

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017133.D
 Acq On : 14 May 2015 6:45
 Operator : TP/IZ
 Sample : PB83339TB
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83339TB

Quant Time: May 14 08:14:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:13:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	51874	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	216281	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	140947	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	338841	20.00	ng	0.00
75) Chrysene-d12	21.29	240	368715	20.00	ng	0.00
86) Perylene-d12	23.56	264	360314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	316528	108.26	ng	0.00
7) Phenol-d6	6.91	99	424629	103.49	ng	0.00
23) Nitrobenzene-d5	8.87	82	277784	59.96	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	164987	96.83	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	565606	58.88	ng	0.00
78) Terphenyl-d14	19.74	244	1078074	60.93	ng	0.00

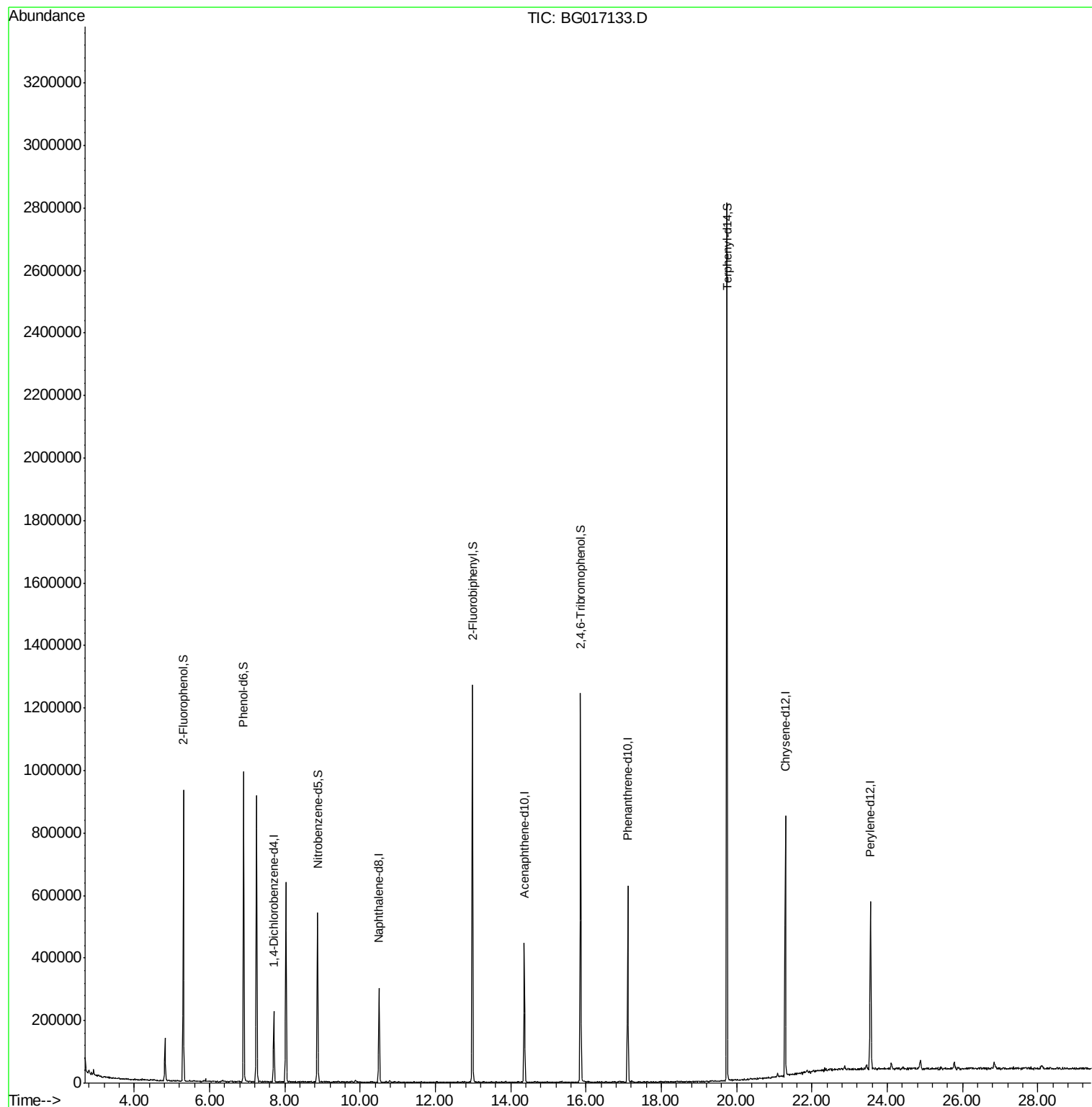
Target Compounds	Qvalue
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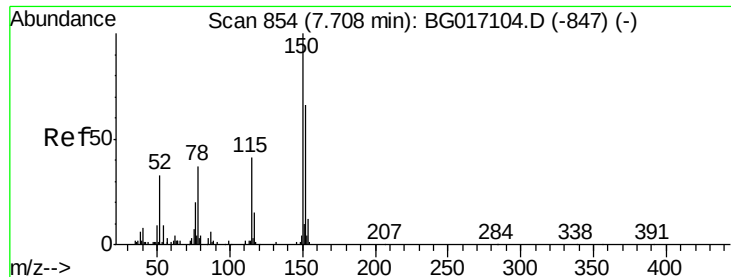
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

