

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017125.D
 Acq On : 14 May 2015 2:08
 Operator : TP/IZ
 Sample : G2195-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-04

Quant Time: May 14 04:34:47 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	49077	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	212426	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	143770	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	326097	20.00	ng	0.00
75) Chrysene-d12	21.29	240	320668	20.00	ng	0.00
86) Perylene-d12	23.56	264	309858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	152595	55.17	ng	0.00
7) Phenol-d6	6.91	99	144435	37.21	ng	0.00
23) Nitrobenzene-d5	8.87	82	374835	82.38	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	169026	97.26	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	764939	78.07	ng	0.00
78) Terphenyl-d14	19.74	244	1228327	79.82	ng	0.00

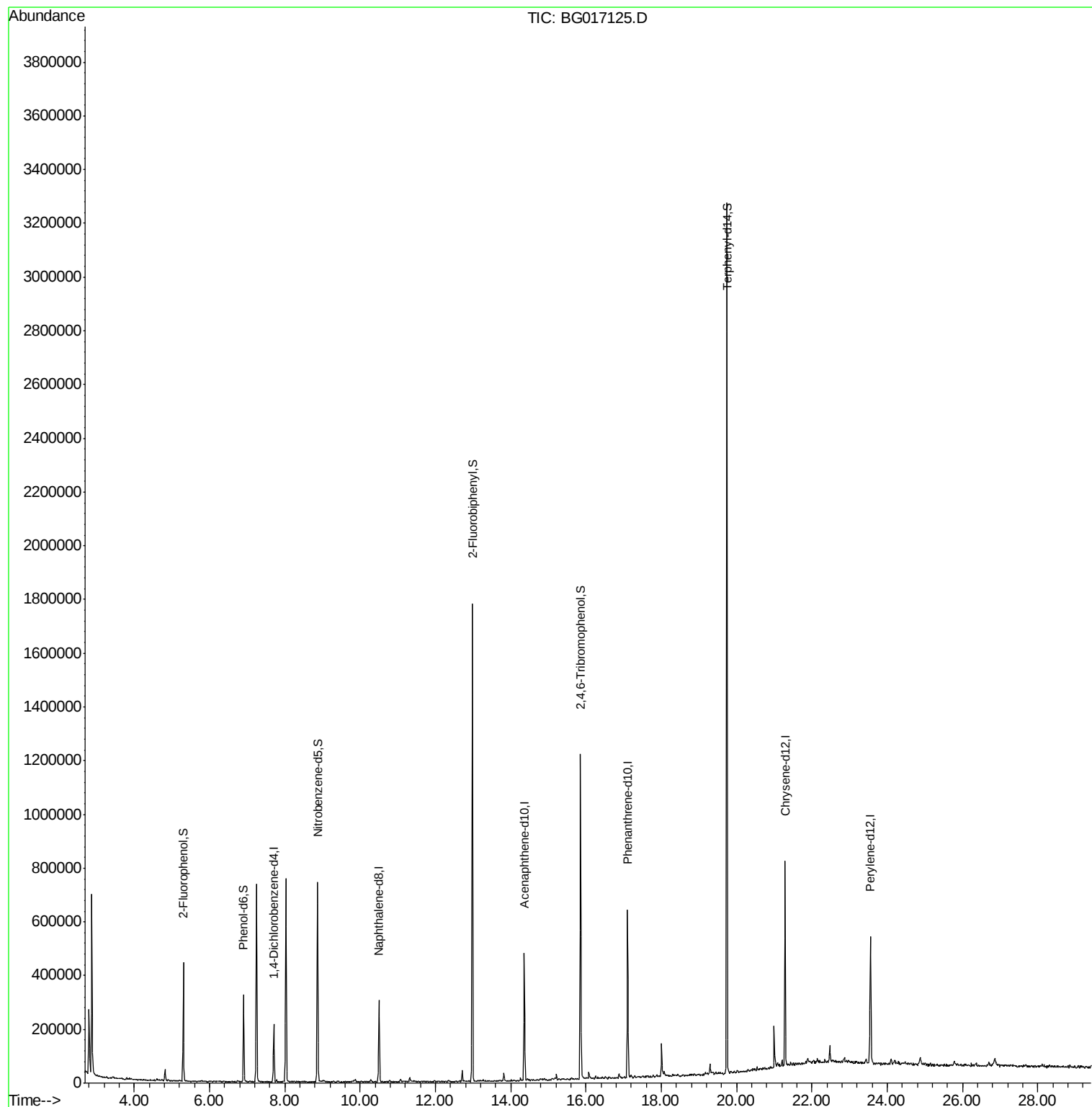
Target Compounds	Qvalue
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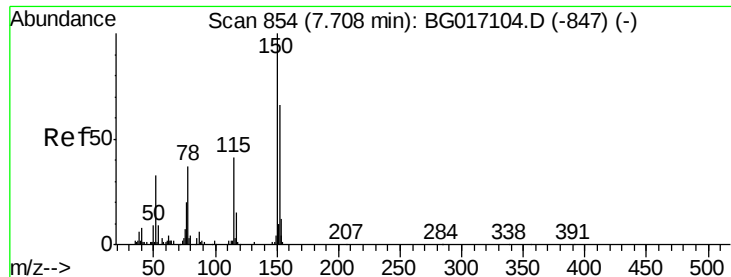
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017125.D

