

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056439.D
 Acq On : 26 Jan 2023 12:20
 Operator : CG/JU
 Sample : 01260-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS

Quant Time: Jan 27 00:57:19 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 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	36046	20.000	ng	0.00
21) Naphthalene-d8	11.129	136	130472	20.000	ng	0.00
39) Acenaphthene-d10	14.913	164	95321	20.000	ng	0.00
64) Phenanthrene-d10	17.651	188	248187	20.000	ng	0.00
76) Chrysene-d12	21.946	240	261508	20.000	ng	# 0.00
86) Perylene-d12	25.377	264	290111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	298021	147.621	ng	0.01
7) Phenol-d6	7.446	99	378550	122.100	ng	0.01
23) Nitrobenzene-d5	9.473	82	224089	87.854	ng	0.00
42) 2,4,6-Tribromophenol	16.394	330	201387	166.818	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	701880	101.680	ng	0.00
79) Terphenyl-d14	20.225	244	1439613	98.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.632	88	34309	37.207	ng	# 75
3) Pyridine	4.061	79	48080	17.119	ng	94
4) n-Nitrosodimethylamine	3.955	42	22794	39.898	ng	# 92
6) Aniline	7.610	93	60610	14.907	ng	95
8) 2-Chlorophenol	7.857	128	110878	55.192	ng	94
9) Benzaldehyde	7.422	77	46267	25.098	ng	92
10) Phenol	7.475	94	134913	42.909	ng	92
11) bis(2-Chloroethyl)ether	7.698	93	96751	45.408	ng	97
12) 1,3-Dichlorobenzene	8.333	146	118176	48.334	ng	96
13) 1,4-Dichlorobenzene	8.333	146	118176	48.132	ng	99
14) 1,2-Dichlorobenzene	8.656	146	116936	49.360	ng	98
15) Benzyl Alcohol	8.538	79	93676	41.516	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.820	45	20887	55.473	ng	# 77
17) 2-Methylphenol	8.738	107	105153	45.578	ng	96
18) Hexachloroethane	9.396	117	35724	47.896	ng	94
19) n-Nitroso-di-n-propyla...	9.097	70	73451	38.960	ng	# 94
20) 3+4-Methylphenols	9.061	107	143062	44.105	ng	95
22) Acetophenone	9.126	105	172518	46.764	ng	# 98
24) Nitrobenzene	9.514	77	109199	43.200	ng	92
25) Isophorone	10.037	82	224219	41.780	ng	# 93
26) 2-Nitrophenol	10.230	139	66455	51.383	ng	97
27) 2,4-Dimethylphenol	10.277	122	117623	49.863	ng	98
28) bis(2-Chloroethoxy)met...	10.512	93	130469	46.775	ng	97
29) 2,4-Dichlorophenol	10.771	162	137313	52.652	ng	97
30) 1,2,4-Trichlorobenzene	10.988	180	140862	47.597	ng	99
31) Naphthalene	11.182	128	332488	48.421	ng	100
32) Benzoic acid	10.401	122	13128	7.501	ng	97
33) 4-Chloroaniline	11.282	127	51385	15.674	ng	95
34) Hexachlorobutadiene	11.453	225	96213	45.202	ng	97
35) Caprolactam	12.070	113	22229	25.176	ng	88
36) 4-Chloro-3-methylphenol	12.387	107	125641	47.478	ng	96
37) 2-Methylnaphthalene	12.763	142	256169	44.183	ng	99
38) 1-Methylnaphthalene	12.980	142	235502	43.741	ng	100
40) 1,2,4,5-Tetrachloroben...	13.121	216	182680	51.134	ng	99
41) Hexachlorocyclopentadiene	13.098	237	203153	99.740	ng	96
43) 2,4,6-Trichlorophenol	13.356	196	130656	55.307	ng	99

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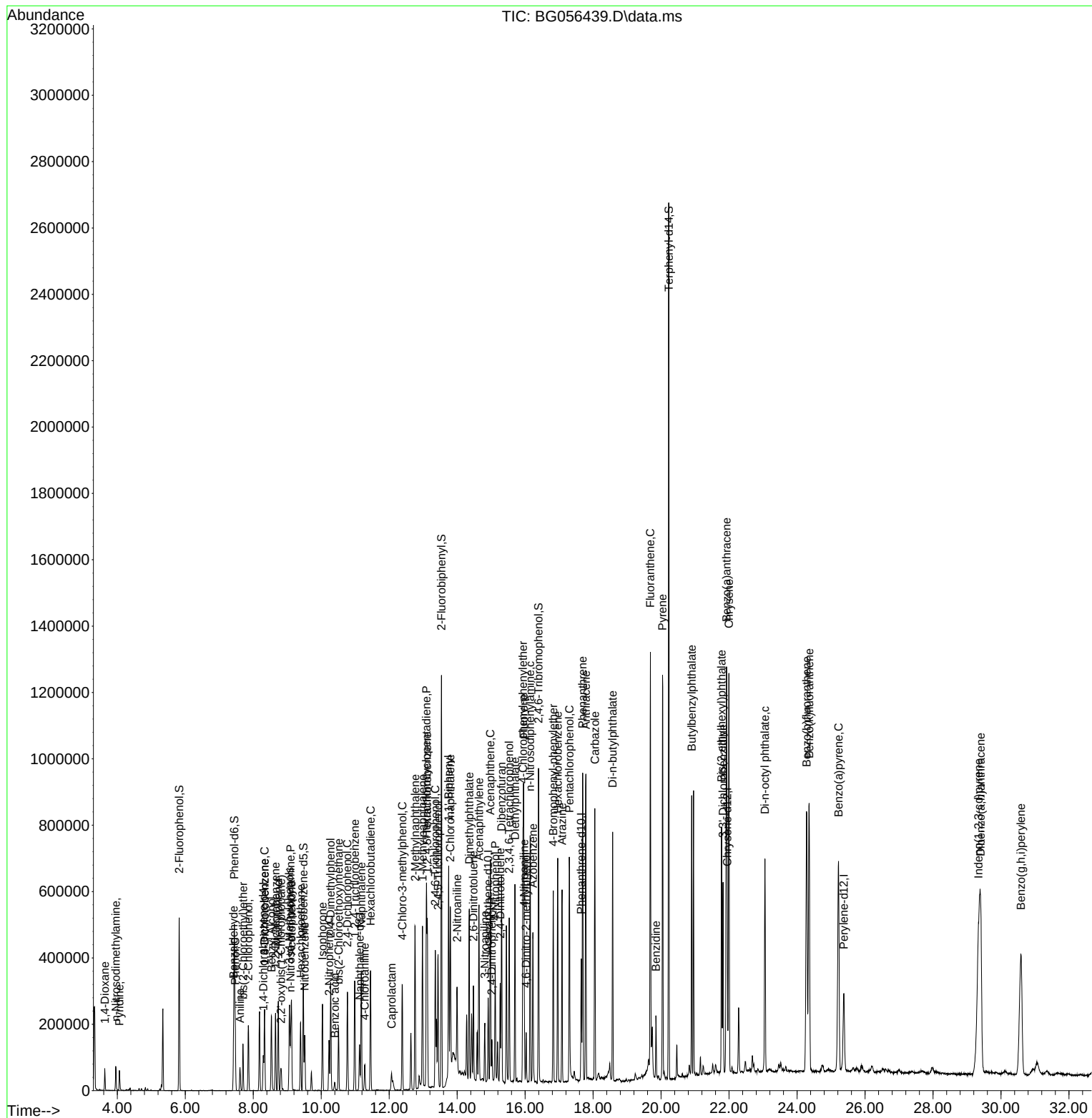
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.438	196	143257	51.264	ng	99
46) 1,1'-Biphenyl	13.750	154	363257	53.212	ng	99
47) 2-Chloronaphthalene	13.797	162	285000	52.892	ng	98
48) 2-Nitroaniline	13.997	65	61479	53.551	ng	96
49) Acenaphthylene	14.643	152	434295	49.529	ng	99
50) Dimethylphthalate	14.355	163	383238	49.804	ng	98
51) 2,6-Dinitrotoluene	14.478	165	84304	51.416	ng	93
52) Acenaphthene	14.978	154	260868	45.742	ng	99
53) 3-Nitroaniline	14.813	138	59050	37.841	ng	91
54) 2,4-Dinitrophenol	15.019	184	47129	40.235	ng #	92
55) Dibenzofuran	15.307	168	464265	49.194	ng	97
56) 4-Nitrophenol	15.119	139	118904	99.075	ng	87
57) 2,4-Dinitrotoluene	15.266	165	120595	52.591	ng	89
58) Fluorene	15.953	166	381321	50.236	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.530	232	135653	51.699	ng #	94
60) Diethylphthalate	15.701	149	359833	49.864	ng	99
61) 4-Chlorophenyl-phenyle...	15.936	204	229055	48.354	ng	99
62) 4-Nitroaniline	15.971	138	81929	51.255	ng	94
63) Azobenzene	16.229	77	276934	49.730	ng	98
65) 4,6-Dinitro-2-methylph...	16.030	198	56660	33.885	ng	96
66) n-Nitrosodiphenylamine	16.147	169	349108	50.698	ng	97
67) 4-Bromophenyl-phenylether	16.829	248	160672	50.839	ng	99
68) Hexachlorobenzene	16.958	284	160020	54.270	ng	97
69) Atrazine	17.087	200	153516	53.793	ng	96
70) Pentachlorophenol	17.299	266	170195	75.141	ng	96
71) Phenanthrene	17.692	178	660041	51.318	ng	98
72) Anthracene	17.786	178	673502	50.762	ng	100
73) Carbazole	18.051	167	589597	52.867	ng	99
74) Di-n-butylphthalate	18.574	149	610851	54.945	ng	99
75) Fluoranthene	19.684	202	823118	49.062	ng	98
77) Benzidine	19.849	184	122323	13.348	ng	98
78) Pyrene	20.043	202	864670	46.911	ng	99
80) Butylbenzylphthalate	20.900	149	270261	51.108	ng	97
81) Benzo(a)anthracene	21.923	228	906471	49.352	ng	99
82) 3,3'-Dichlorobenzidine	21.823	252	246568	37.291	ng	100
83) Chrysene	21.993	228	843850	49.047	ng	99
84) Bis(2-ethylhexyl)phtha...	21.782	149	396102	51.992	ng	99
85) Di-n-octyl phthalate	23.057	149	679640	52.843	ng	100
87) Indeno(1,2,3-cd)pyrene	29.337	276	1073971	50.902	ng	99
88) Benzo(b)fluoranthene	24.279	252	935131	50.732	ng	100
89) Benzo(k)fluoranthene	24.355	252	928475	50.584	ng	99
90) Benzo(a)pyrene	25.219	252	828109	46.062	ng #	98
91) Dibenzo(a,h)anthracene	29.402	278	906004	51.218	ng	98
92) Benzo(g,h,i)perylene	30.583	276	879118	51.249	ng	99

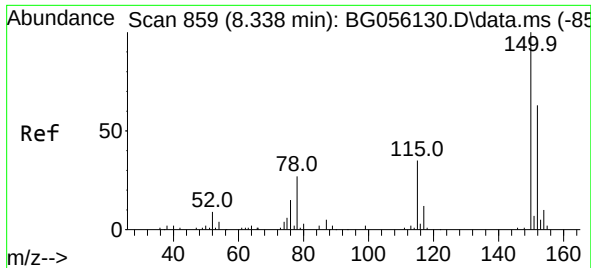
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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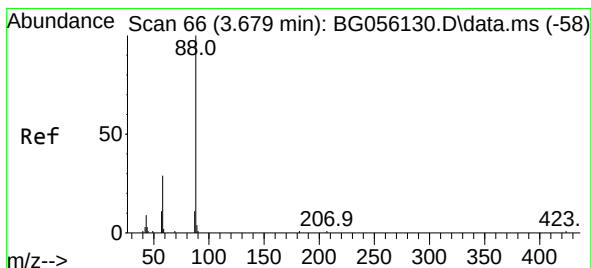
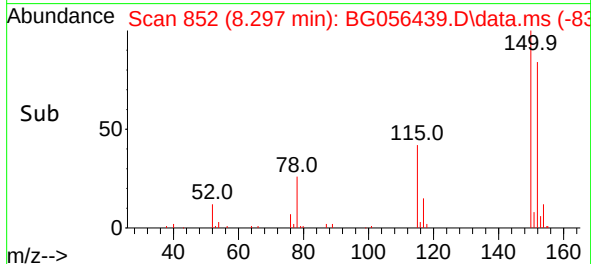
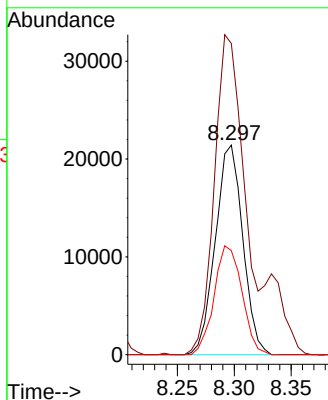
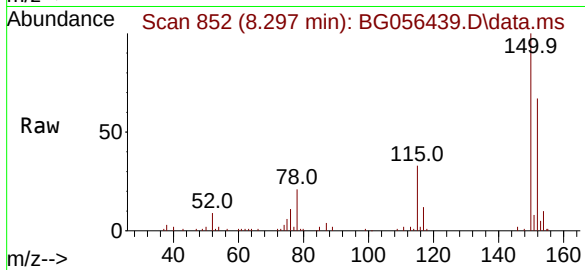




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.297 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG056439.D
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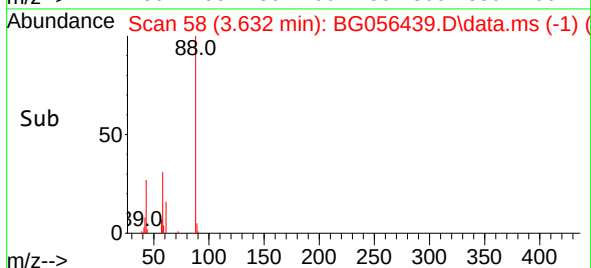
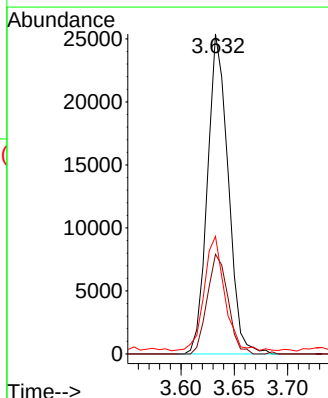
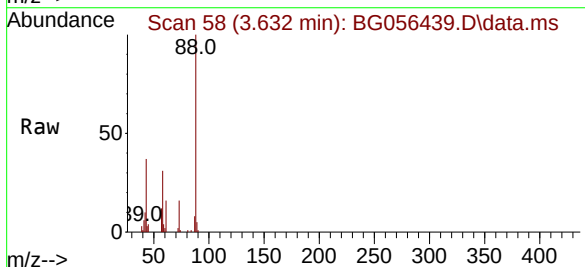
Instrument :
 BNA_G
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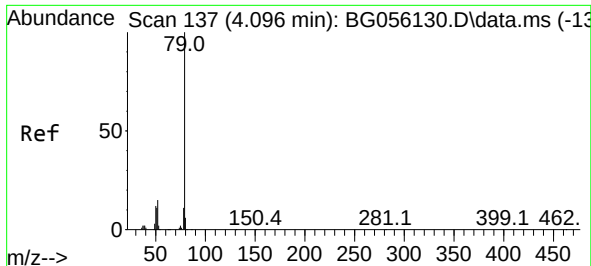
Tgt Ion:152 Resp: 36046
 Ion Ratio Lower Upper
 152 100
 150 148.5 127.9 191.9
 115 49.6 44.2 66.2



#2
 1,4-Dioxane
 Concen: 37.207 ng
 RT: 3.632 min Scan# 58
 Delta R.T. 0.016 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

Tgt Ion: 88 Resp: 34309
 Ion Ratio Lower Upper
 88 100
 58 31.0 21.4 32.0
 43 35.5 7.1 10.7#





#3

Pyridine

Concen: 17.119 ng

RT: 4.061 min Scan# 113

Delta R.T. 0.022 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

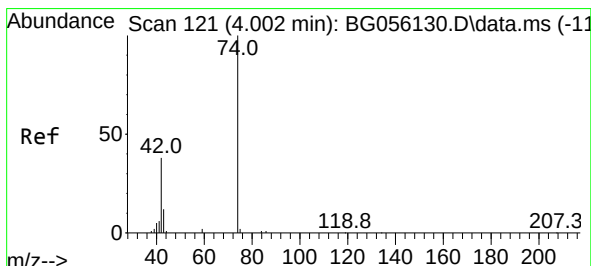
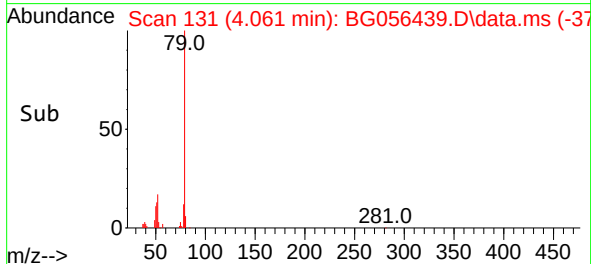
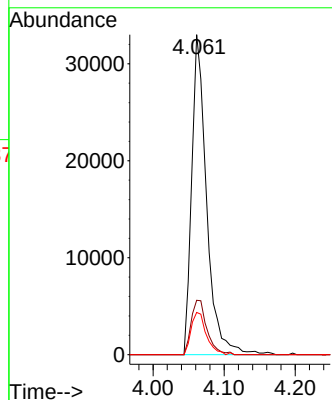
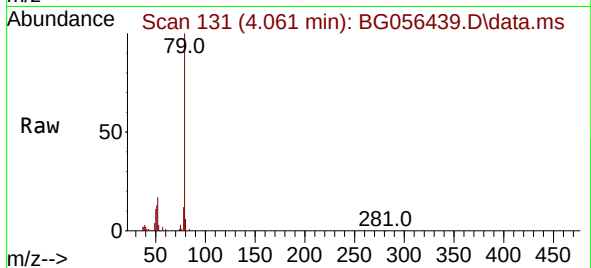
Tgt Ion: 79 Resp: 48080

Ion Ratio Lower Upper

79 100

52 17.0 11.8 17.6

51 13.2 8.8 13.2



#4

n-Nitrosodimethylamine

Concen: 39.898 ng

RT: 3.955 min Scan# 113

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

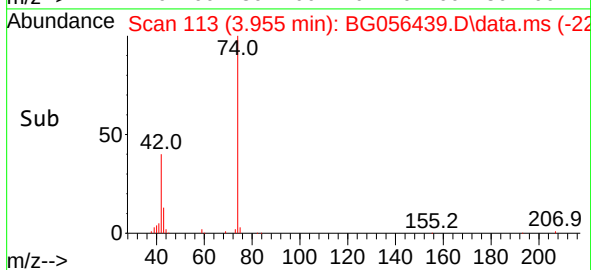
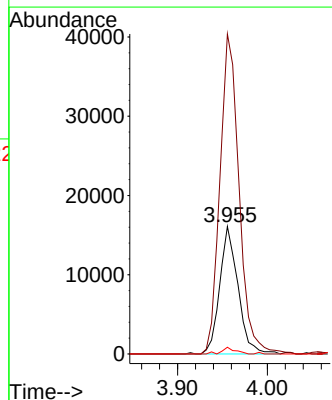
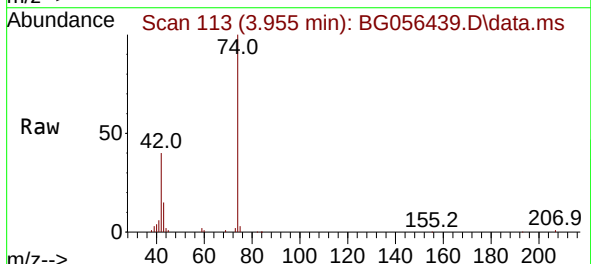
Tgt Ion: 42 Resp: 22794

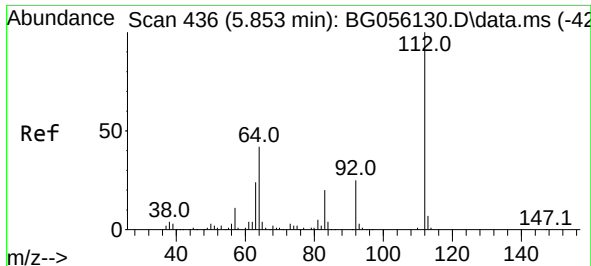
Ion Ratio Lower Upper

42 100

74 251.1 212.6 319.0

44 5.3 2.6 3.8

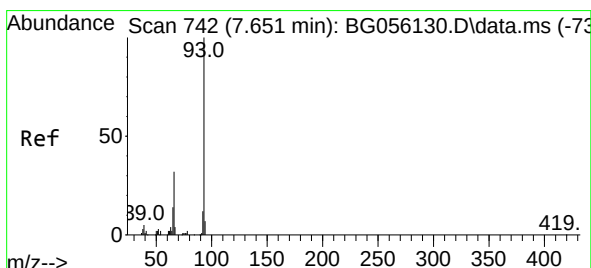
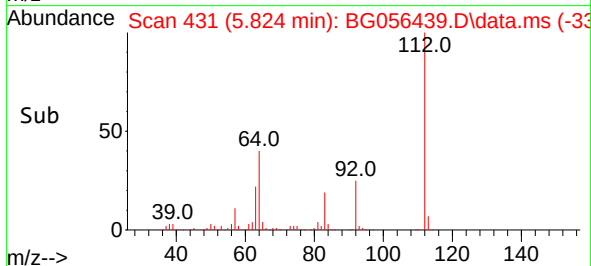
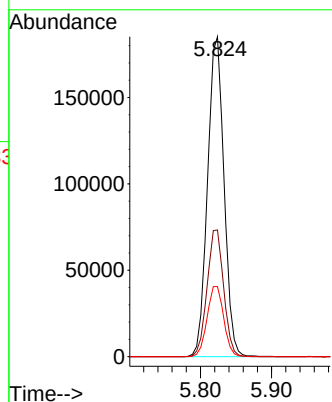
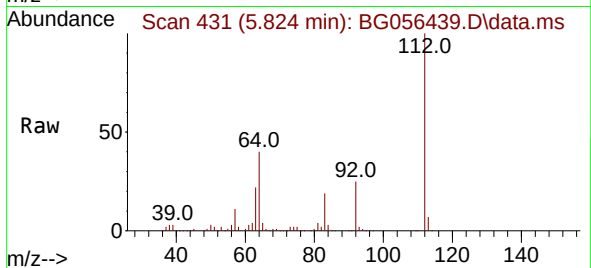




#5
2-Fluorophenol
Concen: 147.621 ng
RT: 5.824 min Scan# 411
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

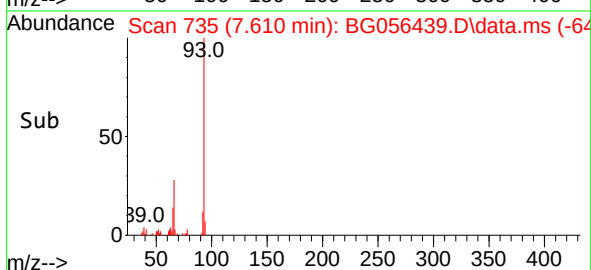
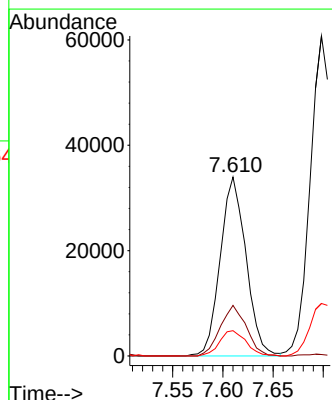
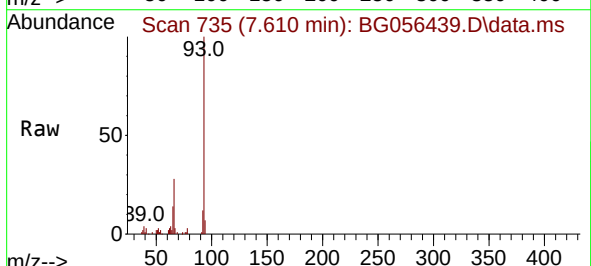
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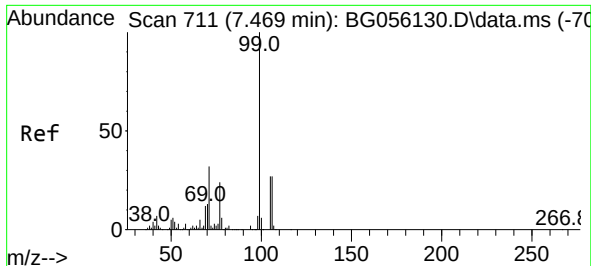
Tgt Ion:112 Resp: 298021
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 21.9 19.0 28.4



#6
Aniline
Concen: 14.907 ng
RT: 7.610 min Scan# 735
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 93 Resp: 60610
Ion Ratio Lower Upper
93 100
66 28.2 25.4 38.2
65 14.1 11.4 17.2

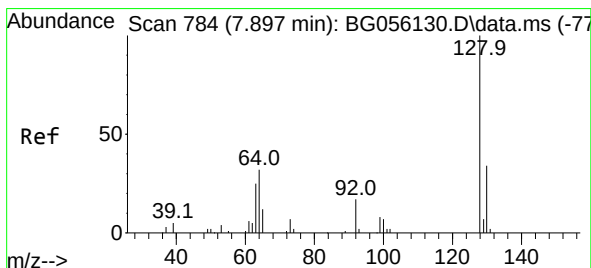
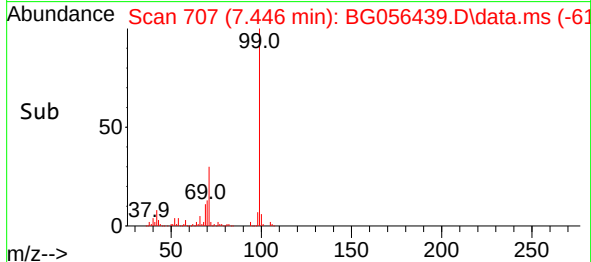
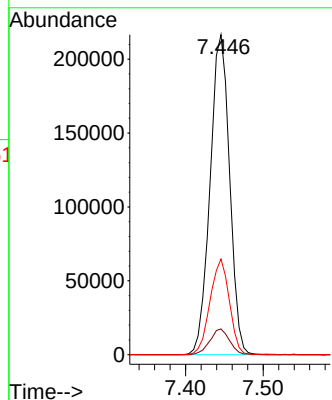
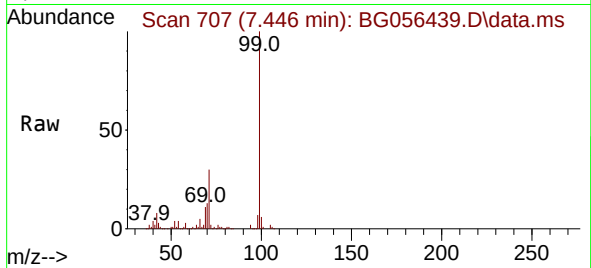




#7
Phenol-d6
Concen: 122.100 ng
RT: 7.446 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

