

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056174.D
 Acq On : 30 Dec 2022 17:13
 Operator : CG/JU
 Sample : N6242-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

Quant Time: Dec 31 00:18:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	79305	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	280872	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	239346	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	647592	20.000	ng	0.00
76) Chrysene-d12	21.980	240	643770	20.000	ng	0.00
86) Perylene-d12	25.435	264	719296	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	371365	83.610	ng	0.00
7) Phenol-d6	7.473	99	521803	76.499	ng	0.00
23) Nitrobenzene-d5	9.512	82	268376	48.876	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	247637	81.694	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	873051	50.370	ng	0.00
79) Terphenyl-d14	20.252	244	1847383	51.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.678	88	49558	24.428	ng	# 97
3) Pyridine	4.089	79	129293	20.924	ng	# 96
4) n-Nitrosodimethylamine	4.001	42	30907	24.589	ng	# 88
6) Aniline	7.650	93	158392	17.707	ng	95
8) 2-Chlorophenol	7.896	128	122972	27.822	ng	92
9) Benzaldehyde	7.462	77	72707	17.927	ng	97
10) Phenol	7.503	94	184622	26.689	ng	93
11) bis(2-Chloroethyl)ether	7.738	93	109486	23.355	ng	95
12) 1,3-Dichlorobenzene	8.225	146	144315	26.828	ng	95
13) 1,4-Dichlorobenzene	8.372	146	145123	26.866	ng	99
14) 1,2-Dichlorobenzene	8.695	146	141353	27.120	ng	97
15) Benzyl Alcohol	8.566	79	116356	23.438	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.854	45	18730	22.610	ng	90
17) 2-Methylphenol	8.766	107	123021	24.236	ng	99
18) Hexachloroethane	9.436	117	42285	25.768	ng	94
19) n-Nitroso-di-n-propyla...	9.142	70	86237	20.791	ng	99
20) 3+4-Methylphenols	9.095	107	168815	23.656	ng	94
22) Acetophenone	9.165	105	201246	25.340	ng	# 99
24) Nitrobenzene	9.553	77	131706	24.204	ng	99
25) Isophorone	10.076	82	258970	22.416	ng	# 94
26) 2-Nitrophenol	10.270	139	75132	26.985	ng	97
27) 2,4-Dimethylphenol	10.311	122	139784	27.527	ng	98
28) bis(2-Chloroethoxy)met...	10.552	93	146689	24.429	ng	98
29) 2,4-Dichlorophenol	10.805	162	159713	28.448	ng	99
30) 1,2,4-Trichlorobenzene	11.028	180	171760	26.960	ng	98
31) Naphthalene	11.222	128	373053	25.237	ng	98
32) Benzoic acid	10.429	122	84339	22.384	ng	94
33) 4-Chloroaniline	11.316	127	87703	12.427	ng	97
34) Hexachlorobutadiene	11.492	225	123334	26.916	ng	94
35) Caprolactam	12.080	113	31481	16.562	ng	97
36) 4-Chloro-3-methylphenol	12.409	107	149420	26.229	ng	99
37) 2-Methylnaphthalene	12.797	142	299054	23.960	ng	100
38) 1-Methylnaphthalene	13.014	142	279383	24.105	ng	96
40) 1,2,4,5-Tetrachloroben...	13.155	216	232436	25.911	ng	98
41) Hexachlorocyclopentadiene	13.137	237	325319	63.609	ng	96
43) 2,4,6-Trichlorophenol	13.384	196	161996	27.310	ng	98

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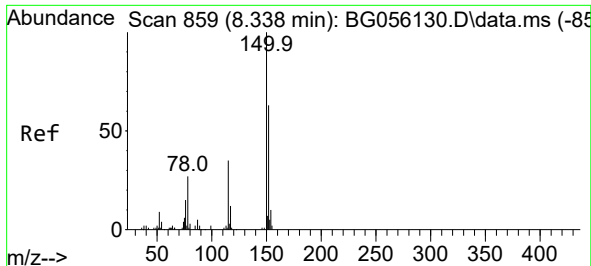
Quant Time: Dec 31 00:18:58 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.460	196	178209	25.397	ng	97
46) 1,1'-Biphenyl	13.784	154	442692	25.826	ng	98
47) 2-Chloronaphthalene	13.836	162	351175	25.956	ng	100
48) 2-Nitroaniline	14.024	65	72671	25.209	ng	97
49) Acenaphthylene	14.671	152	546881	24.839	ng	100
50) Dimethylphthalate	14.383	163	481949	24.944	ng	99
51) 2,6-Dinitrotoluene	14.506	165	104959	25.494	ng	96
52) Acenaphthene	15.012	154	399194	27.877	ng	99
53) 3-Nitroaniline	14.841	138	60310	15.392	ng	98
54) 2,4-Dinitrophenol	15.041	184	142968	48.609	ng	95
55) Dibenzofuran	15.341	168	590365	24.913	ng	99
56) 4-Nitrophenol	15.129	139	165389	54.883	ng	97
57) 2,4-Dinitrotoluene	15.294	165	151616	26.332	ng	90
58) Fluorene	15.987	166	472511	24.791	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.558	232	181313	27.520	ng	97
60) Diethylphthalate	15.734	149	439804	24.272	ng	98
61) 4-Chlorophenyl-phenyle...	15.969	204	297030	24.972	ng	100
62) 4-Nitroaniline	15.999	138	100337	24.999	ng	98
63) Azobenzene	16.257	77	333085	23.821	ng	98
65) 4,6-Dinitro-2-methylph...	16.052	198	110550	25.338	ng	97
66) n-Nitrosodiphenylamine	16.181	169	446995	24.878	ng	96
67) 4-Bromophenyl-phenylether	16.862	248	203871	24.722	ng	99
68) Hexachlorobenzene	16.986	284	206294	26.813	ng	99
69) Atrazine	17.115	200	199200	26.751	ng	98
70) Pentachlorophenol	17.326	266	285907	48.376	ng	98
71) Phenanthrene	17.726	178	839855	25.025	ng	98
72) Anthracene	17.814	178	869908	25.128	ng	100
73) Carbazole	18.079	167	748255	25.713	ng	98
74) Di-n-butylphthalate	18.607	149	748154	25.791	ng	99
75) Fluoranthene	19.712	202	1089095	24.879	ng	100
77) Benzidine	19.876	184	462143	20.485	ng	98
78) Pyrene	20.070	202	1100799	24.260	ng	100
80) Butylbenzylphthalate	20.934	149	321417	24.690	ng	97
81) Benzo(a)anthracene	21.956	228	1118378	24.734	ng	99
82) 3,3'-Dichlorobenzidine	21.856	252	244164	15.001	ng	98
83) Chrysene	22.027	228	1032109	24.368	ng	99
84) Bis(2-ethylhexyl)phtha...	21.827	149	460684	24.563	ng	100
85) Di-n-octyl phthalate	23.114	149	791801	25.008	ng	100
87) Indeno(1,2,3-cd)pyrene	29.412	276	1328514	25.396	ng	# 99
88) Benzo(b)fluoranthene	24.330	252	1182426	25.873	ng	99
89) Benzo(k)fluoranthene	24.401	252	1128492	24.797	ng	99
90) Benzo(a)pyrene	25.270	252	1041924	23.375	ng	100
91) Dibenzo(a,h)anthracene	29.489	278	1104059	25.173	ng	98
92) Benzo(g,h,i)perylene	30.664	276	1058044	24.877	ng	99

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

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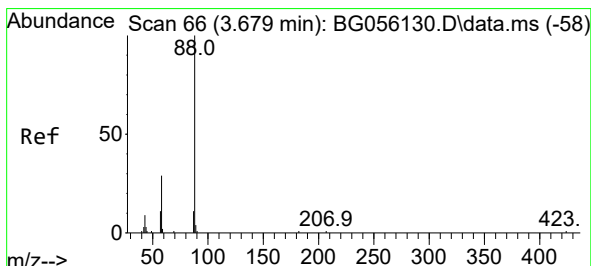
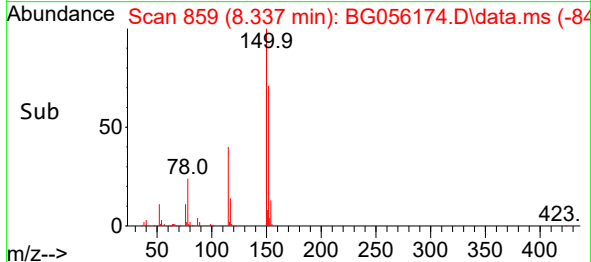
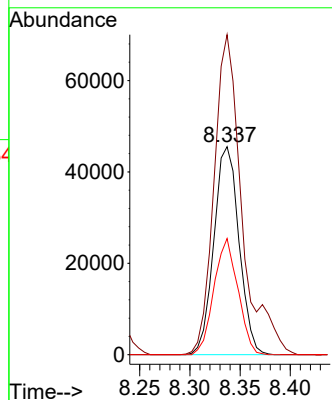
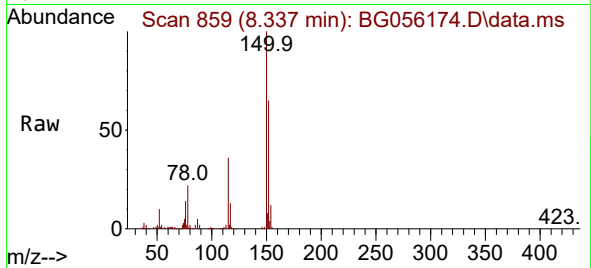




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.337 min Scan# 859
 Delta R.T. -0.001 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

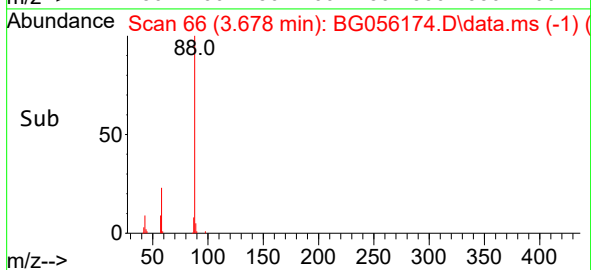
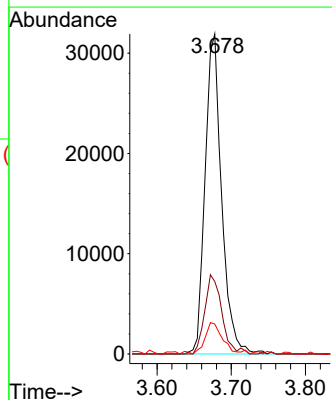
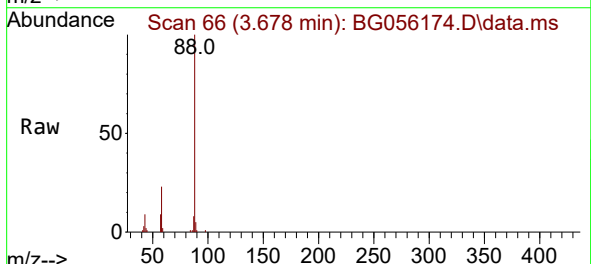
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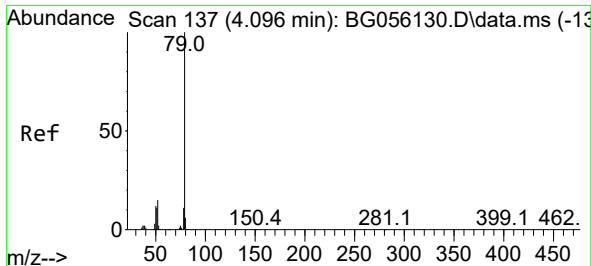
Tgt Ion:152 Resp: 79305
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.9 191.9
 115 55.8 44.2 66.2



#2
 1,4-Dioxane
 Concen: 24.428 ng
 RT: 3.678 min Scan# 66
 Delta R.T. -0.001 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

Tgt Ion: 88 Resp: 49558
 Ion Ratio Lower Upper
 88 100
 58 25.6 21.4 32.0
 43 10.8 7.1 10.7#

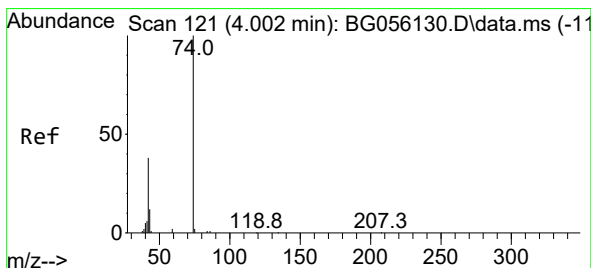
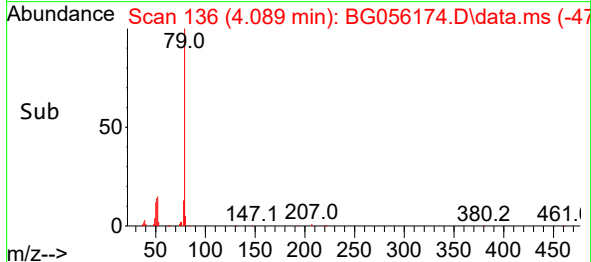
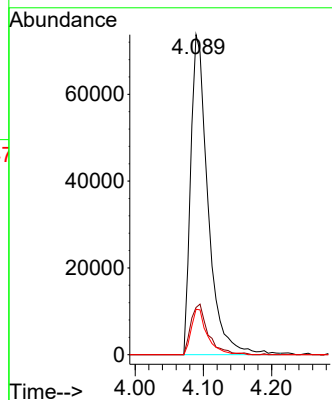
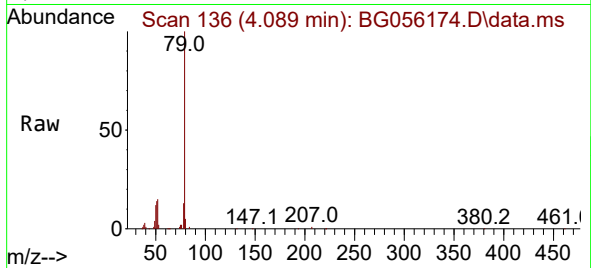




#3
 Pyridine
 Concen: 20.924 ng
 RT: 4.089 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

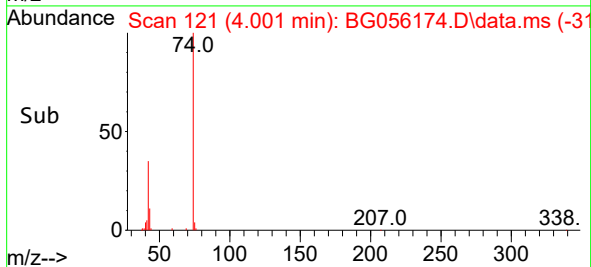
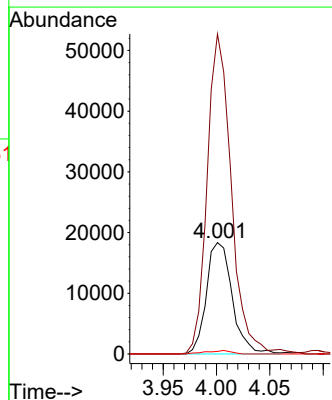
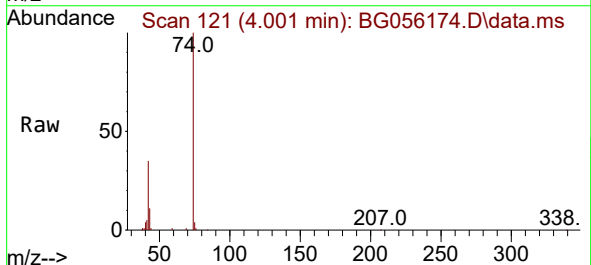
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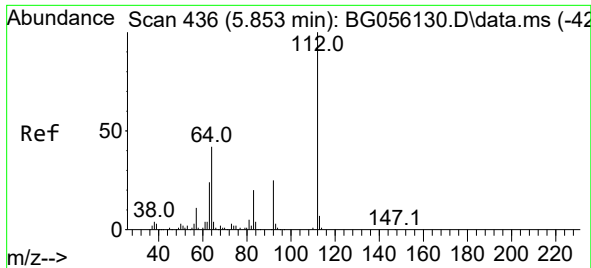
Tgt Ion: 79 Resp: 129293
 Ion Ratio Lower Upper
 79 100
 52 14.8 11.8 17.6
 51 14.2 8.8 13.2#



#4
 n-Nitrosodimethylamine
 Concen: 24.589 ng
 RT: 4.001 min Scan# 121
 Delta R.T. -0.001 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

Tgt Ion: 42 Resp: 30907
 Ion Ratio Lower Upper
 42 100
 74 287.3 212.6 319.0
 44 2.3 2.6 3.8#

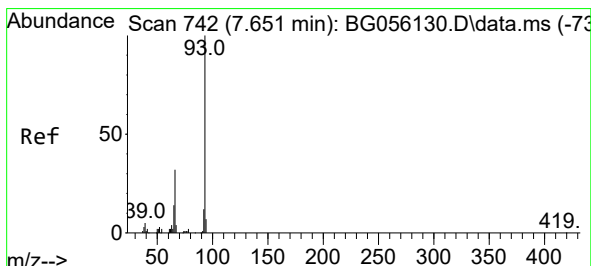
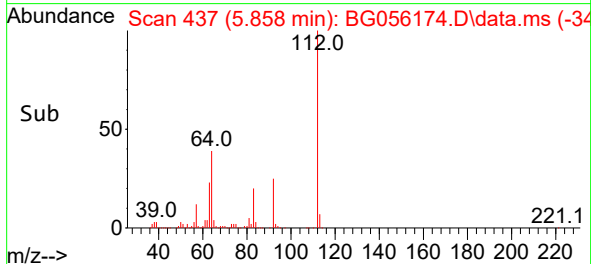
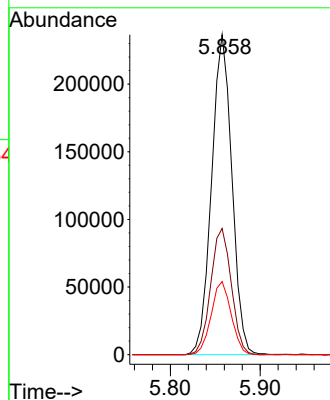
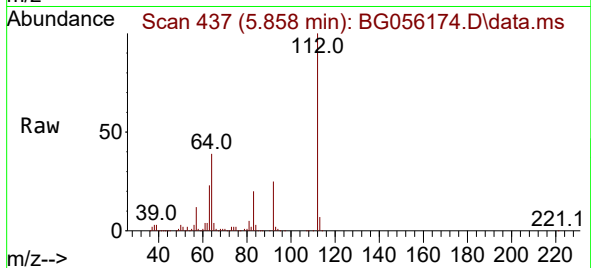




#5
2-Fluorophenol
Concen: 83.610 ng
RT: 5.858 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

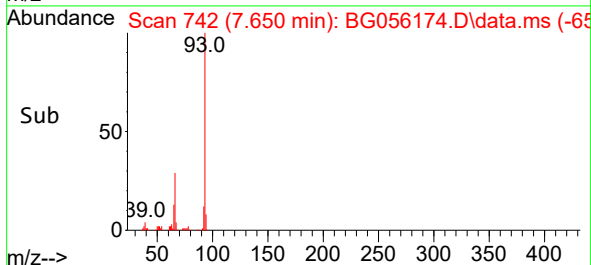
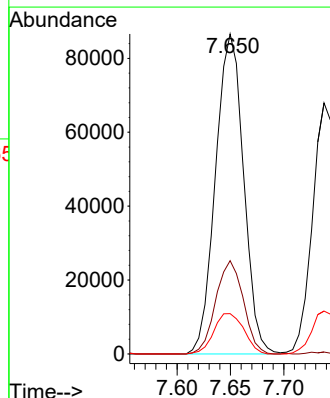
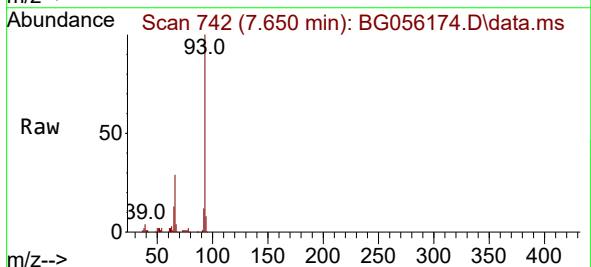
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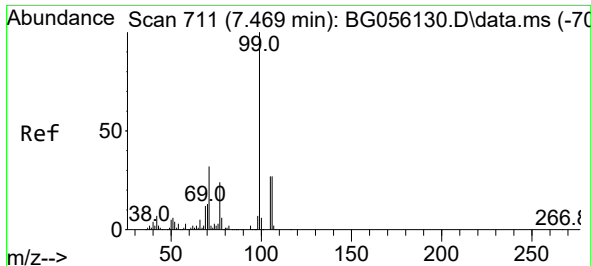
Tgt Ion:112 Resp: 371365
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 22.8 19.0 28.4



#6
Aniline
Concen: 17.707 ng
RT: 7.650 min Scan# 742
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion: 93 Resp: 158392
Ion Ratio Lower Upper
93 100
66 29.1 25.4 38.2
65 12.6 11.4 17.2

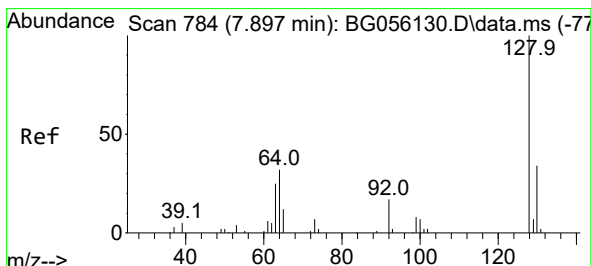
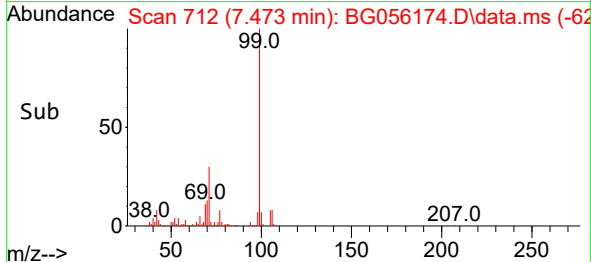
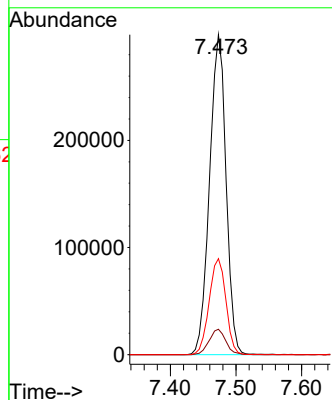
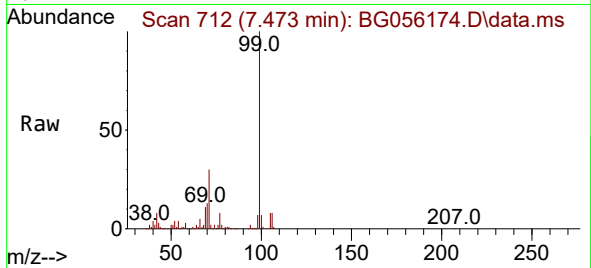




#7
Phenol-d6
Concen: 76.499 ng
RT: 7.473 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

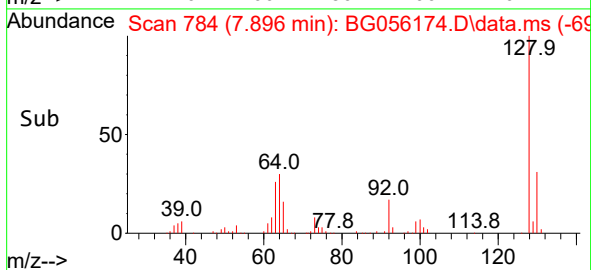
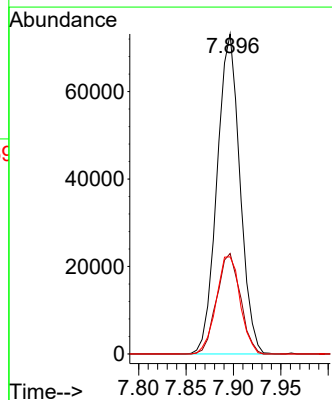
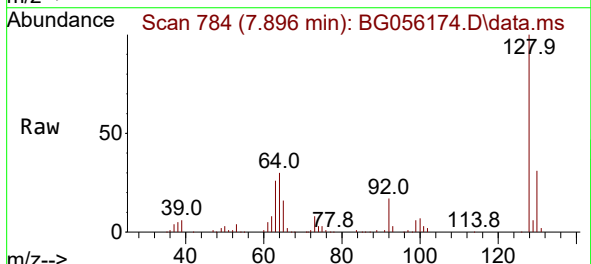
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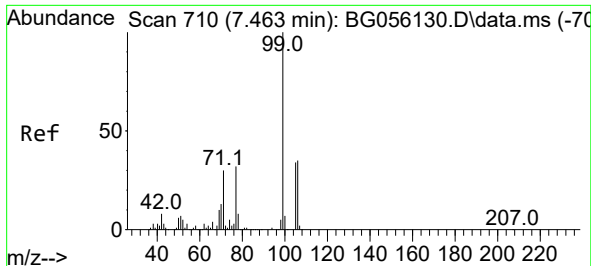
Tgt Ion: 99 Resp: 521803
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.0 25.4 38.2



#8
2-Chlorophenol
Concen: 27.822 ng
RT: 7.896 min Scan# 784
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion: 128 Resp: 122972
Ion Ratio Lower Upper
128 100
130 31.4 13.5 53.5
64 30.4 18.0 58.0

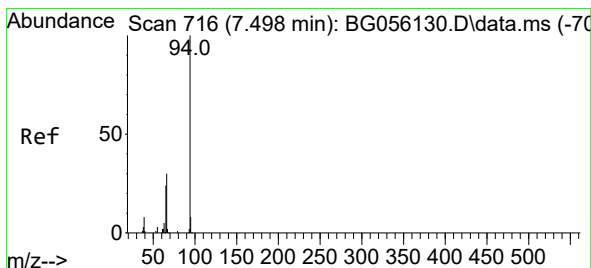
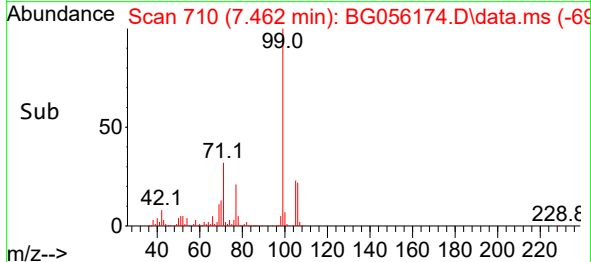
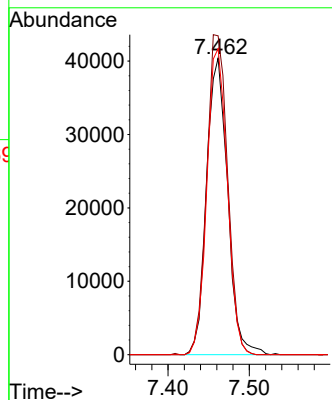
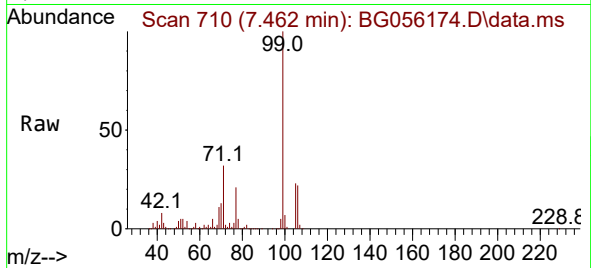




