

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017111.D
 Acq On : 13 May 2015 17:28
 Operator : TP/IZ
 Sample : G2194-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

Quant Time: May 14 03:26:01 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	7.71	152	44722	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	197976	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	131804	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	304917	20.00	ng	0.00
75) Chrysene-d12	21.30	240	305952	20.00	ng	0.00
86) Perylene-d12	23.56	264	297500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	189476	75.17	ng	0.00
7) Phenol-d6	6.91	99	160471	45.36	ng	0.00
23) Nitrobenzene-d5	8.87	82	397252	93.68	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	257950	161.90	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	851925	94.84	ng	0.00
78) Terphenyl-d14	19.74	244	1415527	96.42	ng	0.00

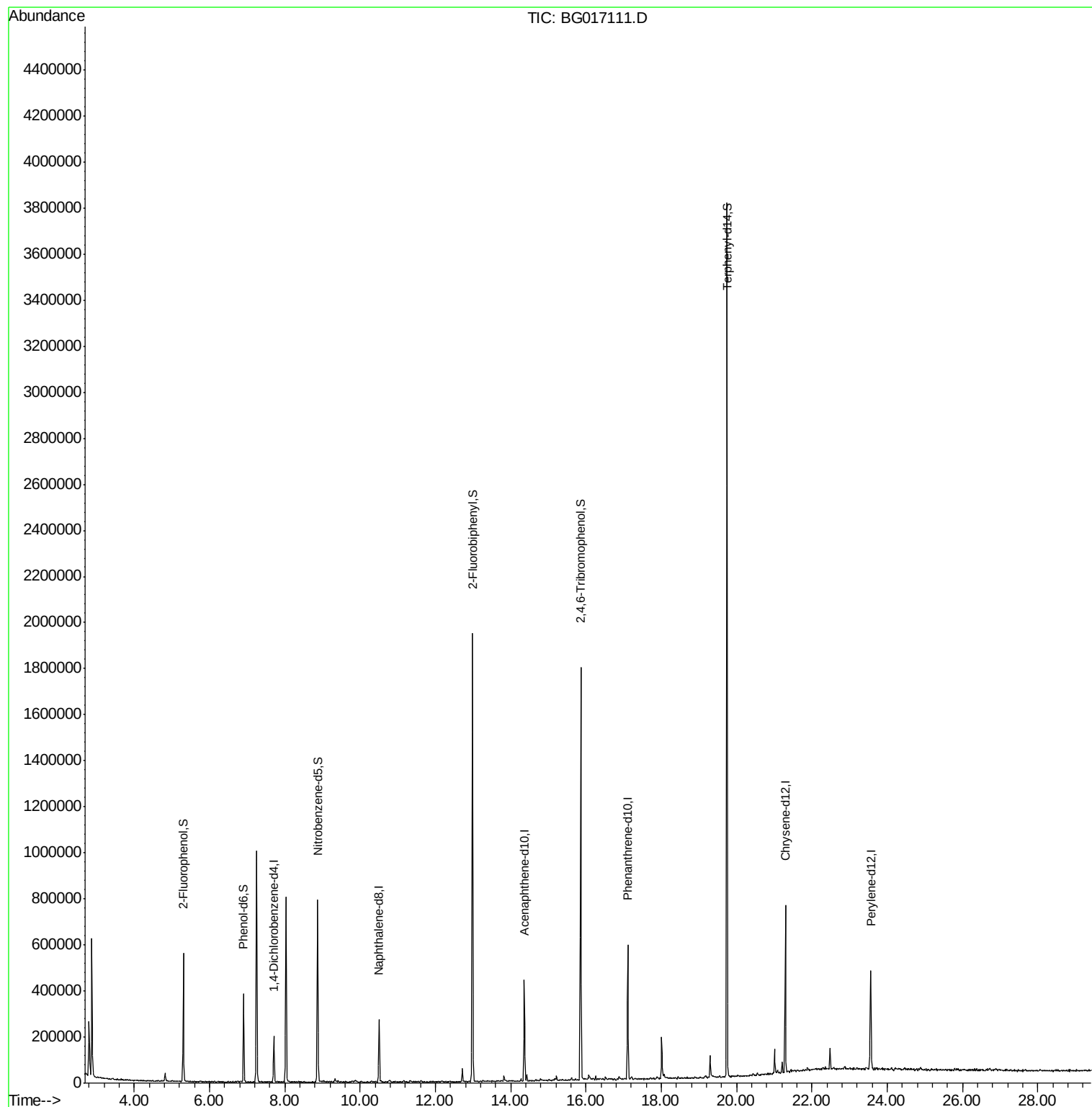
Target Compounds	Qvalue
------------------	--------

