

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017166.D
 Acq On : 15 May 2015 7:50
 Operator : TP/IZ
 Sample : PB83314BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83314BL

Quant Time: May 15 08:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	42302	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	180602	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	119111	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	277194	20.00	ng	0.00
75) Chrysene-d12	21.29	240	304239	20.00	ng	0.00
86) Perylene-d12	23.56	264	294184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	354101	148.52	ng	0.00
7) Phenol-d6	6.91	99	469068	140.19	ng	0.00
23) Nitrobenzene-d5	8.87	82	313477	81.04	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	197507	137.17	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	635529	78.29	ng	0.00
78) Terphenyl-d14	19.74	244	1195508	81.89	ng	0.00

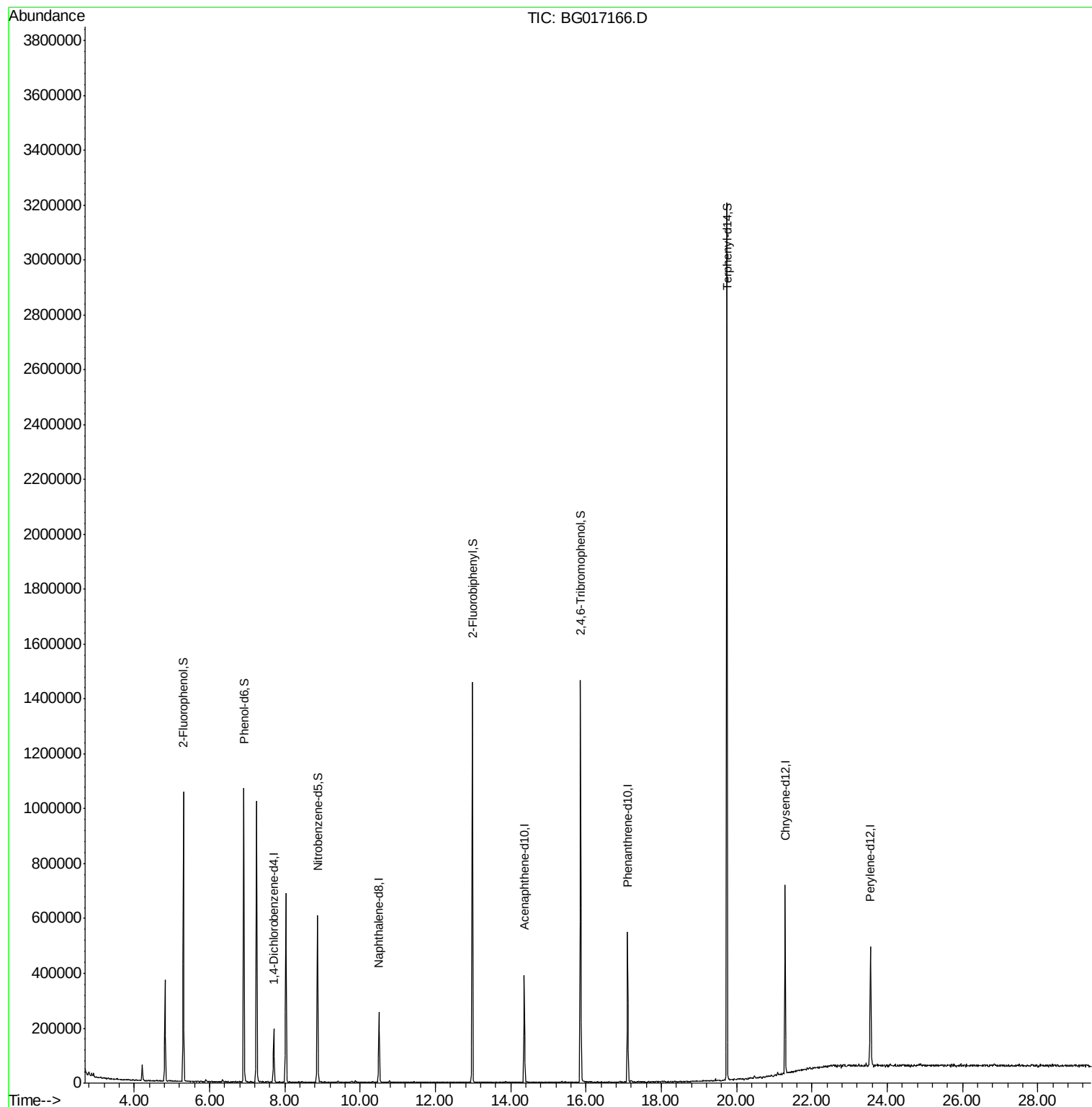
Target Compounds	Qvalue
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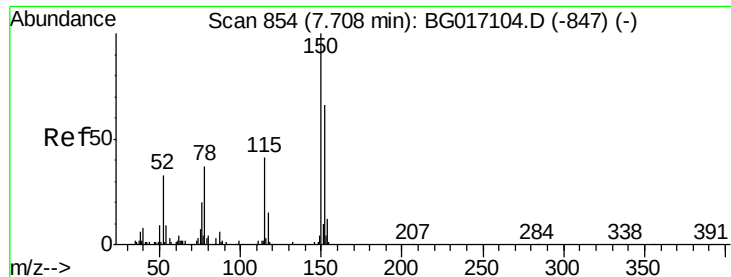
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017166.D

