

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017131.D
 Acq On : 14 May 2015 5:36
 Operator : TP/IZ
 Sample : PB83339BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83339BL

Quant Time: May 14 07:29:45 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	7.71	152	47801	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	197782	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	129818	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	320658	20.00	ng	0.00
75) Chrysene-d12	21.29	240	337295	20.00	ng	0.00
86) Perylene-d12	23.56	264	330511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	321070	119.17	ng	0.00
7) Phenol-d6	6.91	99	430124	113.76	ng	0.00
23) Nitrobenzene-d5	8.86	82	273993	64.68	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	172879	110.16	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	570130	64.44	ng	0.00
78) Terphenyl-d14	19.74	244	1083574	66.95	ng	0.00

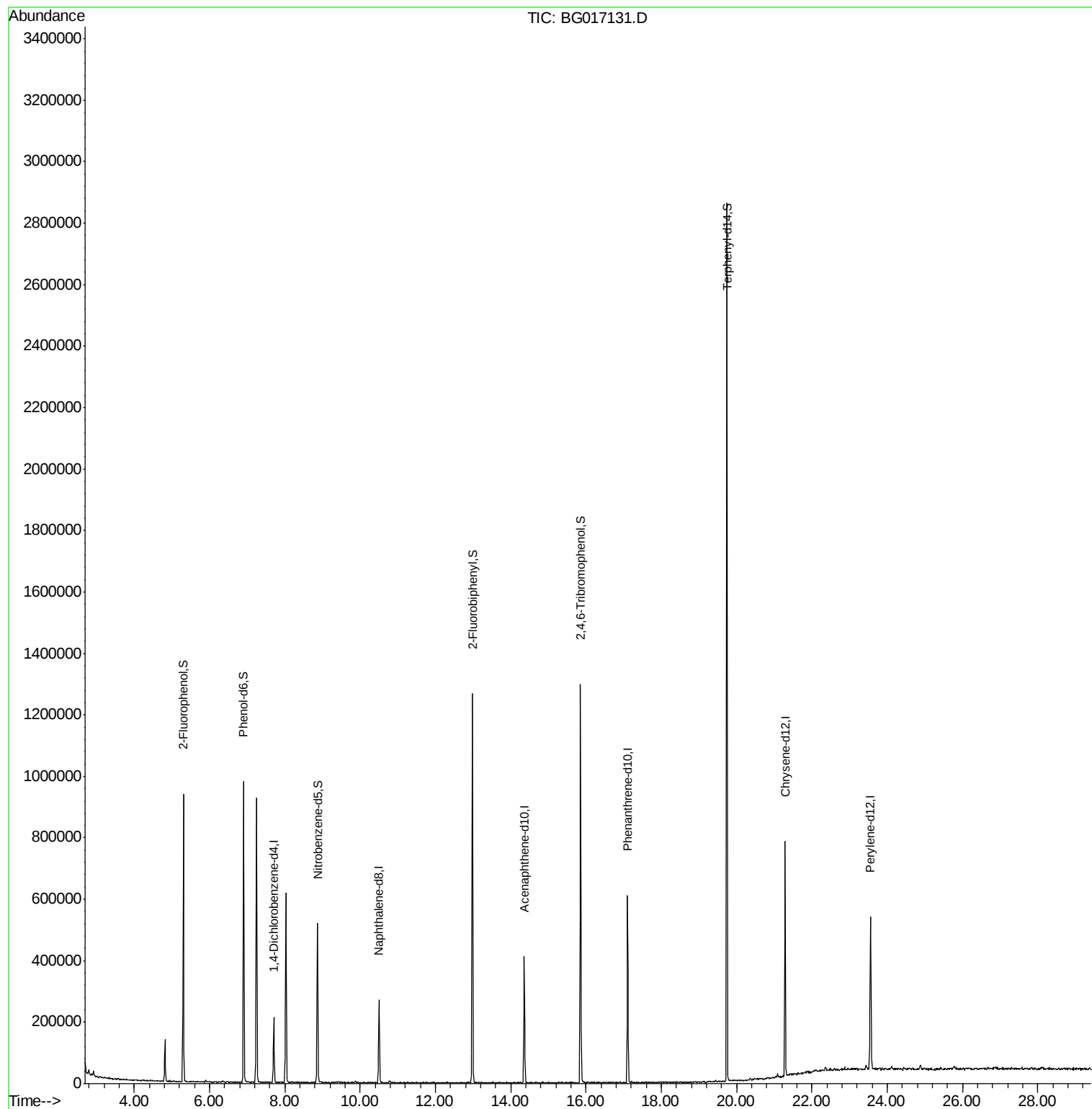
Target Compounds	Qvalue
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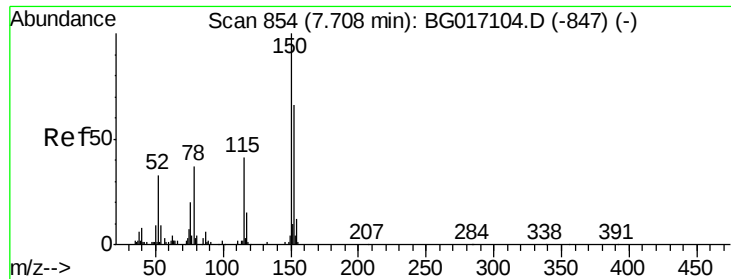
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 06:13:40 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 855

