

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056153.D
 Acq On : 29 Dec 2022 14:08
 Operator : CG/JU
 Sample : N6220-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Dec 30 04:05:28 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)

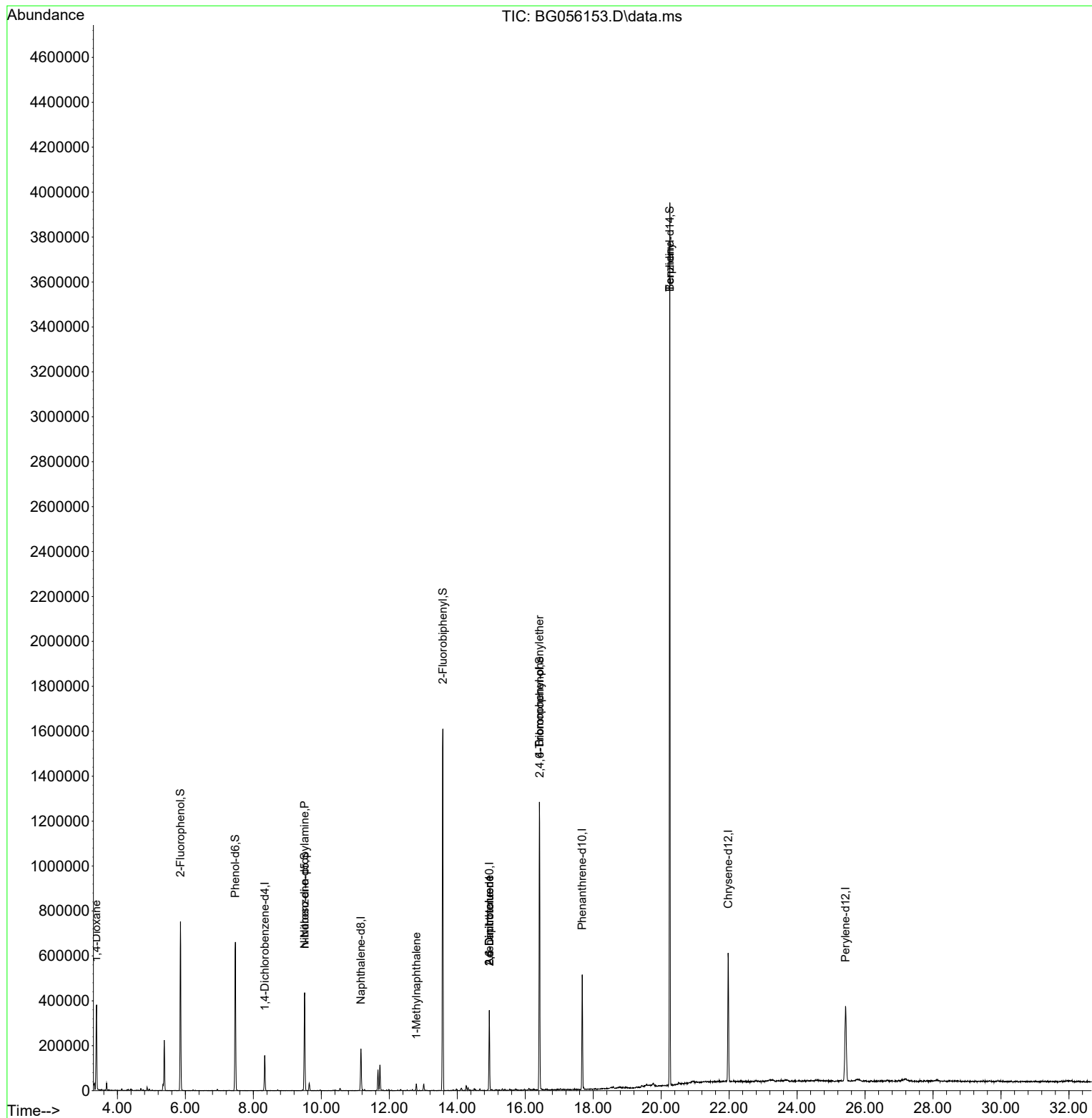
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	48760	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	171184	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	132533	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	364085	20.000	ng	0.00
76) Chrysene-d12	21.972	240	395037	20.000	ng	# 0.00
86) Perylene-d12	25.427	264	417775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	403852	147.883	ng	0.00
7) Phenol-d6	7.471	99	504650	120.330	ng	0.00
23) Nitrobenzene-d5	9.510	82	312557	93.395	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	265763	158.333	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	932336	97.143	ng	0.00
79) Terphenyl-d14	20.256	244	2108317	95.589	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	5854	4.693	ng	# 1
19) n-Nitroso-di-n-propyla...	9.510	70	38953	15.274	ng	# 73
38) 1-Methylnaphthalene	12.800	142	15077	2.134	ng	94
51) 2,6-Dinitrotoluene	14.945	165	17570	7.707	ng	# 32
57) 2,4-Dinitrotoluene	14.945	165	17570	5.511	ng	# 29
67) 4-Bromophenyl-phenylether	16.420	248	22926	4.945	ng	# 1
77) Benzidine	20.256	184	30587	2.209	ng	# 93

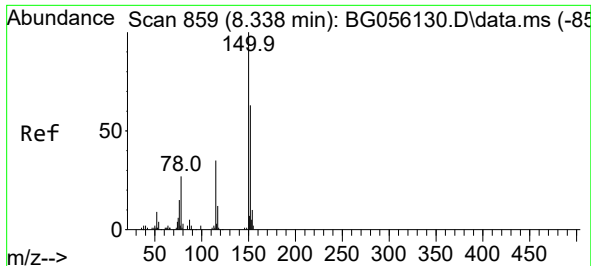
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
Data File : BG056153.D
Acq On : 29 Dec 2022 14:08
Operator : CG/JU
Sample : N6220-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Dec 30 04:05:28 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

