

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017221.D
 Acq On : 20 May 2015 18:55
 Operator : TP/IZ
 Sample : G2279-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: May 21 02:37:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 02:15:39 2015
 Response via : Initial Calibration

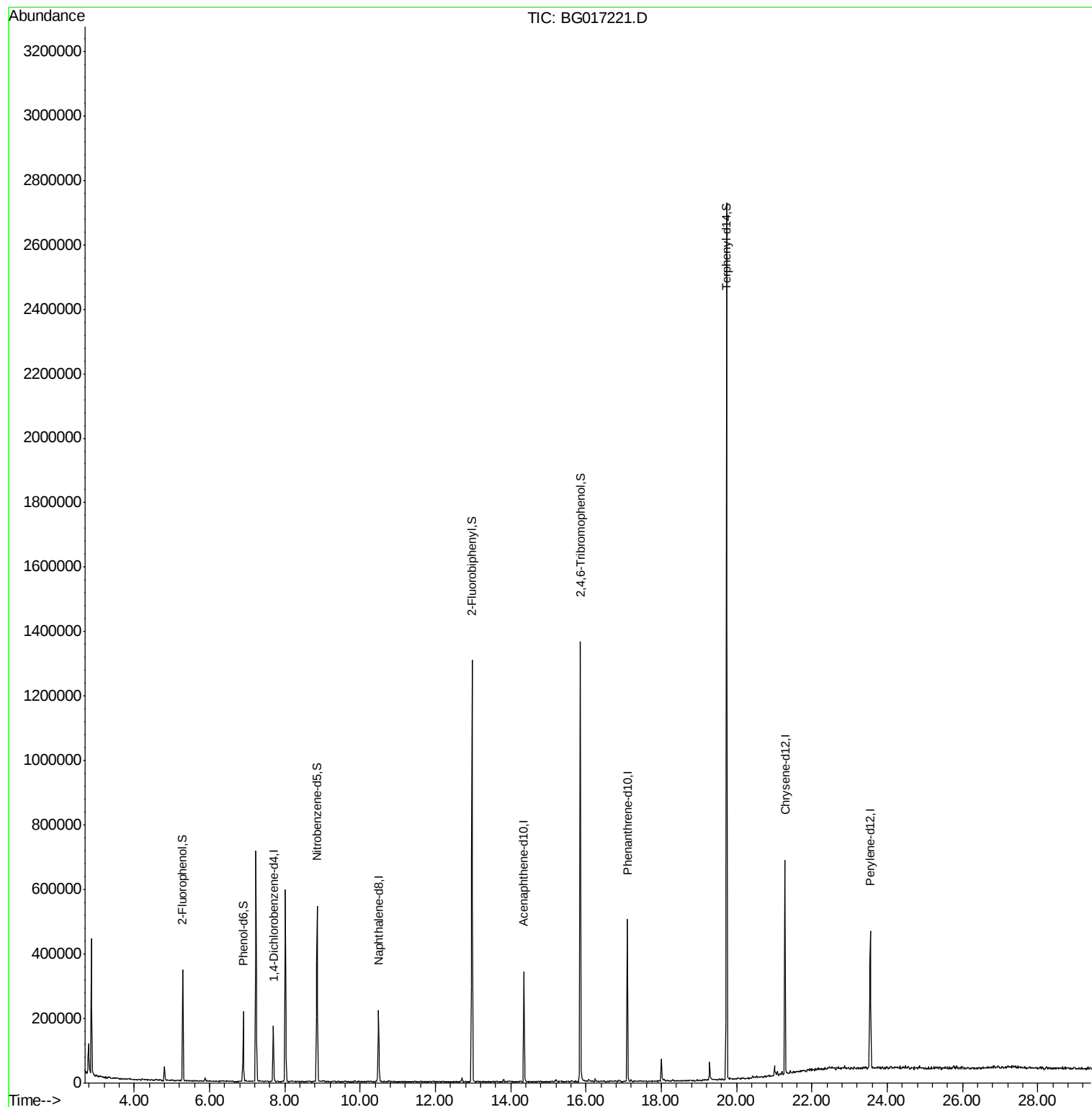
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	38962	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	162112	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	109448	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	256902	20.00	ng	0.00
75) Chrysene-d12	21.28	240	287880	20.00	ng	0.00
86) Perylene-d12	23.55	264	287640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	119542	54.44	ng	0.00
7) Phenol-d6	6.89	99	94200	30.57	ng	0.00
23) Nitrobenzene-d5	8.86	82	279885	80.61	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	191082	144.43	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	582201	78.05	ng	0.00
78) Terphenyl-d14	19.74	244	1077822	78.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	103	Below Cal	Qvalue #	6

