

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056373.D
 Acq On : 20 Jan 2023 18:47
 Operator : CG/JU
 Sample : 01232-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P-18B

Quant Time: Jan 23 00:01:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

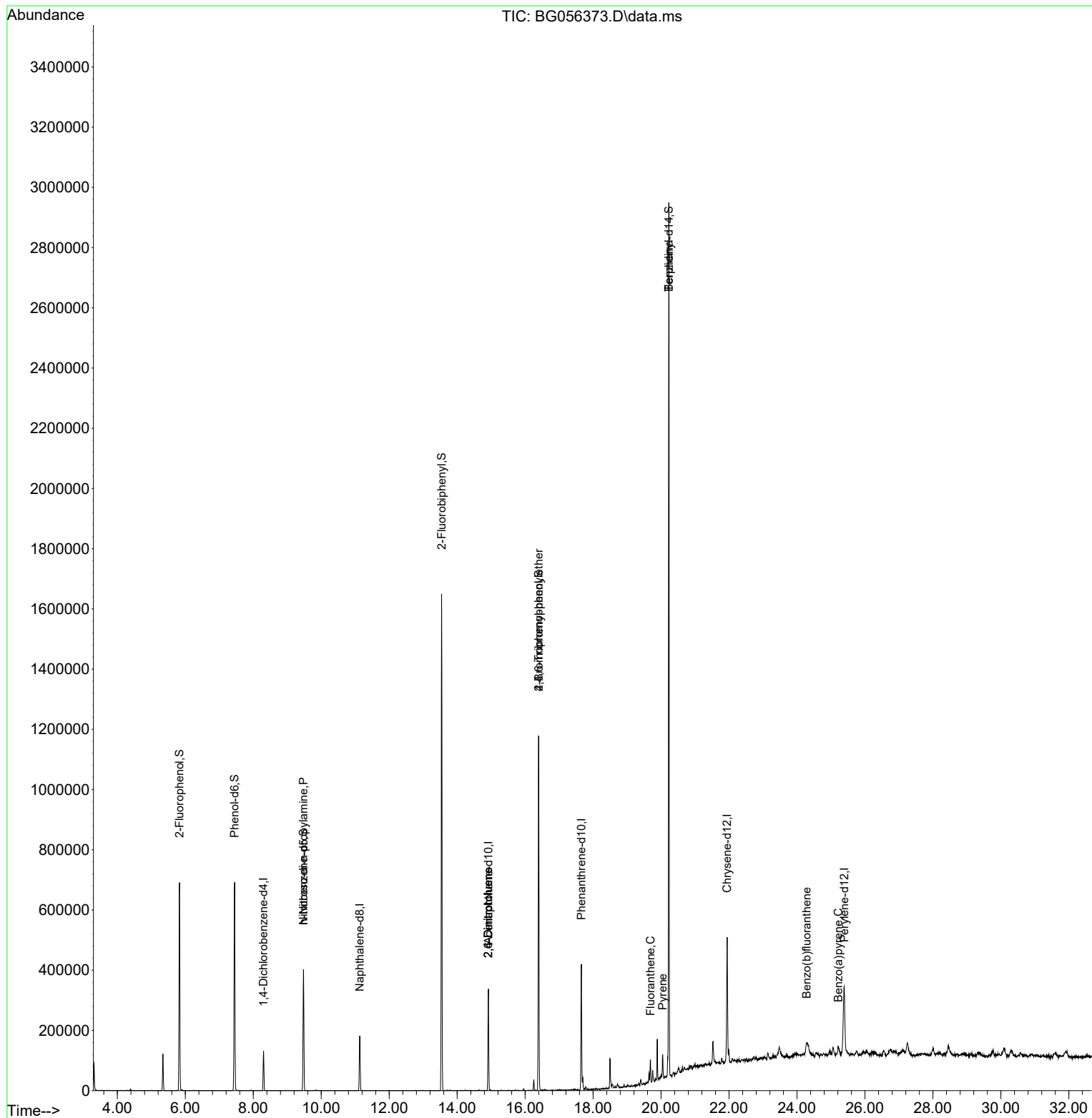
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	44014	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	169116	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	128743	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	300749	20.000	ng	0.00
76) Chrysene-d12	21.944	240	276762	20.000	ng	#-0.01
86) Perylene-d12	25.387	264	300974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	392614	159.270	ng	0.00
7) Phenol-d6	7.449	99	538720	142.305	ng	0.00
23) Nitrobenzene-d5	9.476	82	282239	85.367	ng	-0.01
42) 2,4,6-Tribromophenol	16.397	330	245967	150.853	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	921087	98.796	ng	0.00
79) Terphenyl-d14	20.228	244	1549088	100.248	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.476	70	34536	15.002	ng	# 72
51) 2,6-Dinitrotoluene	14.911	165	16831	7.600	ng	# 31
57) 2,4-Dinitrotoluene	14.911	165	16831	5.434	ng	# 28
67) 4-Bromophenyl-phenylether	16.397	248	19950	5.209	ng	# 1
75) Fluoranthene	19.687	202	53238	2.619	ng	96
77) Benzidine	20.228	184	21992	2.267	ng	# 93
78) Pyrene	20.046	202	57279	2.936	ng	100
88) Benzo(b)fluoranthene	24.282	252	54986	2.875	ng	# 87
90) Benzo(a)pyrene	25.216	252	38017	2.038	ng	# 90

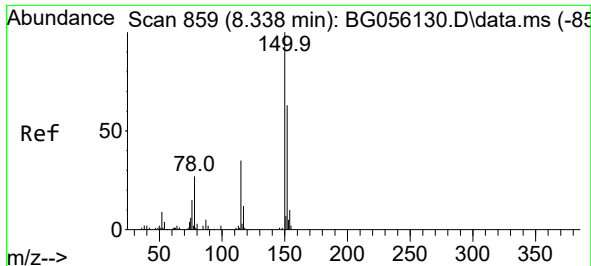
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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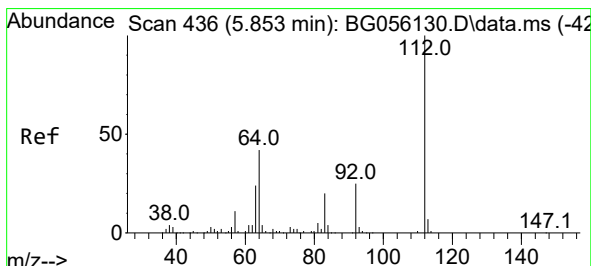
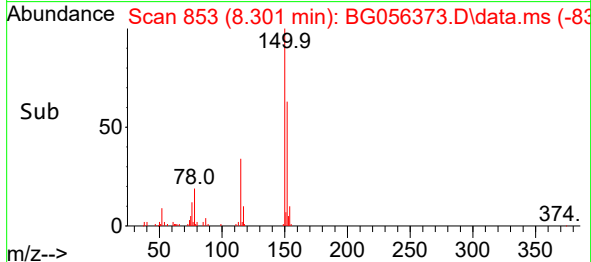
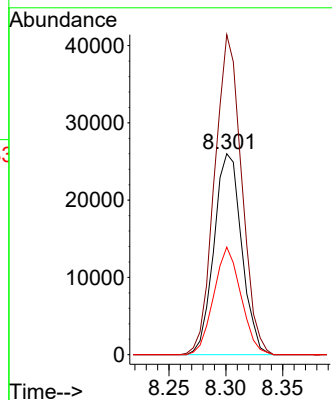
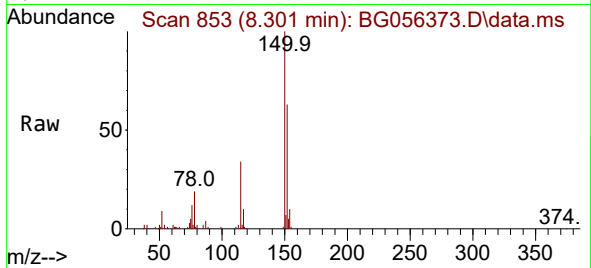




