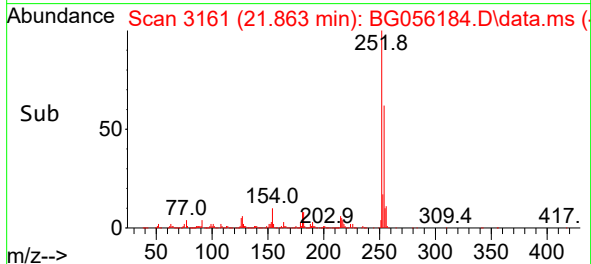
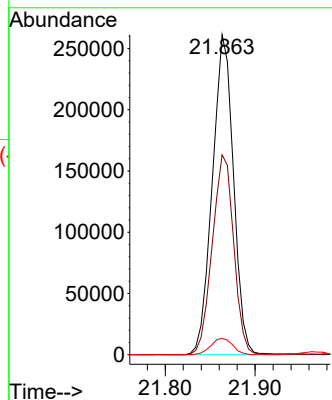
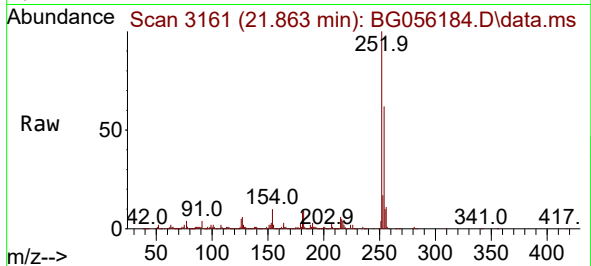




#82
 3,3'-Dichlorobenzidine
 Concen: 34.839 ng
 RT: 21.863 min Scan# 3161
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

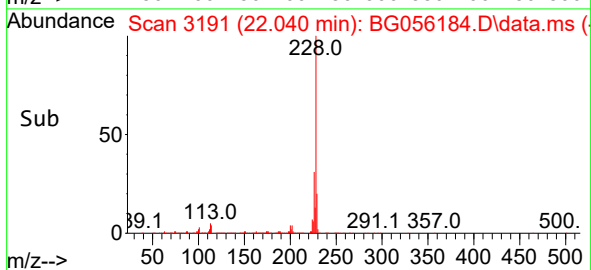
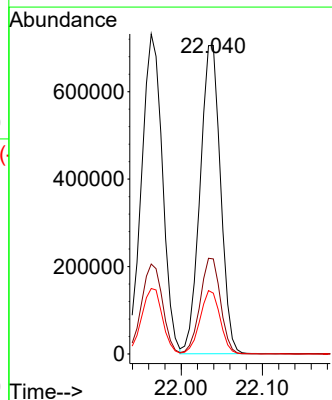
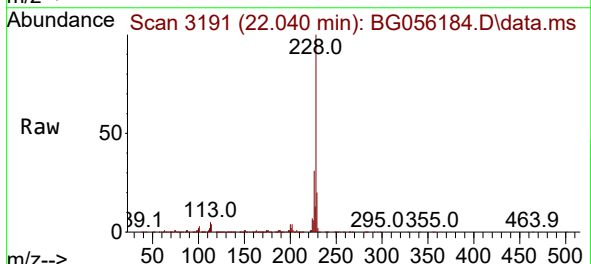
Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

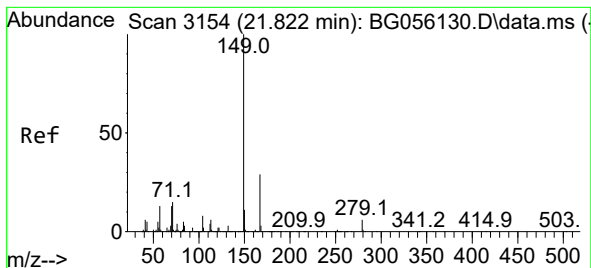
Tgt Ion:252 Resp: 426358
 Ion Ratio Lower Upper
 252 100
 254 62.4 49.5 74.3
 126 5.1 4.0 6.0



