

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056188.D
 Acq On : 3 Jan 2023 16:17
 Operator : CG/JU
 Sample : N6224-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MM-4MS

Quant Time: Jan 04 02:13:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	39034	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	149842	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	115217	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	285311	20.000	ng	0.00
76) Chrysene-d12	21.986	240	259776	20.000	ng	# 0.00
86) Perylene-d12	25.446	264	282699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	428709	196.100	ng	0.02
7) Phenol-d6	7.479	99	594335	177.026	ng	0.01
23) Nitrobenzene-d5	9.518	82	315154	107.584	ng	0.01
42) 2,4,6-Tribromophenol	16.427	330	253823	173.946	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	983466	117.870	ng	0.00
79) Terphenyl-d14	20.258	244	1760776	121.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.678	88	52964	53.041	ng	98
3) Pyridine	4.095	79	139516	45.873	ng	96
4) n-Nitrosodimethylamine	4.007	42	33670	54.423	ng	99
6) Aniline	7.655	93	176573	40.105	ng	97
8) 2-Chlorophenol	7.902	128	146237	67.221	ng	94
9) Benzaldehyde	7.461	77	83464	41.810	ng	93
10) Phenol	7.503	94	208709	61.298	ng	97
11) bis(2-Chloroethyl)ether	7.743	93	131098	56.818	ng	95
12) 1,3-Dichlorobenzene	8.231	146	169302	63.944	ng	90
13) 1,4-Dichlorobenzene	8.378	146	169735	63.840	ng	98
14) 1,2-Dichlorobenzene	8.701	146	166722	64.988	ng	98
15) Benzyl Alcohol	8.572	79	136407	55.826	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	24937	61.159	ng	91
17) 2-Methylphenol	8.772	107	145128	58.089	ng	96
18) Hexachloroethane	9.441	117	52810	65.383	ng	92
19) n-Nitroso-di-n-propyla...	9.142	70	98772	48.381	ng	# 96
20) 3+4-Methylphenols	9.101	107	195500	55.658	ng	95
22) Acetophenone	9.165	105	230824	54.481	ng	98
24) Nitrobenzene	9.559	77	152952	52.687	ng	95
25) Isophorone	10.076	82	294879	47.843	ng	# 94
26) 2-Nitrophenol	10.270	139	88752	59.752	ng	98
27) 2,4-Dimethylphenol	10.317	122	160821	59.363	ng	98
28) bis(2-Chloroethoxy)met...	10.552	93	174671	54.527	ng	99
29) 2,4-Dichlorophenol	10.810	162	180533	60.276	ng	99
30) 1,2,4-Trichlorobenzene	11.028	180	200918	59.114	ng	99
31) Naphthalene	11.222	128	448730	56.902	ng	99
32) Benzoic acid	10.446	122	112543	55.989	ng	97
33) 4-Chloroaniline	11.322	127	99801	26.507	ng	99
34) Hexachlorobutadiene	11.498	225	144727	59.205	ng	92
35) Caprolactam	12.091	113	40686	40.123	ng	93
36) 4-Chloro-3-methylphenol	12.414	107	164946	54.273	ng	99
37) 2-Methylnaphthalene	12.802	142	346674	52.064	ng	98
38) 1-Methylnaphthalene	13.020	142	320546	51.840	ng	96
40) 1,2,4,5-Tetrachloroben...	13.161	216	265532	61.490	ng	99
41) Hexachlorocyclopentadiene	13.137	237	341621	138.759	ng	96
43) 2,4,6-Trichlorophenol	13.390	196	177286	62.087	ng	99

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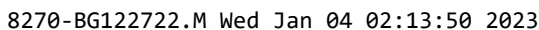
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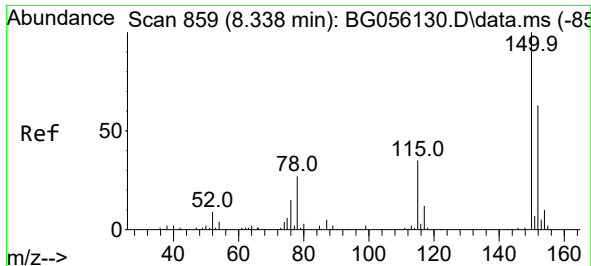
Quant Time: Jan 04 02:13:42 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.466	196	191699	56.753	ng	99
46) 1,1'-Biphenyl	13.789	154	498169	60.373	ng	98
47) 2-Chloronaphthalene	13.836	162	401851	61.700	ng	98
48) 2-Nitroaniline	14.030	65	78855	56.825	ng	99
49) Acenaphthylene	14.676	152	606484	57.222	ng	100
50) Dimethylphthalate	14.389	163	505230	54.320	ng	98
51) 2,6-Dinitrotoluene	14.512	165	113029	57.031	ng	97
52) Acenaphthene	15.017	154	390543	56.655	ng	98
53) 3-Nitroaniline	14.847	138	78117	41.416	ng	96
54) 2,4-Dinitrophenol	15.047	184	166724	117.757	ng	95
55) Dibenzofuran	15.346	168	640500	56.149	ng	97
56) 4-Nitrophenol	15.135	139	168136	115.905	ng	98
57) 2,4-Dinitrotoluene	15.293	165	156197	56.354	ng	92
58) Fluorene	15.993	166	507394	55.302	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.481	232	185070	58.353	ng	98
60) Diethylphthalate	15.740	149	464788	53.286	ng	99
61) 4-Chlorophenyl-phenyle...	15.969	204	314068	54.852	ng	96
62) 4-Nitroaniline	16.004	138	102683	53.146	ng	95
63) Azobenzene	16.263	77	357985	53.184	ng	98
65) 4,6-Dinitro-2-methylph...	16.057	198	109626	57.030	ng	94
66) n-Nitrosodiphenylamine	16.186	169	465919	58.857	ng	96
67) 4-Bromophenyl-phenylether	16.862	248	210693	57.992	ng	96
68) Hexachlorobenzene	16.991	284	212712	62.753	ng	98
69) Atrazine	17.121	200	197018	60.053	ng	98
70) Pentachlorophenol	17.332	266	284093	109.106	ng	100
71) Phenanthrene	17.732	178	857047	57.964	ng	98
72) Anthracene	17.820	178	872136	57.180	ng	99
73) Carbazole	18.084	167	744901	58.101	ng	98
74) Di-n-butylphthalate	18.613	149	739717	57.879	ng	100
75) Fluoranthene	19.718	202	1030723	53.442	ng	99
77) Benzidine	19.882	184	533754	58.631	ng	99
78) Pyrene	20.076	202	1049542	57.320	ng	99
80) Butylbenzylphthalate	20.940	149	303033	57.687	ng	98
81) Benzo(a)anthracene	21.962	228	1042838	57.155	ng	99
82) 3,3'-Dichlorobenzidine	21.862	252	257607	39.221	ng	100
83) Chrysene	22.038	228	974537	57.020	ng	99
84) Bis(2-ethylhexyl)phtha...	21.827	149	433164	57.236	ng	100
85) Di-n-octyl phthalate	23.119	149	734321	57.476	ng	100
87) Indeno(1,2,3-cd)pyrene	29.430	276	1227204	59.690	ng	# 97
88) Benzo(b)fluoranthene	24.342	252	1091116	60.747	ng	99
89) Benzo(k)fluoranthene	24.418	252	1060321	59.282	ng	99
90) Benzo(a)pyrene	25.282	252	957746	54.669	ng	99
91) Dibenzo(a,h)anthracene	29.512	278	1040677	60.374	ng	99
92) Benzo(g,h,i)perylene	30.693	276	988646	59.145	ng	97

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

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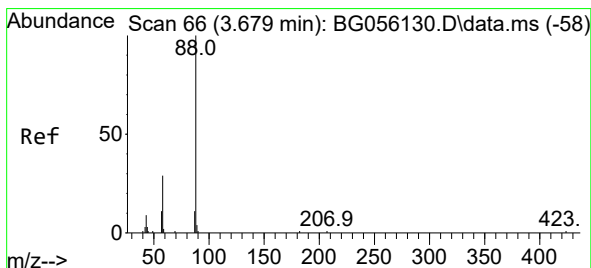
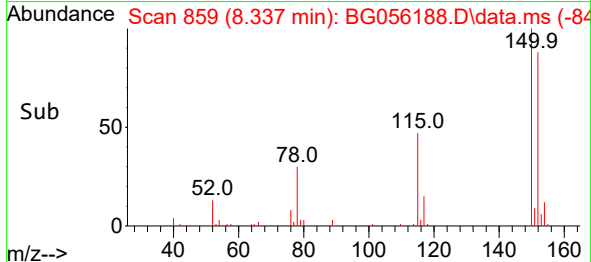
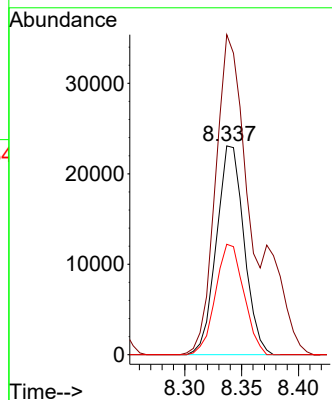
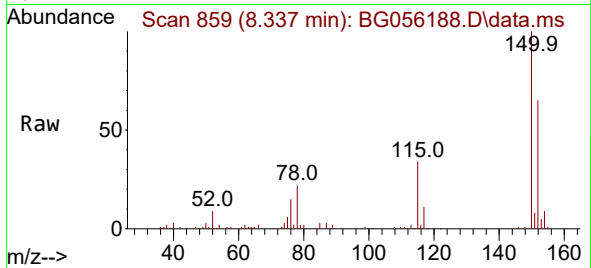




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.337 min Scan# 859
 Delta R.T. -0.001 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

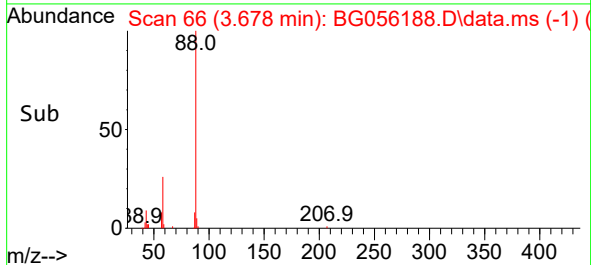
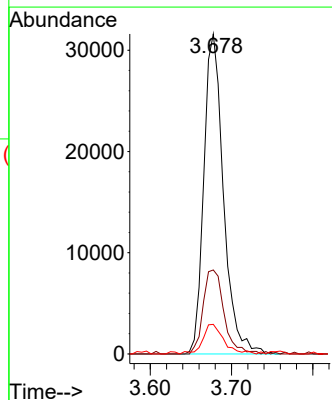
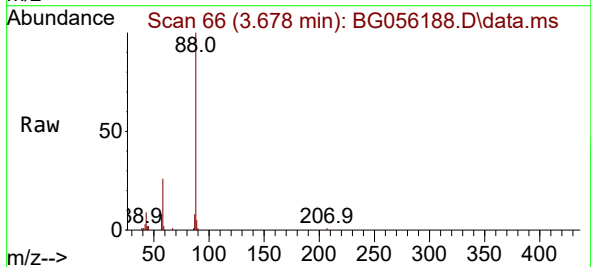
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 MM-4MS

Tgt Ion:152 Resp: 39034
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.9 191.9
 115 52.9 44.2 66.2



#2
 1,4-Dioxane
 Concen: 53.041 ng
 RT: 3.678 min Scan# 66
 Delta R.T. 0.005 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

Tgt Ion: 88 Resp: 52964
 Ion Ratio Lower Upper
 88 100
 58 27.8 21.4 32.0
 43 9.8 7.1 10.7

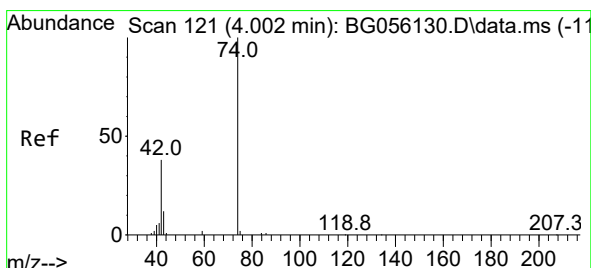
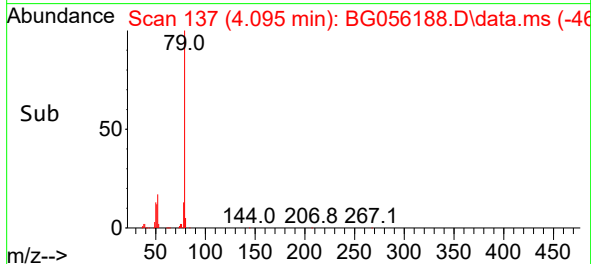
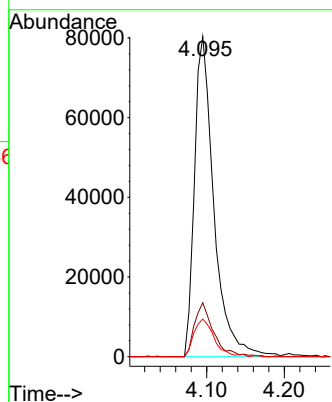
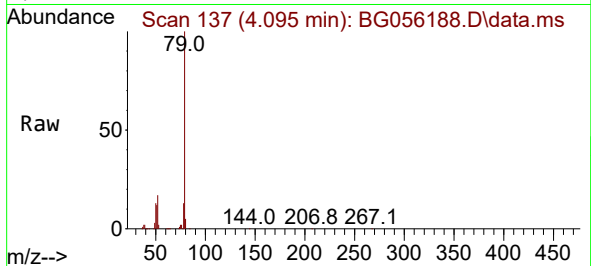




#3
 Pyridine
 Concen: 45.873 ng
 RT: 4.095 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

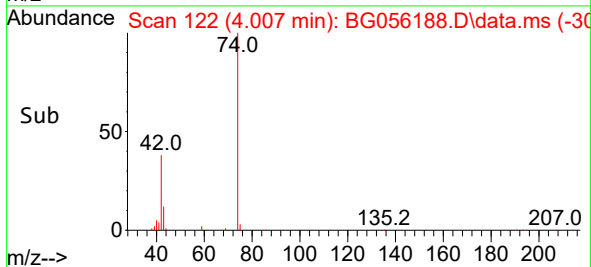
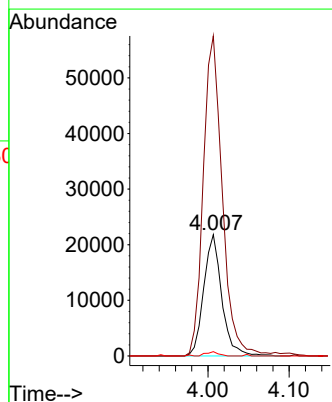
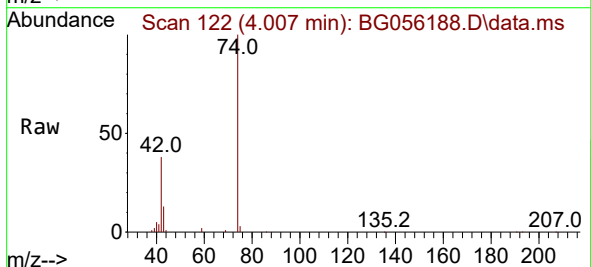
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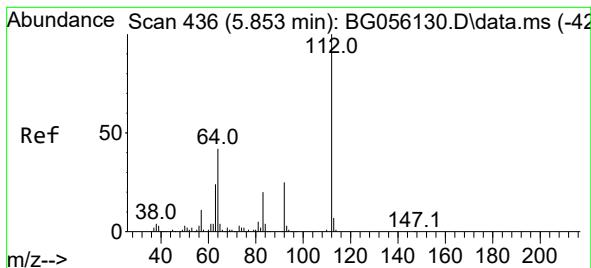
Tgt Ion: 79 Resp: 139516
 Ion Ratio Lower Upper
 79 100
 52 16.9 11.8 17.6
 51 11.8 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 54.423 ng
 RT: 4.007 min Scan# 122
 Delta R.T. 0.010 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

Tgt Ion: 42 Resp: 33670
 Ion Ratio Lower Upper
 42 100
 74 264.0 212.6 319.0
 44 3.5 2.6 3.8

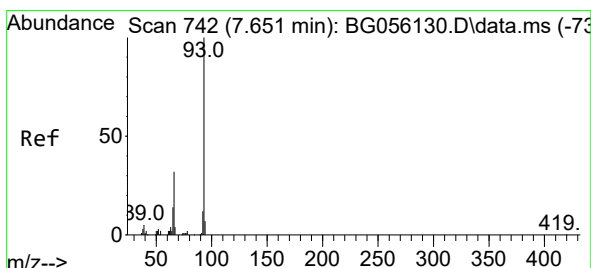
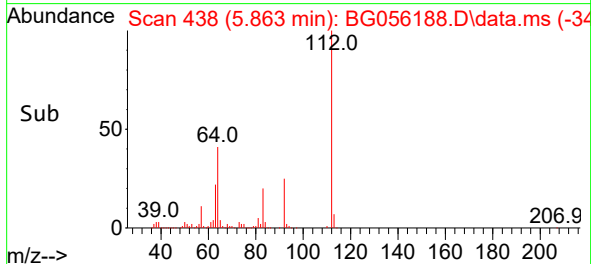
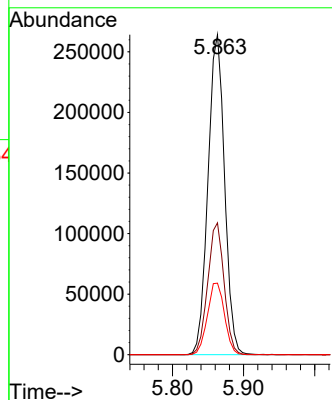
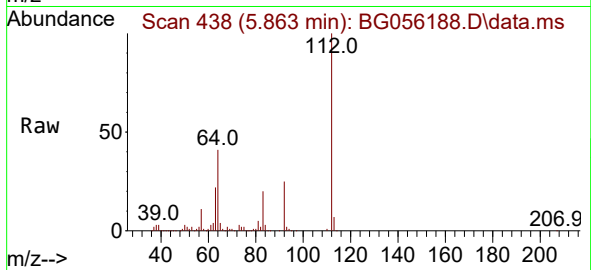




#5
2-Fluorophenol
Concen: 196.100 ng
RT: 5.863 min Scan# 41
Delta R.T. 0.016 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

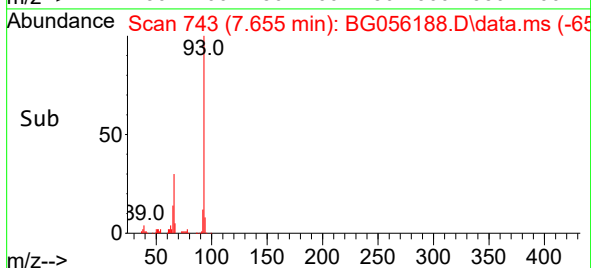
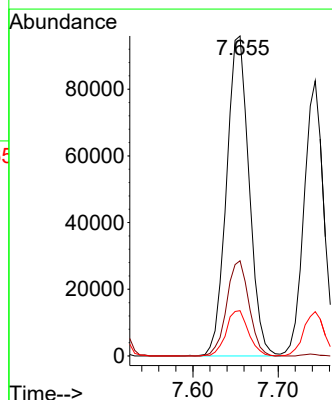
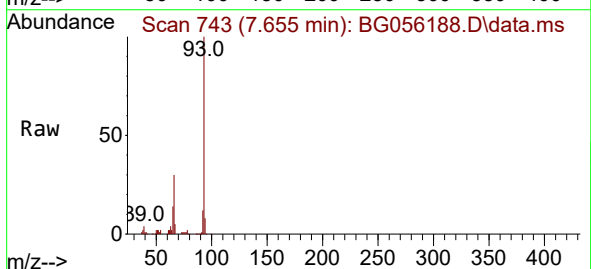
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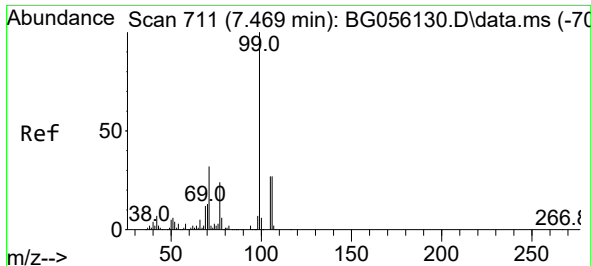
Tgt Ion:112 Resp: 428709
Ion Ratio Lower Upper
112 100
64 41.2 33.3 49.9
63 22.4 19.0 28.4



#6
Aniline
Concen: 40.105 ng
RT: 7.655 min Scan# 743
Delta R.T. 0.010 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 93 Resp: 176573
Ion Ratio Lower Upper
93 100
66 29.8 25.4 38.2
65 14.2 11.4 17.2

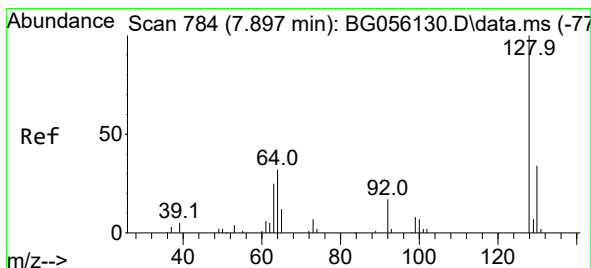
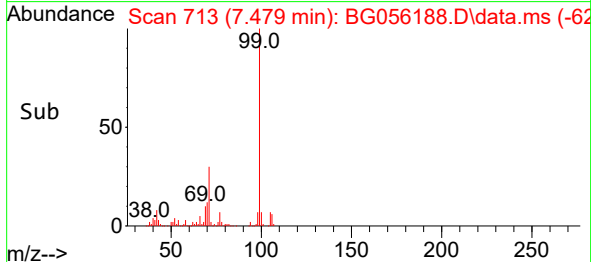
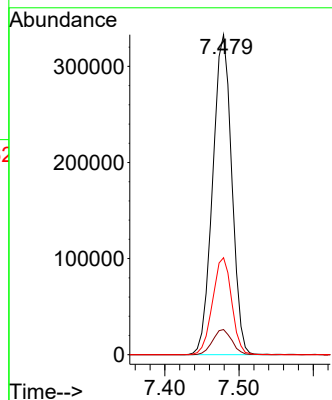
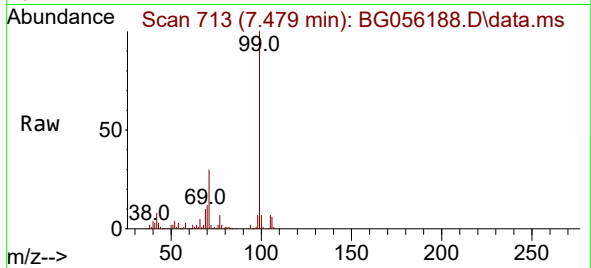




#7
Phenol-d6
Concen: 177.026 ng
RT: 7.479 min Scan# 711
Delta R.T. 0.010 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

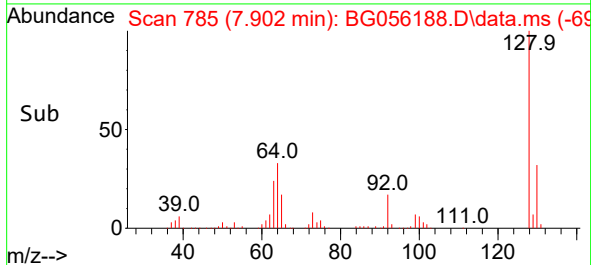
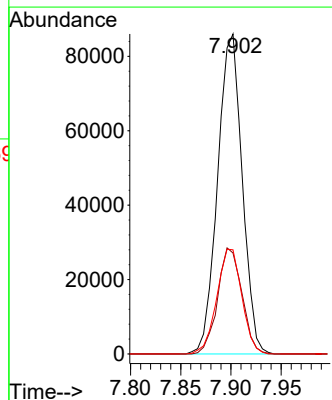
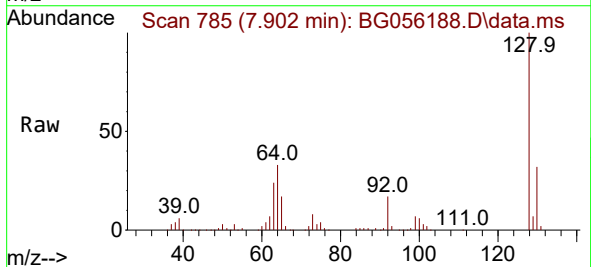
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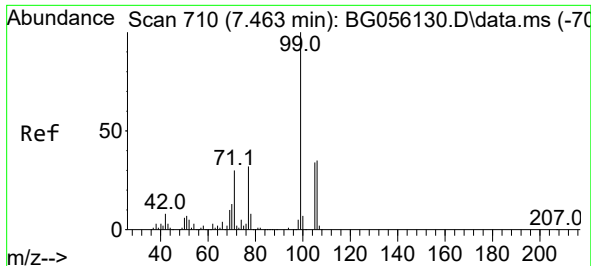
Tgt Ion: 99 Resp: 594335
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.3 25.4 38.2



#8
2-Chlorophenol
Concen: 67.221 ng
RT: 7.902 min Scan# 785
Delta R.T. 0.010 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 128 Resp: 146237
Ion Ratio Lower Upper
128 100
130 31.5 13.5 53.5
64 32.5 18.0 58.0

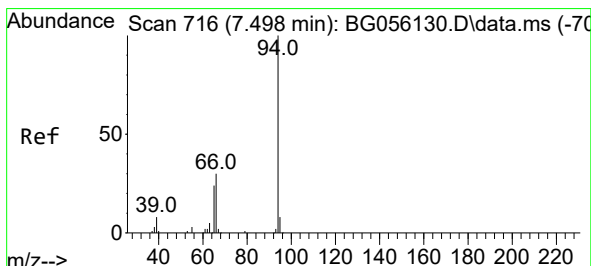
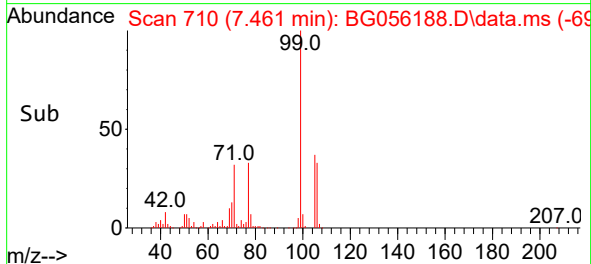
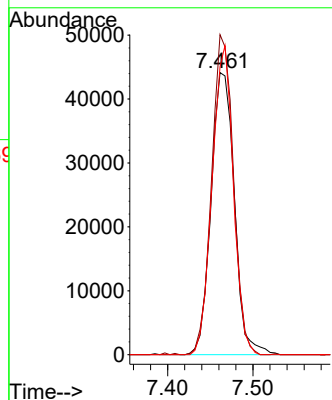
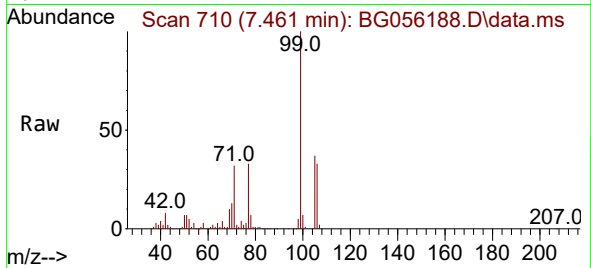




