

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022317.D
 Acq On : 11 Jun 2016 11:17
 Operator : UM/SJ
 Sample : PB91233BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

Quant Time: Jun 12 02:58:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

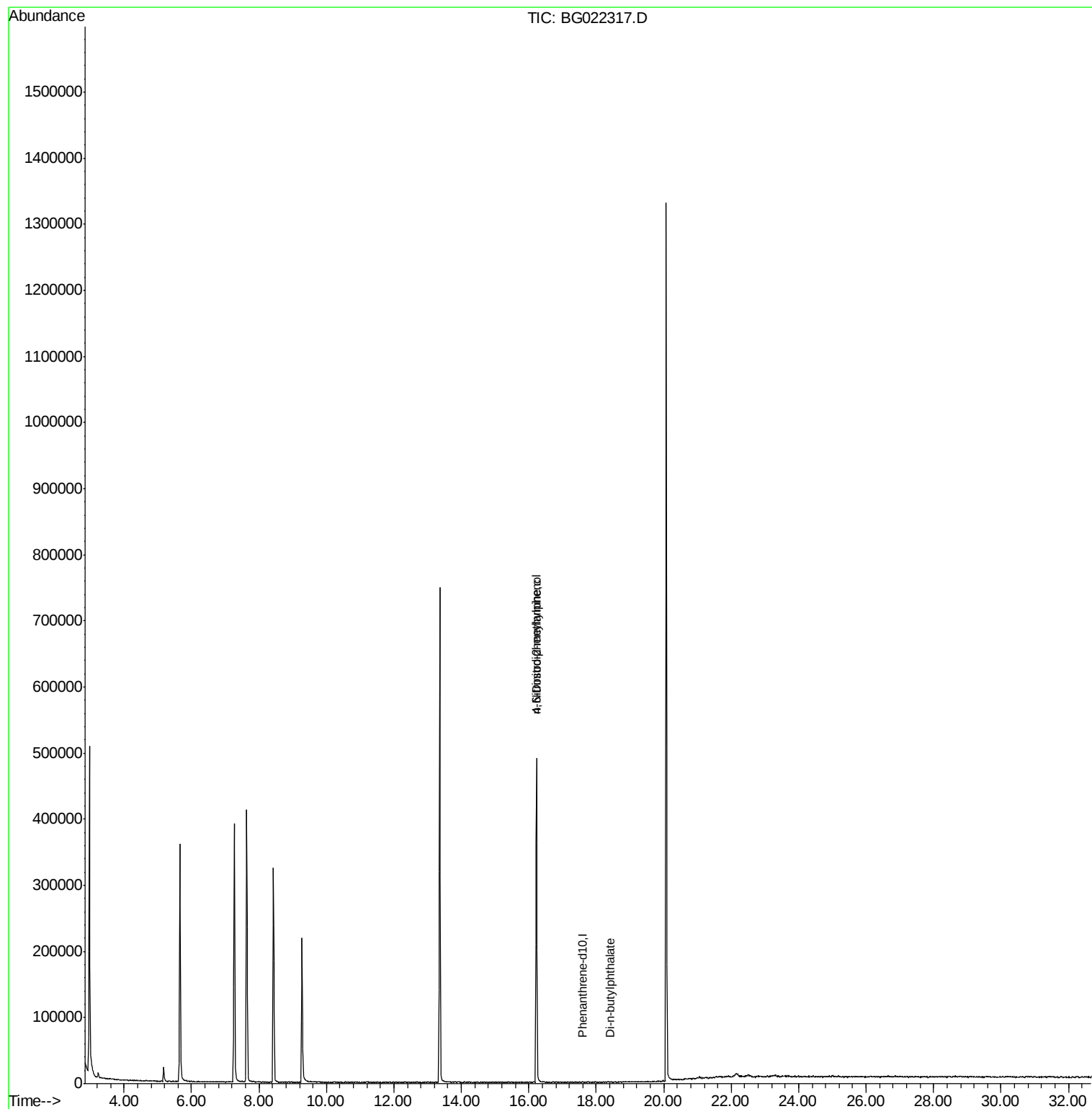
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.12
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.94
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.75
63) Phenanthrene-d10	17.60	188	760	20.00	ng	0.10
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.77
86) Perylene-d12	0.00	264	0	0.00	ng	-25.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	242591	0.00	ng	-0.01
7) Phenol-d6	7.27	99	334588	0.00	ng	0.00
23) Nitrobenzene-d5	9.28	82	178505	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	107950	0.00	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	450809	0.00	ng	0.00
78) Terphenyl-d14	20.08	244	631084	0.00	ng	0.00
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	16.23	198	187	48.47	ng	# 61
65) n-Nitrosodiphenylamine	16.23	169	4457	203.58	ng	# 48
73) Di-n-butylphthalate	18.42	149	258	5.09	ng	# 78