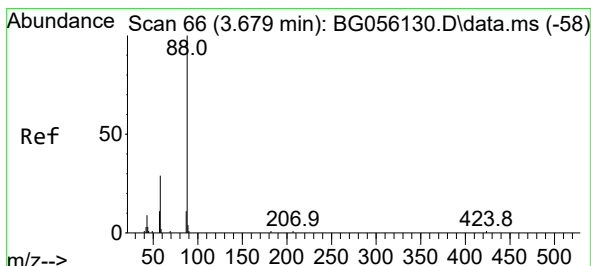
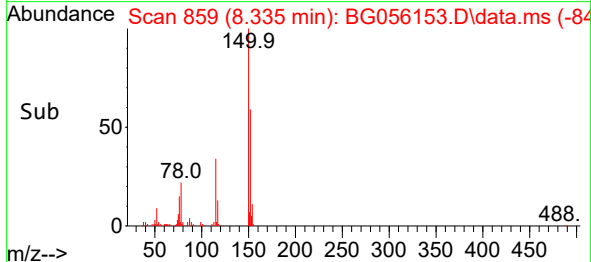
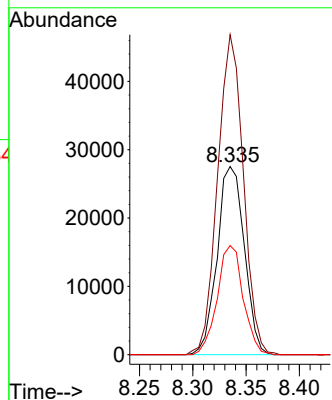
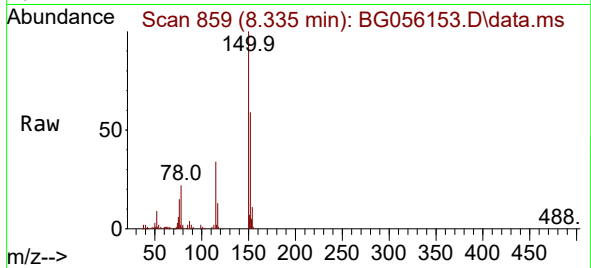




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.335 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056153.D
 Acq: 29 Dec 2022 14:08

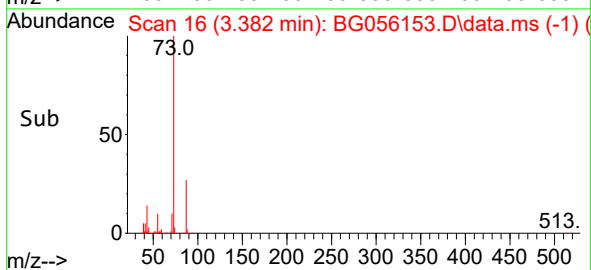
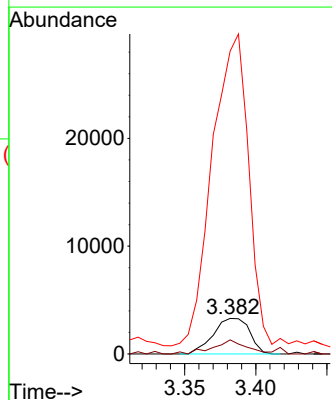
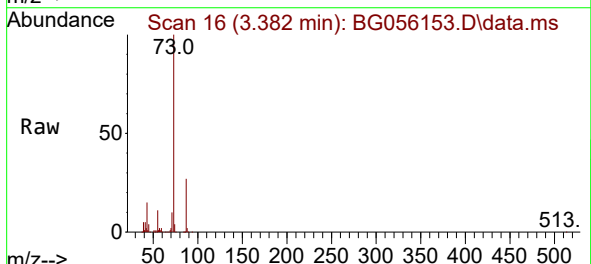
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

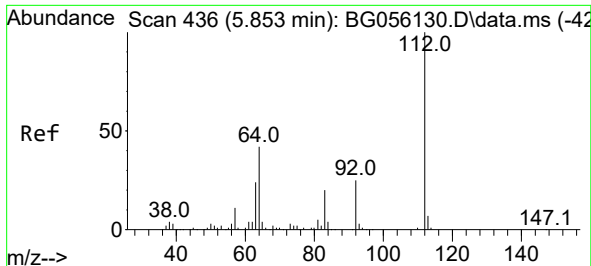
Tgt Ion:152 Resp: 48760
 Ion Ratio Lower Upper
 152 100
 150 170.0 127.9 191.9
 115 58.0 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.693 ng
 RT: 3.382 min Scan# 16
 Delta R.T. -0.297 min
 Lab File: BG056153.D
 Acq: 29 Dec 2022 14:08

Tgt Ion: 88 Resp: 5854
 Ion Ratio Lower Upper
 88 100
 58 35.2 21.4 32.0#
 43 896.9 7.1 10.7#

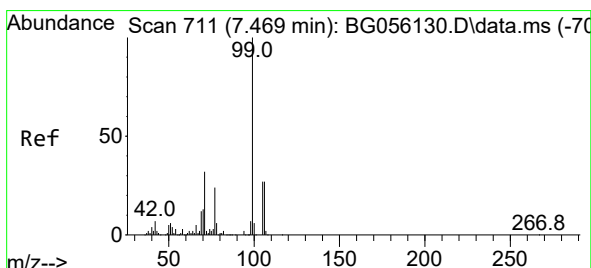
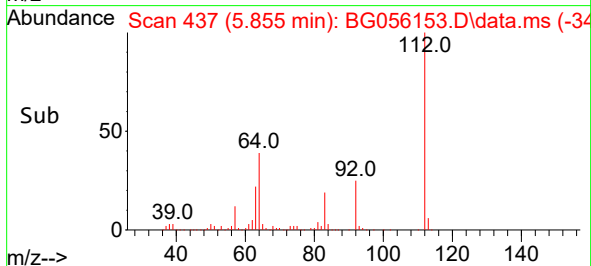
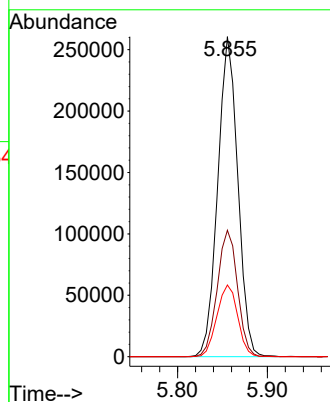
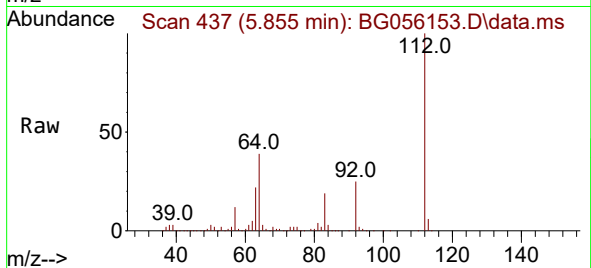