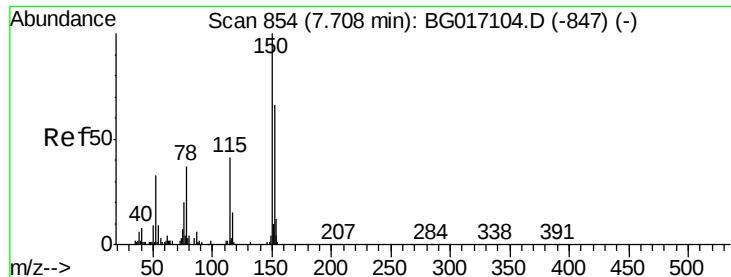
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG017221.D

Acq: 20 May 2015 18:55

Instrument :

BNA_G

ClientSampleId :

MW-6

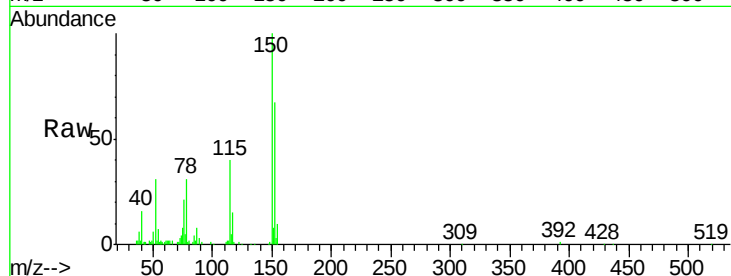
Tot Ion:152 Resp: 38962

Ion Ratio Lower Upper

152 100

150 149.7 120.8 181.2

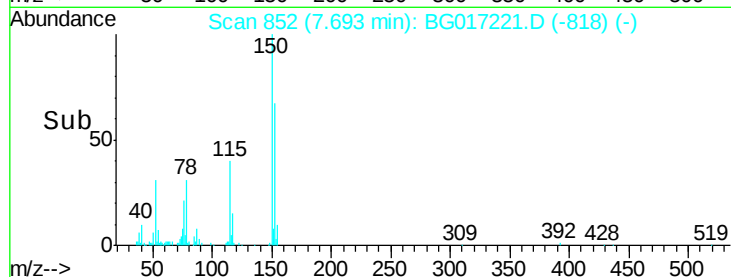
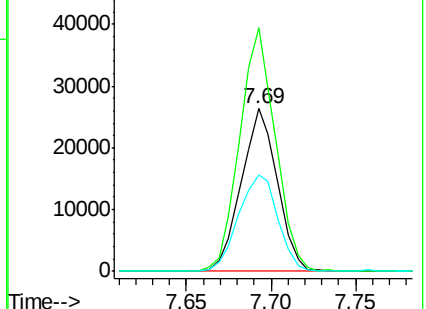
115 59.4 49.4 74.2



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: 54.44 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG017221.D

Acq: 20 May 2015 18:55

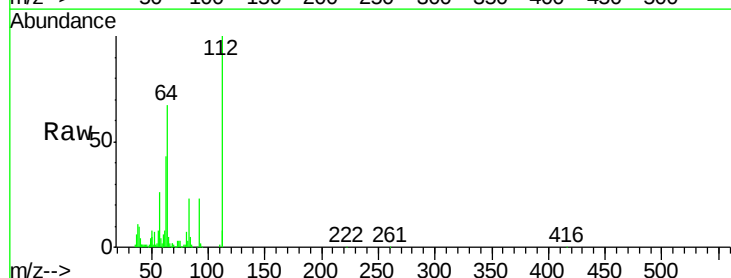
Tgt Ion:112 Resp: 119542

Ion Ratio Lower Upper

112 100

64 67.4 48.1 72.1

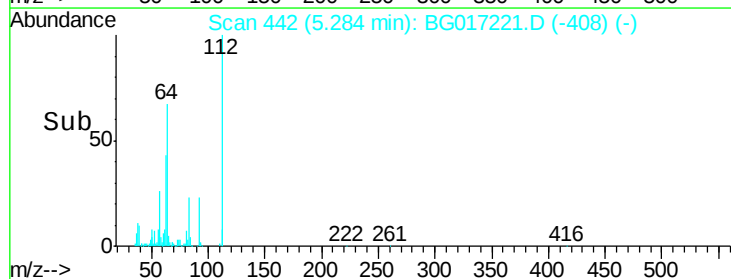
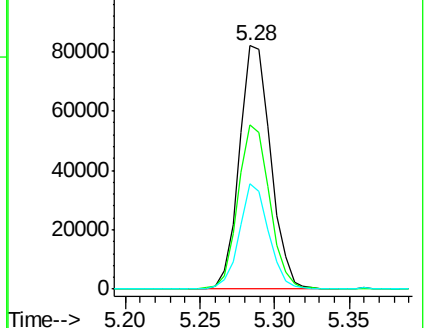
63 43.4 29.8 44.8