#9
Benzaldehyde
Concen: 41.810 ng
RT: 7.461 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

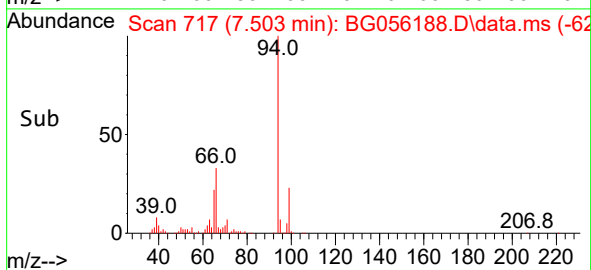
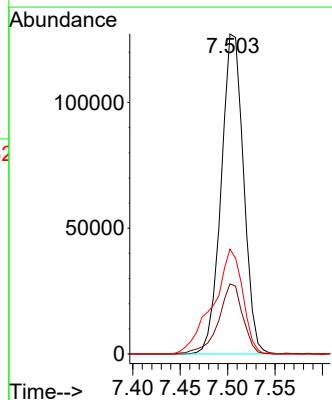
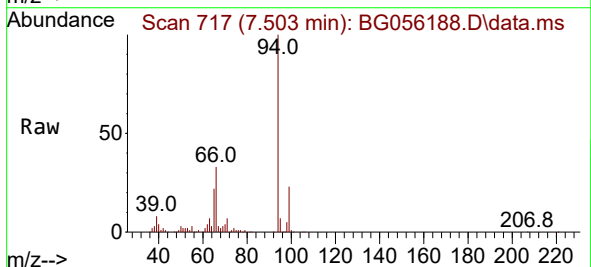
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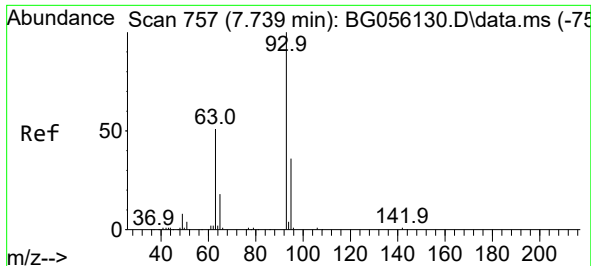
Tgt Ion: 77 Resp: 83464
Ion Ratio Lower Upper
77 100
105 113.4 86.8 126.8
106 102.1 89.3 129.3



#10
Phenol
Concen: 61.298 ng
RT: 7.503 min Scan# 717
Delta R.T. 0.010 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 94 Resp: 208709
Ion Ratio Lower Upper
94 100
65 21.9 4.3 44.3
66 32.8 13.2 53.2

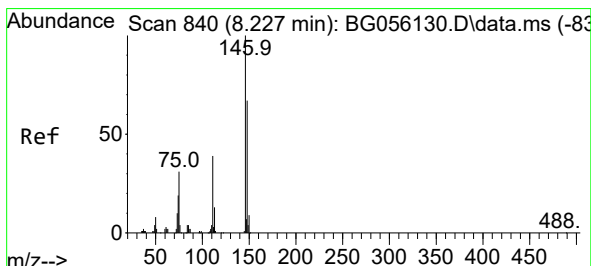
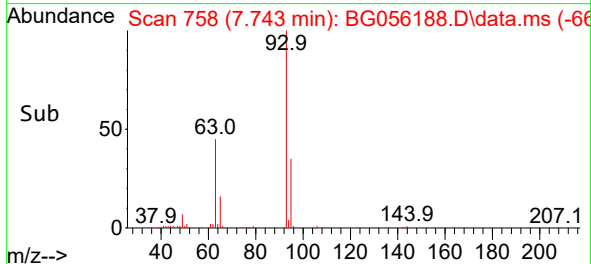
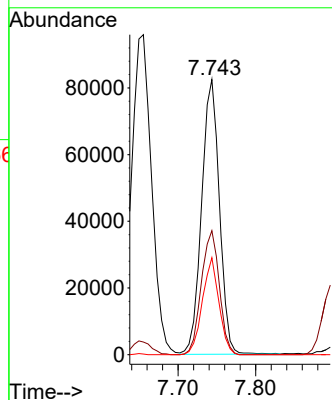
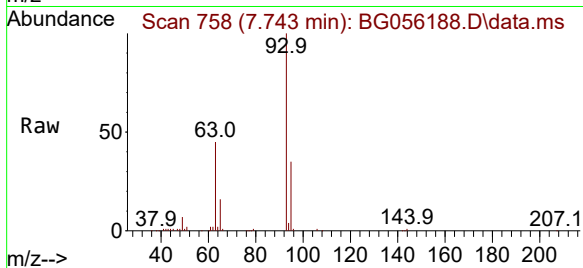




#11
bis(2-Chloroethyl)ether
Concen: 56.818 ng
RT: 7.743 min Scan# 757
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

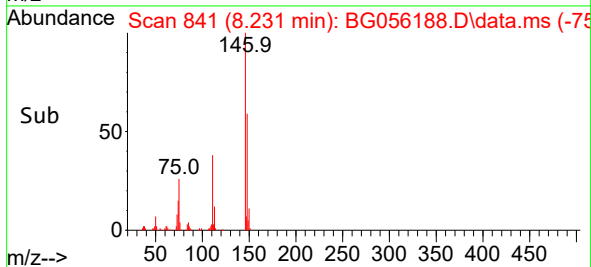
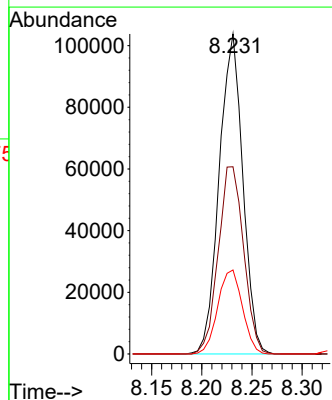
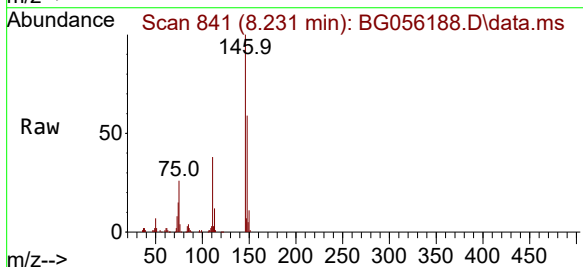
Instrument :
BNA_G
ClientSampleId :
MM-4MS

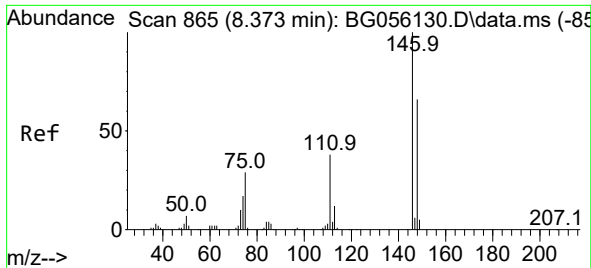
Tgt Ion: 93 Resp: 131098
Ion Ratio Lower Upper
93 100
63 45.1 30.5 70.5
95 35.2 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 63.944 ng
RT: 8.231 min Scan# 841
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 146 Resp: 169302
Ion Ratio Lower Upper
146 100
148 58.5 53.5 80.3
75 26.3 24.8 37.2

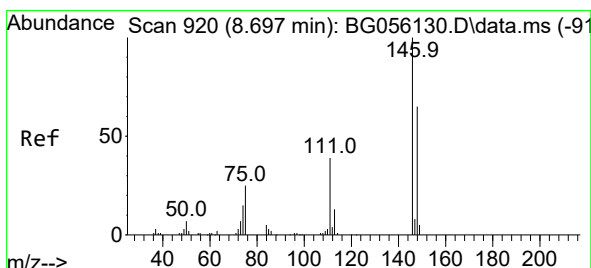
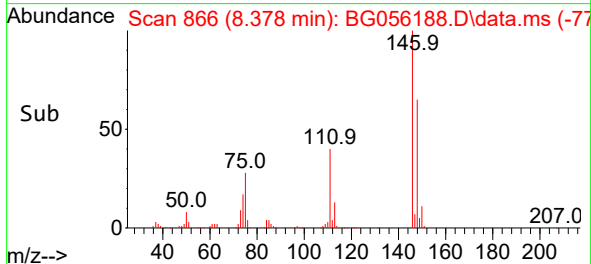
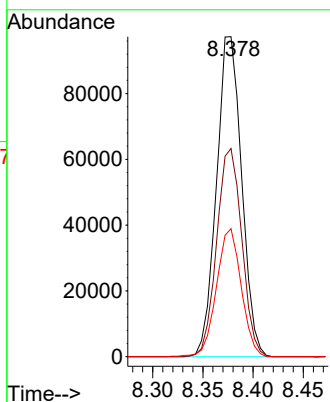
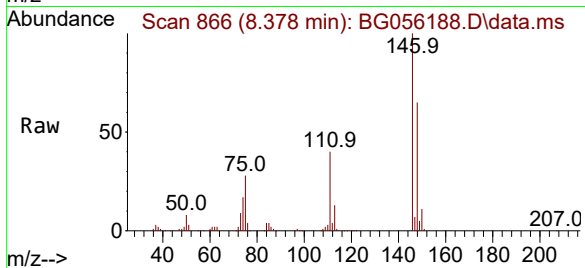




#13
1,4-Dichlorobenzene
Concen: 63.840 ng
RT: 8.378 min Scan# 865
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

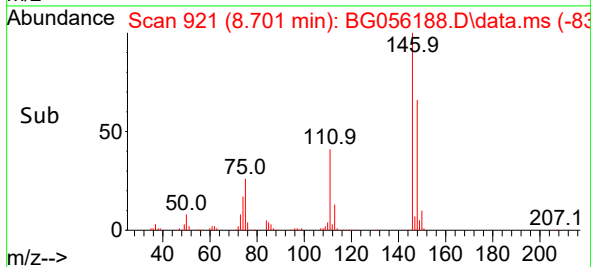
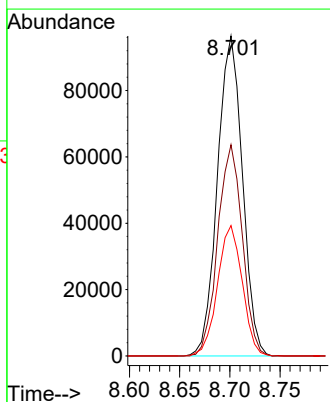
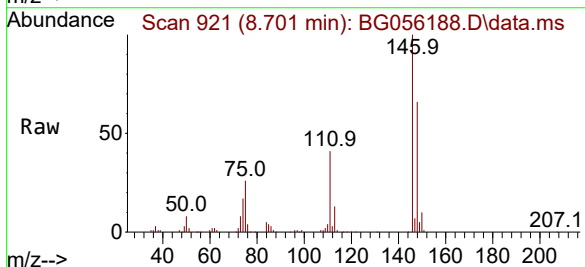
Instrument :
BNA_G
ClientSampleId :
MM-4MS

Tgt Ion:146 Resp: 169735
Ion Ratio Lower Upper
146 100
148 65.0 52.8 79.2
111 40.0 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 64.988 ng
RT: 8.701 min Scan# 921
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:146 Resp: 166722
Ion Ratio Lower Upper
146 100
148 66.0 51.7 77.5
111 40.8 31.5 47.3

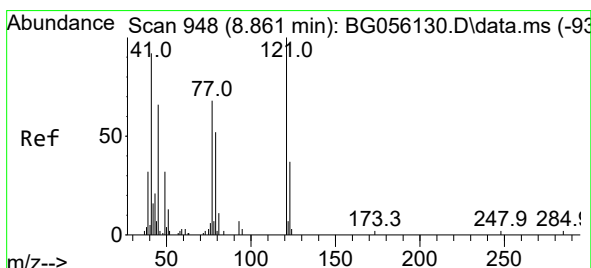
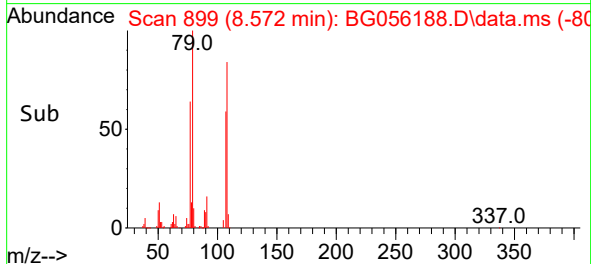
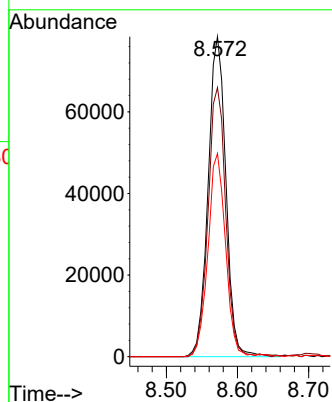
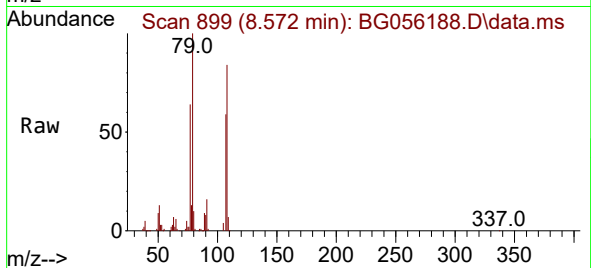




#15
Benzyl Alcohol
Concen: 55.826 ng
RT: 8.572 min Scan# 899
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

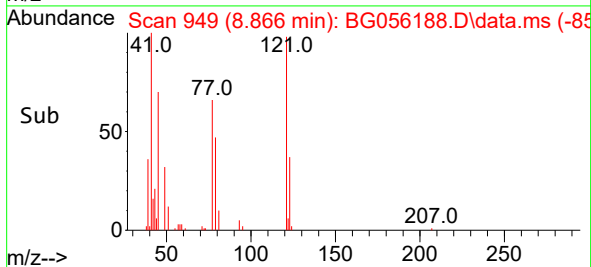
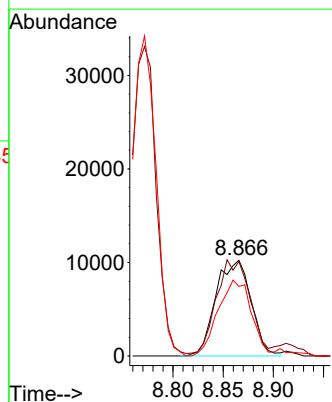
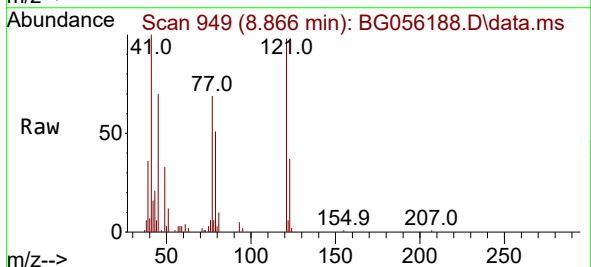
Instrument :
BNA_G
ClientSampleId :
MM-4MS

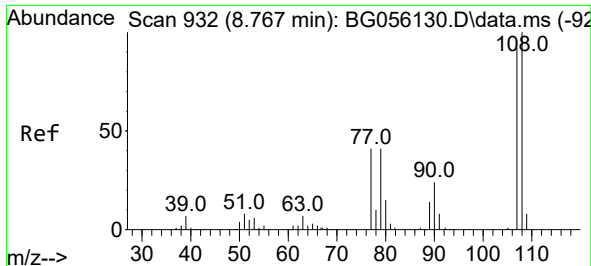
Tgt Ion: 79 Resp: 136407
Ion Ratio Lower Upper
79 100
108 84.1 64.7 97.1
77 63.5 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.159 ng
RT: 8.866 min Scan# 949
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 45 Resp: 24937
Ion Ratio Lower Upper
45 100
77 98.7 88.2 128.2
79 72.8 61.2 101.2

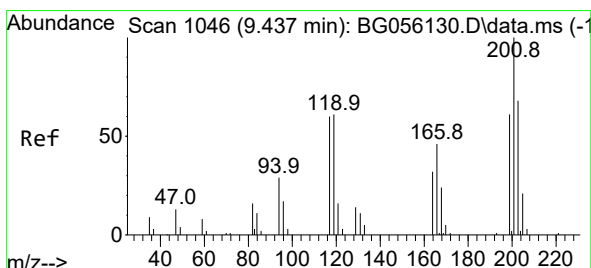
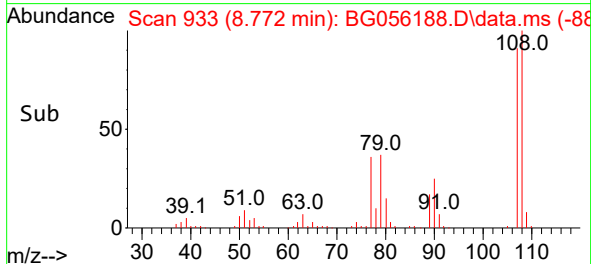
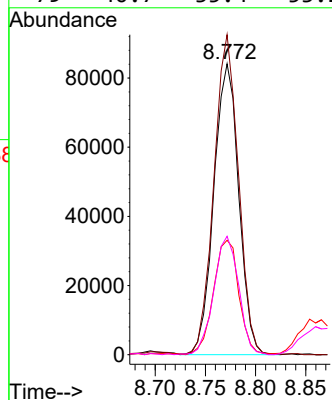
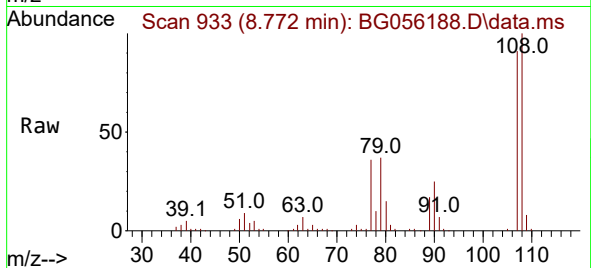




#17
2-Methylphenol
Concen: 58.089 ng
RT: 8.772 min Scan# 91
Delta R.T. 0.010 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

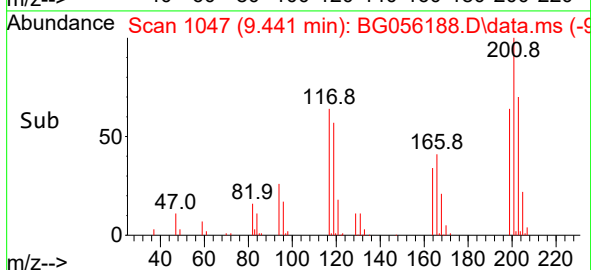
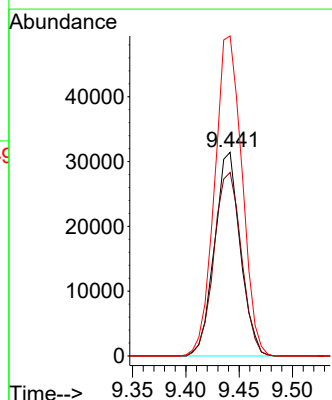
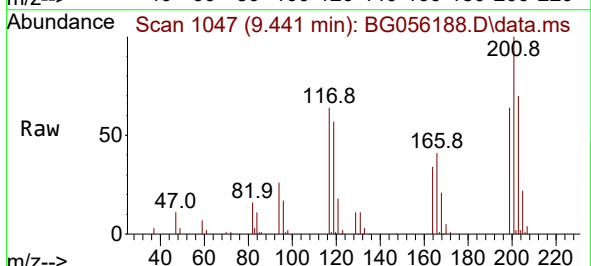
Instrument :
BNA_G
ClientSampleId :
MM-4MS

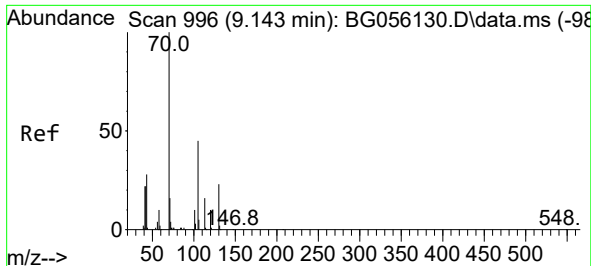
Tgt Ion:	107	Resp:	145128
Ion	Ratio	Lower	Upper
107	100		
108	110.0	86.6	129.8
77	39.3	35.4	53.2
79	40.7	35.4	53.2



#18
Hexachloroethane
Concen: 65.383 ng
RT: 9.441 min Scan# 1047
Delta R.T. 0.010 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:	117	Resp:	52810
Ion	Ratio	Lower	Upper
117	100		
119	90.2	81.8	122.6
201	159.3	134.2	201.2

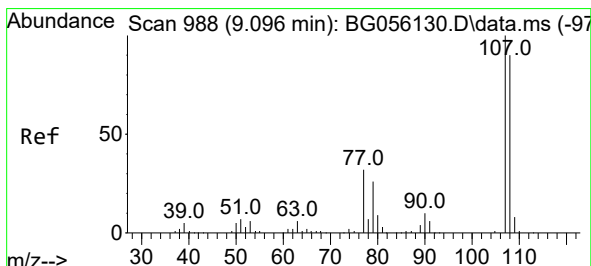
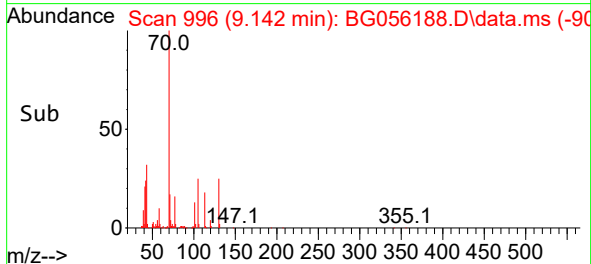
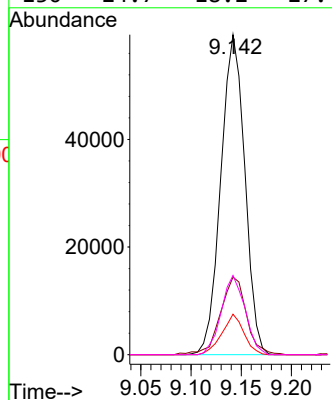
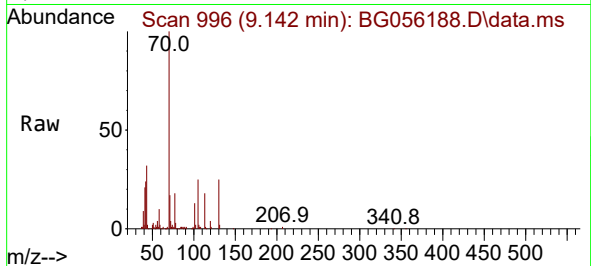




#19
n-Nitroso-di-n-propylamine
Concen: 48.381 ng
RT: 9.142 min Scan# 996
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

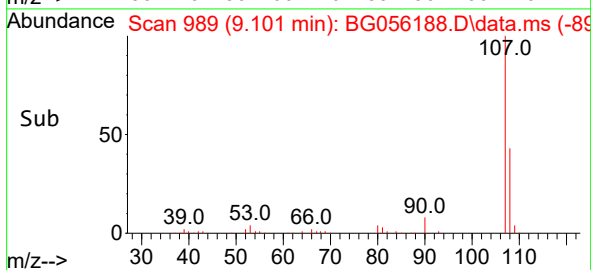
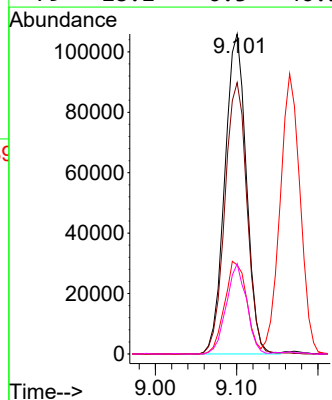
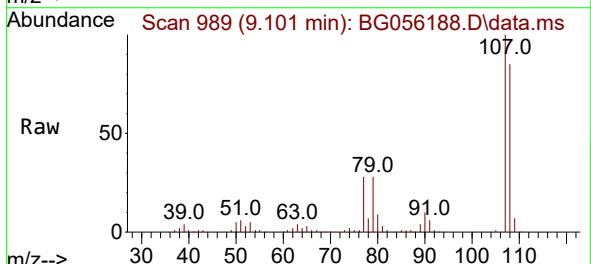
Instrument :
BNA_G
ClientSampleId :
MM-4MS

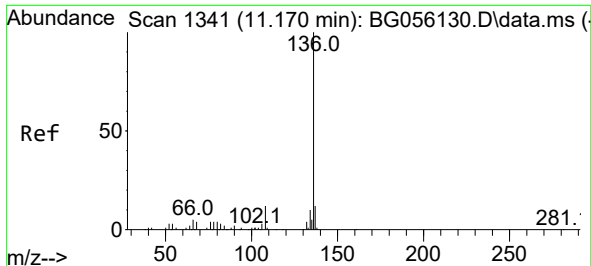
Tgt Ion: 70 Resp: 98772
Ion Ratio Lower Upper
70 100
42 24.3 18.2 27.2
101 12.7 8.3 12.5#
130 24.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 55.658 ng
RT: 9.101 min Scan# 989
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 107 Resp: 195500
Ion Ratio Lower Upper
107 100
108 84.8 69.6 109.6
77 27.8 11.7 51.7
79 28.2 6.3 46.3

