

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056067.D
 Acq On : 22 Dec 2022 18:18
 Operator : CG/JU
 Sample : PB149663BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149663BL

Quant Time: Dec 23 05:19:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

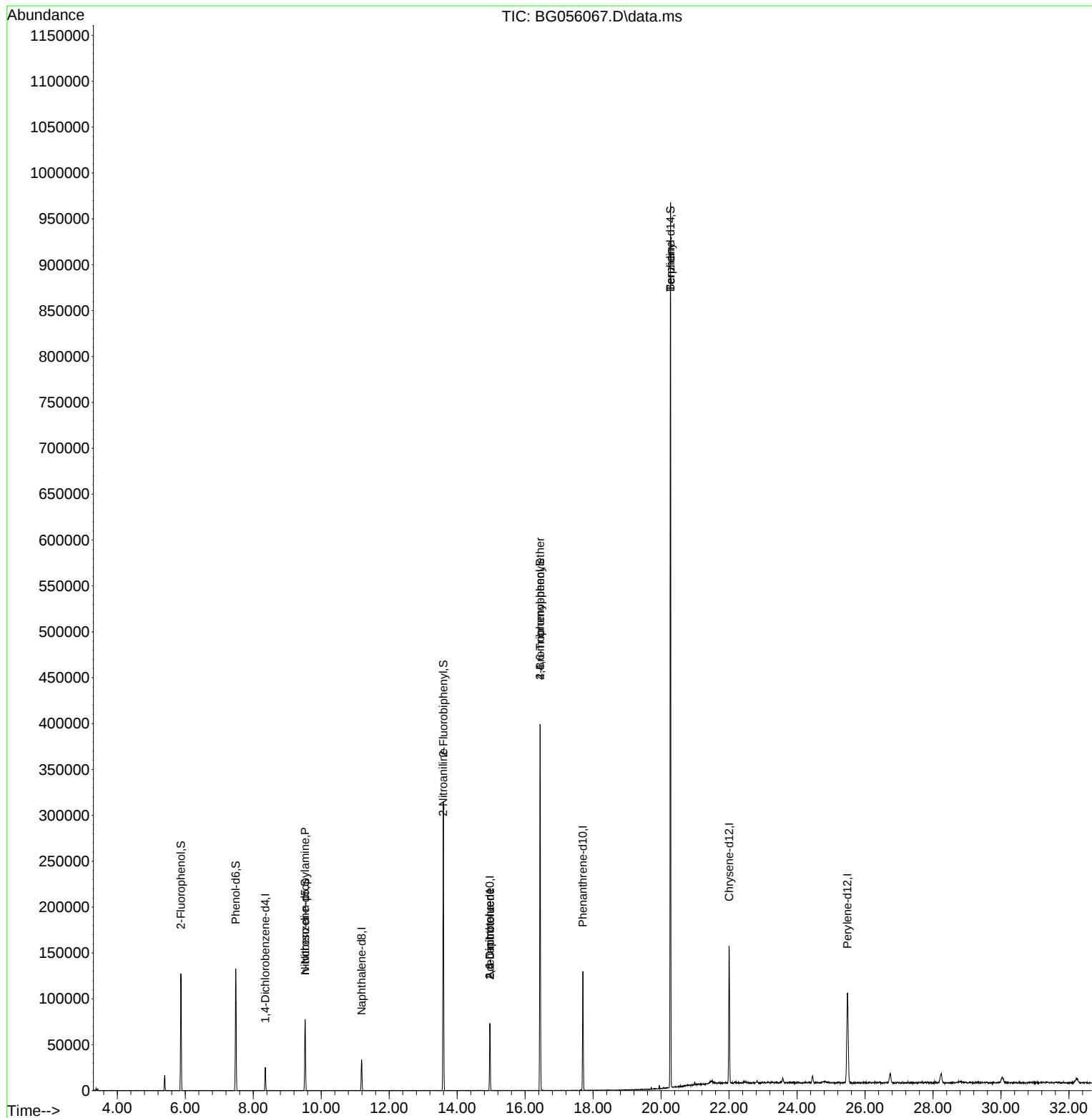
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	7652	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	30404	20.000	ng	# 0.00
39) Acenaphthene-d10	14.960	164	29965	20.000	ng	0.00
64) Phenanthrene-d10	17.698	188	93225	20.000	ng	# 0.00
76) Chrysene-d12	21.999	240	112813	20.000	ng	#-0.01
86) Perylene-d12	25.483	264	121209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	50223	153.923	ng	0.00
7) Phenol-d6	7.487	99	63708	151.812	ng	0.00
23) Nitrobenzene-d5	9.525	82	41980	96.489	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	105264	145.685	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	167355	78.329	ng	0.00
79) Terphenyl-d14	20.278	244	529025	82.880	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.525	70	6172	20.519	ng	# 64
48) 2-Nitroaniline	13.585	65	74	3.029	ng	# 1
51) 2,6-Dinitrotoluene	14.960	165	3892	9.708	ng	# 25
57) 2,4-Dinitrotoluene	14.960	165	3892	6.431	ng	# 35
67) 4-Bromophenyl-phenylether	16.441	248	5848	4.281	ng	# 1
77) Benzidine	20.278	184	8102	4.089	ng	# 84