Delta R.T. 0.01 min

Lab File: BG017131.D

Acq: 14 May 2015 5:36

Instrument :

BNA_G

ClientSampleId :

PB83339BL

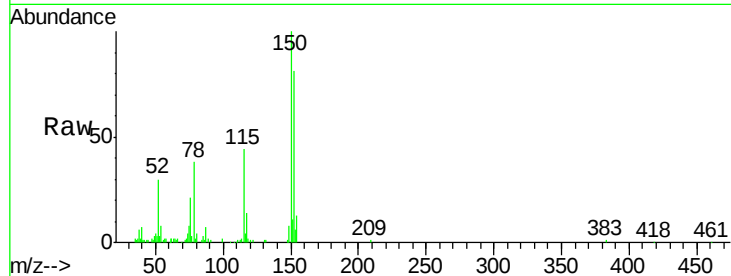
Tgt Ion:152 Resp: 47801

Ion Ratio Lower Upper

152 100

150 123.8 120.8 181.2

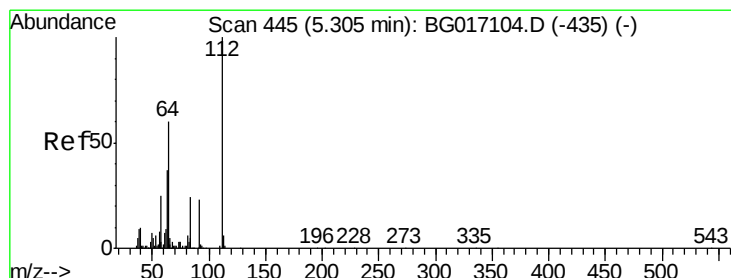
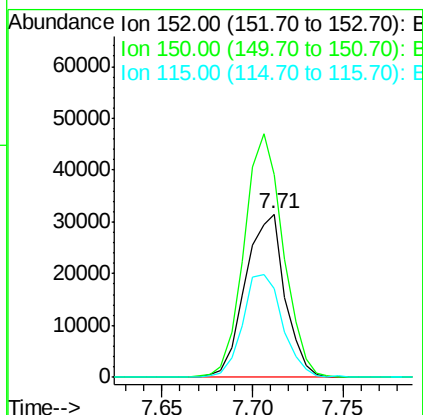
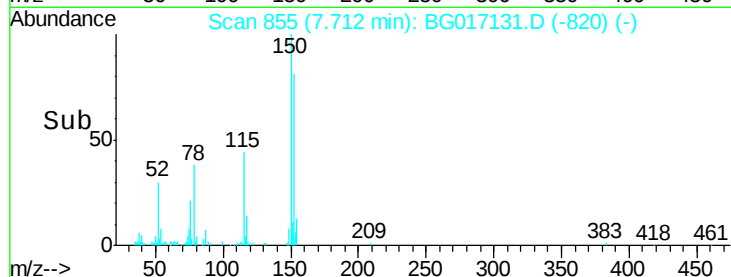
115 53.9 49.4 74.2



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: 119.17 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017131.D

