

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053100.D
 Acq On : 11 Apr 2022 14:21
 Operator : CG/JU
 Sample : N2333-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Apr 12 06:07:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

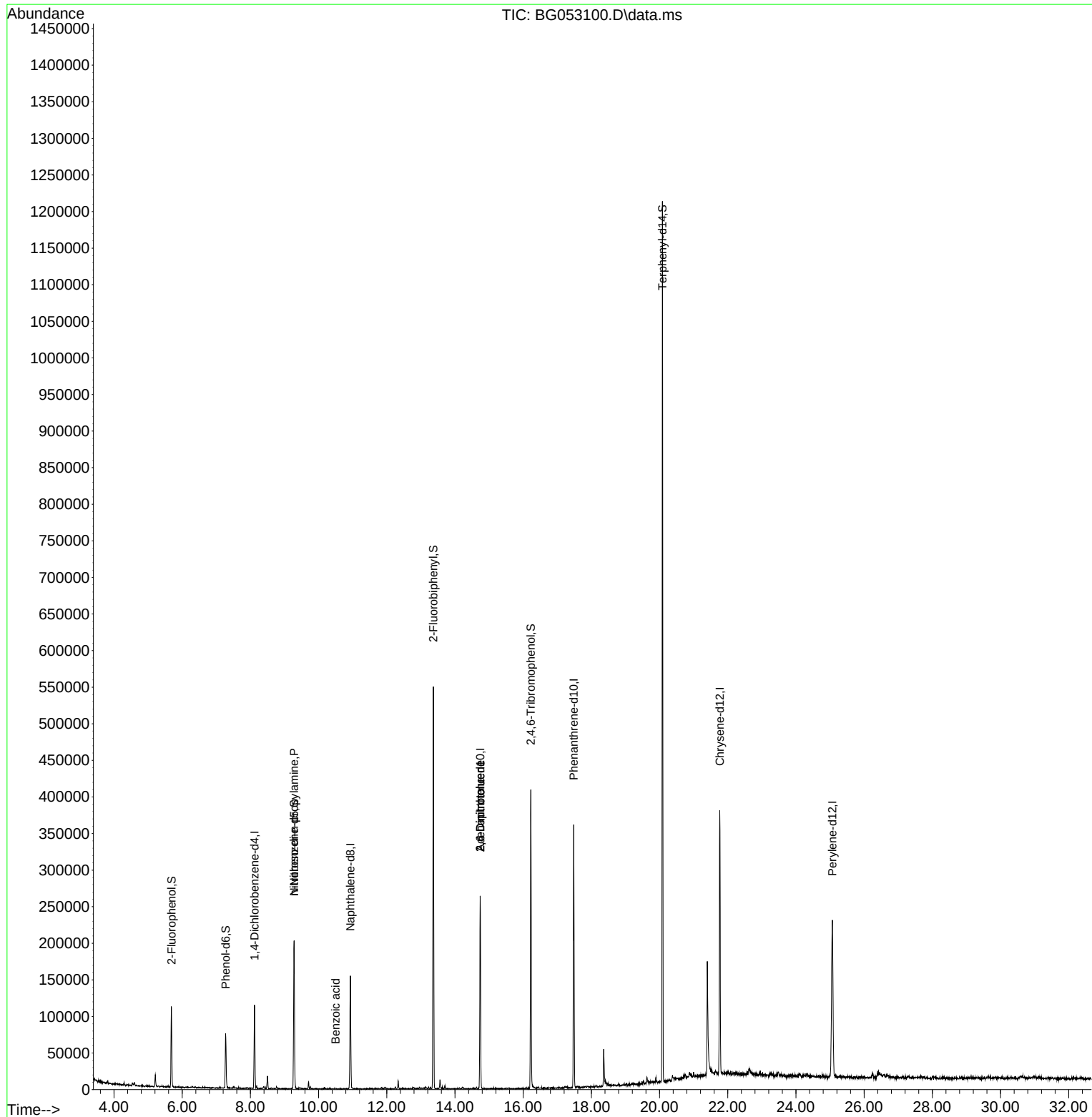
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	30575	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	124020	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	96342	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	227206	20.000	ng	0.00
76) Chrysene-d12	21.765	240	233945	20.000	ng	0.00
86) Perylene-d12	25.067	264	243841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	45973	25.775	ng	0.00
7) Phenol-d6	7.273	99	42356	15.399	ng	0.00
23) Nitrobenzene-d5	9.282	82	125856	41.205	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	79206	51.675	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	290691	41.605	ng	0.00
79) Terphenyl-d14	20.085	244	602152	43.471	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.282	70	18117	8.997	ng	# 76
32) Benzoic acid	10.504	122	56	3.674	ng	# 54
51) 2,6-Dinitrotoluene	14.740	165	12907	8.029	ng	# 26
57) 2,4-Dinitrotoluene	14.740	165	12907	5.639	ng	# 25