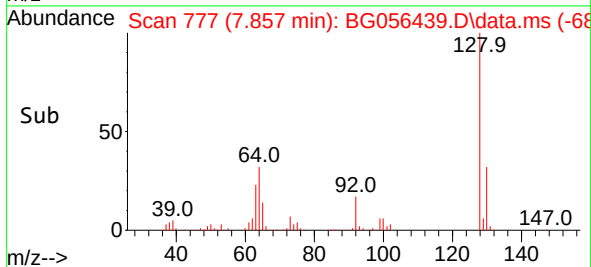
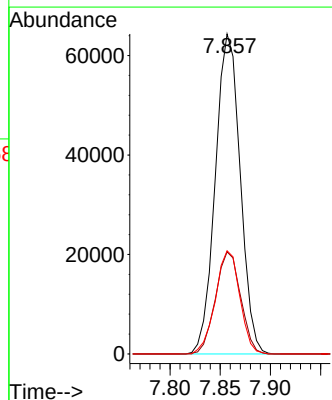
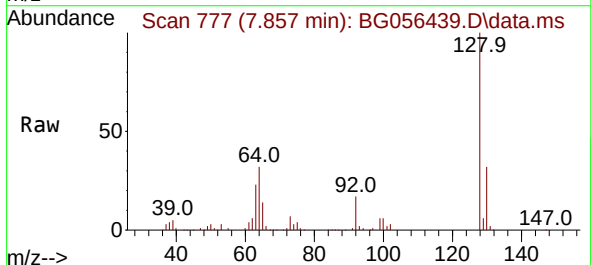
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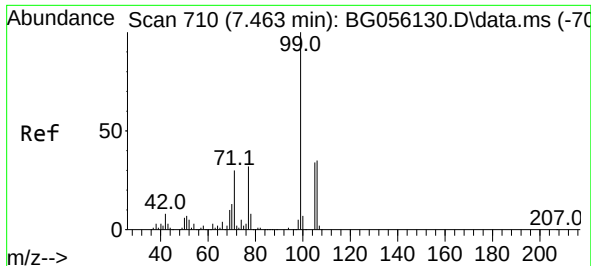
Tgt Ion: 99 Resp: 378550
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 29.9 25.4 38.2



#8
2-Chlorophenol
Concen: 55.192 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 128 Resp: 110878
Ion Ratio Lower Upper
128 100
130 31.9 13.5 53.5
64 32.3 18.0 58.0

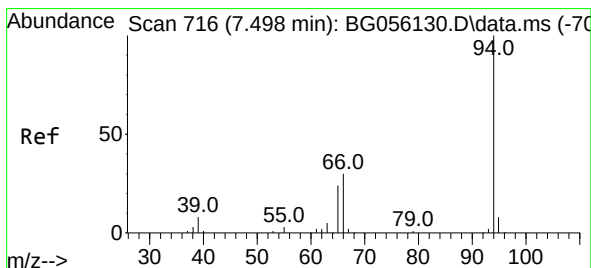
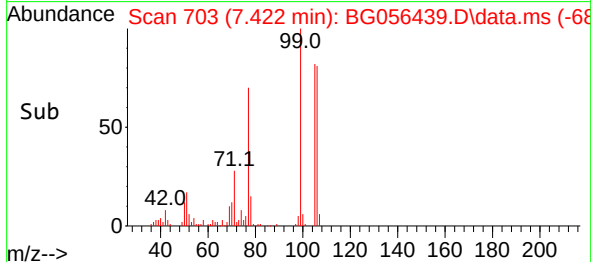
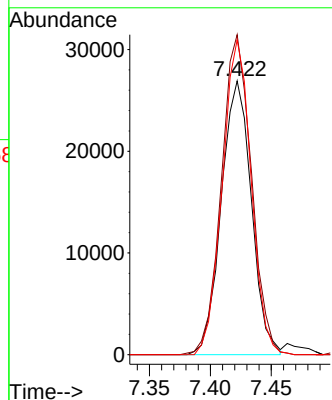
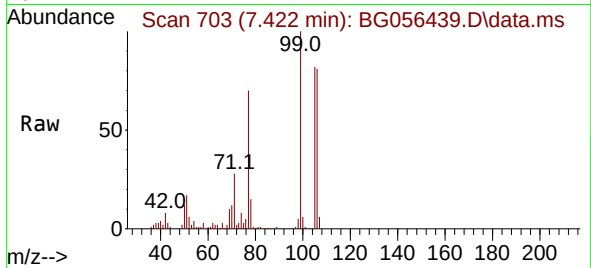




#9
Benzaldehyde
Concen: 25.098 ng
RT: 7.422 min Scan# 710
Delta R.T. 0.004 min
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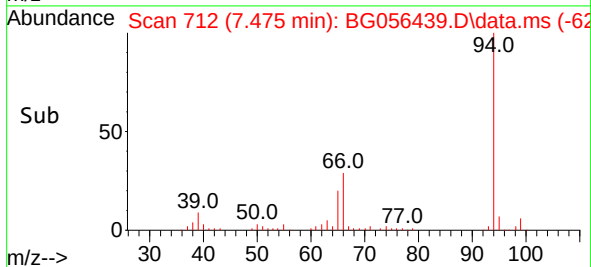
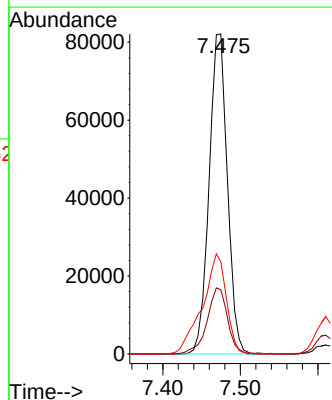
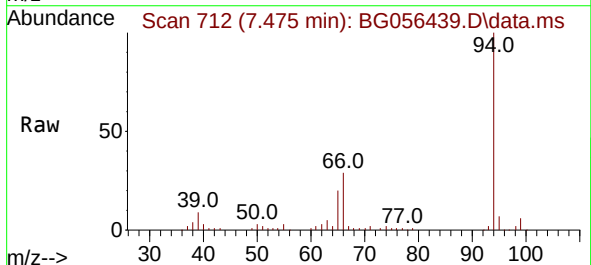
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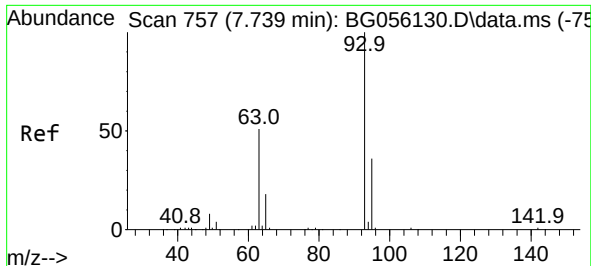
Tgt Ion: 77 Resp: 46267
Ion Ratio Lower Upper
77 100
105 116.9 86.8 126.8
106 115.1 89.3 129.3



#10
Phenol
Concen: 42.909 ng
RT: 7.475 min Scan# 712
Delta R.T. 0.010 min
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Tgt Ion: 94 Resp: 134913
Ion Ratio Lower Upper
94 100
65 20.1 4.3 44.3
66 28.8 13.2 53.2

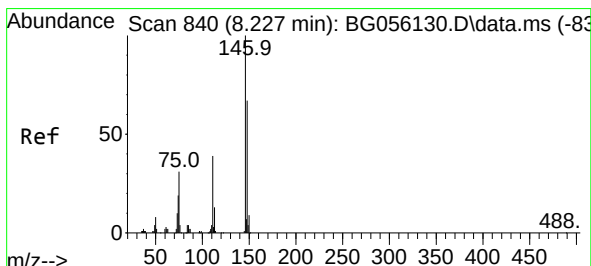
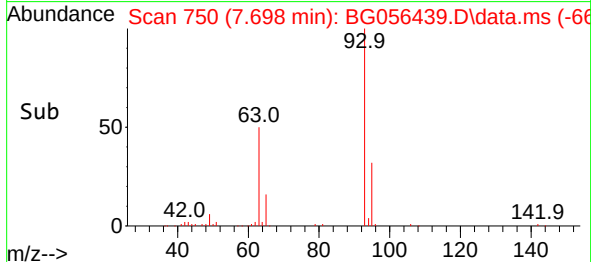
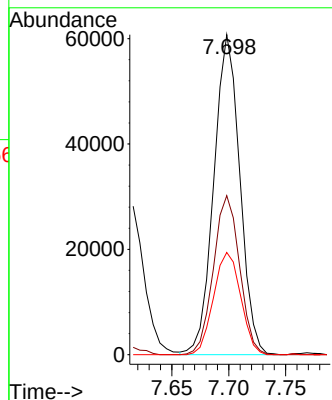
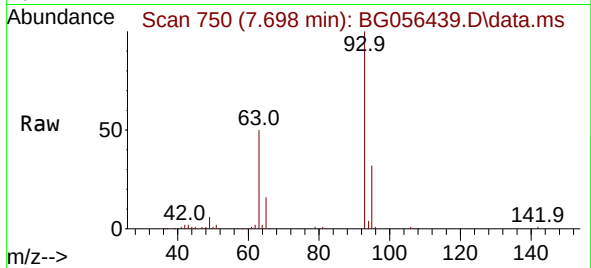




#11
bis(2-Chloroethyl)ether
Concen: 45.408 ng
RT: 7.698 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

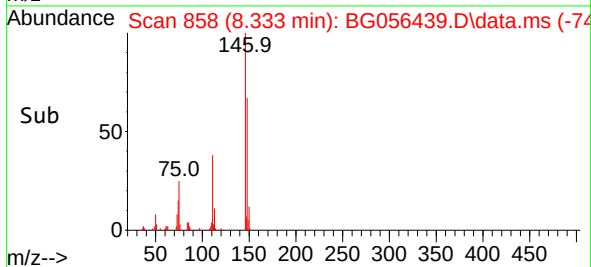
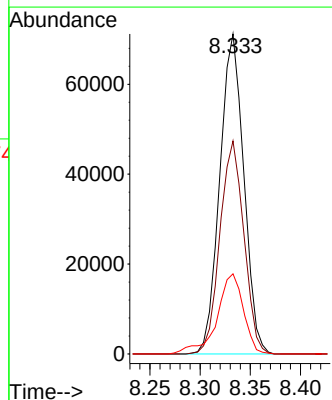
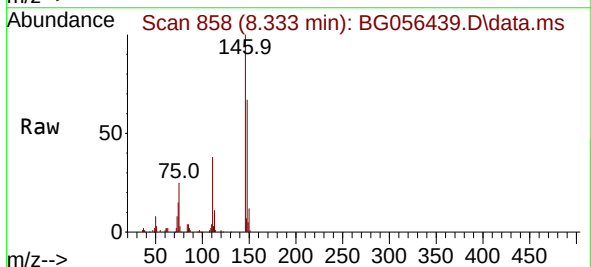
Instrument :
BNA_G
ClientSampleId :
TP-21MS

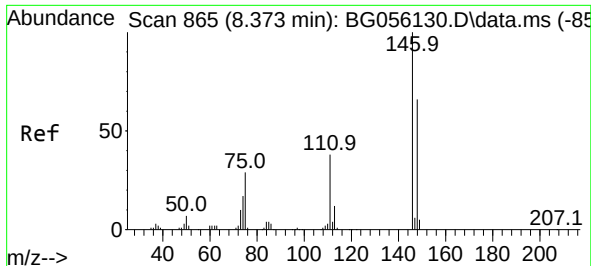
Tgt Ion: 93 Resp: 96751
Ion Ratio Lower Upper
93 100
63 49.7 30.5 70.5
95 31.9 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 48.334 ng
RT: 8.333 min Scan# 858
Delta R.T. 0.151 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 146 Resp: 118176
Ion Ratio Lower Upper
146 100
148 66.6 53.5 80.3
75 25.0 24.8 37.2

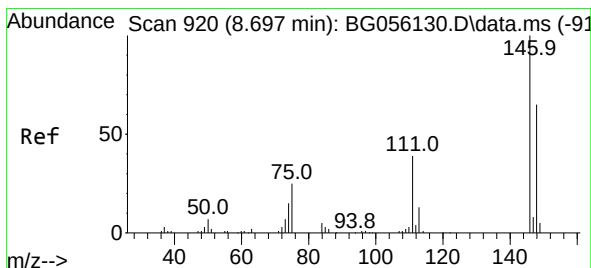
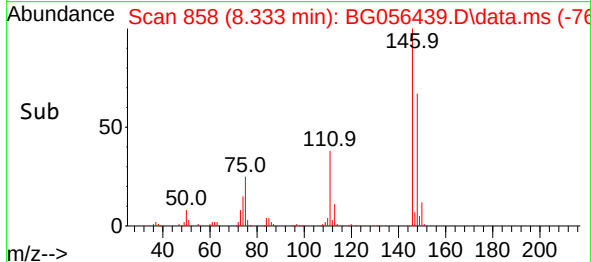
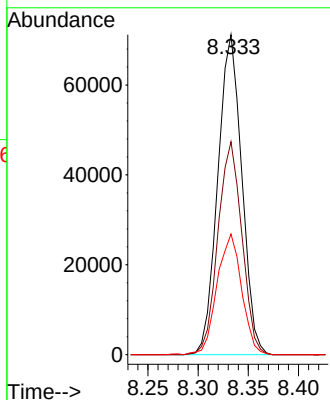
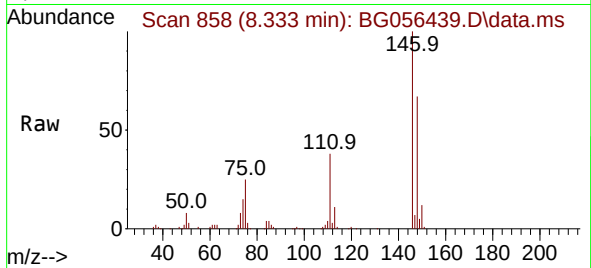




#13
1,4-Dichlorobenzene
Concen: 48.132 ng
RT: 8.333 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

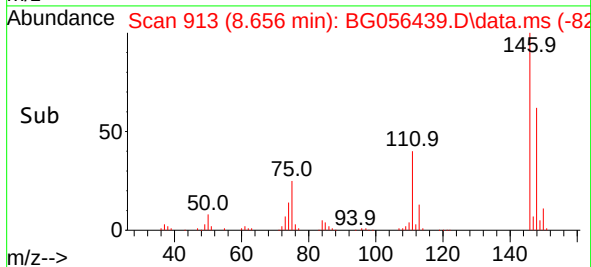
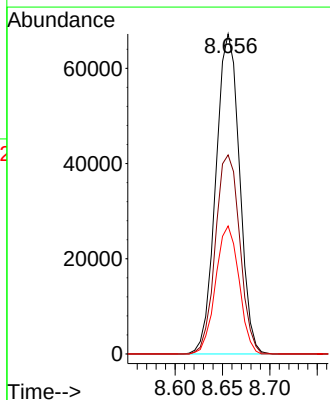
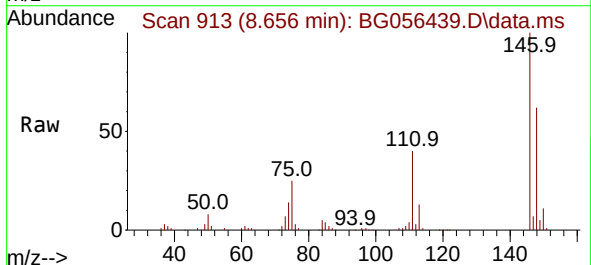
Instrument :
BNA_G
ClientSampleId :
TP-21MS

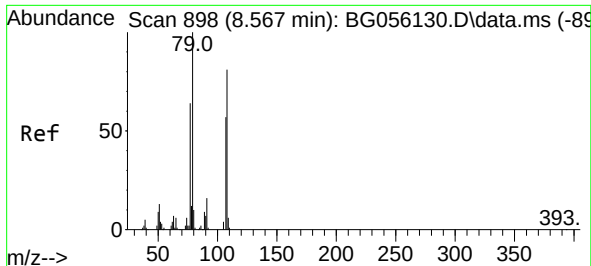
Tgt Ion:146 Resp: 118176
Ion Ratio Lower Upper
146 100
148 66.6 52.8 79.2
111 37.7 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 49.360 ng
RT: 8.656 min Scan# 913
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:146 Resp: 116936
Ion Ratio Lower Upper
146 100
148 62.2 51.7 77.5
111 40.0 31.5 47.3

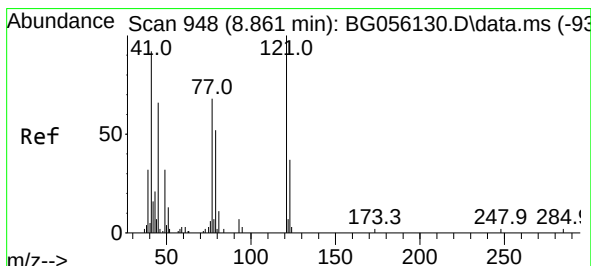
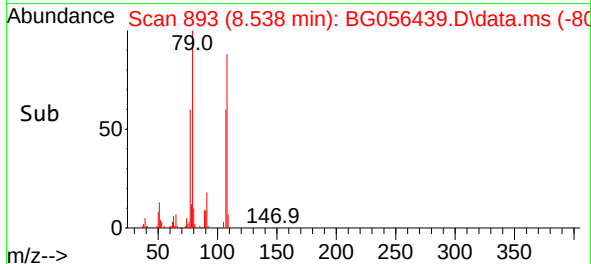
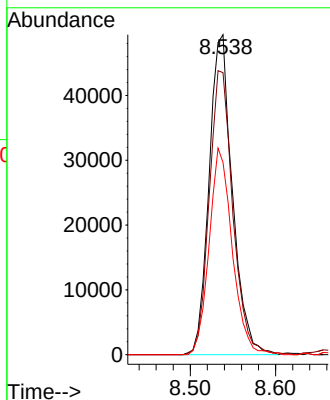
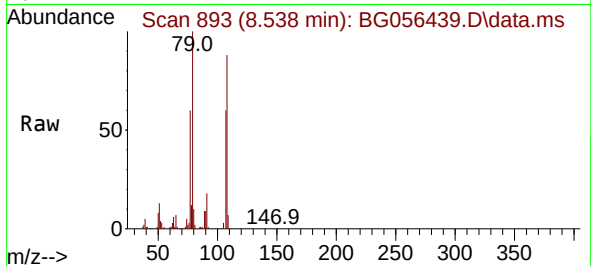




#15
Benzyl Alcohol
Concen: 41.516 ng
RT: 8.538 min Scan# 898
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

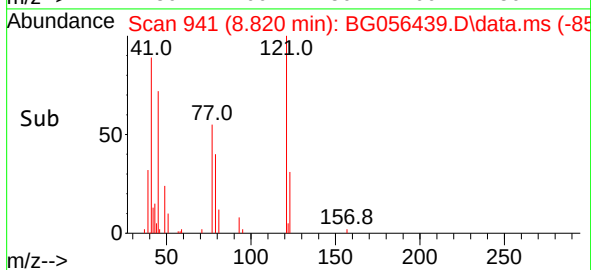
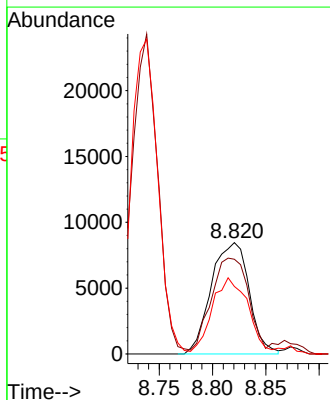
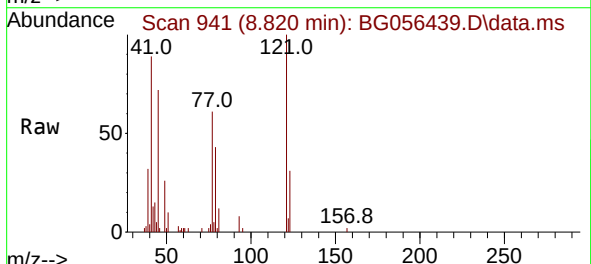
Instrument :
BNA_G
ClientSampleId :
TP-21MS

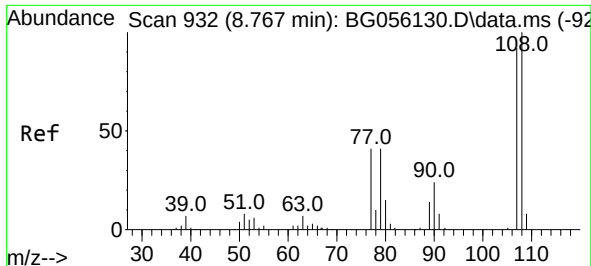
Tgt Ion: 79 Resp: 93676
Ion Ratio Lower Upper
79 100
108 88.1 64.7 97.1
77 60.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.473 ng
RT: 8.820 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 45 Resp: 20887
Ion Ratio Lower Upper
45 100
77 85.0 88.2 128.2#
79 60.6 61.2 101.2#

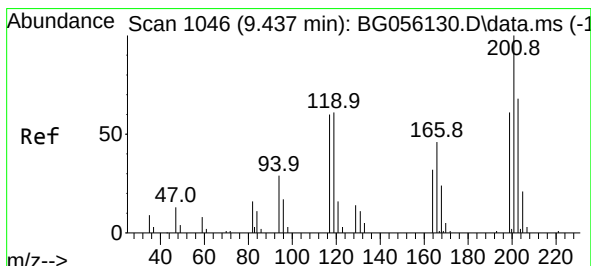
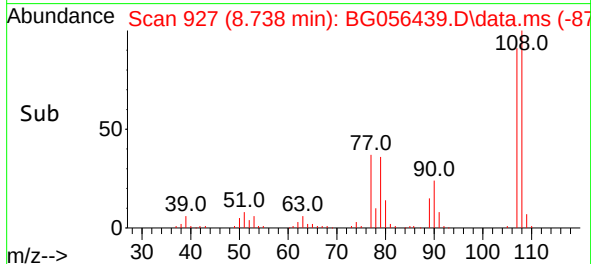
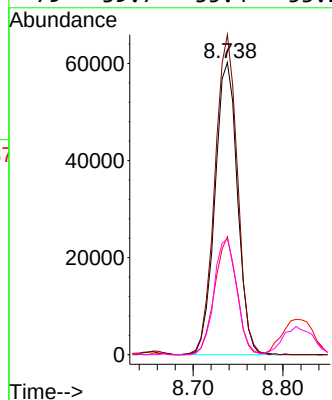
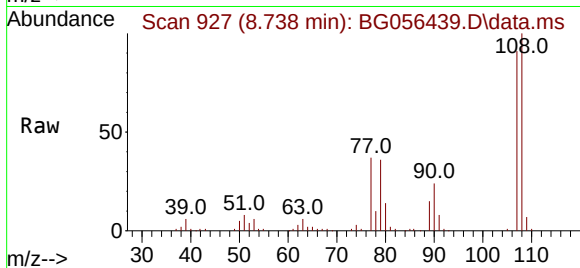




#17
2-Methylphenol
Concen: 45.578 ng
RT: 8.738 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

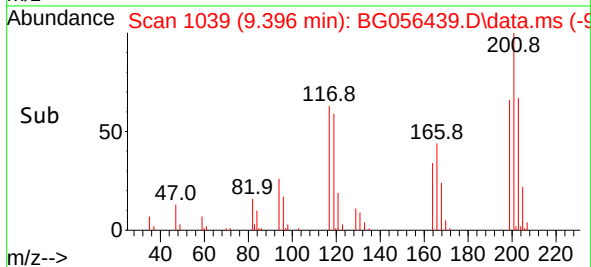
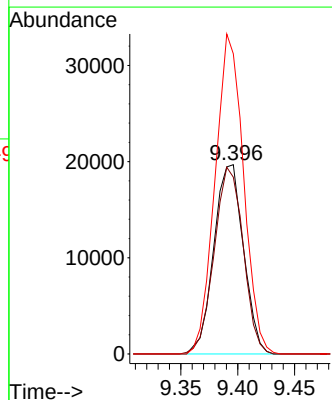
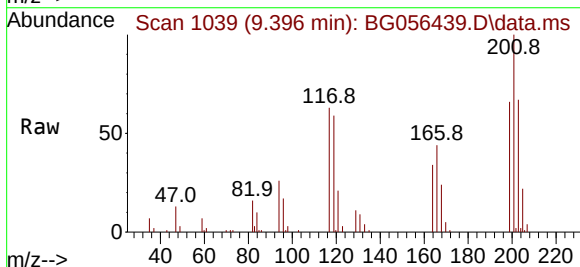
Instrument :
BNA_G
ClientSampleId :
TP-21MS

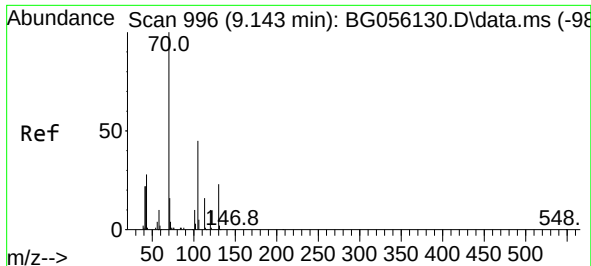
Tgt Ion:	107	Resp:	105153
Ion	Ratio	Lower	Upper
107	100		
108	109.5	86.6	129.8
77	40.4	35.4	53.2
79	39.7	35.4	53.2



#18
Hexachloroethane
Concen: 47.896 ng
RT: 9.396 min Scan# 1039
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:	117	Resp:	35724
Ion	Ratio	Lower	Upper
117	100		
119	93.3	81.8	122.6
201	162.0	134.2	201.2

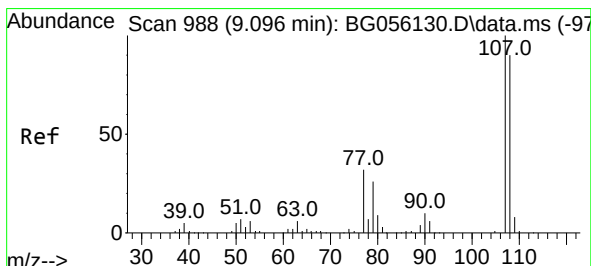
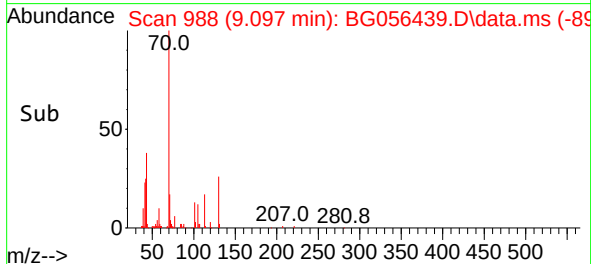
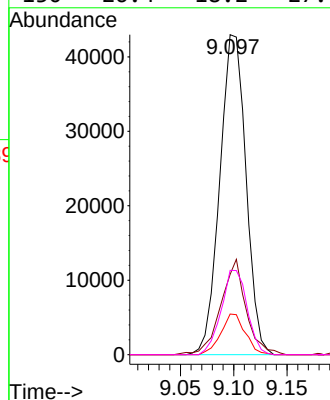
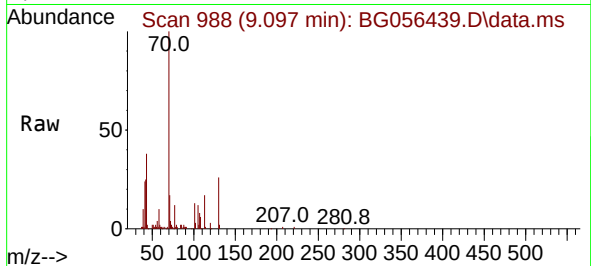




