

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017116.D
 Acq On : 13 May 2015 20:22
 Operator : TP/IZ
 Sample : G2194-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-04

Quant Time: May 14 03:58:41 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	43532	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	183709	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	118426	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	270475	20.00	ng	0.00
75) Chrysene-d12	21.29	240	291565	20.00	ng	0.00
86) Perylene-d12	23.56	264	288213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	173125	70.56	ng	0.00
7) Phenol-d6	6.91	99	151115	43.89	ng	0.00
23) Nitrobenzene-d5	8.87	82	323703	82.26	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	202499	141.45	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	674755	83.61	ng	0.00
78) Terphenyl-d14	19.75	244	1127245	80.57	ng	0.00

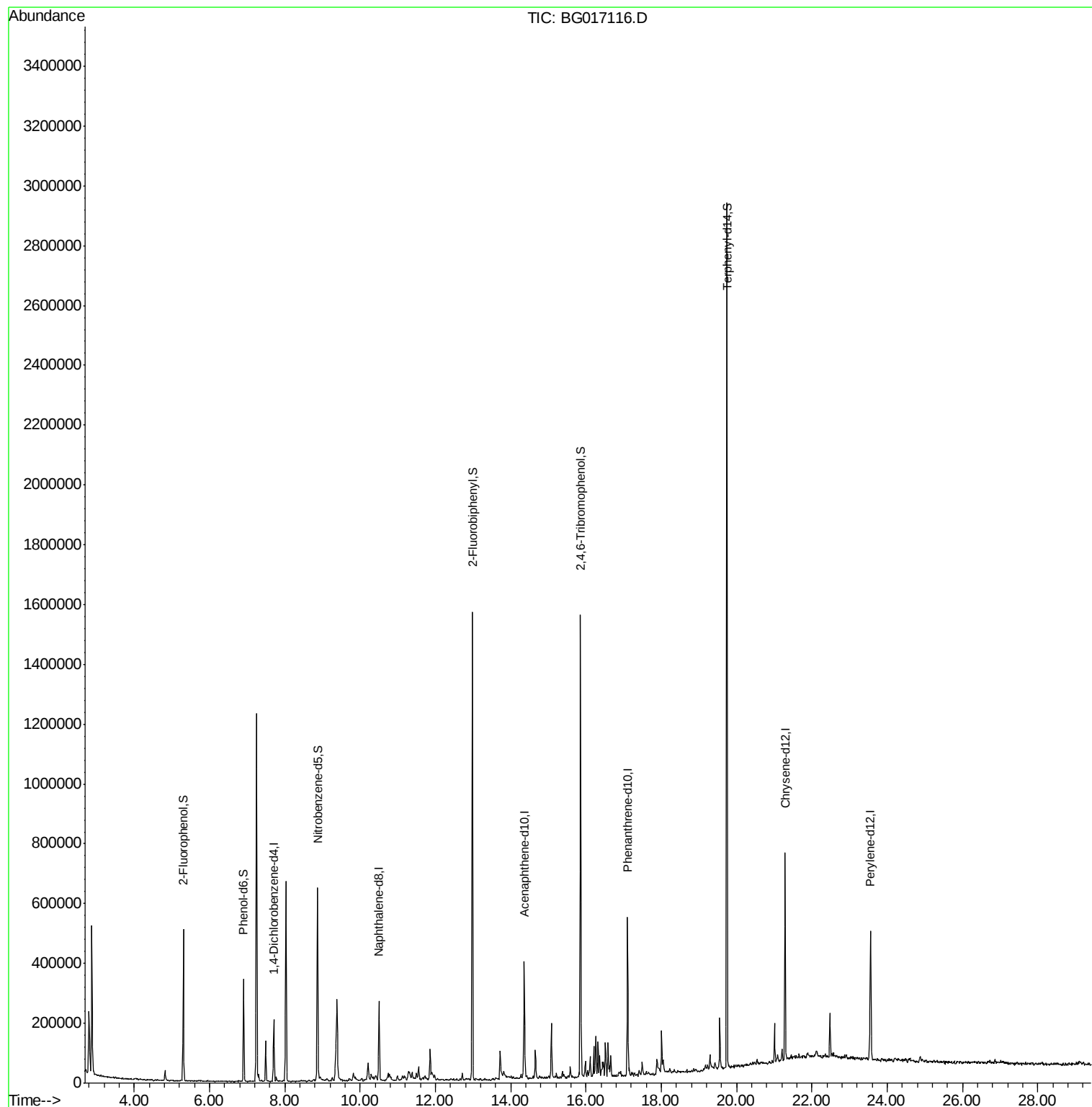
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