Acq: 14 May 2015 5:36

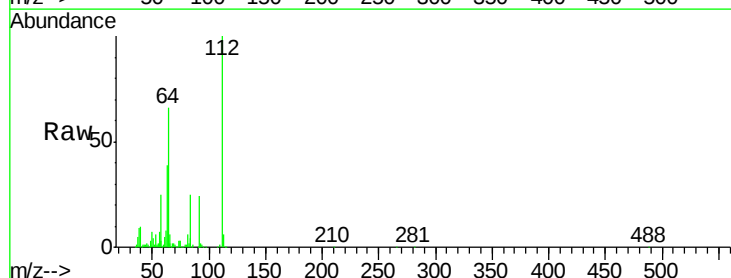
Tgt Ion:112 Resp: 321070

Ion Ratio Lower Upper

112 100

64 66.4 48.1 72.1

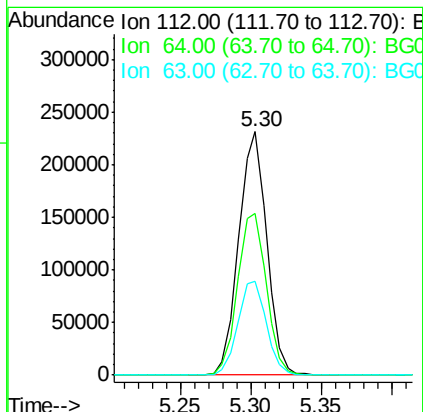
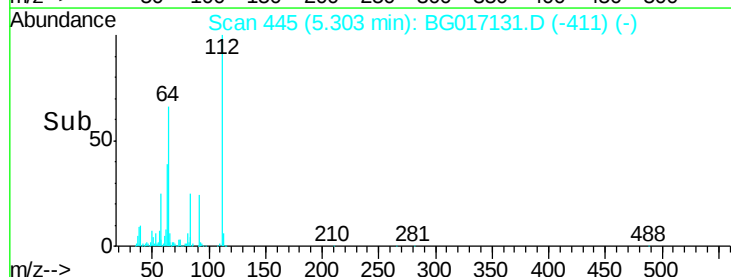
63 38.7 29.8 44.8

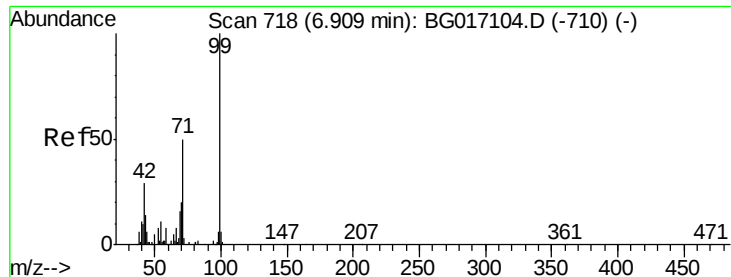


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.76 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017131.D

Acq: 14 May 2015 5:36

Instrument :

BNA_G

ClientSampleId :

PB83339BL

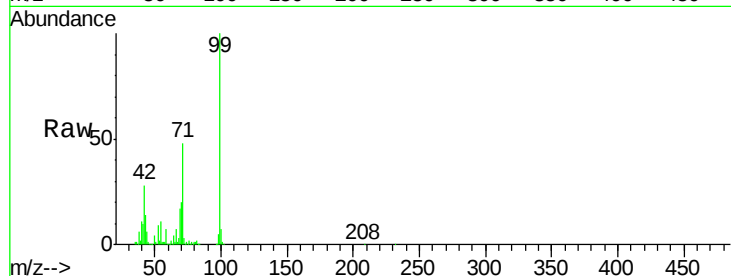
Tgt Ion: 99 Resp: 430124

Ion Ratio Lower Upper

99 100

42 28.2 23.5 35.3

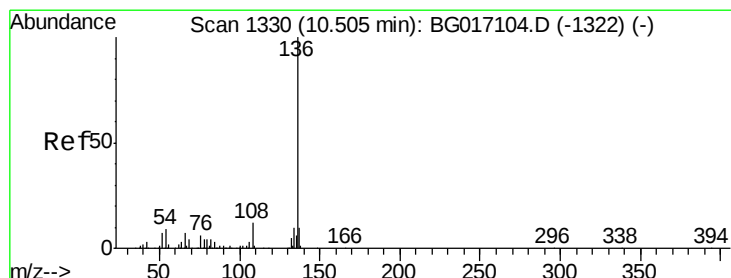
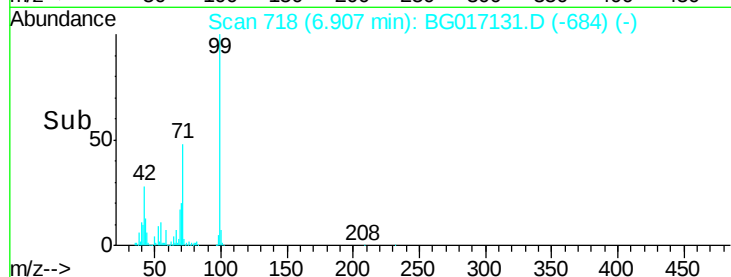
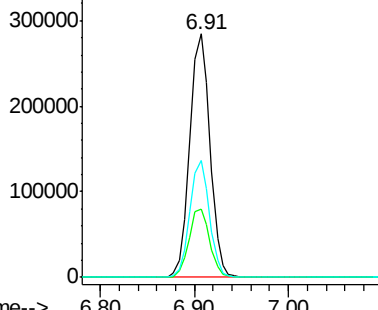
71 47.9 39.8 59.8