#19
n-Nitroso-di-n-propylamine
Concen: 38.960 ng
RT: 9.097 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

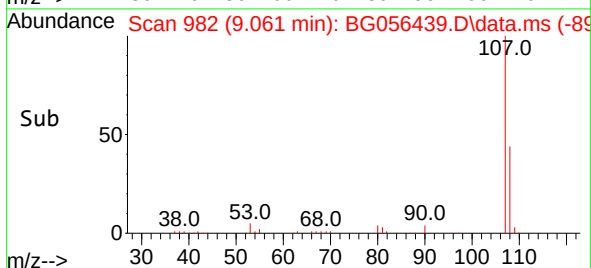
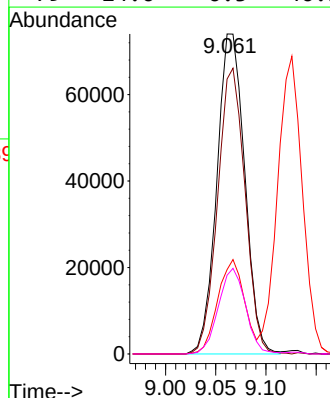
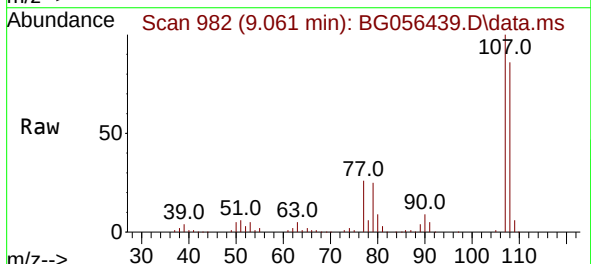
Instrument :
BNA_G
ClientSampleId :
TP-21MS

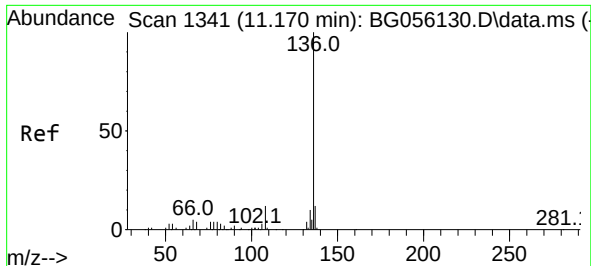
Tgt Ion:	70	Resp:	73451
Ion	Ratio	Lower	Upper
70	100		
42	25.1	18.2	27.2
101	12.7	8.3	12.5
130	26.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.105 ng
RT: 9.061 min Scan# 982
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:	107	Resp:	143062
Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.6	109.6
77	26.3	11.7	51.7
79	24.6	6.3	46.3

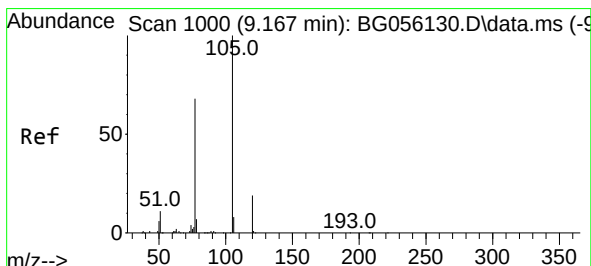
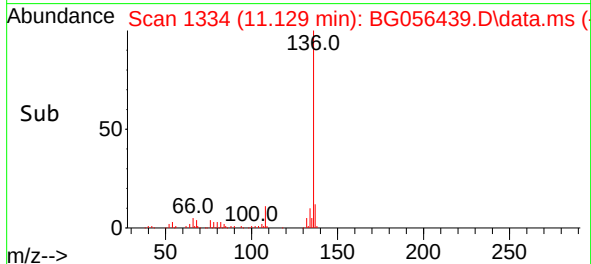
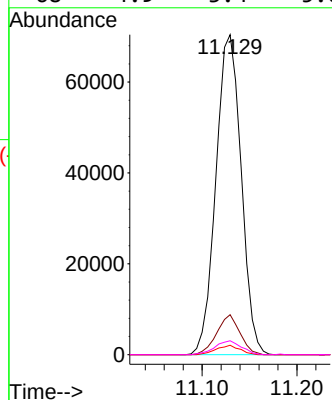
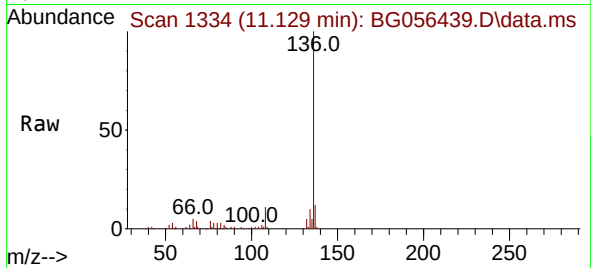




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.129 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

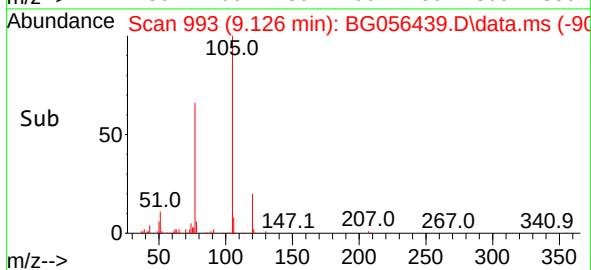
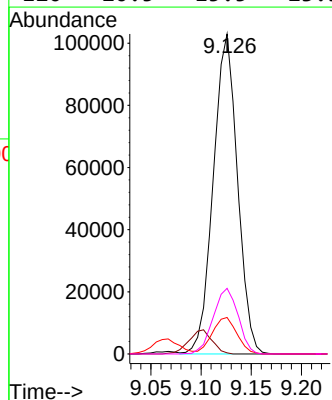
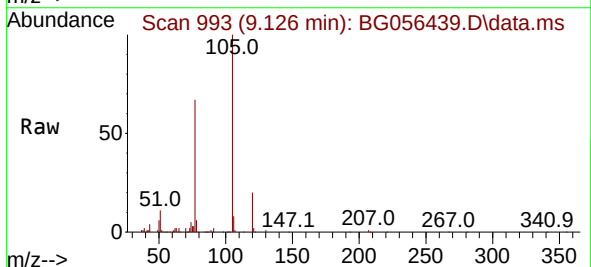
Instrument :
BNA_G
ClientSampleId :
TP-21MS

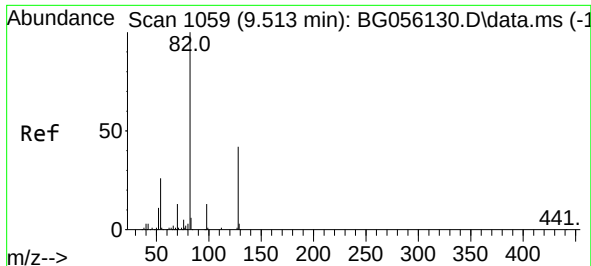
Tgt Ion:136 Resp: 130472
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.0
54 3.0 2.2 3.2
68 4.9 3.4 5.0



#22
Acetophenone
Concen: 46.764 ng
RT: 9.126 min Scan# 993
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:105 Resp: 172518
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 11.4 9.3 13.9
120 20.5 15.5 23.3

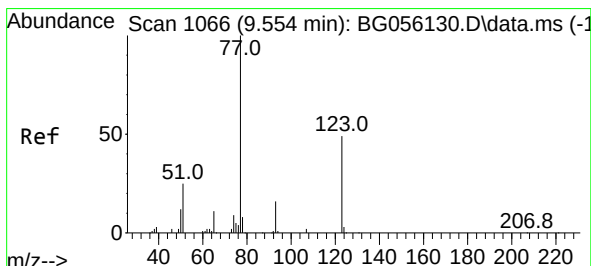
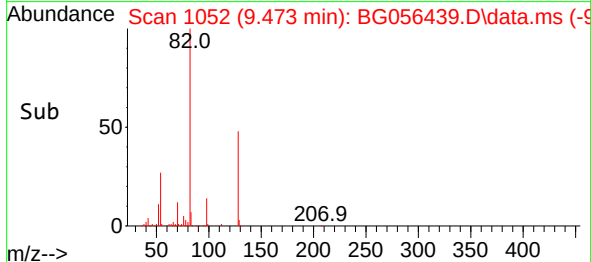
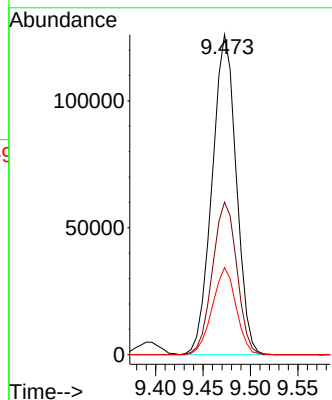
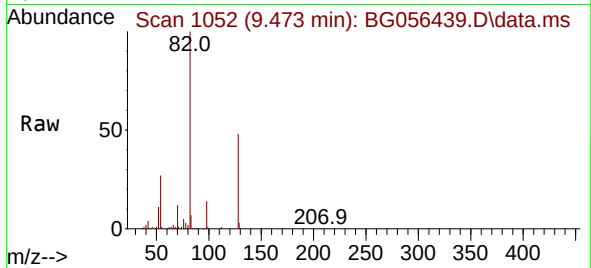




#23
Nitrobenzene-d5
Concen: 87.854 ng
RT: 9.473 min Scan# 1052
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

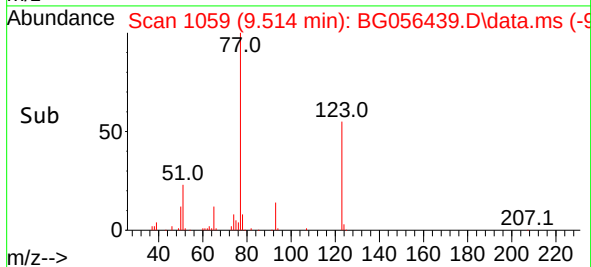
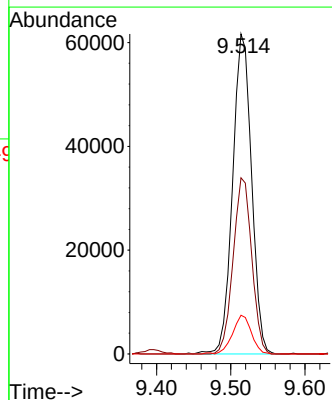
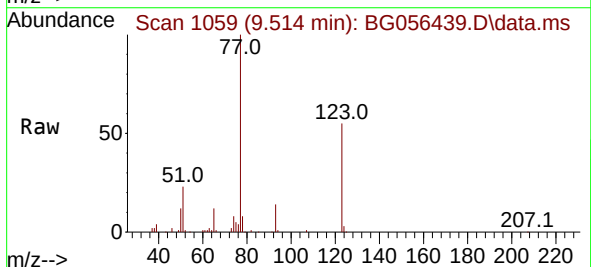
Instrument :
BNA_G
ClientSampleId :
TP-21MS

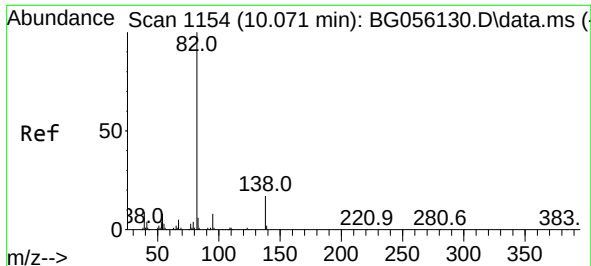
Tgt Ion: 82 Resp: 224089
Ion Ratio Lower Upper
82 100
128 47.7 33.4 50.2
54 27.2 20.3 30.5



#24
Nitrobenzene
Concen: 43.200 ng
RT: 9.514 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 77 Resp: 109199
Ion Ratio Lower Upper
77 100
123 55.1 38.8 58.2
65 12.1 9.1 13.7

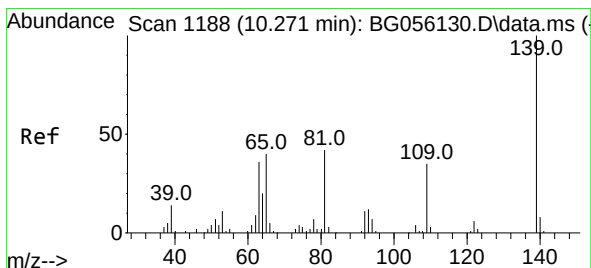
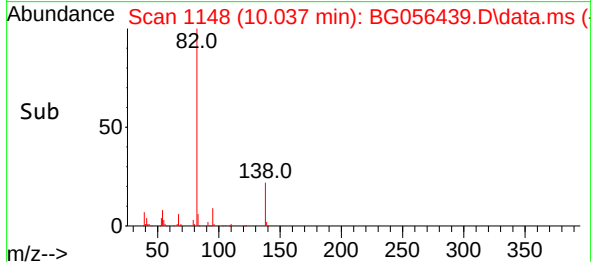
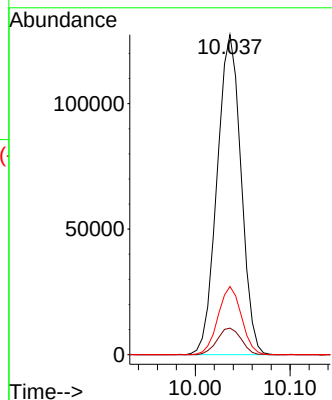
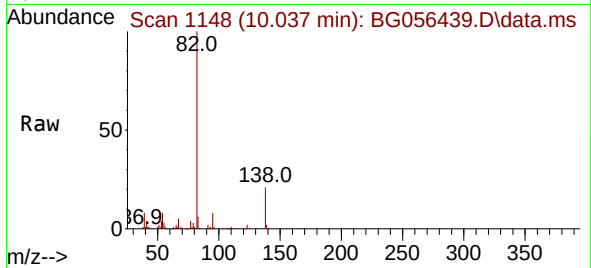




#25
Isophorone
Concen: 41.780 ng
RT: 10.037 min Scan# 1148
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

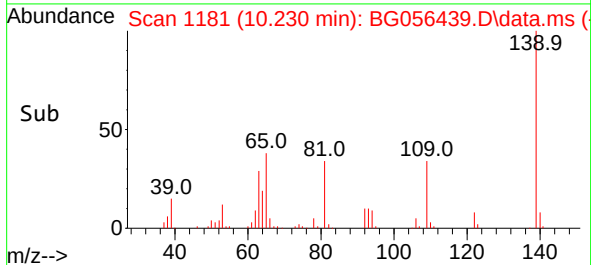
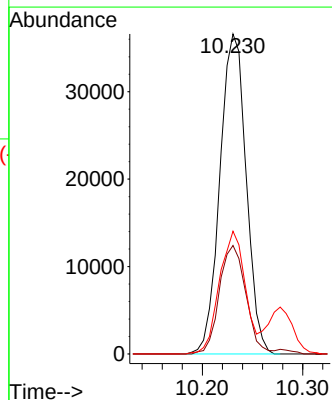
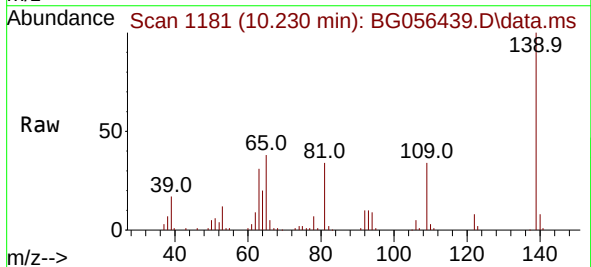
Instrument :
BNA_G
ClientSampleId :
TP-21MS

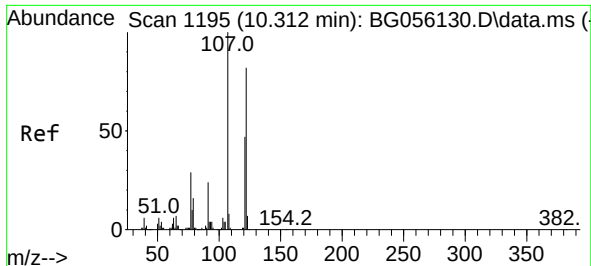
Tgt Ion: 82 Resp: 224219
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 21.3 13.7 20.5#



#26
2-Nitrophenol
Concen: 51.383 ng
RT: 10.230 min Scan# 1181
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:139 Resp: 66455
Ion Ratio Lower Upper
139 100
109 33.9 28.4 42.6
65 38.4 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 49.863 ng

RT: 10.277 min Scan# 1189

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

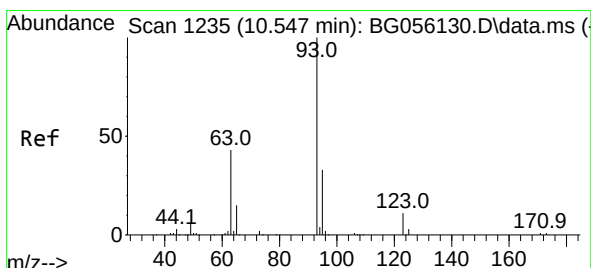
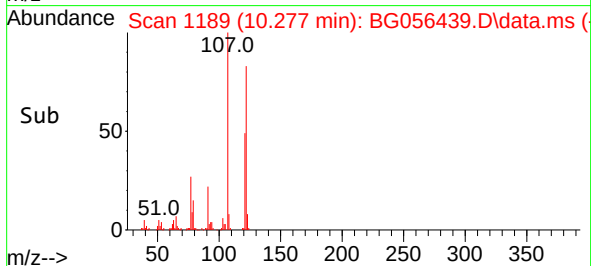
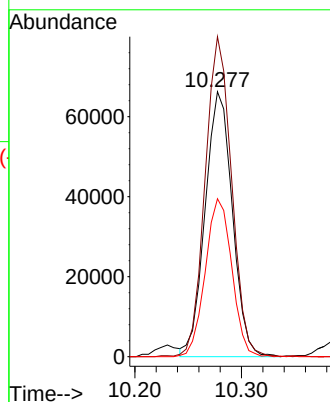
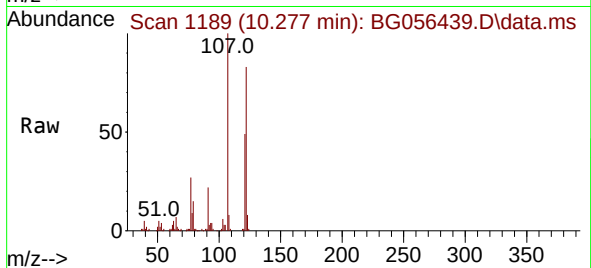
Tgt Ion:122 Resp: 117623

Ion Ratio Lower Upper

122 100

107 120.8 97.5 146.3

121 59.6 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.775 ng

RT: 10.512 min Scan# 1229

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

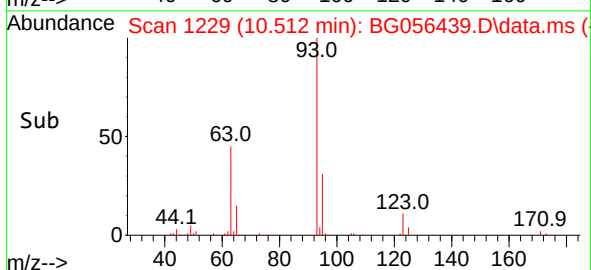
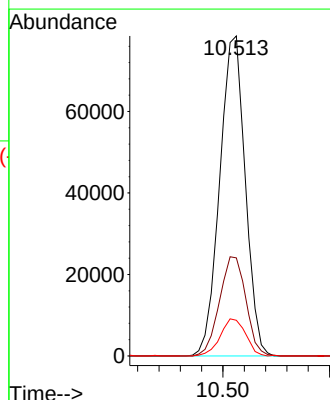
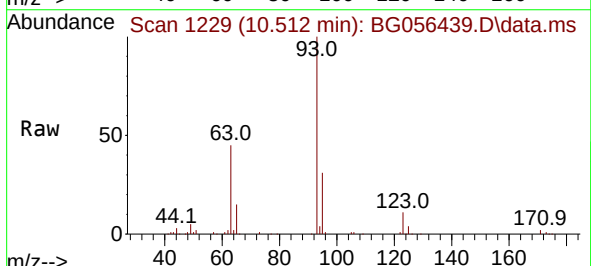
Tgt Ion: 93 Resp: 130469

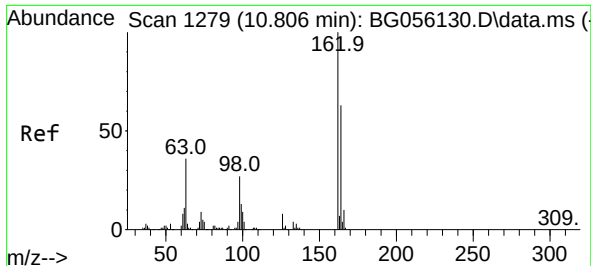
Ion Ratio Lower Upper

93 100

95 30.7 26.2 39.2

123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.652 ng

RT: 10.771 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

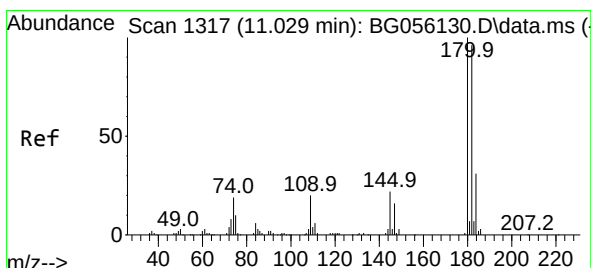
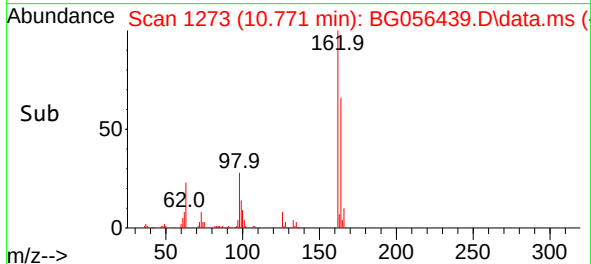
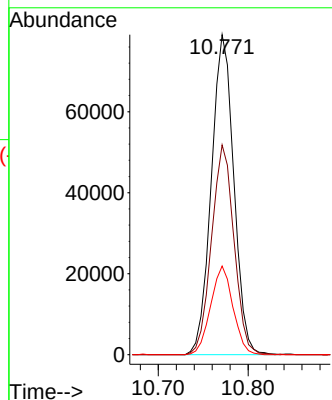
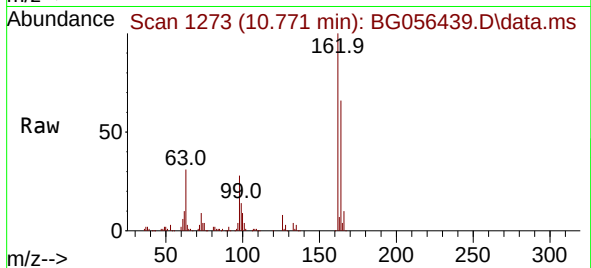
Tgt Ion:162 Resp: 137313

Ion Ratio Lower Upper

162 100

164 65.6 43.3 83.3

98 27.7 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 47.597 ng

RT: 10.988 min Scan# 1310

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

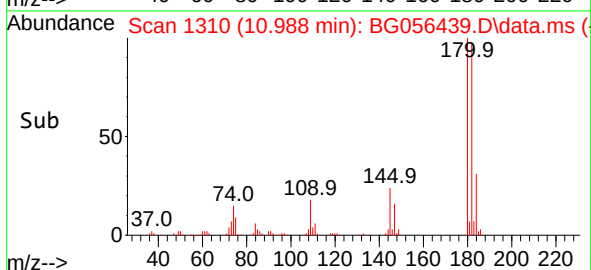
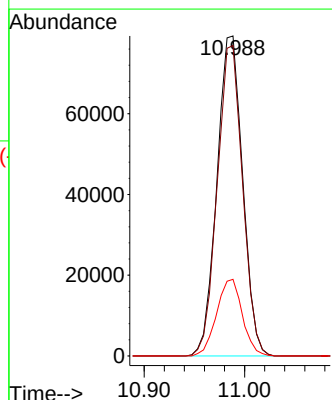
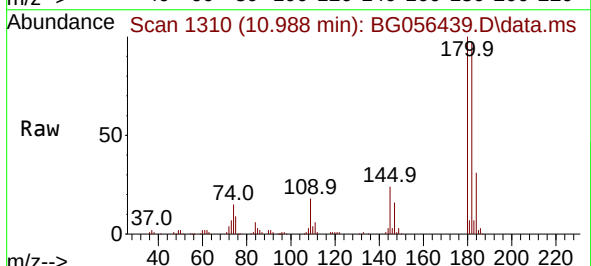
Tgt Ion:180 Resp: 140862

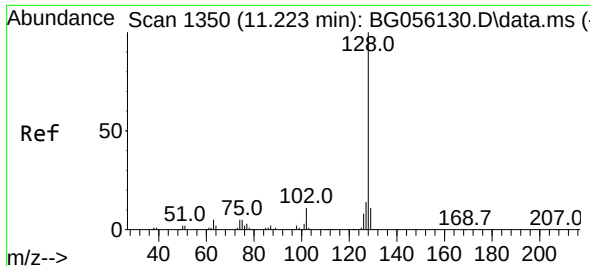
Ion Ratio Lower Upper

180 100

182 97.0 77.0 115.4

145 24.0 17.4 26.2

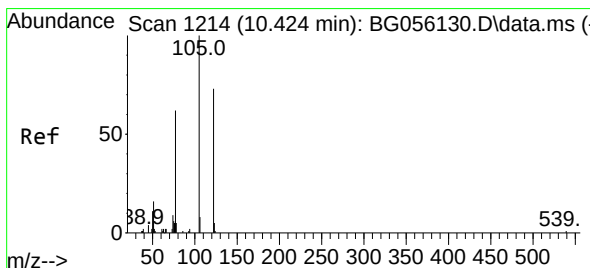
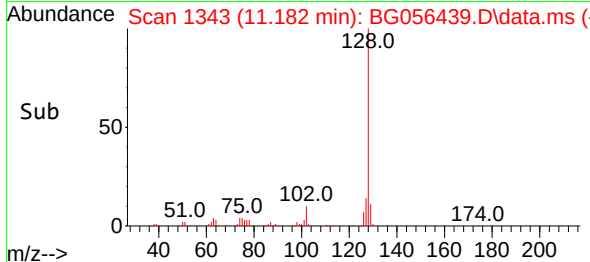
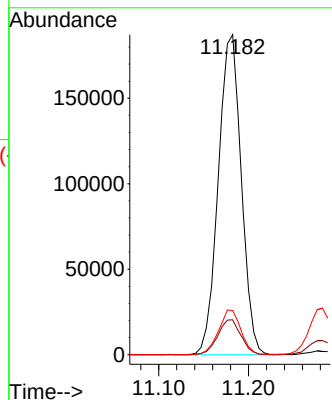
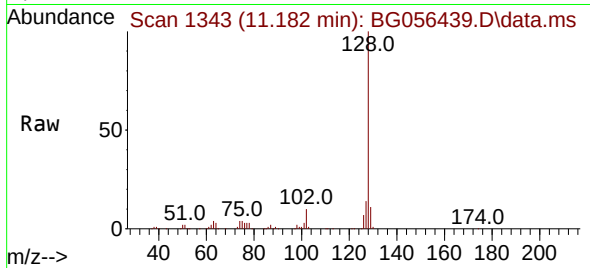




