

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038393.D
 Acq On : 6 Dec 2018 22:28
 Operator : JU/SJ
 Sample : J6225-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 23:09:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

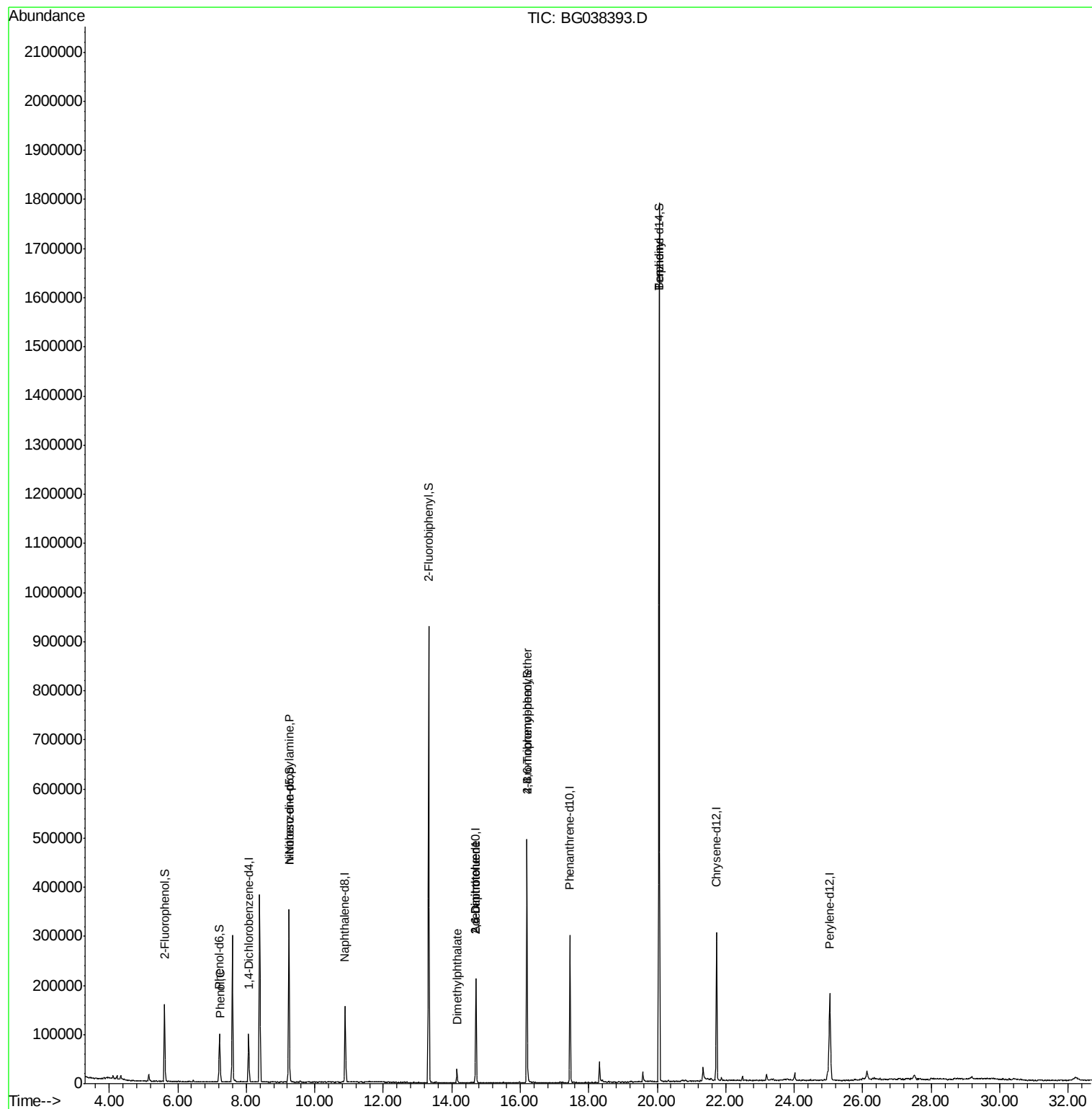
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27572	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	134288	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	76949	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	198780	20.00	ng	0.00
76) Chrysene-d12	21.73	240	192332	20.00	ng	-0.01
87) Perylene-d12	25.04	264	203595	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	70461	45.22	ng	0.00
7) Phenol-d6	7.21	99	59880	26.59	ng	-0.01
23) Nitrobenzene-d5	9.25	82	215218	79.57	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	99952	105.81	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	512130	94.83	ng	0.00
79) Terphenyl-d14	20.06	244	860194	95.81	ng	0.00
Target Compounds						
10) Phenol	7.24	94	10771	4.527	ng	80
19) n-Nitroso-di-n-propylamine	9.25	70	28588	16.112	ng	# 76
50) Dimethylphthalate	14.15	163	21025	3.407	ng	98
51) 2,6-Dinitrotoluene	14.70	165	9960	7.064	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9960	5.122	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6615	3.082	ng	# 1
77) Benzidine	20.06	184	14918	2.299	ng	# 93

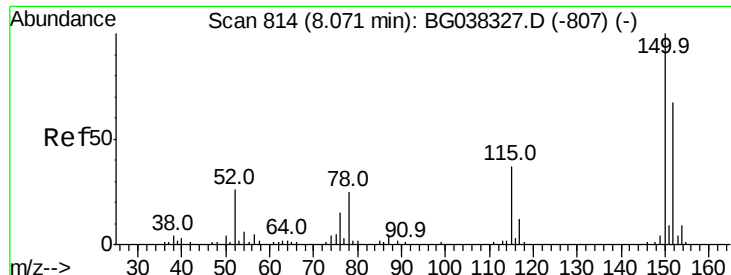
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
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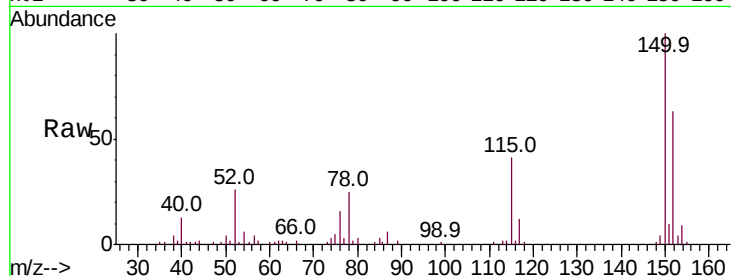


