

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
 Data File : BG051883.D
 Acq On : 5 Jan 2022 17:48
 Operator : CG/JU
 Sample : PB141639TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB141639TB

Quant Time: Jan 07 06:46:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 06:40:51 2022
 Response via : Initial Calibration

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

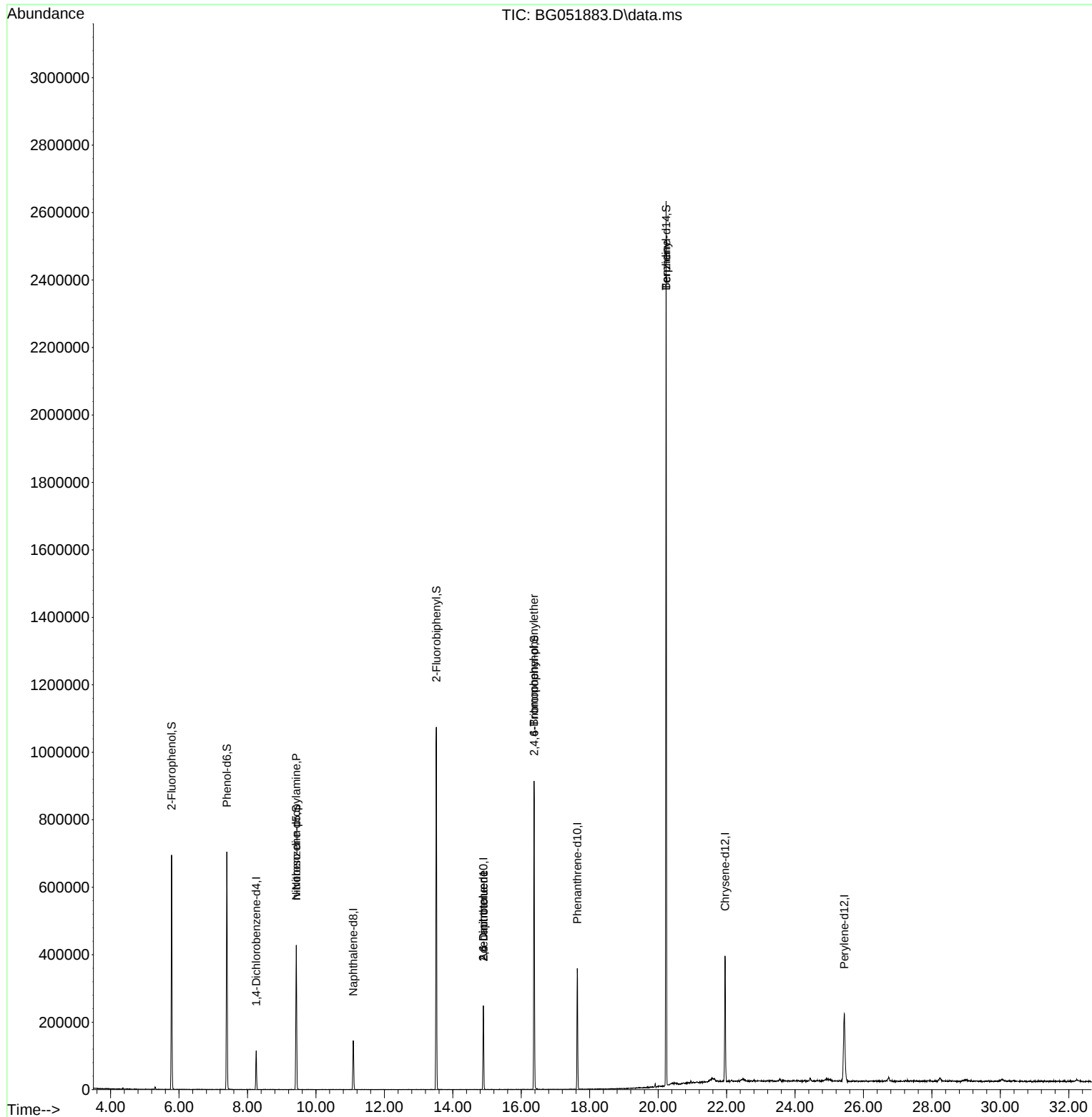
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	29500	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	121633	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	90307	20.000	ng	0.00
64) Phenanthrene-d10	17.637	188	229593	20.000	ng	0.00
76) Chrysene-d12	21.954	240	249103	20.000	ng	0.00
86) Perylene-d12	25.438	264	242846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	263141	141.254	ng	0.00
7) Phenol-d6	7.398	99	362539	129.760	ng	0.00
23) Nitrobenzene-d5	9.424	82	263368	83.350	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	171676	126.031	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	557172	82.774	ng	0.00
79) Terphenyl-d14	20.233	244	1221281	83.715	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.556	88	85	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.424	70	37647	17.661	ng	# 78
51) 2,6-Dinitrotoluene	14.893	165	11442	7.291	ng	# 18
57) 2,4-Dinitrotoluene	14.893	165	11442	5.106	ng	# 17
67) 4-Bromophenyl-phenylether	16.374	248	11018	3.991	ng	# 1
77) Benzidine	20.233	184	20007	2.779	ng	# 92