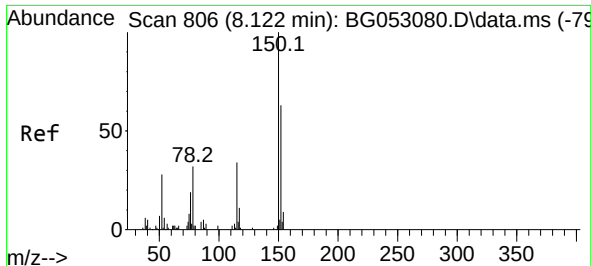
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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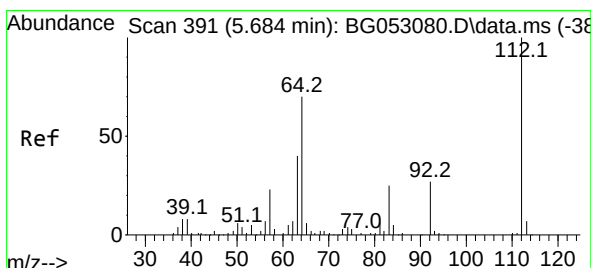
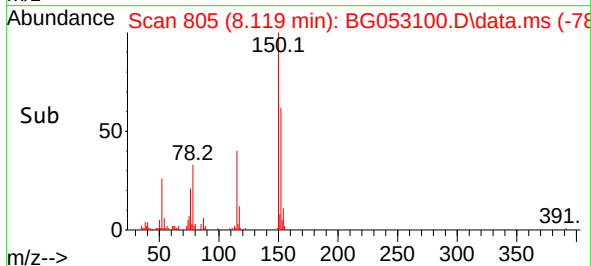
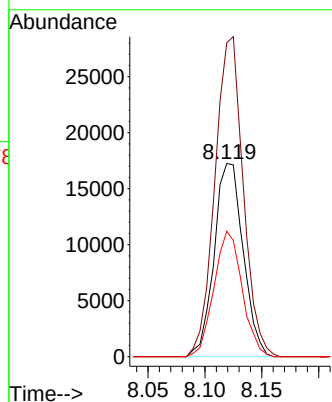
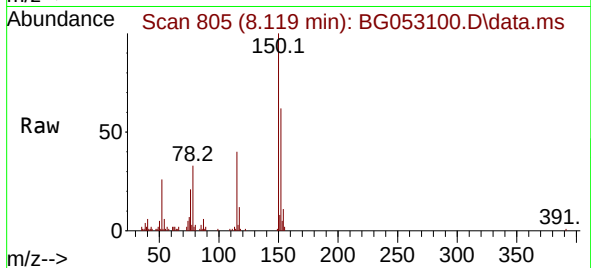




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.119 min Scan# 806
 Delta R.T. -0.003 min
 Lab File: BG053100.D
 Acq: 11 Apr 2022 14:21

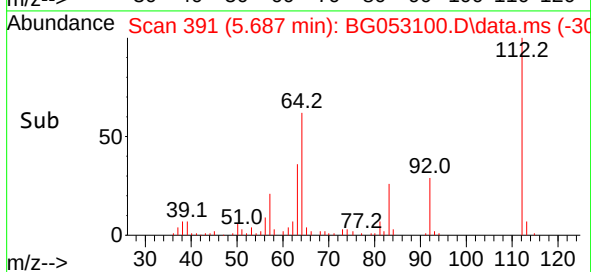
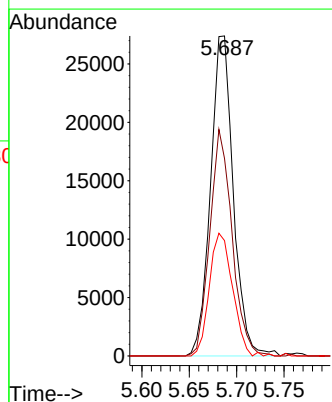
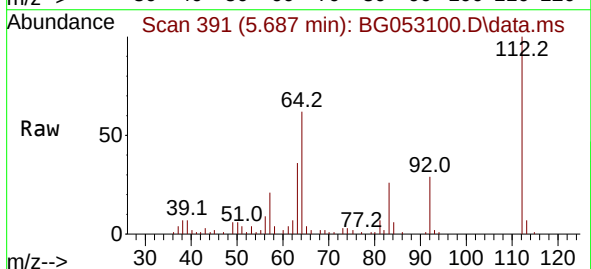
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

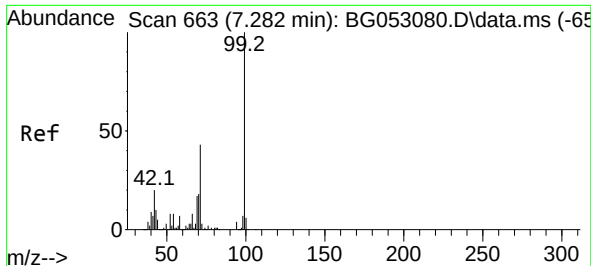
Tgt Ion:152 Resp: 30575
 Ion Ratio Lower Upper
 152 100
 150 162.5 114.6 172.0
 115 65.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 25.775 ng
 RT: 5.687 min Scan# 391
 Delta R.T. 0.003 min
 Lab File: BG053100.D
 Acq: 11 Apr 2022 14:21

Tgt Ion:112 Resp: 45973
 Ion Ratio Lower Upper
 112 100
 64 61.7 48.0 72.0
 63 36.1 26.5 39.7