#9
Benzaldehyde
Concen: 17.927 ng
RT: 7.462 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

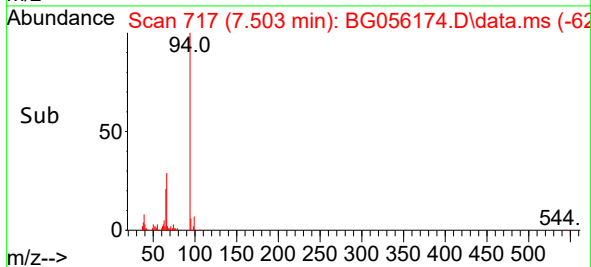
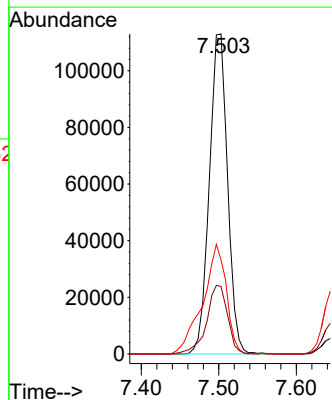
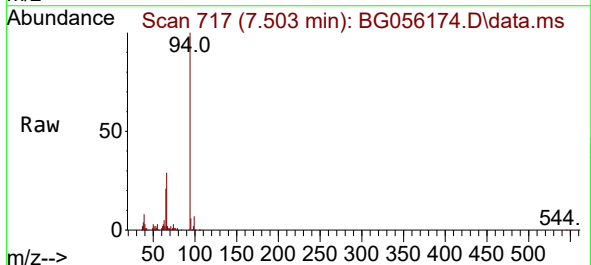
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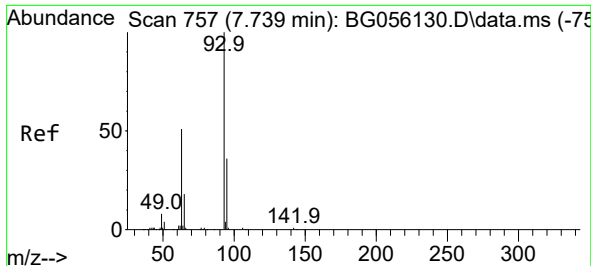
Tgt Ion: 77 Resp: 72707
Ion Ratio Lower Upper
77 100
105 107.5 86.8 126.8
106 103.2 89.3 129.3



#10
Phenol
Concen: 26.689 ng
RT: 7.503 min Scan# 717
Delta R.T. 0.005 min
Lab File: BG056174.D
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Tgt Ion: 94 Resp: 184622
Ion Ratio Lower Upper
94 100
65 21.1 4.3 44.3
66 29.4 13.2 53.2

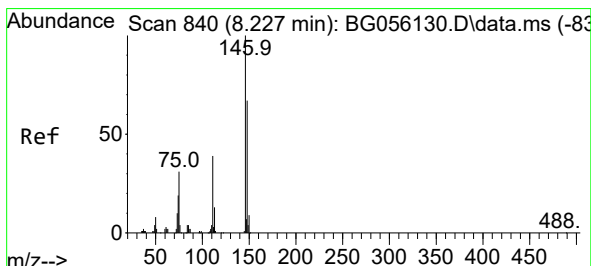
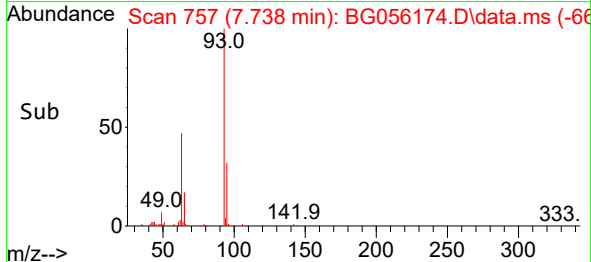
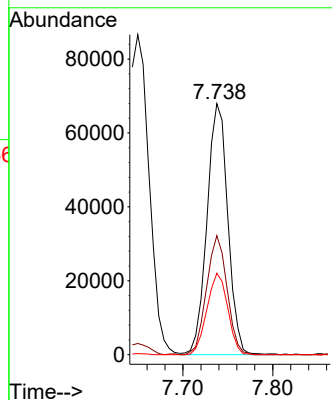
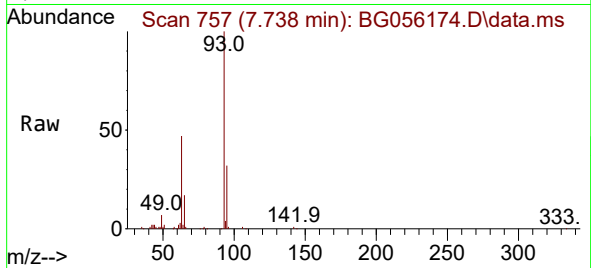




#11
bis(2-Chloroethyl)ether
Concen: 23.355 ng
RT: 7.738 min Scan# 757
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

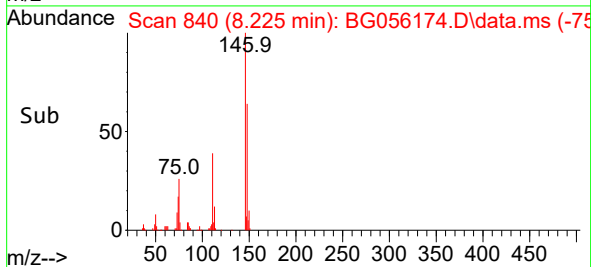
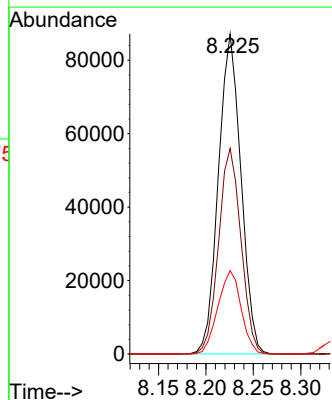
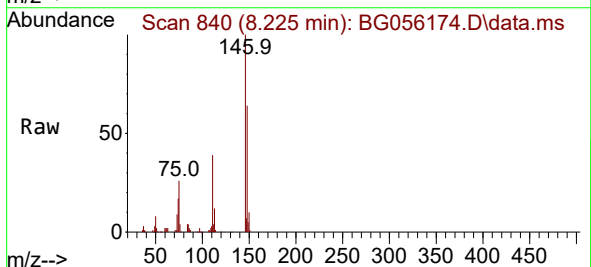
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

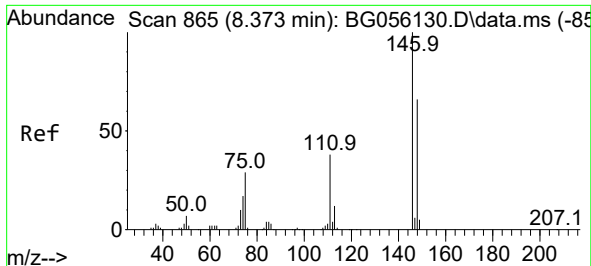
Tgt Ion: 93 Resp: 109486
Ion Ratio Lower Upper
93 100
63 47.4 30.5 70.5
95 32.4 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 26.828 ng
RT: 8.225 min Scan# 840
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion: 146 Resp: 144315
Ion Ratio Lower Upper
146 100
148 64.2 53.5 80.3
75 26.0 24.8 37.2

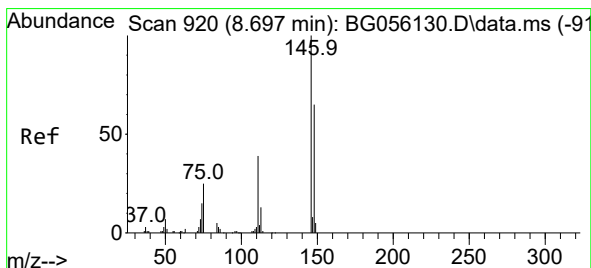
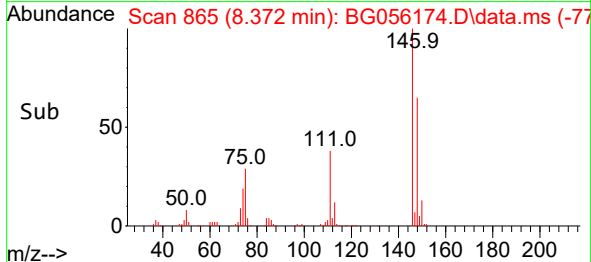
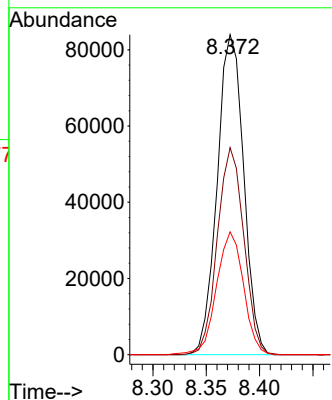
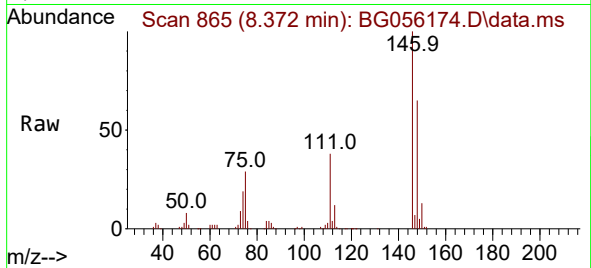




#13
1,4-Dichlorobenzene
Concen: 26.866 ng
RT: 8.372 min Scan# 865
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

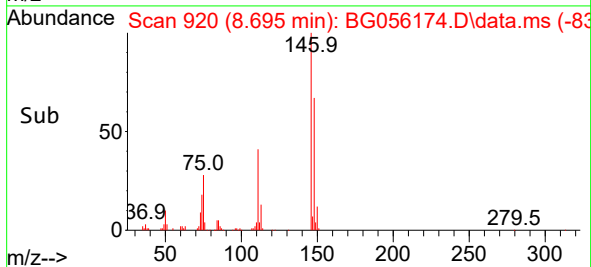
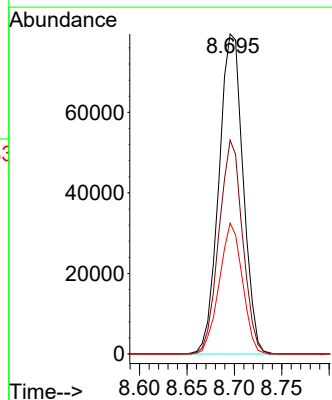
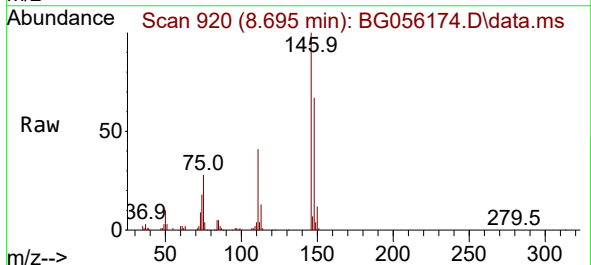
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

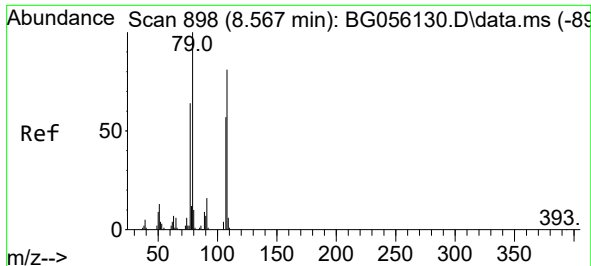
Tgt Ion:146 Resp: 145123
Ion Ratio Lower Upper
146 100
148 64.7 52.8 79.2
111 38.4 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 27.120 ng
RT: 8.695 min Scan# 920
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:146 Resp: 141353
Ion Ratio Lower Upper
146 100
148 66.8 51.7 77.5
111 40.9 31.5 47.3

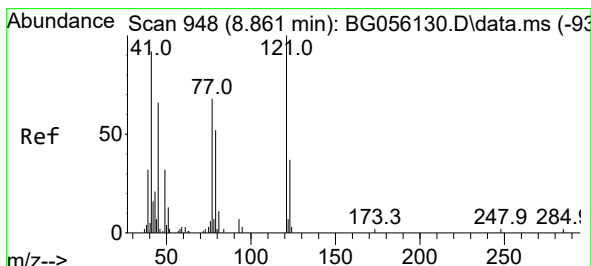
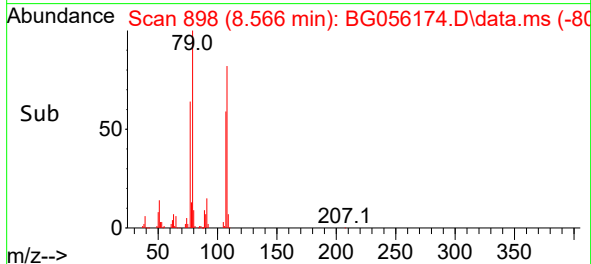
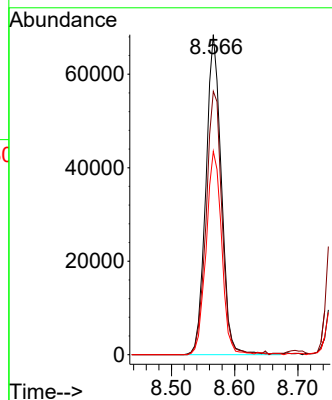
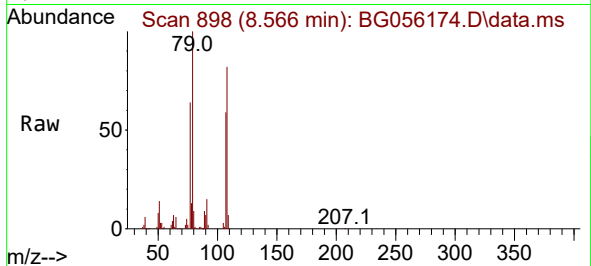




#15
Benzyl Alcohol
Concen: 23.438 ng
RT: 8.566 min Scan# 898
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

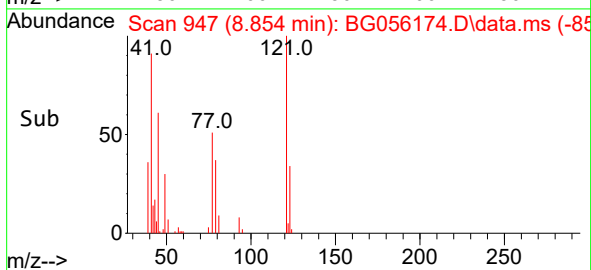
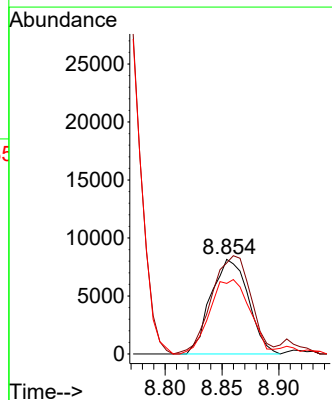
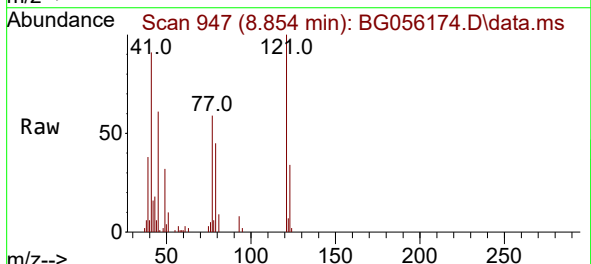
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

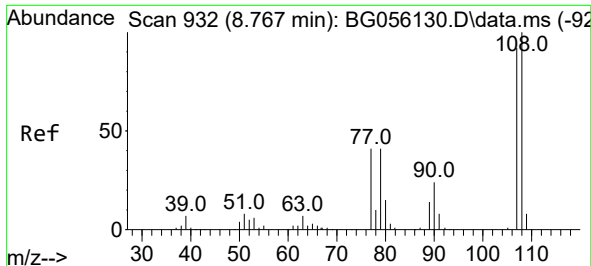
Tgt Ion: 79 Resp: 116356
Ion Ratio Lower Upper
79 100
108 82.3 64.7 97.1
77 63.5 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.610 ng
RT: 8.854 min Scan# 947
Delta R.T. -0.007 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion: 45 Resp: 18730
Ion Ratio Lower Upper
45 100
77 96.3 88.2 128.2
79 74.5 61.2 101.2

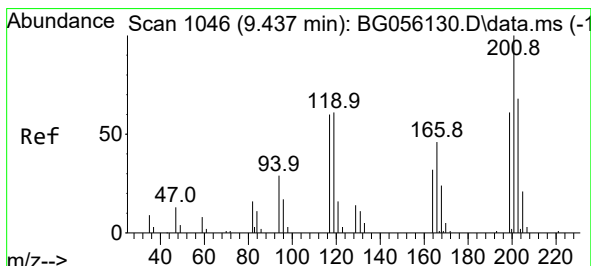
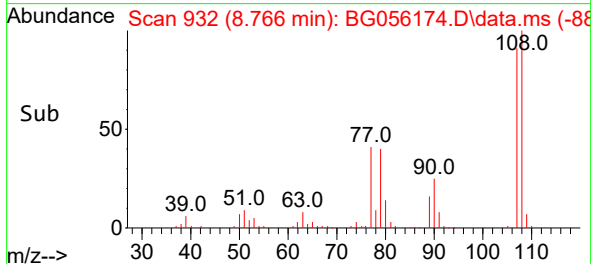
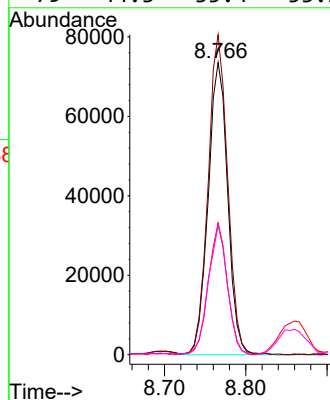
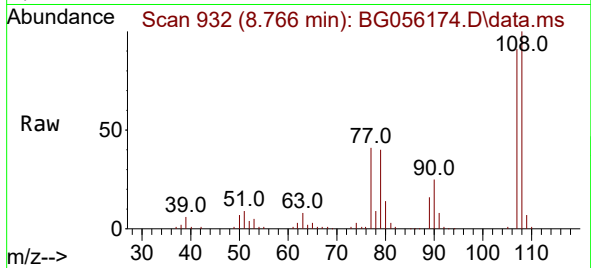




#17
2-Methylphenol
Concen: 24.236 ng
RT: 8.766 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

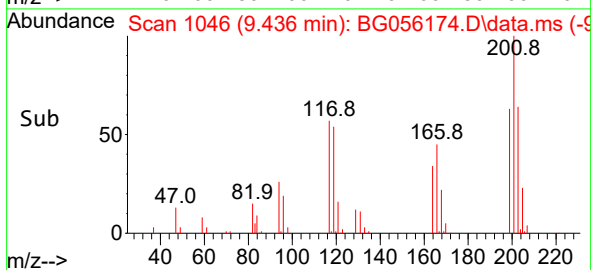
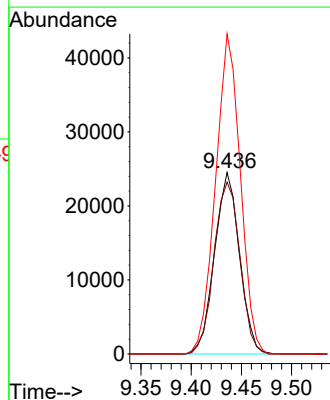
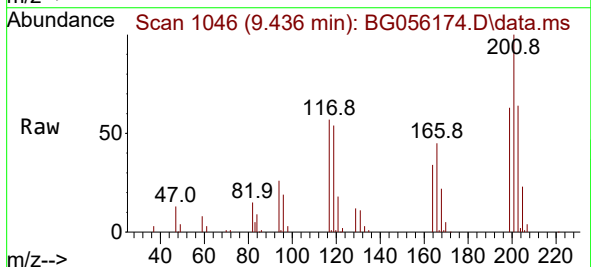
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

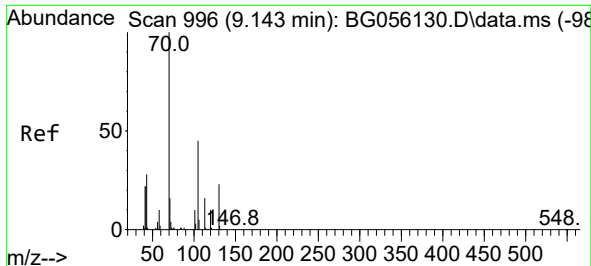
Tgt Ion:	107	Resp:	123021
Ion	Ratio	Lower	Upper
107	100		
108	109.6	86.6	129.8
77	45.1	35.4	53.2
79	44.3	35.4	53.2



#18
Hexachloroethane
Concen: 25.768 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:	117	Resp:	42285
Ion	Ratio	Lower	Upper
117	100		
119	93.6	81.8	122.6
201	174.4	134.2	201.2

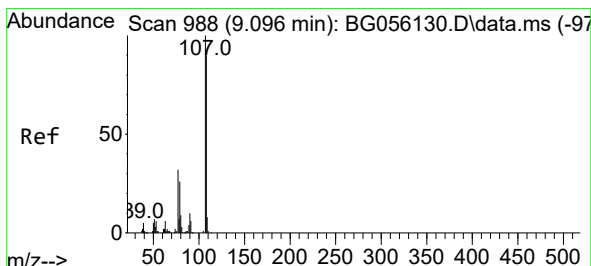
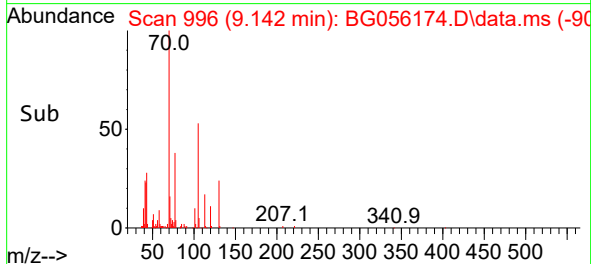
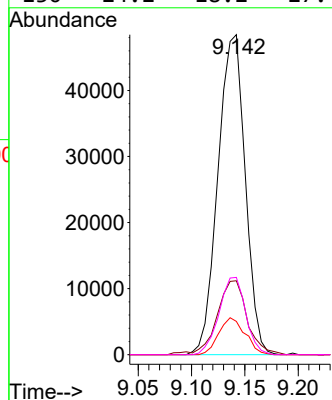
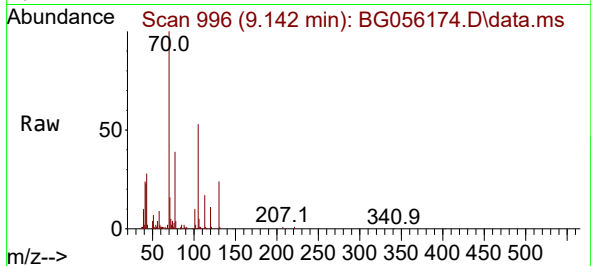




#19
n-Nitroso-di-n-propylamine
Concen: 20.791 ng
RT: 9.142 min Scan# 996
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

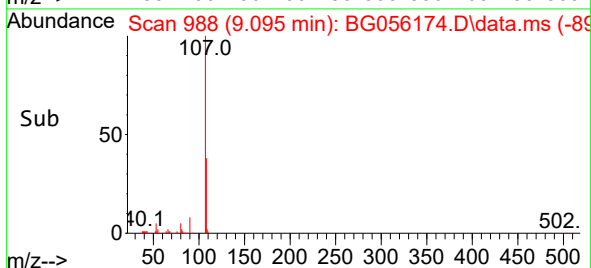
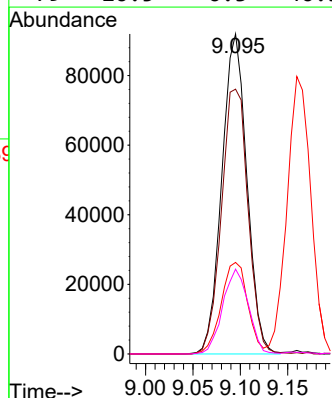
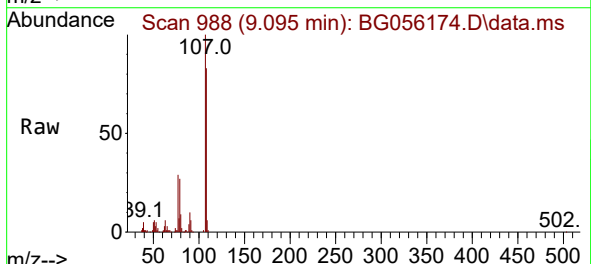
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

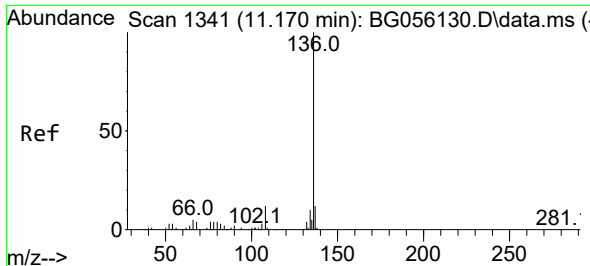
Tgt Ion:	70	Resp:	86237
Ion	Ratio	Lower	Upper
70	100		
42	23.1	18.2	27.2
101	10.4	8.3	12.5
130	24.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 23.656 ng
RT: 9.095 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:	107	Resp:	168815
Ion	Ratio	Lower	Upper
107	100		
108	82.8	69.6	109.6
77	28.6	11.7	51.7
79	26.5	6.3	46.3