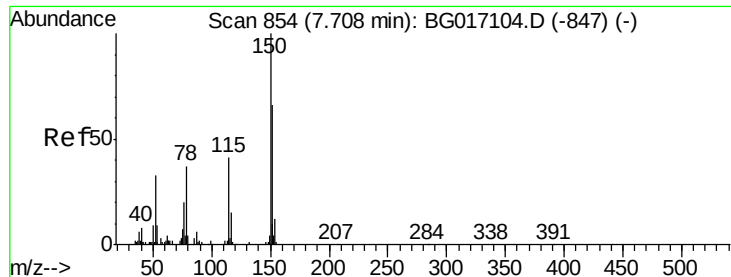
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017111.D
Acq On : 13 May 2015 17:28
Operator : TP/IZ
Sample : G2194-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

Quant Time: May 14 03:26:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

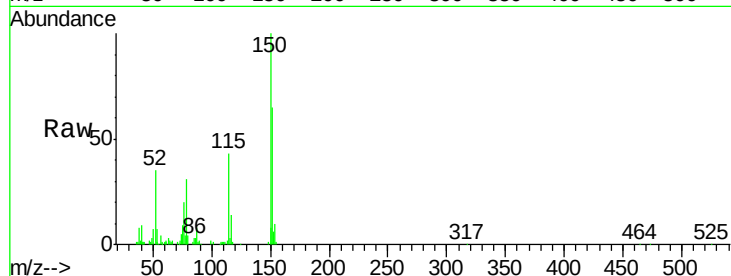
Tgt Ion:152 Resp: 44722

Ion Ratio Lower Upper

152 100

150 153.2 120.8 181.2

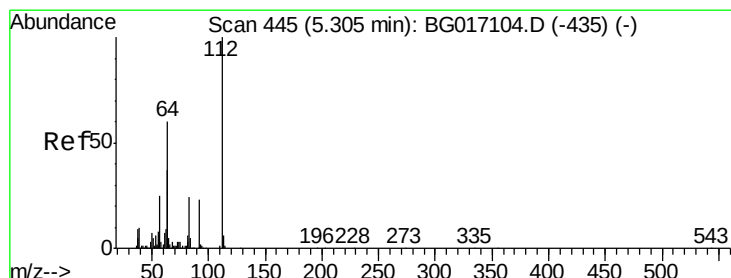
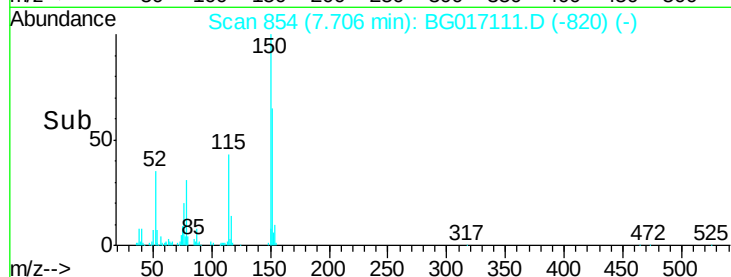
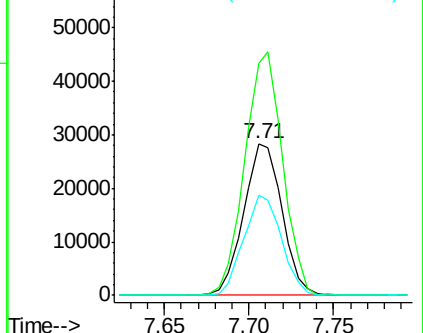
115 66.2 49.4 74.2



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: 75.17 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