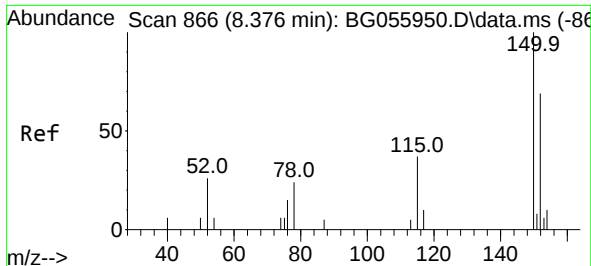
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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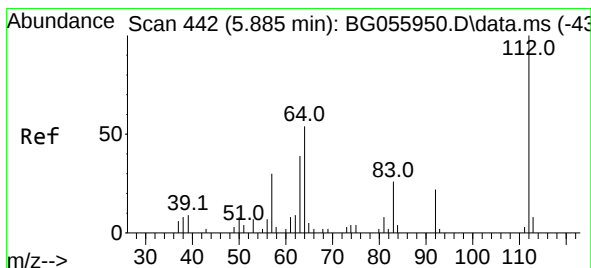
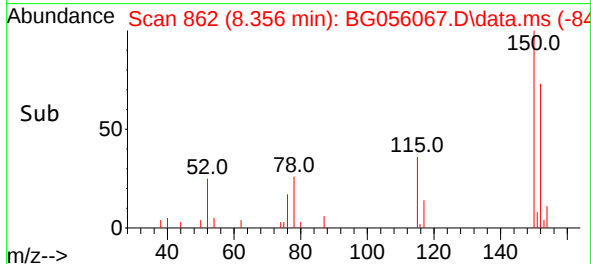
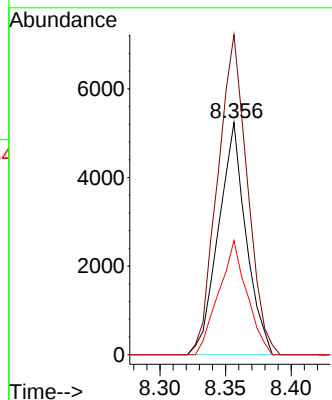
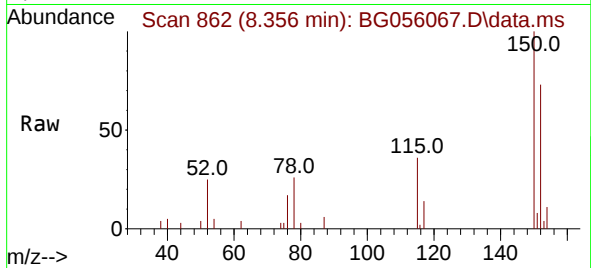




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

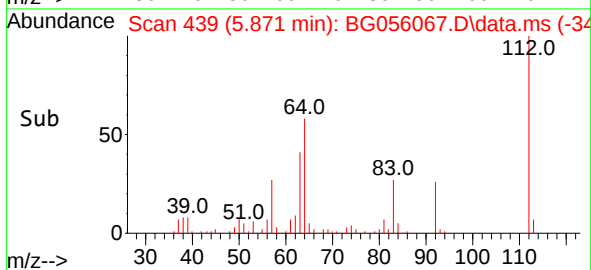
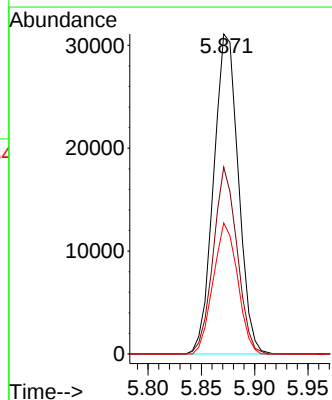
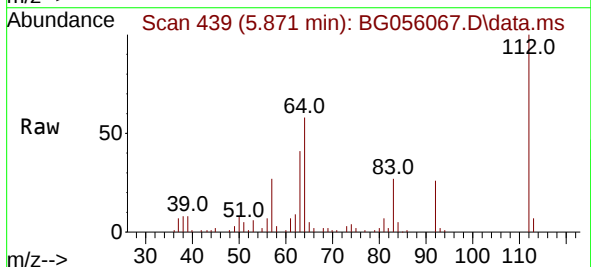
Instrument :
BNA_G
ClientSampleId :
PB149663BL

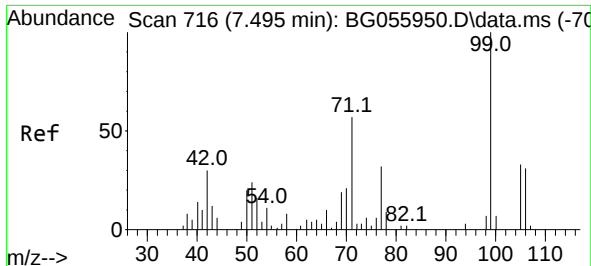
Tgt Ion:152 Resp: 7652
Ion Ratio Lower Upper
152 100
150 137.9 115.7 173.5
115 49.1 43.0 64.4



#5
2-Fluorophenol
Concen: 153.923 ng
RT: 5.871 min Scan# 439
Delta R.T. 0.003 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

Tgt Ion:112 Resp: 50223
Ion Ratio Lower Upper
112 100
64 58.4 43.0 64.4
63 40.9 31.4 47.2

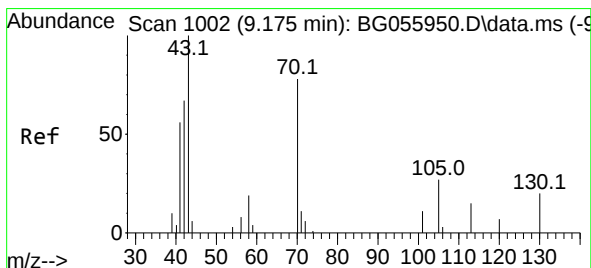
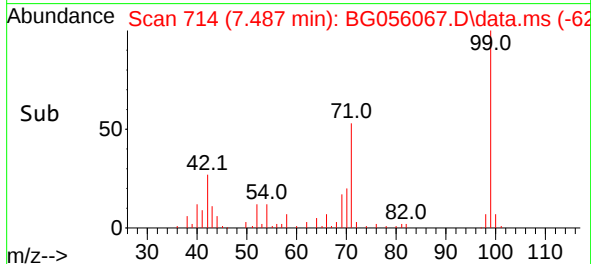
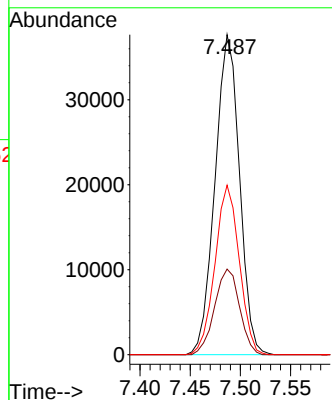
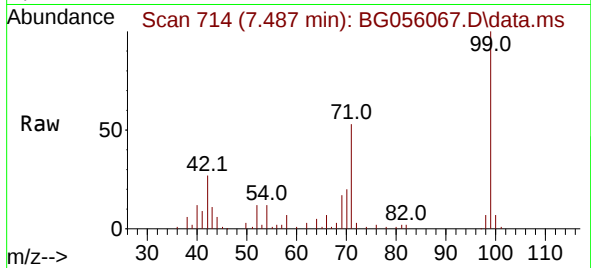