#31
Naphthalene
Concen: 48.421 ng
RT: 11.182 min Scan# 11182
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

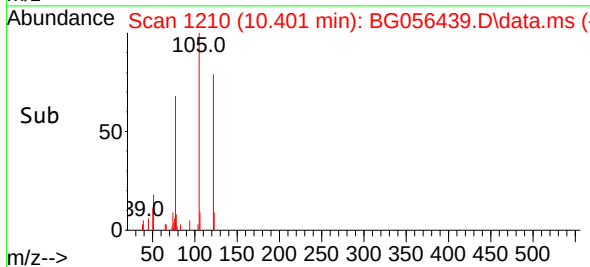
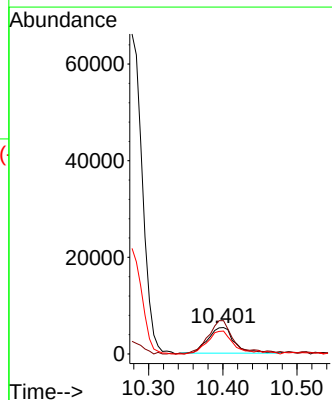
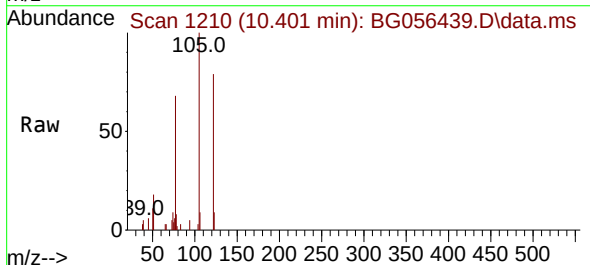
Instrument :
BNA_G
ClientSampleId :
TP-21MS

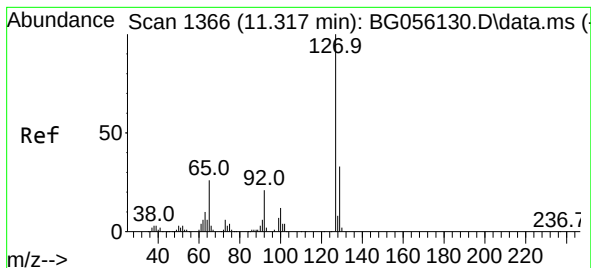
Tgt Ion:128 Resp: 332488
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 7.501 ng
RT: 10.401 min Scan# 1210
Delta R.T. -0.007 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:122 Resp: 13128
Ion Ratio Lower Upper
122 100
105 125.9 109.0 149.0
77 86.2 63.1 103.1





#33

4-Chloroaniline

Concen: 15.674 ng

RT: 11.282 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

Tgt Ion:127 Resp: 51385

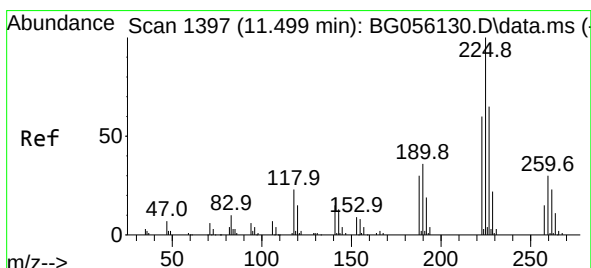
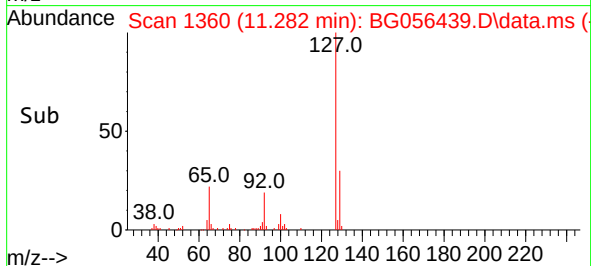
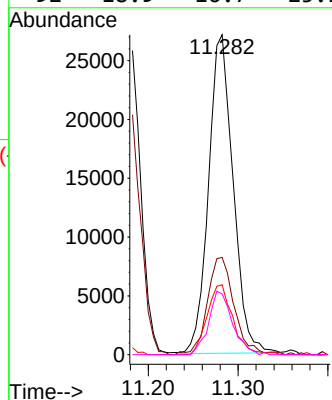
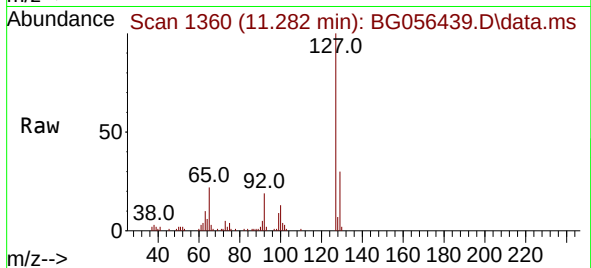
Ion Ratio Lower Upper

127 100

129 30.4 26.1 39.1

65 21.9 20.9 31.3

92 18.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 45.202 ng

RT: 11.453 min Scan# 1389

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

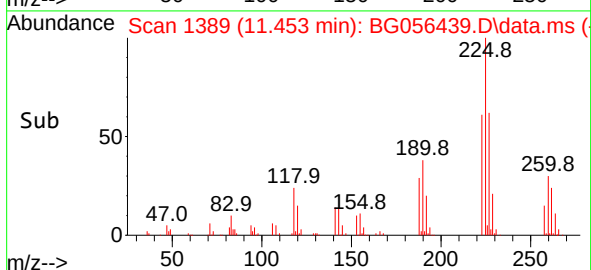
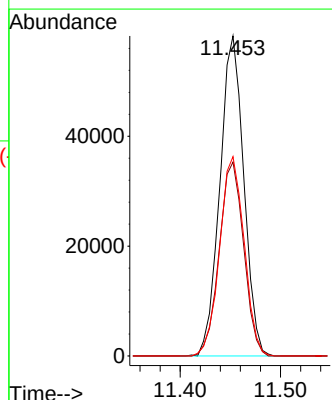
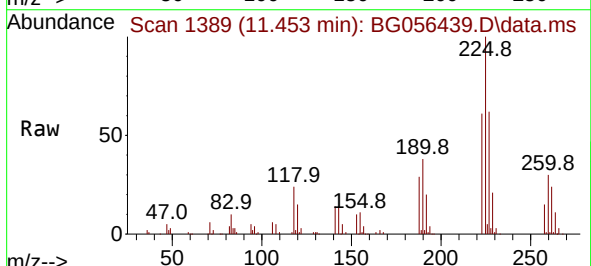
Tgt Ion:225 Resp: 96213

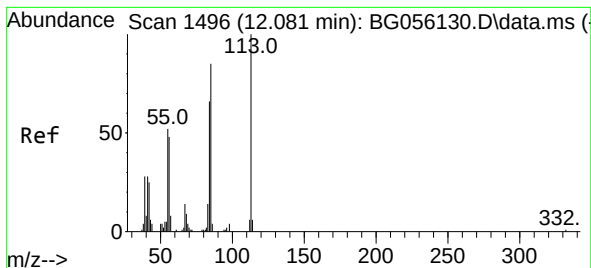
Ion Ratio Lower Upper

225 100

223 60.6 47.7 71.5

227 62.3 52.3 78.5





#35

Caprolactam

Concen: 25.176 ng

RT: 12.070 min Scan# 1494

Delta R.T. 0.016 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

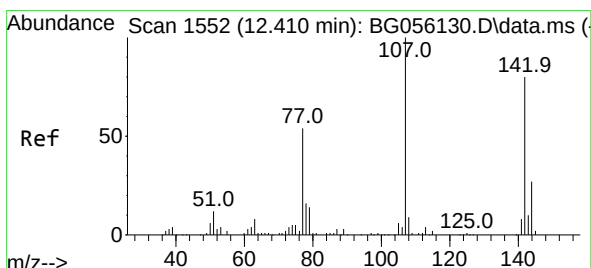
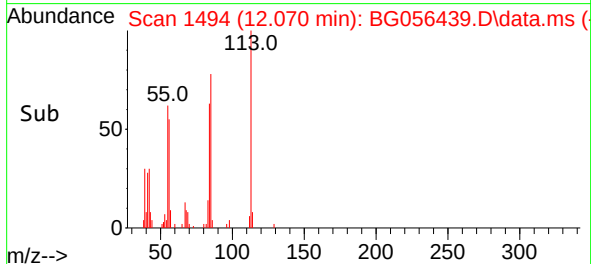
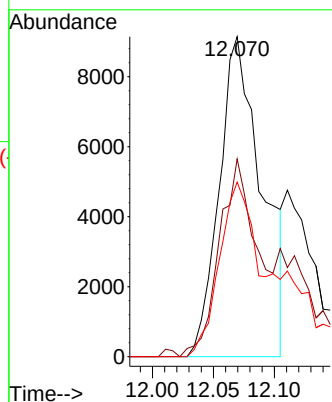
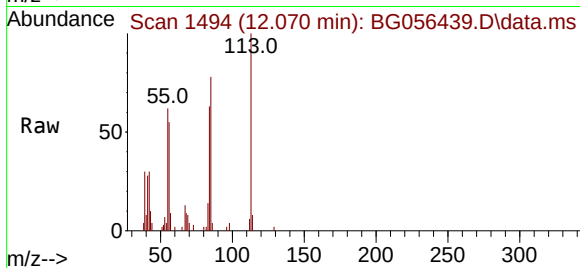
Tgt Ion:113 Resp: 22229

Ion Ratio Lower Upper

113 100

55 61.8 31.9 71.9

56 54.5 27.6 67.6



#36

4-Chloro-3-methylphenol

Concen: 47.478 ng

RT: 12.387 min Scan# 1548

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

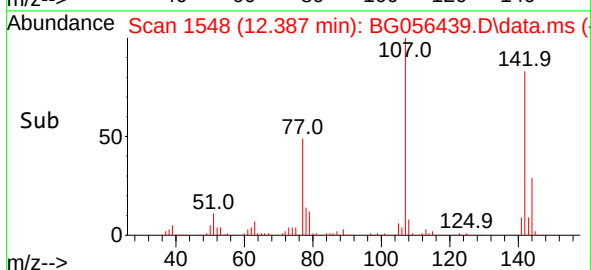
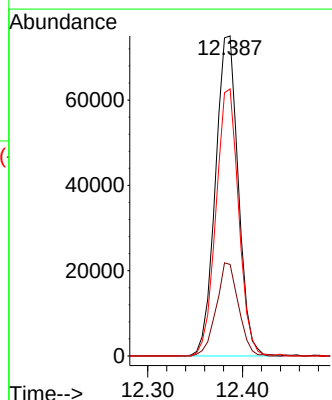
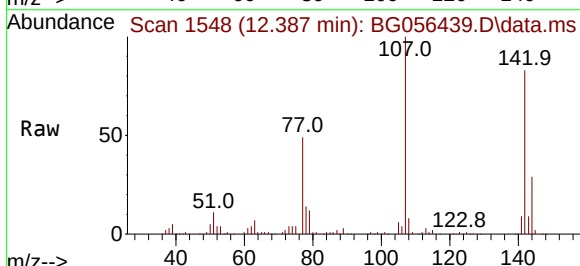
Tgt Ion:107 Resp: 125641

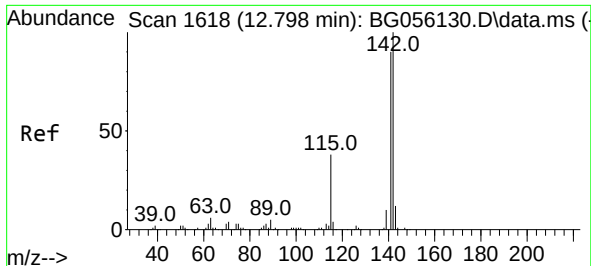
Ion Ratio Lower Upper

107 100

144 28.6 21.5 32.3

142 83.5 63.8 95.6

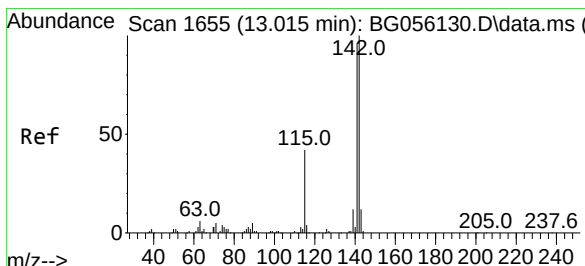
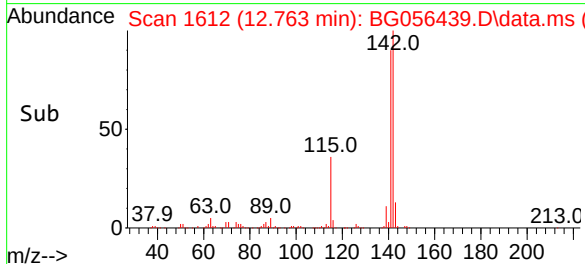
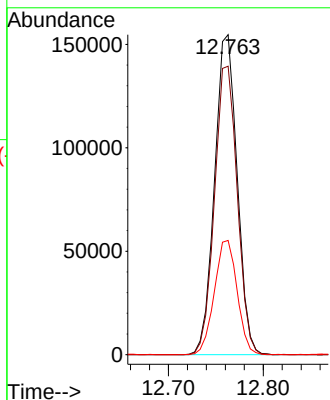
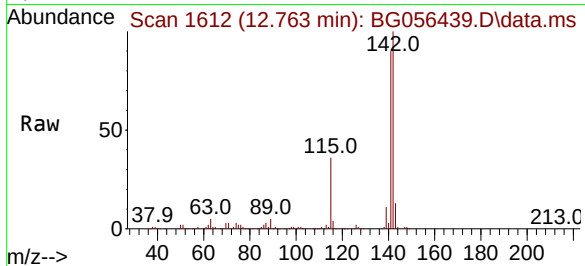




#37
2-Methylnaphthalene
Concen: 44.183 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

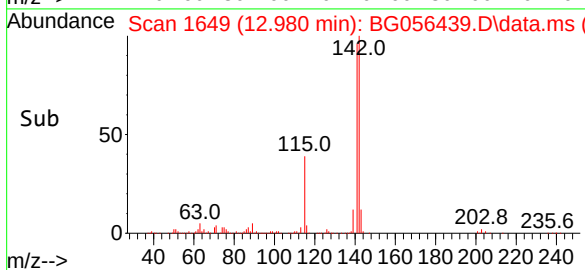
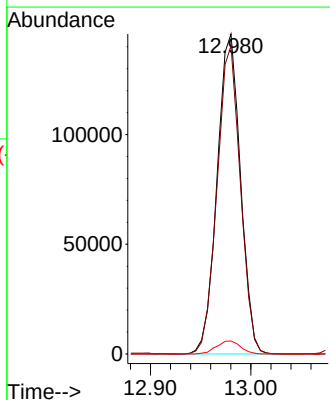
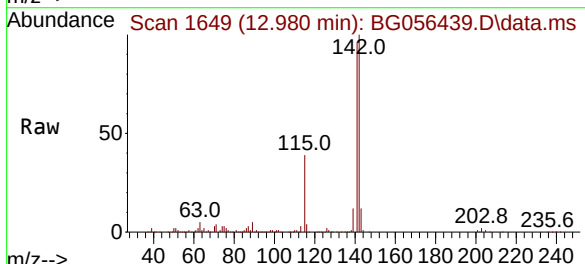
Instrument :
BNA_G
ClientSampleId :
TP-21MS

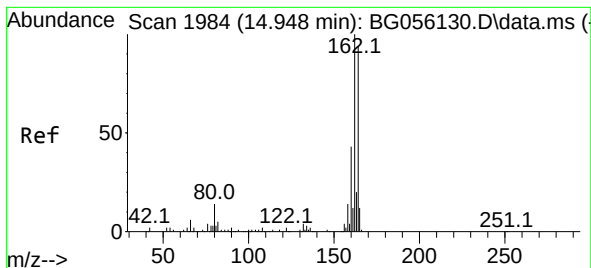
Tgt Ion:142 Resp: 256169
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.4
115 35.7 30.7 46.1



#38
1-Methylnaphthalene
Concen: 43.741 ng
RT: 12.980 min Scan# 1649
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:142 Resp: 235502
Ion Ratio Lower Upper
142 100
141 96.3 77.0 115.6
116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.913 min Scan# 1984

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

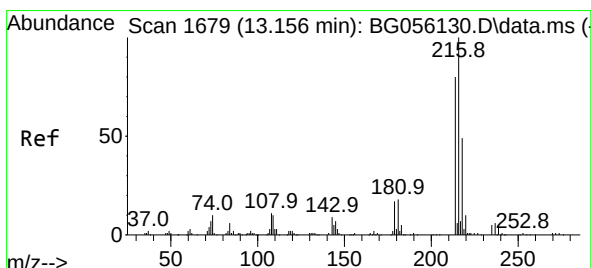
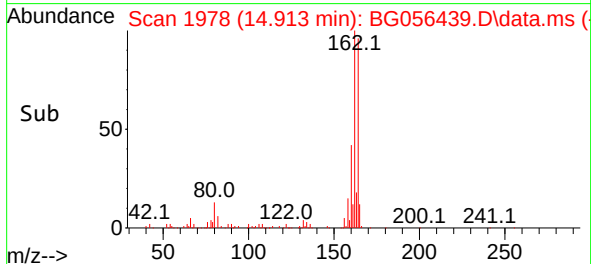
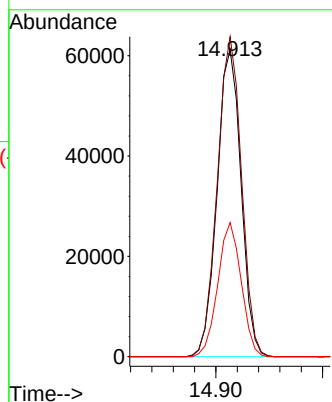
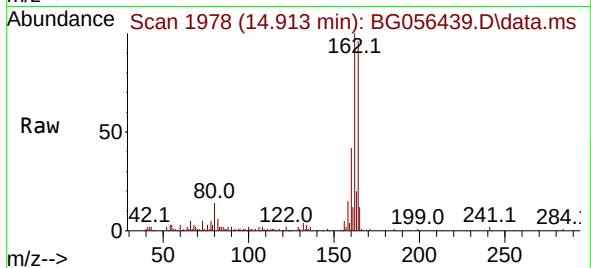
Tgt Ion:164 Resp: 95321

Ion Ratio Lower Upper

164 100

162 104.2 84.7 127.1

160 43.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.134 ng

RT: 13.121 min Scan# 1673

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Tgt Ion:216 Resp: 182680

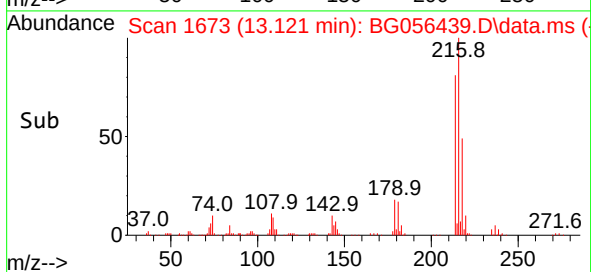
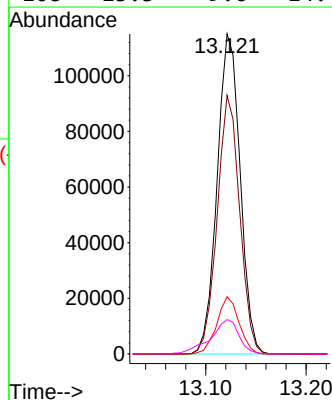
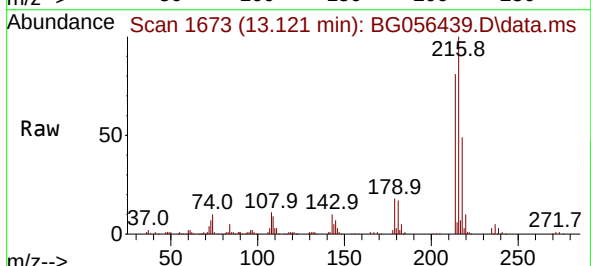
Ion Ratio Lower Upper

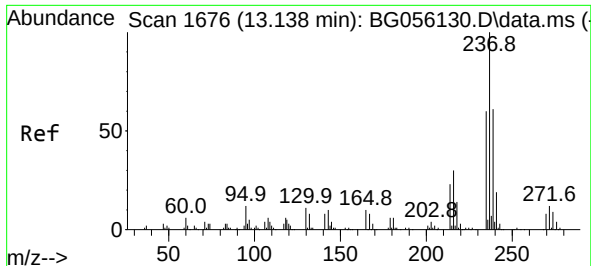
216 100

214 79.0 63.4 95.0

179 17.3 13.6 20.4

108 13.3 9.6 14.4

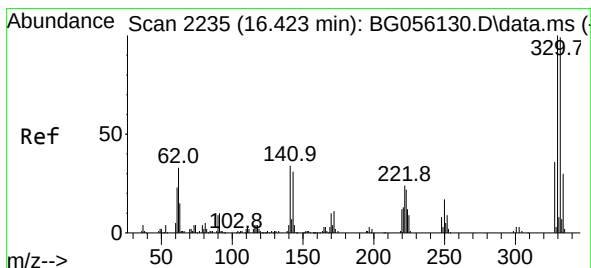
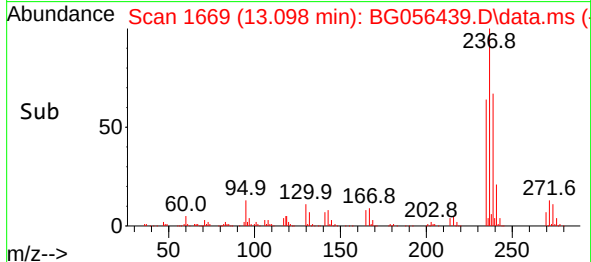
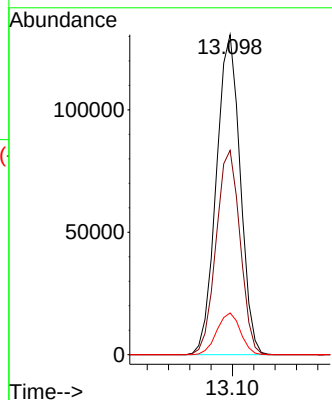
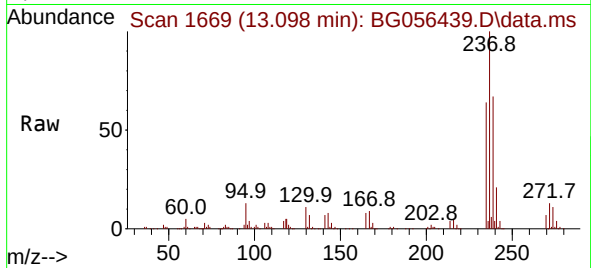




#41
Hexachlorocyclopentadiene
Concen: 99.740 ng
RT: 13.098 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

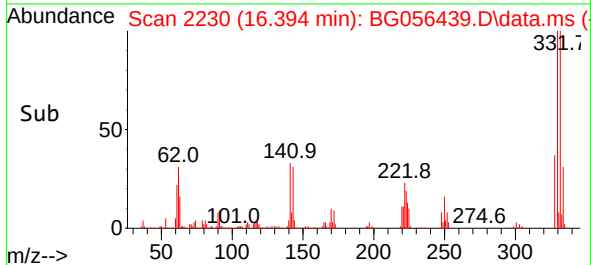
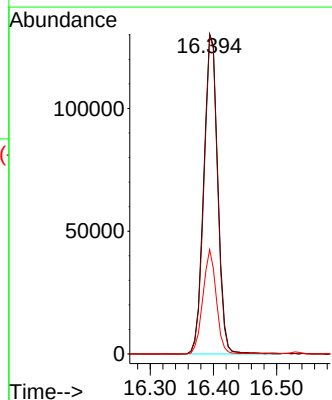
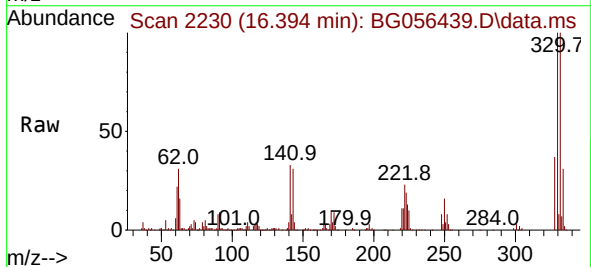
Instrument :
BNA_G
ClientSampleId :
TP-21MS

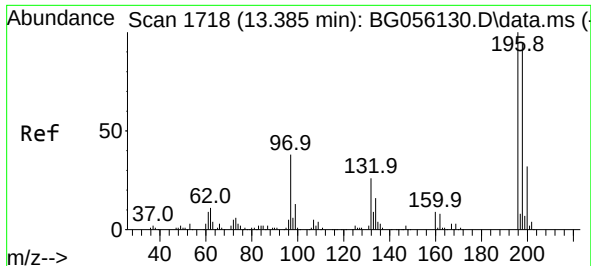
Tgt Ion:237 Resp: 203153
Ion Ratio Lower Upper
237 100
235 63.8 40.3 80.3
272 13.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 166.818 ng
RT: 16.394 min Scan# 2230
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:330 Resp: 201387
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.0 27.9 41.9

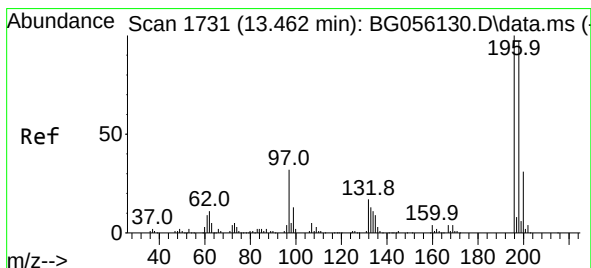
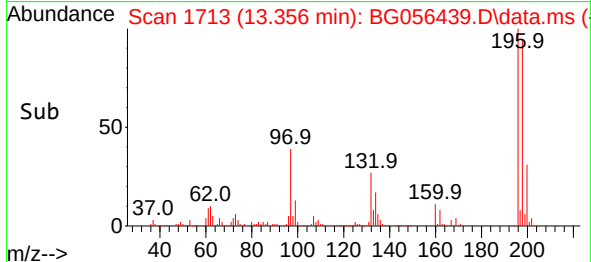
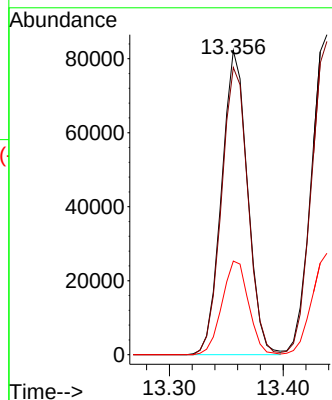
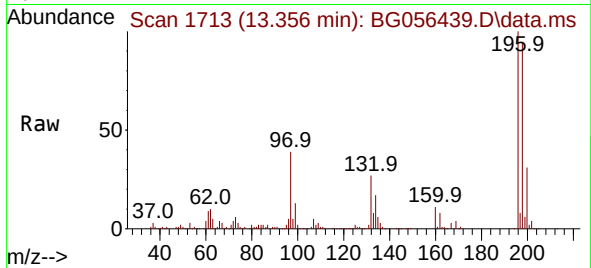