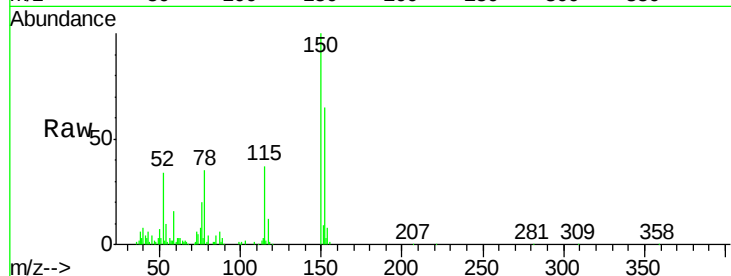
Tgt Ion:152 Resp: 43532

Ion Ratio Lower Upper

152 100

150 154.8 120.8 181.2

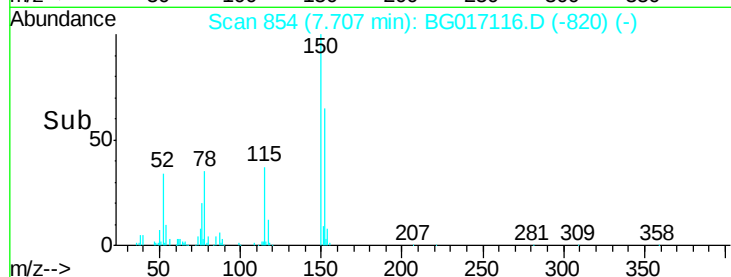
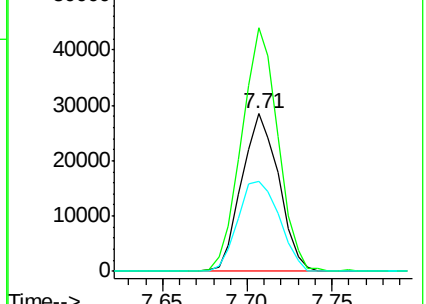
115 57.5 49.4 74.2



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: 70.56 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

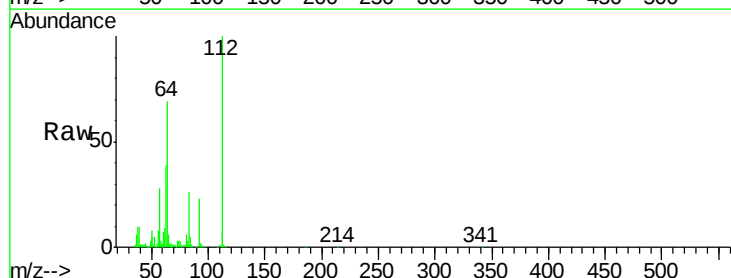
Tgt Ion:112 Resp: 173125

Ion Ratio Lower Upper

112 100

64 69.1 48.1 72.1

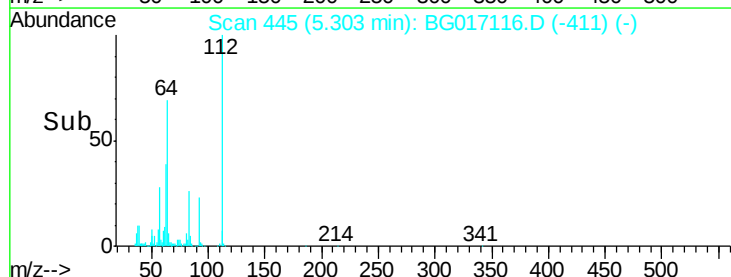
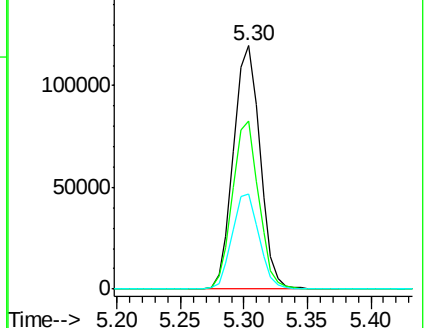
63 39.2 29.8 44.8