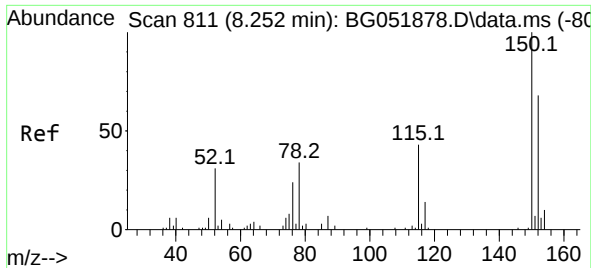
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
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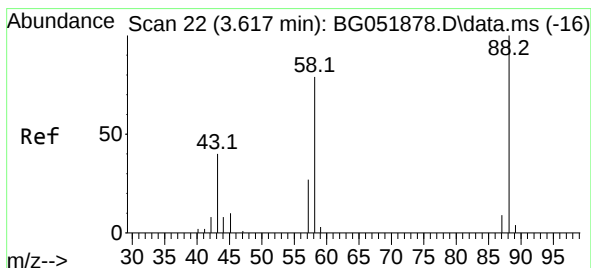
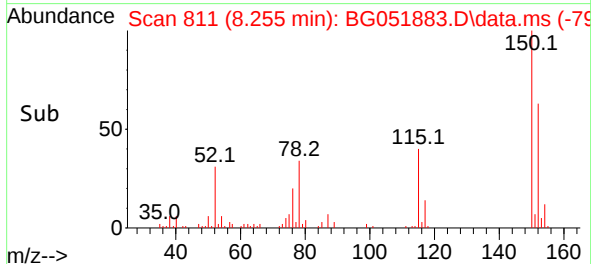
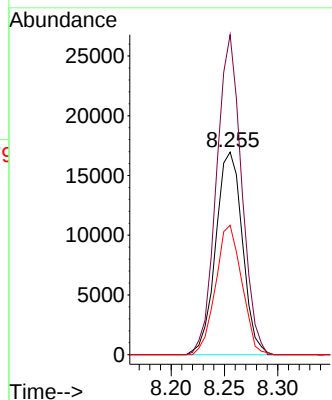
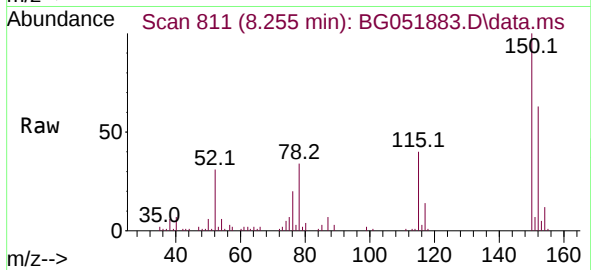




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.255 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: BG051883.D
 Acq: 5 Jan 2022 17:48

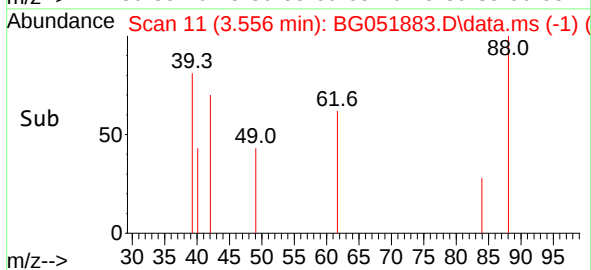
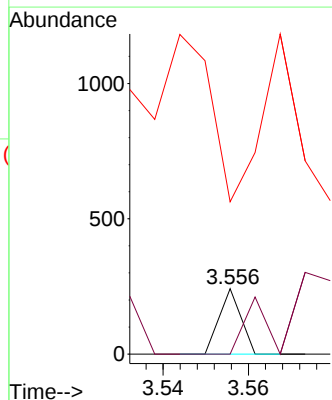
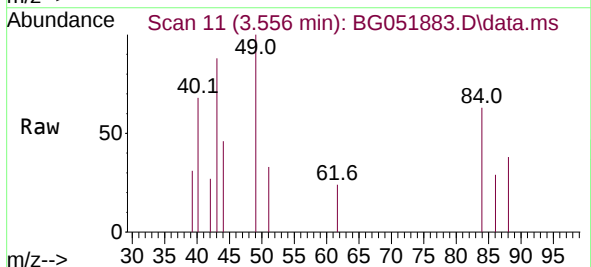
Instrument :
 BNA_G
 ClientSampleId :
 PB141639TB

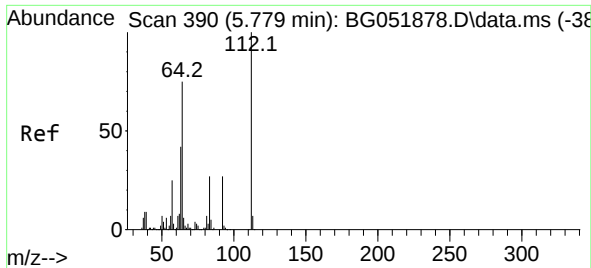
Tgt Ion:152 Resp: 29500
 Ion Ratio Lower Upper
 152 100
 150 157.9 117.8 176.8
 115 63.9 50.2 75.2



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.556 min Scan# 11
 Delta R.T. -0.061 min
 Lab File: BG051883.D
 Acq: 5 Jan 2022 17:48

Tgt Ion: 88 Resp: 85
 Ion Ratio Lower Upper
 88 100
 58 608.2 65.8 98.8#
 43 427.1 31.6 47.4#

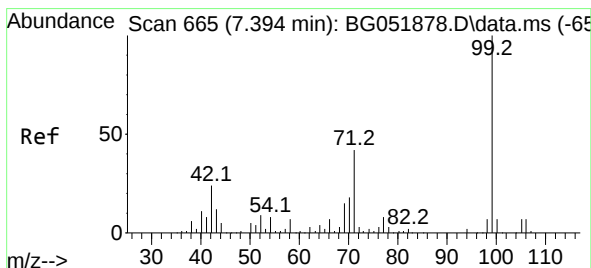
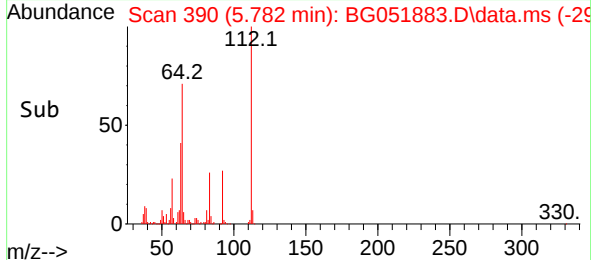
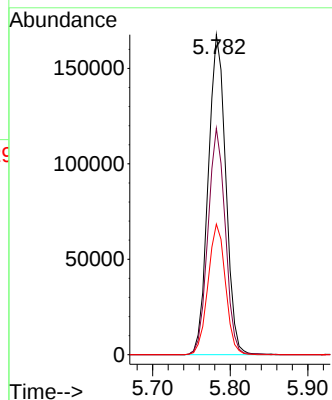
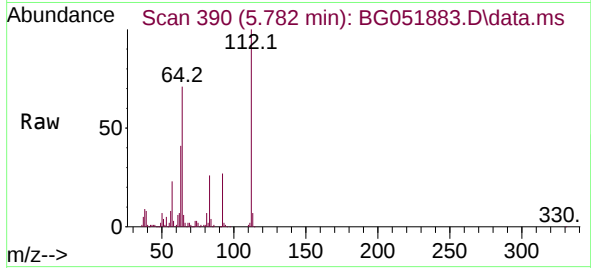