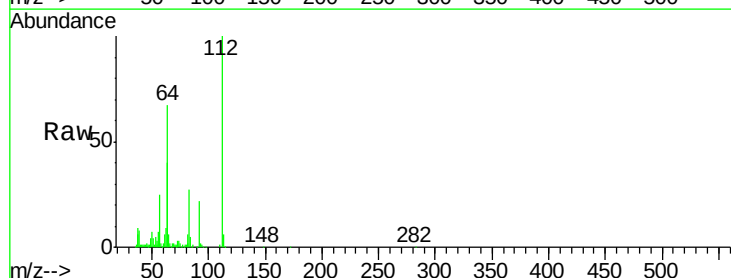
Tgt Ion:112 Resp: 189476

Ion Ratio Lower Upper

112 100

64 66.5 48.1 72.1

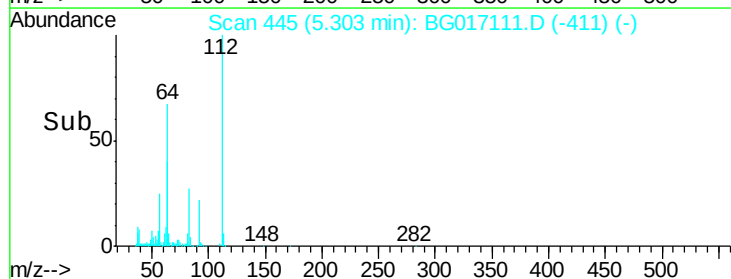
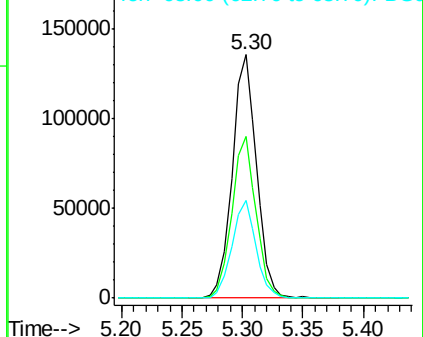
63 39.9 29.8 44.8

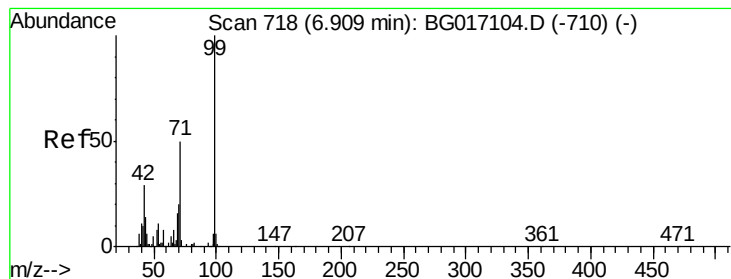


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.36 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

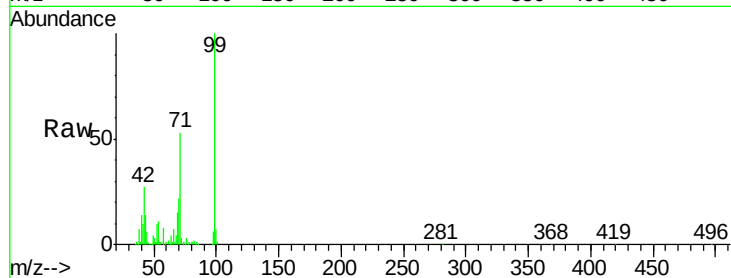
Tgt Ion: 99 Resp: 160471

Ion Ratio Lower Upper

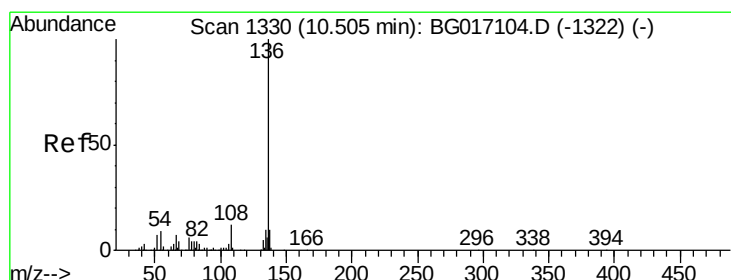
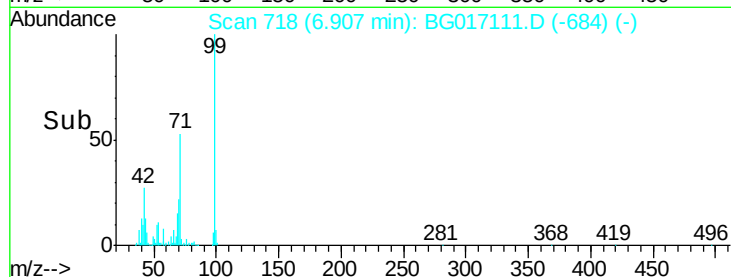
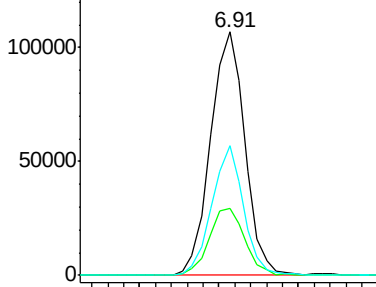
99 100

