

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017092.D
 Acq On : 12 May 2015 20:37
 Operator : TP/IZ
 Sample : G2195-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-05

Quant Time: May 13 04:23:08 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	7.71	152	28967	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	124874	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	86063	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	211578	20.00	ng	0.00
75) Chrysene-d12	21.29	240	240391	20.00	ng	-0.01
86) Perylene-d12	23.56	264	241401	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	102487	61.61	ng	0.00
7) Phenol-d6	6.91	99	87740	36.92	ng	0.00
23) Nitrobenzene-d5	8.88	82	212194	83.01	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	184137	213.12	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	523309	91.76	ng	0.00
78) Terphenyl-d14	19.75	244	1105856	107.84	ng	0.00

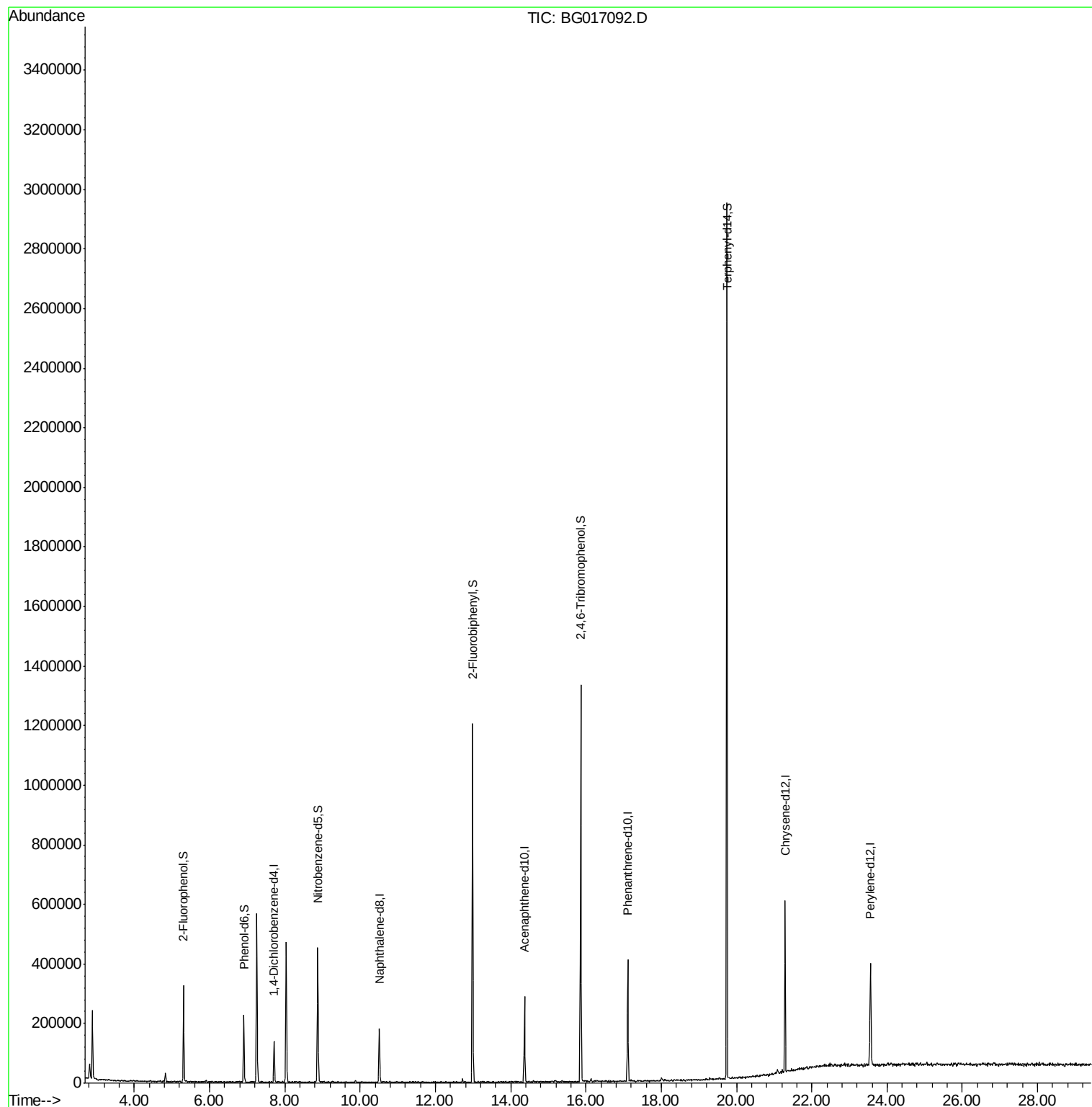
Target Compounds Qvalue

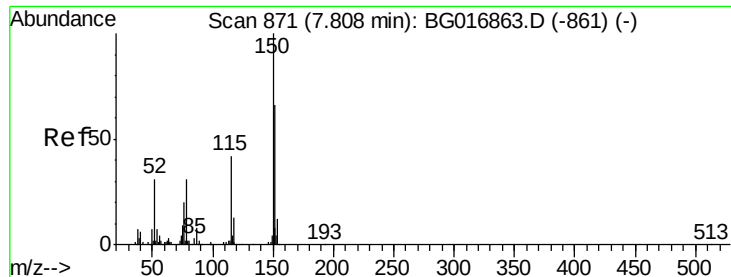
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

Instrument :

BNA_G

ClientSampleId :

TU012-TW-05

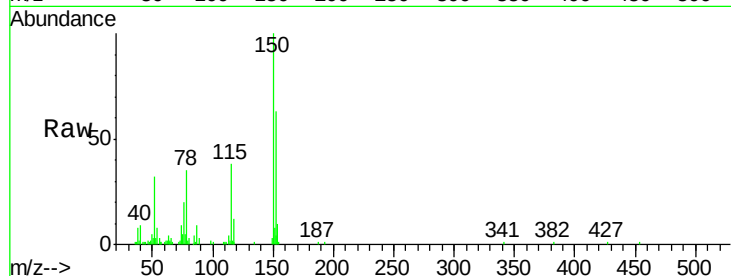
Tot Ion:152 Resp: 28967

Ion Ratio Lower Upper

152 100

150 159.5 121.0 181.4

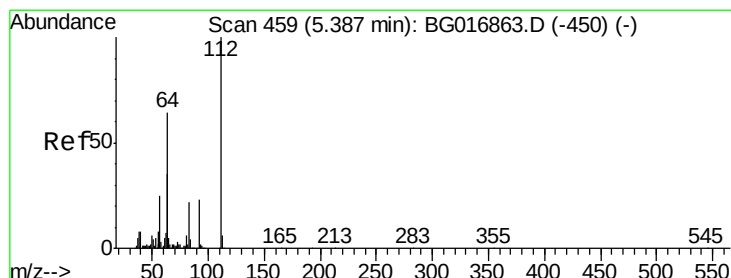
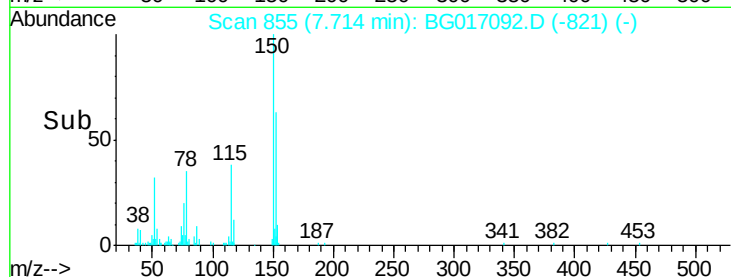
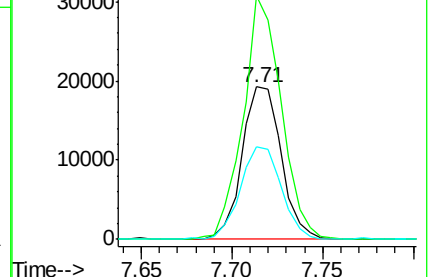
115 60.5 50.5 75.7