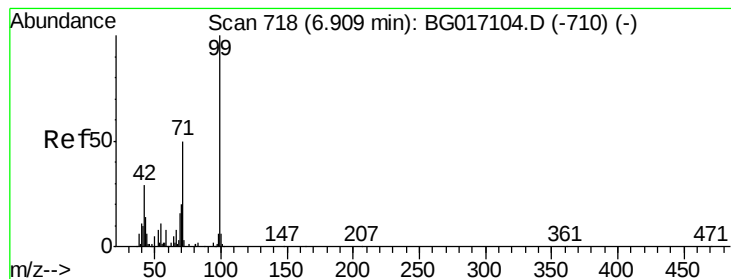


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.57 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG017221.D

Acq: 20 May 2015 18:55

Instrument :

BNA_G

ClientSampleId :

MW-6

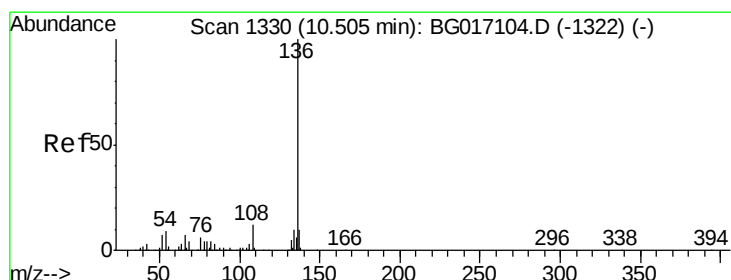
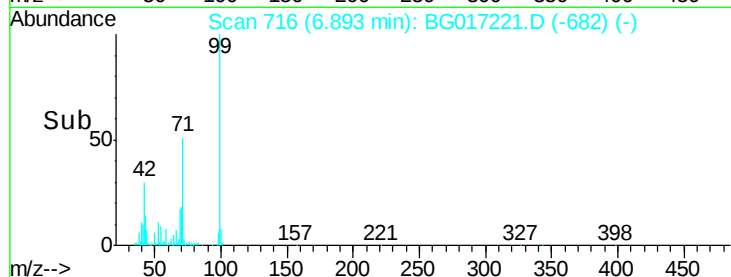
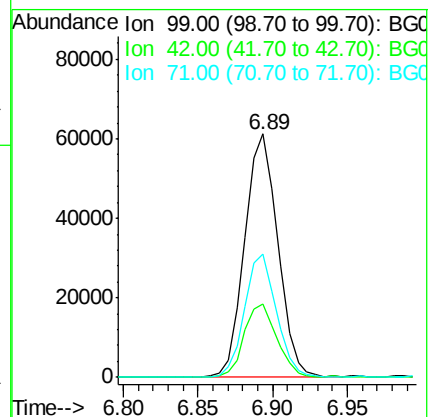
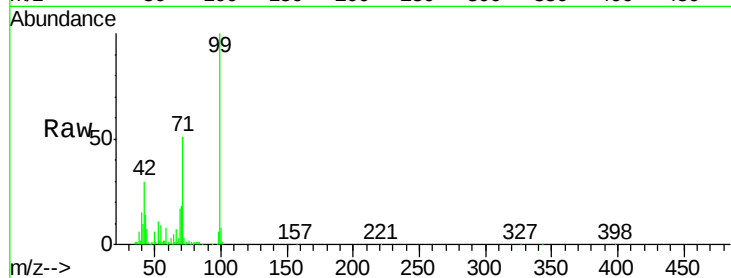
Tot Ion: 99 Resp: 94200

