

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017126.D
 Acq On : 14 May 2015 2:43
 Operator : TP/IZ
 Sample : G2195-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-05072015

Quant Time: May 14 04:32:42 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 03:58:31 2015
 Response via : Initial Calibration

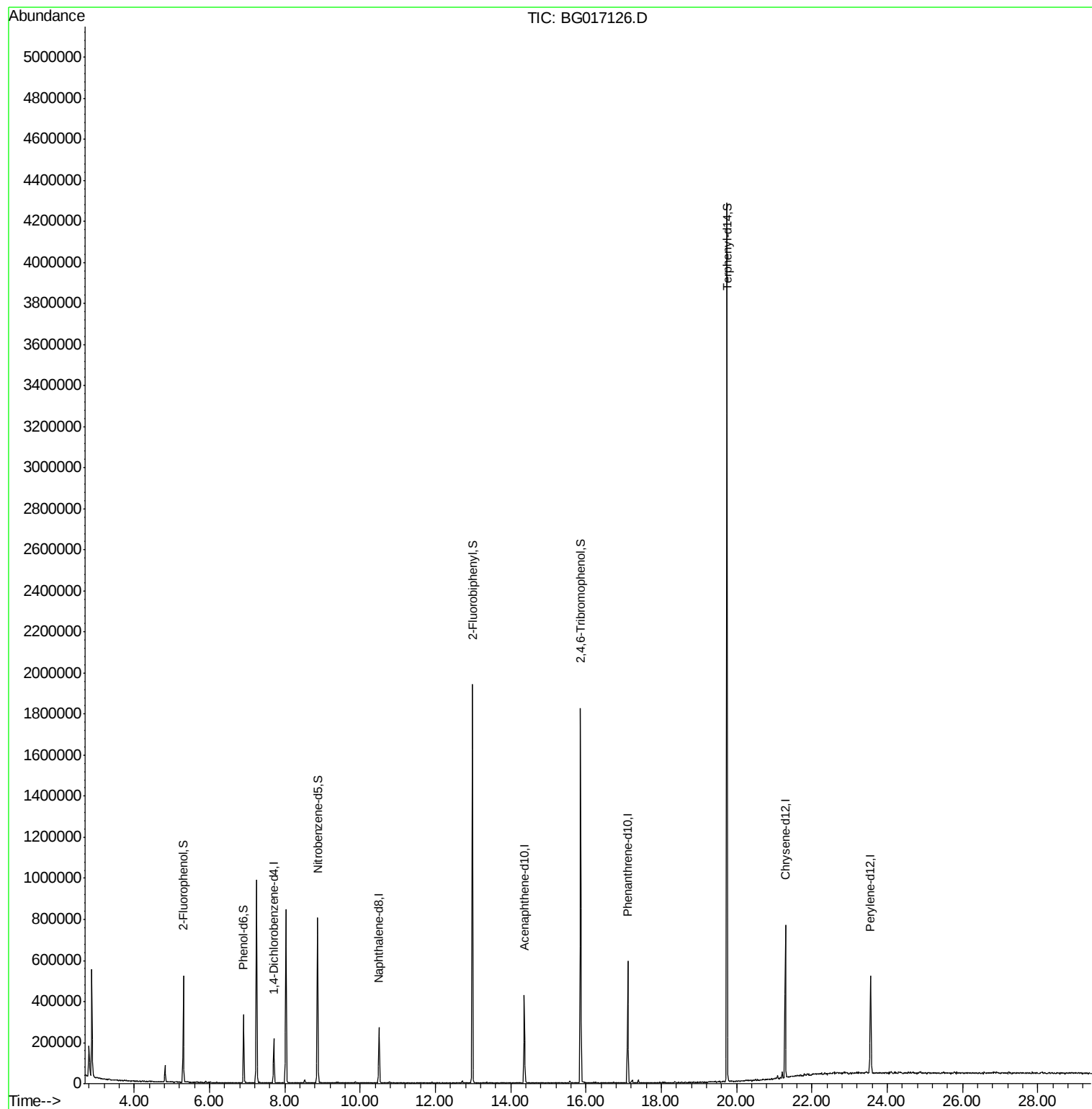
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	47298	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	194907	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	128639	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	310685	20.00	ng	0.00
75) Chrysene-d12	21.30	240	324034	20.00	ng	0.00
86) Perylene-d12	23.56	264	317616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	178952	67.13	ng	0.00
7) Phenol-d6	6.91	99	145802	38.97	ng	0.00
23) Nitrobenzene-d5	8.87	82	403596	96.68	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	248583	159.86	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	848877	96.83	ng	0.00
78) Terphenyl-d14	19.75	244	1540871	99.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	66	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: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