42 27.4 23.5 35.3

71 53.4 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: BG017111.D

Acq: 13 May 2015 17:28

Tgt Ion: 136 Resp: 197976

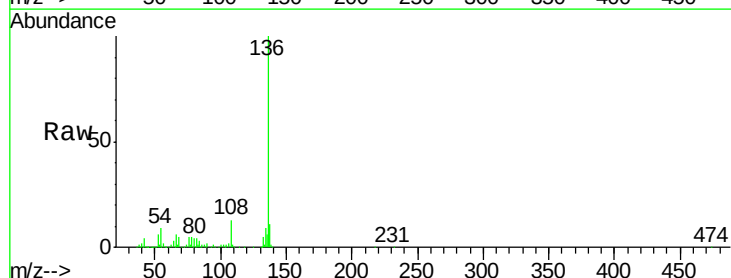
Ion Ratio Lower Upper

136 100

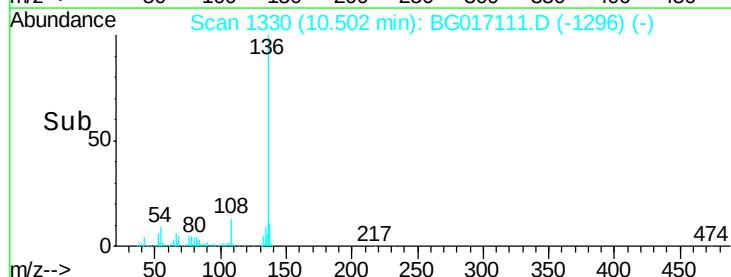
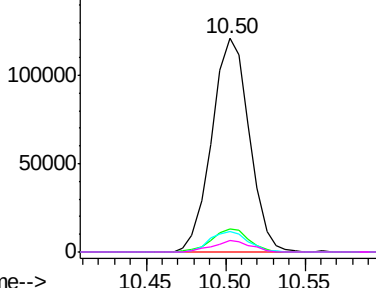
137 10.7 8.3 12.5

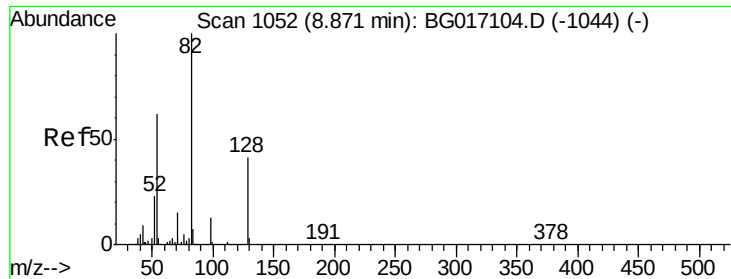
54 9.4 7.4 11.2

68 5.4 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

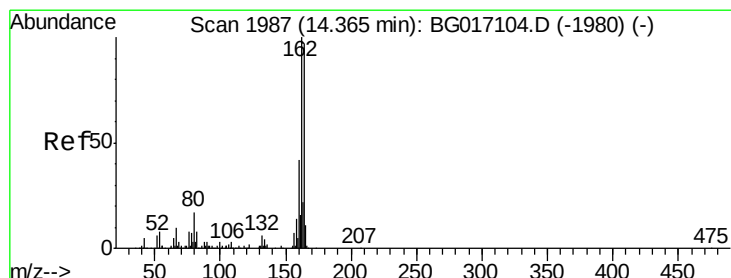
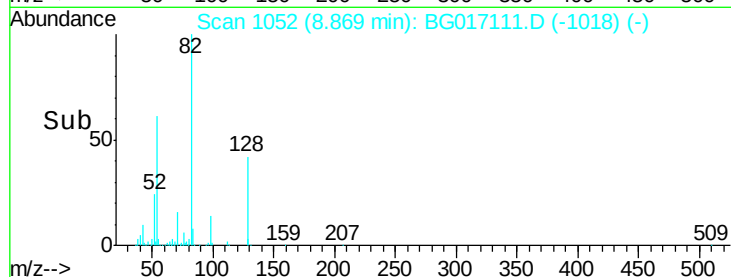
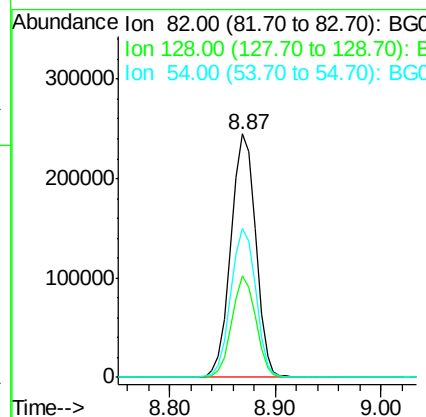
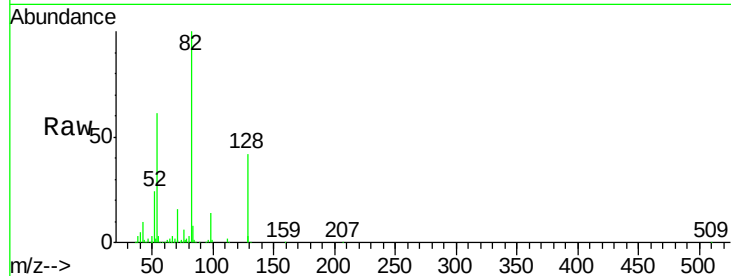