Ion Ratio Lower Upper

99 100

42 30.1 23.5 35.3

71 50.7 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BG017221.D

Acq: 20 May 2015 18:55

Tgt Ion: 136 Resp: 162112

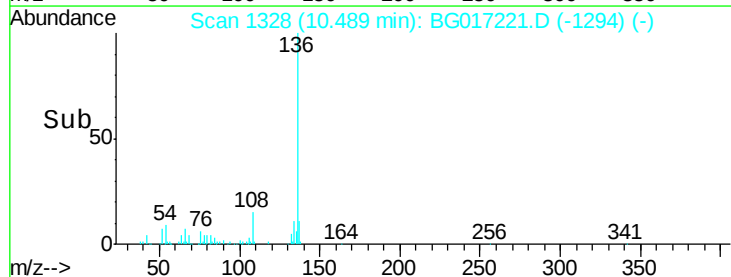
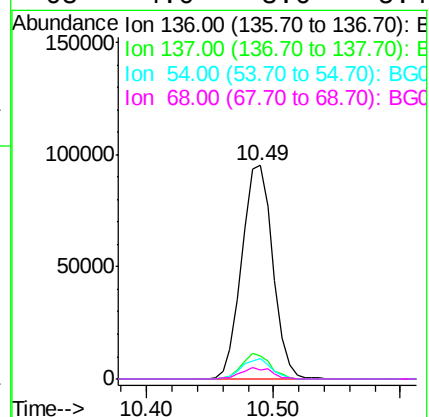
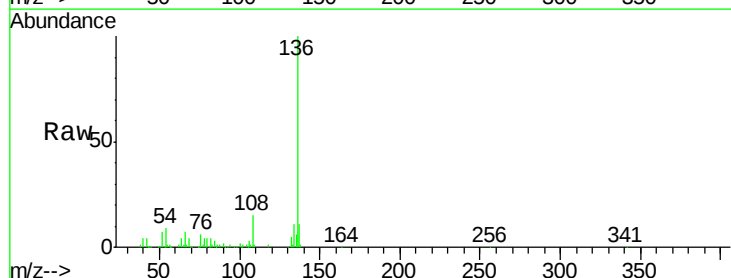
Ion Ratio Lower Upper

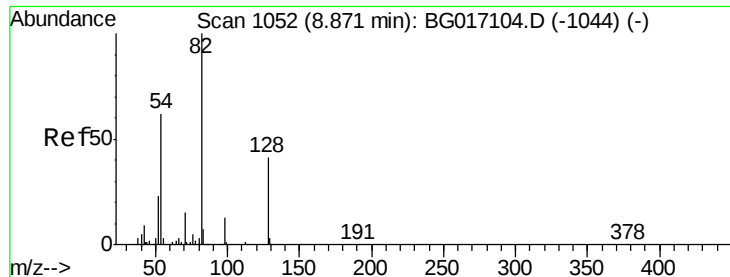
136 100

137 10.6 8.3 12.5

54 9.5 7.4 11.2

68 4.0 3.6 5.4

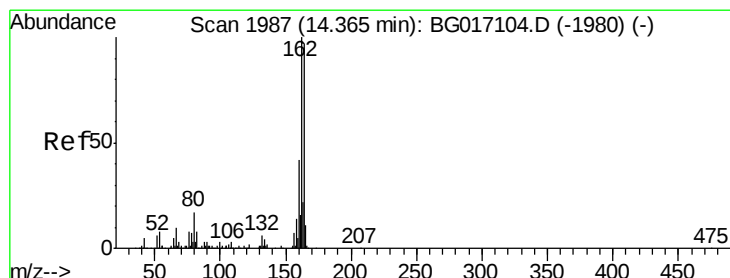
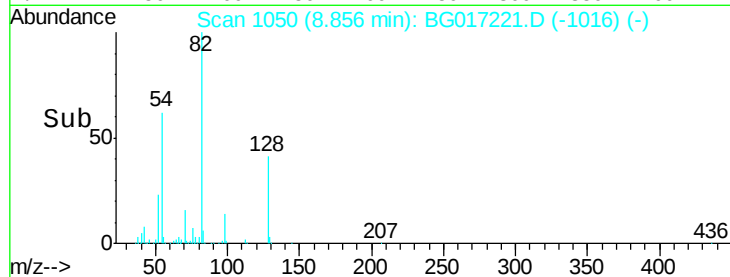
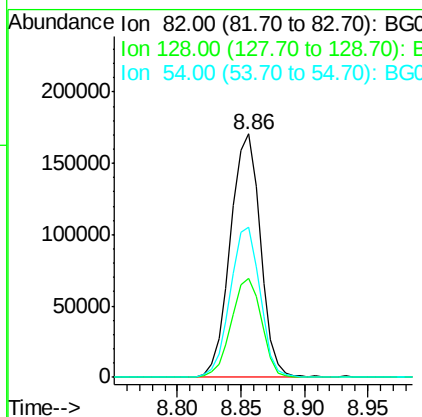
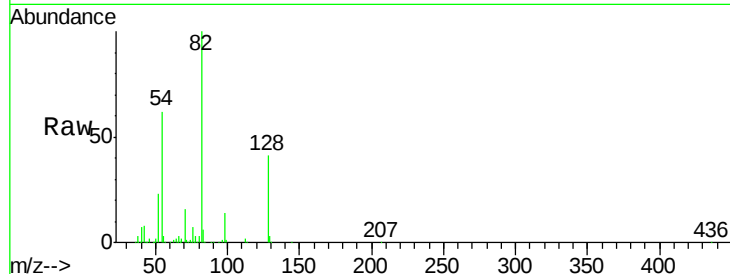