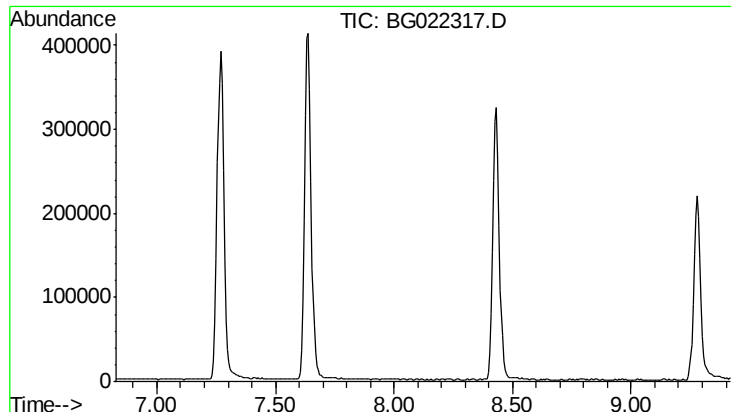
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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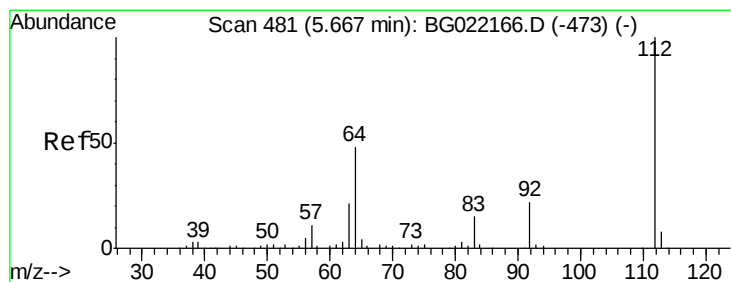
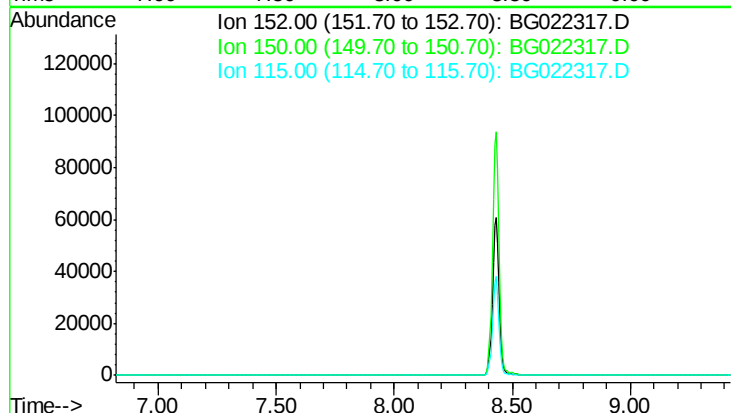




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.12 min
 Lab File: BG022317.D
 Acq: 11 Jun 2016 11:17

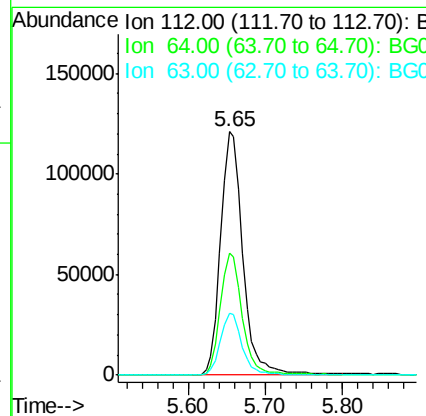
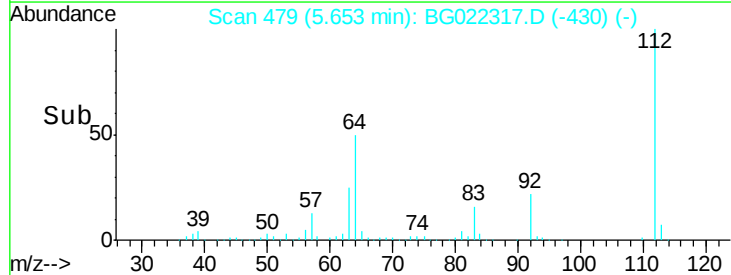
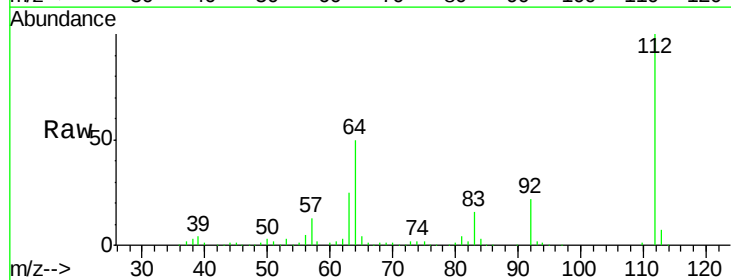
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 162.6
 115 77.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG022317.D
 Acq: 11 Jun 2016 11:17

Tgt Ion: 112 Resp: 242591
 Ion Ratio Lower Upper
 112 100
 64 49.9 51.1 76.7#
 63 25.4 24.6 37.0





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

Instrument :

BNA_G

ClientSampleId :