#5
2-Fluorophenol
Concen: 147.883 ng
RT: 5.855 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

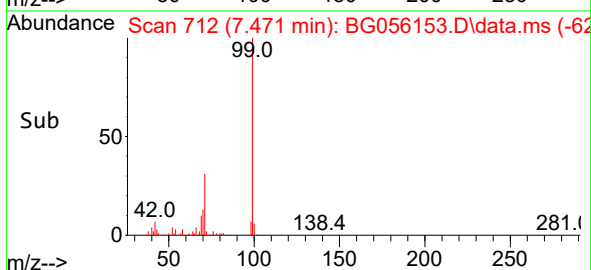
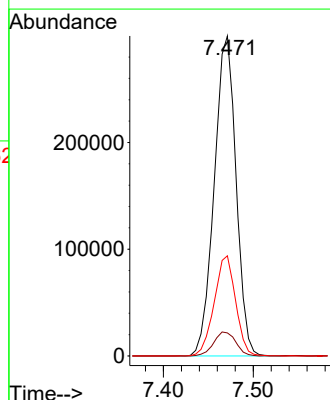
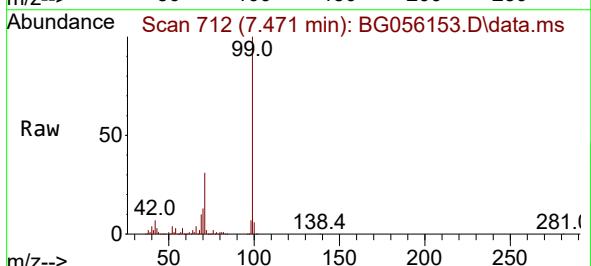
Instrument :
BNA_G
ClientSampleId :
TP-1

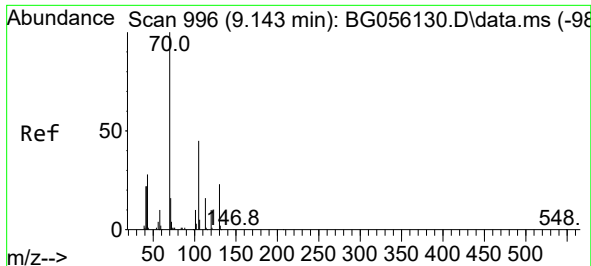
Tgt Ion:112 Resp: 403852
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 22.4 19.0 28.4



#7
Phenol-d6
Concen: 120.330 ng
RT: 7.471 min Scan# 712
Delta R.T. 0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Tgt Ion: 99 Resp: 504650
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 31.3 25.4 38.2

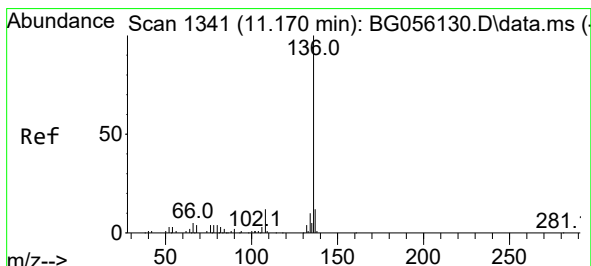
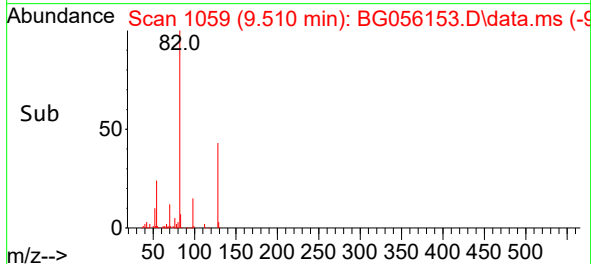
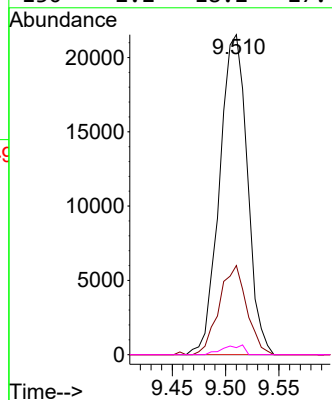
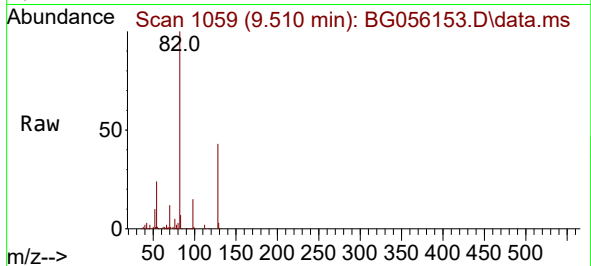




#19
n-Nitroso-di-n-propylamine
Concen: 15.274 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.367 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