Instrument :

BNA_G

ClientSampleId :

FB-05072015

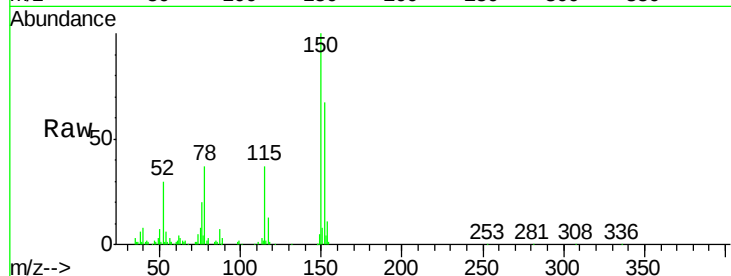
Tgt Ion:152 Resp: 47298

Ion Ratio Lower Upper

152 100

150 150.2 120.8 181.2

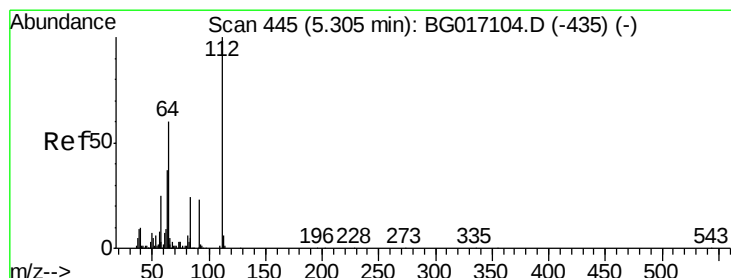
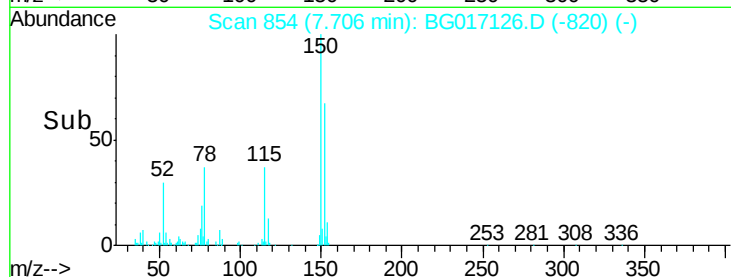
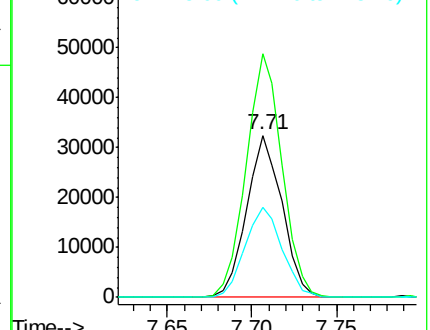
115 55.7 49.4 74.2



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: 67.13 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

