

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017090.D
 Acq On : 12 May 2015 19:26
 Operator : TP/IZ
 Sample : G2195-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-04

Quant Time: May 13 03:42:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 03:27:55 2015
 Response via : Initial Calibration

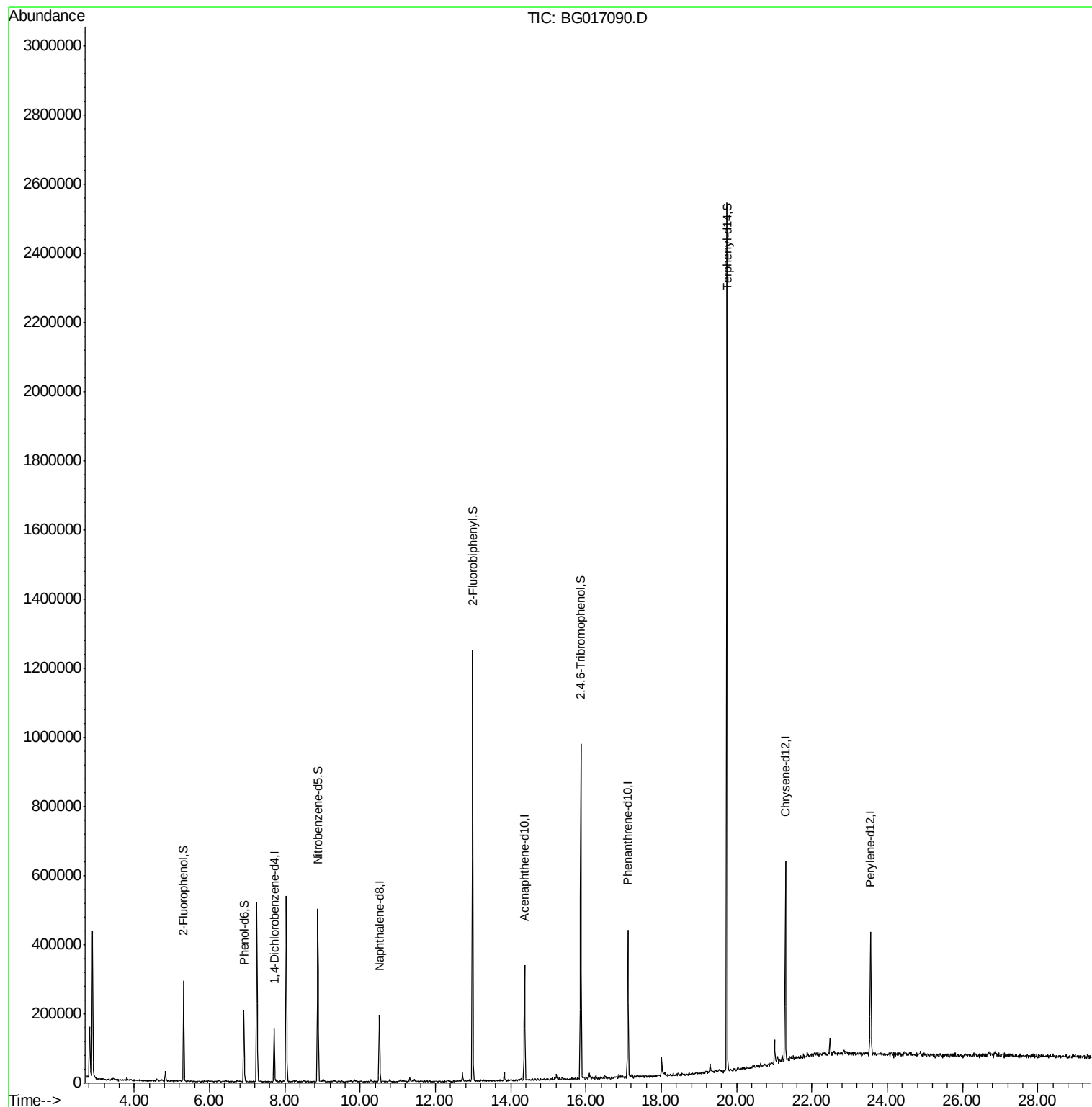
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	31272	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	137903	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	97390	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	223382	20.00	ng	0.00
75) Chrysene-d12	21.30	240	241878	20.00	ng	0.00
86) Perylene-d12	23.56	264	243623	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	99439	55.37	ng	0.00
7) Phenol-d6	6.91	99	83928	32.71	ng	0.00
23) Nitrobenzene-d5	8.87	82	238840	84.61	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	128920	131.86	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	535620	82.99	ng	0.00
78) Terphenyl-d14	19.74	244	931779	90.31	ng	0.00
Target Compounds						
32) Benzoic acid	9.83	122	77	Below Cal	Qvalue #	29