#23
 Nitrobenzene-d5
 Concen: 93.68 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

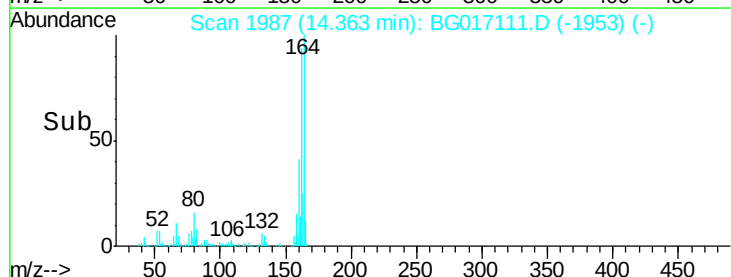
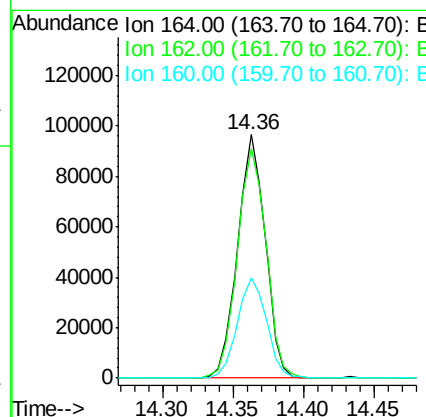
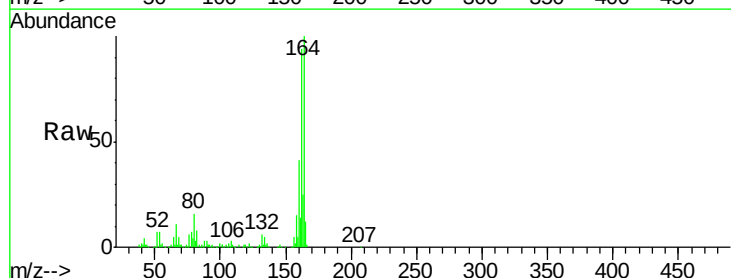
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

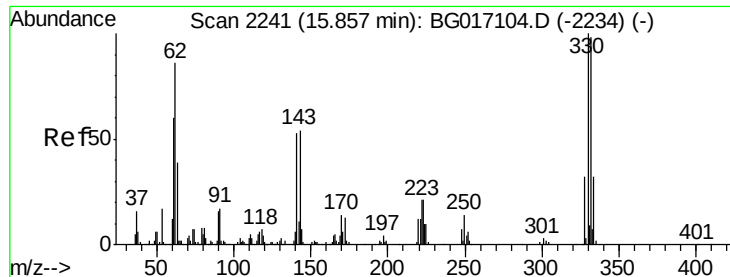
Tgt Ion: 82 Resp: 397252
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.6 49.0
 54 61.4 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion: 164 Resp: 131804
 Ion Ratio Lower Upper
 164 100
 162 94.2 82.1 123.1
 160 41.3 34.8 52.2

