

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017311.D
 Acq On : 27 May 2015 20:22
 Operator : TP/IZ
 Sample : G2404-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-05262015

Quant Time: May 28 03:23:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

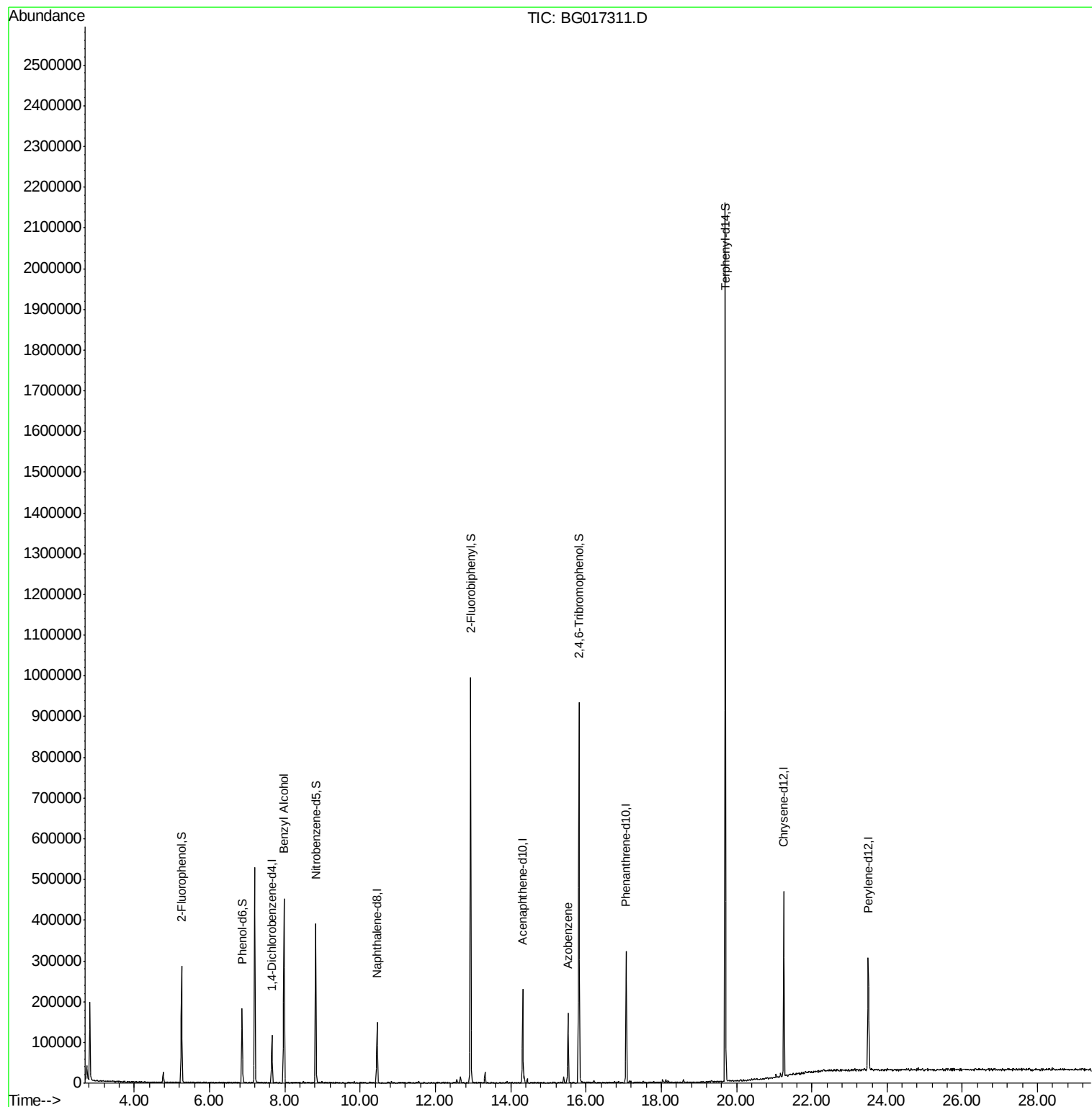
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25776	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	106648	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	68408	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	164102	20.00	ng	0.00
75) Chrysene-d12	21.26	240	193507	20.00	ng	0.00
86) Perylene-d12	23.51	264	191205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	98133	67.55	ng	0.00
7) Phenol-d6	6.86	99	82063	40.25	ng	0.00
23) Nitrobenzene-d5	8.82	82	199658	87.40	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	131947	159.56	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	422703	90.67	ng	0.00
78) Terphenyl-d14	19.71	244	806166	86.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	95	Below Cal	#	6
15) Benzyl Alcohol	7.98	79	4087	2.06 ng	#	53
62) Azobenzene	15.53	77	14847	2.70 ng	#	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