Acq: 14 May 2015 2:08

Instrument :

BNA_G

ClientSampleId :

TU012-TW-04

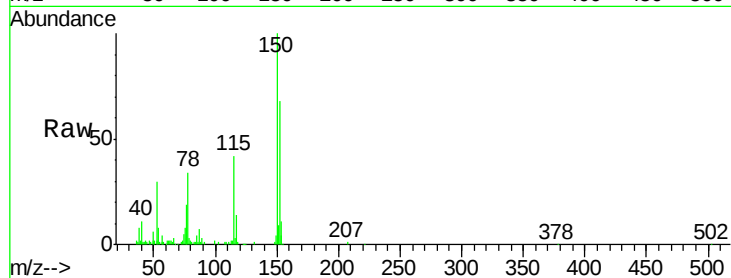
Tgt Ion:152 Resp: 49077

Ion Ratio Lower Upper

152 100

150 147.9 120.8 181.2

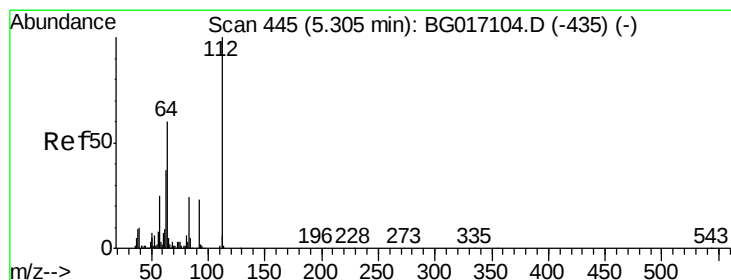
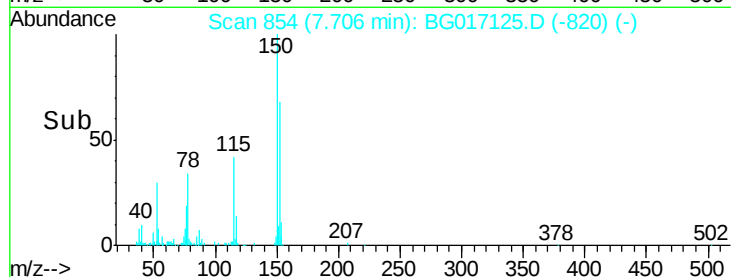
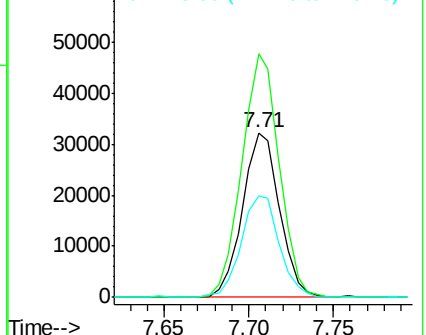
115 62.0 49.4 74.2



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: 55.17 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017125.D