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.301 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG056373.D
 Acq: 20 Jan 2023 18:47

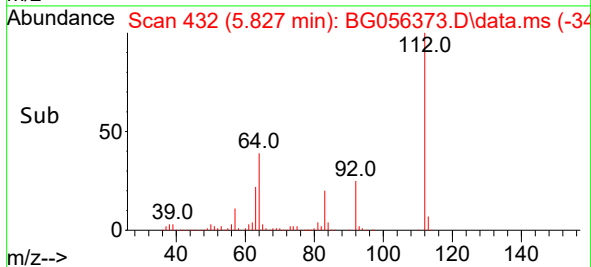
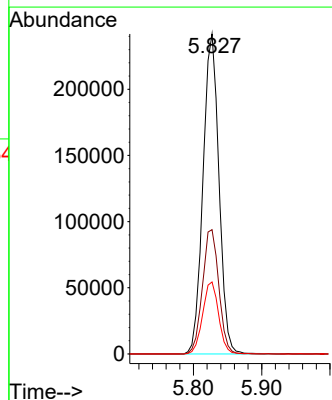
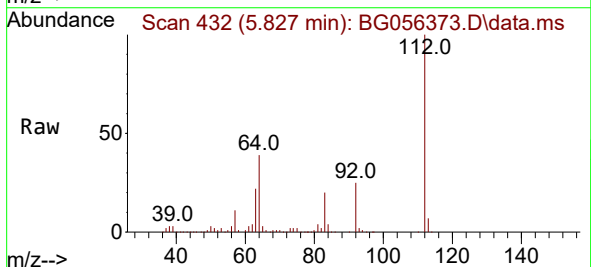
Instrument :
 BNA_G
 ClientSampleId :
 B-P-18B

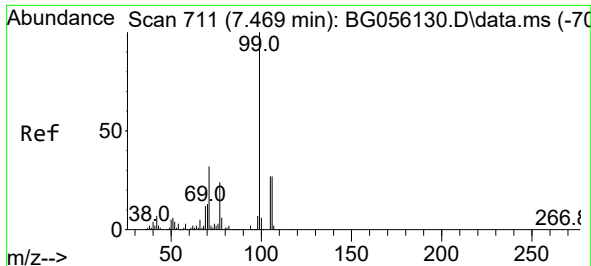
Tgt Ion:152 Resp: 44014
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.9 191.9
 115 53.6 44.2 66.2



#5
 2-Fluorophenol
 Concen: 159.270 ng
 RT: 5.827 min Scan# 432
 Delta R.T. 0.001 min
 Lab File: BG056373.D
 Acq: 20 Jan 2023 18:47

Tgt Ion:112 Resp: 392614
 Ion Ratio Lower Upper
 112 100
 64 38.8 33.3 49.9
 63 22.5 19.0 28.4

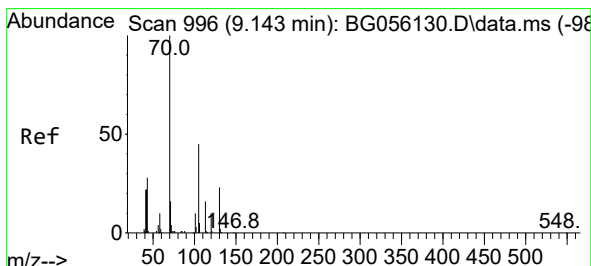
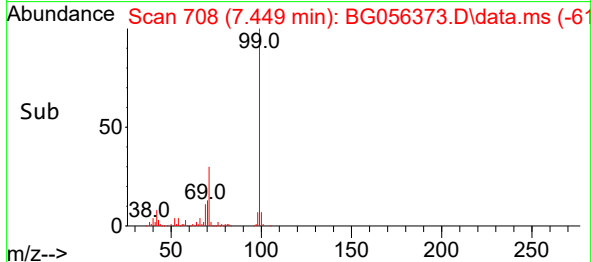
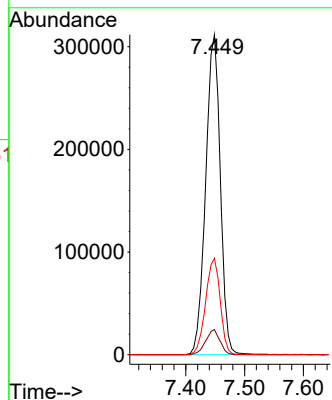
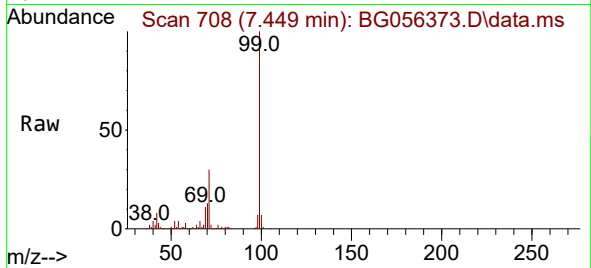




#7
Phenol-d6
Concen: 142.305 ng
RT: 7.449 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