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BNA_G

ClientSampleId :

PB83339TB

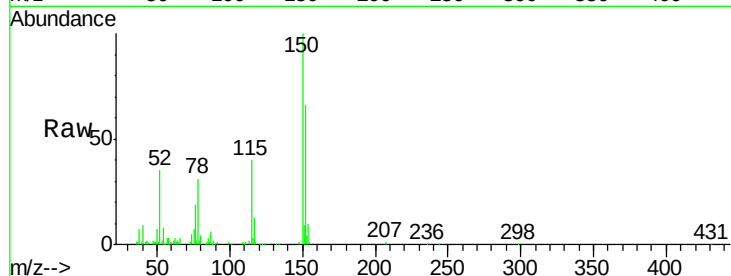
Tgt Ion:152 Resp: 51874

Ion Ratio Lower Upper

152 100

150 151.8 120.8 181.2

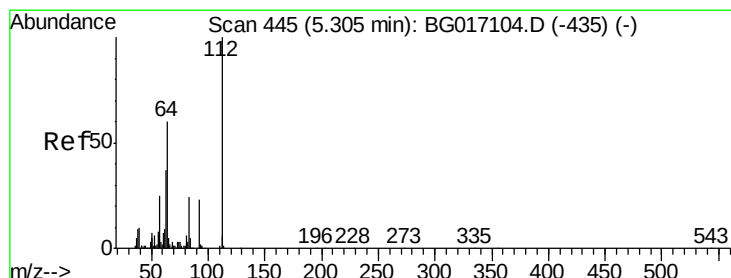
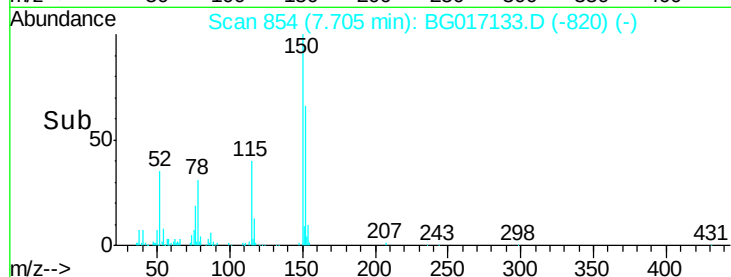
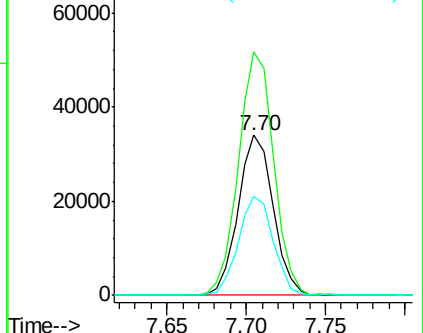
115 61.3 49.4 74.2



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: 108.26 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