#5
2-Fluorophenol
Concen: 141.254 ng
RT: 5.782 min Scan# 390
Delta R.T. 0.003 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

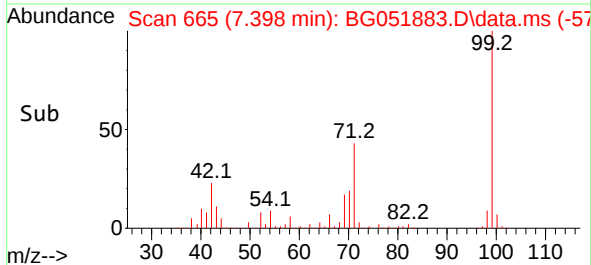
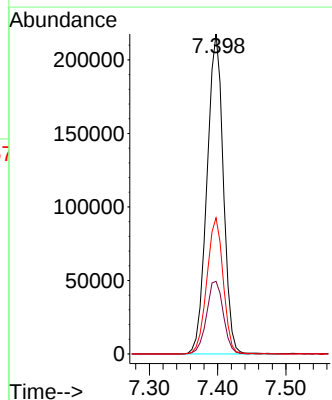
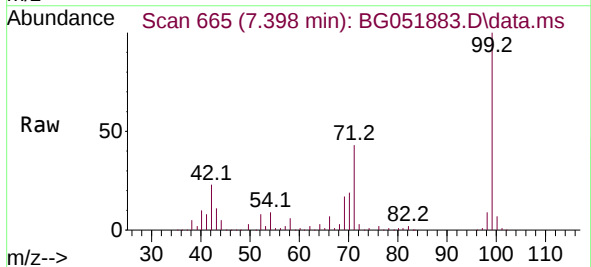
Instrument :
BNA_G
ClientSampleId :
PB141639TB

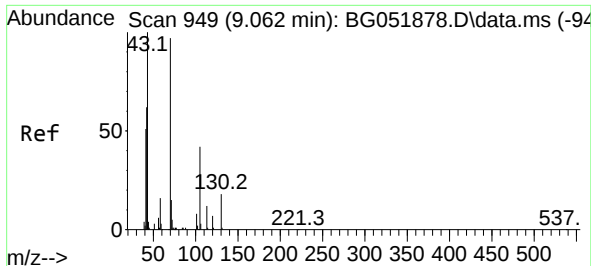
Tgt Ion:112 Resp: 263141
Ion Ratio Lower Upper
112 100
64 70.7 60.4 90.6
63 40.8 33.3 49.9



#7
Phenol-d6
Concen: 129.760 ng
RT: 7.398 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

Tgt Ion: 99 Resp: 362539
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 42.5 33.4 50.2

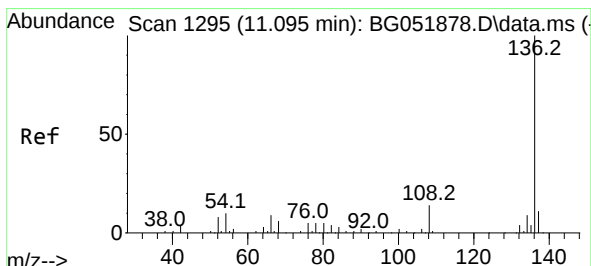
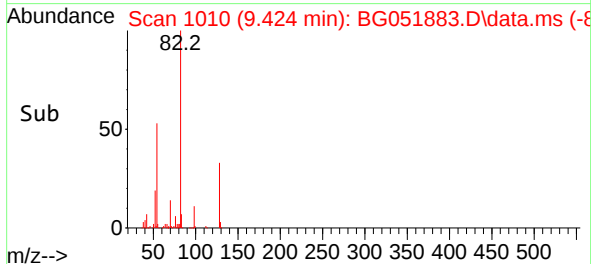
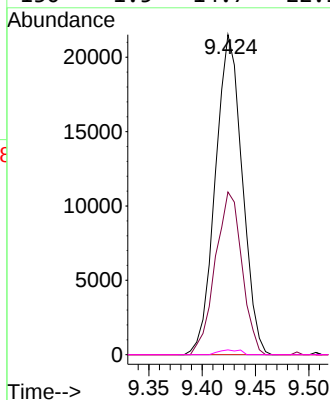
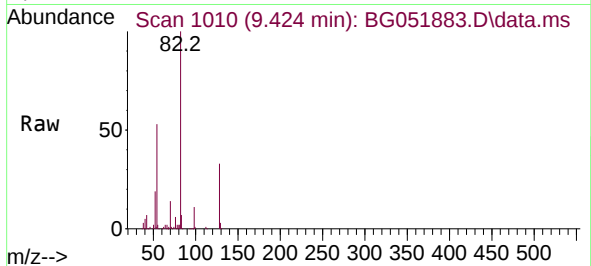