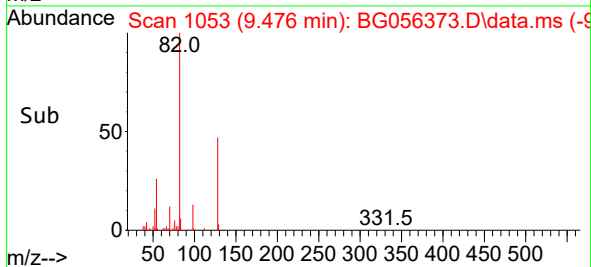
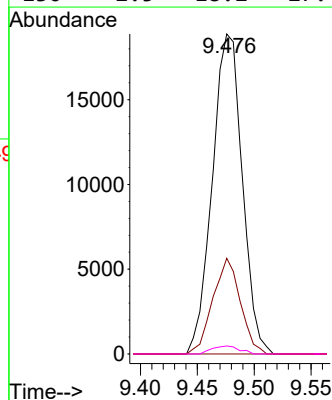
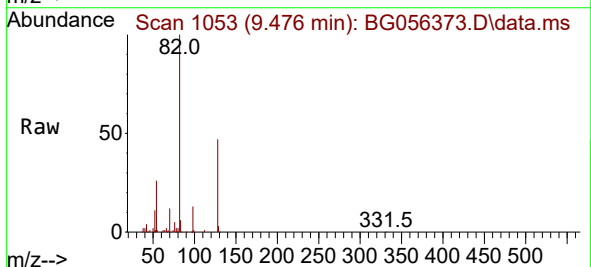
Instrument :
BNA_G
ClientSampleId :
B-P-18B

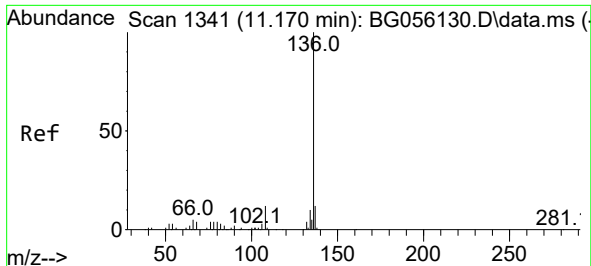
Tgt Ion: 99 Resp: 538720
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.1 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.002 ng
RT: 9.476 min Scan# 1053
Delta R.T. 0.365 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

Tgt Ion: 70 Resp: 34536
Ion Ratio Lower Upper
70 100
42 29.9 18.2 27.2#
101 0.0 8.3 12.5#
130 2.5 18.2 27.4#

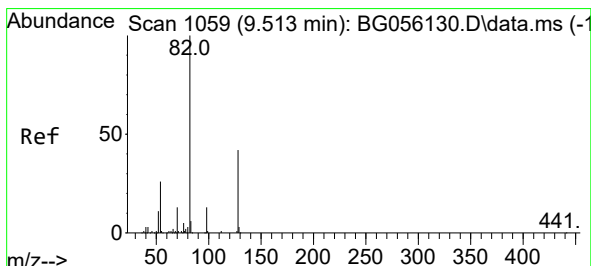
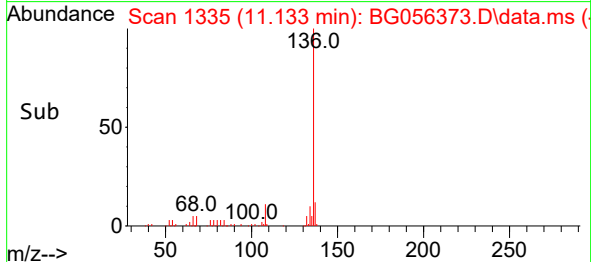
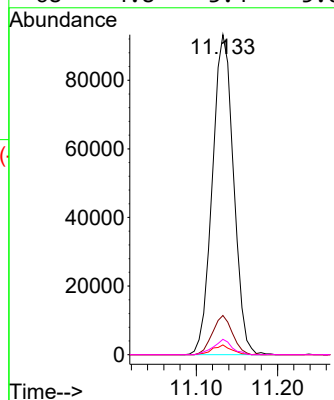
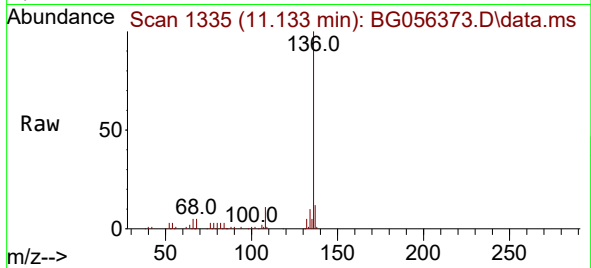




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

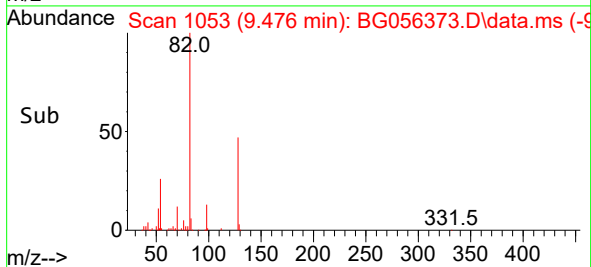
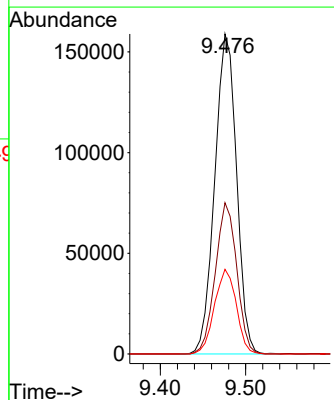
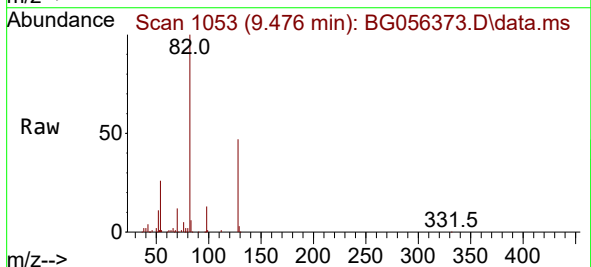
Instrument :
BNA_G
ClientSampleId :
B-P-18B

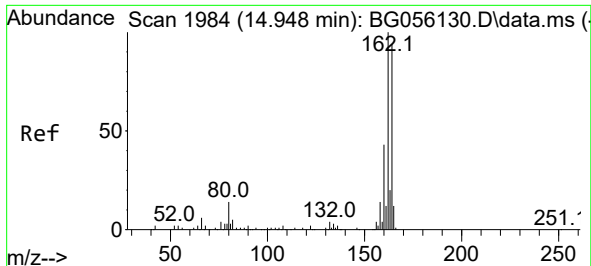
Tgt Ion:136 Resp: 169116
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 3.1 2.2 3.2
68 4.8 3.4 5.0



#23
Nitrobenzene-d5
Concen: 85.367 ng
RT: 9.476 min Scan# 1053
Delta R.T. -0.011 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