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: 61.61 ng

RT: 5.31 min Scan# 446

Delta R.T. 0.00 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

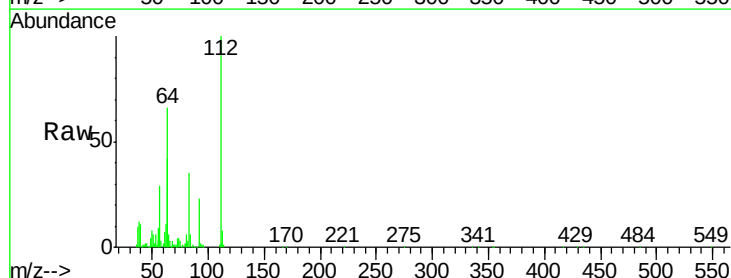
Tgt Ion:112 Resp: 102487

Ion Ratio Lower Upper

112 100

64 66.4 51.4 77.2

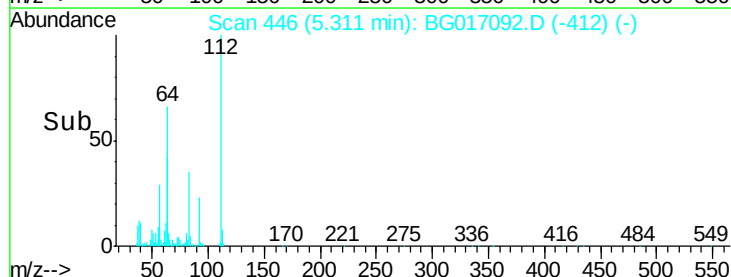
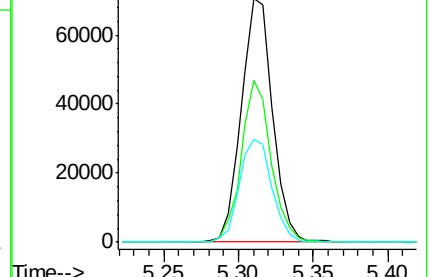
63 42.4 28.1 42.1#

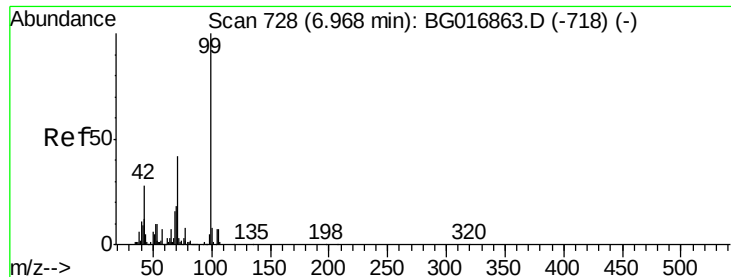


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.92 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

Instrument :

BNA_G

ClientSampleId :

TU012-TW-05

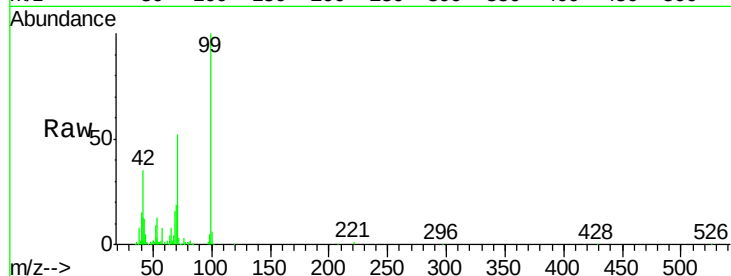
Tot Ion: 99 Resp: 87740

Ion Ratio Lower Upper

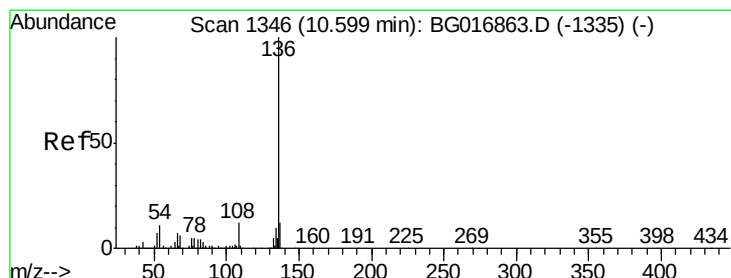
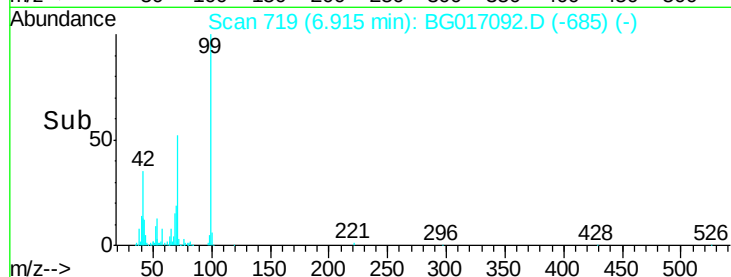
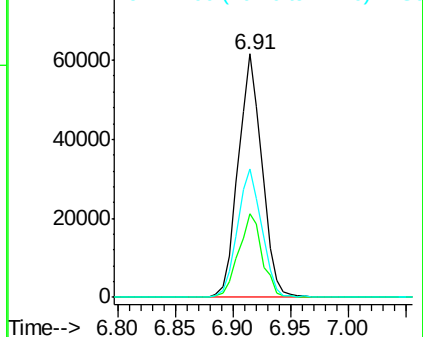
99 100

