

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017691.D
 Acq On : 15 Jun 2015 15:46
 Operator : TP/IZ
 Sample : G2522-23DL2 400X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL2

Quant Time: Jun 16 12:05:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

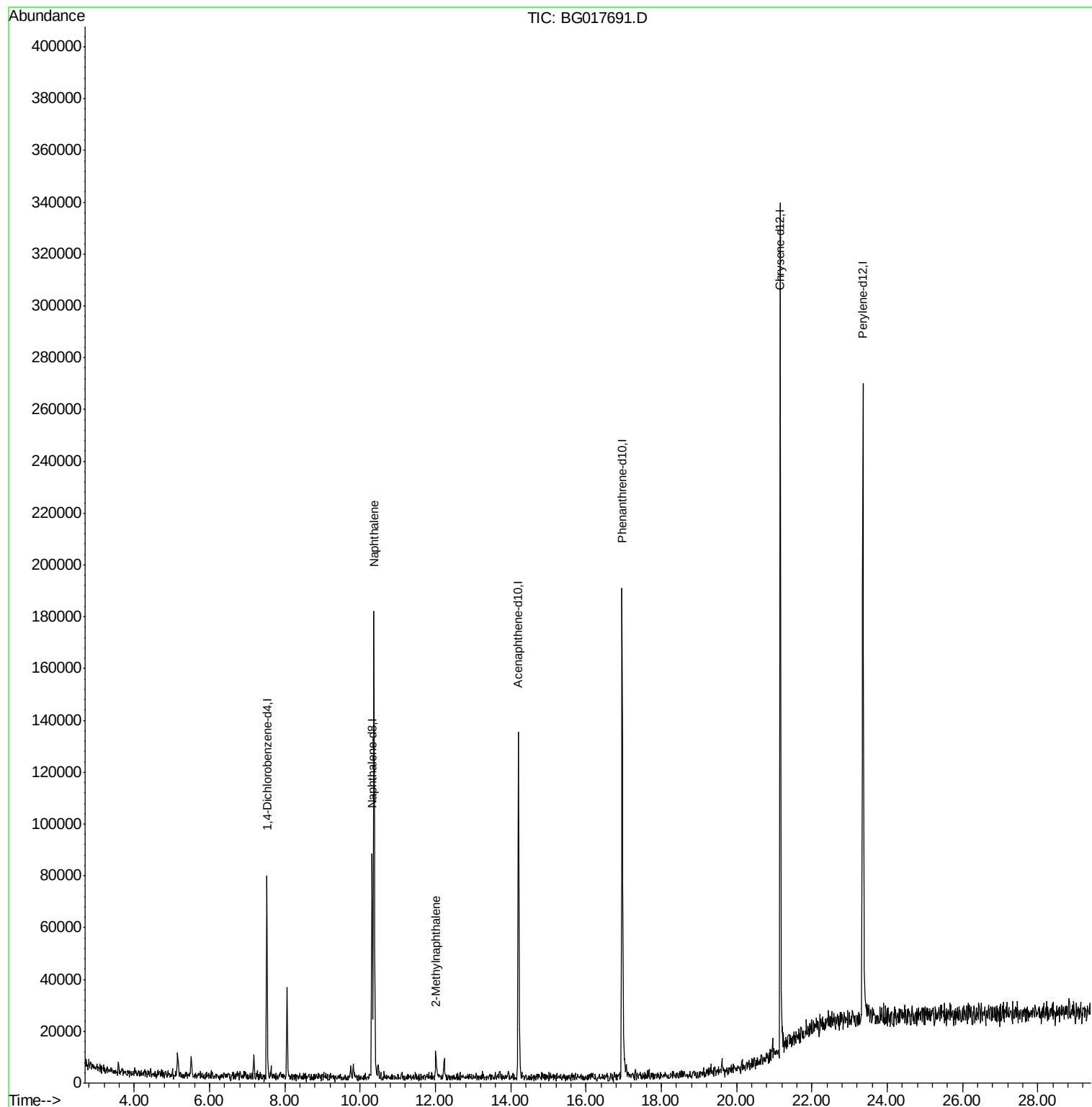
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14780	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	58084	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	45111	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	130503	20.00	ng	0.00
75) Chrysene-d12	21.16	240	180208	20.00	ng	0.00
86) Perylene-d12	23.36	264	190051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						
31) Naphthalene	10.37	128	119571	38.14	ng	# 87
37) 2-Methylnaphthalene	12.01	142	5523	2.20	ng	# 68

