

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056189.D
 Acq On : 3 Jan 2023 16:59
 Operator : CG/JU
 Sample : N6224-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

Quant Time: Jan 04 02:14:23 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	8.342	152	38884	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	142117	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	114754	20.000	ng	0.00
64) Phenanthrene-d10	17.684	188	284724	20.000	ng	0.00
76) Chrysene-d12	21.985	240	267156	20.000	ng	0.00
86) Perylene-d12	25.445	264	287026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.862	112	409461	188.019	ng	0.02
7) Phenol-d6	7.478	99	571142	170.774	ng	0.00
23) Nitrobenzene-d5	9.517	82	302351	108.824	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	252568	173.784	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	954491	114.859	ng	0.00
79) Terphenyl-d14	20.257	244	1782630	119.510	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.677	88	47321	47.572	ng	# 96
3) Pyridine	4.094	79	133178	43.958	ng	96
4) n-Nitrosodimethylamine	4.006	42	31606	51.284	ng	90
6) Aniline	7.654	93	170016	38.765	ng	94
8) 2-Chlorophenol	7.901	128	139786	64.503	ng	91
9) Benzaldehyde	7.460	77	79989	40.224	ng	94
10) Phenol	7.502	94	201790	59.495	ng	98
11) bis(2-Chloroethyl)ether	7.742	93	122312	53.214	ng	95
12) 1,3-Dichlorobenzene	8.230	146	159621	60.520	ng	96
13) 1,4-Dichlorobenzene	8.377	146	161389	60.935	ng	98
14) 1,2-Dichlorobenzene	8.700	146	155447	60.827	ng	98
15) Benzyl Alcohol	8.571	79	133867	54.997	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.865	45	23743	58.455	ng	88
17) 2-Methylphenol	8.771	107	137892	55.406	ng	97
18) Hexachloroethane	9.440	117	51037	63.432	ng	97
19) n-Nitroso-di-n-propyla...	9.141	70	96420	47.411	ng	95
20) 3+4-Methylphenols	9.100	107	187377	53.551	ng	97
22) Acetophenone	9.164	105	220308	54.825	ng	97
24) Nitrobenzene	9.558	77	147626	53.617	ng	97
25) Isophorone	10.075	82	286267	48.970	ng	97
26) 2-Nitrophenol	10.275	139	84579	60.038	ng	96
27) 2,4-Dimethylphenol	10.316	122	153317	59.669	ng	98
28) bis(2-Chloroethoxy)met...	10.551	93	165530	54.482	ng	99
29) 2,4-Dichlorophenol	10.809	162	176170	62.017	ng	99
30) 1,2,4-Trichlorobenzene	11.027	180	193193	59.930	ng	97
31) Naphthalene	11.227	128	429374	57.407	ng	100
32) Benzoic acid	10.439	122	106157	55.683	ng	96
33) 4-Chloroaniline	11.321	127	99828	27.955	ng	98
34) Hexachlorobutadiene	11.497	225	138080	59.556	ng	94
35) Caprolactam	12.090	113	40175	41.772	ng	96
36) 4-Chloro-3-methylphenol	12.413	107	162206	56.273	ng	98
37) 2-Methylnaphthalene	12.801	142	329347	52.150	ng	99
38) 1-Methylnaphthalene	13.019	142	315763	53.843	ng	97
40) 1,2,4,5-Tetrachloroben...	13.160	216	254553	59.185	ng	99
41) Hexachlorocyclopentadiene	13.136	237	318715	129.978	ng	95
43) 2,4,6-Trichlorophenol	13.389	196	173680	61.069	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056189.D
 Acq On : 3 Jan 2023 16:59
 Operator : CG/JU
 Sample : N6224-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

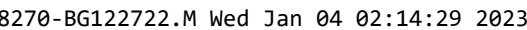
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

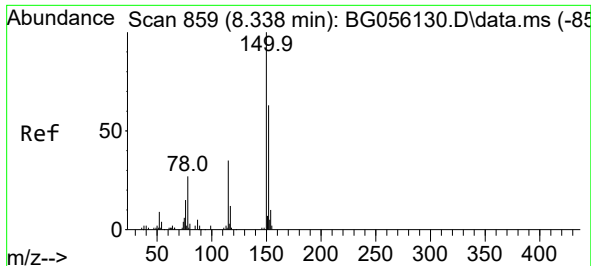
Quant Time: Jan 04 02:14:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.465	196	187095	55.613	ng	98
46) 1,1'-Biphenyl	13.788	154	488065	59.388	ng	98
47) 2-Chloronaphthalene	13.835	162	389957	60.115	ng	98
48) 2-Nitroaniline	14.029	65	75080	54.323	ng	92
49) Acenaphthylene	14.676	152	594910	56.357	ng	99
50) Dimethylphthalate	14.388	163	489904	52.885	ng	98
51) 2,6-Dinitrotoluene	14.511	165	109229	55.336	ng	95
52) Acenaphthene	15.016	154	378114	55.073	ng	98
53) 3-Nitroaniline	14.846	138	79060	42.085	ng	90
54) 2,4-Dinitrophenol	15.052	184	164178	116.426	ng	96
55) Dibenzofuran	15.345	168	625326	55.039	ng	98
56) 4-Nitrophenol	15.134	139	170398	117.938	ng	94
57) 2,4-Dinitrotoluene	15.298	165	154295	55.893	ng	90
58) Fluorene	15.992	166	500598	54.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.563	232	182481	57.769	ng	96
60) Diethylphthalate	15.739	149	458555	52.783	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	307558	53.931	ng	98
62) 4-Nitroaniline	16.003	138	99665	51.792	ng	98
63) Azobenzene	16.268	77	356672	53.203	ng	96
65) 4,6-Dinitro-2-methylph...	16.056	198	111605	58.179	ng	98
66) n-Nitrosodiphenylamine	16.186	169	463506	58.673	ng	98
67) 4-Bromophenyl-phenylether	16.861	248	208509	57.509	ng	98
68) Hexachlorobenzene	16.990	284	212195	62.730	ng	98
69) Atrazine	17.120	200	196856	60.127	ng	97
70) Pentachlorophenol	17.331	266	289813	111.532	ng	98
71) Phenanthrene	17.731	178	850298	57.627	ng	98
72) Anthracene	17.819	178	867035	56.963	ng	99
73) Carbazole	18.083	167	743795	58.135	ng	99
74) Di-n-butylphthalate	18.612	149	741307	58.123	ng	100
75) Fluoranthene	19.717	202	1051485	54.631	ng	99
77) Benzidine	19.881	184	529633	56.571	ng	98
78) Pyrene	20.075	202	1064610	56.537	ng	99
80) Butylbenzylphthalate	20.939	149	307098	56.846	ng	98
81) Benzo(a)anthracene	21.961	228	1050994	56.010	ng	99
82) 3,3'-Dichlorobenzidine	21.861	252	264667	39.182	ng	99
83) Chrysene	22.037	228	988511	56.240	ng	99
84) Bis(2-ethylhexyl)phtha...	21.832	149	435127	55.907	ng	98
85) Di-n-octyl phthalate	23.119	149	747717	56.908	ng	99
87) Indeno(1,2,3-cd)pyrene	29.435	276	1249474	59.857	ng	# 98
88) Benzo(b)fluoranthene	24.347	252	1097415	60.177	ng	98
89) Benzo(k)fluoranthene	24.417	252	1076432	59.275	ng	99
90) Benzo(a)pyrene	25.287	252	974254	54.773	ng	99
91) Dibenzo(a,h)anthracene	29.511	278	1057987	60.453	ng	98
92) Benzo(g,h,i)perylene	30.692	276	1009528	59.484	ng	97

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

Quant Time: Jan 04 02:14:23 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

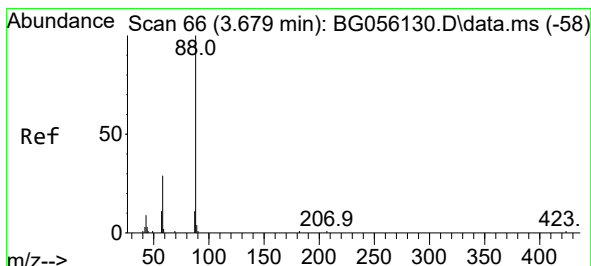
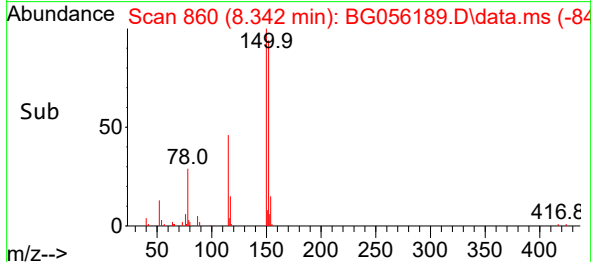
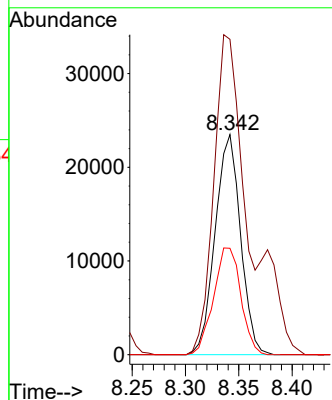
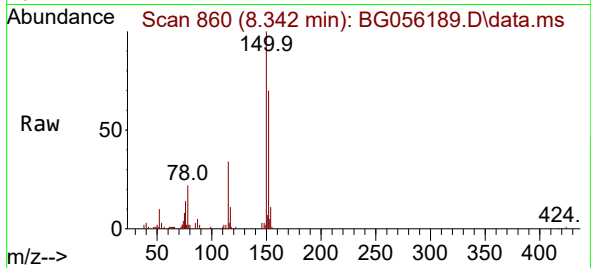




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

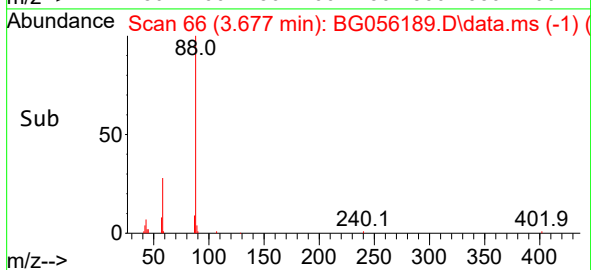
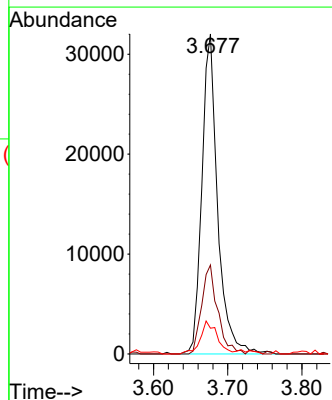
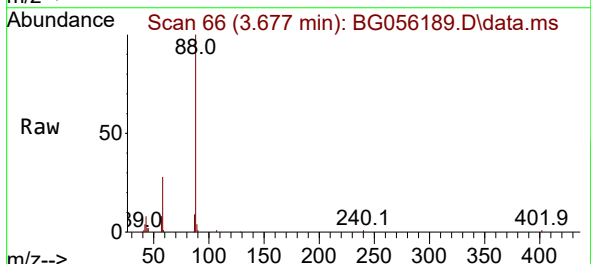
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

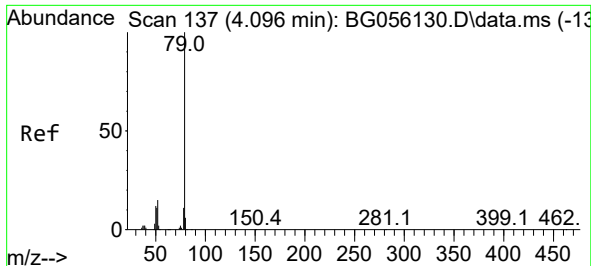
Tgt Ion:152 Resp: 38884
Ion Ratio Lower Upper
152 100
150 143.2 127.9 191.9
115 48.3 44.2 66.2



#2
1,4-Dioxane
Concen: 47.572 ng
RT: 3.677 min Scan# 66
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 88 Resp: 47321
Ion Ratio Lower Upper
88 100
58 28.2 21.4 32.0
43 10.9 7.1 10.7#

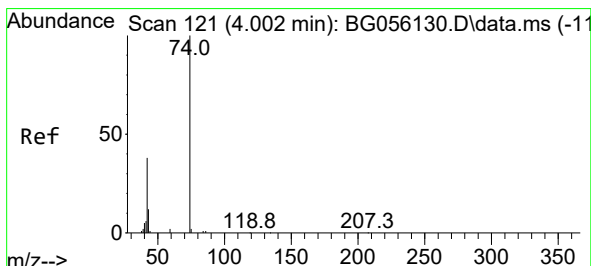
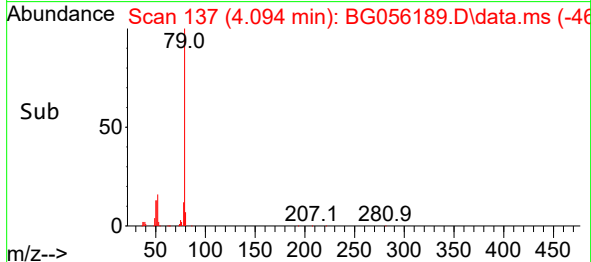
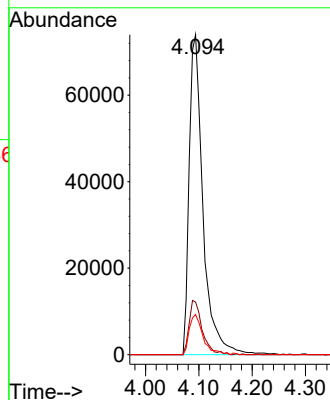
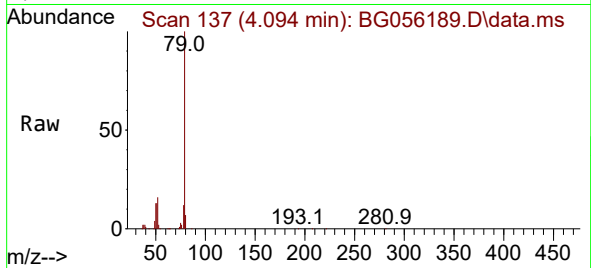




#3
 Pyridine
 Concen: 43.958 ng
 RT: 4.094 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

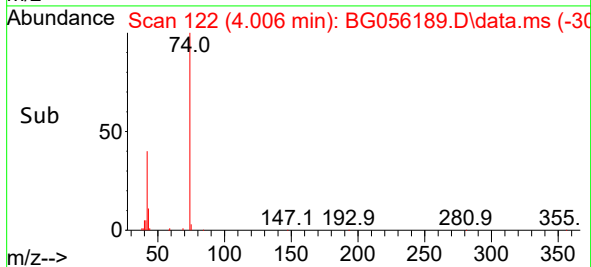
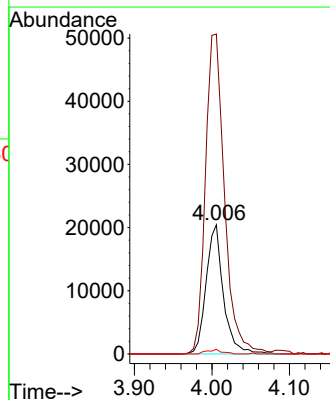
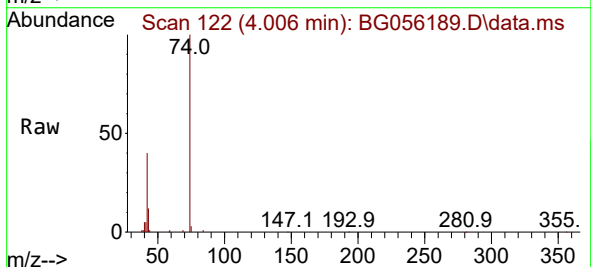
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

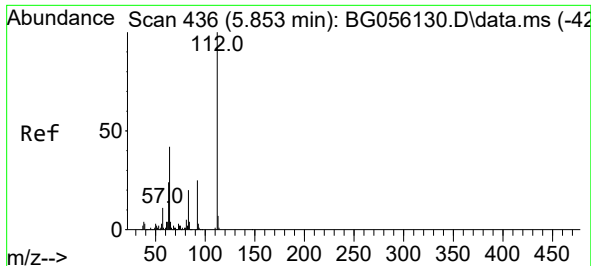
Tgt Ion: 79 Resp: 133178
 Ion Ratio Lower Upper
 79 100
 52 16.5 11.8 17.6
 51 12.5 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 51.284 ng
 RT: 4.006 min Scan# 122
 Delta R.T. 0.009 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

Tgt Ion: 42 Resp: 31606
 Ion Ratio Lower Upper
 42 100
 74 247.8 212.6 319.0
 44 3.5 2.6 3.8

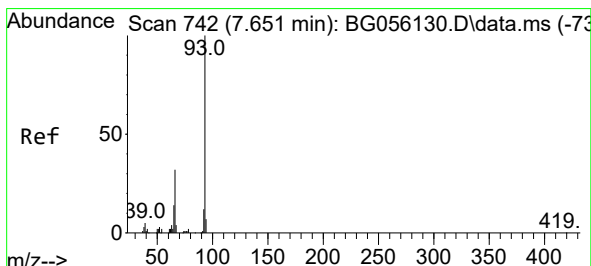
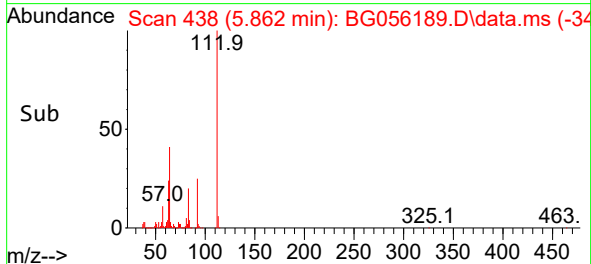
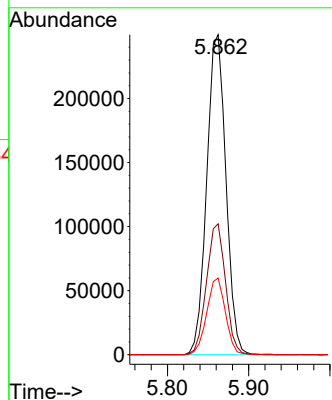
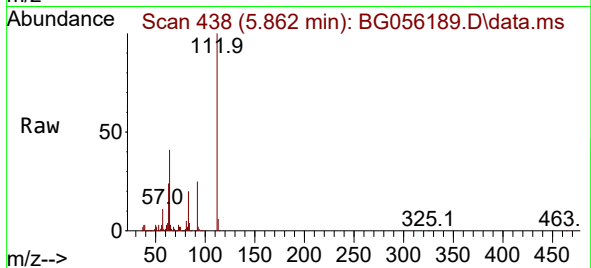




#5
2-Fluorophenol
Concen: 188.019 ng
RT: 5.862 min Scan# 41
Delta R.T. 0.015 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

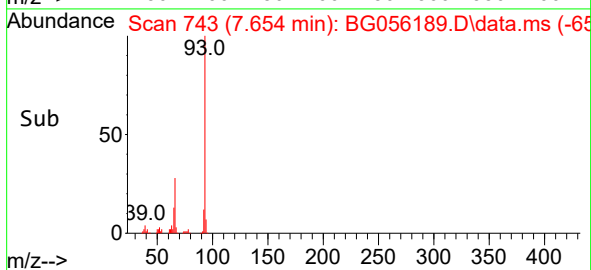
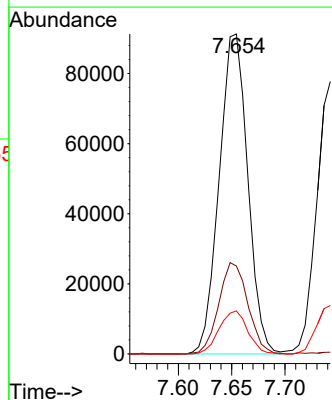
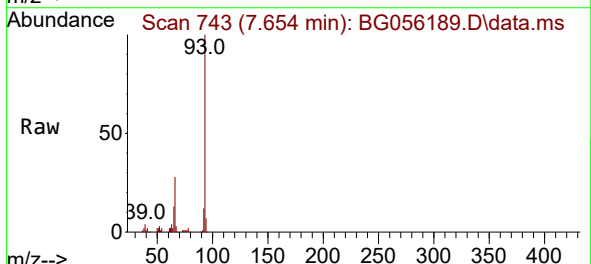
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

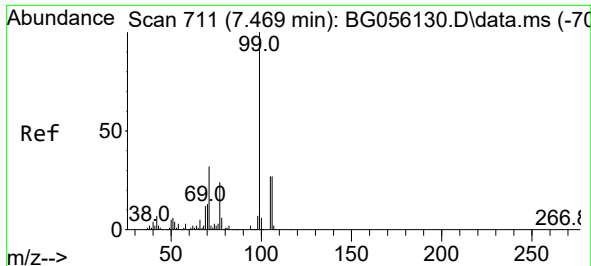
Tgt Ion:112 Resp: 409461
Ion Ratio Lower Upper
112 100
64 40.9 33.3 49.9
63 24.0 19.0 28.4



#6
Aniline
Concen: 38.765 ng
RT: 7.654 min Scan# 743
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 93 Resp: 170016
Ion Ratio Lower Upper
93 100
66 27.5 25.4 38.2
65 13.4 11.4 17.2

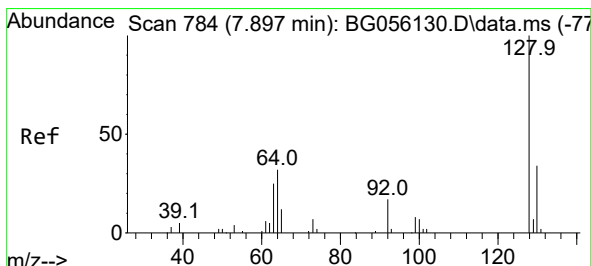
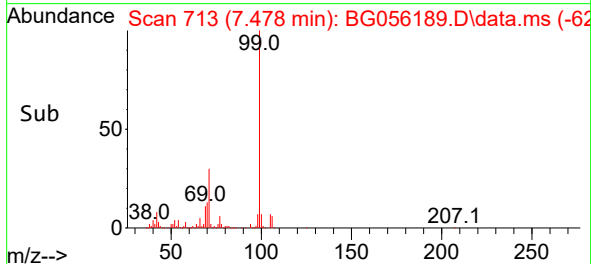
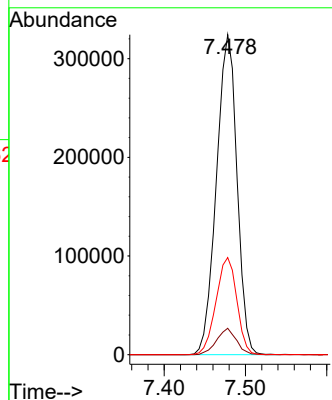
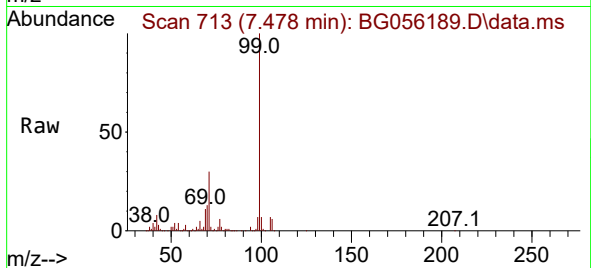




#7
Phenol-d6
Concen: 170.774 ng
RT: 7.478 min Scan# 711
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

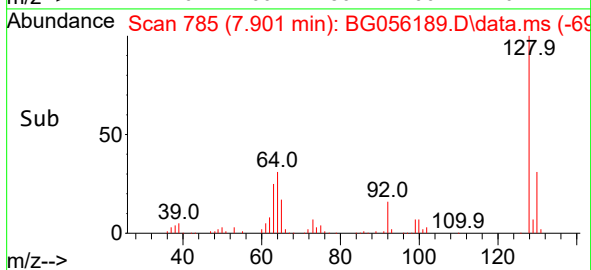
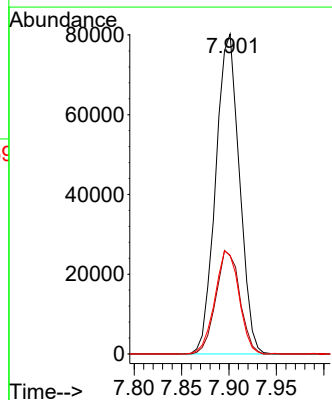
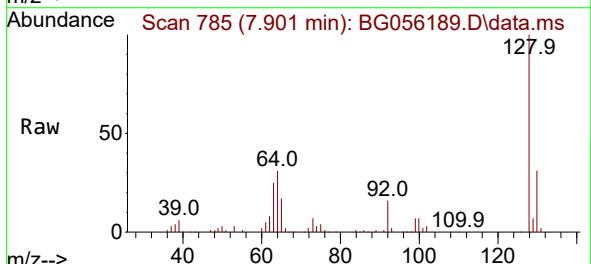
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

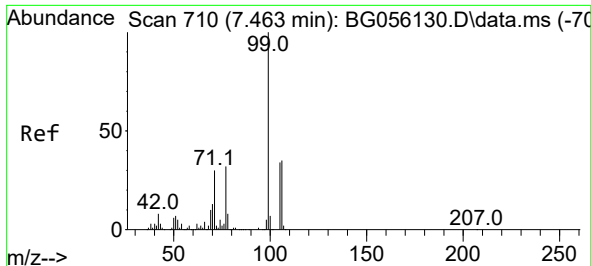
Tgt Ion: 99 Resp: 571142
Ion Ratio Lower Upper
99 100
42 8.3 5.9 8.9
71 30.4 25.4 38.2



#8
2-Chlorophenol
Concen: 64.503 ng
RT: 7.901 min Scan# 785
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:128 Resp: 139786
Ion Ratio Lower Upper
128 100
130 30.7 13.5 53.5
64 30.8 18.0 58.0