42 34.6 22.1 33.1#

71 52.5 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: BG017092.D

Acq: 12 May 2015 20:37

Tgt Ion: 136 Resp: 124874

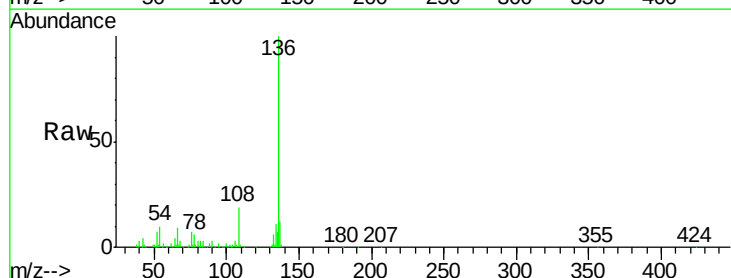
Ion Ratio Lower Upper

136 100

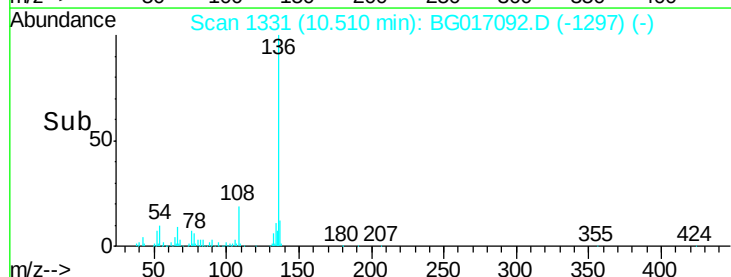
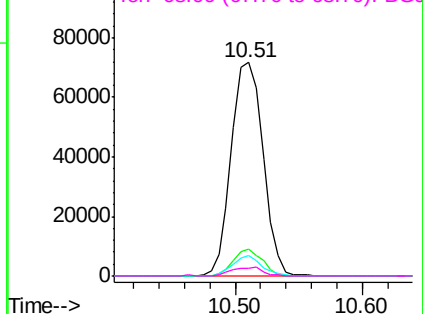
137 12.4 9.8 14.8

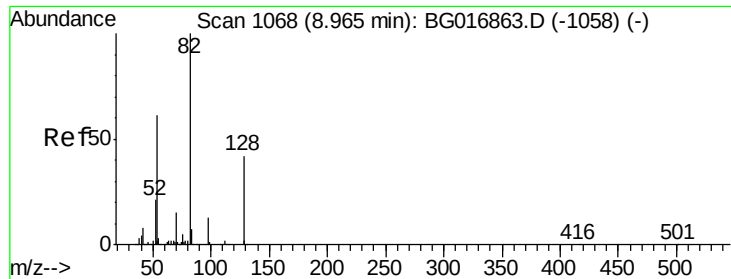
54 9.8 8.7 13.1

68 3.5 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

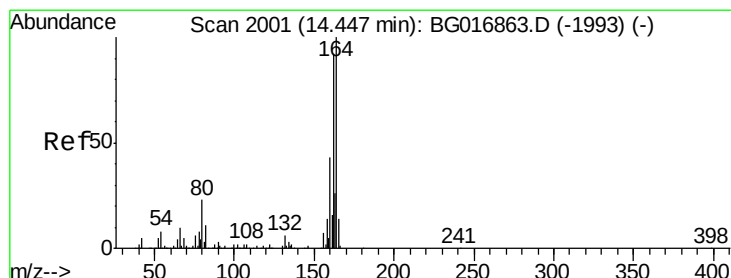
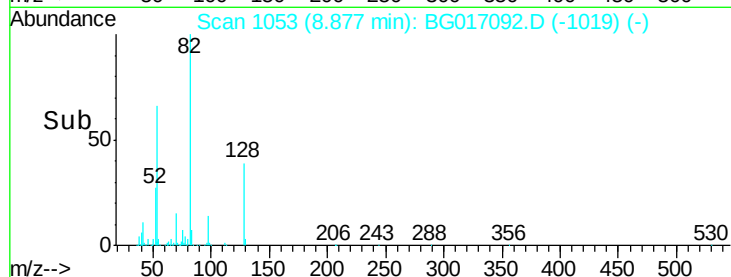
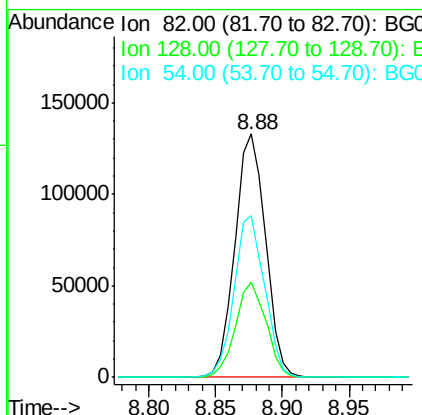
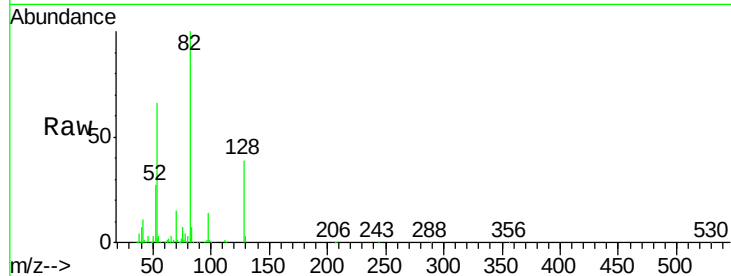