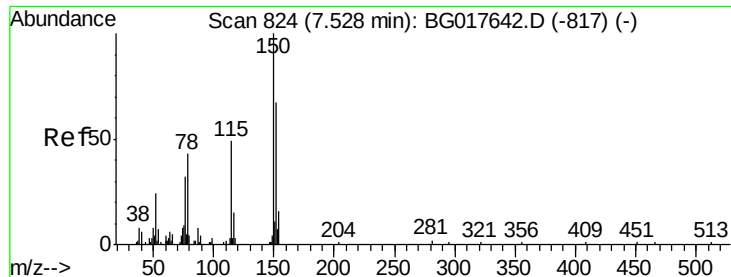
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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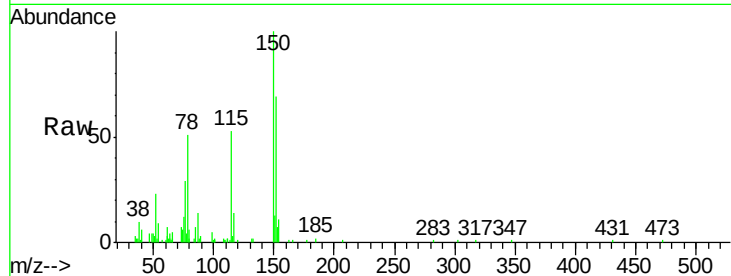


#1

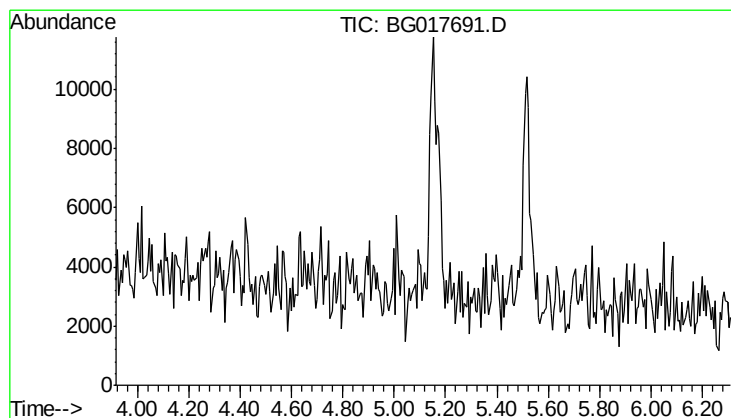
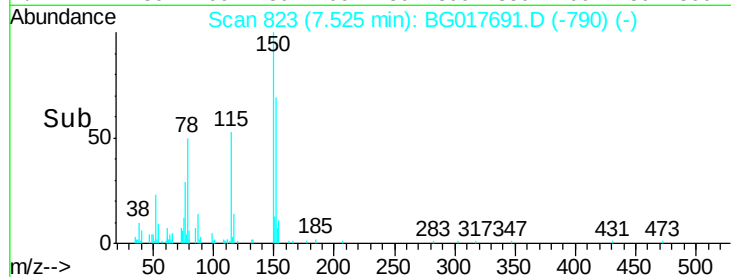
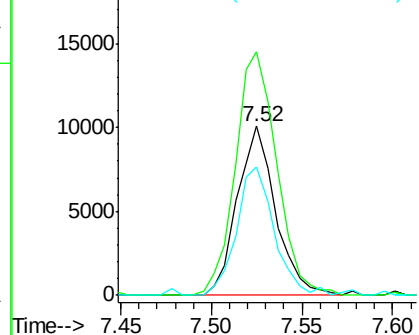
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017691.D
Acq: 15 Jun 2015 15:46

Instrument :
BNA_G
ClientSampleId :
MW-11CDL2

Tgt Ion: 152 Resp: 14780
Ion Ratio Lower Upper
152 100
150 144.1 119.4 179.0
115 76.3 58.2 87.2