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FB-05262015

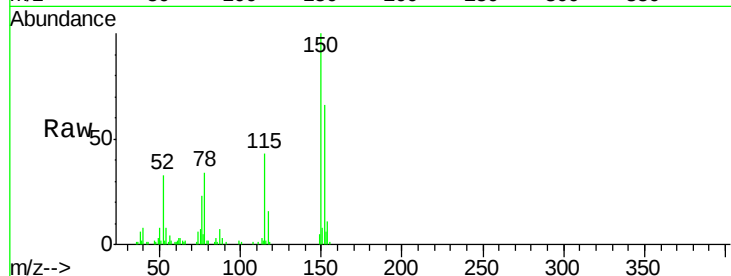
Tgt Ion:152 Resp: 25776

Ion Ratio Lower Upper

152 100

150 151.7 120.8 181.2

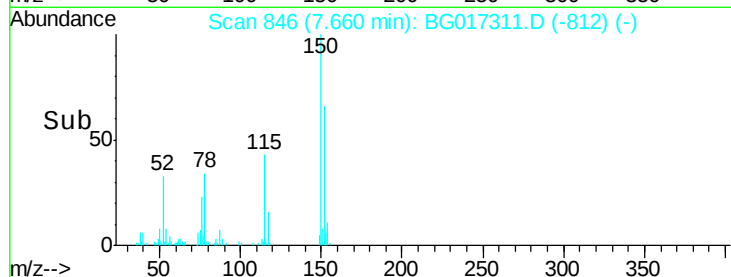
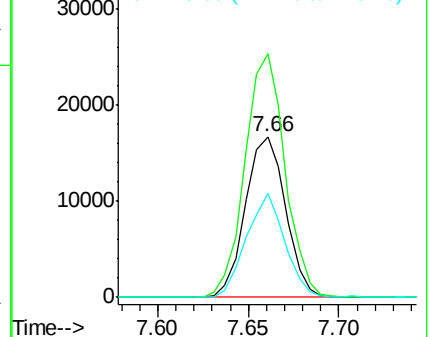
115 64.7 49.4 74.2



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: 67.55 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

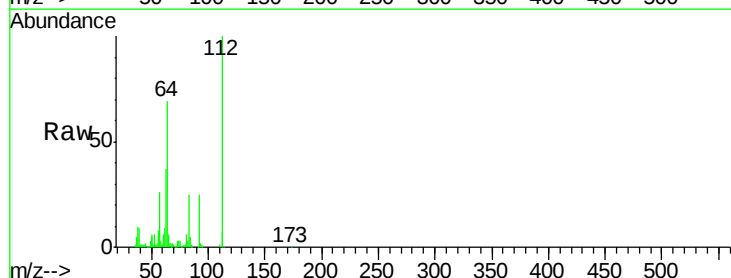
Tgt Ion:112 Resp: 98133

Ion Ratio Lower Upper

112 100

64 68.6 48.1 72.1

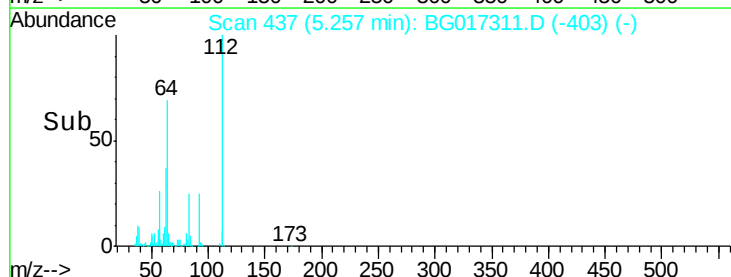
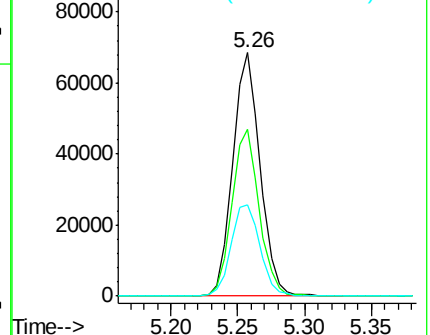
63 37.4 29.8 44.8

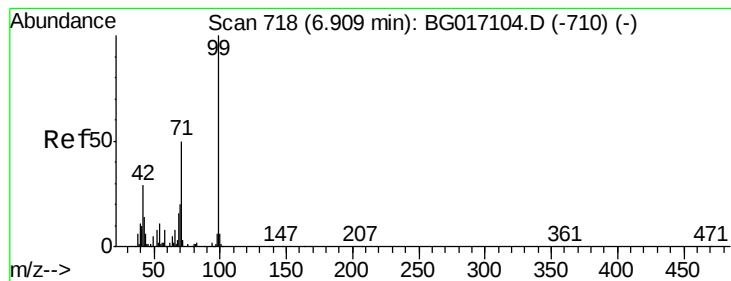


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.25 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