#83
 Chrysene
 Concen: 38.726 ng
 RT: 22.040 min Scan# 3191
 Delta R.T. 0.006 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Tgt Ion:228 Resp: 1233207
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 36.8
 229 19.7 15.8 23.6

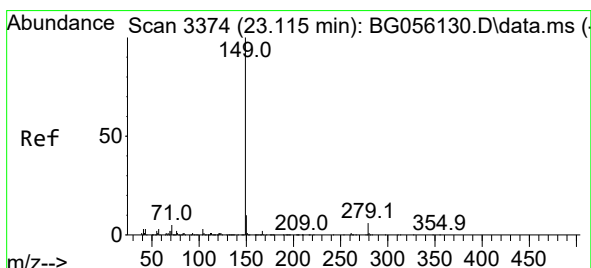
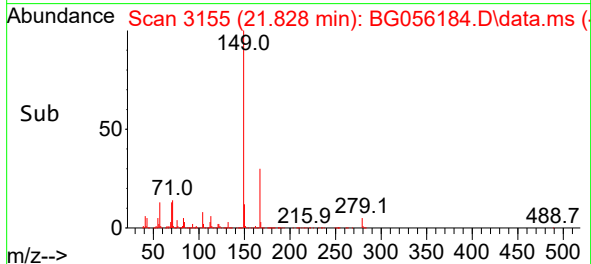
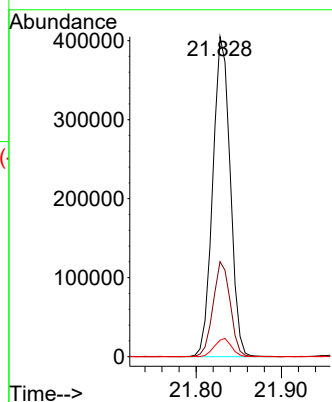
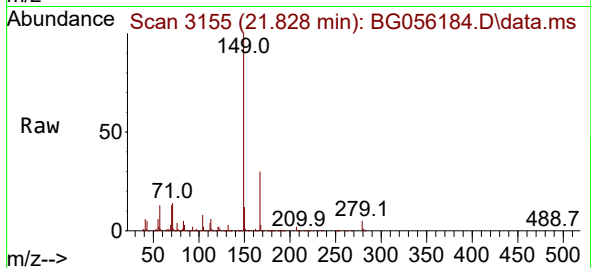




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.766 ng
 RT: 21.828 min Scan# 3154
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

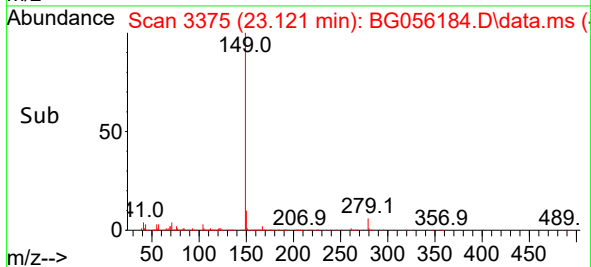
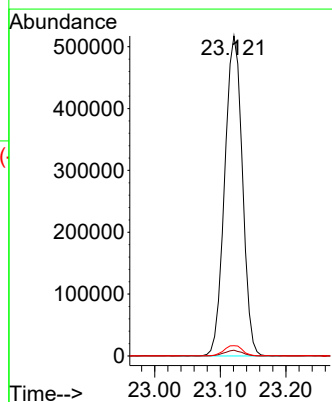
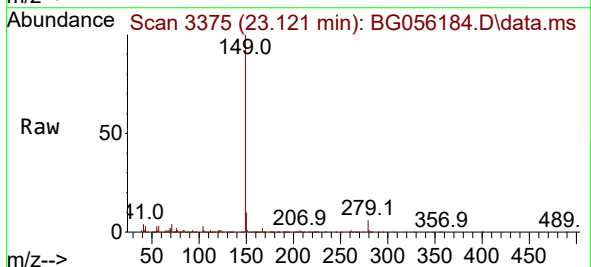
Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS