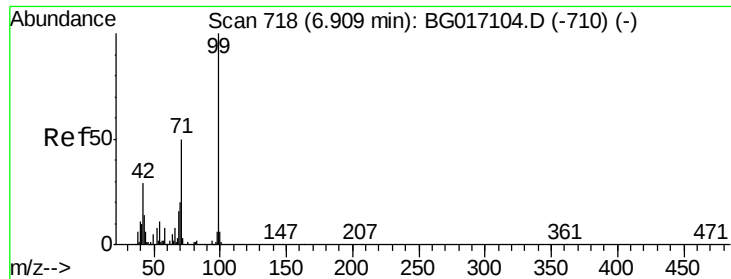


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.89 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

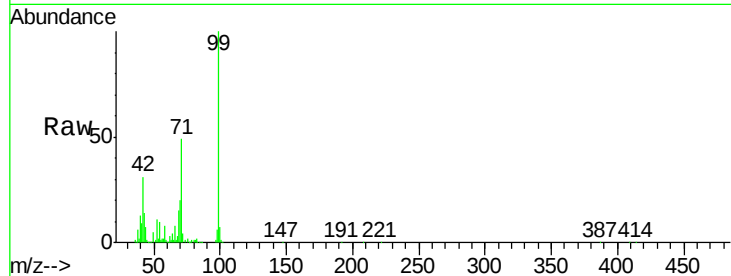
Tgt Ion: 99 Resp: 151115

Ion Ratio Lower Upper

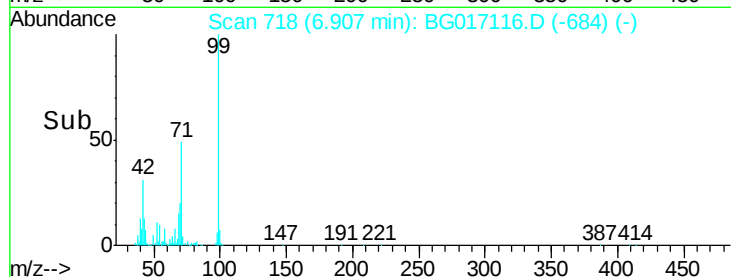
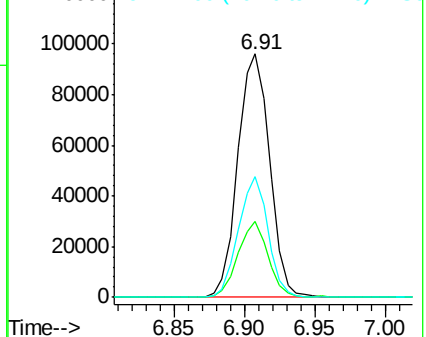
99 100