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG017090.D

Acq: 12 May 2015 19:26

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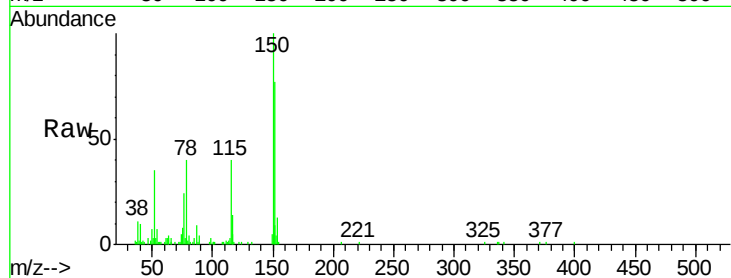
Tgt Ion:152 Resp: 31272

Ion Ratio Lower Upper

152 100

150 129.4 121.0 181.4

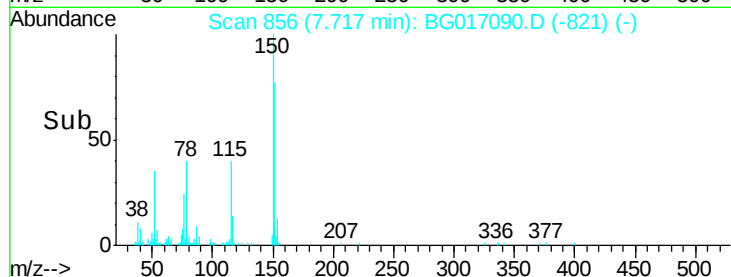
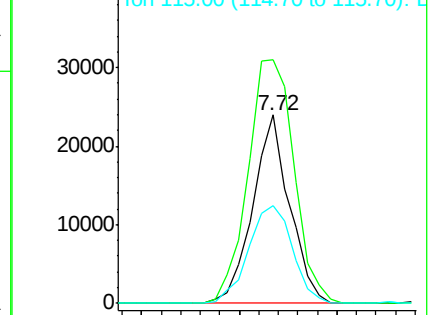
115 52.2 50.5 75.7



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: 55.37 ng

RT: 5.31 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG017090.D

Acq: 12 May 2015 19:26

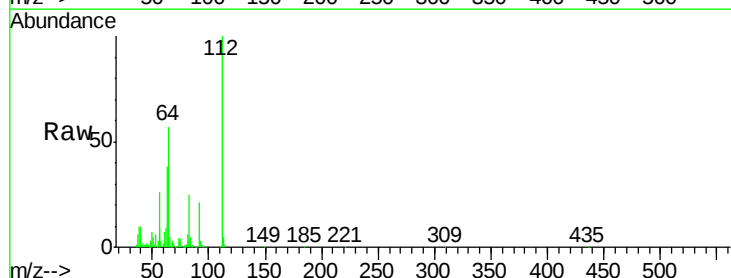
Tgt Ion:112 Resp: 99439

Ion Ratio Lower Upper

112 100

64 56.9 51.4 77.2

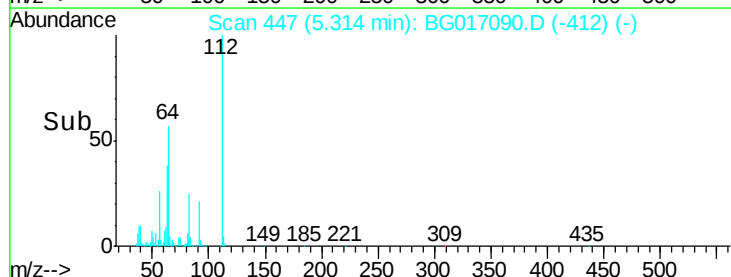
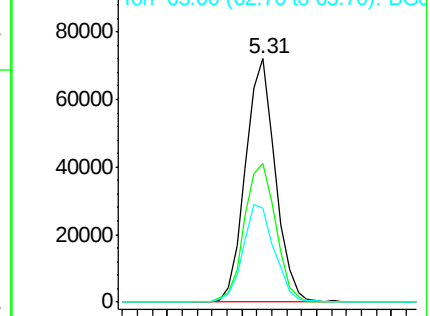
63 38.3 28.1 42.1