FB-05262015

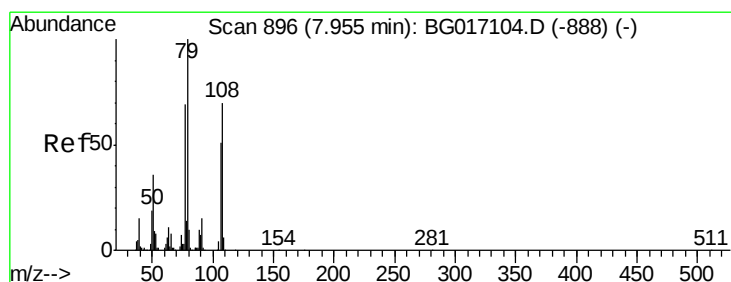
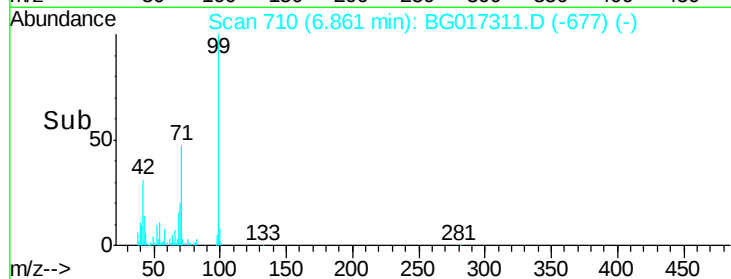
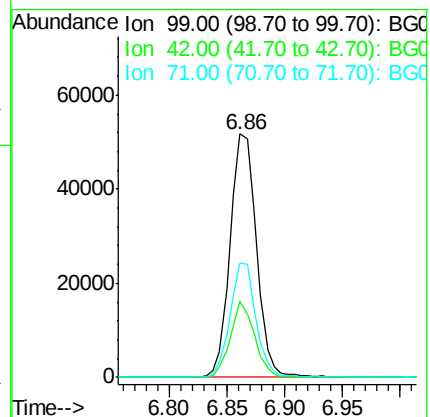
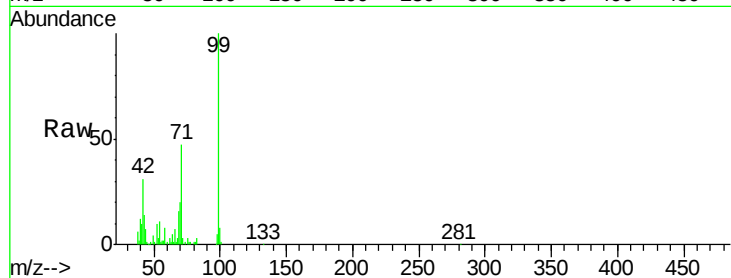
Tgt Ion: 99 Resp: 82063

Ion Ratio Lower Upper

99 100

42 31.2 23.5 35.3

71 46.9 39.8 59.8



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.98 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

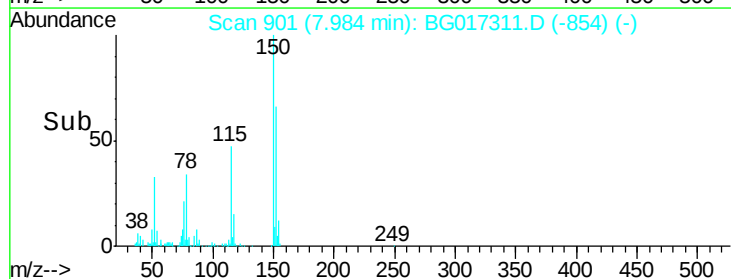
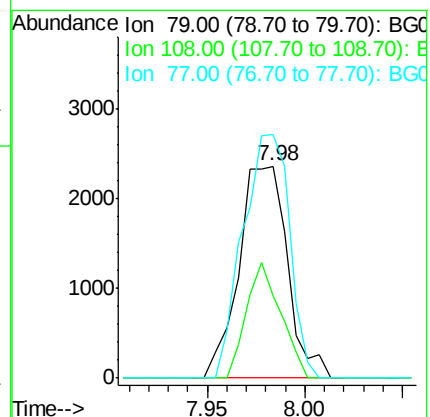
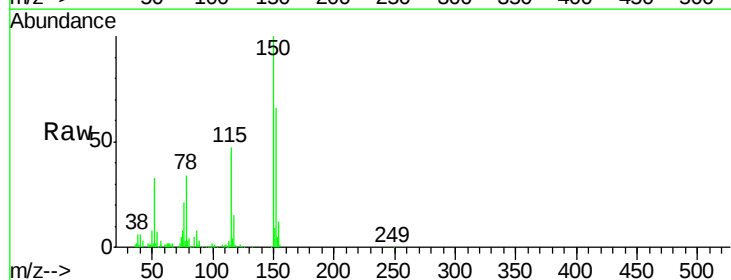
Tgt Ion: 79 Resp: 4087