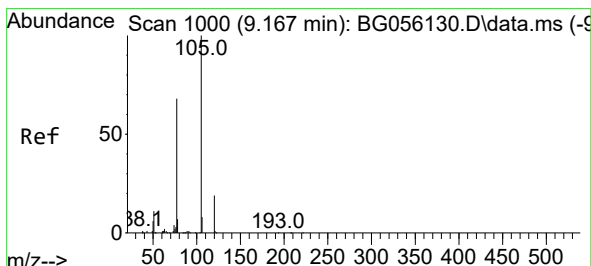
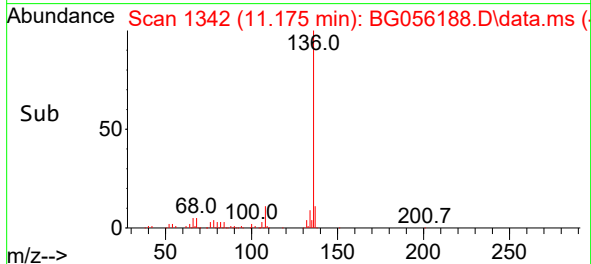
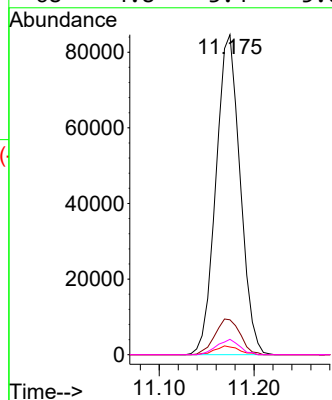
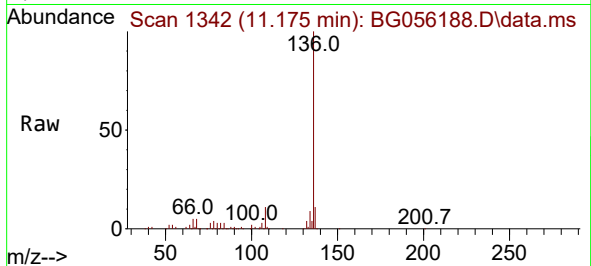




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

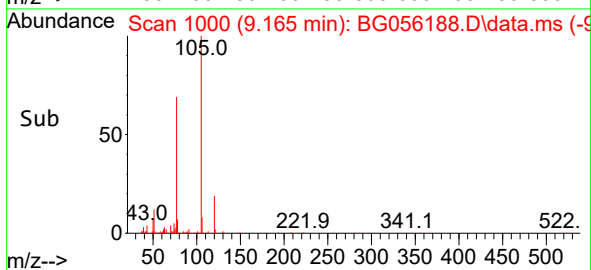
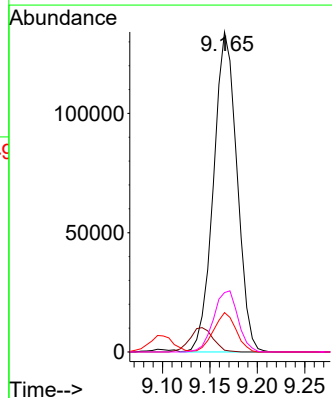
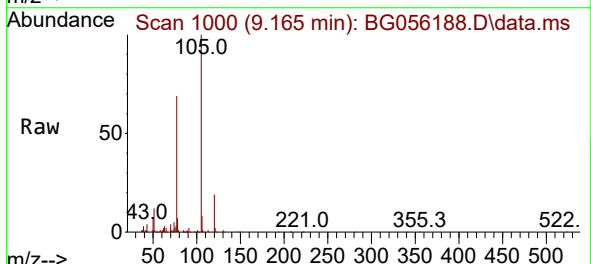
Instrument :
BNA_G
ClientSampleId :
MM-4MS

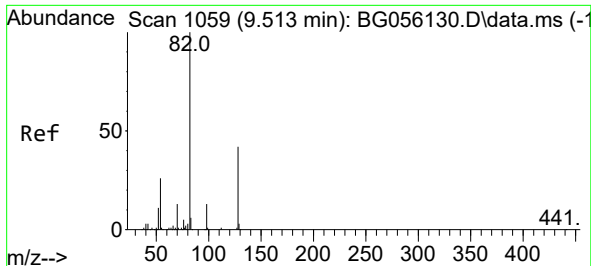
Tgt Ion:136 Resp: 149842
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.4 2.2 3.2
68 4.8 3.4 5.0



#22
Acetophenone
Concen: 54.481 ng
RT: 9.165 min Scan# 1000
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:105 Resp: 230824
Ion Ratio Lower Upper
105 100
71 0.5 0.5 0.7
51 12.3 9.3 13.9
120 18.5 15.5 23.3





#23

Nitrobenzene-d5

Concen: 107.584 ng

RT: 9.518 min Scan# 1060

Delta R.T. 0.010 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

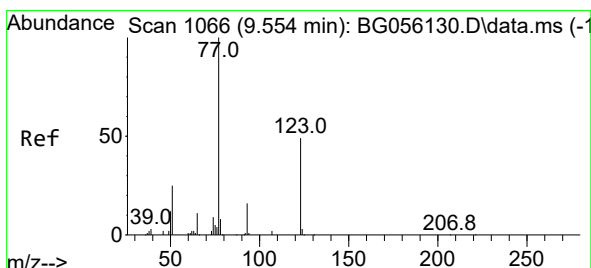
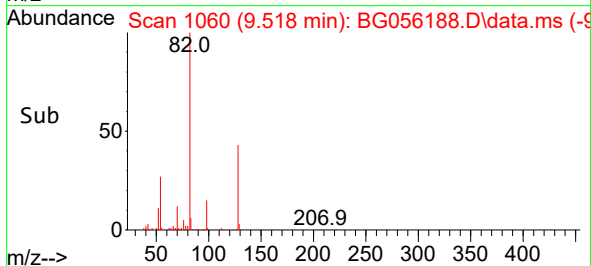
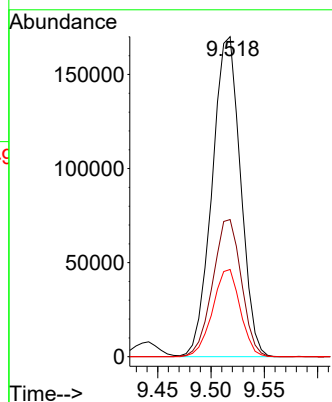
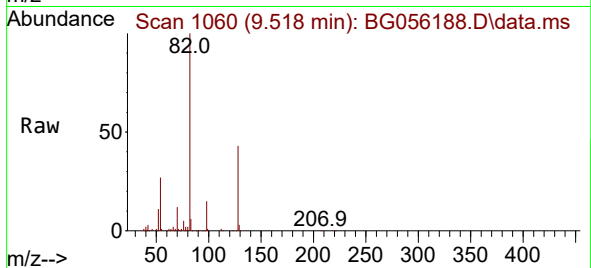
Tgt Ion: 82 Resp: 315154

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.2

54 27.2 20.3 30.5



#24

Nitrobenzene

Concen: 52.687 ng

RT: 9.559 min Scan# 1067

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

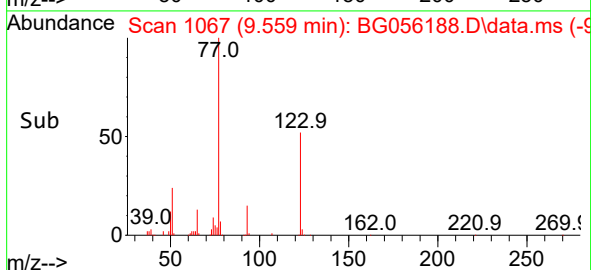
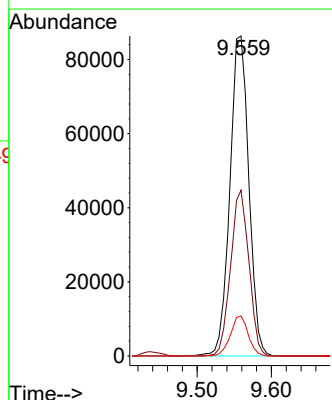
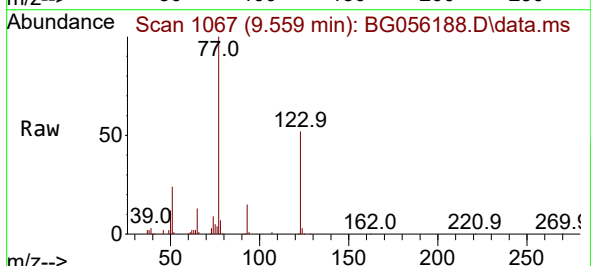
Tgt Ion: 77 Resp: 152952

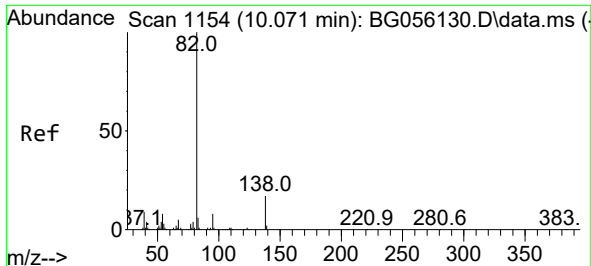
Ion Ratio Lower Upper

77 100

123 51.8 38.8 58.2

65 12.5 9.1 13.7

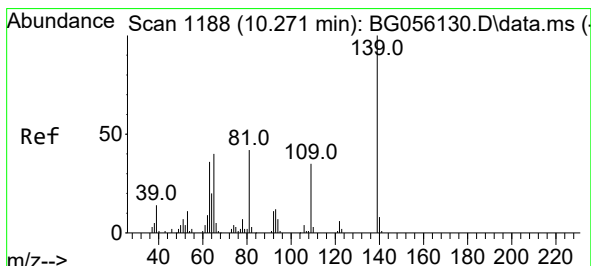
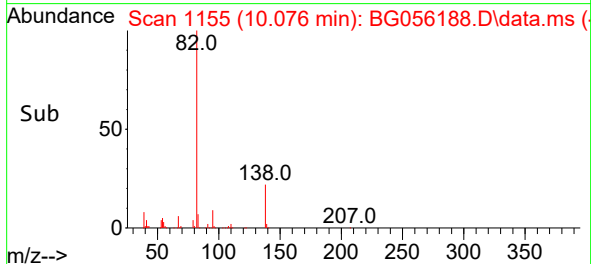
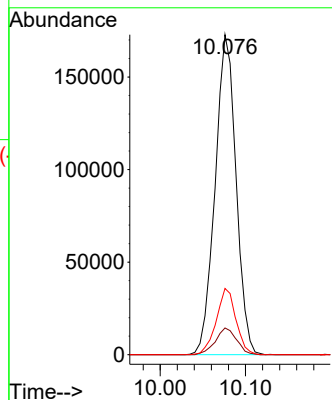
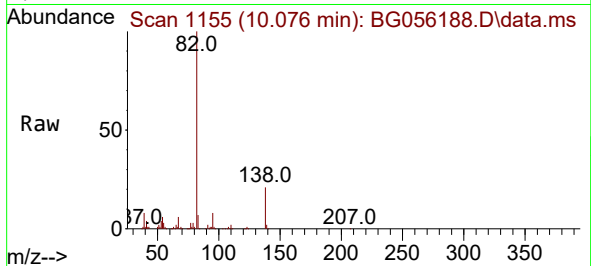




#25
Isophorone
Concen: 47.843 ng
RT: 10.076 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

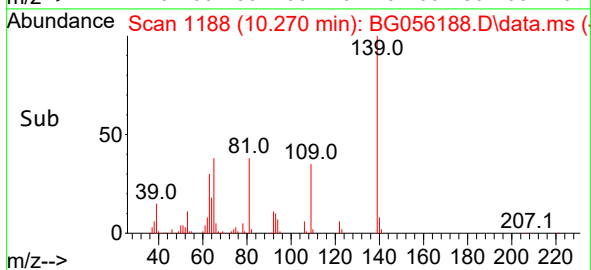
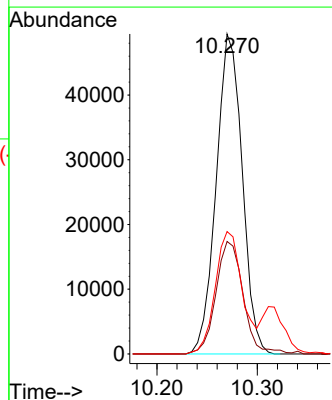
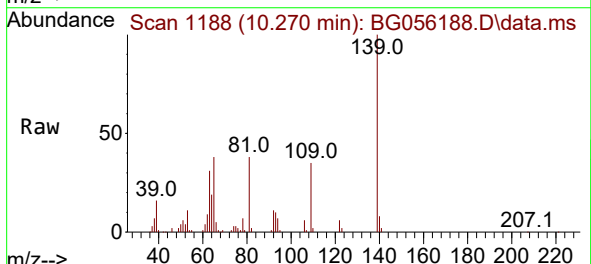
Instrument :
BNA_G
ClientSampleId :
MM-4MS

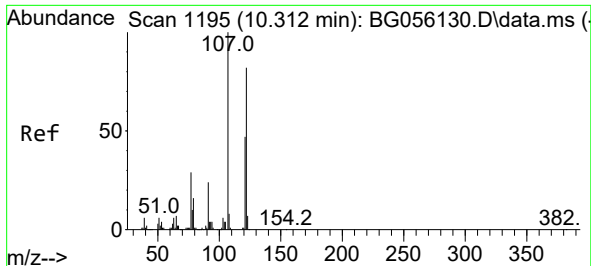
Tgt Ion: 82 Resp: 294879
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 20.7 13.7 20.5#



#26
2-Nitrophenol
Concen: 59.752 ng
RT: 10.270 min Scan# 1188
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:139 Resp: 88752
Ion Ratio Lower Upper
139 100
109 35.2 28.4 42.6
65 38.3 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 59.363 ng

RT: 10.317 min Scan# 1196

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

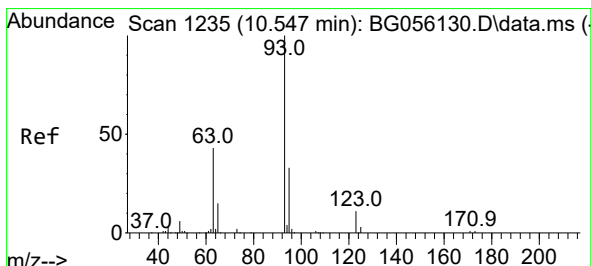
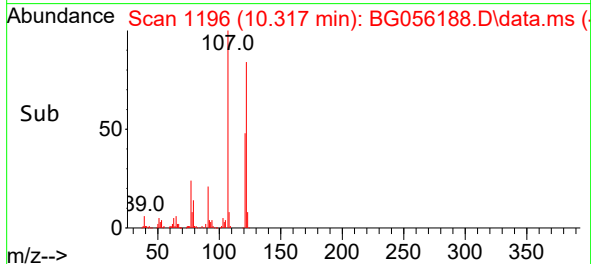
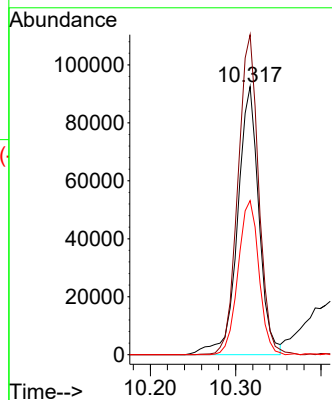
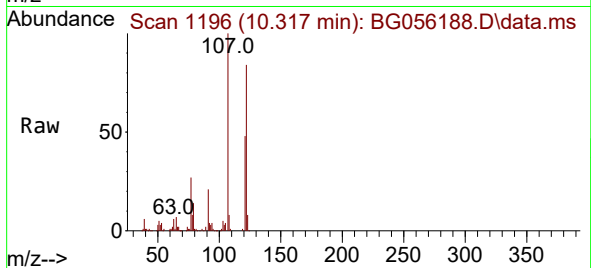
Tgt Ion:122 Resp: 160821

Ion Ratio Lower Upper

122 100

107 119.3 97.5 146.3

121 57.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 54.527 ng

RT: 10.552 min Scan# 1236

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

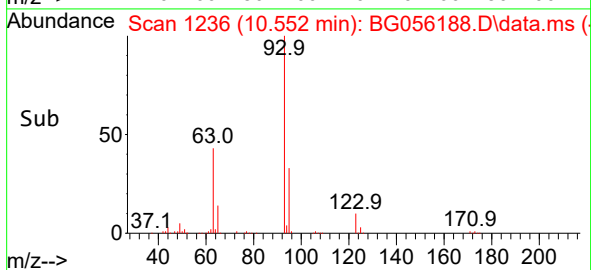
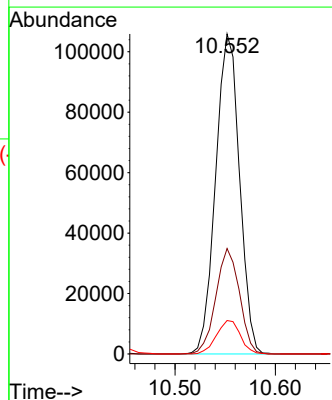
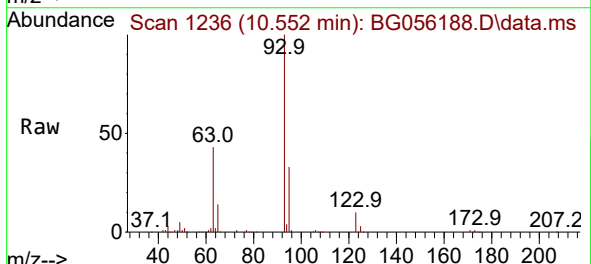
Tgt Ion: 93 Resp: 174671

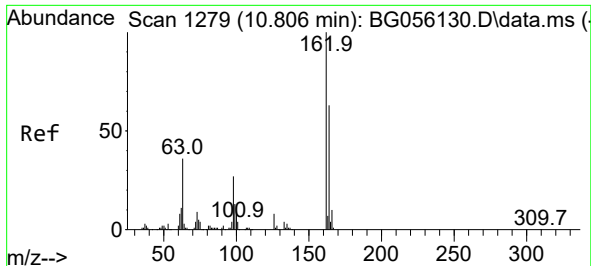
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 10.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 60.276 ng

RT: 10.810 min Scan# 1279

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

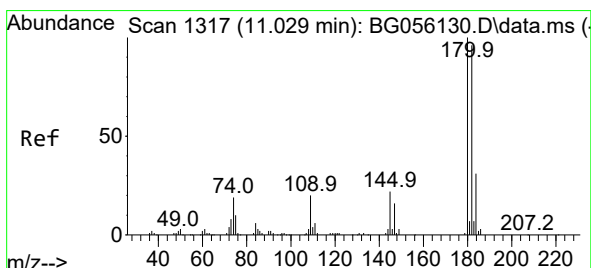
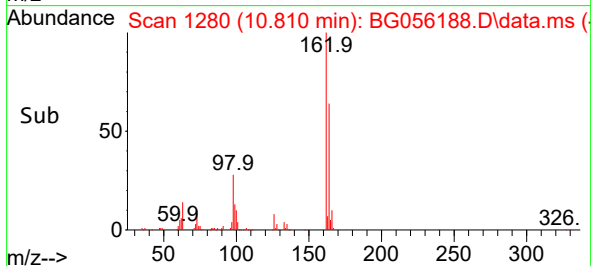
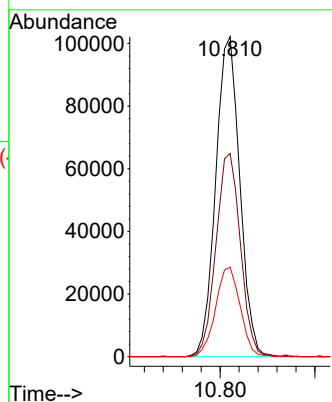
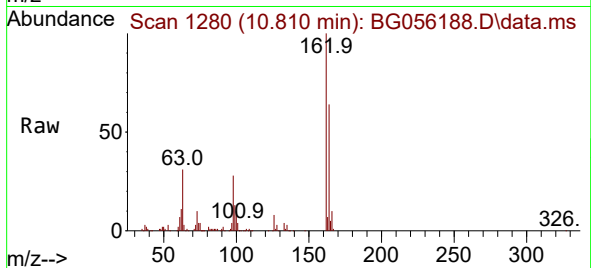
Tgt Ion:162 Resp: 180533

Ion Ratio Lower Upper

162 100

164 63.5 43.3 83.3

98 28.0 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 59.114 ng

RT: 11.028 min Scan# 1317

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

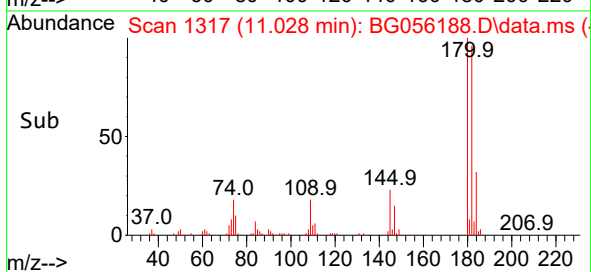
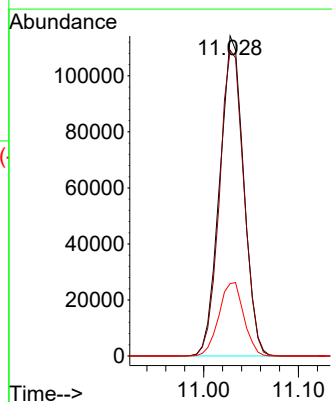
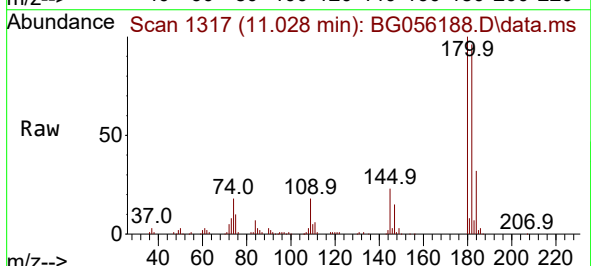
Tgt Ion:180 Resp: 200918

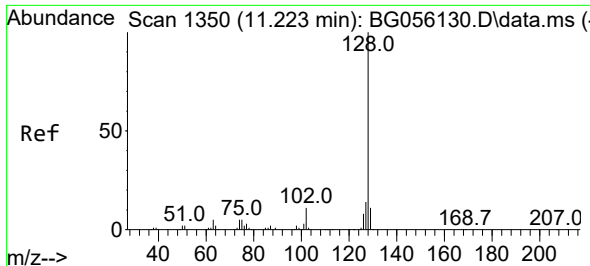
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 22.6 17.4 26.2

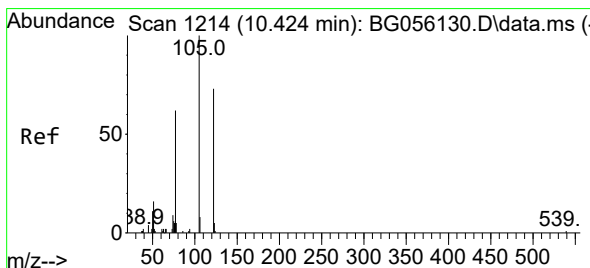
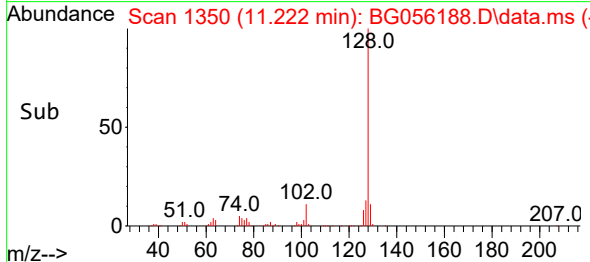
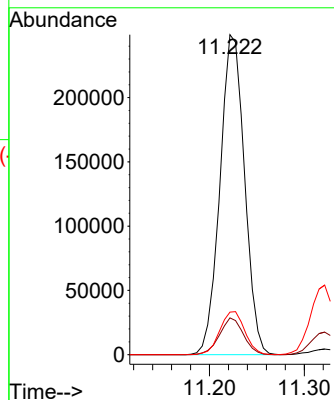
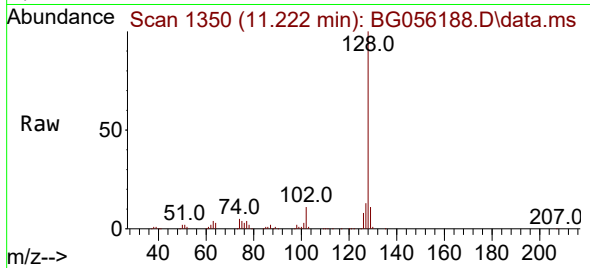




#31
Naphthalene
Concen: 56.902 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

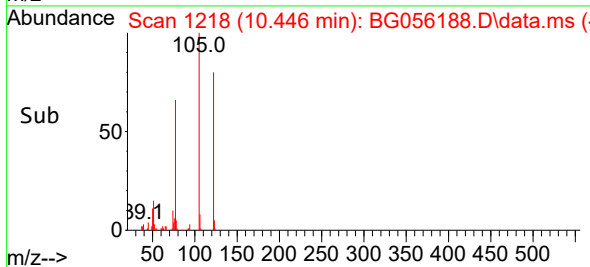
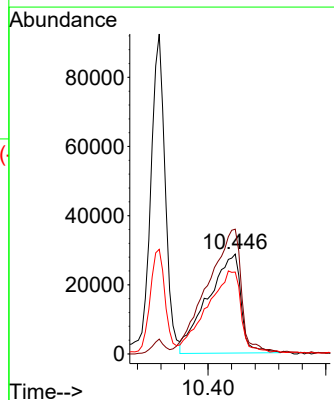
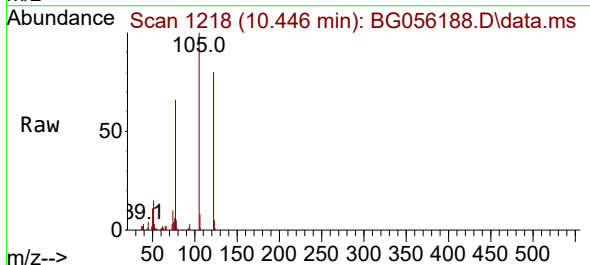
Instrument :
BNA_G
ClientSampleId :
MM-4MS

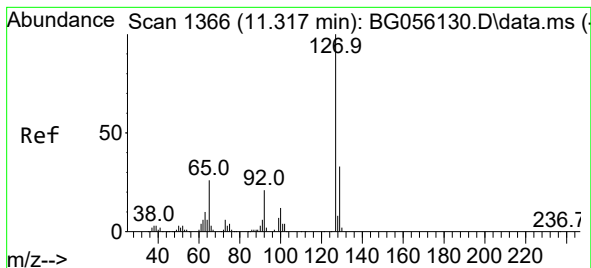
Tgt Ion:128 Resp: 448730
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 11.2 16.8



#32
Benzoic acid
Concen: 55.989 ng
RT: 10.446 min Scan# 1218
Delta R.T. 0.016 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:122 Resp: 112543
Ion Ratio Lower Upper
122 100
105 125.0 109.0 149.0
77 82.0 63.1 103.1