#23
Nitrobenzene-d5
Concen: 83.01 ng
RT: 8.88 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG017092.D
Acq: 12 May 2015 20:37

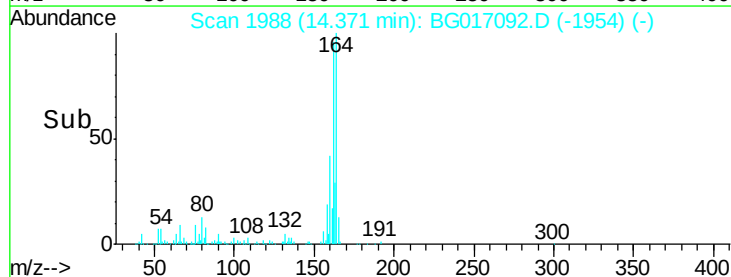
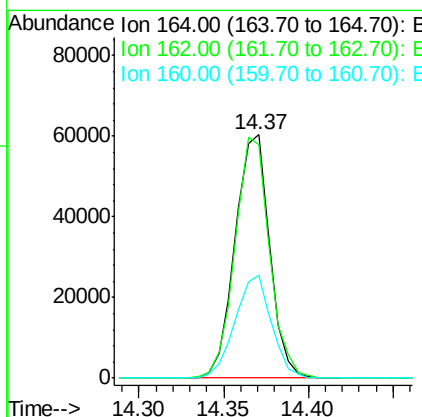
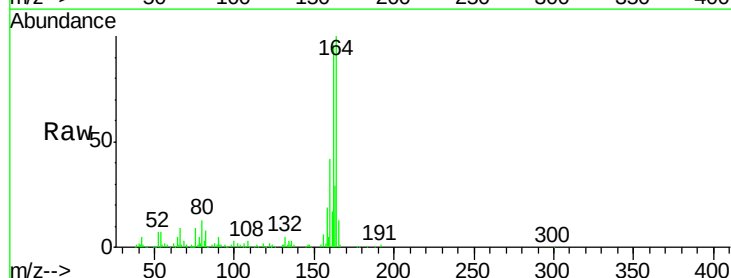
Instrument :
BNA_G
ClientSampleId :
TU012-TW-05

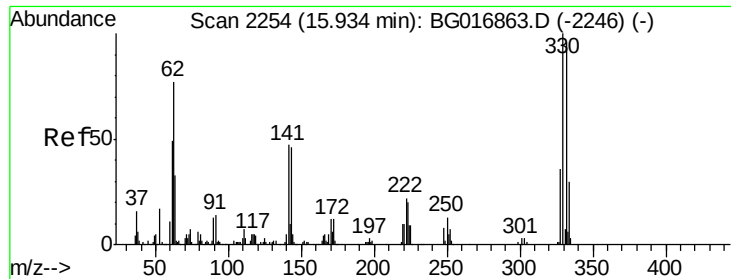
Tot Ion: 82 Resp: 212194
Ion Ratio Lower Upper
82 100
128 39.3 33.2 49.8
54 66.3 48.6 72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG017092.D
Acq: 12 May 2015 20:37

Tgt Ion: 164 Resp: 86063
Ion Ratio Lower Upper
164 100
162 95.7 74.0 111.0
160 42.5 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 213.12 ng

RT: 15.86 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

Instrument :

BNA_G

ClientSampleId :