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

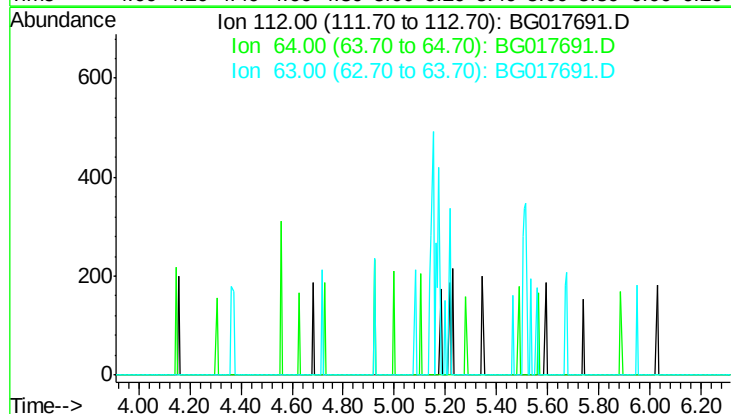


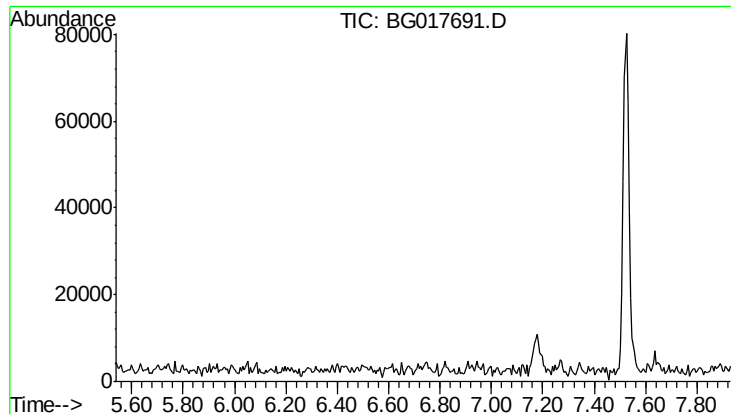
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.11 min

Lab File: BG017691.D
Acq: 15 Jun 2015 15:46

Tgt Ion: 112
Sig Exp Ratio
112 100
64 58.8
63 48.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.74 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

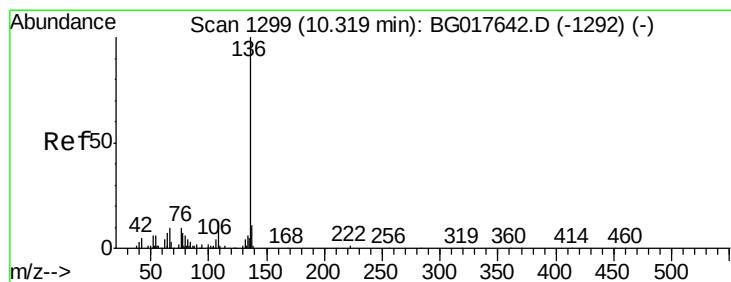
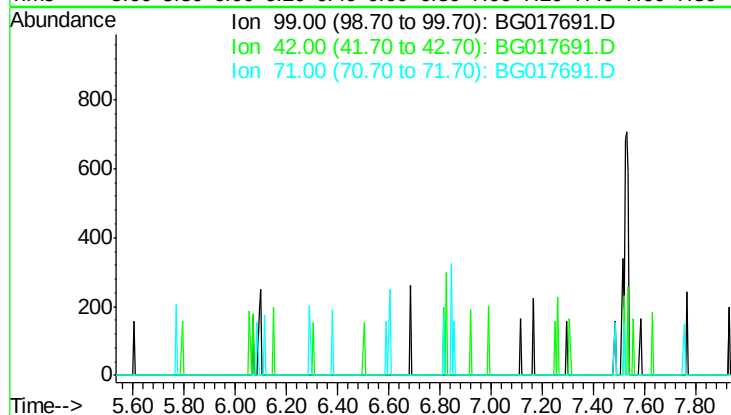
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.8

71 59.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Tgt Ion:136 Resp: 58084

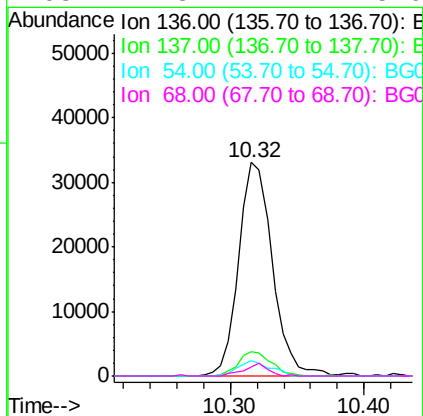
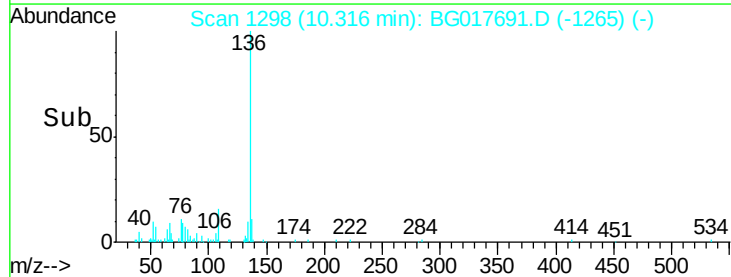
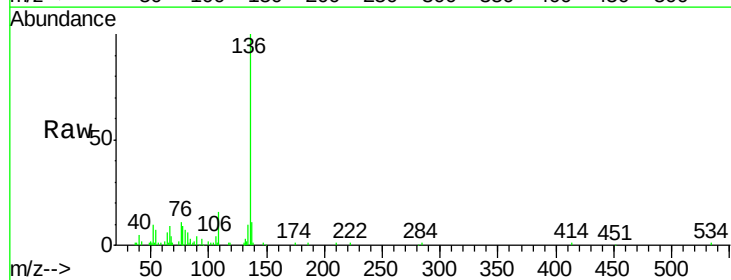
Ion Ratio Lower Upper