#23
 Nitrobenzene-d5
 Concen: 80.61 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG017221.D
 Acq: 20 May 2015 18:55

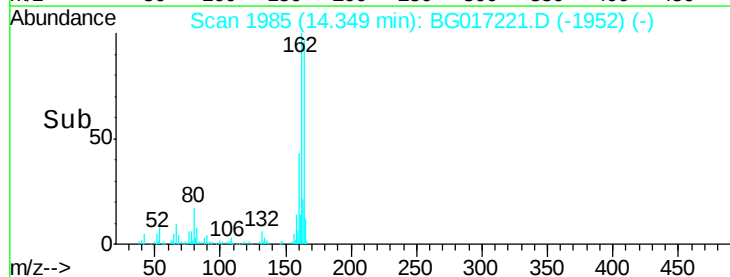
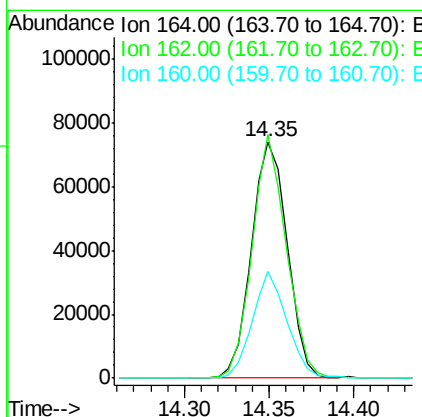
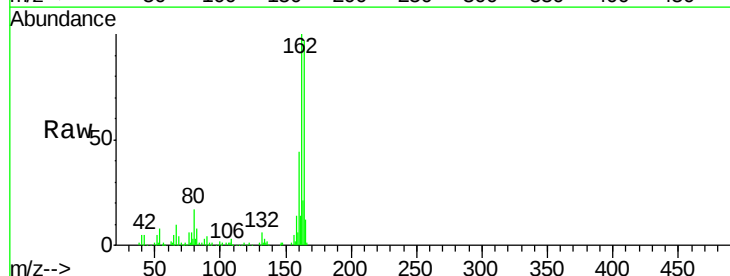
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

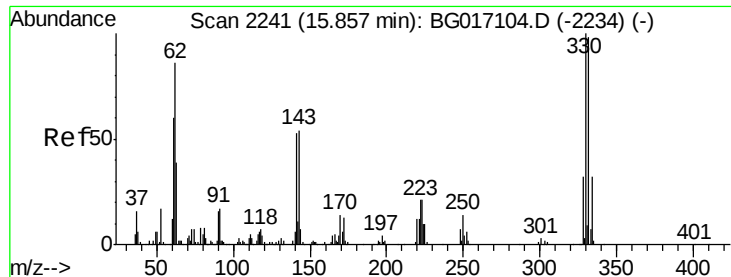
Tot Ion	82	Resp	279885
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.6	49.0
54	61.7	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017221.D
 Acq: 20 May 2015 18:55

Tgt Ion	164	Resp	109448
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.1	123.1
160	44.9	34.8	52.2