#43
2,4,6-Trichlorophenol
Concen: 55.307 ng
RT: 13.356 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

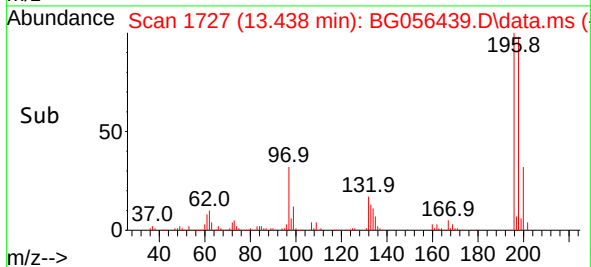
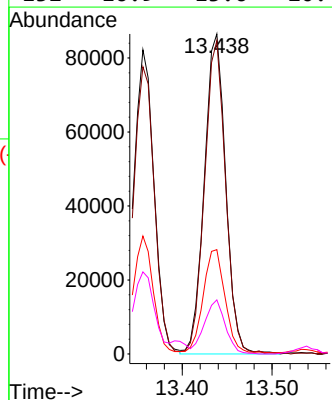
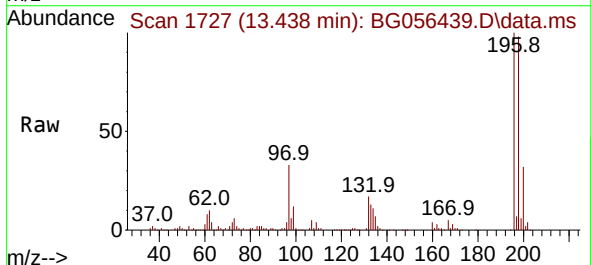
Instrument :
BNA_G
ClientSampleId :
TP-21MS

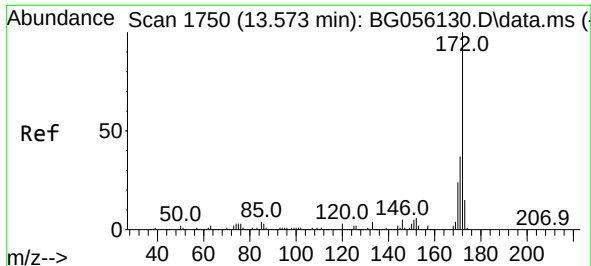
Tgt Ion:196 Resp: 130656
Ion Ratio Lower Upper
196 100
198 94.4 75.5 113.3
200 30.8 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 51.264 ng
RT: 13.438 min Scan# 1727
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:196 Resp: 143257
Ion Ratio Lower Upper
196 100
198 97.9 78.0 117.0
97 32.6 25.7 38.5
132 16.9 13.6 20.4

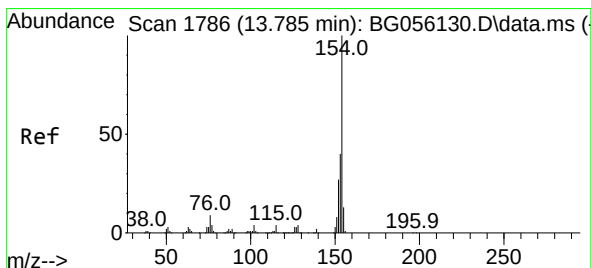
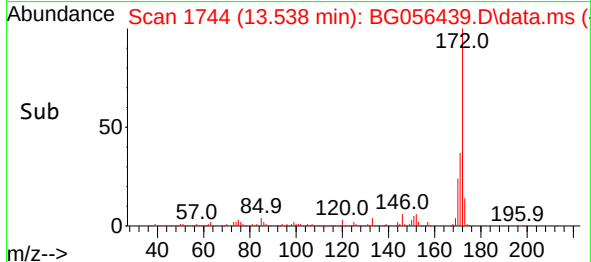
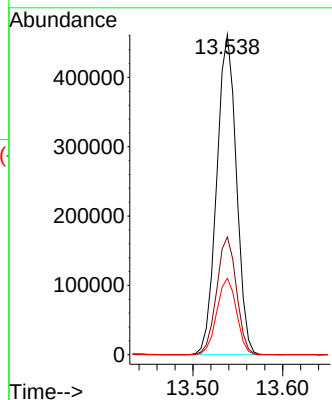
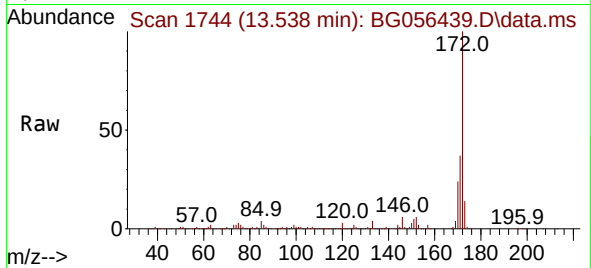




#45
2-Fluorobiphenyl
Concen: 101.680 ng
RT: 13.538 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

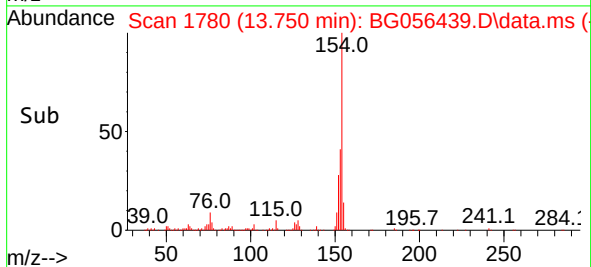
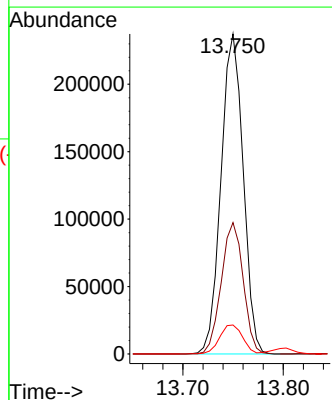
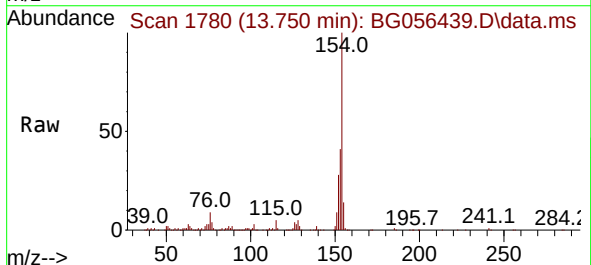
Instrument :
BNA_G
ClientSampleId :
TP-21MS

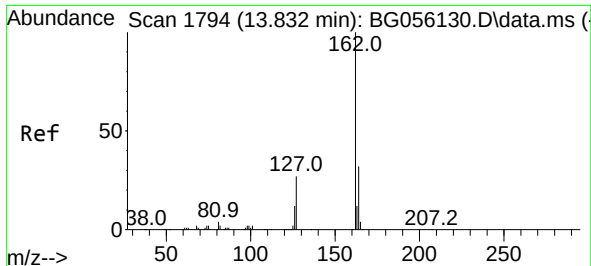
Tgt Ion:172 Resp: 701880
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 53.212 ng
RT: 13.750 min Scan# 1780
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:154 Resp: 363257
Ion Ratio Lower Upper
154 100
153 41.1 20.0 60.0
76 9.1 0.0 29.3

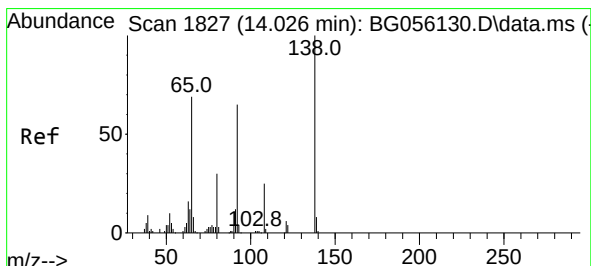
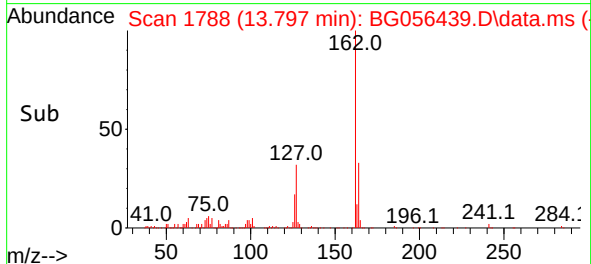
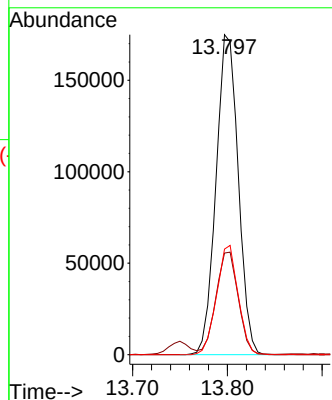
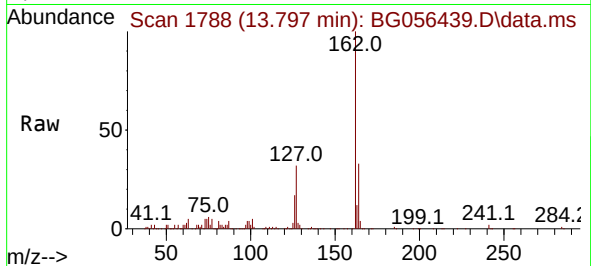




#47
2-Chloronaphthalene
Concen: 52.892 ng
RT: 13.797 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

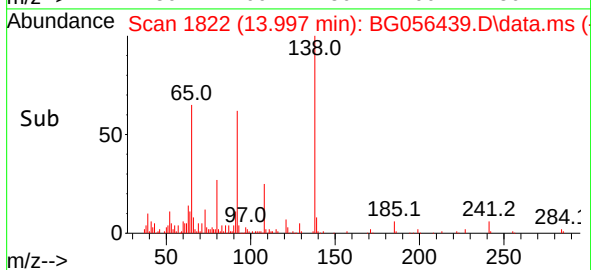
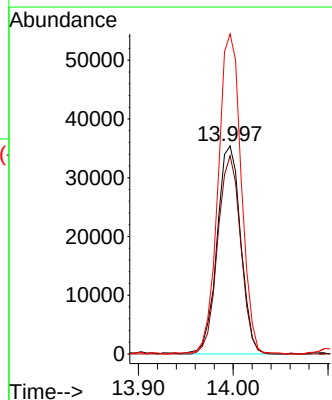
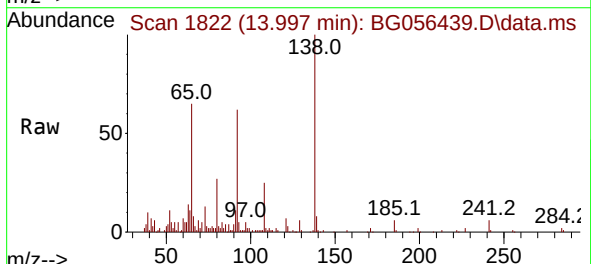
Instrument :
BNA_G
ClientSampleId :
TP-21MS

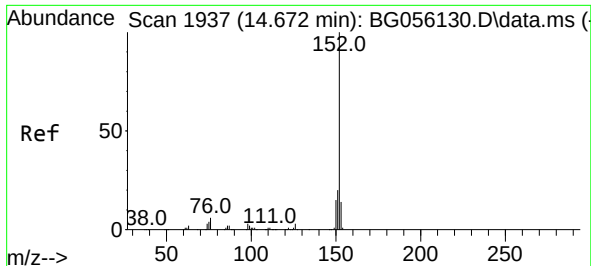
Tgt Ion:162 Resp: 285000
Ion Ratio Lower Upper
162 100
127 31.7 24.6 36.8
164 33.0 25.8 38.8



#48
2-Nitroaniline
Concen: 53.551 ng
RT: 13.997 min Scan# 1822
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 65 Resp: 61479
Ion Ratio Lower Upper
65 100
92 95.3 76.0 114.0
138 153.9 116.6 174.8

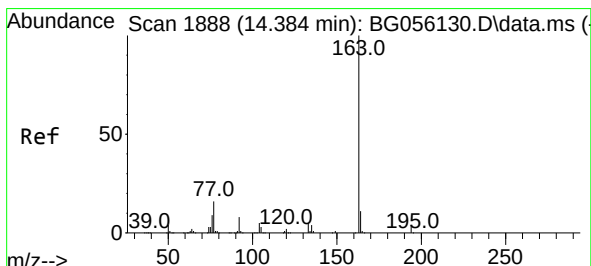
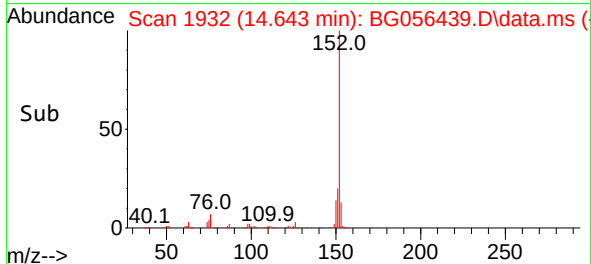
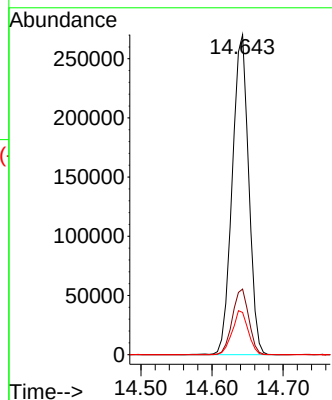
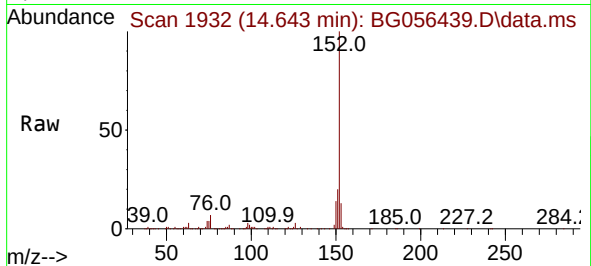




#49
Acenaphthylene
Concen: 49.529 ng
RT: 14.643 min Scan# 1932
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

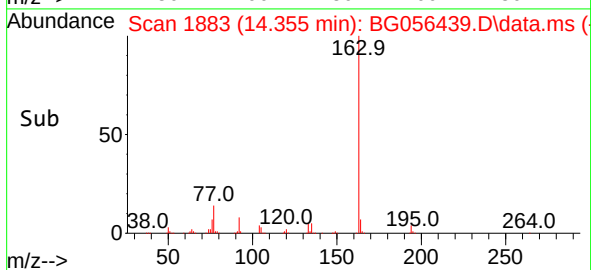
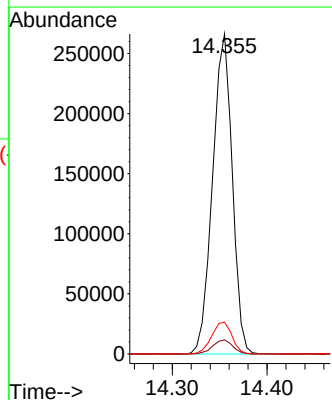
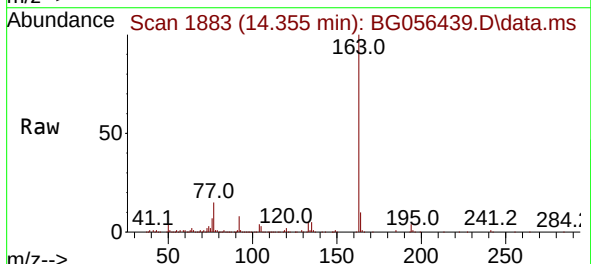
Instrument :
BNA_G
ClientSampleId :
TP-21MS

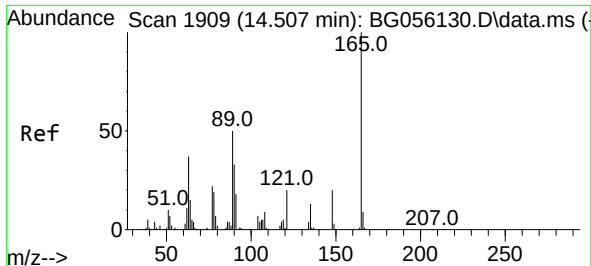
Tgt Ion:152 Resp: 434295
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.2 11.0 16.6



#50
Dimethylphthalate
Concen: 49.804 ng
RT: 14.355 min Scan# 1883
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:163 Resp: 383238
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.0 8.7 13.1

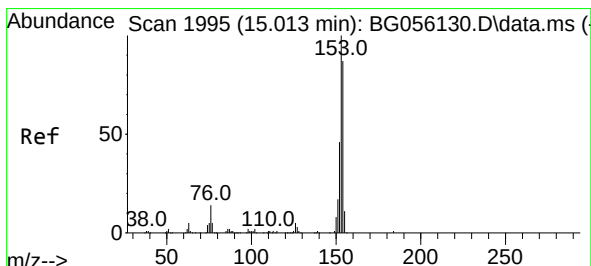
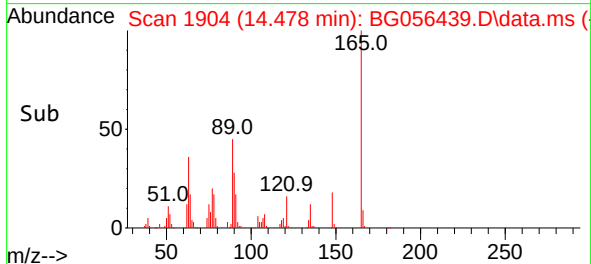
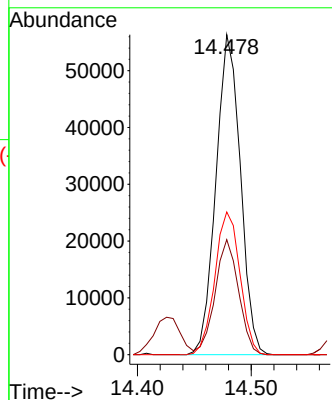
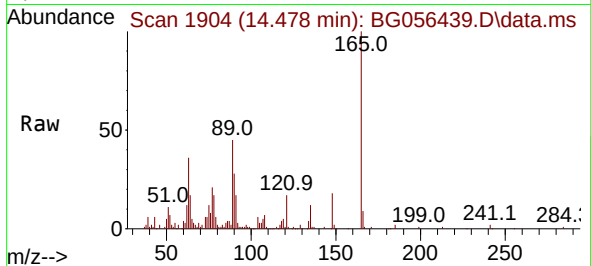




#51
2,6-Dinitrotoluene
Concen: 51.416 ng
RT: 14.478 min Scan# 1904
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

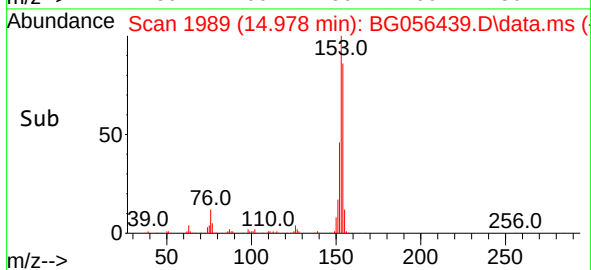
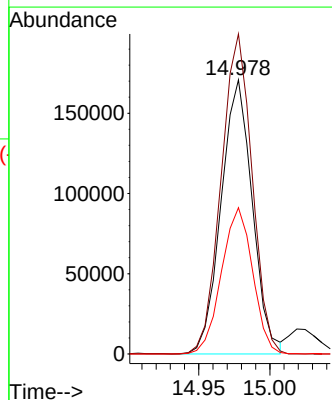
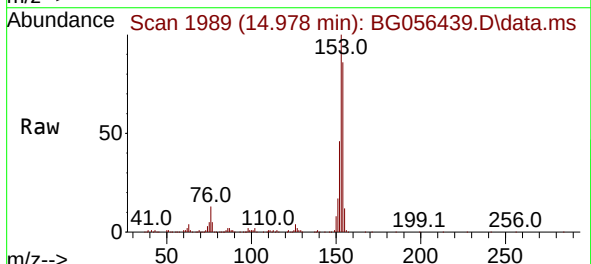
Instrument :
BNA_G
ClientSampleId :
TP-21MS

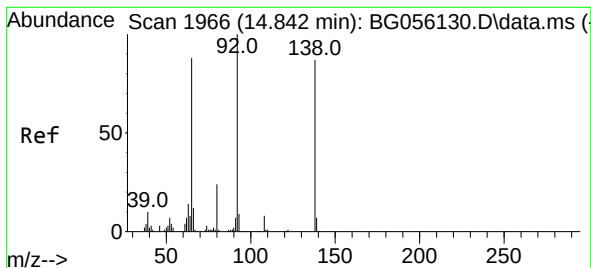
Tgt Ion:165 Resp: 84304
Ion Ratio Lower Upper
165 100
63 35.9 32.2 48.2
89 44.6 39.8 59.8



#52
Acenaphthene
Concen: 45.742 ng
RT: 14.978 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:154 Resp: 260868
Ion Ratio Lower Upper
154 100
153 116.7 92.0 138.0
152 53.4 42.5 63.7

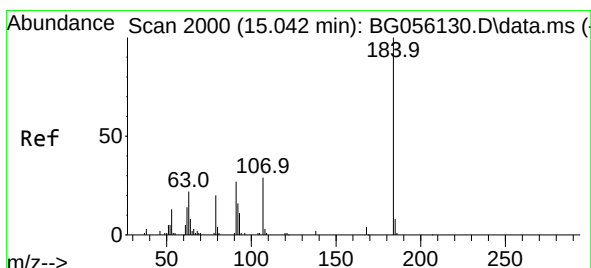
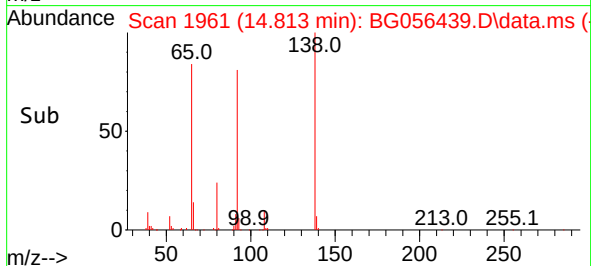
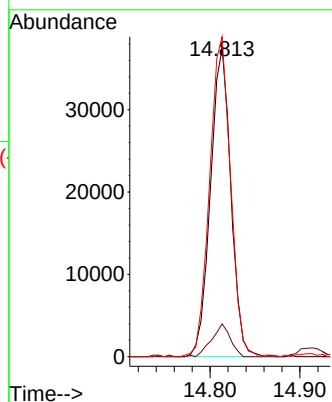
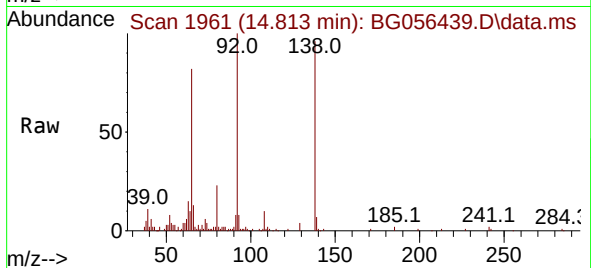




#53
3-Nitroaniline
Concen: 37.841 ng
RT: 14.813 min Scan# 1961
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

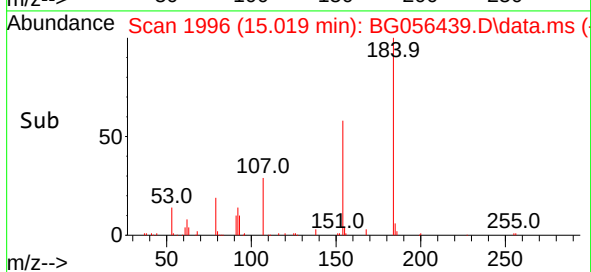
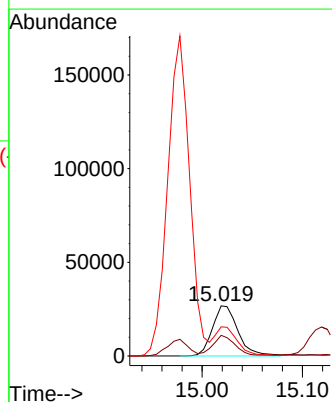
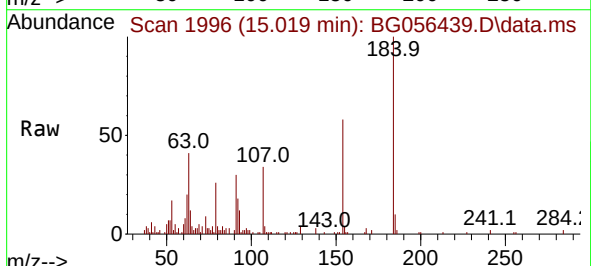
Instrument :
BNA_G
ClientSampleId :
TP-21MS

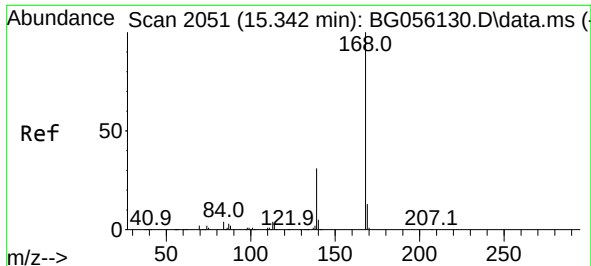
Tgt Ion:138 Resp: 59050
Ion Ratio Lower Upper
138 100
108 10.6 7.6 11.4
92 103.8 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 40.235 ng
RT: 15.019 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:184 Resp: 47129
Ion Ratio Lower Upper
184 100
63 41.3 24.0 36.0#
154 58.1 45.4 68.0

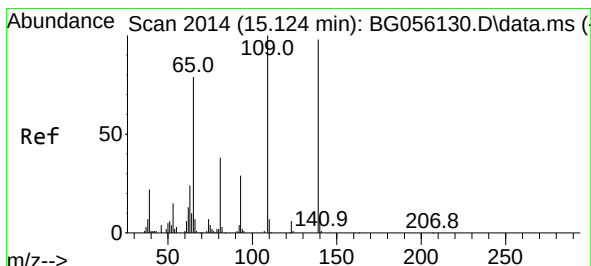
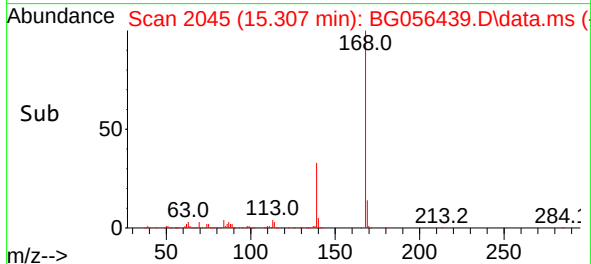
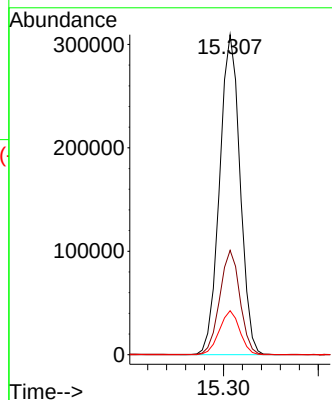
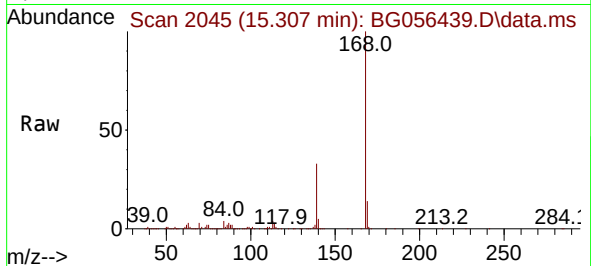