42 31.1 23.5 35.3

71 49.4 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: BG017116.D

Acq: 13 May 2015 20:22

Tgt Ion: 136 Resp: 183709

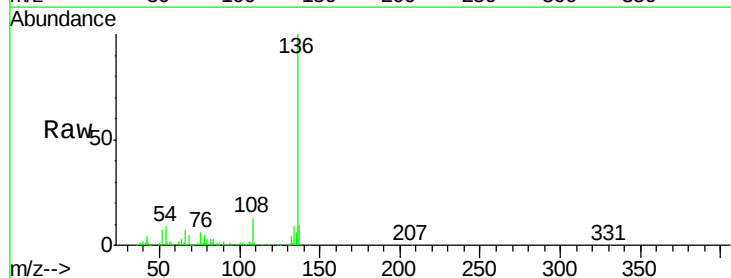
Ion Ratio Lower Upper

136 100

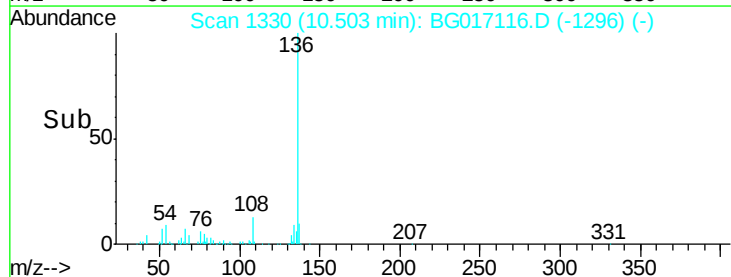
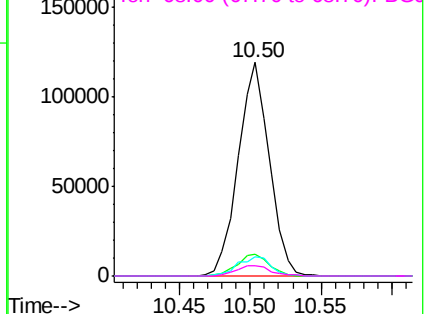
137 10.0 8.3 12.5

54 9.0 7.4 11.2

68 4.7 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: 82.26 ng

RT: 8.87 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

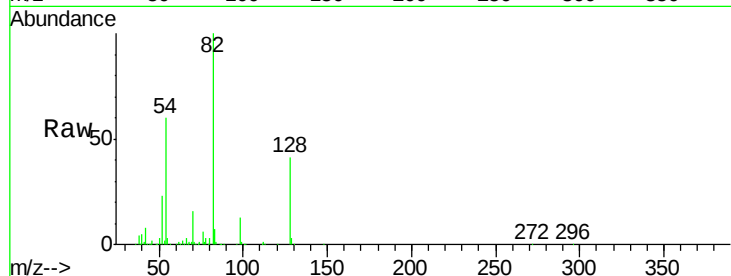
Tgt Ion: 82 Resp: 323703

Ion Ratio Lower Upper

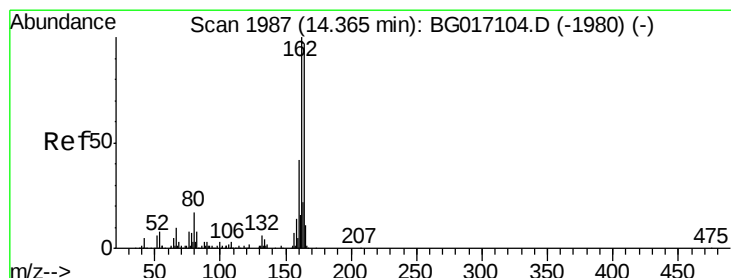
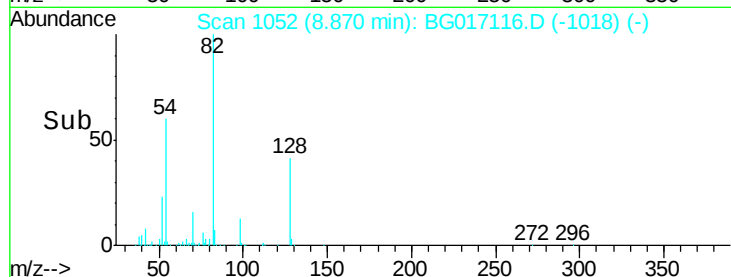
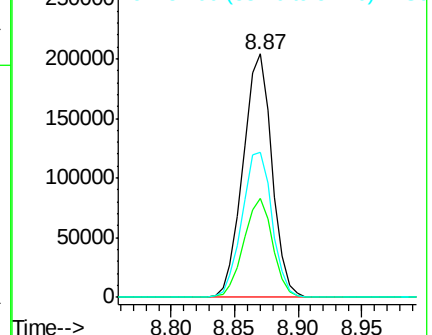
82 100