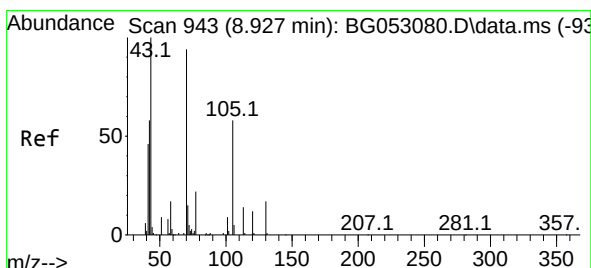
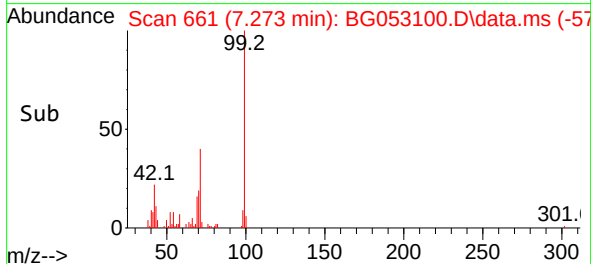
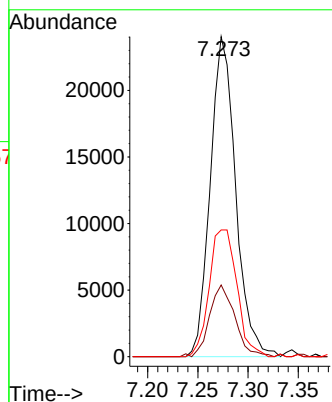
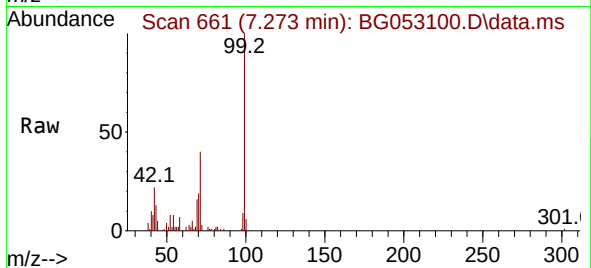




#7
Phenol-d6
Concen: 15.399 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

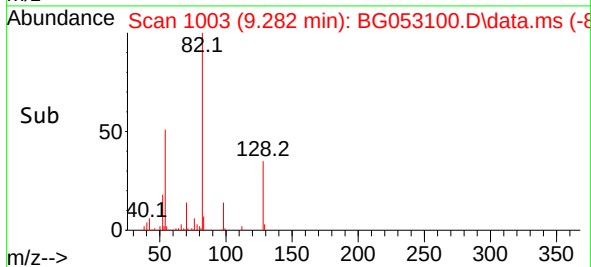
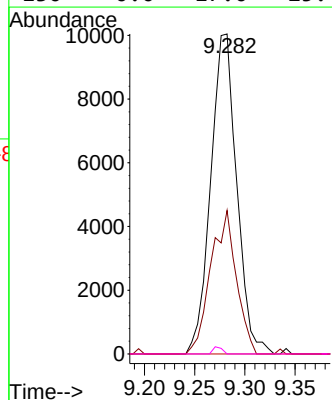
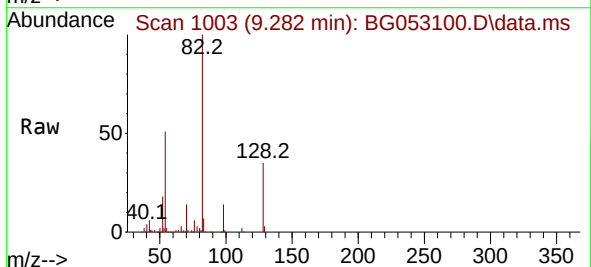
Instrument :
BNA_G
ClientSampleId :
MW-1

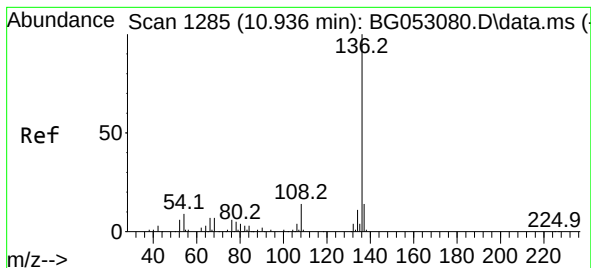
Tgt Ion: 99 Resp: 42356
Ion Ratio Lower Upper
99 100
42 22.4 14.7 22.1#
71 39.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.997 ng
RT: 9.282 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

Tgt Ion: 70 Resp: 18117
Ion Ratio Lower Upper
70 100
42 44.9 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