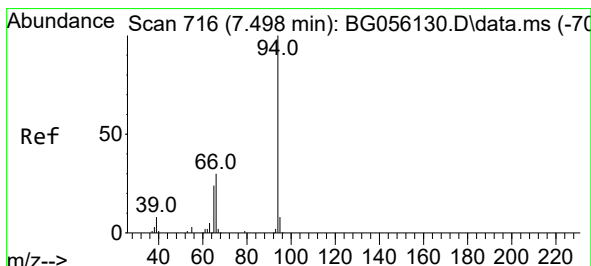
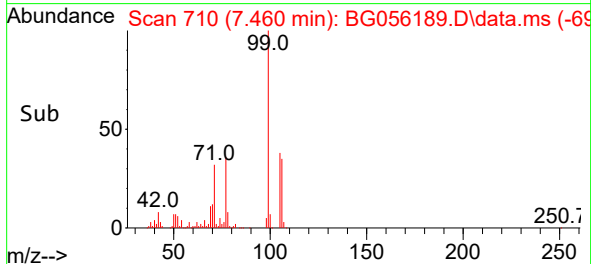
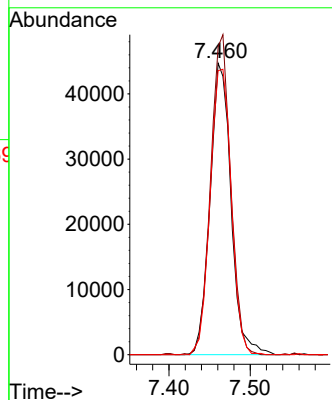
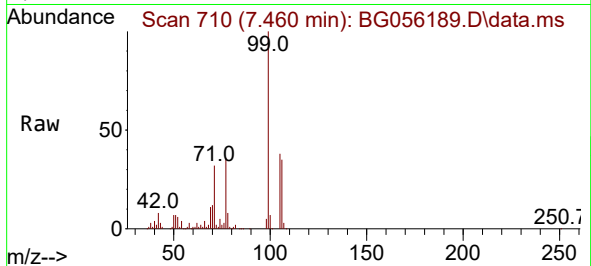




#9
Benzaldehyde
Concen: 40.224 ng
RT: 7.460 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

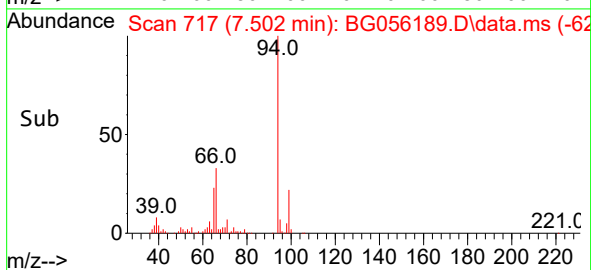
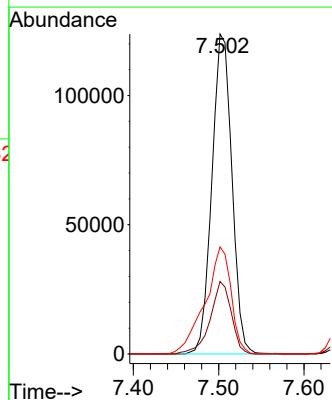
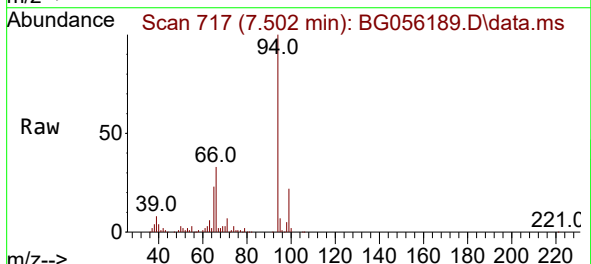
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

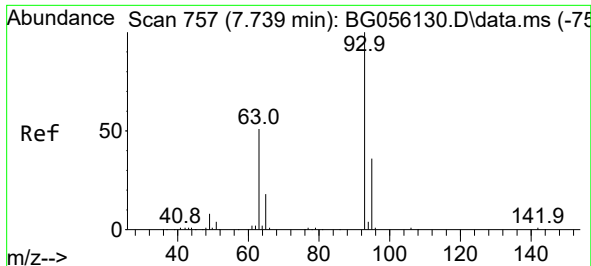
Tgt Ion: 77 Resp: 79989
Ion Ratio Lower Upper
77 100
105 105.6 86.8 126.8
106 97.4 89.3 129.3



#10
Phenol
Concen: 59.495 ng
RT: 7.502 min Scan# 717
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 94 Resp: 201790
Ion Ratio Lower Upper
94 100
65 22.7 4.3 44.3
66 33.5 13.2 53.2

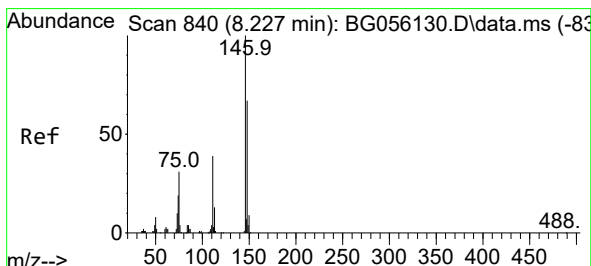
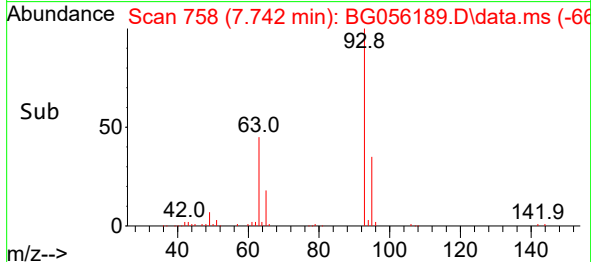
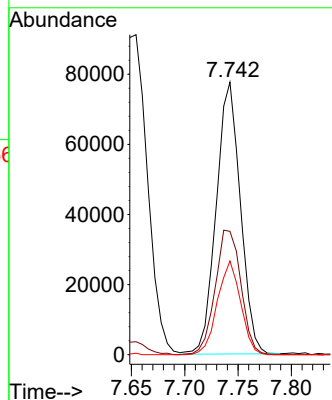
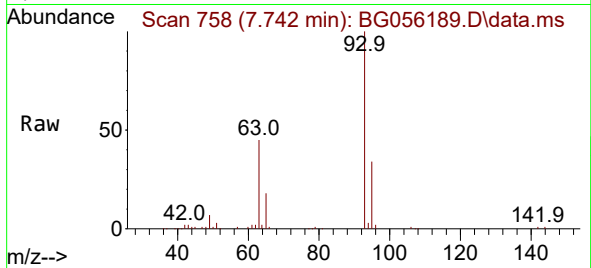




#11
bis(2-Chloroethyl)ether
Concen: 53.214 ng
RT: 7.742 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

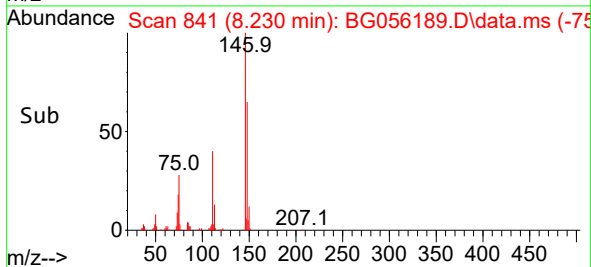
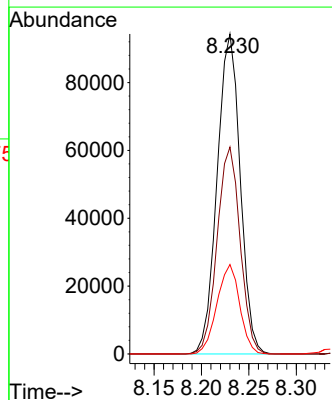
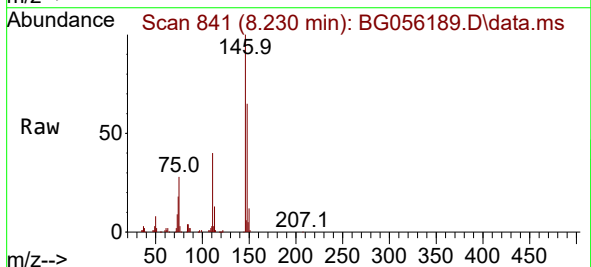
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

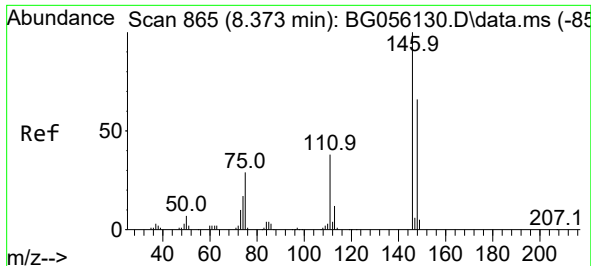
Tgt Ion: 93 Resp: 122312
Ion Ratio Lower Upper
93 100
63 45.3 30.5 70.5
95 34.4 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 60.520 ng
RT: 8.230 min Scan# 841
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 146 Resp: 159621
Ion Ratio Lower Upper
146 100
148 64.6 53.5 80.3
75 28.0 24.8 37.2

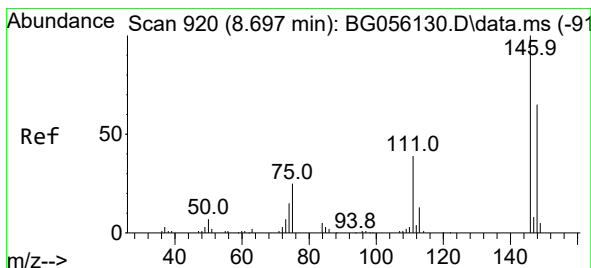
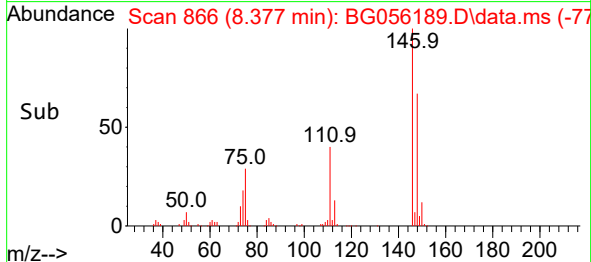
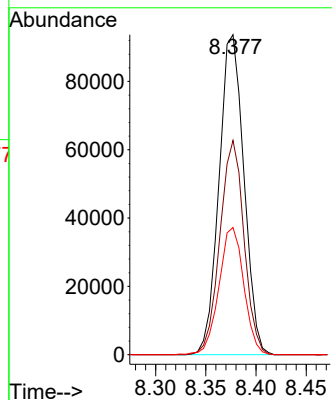
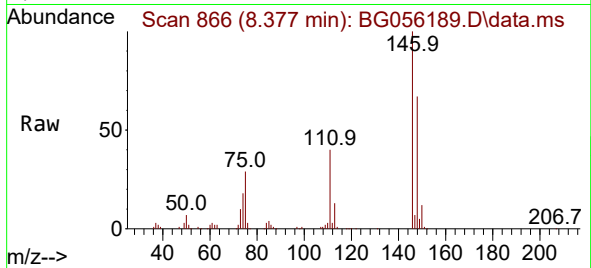




#13
1,4-Dichlorobenzene
Concen: 60.935 ng
RT: 8.377 min Scan# 865
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

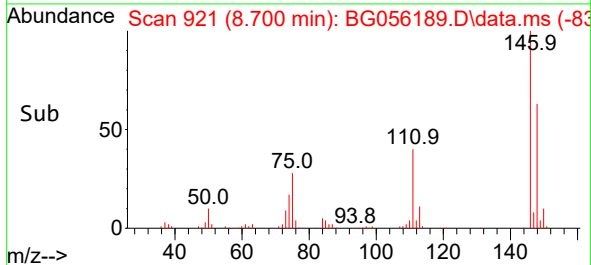
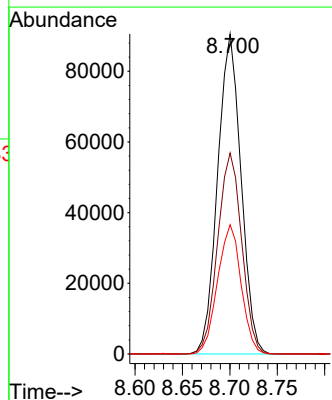
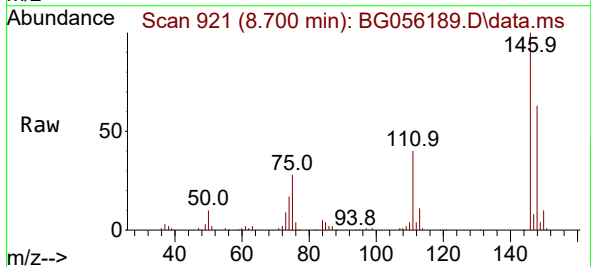
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

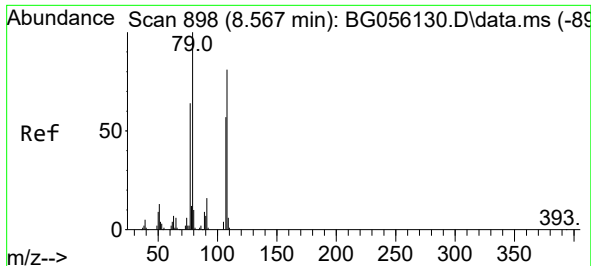
Tgt Ion:146 Resp: 161389
Ion Ratio Lower Upper
146 100
148 66.9 52.8 79.2
111 39.8 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 60.827 ng
RT: 8.700 min Scan# 921
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:146 Resp: 155447
Ion Ratio Lower Upper
146 100
148 62.8 51.7 77.5
111 40.4 31.5 47.3

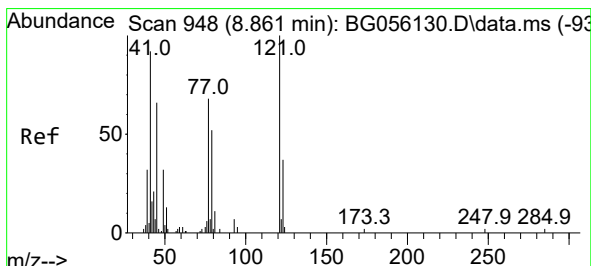
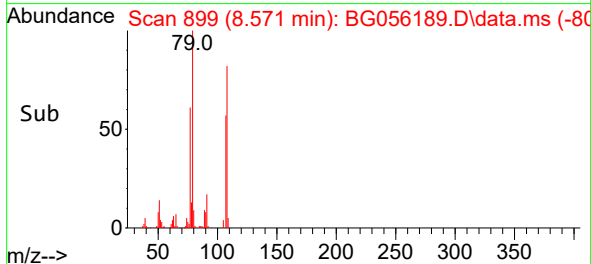
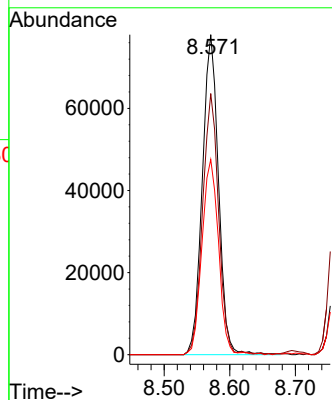
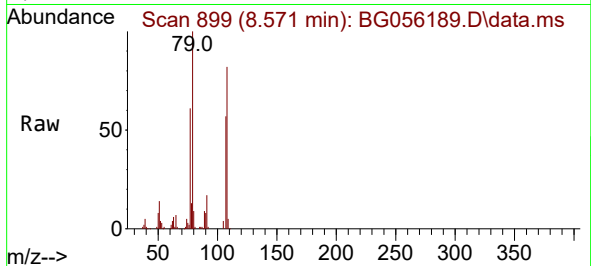




#15
Benzyl Alcohol
Concen: 54.997 ng
RT: 8.571 min Scan# 899
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

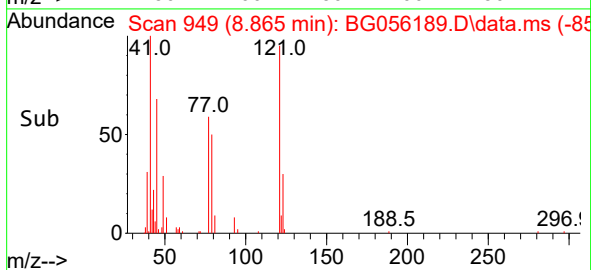
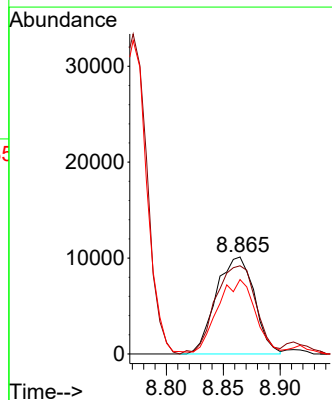
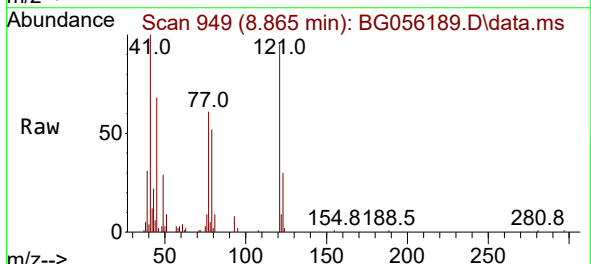
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

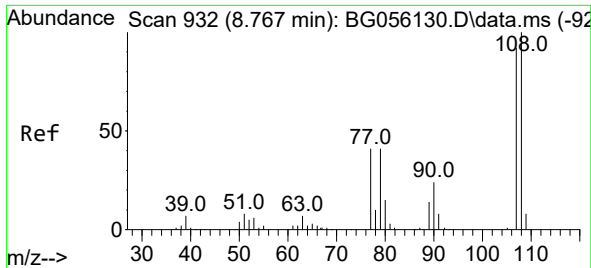
Tgt Ion: 79 Resp: 133867
Ion Ratio Lower Upper
79 100
108 81.6 64.7 97.1
77 61.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.455 ng
RT: 8.865 min Scan# 949
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 45 Resp: 23743
Ion Ratio Lower Upper
45 100
77 90.9 88.2 128.2
79 76.7 61.2 101.2

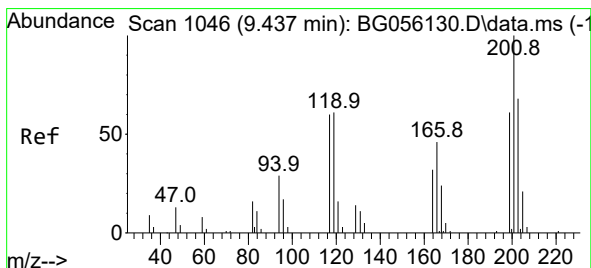
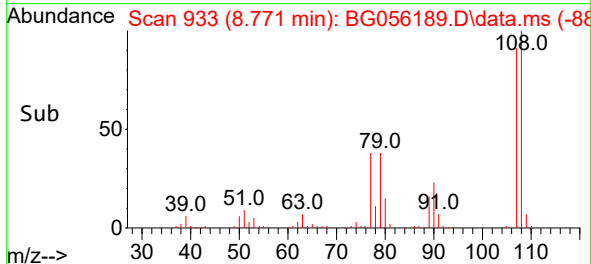
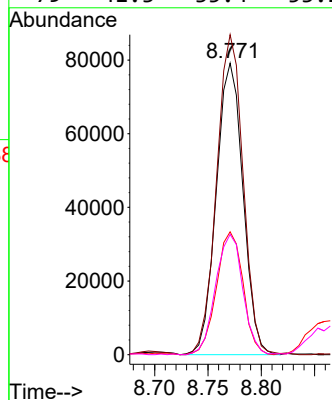
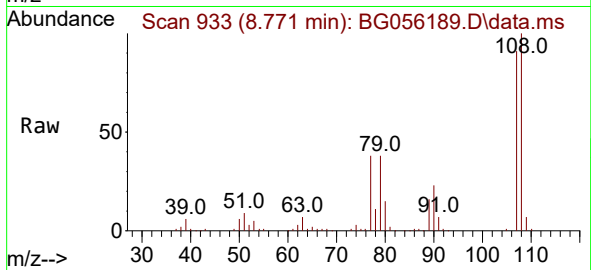




#17
2-Methylphenol
Concen: 55.406 ng
RT: 8.771 min Scan# 91
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

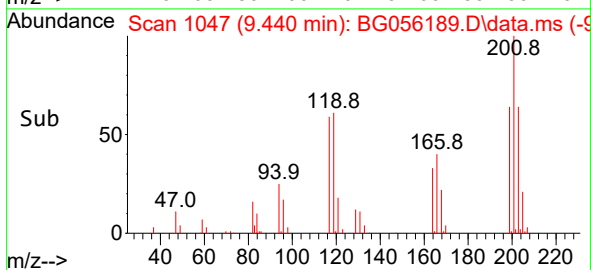
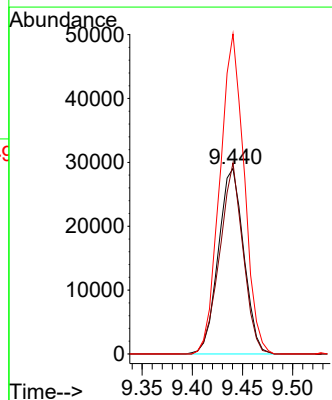
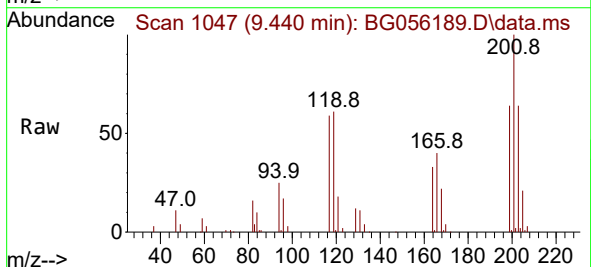
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

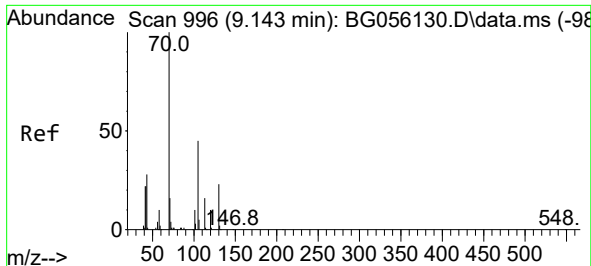
Tgt Ion:107 Resp: 137892
Ion Ratio Lower Upper
107 100
108 109.8 86.6 129.8
77 42.2 35.4 53.2
79 41.3 35.4 53.2



#18
Hexachloroethane
Concen: 63.432 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:117 Resp: 51037
Ion Ratio Lower Upper
117 100
119 104.3 81.8 122.6
201 172.5 134.2 201.2



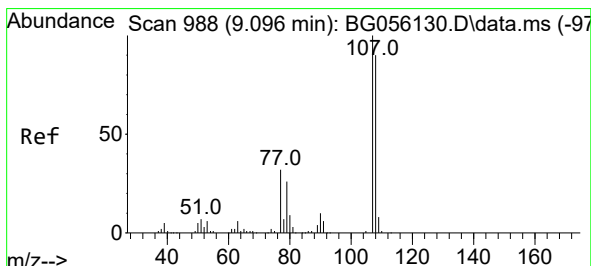
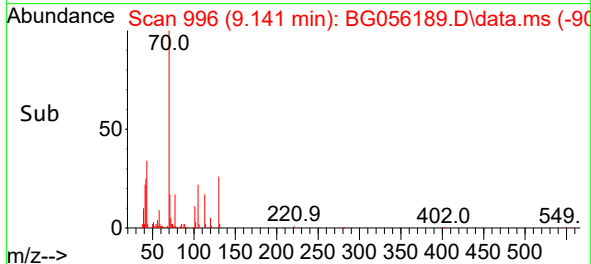
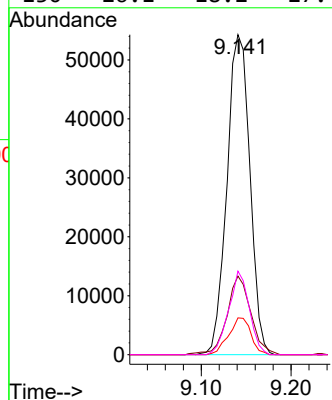
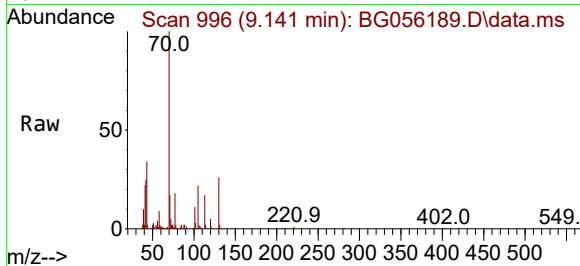


#19
n-Nitroso-di-n-propylamine
Concen: 47.411 ng
RT: 9.141 min Scan# 996
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Instrument :
BNA_G
ClientSampleId :
MM-4MSD

Tgt Ion: 70 Resp: 96420

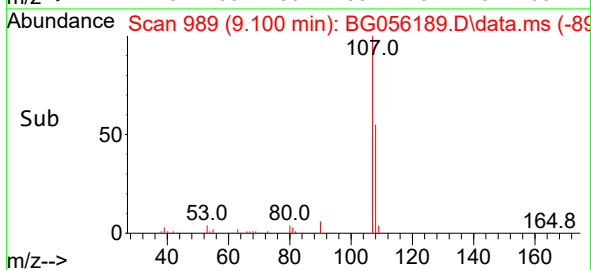
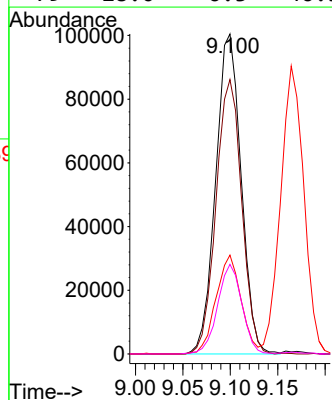
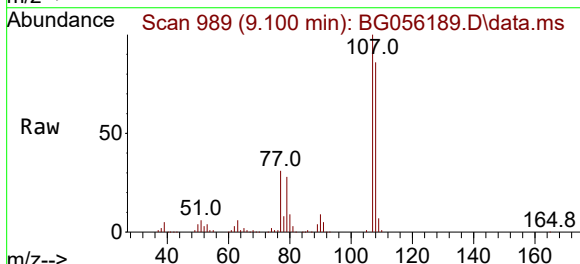
Ion	Ratio	Lower	Upper
70	100		
42	24.5	18.2	27.2
101	11.5	8.3	12.5
130	26.1	18.2	27.4

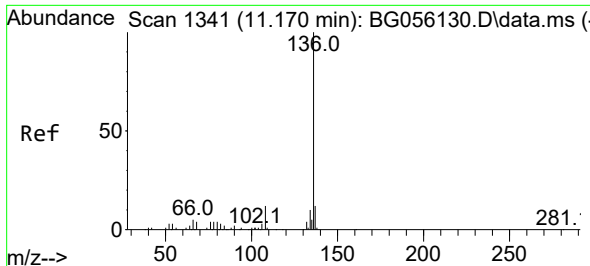


#20
3+4-Methylphenols
Concen: 53.551 ng
RT: 9.100 min Scan# 989
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 107 Resp: 187377

Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.6	109.6
77	30.9	11.7	51.7
79	28.0	6.3	46.3