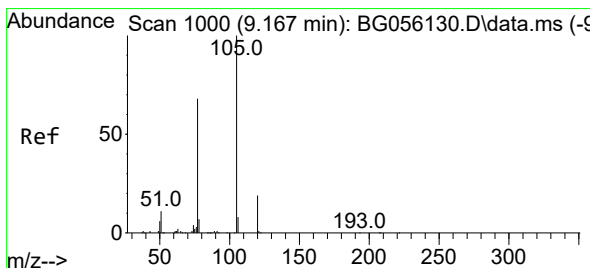
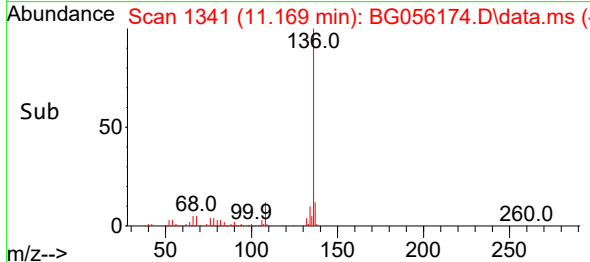
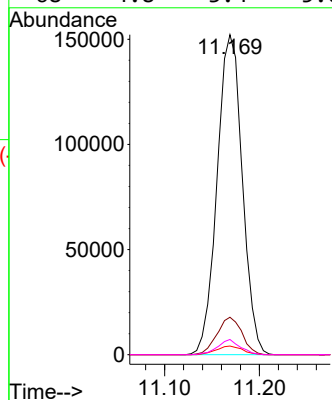
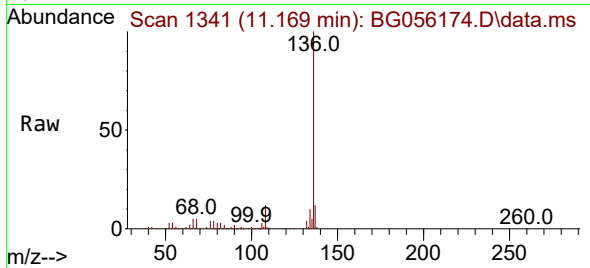




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

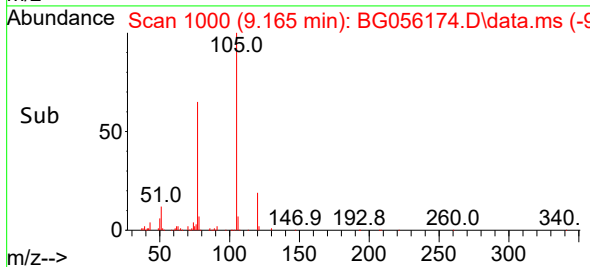
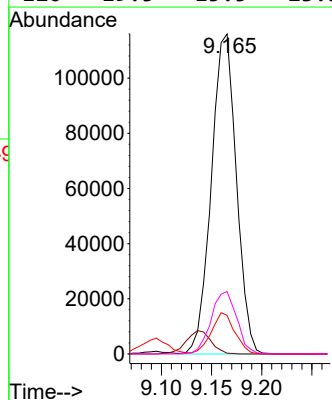
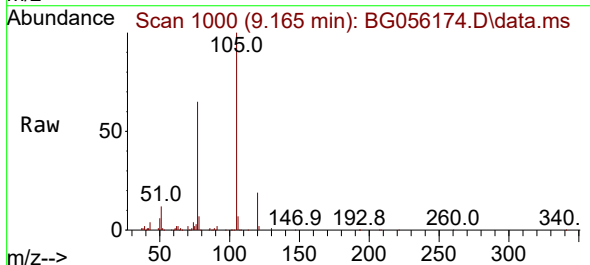
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

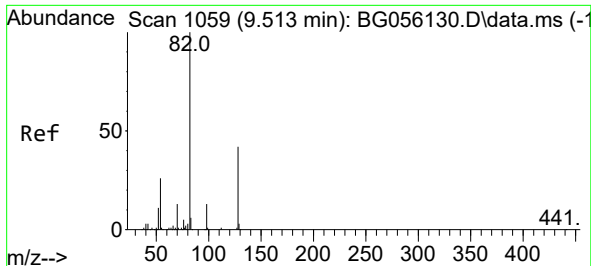
Tgt Ion:136 Resp: 280872
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.7 2.2 3.2
68 4.8 3.4 5.0



#22
Acetophenone
Concen: 25.340 ng
RT: 9.165 min Scan# 1000
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:105 Resp: 201246
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 12.0 9.3 13.9
120 19.5 15.5 23.3





#23

Nitrobenzene-d5

Concen: 48.876 ng

RT: 9.512 min Scan# 1059

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

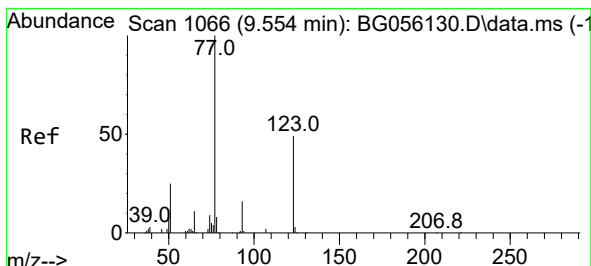
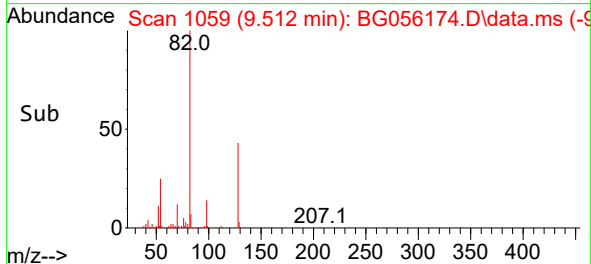
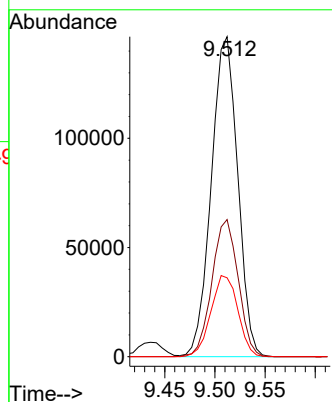
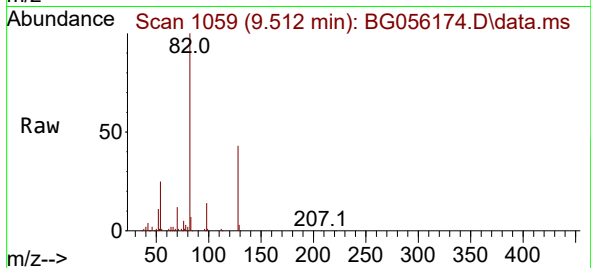
BNA_G

ClientSampleId :

MM-4MSD

Tgt Ion: 82 Resp: 268376

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.2
54	24.7	20.3	30.5



#24

Nitrobenzene

Concen: 24.204 ng

RT: 9.553 min Scan# 1066

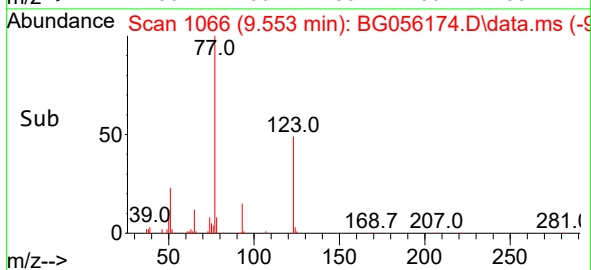
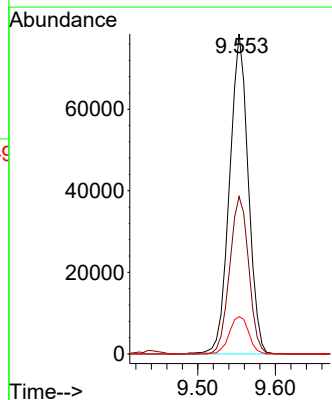
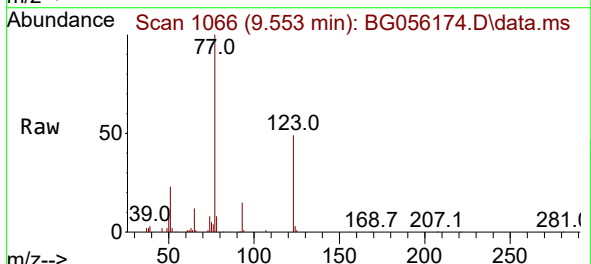
Delta R.T. -0.001 min

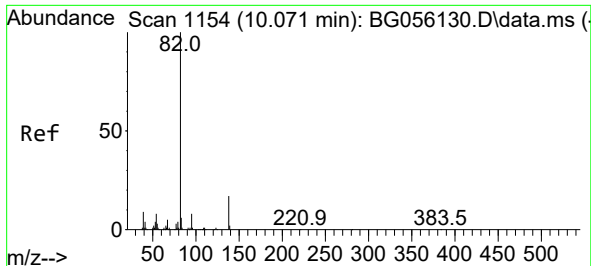
Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Tgt Ion: 77 Resp: 131706

Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.8	58.2
65	11.6	9.1	13.7

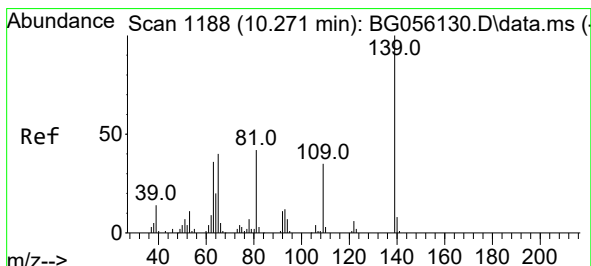
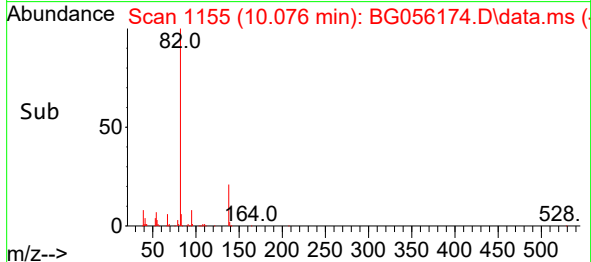
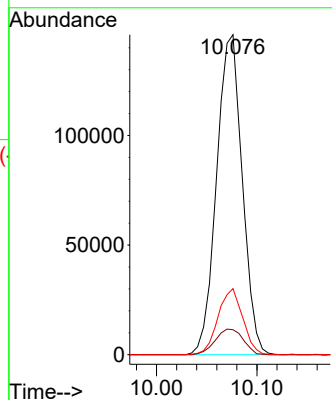
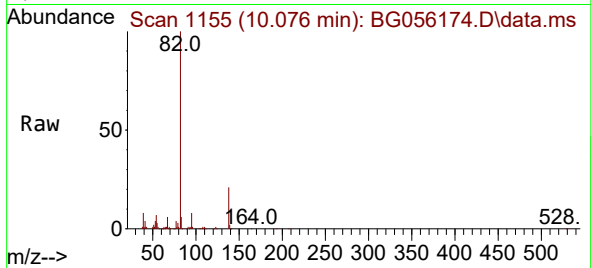




#25
Isophorone
Concen: 22.416 ng
RT: 10.076 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

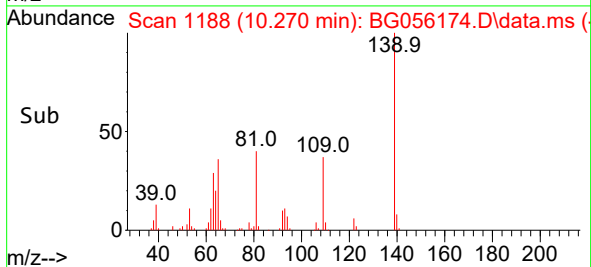
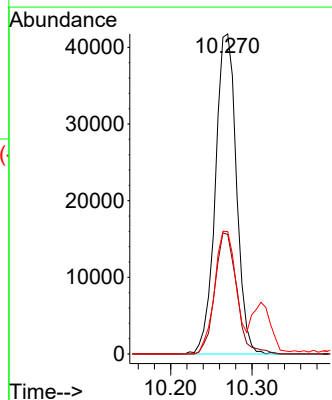
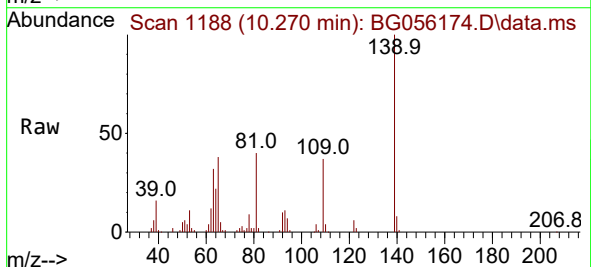
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

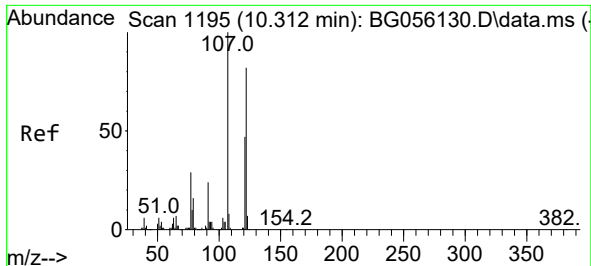
Tgt Ion: 82 Resp: 258970
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 20.7 13.7 20.5#



#26
2-Nitrophenol
Concen: 26.985 ng
RT: 10.270 min Scan# 1188
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion: 139 Resp: 75132
Ion Ratio Lower Upper
139 100
109 37.3 28.4 42.6
65 38.3 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 27.527 ng

RT: 10.311 min Scan# 1195

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

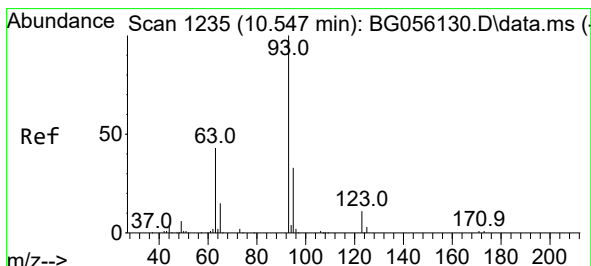
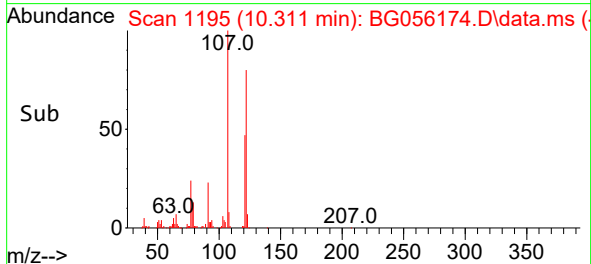
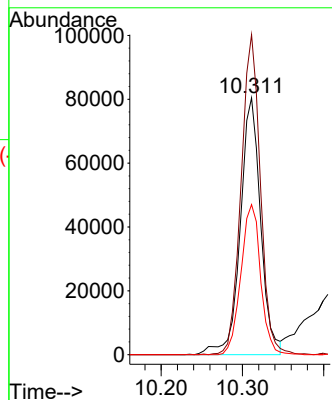
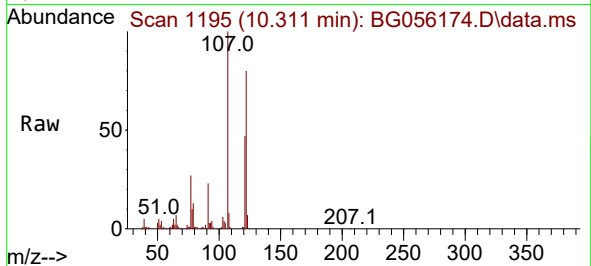
Tgt Ion:122 Resp: 139784

Ion Ratio Lower Upper

122 100

107 124.6 97.5 146.3

121 58.5 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 24.429 ng

RT: 10.552 min Scan# 1236

Delta R.T. 0.005 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

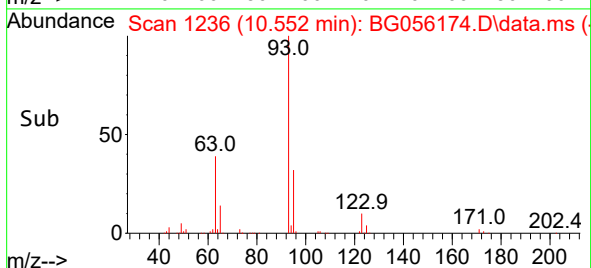
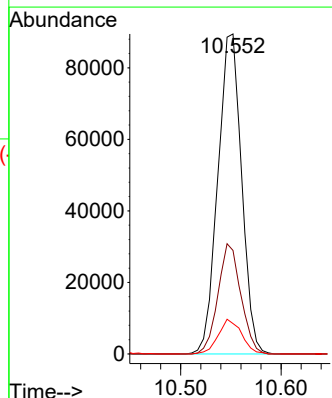
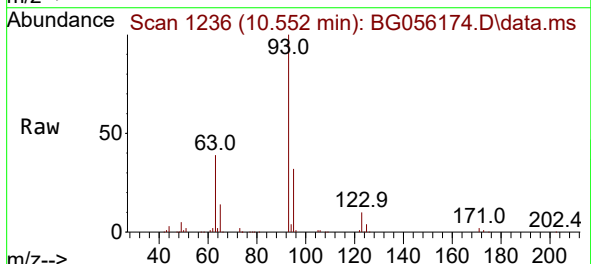
Tgt Ion: 93 Resp: 146689

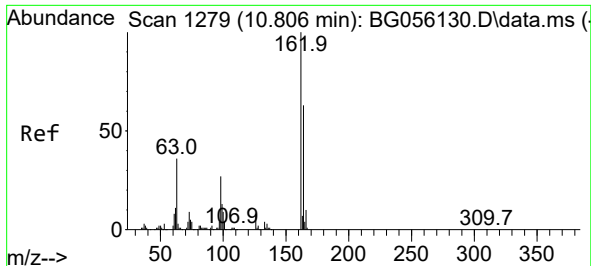
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 9.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 28.448 ng

RT: 10.805 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

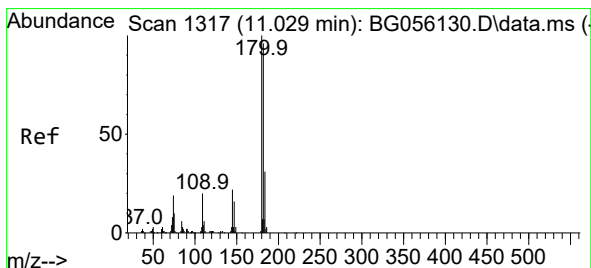
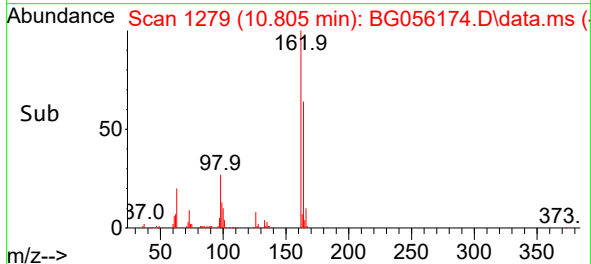
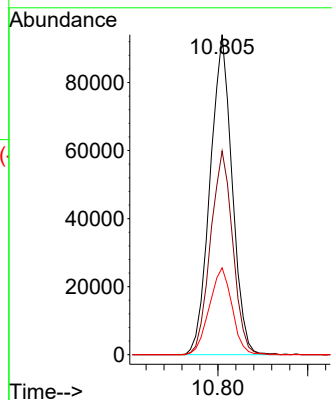
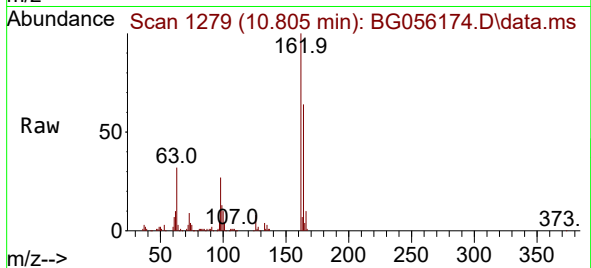
Tgt Ion:162 Resp: 159713

Ion Ratio Lower Upper

162 100

164 63.7 43.3 83.3

98 27.2 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 26.960 ng

RT: 11.028 min Scan# 1317

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

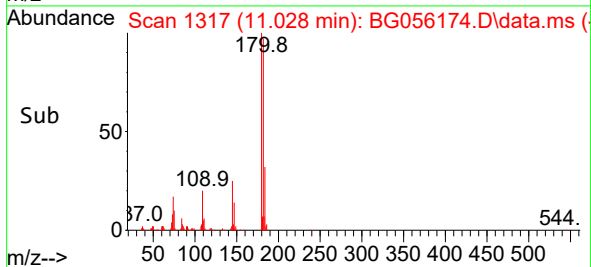
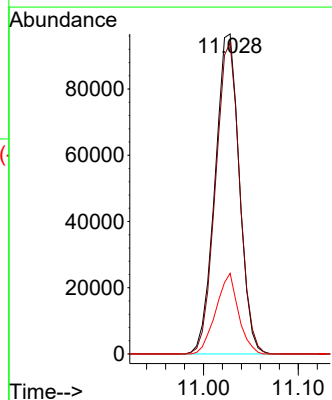
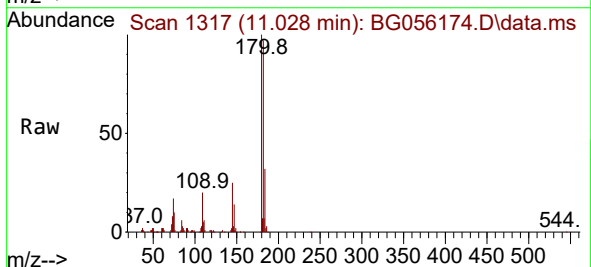
Tgt Ion:180 Resp: 171760

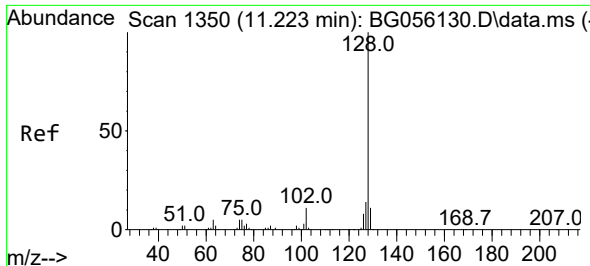
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 25.2 17.4 26.2

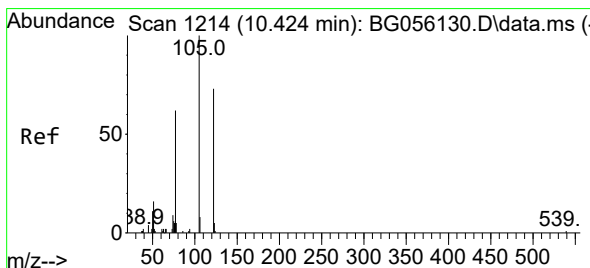
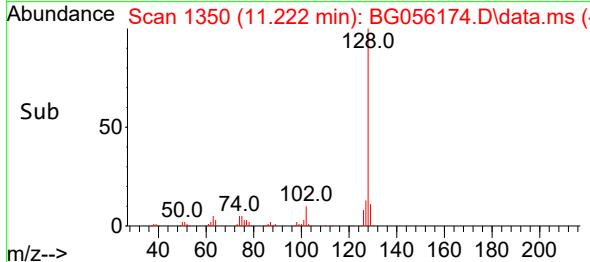
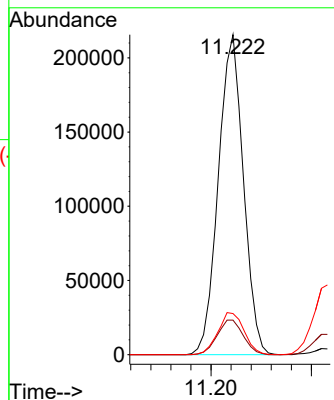
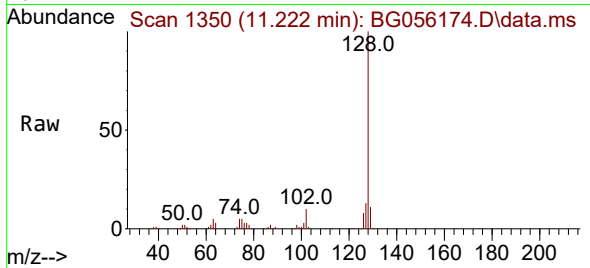




#31
Naphthalene
Concen: 25.237 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

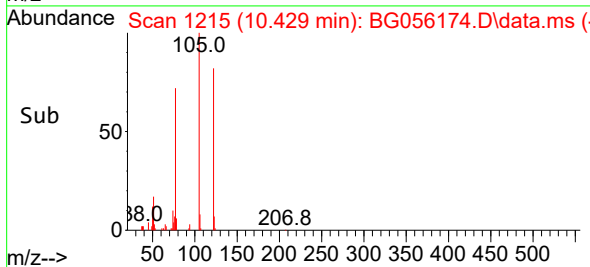
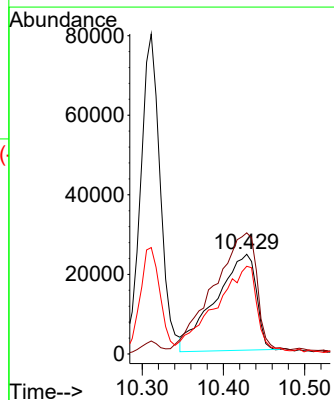
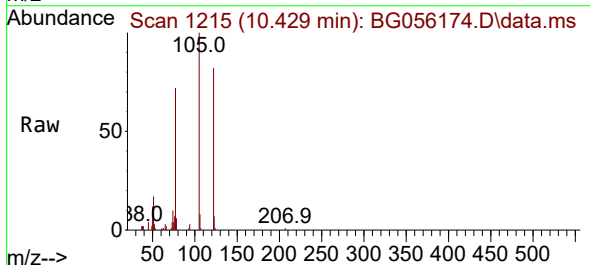
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

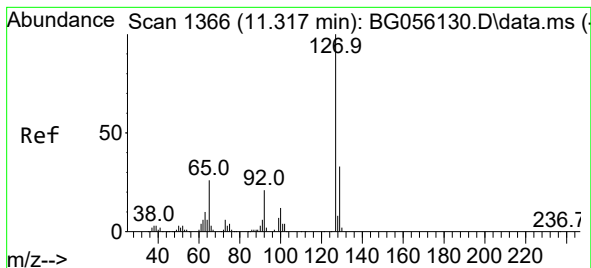
Tgt Ion:128 Resp: 373053
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 11.2 16.8



#32
Benzoic acid
Concen: 22.384 ng
RT: 10.429 min Scan# 1215
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:122 Resp: 84339
Ion Ratio Lower Upper
122 100
105 121.3 109.0 149.0
77 87.9 63.1 103.1