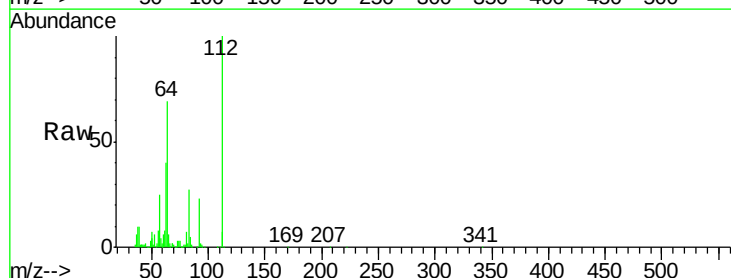
Tgt Ion:112 Resp: 316528

Ion Ratio Lower Upper

112 100

64 69.2 48.1 72.1

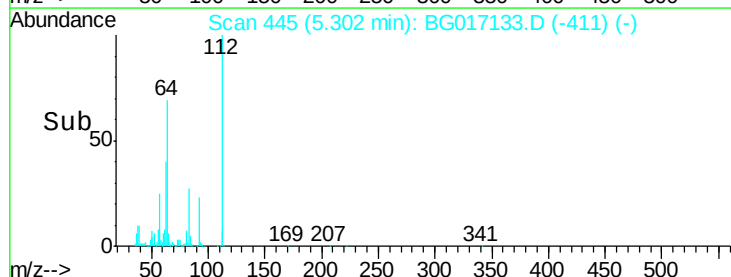
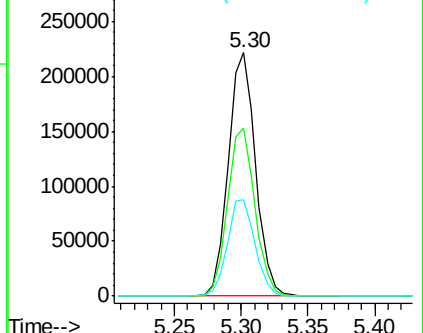
63 39.7 29.8 44.8

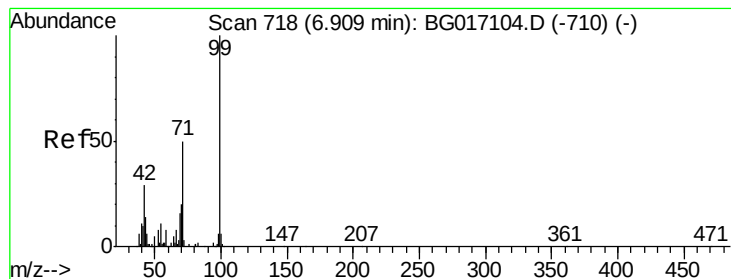


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.49 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

Instrument :

BNA_G

ClientSampleId :

PB83339TB

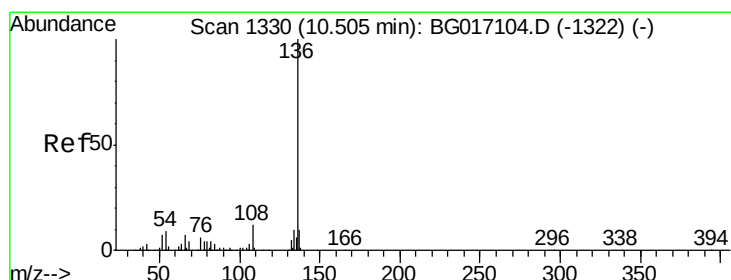
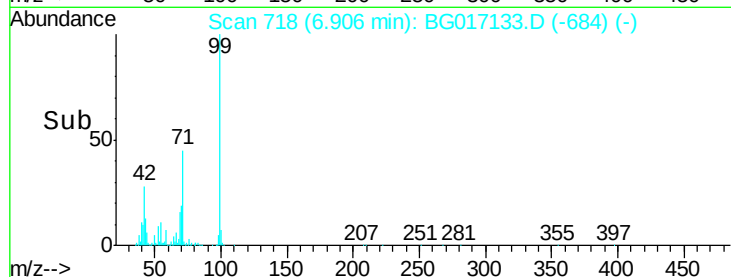
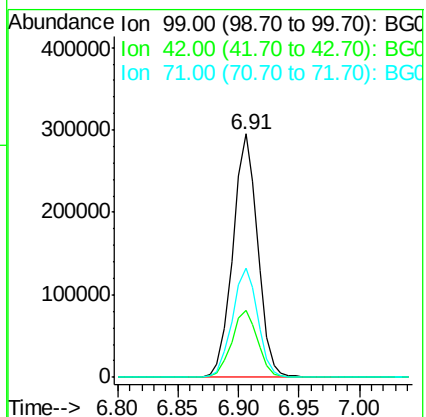
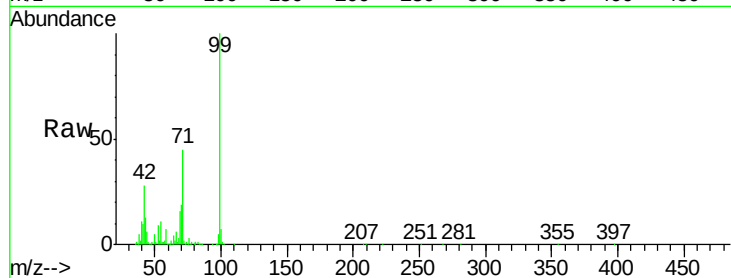
Tgt Ion: 99 Resp: 424629