#33

4-Chloroaniline

Concen: 26.507 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

Tgt Ion:127 Resp: 99801

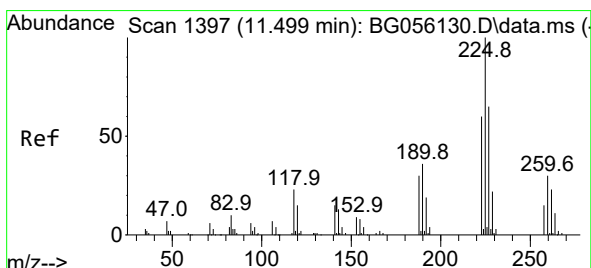
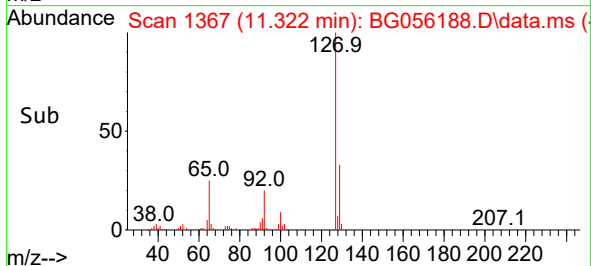
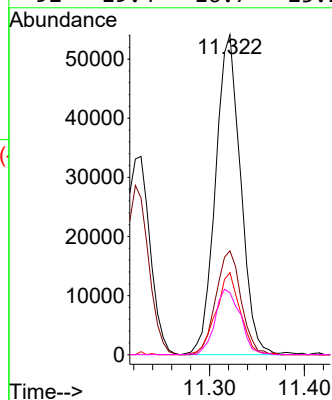
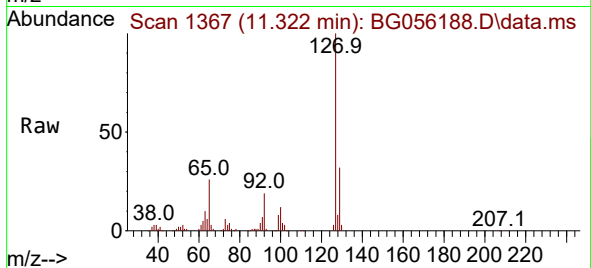
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 25.7 20.9 31.3

92 19.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 59.205 ng

RT: 11.498 min Scan# 1397

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

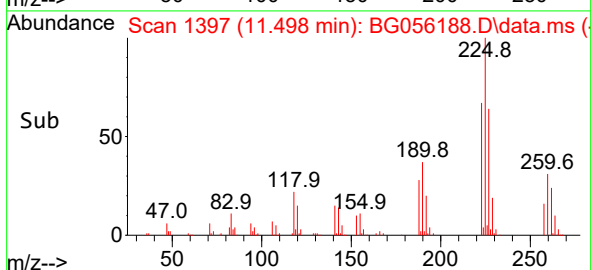
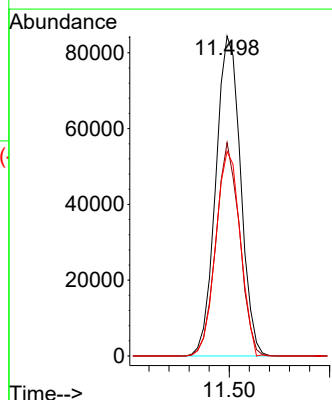
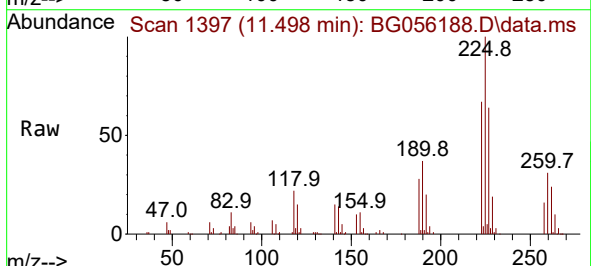
Tgt Ion:225 Resp: 144727

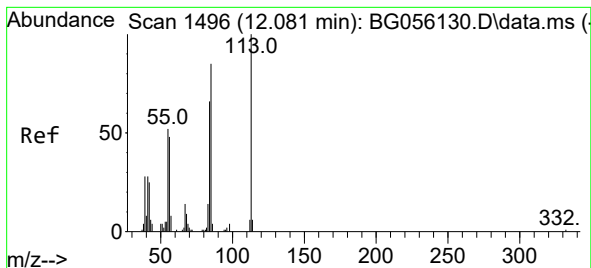
Ion Ratio Lower Upper

225 100

223 70.4 47.7 71.5

227 63.9 52.3 78.5





#35

Caprolactam

Concen: 40.123 ng

RT: 12.091 min Scan# 1498

Delta R.T. 0.010 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

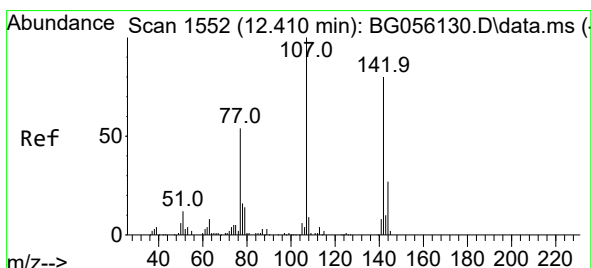
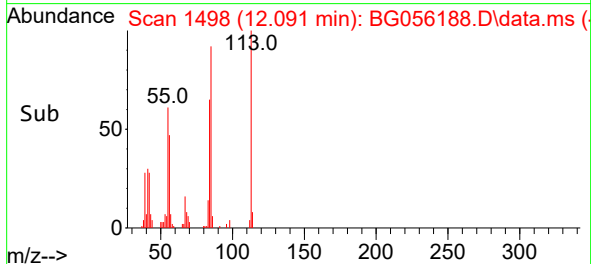
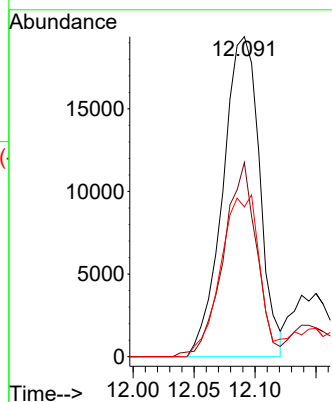
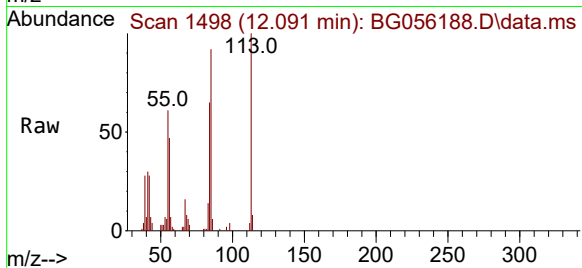
Tgt Ion:113 Resp: 40686

Ion Ratio Lower Upper

113 100

55 60.6 31.9 71.9

56 46.8 27.6 67.6



#36

4-Chloro-3-methylphenol

Concen: 54.273 ng

RT: 12.414 min Scan# 1553

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

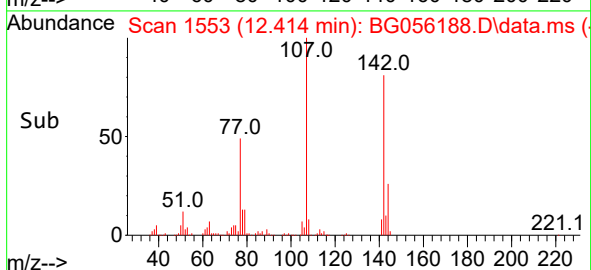
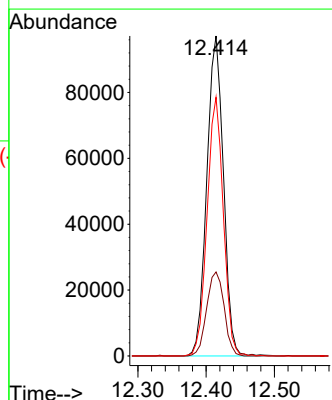
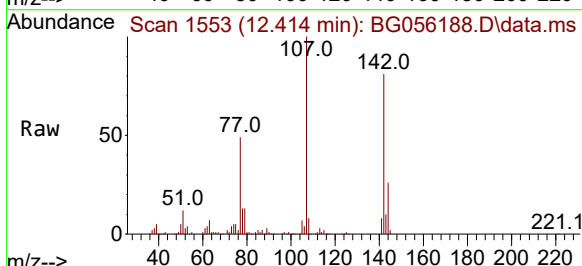
Tgt Ion:107 Resp: 164946

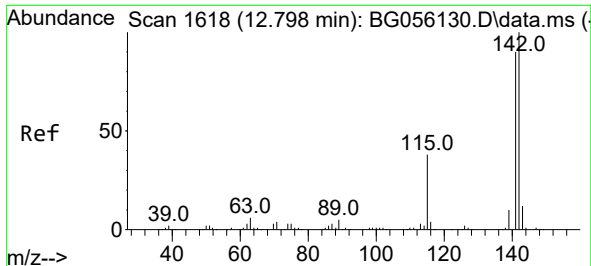
Ion Ratio Lower Upper

107 100

144 26.2 21.5 32.3

142 80.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 52.064 ng

RT: 12.802 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

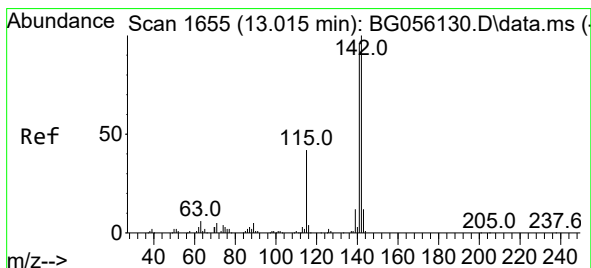
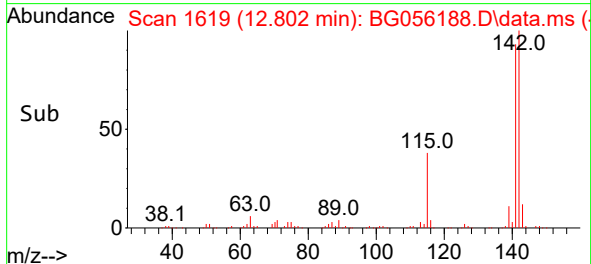
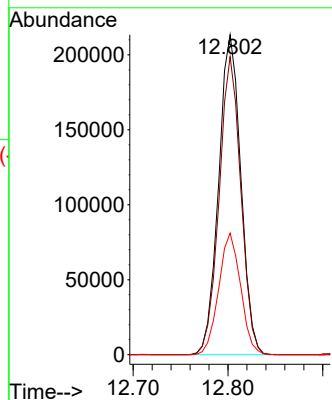
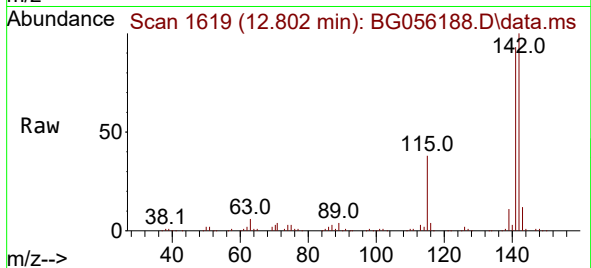
Tgt Ion:142 Resp: 346674

Ion Ratio Lower Upper

142 100

141 93.1 72.2 108.4

115 38.0 30.7 46.1



#38

1-Methylnaphthalene

Concen: 51.840 ng

RT: 13.020 min Scan# 1656

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

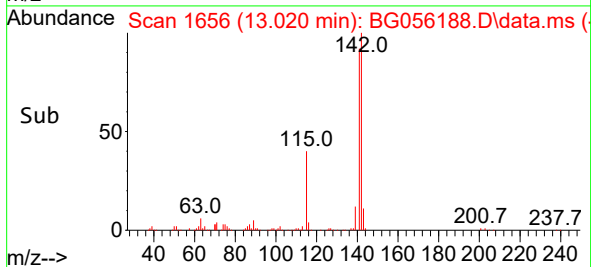
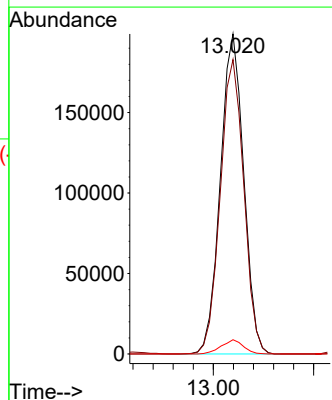
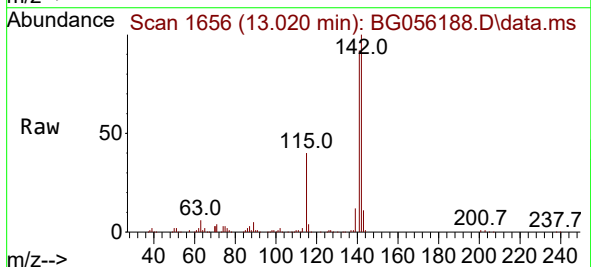
Tgt Ion:142 Resp: 320546

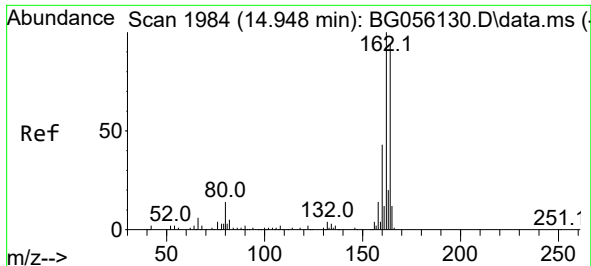
Ion Ratio Lower Upper

142 100

141 92.0 77.0 115.6

116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

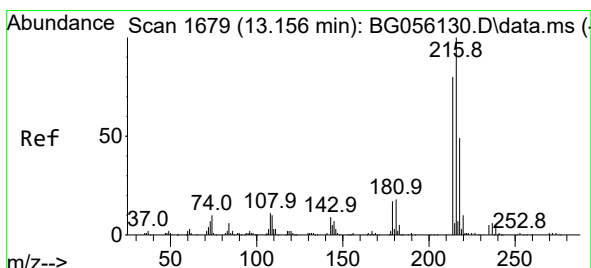
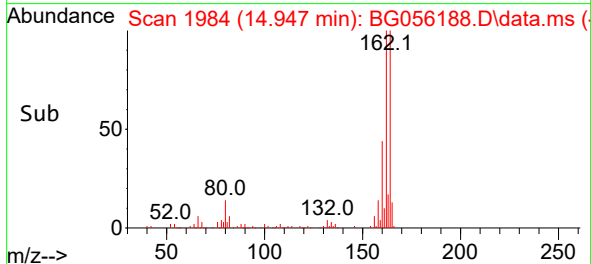
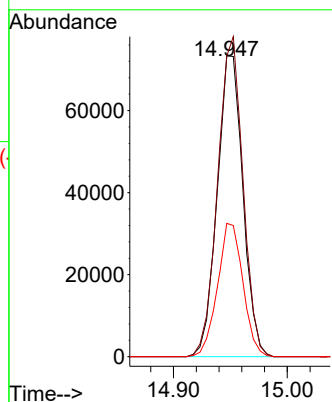
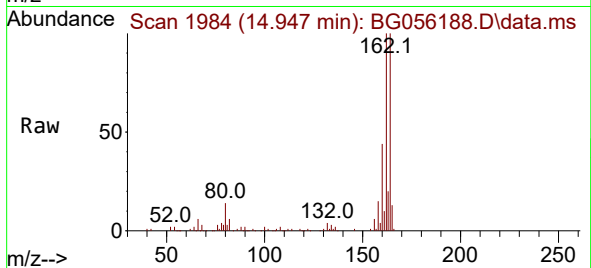
Tgt Ion:164 Resp: 115217

Ion Ratio Lower Upper

164 100

162 99.9 84.7 127.1

160 44.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.490 ng

RT: 13.161 min Scan# 1680

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Tgt Ion:216 Resp: 265532

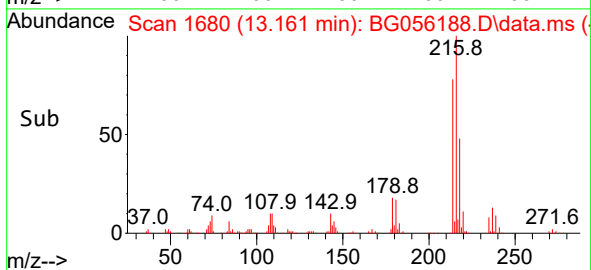
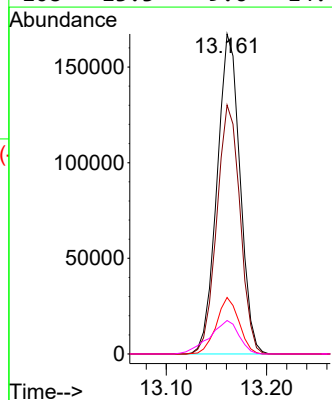
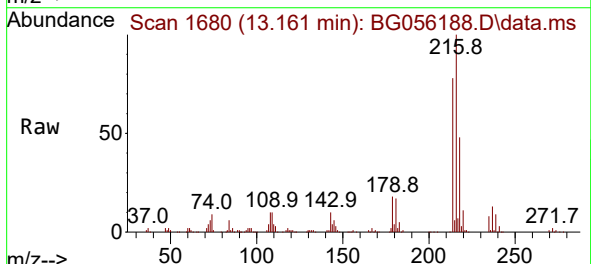
Ion Ratio Lower Upper

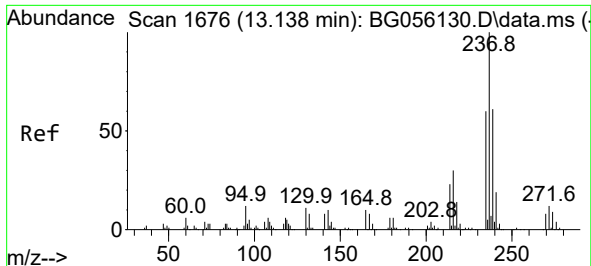
216 100

214 78.7 63.4 95.0

179 17.4 13.6 20.4

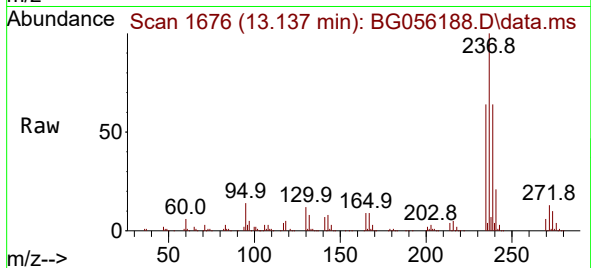
108 13.3 9.6 14.4



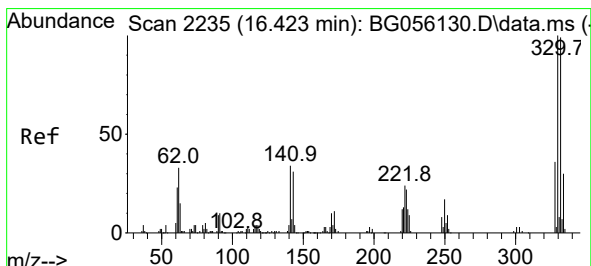
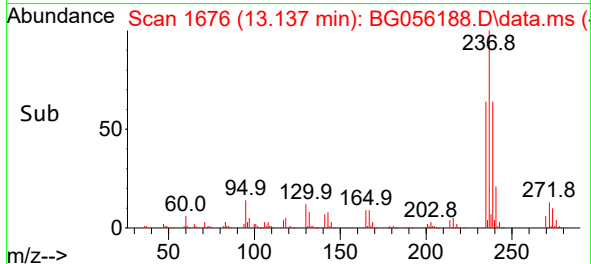
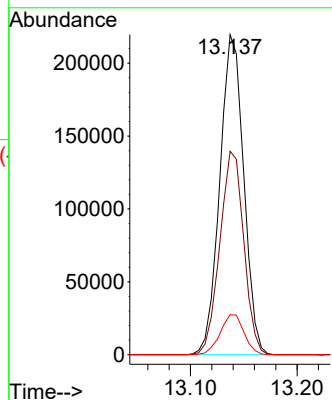


#41
Hexachlorocyclopentadiene
Concen: 138.759 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Instrument :
BNA_G
ClientSampleId :
MM-4MS

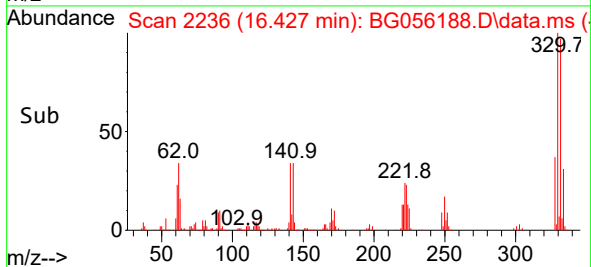
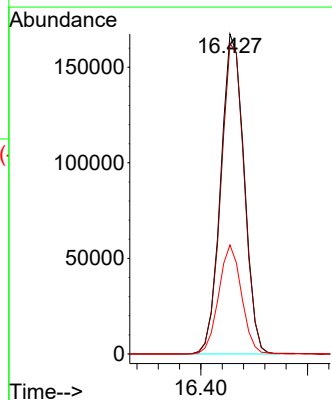
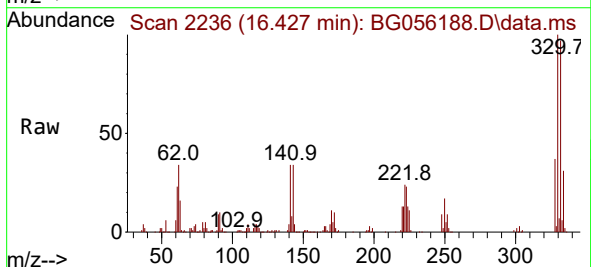


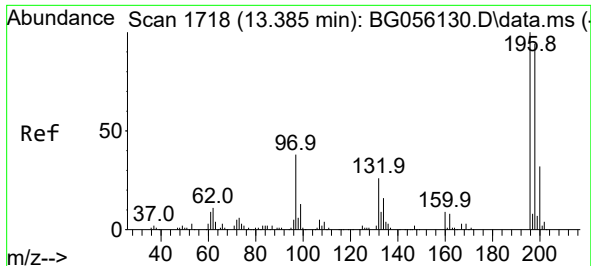
Tgt Ion:237 Resp: 341621
Ion Ratio Lower Upper
237 100
235 63.6 40.3 80.3
272 12.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 173.946 ng
RT: 16.427 min Scan# 2236
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:330 Resp: 253823
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 33.3 27.9 41.9

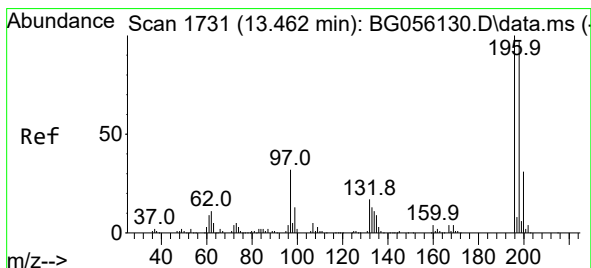
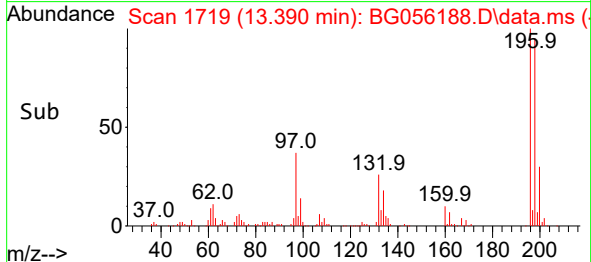
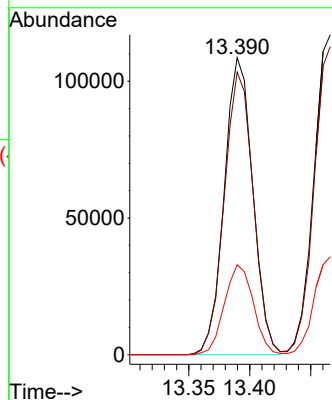
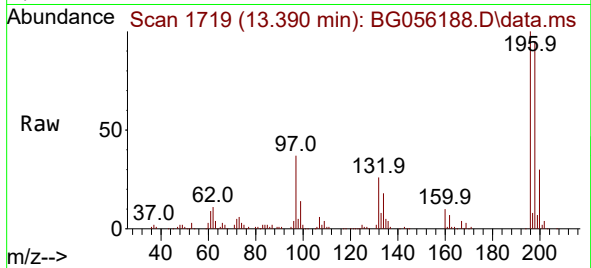




#43
2,4,6-Trichlorophenol
Concen: 62.087 ng
RT: 13.390 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

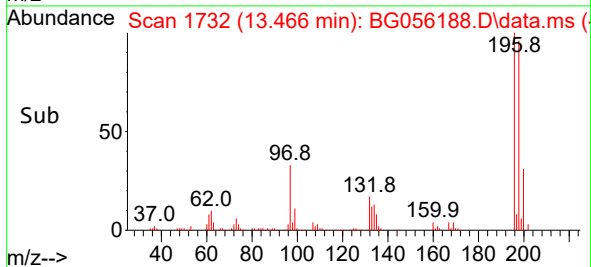
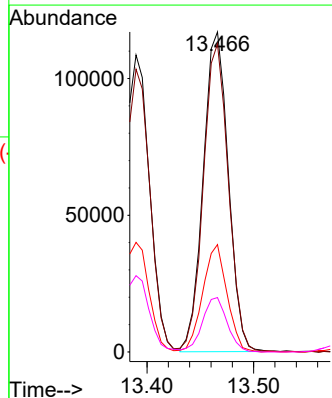
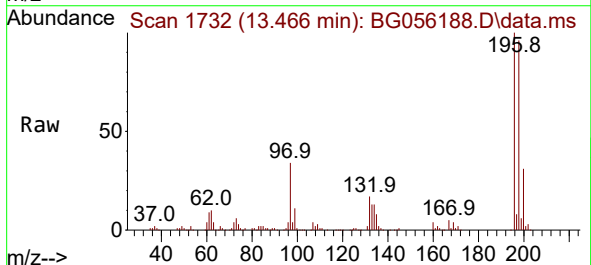
Instrument :
BNA_G
ClientSampleId :
MM-4MS

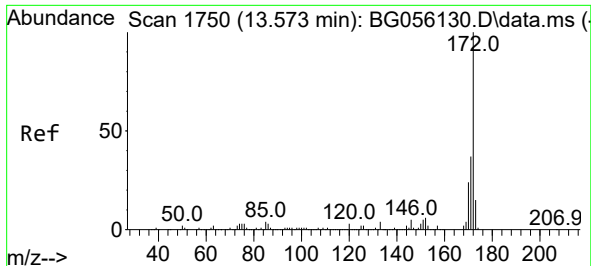
Tgt Ion:196 Resp: 177286
Ion Ratio Lower Upper
196 100
198 95.2 75.5 113.3
200 30.3 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 56.753 ng
RT: 13.466 min Scan# 1732
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:196 Resp: 191699
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
97 33.5 25.7 38.5
132 17.0 13.6 20.4