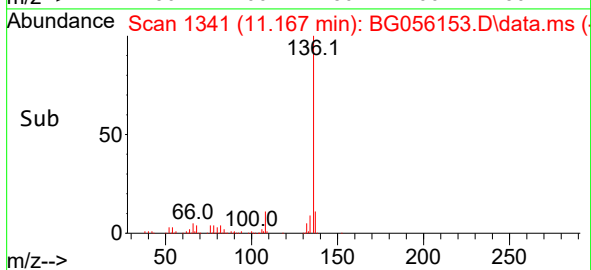
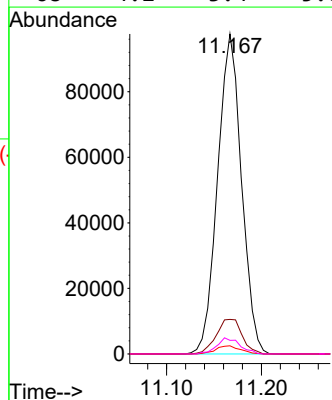
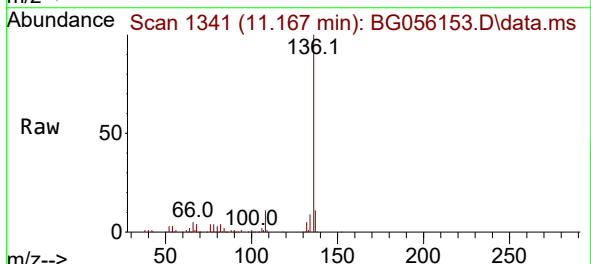
Instrument :
BNA_G
ClientSampleId :
TP-1

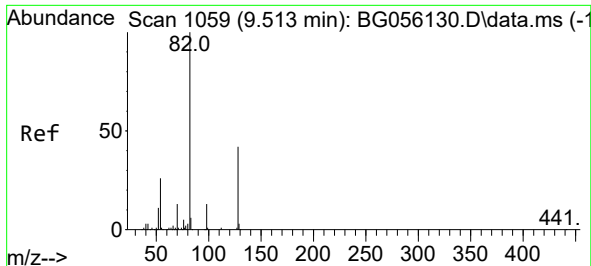
Tgt Ion: 70 Resp: 38953
Ion Ratio Lower Upper
70 100
42 27.9 18.2 27.2#
101 0.0 8.3 12.5#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Tgt Ion: 136 Resp: 171184
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.5 2.2 3.2
68 4.2 3.4 5.0

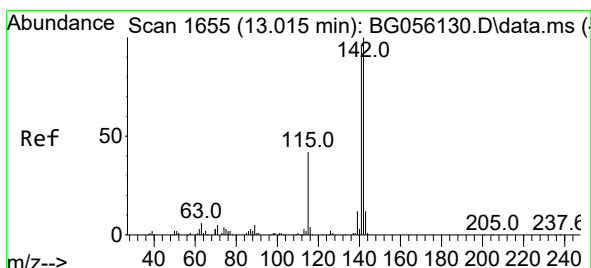
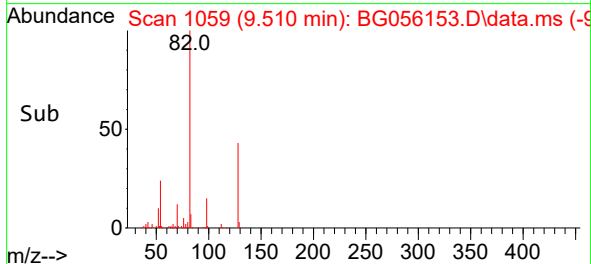
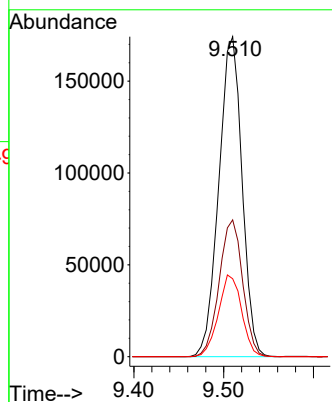
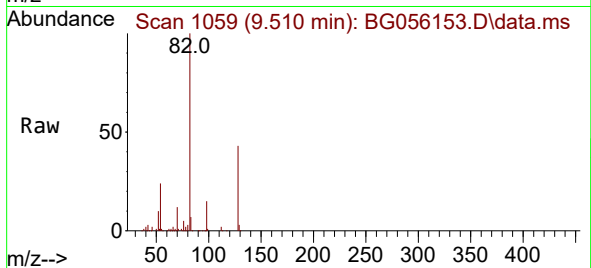




#23
Nitrobenzene-d5
Concen: 93.395 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

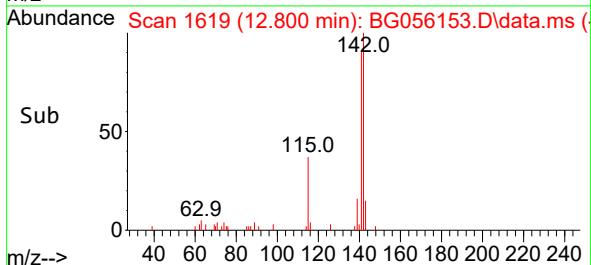
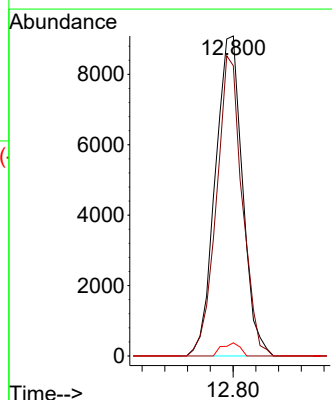
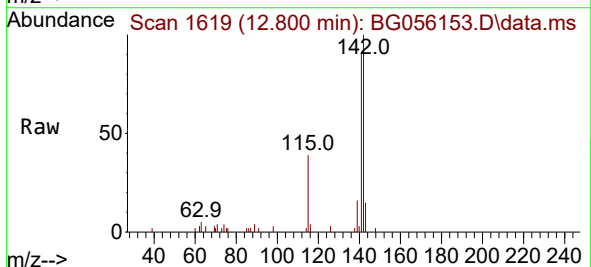
Instrument :
BNA_G
ClientSampleId :
TP-1

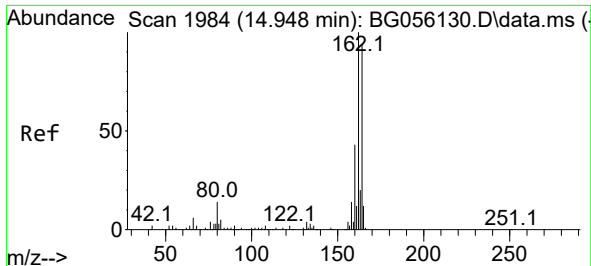
Tgt Ion: 82 Resp: 312557
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.2
54 24.3 20.3 30.5