Ion Ratio Lower Upper

99 100

42 27.7 23.5 35.3

71 44.7 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

Tgt Ion: 136 Resp: 216281

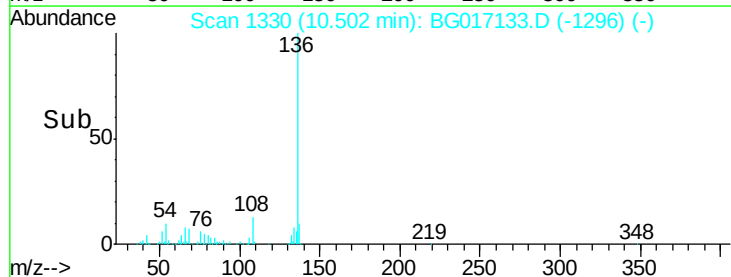
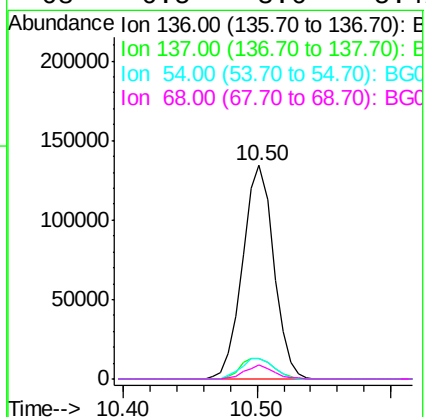
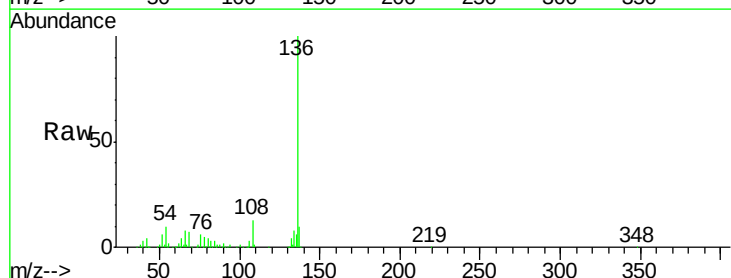
Ion Ratio Lower Upper

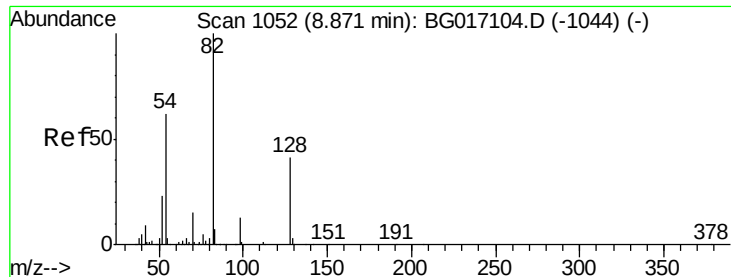
136 100

137 9.8 8.3 12.5

54 9.6 7.4 11.2

68 6.5 3.6 5.4#

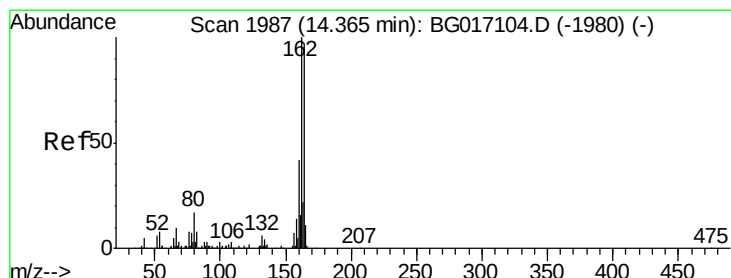
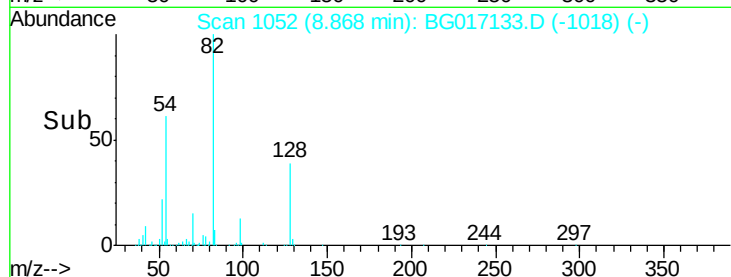
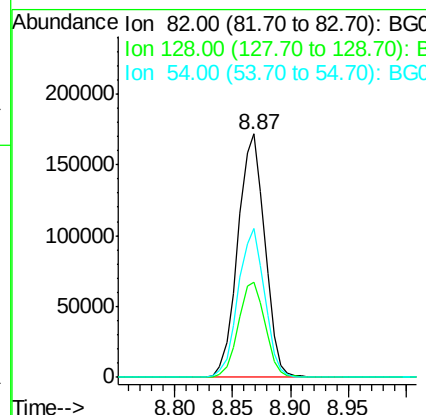
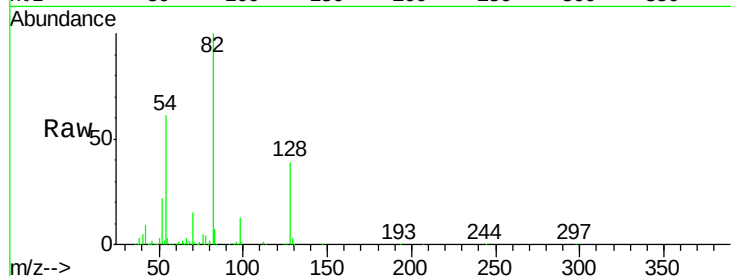