PB91233BL

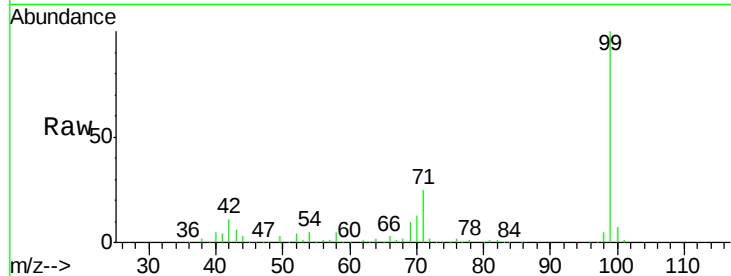
Tgt Ion: 99 Resp: 334588

Ion Ratio Lower Upper

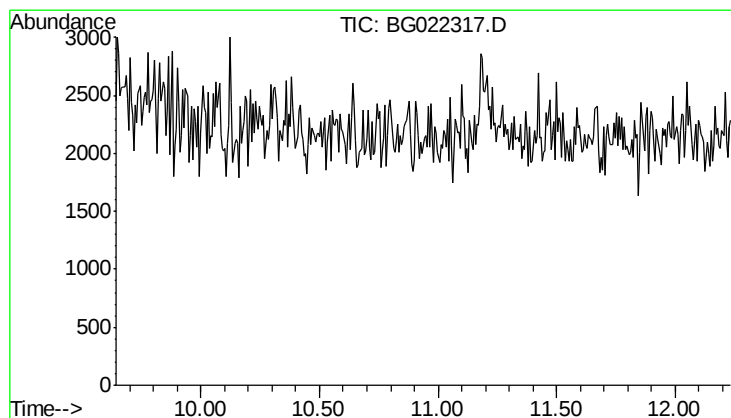
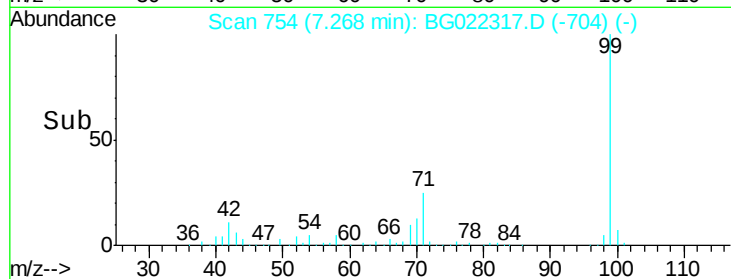
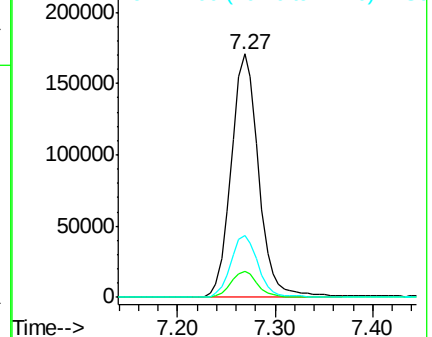
99 100

42 10.5 16.4 24.6#

71 25.3 25.0 37.4



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



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.94 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