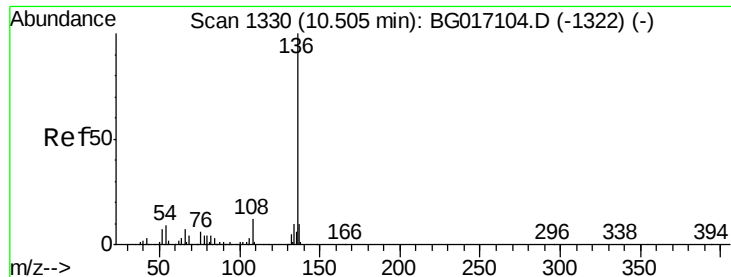
Ion Ratio Lower Upper

79 100

108 38.9 55.8 83.6#

77 114.8 55.4 83.0#

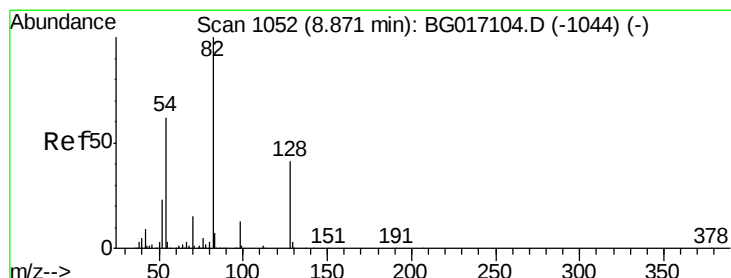
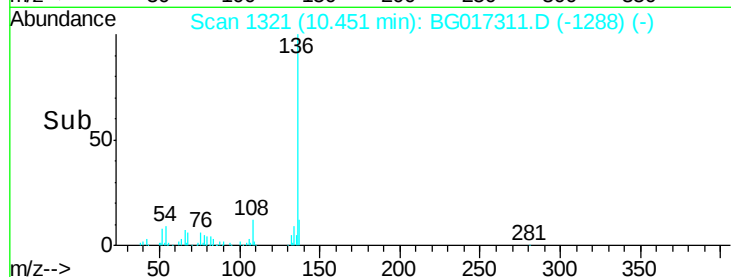
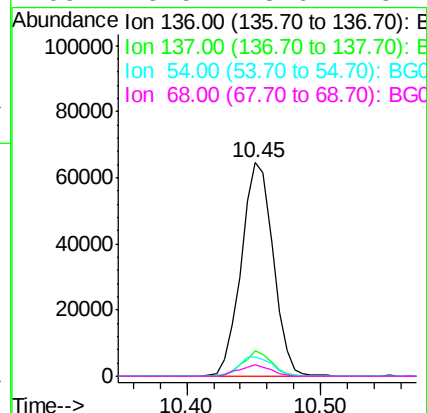
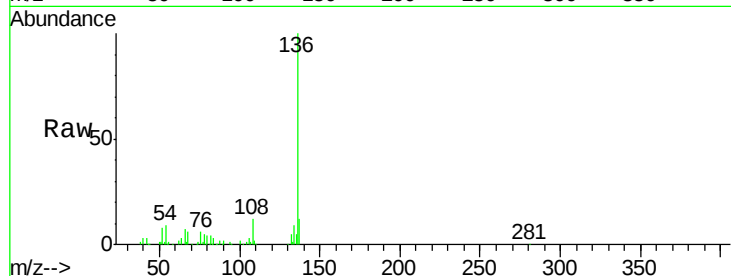




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG017311.D
Acq: 27 May 2015 20:22

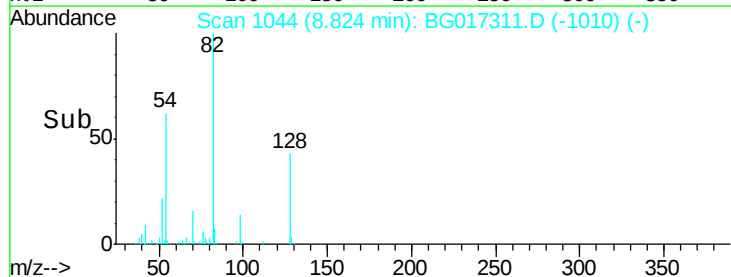
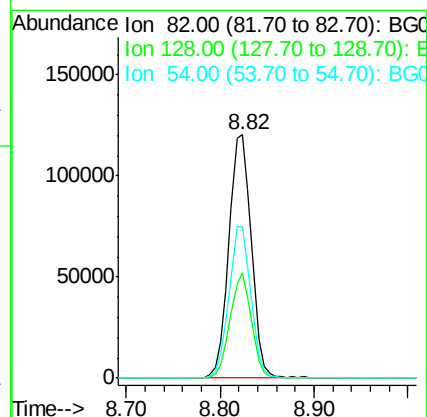
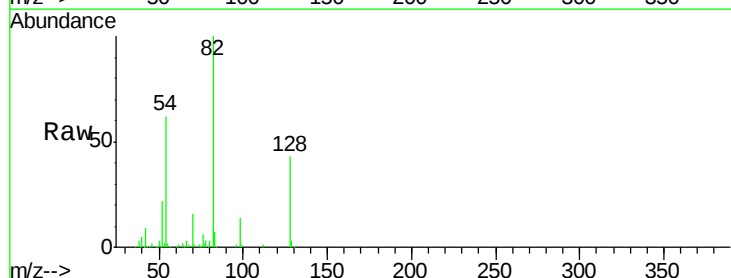
Instrument :
BNA_G
ClientSampleId :
FB-05262015

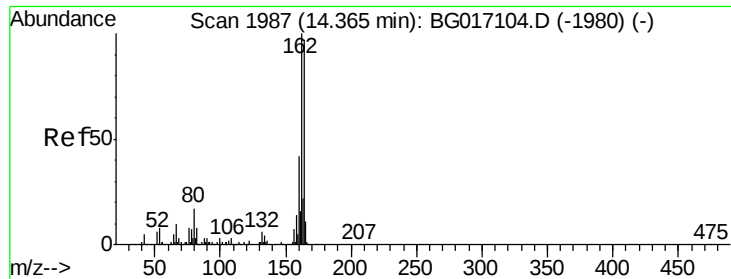
Tgt Ion:	136	Resp:	106648
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.3	12.5
54	8.9	7.4	11.2
68	5.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 87.40 ng
RT: 8.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG017311.D
Acq: 27 May 2015 20:22

Tgt Ion:	82	Resp:	199658
Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.6	49.0
54	62.1	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