#23
 Nitrobenzene-d5
 Concen: 59.96 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017133.D
 Acq: 14 May 2015 6:45

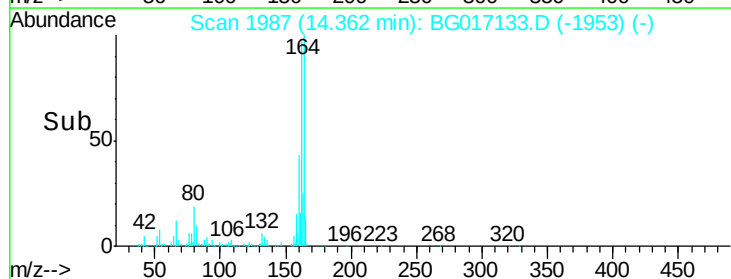
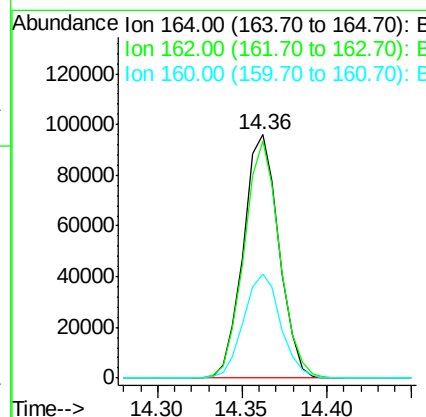
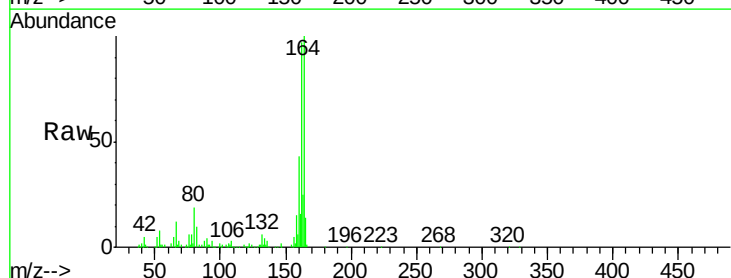
Instrument :
 BNA_G
 ClientSampleId :
 PB83339TB

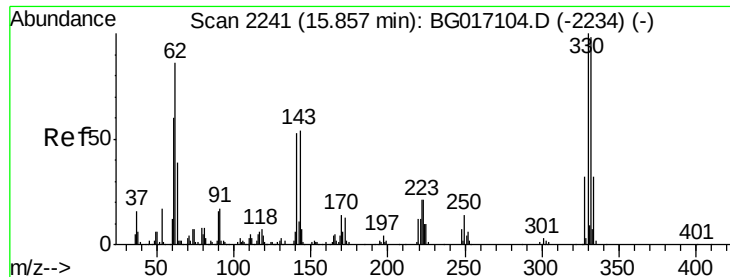
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.6	49.0
54	61.2	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017133.D
 Acq: 14 May 2015 6:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.1	123.1
160	42.6	34.8	52.2