Acq: 14 May 2015 2:08

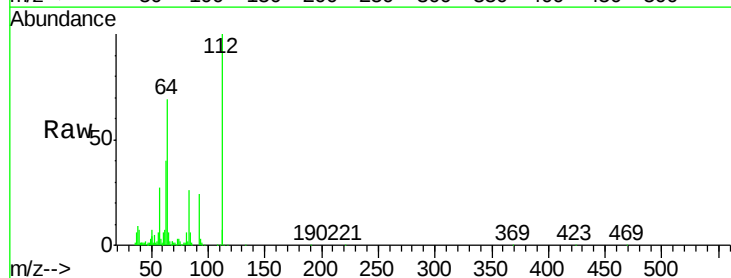
Tgt Ion:112 Resp: 152595

Ion Ratio Lower Upper

112 100

64 69.0 48.1 72.1

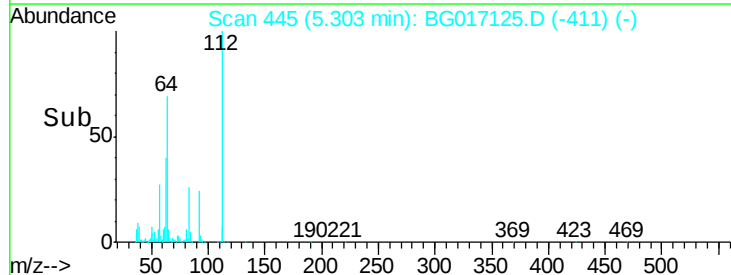
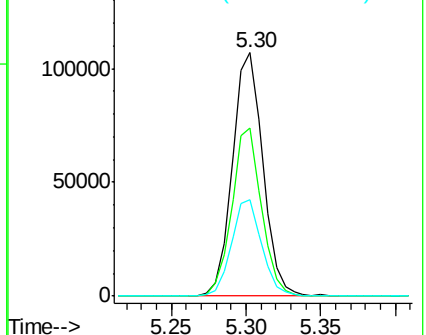
63 39.7 29.8 44.8

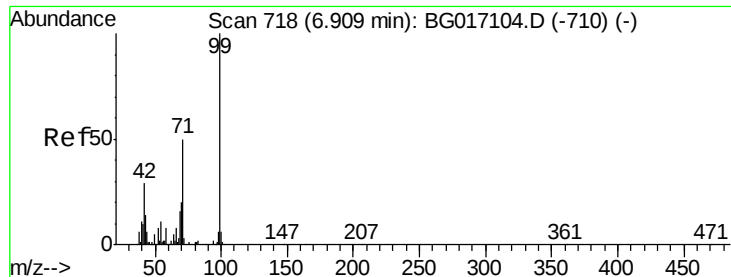


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.21 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017125.D

Acq: 14 May 2015 2:08

Instrument :

BNA_G

ClientSampleId :