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: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017131.D

Acq: 14 May 2015 5:36

Tgt Ion: 136 Resp: 197782

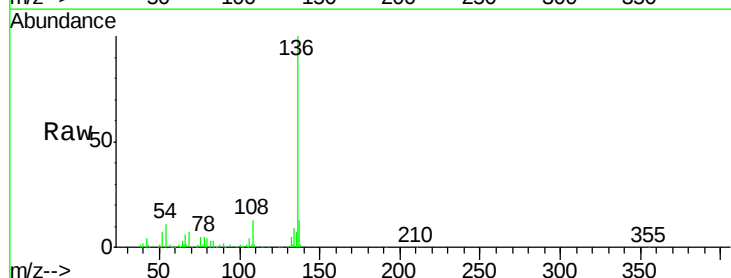
Ion Ratio Lower Upper

136 100

137 12.8 8.3 12.5#

54 10.7 7.4 11.2

68 7.1 3.6 5.4#

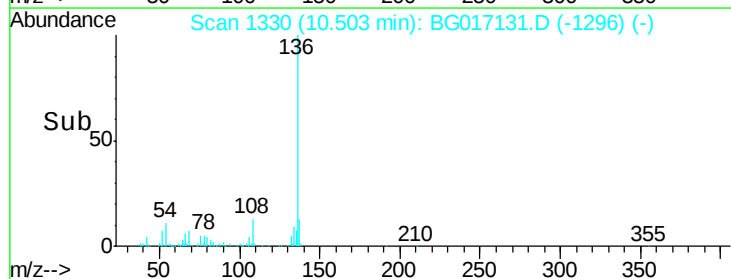
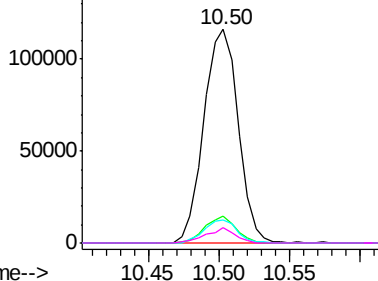


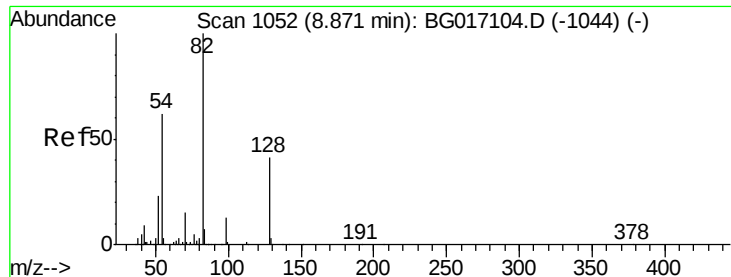
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

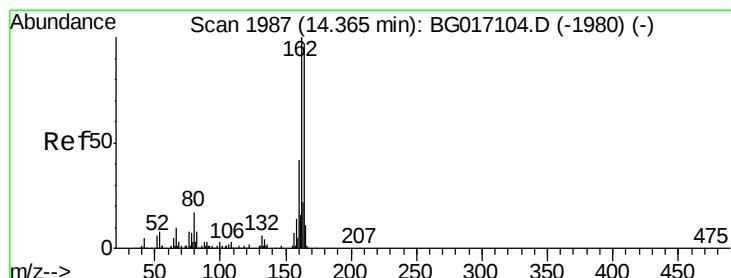
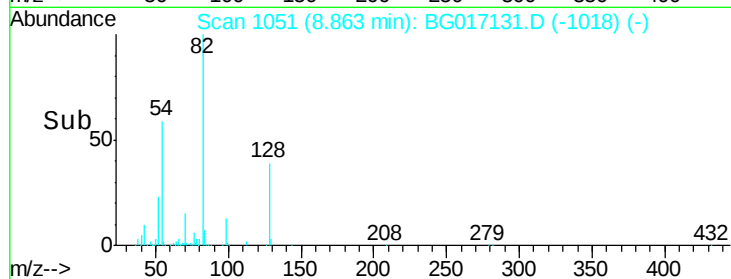
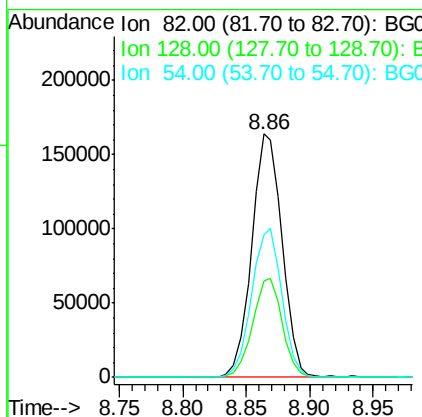
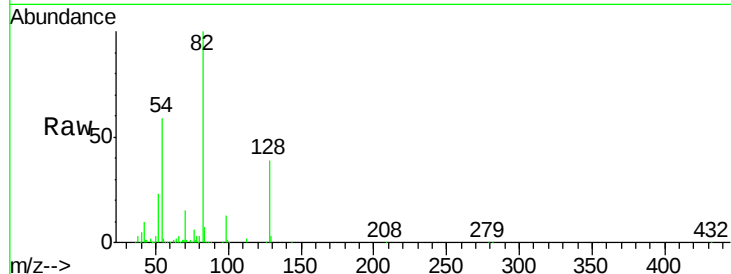