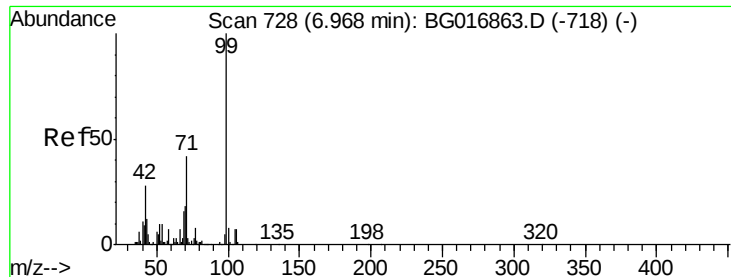


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.71 ng

RT: 6.91 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG017090.D

Acq: 12 May 2015 19:26

Instrument :

BNA_G

ClientSampleId :

TU012-TW-04

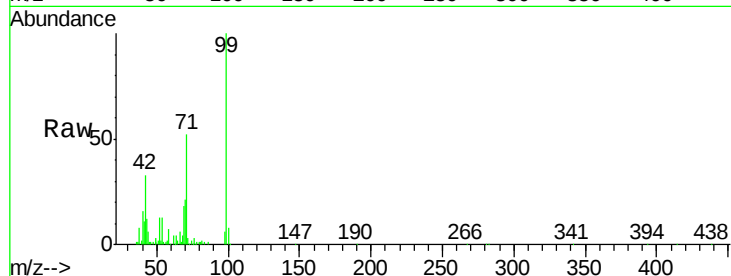
Tgt Ion: 99 Resp: 83928

Ion Ratio Lower Upper

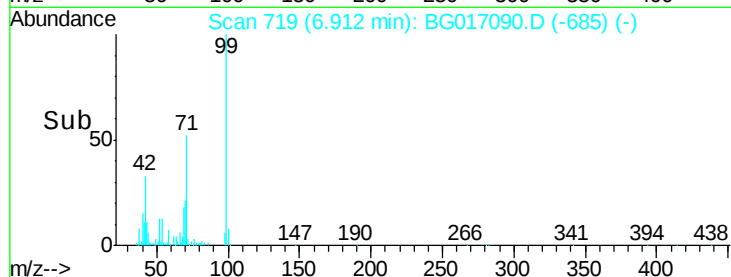
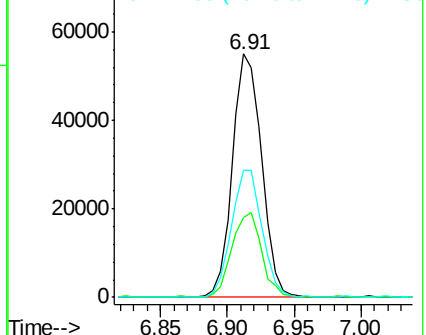
99 100

42 32.9 22.1 33.1

71 52.4 33.4 50.0#



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: 10.51 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG017090.D