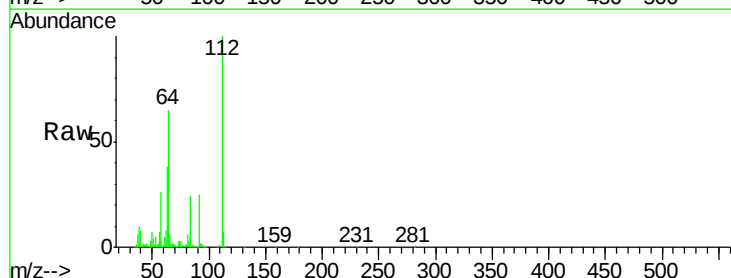
Tgt Ion:112 Resp: 178952

Ion Ratio Lower Upper

112 100

64 64.5 48.1 72.1

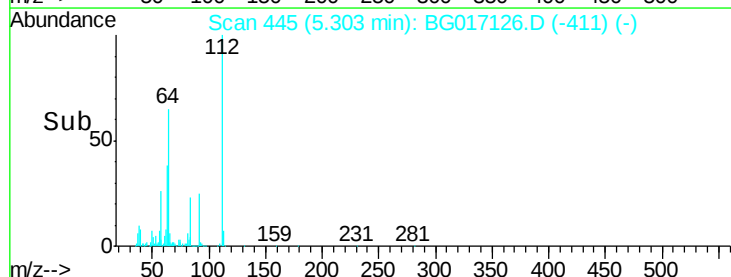
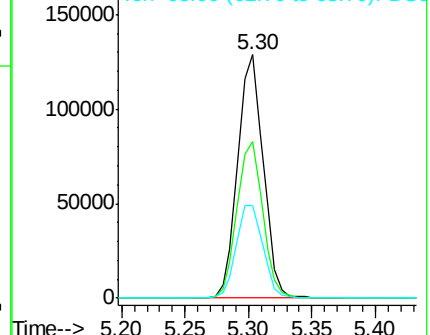
63 38.0 29.8 44.8

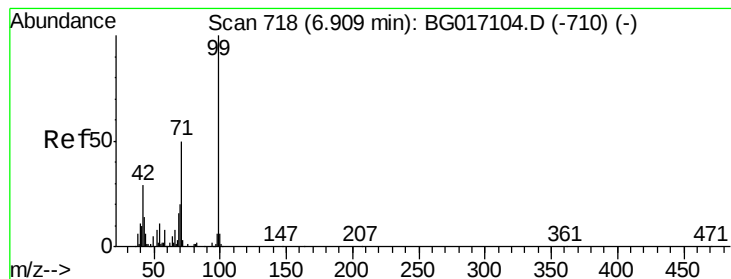


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.97 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

Instrument :

BNA_G

ClientSampleId :

FB-05072015

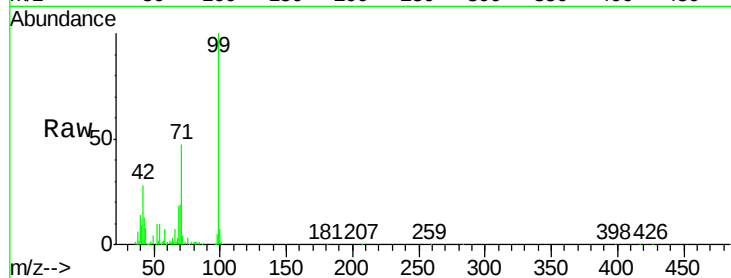
Tgt Ion: 99 Resp: 145802

Ion Ratio Lower Upper

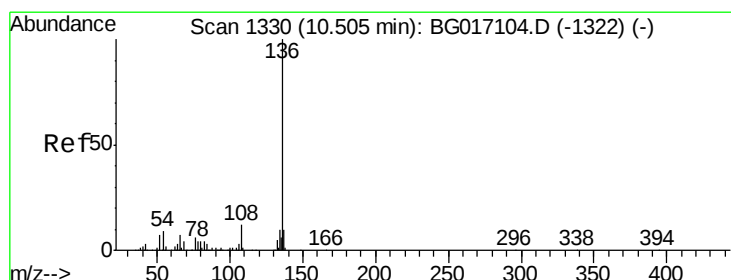
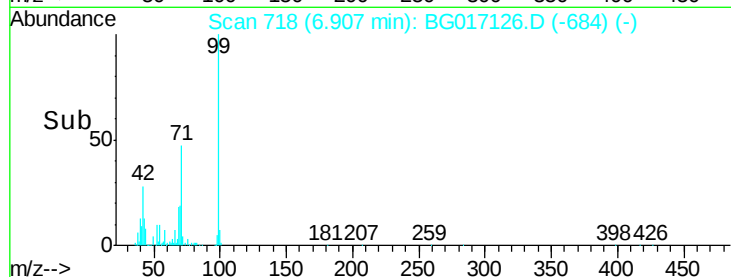
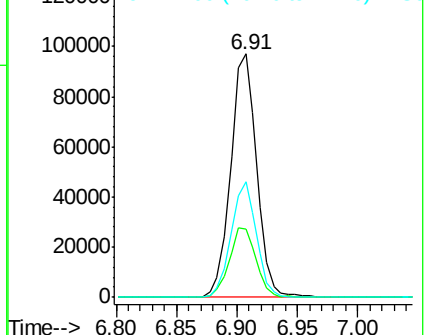
99 100