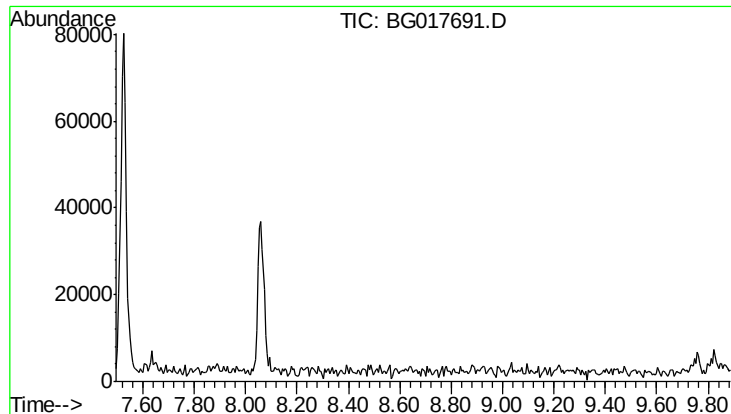
136 100

137 11.4 8.7 13.1

54 7.0 4.7 7.1

68 4.3 2.4 3.6#

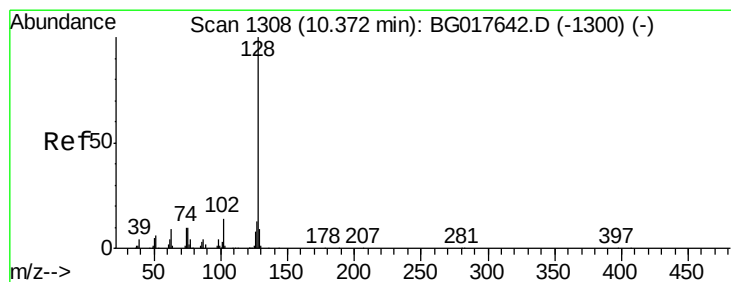
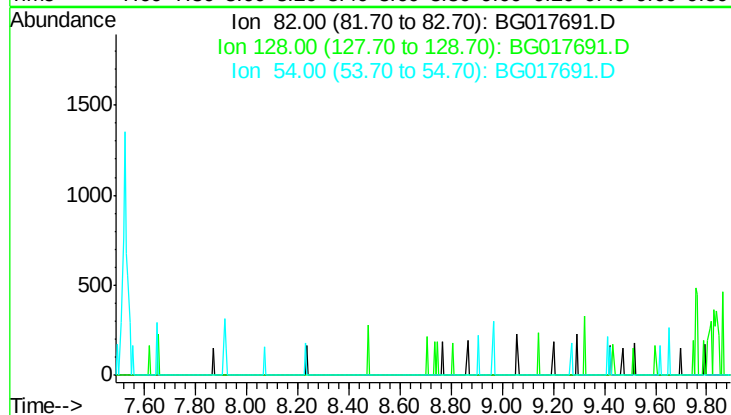




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.69 min
 Lab File: BG017691.D
 Acq: 15 Jun 2015 15:46

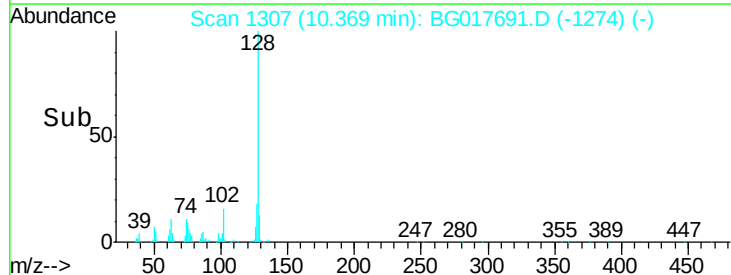
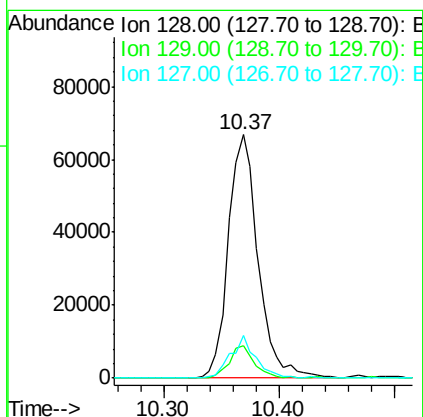
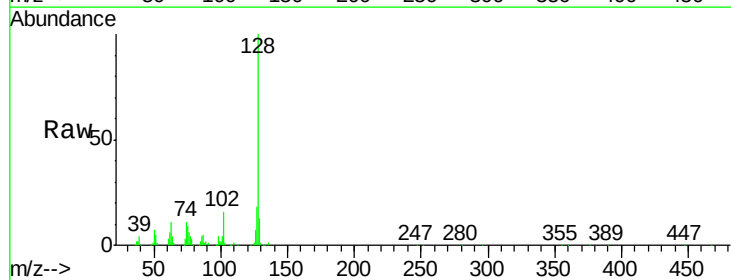
Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL2