Tgt Ion: 136

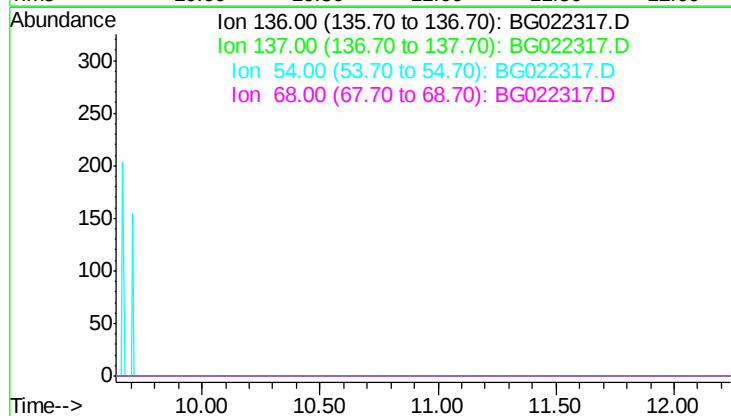
Sig Exp Ratio

136 100

137 11.2

54 12.0

68 8.0

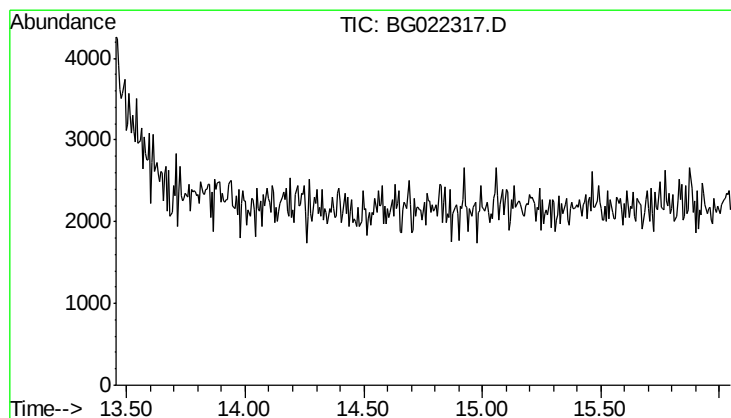
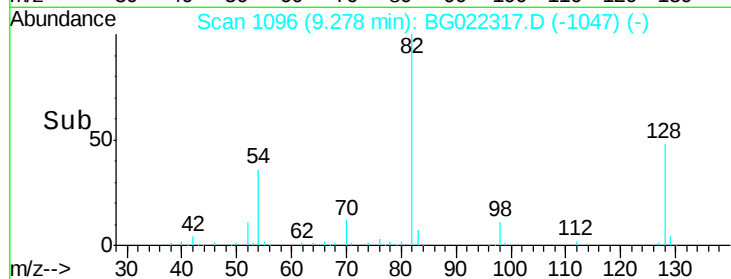
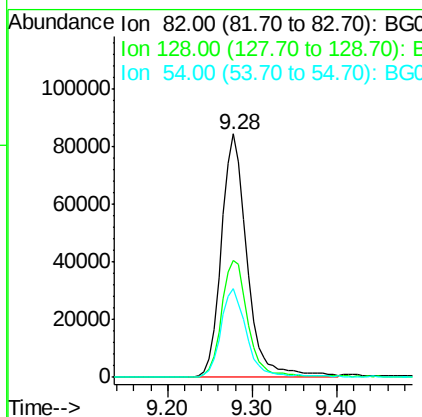
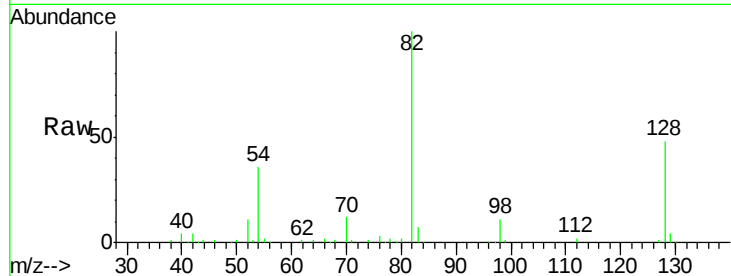




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022317.D
 Acq: 11 Jun 2016 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

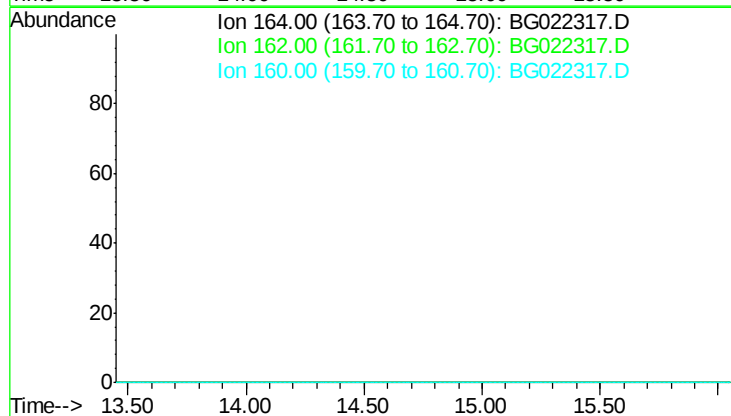
Tgt Ion: 82 Resp: 178505
 Ion Ratio Lower Upper
 82 100
 128 48.1 33.4 50.0
 54 36.3 46.1 69.1#