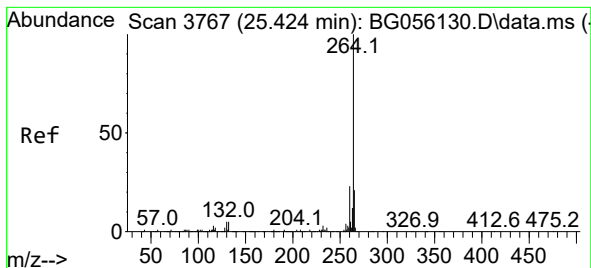
Tgt Ion:149 Resp: 574853
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.4 35.2
 279 5.2 4.7 7.1



#85
 Di-n-octyl phthalate
 Concen: 40.644 ng
 RT: 23.121 min Scan# 3375
 Delta R.T. -0.000 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Tgt Ion:149 Resp: 967548
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 3.4 2.9 4.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.447 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

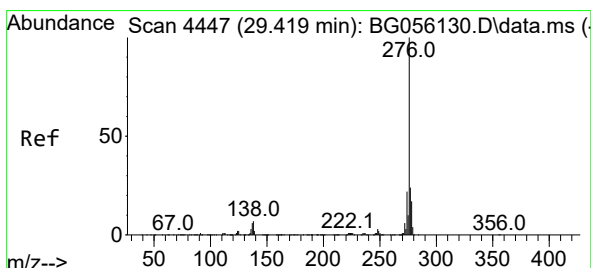
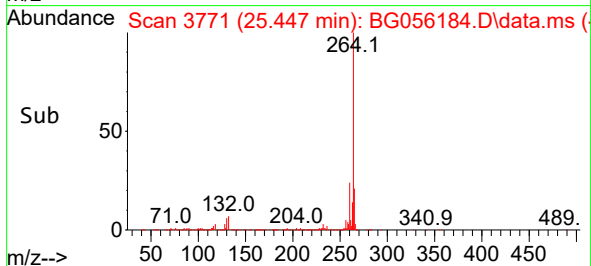
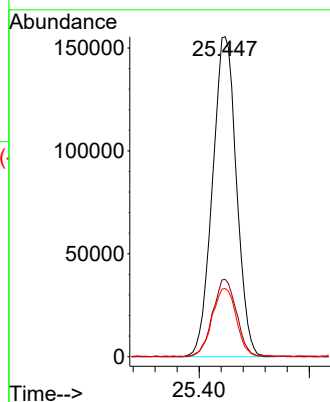
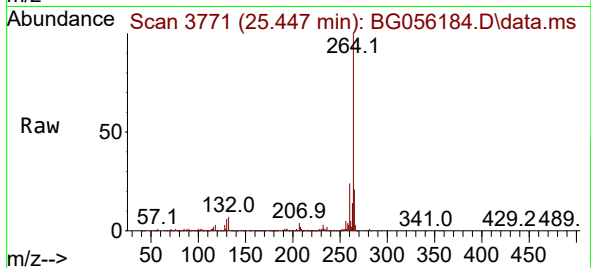
Tgt Ion:264 Resp: 470570

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.3 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 44.158 ng