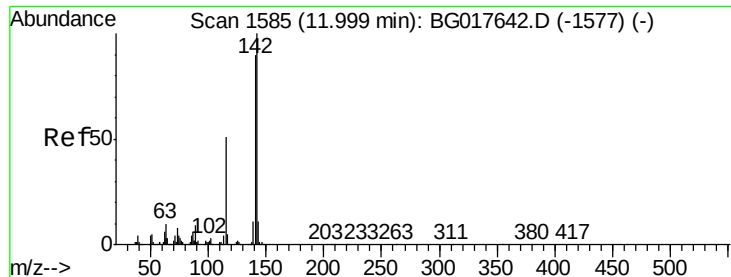
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 34.1
 54 46.2



#31
 Naphthalene
 Concen: 38.14 ng
 RT: 10.37 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BG017691.D
 Acq: 15 Jun 2015 15:46

Tgt Ion: 128 Resp: 119571
 Ion Ratio Lower Upper
 128 100
 129 13.5 7.0 10.4#
 127 17.7 10.2 15.2#





#37

2-Methylnaphthalene

Concen: 2.20 ng

RT: 12.01 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

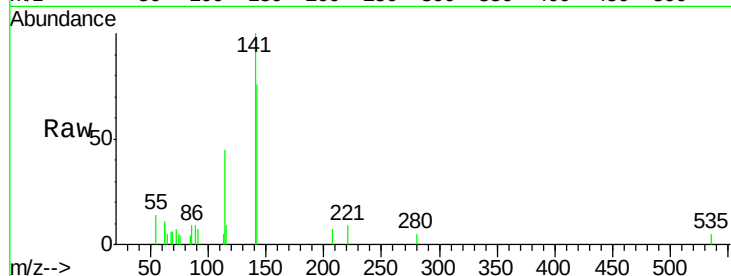
Tgt Ion:142 Resp: 5523

Ion Ratio Lower Upper

142 100

141 131.0 71.8 107.8#

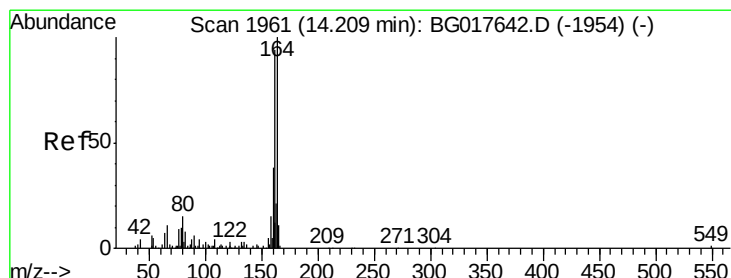
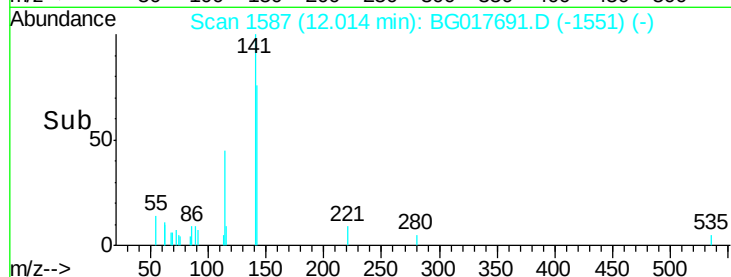
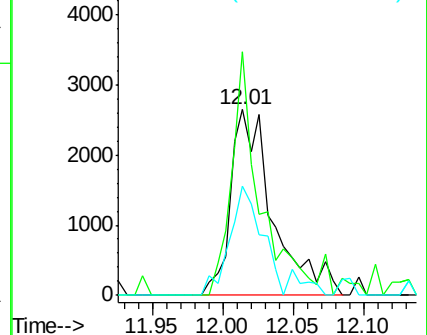
115 58.5 41.0 61.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