#7
Phenol-d6
Concen: 151.812 ng
RT: 7.487 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

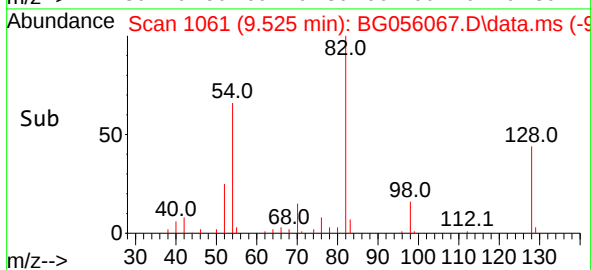
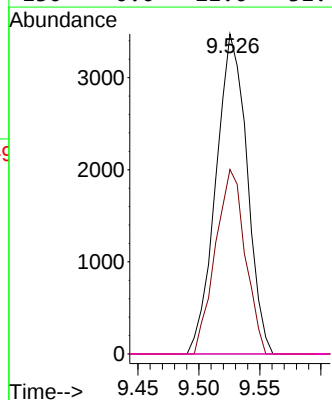
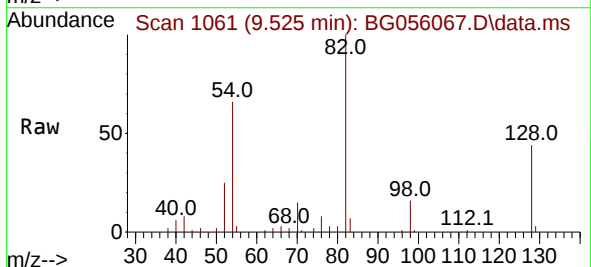
Instrument :
BNA_G
ClientSampleId :
PB149663BL

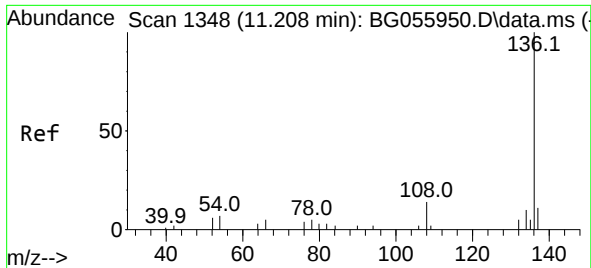
Tgt Ion: 99 Resp: 63708
Ion Ratio Lower Upper
99 100
42 26.7 24.3 36.5
71 53.0 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.519 ng
RT: 9.525 min Scan# 1061
Delta R.T. 0.368 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

Tgt Ion: 70 Resp: 6172
Ion Ratio Lower Upper
70 100
42 57.7 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

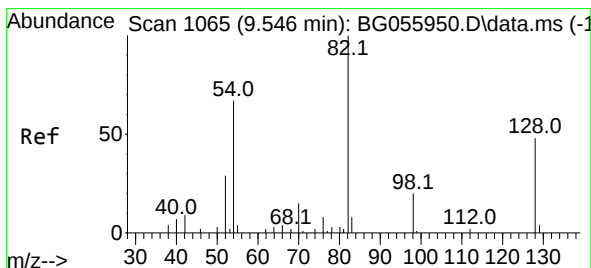
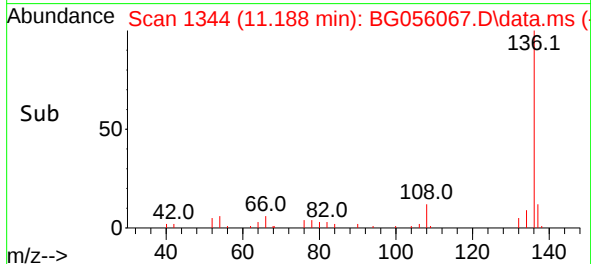
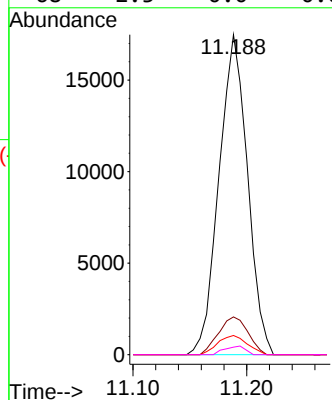
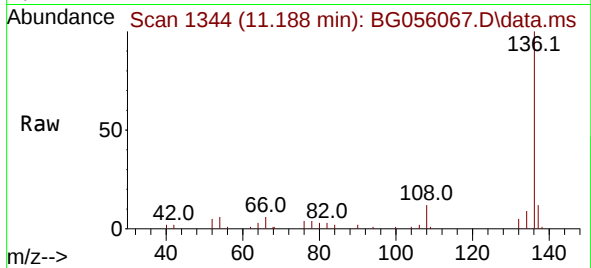