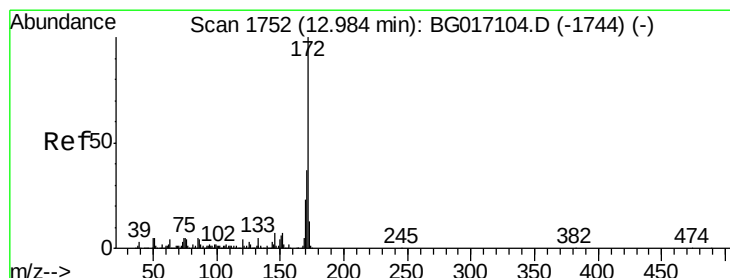
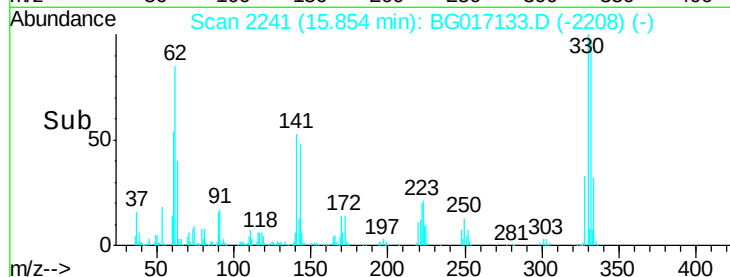
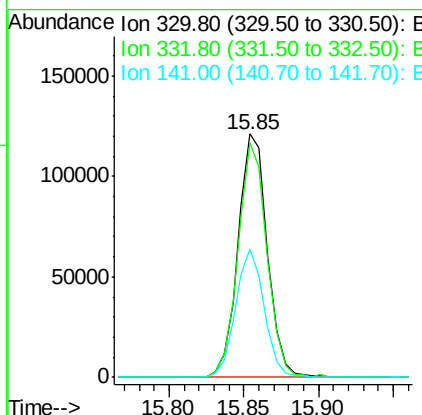
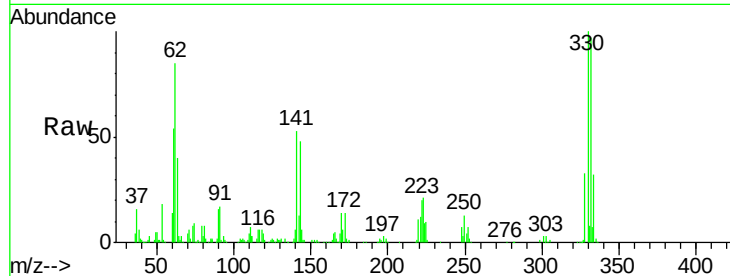




#41
 2,4,6-Tribromophenol
 Concen: 96.83 ng
 RT: 15.85 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG017133.D
 Acq: 14 May 2015 6:45

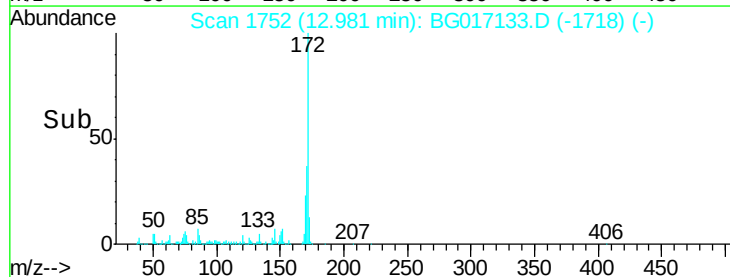
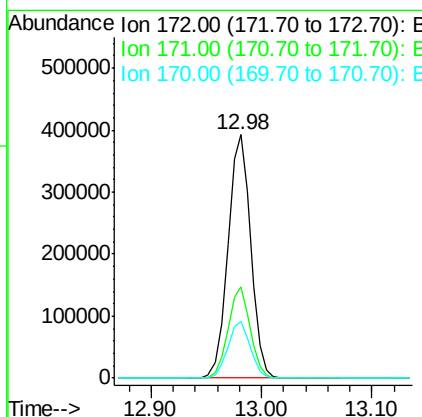
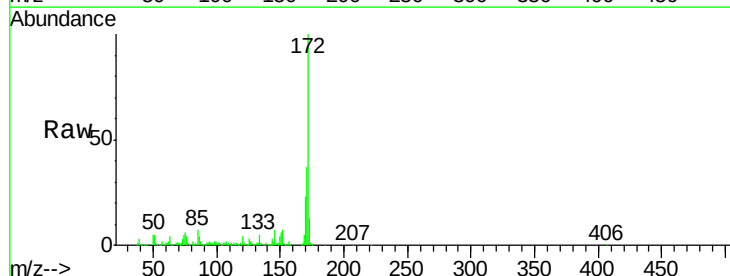
Instrument :
 BNA_G
 ClientSampleId :
 PB83339TB

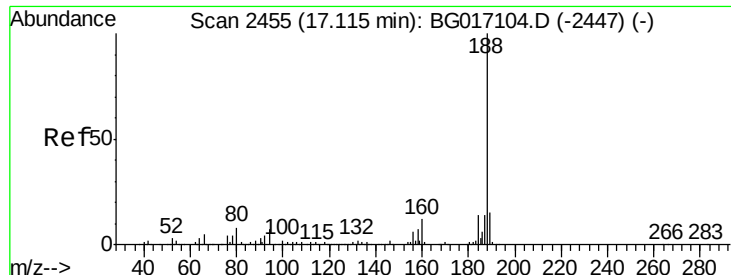
Tgt Ion: 330 Resp: 164987
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 51.8 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 58.88 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017133.D
 Acq: 14 May 2015 6:45