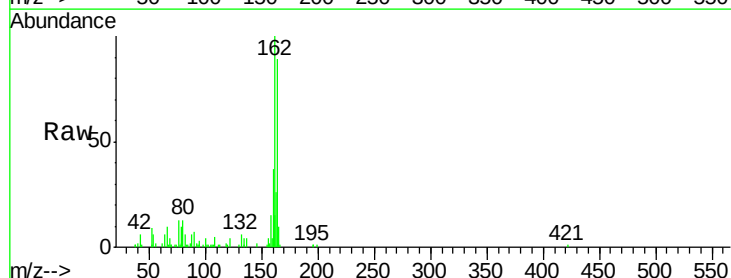
Tgt Ion:164 Resp: 45111

Ion Ratio Lower Upper

164 100

162 112.6 75.0 112.4#

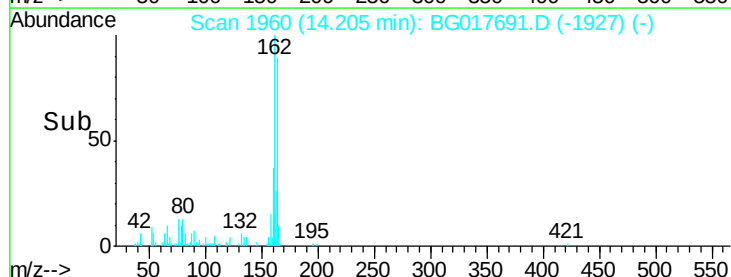
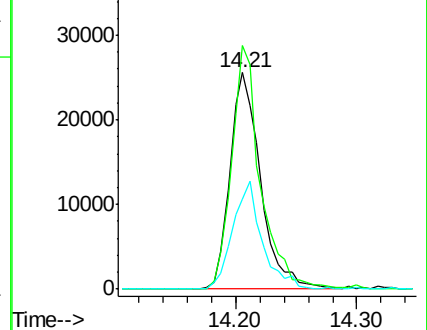
160 41.7 30.3 45.5

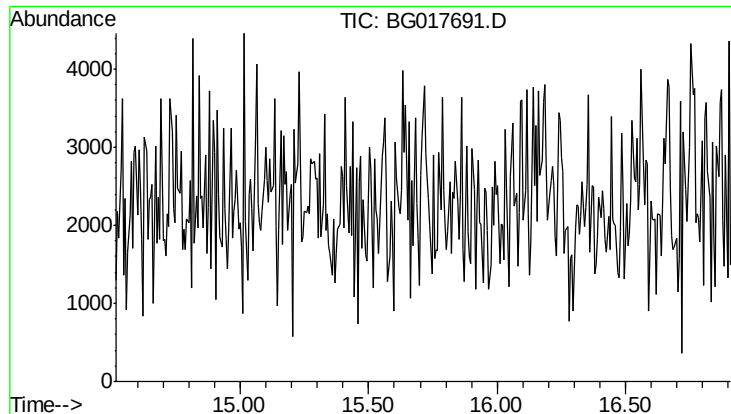


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



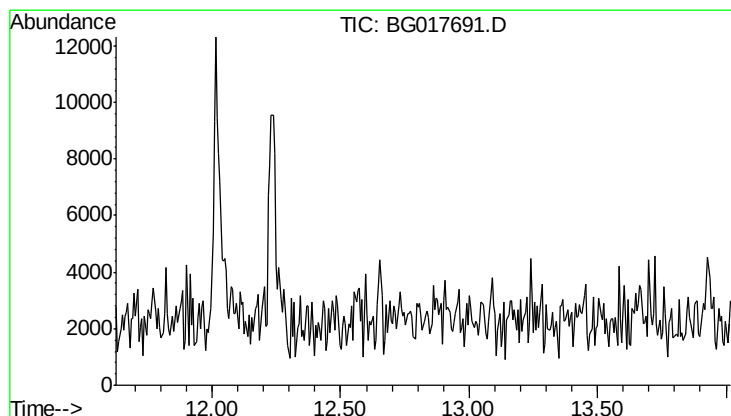
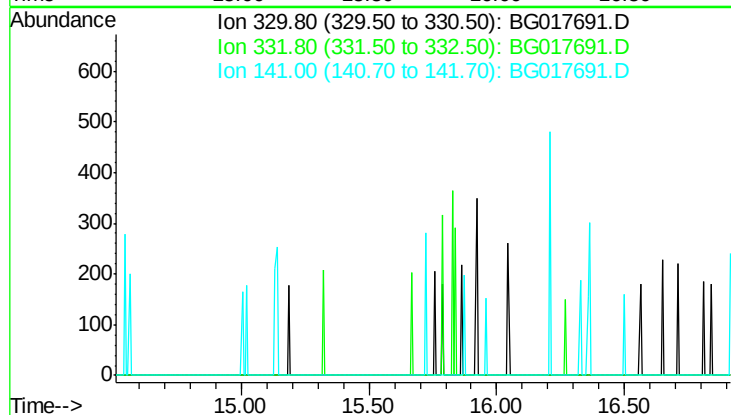


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.71 min

Lab File: BG017691.D
 Acq: 15 Jun 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL2