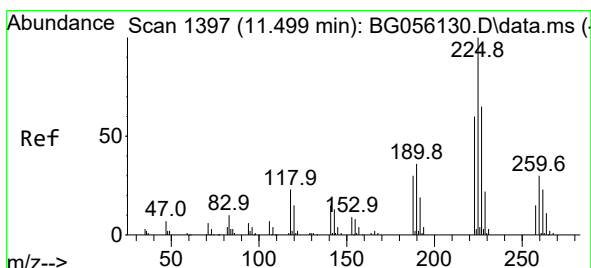
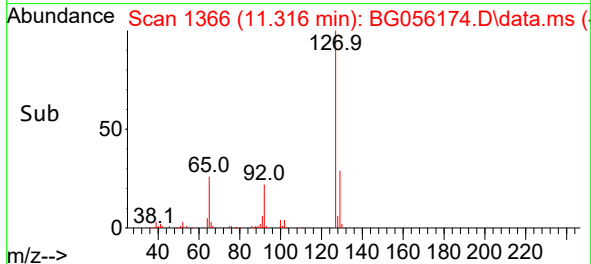
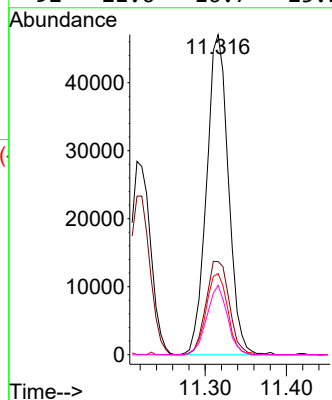
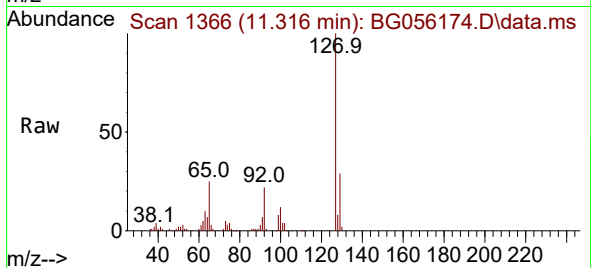




#33
4-Chloroaniline
Concen: 12.427 ng
RT: 11.316 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

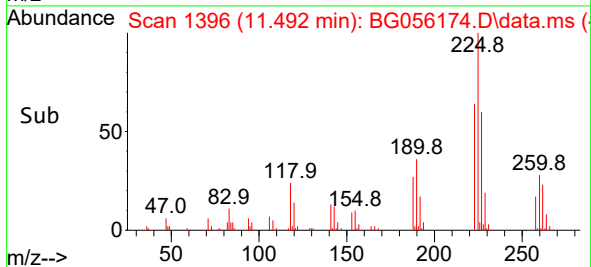
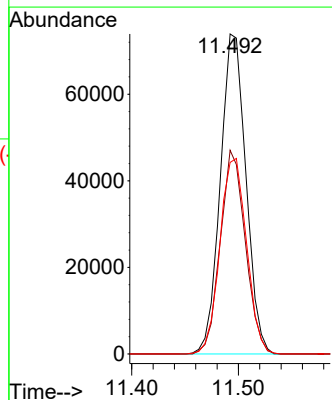
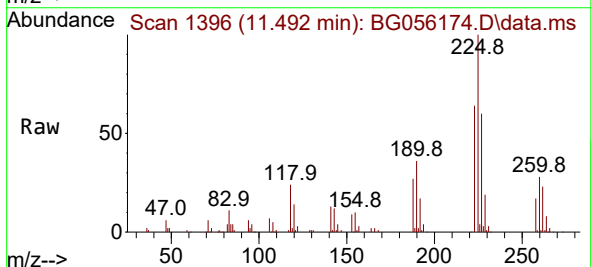
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

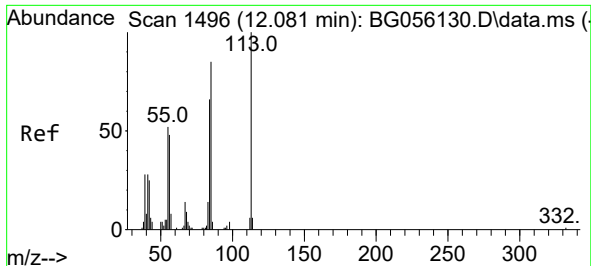
Tgt Ion:127	Resp:	87703
Ion	Ratio	Lower Upper
127	100	
129	29.1	26.1 39.1
65	25.3	20.9 31.3
92	21.6	16.7 25.1



#34
Hexachlorobutadiene
Concen: 26.916 ng
RT: 11.492 min Scan# 1396
Delta R.T. -0.007 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:225	Resp:	123334
Ion	Ratio	Lower Upper
225	100	
223	63.6	47.7 71.5
227	59.8	52.3 78.5

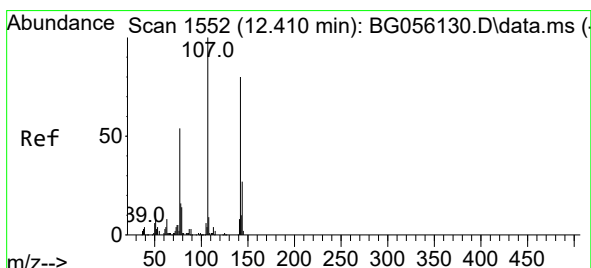
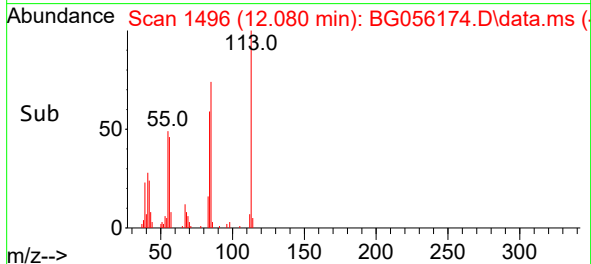
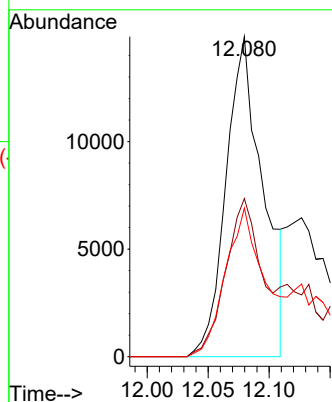
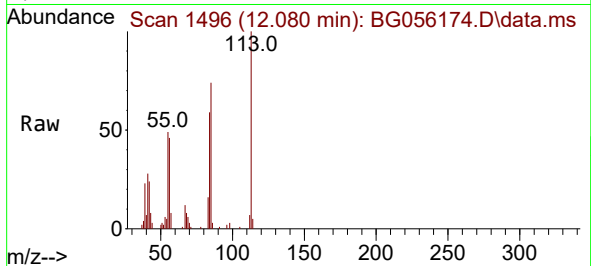




#35
 Caprolactam
 Concen: 16.562 ng
 RT: 12.080 min Scan# 1496
 Delta R.T. -0.001 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

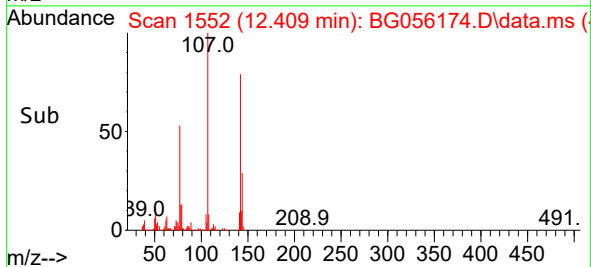
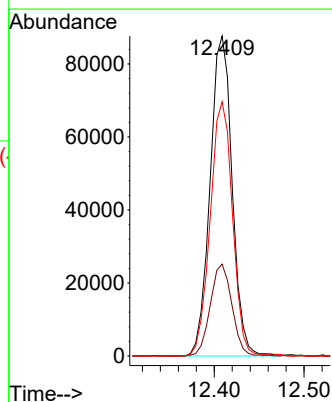
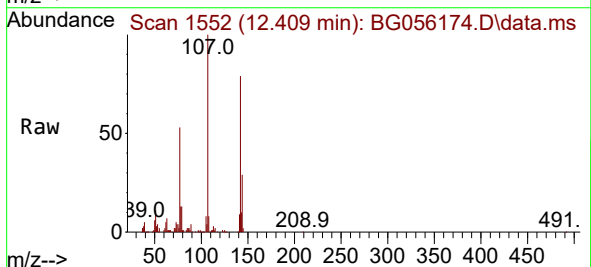
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

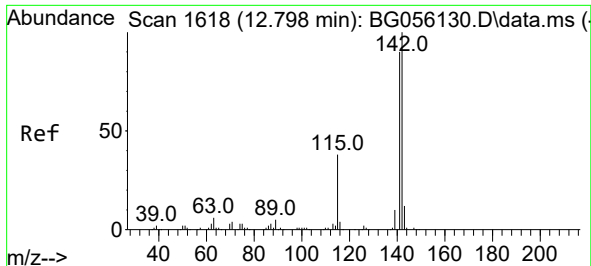
Tgt Ion:113 Resp: 31481
 Ion Ratio Lower Upper
 113 100
 55 49.4 31.9 71.9
 56 46.5 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 26.229 ng
 RT: 12.409 min Scan# 1552
 Delta R.T. -0.001 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

Tgt Ion:107 Resp: 149420
 Ion Ratio Lower Upper
 107 100
 144 28.7 21.5 32.3
 142 79.5 63.8 95.6





#37

2-Methylnaphthalene

Concen: 23.960 ng

RT: 12.797 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

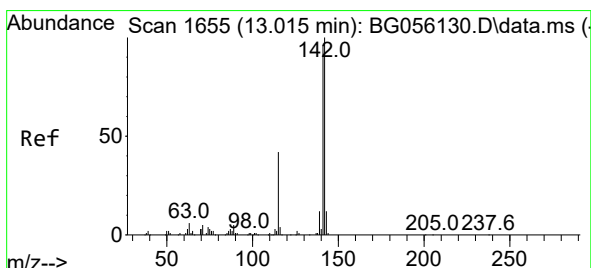
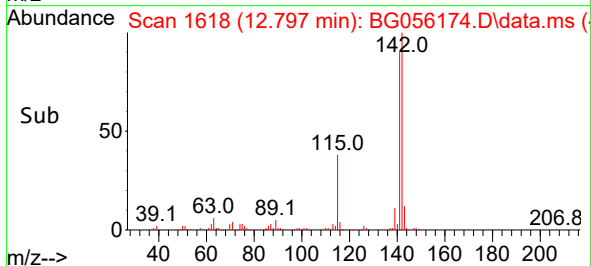
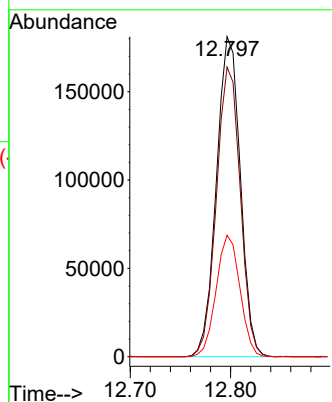
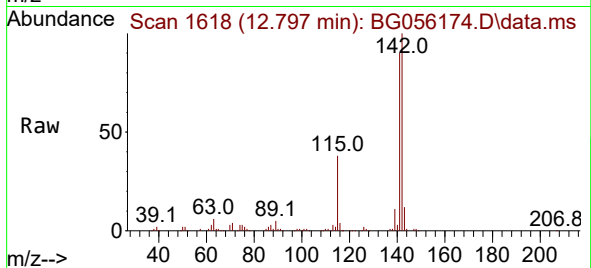
Tgt Ion:142 Resp: 299054

Ion Ratio Lower Upper

142 100

141 90.5 72.2 108.4

115 37.9 30.7 46.1



#38

1-Methylnaphthalene

Concen: 24.105 ng

RT: 13.014 min Scan# 1655

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

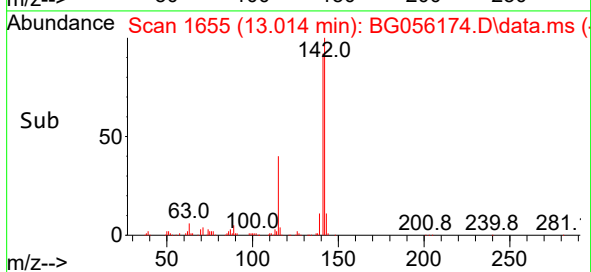
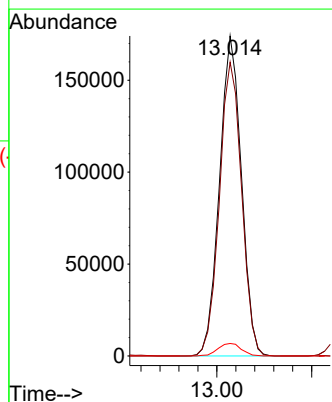
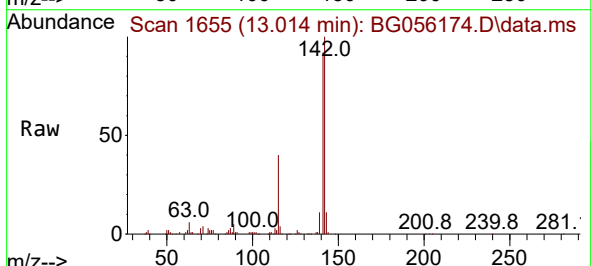
Tgt Ion:142 Resp: 279383

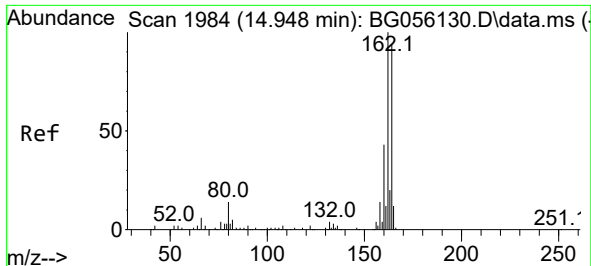
Ion Ratio Lower Upper

142 100

141 91.8 77.0 115.6

116 3.9 3.6 5.4

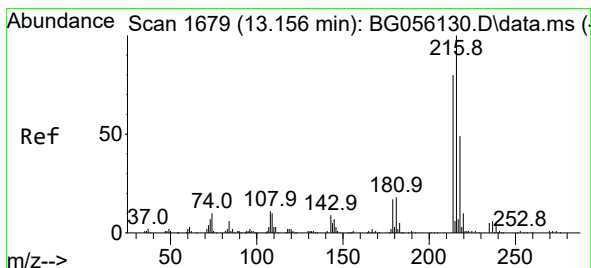
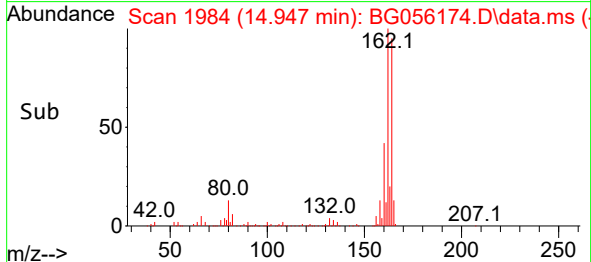
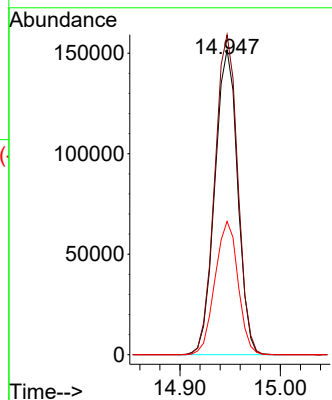
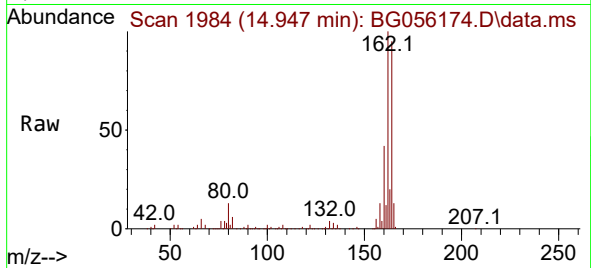




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

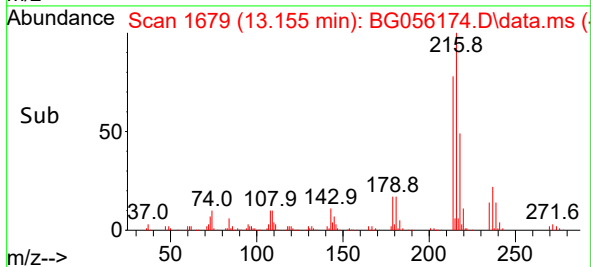
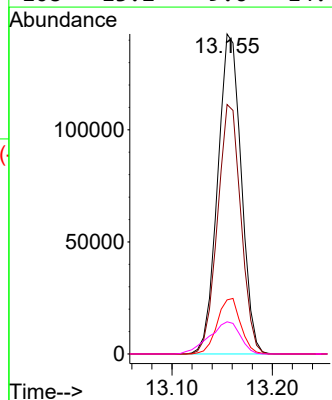
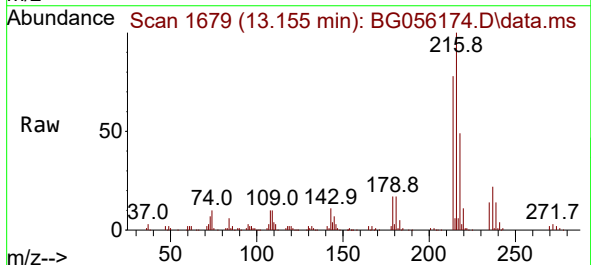
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

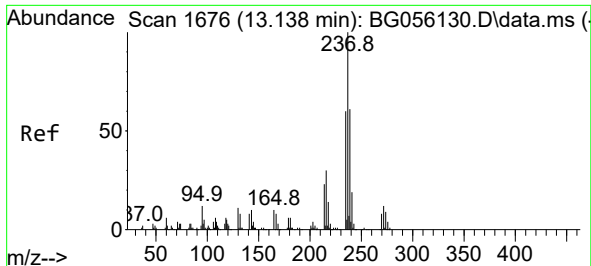
Tgt Ion:164 Resp: 239346
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 43.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 25.911 ng
RT: 13.155 min Scan# 1679
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:216 Resp: 232436
Ion Ratio Lower Upper
216 100
214 77.3 63.4 95.0
179 17.2 13.6 20.4
108 13.2 9.6 14.4

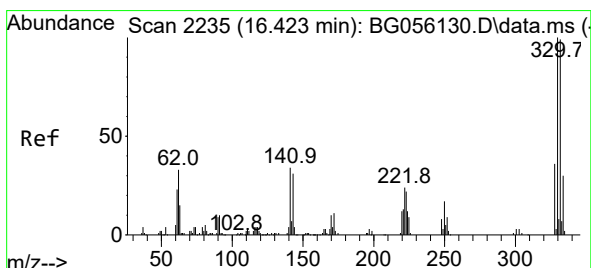
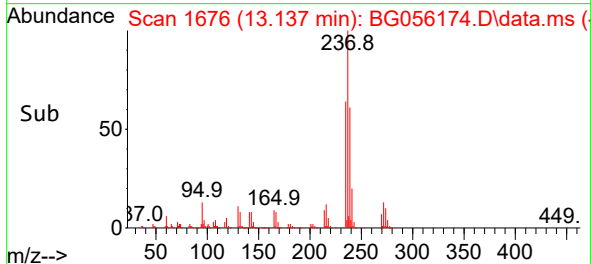
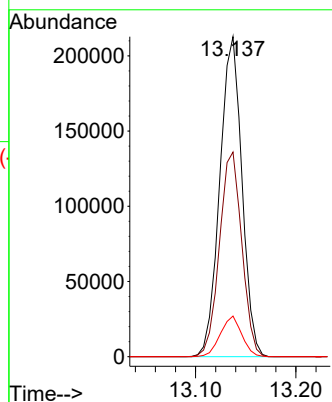
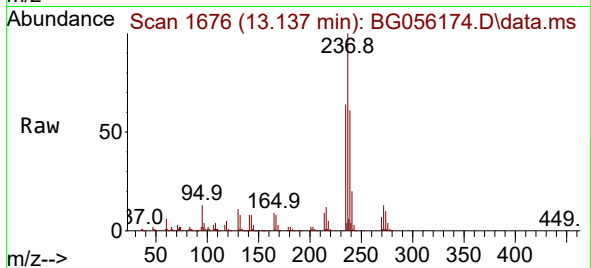




#41
Hexachlorocyclopentadiene
Concen: 63.609 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

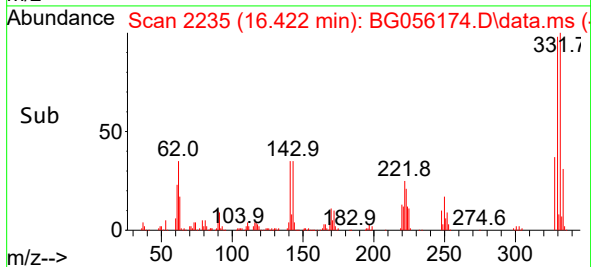
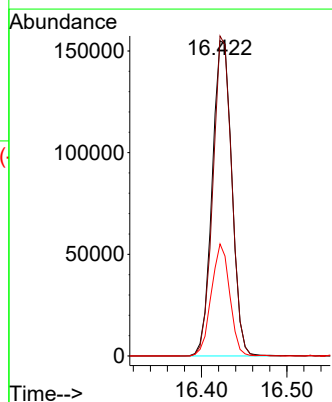
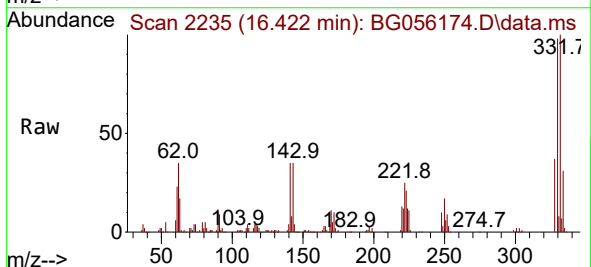
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

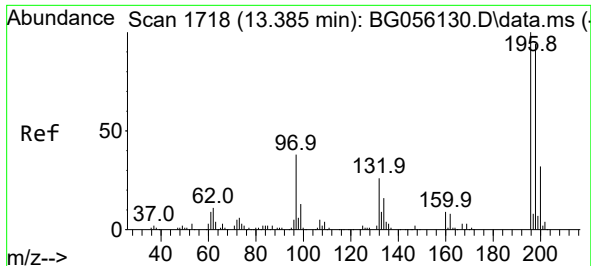
Tgt Ion:237 Resp: 325319
Ion Ratio Lower Upper
237 100
235 64.0 40.3 80.3
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 81.694 ng
RT: 16.422 min Scan# 2235
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:330 Resp: 247637
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.3 27.9 41.9

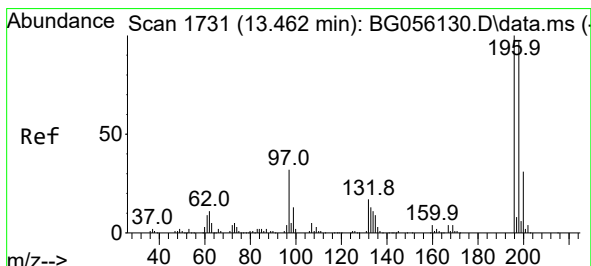
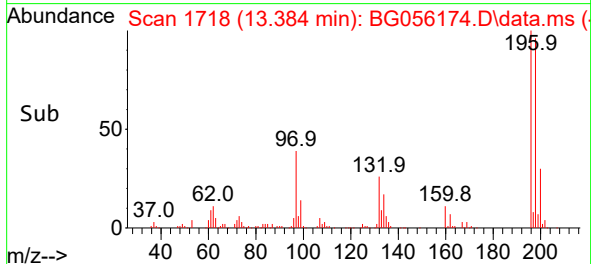
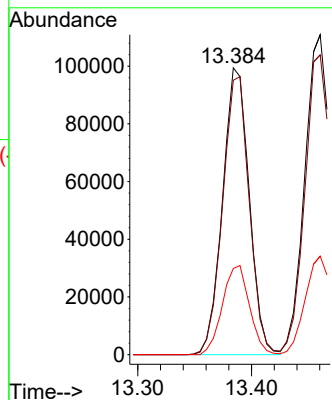
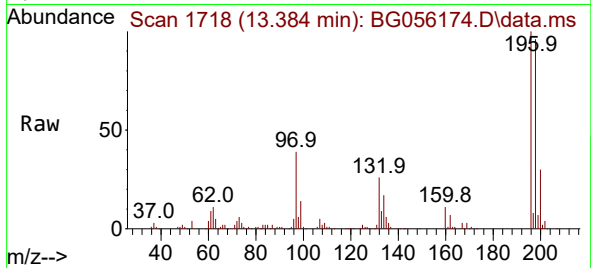




#43
2,4,6-Trichlorophenol
Concen: 27.310 ng
RT: 13.384 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

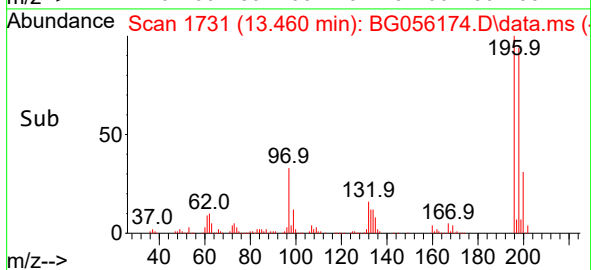
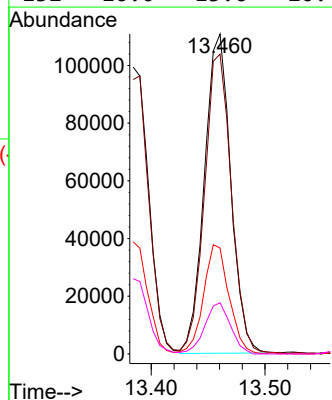
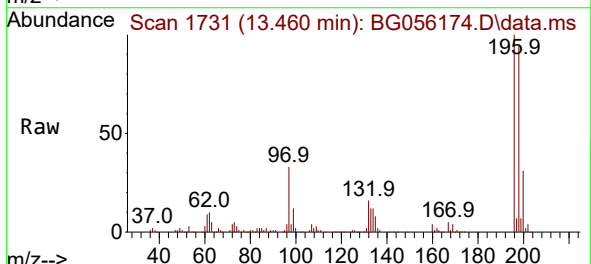
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

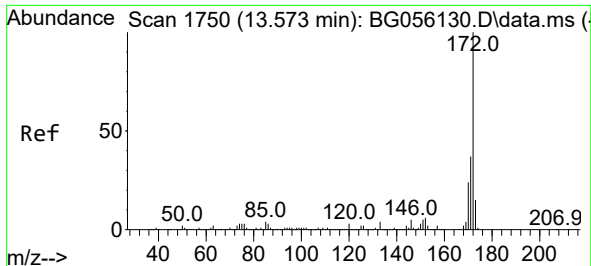
Tgt Ion:196 Resp: 161996
Ion Ratio Lower Upper
196 100
198 95.7 75.5 113.3
200 30.1 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 25.397 ng
RT: 13.460 min Scan# 1731
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:196 Resp: 178209
Ion Ratio Lower Upper
196 100
198 93.7 78.0 117.0
97 33.1 25.7 38.5
132 16.0 13.6 20.4