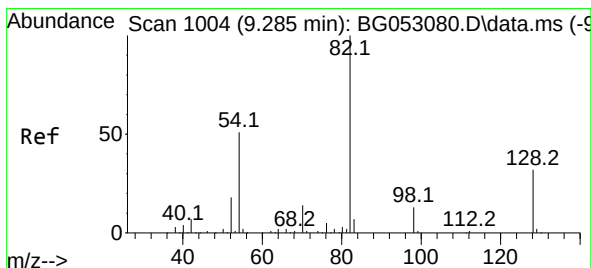
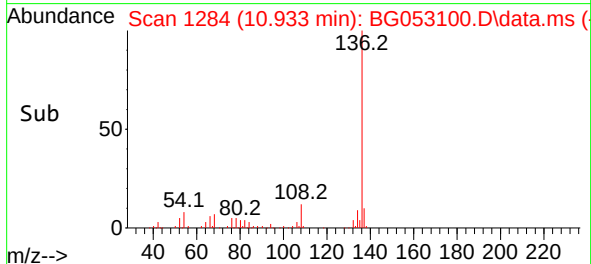
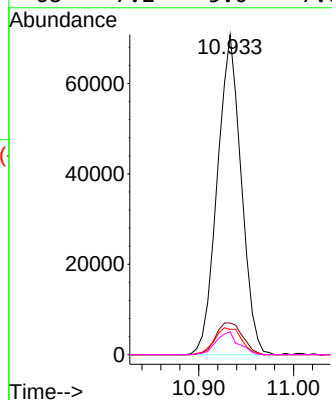
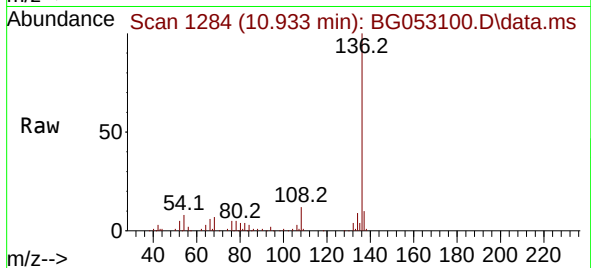




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

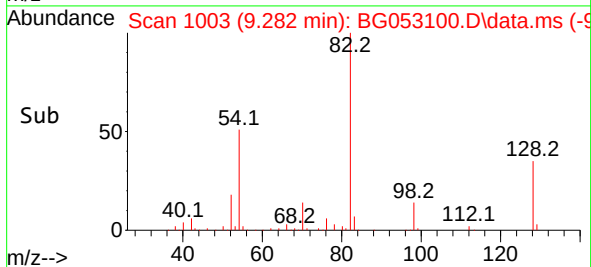
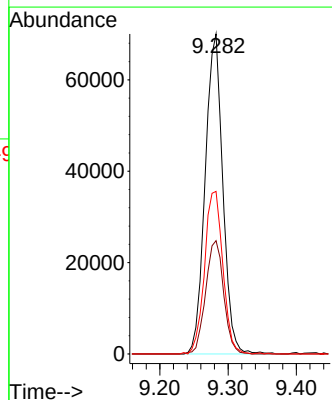
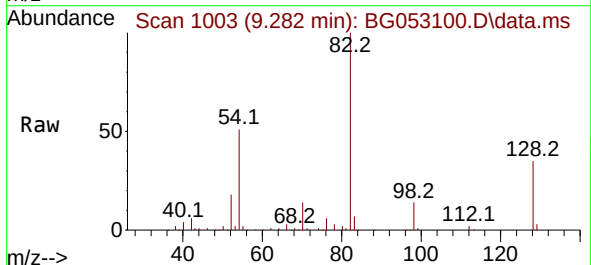
Instrument :
BNA_G
ClientSampleId :
MW-1

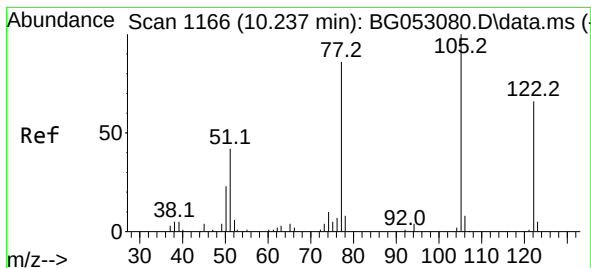
Tgt Ion:136 Resp: 124020
Ion Ratio Lower Upper
136 100
137 9.9 9.4 14.2
54 7.9 6.4 9.6
68 7.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 41.205 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

Tgt Ion: 82 Resp: 125856
Ion Ratio Lower Upper
82 100
128 35.4 31.3 46.9
54 50.8 37.8 56.8