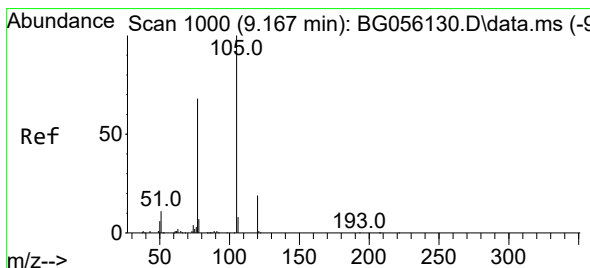
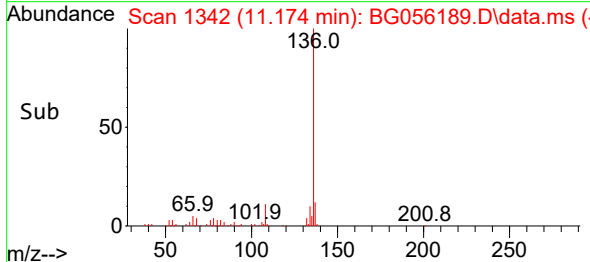
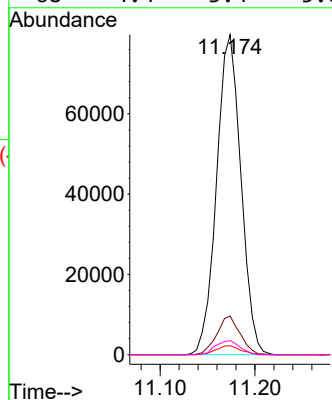
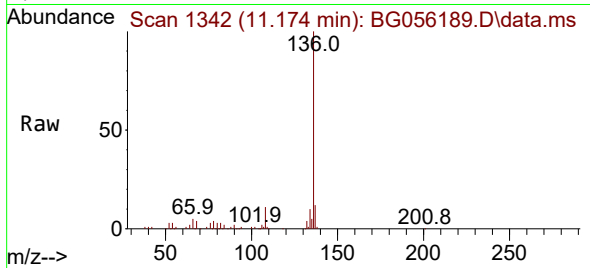




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.174 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

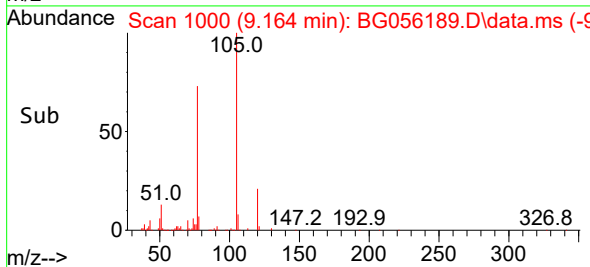
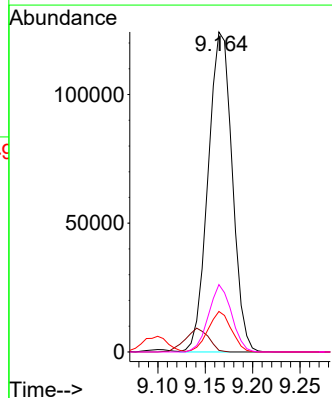
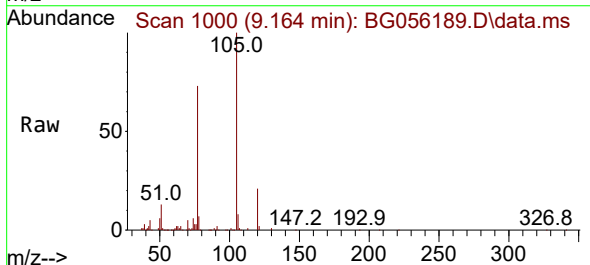
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

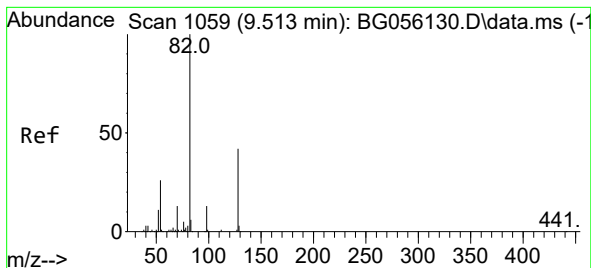
Tgt Ion:136 Resp: 142117
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.0
54 2.8 2.2 3.2
68 4.4 3.4 5.0



#22
Acetophenone
Concen: 54.825 ng
RT: 9.164 min Scan# 1000
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:105 Resp: 220308
Ion Ratio Lower Upper
105 100
71 0.5 0.5 0.7
51 12.7 9.3 13.9
120 21.1 15.5 23.3





#23

Nitrobenzene-d5

Concen: 108.824 ng

RT: 9.517 min Scan# 1060

Delta R.T. 0.009 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

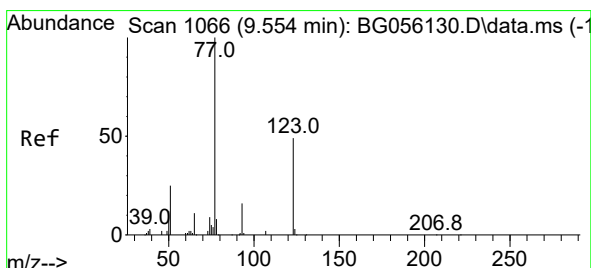
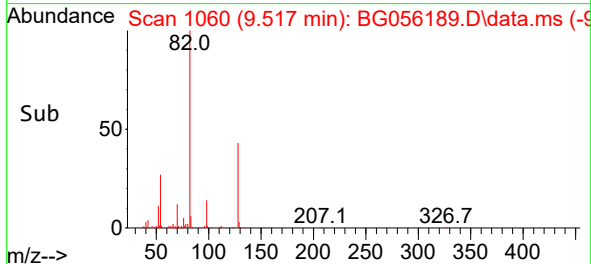
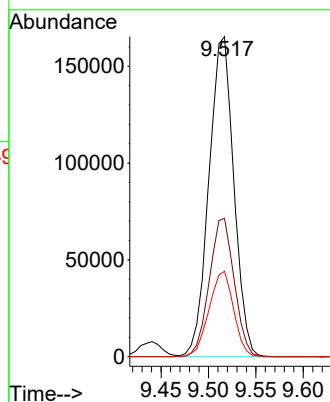
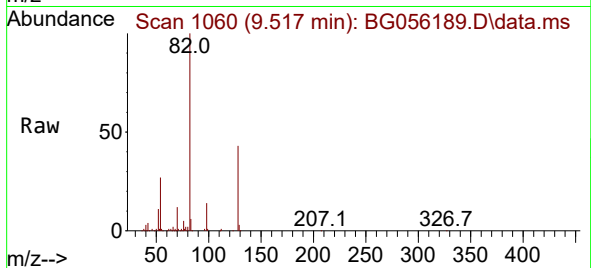
Tgt Ion: 82 Resp: 302351

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.2

54 26.7 20.3 30.5



#24

Nitrobenzene

Concen: 53.617 ng

RT: 9.558 min Scan# 1067

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

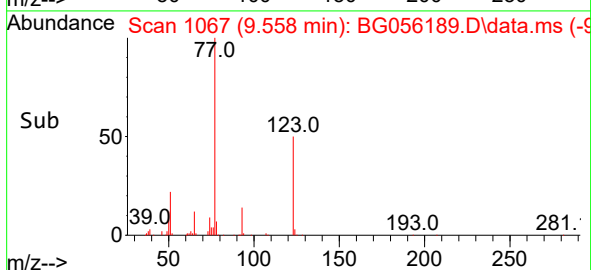
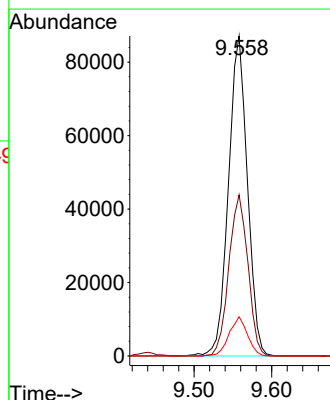
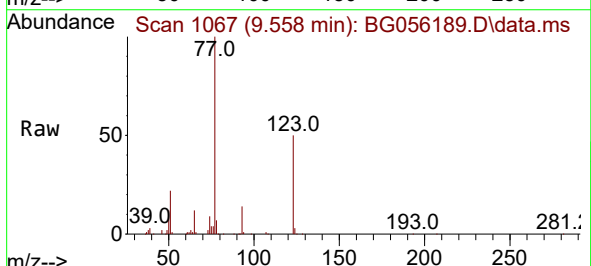
Tgt Ion: 77 Resp: 147626

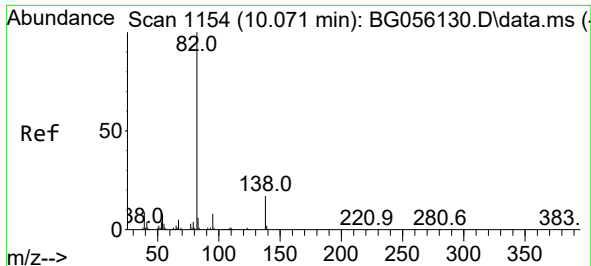
Ion Ratio Lower Upper

77 100

123 50.4 38.8 58.2

65 12.3 9.1 13.7

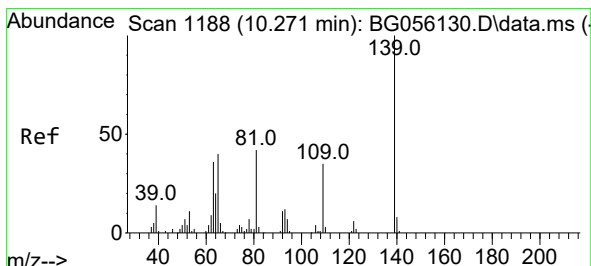
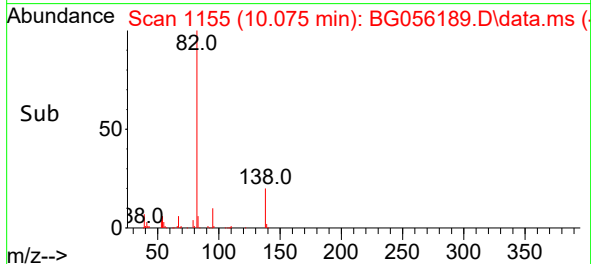
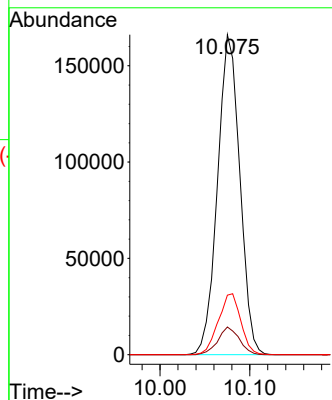
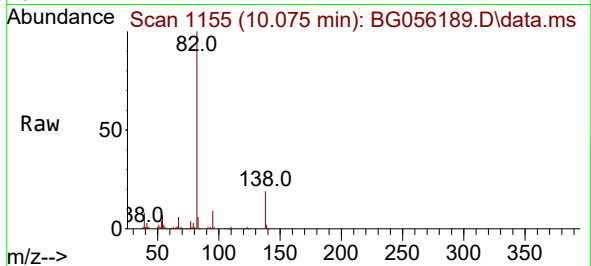




#25
Isophorone
Concen: 48.970 ng
RT: 10.075 min Scan# 1154
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

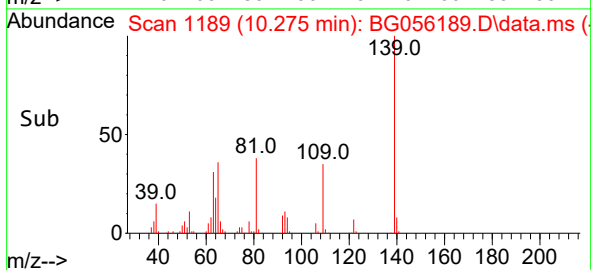
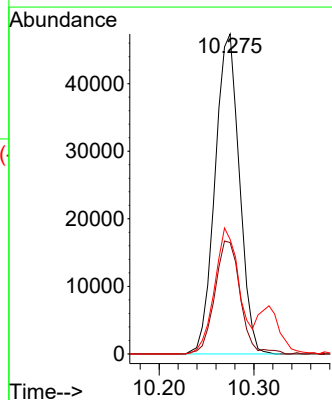
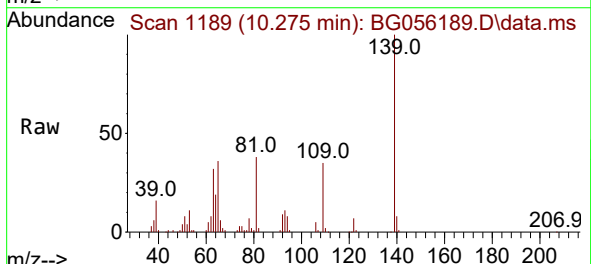
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

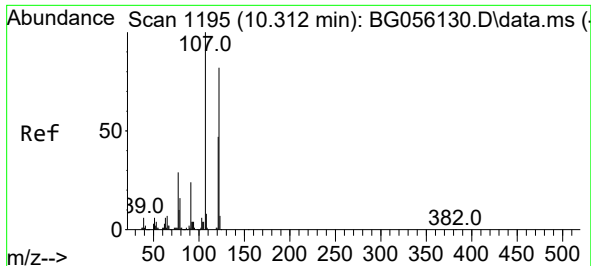
Tgt Ion: 82 Resp: 286267
Ion Ratio Lower Upper
82 100
95 8.7 6.7 10.1
138 18.6 13.7 20.5



#26
2-Nitrophenol
Concen: 60.038 ng
RT: 10.275 min Scan# 1189
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:139 Resp: 84579
Ion Ratio Lower Upper
139 100
109 34.8 28.4 42.6
65 35.8 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 59.669 ng

RT: 10.316 min Scan# 1195

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

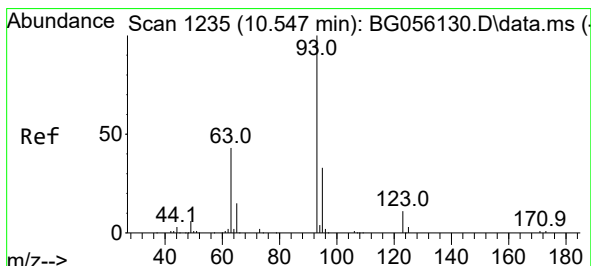
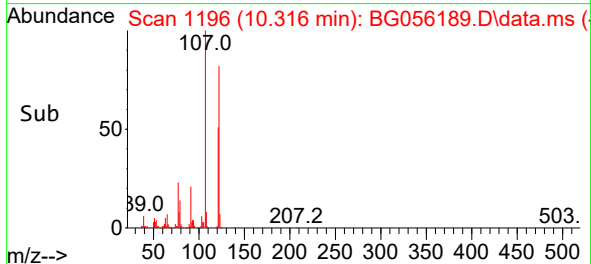
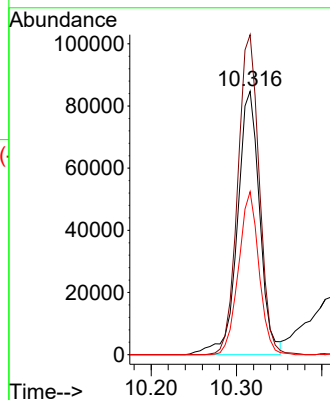
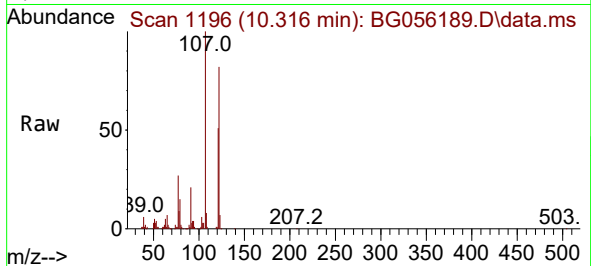
Tgt Ion:122 Resp: 153317

Ion Ratio Lower Upper

122 100

107 121.5 97.5 146.3

121 61.9 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 54.482 ng

RT: 10.551 min Scan# 1236

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

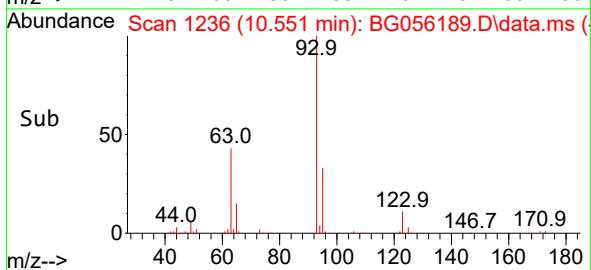
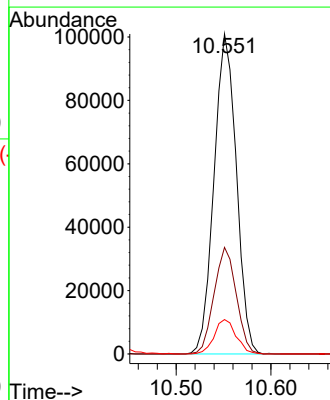
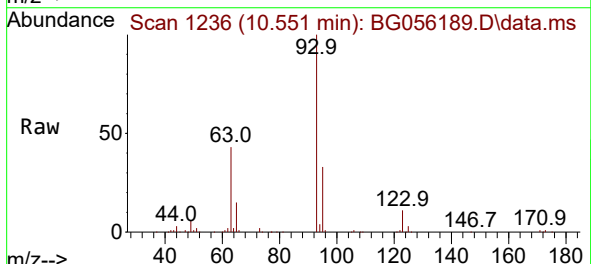
Tgt Ion: 93 Resp: 165530

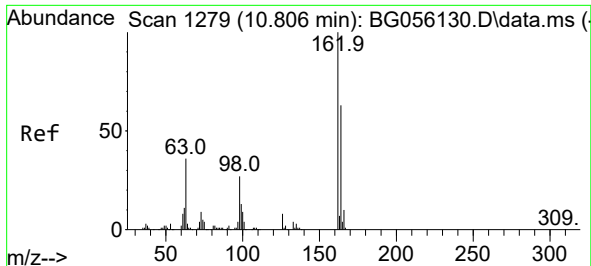
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

123 10.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 62.017 ng

RT: 10.809 min Scan# 1279

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

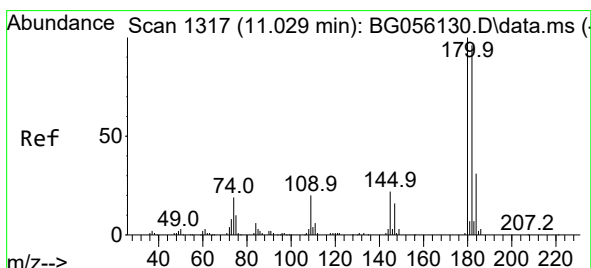
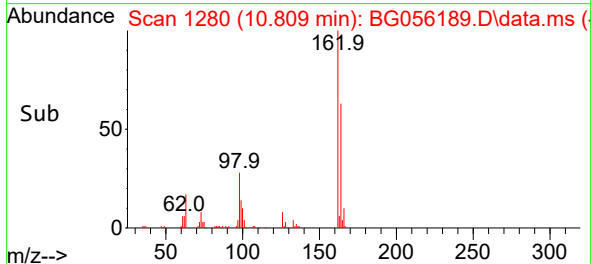
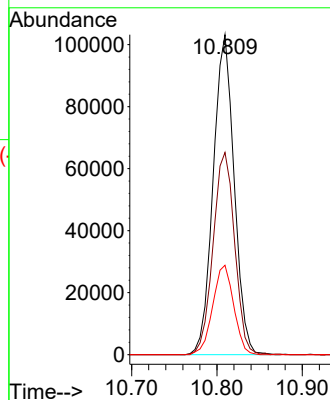
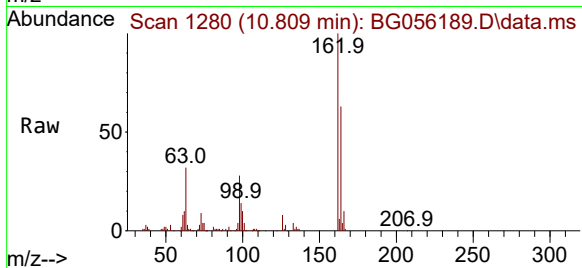
Tgt Ion:162 Resp: 176170

Ion Ratio Lower Upper

162 100

164 63.2 43.3 83.3

98 28.0 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 59.930 ng

RT: 11.027 min Scan# 1317

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

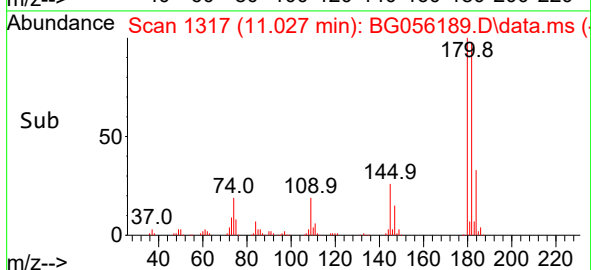
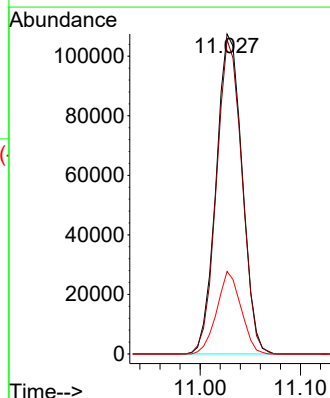
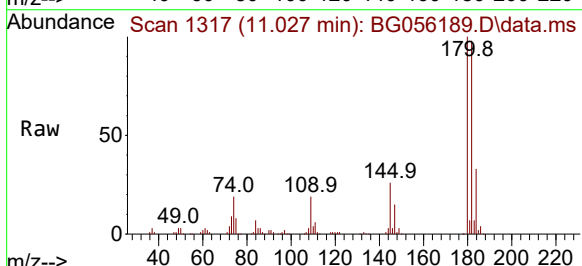
Tgt Ion:180 Resp: 193193

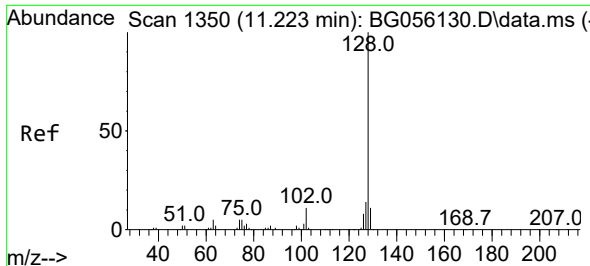
Ion Ratio Lower Upper

180 100

182 98.2 77.0 115.4

145 25.8 17.4 26.2

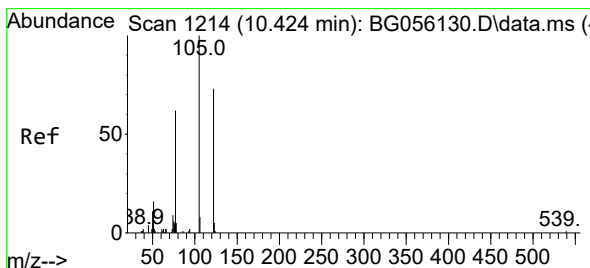
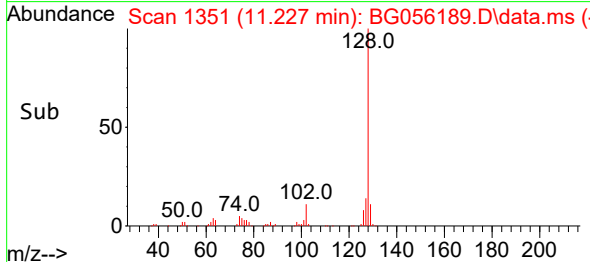
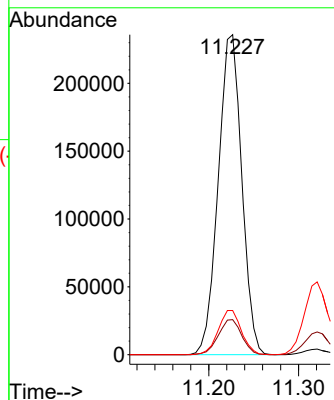
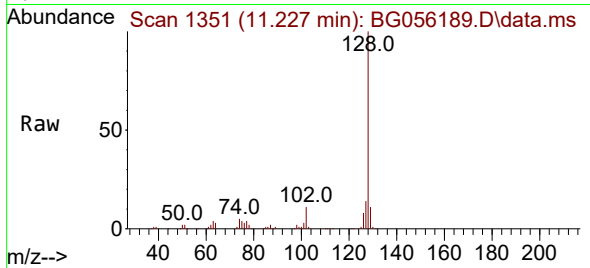




#31
Naphthalene
Concen: 57.407 ng
RT: 11.227 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

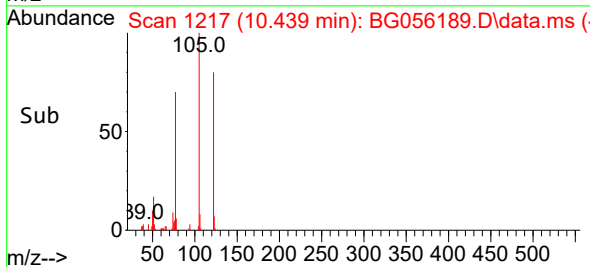
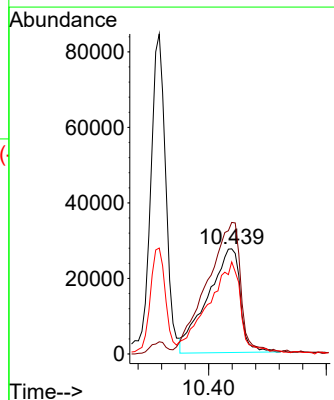
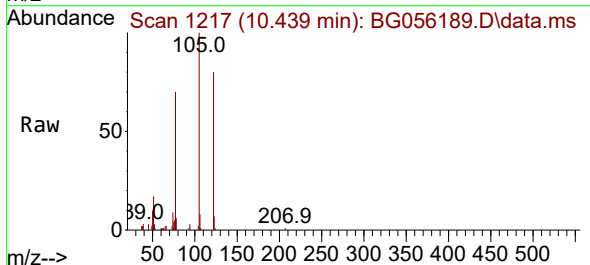
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

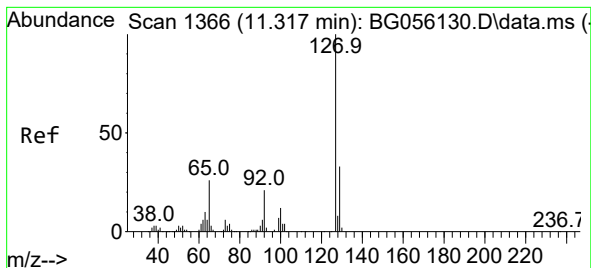
Tgt Ion:128 Resp: 429374
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 55.683 ng
RT: 10.439 min Scan# 1217
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:122 Resp: 106157
Ion Ratio Lower Upper
122 100
105 125.1 109.0 149.0
77 87.5 63.1 103.1