Tgt Ion: 82 Resp: 282239
Ion Ratio Lower Upper
82 100
128 47.3 33.4 50.2
54 26.4 20.3 30.5

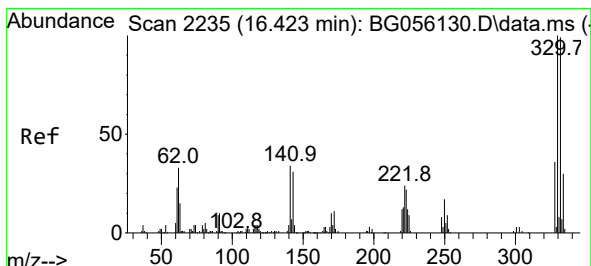
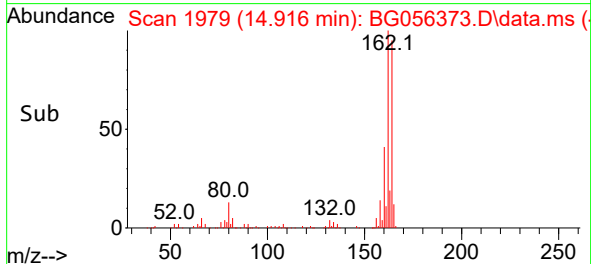
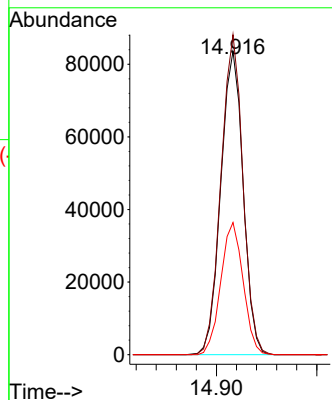
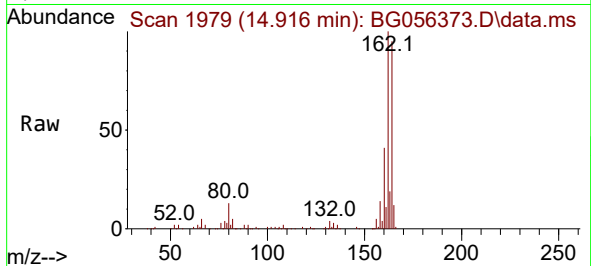




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

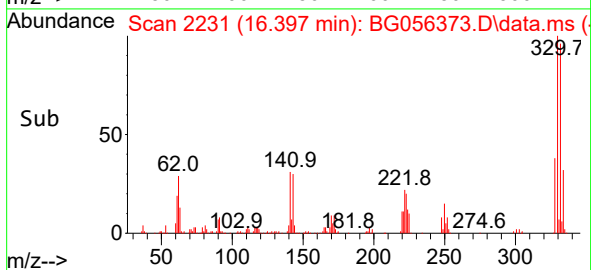
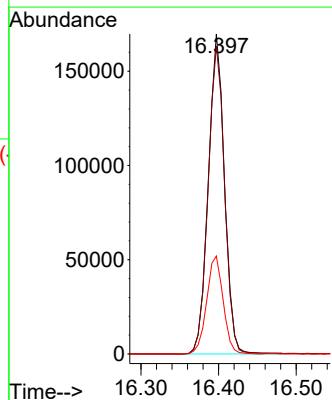
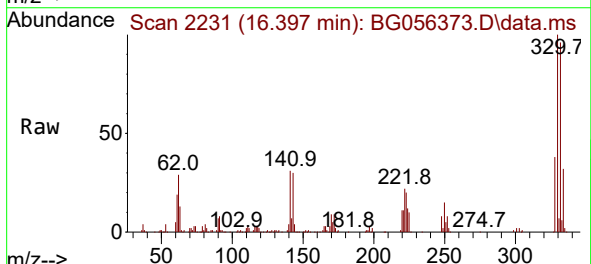
Instrument :
BNA_G
ClientSampleId :
B-P-18B

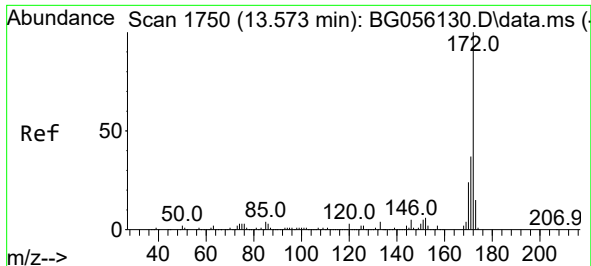
Tgt Ion:164 Resp: 128743
Ion Ratio Lower Upper
164 100
162 105.4 84.7 127.1
160 43.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 150.853 ng
RT: 16.397 min Scan# 2231
Delta R.T. -0.005 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

Tgt Ion:330 Resp: 245967
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 31.2 27.9 41.9

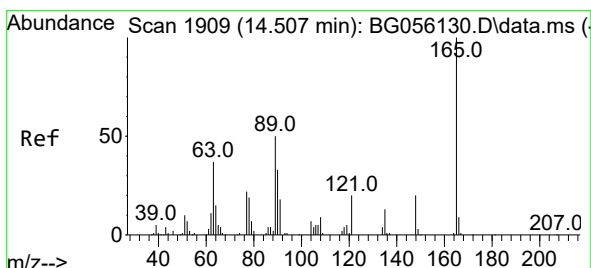
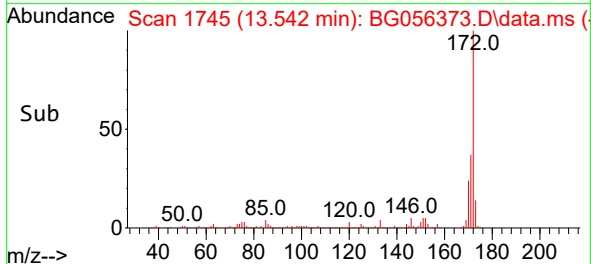
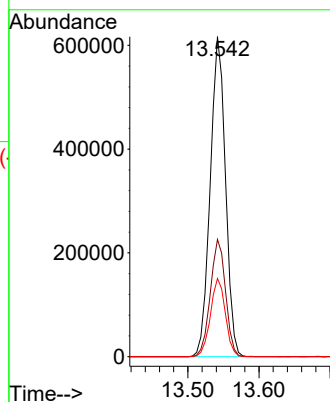
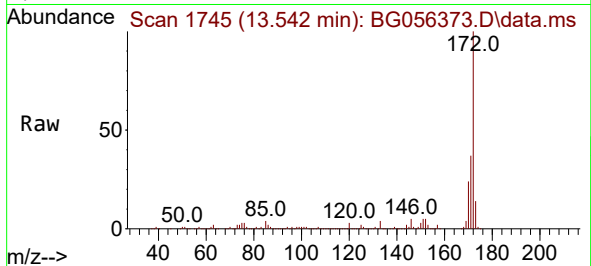