42 28.0 23.5 35.3

71 47.4 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: BG017126.D

Acq: 14 May 2015 2:43

Tgt Ion: 136 Resp: 194907

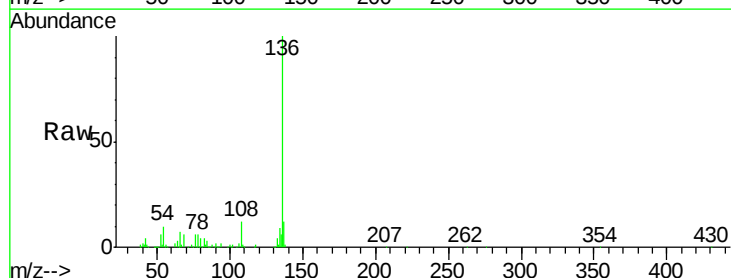
Ion Ratio Lower Upper

136 100

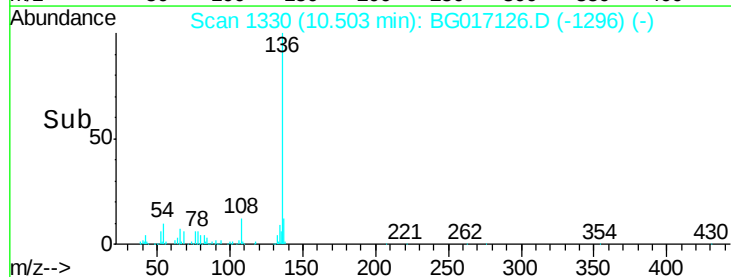
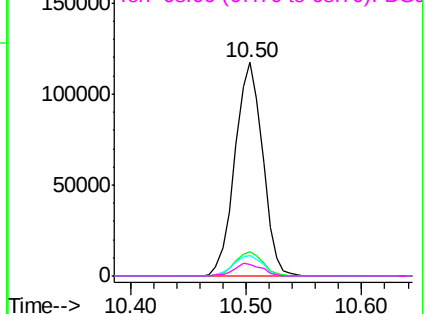
137 11.6 8.3 12.5

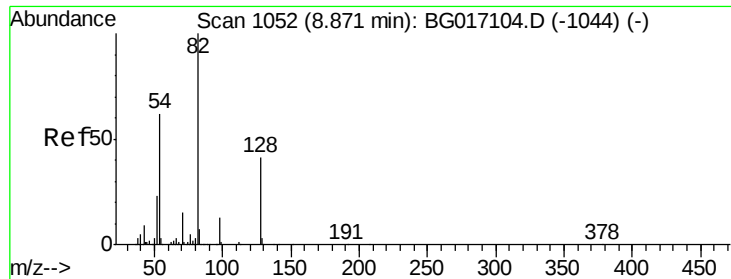
54 9.8 7.4 11.2

68 5.5 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

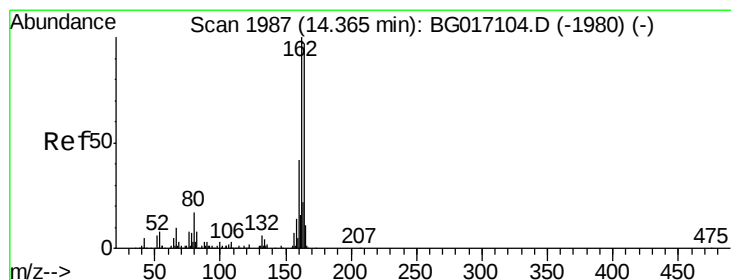
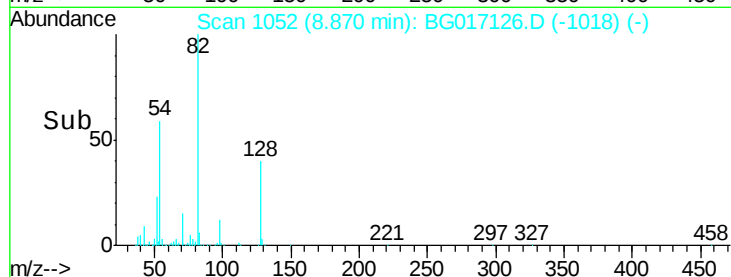
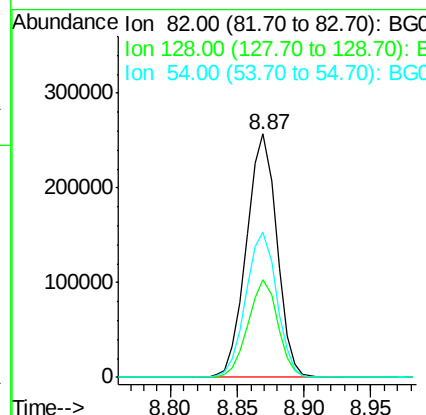
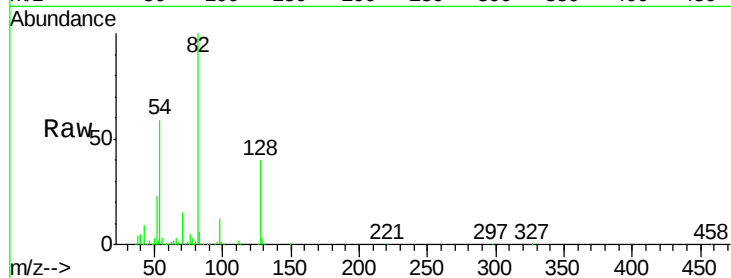