RT: 29.437 min Scan# 4450

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

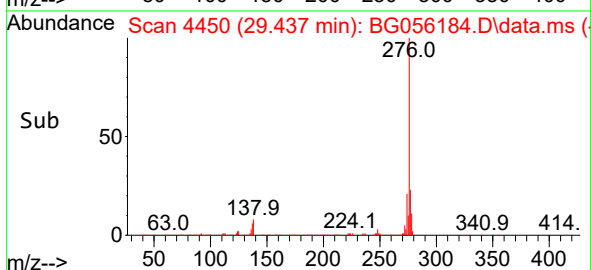
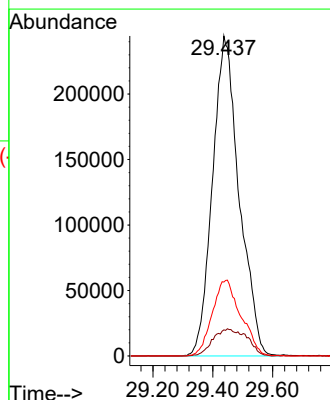
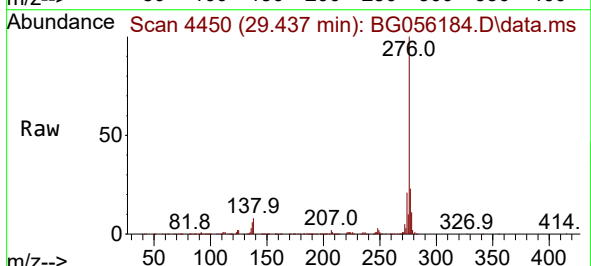
Tgt Ion:276 Resp: 1511206

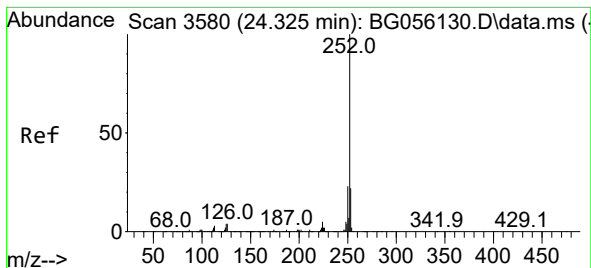
Ion Ratio Lower Upper

276 100

138 10.8 5.0 7.4#

277 25.5 20.5 30.7





#88

Benzo(b)fluoranthene

Concen: 46.882 ng

RT: 24.343 min Scan# 3583

Delta R.T. -0.000 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

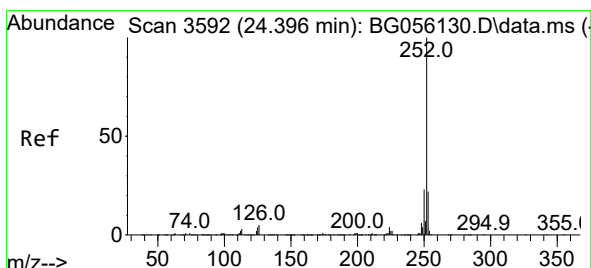
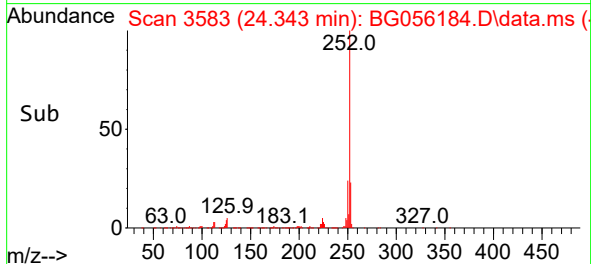
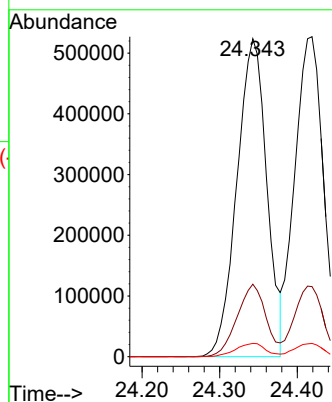
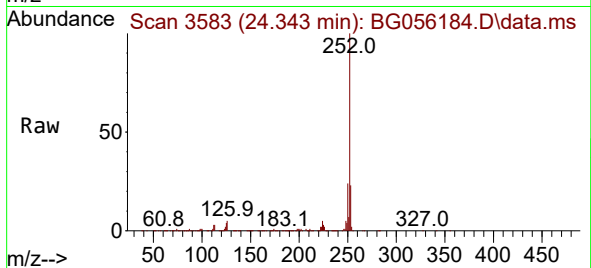
Tgt Ion:252 Resp: 1401695