TU012-TW-05

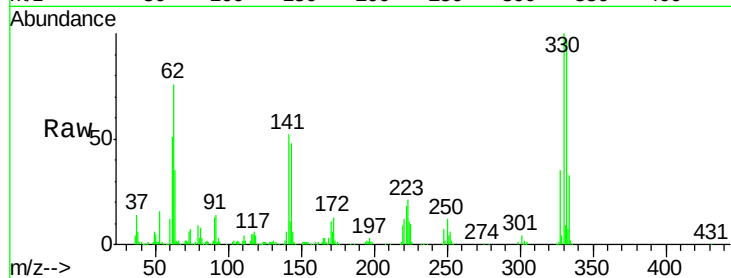
Tot Ion:330 Resp: 184137

Ion Ratio Lower Upper

330 100

332 98.2 0.0 0.0#

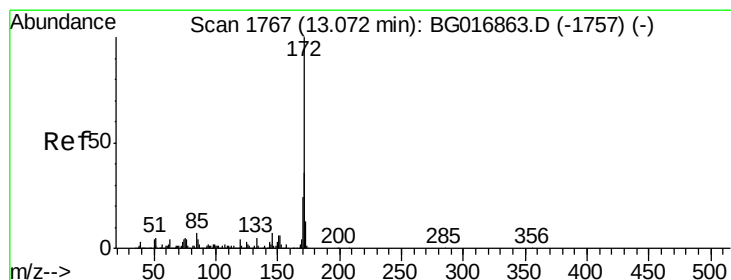
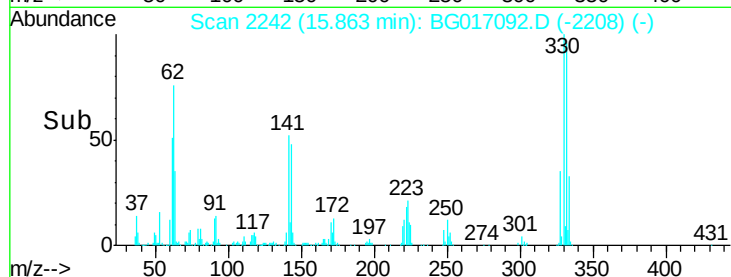
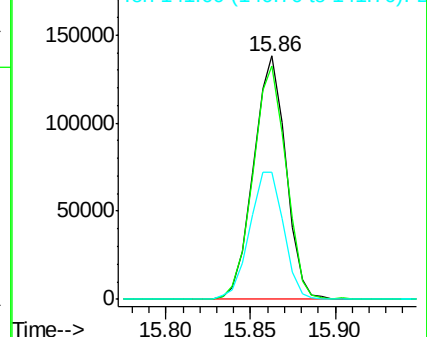
141 54.9 0.0 0.0#



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: 91.76 ng

RT: 12.99 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

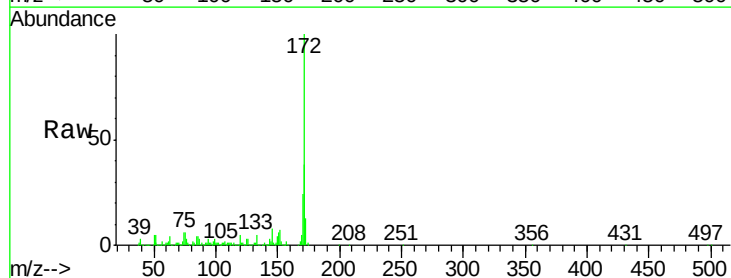
Tgt Ion:172 Resp: 523309

Ion Ratio Lower Upper

172 100

171 37.6 29.0 43.4

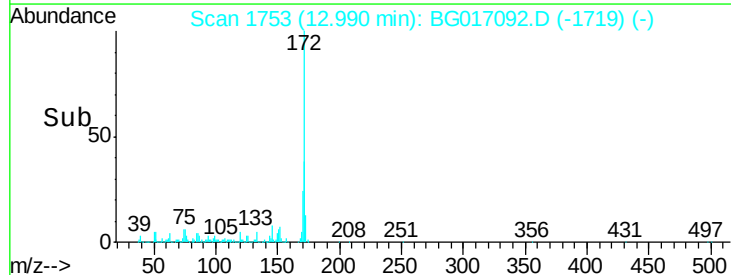
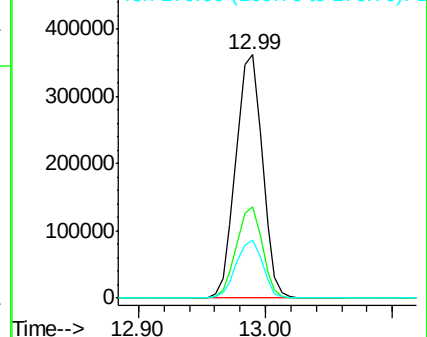
170 24.0 19.0 28.4