#33

4-Chloroaniline

Concen: 27.955 ng

RT: 11.321 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

Tgt Ion:127 Resp: 99828

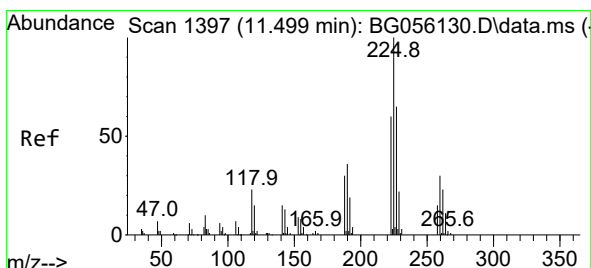
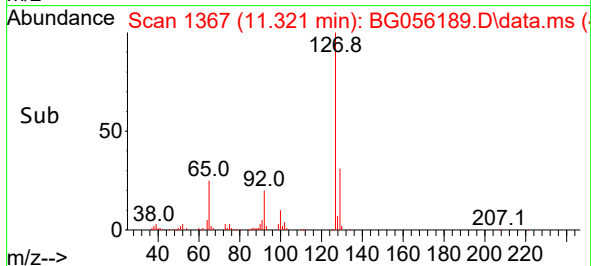
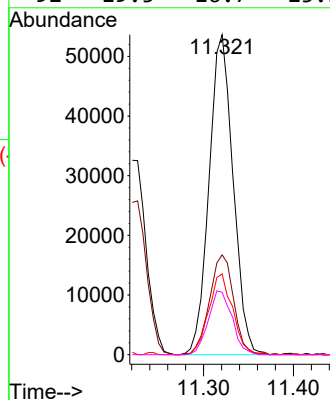
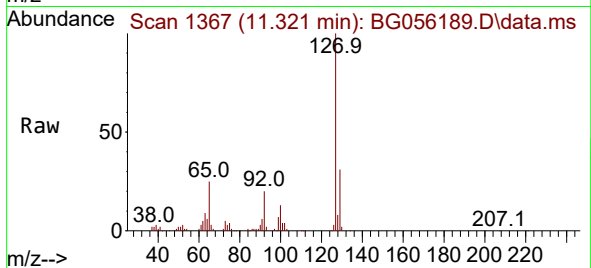
Ion Ratio Lower Upper

127 100

129 31.2 26.1 39.1

65 25.2 20.9 31.3

92 19.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 59.556 ng

RT: 11.497 min Scan# 1397

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

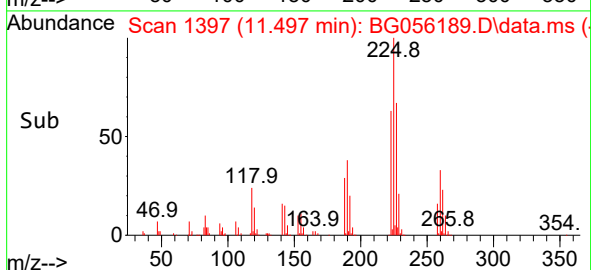
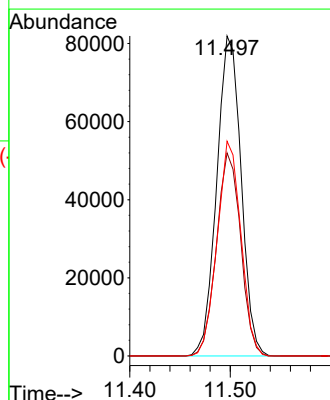
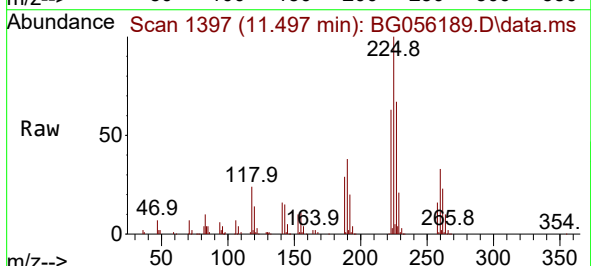
Tgt Ion:225 Resp: 138080

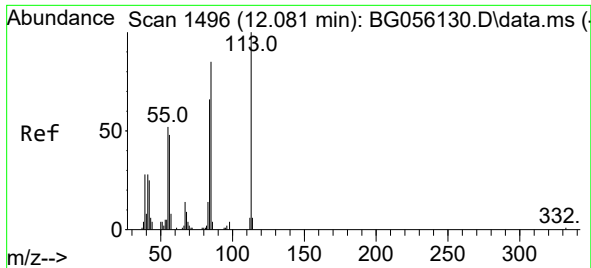
Ion Ratio Lower Upper

225 100

223 66.8 47.7 71.5

227 67.1 52.3 78.5

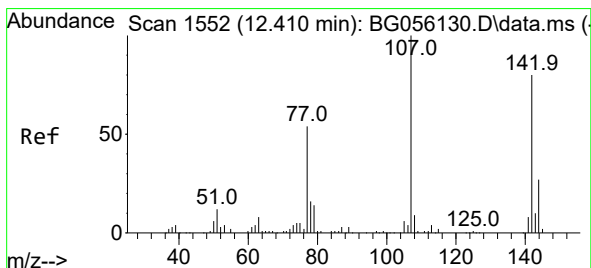
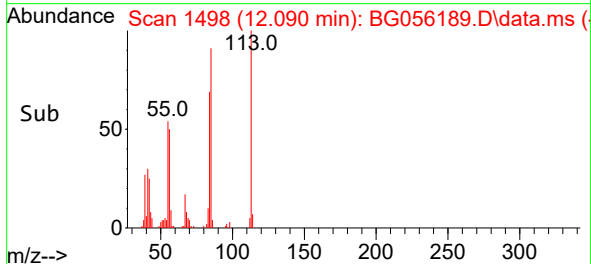
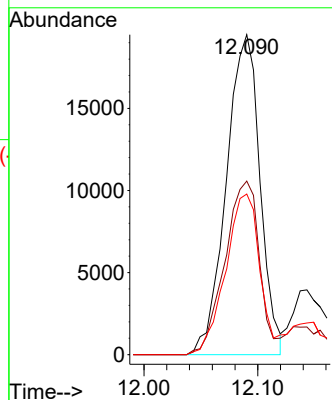
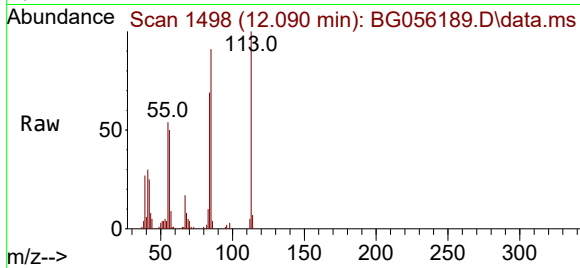




#35
Caprolactam
Concen: 41.772 ng
RT: 12.090 min Scan# 1496
Delta R.T. 0.009 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

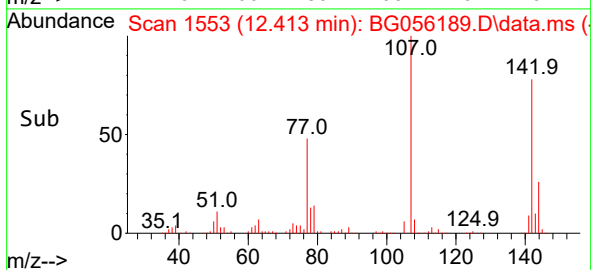
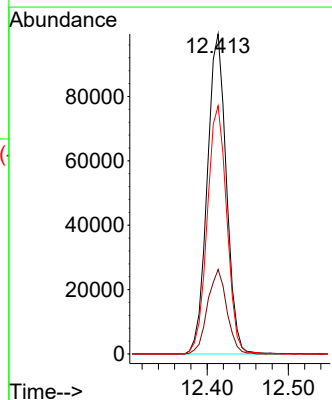
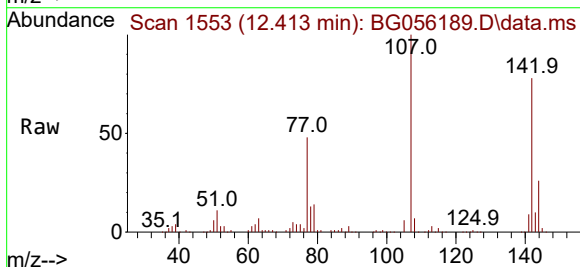
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

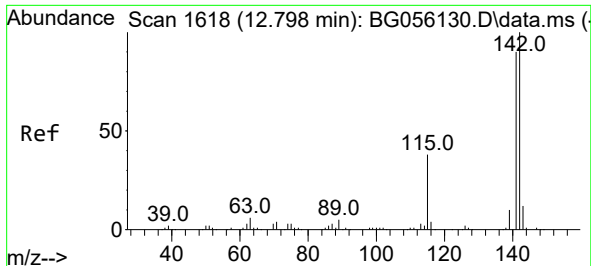
Tgt Ion:113 Resp: 40175
Ion Ratio Lower Upper
113 100
55 54.3 31.9 71.9
56 50.2 27.6 67.6



#36
4-Chloro-3-methylphenol
Concen: 56.273 ng
RT: 12.413 min Scan# 1553
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:107 Resp: 162206
Ion Ratio Lower Upper
107 100
144 26.4 21.5 32.3
142 77.5 63.8 95.6





#37

2-Methylnaphthalene

Concen: 52.150 ng

RT: 12.801 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

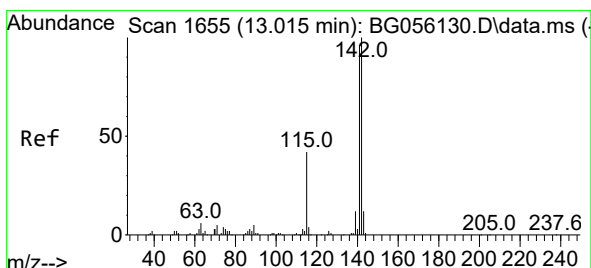
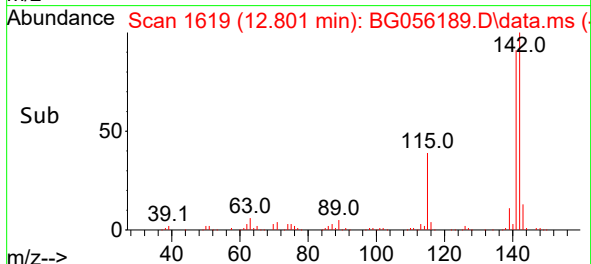
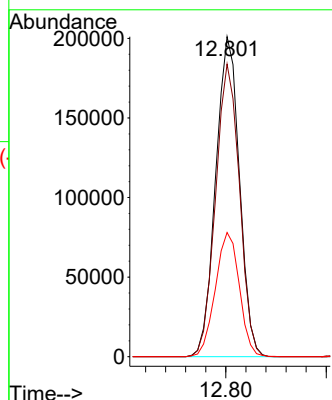
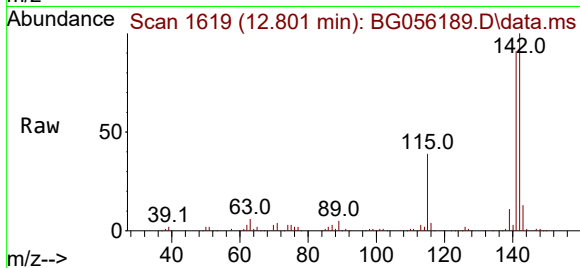
Tgt Ion:142 Resp: 329347

Ion Ratio Lower Upper

142 100

141 91.5 72.2 108.4

115 38.8 30.7 46.1



#38

1-Methylnaphthalene

Concen: 53.843 ng

RT: 13.019 min Scan# 1656

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

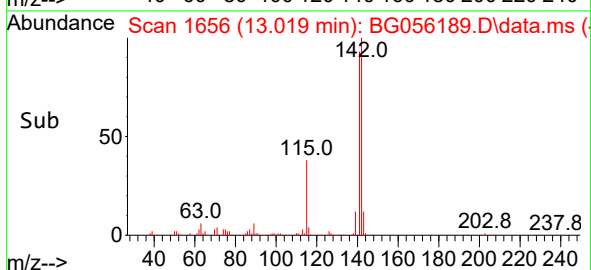
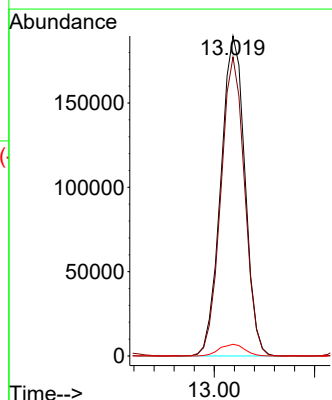
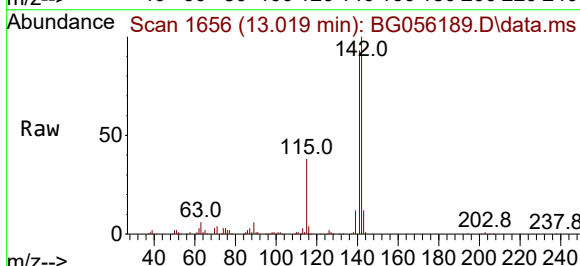
Tgt Ion:142 Resp: 315763

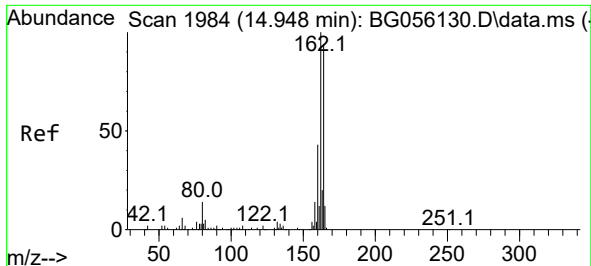
Ion Ratio Lower Upper

142 100

141 93.4 77.0 115.6

116 3.7 3.6 5.4

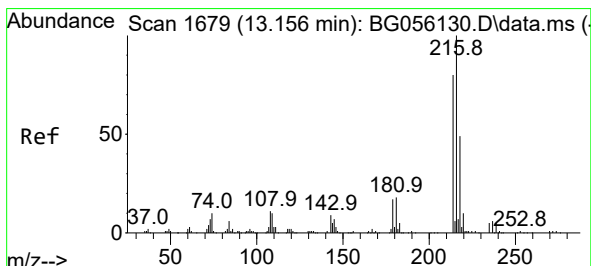
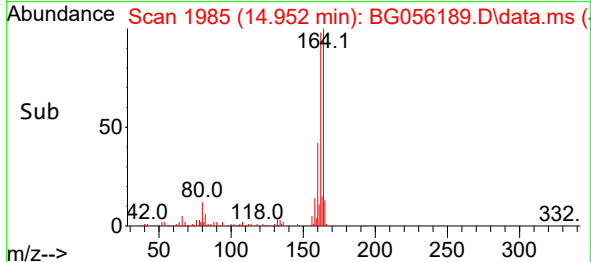
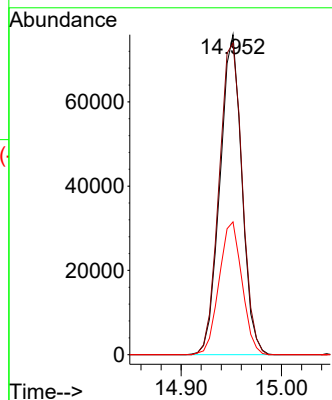
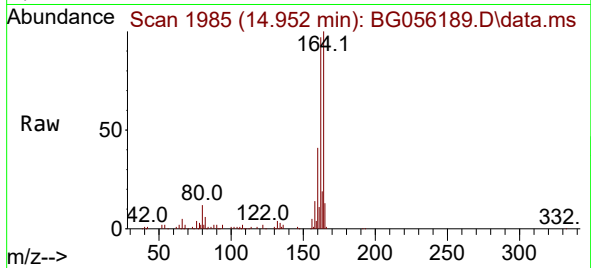




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.952 min Scan# 1985
 Delta R.T. 0.004 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

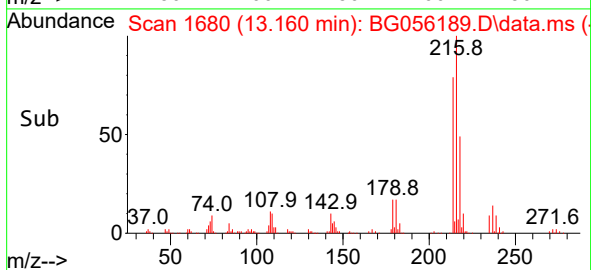
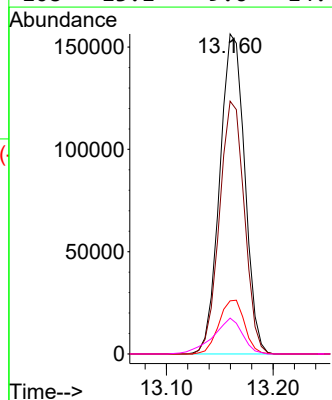
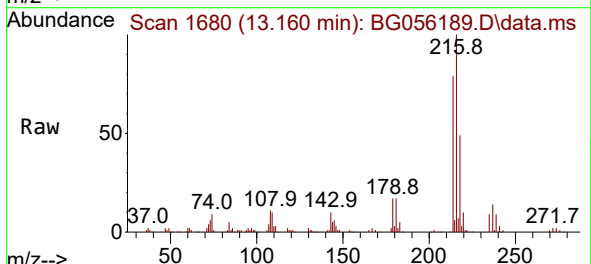
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

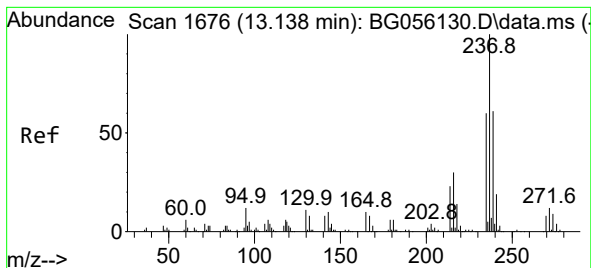
Tgt Ion:164 Resp: 114754
 Ion Ratio Lower Upper
 164 100
 162 97.4 84.7 127.1
 160 41.5 36.3 54.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.185 ng
 RT: 13.160 min Scan# 1680
 Delta R.T. -0.002 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

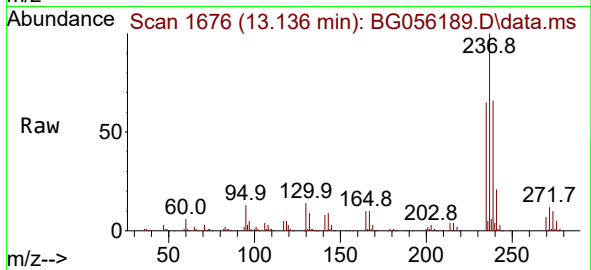
Tgt Ion:216 Resp: 254553
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.4 95.0
 179 17.2 13.6 20.4
 108 13.1 9.6 14.4



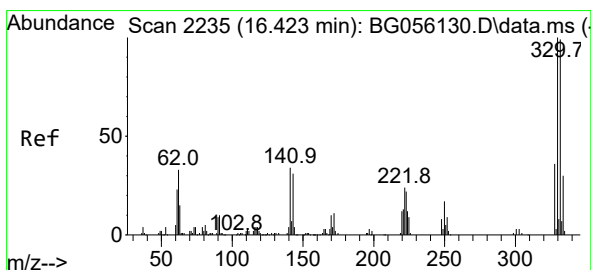
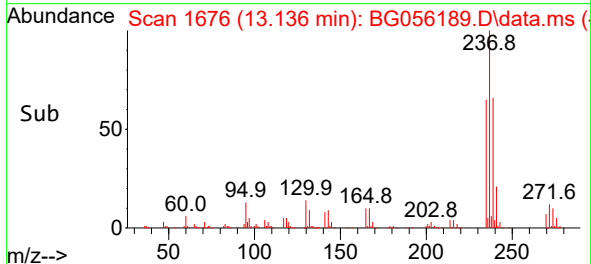
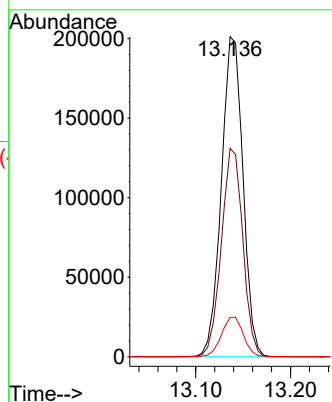


#41
Hexachlorocyclopentadiene
Concen: 129.978 ng
RT: 13.136 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Instrument :
BNA_G
ClientSampleId :
MM-4MSD

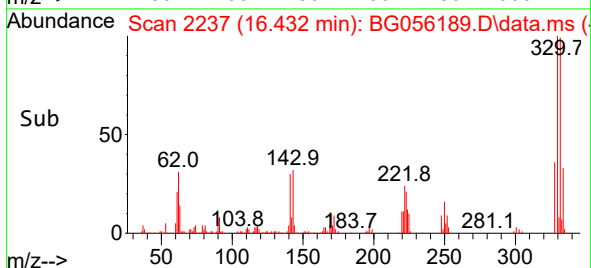
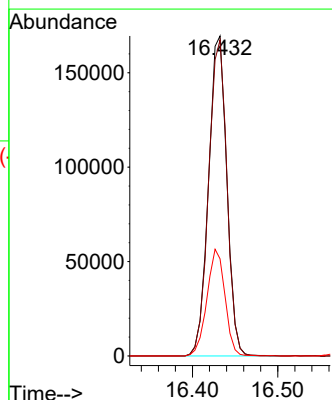
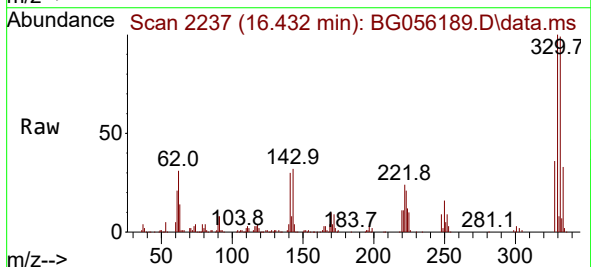


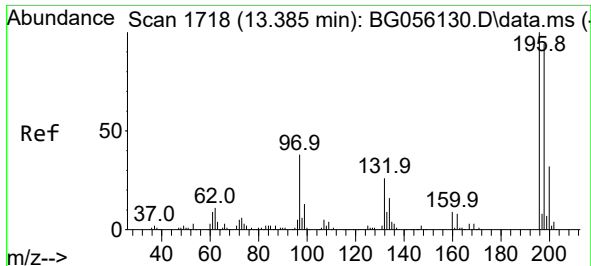
Tgt Ion:237 Resp: 318715
Ion Ratio Lower Upper
237 100
235 65.1 40.3 80.3
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 173.784 ng
RT: 16.432 min Scan# 2237
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:330 Resp: 252568
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 32.9 27.9 41.9

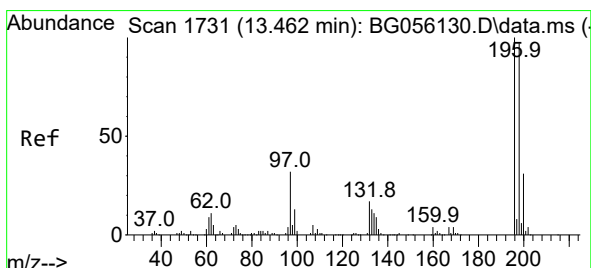
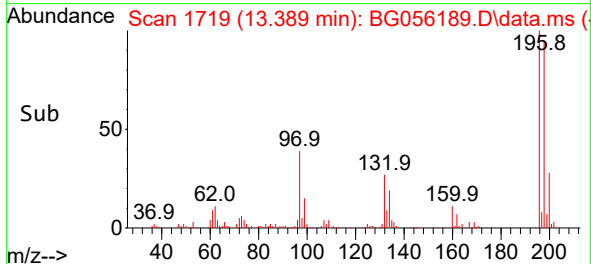
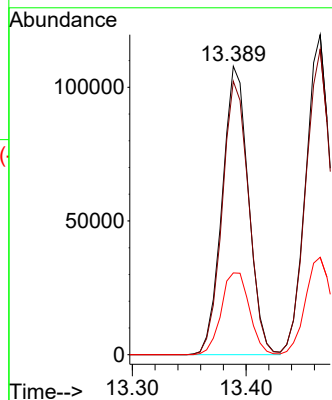
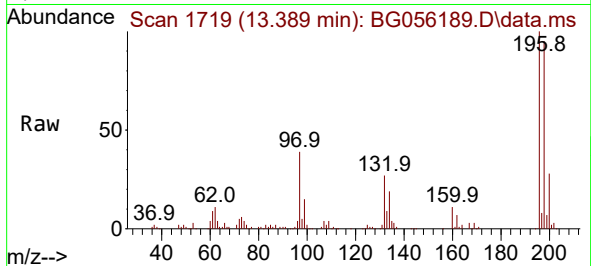




#43
2,4,6-Trichlorophenol
Concen: 61.069 ng
RT: 13.389 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

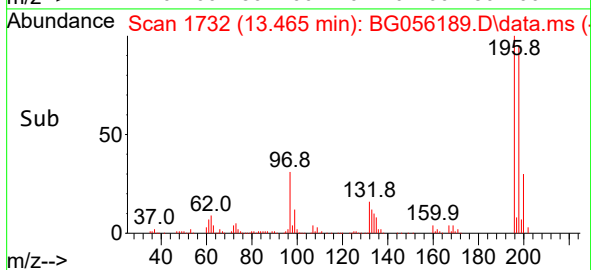
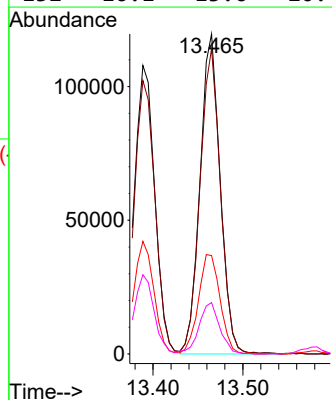
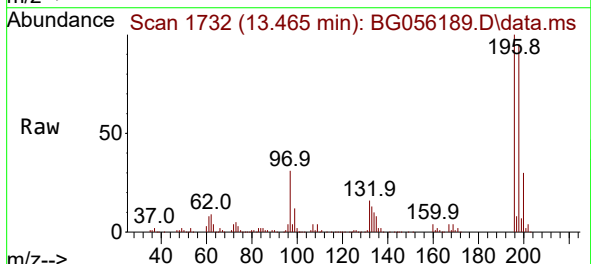
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