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

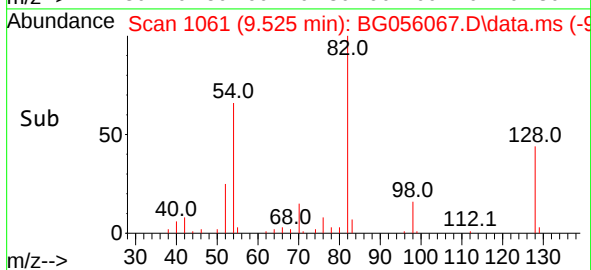
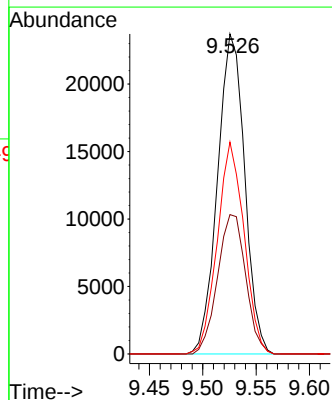
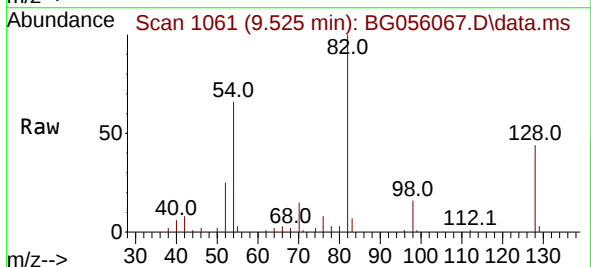
Instrument :
BNA_G
ClientSampleId :
PB149663BL

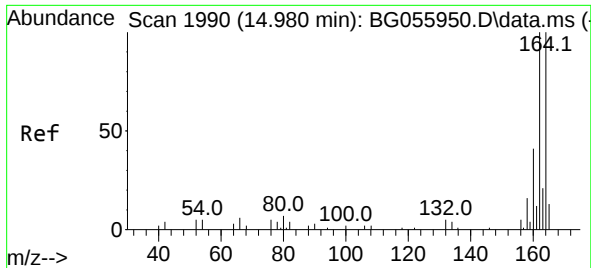
Tgt Ion:	136	Resp:	30404
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	6.0	5.6	8.4
68	2.3	0.0	0.0



#23
Nitrobenzene-d5
Concen: 96.489 ng
RT: 9.525 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

Tgt Ion:	82	Resp:	41980
Ion Ratio	Lower	Upper	
82	100		
128	43.6	38.4	57.6
54	66.2	53.3	79.9

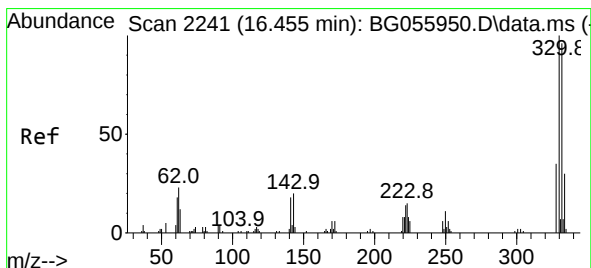
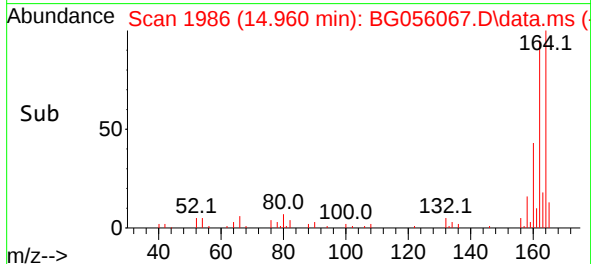
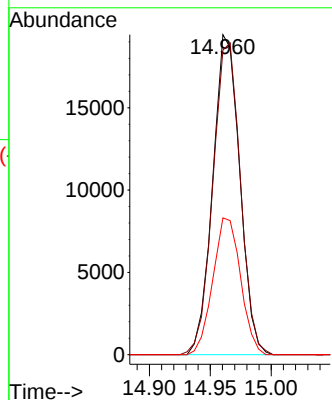
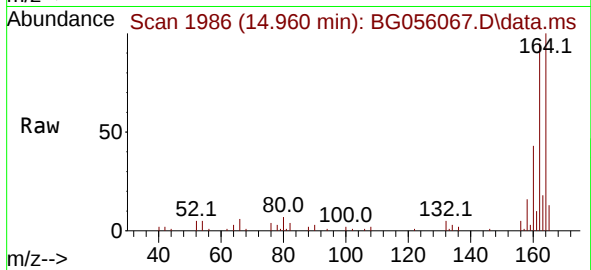




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.960 min Scan# 1990
 Delta R.T. -0.008 min
 Lab File: BG056067.D
 Acq: 22 Dec 2022 18:18