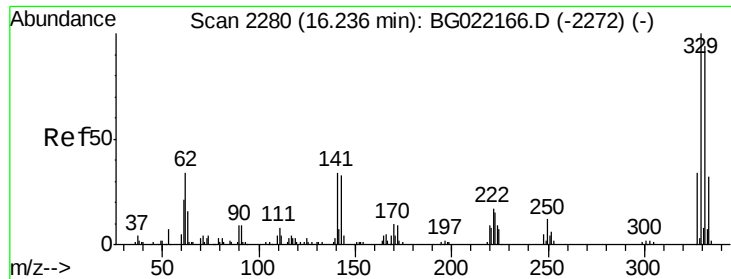


#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.75 min

Lab File: BG022317.D
 Acq: 11 Jun 2016 11:17

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 97.5
 160 41.1

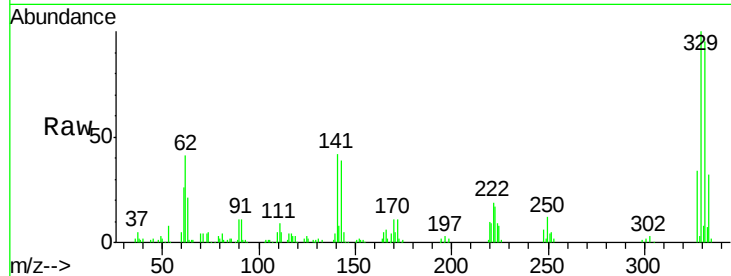




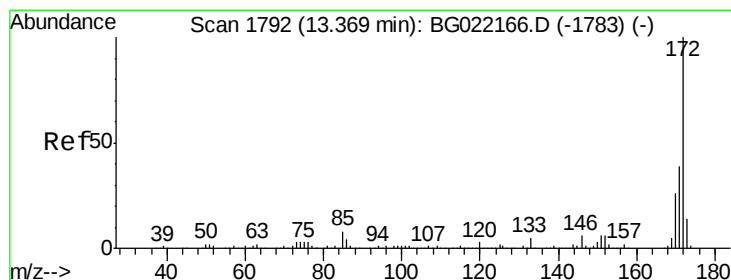
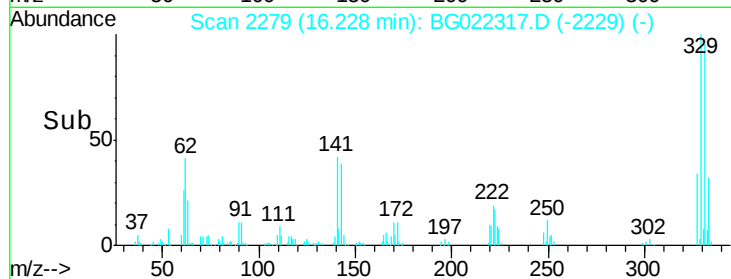
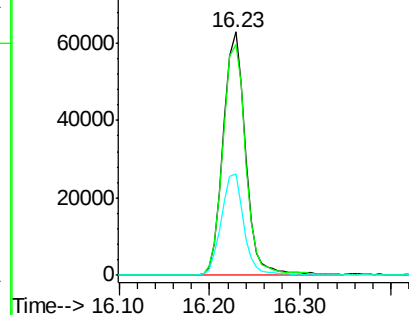
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022317.D
 Acq: 11 Jun 2016 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	42.0	33.8	50.8

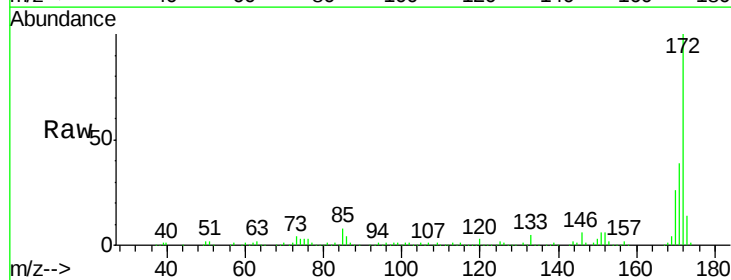


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

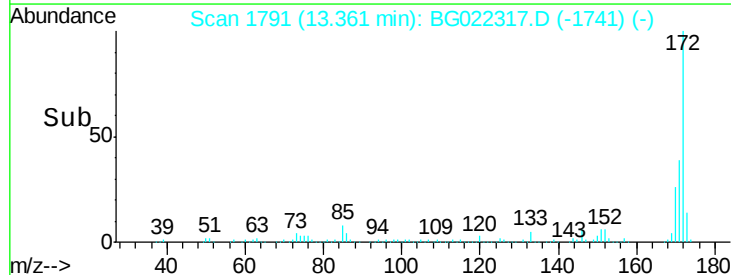
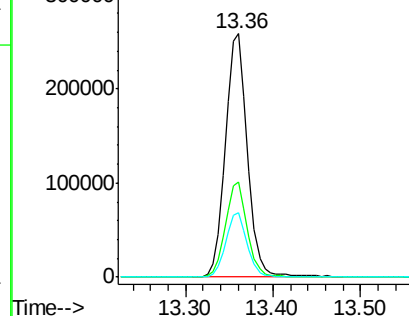


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022317.D
 Acq: 11 Jun 2016 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	27.8	41.6
170	26.4	19.6	29.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.10 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

Instrument :

BNA_G

ClientSampleId :