Acq: 15 May 2015 7:50

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BNA_G

ClientSampleId :

PB83314BL

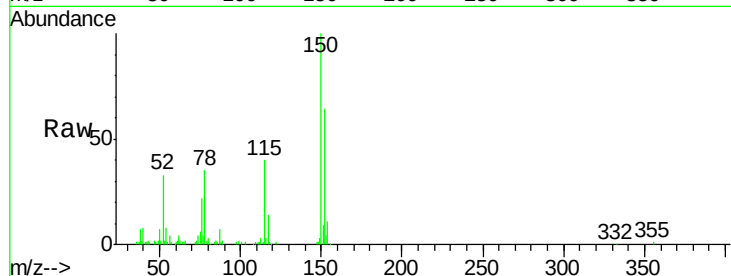
Tgt Ion:152 Resp: 42302

Ion Ratio Lower Upper

152 100

150 156.9 120.8 181.2

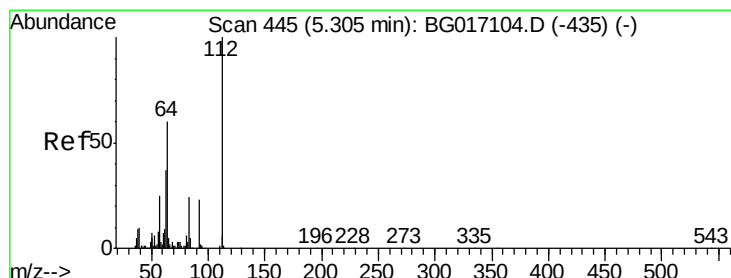
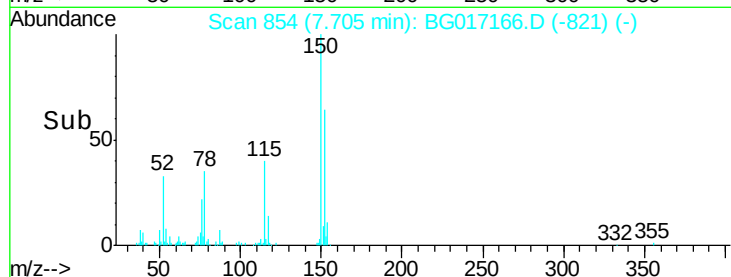
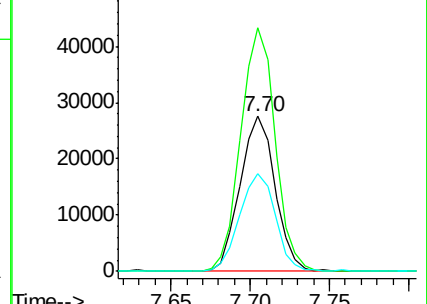
115 62.9 49.4 74.2



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: 148.52 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017166.D