#45
2-Fluorobiphenyl
Concen: 98.796 ng
RT: 13.542 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

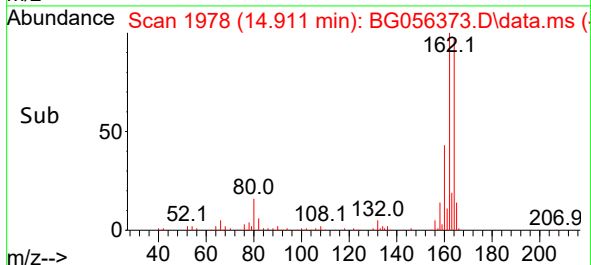
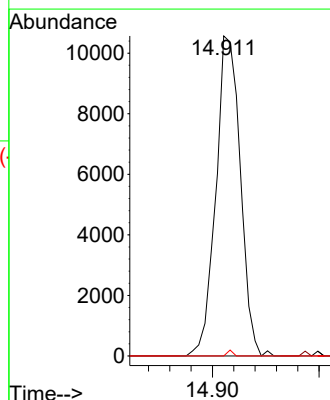
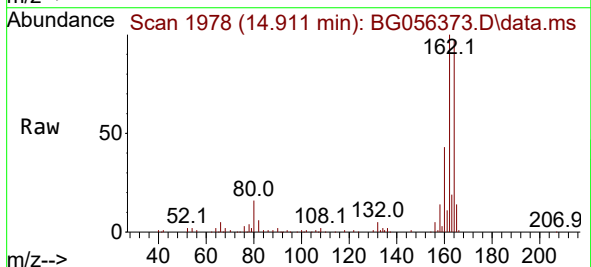
Instrument :
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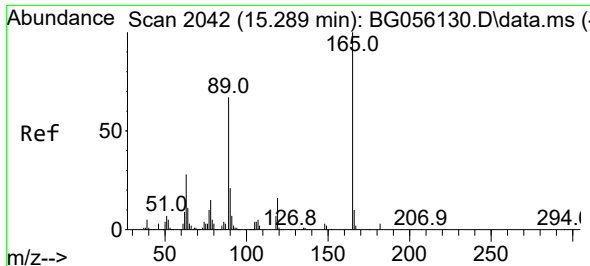
Tgt Ion:172 Resp: 921087
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.600 ng
RT: 14.911 min Scan# 1978
Delta R.T. 0.424 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

Tgt Ion:165 Resp: 16831
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.434 ng

RT: 14.911 min Scan# 14

Delta R.T. -0.364 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

B-P-18B

Tgt Ion:165 Resp: 16831

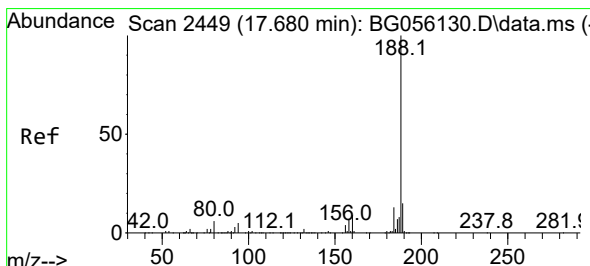
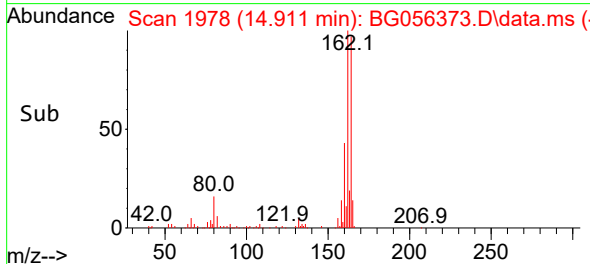
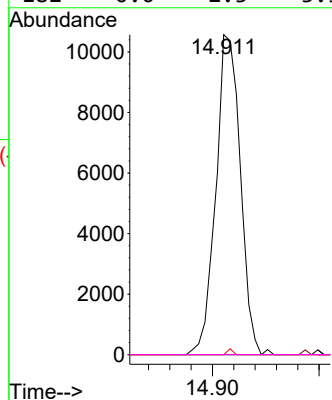
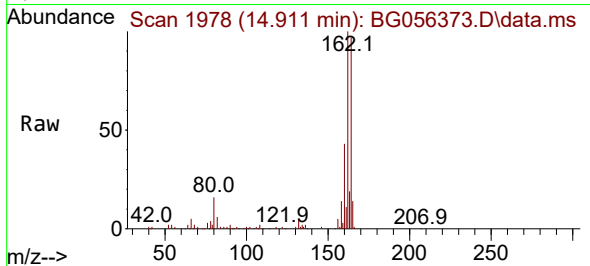
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.654 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

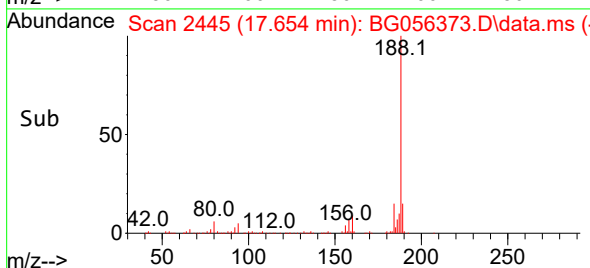
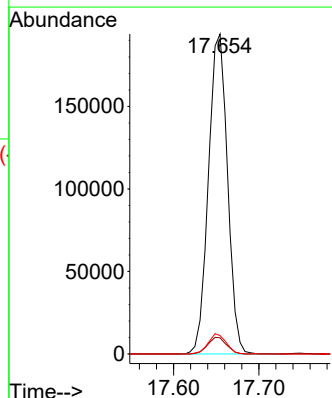
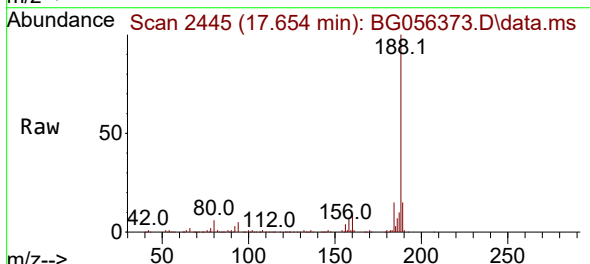
Tgt Ion:188 Resp: 300749