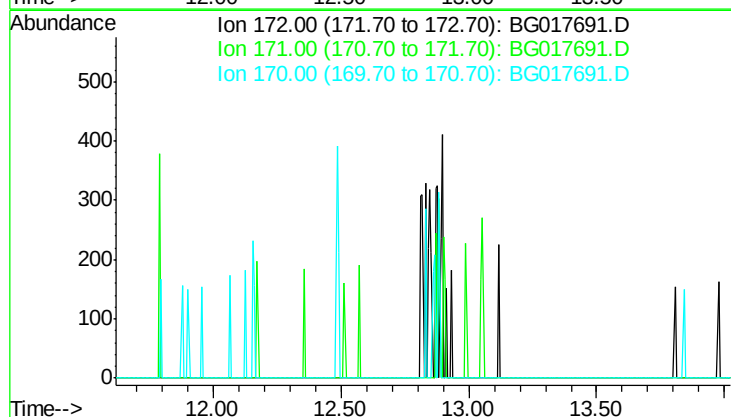
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 43.2

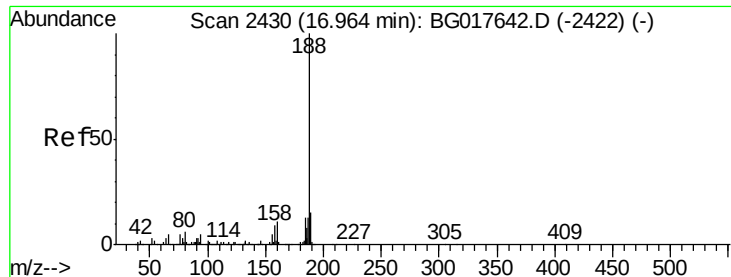


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 12.82 min

Lab File: BG017691.D
 Acq: 15 Jun 2015 15:46

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.2
 170 21.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

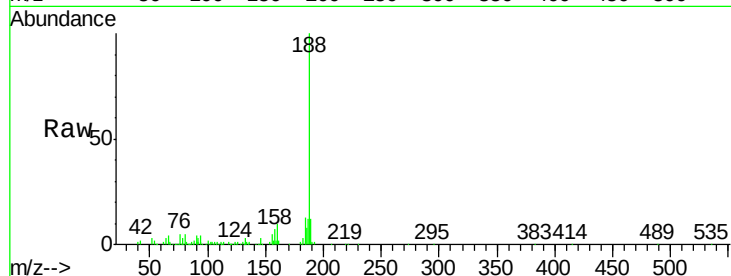
Tgt Ion:188 Resp: 130503

Ion Ratio Lower Upper

188 100

94 4.5 3.9 5.9

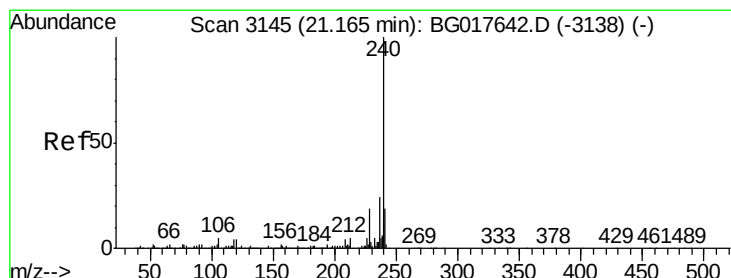
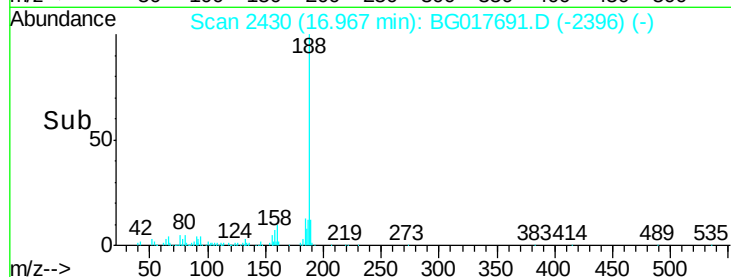
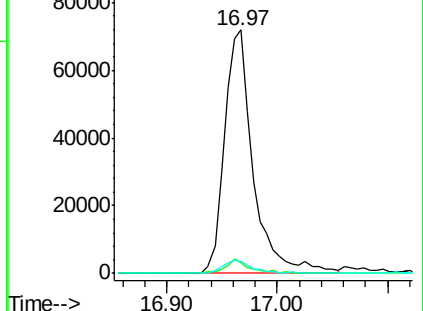
80 4.8 5.0 7.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