#23
 Nitrobenzene-d5
 Concen: 64.68 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017131.D
 Acq: 14 May 2015 5:36

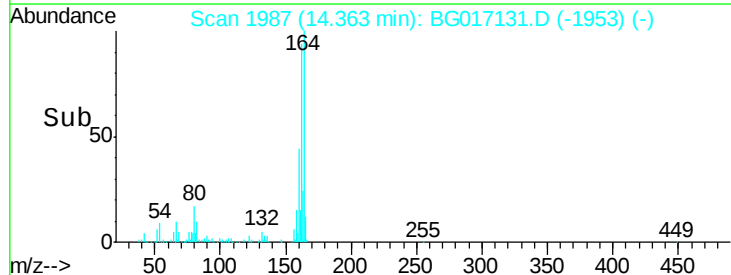
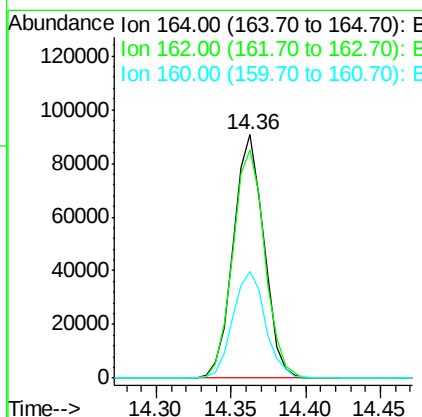
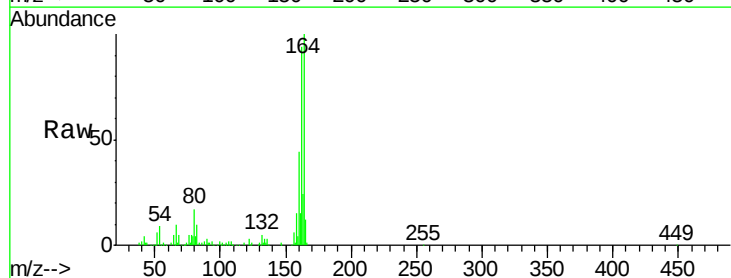
Instrument :
 BNA_G
 ClientSampleId :
 PB83339BL

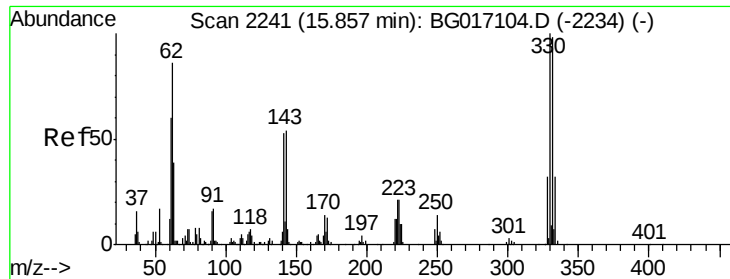
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	58.8	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017131.D
 Acq: 14 May 2015 5:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.9	82.1	123.1
160	43.6	34.8	52.2