#1

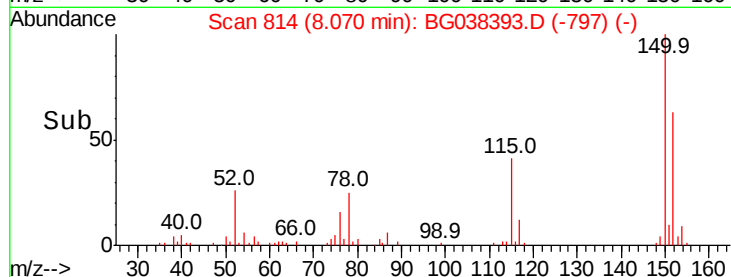
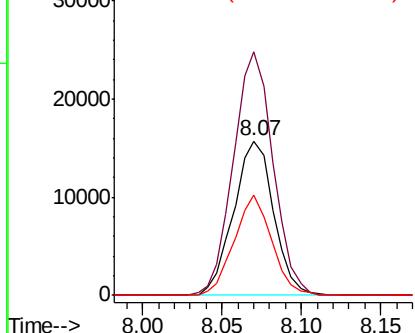
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038393.D
Acq: 6 Dec 2018 22:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27572
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 64.9 45.5 68.3



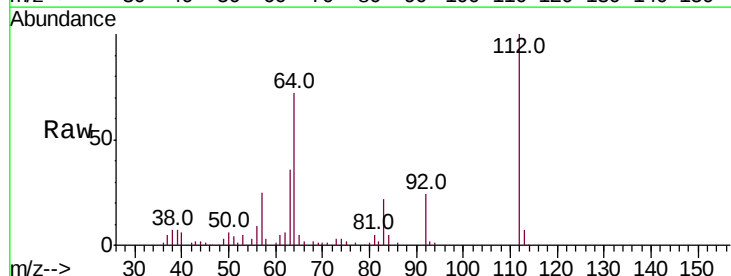
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



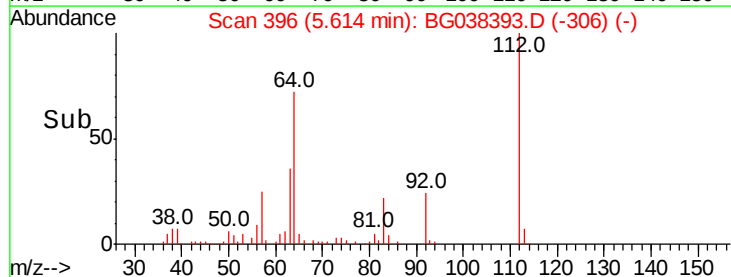
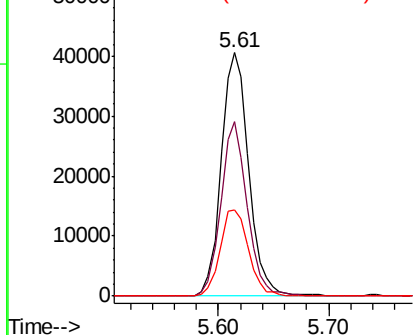
#5

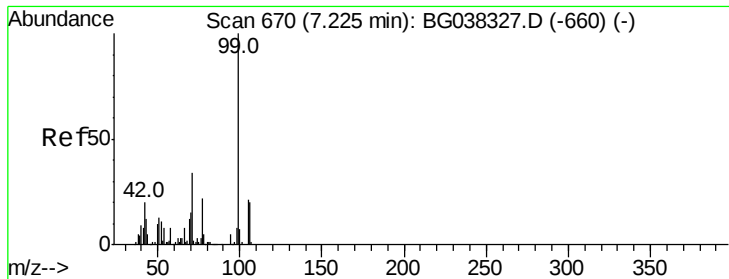
2-Fluorophenol
Concen: 45.224 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038393.D
Acq: 6 Dec 2018 22:28

Tgt Ion:112 Resp: 70461
Ion Ratio Lower Upper
112 100
64 71.7 53.1 79.7
63 35.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.591 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

Instrument :

BNA_G

ClientSampleId :

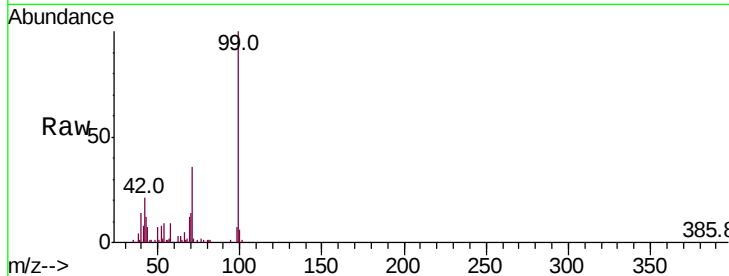
Tot Ion: 99 Resp: 59880

Ion Ratio Lower Upper

99 100

42 21.0 15.0 22.4

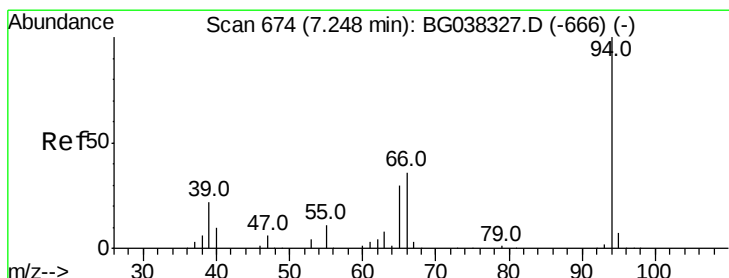
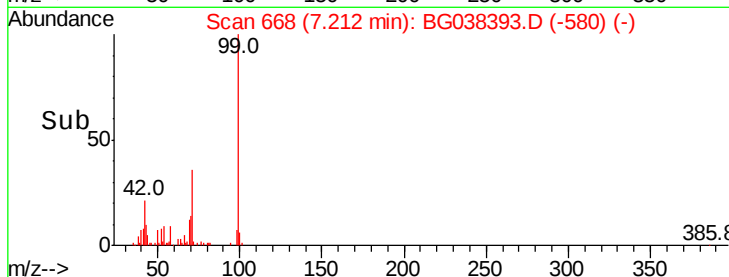
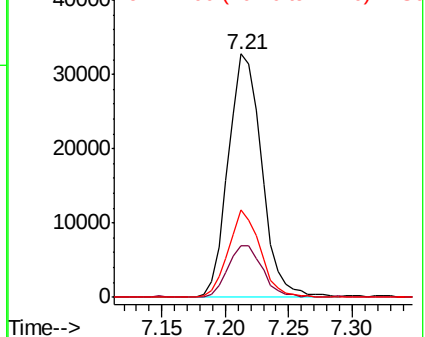
71 35.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 4.527 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