#38
1-Methylnaphthalene
Concen: 2.134 ng
RT: 12.800 min Scan# 1619
Delta R.T. -0.215 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Tgt Ion: 142 Resp: 15077
Ion Ratio Lower Upper
142 100
141 90.7 77.0 115.6
116 4.1 3.6 5.4

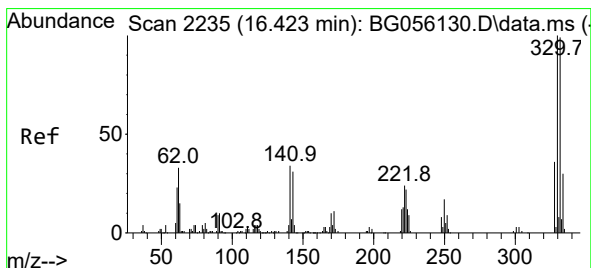
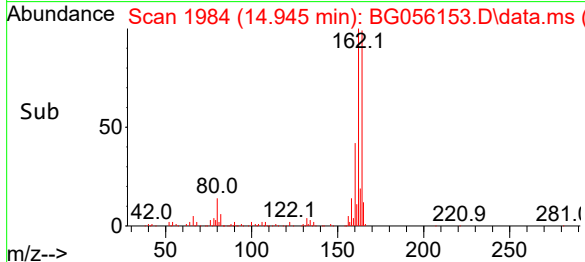
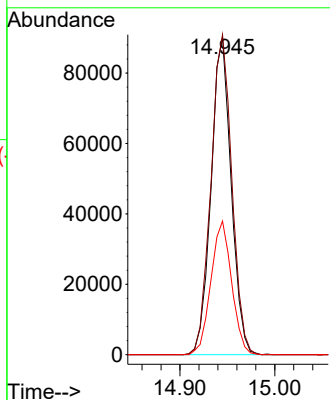
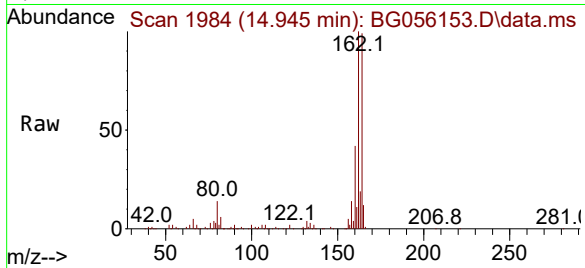




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

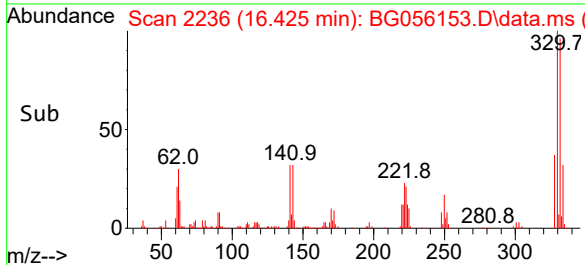
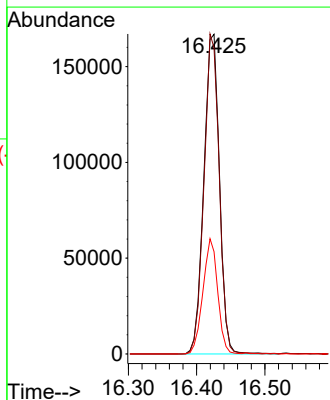
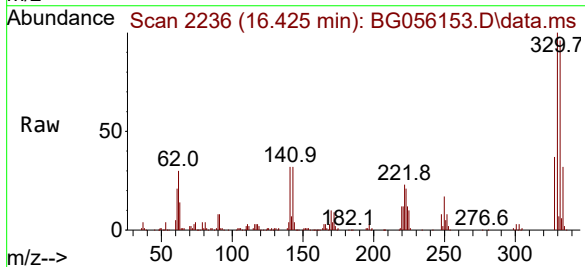
Instrument :
BNA_G
ClientSampleId :
TP-1

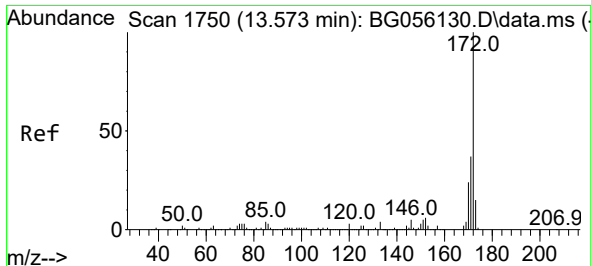
Tgt Ion:164 Resp: 132533
Ion Ratio Lower Upper
164 100
162 100.7 84.7 127.1
160 42.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 158.333 ng
RT: 16.425 min Scan# 2236
Delta R.T. 0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Tgt Ion:330 Resp: 265763
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 34.1 27.9 41.9