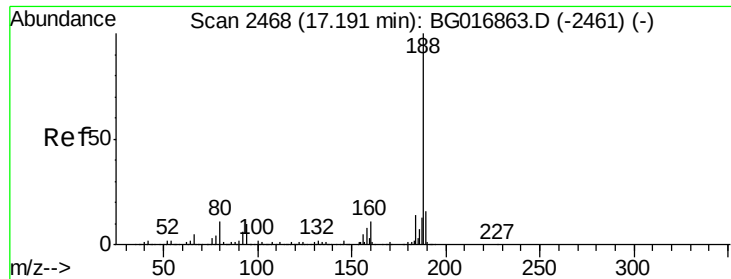


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

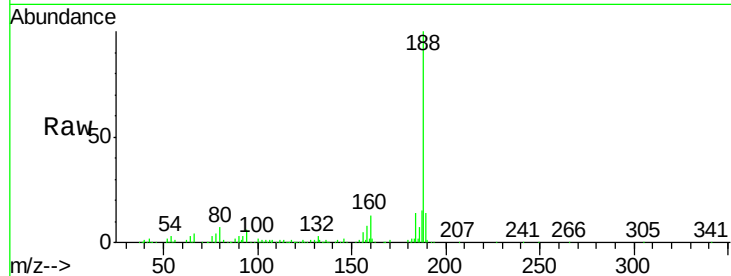




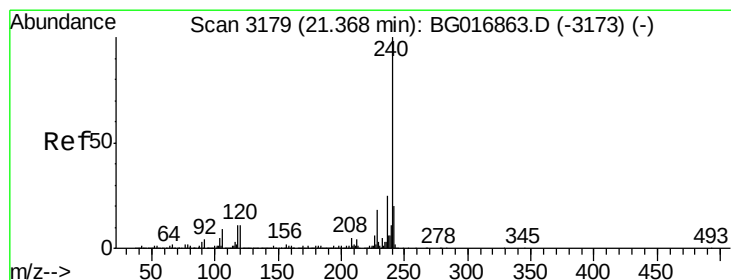
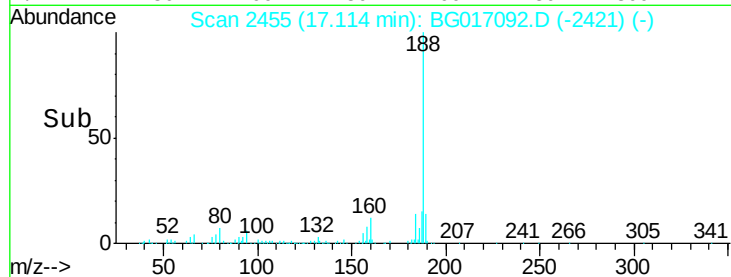
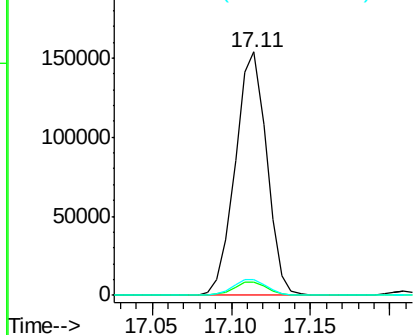
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG017092.D
Acq: 12 May 2015 20:37