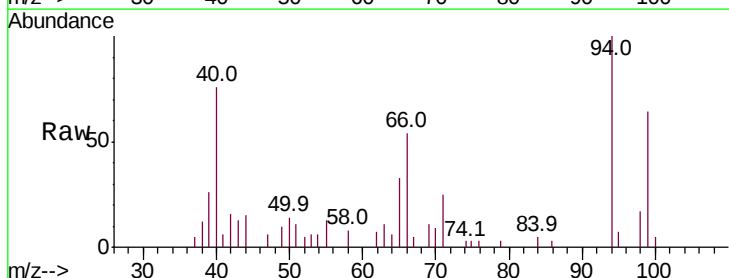
Tgt Ion: 94 Resp: 10771

Ion Ratio Lower Upper

94 100

65 33.2 9.7 49.7

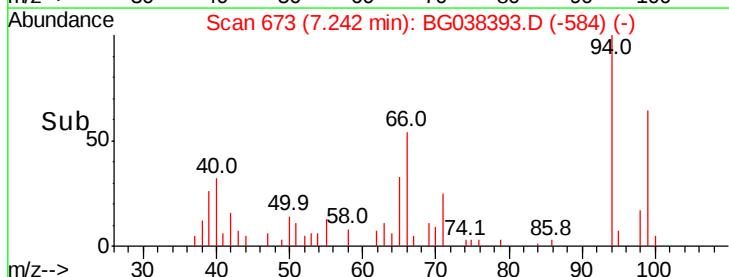
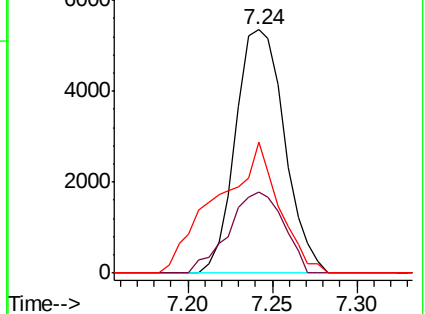
66 53.7 15.9 55.9

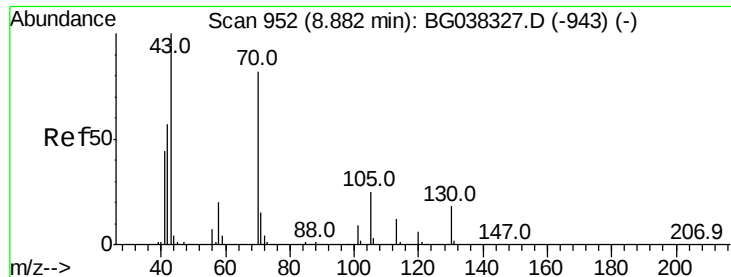


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

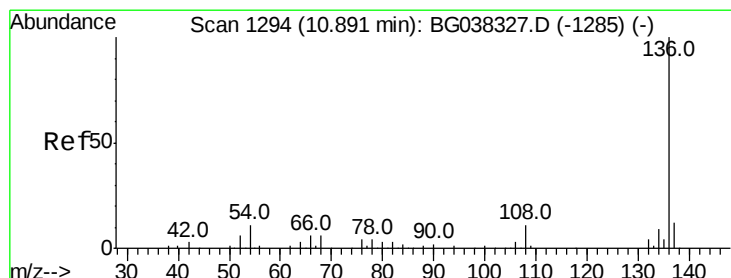
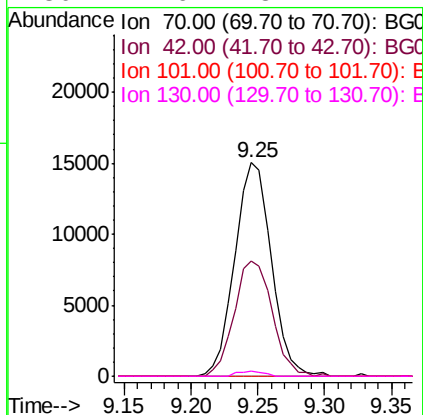
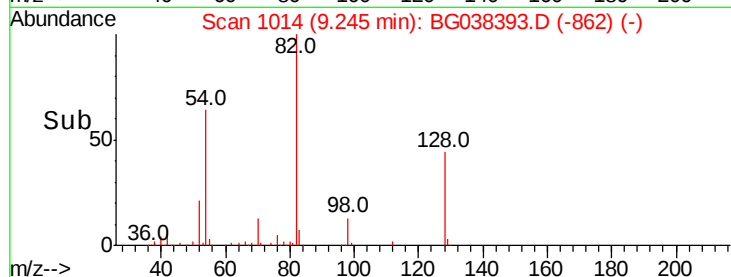
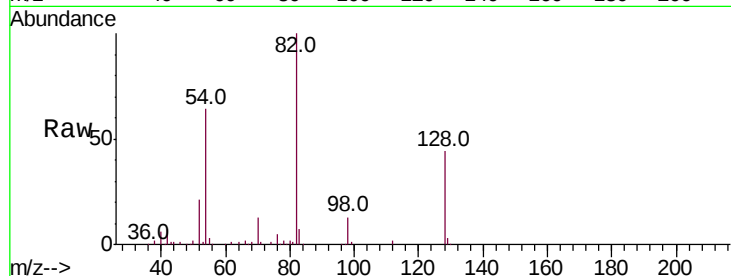




#19
n-Nitroso-di-n-propylamine
Concen: 16.112 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038393.D
Acq: 6 Dec 2018 22:28

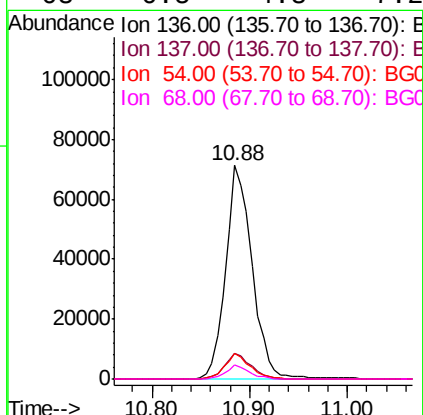
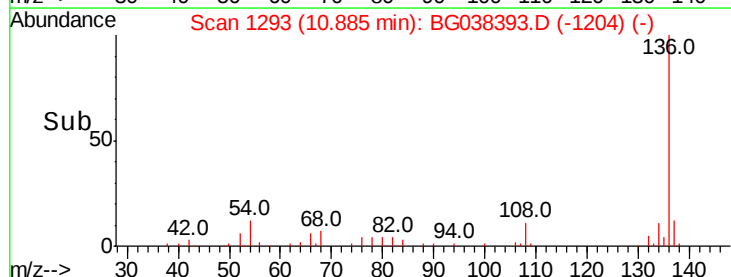
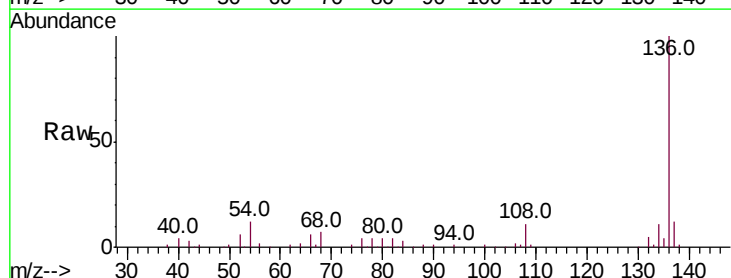
Instrument :
BNA_G
ClientSampleId :