TU012-TW-04

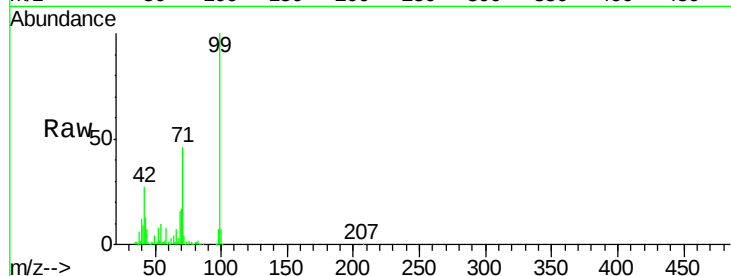
Tgt Ion: 99 Resp: 144435

Ion Ratio Lower Upper

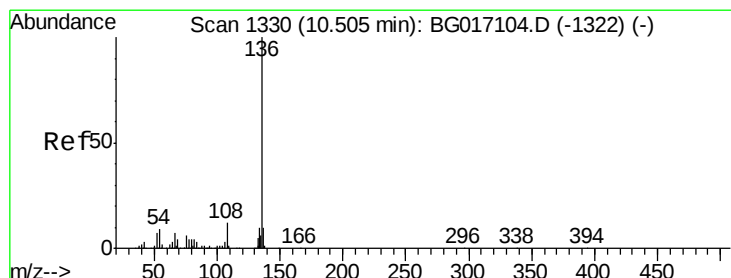
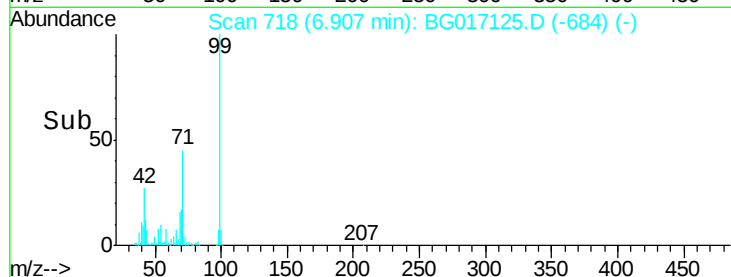
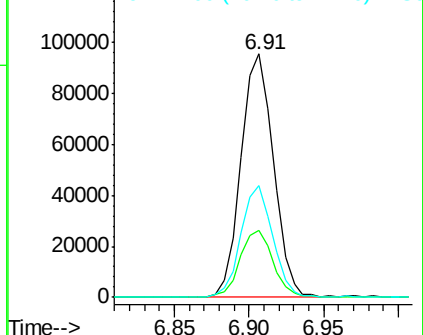
99 100

42 27.3 23.5 35.3

71 45.8 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: BG017125.D

Acq: 14 May 2015 2:08

Tgt Ion: 136 Resp: 212426

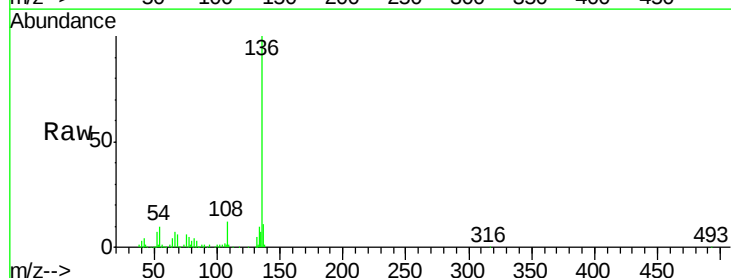
Ion Ratio Lower Upper

136 100

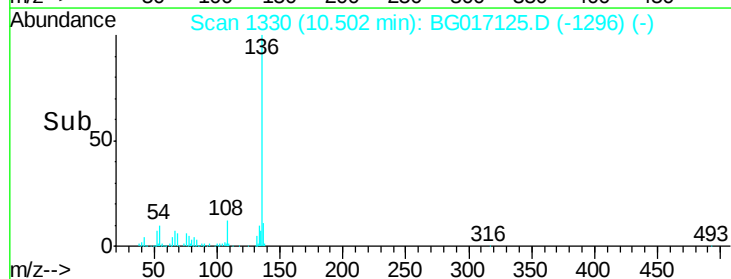
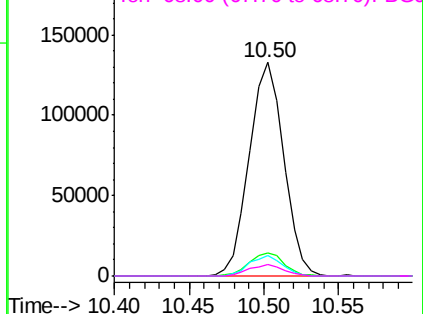
137 10.6 8.3 12.5