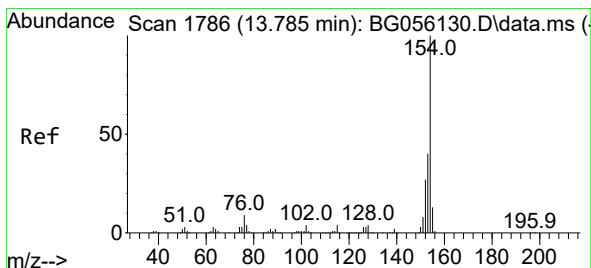
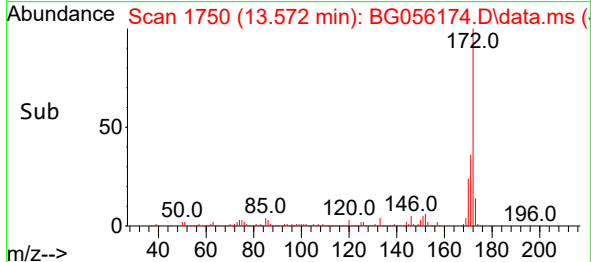
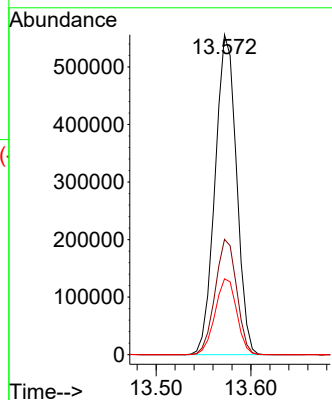
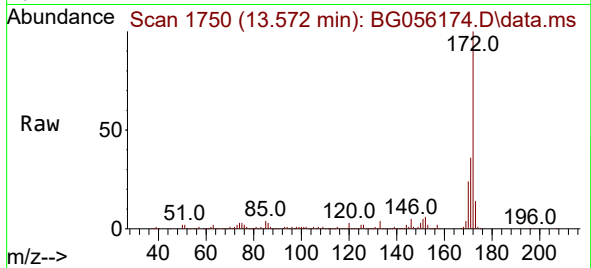




#45
2-Fluorobiphenyl
Concen: 50.370 ng
RT: 13.572 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

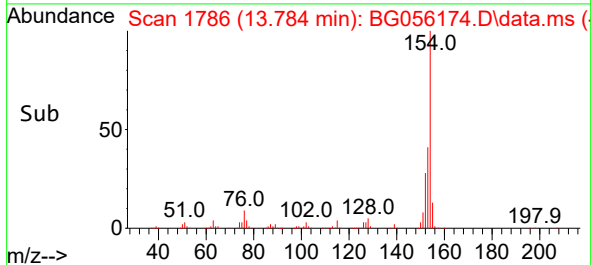
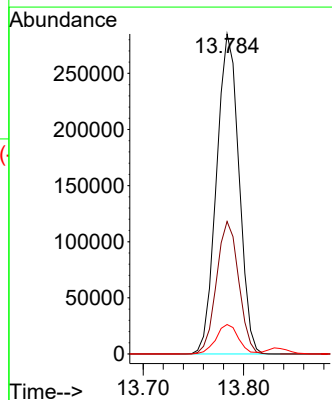
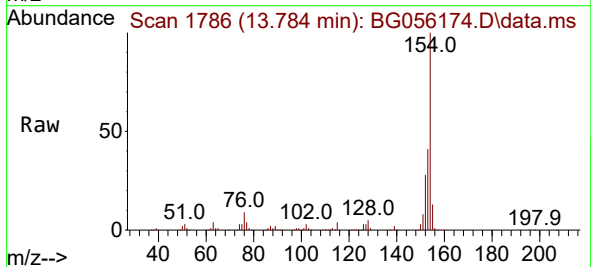
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

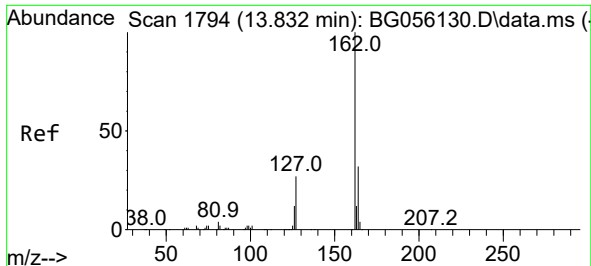
Tgt Ion:172 Resp: 873051
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 25.826 ng
RT: 13.784 min Scan# 1786
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:154 Resp: 442692
Ion Ratio Lower Upper
154 100
153 41.4 20.0 60.0
76 9.2 0.0 29.3

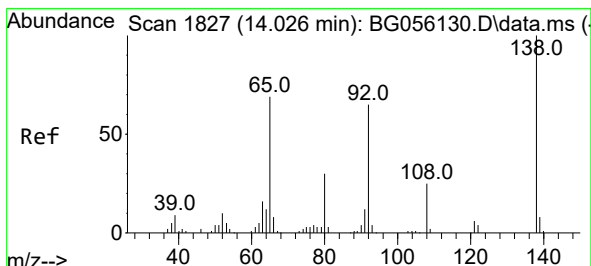
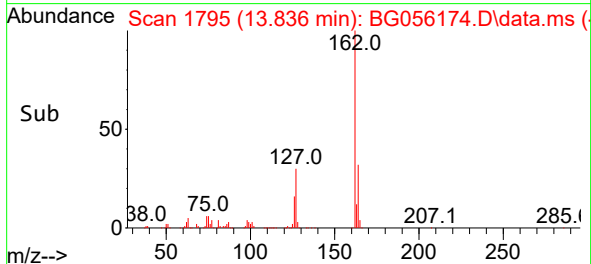
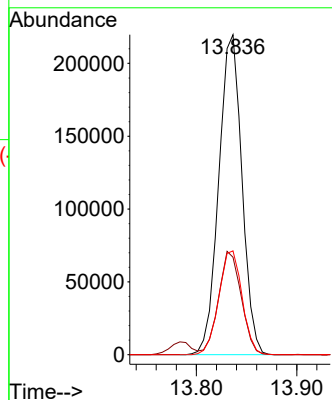
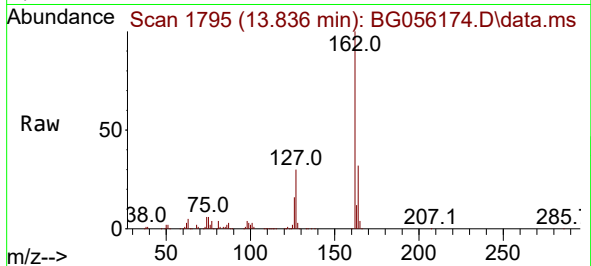




#47
2-Chloronaphthalene
Concen: 25.956 ng
RT: 13.836 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

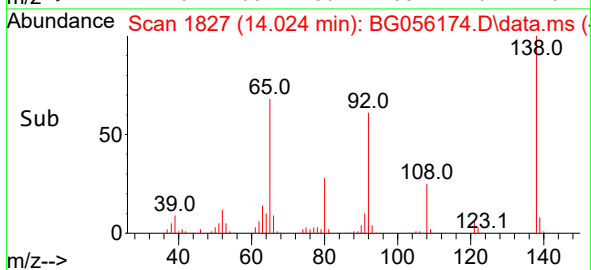
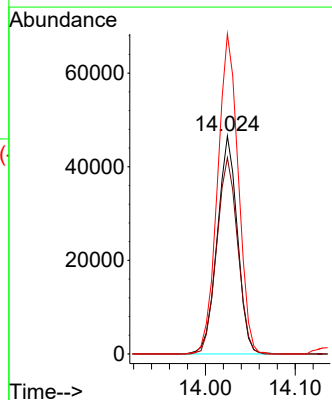
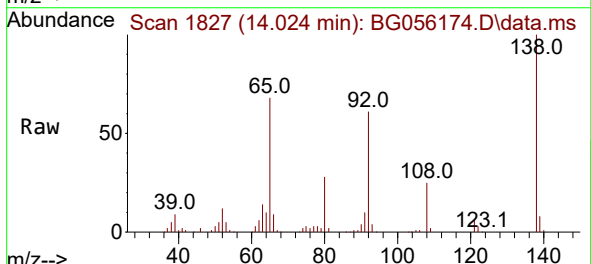
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

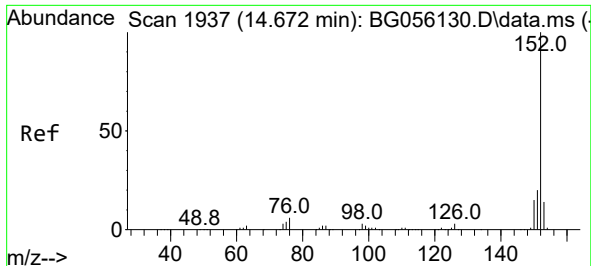
Tgt Ion:162 Resp: 351175
Ion Ratio Lower Upper
162 100
127 30.4 24.6 36.8
164 32.4 25.8 38.8



#48
2-Nitroaniline
Concen: 25.209 ng
RT: 14.024 min Scan# 1827
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion: 65 Resp: 72671
Ion Ratio Lower Upper
65 100
92 90.0 76.0 114.0
138 146.7 116.6 174.8

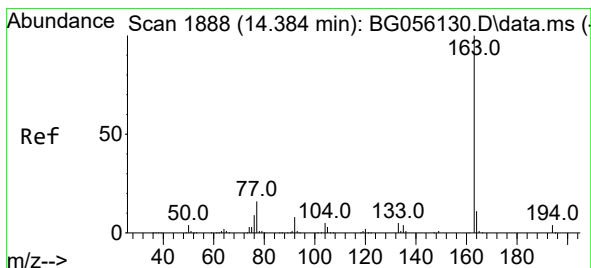
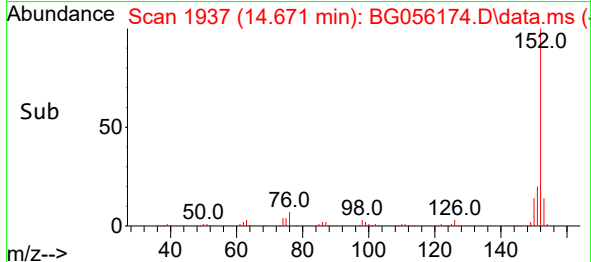
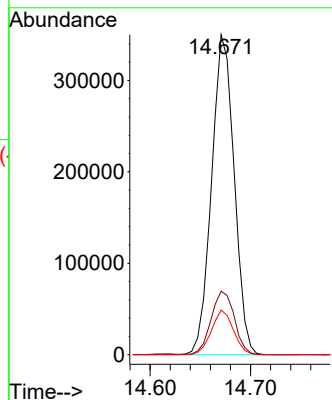
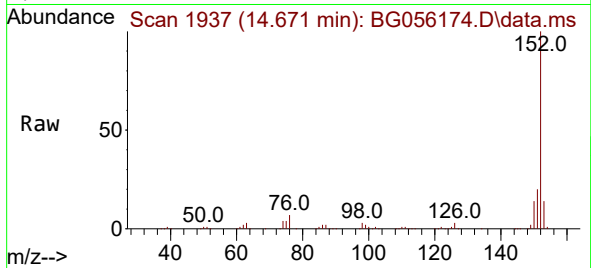




#49
Acenaphthylene
Concen: 24.839 ng
RT: 14.671 min Scan# 1937
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

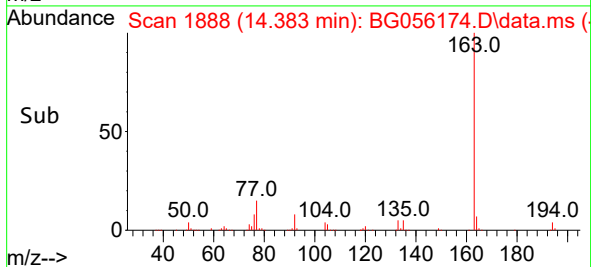
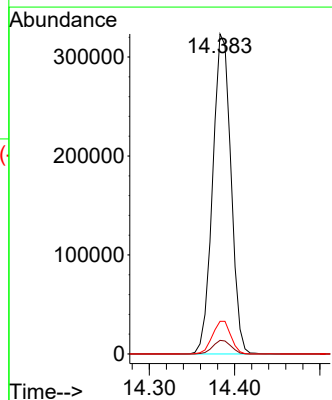
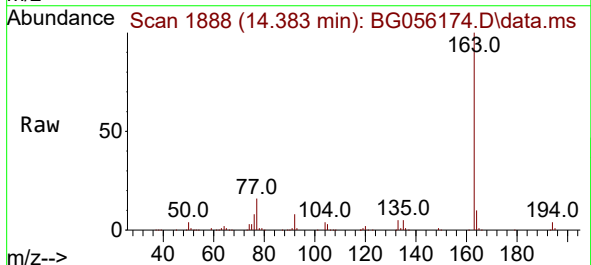
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

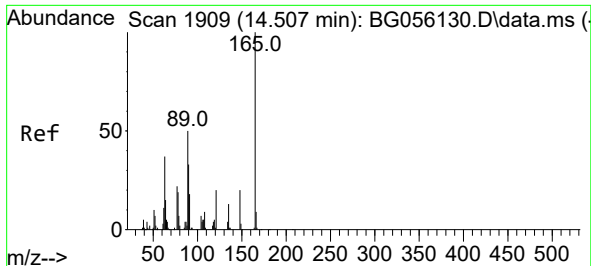
Tgt Ion:152 Resp: 546881
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.9 11.0 16.6



#50
Dimethylphthalate
Concen: 24.944 ng
RT: 14.383 min Scan# 1888
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:163 Resp: 481949
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.7 13.1

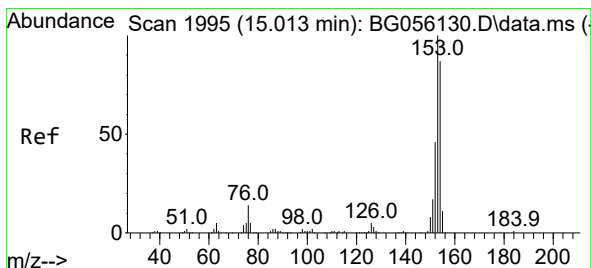
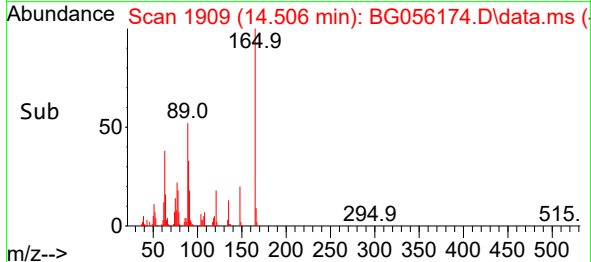
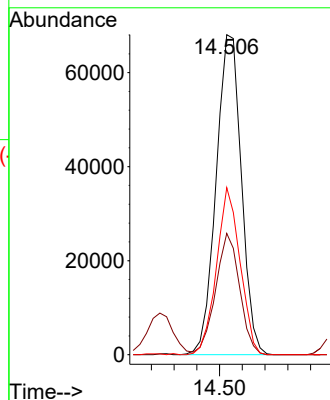
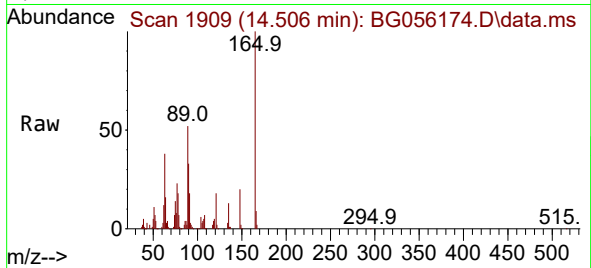




#51
2,6-Dinitrotoluene
Concen: 25.494 ng
RT: 14.506 min Scan# 1909
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

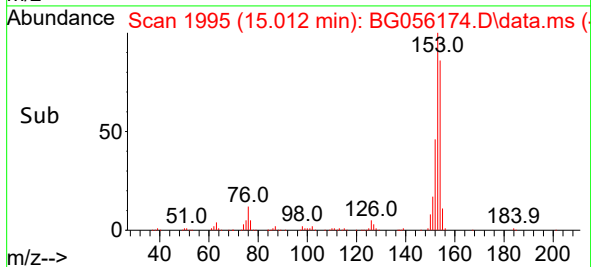
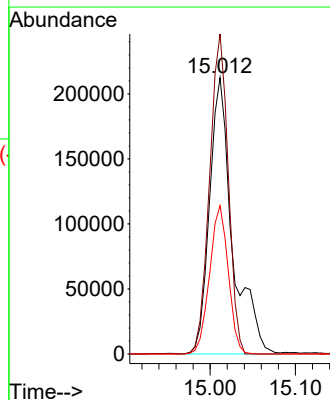
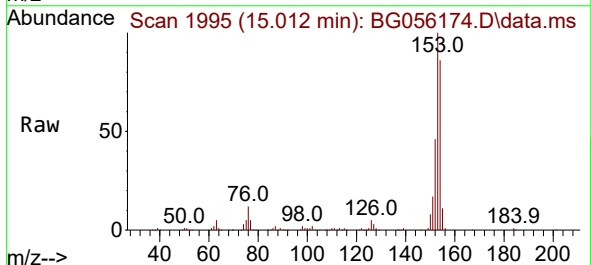
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

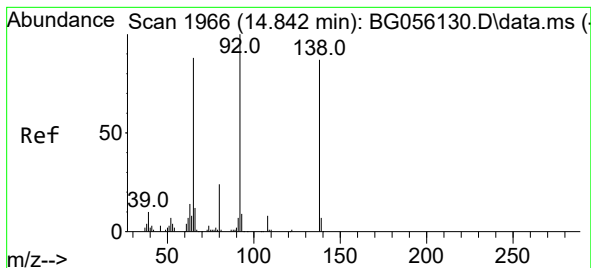
Tgt Ion:165 Resp: 104959
Ion Ratio Lower Upper
165 100
63 37.9 32.2 48.2
89 52.2 39.8 59.8



#52
Acenaphthene
Concen: 27.877 ng
RT: 15.012 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:154 Resp: 399194
Ion Ratio Lower Upper
154 100
153 115.8 92.0 138.0
152 53.7 42.5 63.7

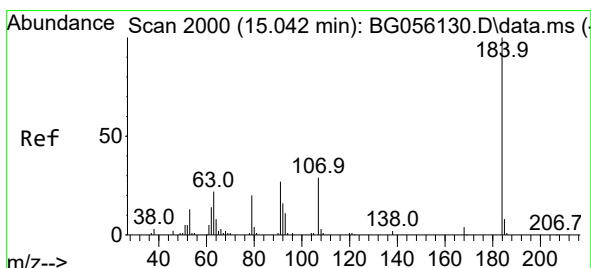
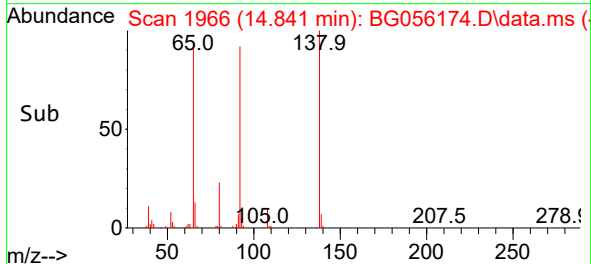
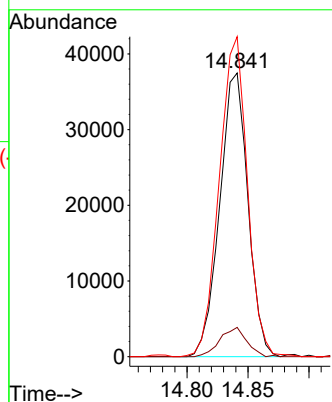
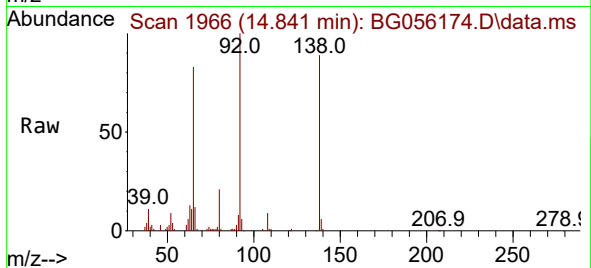




#53
3-Nitroaniline
Concen: 15.392 ng
RT: 14.841 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

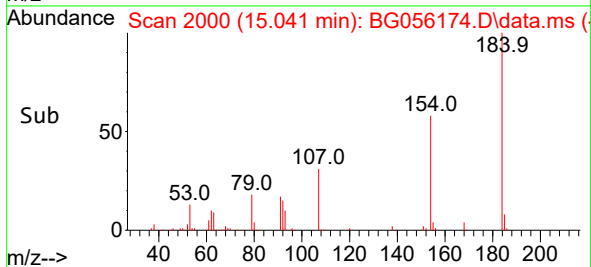
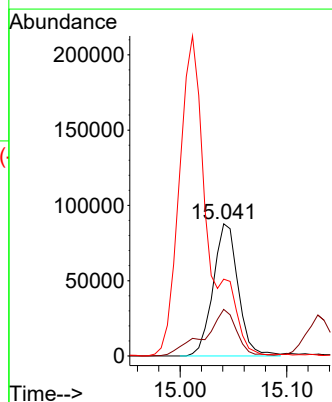
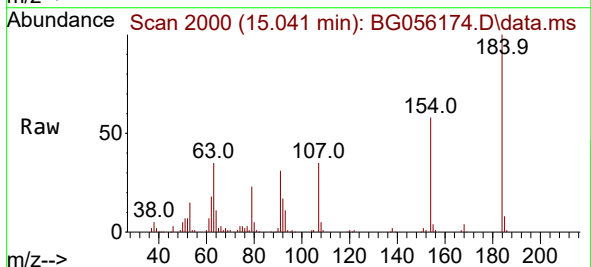
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

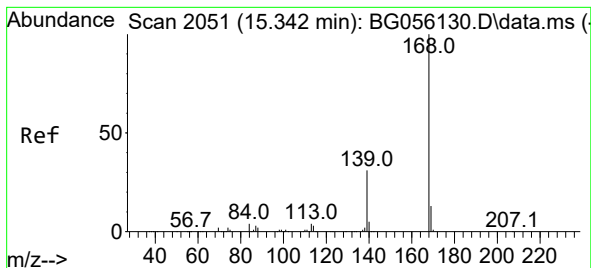
Tgt Ion:138 Resp: 60310
Ion Ratio Lower Upper
138 100
108 10.3 7.6 11.4
92 112.8 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 48.609 ng
RT: 15.041 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:184 Resp: 142968
Ion Ratio Lower Upper
184 100
63 35.2 24.0 36.0
154 58.1 45.4 68.0





#55

Dibenzenofuran

Concen: 24.913 ng

RT: 15.341 min Scan# 2051

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

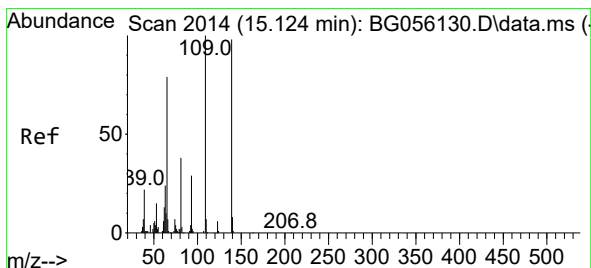
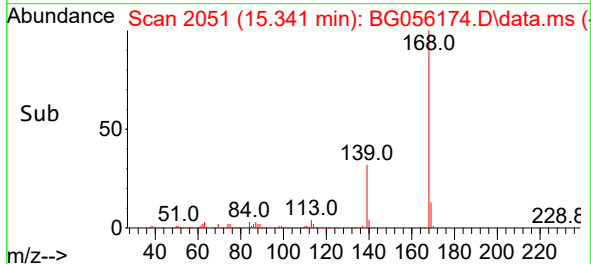
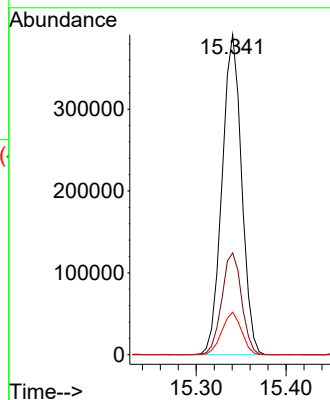
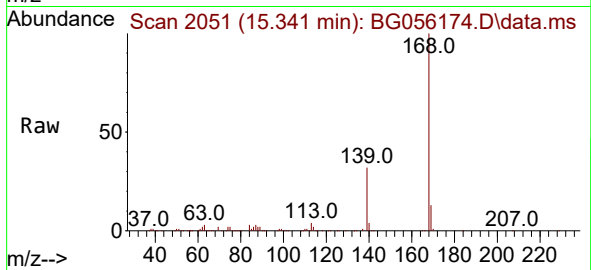
Tgt Ion:168 Resp: 590365

Ion Ratio Lower Upper

168 100

139 31.8 24.7 37.1

169 13.3 10.3 15.5



#56

4-Nitrophenol

Concen: 54.883 ng

RT: 15.129 min Scan# 2015

Delta R.T. 0.005 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

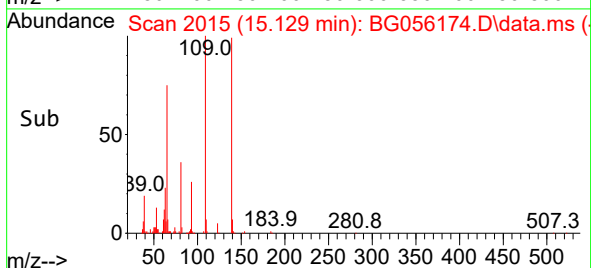
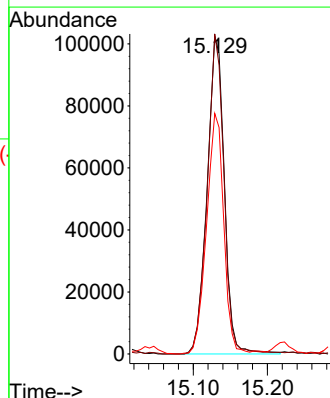
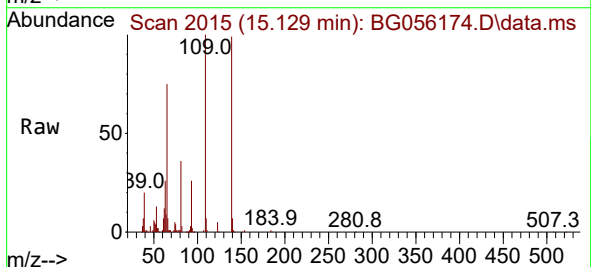
Tgt Ion:139 Resp: 165389