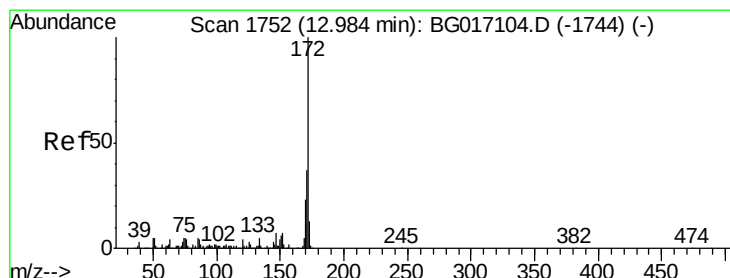
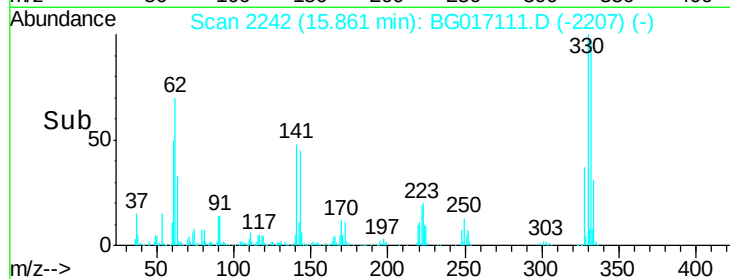
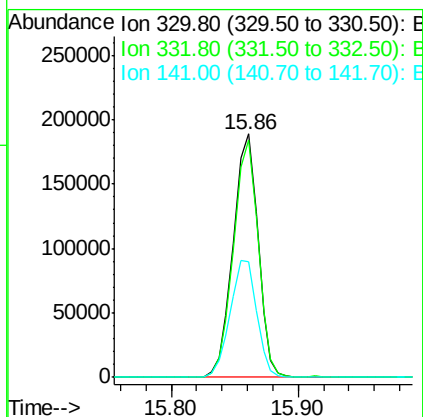
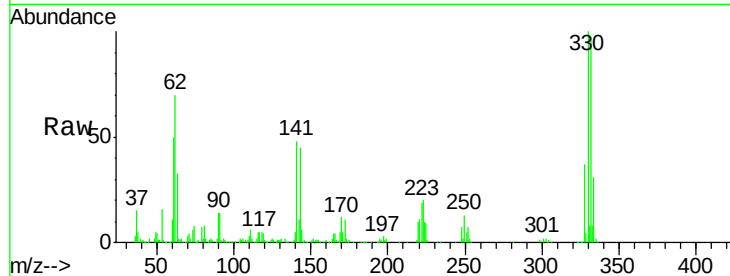




#41
 2,4,6-Tribromophenol
 Concen: 161.90 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

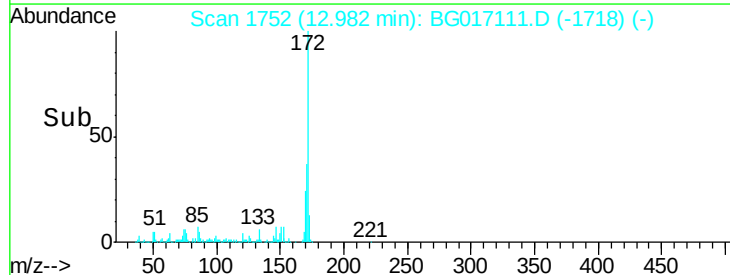
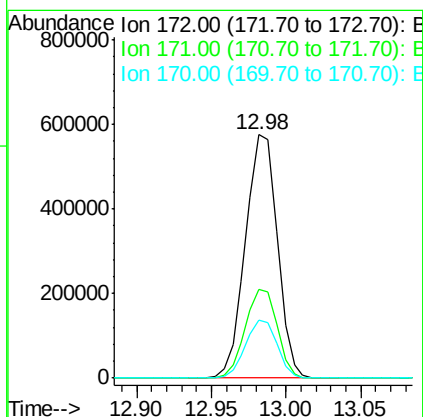
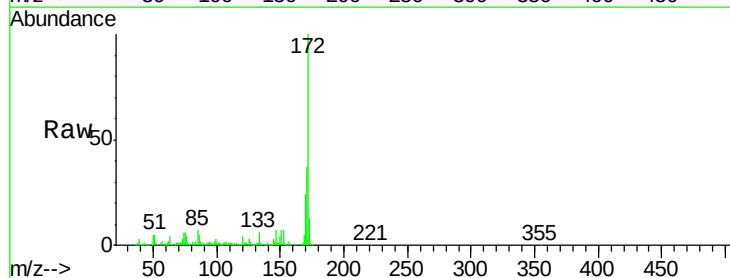
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

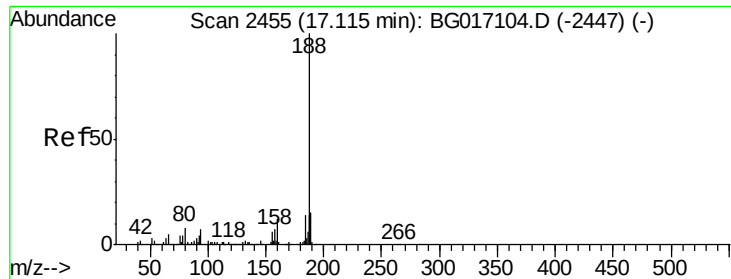
Tgt Ion:330 Resp: 257950
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 50.8 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 94.84 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion:172 Resp: 851925
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.7 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: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