#32

Benzoic acid

Concen: 3.674 ng

RT: 10.504 min Scan# 1166

Delta R.T. 0.267 min

Lab File: BG053100.D

Acq: 11 Apr 2022 14:21

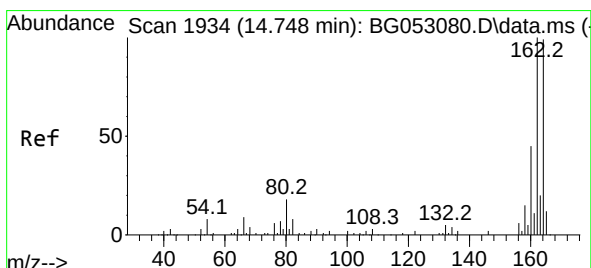
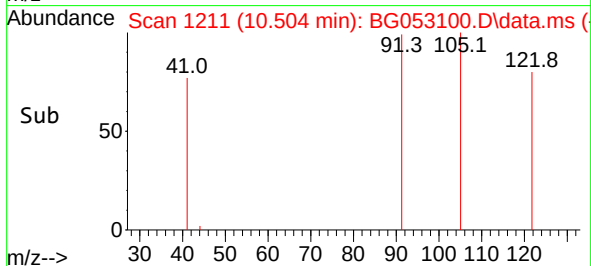
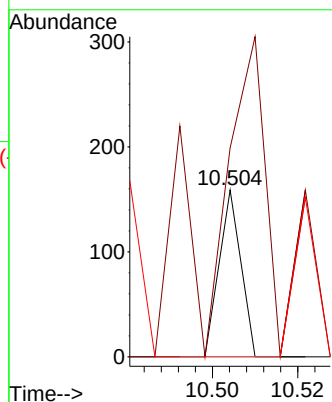
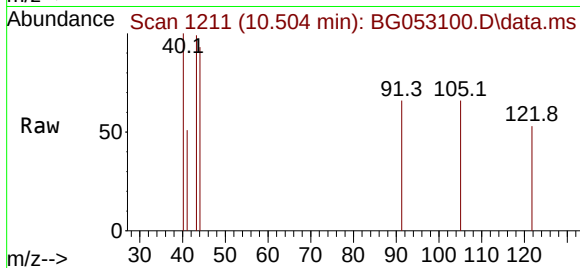
Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion:122	Resp:	56
Ion	Ratio	Lower Upper
122	100	
105	125.2	112.8 152.8
77	0.0	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

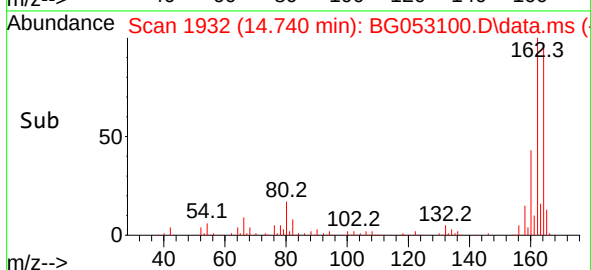
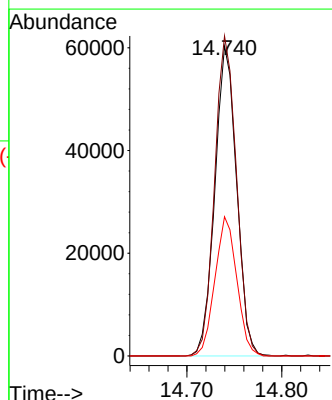
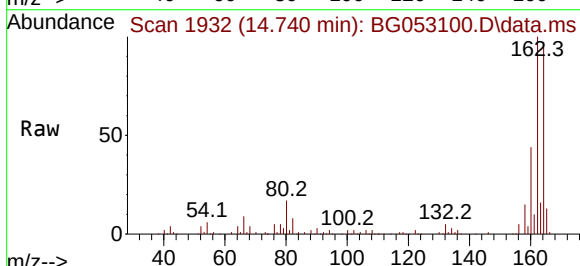
RT: 14.740 min Scan# 1932

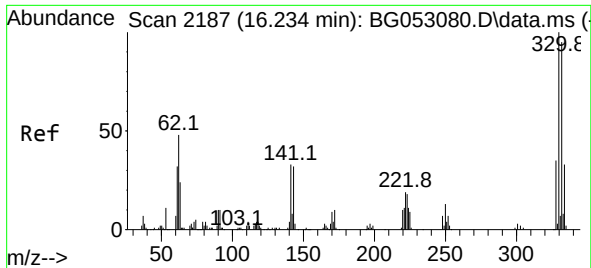
Delta R.T. -0.009 min

Lab File: BG053100.D

Acq: 11 Apr 2022 14:21

Tgt Ion:164	Resp:	96342
Ion	Ratio	Lower Upper
164	100	
162	103.2	80.0 120.0
160	44.9	38.8 58.2

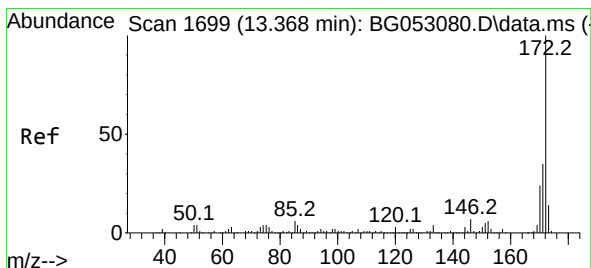
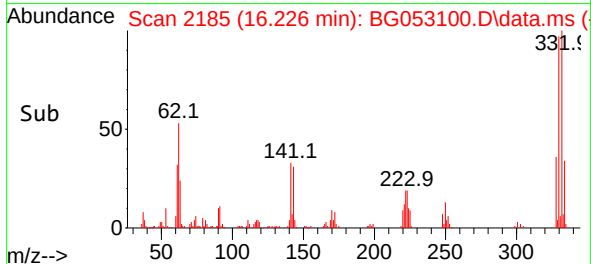
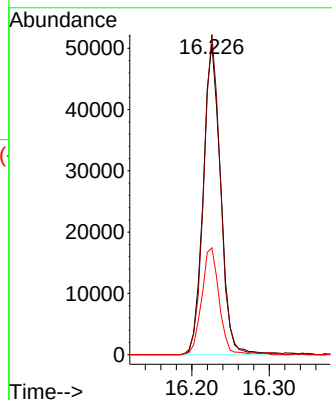
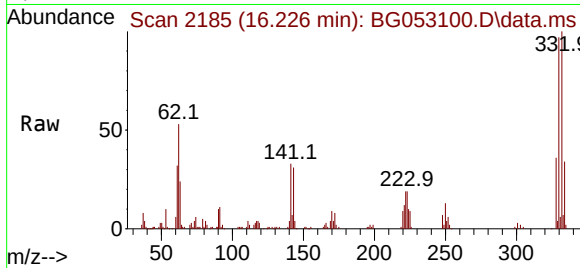