128 40.6 32.6 49.0

54 59.6 49.6 74.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

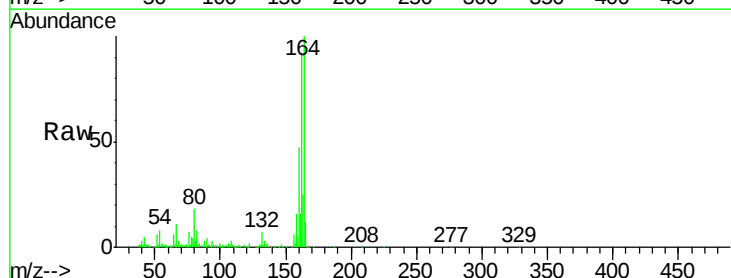
Tgt Ion: 164 Resp: 118426

Ion Ratio Lower Upper

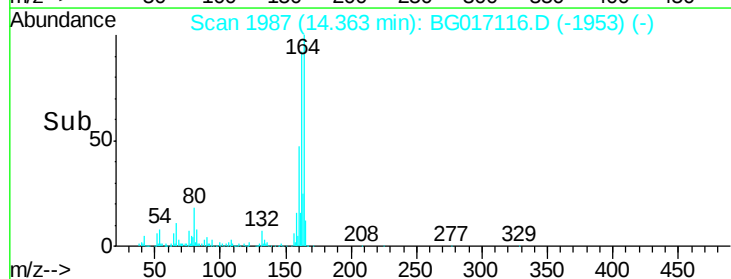
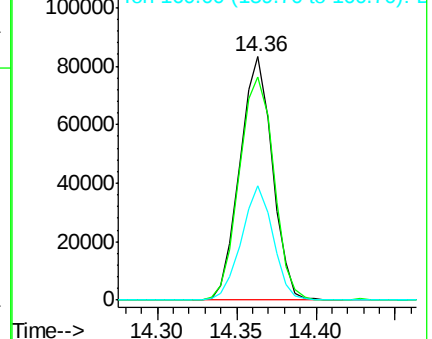
164 100

162 91.9 82.1 123.1

160 46.8 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

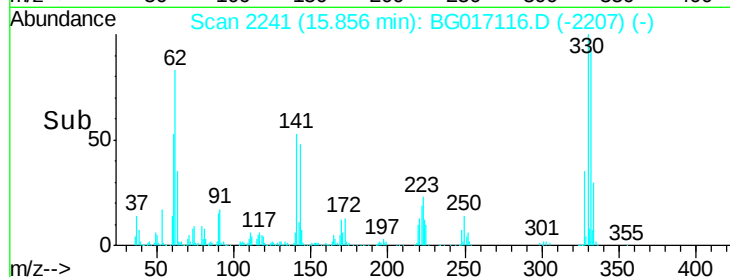
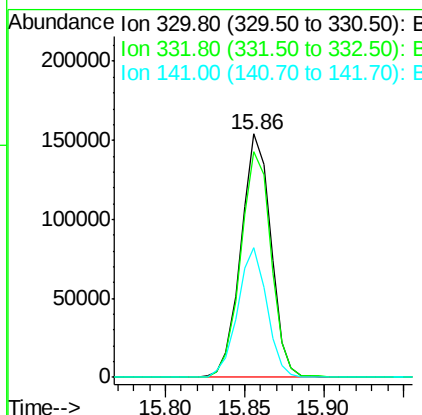
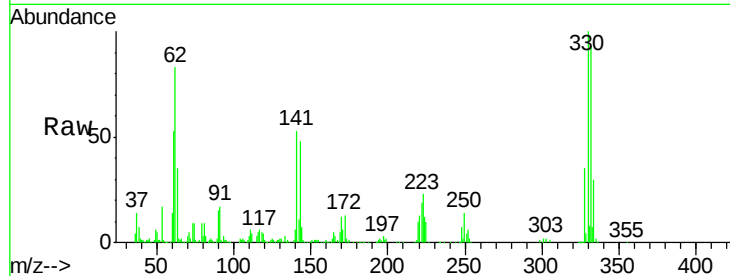