FB-05262015

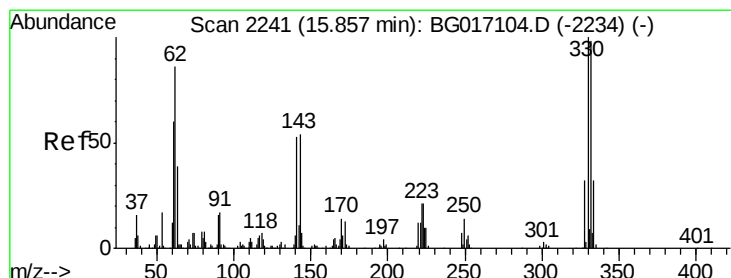
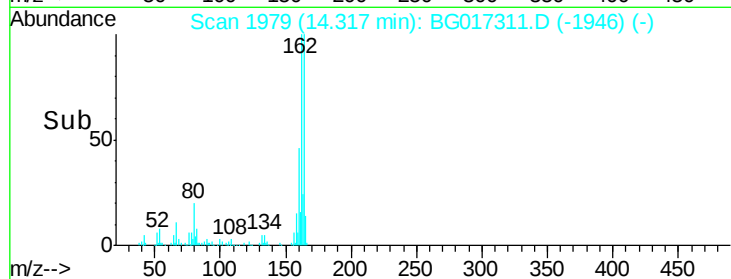
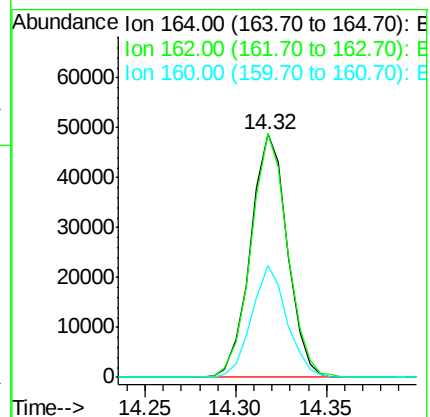
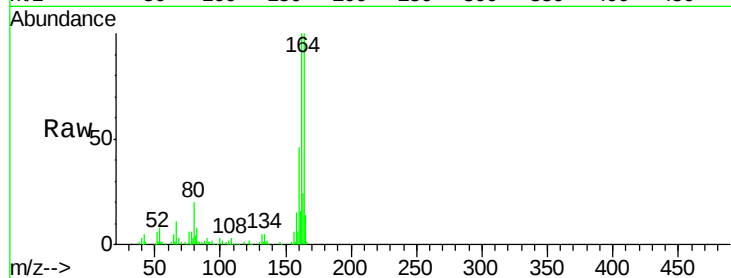
Tgt Ion:164 Resp: 68408

Ion Ratio Lower Upper

164 100

162 100.1 82.1 123.1

160 46.0 34.8 52.2



#41

2,4,6-Tribromophenol

Concen: 159.56 ng

RT: 15.82 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

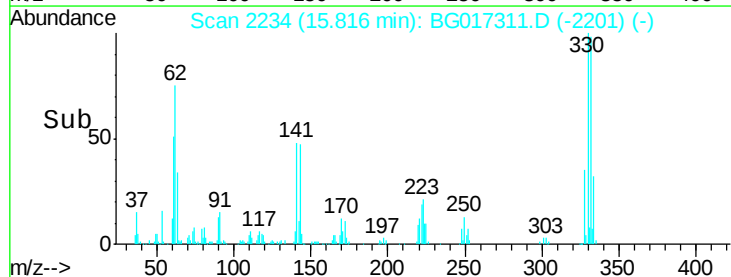
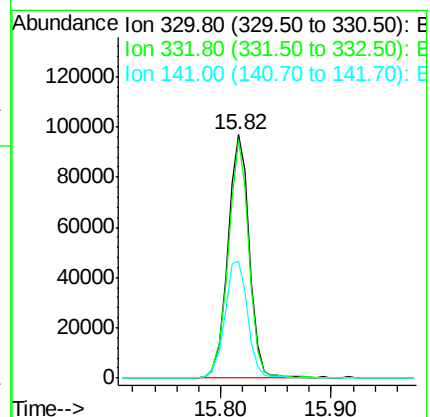
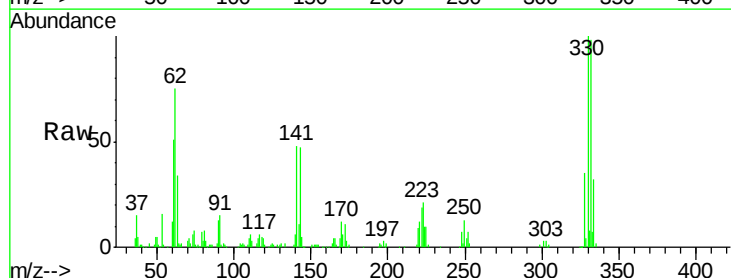
Tgt Ion:330 Resp: 131947