Tgt Ion: 172 Resp: 565606
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 23.1 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

Instrument :

BNA_G

ClientSampleId :

PB83339TB

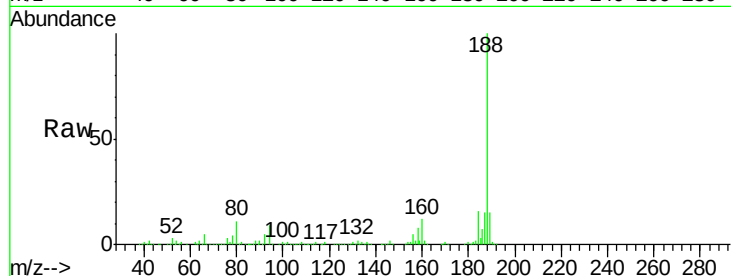
Tgt Ion:188 Resp: 338841

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

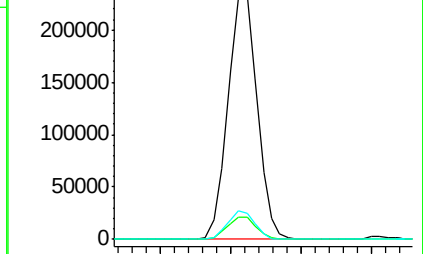
80 10.8 6.5 9.7#



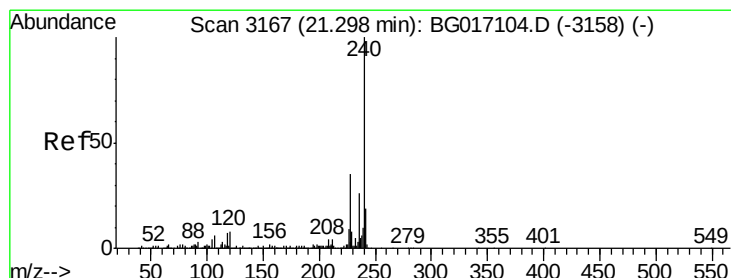
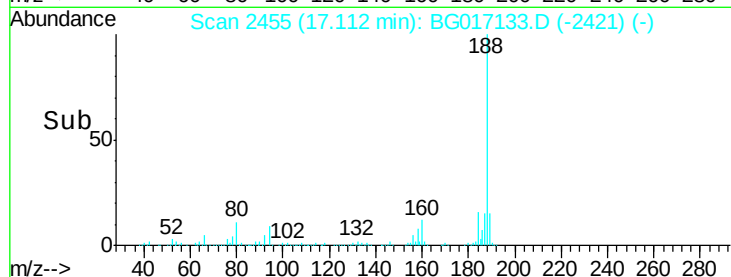
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

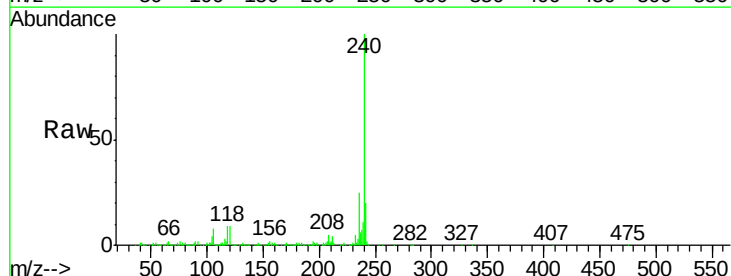
Tgt Ion:240 Resp: 368715

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0

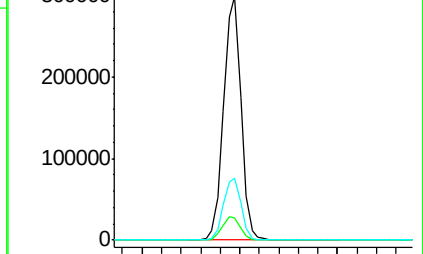
236 25.2 20.5 30.7



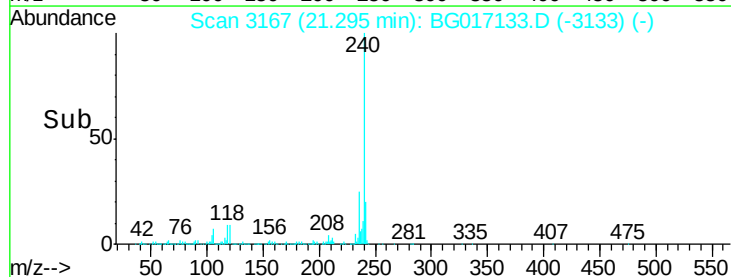
Abundance Ion 240.00 (239.70 to 240.70): E