#23
 Nitrobenzene-d5
 Concen: 96.68 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017126.D
 Acq: 14 May 2015 2:43

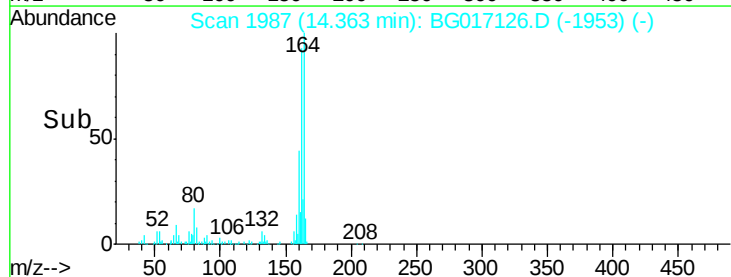
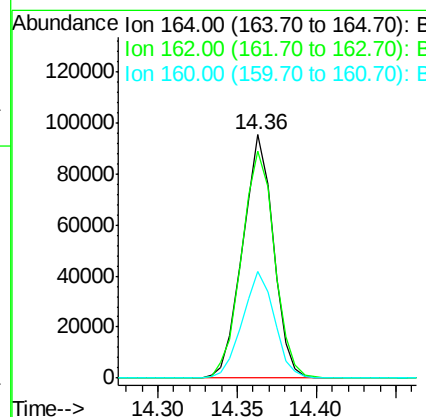
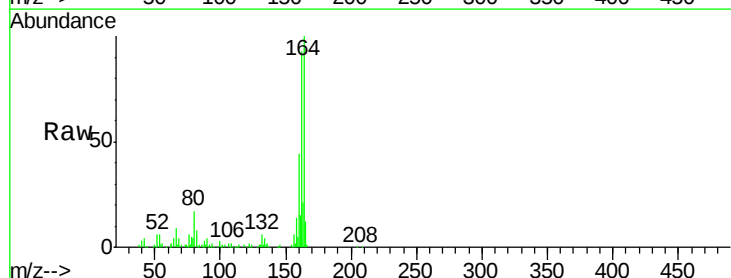
Instrument :
 BNA_G
 ClientSampleId :
 FB-05072015

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	49.0
54	59.3	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: BG017126.D
 Acq: 14 May 2015 2:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.5	82.1	123.1
160	43.9	34.8	52.2