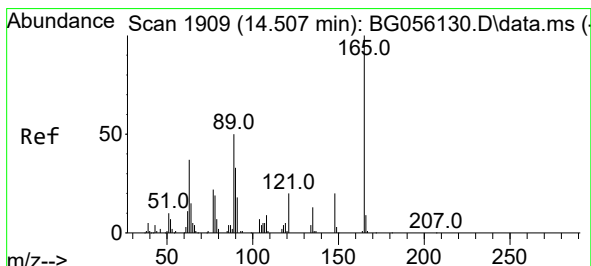
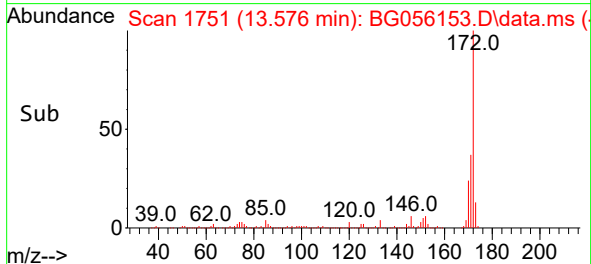
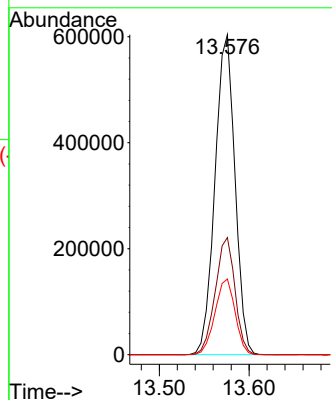
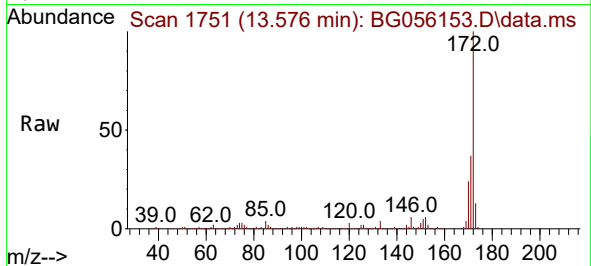




#45
2-Fluorobiphenyl
Concen: 97.143 ng
RT: 13.576 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

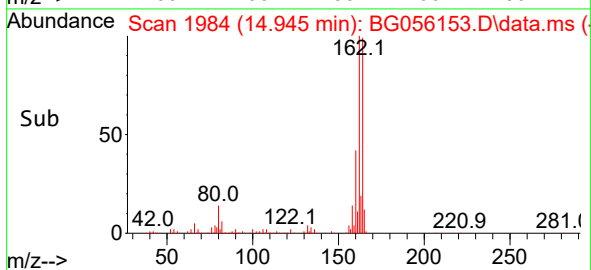
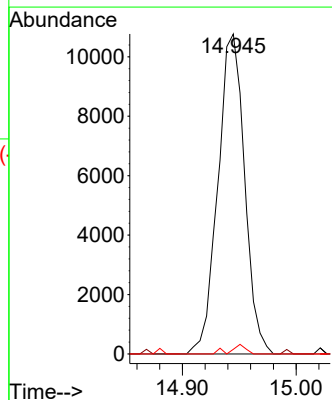
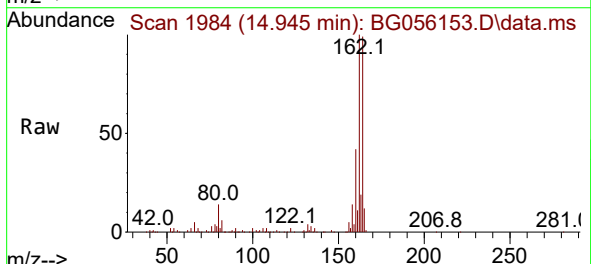
Instrument :
BNA_G
ClientSampleId :
TP-1

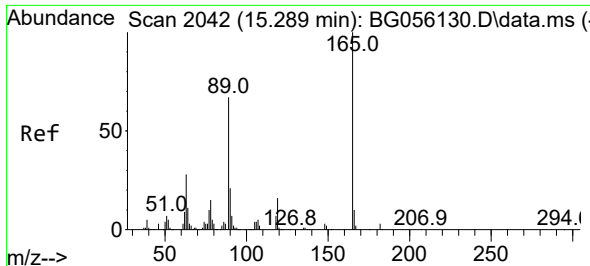
Tgt Ion:172 Resp: 932336
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.7 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.707 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.437 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Tgt Ion:165 Resp: 17570
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.5 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.511 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.344 min

Lab File: BG056153.D

Acq: 29 Dec 2022 14:08

Instrument :

BNA_G

ClientSampleId :

TP-1

Tgt Ion:165 Resp: 17570

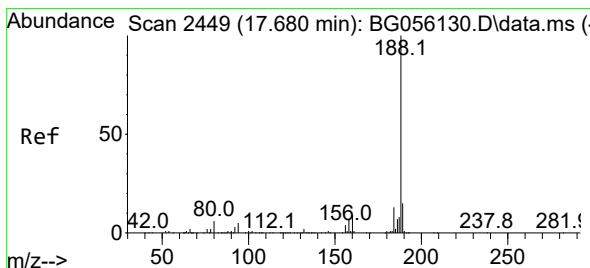
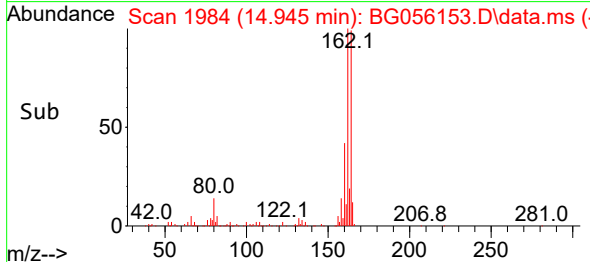
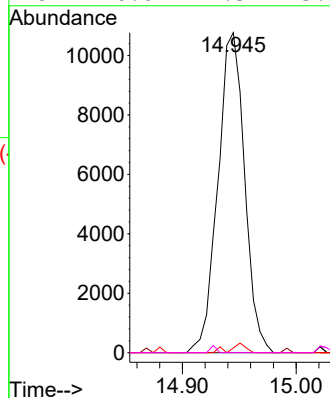
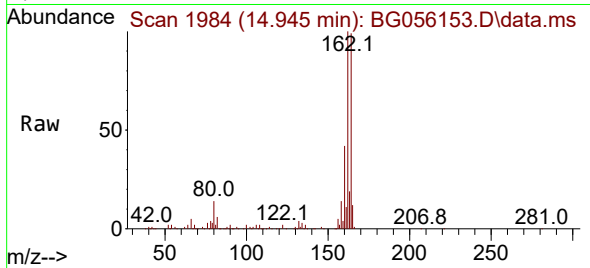
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.5 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG056153.D