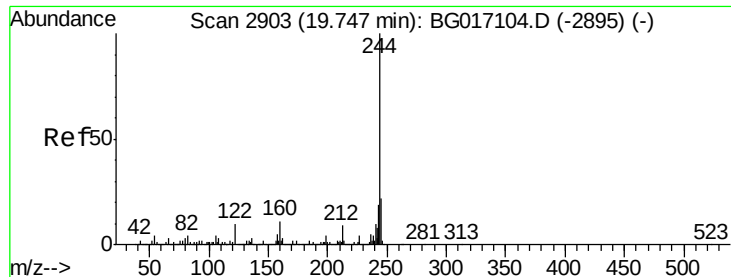
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 60.93 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

Instrument :

BNA_G

ClientSampleId :

PB83339TB

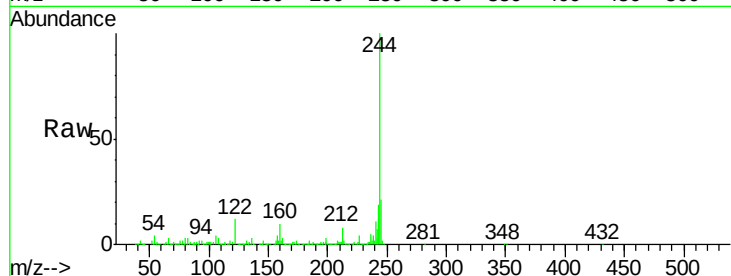
Tgt Ion:244 Resp: 1078074

Ion Ratio Lower Upper

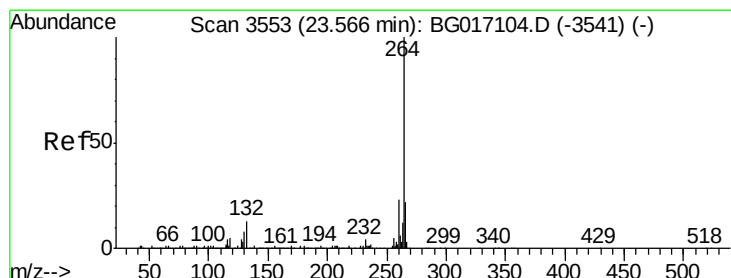
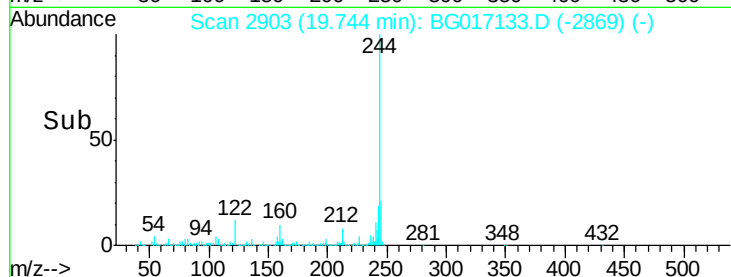
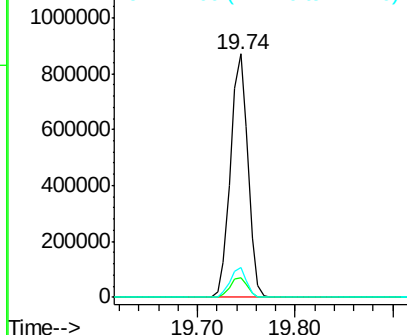
244 100

212 8.2 7.0 10.4

122 12.4 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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017133.D

Acq: 14 May 2015 6:45

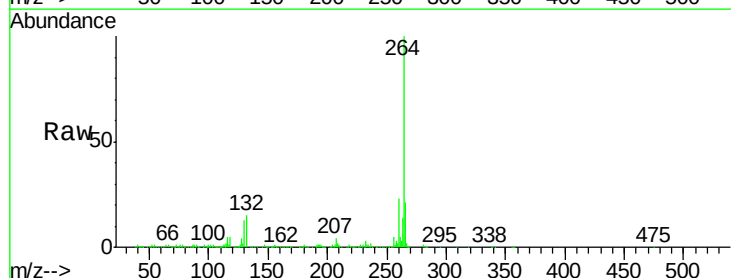
Tgt Ion:264 Resp: 360314

Ion Ratio Lower Upper

264 100

260 22.5 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