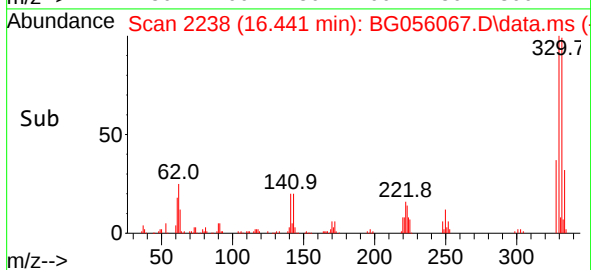
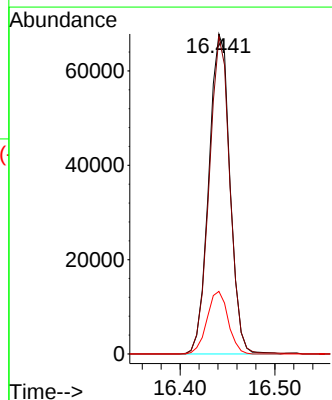
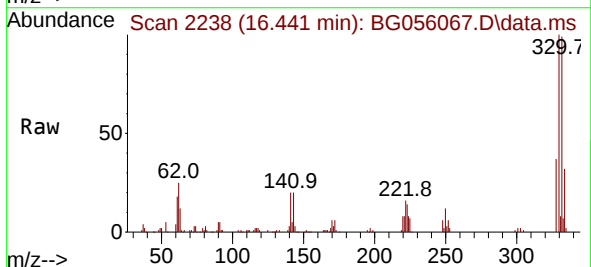
Instrument :
 BNA_G
 ClientSampleId :
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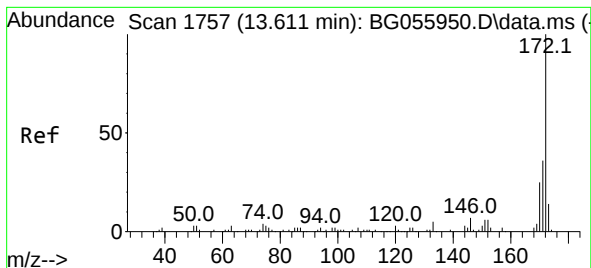
Tgt Ion:164 Resp: 29965
 Ion Ratio Lower Upper
 164 100
 162 95.1 79.8 119.8
 160 42.7 33.0 49.4



#42
 2,4,6-Tribromophenol
 Concen: 145.685 ng
 RT: 16.441 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BG056067.D
 Acq: 22 Dec 2022 18:18

Tgt Ion:330 Resp: 105264
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 19.4 15.0 22.4





#45

2-Fluorobiphenyl

Concen: 78.329 ng

RT: 13.591 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056067.D

Acq: 22 Dec 2022 18:18

Instrument :

BNA_G

ClientSampleId :

PB149663BL

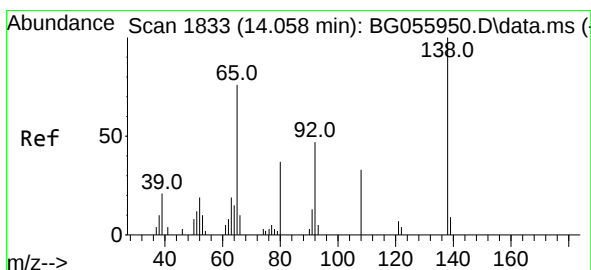
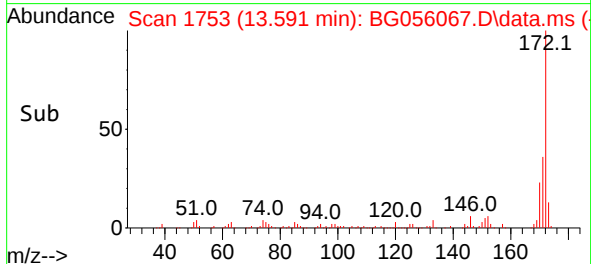
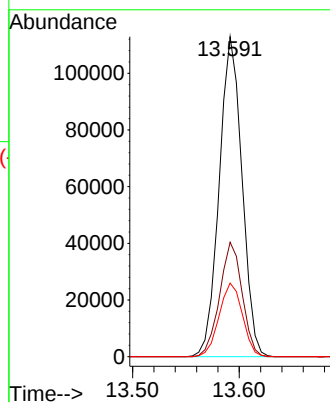
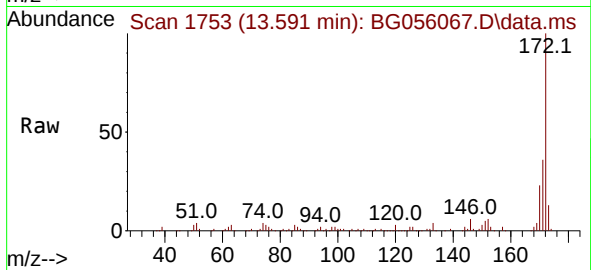
Tgt Ion:172 Resp: 167355

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.0 19.9 29.9



#48

2-Nitroaniline

Concen: 3.029 ng

RT: 13.585 min Scan# 1752

Delta R.T. -0.461 min

Lab File: BG056067.D

Acq: 22 Dec 2022 18:18

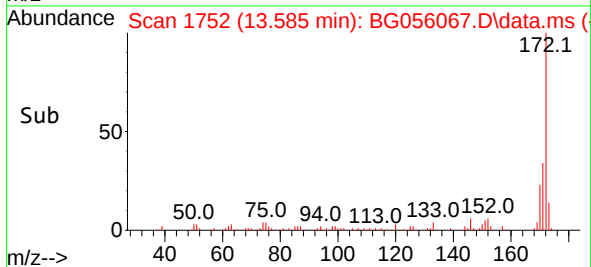
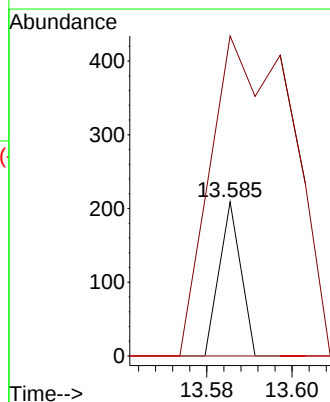
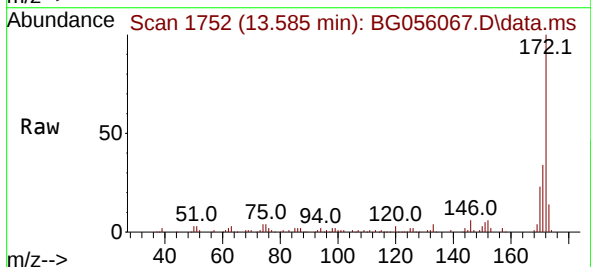
Tgt Ion: 65 Resp: 74