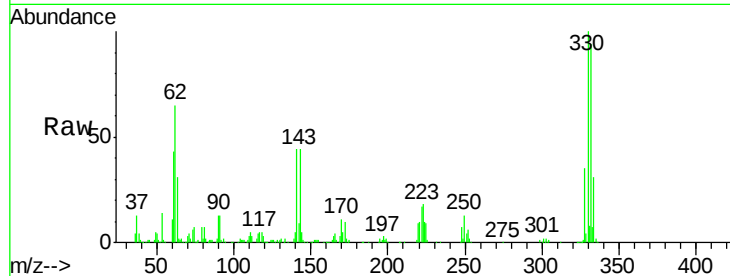




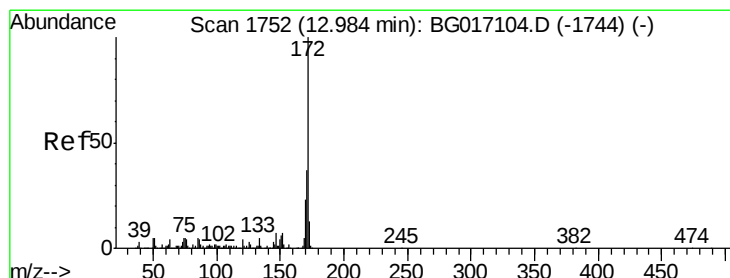
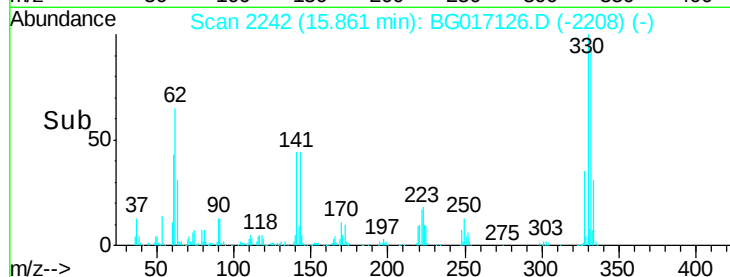
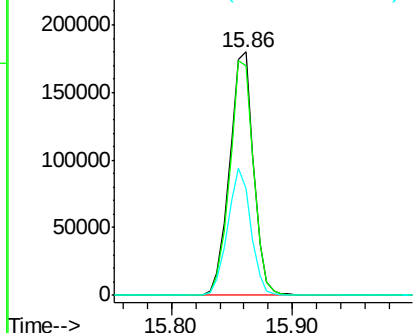
#41
2,4,6-Tribromophenol
Concen: 159.86 ng
RT: 15.86 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BG017126.D
Acq: 14 May 2015 2:43

Instrument :
BNA_G
ClientSampleId :
FB-05072015

Tgt Ion:330 Resp: 248583
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 50.5 42.2 63.2

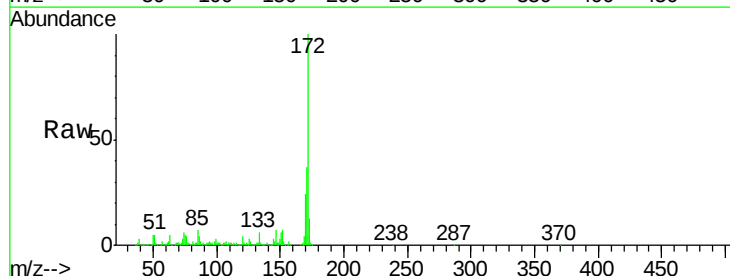


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

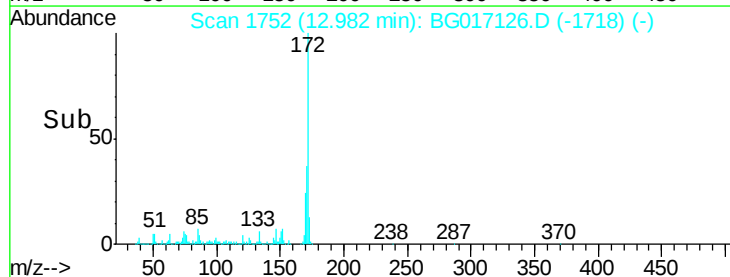
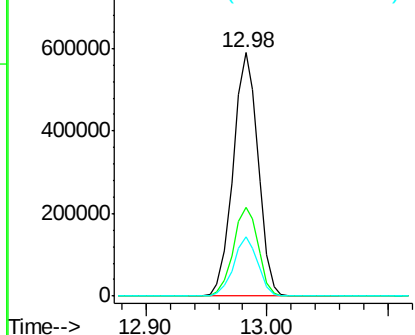


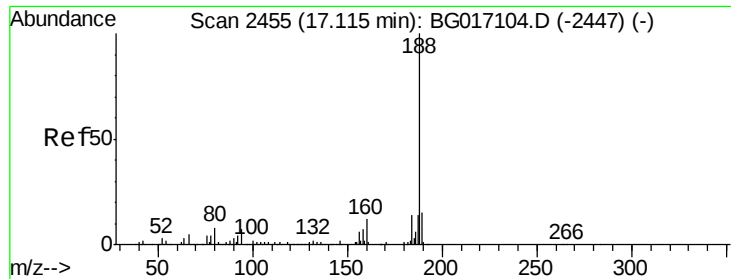
#44
2-Fluorobiphenyl
Concen: 96.83 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017126.D
Acq: 14 May 2015 2:43

Tgt Ion:172 Resp: 848877
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.5 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# 2455

Delta R.T. -0.00 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

Instrument :

BNA_G

ClientSampleId :