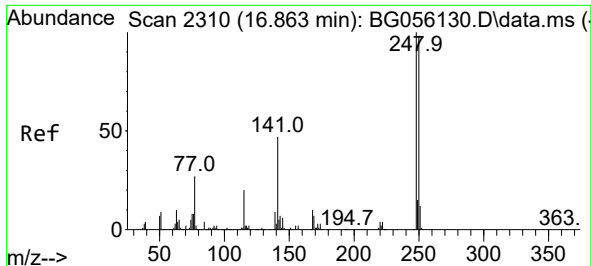
Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

80 5.7 5.0 7.4

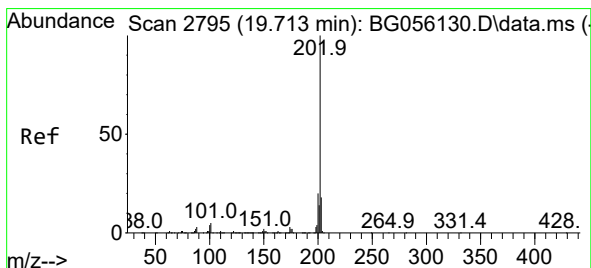
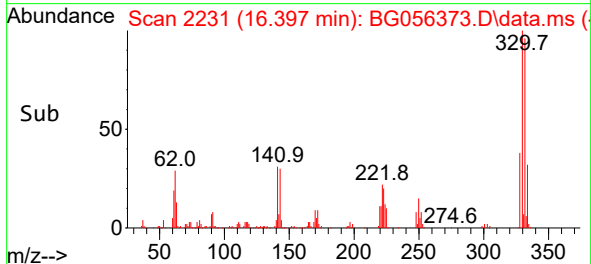
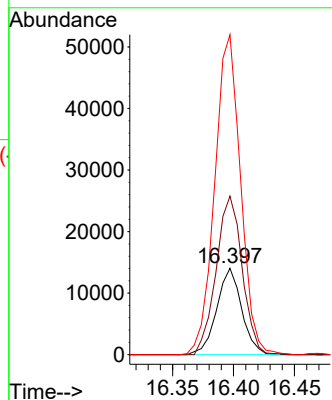
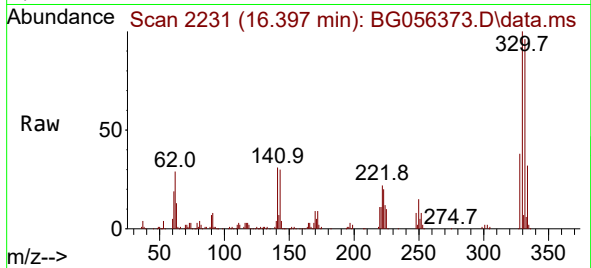




#67
4-Bromophenyl-phenylether
Concen: 5.209 ng
RT: 16.397 min Scan# 211
Delta R.T. -0.440 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

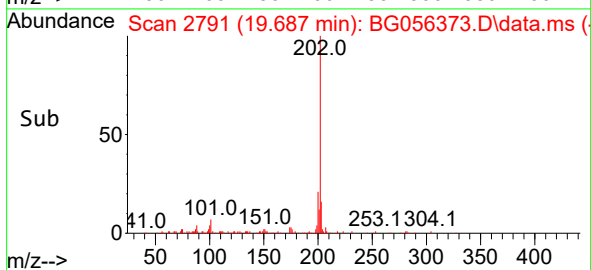
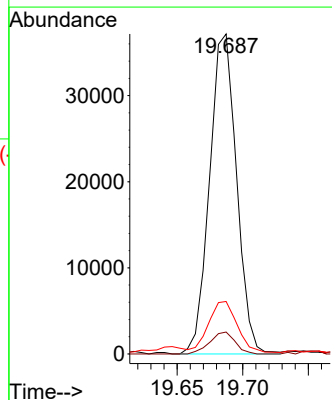
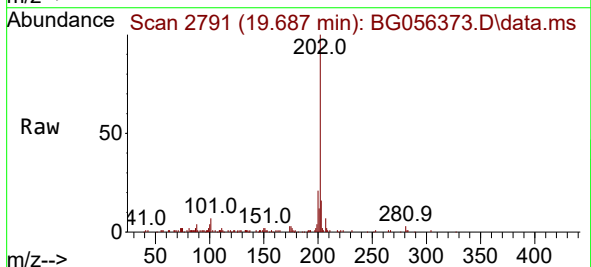
Instrument :
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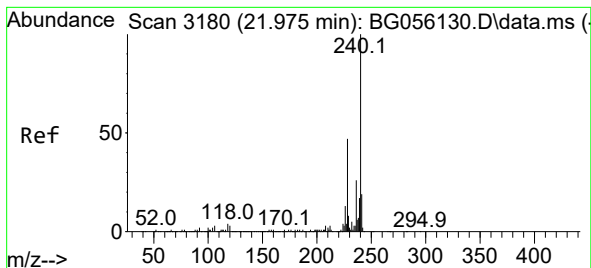
Tgt Ion:248 Resp: 19950
Ion Ratio Lower Upper
248 100
250 183.4 78.2 117.4#
141 370.3 37.6 56.4#



#75
Fluoranthene
Concen: 2.619 ng
RT: 19.687 min Scan# 2791
Delta R.T. -0.005 min
Lab File: BG056373.D
Acq: 20 Jan 2023 18:47

Tgt Ion:202 Resp: 53238
Ion Ratio Lower Upper
202 100
101 6.9 0.0 25.0
203 16.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.944 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

B-P-18B

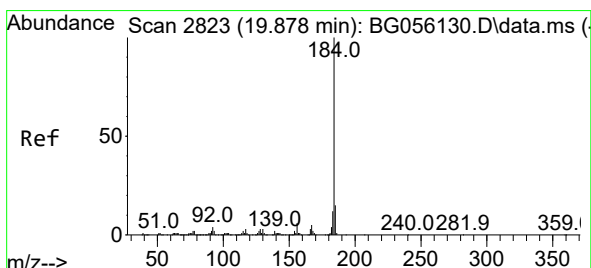
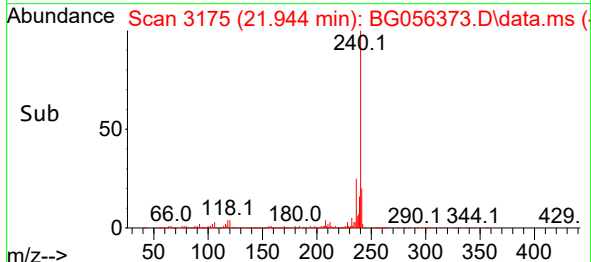
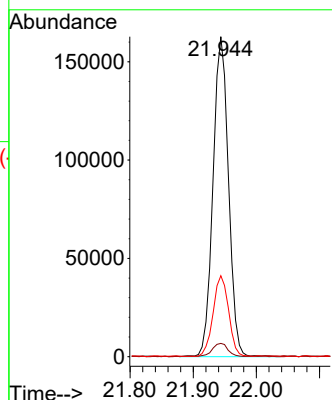
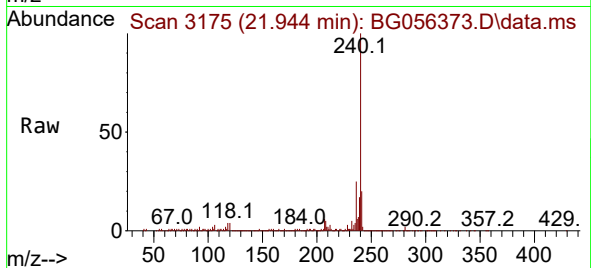
Tgt Ion:240 Resp: 276762