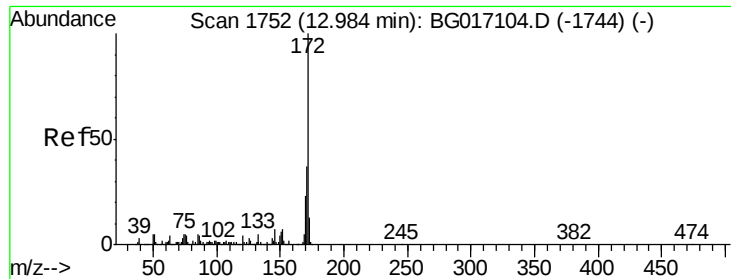
Ion Ratio Lower Upper

330 100

332 94.4 76.9 115.3

141 51.0 42.2 63.2

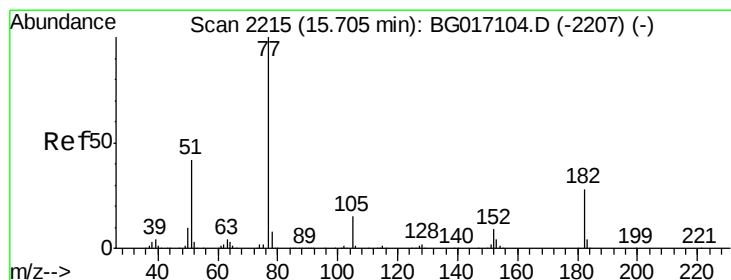
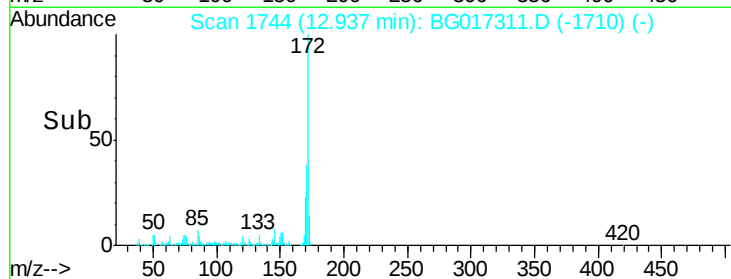
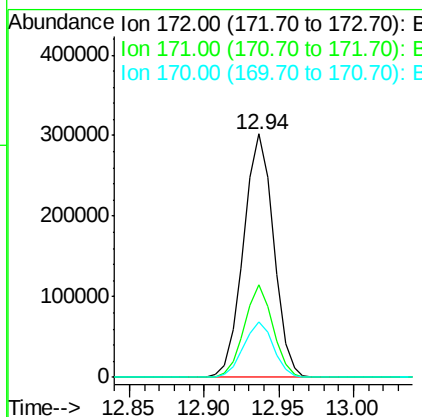
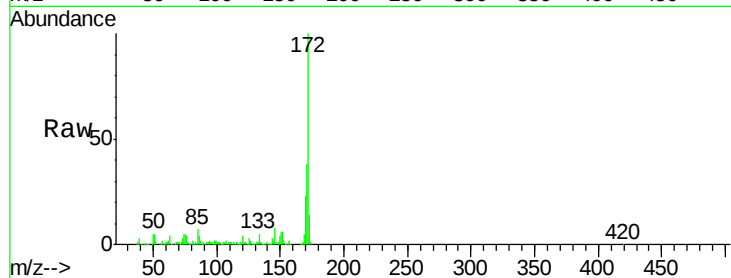




#44
 2-Fluorobiphenyl
 Concen: 90.67 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG017311.D
 Acq: 27 May 2015 20:22

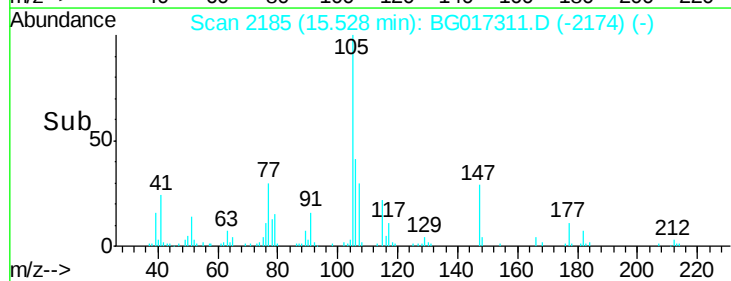
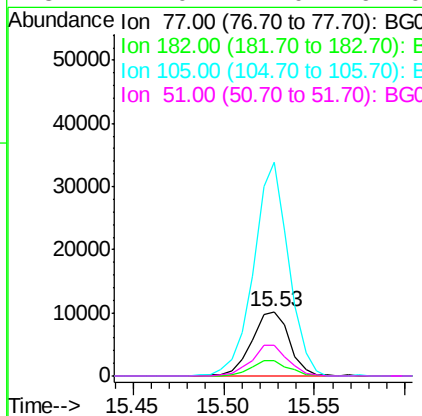
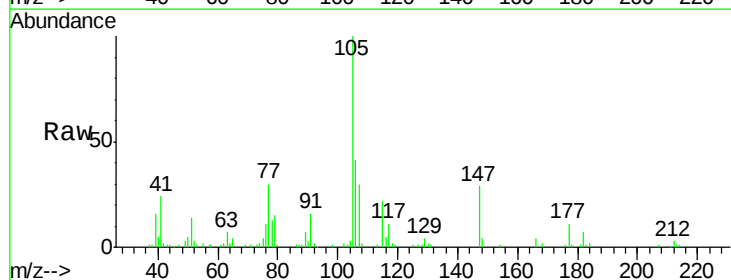
Instrument :
 BNA_G
 ClientSampleId :
 FB-05262015