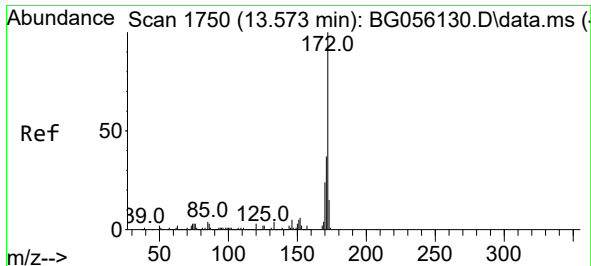
Tgt Ion:196 Resp: 173680
Ion Ratio Lower Upper
196 100
198 94.8 75.5 113.3
200 28.3 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 55.613 ng
RT: 13.465 min Scan# 1732
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:196 Resp: 187095
Ion Ratio Lower Upper
196 100
198 95.4 78.0 117.0
97 30.8 25.7 38.5
132 16.1 13.6 20.4

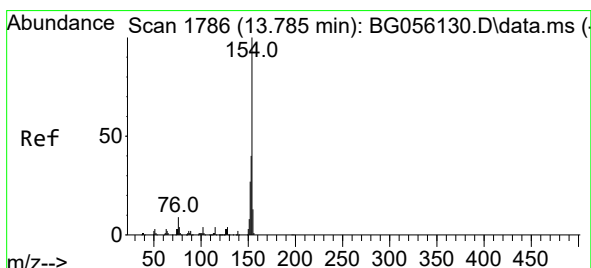
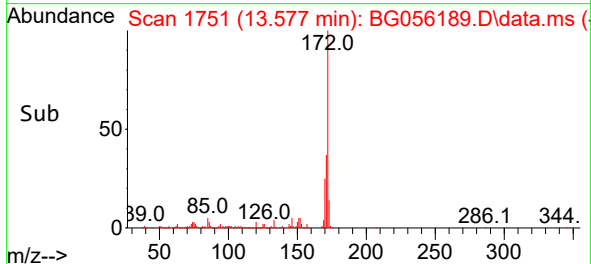
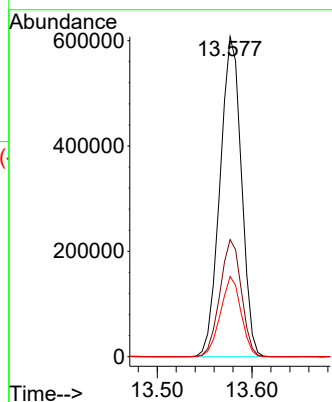
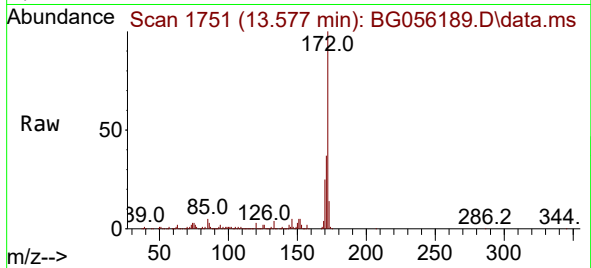




#45
2-Fluorobiphenyl
Concen: 114.859 ng
RT: 13.577 min Scan# 1750
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

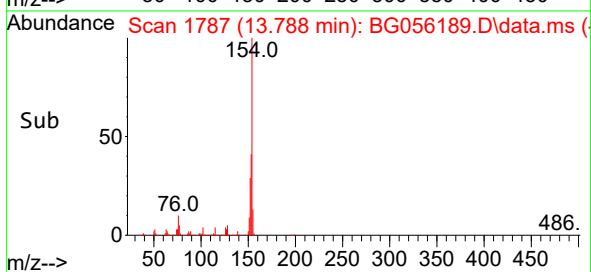
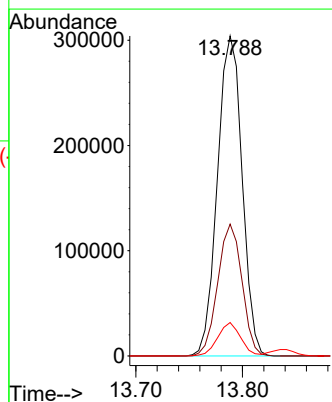
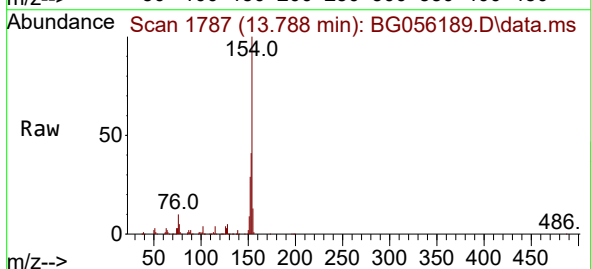
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

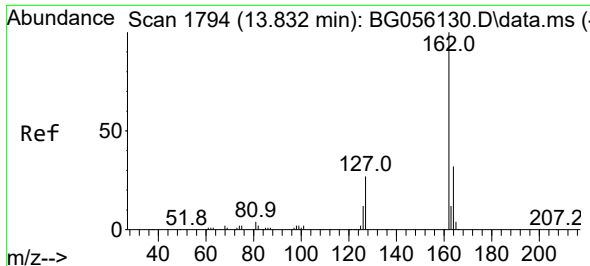
Tgt Ion:172 Resp: 954491
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 25.1 19.4 29.2



#46
1,1'-Biphenyl
Concen: 59.388 ng
RT: 13.788 min Scan# 1787
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:154 Resp: 488065
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 10.4 0.0 29.3

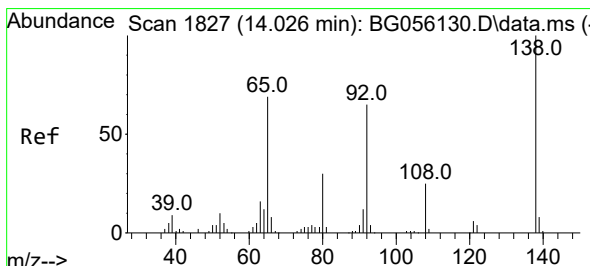
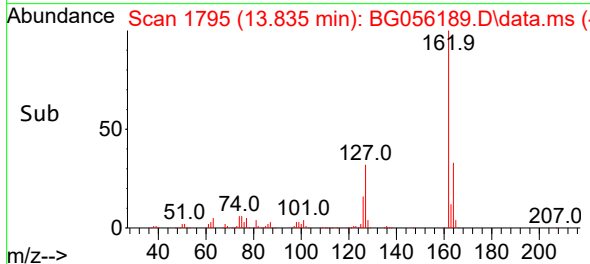
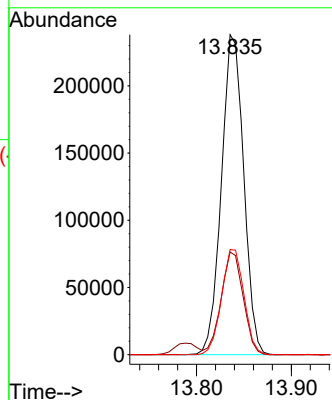
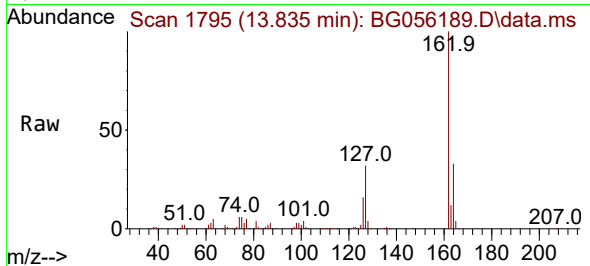




#47
2-Chloronaphthalene
Concen: 60.115 ng
RT: 13.835 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

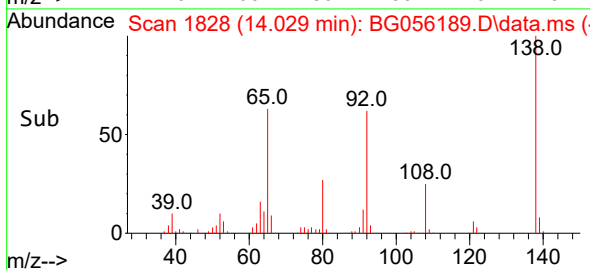
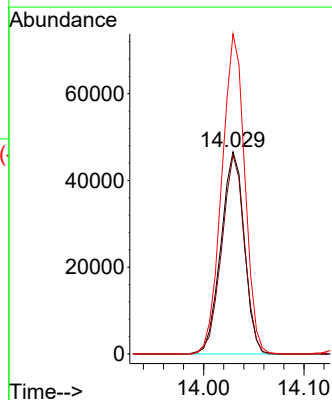
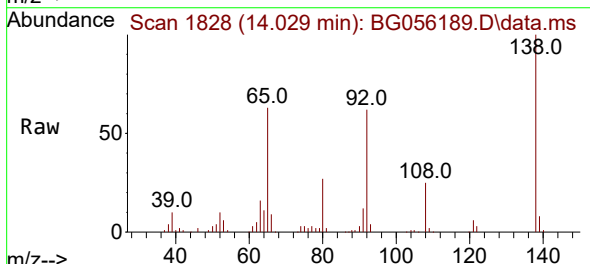
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

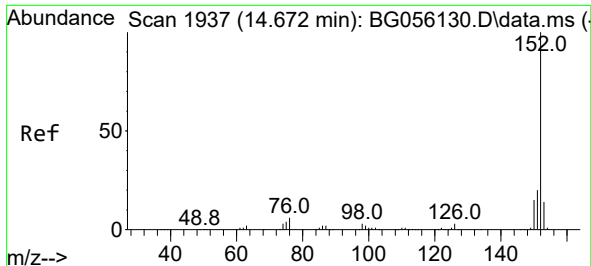
Tgt Ion:162 Resp: 389957
Ion Ratio Lower Upper
162 100
127 32.1 24.6 36.8
164 32.8 25.8 38.8



#48
2-Nitroaniline
Concen: 54.323 ng
RT: 14.029 min Scan# 1828
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

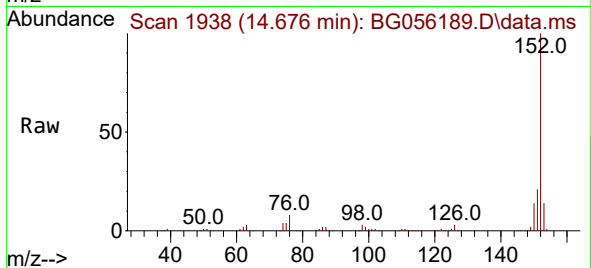
Tgt Ion: 65 Resp: 75080
Ion Ratio Lower Upper
65 100
92 98.5 76.0 114.0
138 158.4 116.6 174.8



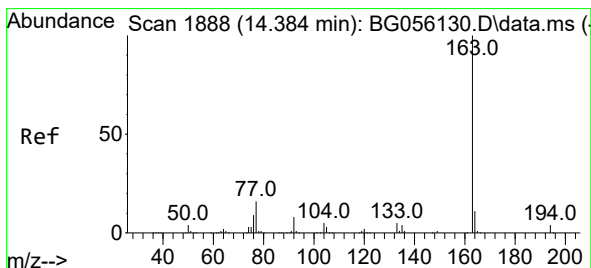
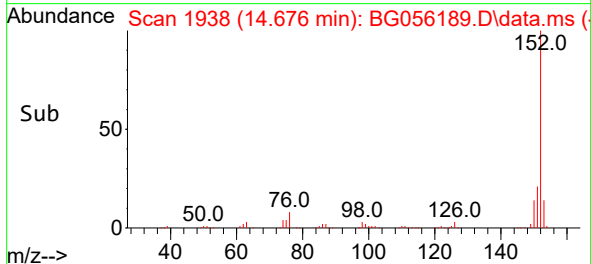
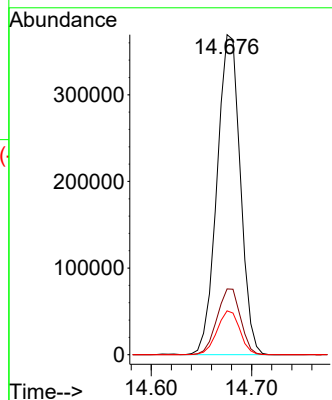


#49
Acenaphthylene
Concen: 56.357 ng
RT: 14.676 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Instrument :
BNA_G
ClientSampleId :
MM-4MSD

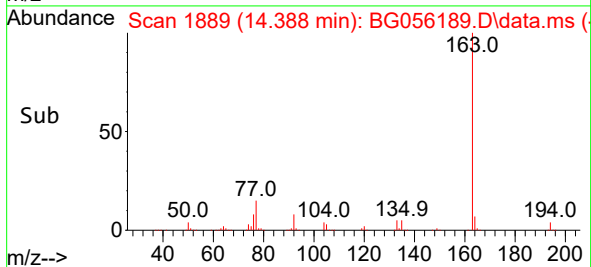
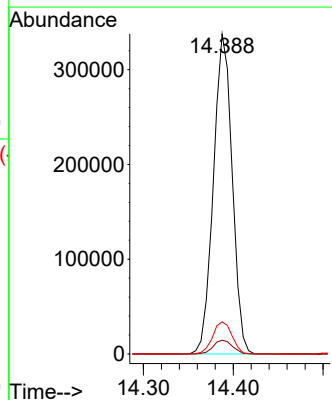
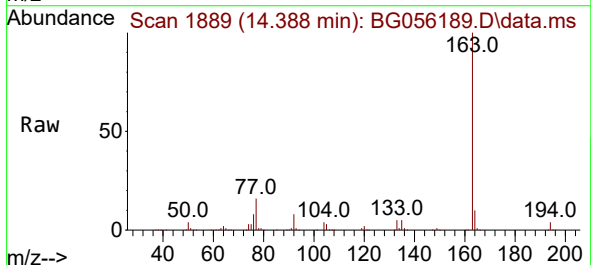


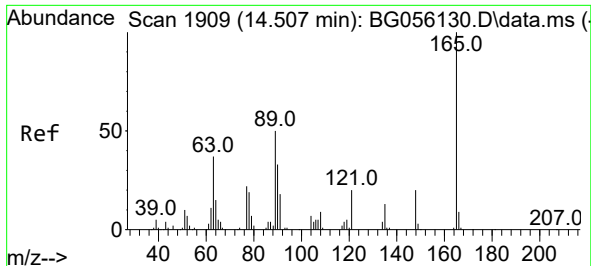
Tgt Ion:152 Resp: 594910
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 52.885 ng
RT: 14.388 min Scan# 1889
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:163 Resp: 489904
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.7 13.1

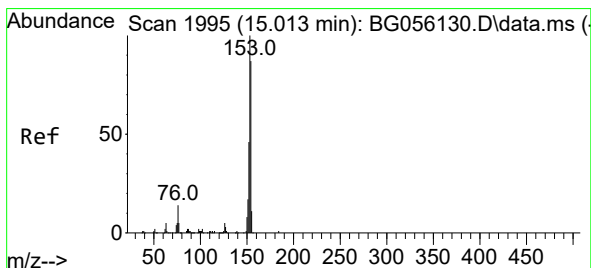
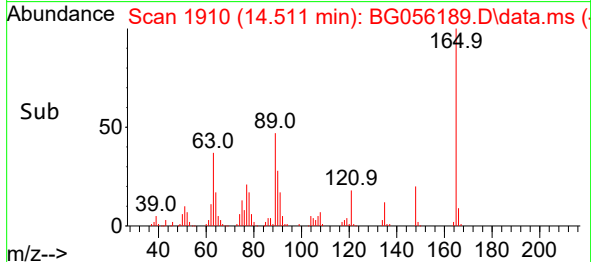
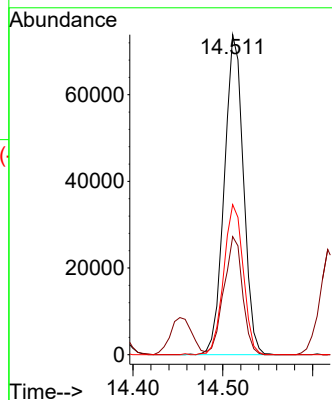
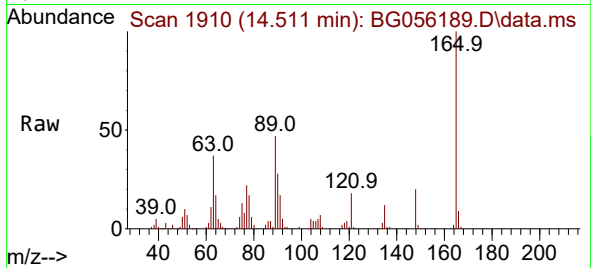




#51
2,6-Dinitrotoluene
Concen: 55.336 ng
RT: 14.511 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

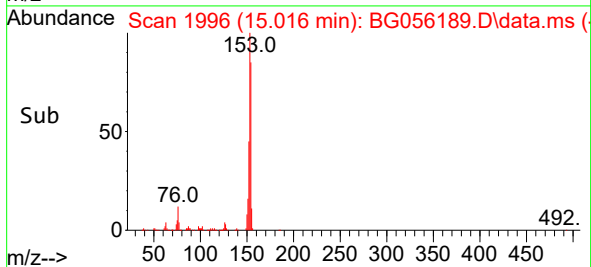
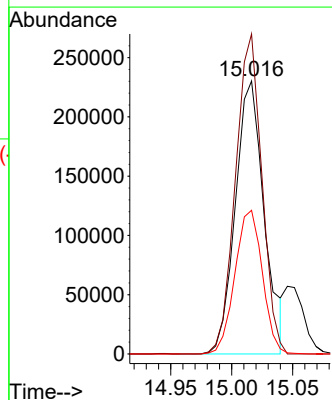
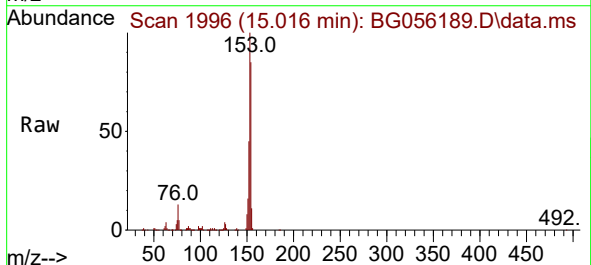
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

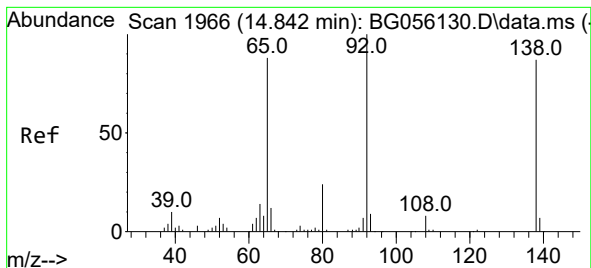
Tgt Ion:165 Resp: 109229
Ion Ratio Lower Upper
165 100
63 36.9 32.2 48.2
89 46.9 39.8 59.8



#52
Acenaphthene
Concen: 55.073 ng
RT: 15.016 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:154 Resp: 378114
Ion Ratio Lower Upper
154 100
153 117.2 92.0 138.0
152 52.7 42.5 63.7





#53

3-Nitroaniline

Concen: 42.085 ng

RT: 14.846 min Scan# 1966

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

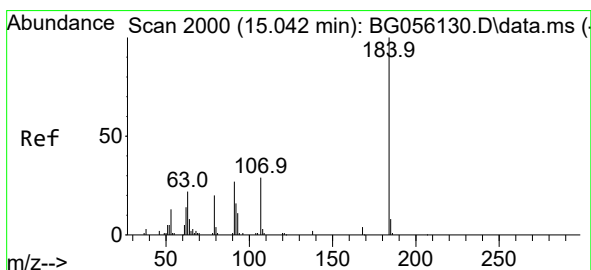
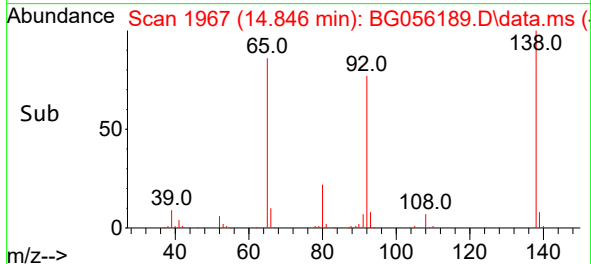
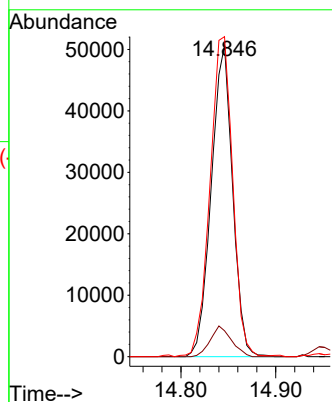
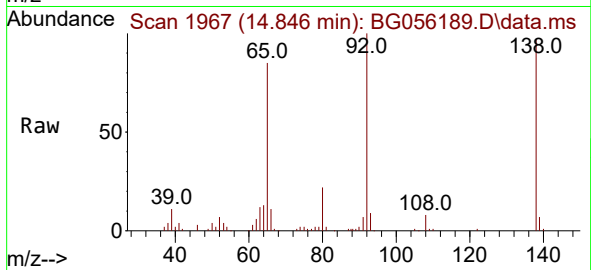
Tgt Ion:138 Resp: 79060

Ion Ratio Lower Upper

138 100

108 8.4 7.6 11.4

92 102.8 91.7 137.5



#54

2,4-Dinitrophenol

Concen: 116.426 ng

RT: 15.052 min Scan# 2002

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

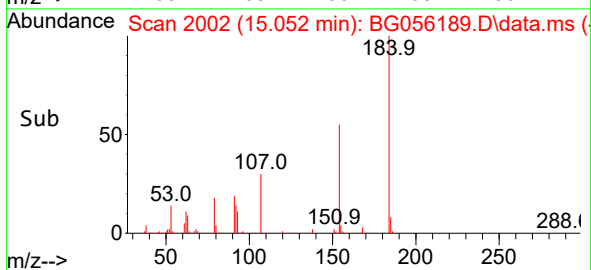
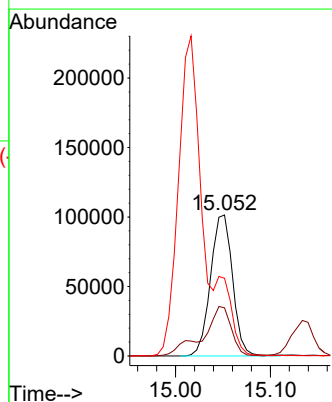
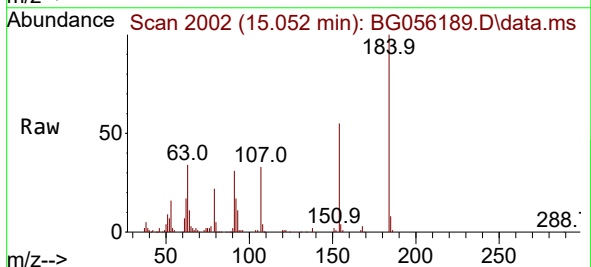
Tgt Ion:184 Resp: 164178

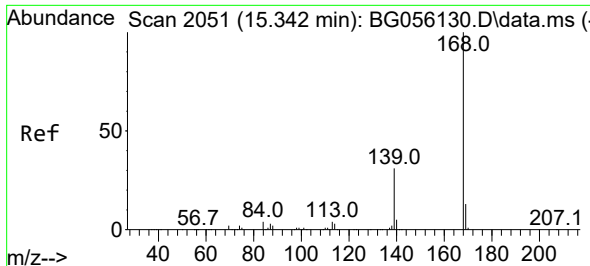
Ion Ratio Lower Upper

184 100

63 34.1 24.0 36.0

154 55.2 45.4 68.0

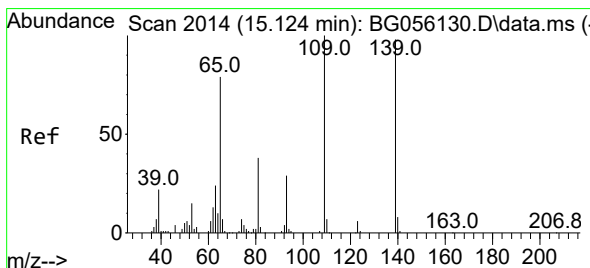
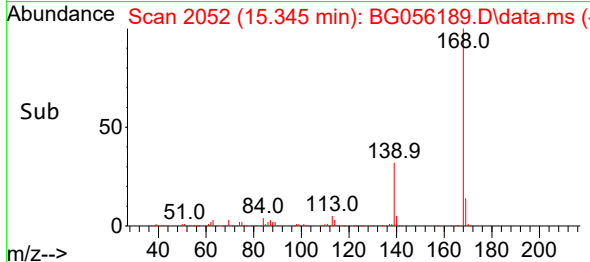
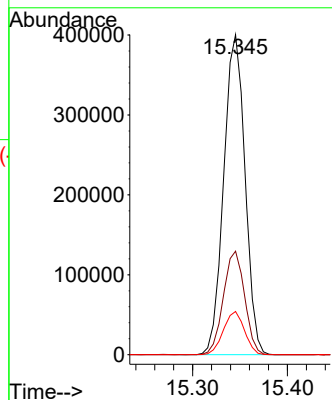
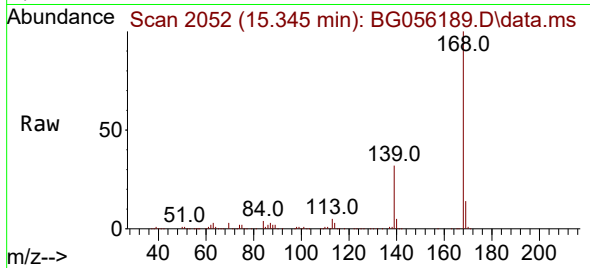




#55
Dibenzofuran
Concen: 55.039 ng
RT: 15.345 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

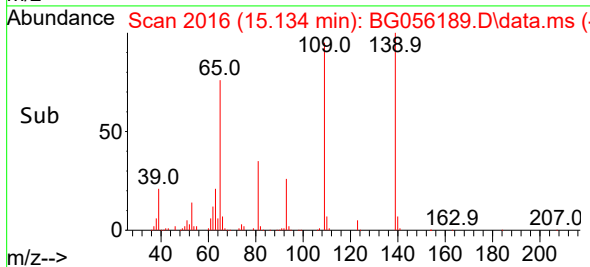
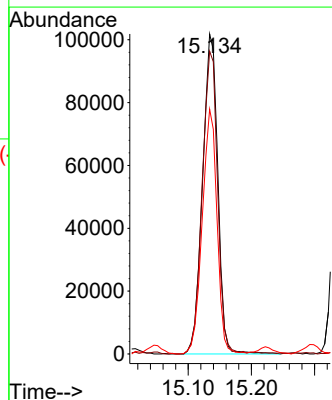
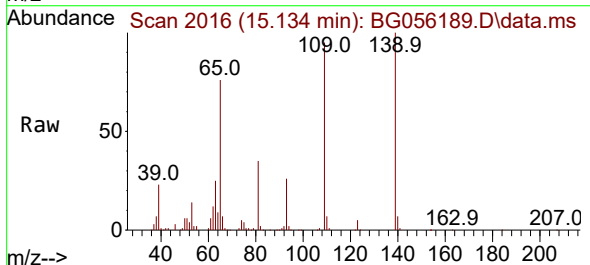
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