Ion Ratio Lower Upper

240 100

120 4.2 2.6 4.0#

236 25.3 20.8 31.2



#77

Benzidine

Concen: 2.267 ng

RT: 20.228 min Scan# 2883

Delta R.T. 0.371 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

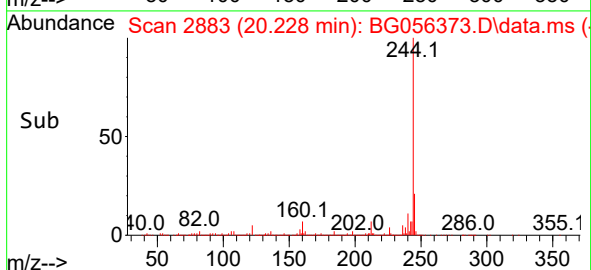
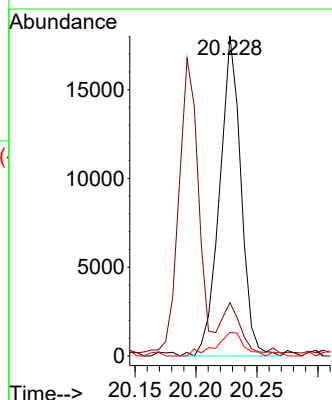
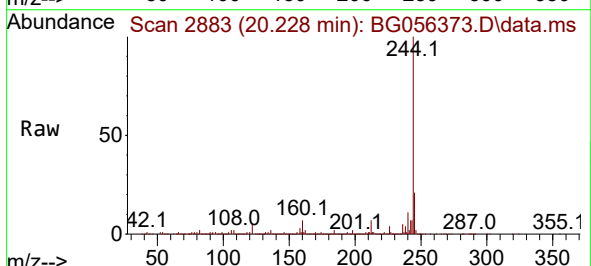
Tgt Ion:184 Resp: 21992

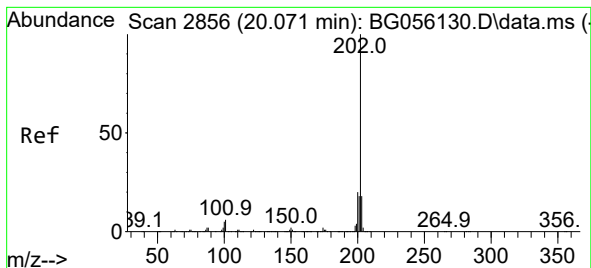
Ion Ratio Lower Upper

184 100

185 16.7 12.2 18.2

183 7.4 9.4 14.0#





#78

Pyrene

Concen: 2.936 ng

RT: 20.046 min Scan# 2852

Delta R.T. -0.005 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

B-P-18B

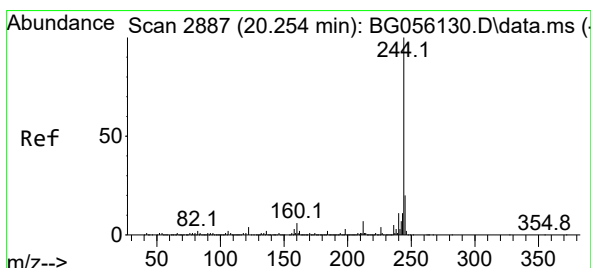
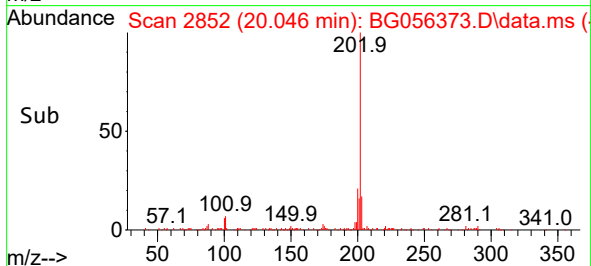
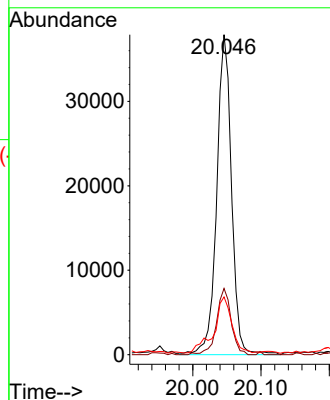
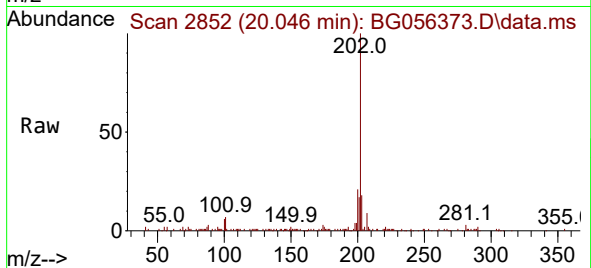
Tgt Ion:202 Resp: 57279

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

203 18.0 14.3 21.5



#79

Terphenyl-d14

Concen: 100.248 ng

RT: 20.228 min Scan# 2883

Delta R.T. -0.005 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

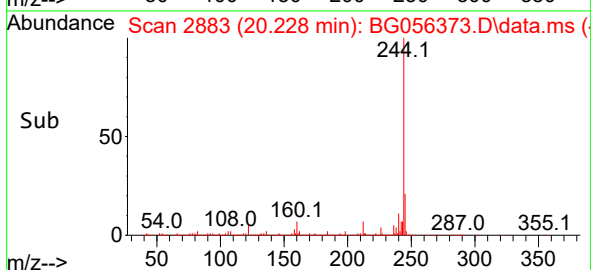
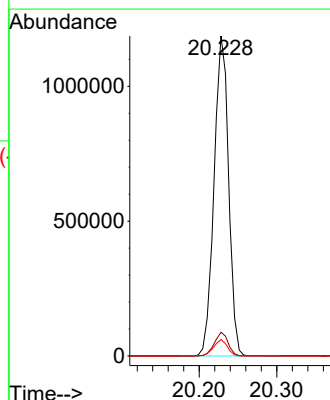
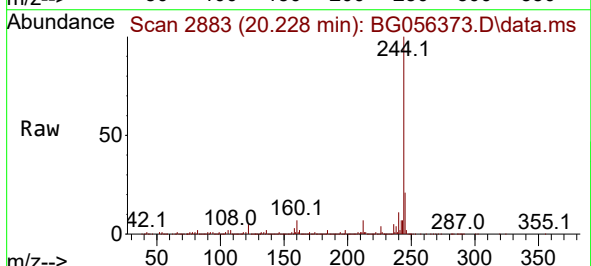
Tgt Ion:244 Resp: 1549088