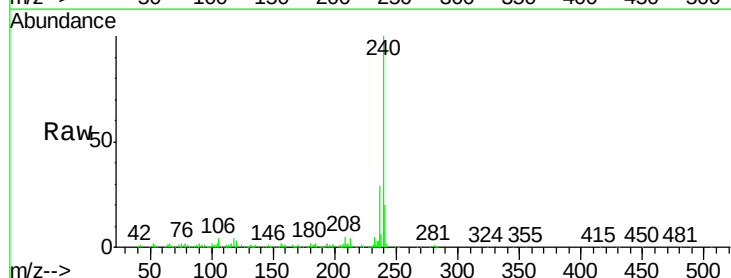
Tgt Ion:240 Resp: 180208

Ion Ratio Lower Upper

240 100

120 3.4 3.5 5.3#

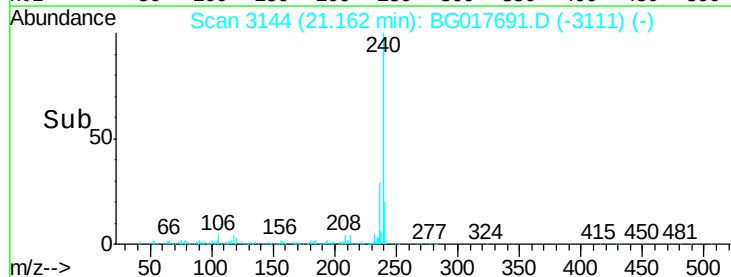
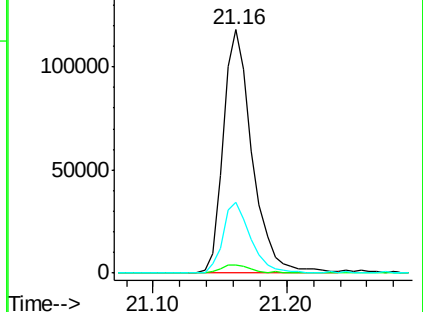
236 29.2 19.5 29.3

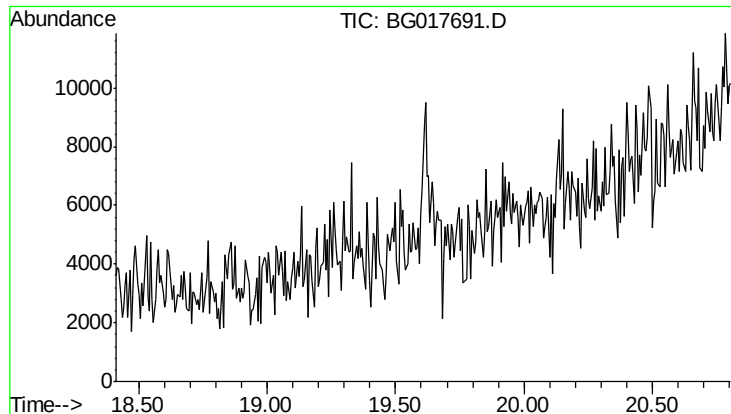


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 19.61 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

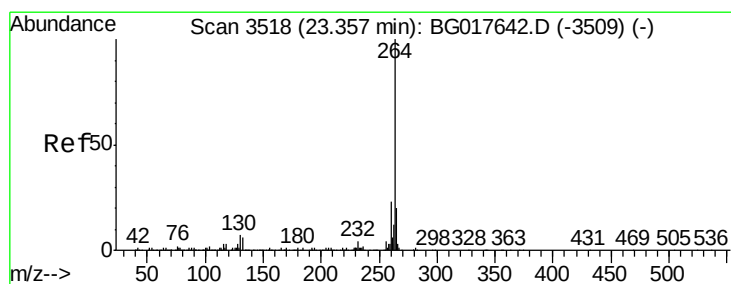
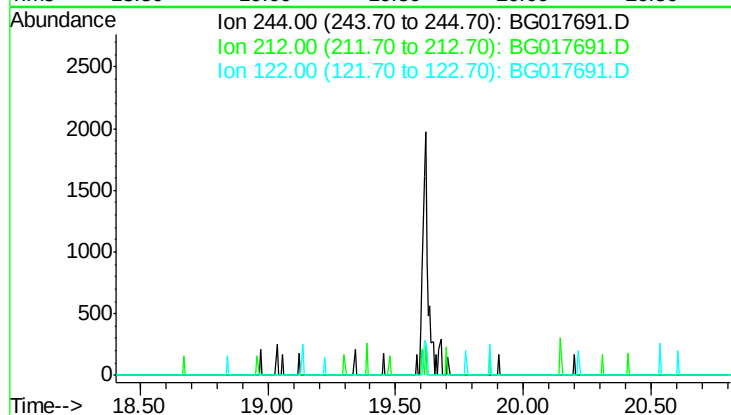
Tgt Ion: 244

Sig Exp Ratio

244 100

212 7.9

122 5.7



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Tgt Ion:264 Resp: 190051

Ion Ratio Lower Upper

264 100

260 20.6 18.3 27.5

265 19.6 16.2 24.2