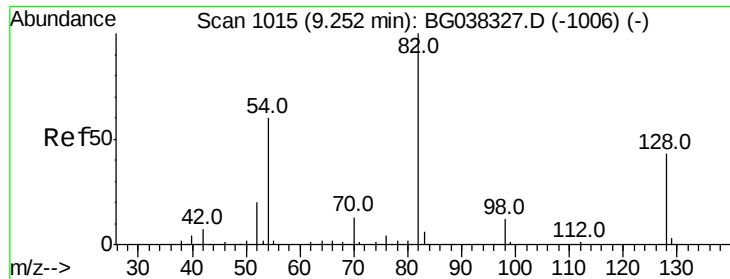
Tot Ion: 70 Resp: 28588
Ion Ratio Lower Upper
70 100
42 54.0 53.9 80.9
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038393.D
Acq: 6 Dec 2018 22:28

Tgt Ion:136 Resp: 134288
Ion Ratio Lower Upper
136 100
137 12.1 9.6 14.4
54 11.8 7.9 11.9
68 6.5 4.8 7.2

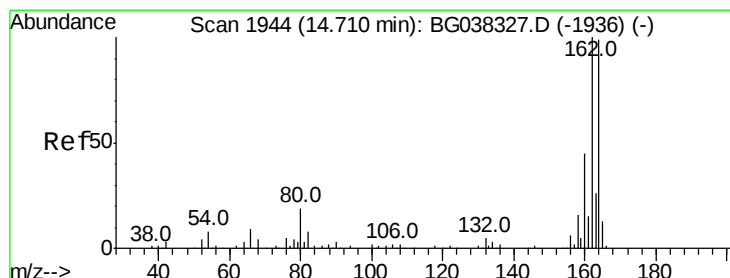
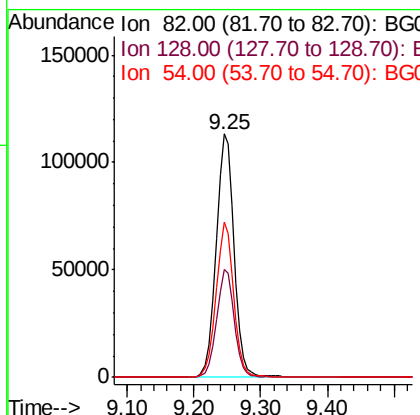
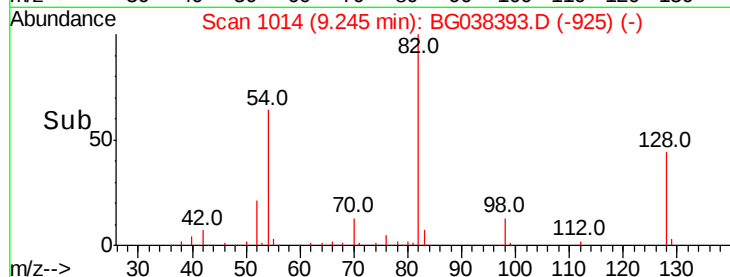
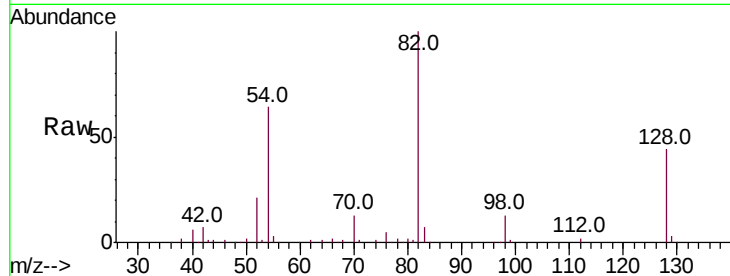




#23
 Nitrobenzene-d5
 Concen: 79.569 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

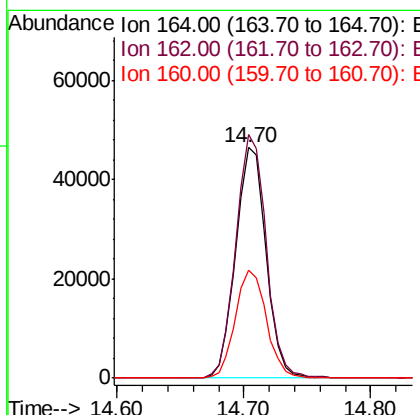
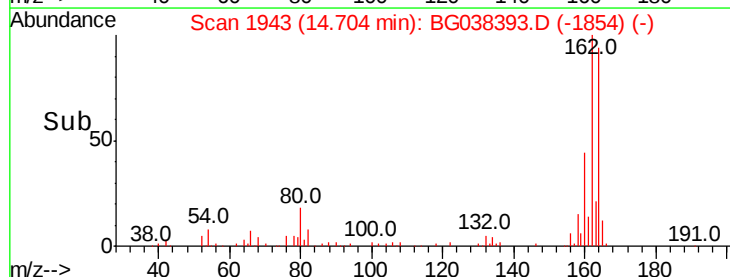
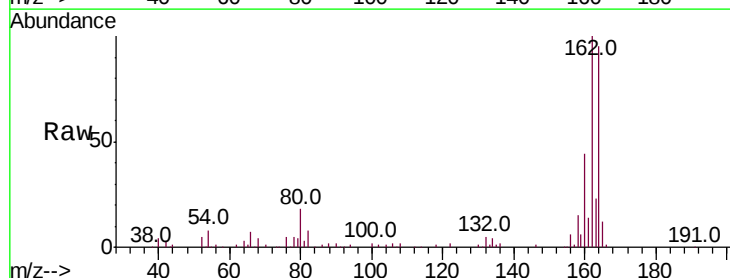
Instrument :
 BNA_G
 ClientSampled :

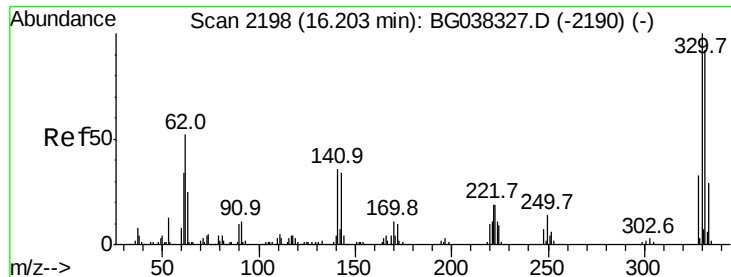
Tot Ion: 82 Resp: 215218
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 51.8
 54 63.7 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

Tgt Ion:164 Resp: 76949
 Ion Ratio Lower Upper
 164 100
 162 105.6 81.3 121.9
 160 46.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 105.809 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

Instrument :

BNA_G

ClientSampleId :