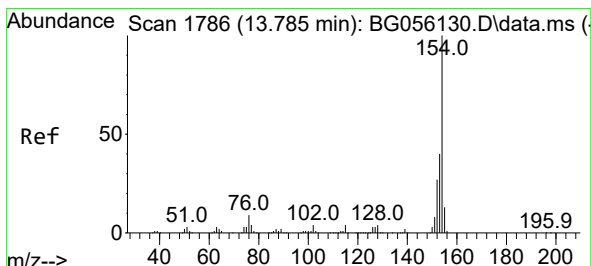
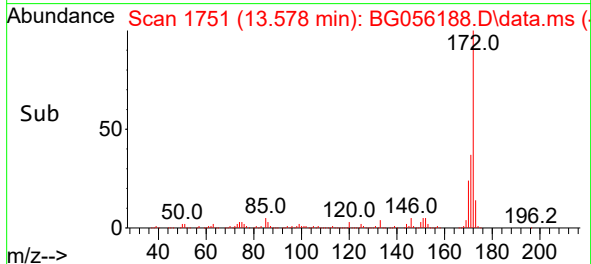
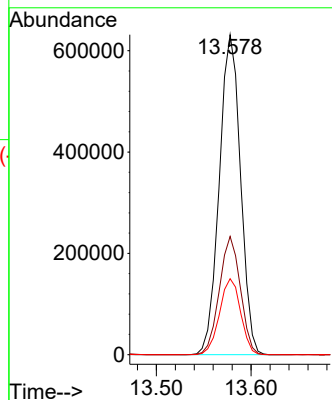
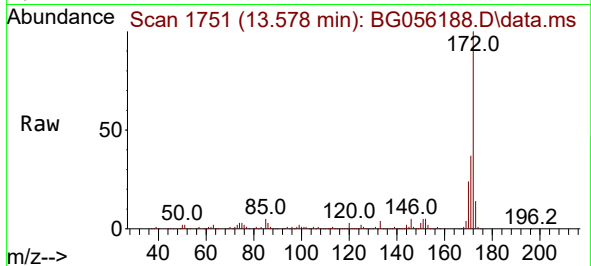




#45
2-Fluorobiphenyl
Concen: 117.870 ng
RT: 13.578 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

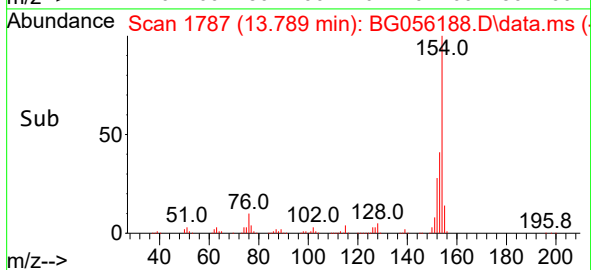
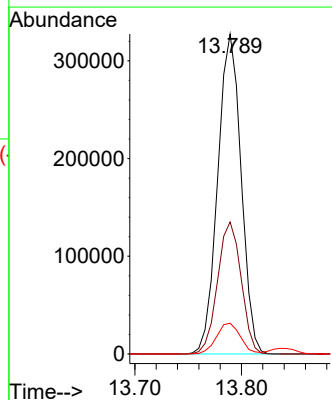
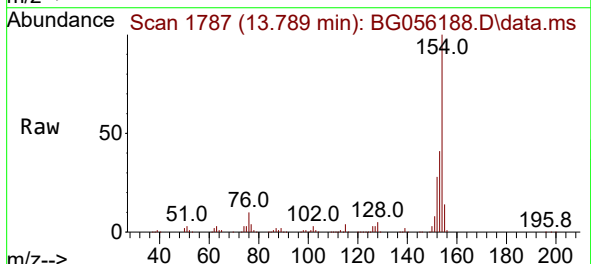
Instrument :
BNA_G
ClientSampleId :
MM-4MS

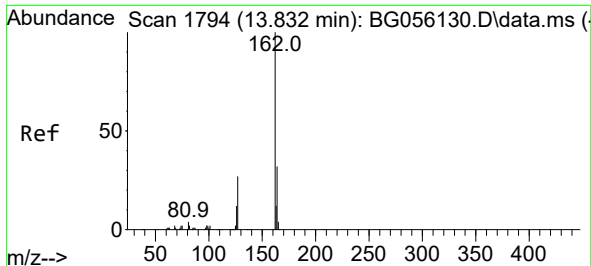
Tgt Ion:172 Resp: 983466
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 60.373 ng
RT: 13.789 min Scan# 1787
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:154 Resp: 498169
Ion Ratio Lower Upper
154 100
153 41.3 20.0 60.0
76 9.6 0.0 29.3

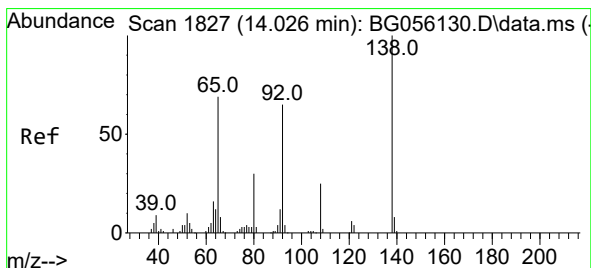
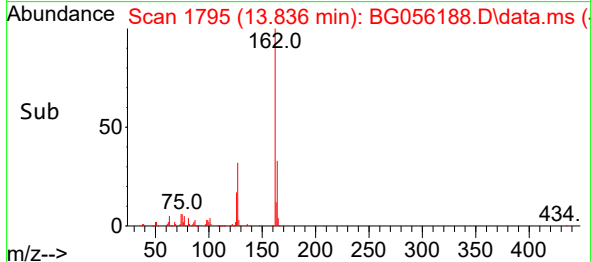
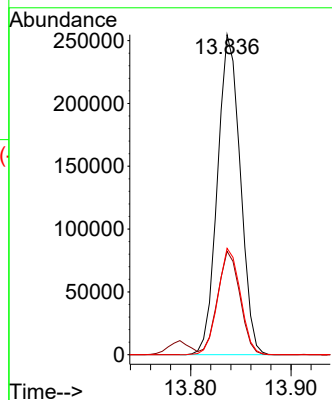
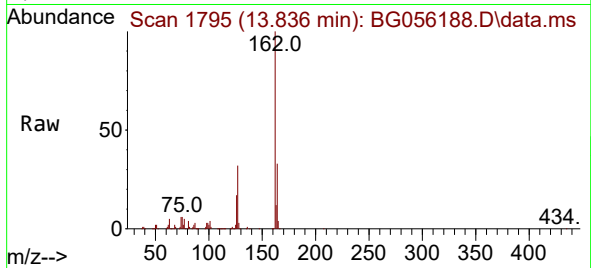




#47
2-Chloronaphthalene
Concen: 61.700 ng
RT: 13.836 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

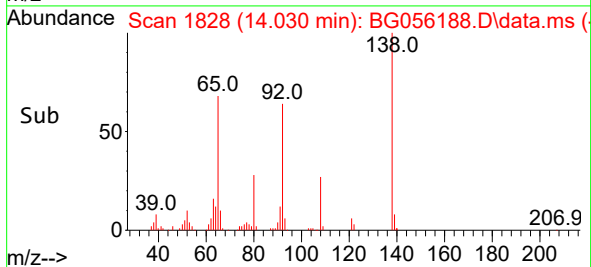
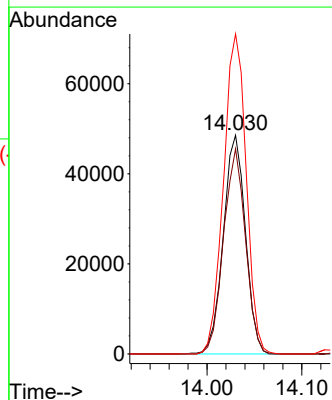
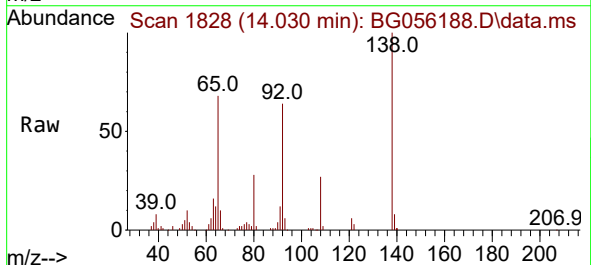
Instrument :
BNA_G
ClientSampleId :
MM-4MS

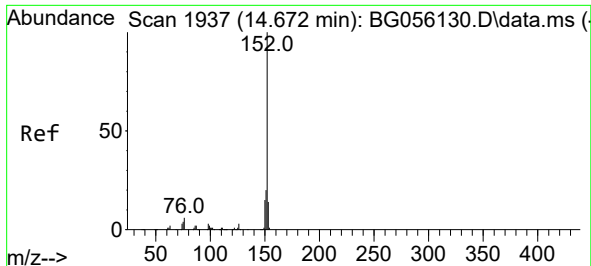
Tgt Ion:162 Resp: 401851
Ion Ratio Lower Upper
162 100
127 32.3 24.6 36.8
164 33.3 25.8 38.8



#48
2-Nitroaniline
Concen: 56.825 ng
RT: 14.030 min Scan# 1828
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion: 65 Resp: 78855
Ion Ratio Lower Upper
65 100
92 93.8 76.0 114.0
138 146.3 116.6 174.8

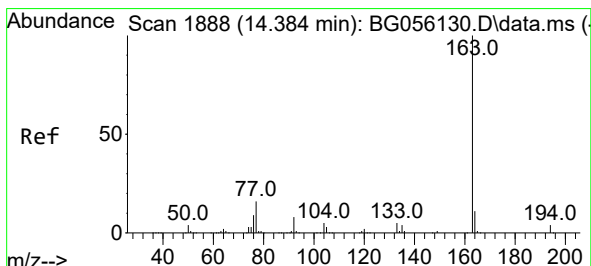
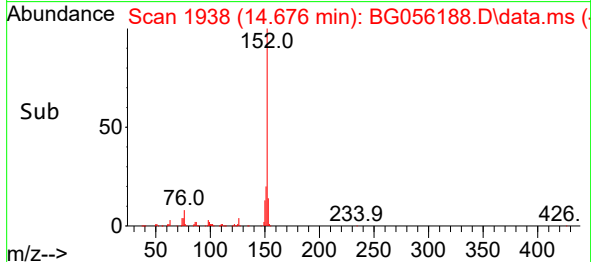
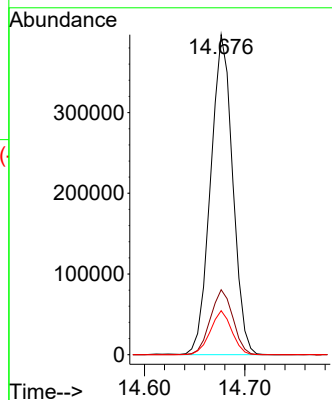
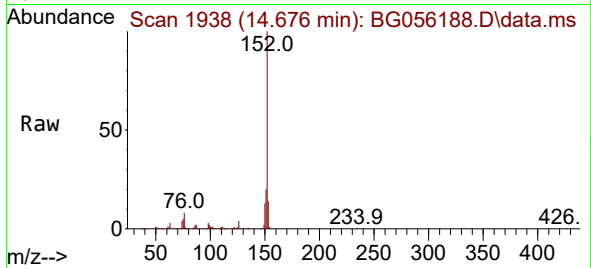




#49
Acenaphthylene
Concen: 57.222 ng
RT: 14.676 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

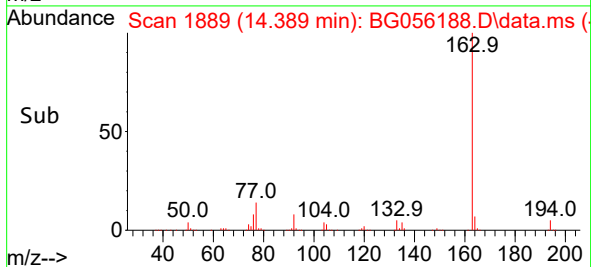
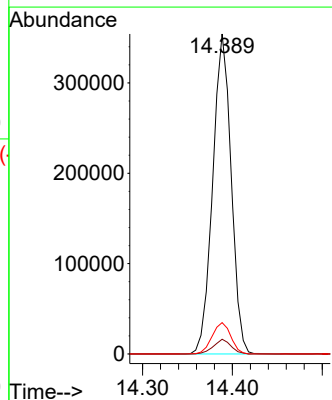
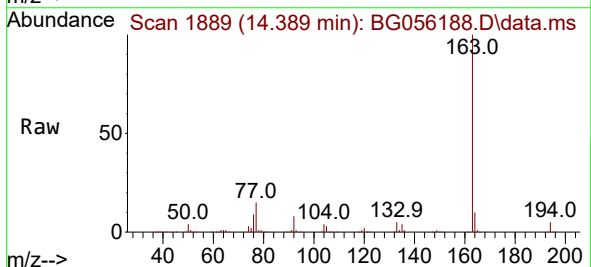
Instrument :
BNA_G
ClientSampleId :
MM-4MS

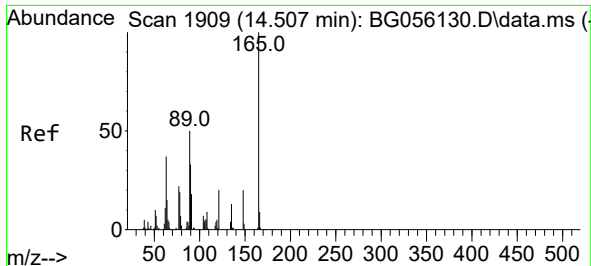
Tgt Ion:152 Resp: 606484
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 54.320 ng
RT: 14.389 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:163 Resp: 505230
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.8 8.7 13.1

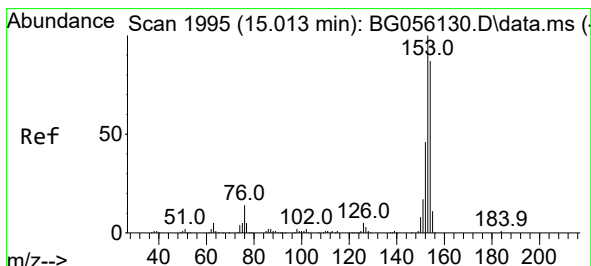
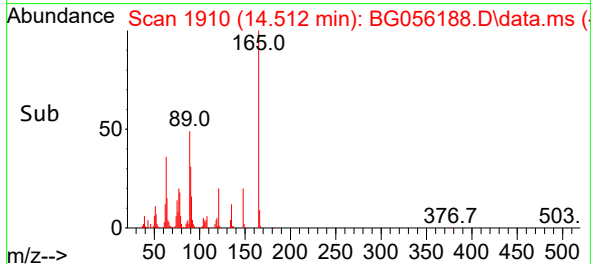
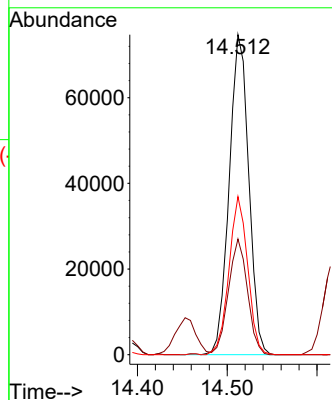
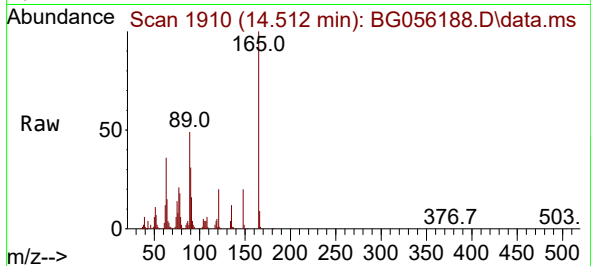




#51
2,6-Dinitrotoluene
Concen: 57.031 ng
RT: 14.512 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

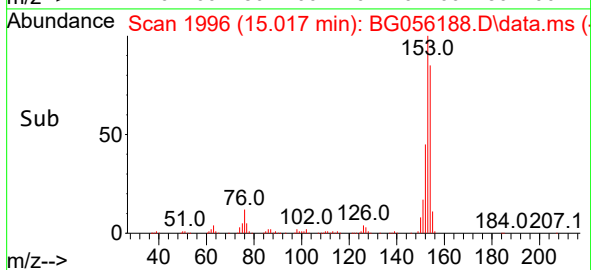
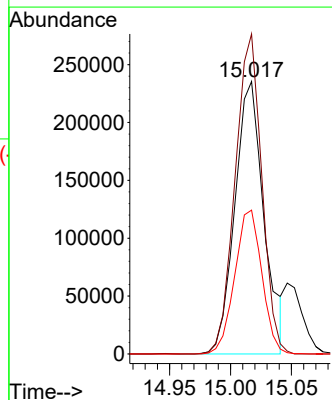
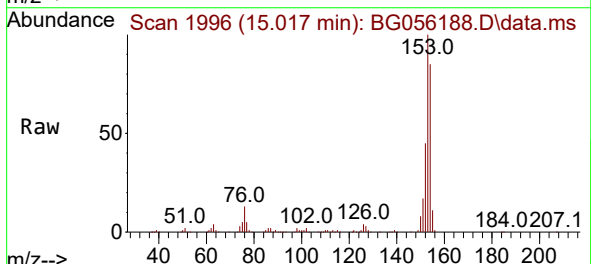
Instrument :
BNA_G
ClientSampleId :
MM-4MS

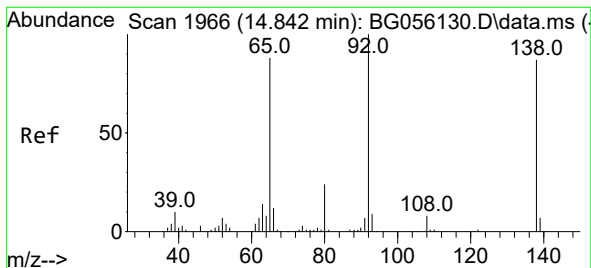
Tgt Ion:165 Resp: 113029
Ion Ratio Lower Upper
165 100
63 36.1 32.2 48.2
89 49.4 39.8 59.8



#52
Acenaphthene
Concen: 56.655 ng
RT: 15.017 min Scan# 1996
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:154 Resp: 390543
Ion Ratio Lower Upper
154 100
153 117.4 92.0 138.0
152 52.8 42.5 63.7

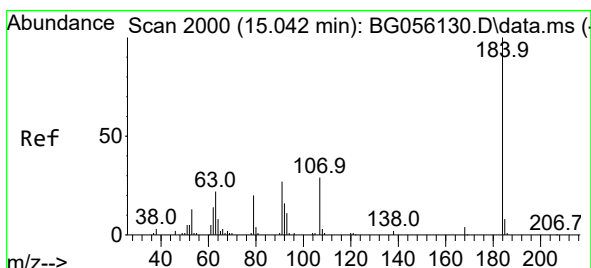
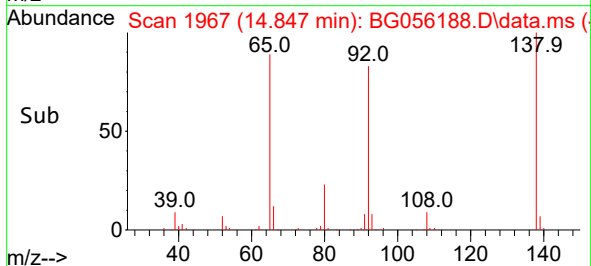
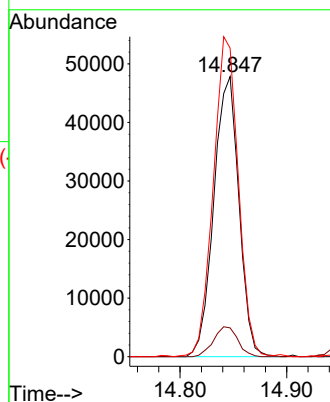
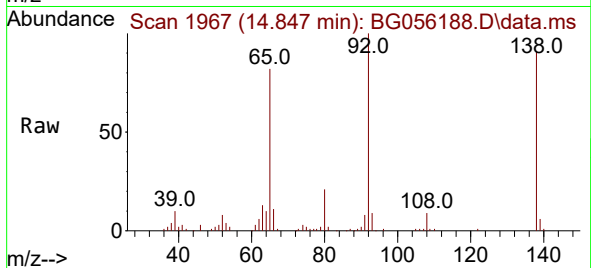




#53
3-Nitroaniline
Concen: 41.416 ng
RT: 14.847 min Scan# 1966
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

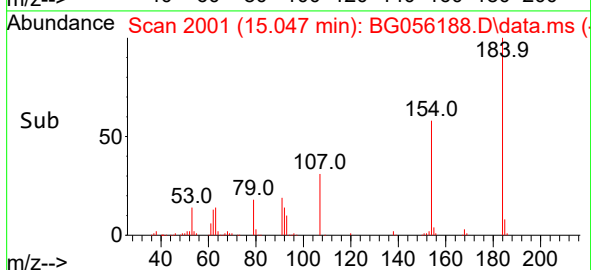
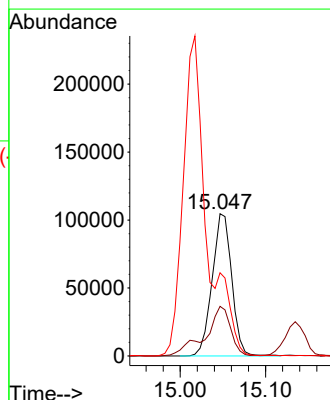
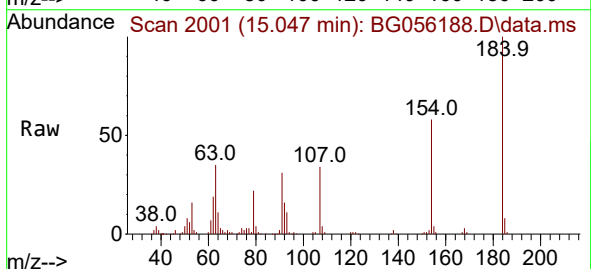
Instrument :
BNA_G
ClientSampleId :
MM-4MS

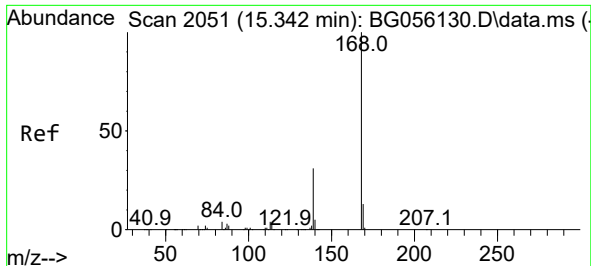
Tgt Ion:138 Resp: 78117
Ion Ratio Lower Upper
138 100
108 10.3 7.6 11.4
92 110.1 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 117.757 ng
RT: 15.047 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:184 Resp: 166724
Ion Ratio Lower Upper
184 100
63 34.8 24.0 36.0
154 58.4 45.4 68.0

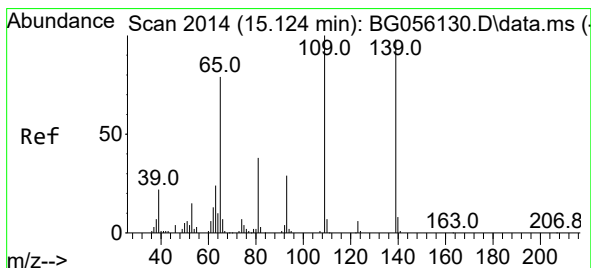
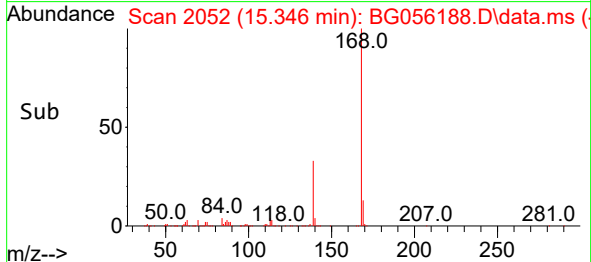
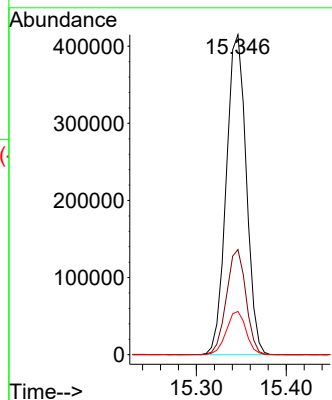
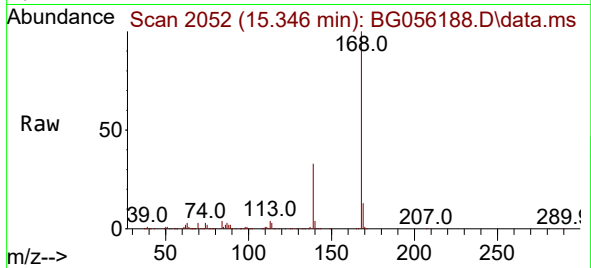




#55
Dibenzofuran
Concen: 56.149 ng
RT: 15.346 min Scan# 2051
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

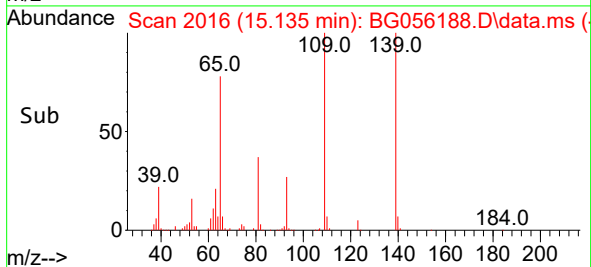
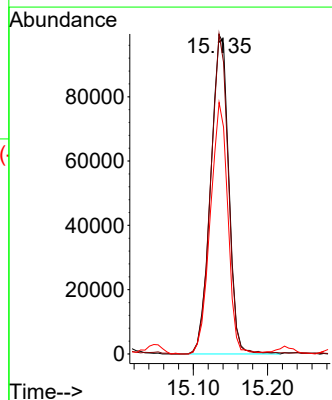
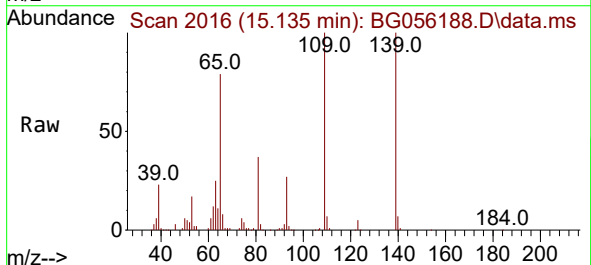
Instrument :
BNA_G
ClientSampleId :
MM-4MS