#42
2,4,6-Tribromophenol
Concen: 51.675 ng
RT: 16.226 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

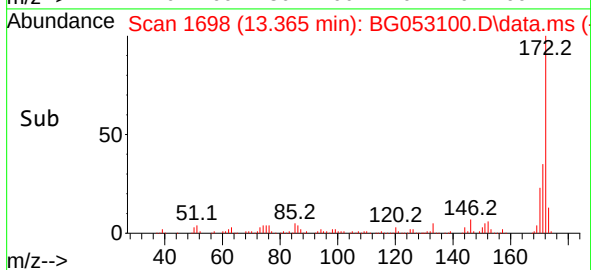
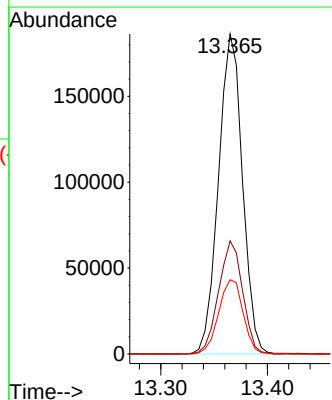
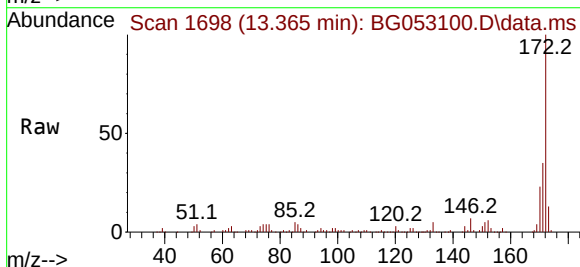
Instrument :
BNA_G
ClientSampleId :
MW-1

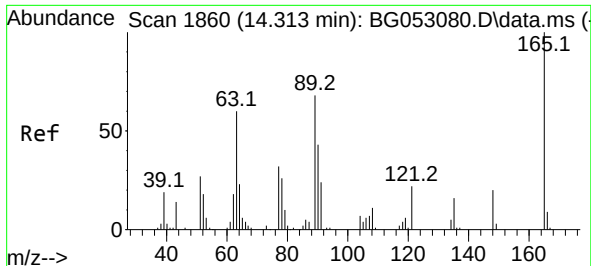
Tgt Ion:330 Resp: 79206
Ion Ratio Lower Upper
330 100
332 98.9 75.8 113.6
141 34.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 41.605 ng
RT: 13.365 min Scan# 1698
Delta R.T. -0.003 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

Tgt Ion:172 Resp: 290691
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 8.029 ng

RT: 14.740 min Scan# 1932

Delta R.T. 0.426 min

Lab File: BG053100.D

Acq: 11 Apr 2022 14:21

Instrument :

BNA_G

ClientSampleId :

MW-1

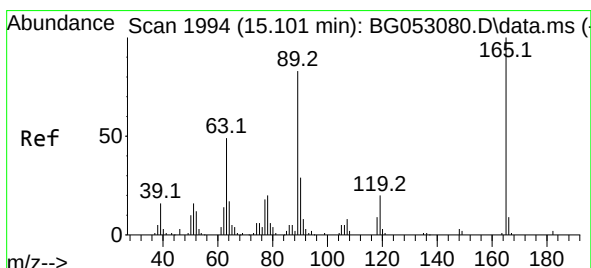
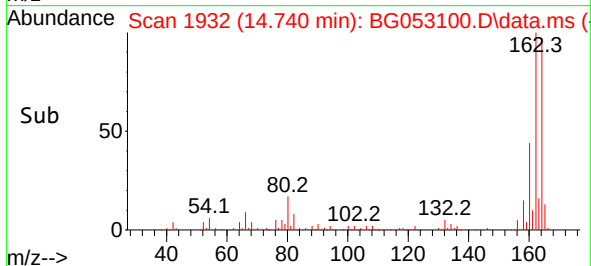
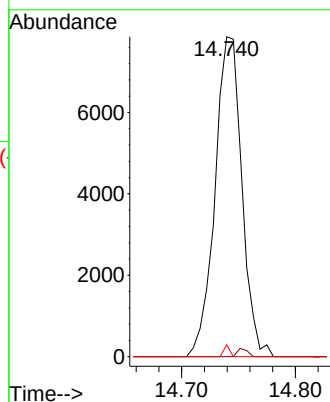
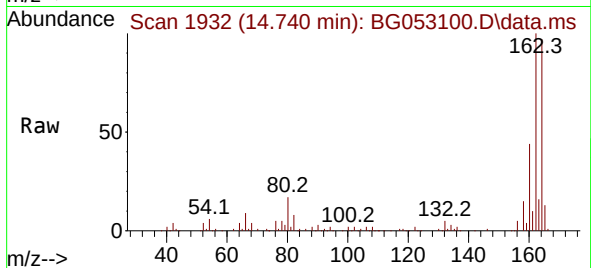
Tgt Ion:165 Resp: 12907