#19
n-Nitroso-di-n-propylamine
Concen: 17.661 ng
RT: 9.424 min Scan# 1010
Delta R.T. 0.362 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

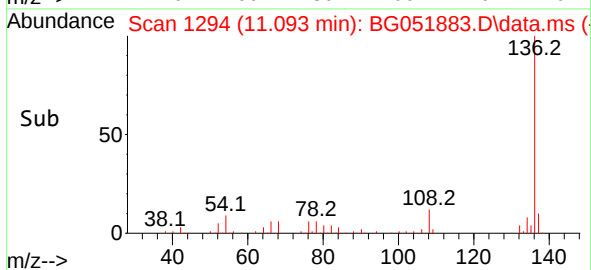
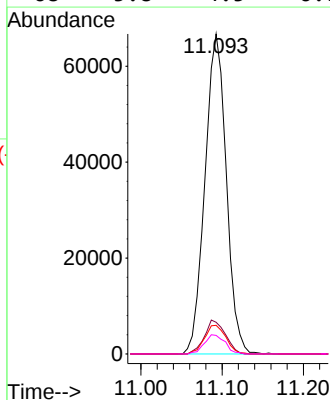
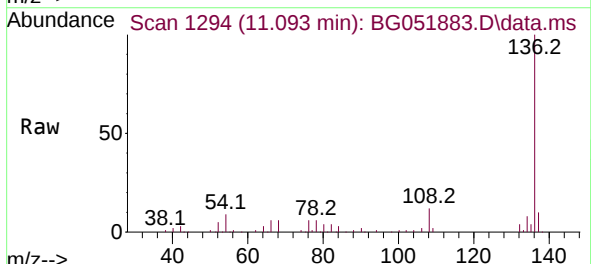
Instrument :
BNA_G
ClientSampleId :
PB141639TB

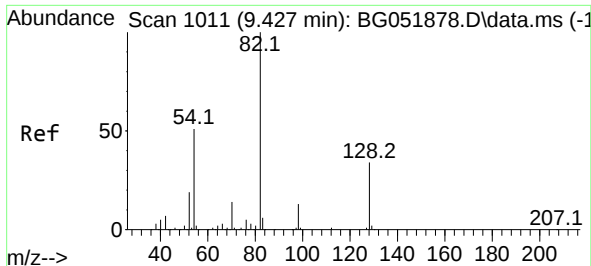
Tgt Ion: 70 Resp: 37647
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 6.6 10.0#
130 1.5 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1294
Delta R.T. -0.002 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

Tgt Ion: 136 Resp: 121633
Ion Ratio Lower Upper
136 100
137 9.9 9.1 13.7
54 9.0 8.3 12.5
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 83.350 ng

RT: 9.424 min Scan# 1011

Delta R.T. -0.002 min

Lab File: BG051883.D

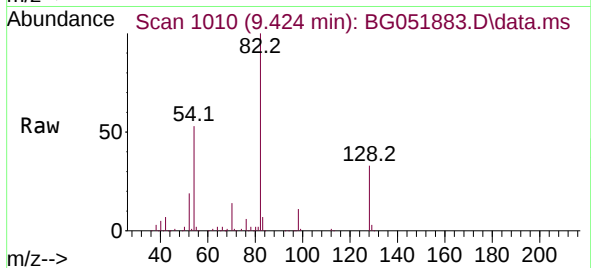
Acq: 5 Jan 2022 17:48

Instrument :

BNA_G

ClientSampleId :

PB141639TB



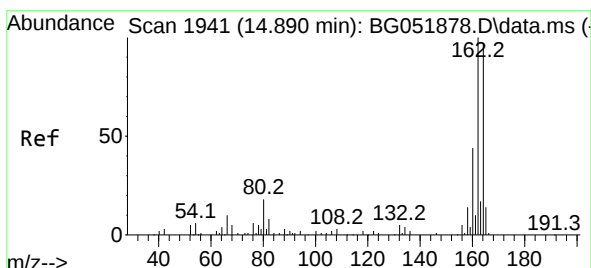
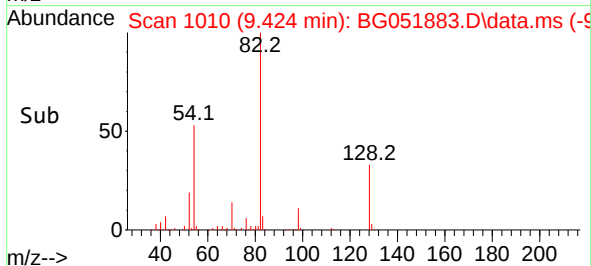
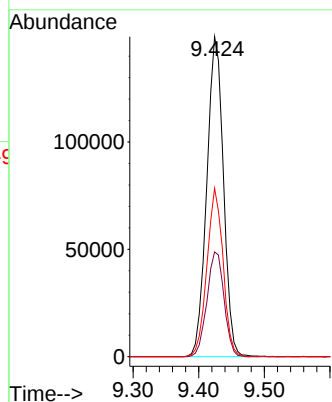
Tgt Ion: 82 Resp: 263368