#41
 2,4,6-Tribromophenol
 Concen: 141.45 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017116.D
 Acq: 13 May 2015 20:22

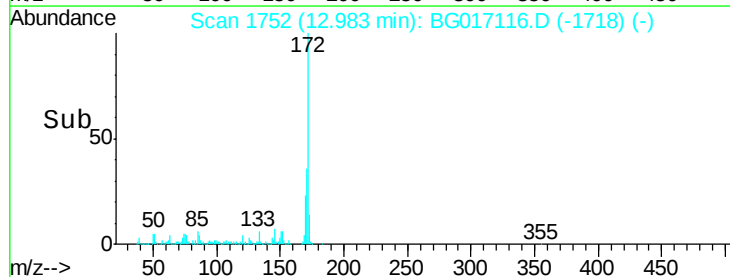
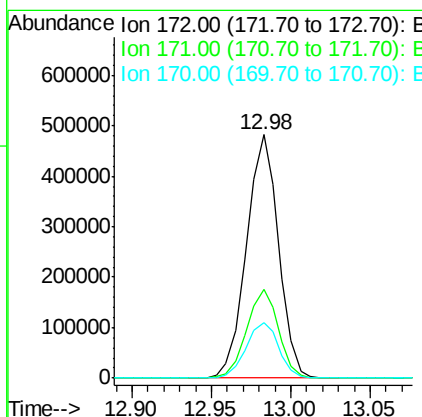
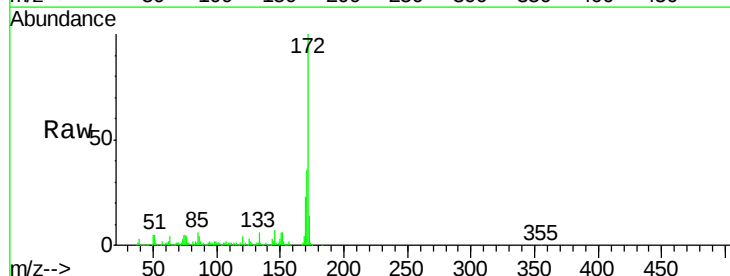
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-04

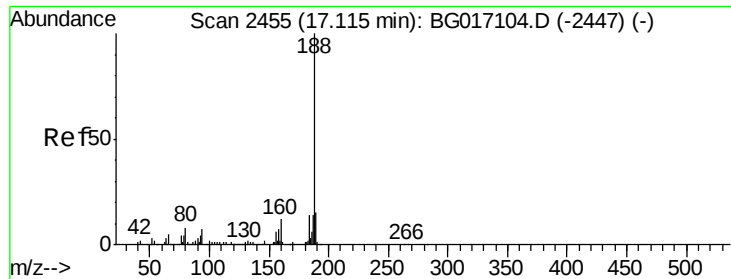
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	52.2	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 83.61 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017116.D
 Acq: 13 May 2015 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	22.8	18.4	27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