PB91233BL

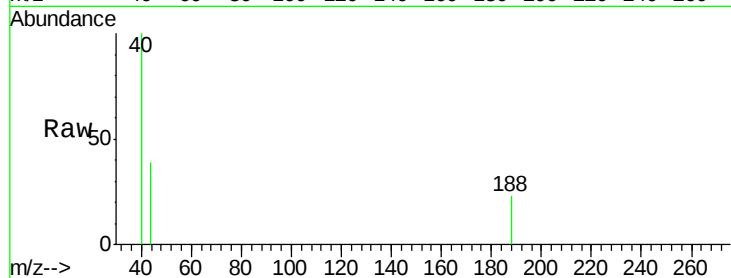
Tgt Ion:188 Resp: 760

Ion Ratio Lower Upper

188 100

94 0.0 7.5 11.3#

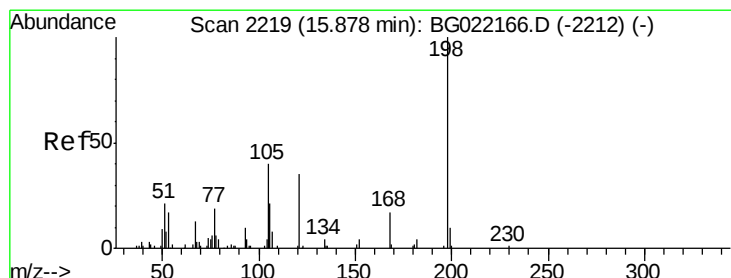
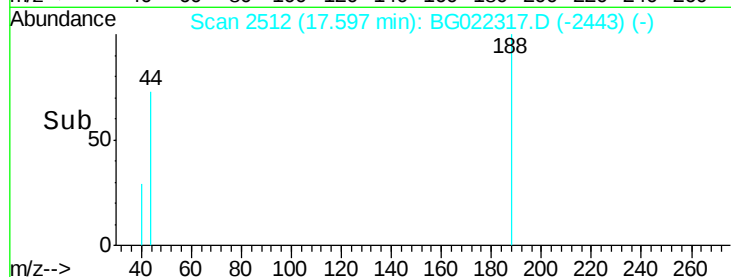
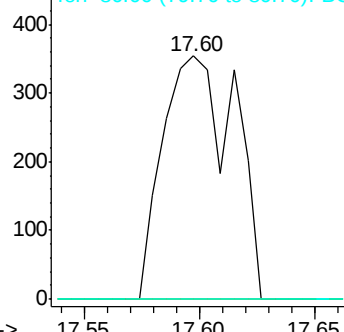
80 0.0 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.47 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.35 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

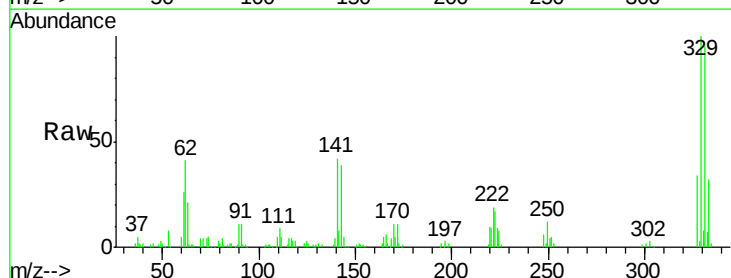
Tgt Ion:198 Resp: 187

Ion Ratio Lower Upper

198 100

51 14.2 29.2 69.2#

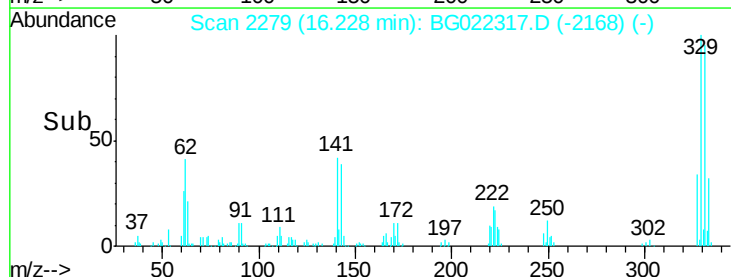
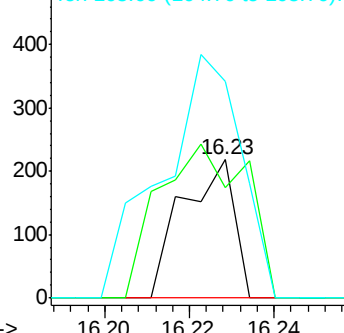
105 27.8 24.0 64.0

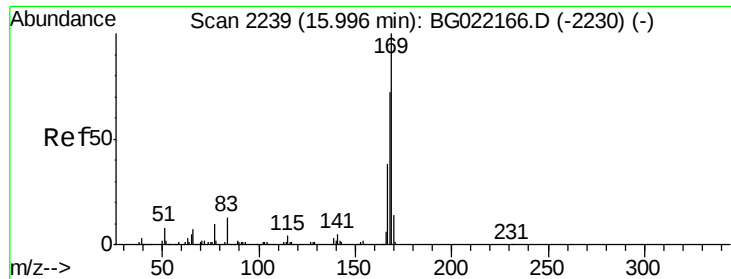


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 203.58 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.23 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

Instrument :

BNA_G

ClientSampleId :