Ion Ratio Lower Upper

82 100

128 32.8 27.0 40.4

54 52.7 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.893 min Scan# 1941

Delta R.T. 0.003 min

Lab File: BG051883.D

Acq: 5 Jan 2022 17:48

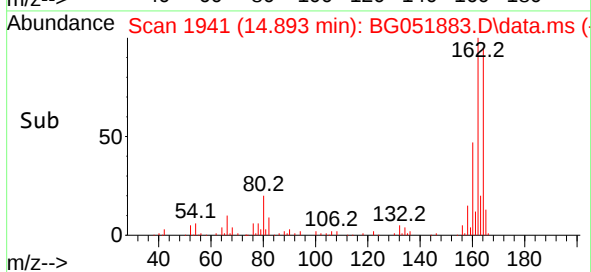
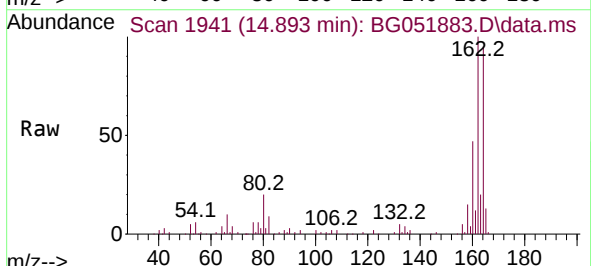
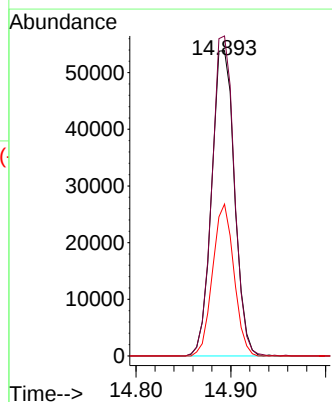
Tgt Ion: 164 Resp: 90307

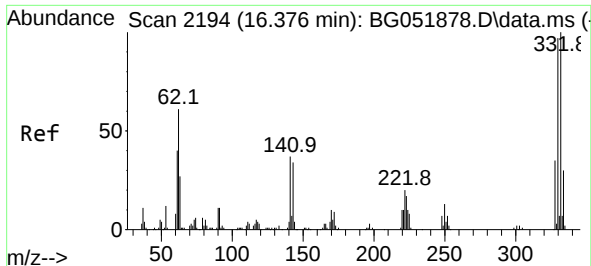
Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.2

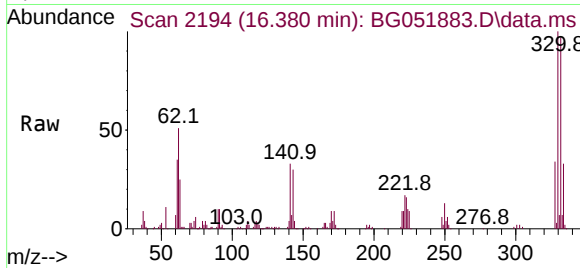
160 49.7 36.2 54.2



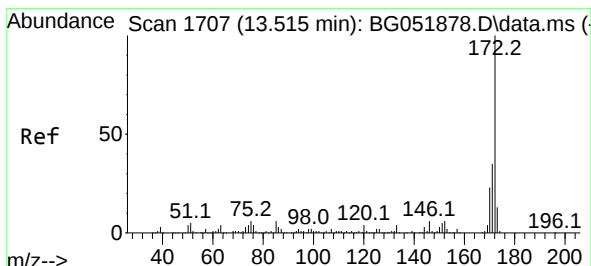
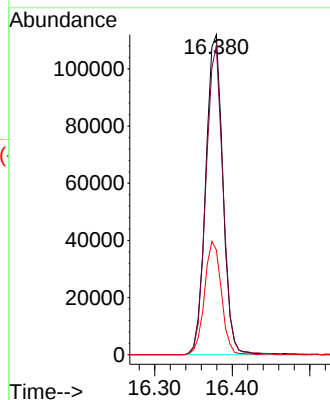
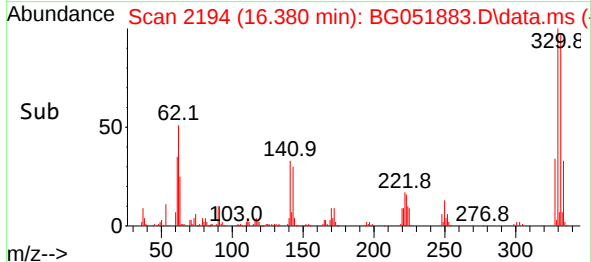


#42
2,4,6-Tribromophenol
Concen: 126.031 ng
RT: 16.380 min Scan# 2194
Delta R.T. 0.003 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

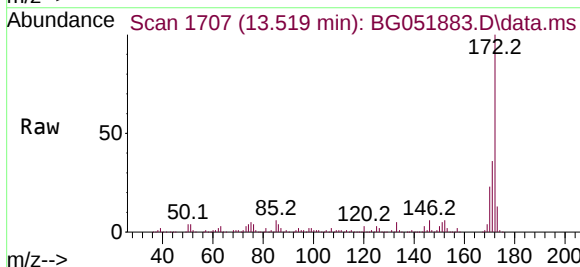
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BNA_G
ClientSampleId :
PB141639TB



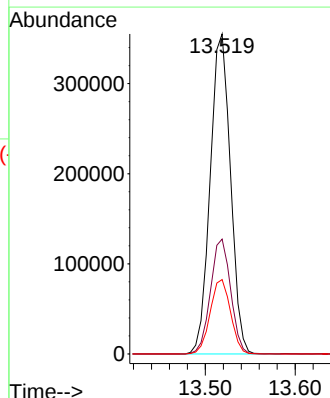
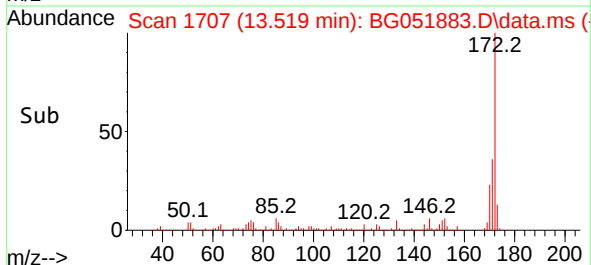
Tgt Ion:330 Resp: 171676
Ion Ratio Lower Upper
330 100
332 96.4 78.6 117.8
141 34.8 28.8 43.2