Acq: 29 Dec 2022 14:08

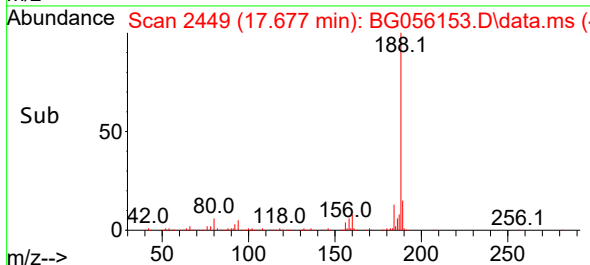
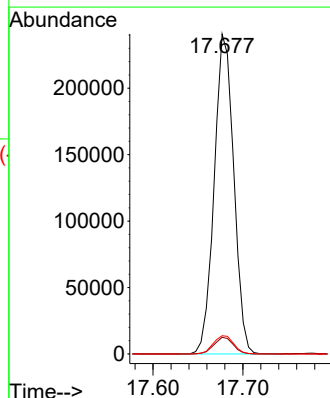
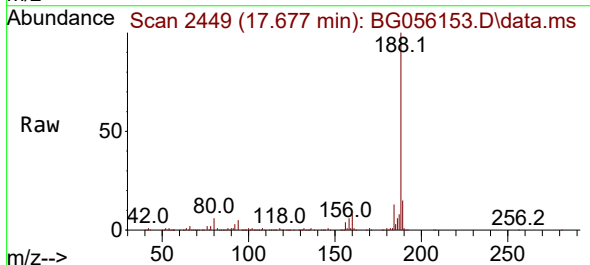
Tgt Ion:188 Resp: 364085

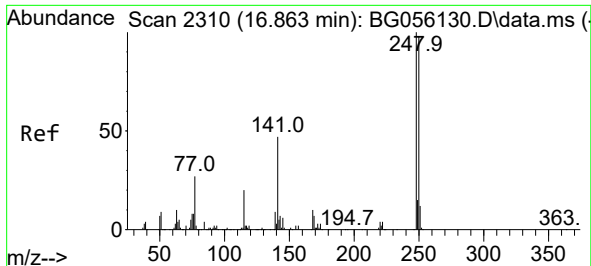
Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 5.7 5.0 7.4

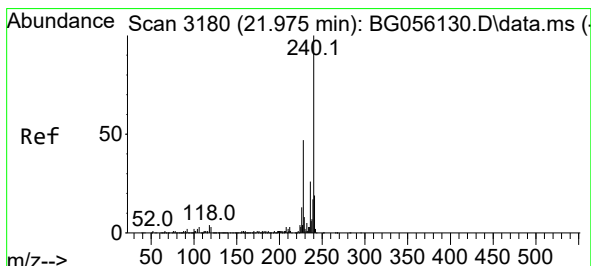
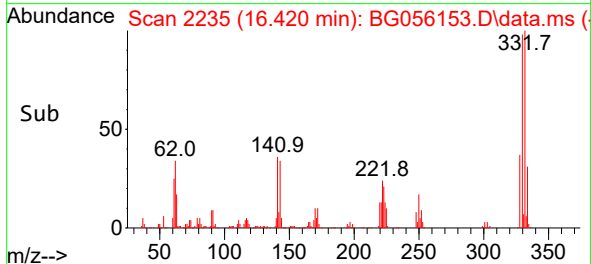
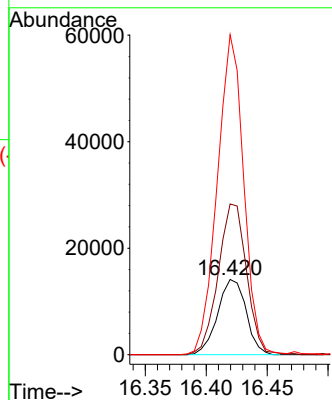
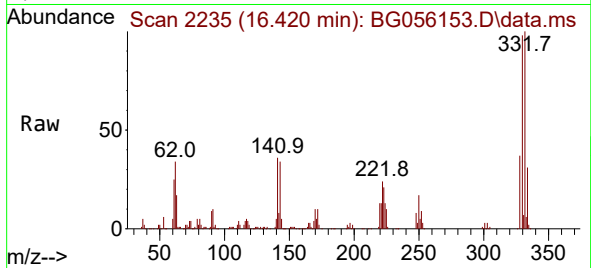




#67
4-Bromophenyl-phenylether
Concen: 4.945 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

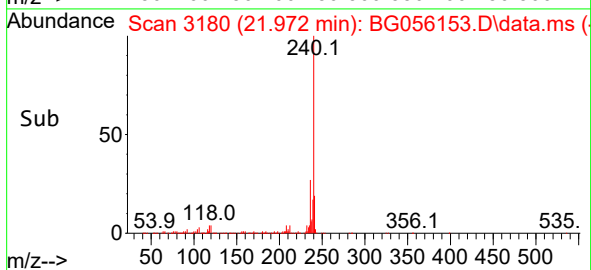
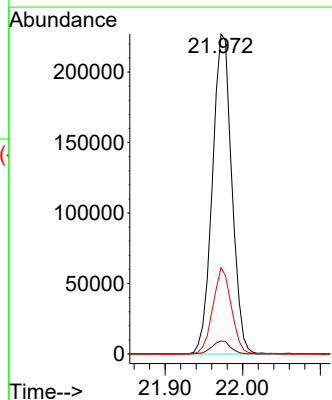
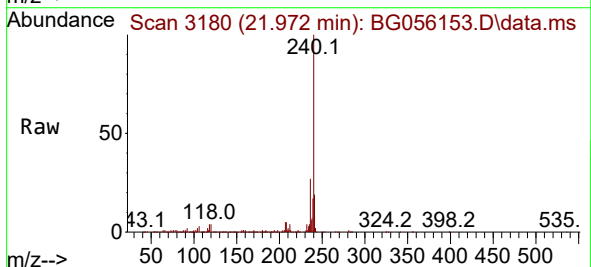
Instrument :
BNA_G
ClientSampleId :
TP-1