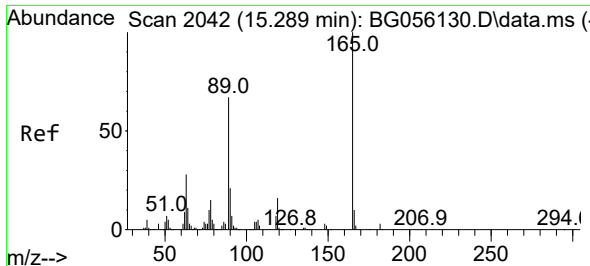
Tgt Ion:168 Resp: 640500
Ion Ratio Lower Upper
168 100
139 32.9 24.7 37.1
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 115.905 ng
RT: 15.135 min Scan# 2016
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:139 Resp: 168136
Ion Ratio Lower Upper
139 100
109 100.3 82.2 122.2
65 78.8 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 56.354 ng

RT: 15.293 min Scan# 2043

Delta R.T. -0.001 min

Lab File: BG056188.D

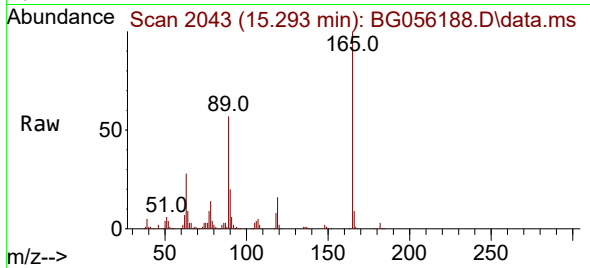
Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS



Tgt Ion:165 Resp: 156197

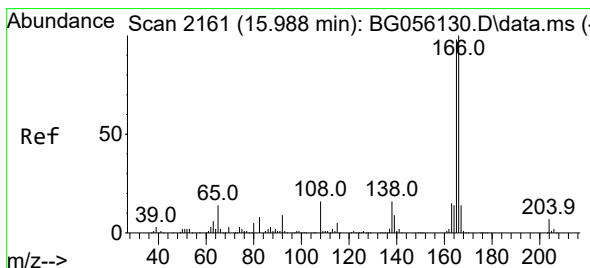
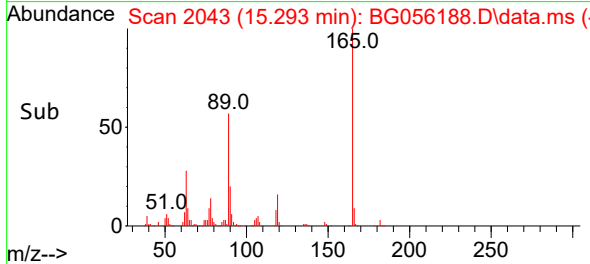
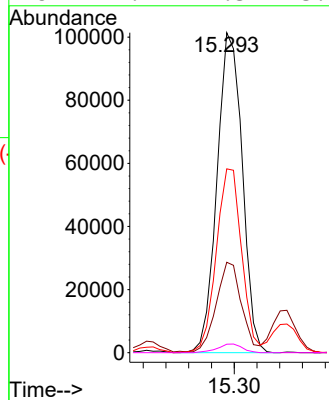
Ion Ratio Lower Upper

165 100

63 28.2 22.6 34.0

89 57.4 53.2 79.8

182 2.7 2.3 3.5



#58

Fluorene

Concen: 55.302 ng

RT: 15.993 min Scan# 2162

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

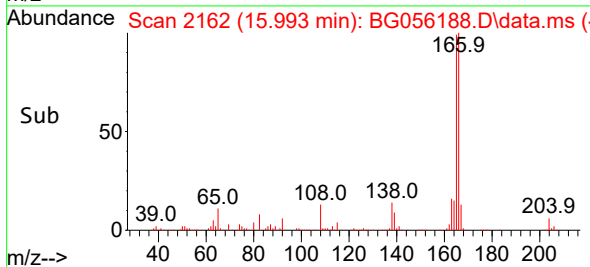
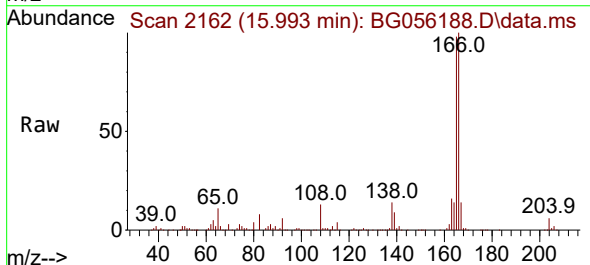
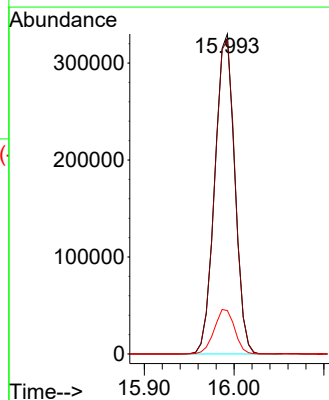
Tgt Ion:166 Resp: 507394

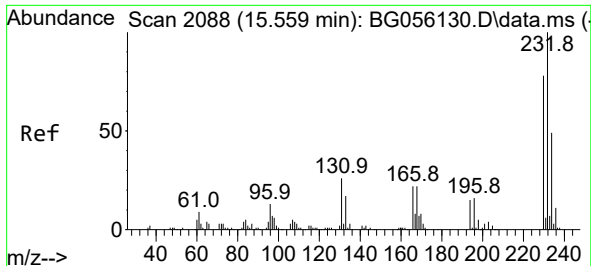
Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

167 13.6 11.1 16.7

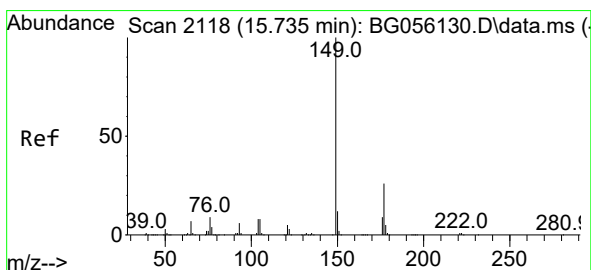
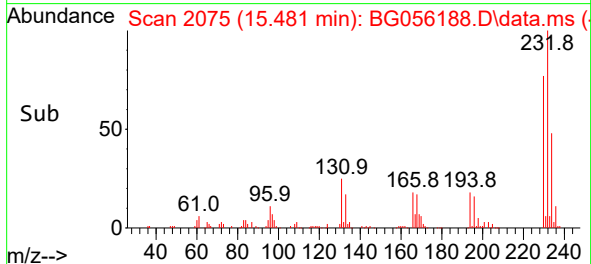
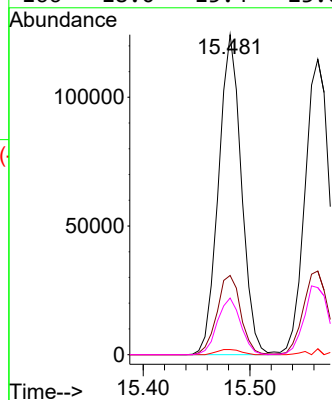
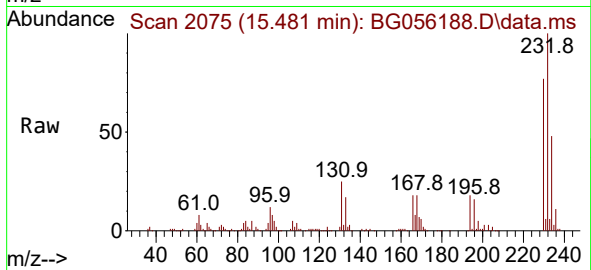




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.353 ng
RT: 15.481 min Scan# 2088
Delta R.T. -0.078 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

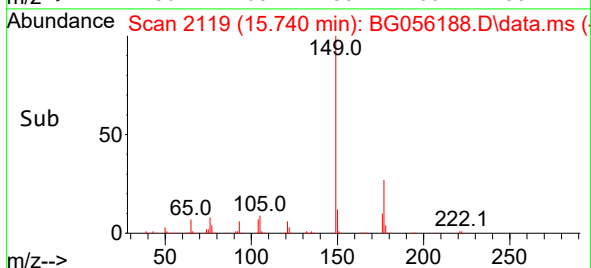
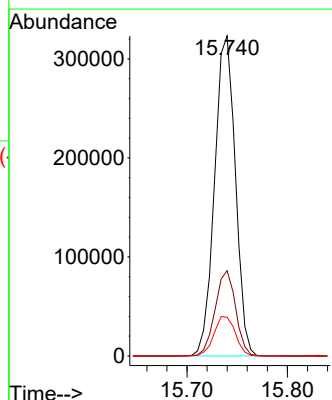
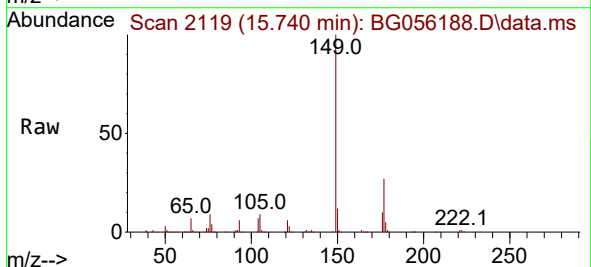
Instrument :
BNA_G
ClientSampleId :
MM-4MS

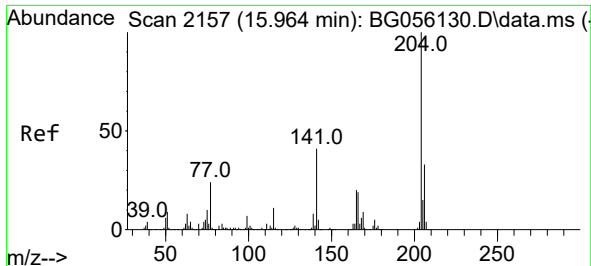
Tgt Ion:232 Resp: 185070
Ion Ratio Lower Upper
232 100
131 25.7 21.4 32.2
130 1.7 1.4 2.0
166 18.0 15.4 23.0



#60
Diethylphthalate
Concen: 53.286 ng
RT: 15.740 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:149 Resp: 464788
Ion Ratio Lower Upper
149 100
177 26.7 20.6 31.0
150 12.1 9.9 14.9

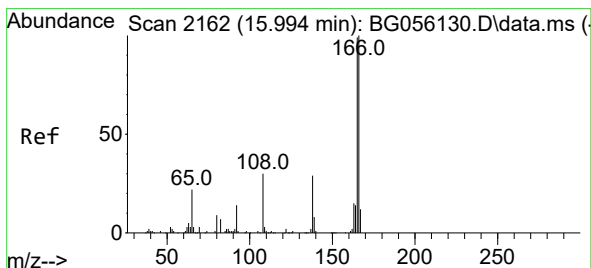
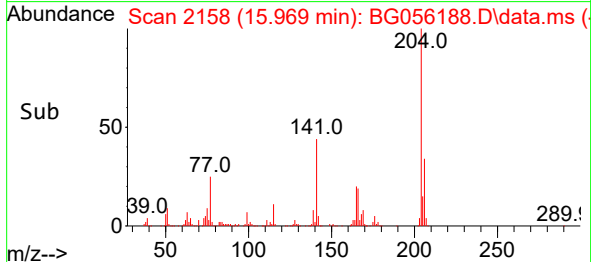
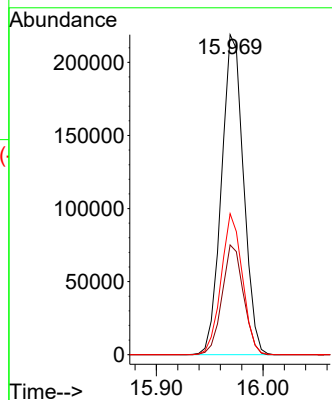
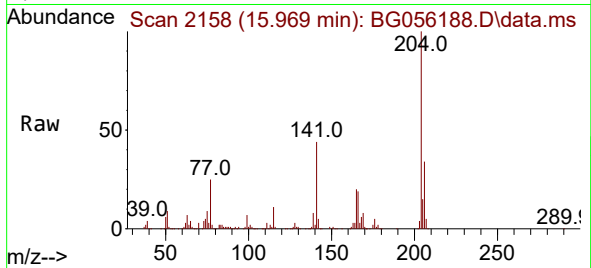




#61
4-Chlorophenyl-phenylether
Concen: 54.852 ng
RT: 15.969 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

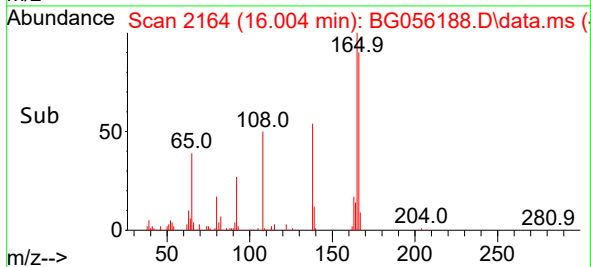
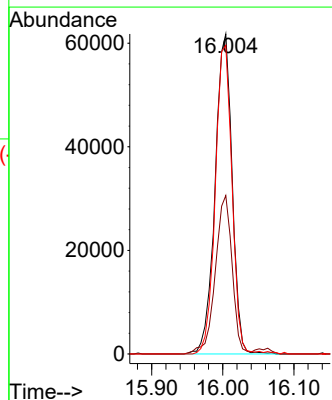
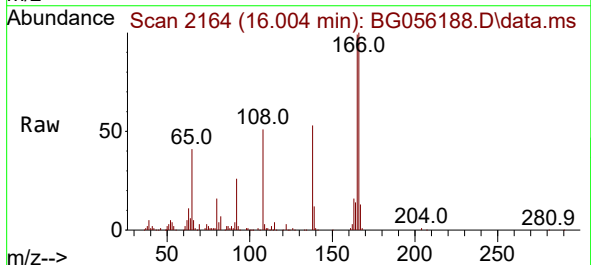
Instrument :
BNA_G
ClientSampleId :
MM-4MS

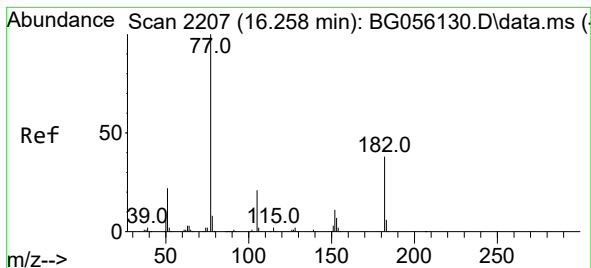
Tgt Ion:204 Resp: 314068
Ion Ratio Lower Upper
204 100
206 34.3 26.4 39.6
141 44.0 33.0 49.4



#62
4-Nitroaniline
Concen: 53.146 ng
RT: 16.004 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:138 Resp: 102683
Ion Ratio Lower Upper
138 100
92 49.5 28.6 68.6
108 96.4 83.4 123.4





#63

Azobenzene

Concen: 53.184 ng

RT: 16.263 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

Tgt Ion: 77 Resp: 357985

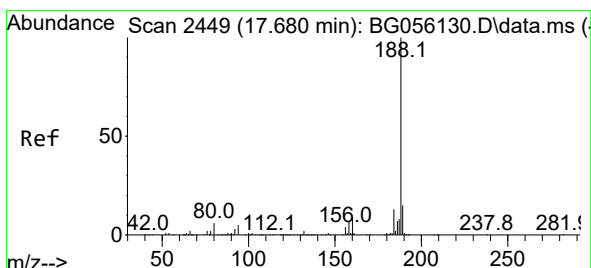
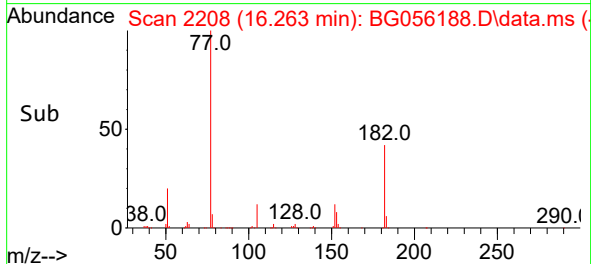
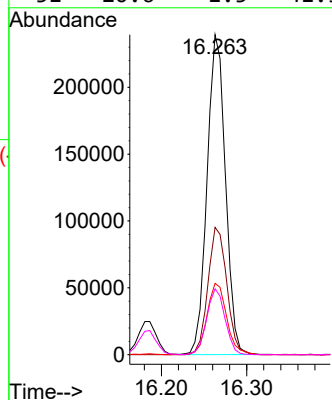
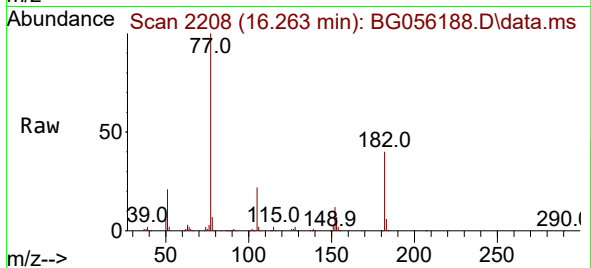
Ion Ratio Lower Upper

77 100

182 39.8 18.5 58.5

105 22.3 1.4 41.4

51 20.6 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.685 min Scan# 2450

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

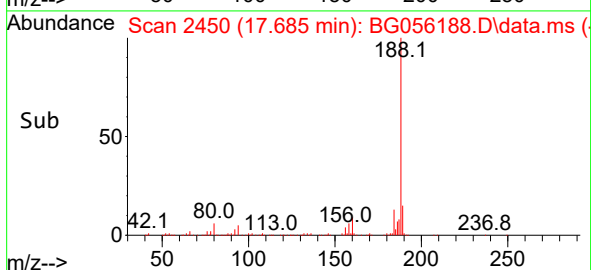
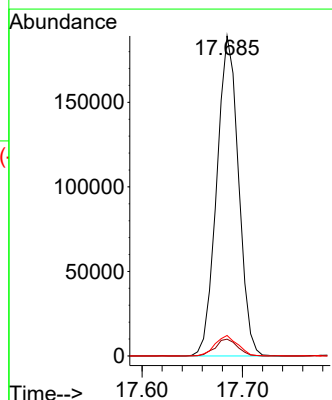
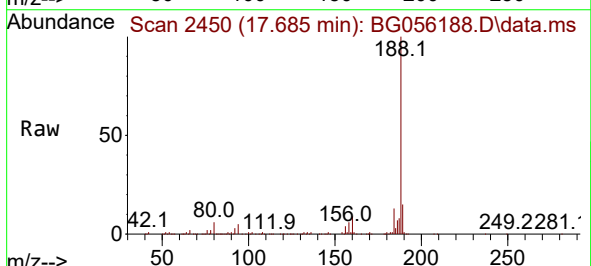
Tgt Ion:188 Resp: 285311

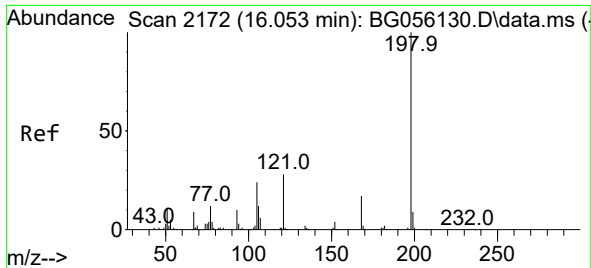
Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 6.4 5.0 7.4

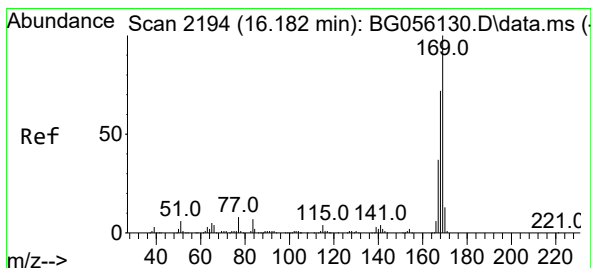
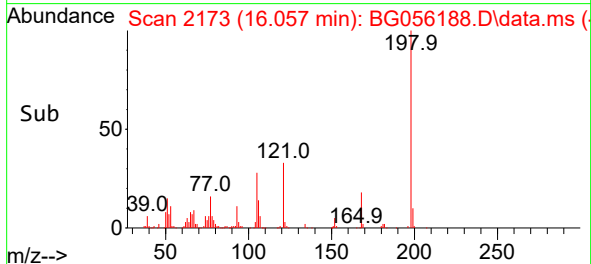
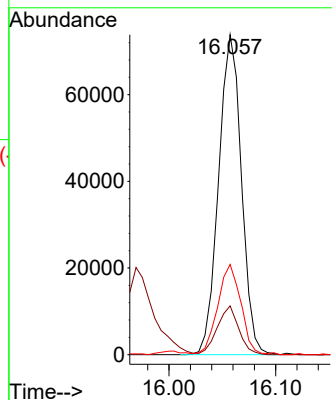
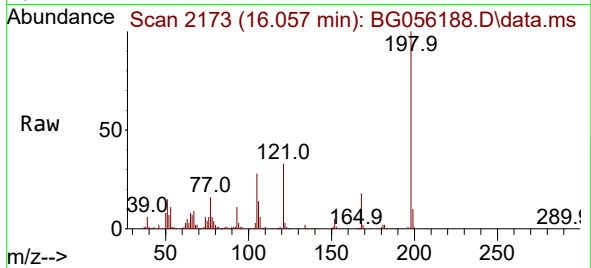




#65
4,6-Dinitro-2-methylphenol
Concen: 57.030 ng
RT: 16.057 min Scan# 2172
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

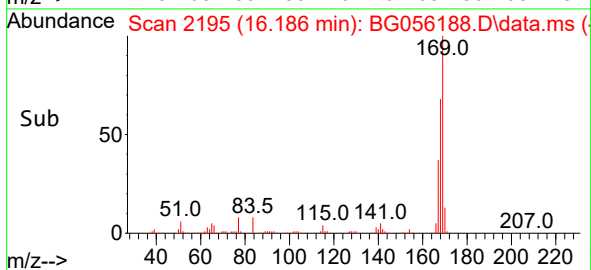
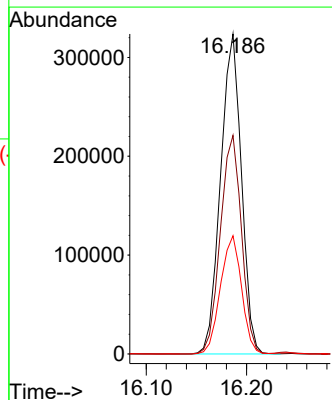
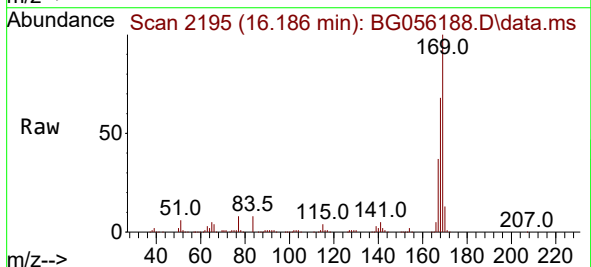
Instrument :
BNA_G
ClientSampleId :
MM-4MS

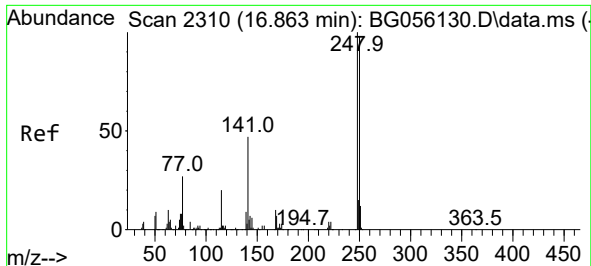
Tgt Ion:198 Resp: 109626
Ion Ratio Lower Upper
198 100
51 15.2 0.0 33.2
105 28.2 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 58.857 ng
RT: 16.186 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:169 Resp: 465919
Ion Ratio Lower Upper
169 100
168 68.3 58.0 87.0
167 37.0 30.0 45.0

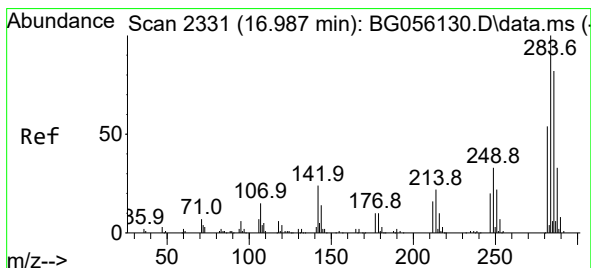
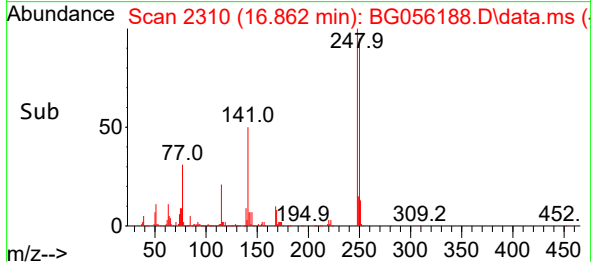
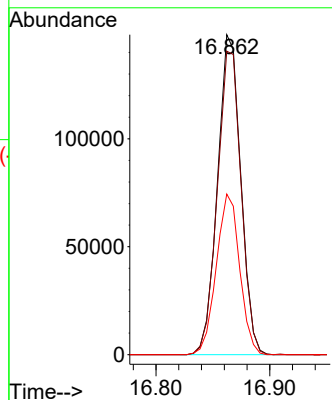
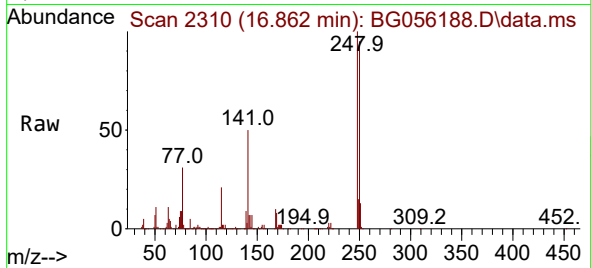




#67
4-Bromophenyl-phenylether
Concen: 57.992 ng
RT: 16.862 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

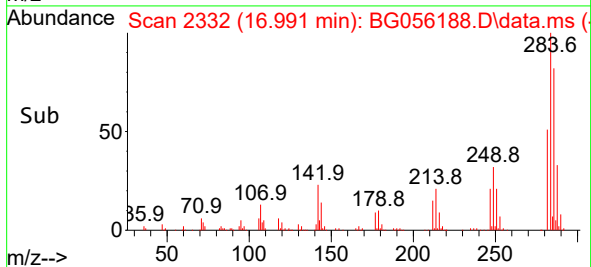
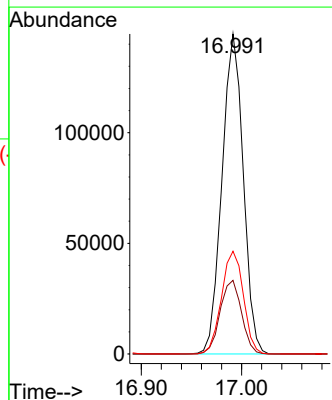
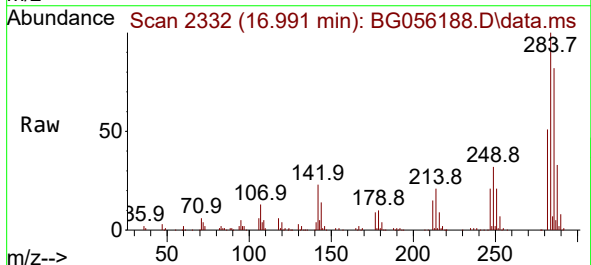
Instrument :
BNA_G
ClientSampleId :
MM-4MS