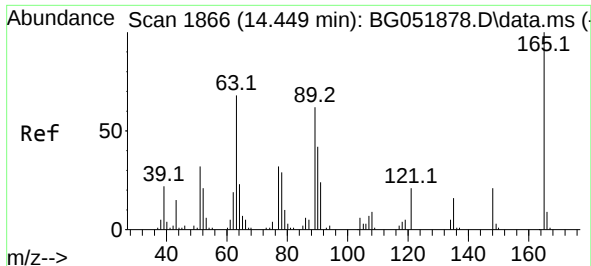


#45
2-Fluorobiphenyl
Concen: 82.774 ng
RT: 13.519 min Scan# 1707
Delta R.T. 0.003 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48



Tgt Ion:172 Resp: 557172
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.3 27.5





#51

2,6-Dinitrotoluene

Concen: 7.291 ng

RT: 14.893 min Scan# 1941

Delta R.T. 0.444 min

Lab File: BG051883.D

Acq: 5 Jan 2022 17:48

Instrument :

BNA_G

ClientSampleId :

PB141639TB

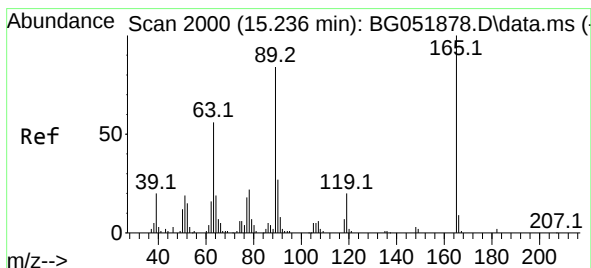
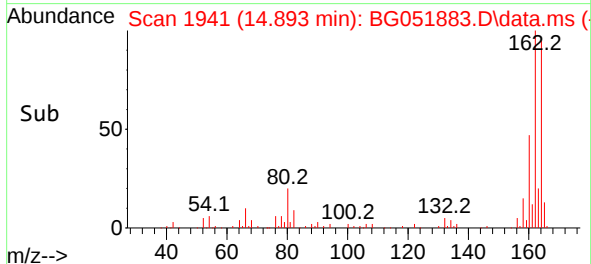
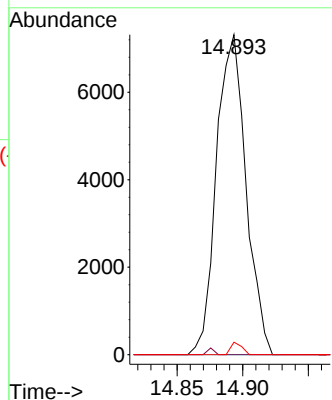
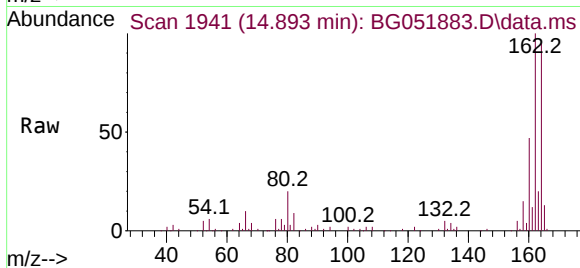
Tgt Ion:165 Resp: 11442

Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 3.9 49.4 74.0#



#57

2,4-Dinitrotoluene

Concen: 5.106 ng

RT: 14.893 min Scan# 1941

Delta R.T. -0.343 min

Lab File: BG051883.D

Acq: 5 Jan 2022 17:48

Tgt Ion:165 Resp: 11442

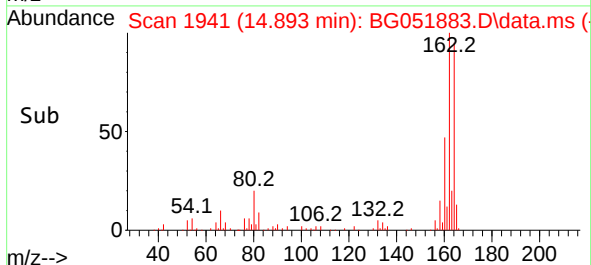
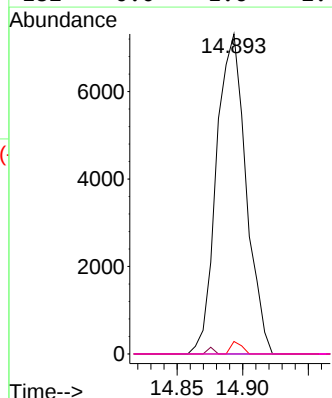
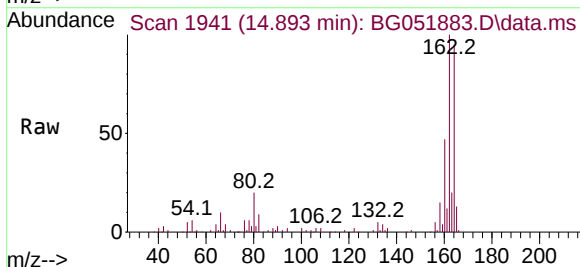
Ion Ratio Lower Upper