FB-05072015

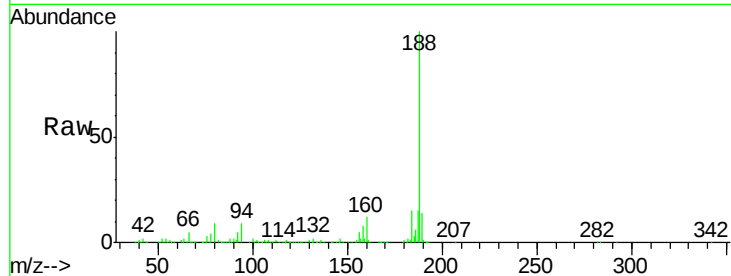
Tgt Ion:188 Resp: 310685

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

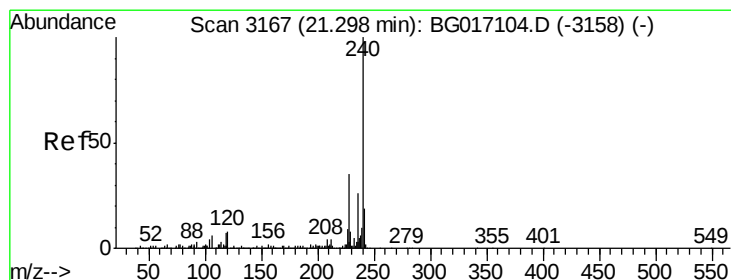
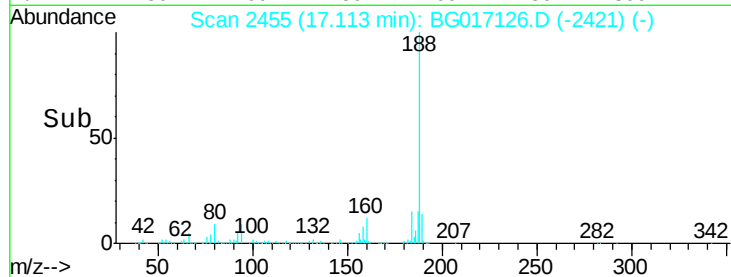
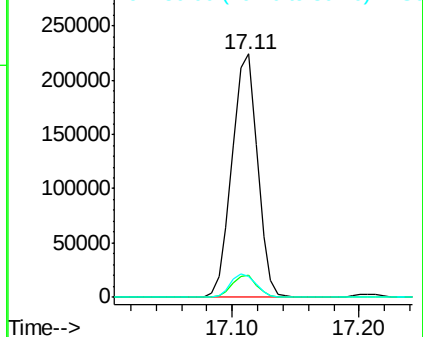
80 8.6 6.5 9.7



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

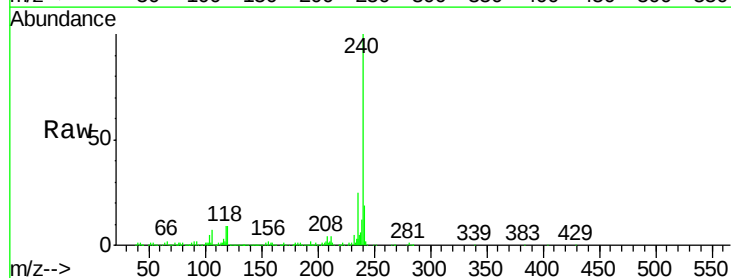
Tgt Ion:240 Resp: 324034

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0#

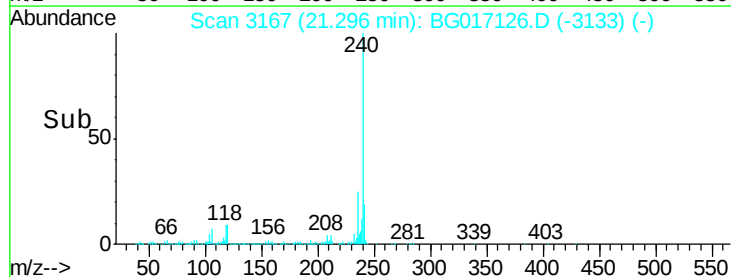
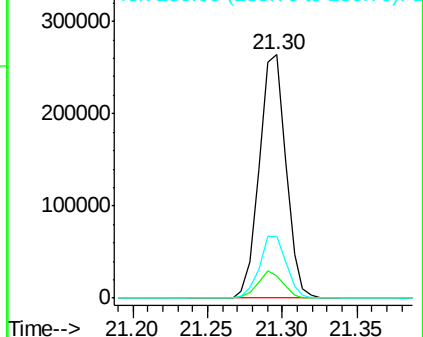
236 25.2 20.5 30.7