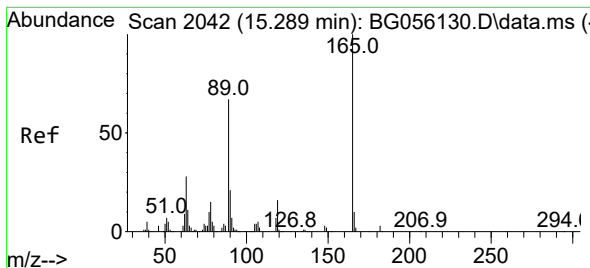
Ion Ratio Lower Upper

139 100

109 100.8 82.2 122.2

65 75.7 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 26.332 ng

RT: 15.294 min Scan# 2043

Delta R.T. 0.005 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

Tgt Ion:165 Resp: 151616

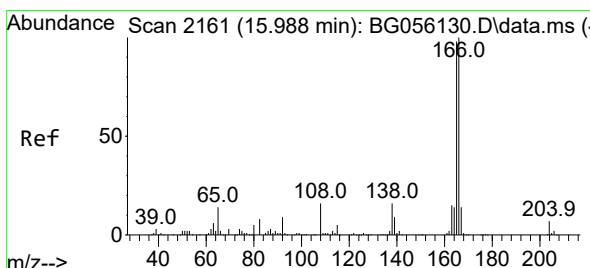
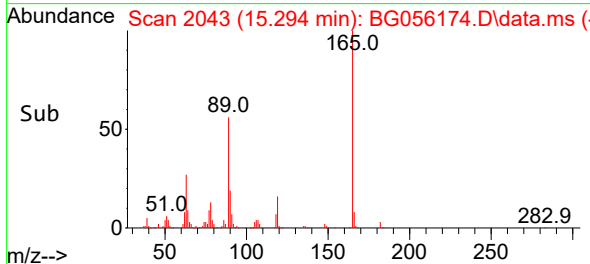
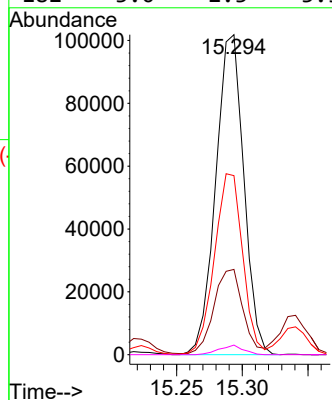
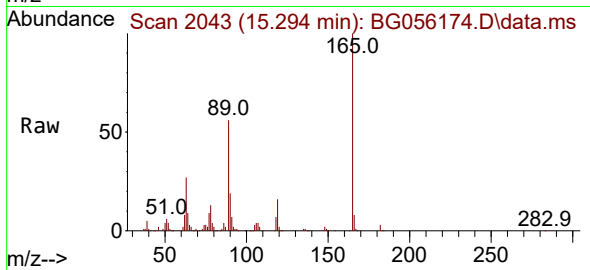
Ion Ratio Lower Upper

165 100

63 26.7 22.6 34.0

89 56.0 53.2 79.8

182 3.0 2.3 3.5



#58

Fluorene

Concen: 24.791 ng

RT: 15.987 min Scan# 2161

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

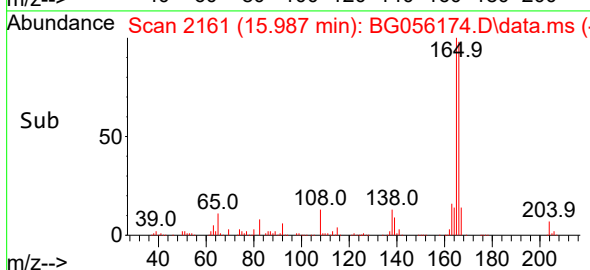
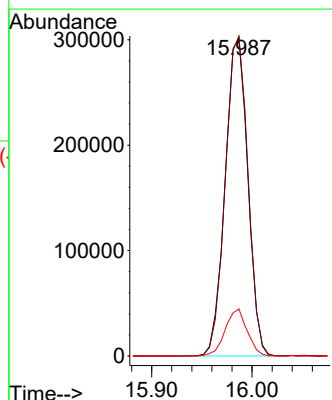
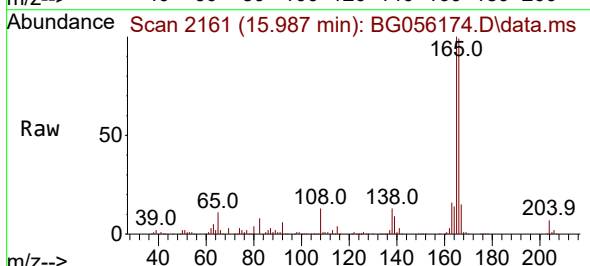
Tgt Ion:166 Resp: 472511

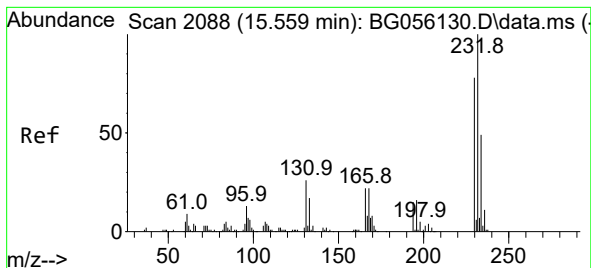
Ion Ratio Lower Upper

166 100

165 100.7 78.6 118.0

167 14.8 11.1 16.7

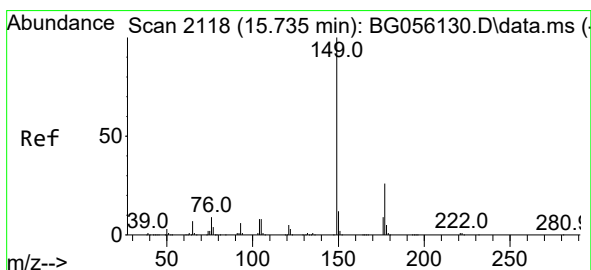
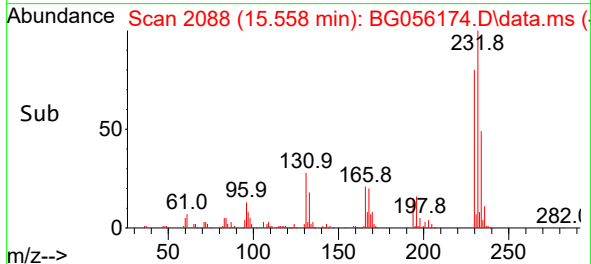
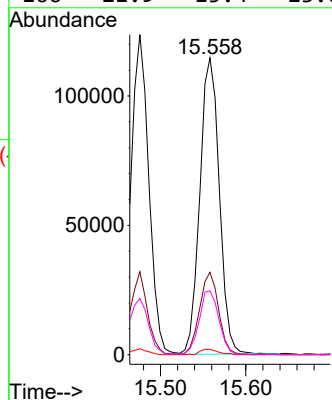
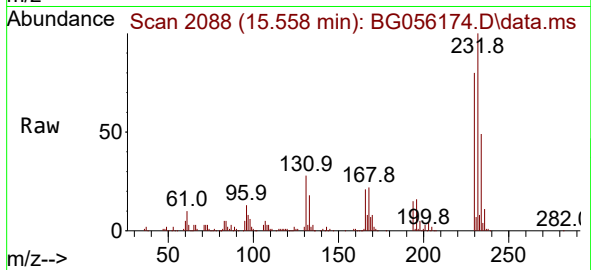




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.520 ng
RT: 15.558 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

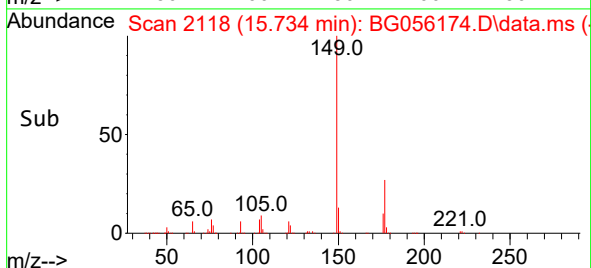
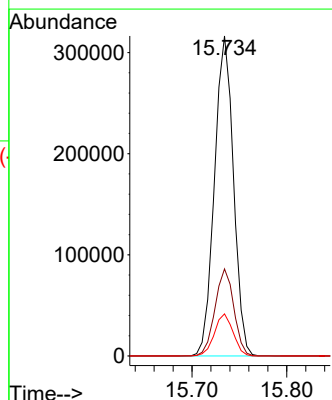
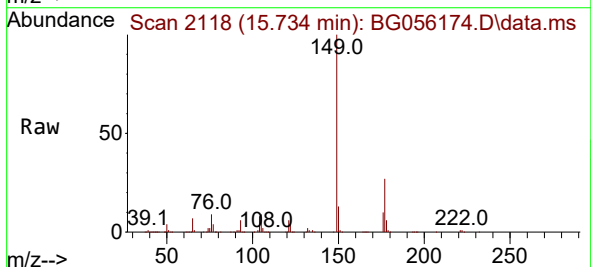
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

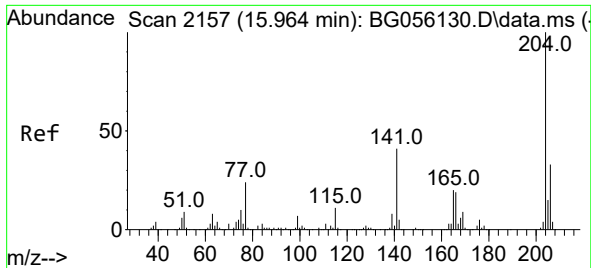
Tgt Ion:232 Resp: 181313
Ion Ratio Lower Upper
232 100
131 27.1 21.4 32.2
130 1.7 1.4 2.0
166 21.9 15.4 23.0



#60
Diethylphthalate
Concen: 24.272 ng
RT: 15.734 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:149 Resp: 439804
Ion Ratio Lower Upper
149 100
177 27.2 20.6 31.0
150 13.2 9.9 14.9

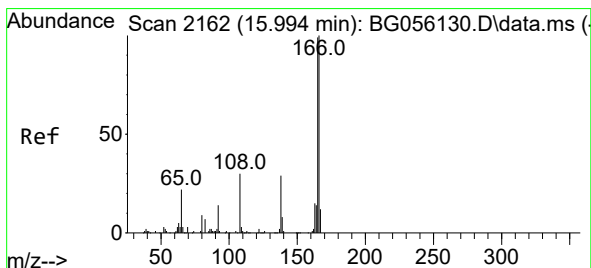
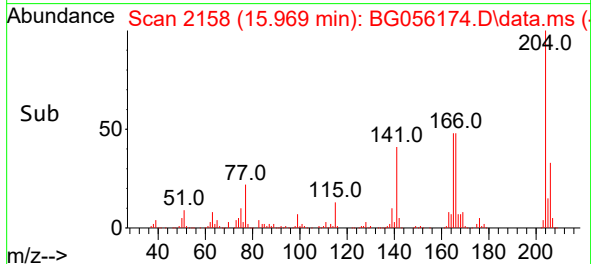
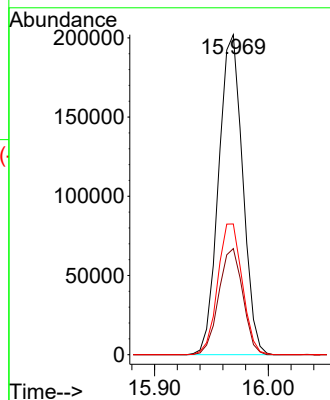
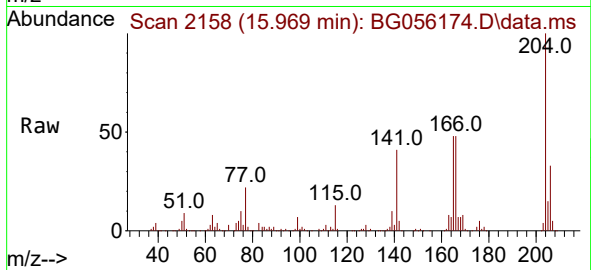




#61
4-Chlorophenyl-phenylether
Concen: 24.972 ng
RT: 15.969 min Scan# 2157
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

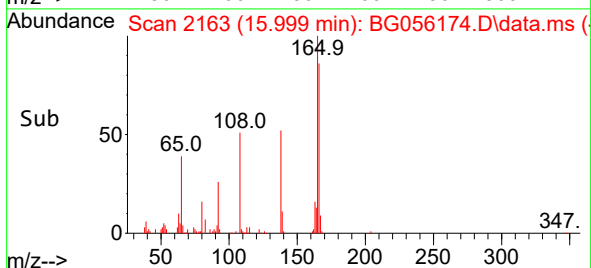
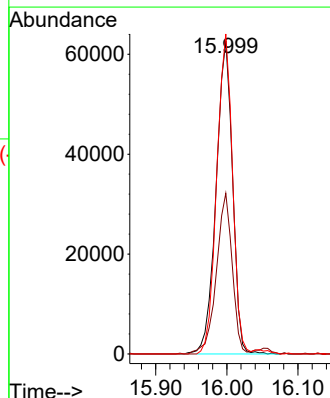
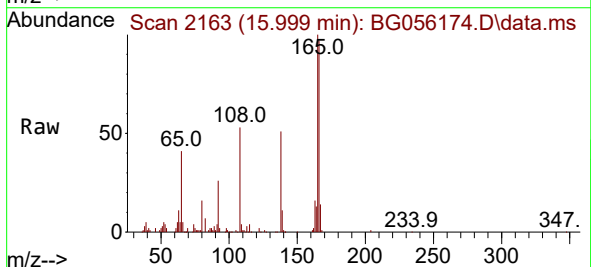
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

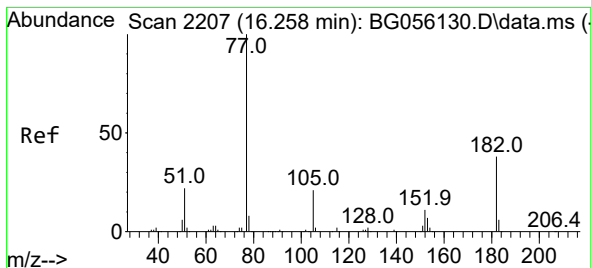
Tgt Ion:204 Resp: 297030
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 40.8 33.0 49.4



#62
4-Nitroaniline
Concen: 24.999 ng
RT: 15.999 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:138 Resp: 100337
Ion Ratio Lower Upper
138 100
92 51.3 28.6 68.6
108 102.2 83.4 123.4





#63

Azobenzene

Concen: 23.821 ng

RT: 16.257 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

Tgt Ion: 77 Resp: 333085

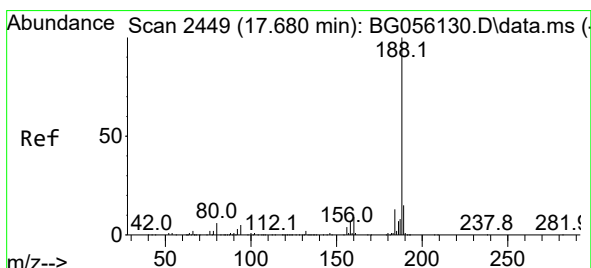
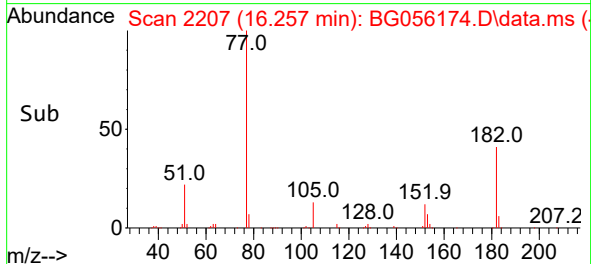
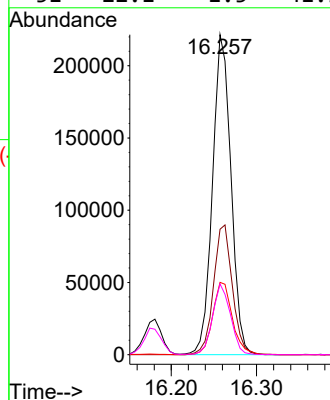
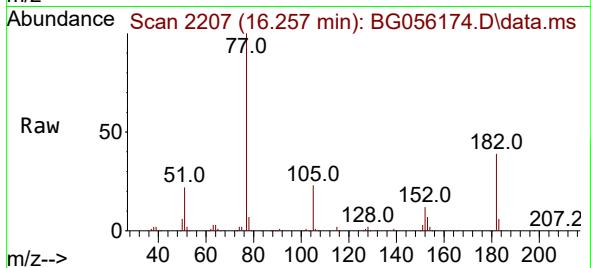
Ion Ratio Lower Upper

77 100

182 39.2 18.5 58.5

105 22.6 1.4 41.4

51 22.1 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.679 min Scan# 2449

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

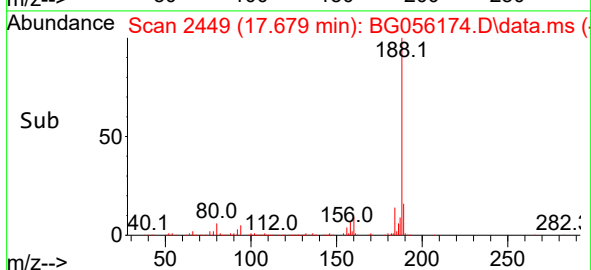
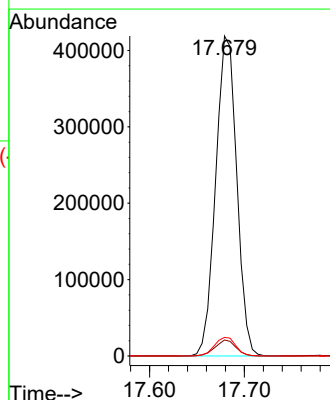
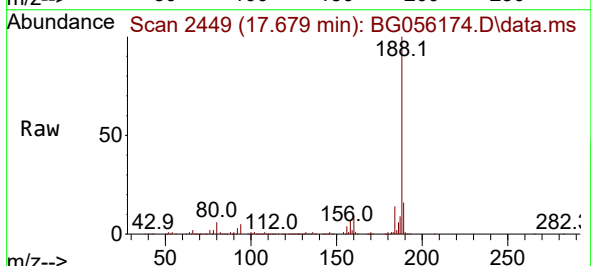
Tgt Ion:188 Resp: 647592

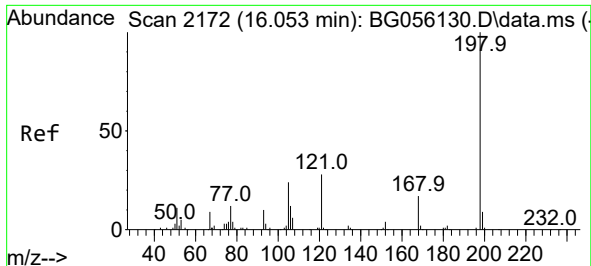
Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.2

80 5.8 5.0 7.4

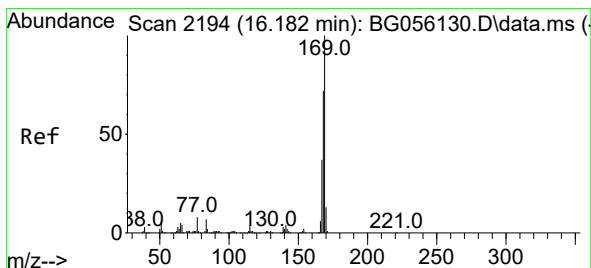
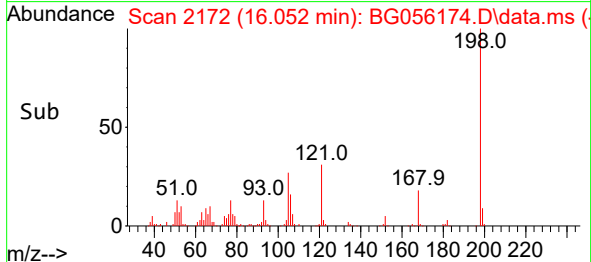
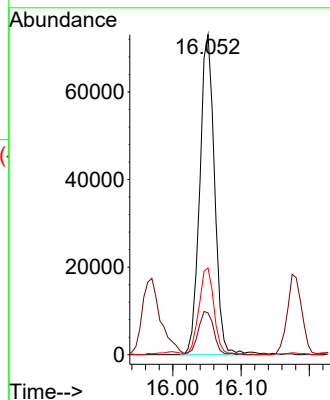
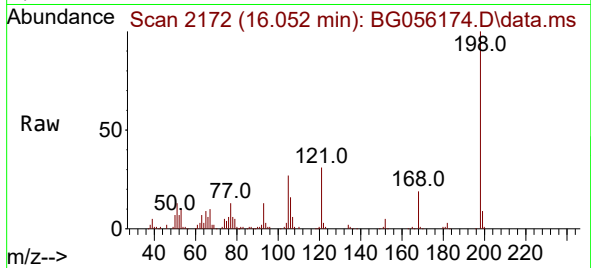




#65
4,6-Dinitro-2-methylphenol
Concen: 25.338 ng
RT: 16.052 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

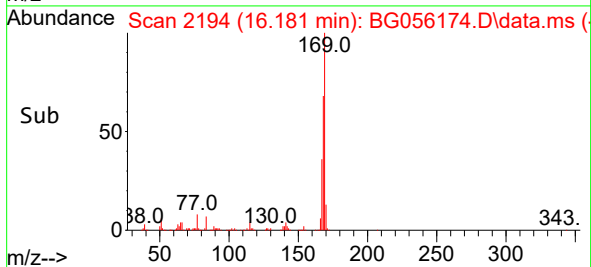
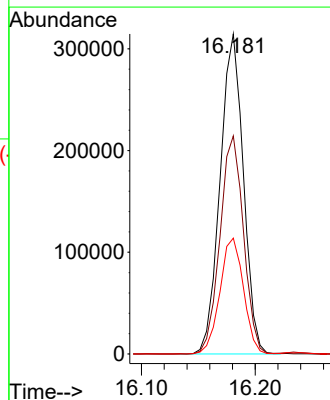
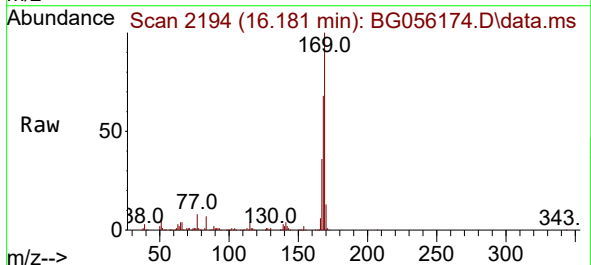
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

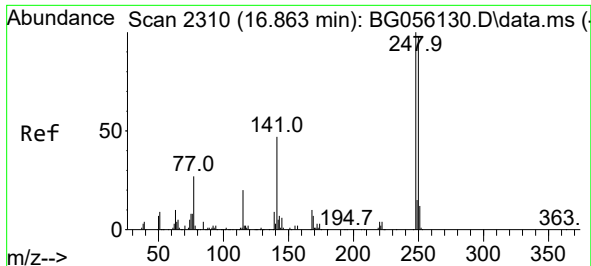
Tgt Ion:198 Resp: 110550
Ion Ratio Lower Upper
198 100
51 13.0 0.0 33.2
105 27.1 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 24.878 ng
RT: 16.181 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:169 Resp: 446995
Ion Ratio Lower Upper
169 100
168 68.1 58.0 87.0
167 36.2 30.0 45.0

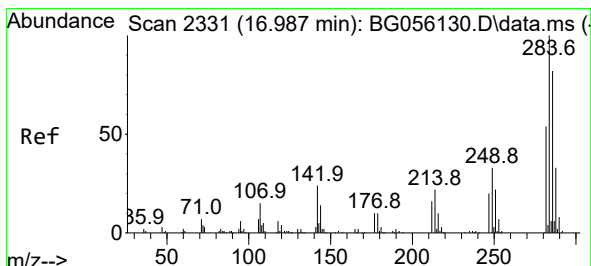
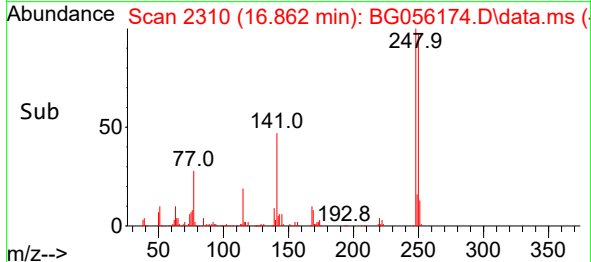
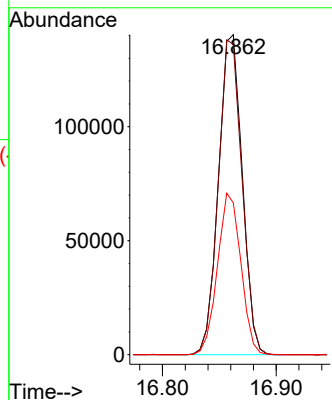
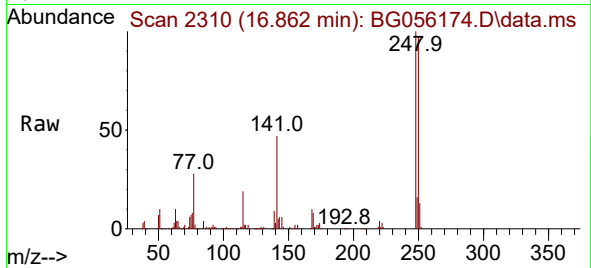




#67
4-Bromophenyl-phenylether
Concen: 24.722 ng
RT: 16.862 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

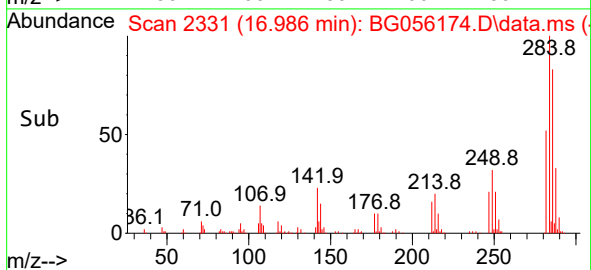
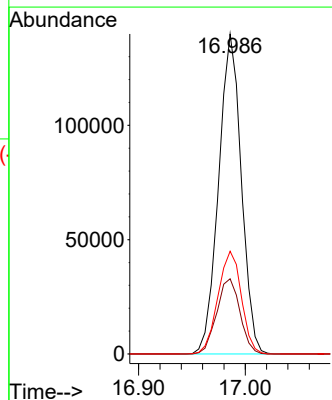
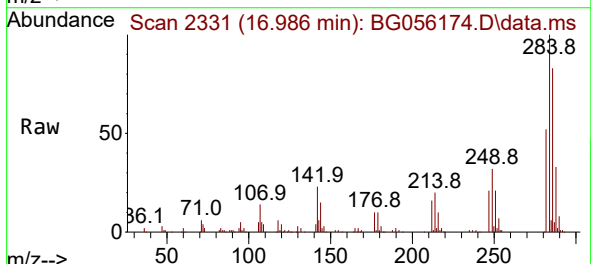
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