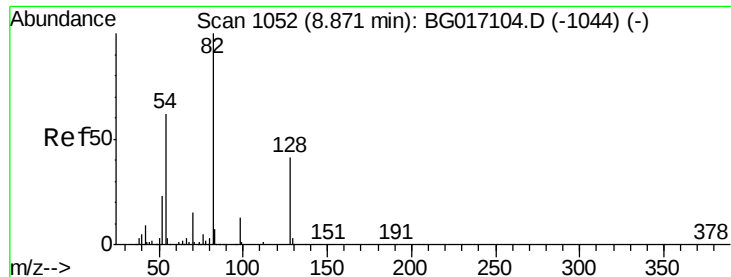
54 9.5 7.4 11.2

68 5.7 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

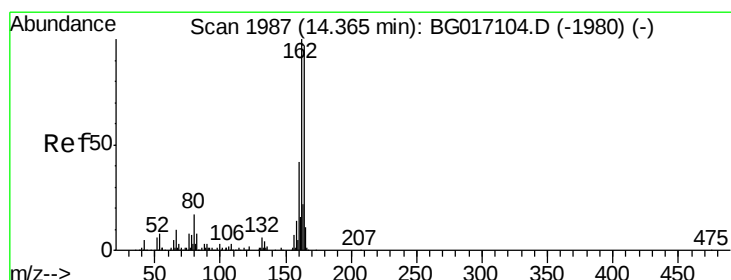
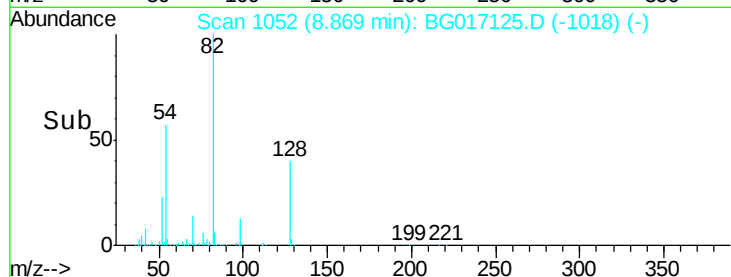
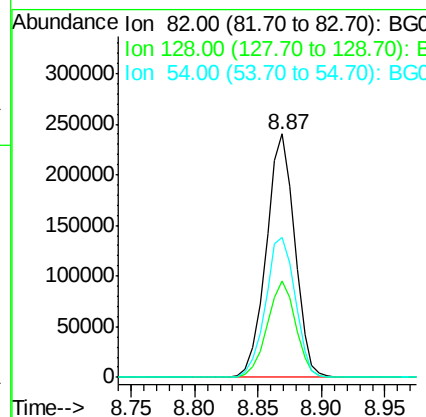
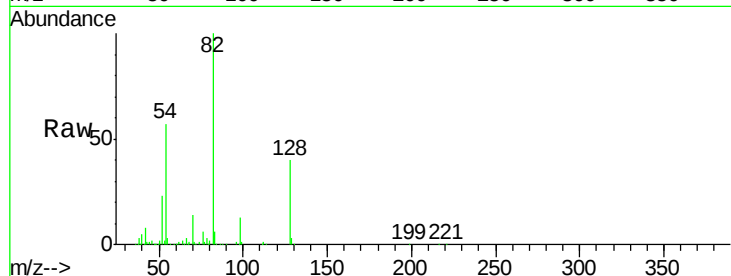




#23
 Nitrobenzene-d5
 Concen: 82.38 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017125.D
 Acq: 14 May 2015 2:08

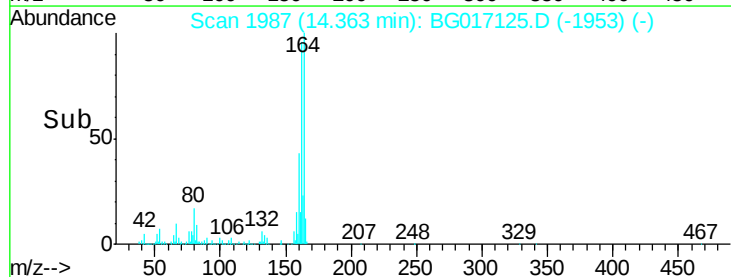
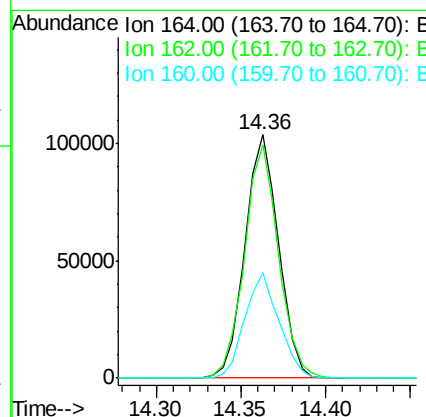
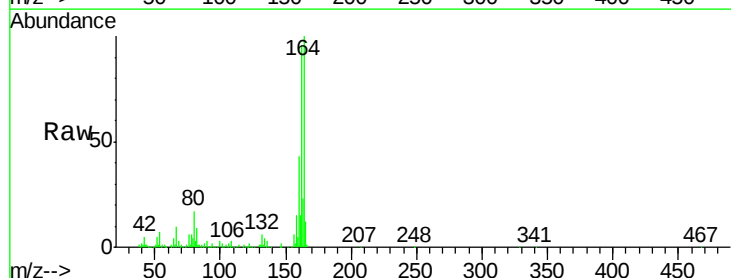
Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-04