Acq: 12 May 2015 19:26

Tgt Ion: 136 Resp: 137903

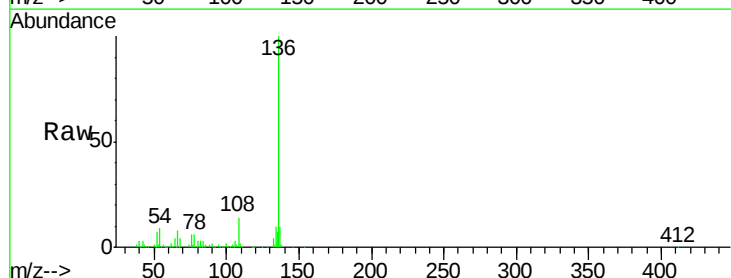
Ion Ratio Lower Upper

136 100

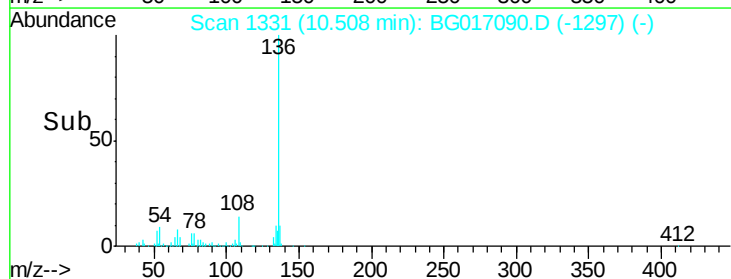
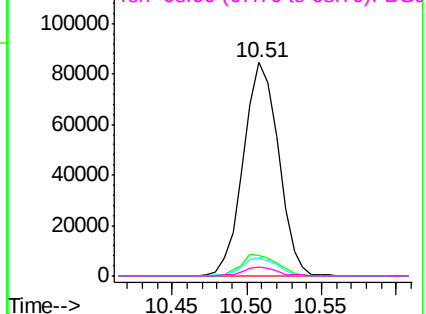
137 9.7 9.8 14.8#

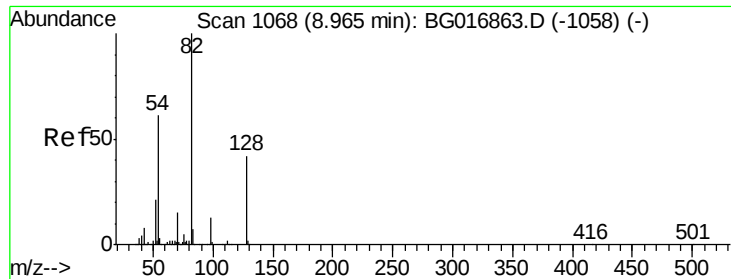
54 8.6 8.7 13.1#

68 4.1 5.0 7.4#



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

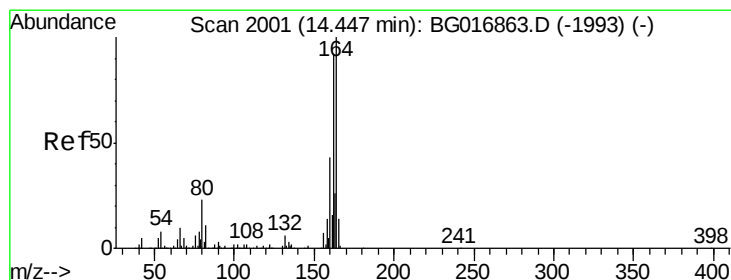
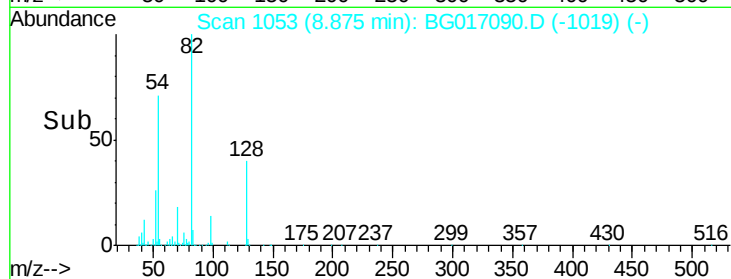
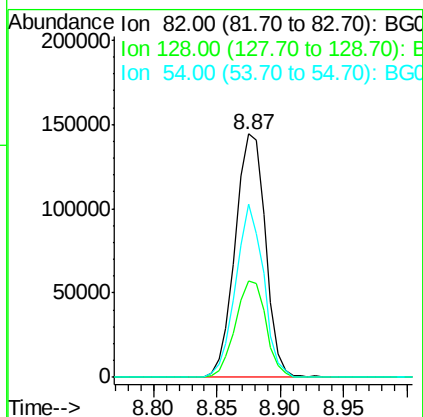
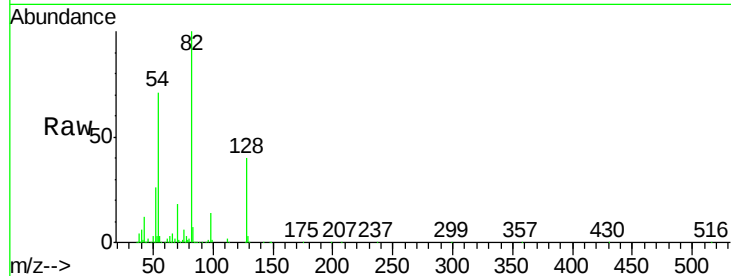