Acq: 15 May 2015 7:50

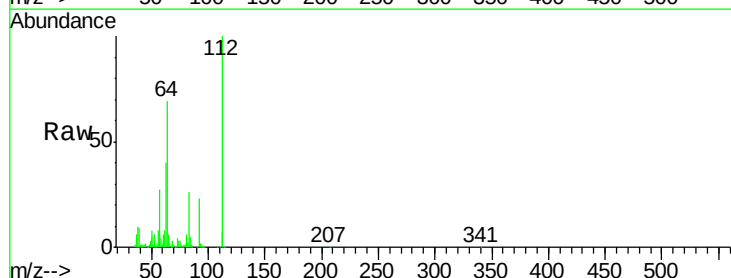
Tgt Ion:112 Resp: 354101

Ion Ratio Lower Upper

112 100

64 68.8 48.1 72.1

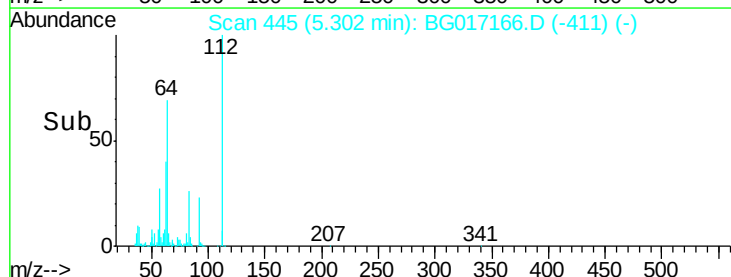
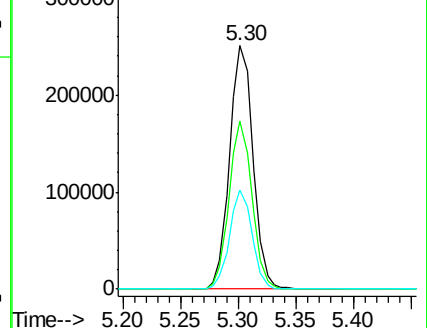
63 40.5 29.8 44.8

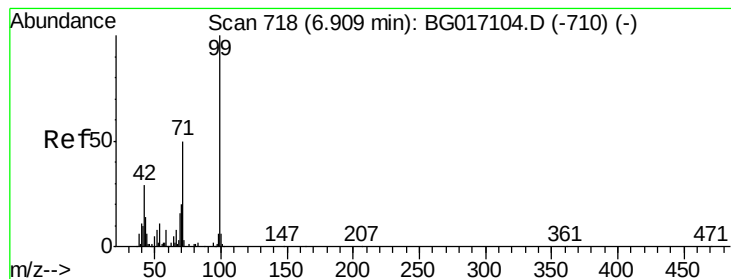


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.19 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG017166.D

Acq: 15 May 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB83314BL

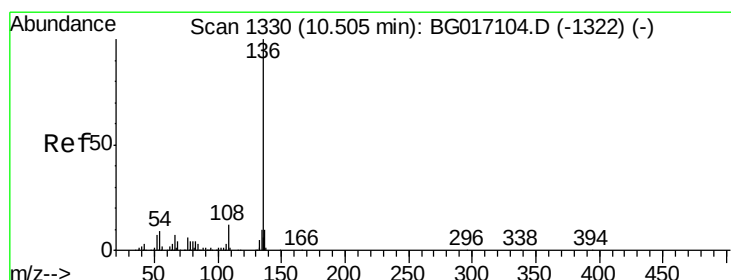
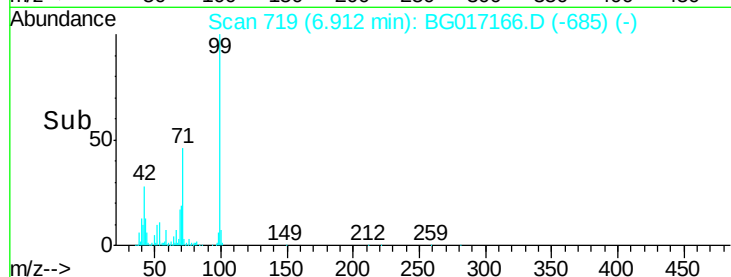
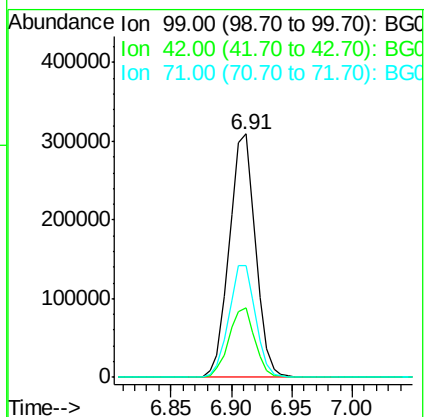
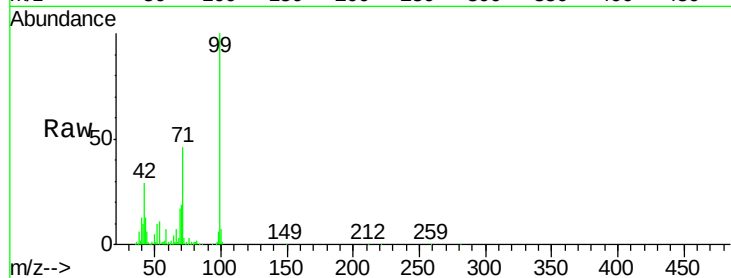
Tgt Ion: 99 Resp: 469068