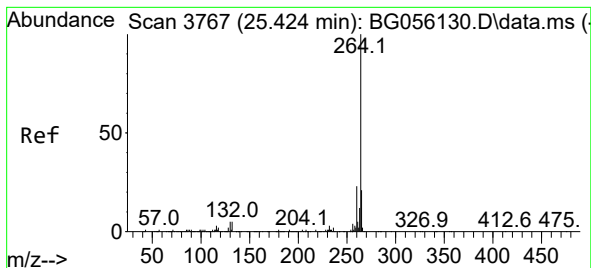
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 5.2 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.387 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

B-P-18B

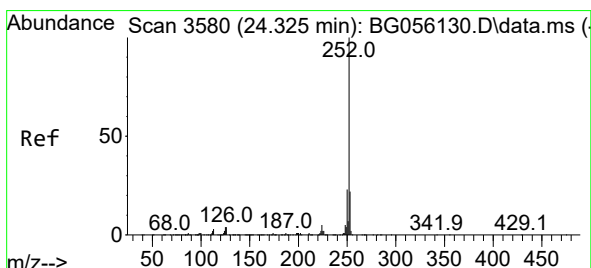
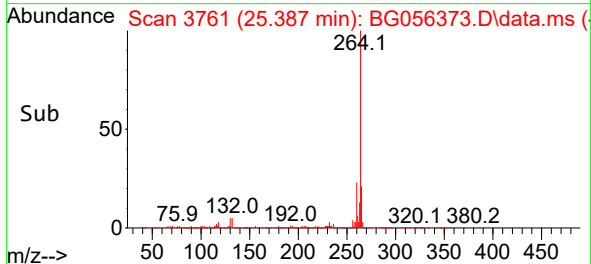
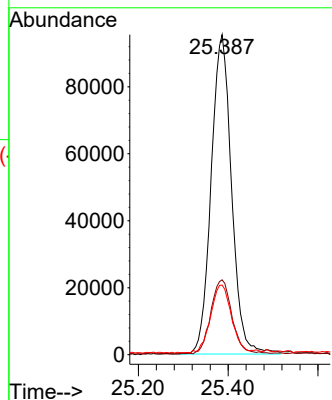
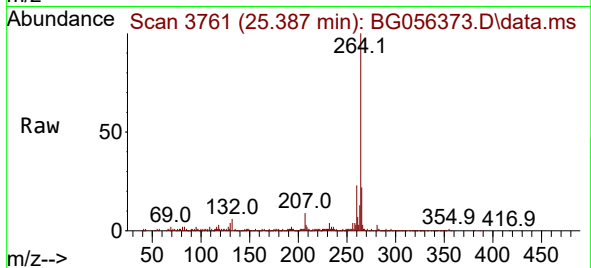
Tgt Ion:264 Resp: 300974

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.875 ng

RT: 24.282 min Scan# 3573

Delta R.T. -0.011 min

Lab File: BG056373.D

Acq: 20 Jan 2023 18:47

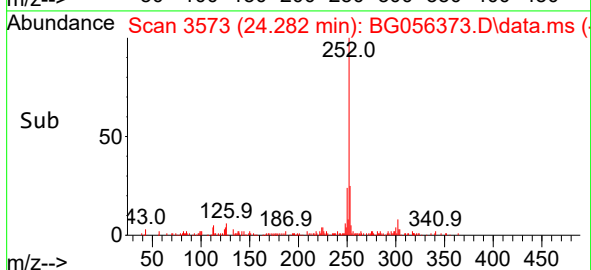
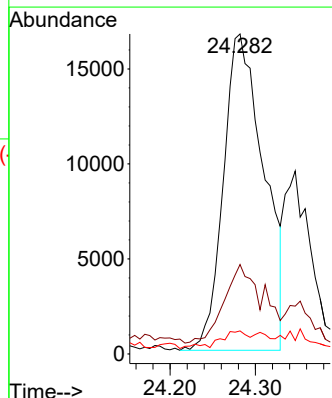
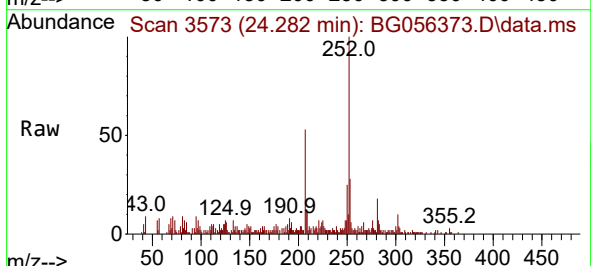
Tgt Ion:252 Resp: 54986

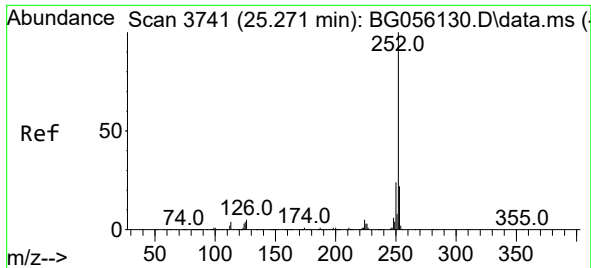
Ion Ratio Lower Upper

252 100

253 27.9 17.4 26.2#

125 7.2 3.0 4.4#





#90

Benzo(a)pyrene

Concen: 2.038 ng

RT: 25.216 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG056373.D

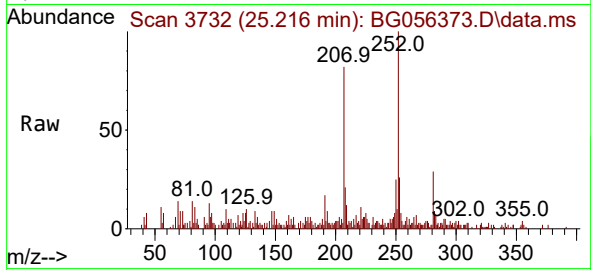
Acq: 20 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

B-P-18B



Tgt Ion:252 Resp: 38017

Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

125 7.8 3.2 4.8#