#23
 Nitrobenzene-d5
 Concen: 84.61 ng
 RT: 8.87 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG017090.D
 Acq: 12 May 2015 19:26

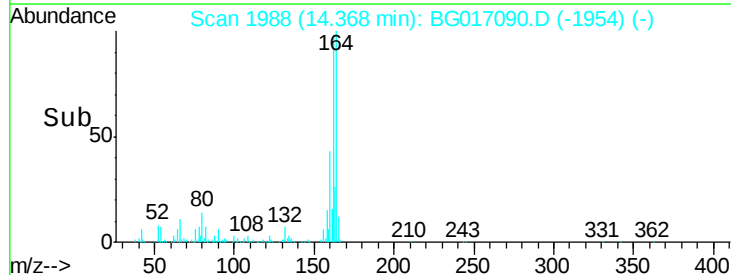
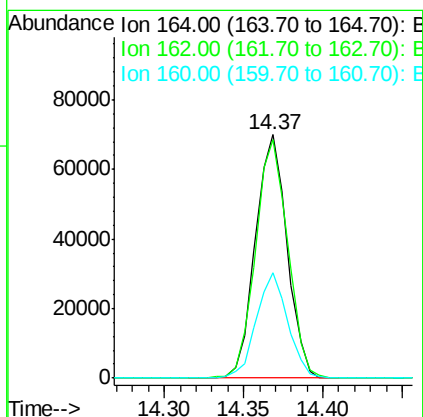
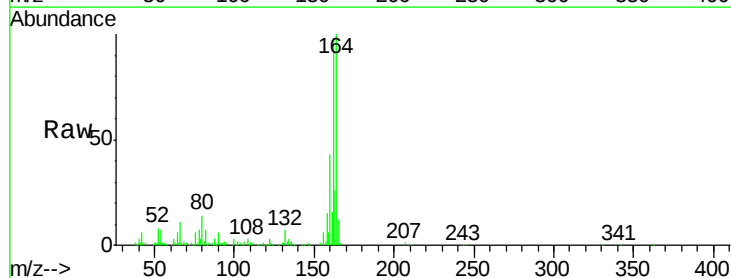
Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-04

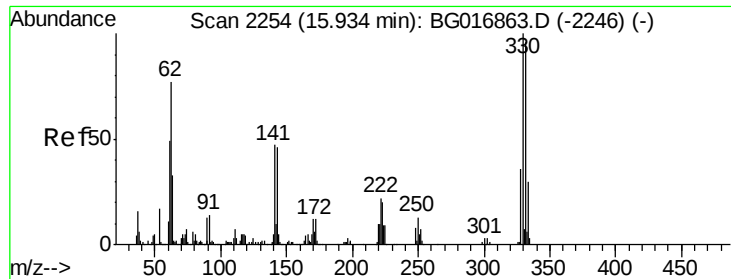
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.2	49.8
54	71.0	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG017090.D
 Acq: 12 May 2015 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	74.0	111.0
160	43.4	34.7	52.1