PB91233BL

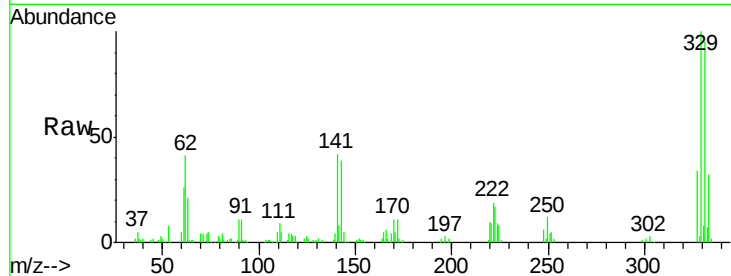
Tgt Ion:169 Resp: 4457

Ion Ratio Lower Upper

169 100

168 9.7 59.6 89.4#

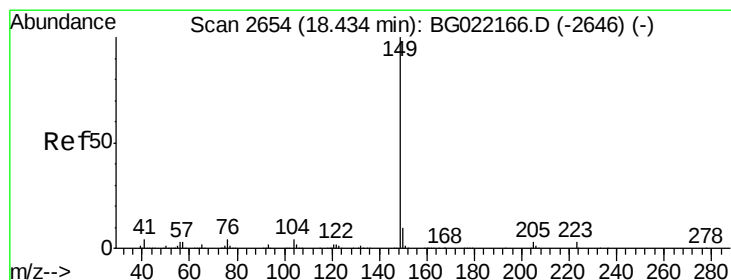
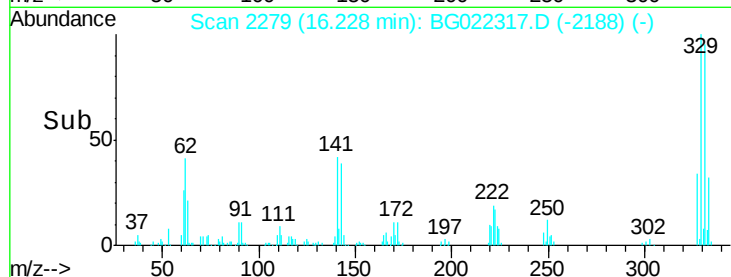
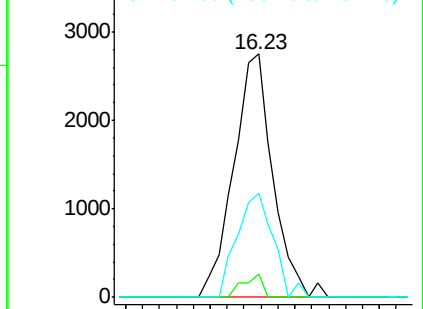
167 42.7 31.2 46.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#73

Di-n-butylphthalate

Concen: 5.09 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

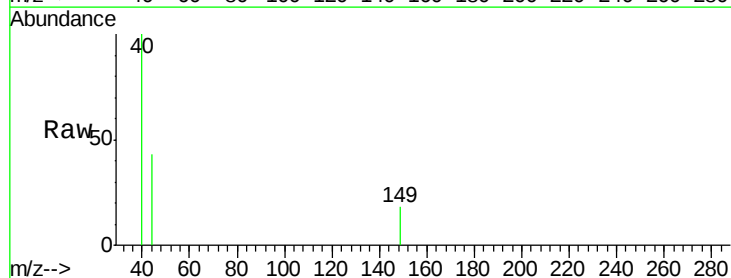
Tgt Ion:149 Resp: 258

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

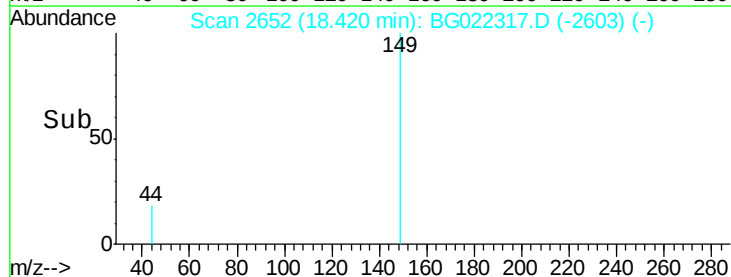
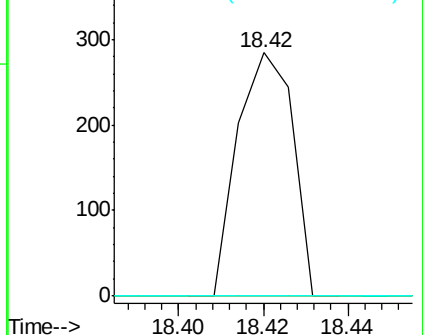
104 0.0 4.0 6.0#

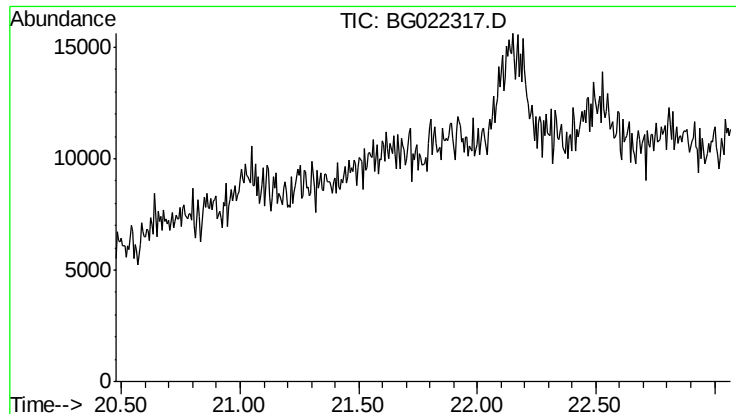


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 21.77 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

Instrument :

BNA_G

ClientSampleId :