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 3.7 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.639 ng

RT: 14.740 min Scan# 1932

Delta R.T. -0.361 min

Lab File: BG053100.D

Acq: 11 Apr 2022 14:21

Tgt Ion:165 Resp: 12907

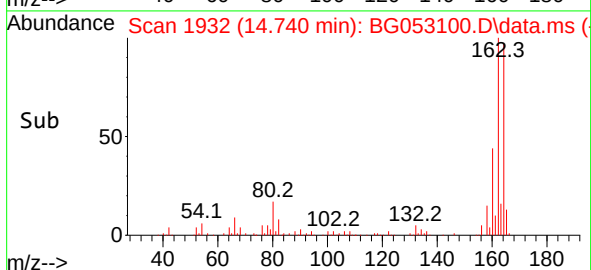
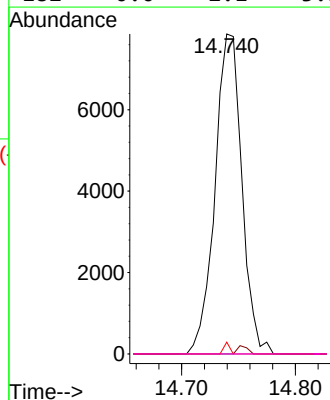
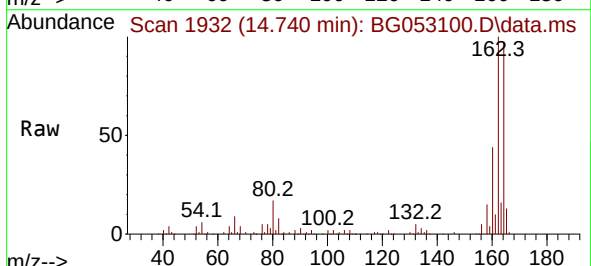
Ion Ratio Lower Upper

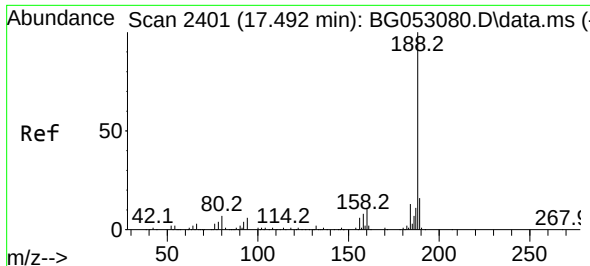
165 100

63 0.0 34.8 52.2#

89 3.7 57.4 86.0#

182 0.0 2.1 3.1#

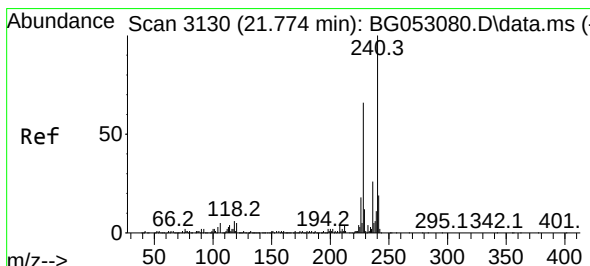
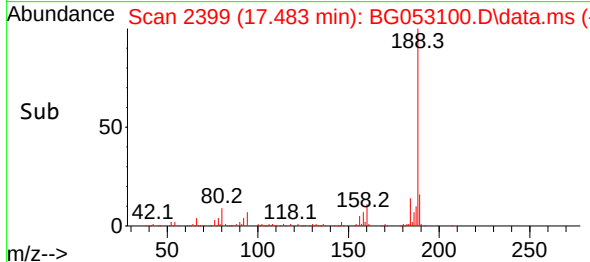
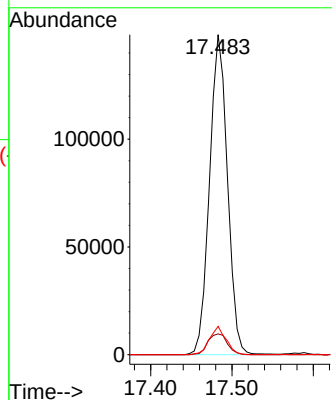
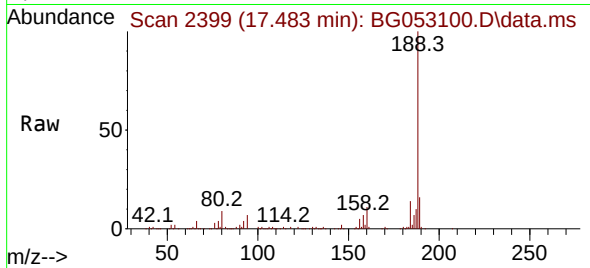