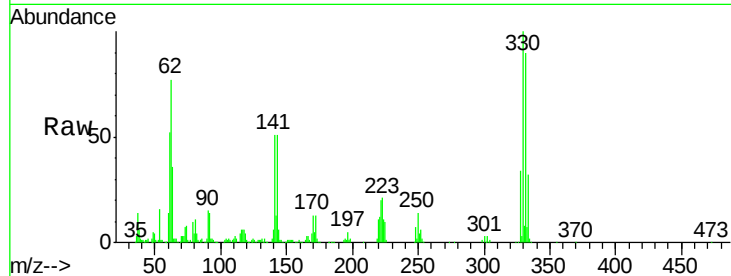




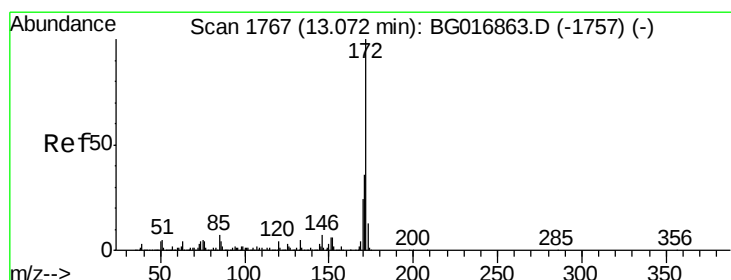
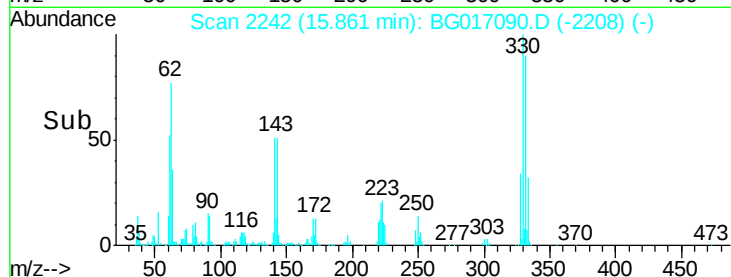
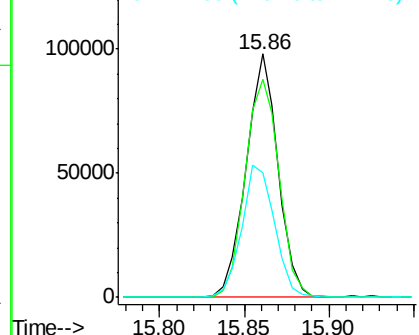
#41
 2,4,6-Tribromophenol
 Concen: 131.86 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017090.D
 Acq: 12 May 2015 19:26

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-04

Tgt Ion:330 Resp: 128920
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 55.7 0.0 0.0#

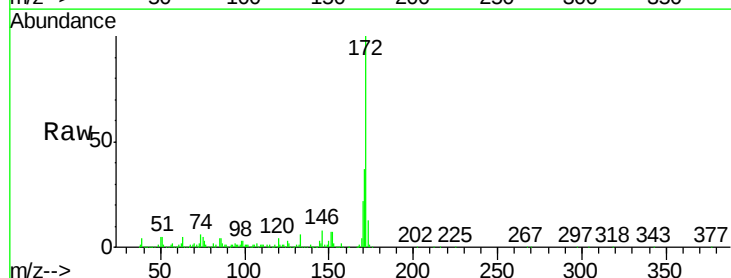


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

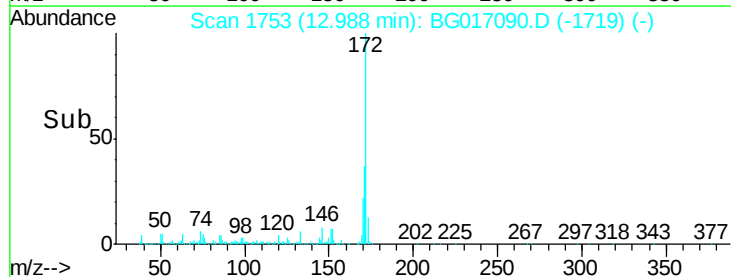
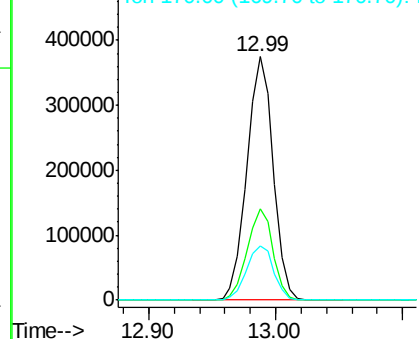


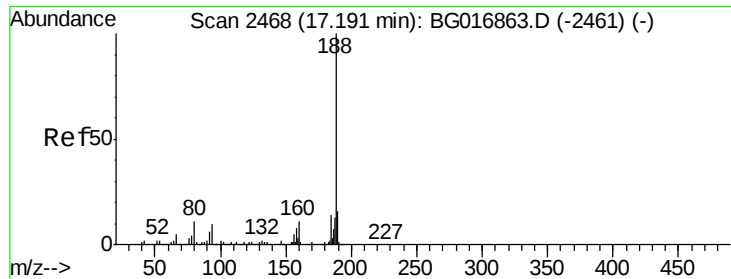
#44
 2-Fluorobiphenyl
 Concen: 82.99 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017090.D
 Acq: 12 May 2015 19:26

Tgt Ion:172 Resp: 535620
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.4
 170 22.4 19.0 28.4



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: BG017090.D

Acq: 12 May 2015 19:26

Instrument :

BNA_G

ClientSampleId :