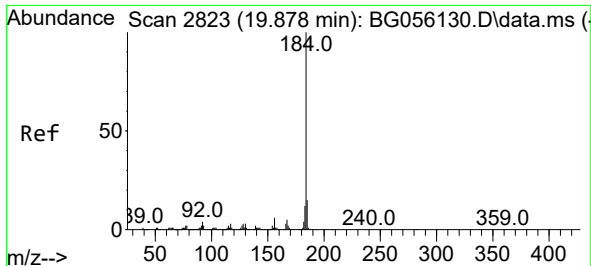
Tgt Ion:248 Resp: 22926
Ion Ratio Lower Upper
248 100
250 200.4 78.2 117.4#
141 425.5 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Tgt Ion:240 Resp: 395037
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 26.9 20.8 31.2

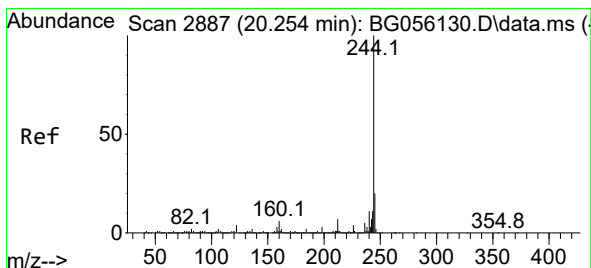
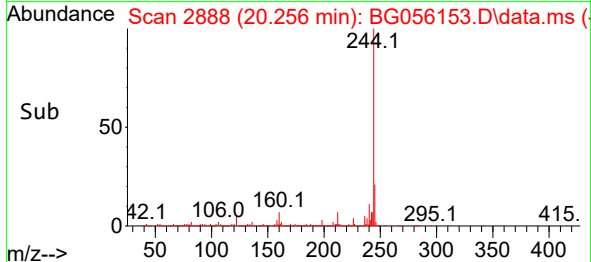
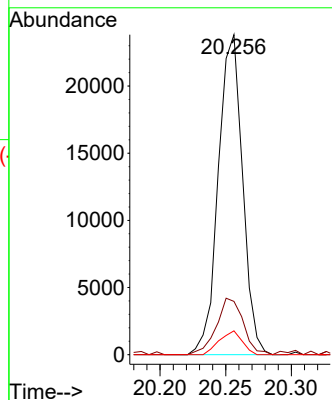
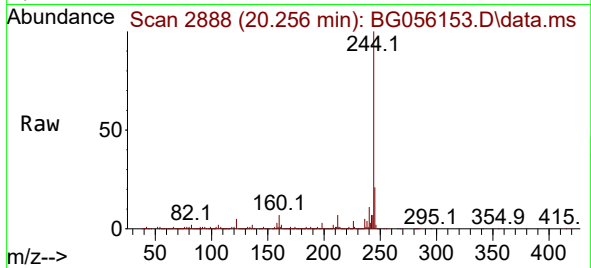




#77
Benzidine
Concen: 2.209 ng
RT: 20.256 min Scan# 2888
Delta R.T. 0.379 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

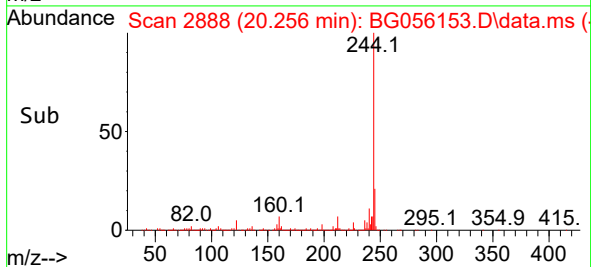
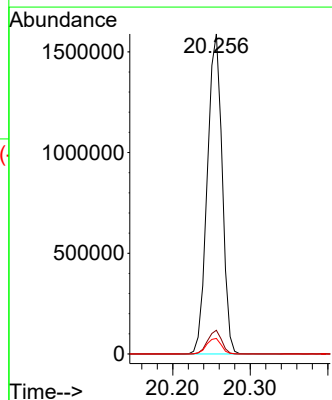
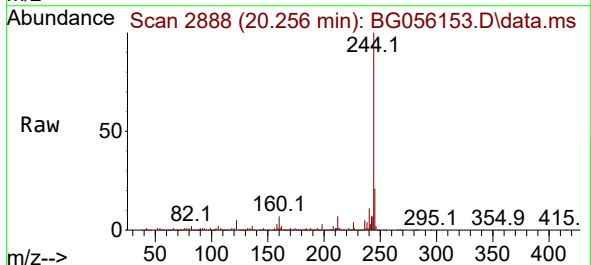
Instrument :
BNA_G
ClientSampleId :
TP-1

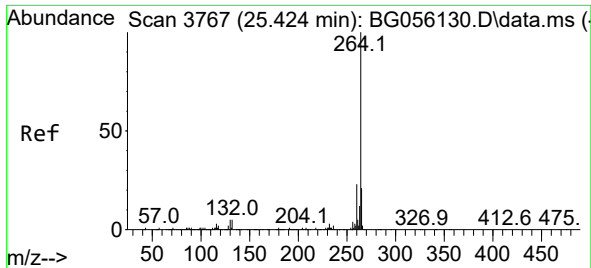
Tgt Ion:184 Resp: 30587
Ion Ratio Lower Upper
184 100
185 16.6 12.2 18.2
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 95.589 ng
RT: 20.256 min Scan# 2888
Delta R.T. 0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

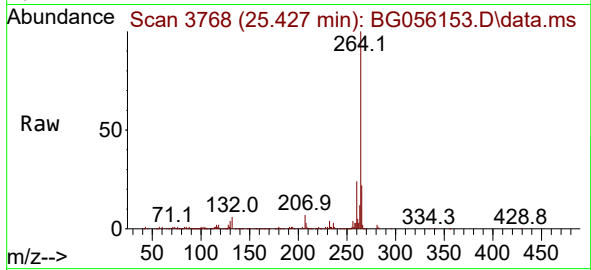
Tgt Ion:244 Resp: 2108317
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 4.9 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.427 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056153.D
Acq: 29 Dec 2022 14:08

Instrument :
BNA_G
ClientSampleId :
TP-1



Tgt Ion:264 Resp: 417775

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	16.7	25.1