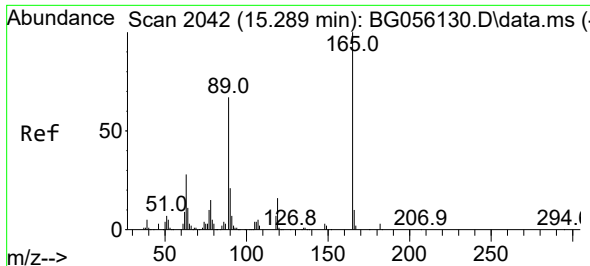
Tgt Ion:168 Resp: 625326
Ion Ratio Lower Upper
168 100
139 32.4 24.7 37.1
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 117.938 ng
RT: 15.134 min Scan# 2016
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:139 Resp: 170398
Ion Ratio Lower Upper
139 100
109 94.6 82.2 122.2
65 76.5 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 55.893 ng

RT: 15.298 min Scan# 2044

Delta R.T. 0.004 min

Lab File: BG056189.D

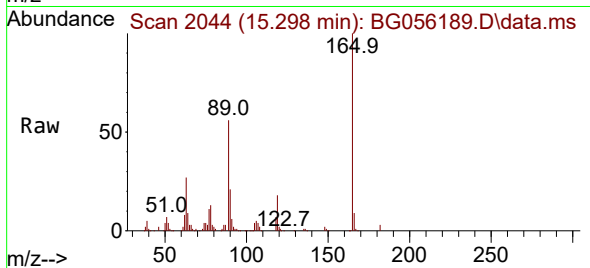
Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD



Tgt Ion:165 Resp: 154295

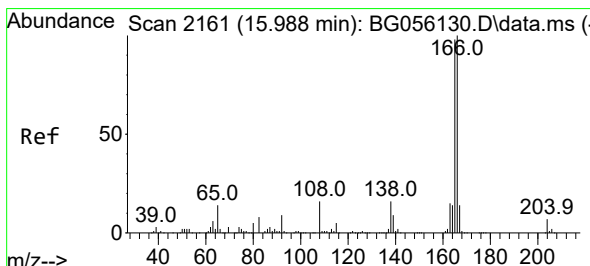
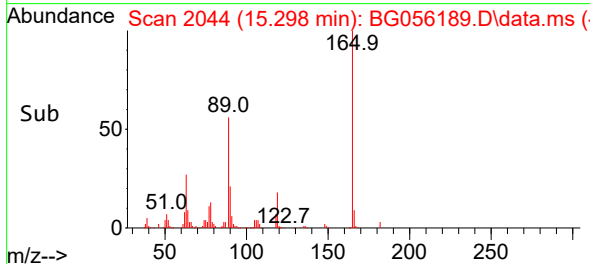
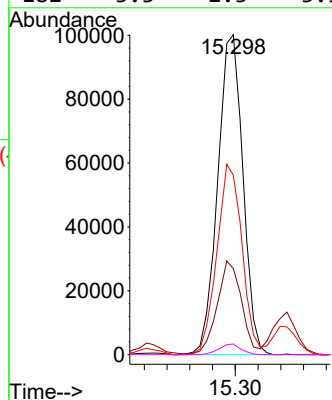
Ion Ratio Lower Upper

165 100

63 26.9 22.6 34.0

89 56.1 53.2 79.8

182 3.3 2.3 3.5



#58

Fluorene

Concen: 54.781 ng

RT: 15.992 min Scan# 2162

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

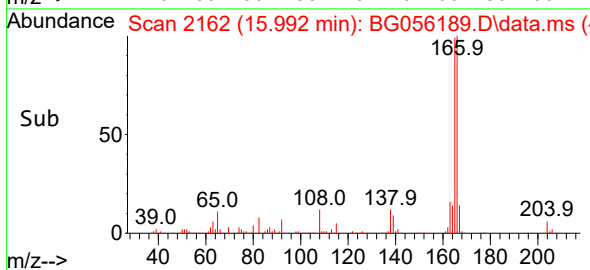
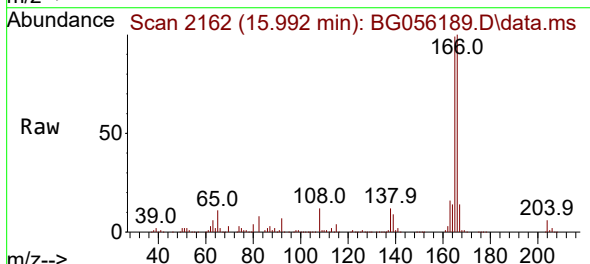
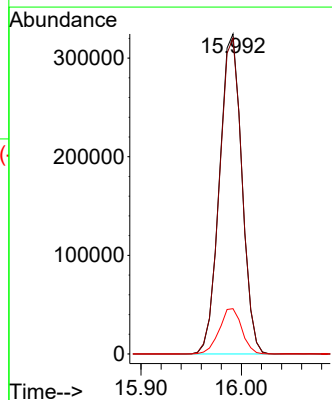
Tgt Ion:166 Resp: 500598

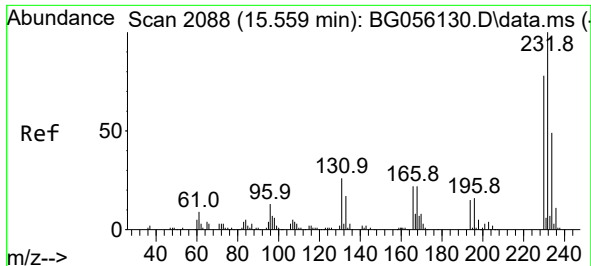
Ion Ratio Lower Upper

166 100

165 98.7 78.6 118.0

167 14.1 11.1 16.7

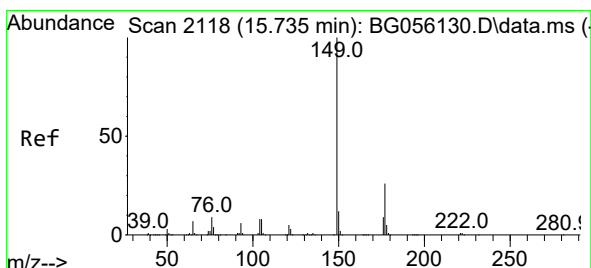
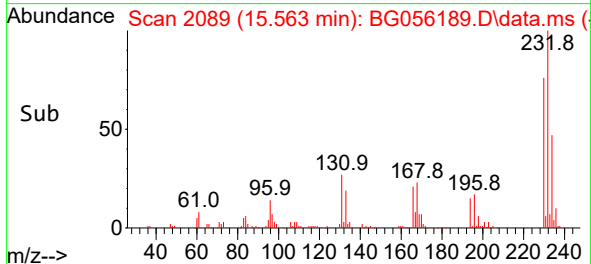
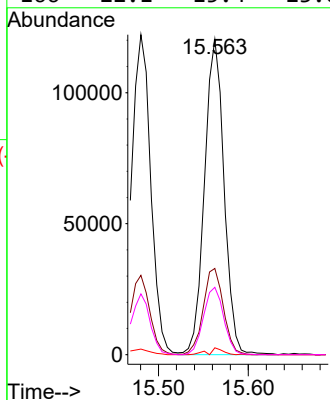
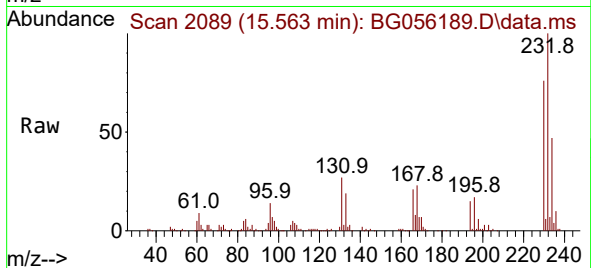




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.769 ng
RT: 15.563 min Scan# 2089
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

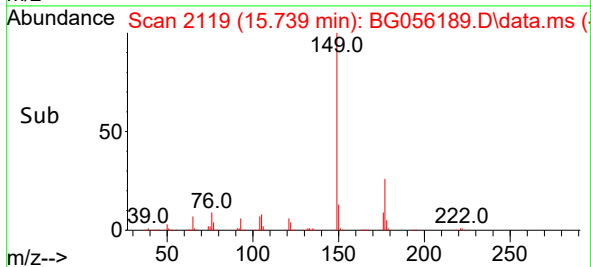
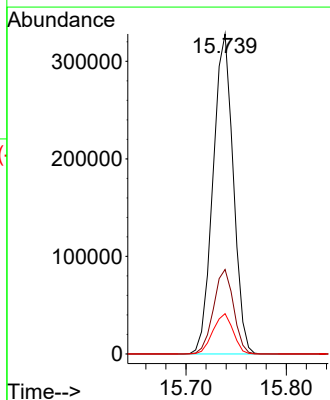
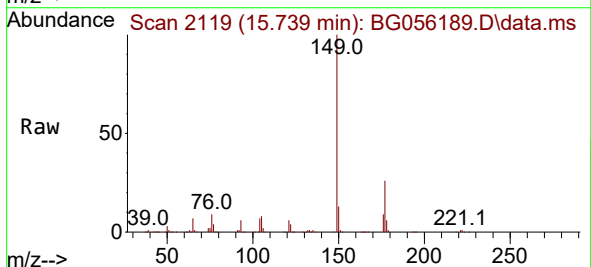
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

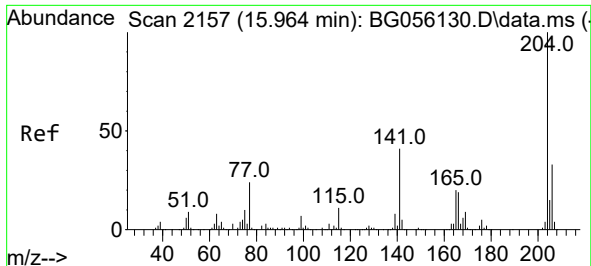
Tgt Ion:232 Resp: 182481
Ion Ratio Lower Upper
232 100
131 28.2 21.4 32.2
130 1.6 1.4 2.0
166 22.1 15.4 23.0



#60
Diethylphthalate
Concen: 52.783 ng
RT: 15.739 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:149 Resp: 458555
Ion Ratio Lower Upper
149 100
177 26.4 20.6 31.0
150 12.6 9.9 14.9

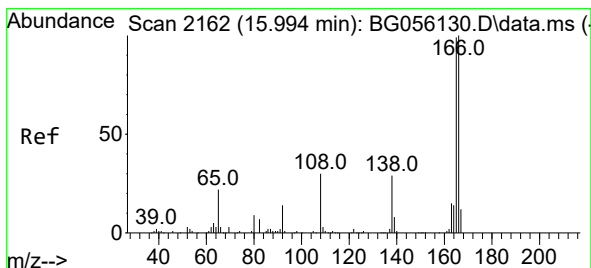
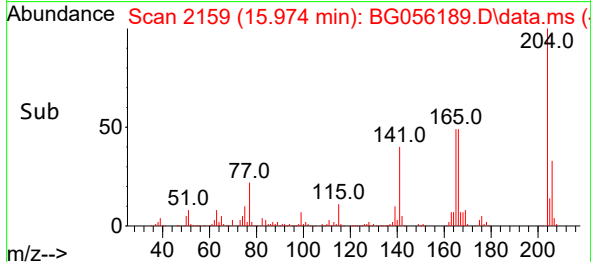
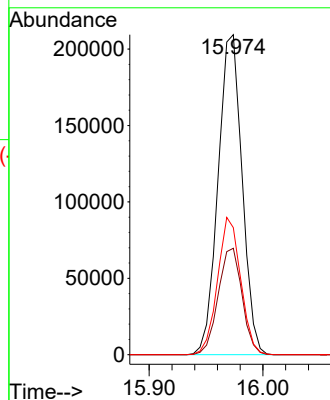
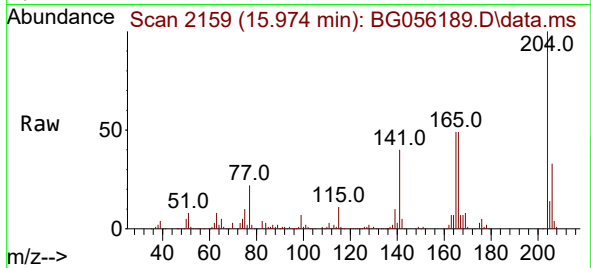




#61
4-Chlorophenyl-phenylether
Concen: 53.931 ng
RT: 15.974 min Scan# 2159
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

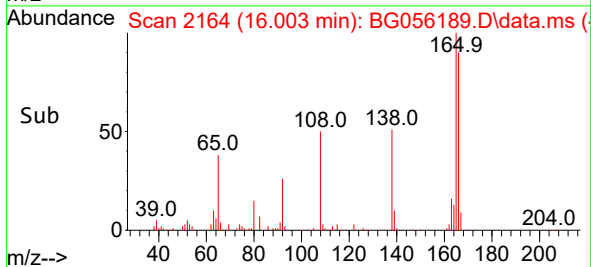
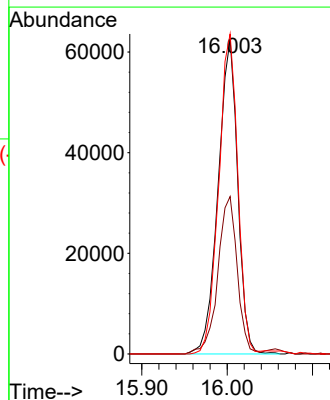
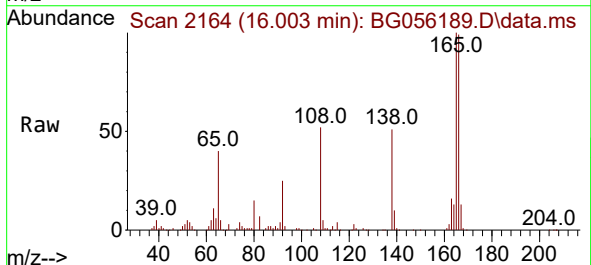
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

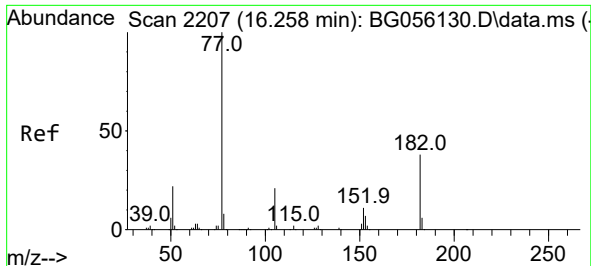
Tgt Ion:204 Resp: 307558
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 39.7 33.0 49.4



#62
4-Nitroaniline
Concen: 51.792 ng
RT: 16.003 min Scan# 2164
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:138 Resp: 99665
Ion Ratio Lower Upper
138 100
92 50.0 28.6 68.6
108 101.6 83.4 123.4

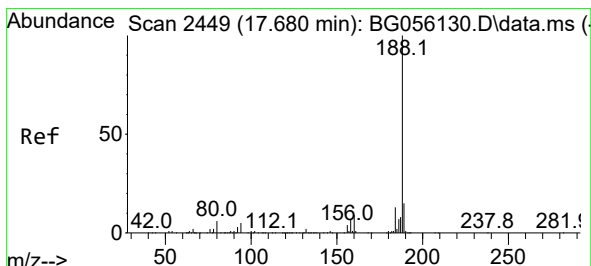
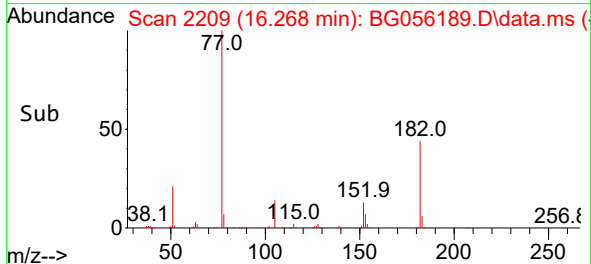
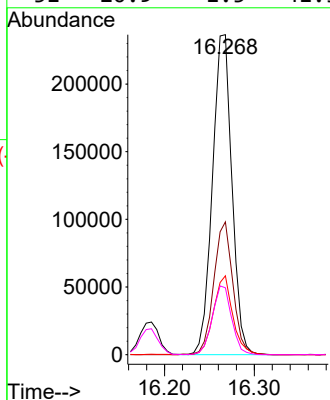
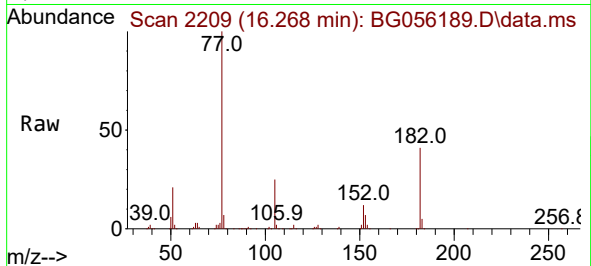




#63
Azobenzene
Concen: 53.203 ng
RT: 16.268 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

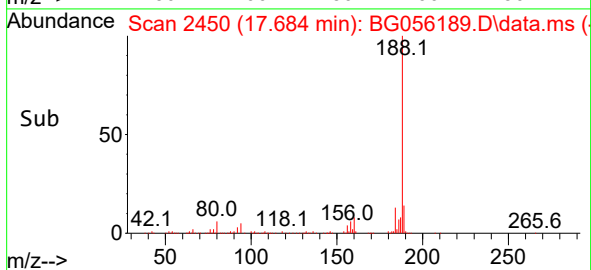
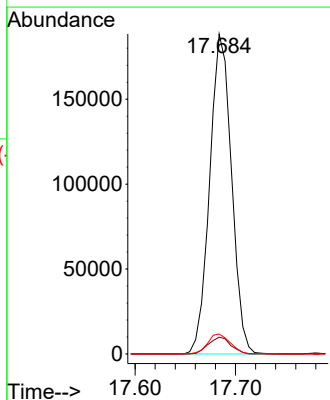
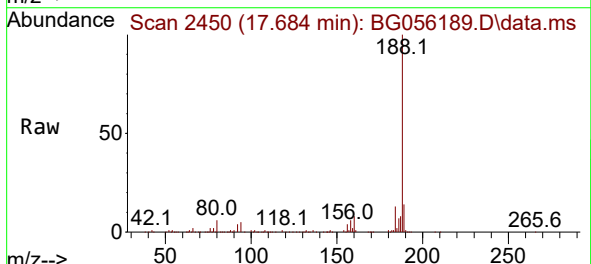
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

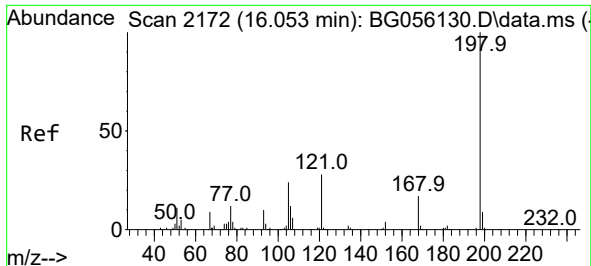
Tgt Ion: 77	Resp: 356672
Ion Ratio	Lower Upper
77 100	
182 41.5	18.5 58.5
105 24.6	1.4 41.4
51 20.9	1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.684 min Scan# 2450
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion: 188	Resp: 284724
Ion Ratio	Lower Upper
188 100	
94 5.3	4.2 6.2
80 6.3	5.0 7.4

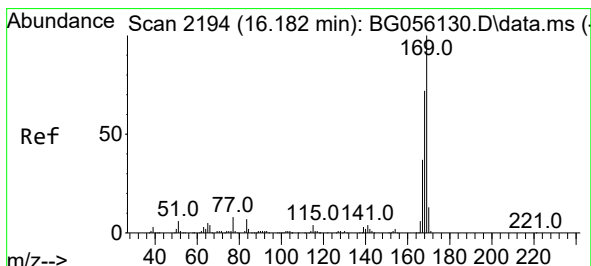
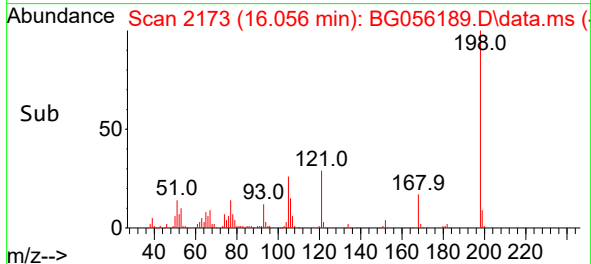
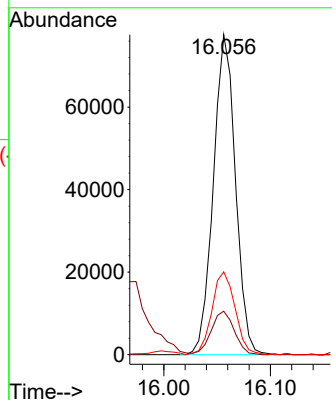
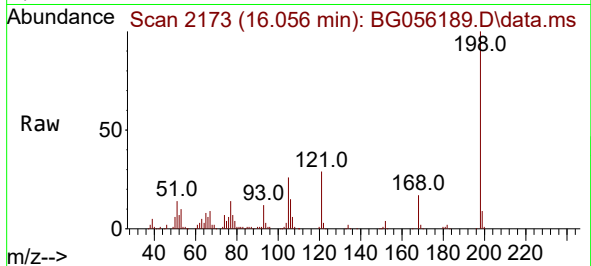




#65
4,6-Dinitro-2-methylphenol
Concen: 58.179 ng
RT: 16.056 min Scan# 2172
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

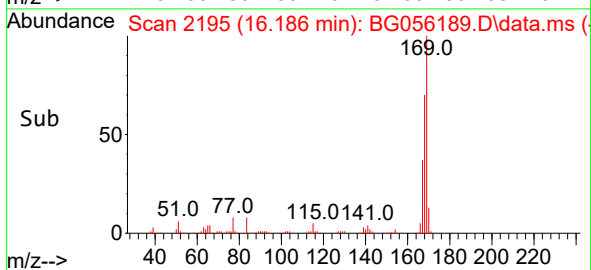
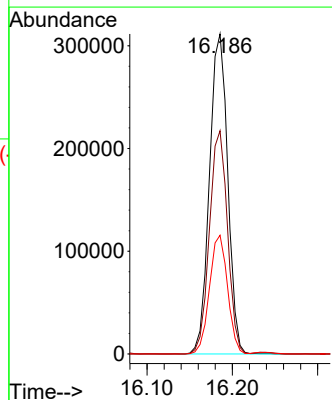
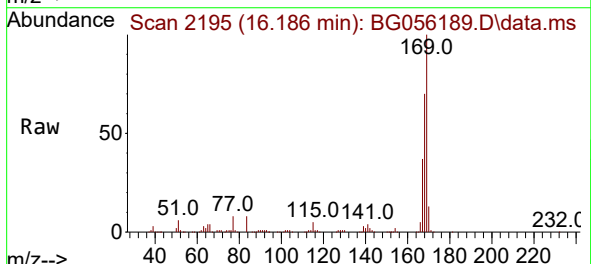
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

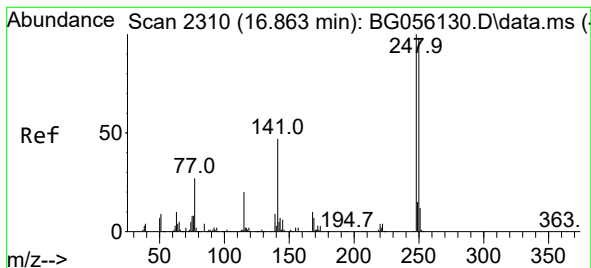
Tgt Ion:198 Resp: 111605
Ion Ratio Lower Upper
198 100
51 13.6 0.0 33.2
105 25.9 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 58.673 ng
RT: 16.186 min Scan# 2195
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:169 Resp: 463506
Ion Ratio Lower Upper
169 100
168 69.7 58.0 87.0
167 37.1 30.0 45.0

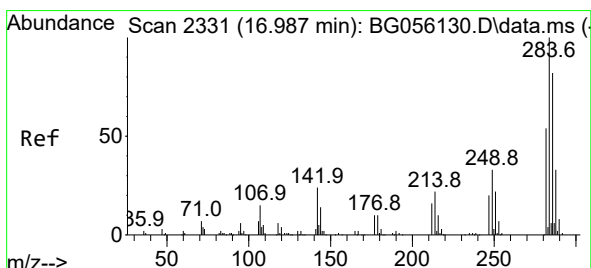
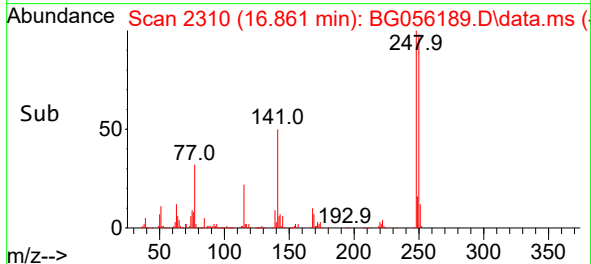
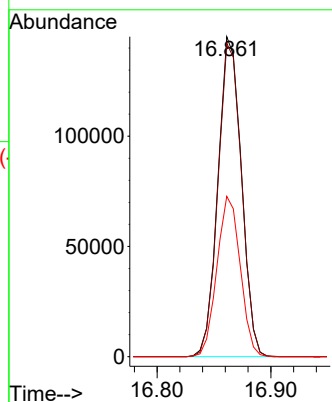
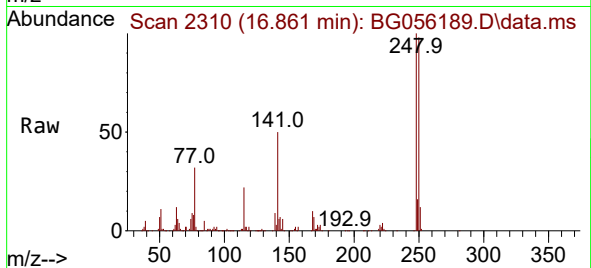




#67
4-Bromophenyl-phenylether
Concen: 57.509 ng
RT: 16.861 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