TU012-TW-04

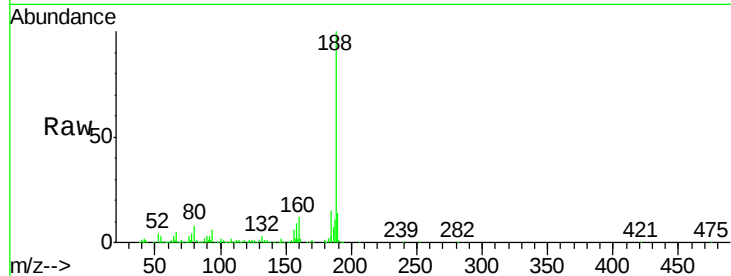
Tgt Ion:188 Resp: 223382

Ion Ratio Lower Upper

188 100

94 6.1 8.2 12.4#

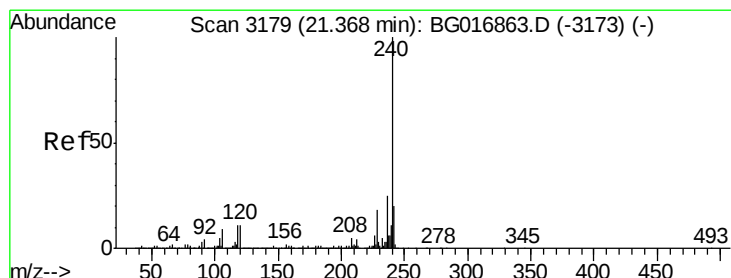
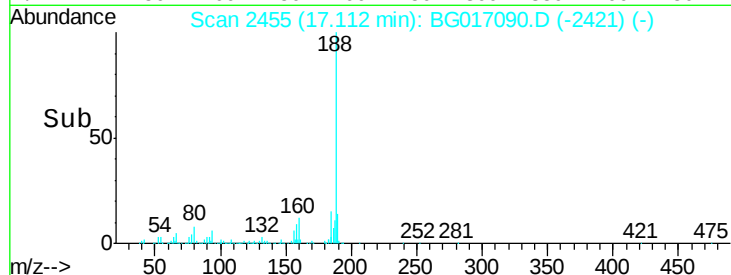
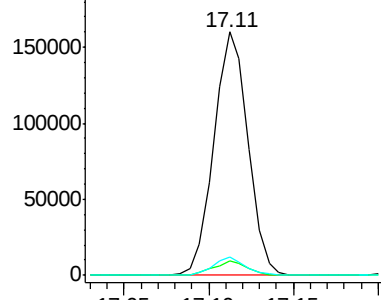
80 7.8 8.8 13.2#



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. -0.01 min

Lab File: BG017090.D

Acq: 12 May 2015 19:26

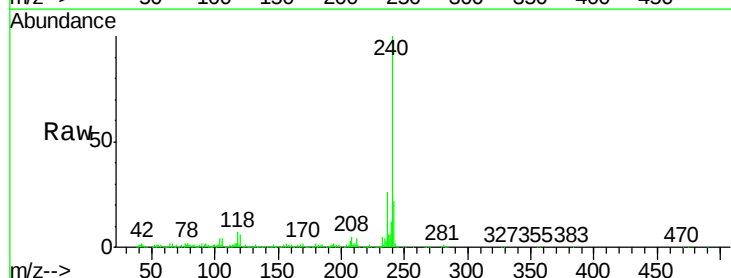
Tgt Ion:240 Resp: 241878

Ion Ratio Lower Upper

240 100

120 5.8 9.1 13.7#

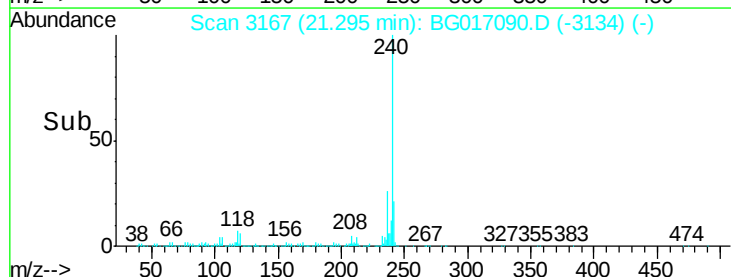
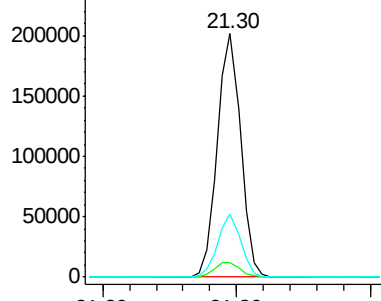
236 25.7 20.2 30.4