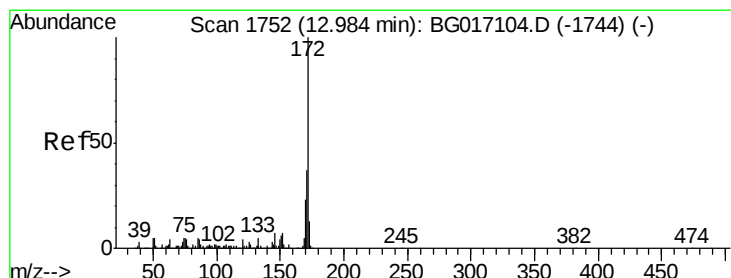
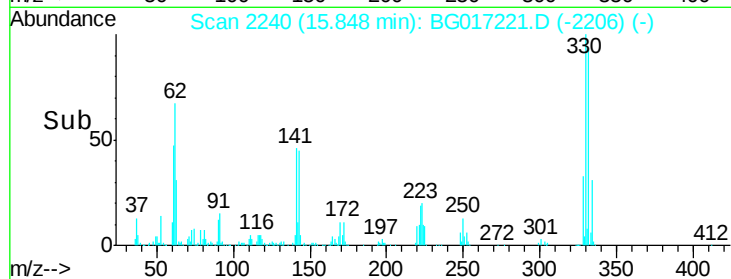
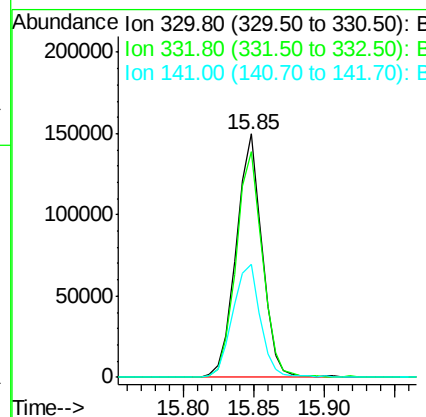
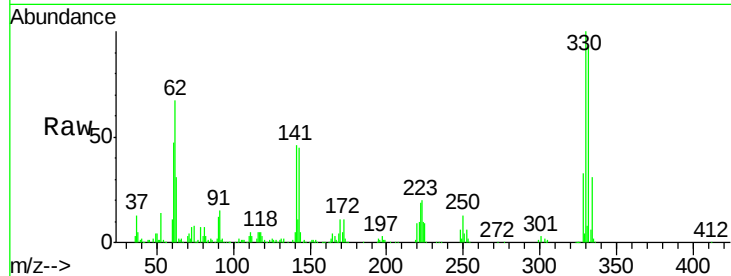




#41
 2,4,6-Tribromophenol
 Concen: 144.43 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG017221.D
 Acq: 20 May 2015 18:55

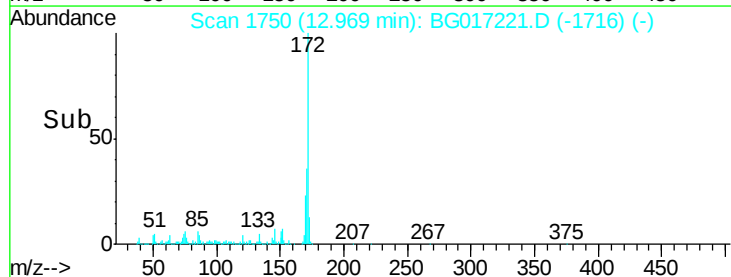
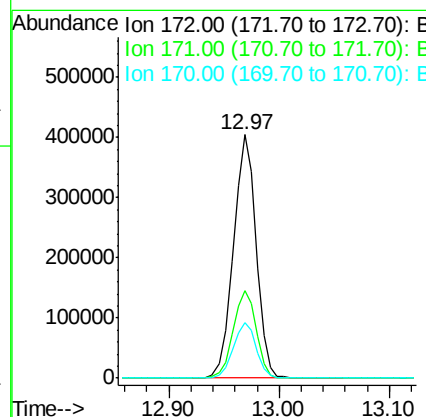
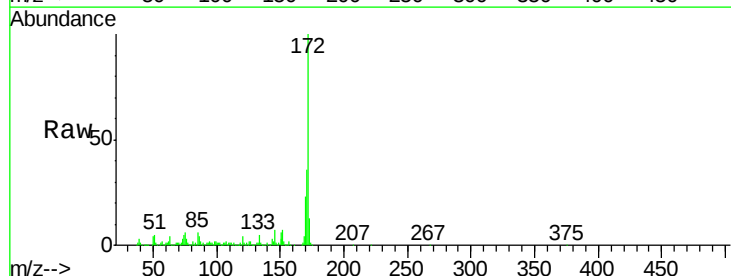
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