#55
Dibenzenofuran
Concen: 49.194 ng
RT: 15.307 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

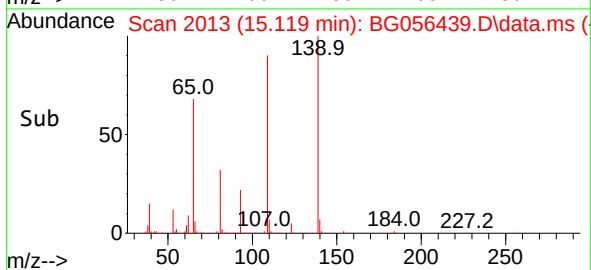
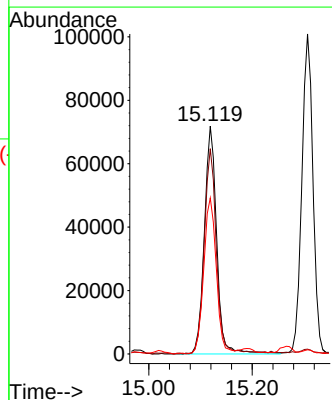
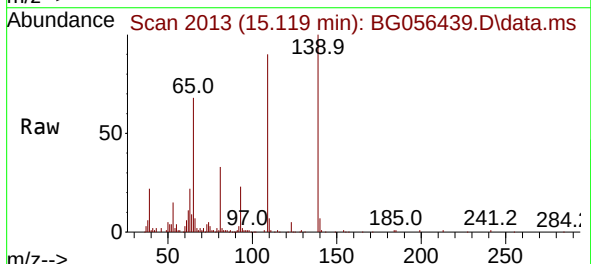
Instrument :
BNA_G
ClientSampleId :
TP-21MS

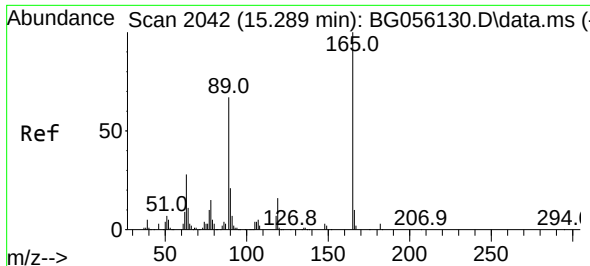
Tgt Ion:168 Resp: 464265
Ion Ratio Lower Upper
168 100
139 32.6 24.7 37.1
169 13.7 10.3 15.5



#56
4-Nitrophenol
Concen: 99.075 ng
RT: 15.119 min Scan# 2013
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:139 Resp: 118904
Ion Ratio Lower Upper
139 100
109 90.1 82.2 122.2
65 68.5 60.6 100.6

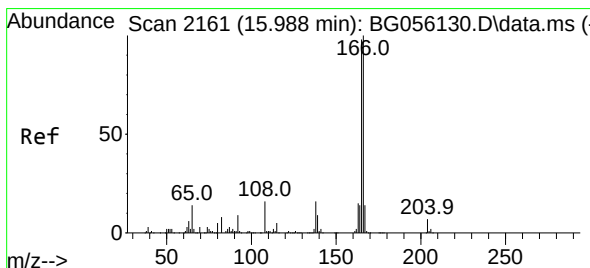
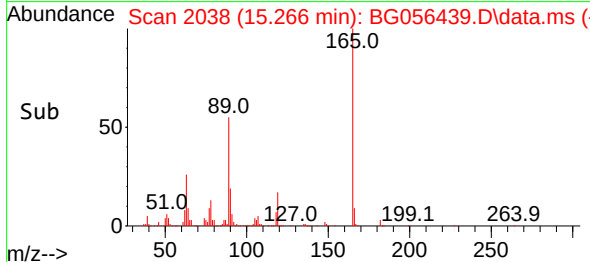
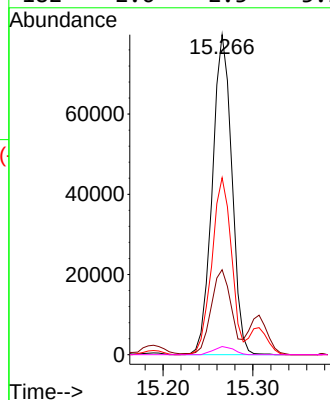
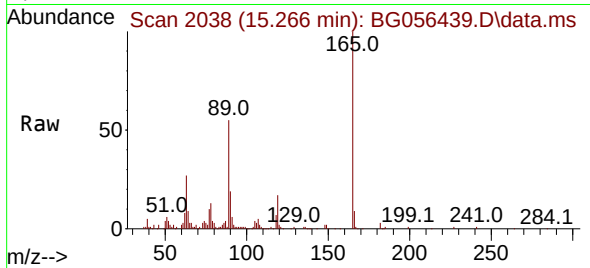




#57
2,4-Dinitrotoluene
Concen: 52.591 ng
RT: 15.266 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

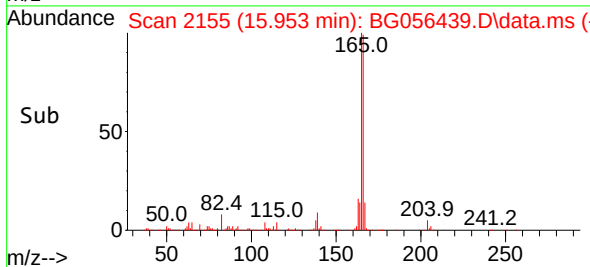
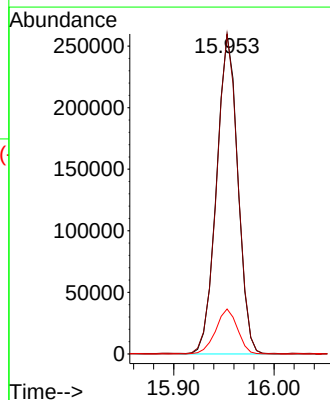
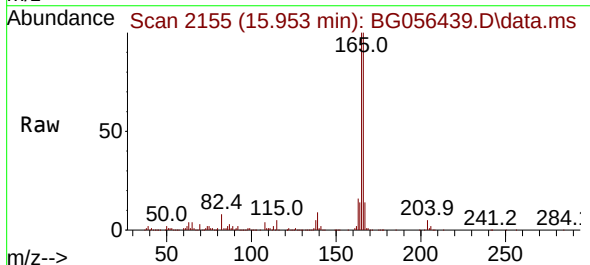
Instrument :
BNA_G
ClientSampleId :
TP-21MS

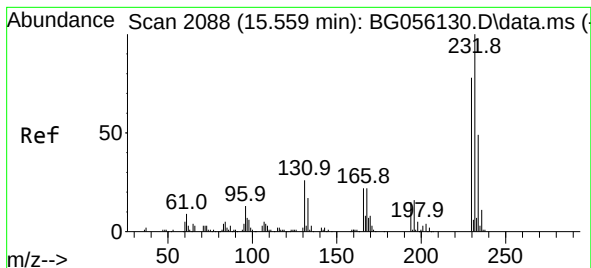
Tgt Ion:165 Resp: 120595
Ion Ratio Lower Upper
165 100
63 26.5 22.6 34.0
89 55.3 53.2 79.8
182 2.6 2.3 3.5



#58
Fluorene
Concen: 50.236 ng
RT: 15.953 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:166 Resp: 381321
Ion Ratio Lower Upper
166 100
165 100.3 78.6 118.0
167 14.1 11.1 16.7

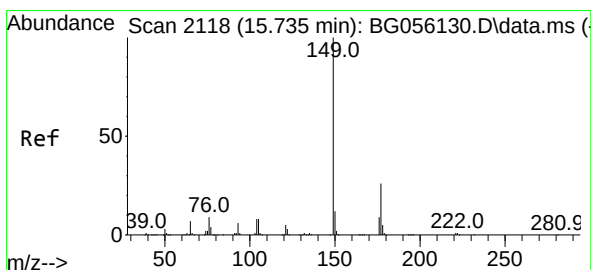
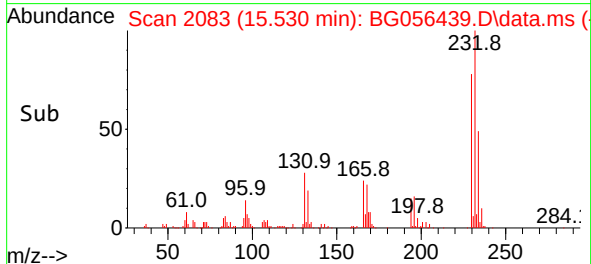
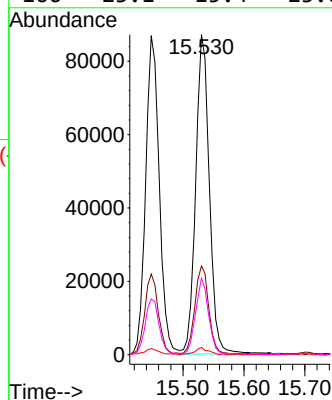
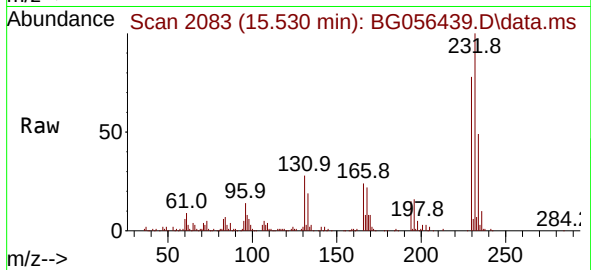




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.699 ng
RT: 15.530 min Scan# 2088
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

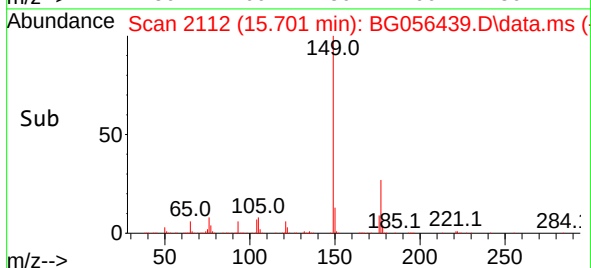
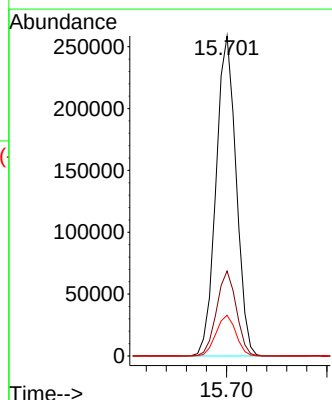
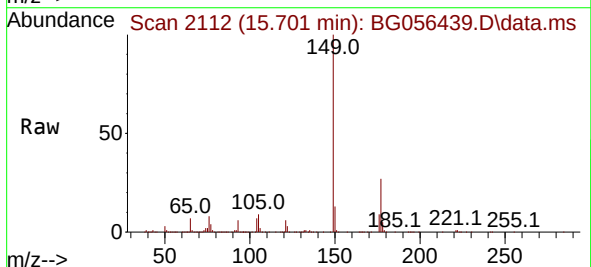
Instrument :
BNA_G
ClientSampleId :
TP-21MS

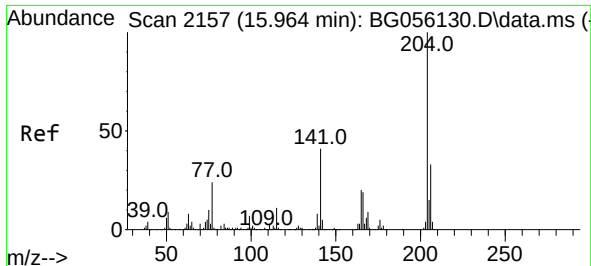
Tgt Ion:232 Resp: 135653
Ion Ratio Lower Upper
232 100
131 28.9 21.4 32.2
130 2.2 1.4 2.0#
166 23.1 15.4 23.0#



#60
Diethylphthalate
Concen: 49.864 ng
RT: 15.701 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:149 Resp: 359833
Ion Ratio Lower Upper
149 100
177 26.6 20.6 31.0
150 12.7 9.9 14.9

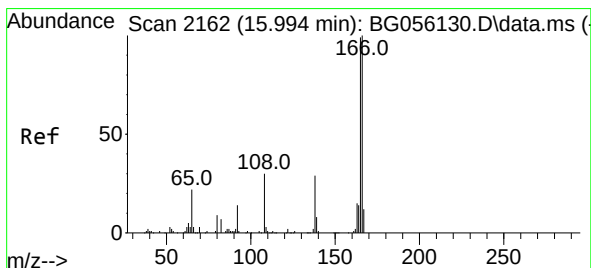
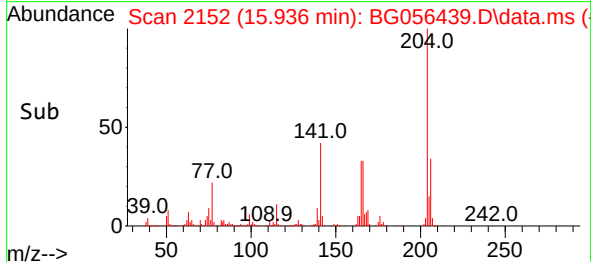
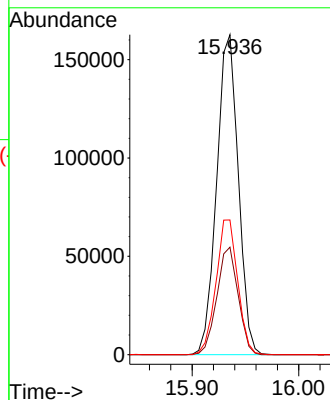
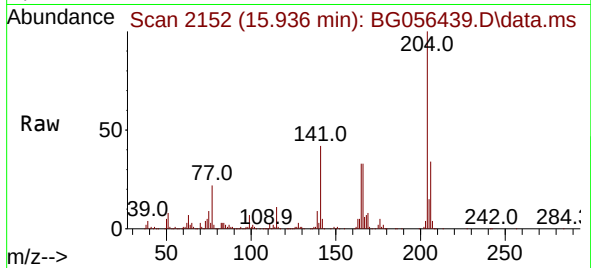




#61
4-Chlorophenyl-phenylether
Concen: 48.354 ng
RT: 15.936 min Scan# 2152
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

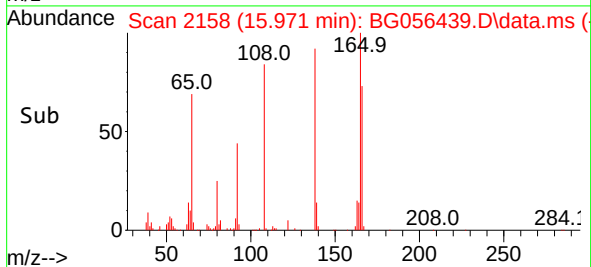
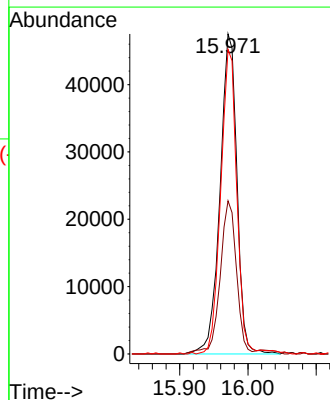
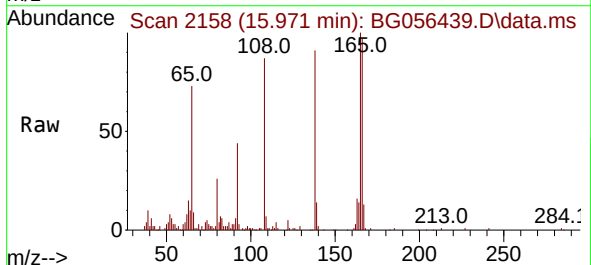
Instrument :
BNA_G
ClientSampleId :
TP-21MS

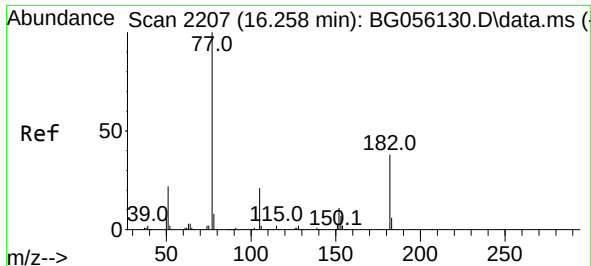
Tgt Ion:204 Resp: 229055
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 42.1 33.0 49.4



#62
4-Nitroaniline
Concen: 51.255 ng
RT: 15.971 min Scan# 2158
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:138 Resp: 81929
Ion Ratio Lower Upper
138 100
92 47.8 28.6 68.6
108 95.2 83.4 123.4

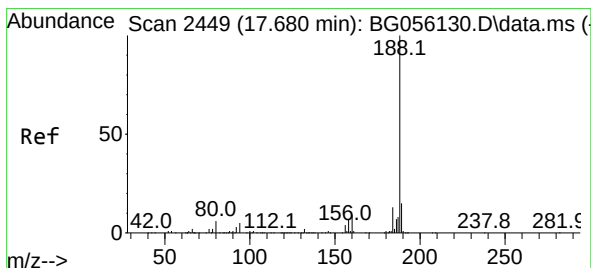
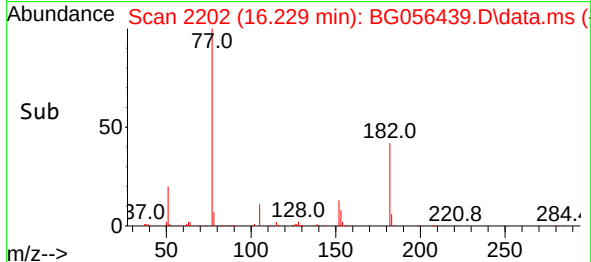
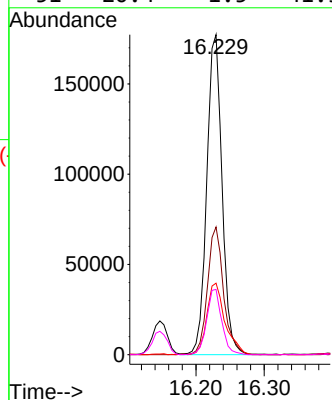
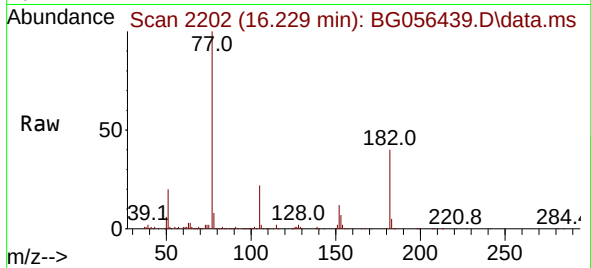




#63
Azobenzene
Concen: 49.730 ng
RT: 16.229 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

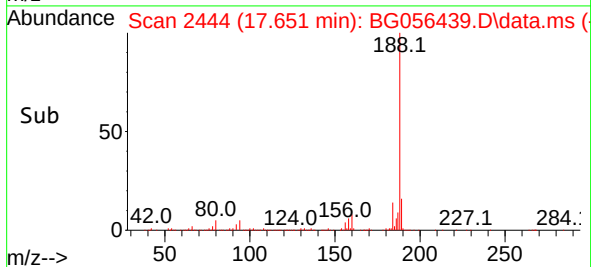
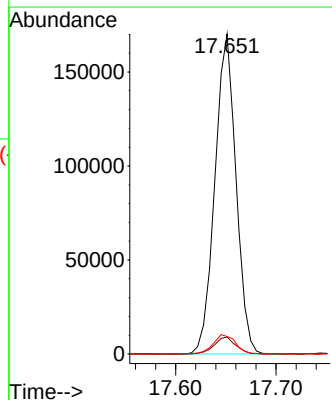
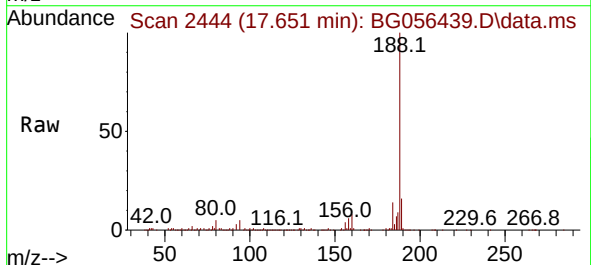
Instrument :
BNA_G
ClientSampleId :
TP-21MS

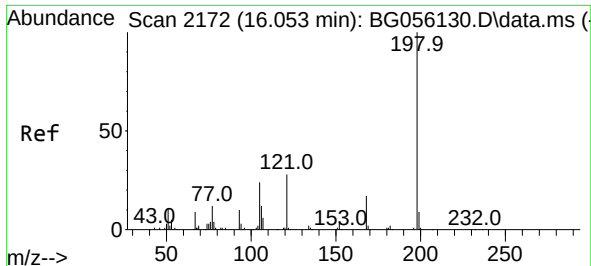
Tgt Ion: 77	Resp: 276934
Ion Ratio	Lower Upper
77 100	
182 39.9	18.5 58.5
105 22.4	1.4 41.4
51 20.4	1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.651 min Scan# 2444
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:188	Resp: 248187
Ion Ratio	Lower Upper
188 100	
94 5.3	4.2 6.2
80 5.4	5.0 7.4

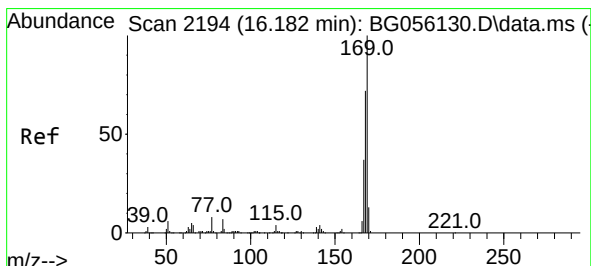
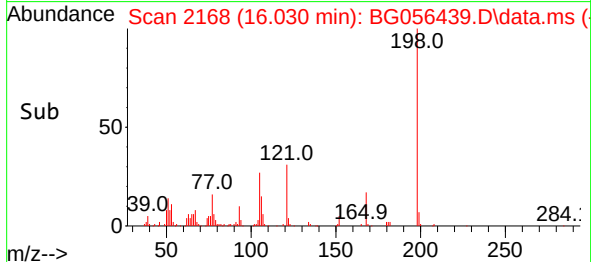
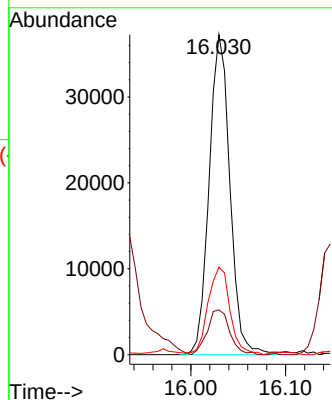
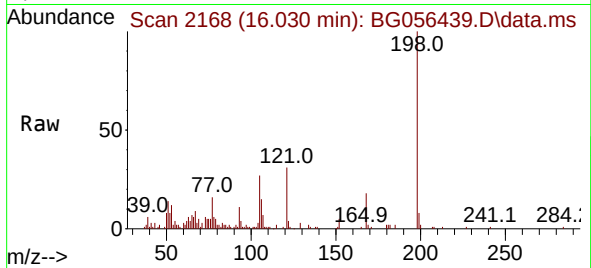




#65
4,6-Dinitro-2-methylphenol
Concen: 33.885 ng
RT: 16.030 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

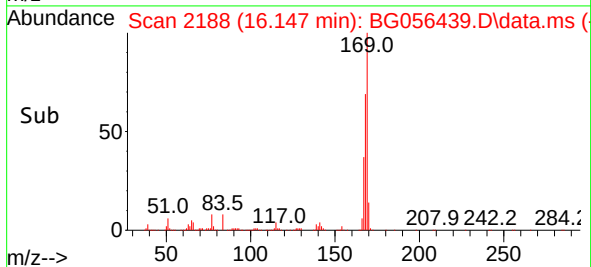
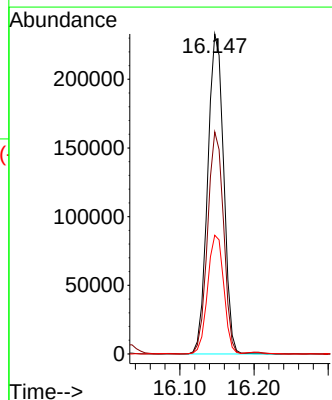
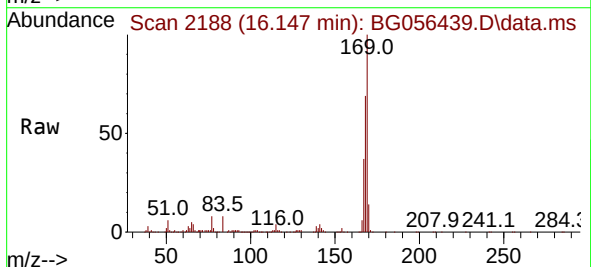
Instrument :
BNA_G
ClientSampleId :
TP-21MS

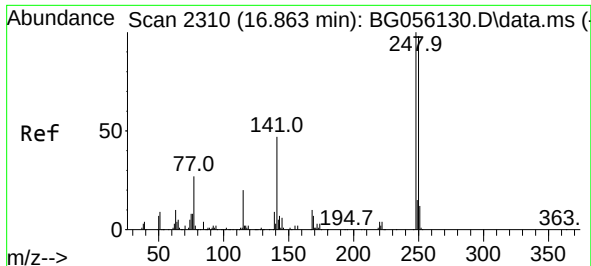
Tgt Ion:198 Resp: 56660
Ion Ratio Lower Upper
198 100
51 14.0 0.0 33.2
105 27.3 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 50.698 ng
RT: 16.147 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:169 Resp: 349108
Ion Ratio Lower Upper
169 100
168 69.4 58.0 87.0
167 37.1 30.0 45.0

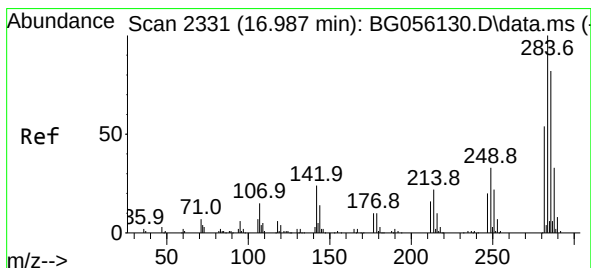
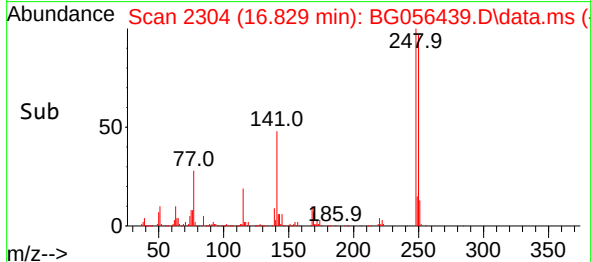
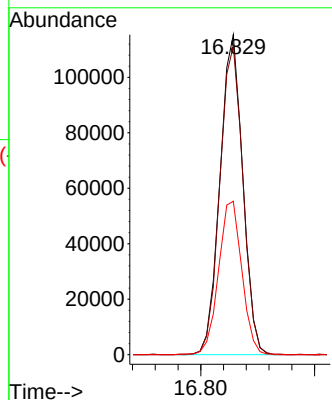
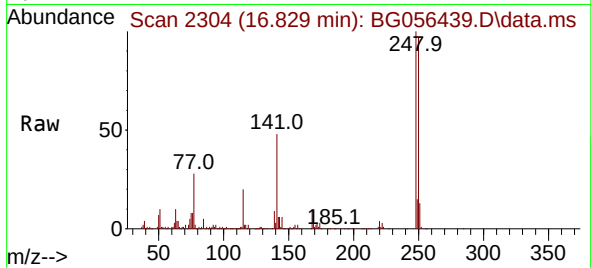