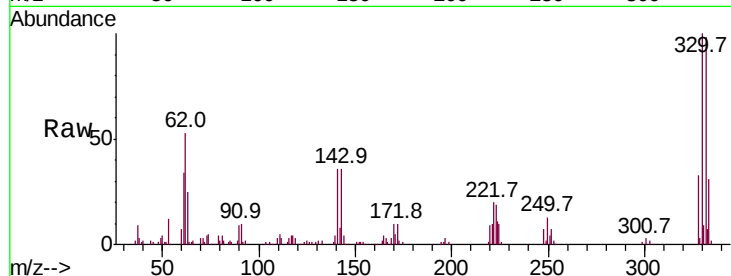
Tot Ion:330 Resp: 99952

Ion Ratio Lower Upper

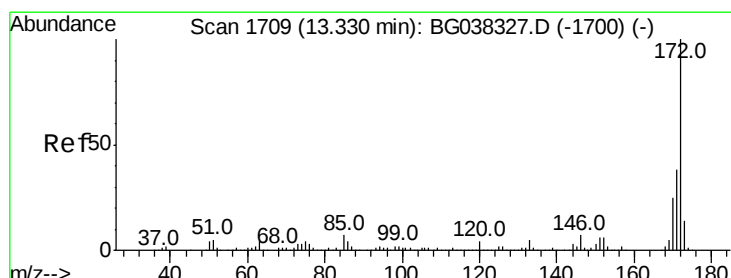
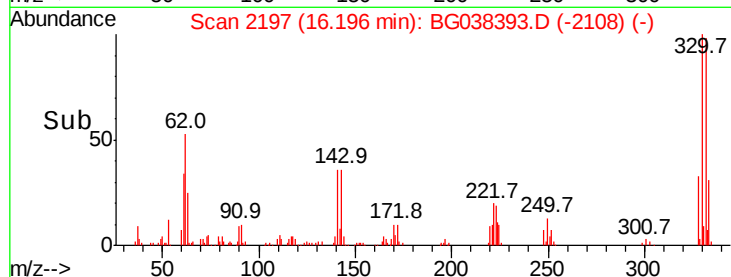
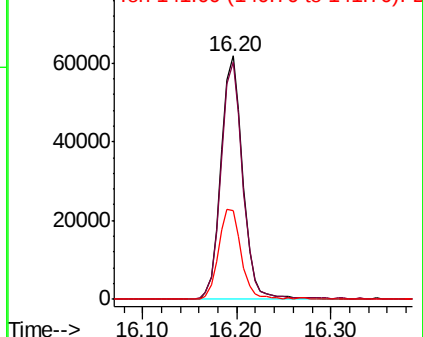
330 100

332 97.7 78.4 117.6

141 38.5 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 94.834 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

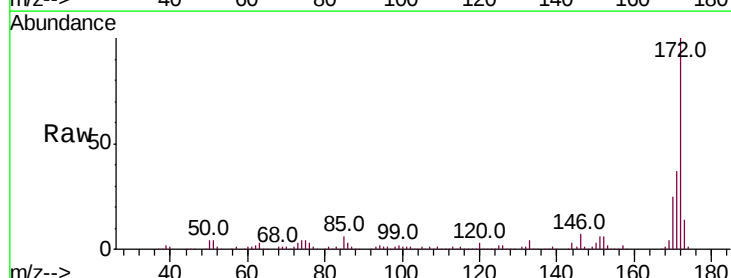
Tgt Ion:172 Resp: 512130

Ion Ratio Lower Upper

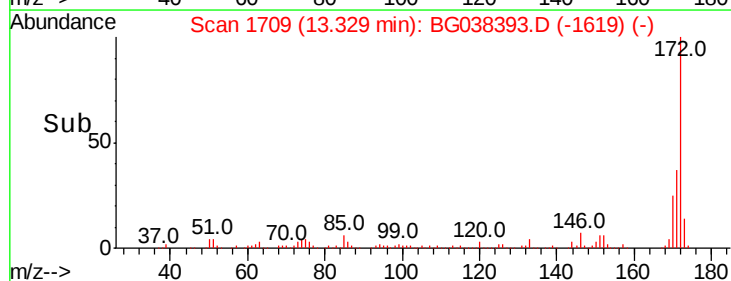
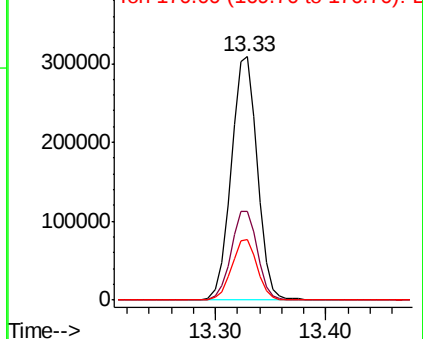
172 100

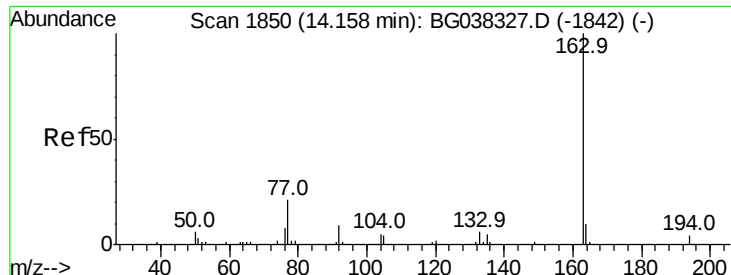
171 36.6 31.0 46.4

170 24.8 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.407 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

Instrument :

BNA_G

ClientSampleId :

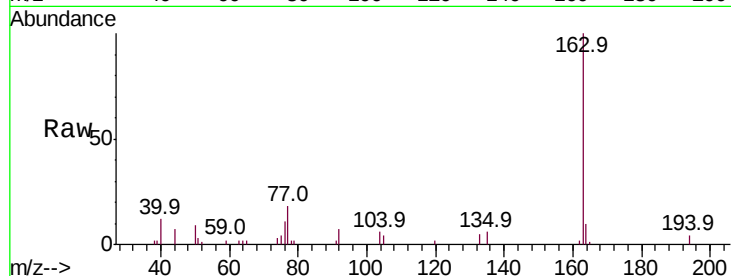
Tot Ion:163 Resp: 21025

Ion Ratio Lower Upper

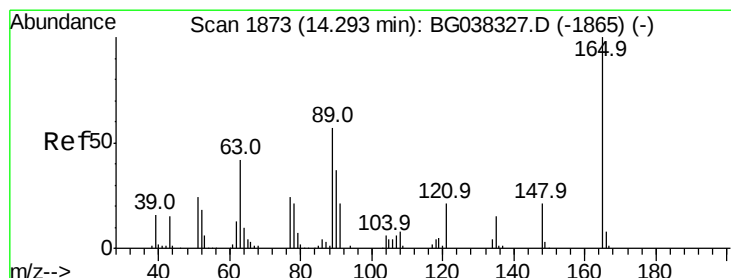
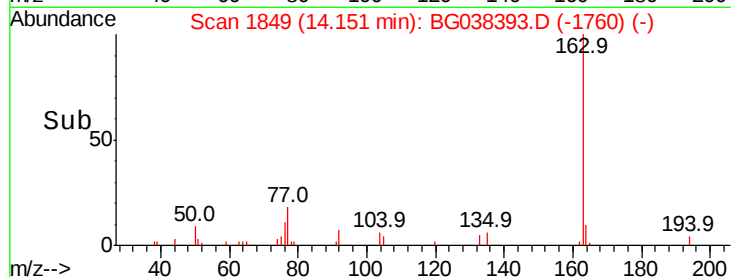
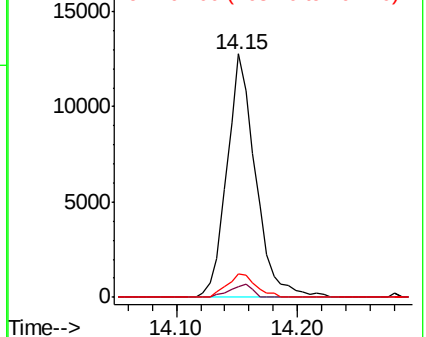
163 100