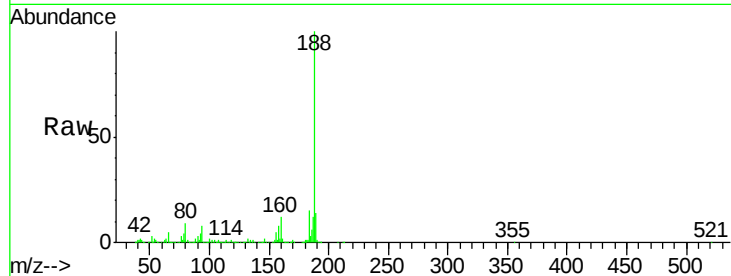
Tgt Ion:188 Resp: 270475

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

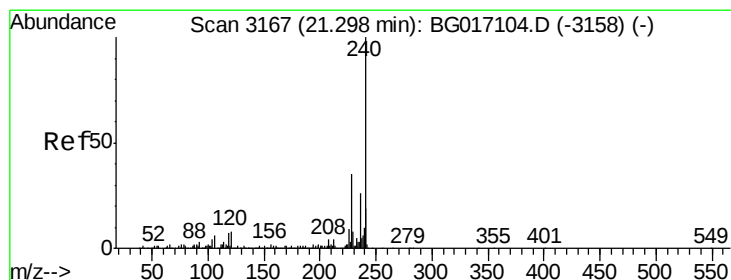
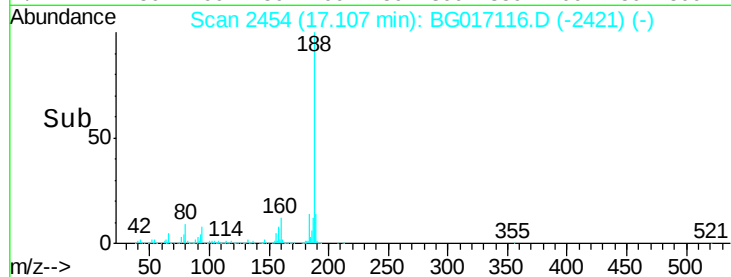
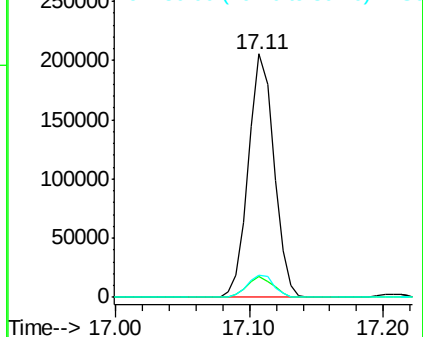
80 9.0 6.5 9.7



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: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

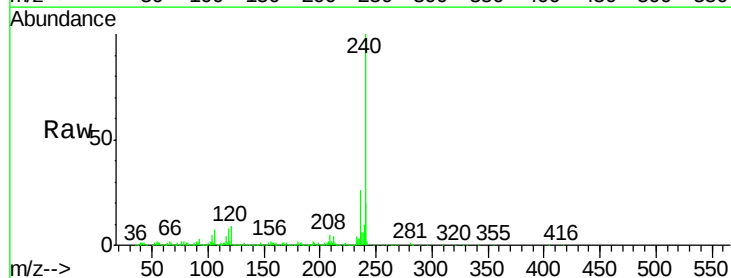
Tgt Ion:240 Resp: 291565

Ion Ratio Lower Upper

240 100

120 9.4 6.0 9.0#

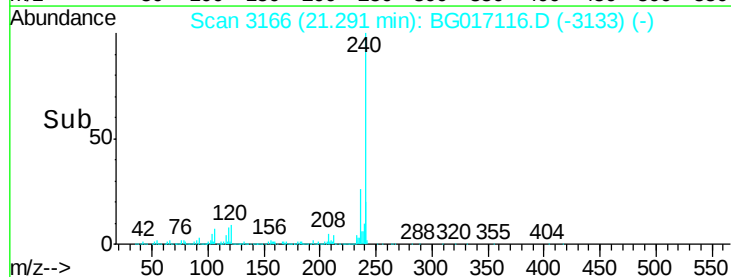
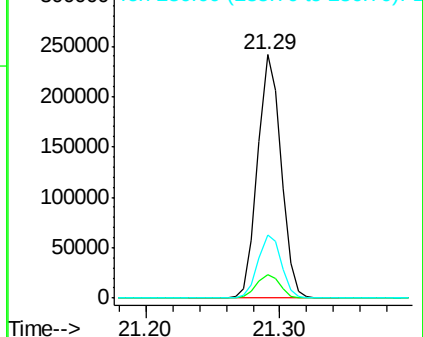
236 25.7 20.5 30.7