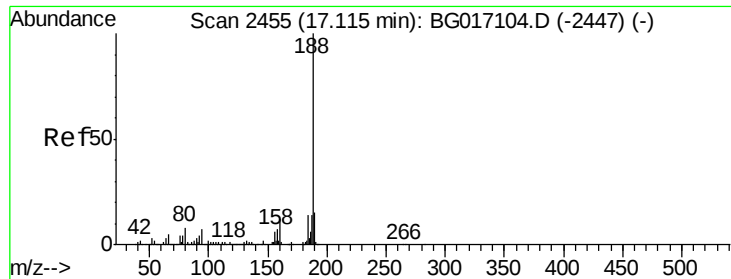
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	50.0	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 78.05 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG017221.D
 Acq: 20 May 2015 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.8	18.4	27.6

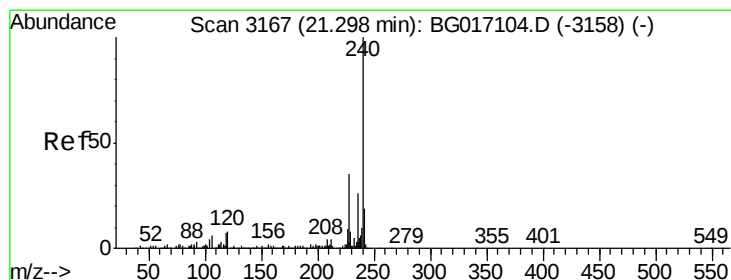
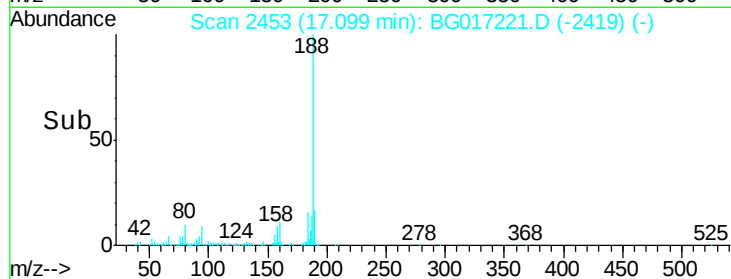
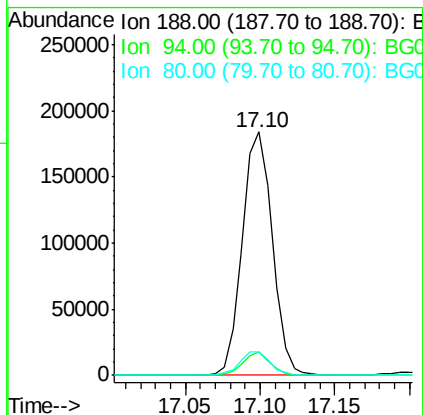
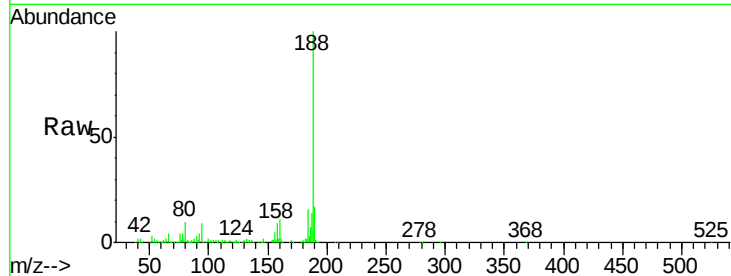




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

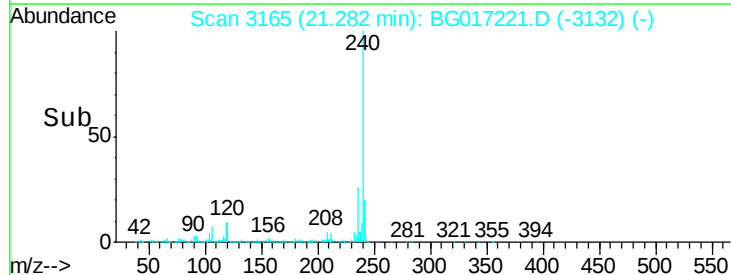
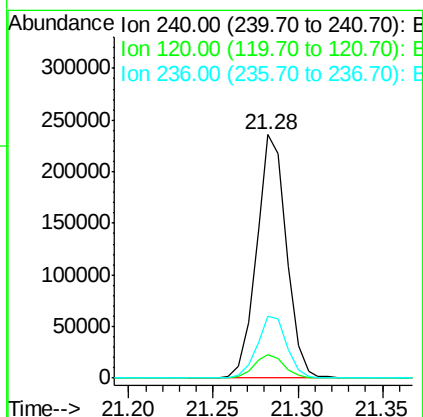
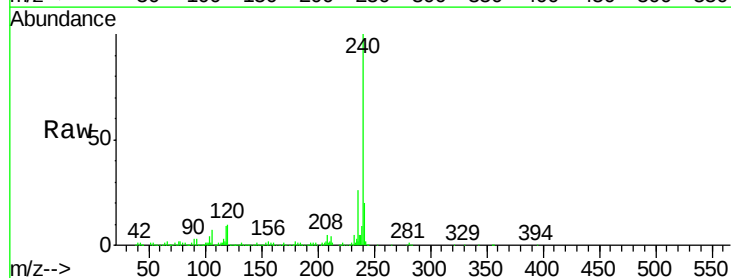
Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:188 Resp: 256902
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.6#
80 9.6 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:240 Resp: 287880
Ion Ratio Lower Upper
240 100
120 9.6 6.0 9.0#
236 25.6 20.5 30.7