Ion Ratio Lower Upper

99 100

42 28.6 23.5 35.3

71 45.7 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: BG017166.D

Acq: 15 May 2015 7:50

Tgt Ion: 136 Resp: 180602

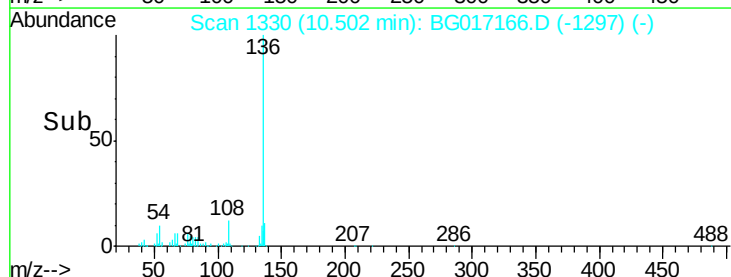
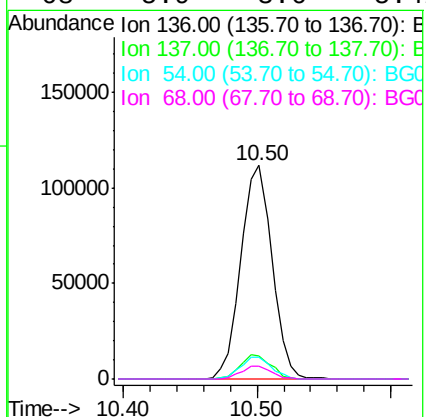
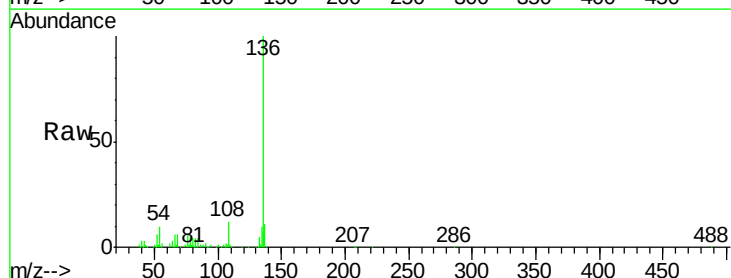
Ion Ratio Lower Upper

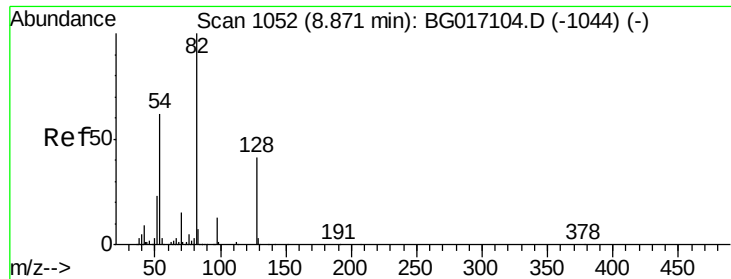
136 100

137 10.6 8.3 12.5

54 10.0 7.4 11.2

68 5.9 3.6 5.4#

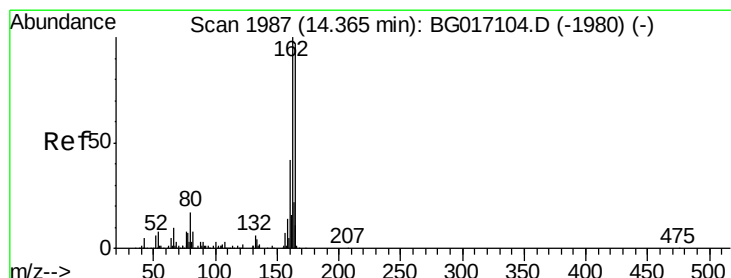
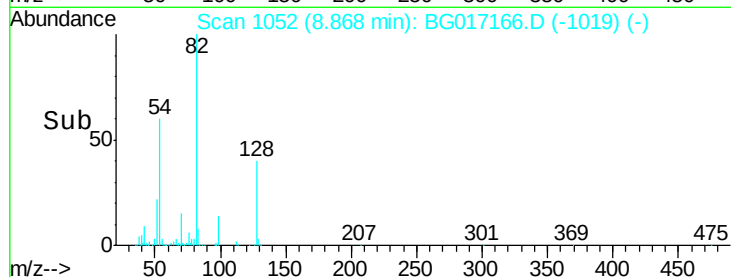
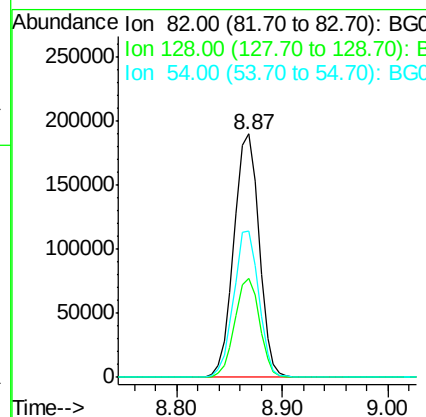
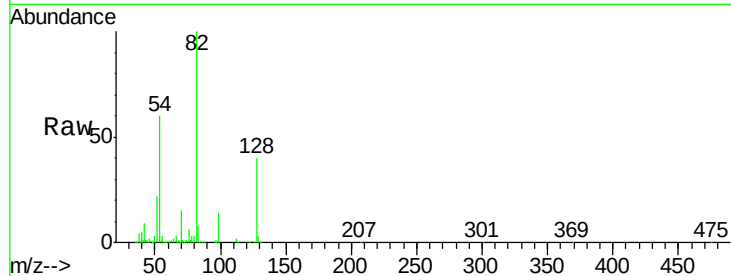