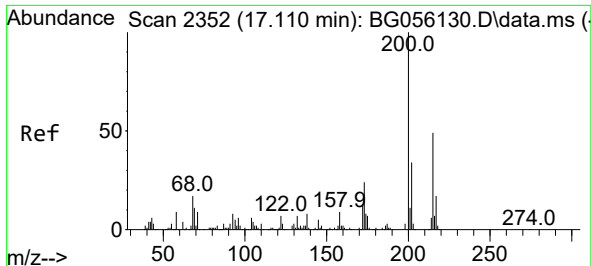
Tgt Ion:248 Resp: 203871
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.4
141 47.5 37.6 56.4



#68
Hexachlorobenzene
Concen: 26.813 ng
RT: 16.986 min Scan# 2331
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:284 Resp: 206294
Ion Ratio Lower Upper
284 100
142 23.5 19.0 28.6
249 32.1 26.6 39.8

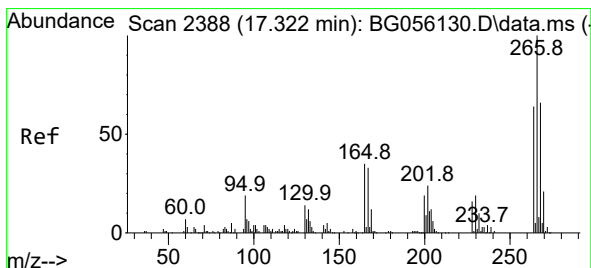
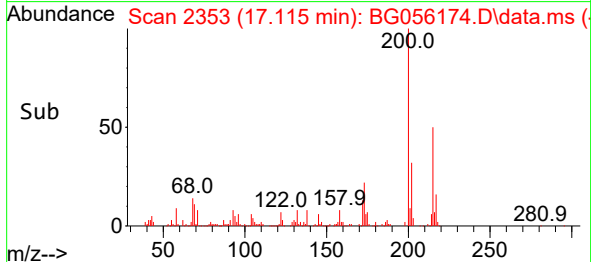
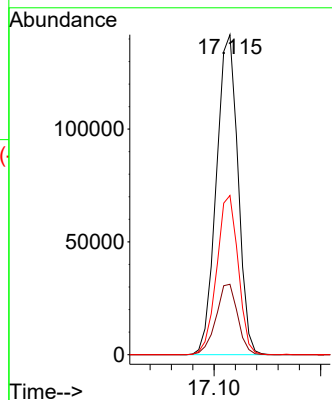
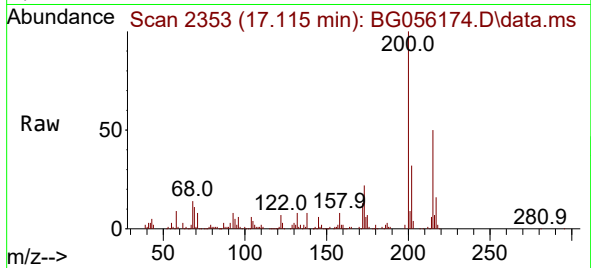




#69
 Atrazine
 Concen: 26.751 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

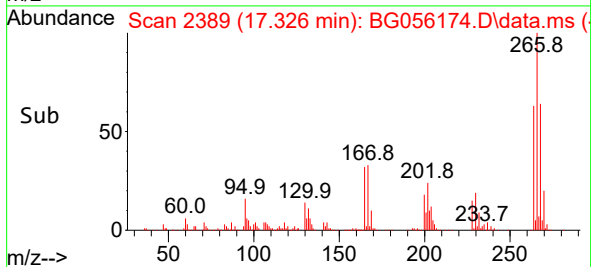
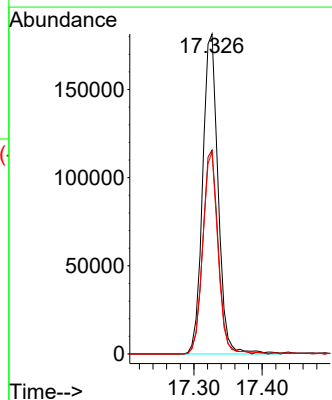
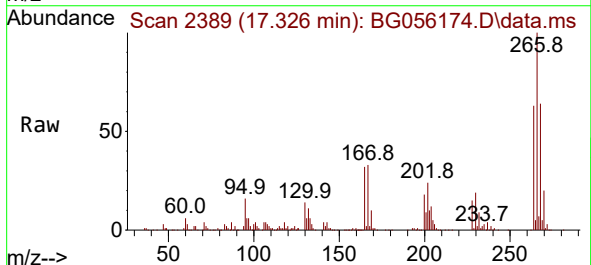
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

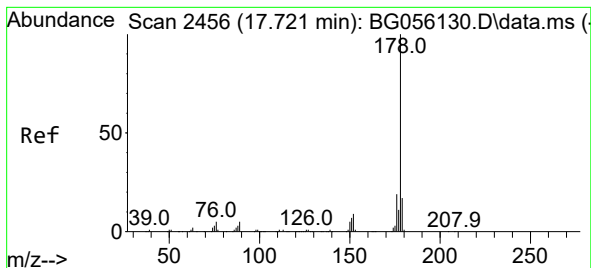
Tgt Ion:200 Resp: 199200
 Ion Ratio Lower Upper
 200 100
 173 22.0 4.0 44.0
 215 49.7 29.1 69.1



#70
 Pentachlorophenol
 Concen: 48.376 ng
 RT: 17.326 min Scan# 2389
 Delta R.T. 0.005 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

Tgt Ion:266 Resp: 285907
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.0 79.4
 264 63.2 51.4 77.2





#71

Phenanthrene

Concen: 25.025 ng

RT: 17.726 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

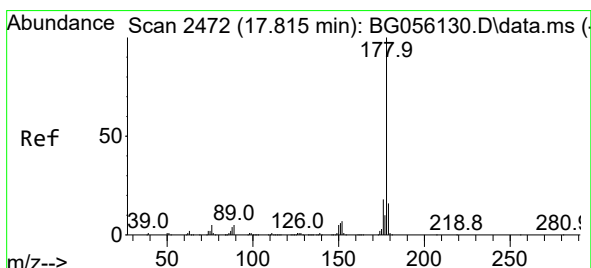
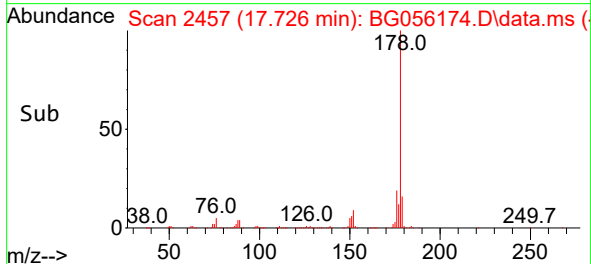
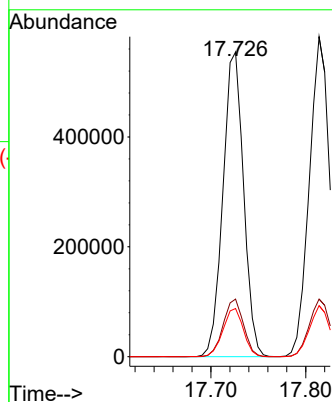
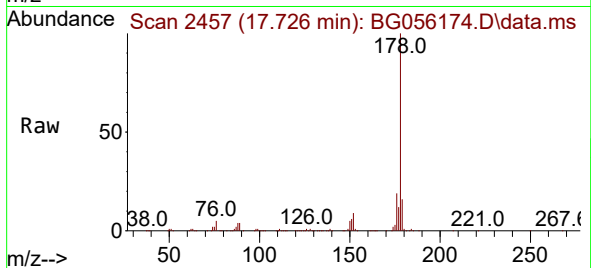
Tgt Ion:178 Resp: 839855

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.8 13.6 20.4



#72

Anthracene

Concen: 25.128 ng

RT: 17.814 min Scan# 2472

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

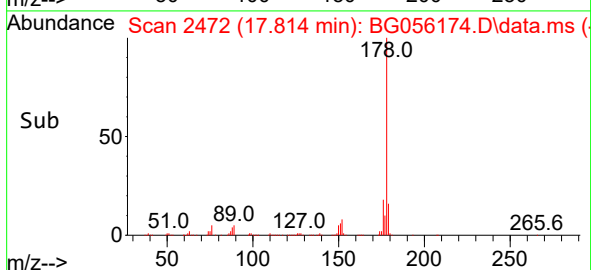
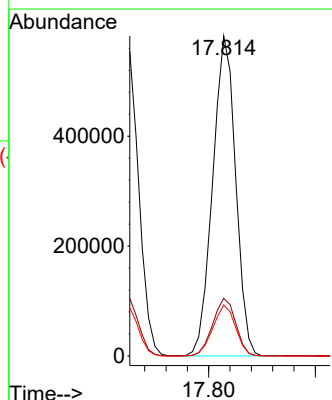
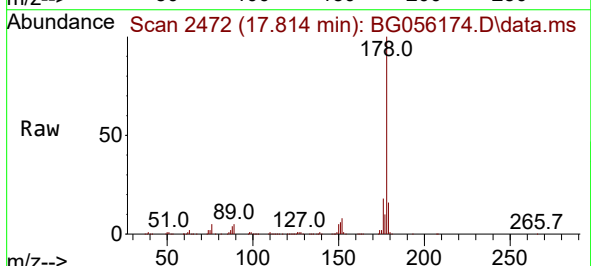
Tgt Ion:178 Resp: 869908

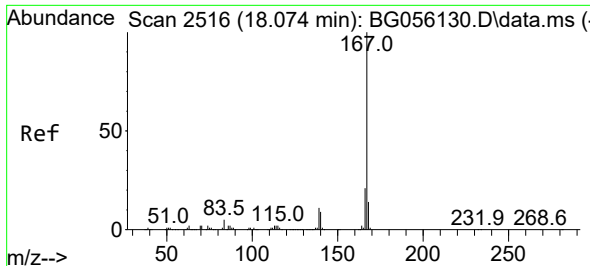
Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

179 15.9 12.7 19.1

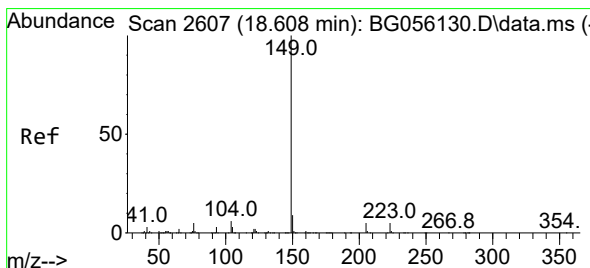
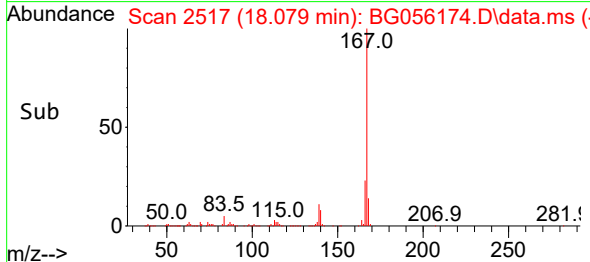
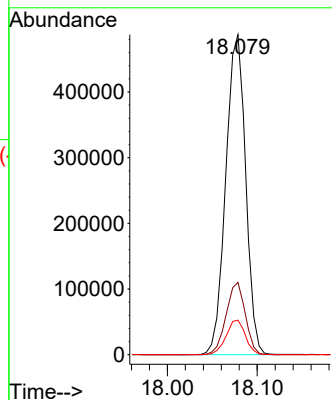
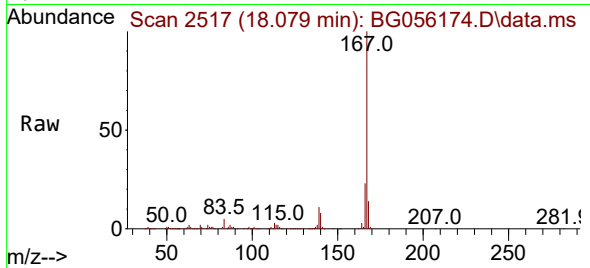




#73
Carbazole
Concen: 25.713 ng
RT: 18.079 min Scan# 2516
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

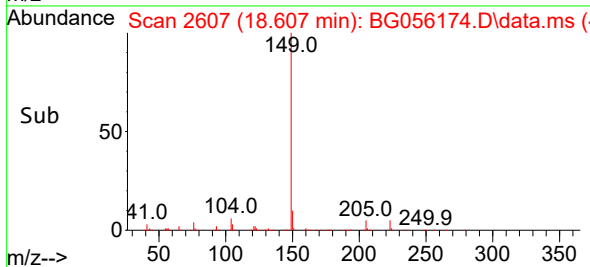
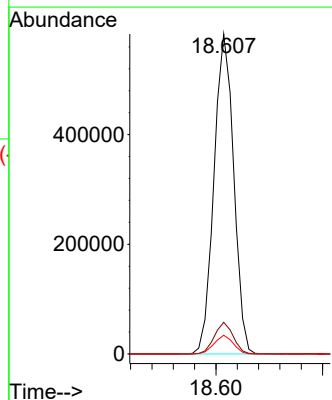
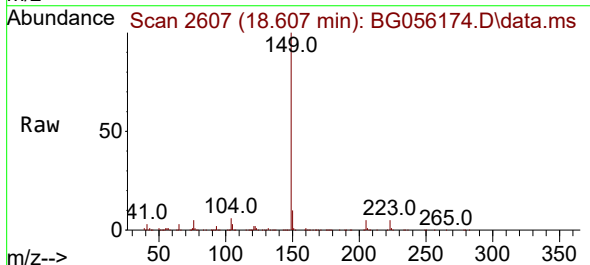
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

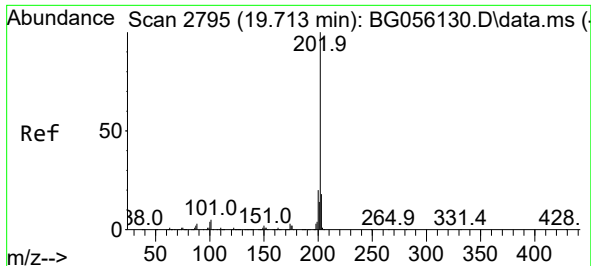
Tgt Ion:167 Resp: 748255
Ion Ratio Lower Upper
167 100
166 22.6 16.8 25.2
139 10.8 8.9 13.3



#74
Di-n-butylphthalate
Concen: 25.791 ng
RT: 18.607 min Scan# 2607
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:149 Resp: 748154
Ion Ratio Lower Upper
149 100
150 9.9 7.4 11.2
104 5.8 4.4 6.6

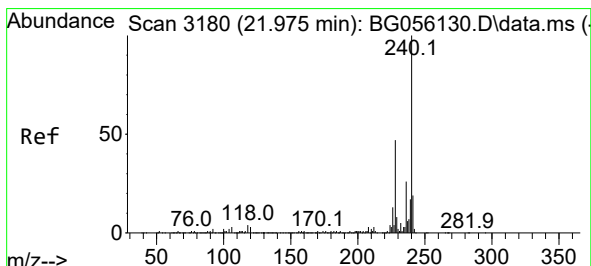
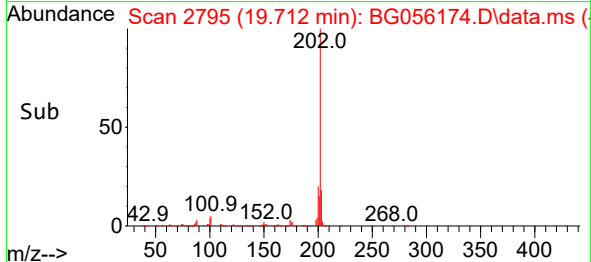
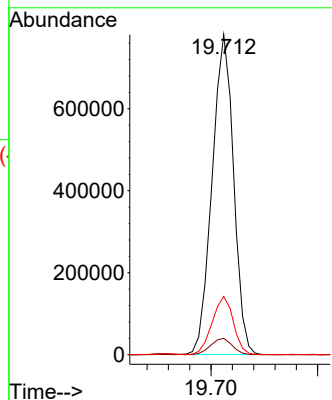
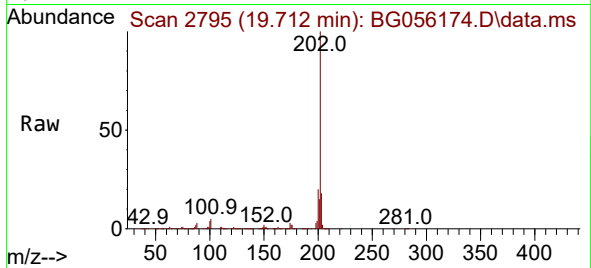




#75
Fluoranthene
Concen: 24.879 ng
RT: 19.712 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

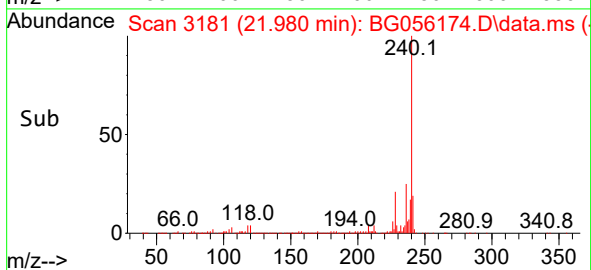
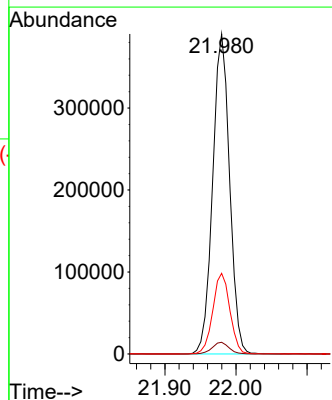
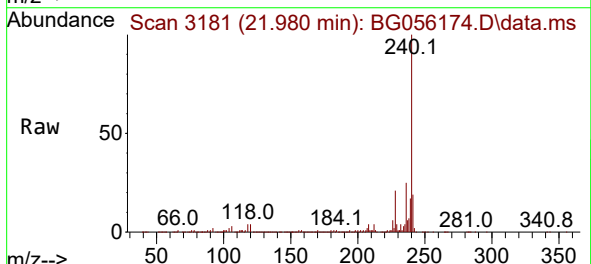
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

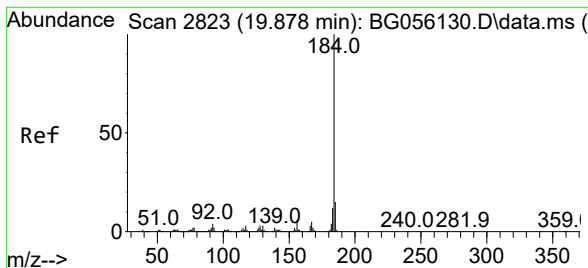
Tgt Ion:202 Resp: 1089095
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.0
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.980 min Scan# 3181
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:240 Resp: 643770
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 25.2 20.8 31.2





#77

Benzidine

Concen: 20.485 ng

RT: 19.876 min Scan# 2823

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

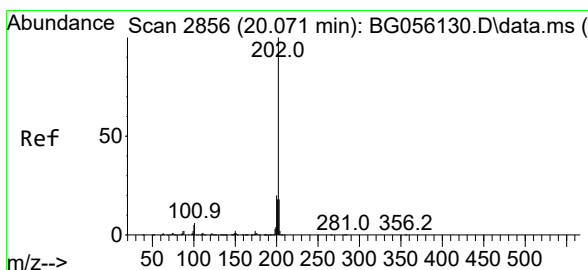
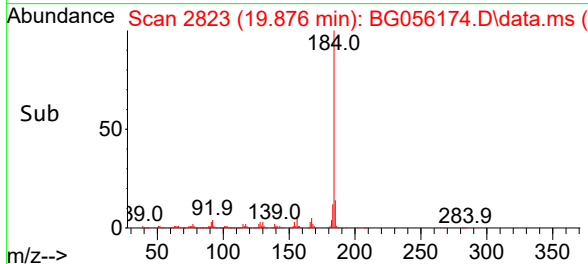
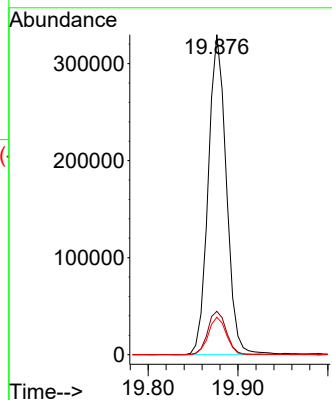
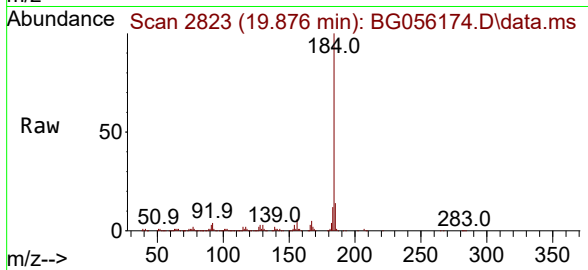
Tgt Ion:184 Resp: 462143

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

183 11.7 9.4 14.0



#78

Pyrene

Concen: 24.260 ng

RT: 20.070 min Scan# 2856

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

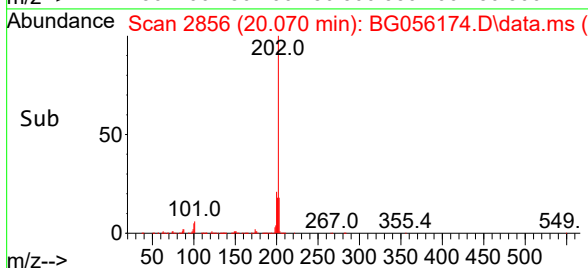
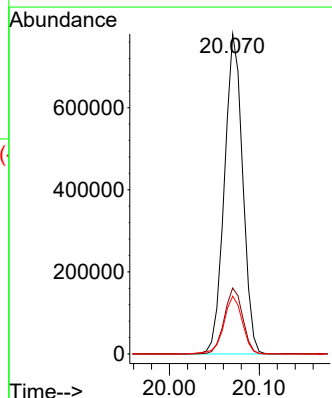
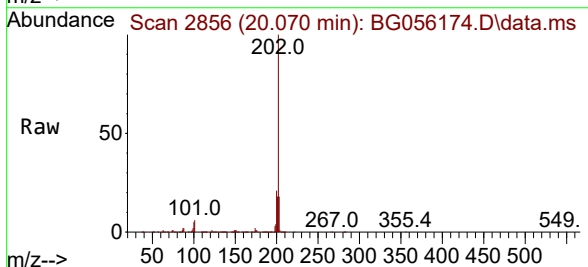
Tgt Ion:202 Resp: 1100799

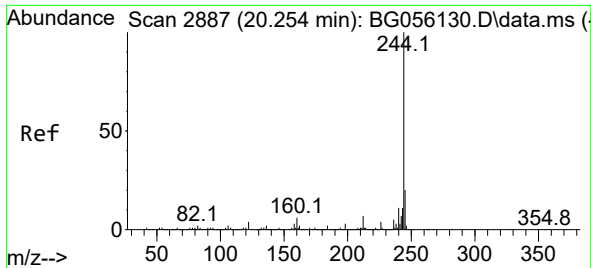
Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

203 18.0 14.3 21.5

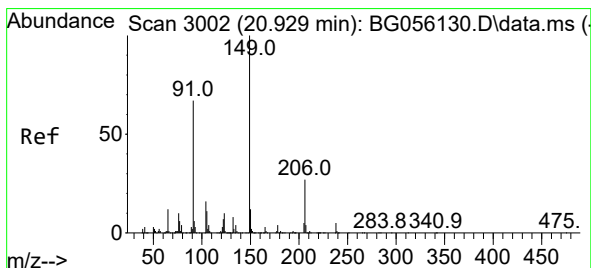
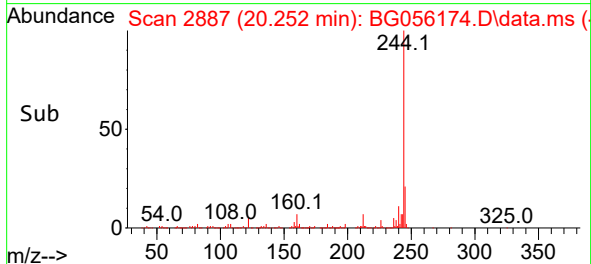
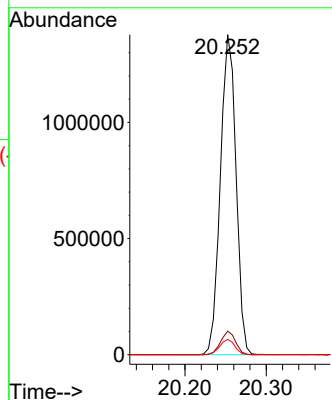
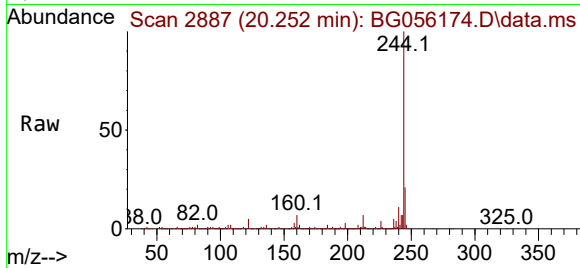




#79
 Terphenyl-d14
 Concen: 51.397 ng
 RT: 20.252 min Scan# 2887
 Delta R.T. -0.001 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

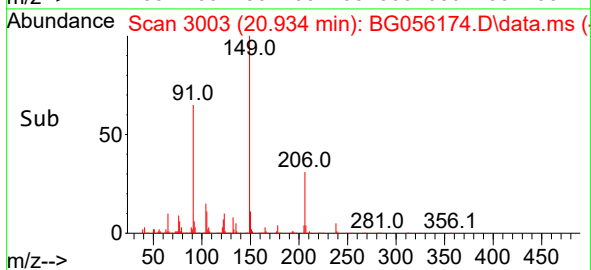
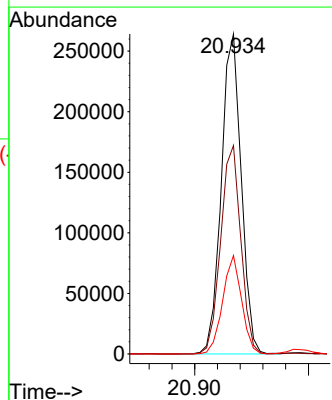
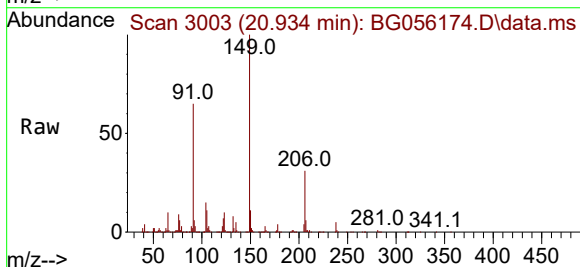
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