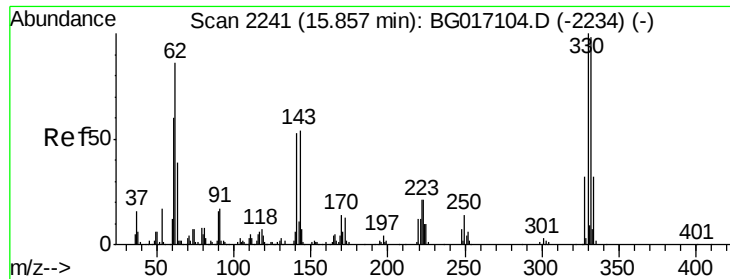
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	57.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017125.D
 Acq: 14 May 2015 2:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	82.1	123.1
160	43.1	34.8	52.2

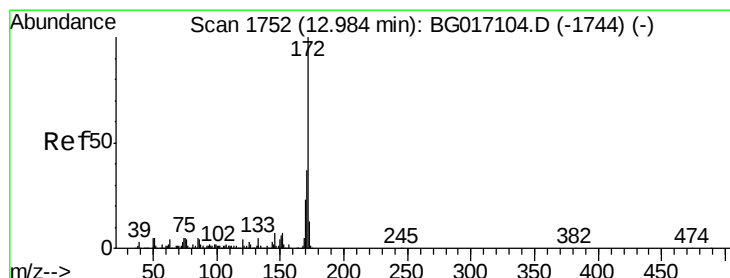
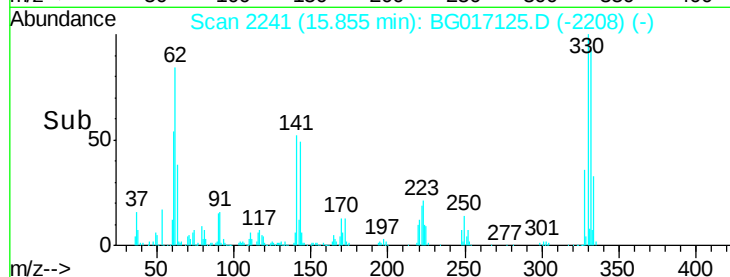
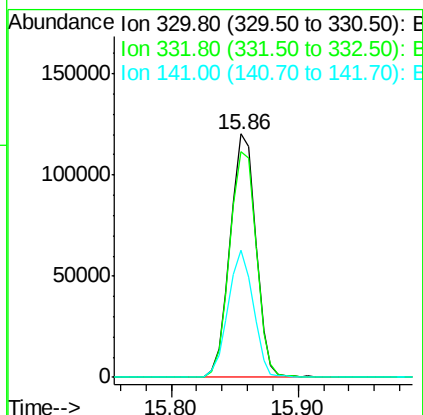
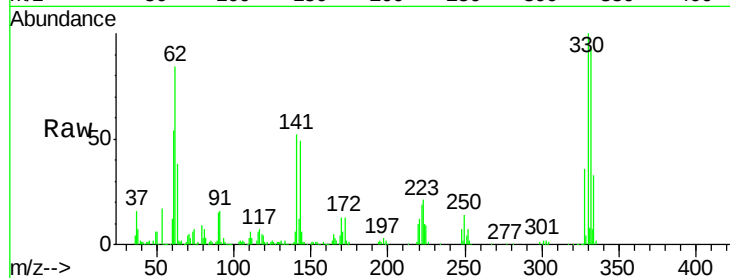




#41
 2,4,6-Tribromophenol
 Concen: 97.26 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG017125.D
 Acq: 14 May 2015 2:08