#67
4-Bromophenyl-phenylether
Concen: 50.839 ng
RT: 16.829 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

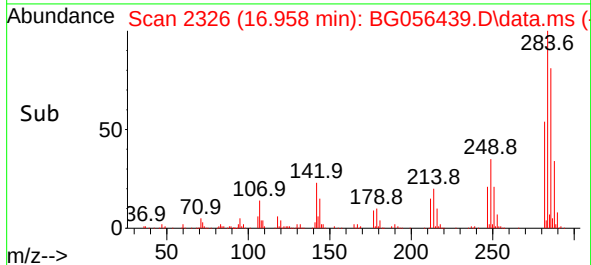
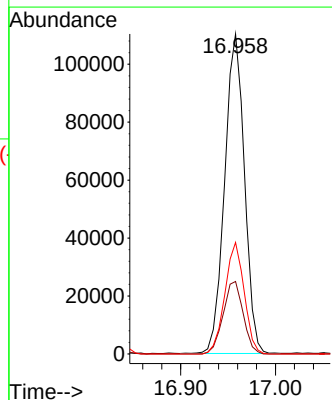
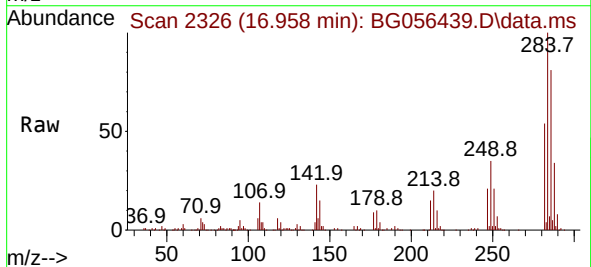
Instrument :
BNA_G
ClientSampleId :
TP-21MS

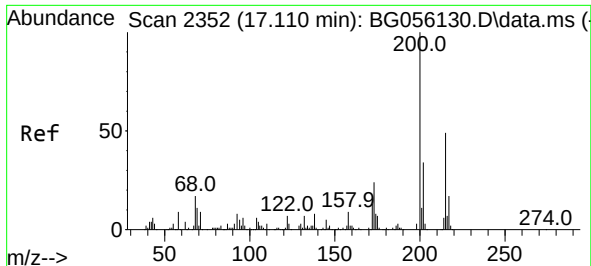
Tgt Ion:248 Resp: 160672
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.4
141 47.9 37.6 56.4



#68
Hexachlorobenzene
Concen: 54.270 ng
RT: 16.958 min Scan# 2326
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:284 Resp: 160020
Ion Ratio Lower Upper
284 100
142 22.7 19.0 28.6
249 34.9 26.6 39.8

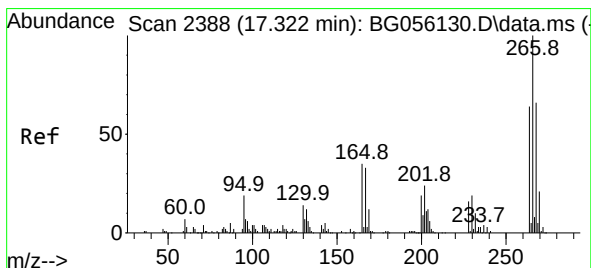
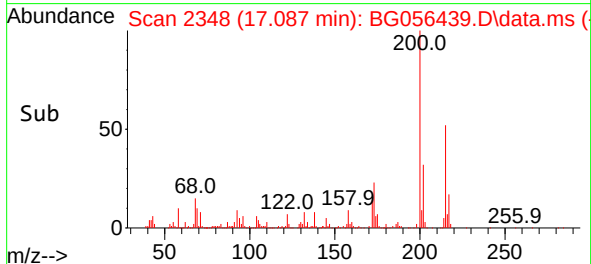
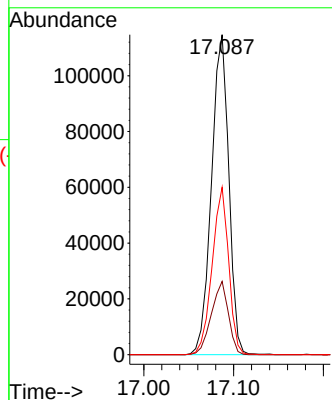
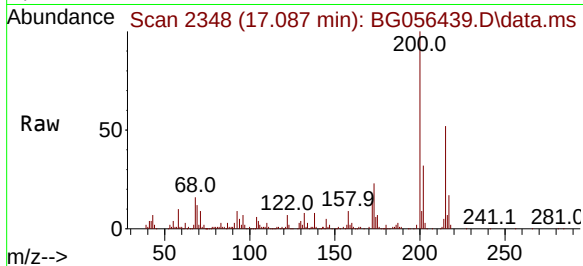




#69
 Atrazine
 Concen: 53.793 ng
 RT: 17.087 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

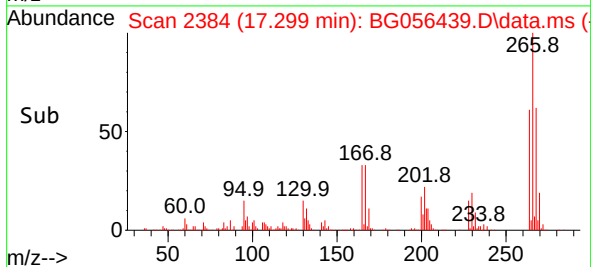
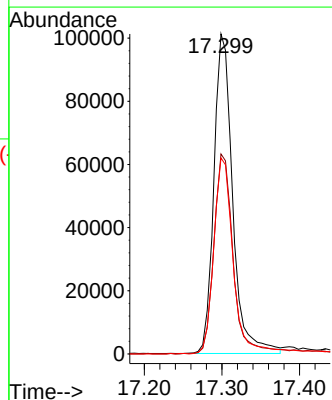
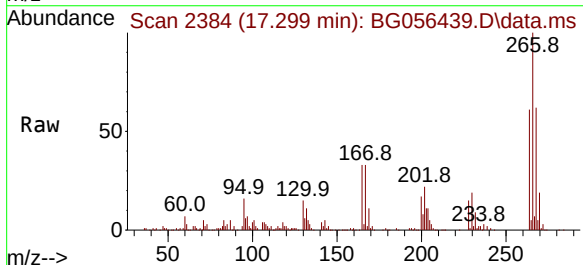
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS

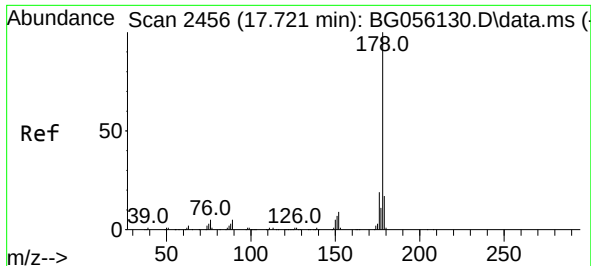
Tgt Ion:200 Resp: 153516
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.0 44.0
 215 52.3 29.1 69.1



#70
 Pentachlorophenol
 Concen: 75.141 ng
 RT: 17.299 min Scan# 2384
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

Tgt Ion:266 Resp: 170195
 Ion Ratio Lower Upper
 266 100
 268 62.5 53.0 79.4
 264 61.3 51.4 77.2

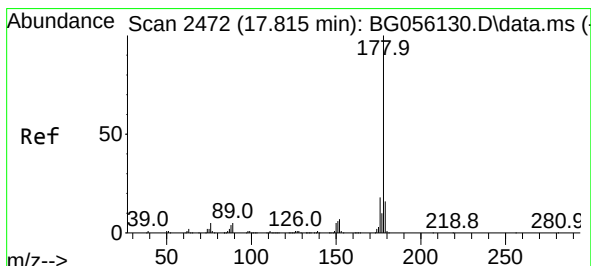
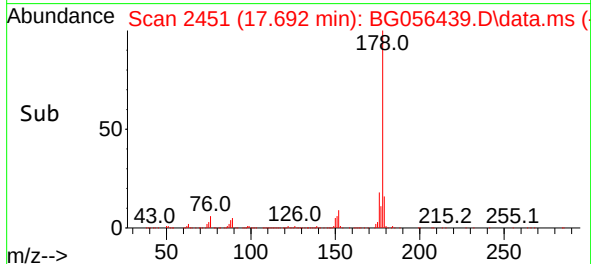
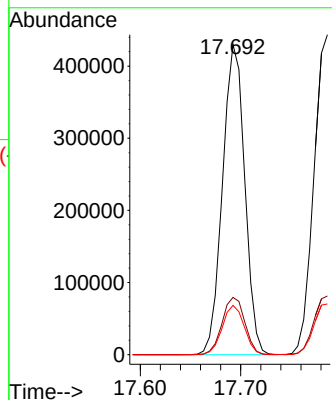
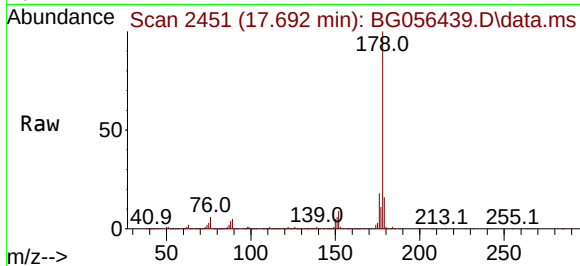




#71
Phenanthrene
Concen: 51.318 ng
RT: 17.692 min Scan# 2456
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

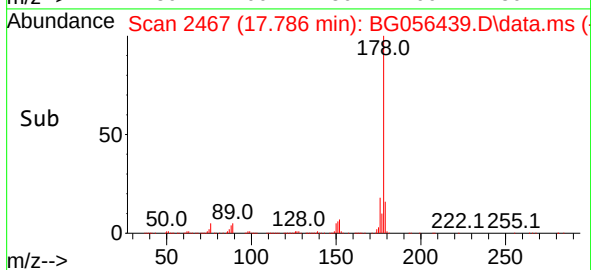
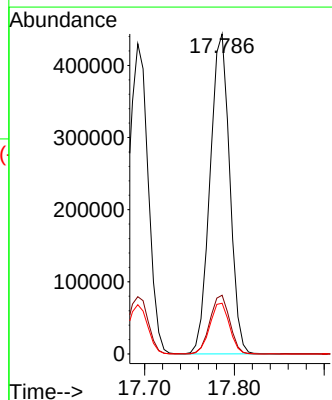
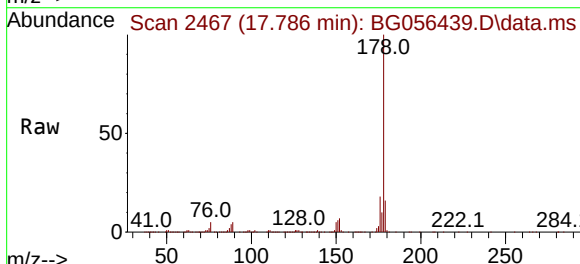
Instrument :
BNA_G
ClientSampleId :
TP-21MS

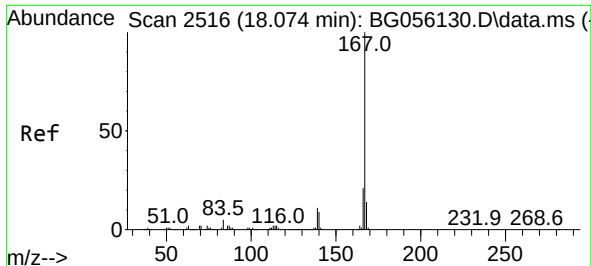
Tgt Ion:178 Resp: 660041
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.9 13.6 20.4



#72
Anthracene
Concen: 50.762 ng
RT: 17.786 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:178 Resp: 673502
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.9 12.7 19.1

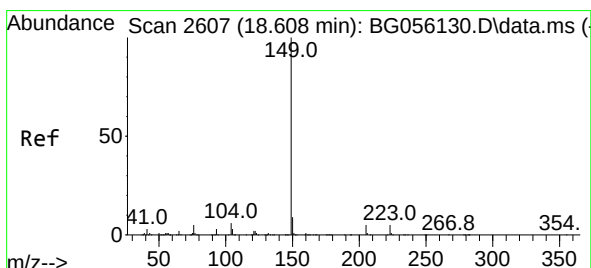
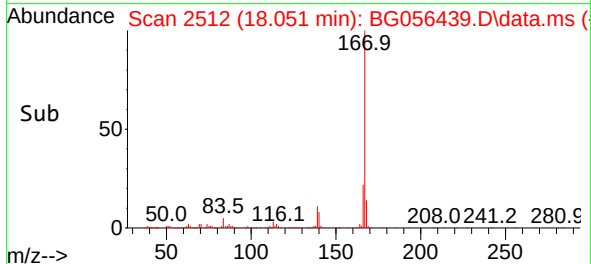
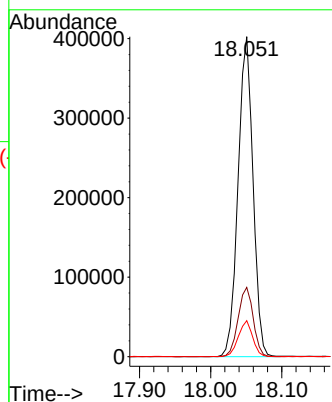
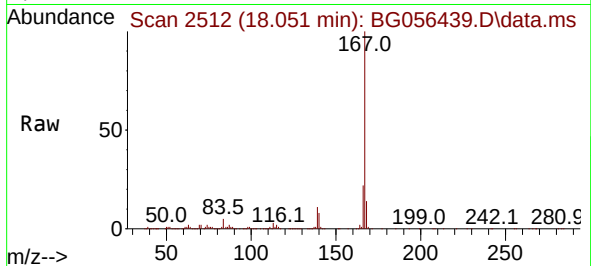




#73
 Carbazole
 Concen: 52.867 ng
 RT: 18.051 min Scan# 2512
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

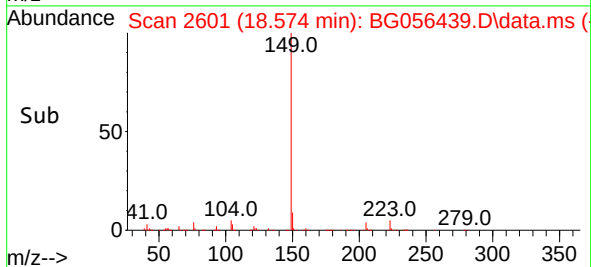
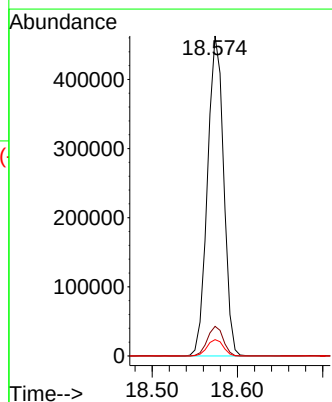
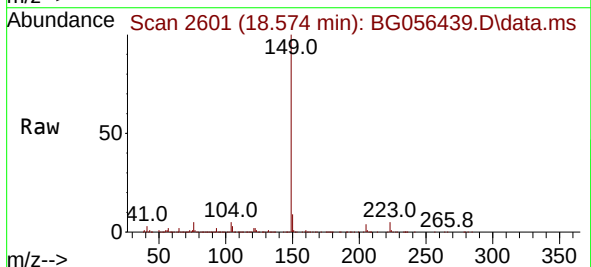
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS

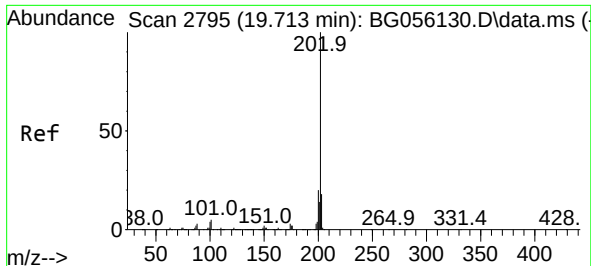
Tgt Ion:167 Resp: 589597
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 11.2 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 54.945 ng
 RT: 18.574 min Scan# 2601
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

Tgt Ion:149 Resp: 610851
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 4.4 6.6

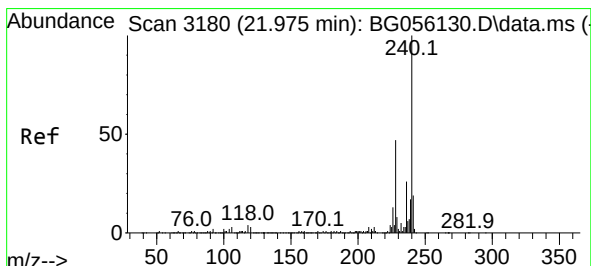
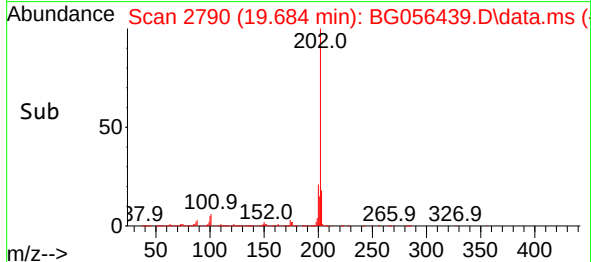
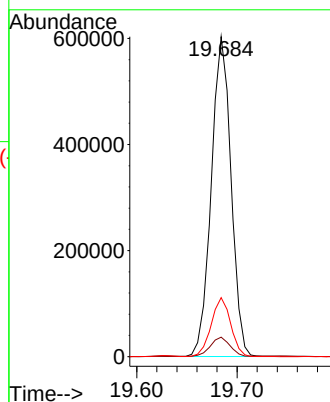
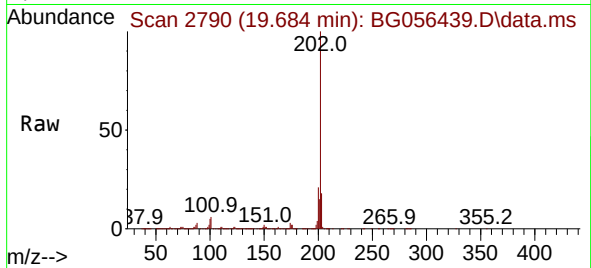




#75
Fluoranthene
Concen: 49.062 ng
RT: 19.684 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

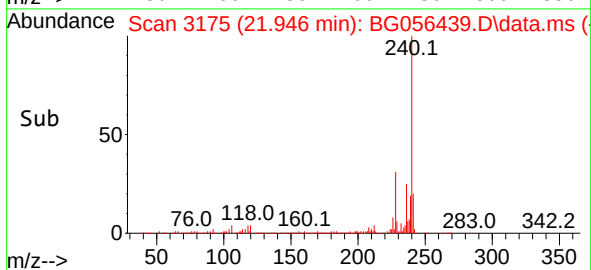
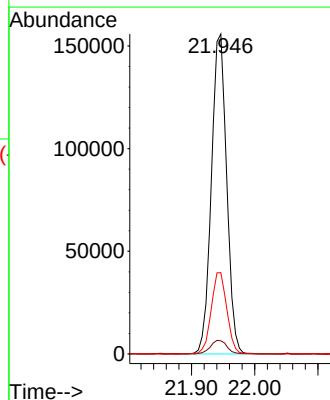
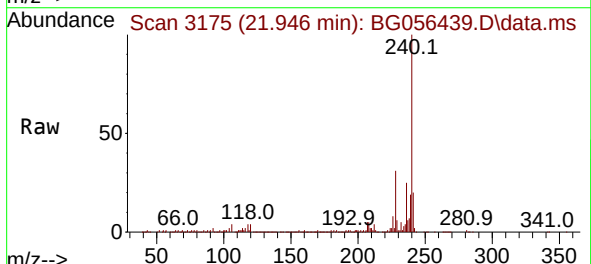
Instrument :
BNA_G
ClientSampleId :
TP-21MS

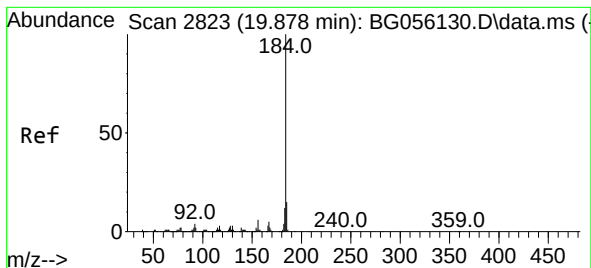
Tgt Ion:202 Resp: 823118
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.0
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.946 min Scan# 3175
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:240 Resp: 261508
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.4 20.8 31.2





#77

Benzidine

Concen: 13.348 ng

RT: 19.849 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

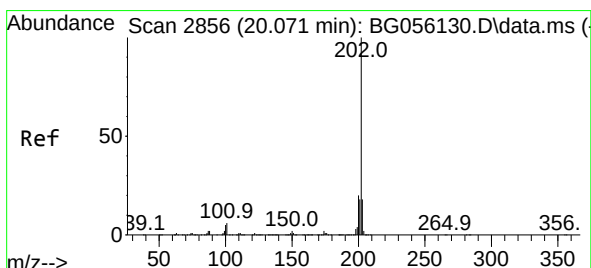
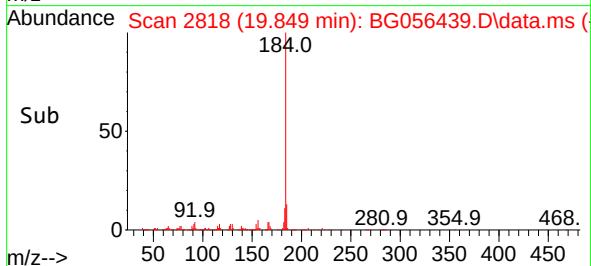
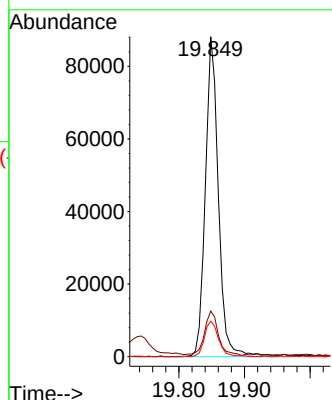
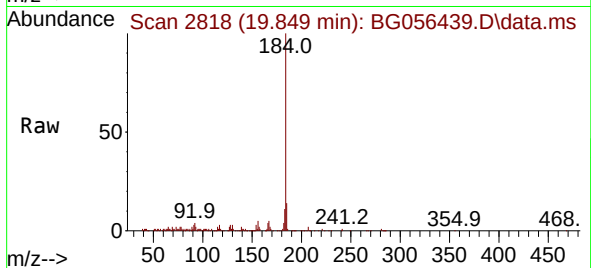
Tgt Ion:184 Resp: 122323

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 11.1 9.4 14.0



#78

Pyrene

Concen: 46.911 ng

RT: 20.043 min Scan# 2851

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

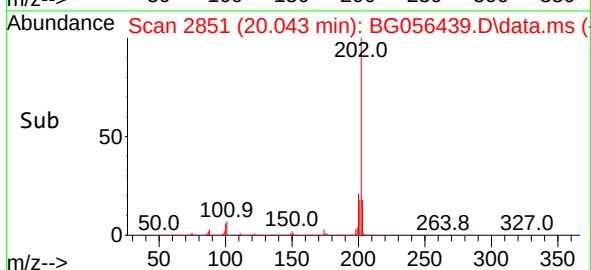
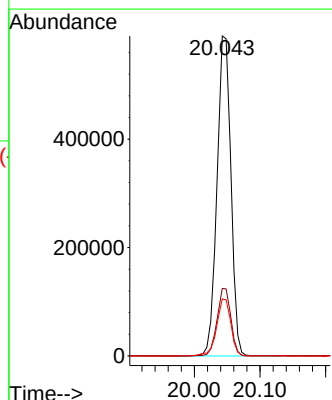
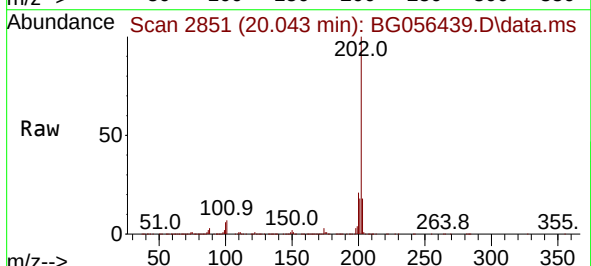
Tgt Ion:202 Resp: 864670

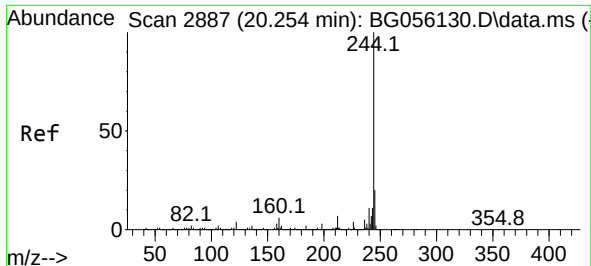
Ion Ratio Lower Upper

202 100

200 21.1 16.4 24.6

203 17.8 14.3 21.5

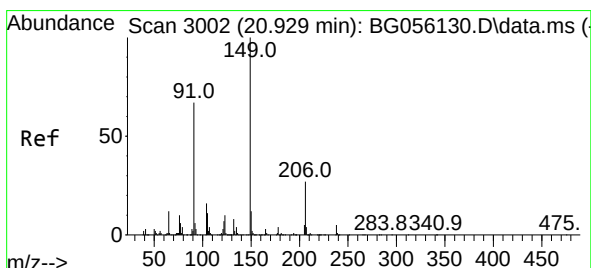
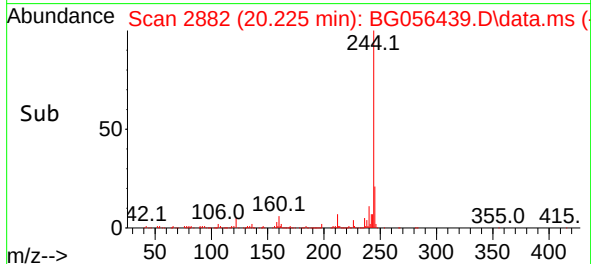
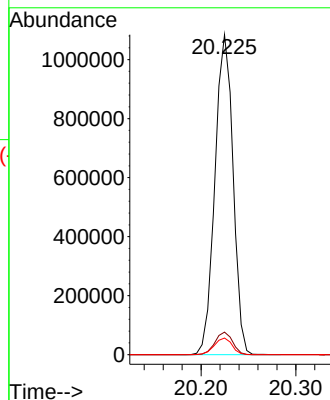
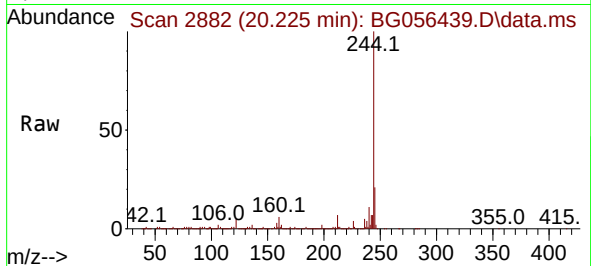