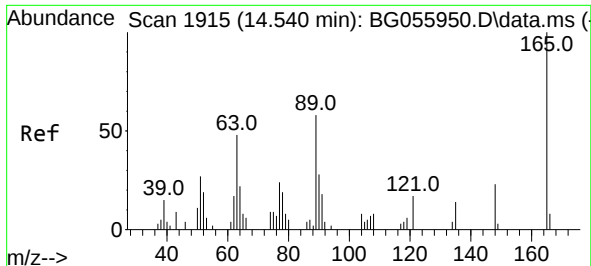
Ion Ratio Lower Upper

65 100

92 207.7 49.7 74.5#

138 0.0 105.0 157.6#

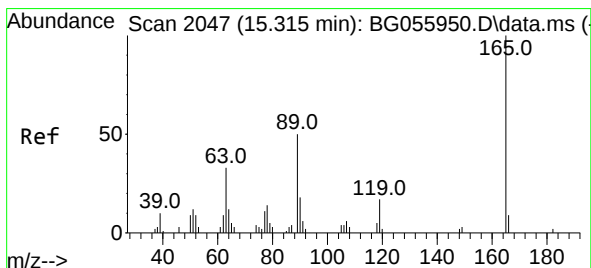
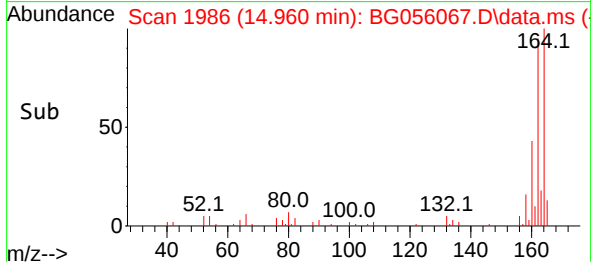
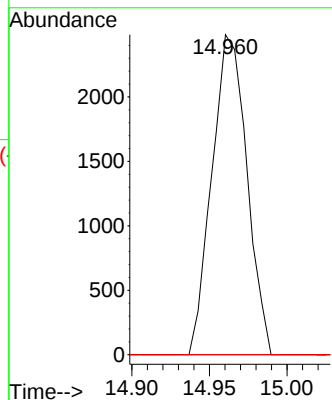
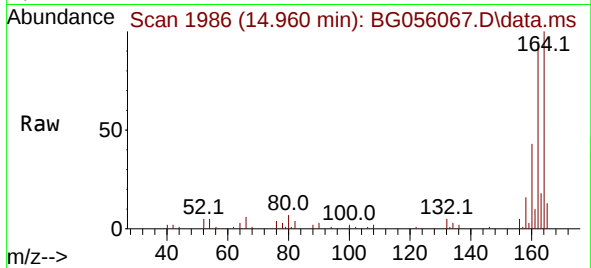




#51
2,6-Dinitrotoluene
Concen: 9.708 ng
RT: 14.960 min Scan# 1915
Delta R.T. 0.432 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

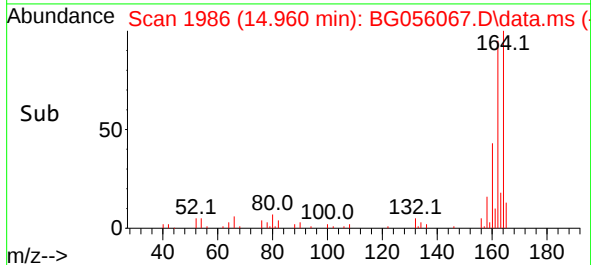
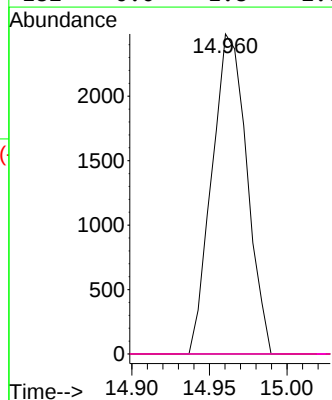
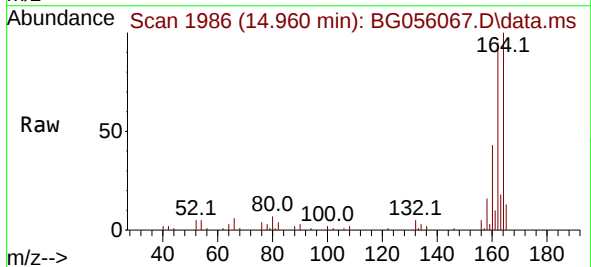
Instrument :
BNA_G
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PB149663BL

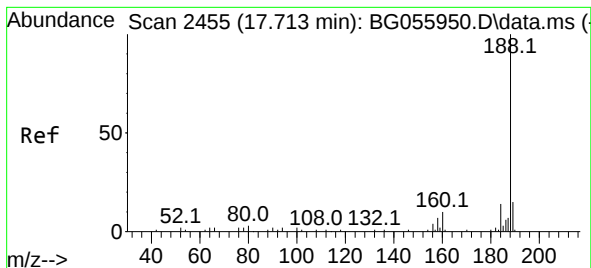
Tgt Ion:165 Resp: 3892
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.431 ng
RT: 14.960 min Scan# 1986
Delta R.T. -0.355 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

Tgt Ion:165 Resp: 3892
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.698 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG056067.D

Acq: 22 Dec 2022 18:18

Instrument :

BNA_G

ClientSampleId :