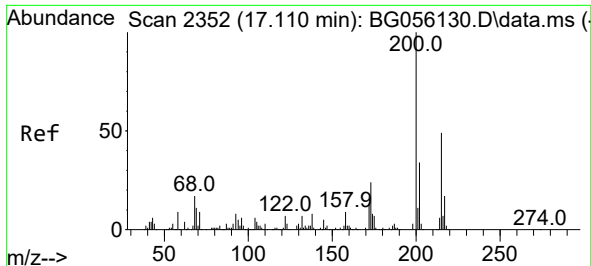
Tgt Ion:248 Resp: 210693
Ion Ratio Lower Upper
248 100
250 94.9 78.2 117.4
141 50.2 37.6 56.4



#68
Hexachlorobenzene
Concen: 62.753 ng
RT: 16.991 min Scan# 2332
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:284 Resp: 212712
Ion Ratio Lower Upper
284 100
142 23.0 19.0 28.6
249 32.1 26.6 39.8

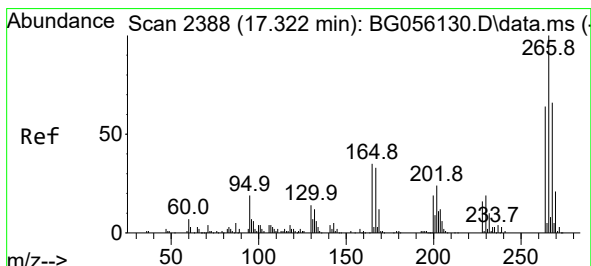
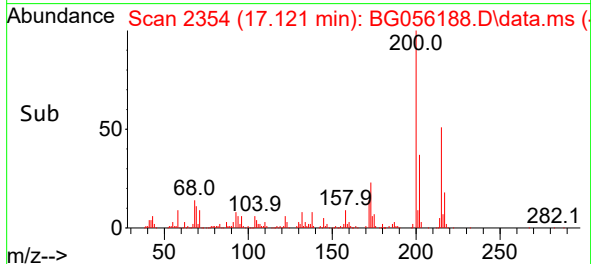
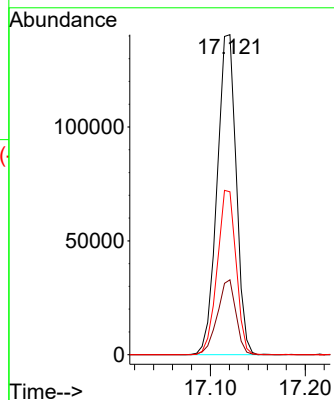
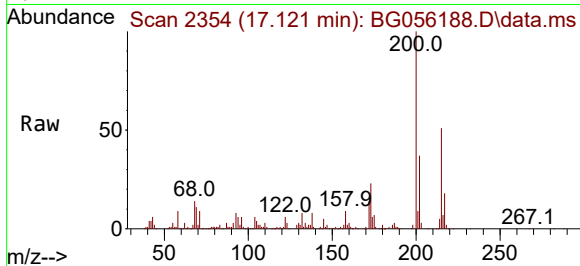




#69
 Atrazine
 Concen: 60.053 ng
 RT: 17.121 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

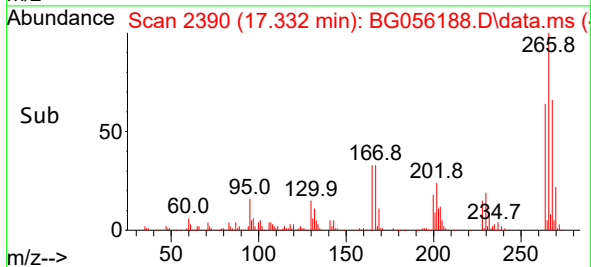
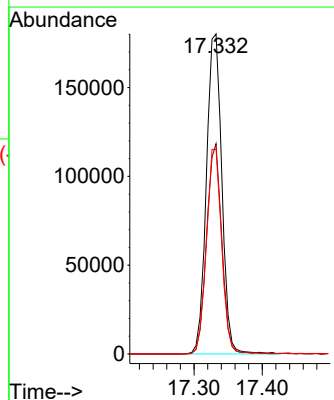
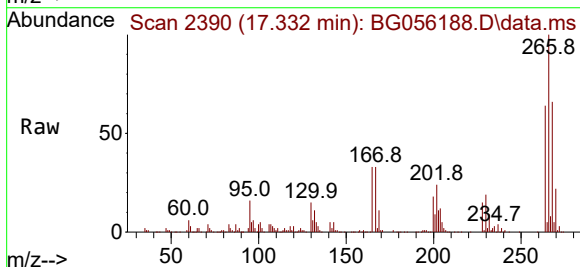
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MS

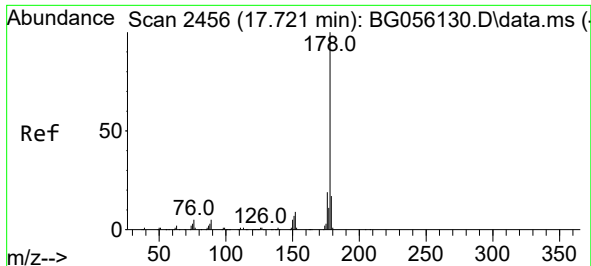
Tgt Ion:200 Resp: 197018
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.0 44.0
 215 50.9 29.1 69.1



#70
 Pentachlorophenol
 Concen: 109.106 ng
 RT: 17.332 min Scan# 2390
 Delta R.T. 0.005 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

Tgt Ion:266 Resp: 284093
 Ion Ratio Lower Upper
 266 100
 268 65.7 53.0 79.4
 264 64.0 51.4 77.2

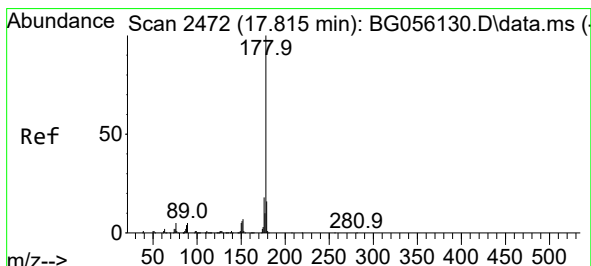
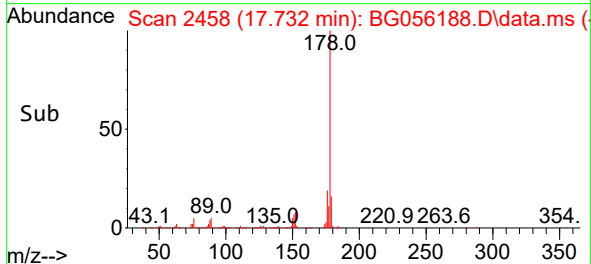
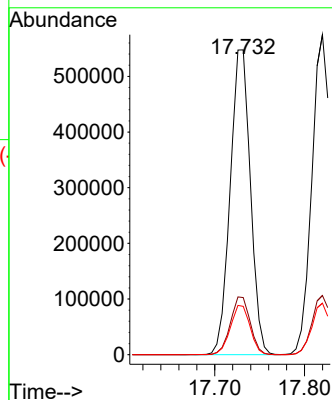
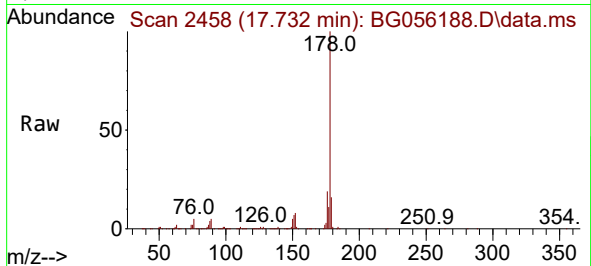




#71
Phenanthrene
Concen: 57.964 ng
RT: 17.732 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

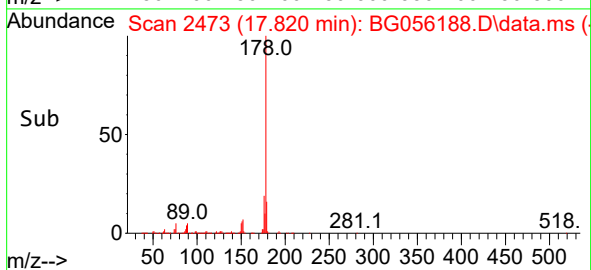
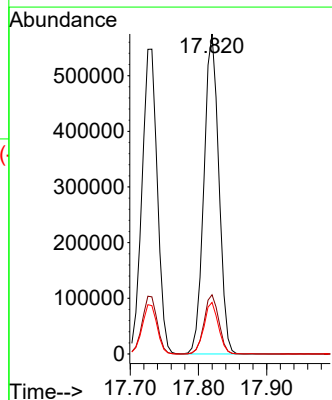
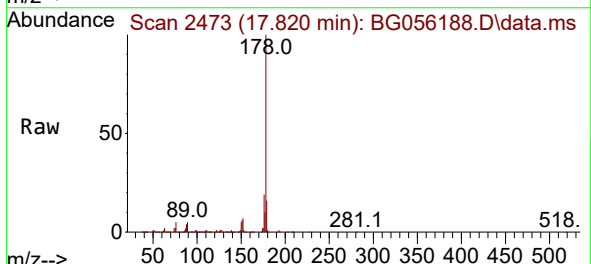
Instrument :
BNA_G
ClientSampleId :
MM-4MS

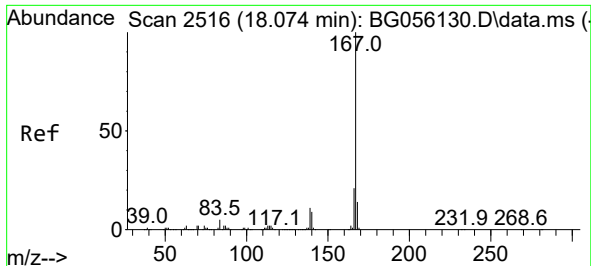
Tgt Ion:178 Resp: 857047
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.8 13.6 20.4



#72
Anthracene
Concen: 57.180 ng
RT: 17.820 min Scan# 2473
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:178 Resp: 872136
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 16.1 12.7 19.1

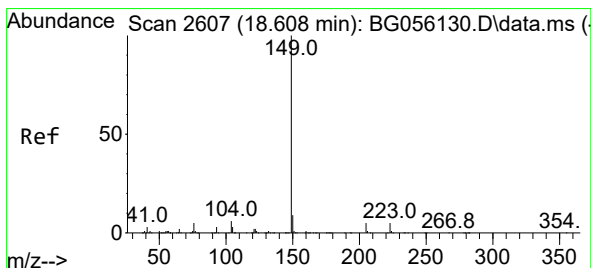
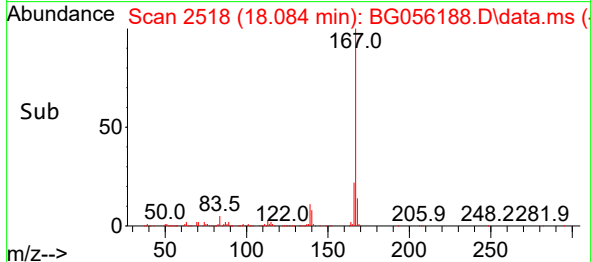
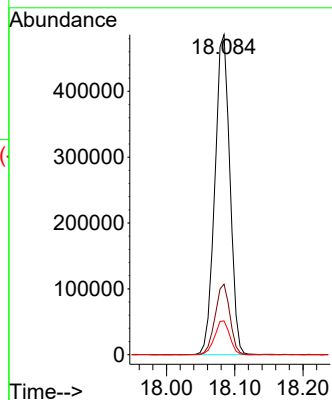
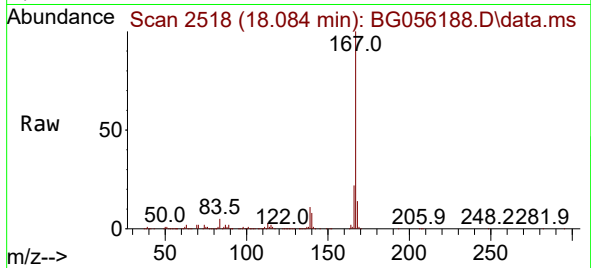




#73
 Carbazole
 Concen: 58.101 ng
 RT: 18.084 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

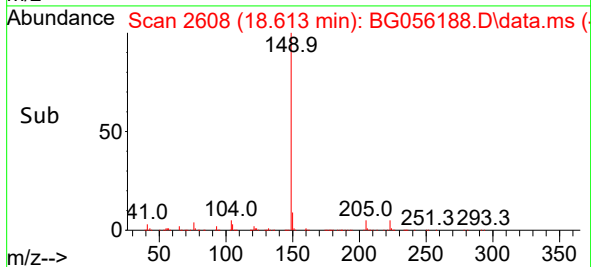
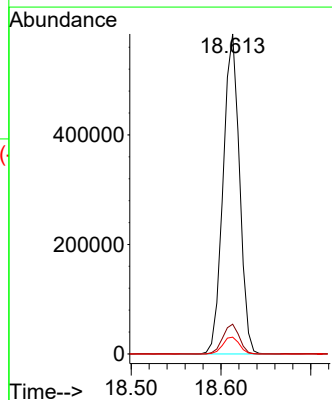
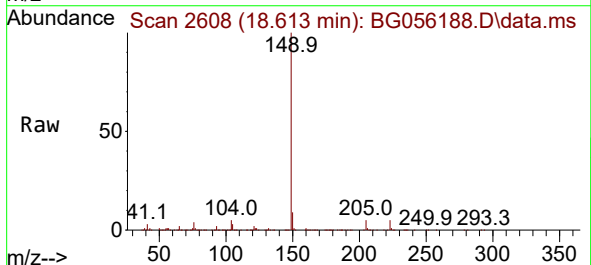
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MS

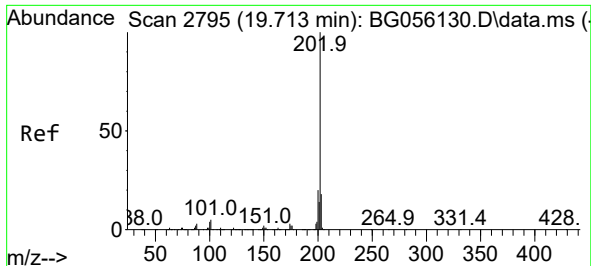
Tgt Ion:167 Resp: 744901
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.8 25.2
 139 10.6 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 57.879 ng
 RT: 18.613 min Scan# 2608
 Delta R.T. -0.001 min
 Lab File: BG056188.D
 Acq: 3 Jan 2023 16:17

Tgt Ion:149 Resp: 739717
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 4.4 6.6

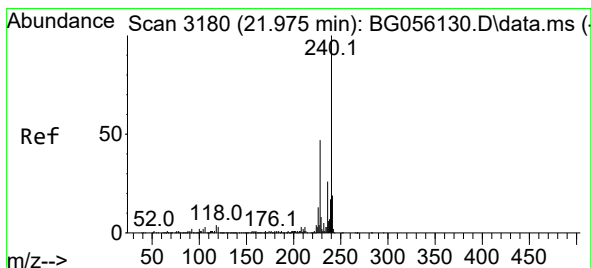
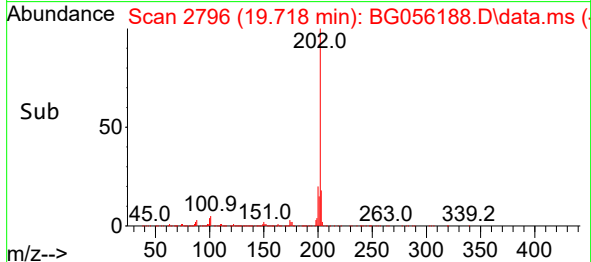
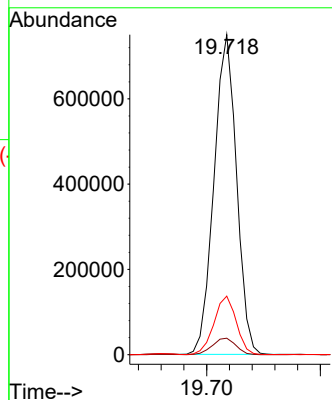
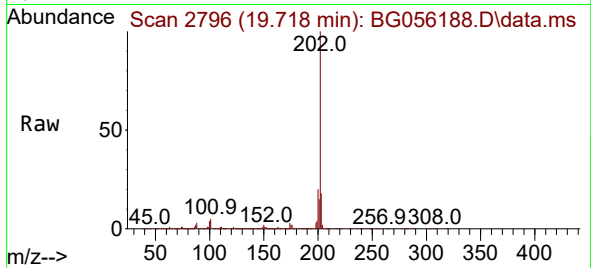




#75
Fluoranthene
Concen: 53.442 ng
RT: 19.718 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

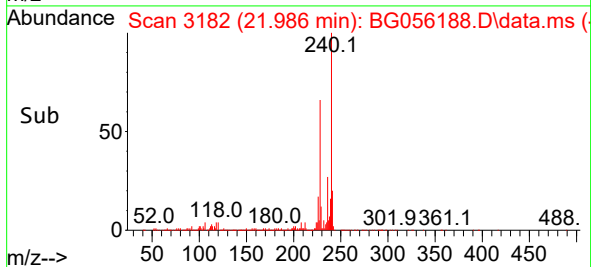
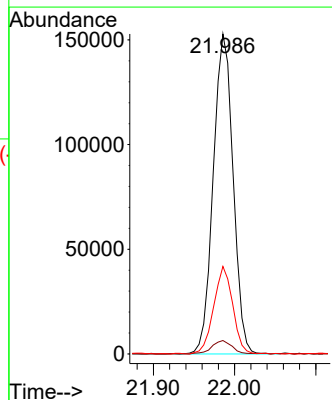
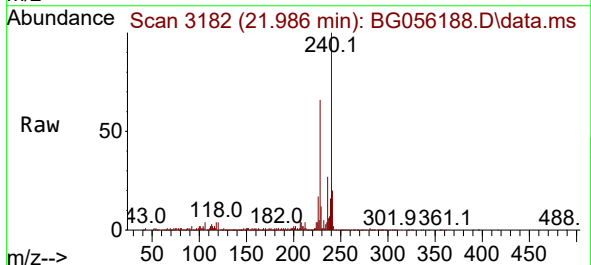
Instrument :
BNA_G
ClientSampleId :
MM-4MS

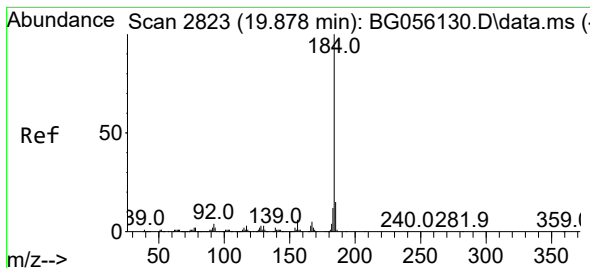
Tgt Ion:202 Resp: 1030723
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.0
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.986 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:240 Resp: 259776
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 27.4 20.8 31.2





#77

Benzidine

Concen: 58.631 ng

RT: 19.882 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

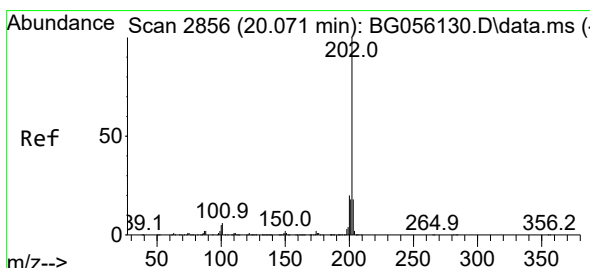
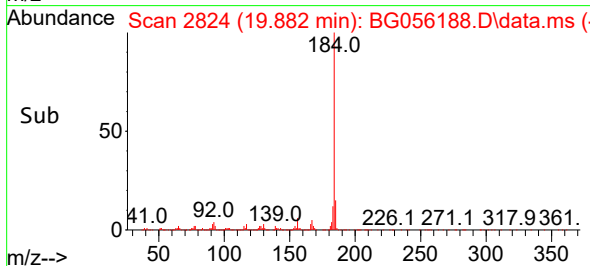
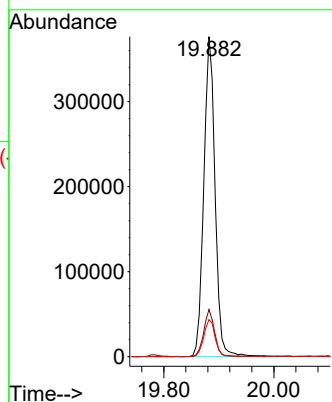
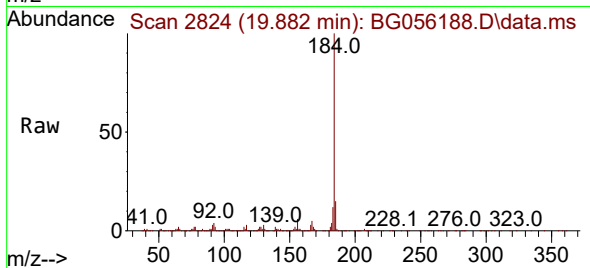
Tgt Ion:184 Resp: 533754

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 11.6 9.4 14.0



#78

Pyrene

Concen: 57.320 ng

RT: 20.076 min Scan# 2857

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

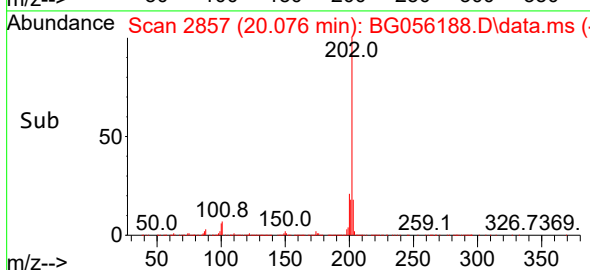
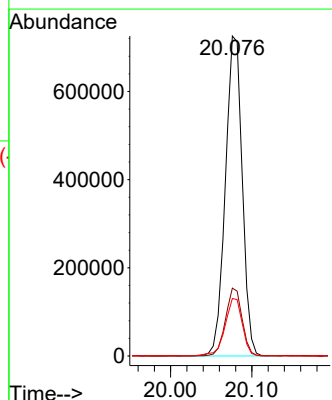
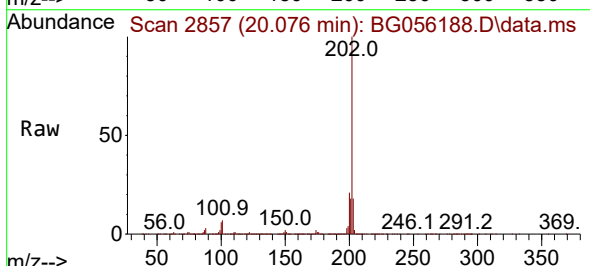
Tgt Ion:202 Resp: 1049542

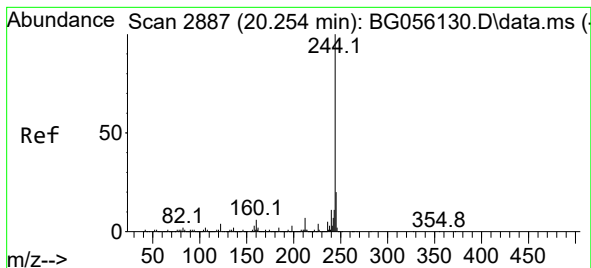
Ion Ratio Lower Upper

202 100

200 21.2 16.4 24.6

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 121.398 ng

RT: 20.258 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

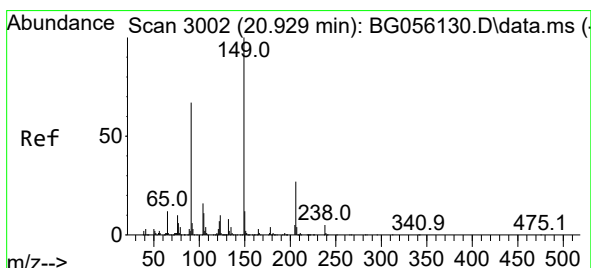
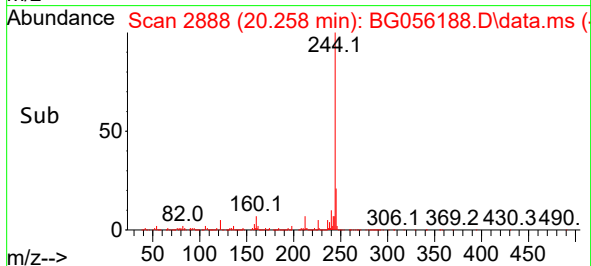
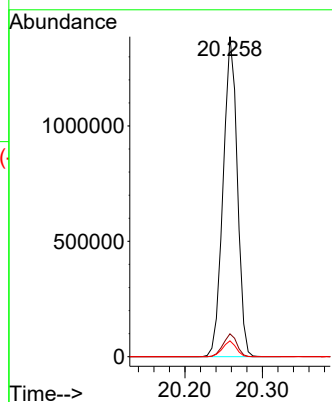
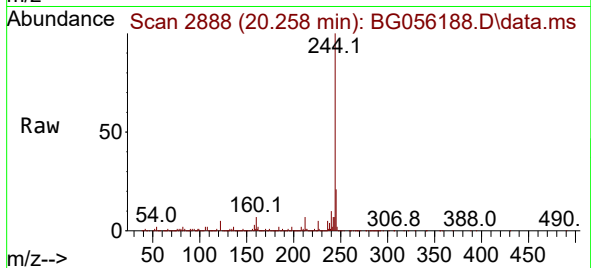
Tgt Ion:244 Resp: 1760776