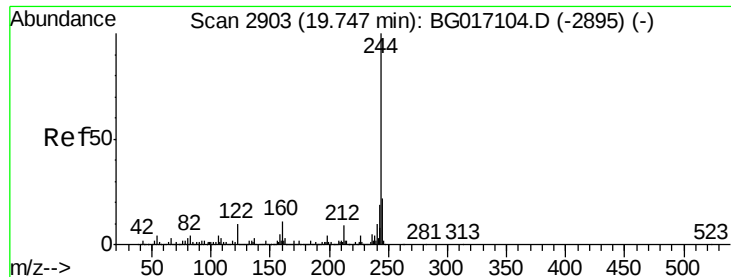


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.57 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017116.D

Acq: 13 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

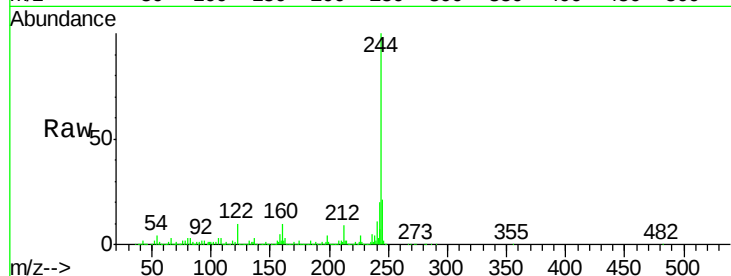
Tgt Ion:244 Resp: 1127245

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

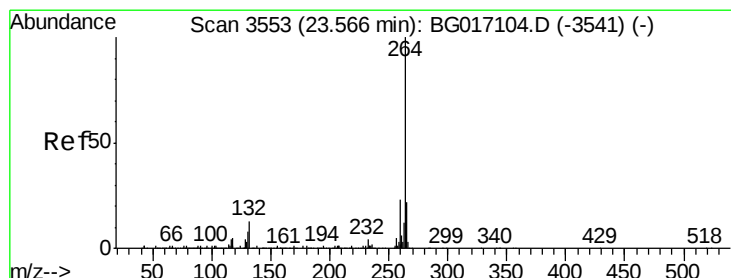
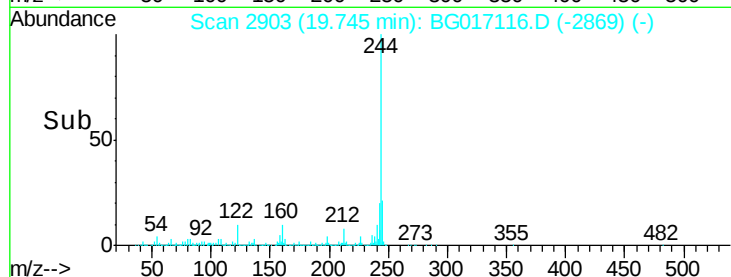
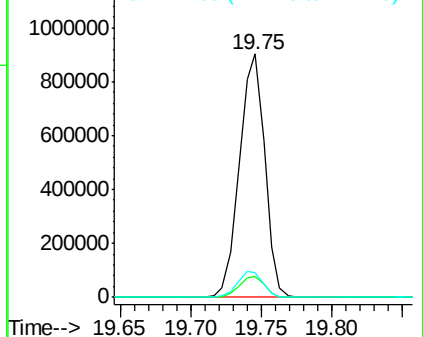
122 10.3 8.4 12.6



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: BG017116.D

Acq: 13 May 2015 20:22

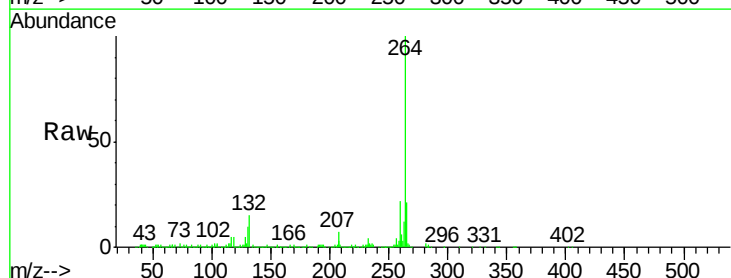
Tgt Ion:264 Resp: 288213

Ion Ratio Lower Upper

264 100

260 22.5 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