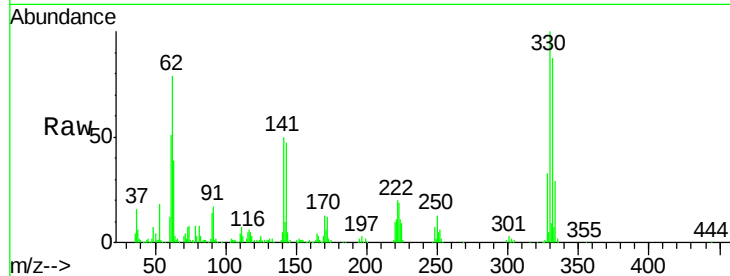




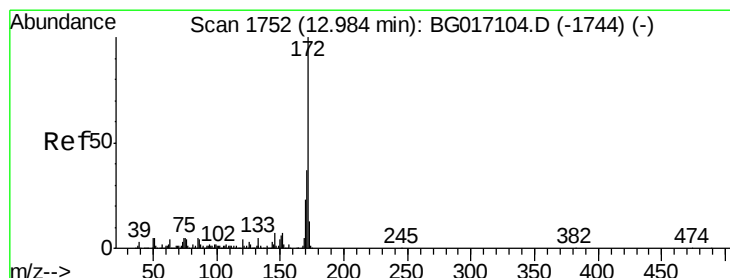
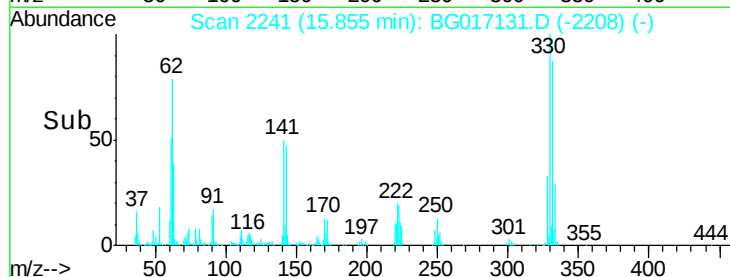
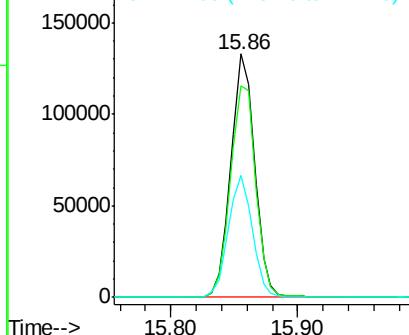
#41
 2,4,6-Tribromophenol
 Concen: 110.16 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG017131.D
 Acq: 14 May 2015 5:36

Instrument :
 BNA_G
 ClientSampleId :
 PB83339BL

Tgt Ion:330 Resp: 172879
 Ion Ratio Lower Upper
 330 100
 332 92.1 76.9 115.3
 141 50.7 42.2 63.2

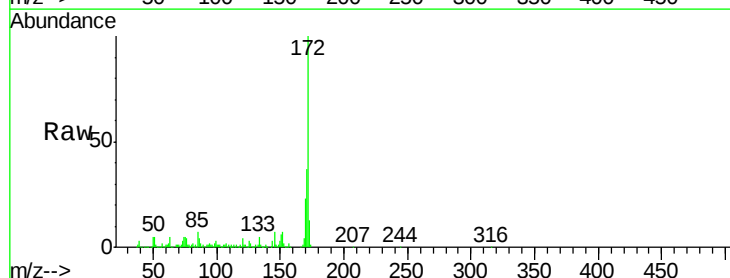


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

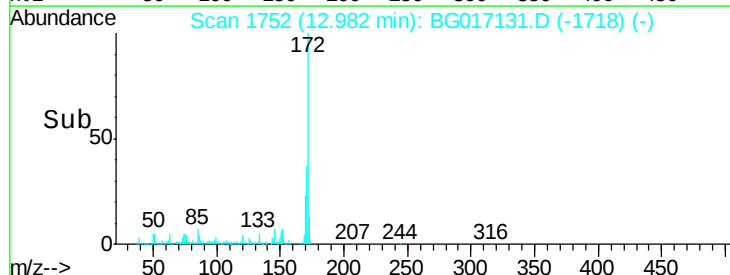
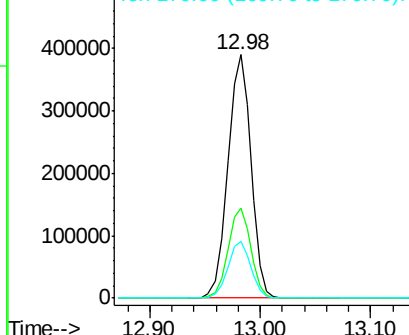


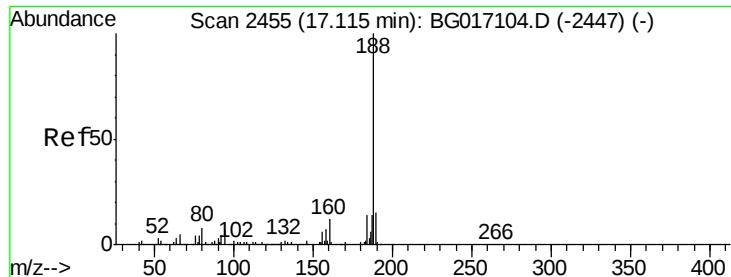
#44
 2-Fluorobiphenyl
 Concen: 64.44 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017131.D
 Acq: 14 May 2015 5:36

Tgt Ion:172 Resp: 570130
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 23.3 18.4 27.6