#23
 Nitrobenzene-d5
 Concen: 81.04 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017166.D
 Acq: 15 May 2015 7:50

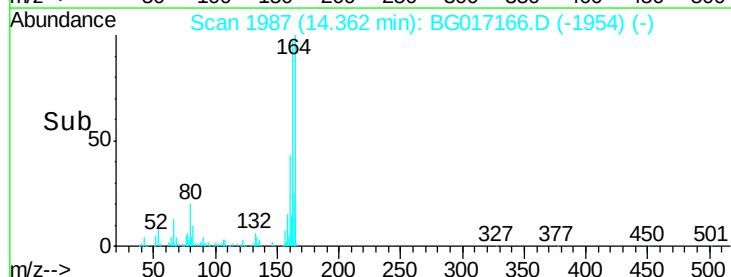
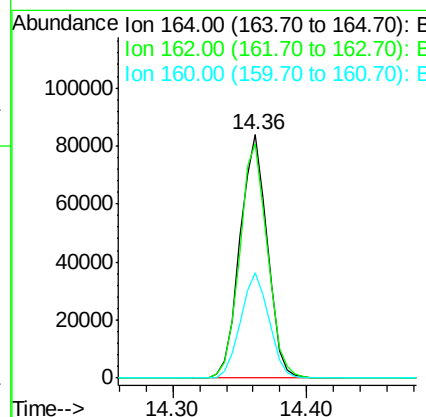
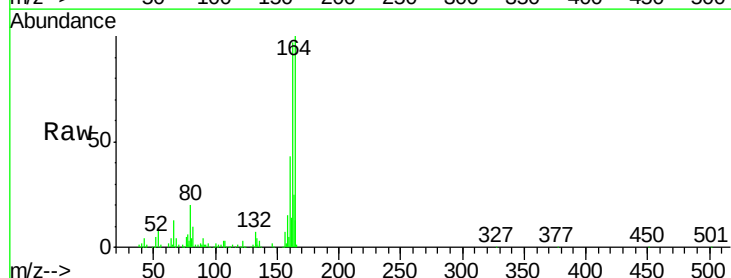
Instrument :
 BNA_G
 ClientSampleId :
 PB83314BL

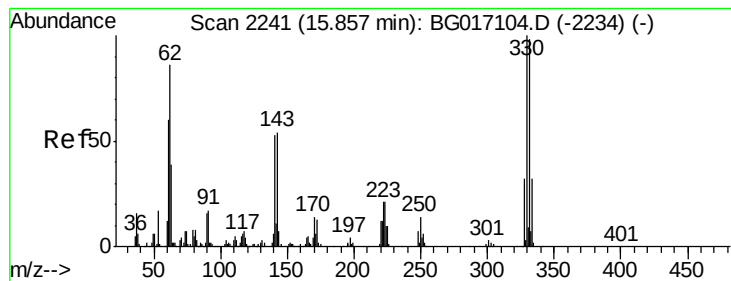
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.6	49.0
54	60.3	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017166.D
 Acq: 15 May 2015 7:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.1	123.1
160	43.2	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 137.17 ng