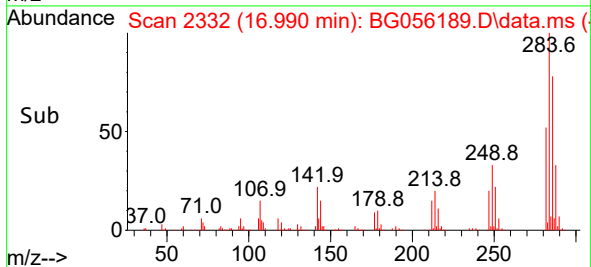
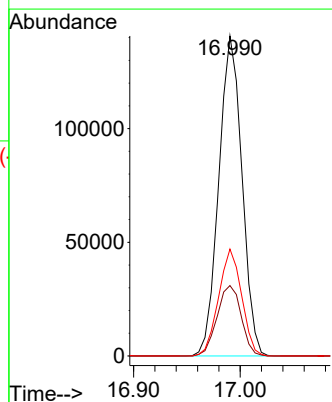
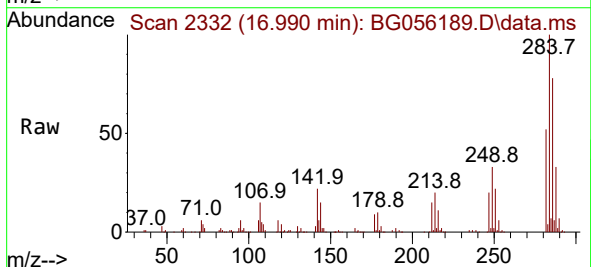
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

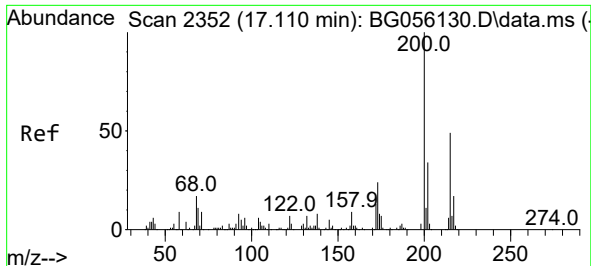
Tgt Ion:248 Resp: 208509
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 50.1 37.6 56.4



#68
Hexachlorobenzene
Concen: 62.730 ng
RT: 16.990 min Scan# 2332
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:284 Resp: 212195
Ion Ratio Lower Upper
284 100
142 22.0 19.0 28.6
249 33.4 26.6 39.8

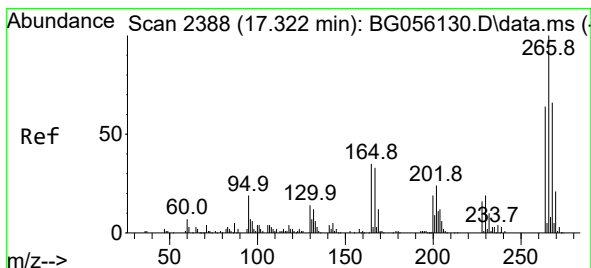
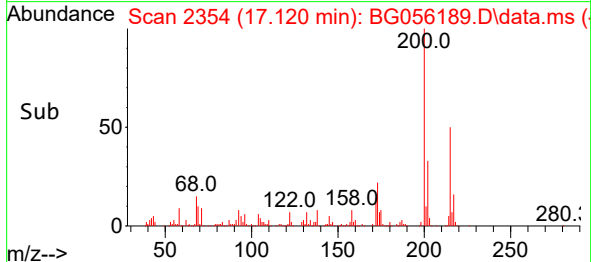
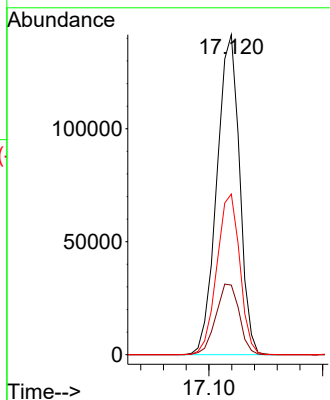
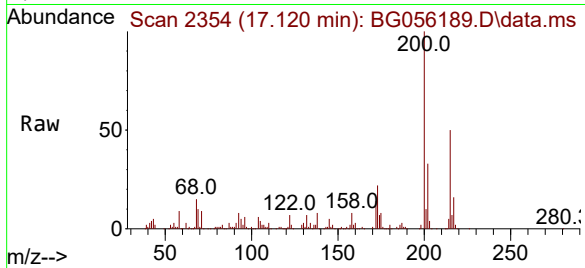




#69
 Atrazine
 Concen: 60.127 ng
 RT: 17.120 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

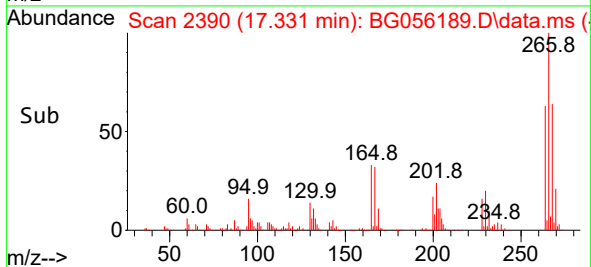
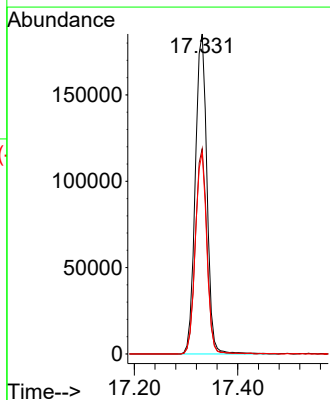
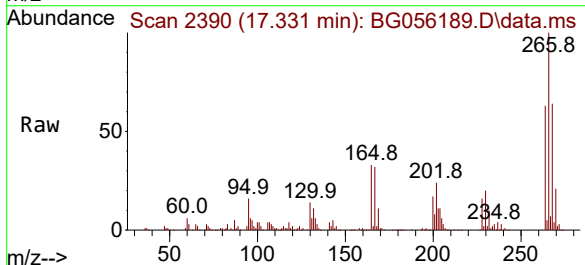
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

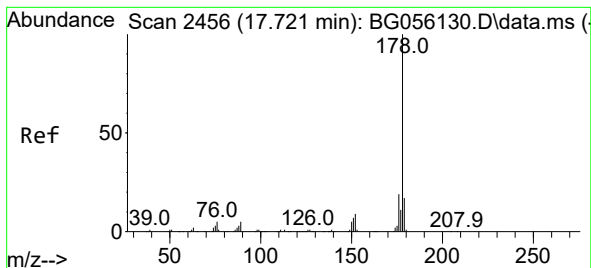
Tgt Ion:200 Resp: 196856
 Ion Ratio Lower Upper
 200 100
 173 21.7 4.0 44.0
 215 50.2 29.1 69.1



#70
 Pentachlorophenol
 Concen: 111.532 ng
 RT: 17.331 min Scan# 2390
 Delta R.T. 0.004 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

Tgt Ion:266 Resp: 289813
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.0 79.4
 264 62.9 51.4 77.2





#71

Phenanthrene

Concen: 57.627 ng

RT: 17.731 min Scan# 2456

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

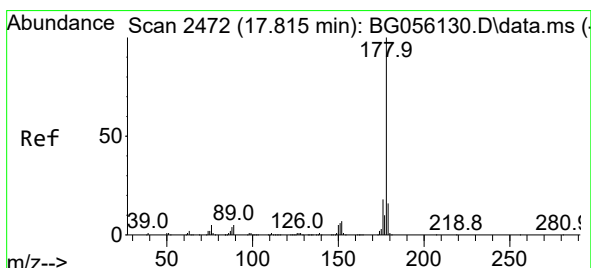
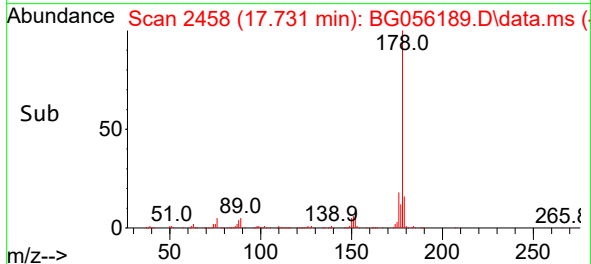
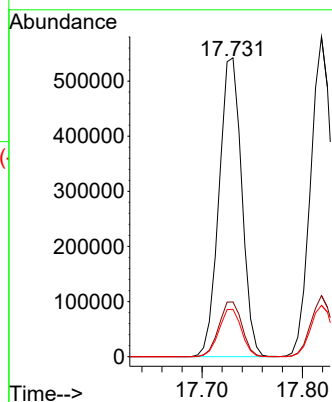
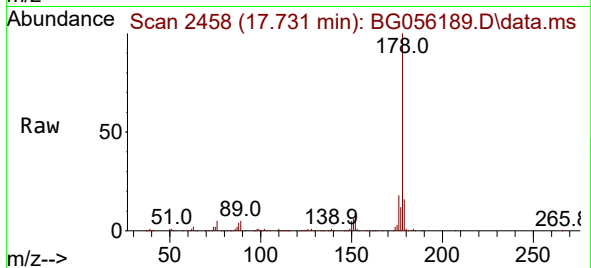
Tgt Ion:178 Resp: 850298

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

179 15.9 13.6 20.4



#72

Anthracene

Concen: 56.963 ng

RT: 17.819 min Scan# 2473

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

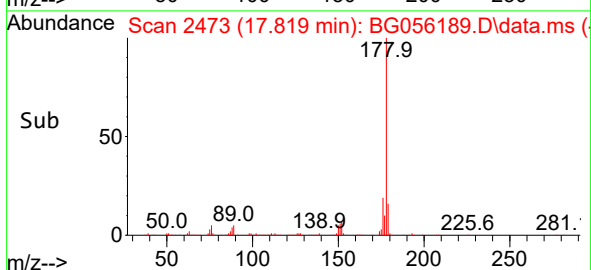
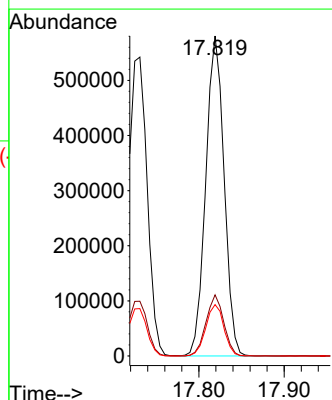
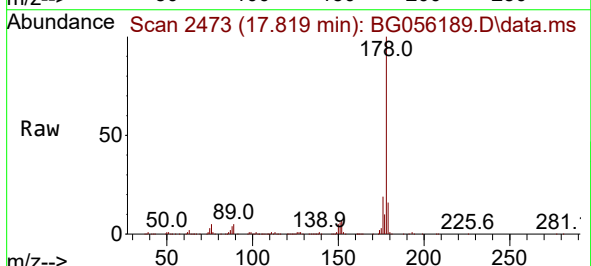
Tgt Ion:178 Resp: 867035

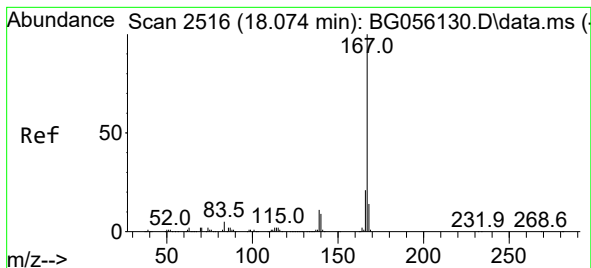
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 16.1 12.7 19.1





#73

Carbazole

Concen: 58.135 ng

RT: 18.083 min Scan# 2516

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

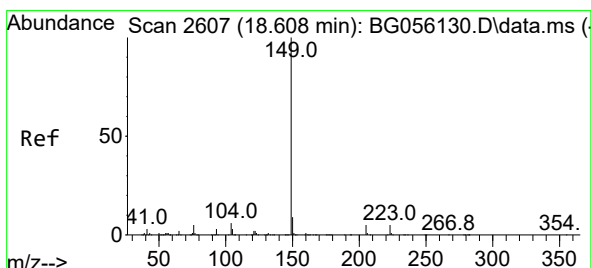
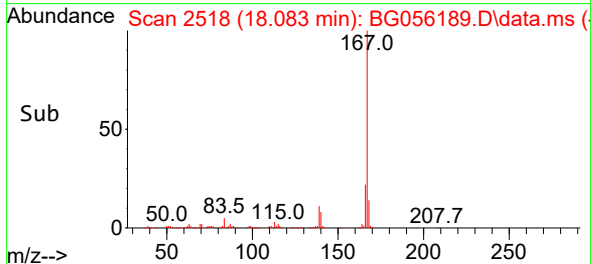
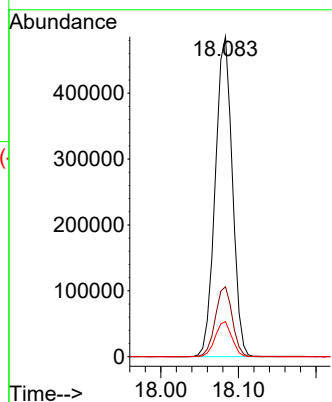
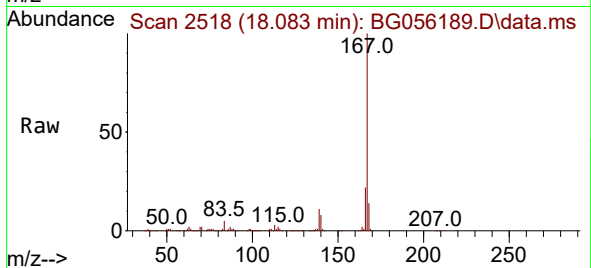
Tgt Ion:167 Resp: 743795

Ion Ratio Lower Upper

167 100

166 21.9 16.8 25.2

139 11.0 8.9 13.3



#74

Di-n-butylphthalate

Concen: 58.123 ng

RT: 18.612 min Scan# 2608

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

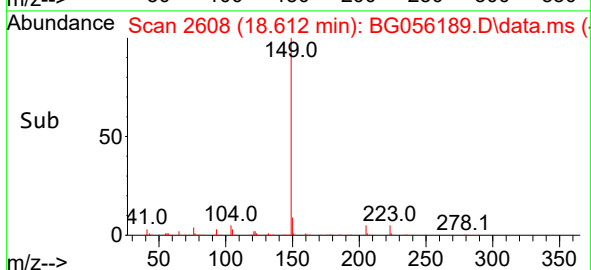
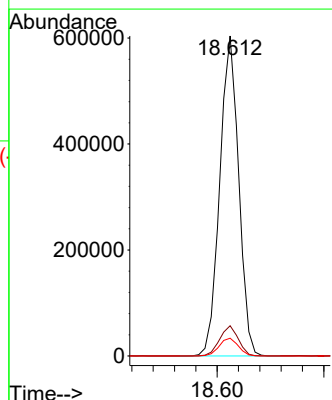
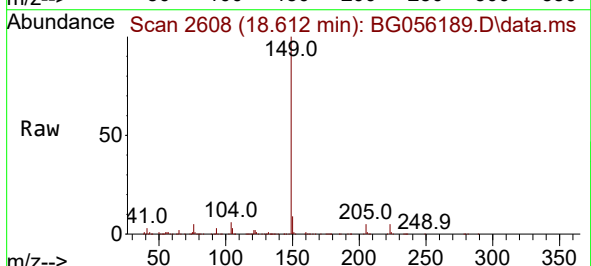
Tgt Ion:149 Resp: 741307

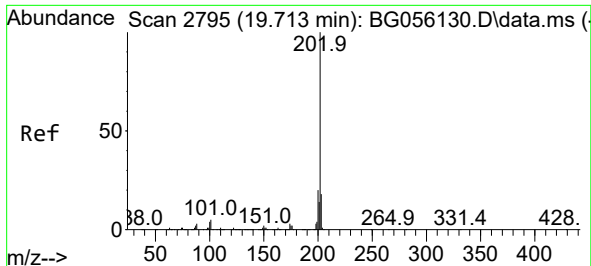
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.5 4.4 6.6

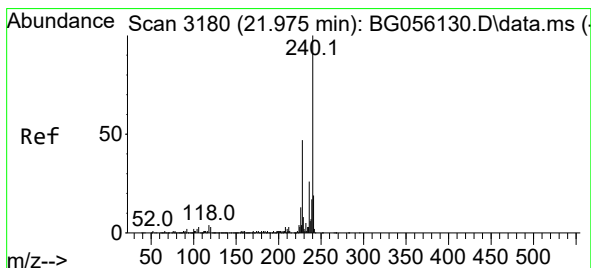
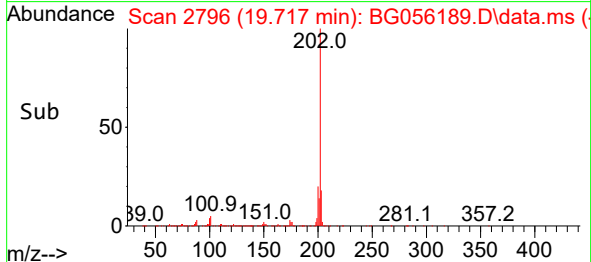
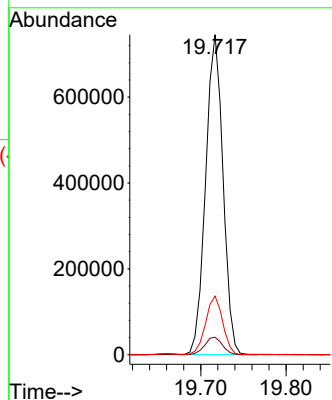
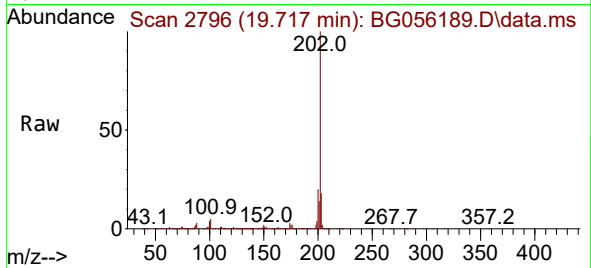




#75
Fluoranthene
Concen: 54.631 ng
RT: 19.717 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

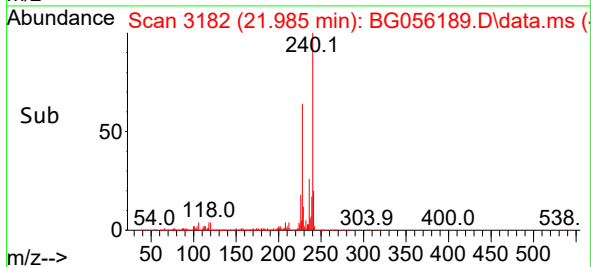
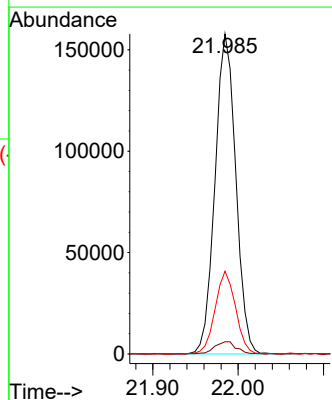
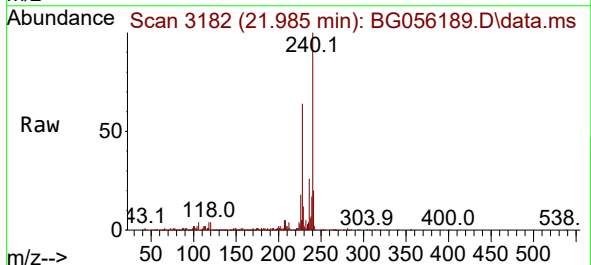
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

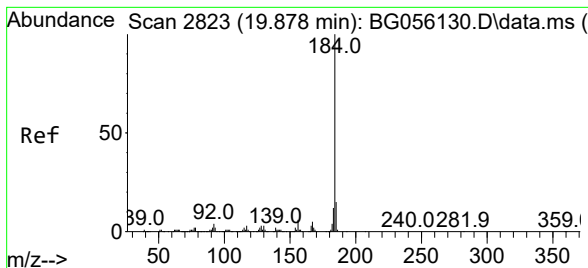
Tgt Ion:202 Resp: 1051485
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.985 min Scan# 3182
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:240 Resp: 267156
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 25.9 20.8 31.2





#77

Benzidine

Concen: 56.571 ng

RT: 19.881 min Scan# 2824

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

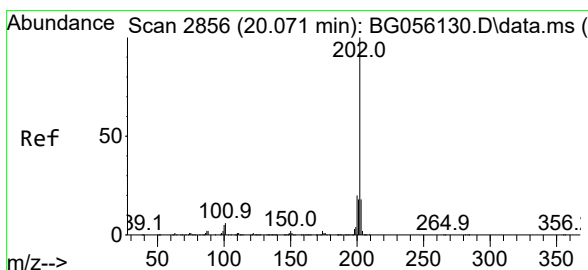
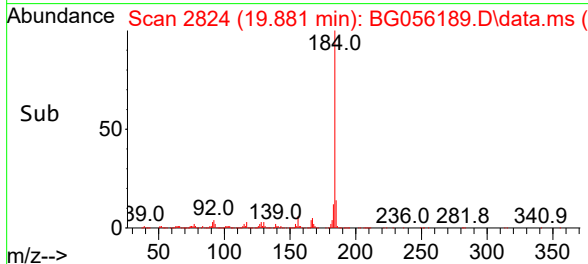
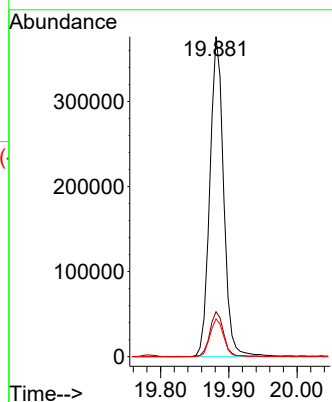
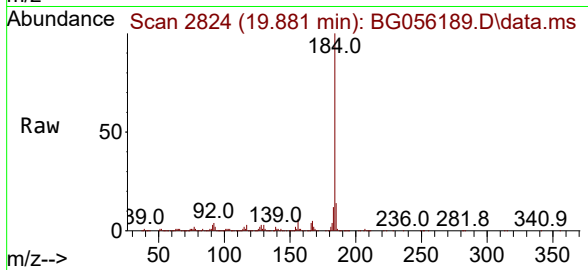
Tgt Ion:184 Resp: 529633

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 56.537 ng

RT: 20.075 min Scan# 2857

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

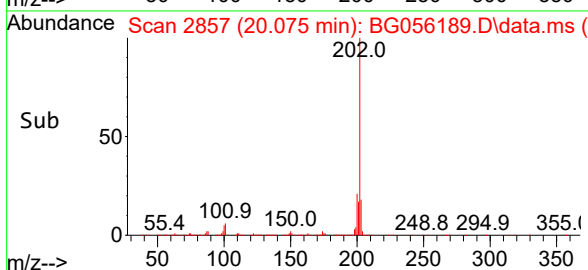
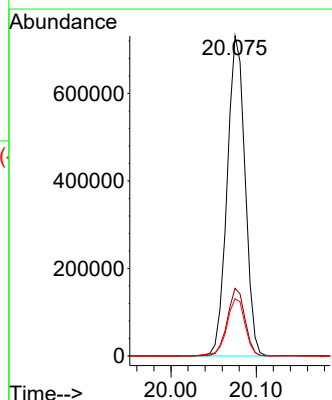
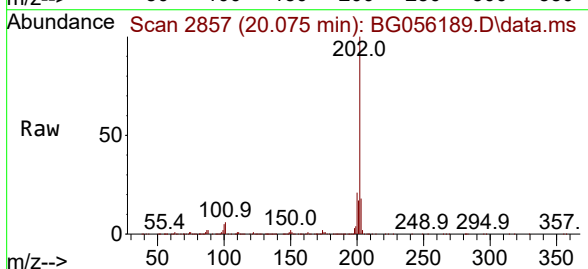
Tgt Ion:202 Resp: 1064610

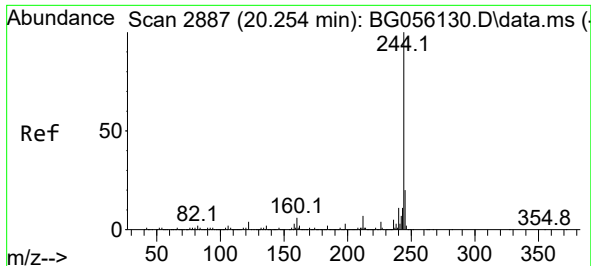
Ion Ratio Lower Upper

202 100

200 21.1 16.4 24.6

203 17.9 14.3 21.5

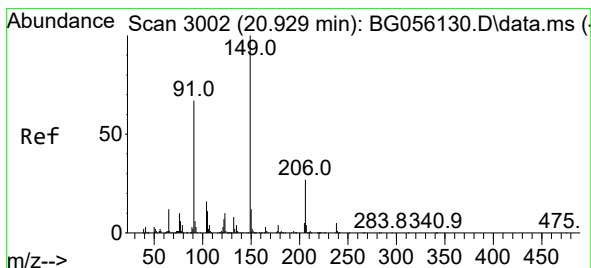
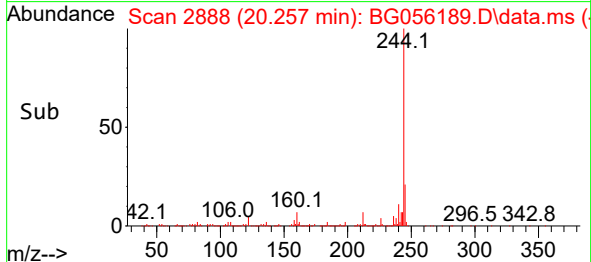
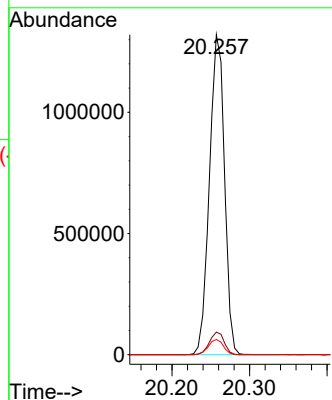
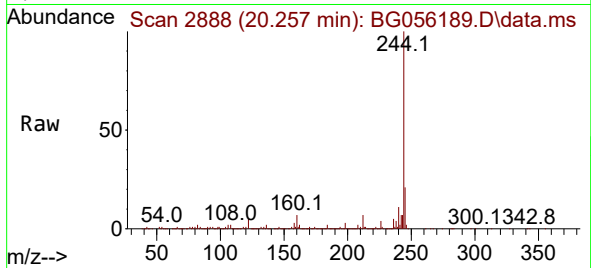




#79
 Terphenyl-d14
 Concen: 119.510 ng
 RT: 20.257 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