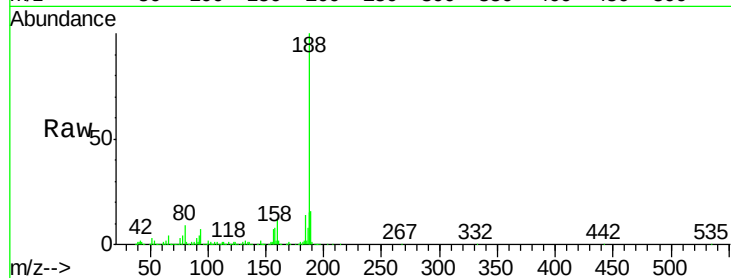
Tgt Ion:188 Resp: 304917

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

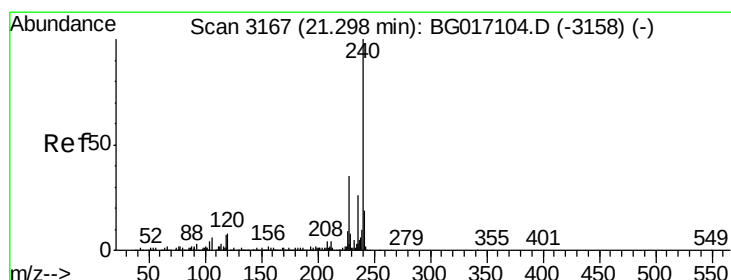
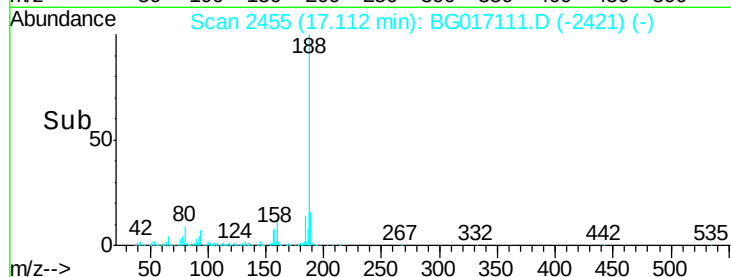
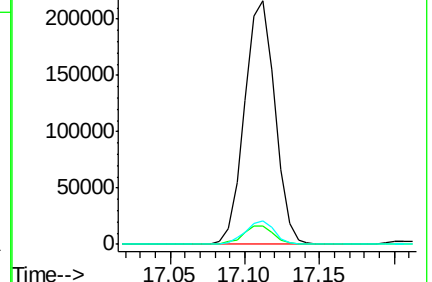
80 9.4 6.5 9.7



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: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

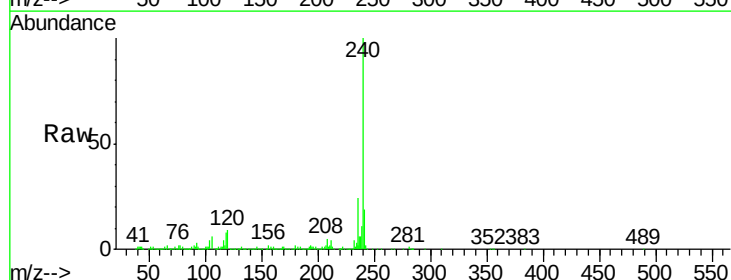
Tgt Ion:240 Resp: 305952

Ion Ratio Lower Upper

240 100

120 9.4 6.0 9.0#

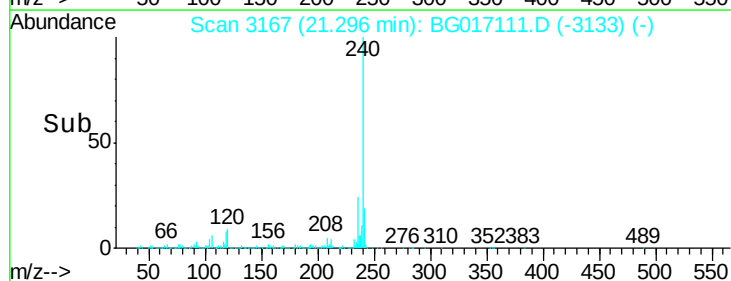
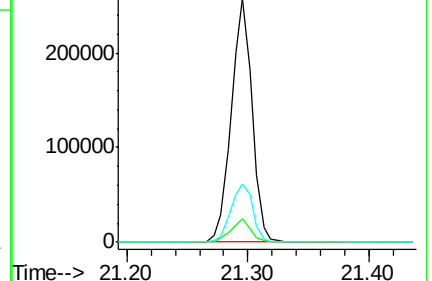
236 24.0 20.5 30.7