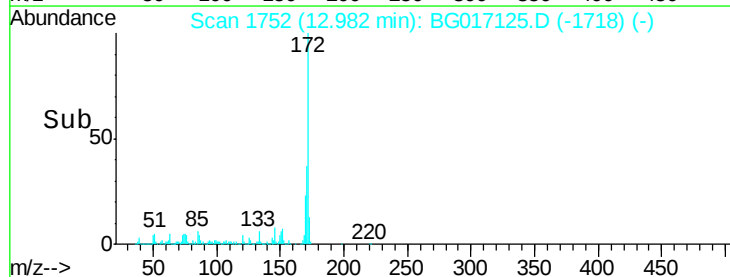
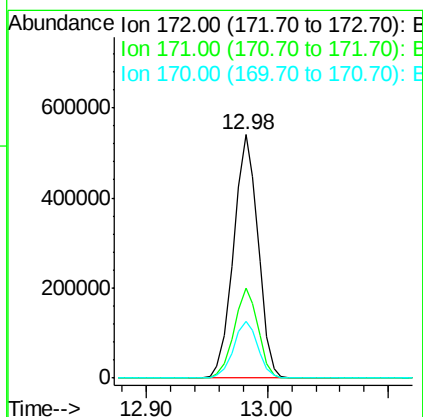
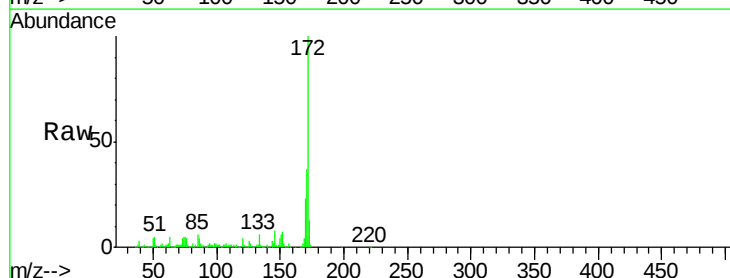
Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-04

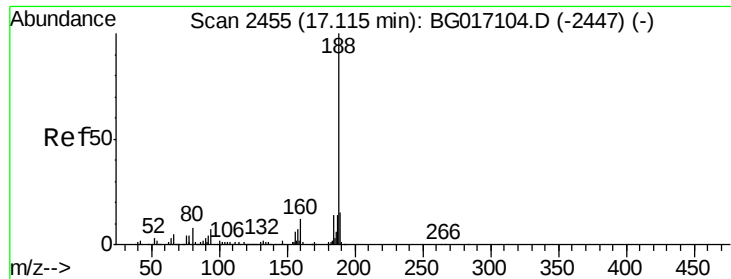
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	51.1	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 78.07 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017125.D
 Acq: 14 May 2015 2:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.1	18.4	27.6