194 4.3 3.5 5.3

164 9.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.064 ng

RT: 14.70 min Scan# 1943

Delta R.T. 0.41 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

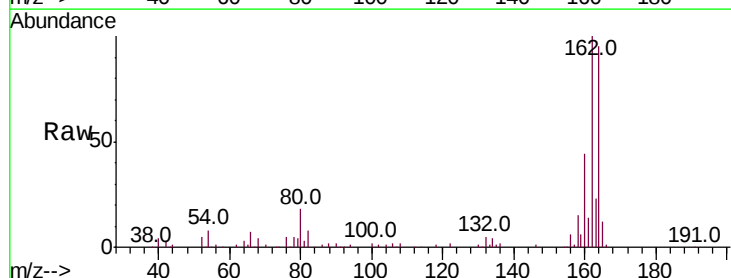
Tgt Ion:165 Resp: 9960

Ion Ratio Lower Upper

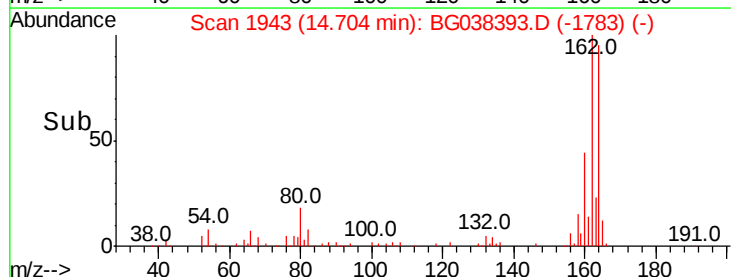
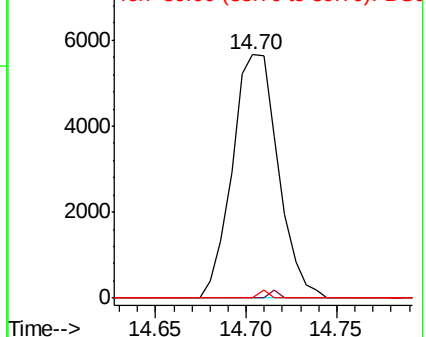
165 100

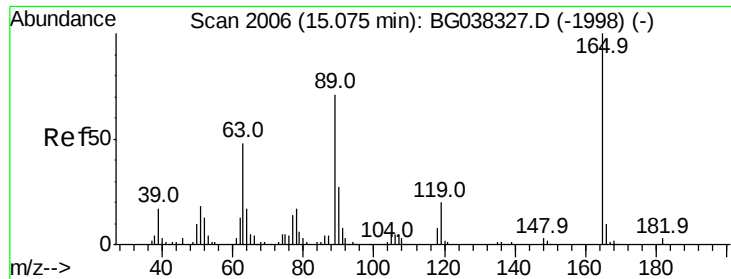
63 0.0 43.4 65.2#

89 0.0 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

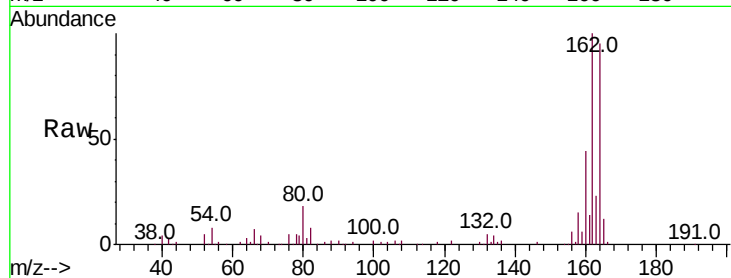




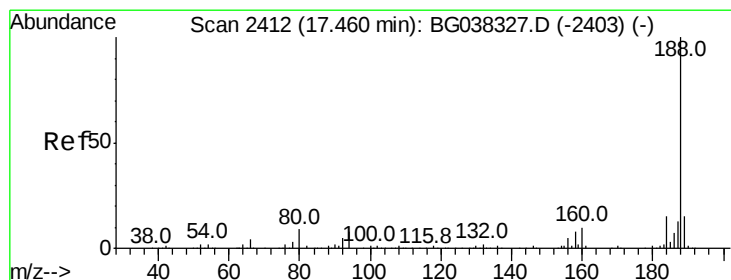
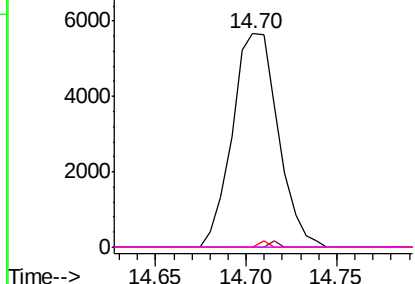
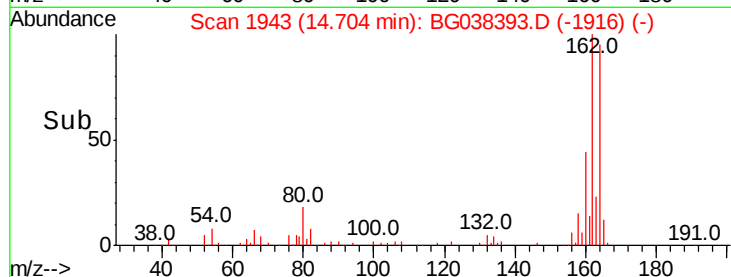
#57
 2,4-Dinitrotoluene
 Concen: 5.122 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9960
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#