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 4.2 3.0 4.4



#89

Benzo(k)fluoranthene

Concen: 45.207 ng

RT: 24.419 min Scan# 3596

Delta R.T. 0.006 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

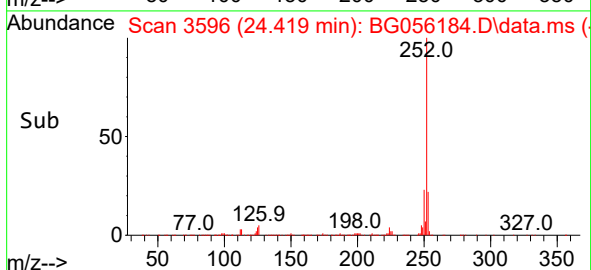
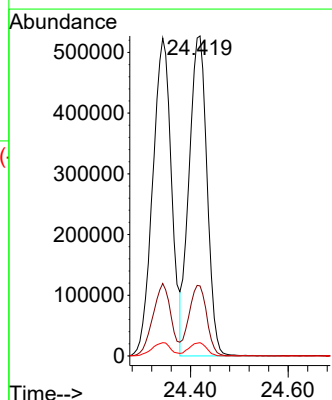
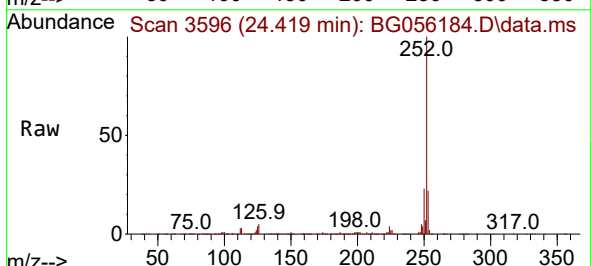
Tgt Ion:252 Resp: 1345922

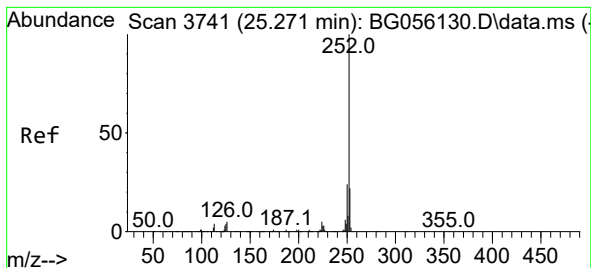
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 4.2 3.4 5.0





#90

Benzo(a)pyrene

Concen: 41.680 ng

RT: 25.289 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB150003BS

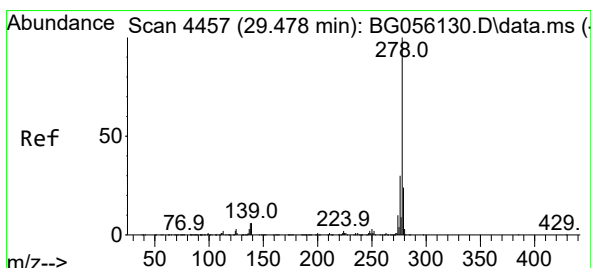
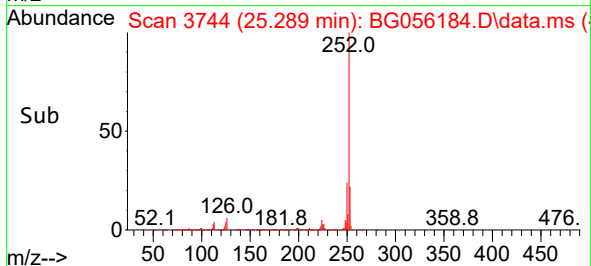
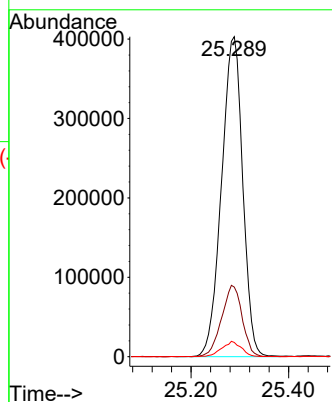
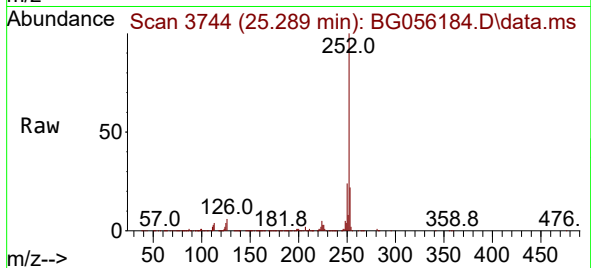
Tgt Ion:252 Resp: 1215451