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

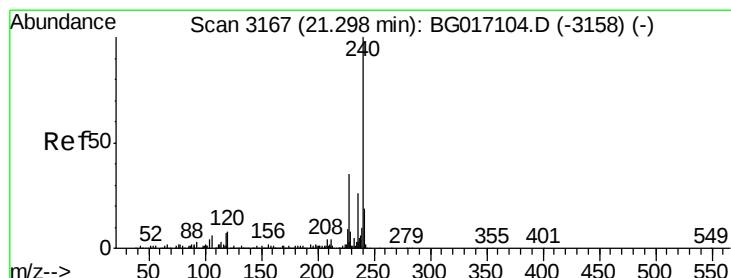
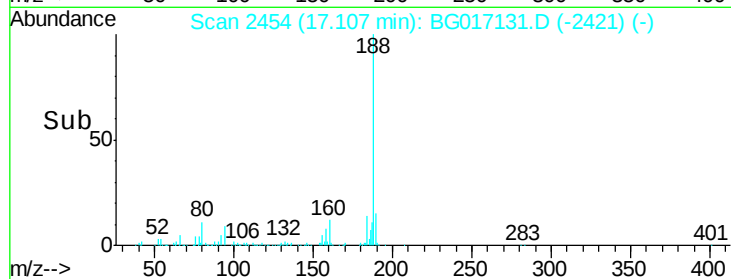
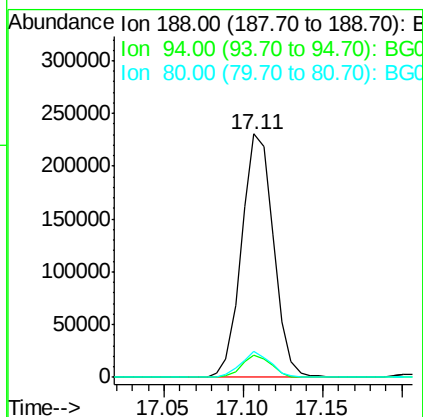
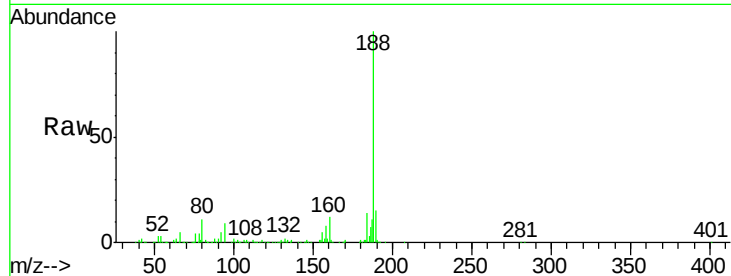




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017131.D
Acq: 14 May 2015 5:36

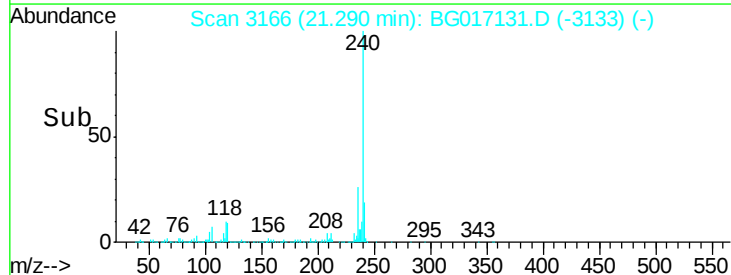
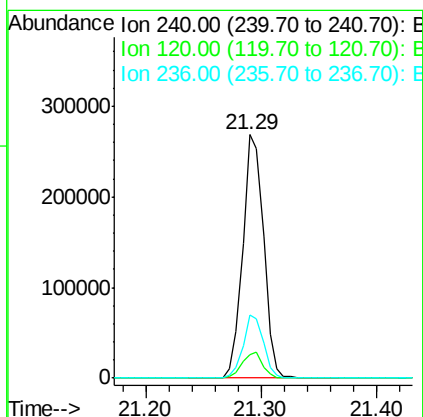
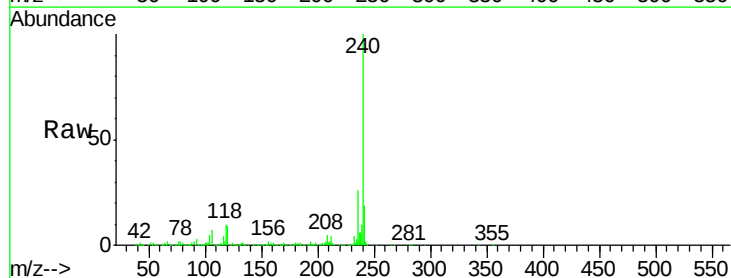
Instrument :
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ClientSampleId :
PB83339BL