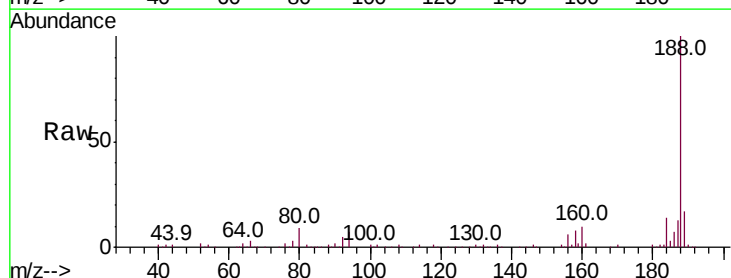


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

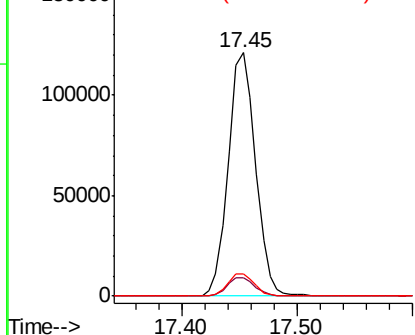
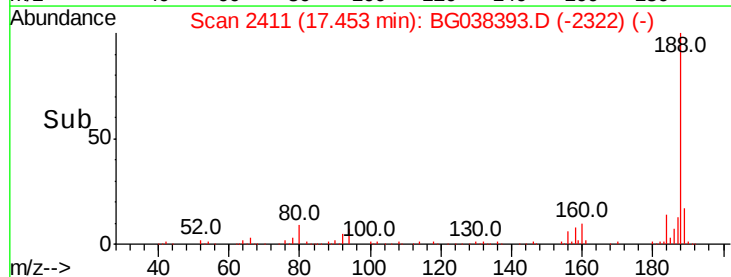


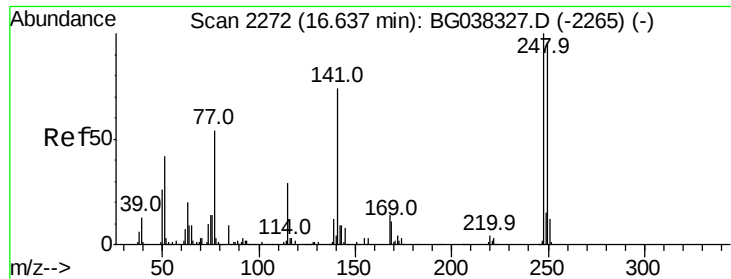
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

Tgt Ion:188 Resp: 198780
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.2 10.8
 80 9.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

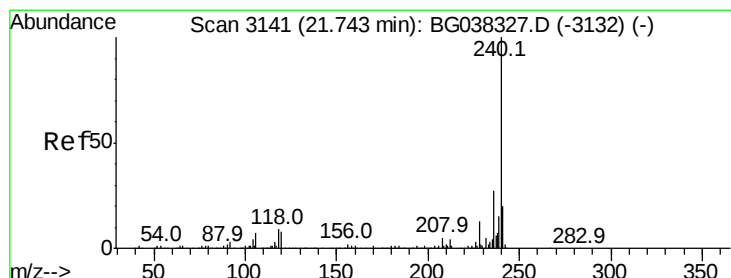
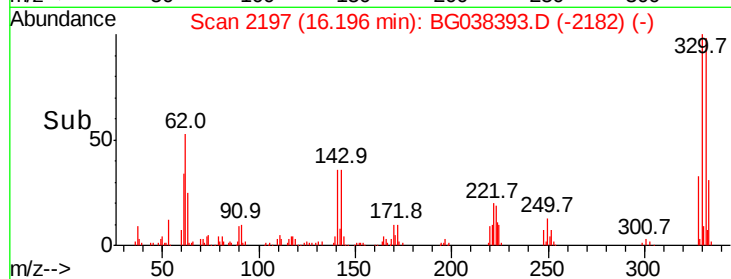
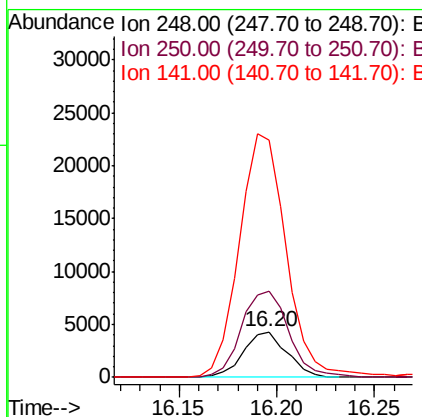
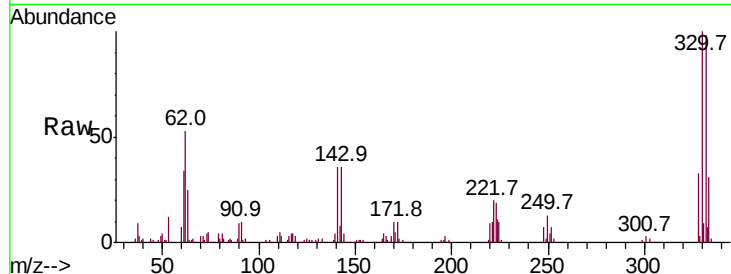




#67
 4-Bromophenyl-phenylether
 Concen: 3.082 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

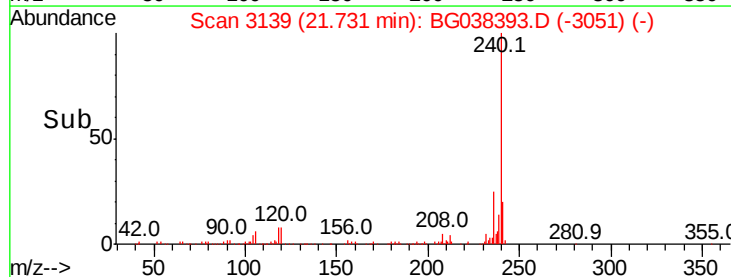
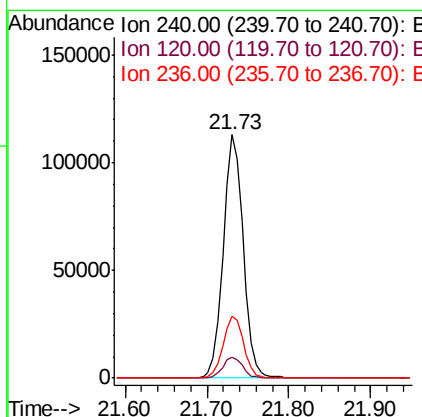
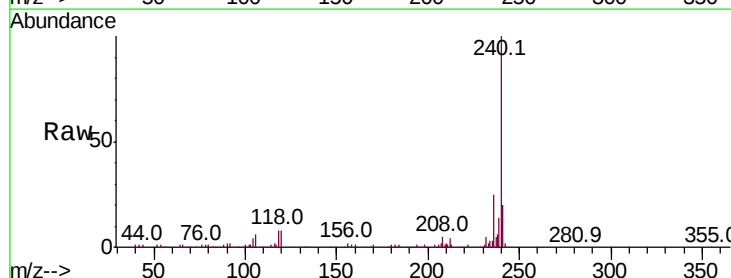
Instrument :
 BNA_G
 ClientSampleId :