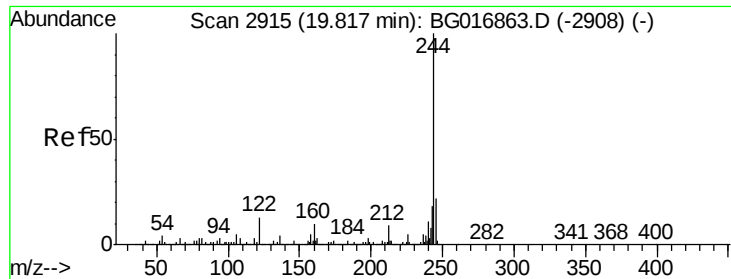


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.31 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017090.D

Acq: 12 May 2015 19:26

Instrument :

BNA_G

ClientSampleId :

TU012-TW-04

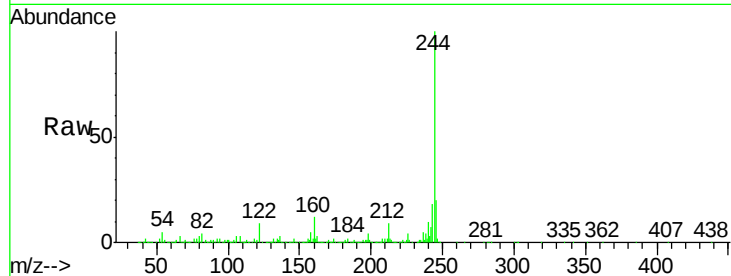
Tgt Ion:244 Resp: 931779

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

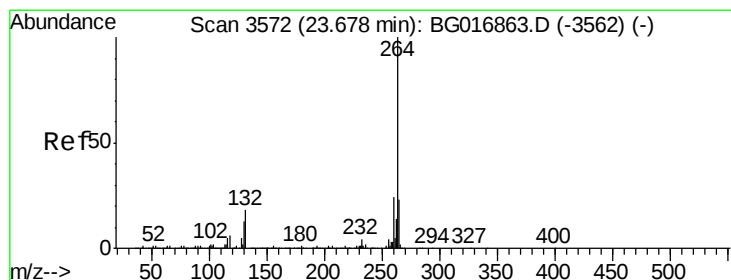
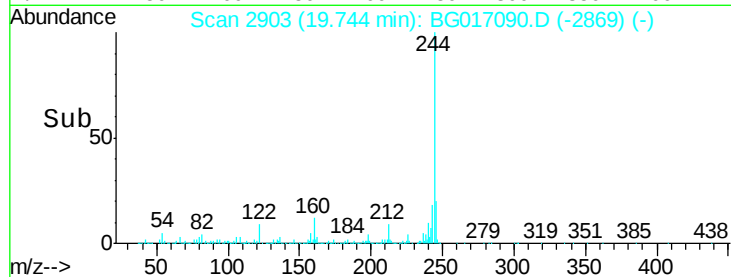
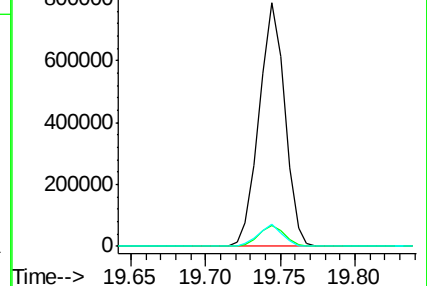
122 8.9 10.4 15.6#



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: BG017090.D

Acq: 12 May 2015 19:26

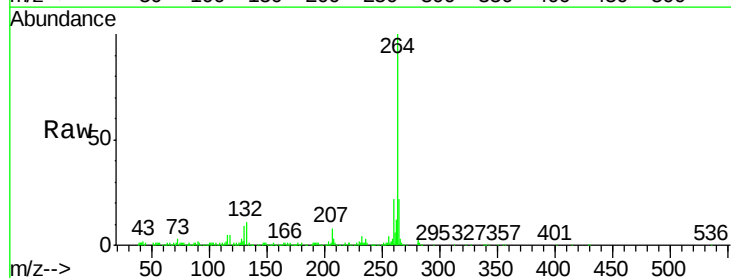
Tgt Ion:264 Resp: 243623

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.6 18.5 27.7



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