RT: 15.86 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG017166.D

Acq: 15 May 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB83314BL

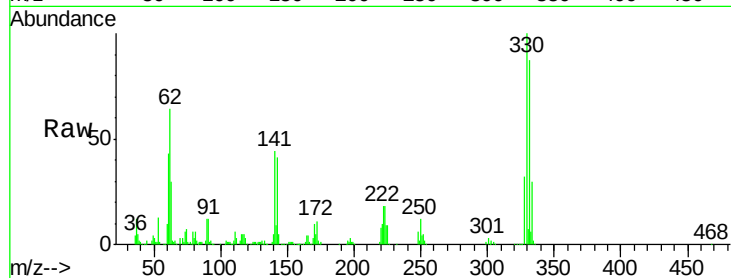
Tgt Ion:330 Resp: 197507

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

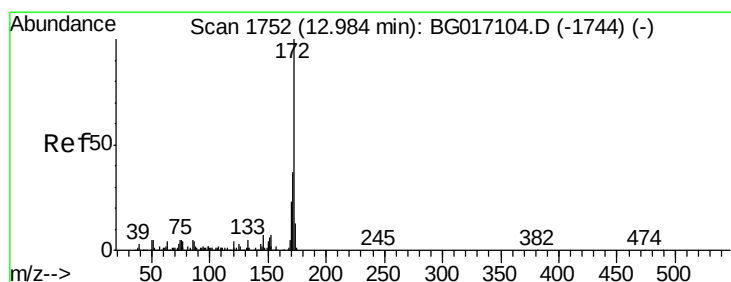
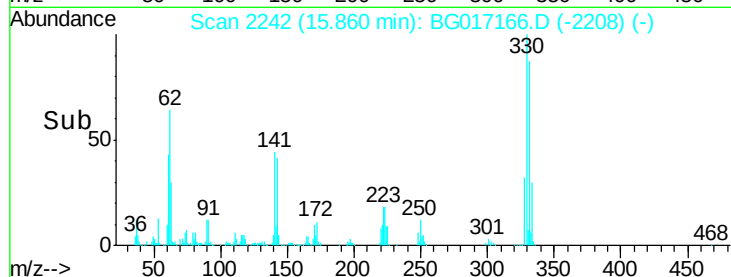
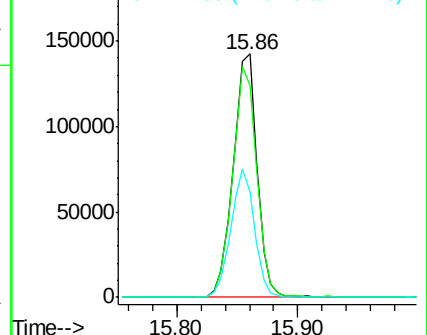
141 51.5 42.2 63.2



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: 78.29 ng

RT: 12.98 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG017166.D

Acq: 15 May 2015 7:50

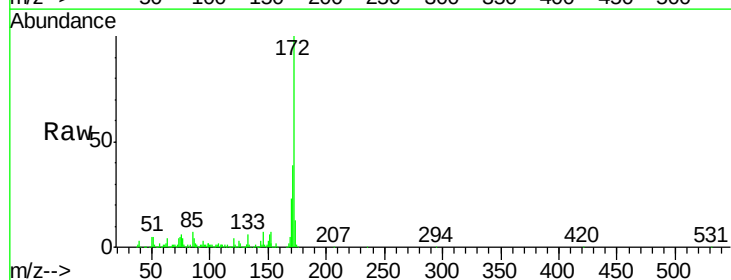
Tgt Ion:172 Resp: 635529

Ion Ratio Lower Upper

172 100

171 39.0 29.7 44.5

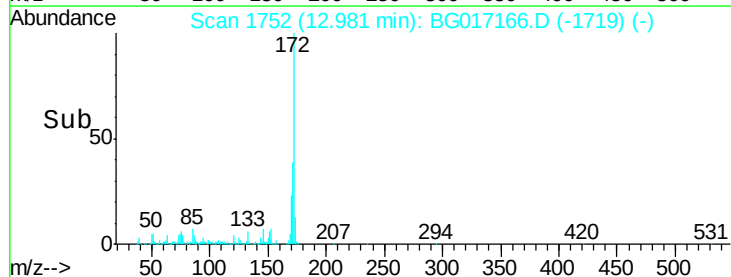
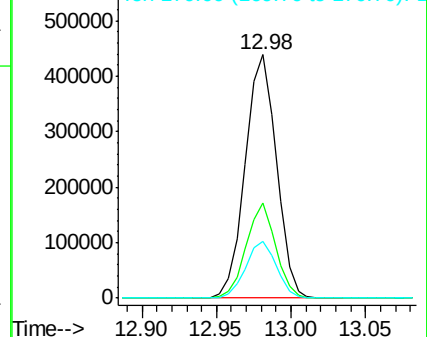
170 23.4 18.4 27.6