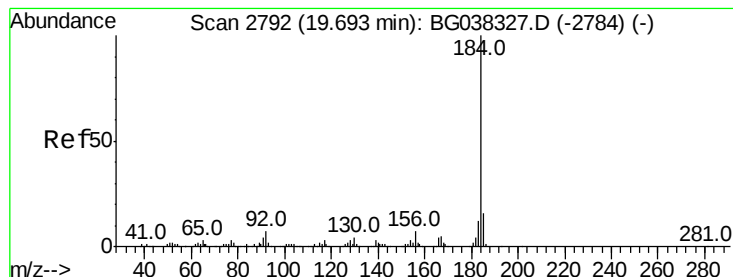
Tot Ion:248 Resp: 6615
 Ion Ratio Lower Upper
 248 100
 250 193.5 77.0 115.6#
 141 414.5 55.5 83.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

Tgt Ion:240 Resp: 192332
 Ion Ratio Lower Upper
 240 100
 120 8.4 8.1 12.1
 236 25.3 21.4 32.0





#77

Benzidine

Concen: 2.299 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.36 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

Instrument :

BNA_G

ClientSampleId :

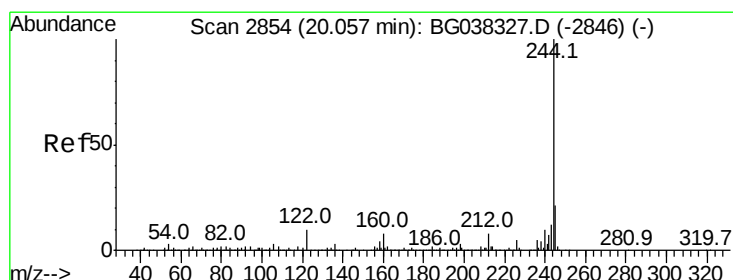
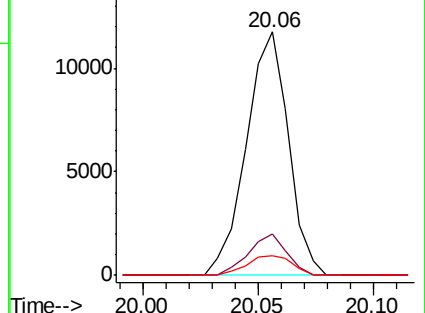
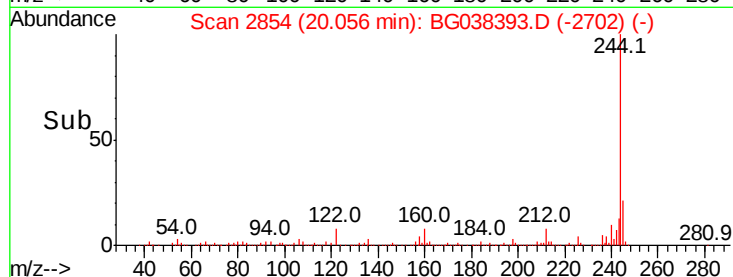
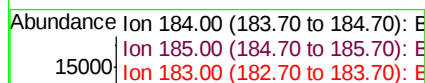
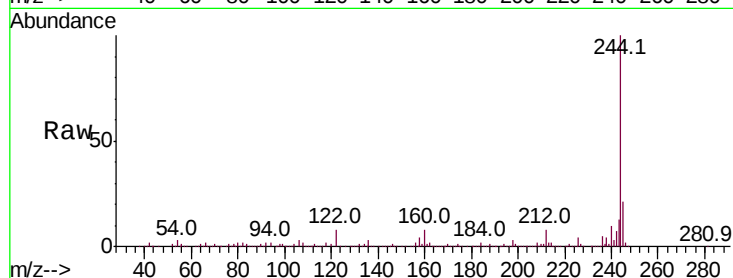
Tot Ion:184 Resp: 14918

Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

183 7.8 10.2 15.2#



#79

Terphenyl-d14

Concen: 95.811 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038393.D

Acq: 6 Dec 2018 22:28

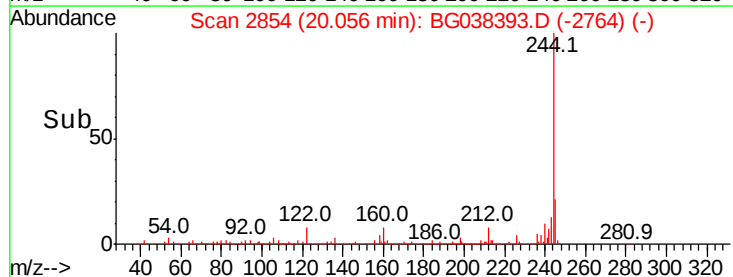
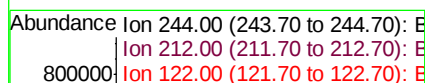
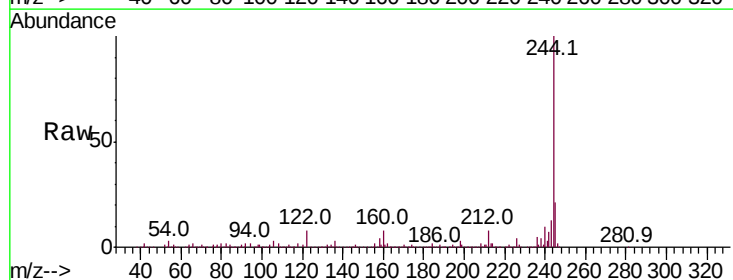
Tgt Ion:244 Resp: 860194

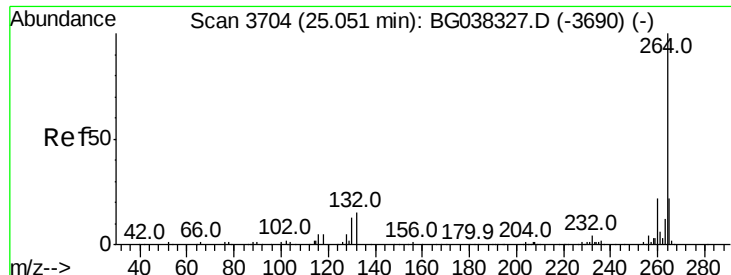
Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.5 9.0 13.4#

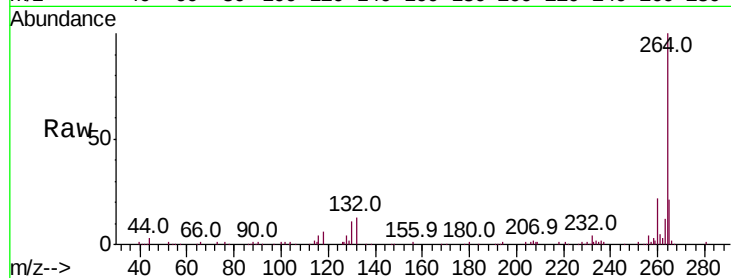




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038393.D
 Acq: 6 Dec 2018 22:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.4	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