#79
 Terphenyl-d14
 Concen: 98.598 ng
 RT: 20.225 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

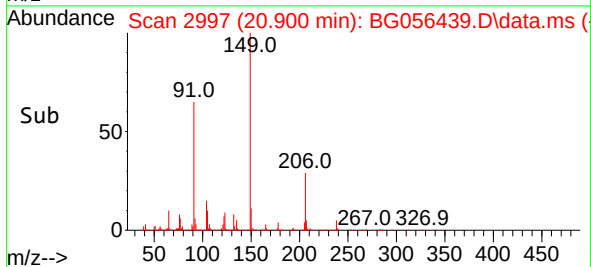
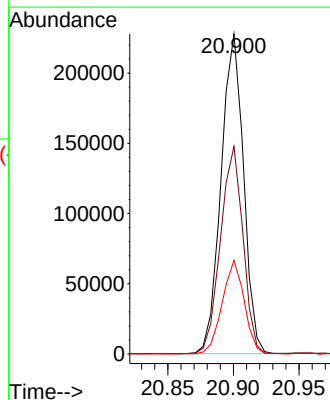
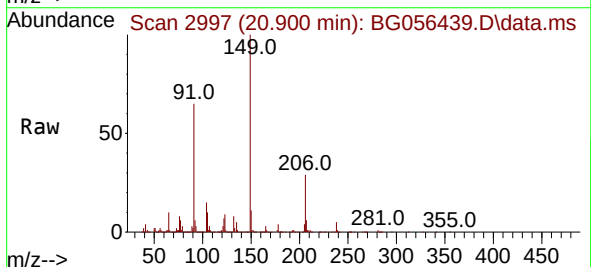
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS

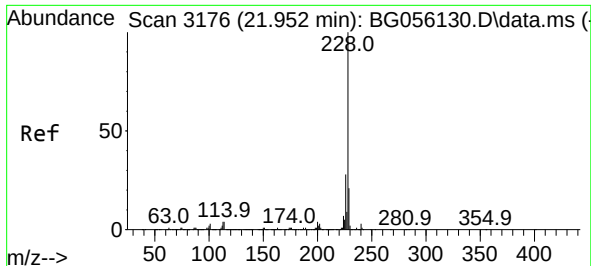
Tgt Ion:244 Resp: 1439613
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.2 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 51.108 ng
 RT: 20.900 min Scan# 2997
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

Tgt Ion:149 Resp: 270261
 Ion Ratio Lower Upper
 149 100
 91 64.8 53.5 80.3
 206 29.3 21.9 32.9

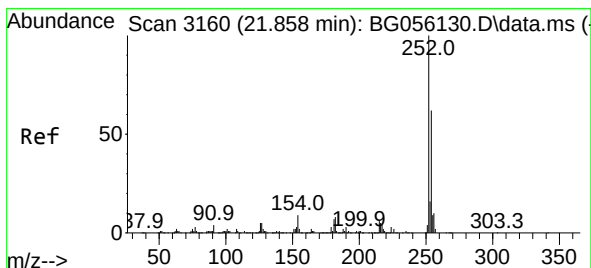
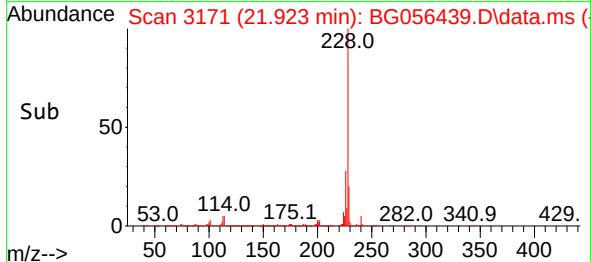
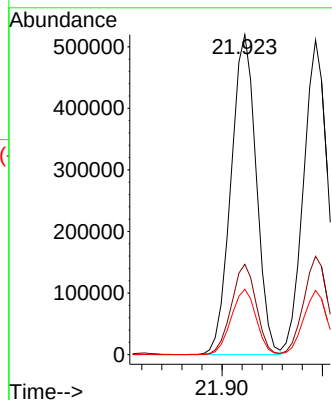
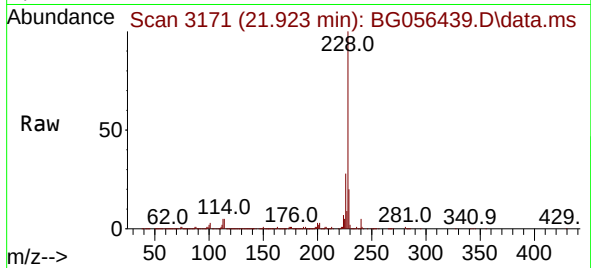




#81
Benzo(a)anthracene
Concen: 49.352 ng
RT: 21.923 min Scan# 3176
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

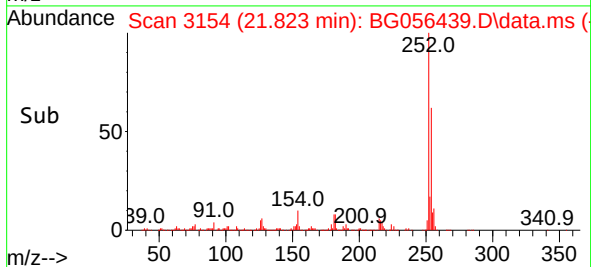
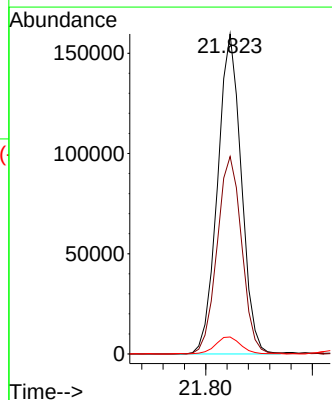
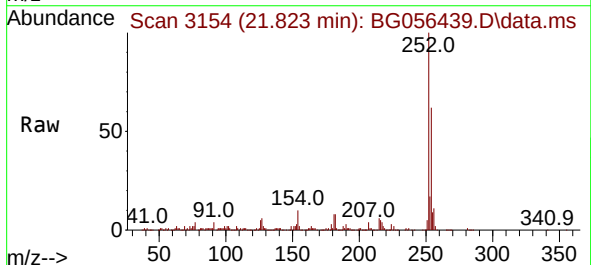
Instrument :
BNA_G
ClientSampleId :
TP-21MS

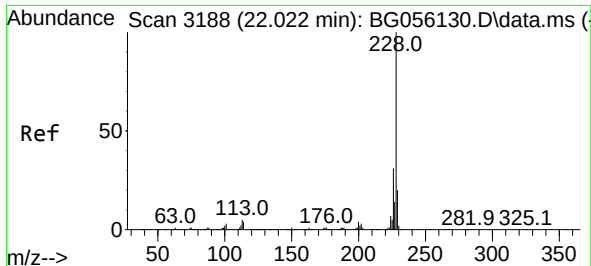
Tgt Ion:228 Resp: 906471
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 37.291 ng
RT: 21.823 min Scan# 3154
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:252 Resp: 246568
Ion Ratio Lower Upper
252 100
254 61.7 49.5 74.3
126 5.3 4.0 6.0





#83

Chrysene

Concen: 49.047 ng

RT: 21.993 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

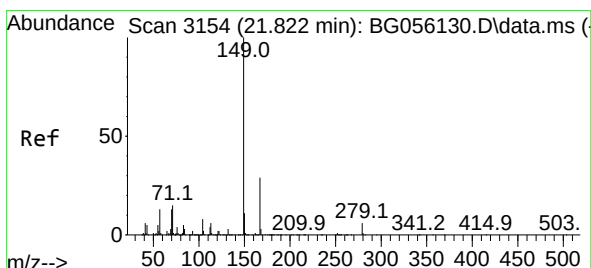
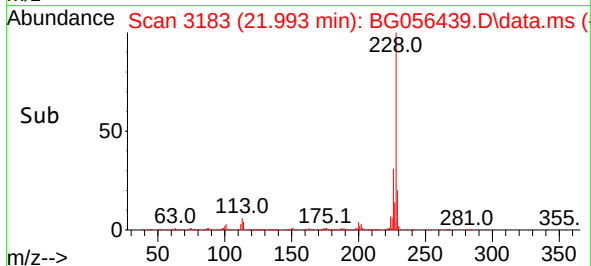
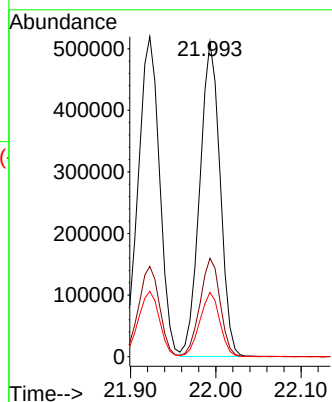
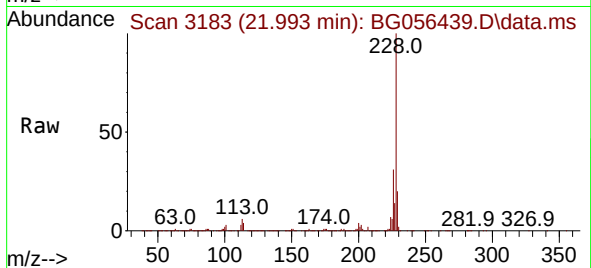
Tgt Ion:228 Resp: 843850

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

229 20.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.992 ng

RT: 21.782 min Scan# 3147

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

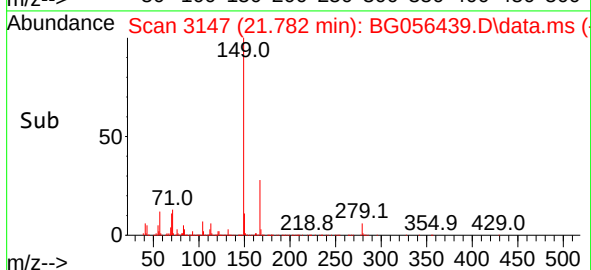
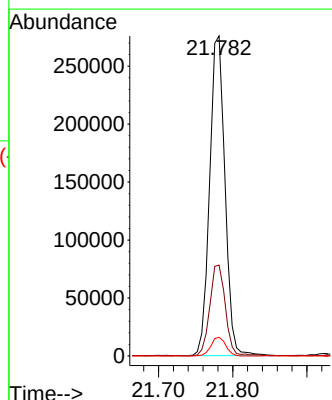
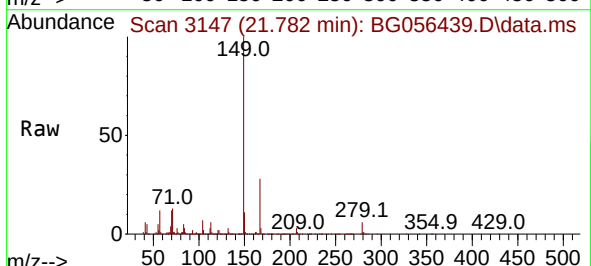
Tgt Ion:149 Resp: 396102

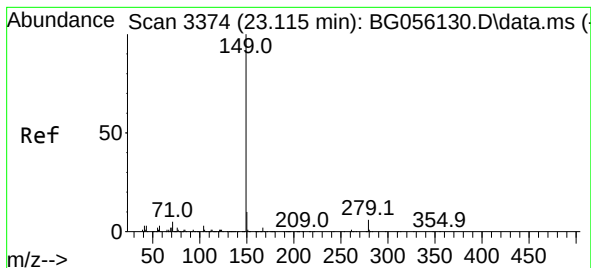
Ion Ratio Lower Upper

149 100

167 28.4 23.4 35.2

279 5.8 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 52.843 ng

RT: 23.057 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

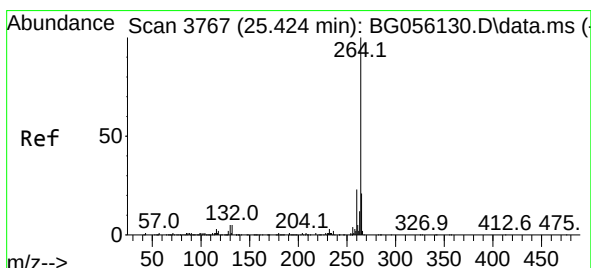
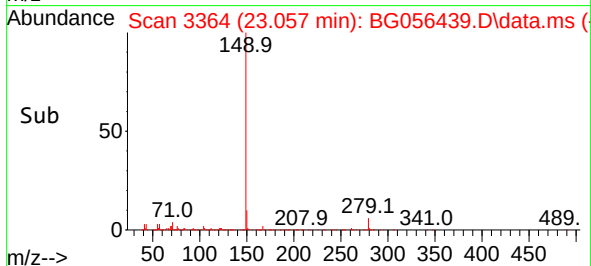
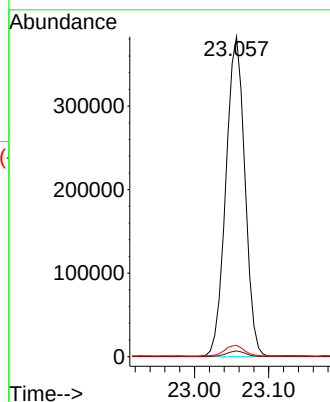
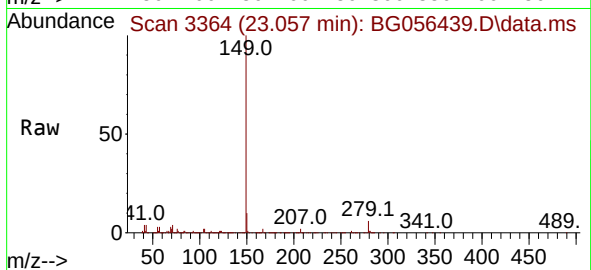
Tgt Ion:149 Resp: 679640

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.5 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.377 min Scan# 3759

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

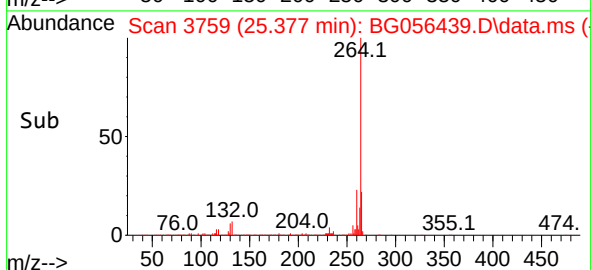
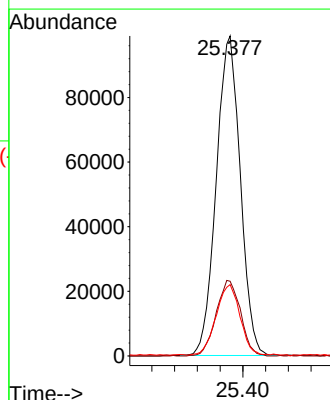
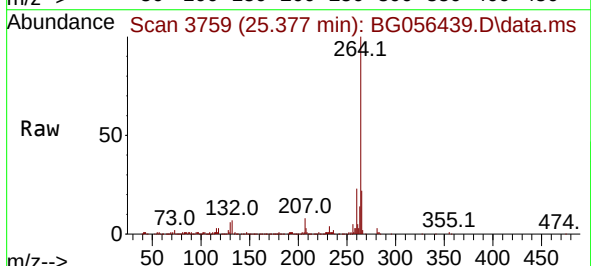
Tgt Ion:264 Resp: 290111

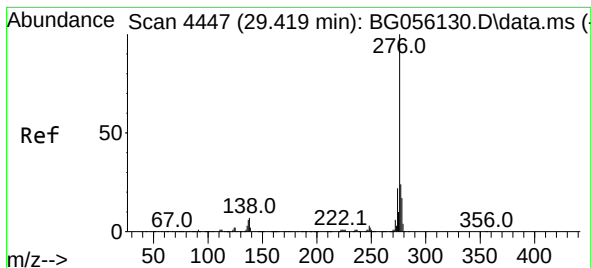
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.902 ng

RT: 29.337 min Scan# 4447

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

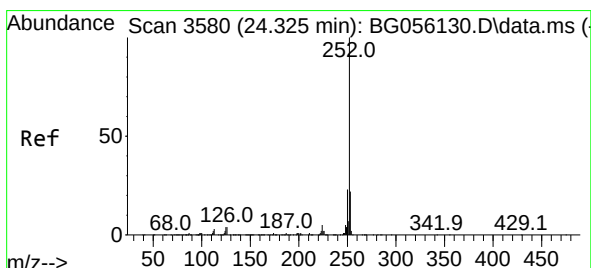
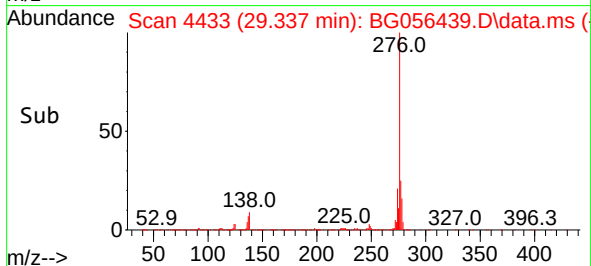
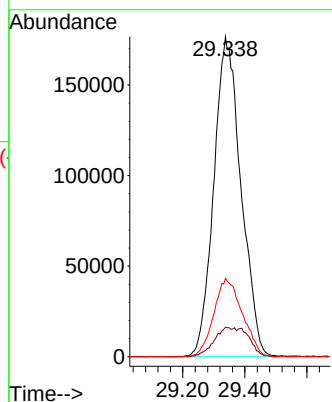
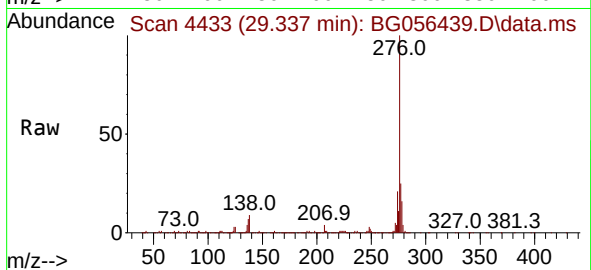
Tgt Ion:276 Resp: 1073971

Ion Ratio Lower Upper

276 100

138 7.3 5.0 7.4

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.732 ng

RT: 24.279 min Scan# 3572

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

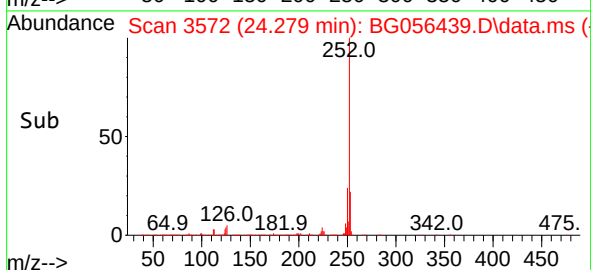
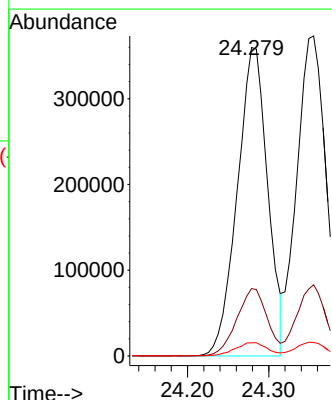
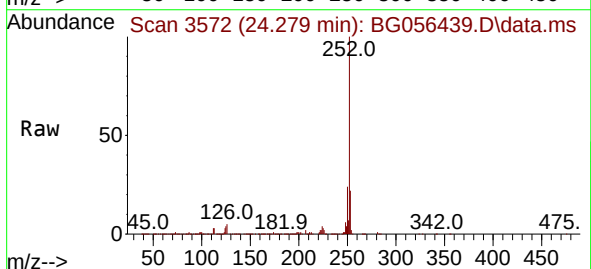
Tgt Ion:252 Resp: 935131

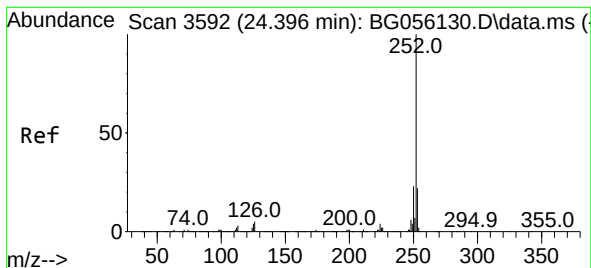
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.3 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 50.584 ng

RT: 24.355 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

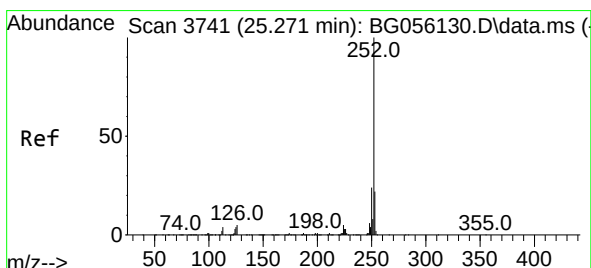
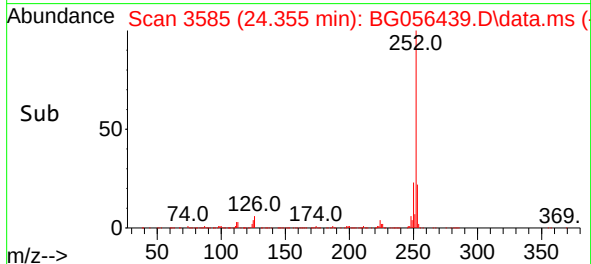
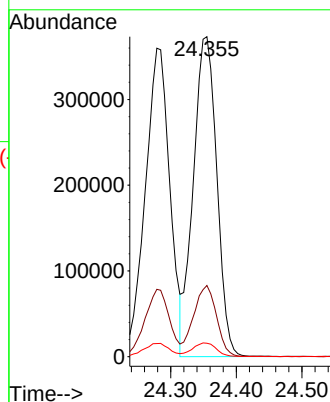
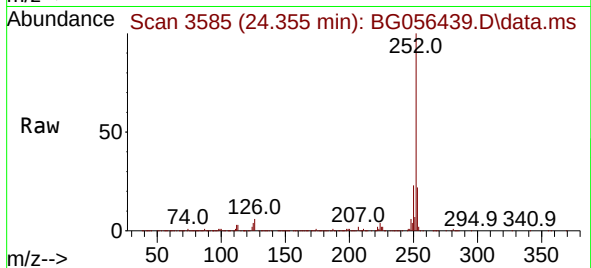
Tgt Ion:252 Resp: 928475

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 4.2 3.4 5.0



#90

Benzo(a)pyrene

Concen: 46.062 ng

RT: 25.219 min Scan# 3732

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

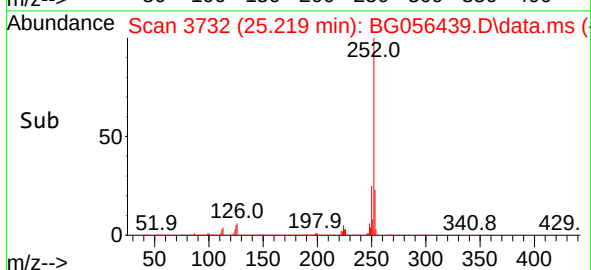
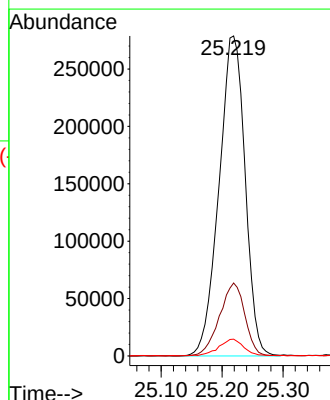
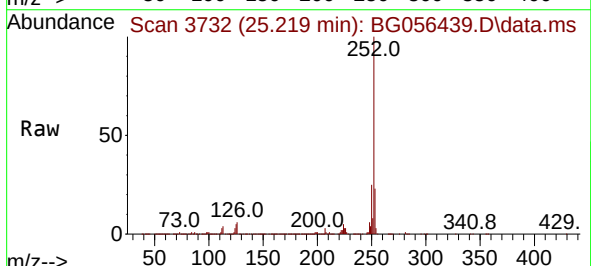
Tgt Ion:252 Resp: 828109

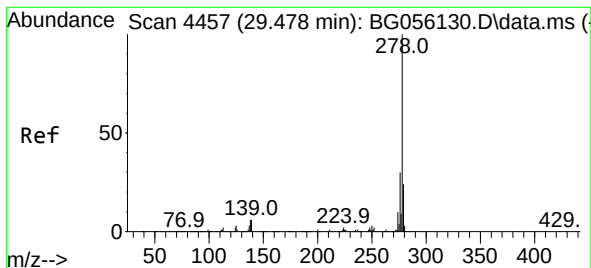
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 5.2 3.2 4.8#





#91

Dibenzo(a,h)anthracene

Concen: 51.218 ng

RT: 29.402 min Scan# 4444

Delta R.T. 0.010 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

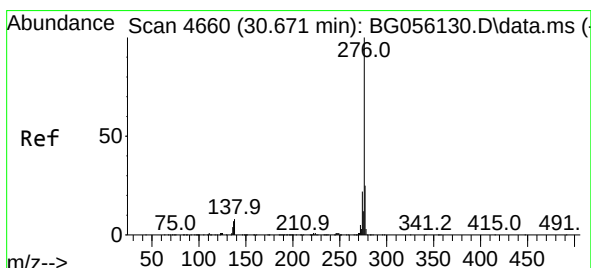
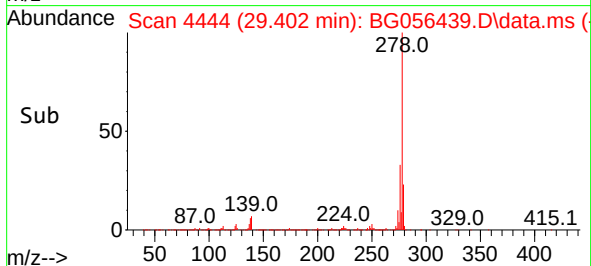
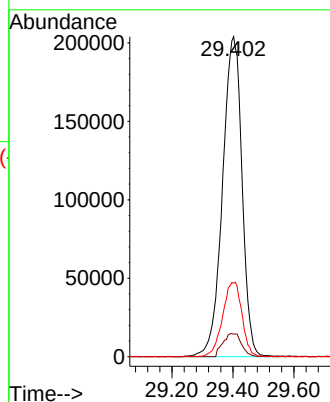
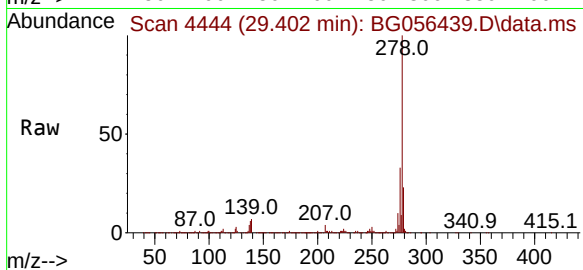
Tgt Ion:278 Resp: 906004

Ion Ratio Lower Upper

278 100

139 7.0 4.8 7.2

279 23.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 51.249 ng

RT: 30.583 min Scan# 4645

Delta R.T. 0.010 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Tgt Ion:276 Resp: 879118

Ion Ratio Lower Upper

276 100

277 24.1 19.7 29.5

138 9.2 6.7 10.1