PB149663BL

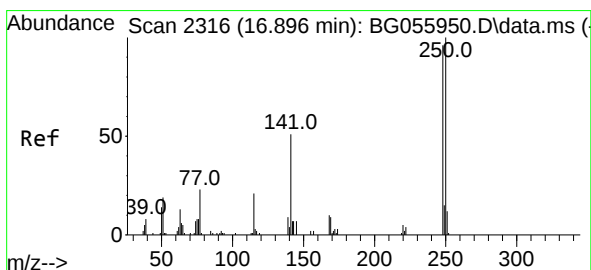
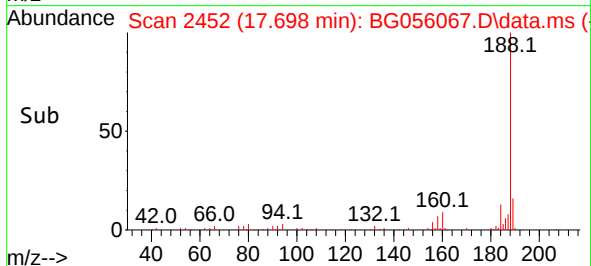
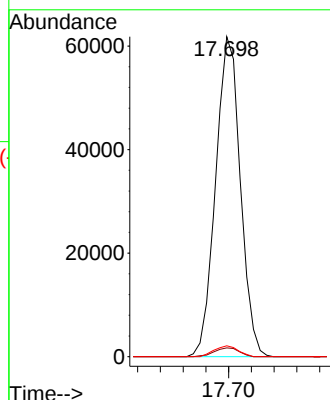
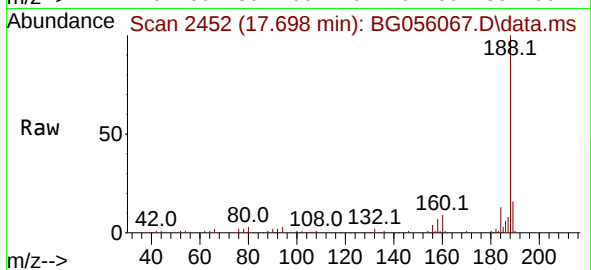
Tgt Ion:188 Resp: 93225

Ion Ratio Lower Upper

188 100

94 2.8 1.8 2.8#

80 3.4 2.4 3.6



#67

4-Bromophenyl-phenylether

Concen: 4.281 ng

RT: 16.441 min Scan# 2238

Delta R.T. -0.443 min

Lab File: BG056067.D

Acq: 22 Dec 2022 18:18

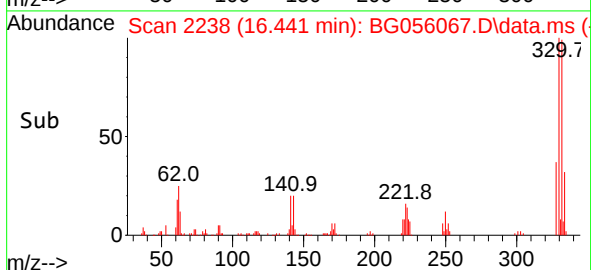
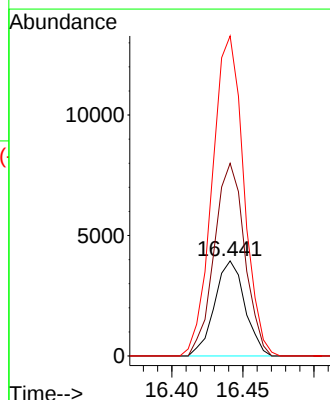
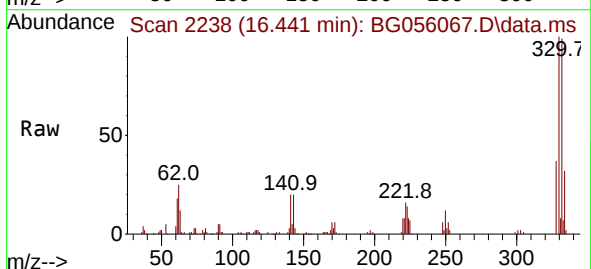
Tgt Ion:248 Resp: 5848

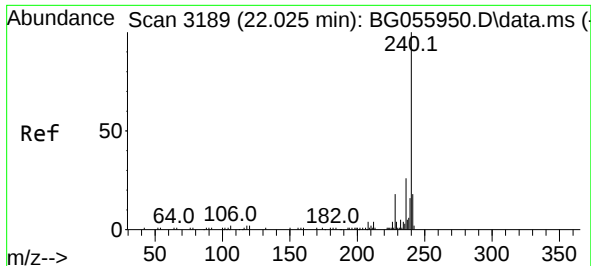
Ion Ratio Lower Upper

248 100

250 202.7 83.0 124.6#

141 336.7 42.6 64.0#

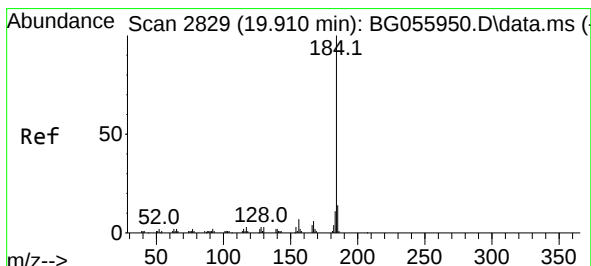
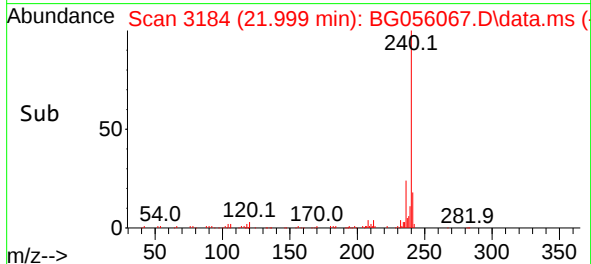
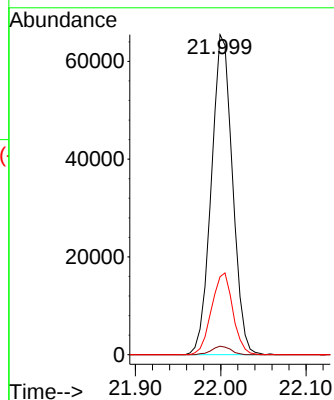
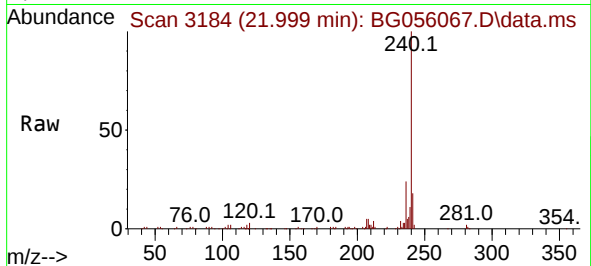