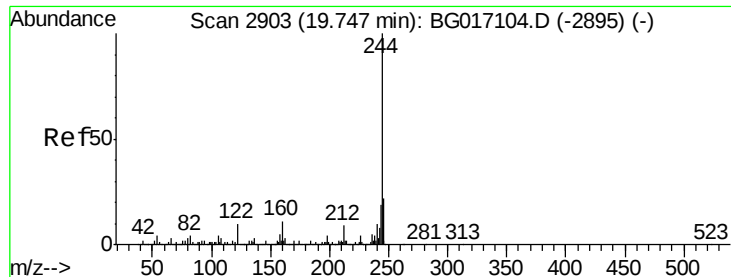
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.8	8.6#
80	10.6	6.5	9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017131.D
Acq: 14 May 2015 5:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.0	9.0#
236	26.0	20.5	30.7





#78

Terphenyl-d14

Concen: 66.95 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017131.D

Acq: 14 May 2015 5:36

Instrument :

BNA_G

ClientSampleId :

PB83339BL

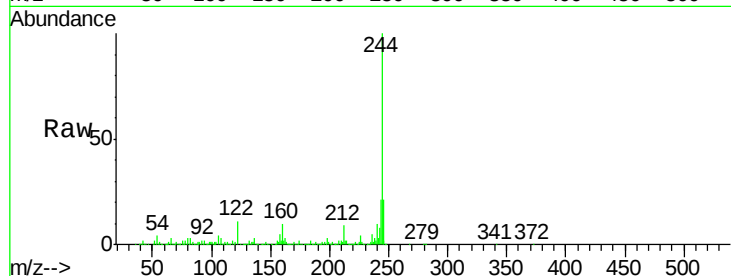
Tgt Ion:244 Resp: 1083574

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

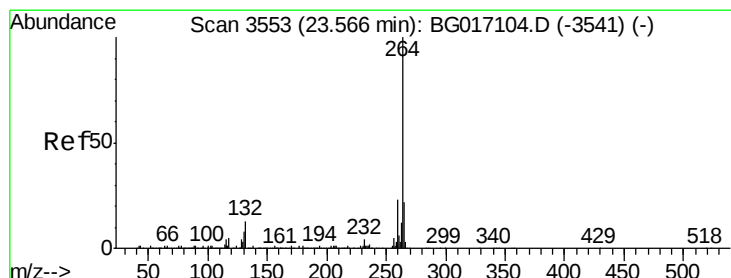
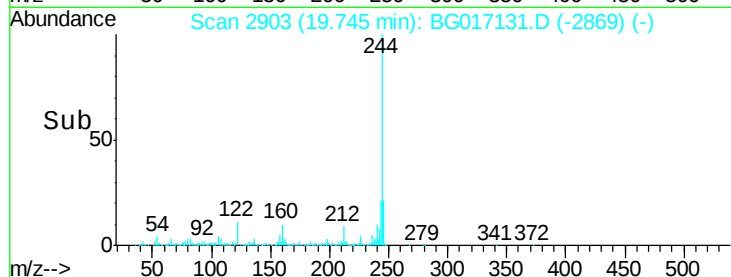
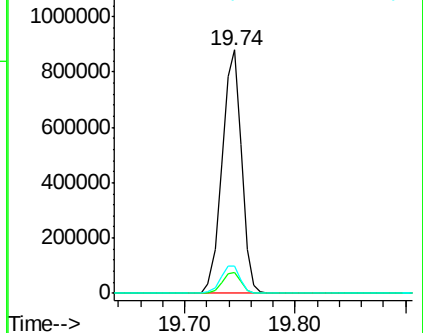
122 11.3 8.4 12.6



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: BG017131.D

Acq: 14 May 2015 5:36

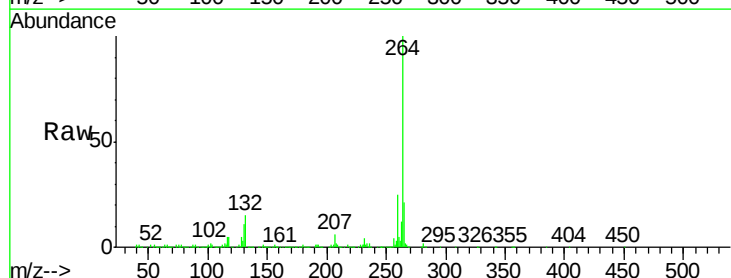
Tgt Ion:264 Resp: 330511

Ion Ratio Lower Upper

264 100

260 25.0 18.0 27.0

265 21.2 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