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.5 3.2 4.8



#91

Dibenzo(a,h)anthracene

Concen: 45.362 ng

RT: 29.507 min Scan# 4462

Delta R.T. 0.006 min

Lab File: BG056184.D

Acq: 3 Jan 2023 13:29

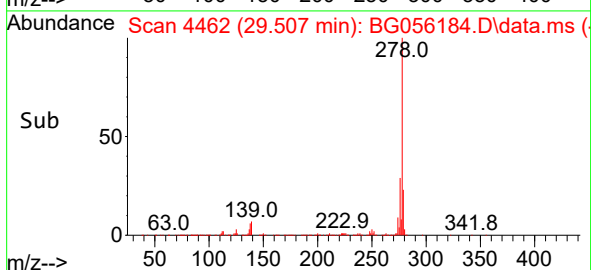
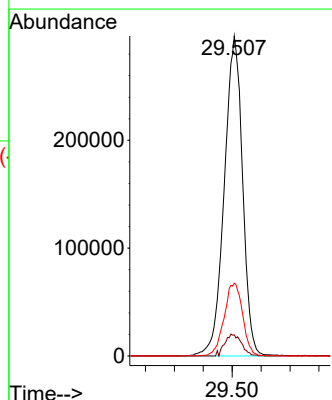
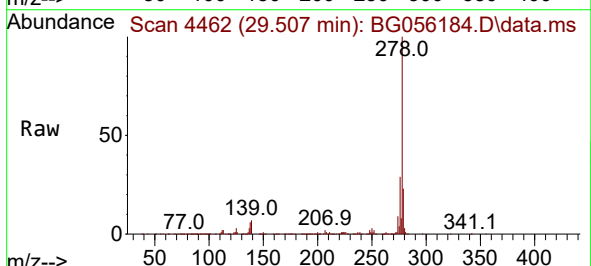
Tgt Ion:278 Resp: 1301539

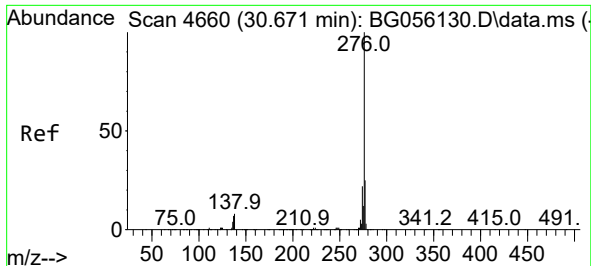
Ion Ratio Lower Upper

278 100

139 6.6 4.8 7.2

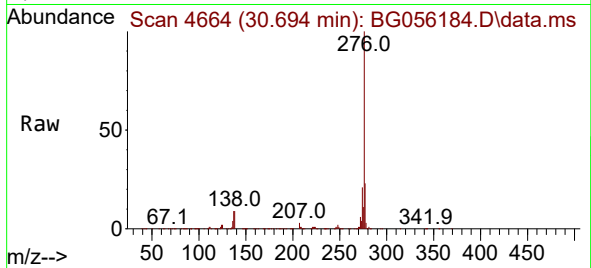
279 22.7 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 45.101 ng
 RT: 30.694 min Scan# 4
 Delta R.T. 0.006 min
 Lab File: BG056184.D
 Acq: 3 Jan 2023 13:29

Instrument :
 BNA_G
 ClientSampleId :
 PB150003BS



Tgt Ion:276 Resp: 1254909

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.7	29.5
138	8.8	6.7	10.1