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.999 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

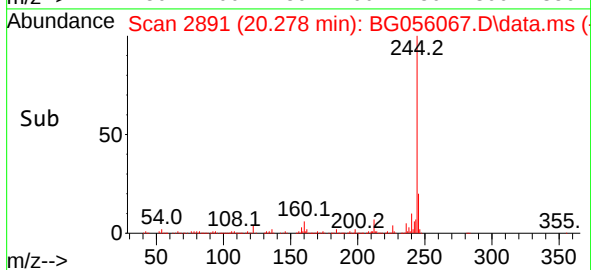
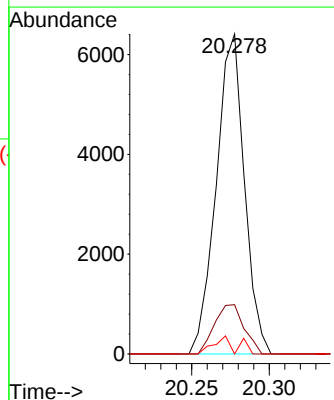
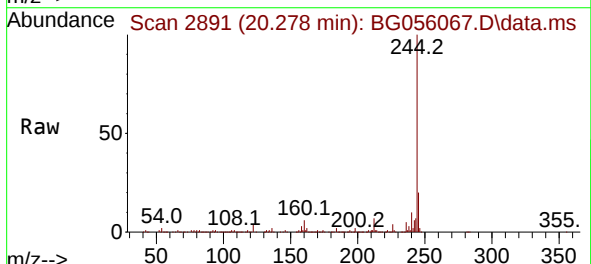
Instrument :
BNA_G
ClientSampleId :
PB149663BL

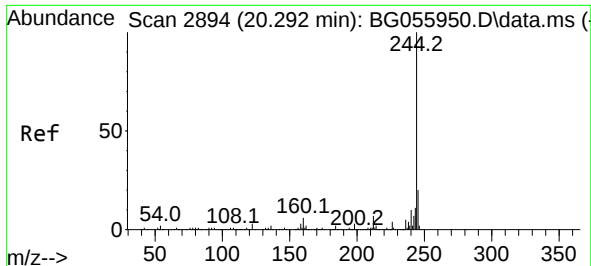
Tgt Ion:240 Resp: 112813
Ion Ratio Lower Upper
240 100
120 2.7 1.7 2.5#
236 24.4 21.1 31.7



#77
Benzidine
Concen: 4.089 ng
RT: 20.278 min Scan# 2891
Delta R.T. 0.379 min
Lab File: BG056067.D
Acq: 22 Dec 2022 18:18

Tgt Ion:184 Resp: 8102
Ion Ratio Lower Upper
184 100
185 15.4 10.9 16.3
183 0.0 9.2 13.8#

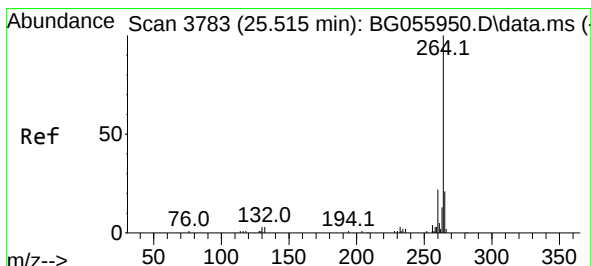
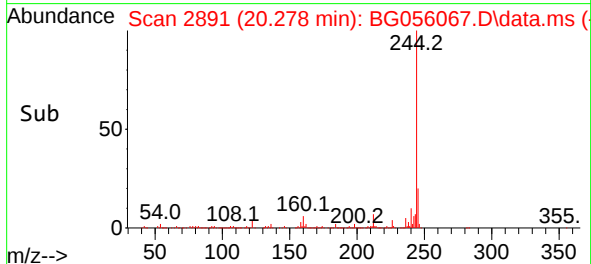
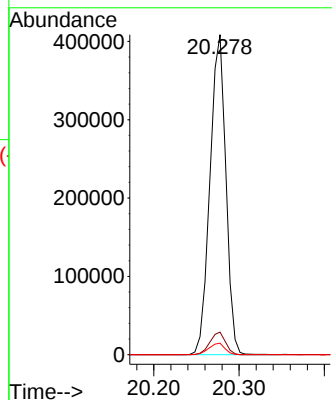
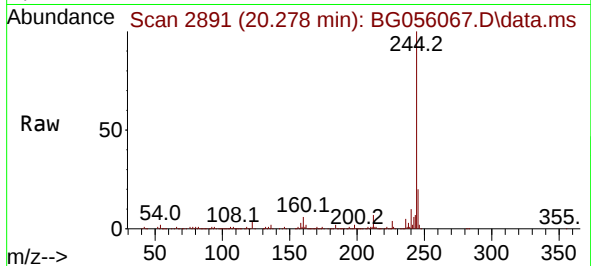




#79
 Terphenyl-d14
 Concen: 82.880 ng
 RT: 20.278 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056067.D
 Acq: 22 Dec 2022 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB149663BL

Tgt Ion:244 Resp: 529025
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.483 min Scan# 3777
 Delta R.T. -0.009 min
 Lab File: BG056067.D
 Acq: 22 Dec 2022 18:18

Tgt Ion:264 Resp: 121209
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.8
 265 21.4 16.6 25.0