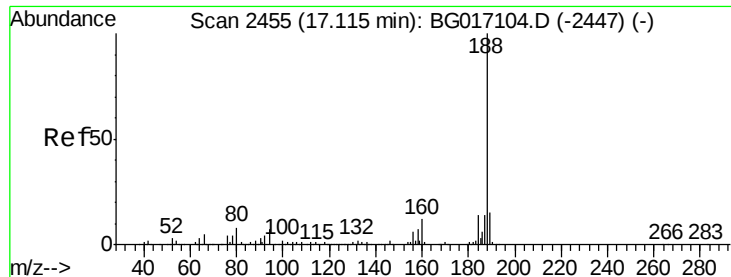
Tgt Ion: 172 Resp: 422703
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 23.0 18.4 27.6



#62
 Azobenzene
 Concen: 2.70 ng
 RT: 15.53 min Scan# 2185
 Delta R.T. -0.13 min
 Lab File: BG017311.D
 Acq: 27 May 2015 20:22

Tgt Ion: 77 Resp: 14847
 Ion Ratio Lower Upper
 77 100
 182 24.6 8.1 48.1
 105 332.3 0.0 34.8#
 51 47.0 22.0 62.0

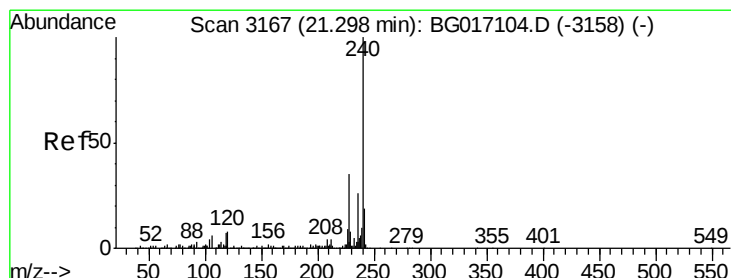
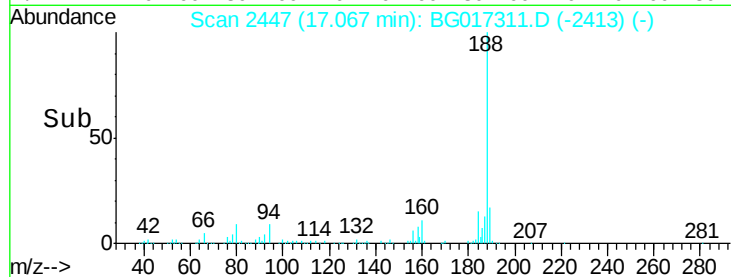
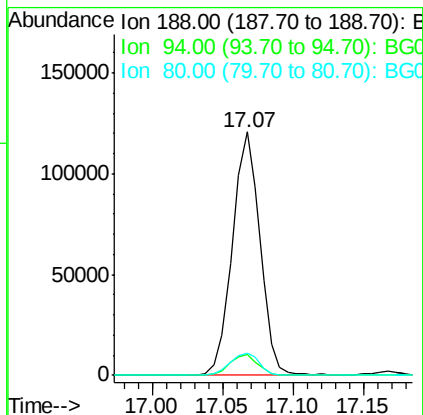
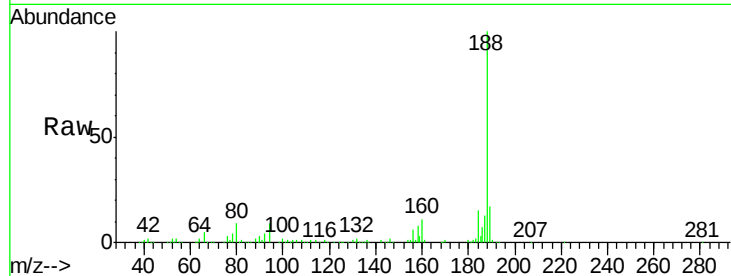




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG017311.D
Acq: 27 May 2015 20:22

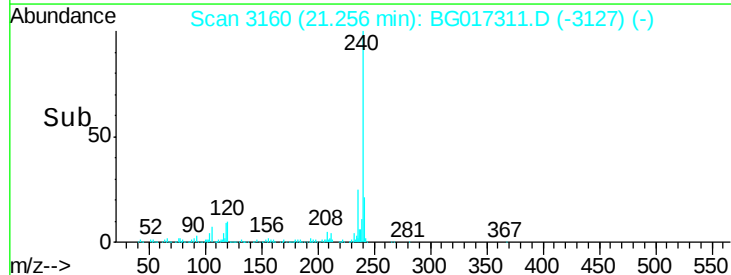
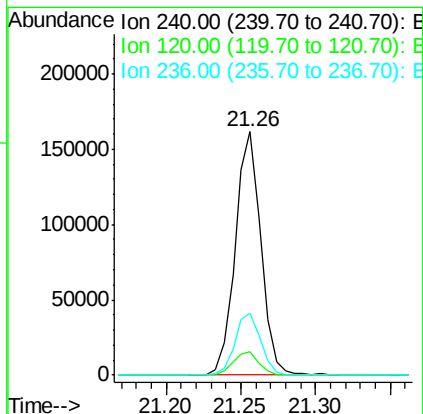
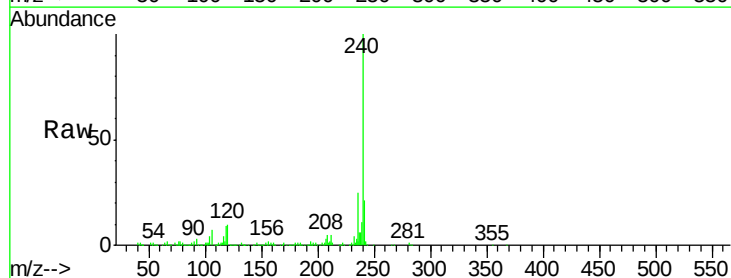
Instrument :
BNA_G
ClientSampleId :
FB-05262015