PB91233BL

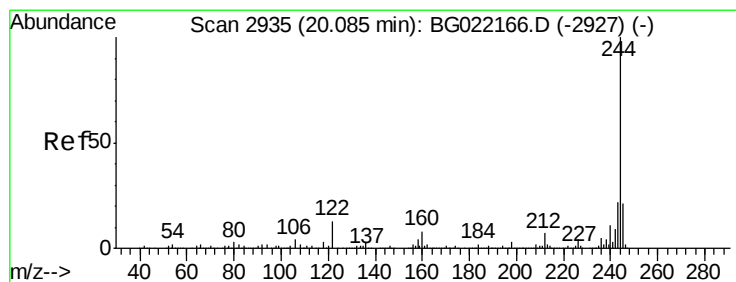
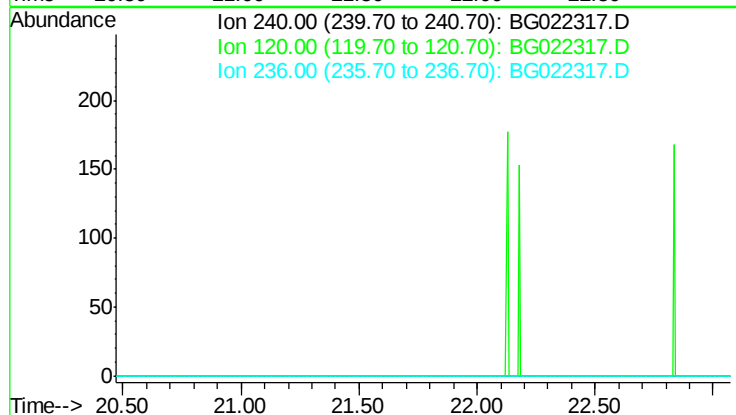
Tgt Ion: 240

Sig Exp Ratio

240 100

120 10.5

236 24.5



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022317.D

Acq: 11 Jun 2016 11:17

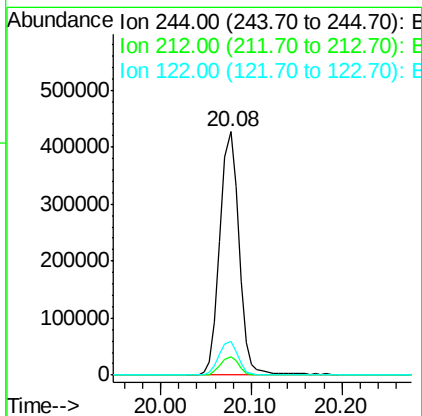
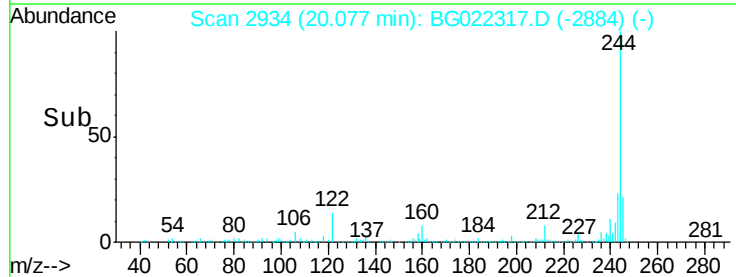
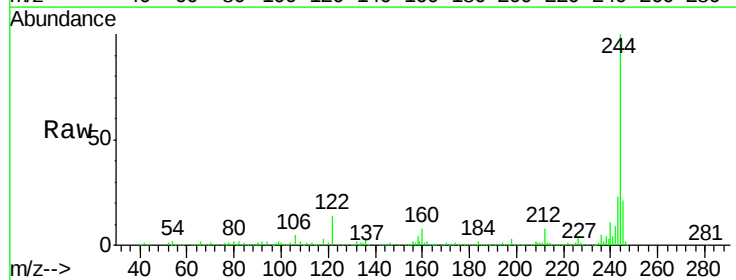
Tgt Ion: 244 Resp: 631084

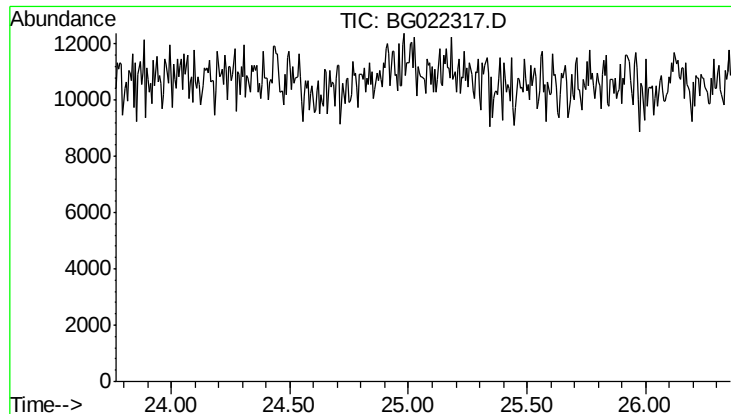
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 13.8 8.6 12.8#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 25.06 min
Lab File: BG022317.D
Acq: 11 Jun 2016 11:17

Instrument :
BNA_G
ClientSampleId :
PB91233BL

Tgt Ion:	264
Sig	Exp Ratio
264	100
260	25.3
265	22.3