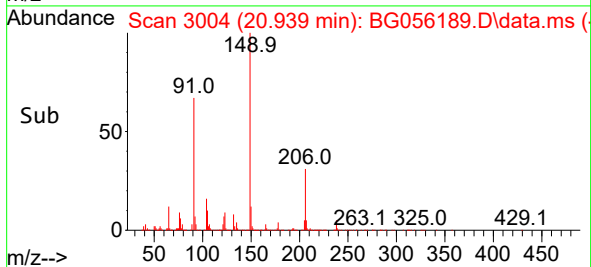
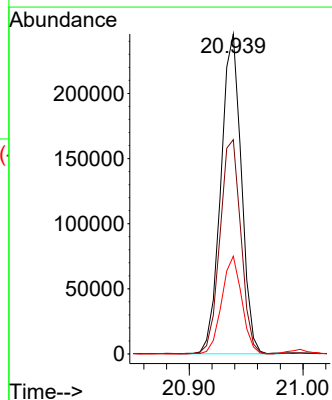
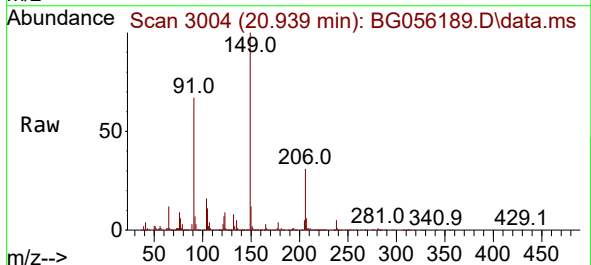
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

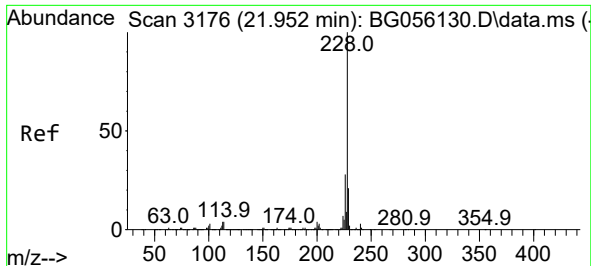
Tgt Ion:244 Resp: 1782630
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 4.8 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 56.846 ng
 RT: 20.939 min Scan# 3004
 Delta R.T. 0.004 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

Tgt Ion:149 Resp: 307098
 Ion Ratio Lower Upper
 149 100
 91 67.0 53.5 80.3
 206 30.5 21.9 32.9

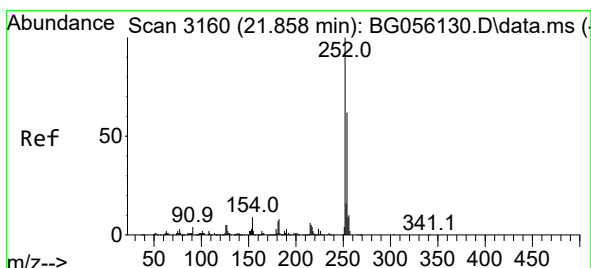
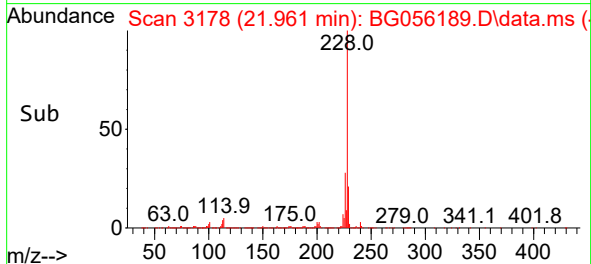
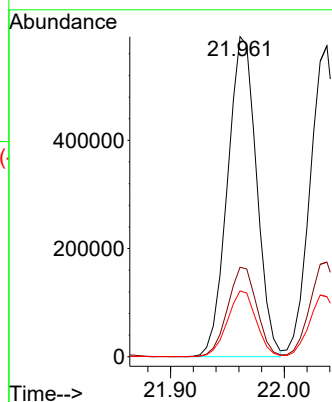
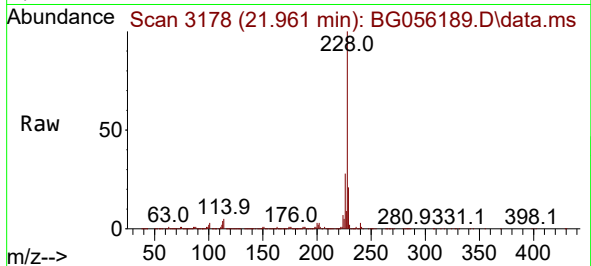




#81
Benzo(a)anthracene
Concen: 56.010 ng
RT: 21.961 min Scan# 3178
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

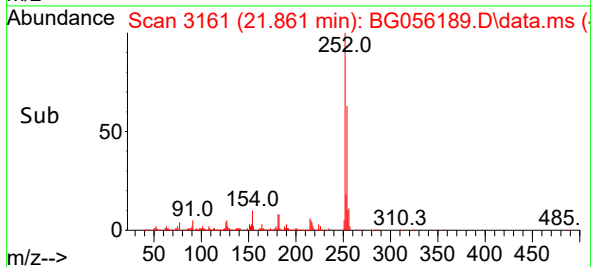
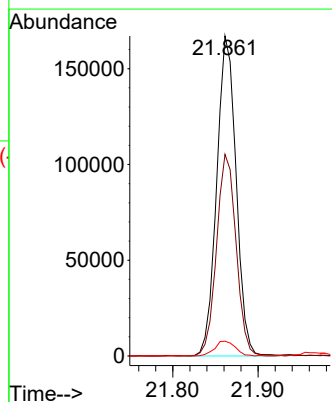
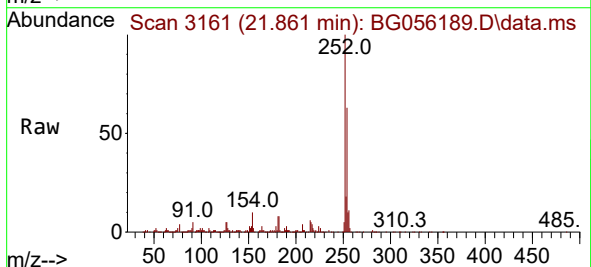
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

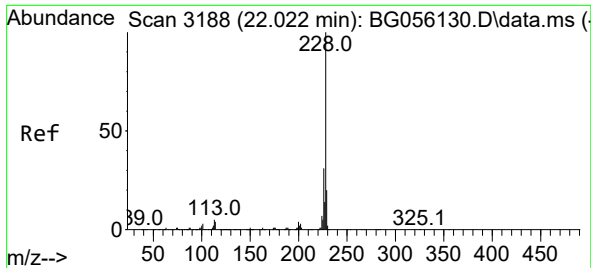
Tgt Ion:228 Resp: 1050994
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 39.182 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:252 Resp: 264667
Ion Ratio Lower Upper
252 100
254 63.0 49.5 74.3
126 4.6 4.0 6.0

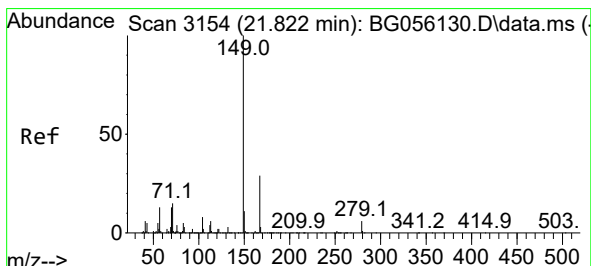
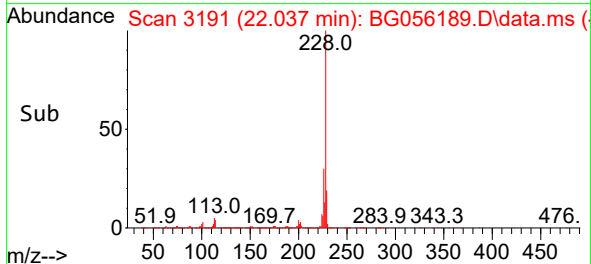
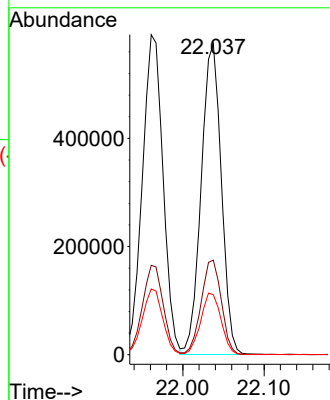
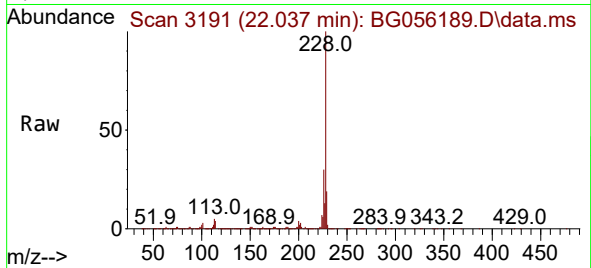




#83
Chrysene
Concen: 56.240 ng
RT: 22.037 min Scan# 3188
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

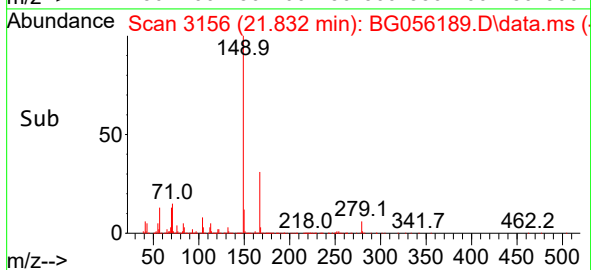
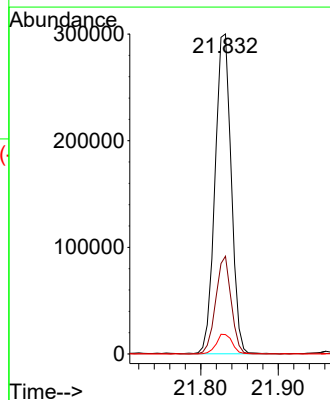
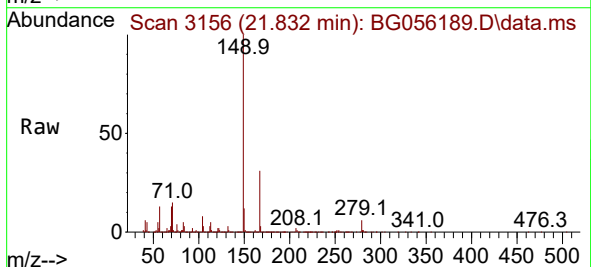
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

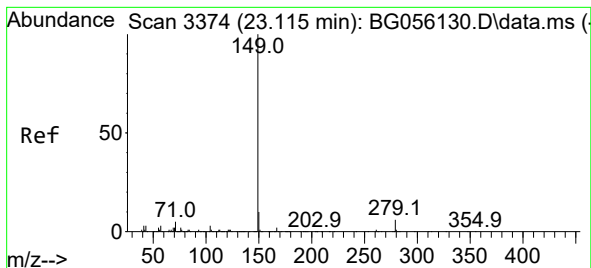
Tgt Ion:228 Resp: 988511
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.3 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.907 ng
RT: 21.832 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:149 Resp: 435127
Ion Ratio Lower Upper
149 100
167 30.5 23.4 35.2
279 6.1 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 56.908 ng

RT: 23.119 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

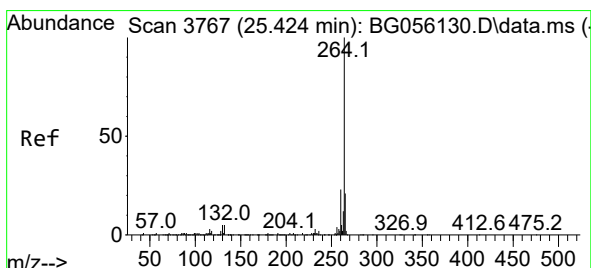
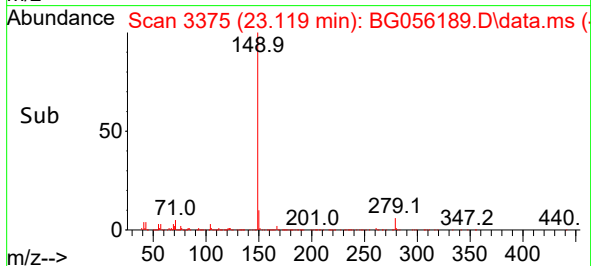
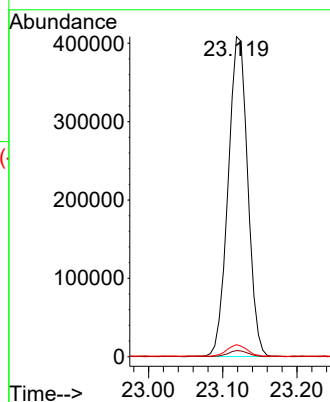
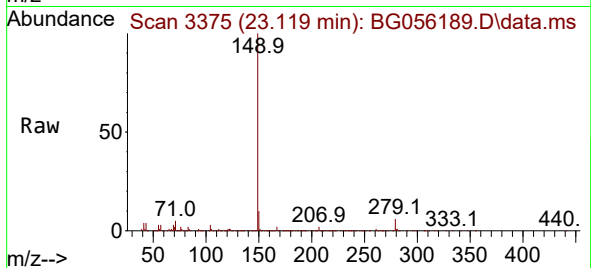
Tgt Ion:149 Resp: 747717

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

43 3.8 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.445 min Scan# 3771

Delta R.T. -0.002 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

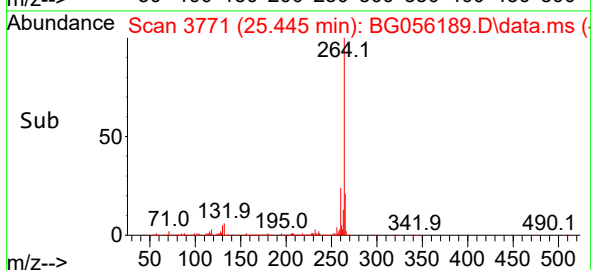
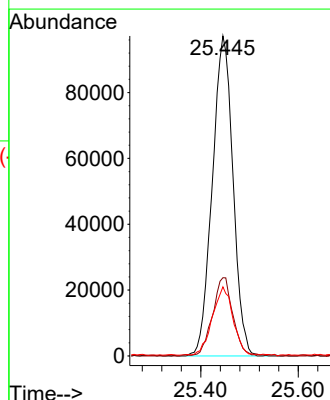
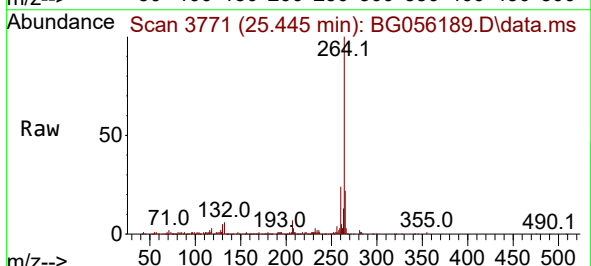
Tgt Ion:264 Resp: 287026

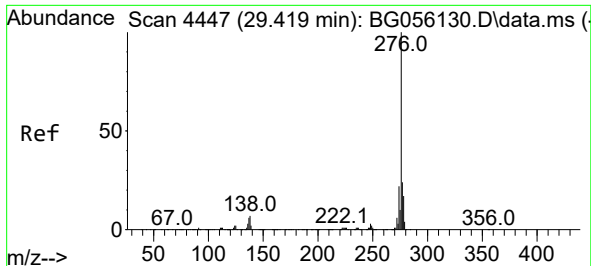
Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 21.6 16.7 25.1

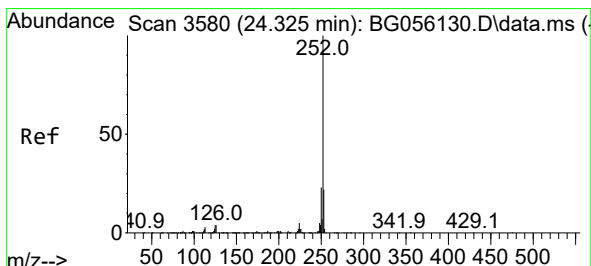
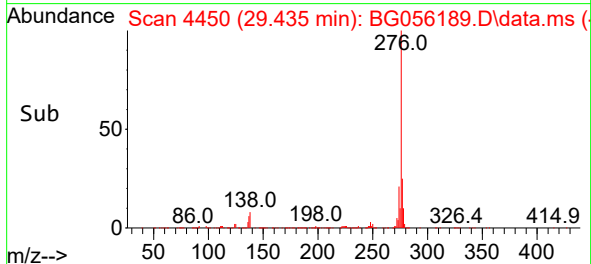
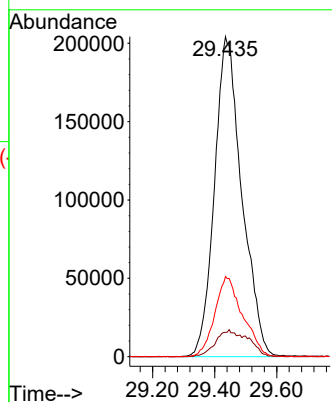
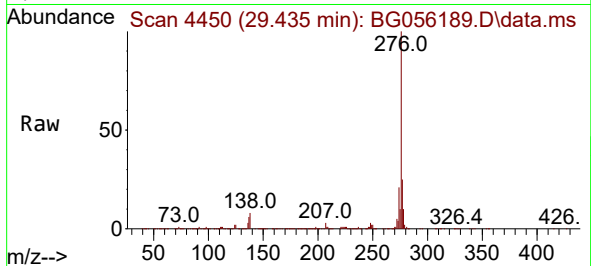




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.857 ng
 RT: 29.435 min Scan# 4447
 Delta R.T. -0.002 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

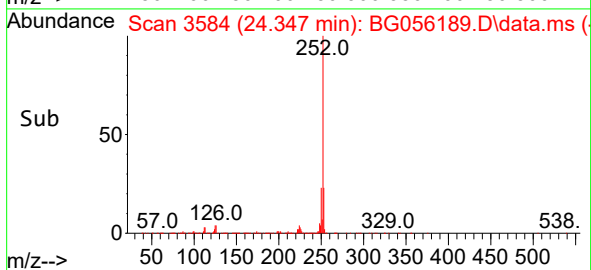
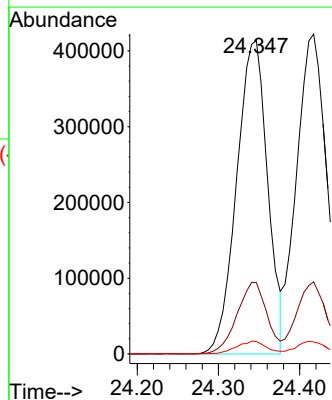
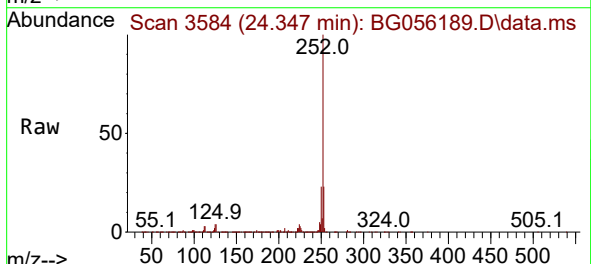
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

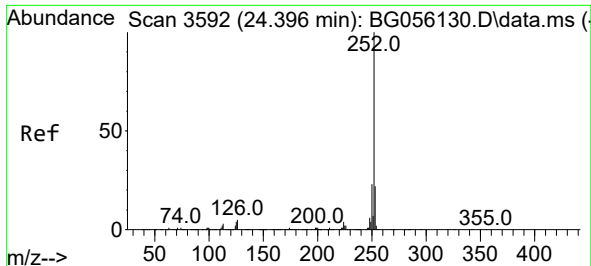
Tgt Ion:276 Resp: 1249474
 Ion Ratio Lower Upper
 276 100
 138 10.0 5.0 7.4#
 277 25.5 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 60.177 ng
 RT: 24.347 min Scan# 3584
 Delta R.T. 0.004 min
 Lab File: BG056189.D
 Acq: 3 Jan 2023 16:59

Tgt Ion:252 Resp: 1097415
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.2
 125 4.0 3.0 4.4

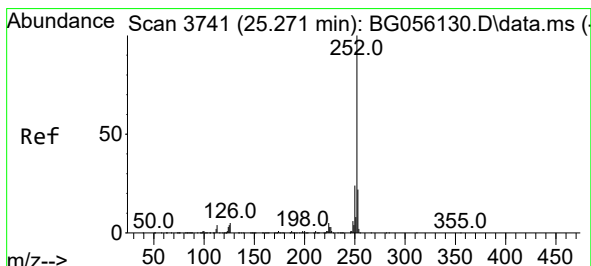
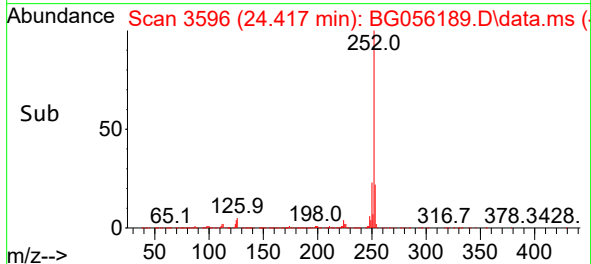
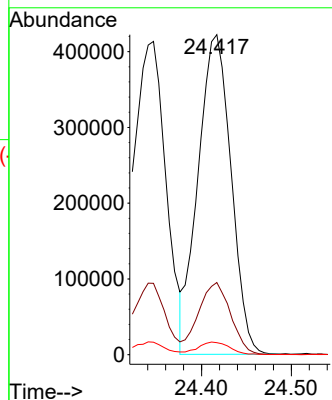
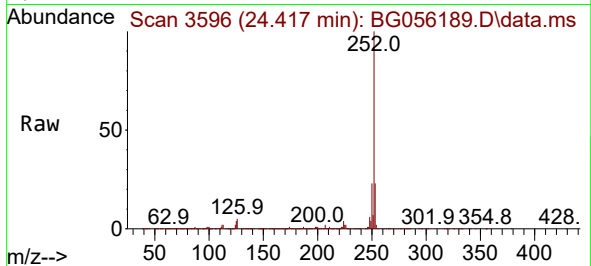




#89
Benzo(k)fluoranthene
Concen: 59.275 ng
RT: 24.417 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

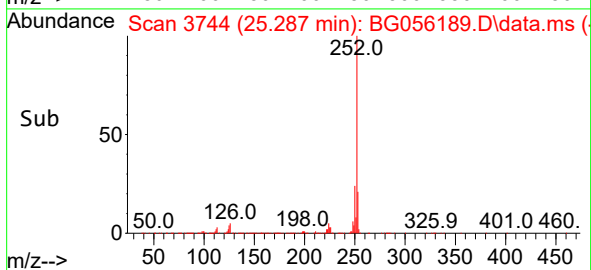
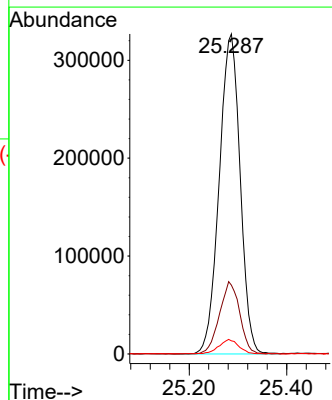
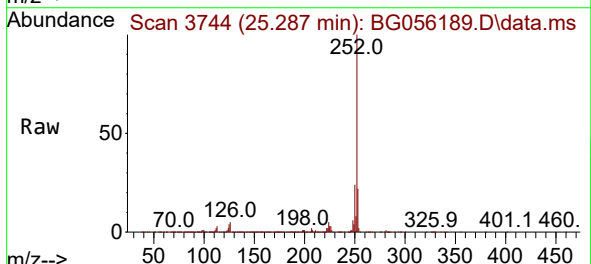
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

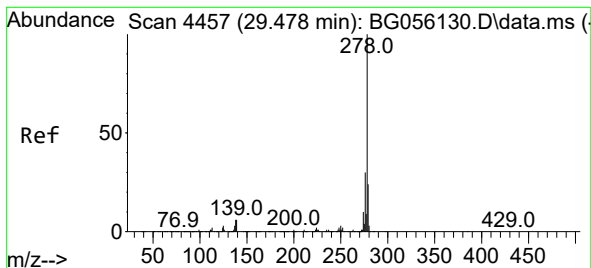
Tgt Ion:252 Resp: 1076432
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 3.7 3.4 5.0



#90
Benzo(a)pyrene
Concen: 54.773 ng
RT: 25.287 min Scan# 3744
Delta R.T. 0.004 min
Lab File: BG056189.D
Acq: 3 Jan 2023 16:59

Tgt Ion:252 Resp: 974254
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 4.1 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 60.453 ng

RT: 29.511 min Scan# 4463

Delta R.T. 0.009 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

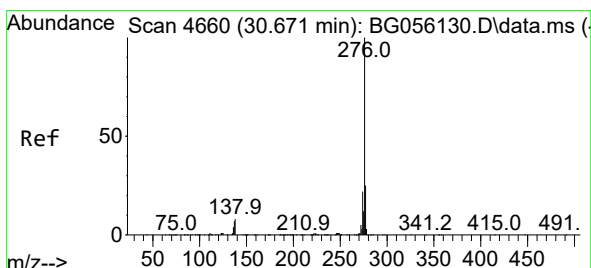
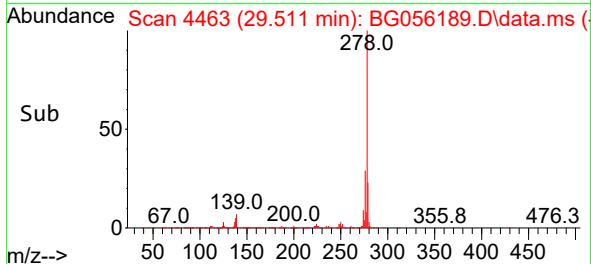
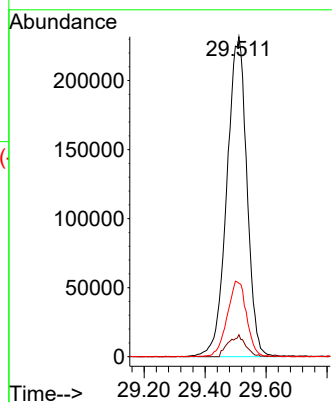
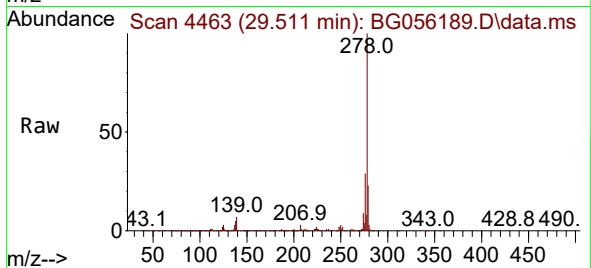
Tgt Ion:278 Resp: 1057987

Ion Ratio Lower Upper

278 100

139 6.9 4.8 7.2

279 23.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 59.484 ng

RT: 30.692 min Scan# 4664

Delta R.T. 0.004 min

Lab File: BG056189.D

Acq: 3 Jan 2023 16:59

Tgt Ion:276 Resp: 1009528

Ion Ratio Lower Upper

276 100

277 22.6 19.7 29.5

138 8.7 6.7 10.1