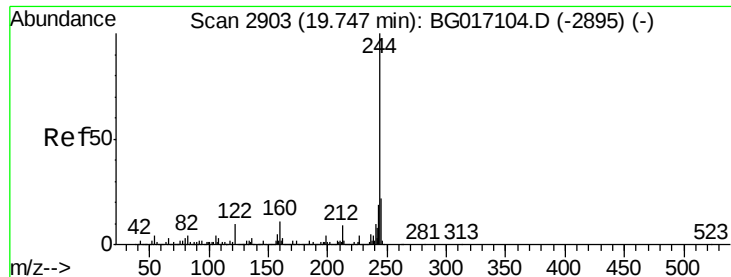
Tgt Ion:188 Resp: 164102
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.6#
80 9.2 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017311.D
Acq: 27 May 2015 20:22

Tgt Ion:240 Resp: 193507
Ion Ratio Lower Upper
240 100
120 9.6 6.0 9.0#
236 25.2 20.5 30.7





#78

Terphenyl-d14

Concen: 86.82 ng

RT: 19.71 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

FB-05262015

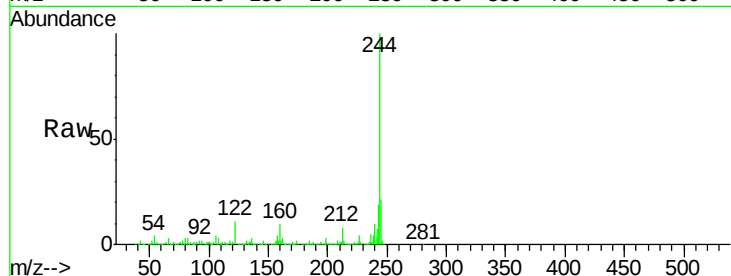
Tgt Ion:244 Resp: 806166

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

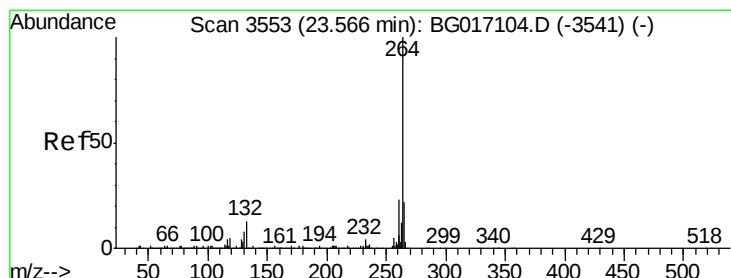
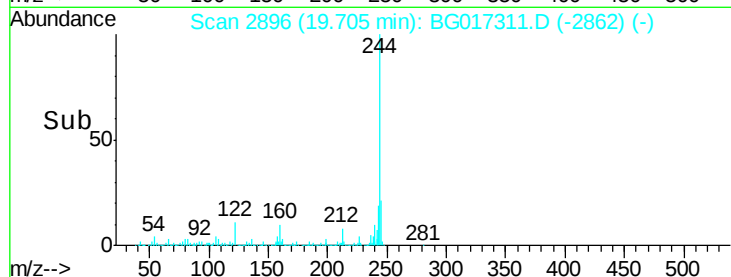
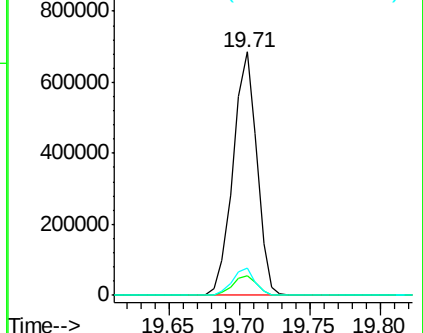
122 11.0 8.4 12.6



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: 23.51 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG017311.D

Acq: 27 May 2015 20:22

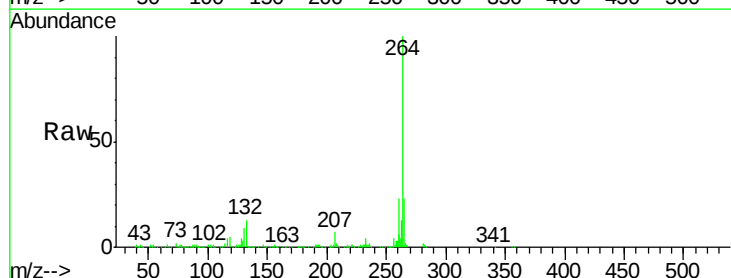
Tgt Ion:264 Resp: 191205

Ion Ratio Lower Upper

264 100

260 23.3 18.0 27.0

265 22.8 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