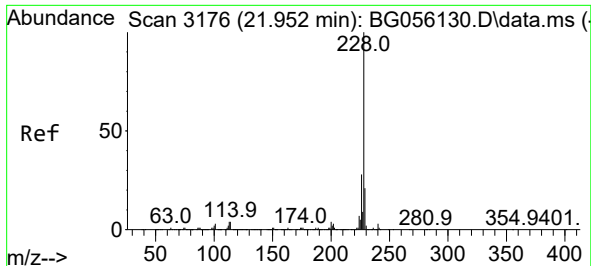
Tgt Ion:244 Resp: 1847383
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 4.8 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 24.690 ng
 RT: 20.934 min Scan# 3003
 Delta R.T. 0.005 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

Tgt Ion:149 Resp: 321417
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.5 80.3
 206 30.8 21.9 32.9

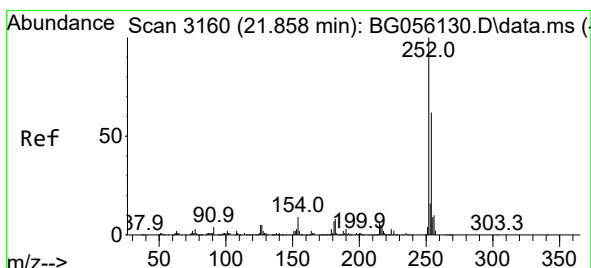
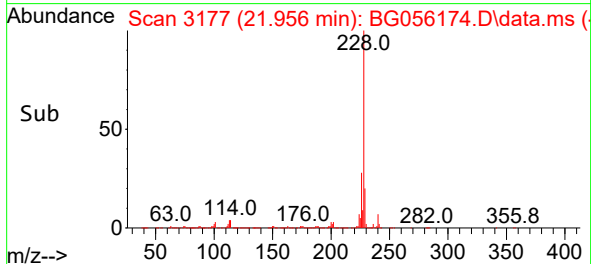
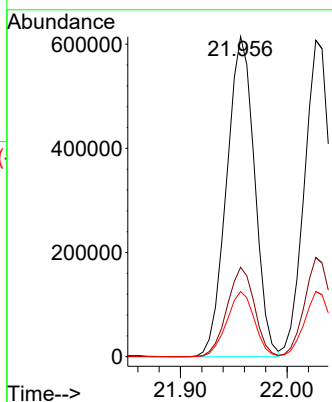
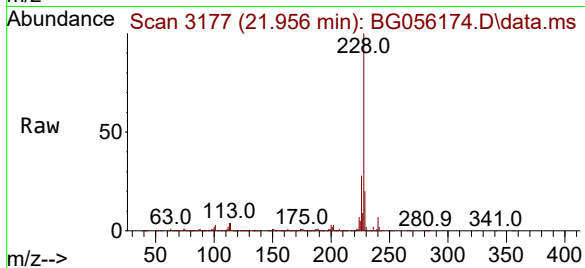




#81
Benzo(a)anthracene
Concen: 24.734 ng
RT: 21.956 min Scan# 3177
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

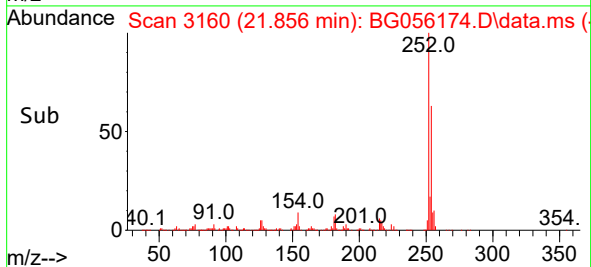
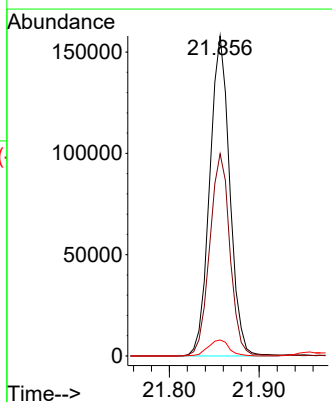
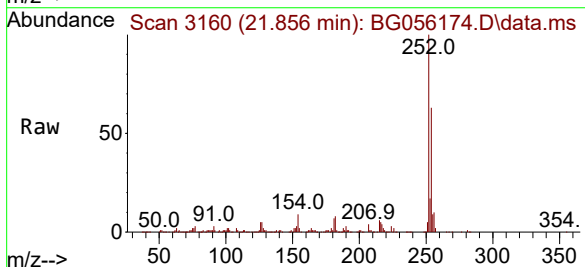
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

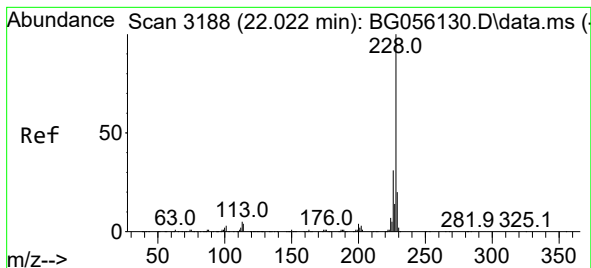
Tgt Ion:228 Resp: 1118378
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.3 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 15.001 ng
RT: 21.856 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:252 Resp: 244164
Ion Ratio Lower Upper
252 100
254 63.2 49.5 74.3
126 5.0 4.0 6.0





#83

Chrysene

Concen: 24.368 ng

RT: 22.027 min Scan# 3188

Delta R.T. 0.005 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

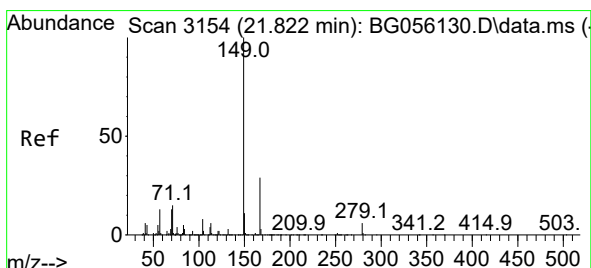
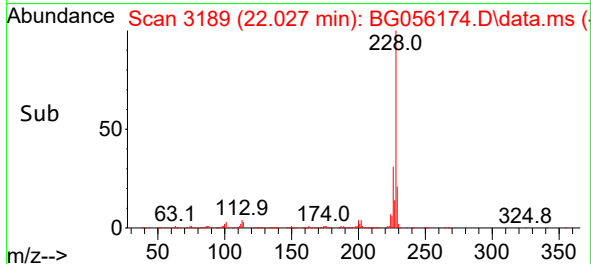
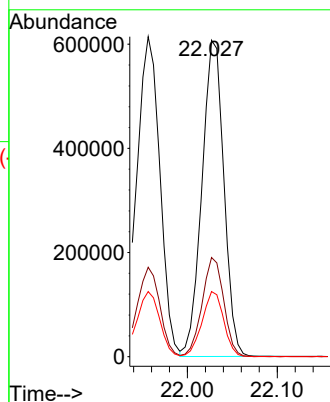
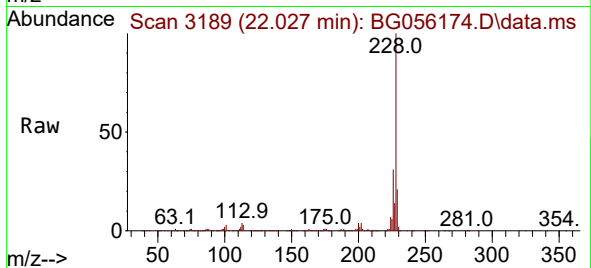
Tgt Ion:228 Resp: 1032109

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

229 20.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.563 ng

RT: 21.827 min Scan# 3155

Delta R.T. 0.005 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

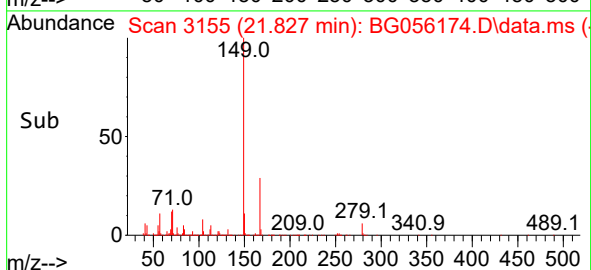
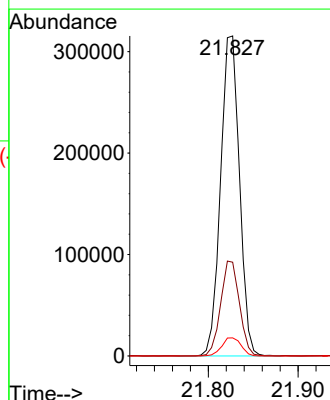
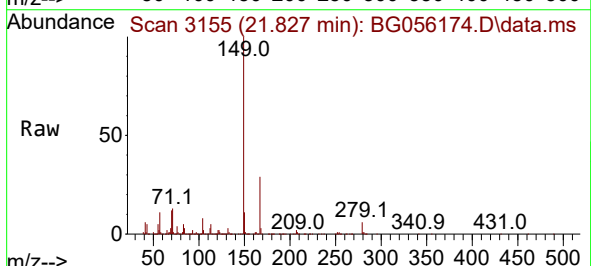
Tgt Ion:149 Resp: 460684

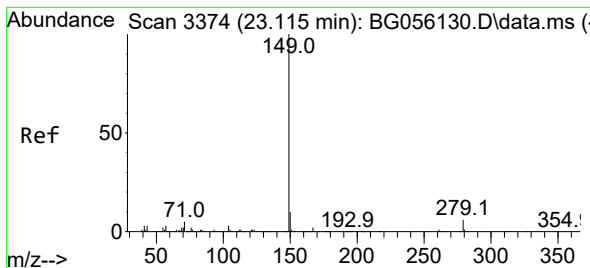
Ion Ratio Lower Upper

149 100

167 29.3 23.4 35.2

279 5.7 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 25.008 ng

RT: 23.114 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

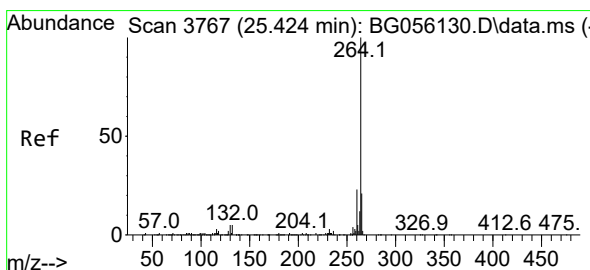
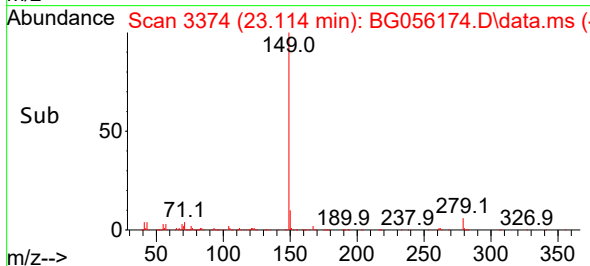
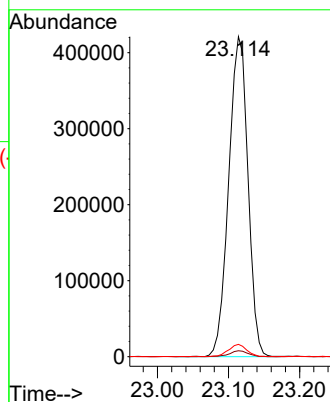
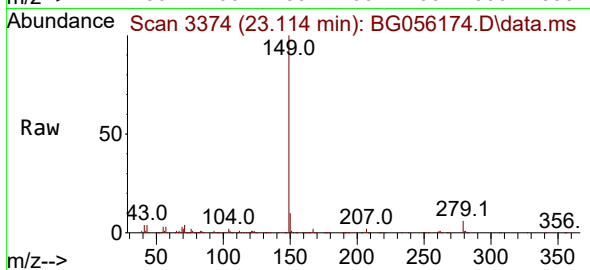
Tgt Ion:149 Resp: 791801

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.7 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.435 min Scan# 3769

Delta R.T. 0.011 min

Lab File: BG056174.D

Acq: 30 Dec 2022 17:13

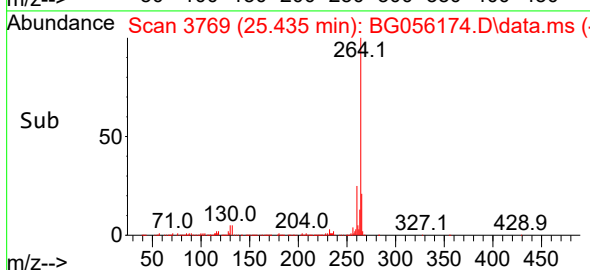
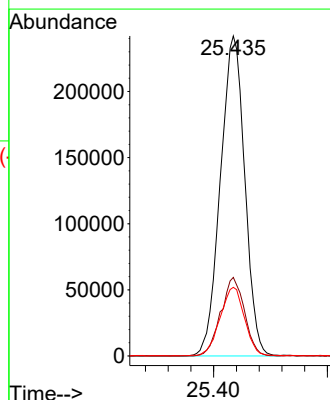
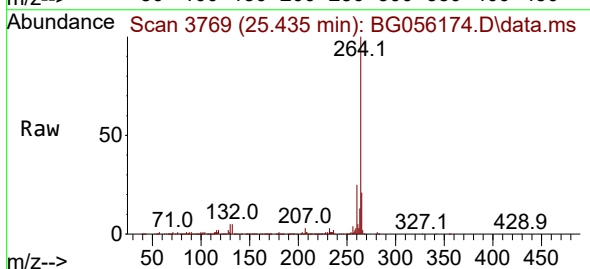
Tgt Ion:264 Resp: 719296

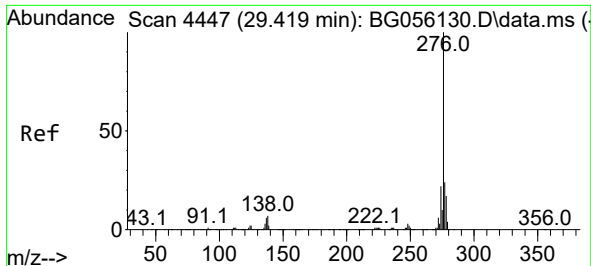
Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 21.4 16.7 25.1

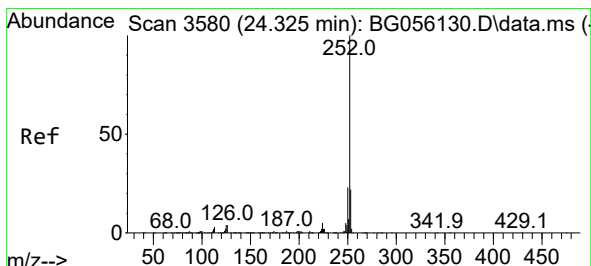
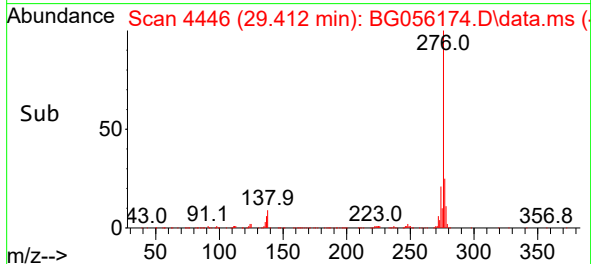
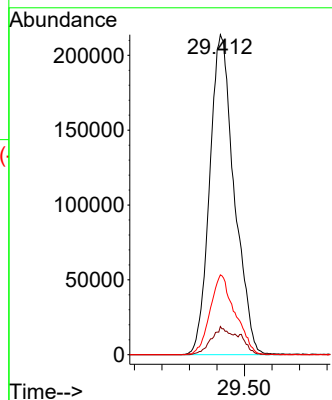
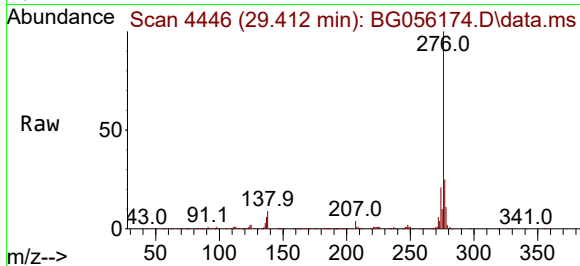




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 25.396 ng
 RT: 29.412 min Scan# 4446
 Delta R.T. -0.007 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

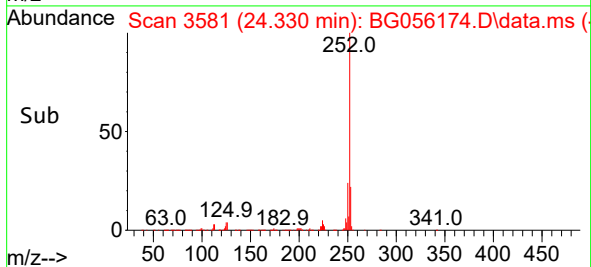
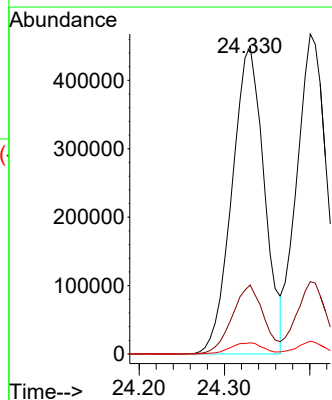
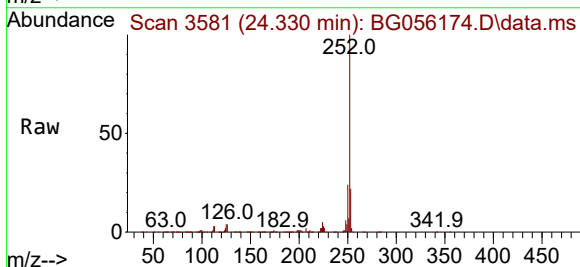
Instrument :
 BNA_G
 ClientSampleId :
 MM-4MSD

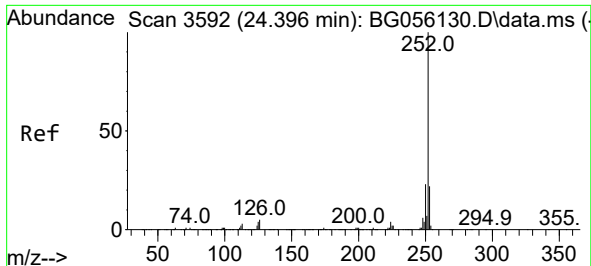
Tgt Ion:276 Resp: 1328514
 Ion Ratio Lower Upper
 276 100
 138 7.8 5.0 7.4#
 277 25.3 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 25.873 ng
 RT: 24.330 min Scan# 3581
 Delta R.T. 0.005 min
 Lab File: BG056174.D
 Acq: 30 Dec 2022 17:13

Tgt Ion:252 Resp: 1182426
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 3.7 3.0 4.4

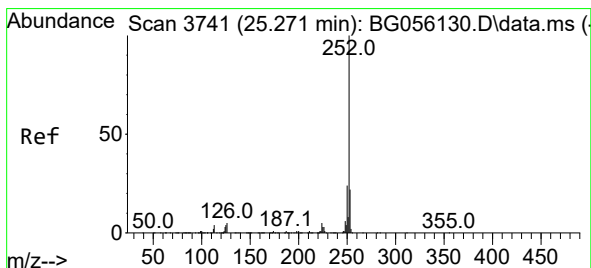
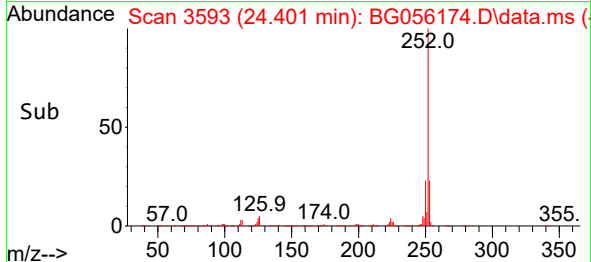
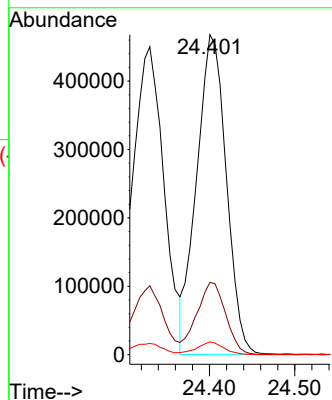
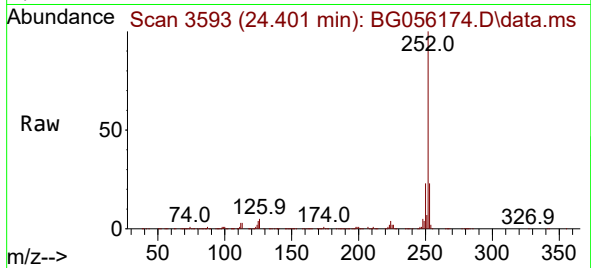




#89
Benzo(k)fluoranthene
Concen: 24.797 ng
RT: 24.401 min Scan# 3592
Delta R.T. 0.005 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

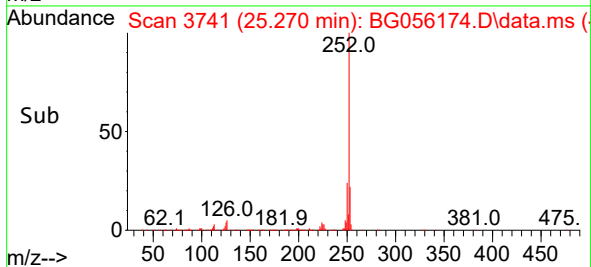
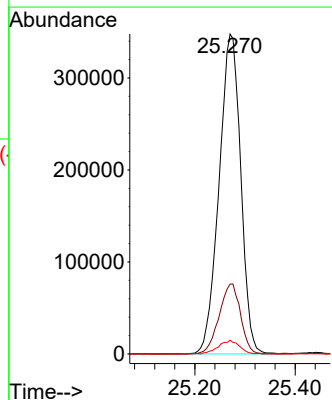
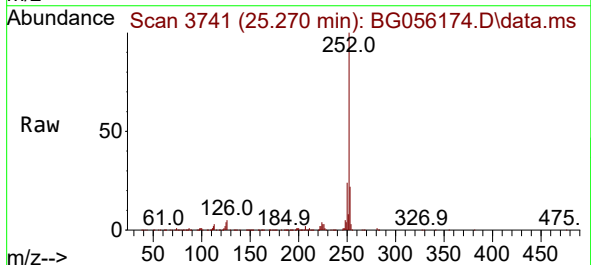
Instrument :
BNA_G
ClientSampleId :
MM-4MSD

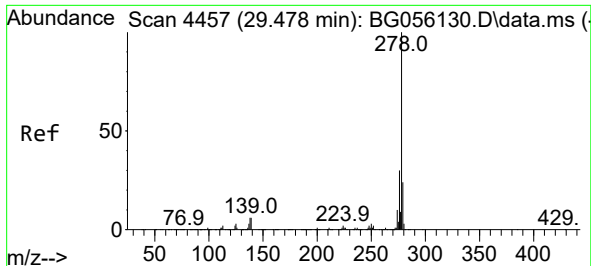
Tgt Ion:252 Resp: 1128492
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.0 3.4 5.0



#90
Benzo(a)pyrene
Concen: 23.375 ng
RT: 25.270 min Scan# 3741
Delta R.T. -0.001 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:252 Resp: 1041924
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.3 3.2 4.8

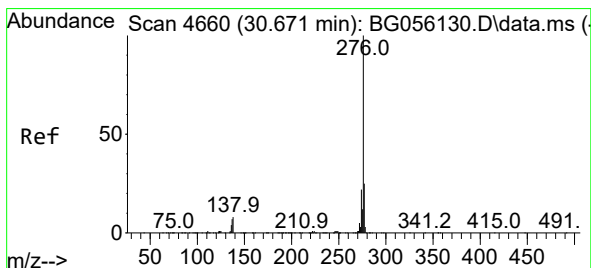
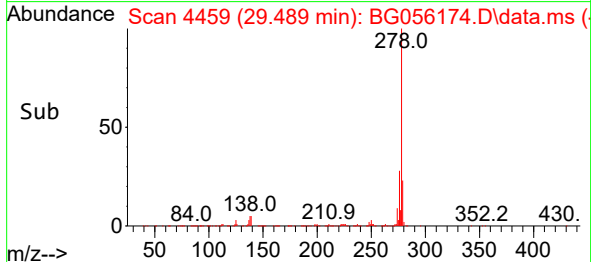
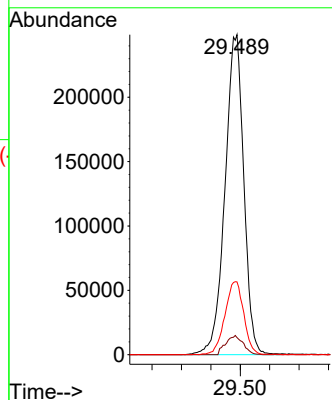
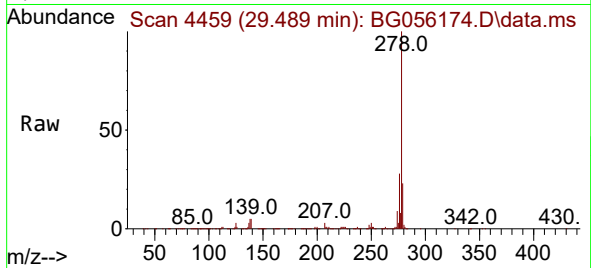




#91
Dibenzo(a,h)anthracene
Concen: 25.173 ng
RT: 29.489 min Scan# 4459
Delta R.T. 0.011 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Instrument :
BNA_G
ClientSampleId :
MM-4MSD

Tgt Ion:278 Resp: 1104059
Ion Ratio Lower Upper
278 100
139 5.4 4.8 7.2
279 22.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 24.877 ng
RT: 30.664 min Scan# 4659
Delta R.T. -0.007 min
Lab File: BG056174.D
Acq: 30 Dec 2022 17:13

Tgt Ion:276 Resp: 1058044
Ion Ratio Lower Upper
276 100
277 24.0 19.7 29.5
138 8.3 6.7 10.1