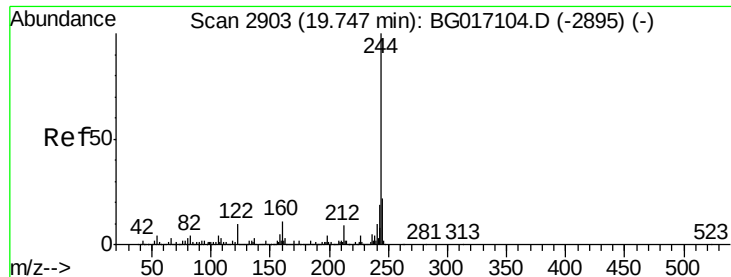


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.42 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampled :

TU021-TW-02

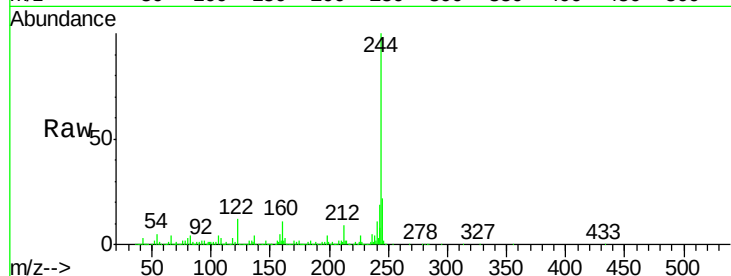
Tgt Ion:244 Resp: 1415527

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

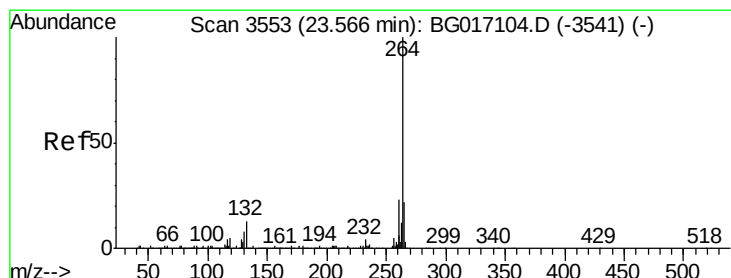
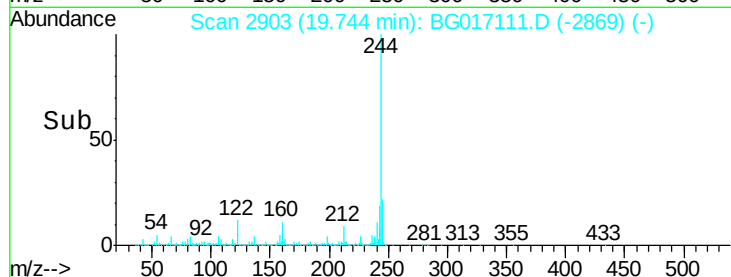
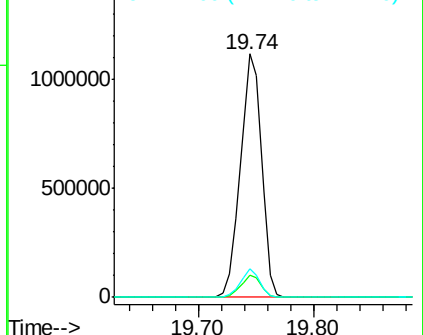
122 11.6 8.4 12.6



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# 3553

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

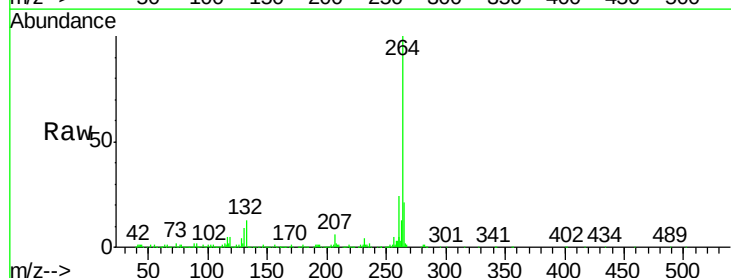
Tgt Ion:264 Resp: 297500

Ion Ratio Lower Upper

264 100

260 23.7 18.0 27.0

265 20.7 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