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

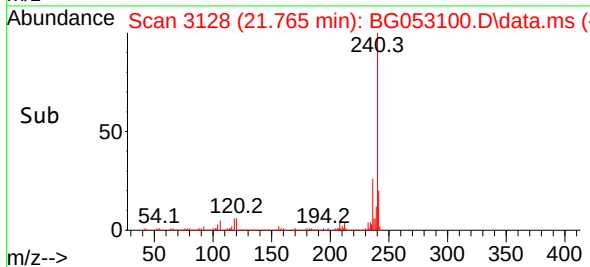
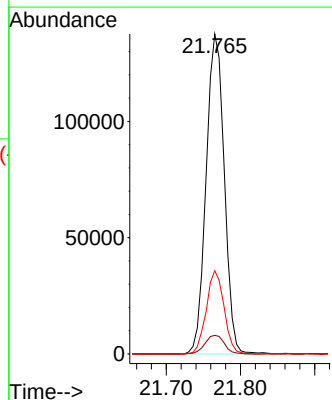
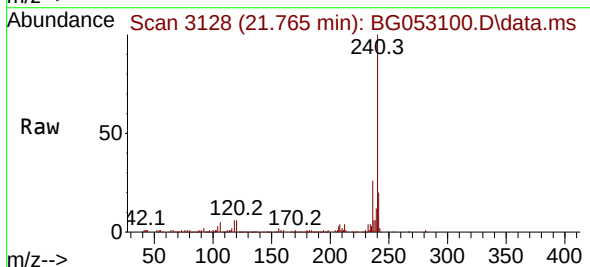
Instrument :
BNA_G
ClientSampleId :
MW-1

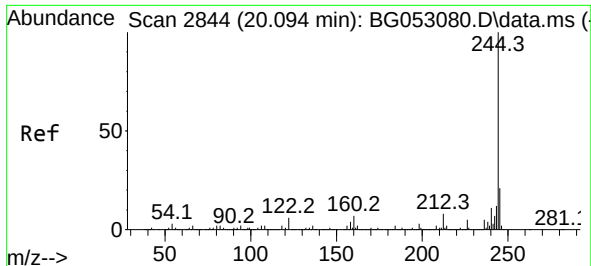
Tgt Ion:188 Resp: 227206
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053100.D
Acq: 11 Apr 2022 14:21

Tgt Ion:240 Resp: 233945
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 26.0 19.8 29.6

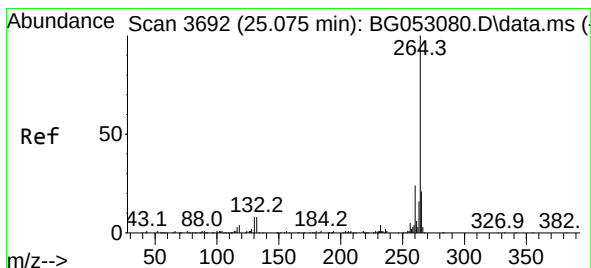
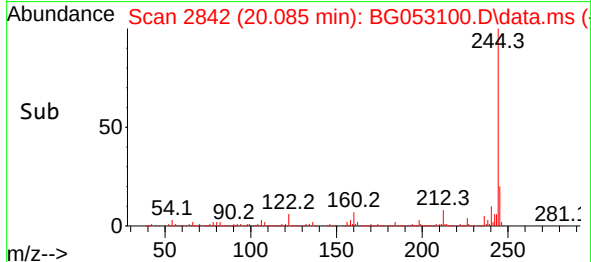
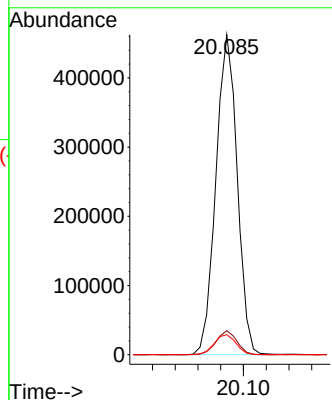
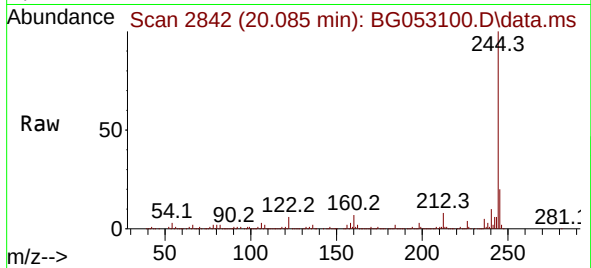




#79
 Terphenyl-d14
 Concen: 43.471 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053100.D
 Acq: 11 Apr 2022 14:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 602152
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.067 min Scan# 3690
 Delta R.T. -0.009 min
 Lab File: BG053100.D
 Acq: 11 Apr 2022 14:21

Tgt Ion:264 Resp: 243841
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.2 27.2
 265 20.7 15.1 22.7