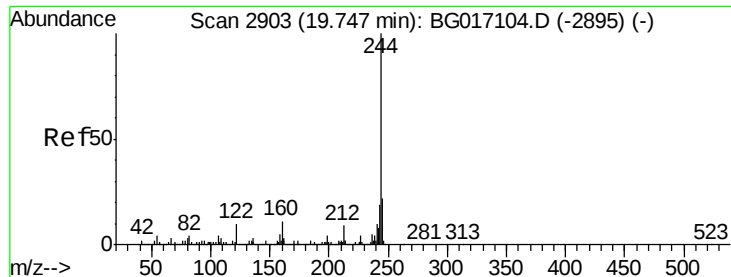


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.10 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

Instrument :

BNA_G

ClientSampleId :

FB-05072015

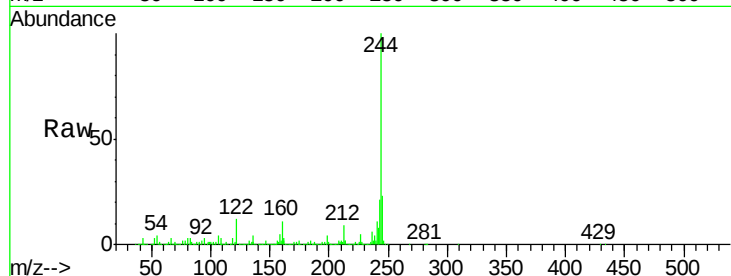
Tgt Ion:244 Resp: 1540871

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

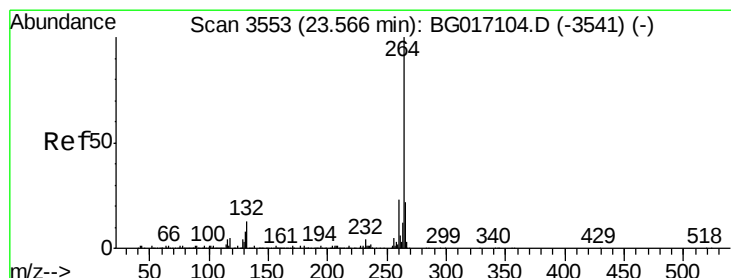
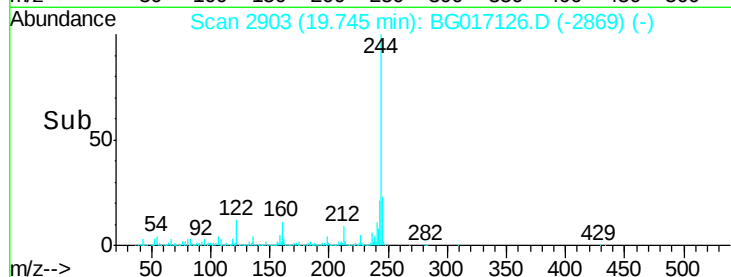
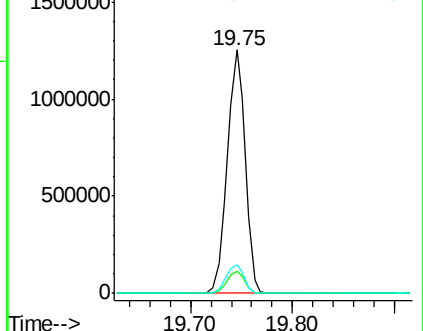
122 12.0 8.4 12.6



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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017126.D

Acq: 14 May 2015 2:43

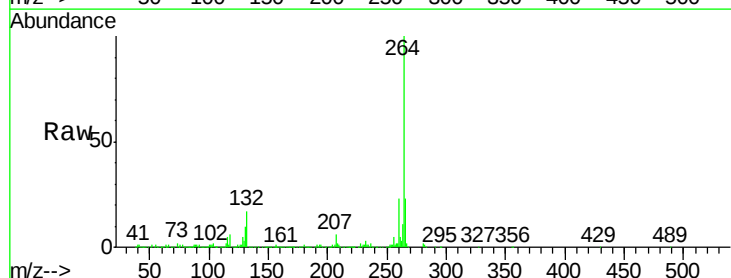
Tgt Ion:264 Resp: 317616

Ion Ratio Lower Upper

264 100

260 23.0 18.0 27.0

265 22.7 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