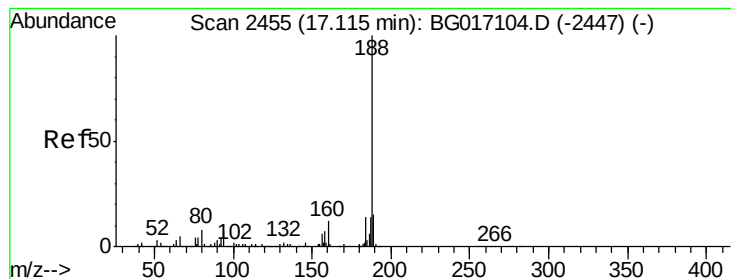


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG017166.D

Acq: 15 May 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB83314BL

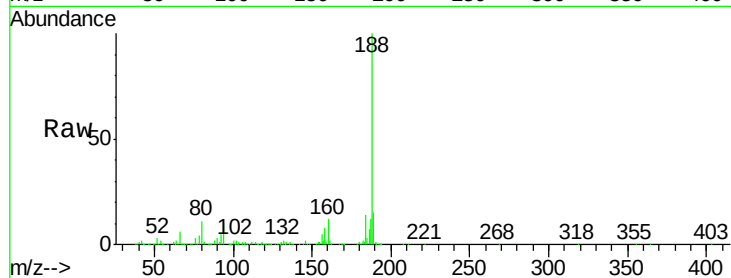
Tgt Ion:188 Resp: 277194

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.6#

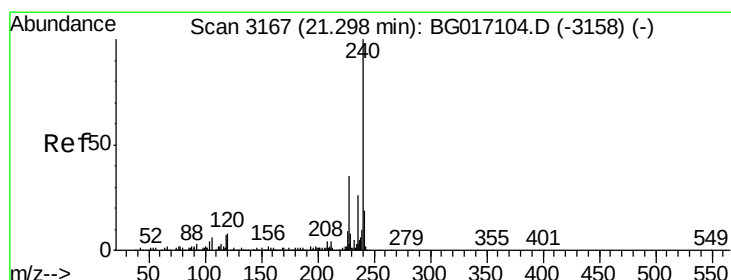
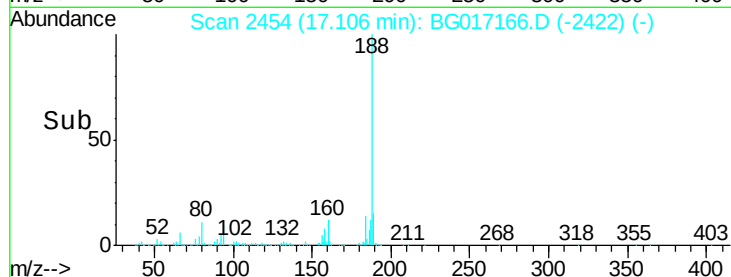
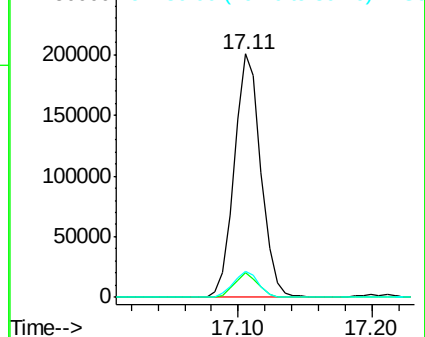
80 10.7 6.5 9.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017166.D

Acq: 15 May 2015 7:50

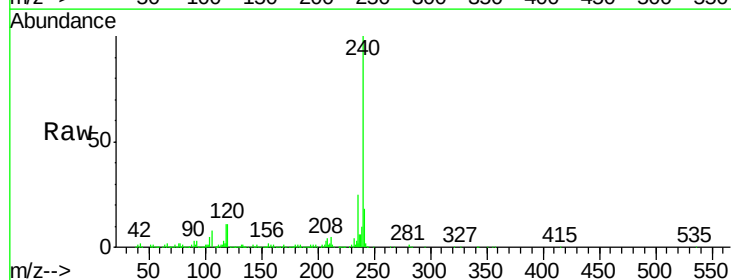
Tgt Ion:240 Resp: 304239

Ion Ratio Lower Upper

240 100

120 10.8 6.0 9.0#

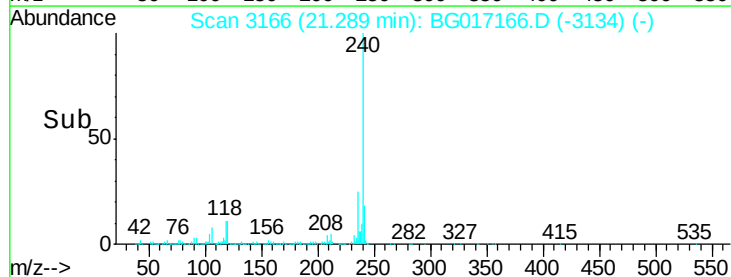
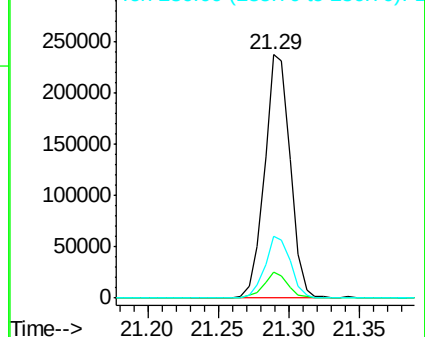
236 25.5 20.5 30.7