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 5.0 3.5 5.3



#80

Butylbenzylphthalate

Concen: 57.687 ng

RT: 20.940 min Scan# 3004

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

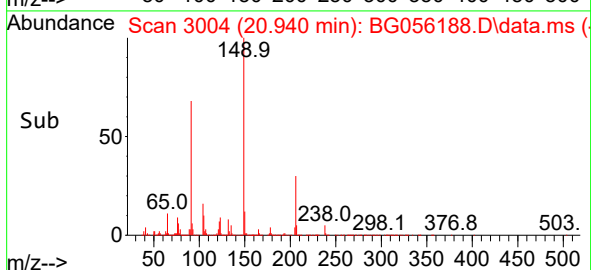
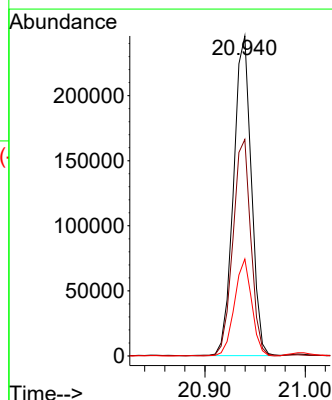
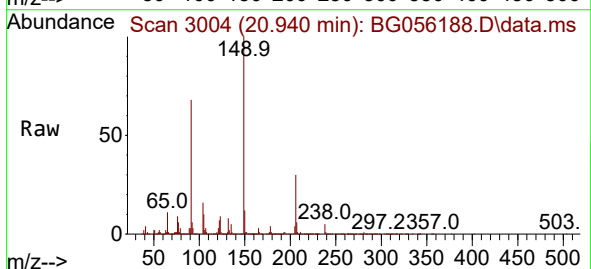
Tgt Ion:149 Resp: 303033

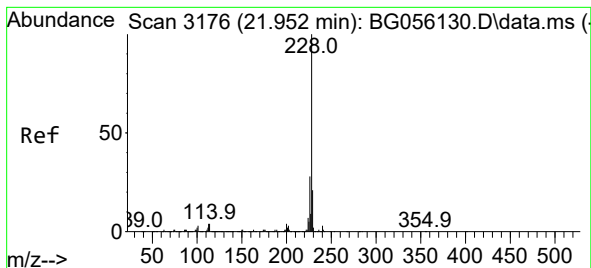
Ion Ratio Lower Upper

149 100

91 67.7 53.5 80.3

206 30.3 21.9 32.9





#81

Benzo(a)anthracene

Concen: 57.155 ng

RT: 21.962 min Scan# 3176

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

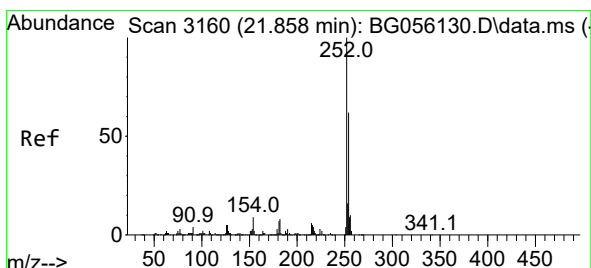
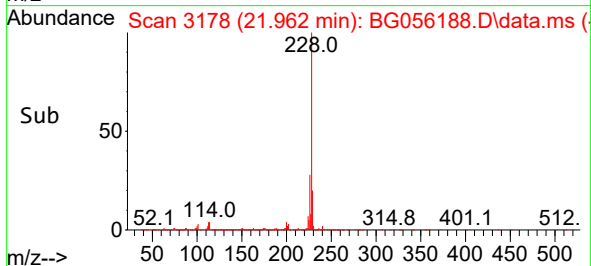
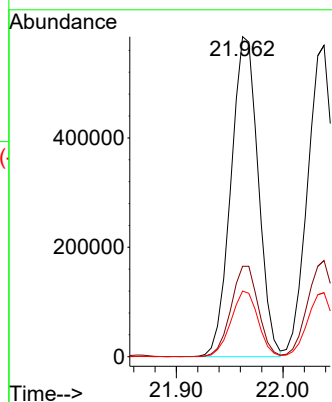
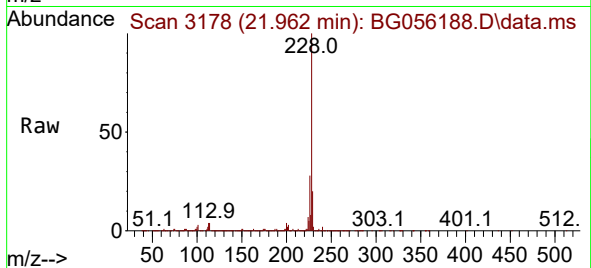
Tgt Ion:228 Resp: 1042838

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

229 20.5 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 39.221 ng

RT: 21.862 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

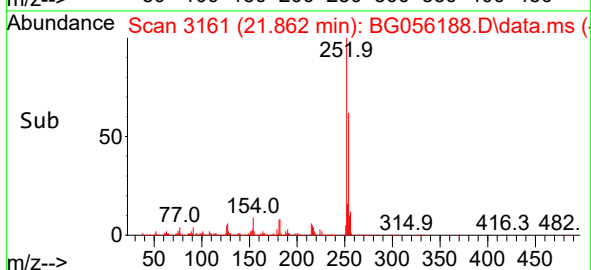
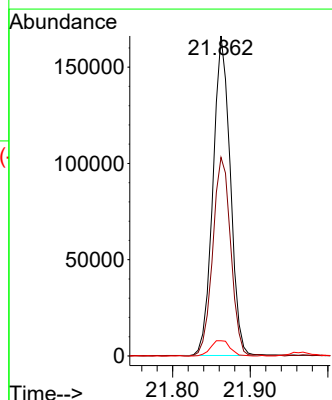
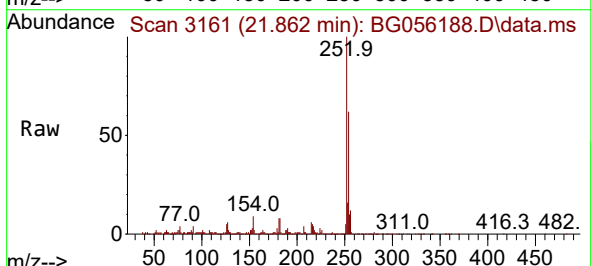
Tgt Ion:252 Resp: 257607

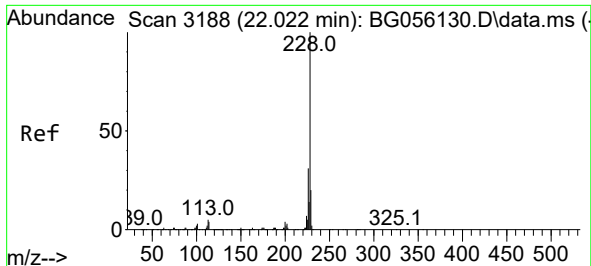
Ion Ratio Lower Upper

252 100

254 62.1 49.5 74.3

126 4.8 4.0 6.0

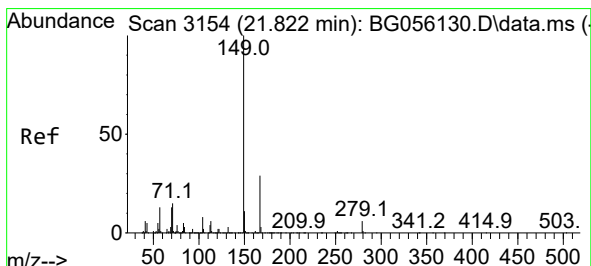
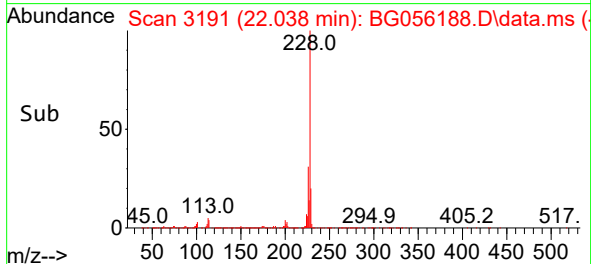
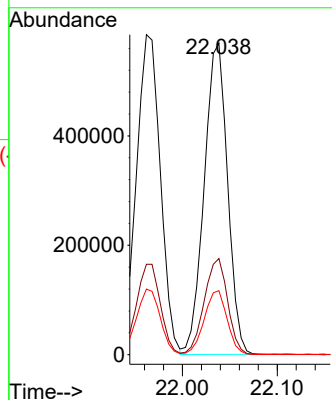
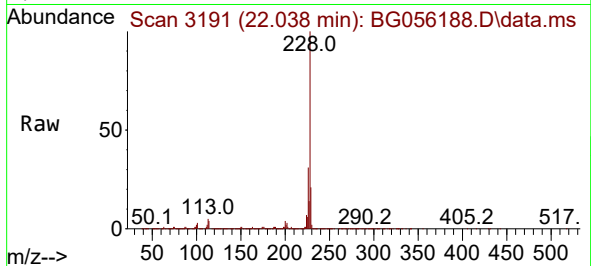




#83
Chrysene
Concen: 57.020 ng
RT: 22.038 min Scan# 3188
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

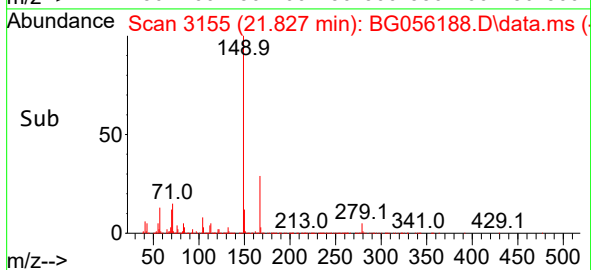
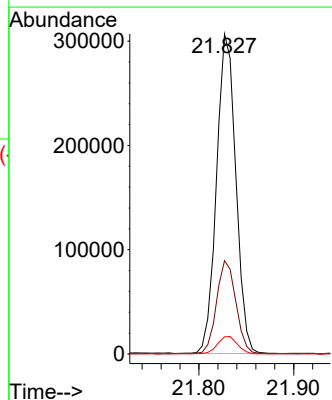
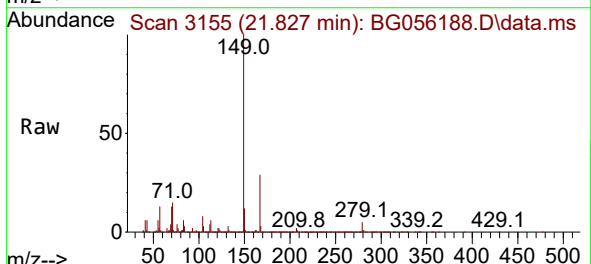
Instrument :
BNA_G
ClientSampleId :
MM-4MS

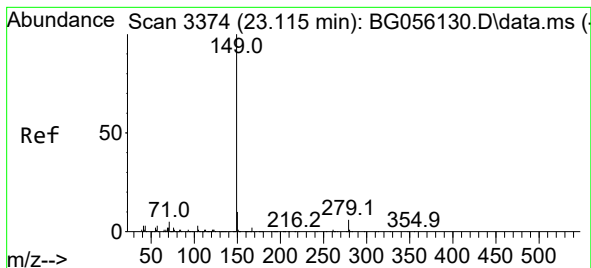
Tgt Ion:228 Resp: 974537
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 20.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.236 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:149 Resp: 433164
Ion Ratio Lower Upper
149 100
167 29.2 23.4 35.2
279 5.4 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 57.476 ng

RT: 23.119 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

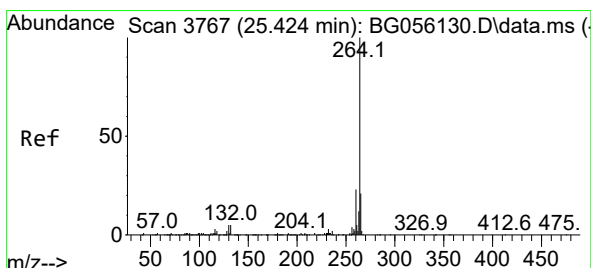
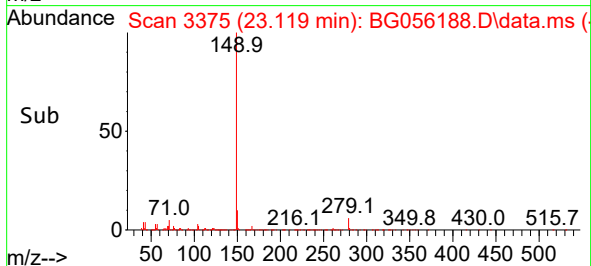
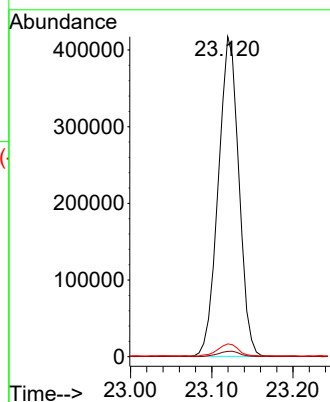
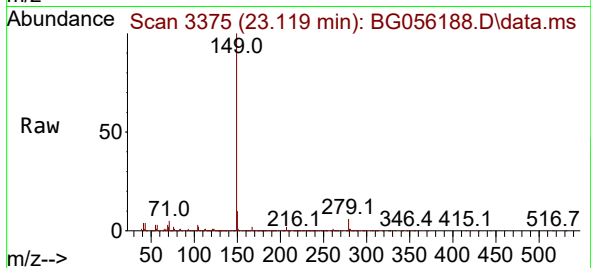
Tgt Ion:149 Resp: 734321

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.7 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.446 min Scan# 3771

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

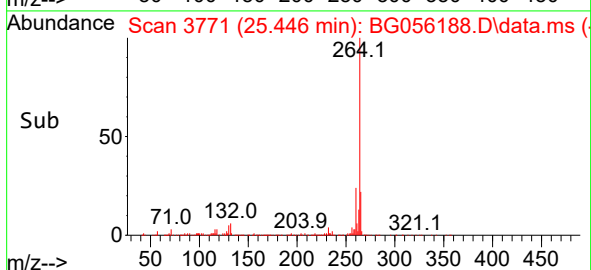
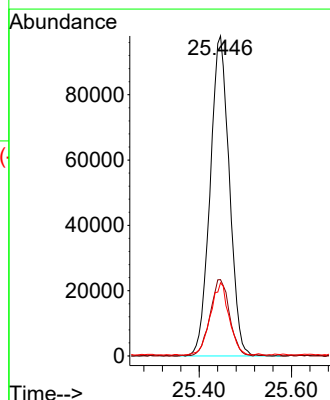
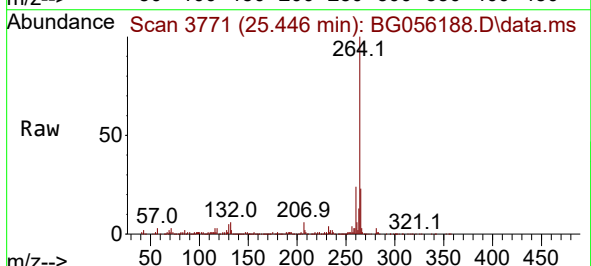
Tgt Ion:264 Resp: 282699

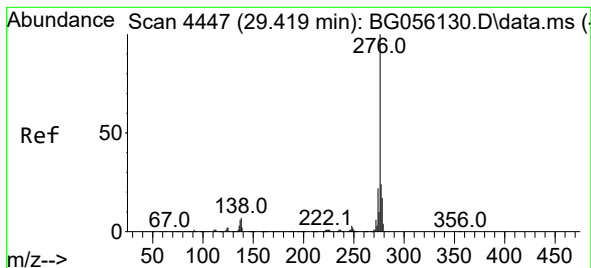
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.690 ng

RT: 29.430 min Scan# 4449

Delta R.T. -0.007 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

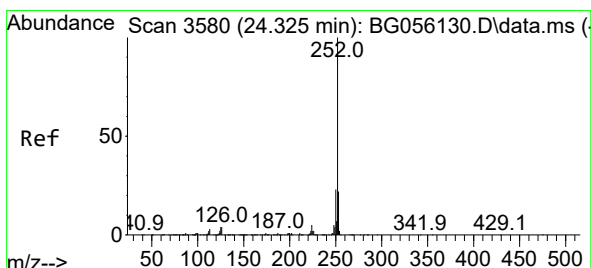
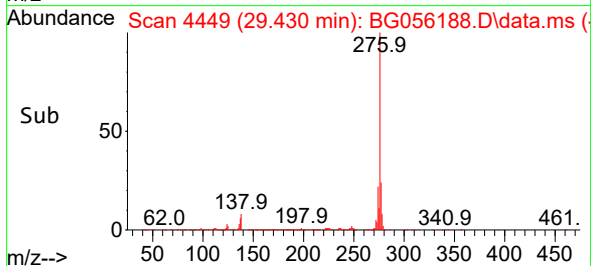
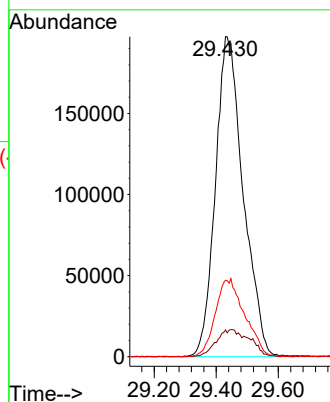
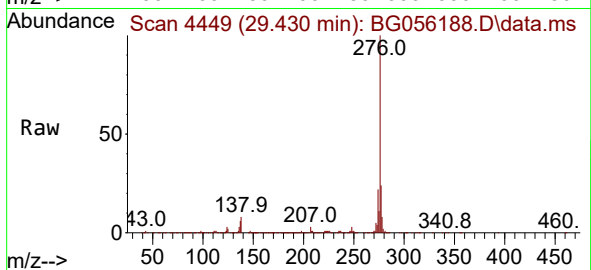
Tgt Ion:276 Resp: 1227204

Ion Ratio Lower Upper

276 100

138 10.3 5.0 7.4#

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 60.747 ng

RT: 24.342 min Scan# 3583

Delta R.T. -0.001 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

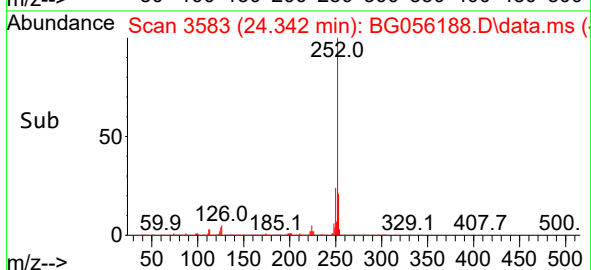
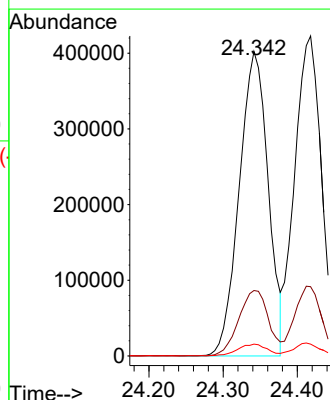
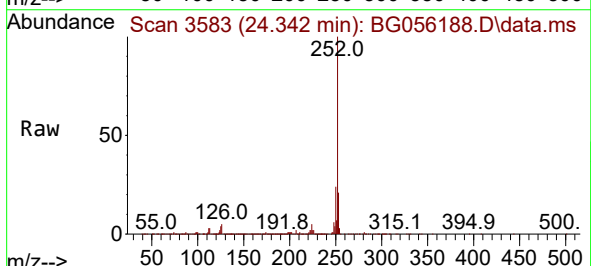
Tgt Ion:252 Resp: 1091116

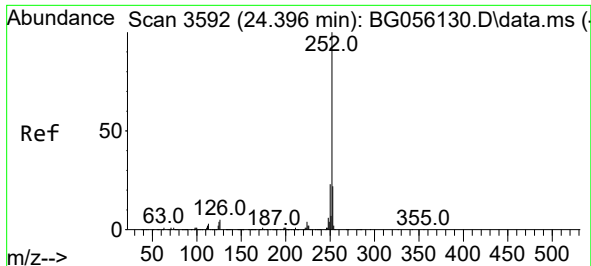
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 3.9 3.0 4.4

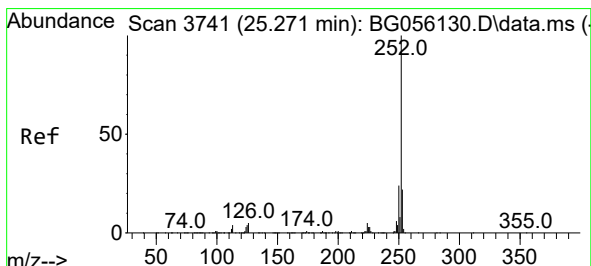
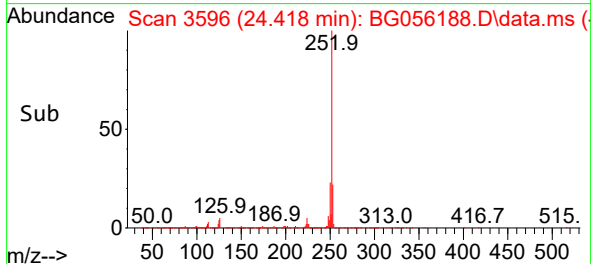
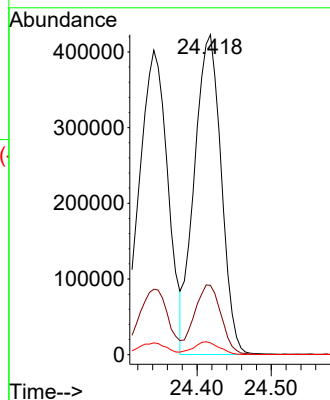
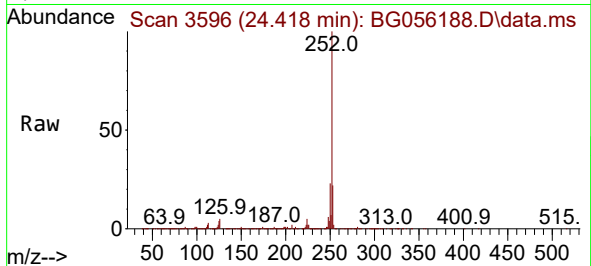




#89
Benzo(k)fluoranthene
Concen: 59.282 ng
RT: 24.418 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

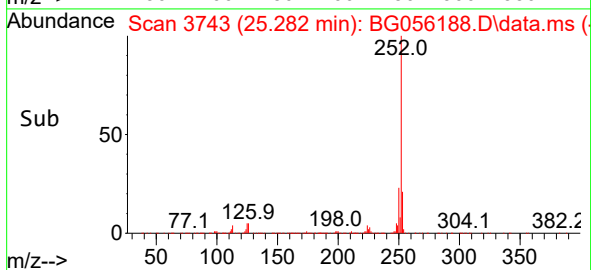
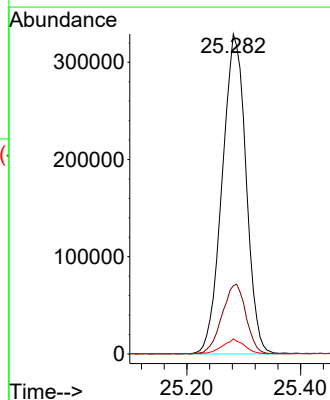
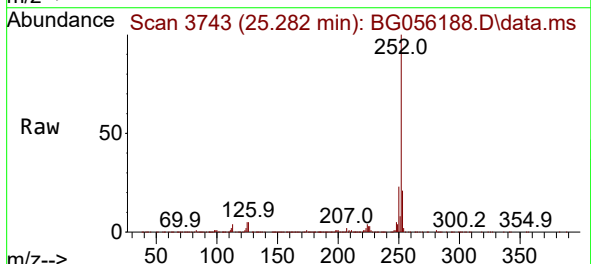
Instrument :
BNA_G
ClientSampleId :
MM-4MS

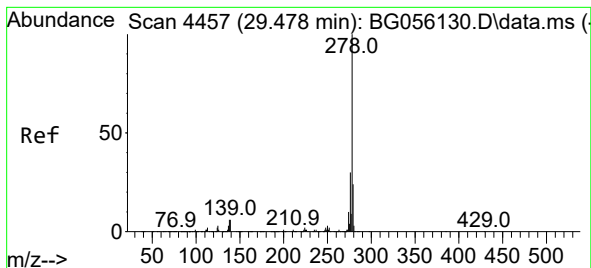
Tgt Ion:252 Resp: 1060321
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 3.7 3.4 5.0



#90
Benzo(a)pyrene
Concen: 54.669 ng
RT: 25.282 min Scan# 3743
Delta R.T. -0.001 min
Lab File: BG056188.D
Acq: 3 Jan 2023 16:17

Tgt Ion:252 Resp: 957746
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 4.7 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 60.374 ng

RT: 29.512 min Scan# 4463

Delta R.T. 0.010 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Instrument :

BNA_G

ClientSampleId :

MM-4MS

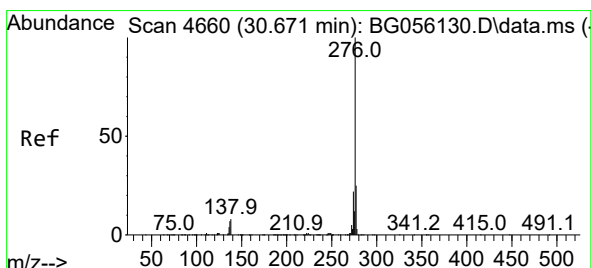
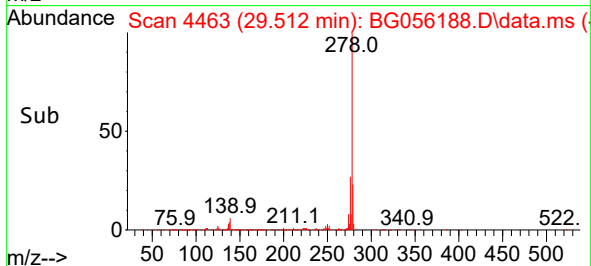
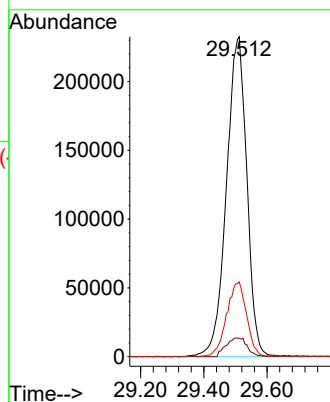
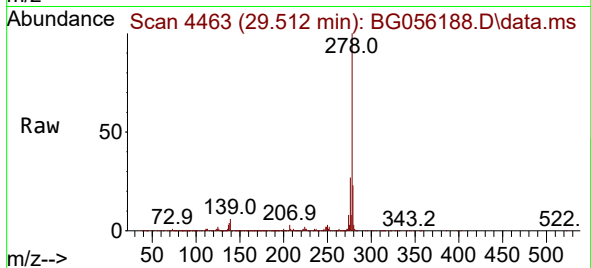
Tgt Ion:278 Resp: 1040677

Ion Ratio Lower Upper

278 100

139 5.7 4.8 7.2

279 23.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 59.145 ng

RT: 30.693 min Scan# 4664

Delta R.T. 0.005 min

Lab File: BG056188.D

Acq: 3 Jan 2023 16:17

Tgt Ion:276 Resp: 988646

Ion Ratio Lower Upper

276 100

277 22.7 19.7 29.5

138 8.2 6.7 10.1