Instrument :
BNA_G
ClientSampleId :
TU012-TW-05

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.2	12.4#
80	6.6	8.8	13.2#

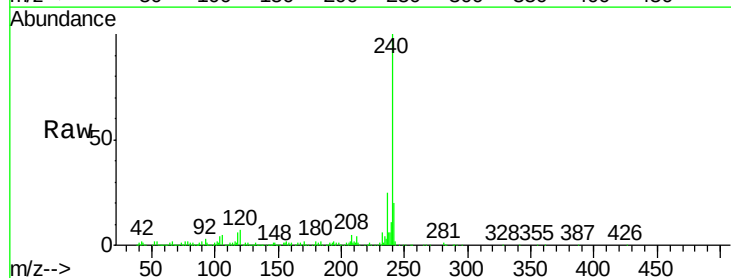


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

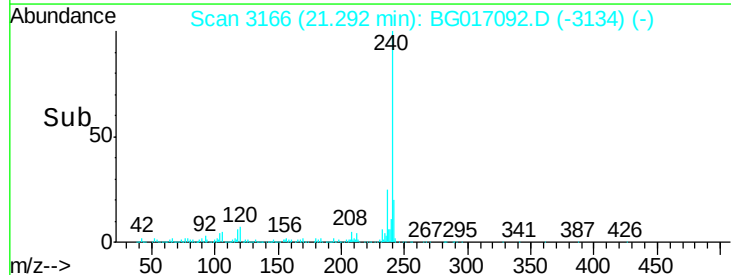
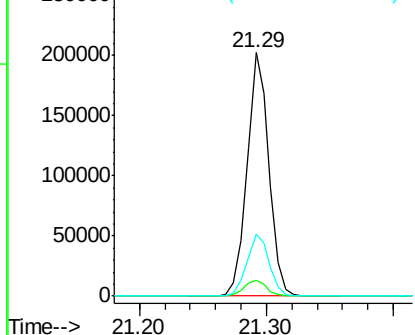


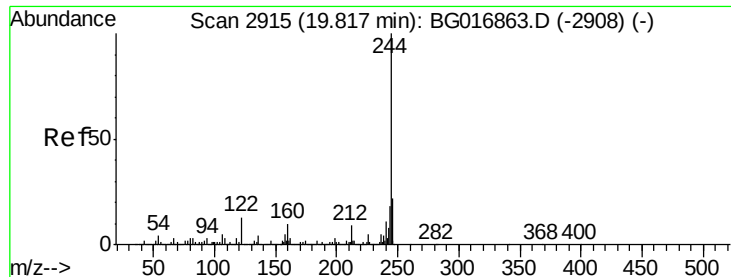
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017092.D
Acq: 12 May 2015 20:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.1	13.7#
236	25.5	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: 107.84 ng

RT: 19.75 min Scan# 2903

Delta R.T. 0.00 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

Instrument :

BNA_G

ClientSampleId :

TU012-TW-05

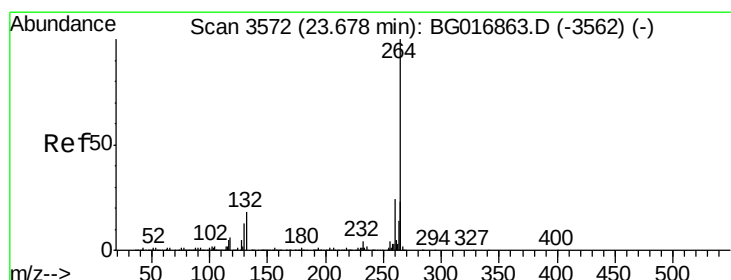
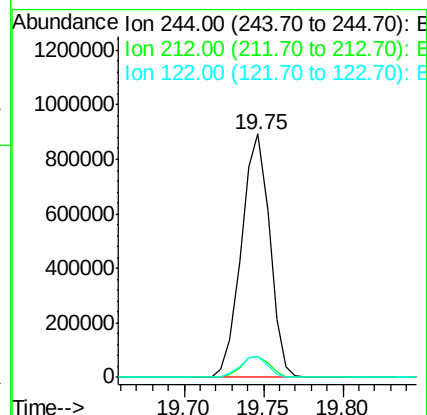
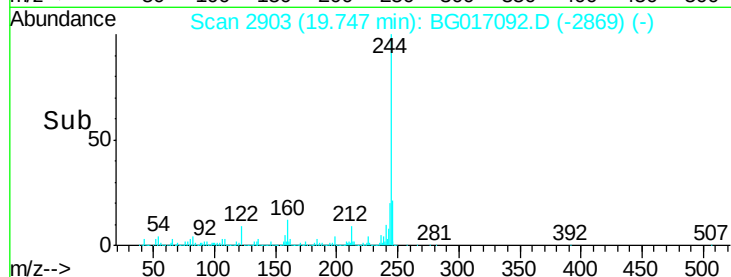
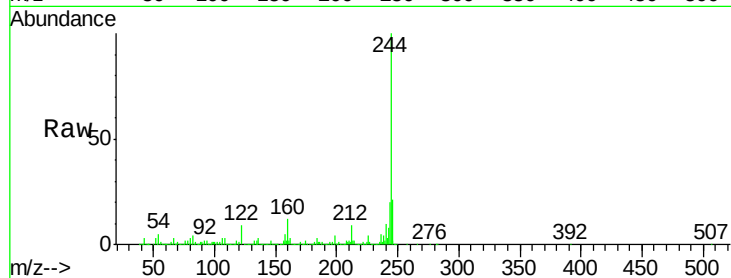
Tot Ion:244 Resp: 1105856

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 8.5 10.4 15.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017092.D

Acq: 12 May 2015 20:37

Tgt Ion:264 Resp: 241401

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.8 18.5 27.7