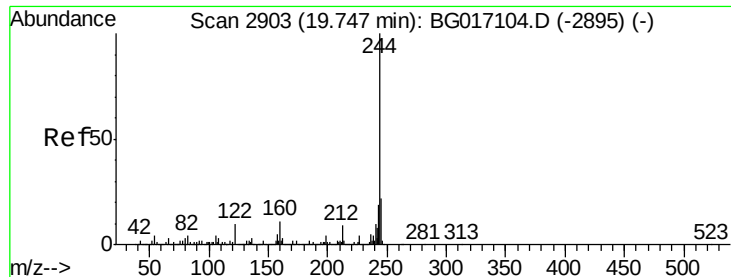


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.89 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017166.D

Acq: 15 May 2015 7:50

Instrument :

BNA_G

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PB83314BL

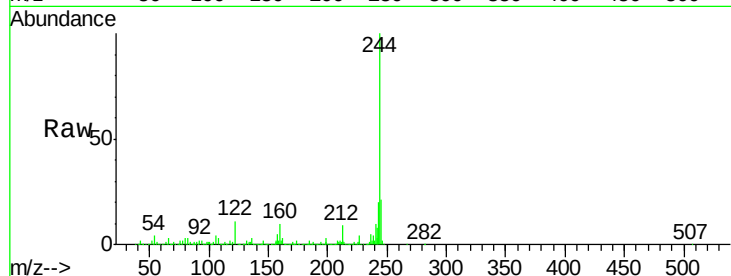
Tgt Ion:244 Resp: 1195508

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

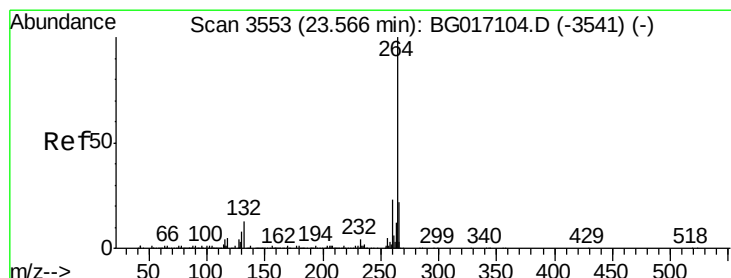
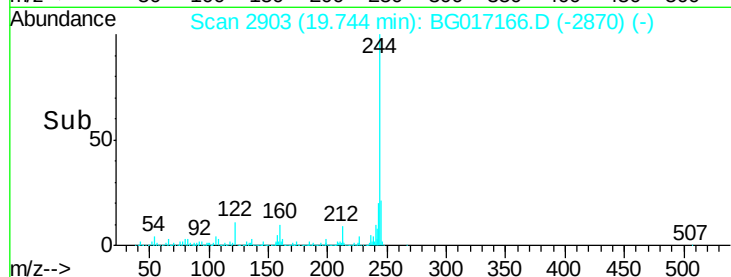
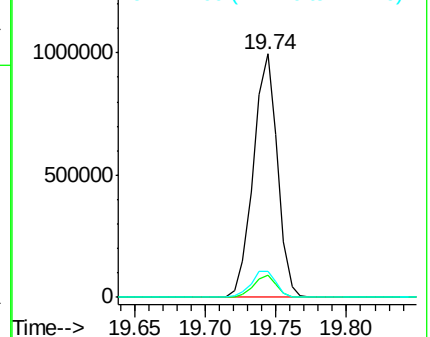
122 10.9 8.4 12.6



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: BG017166.D

Acq: 15 May 2015 7:50

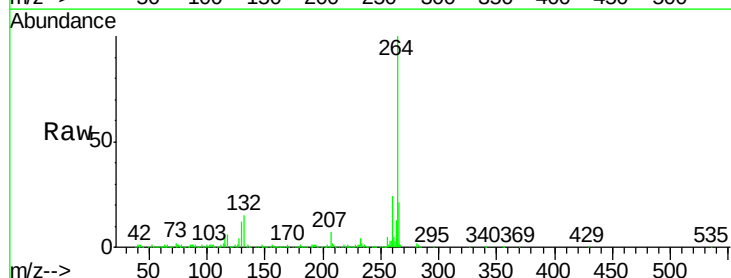
Tgt Ion:264 Resp: 294184

Ion Ratio Lower Upper

264 100

260 23.7 18.0 27.0

265 20.6 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