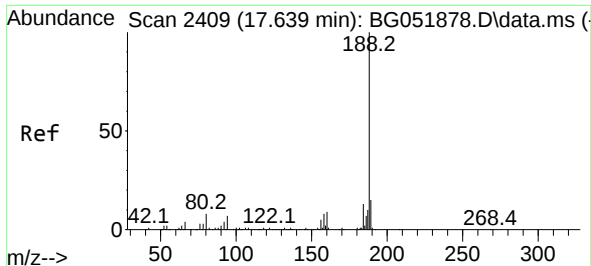
165 100

63 0.0 44.6 66.8#

89 3.9 67.4 101.0#

182 0.0 1.6 2.4#

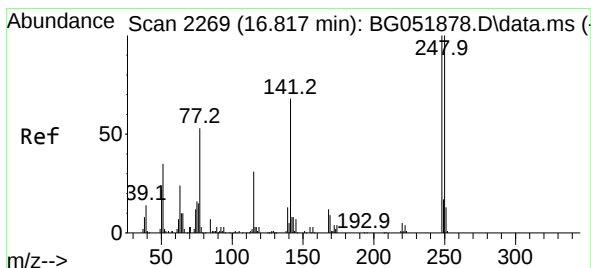
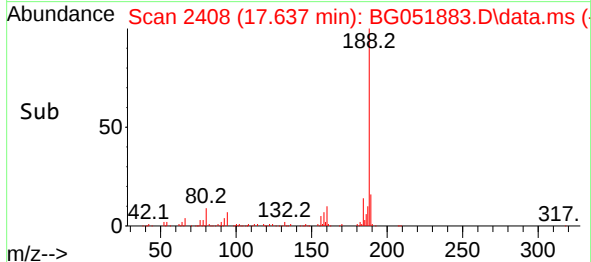
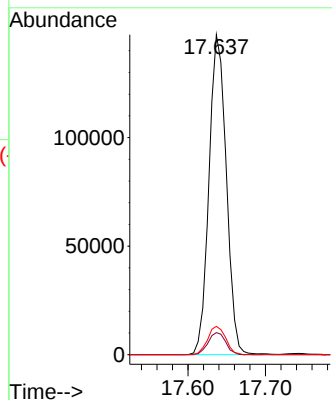
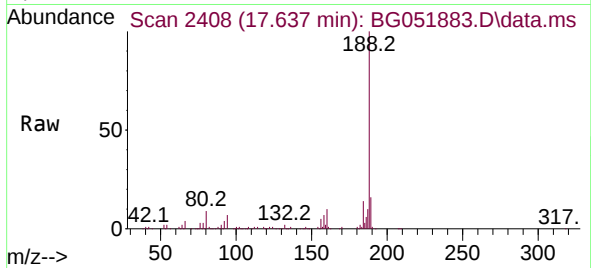




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.637 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

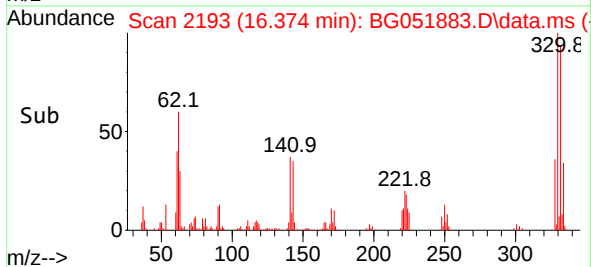
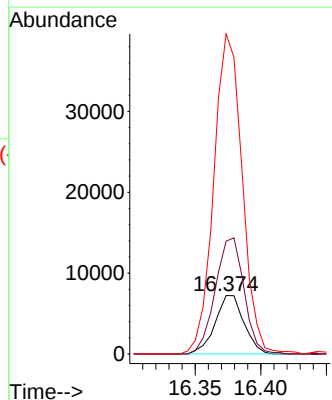
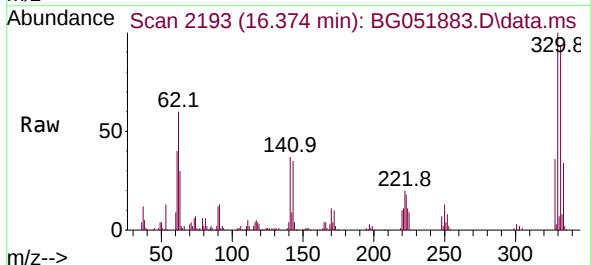
Instrument :
BNA_G
ClientSampleId :
PB141639TB

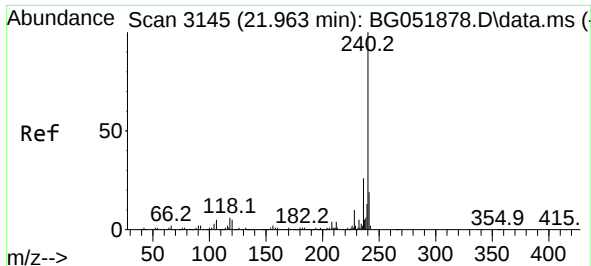
Tgt Ion:188 Resp: 229593
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.9 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.991 ng
RT: 16.374 min Scan# 2193
Delta R.T. -0.443 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

Tgt Ion:248 Resp: 11018
Ion Ratio Lower Upper
248 100
250 193.0 79.6 119.4#
141 547.6 54.6 81.8#

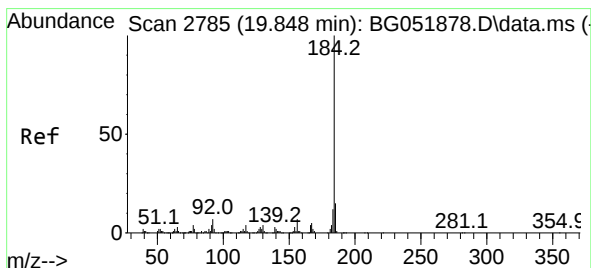
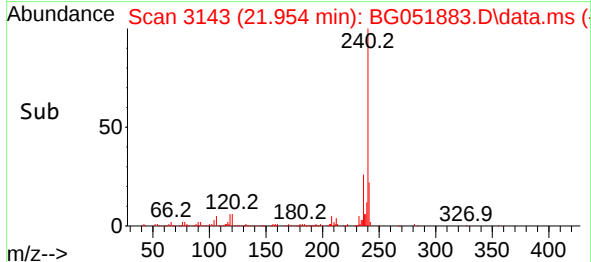
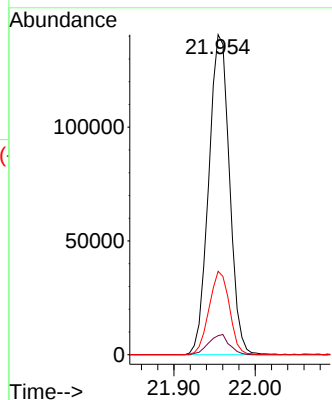
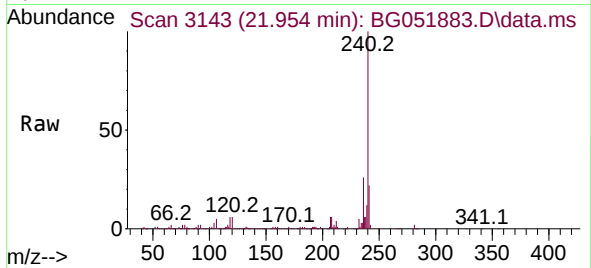