#78

Terphenyl-d14

Concen: 78.02 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG017221.D

Acq: 20 May 2015 18:55

Instrument :

BNA_G

ClientSampled :

MW-6

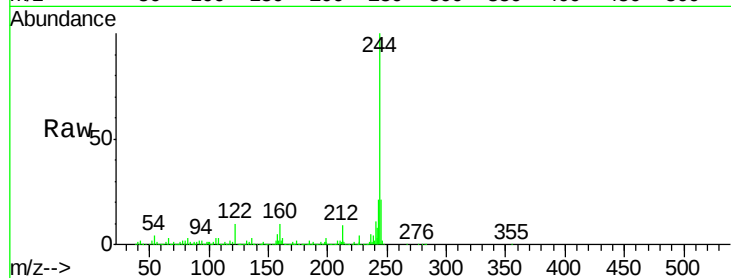
Tot Ion:244 Resp: 1077822

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

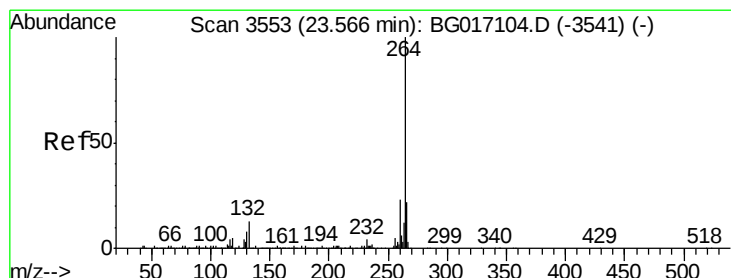
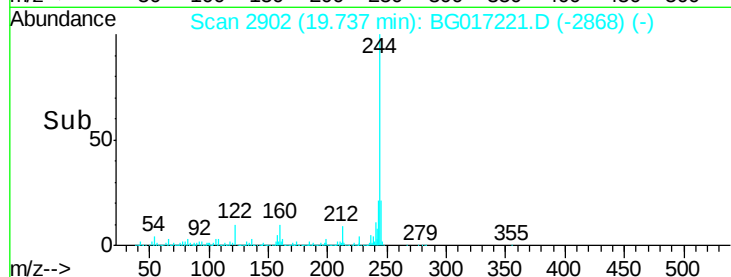
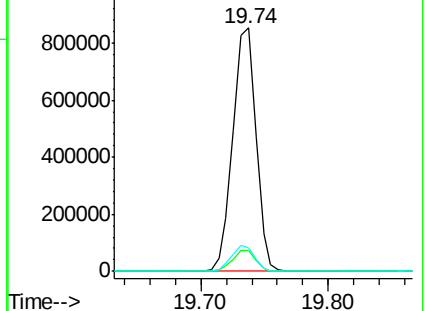
122 9.6 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.55 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BG017221.D

Acq: 20 May 2015 18:55

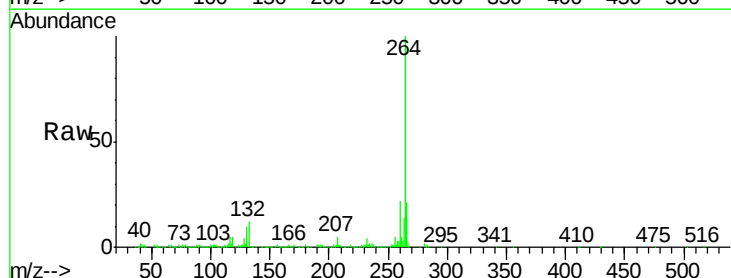
Tgt Ion:264 Resp: 287640

Ion Ratio Lower Upper

264 100

260 21.7 18.0 27.0

265 20.9 17.4 26.0



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