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.954 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

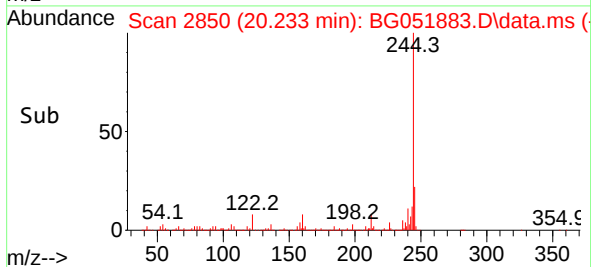
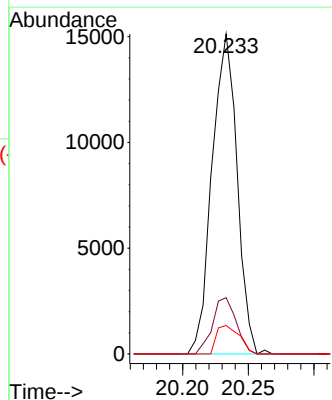
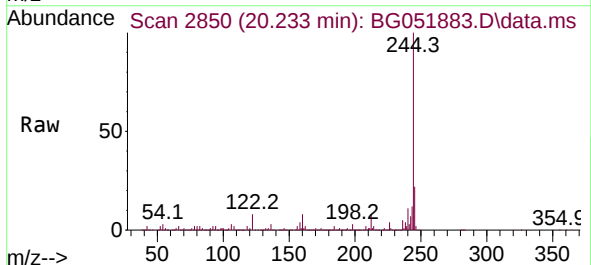
Instrument :
BNA_G
ClientSampleId :
PB141639TB

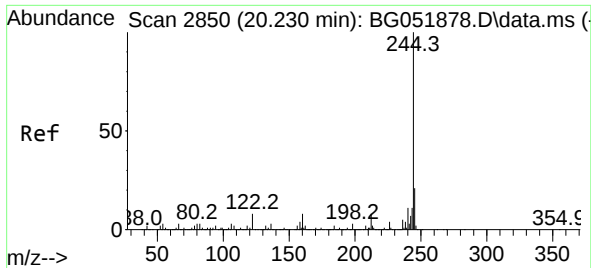
Tgt Ion:240 Resp: 249103
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 26.1 20.8 31.2



#77
Benzidine
Concen: 2.779 ng
RT: 20.233 min Scan# 2850
Delta R.T. 0.385 min
Lab File: BG051883.D
Acq: 5 Jan 2022 17:48

Tgt Ion:184 Resp: 20007
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.8
183 8.9 9.8 14.6#

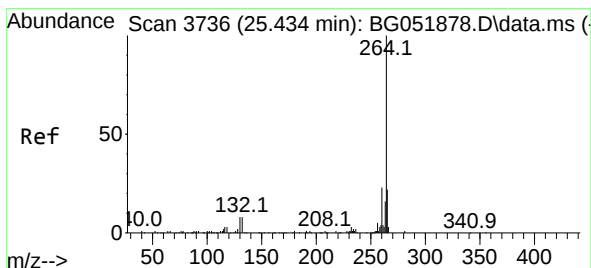
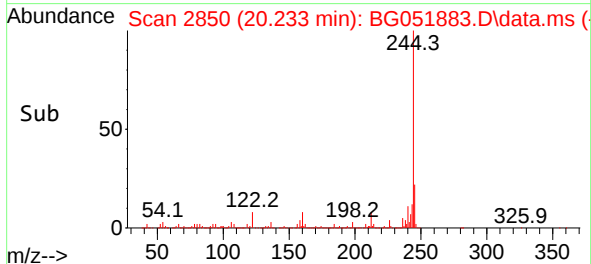
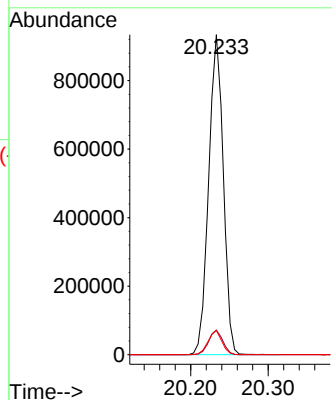
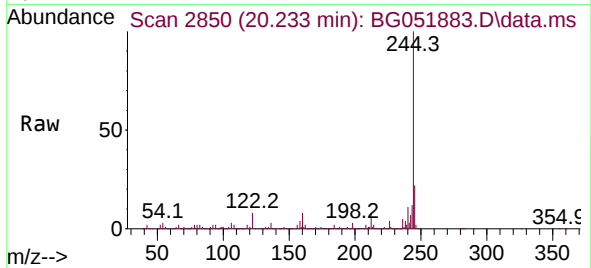




#79
 Terphenyl-d14
 Concen: 83.715 ng
 RT: 20.233 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051883.D
 Acq: 5 Jan 2022 17:48

Instrument :
 BNA_G
 ClientSampleId :
 PB141639TB

Tgt Ion:244 Resp: 1221281
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.438 min Scan# 3736
 Delta R.T. 0.003 min
 Lab File: BG051883.D
 Acq: 5 Jan 2022 17:48

Tgt Ion:264 Resp: 242846
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.7 17.8 26.6