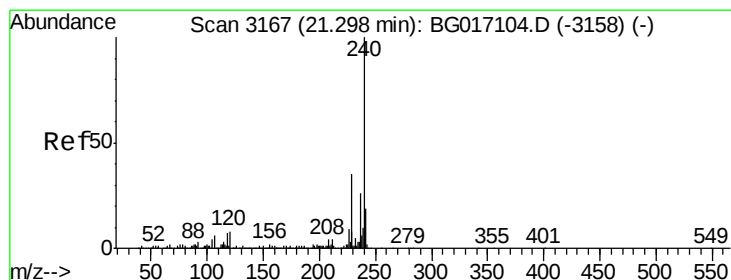
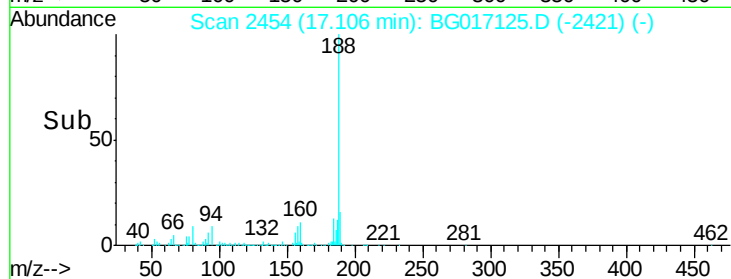
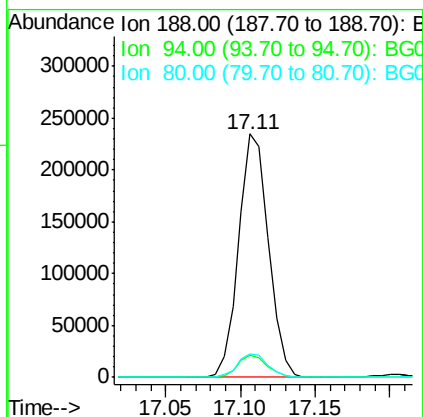
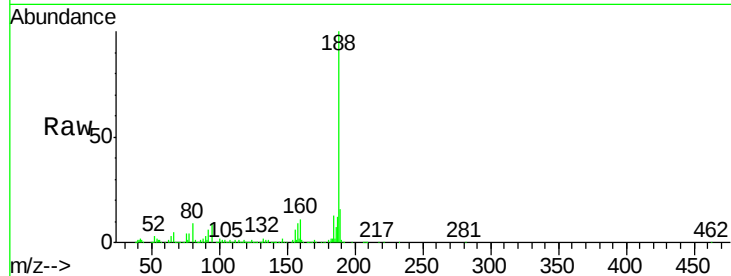




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017125.D
Acq: 14 May 2015 2:08

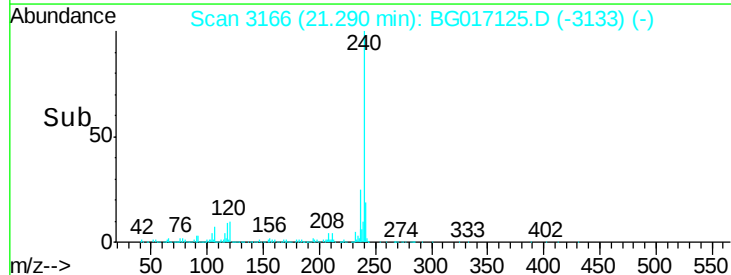
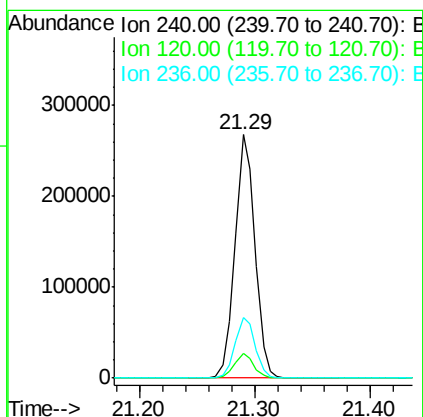
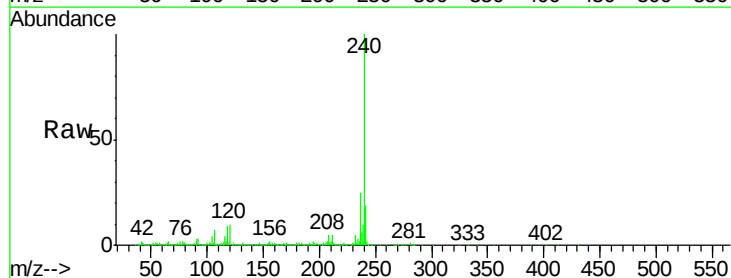
Instrument :
BNA_G
ClientSampleId :
TU012-TW-04

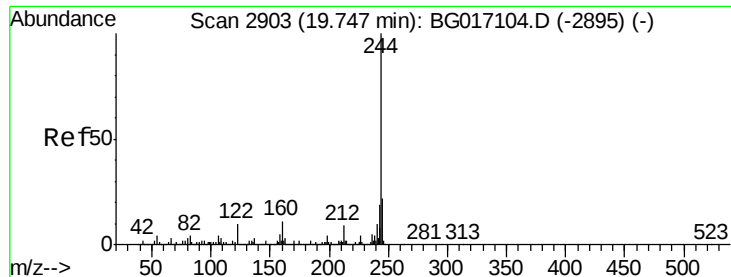
Tgt Ion:188 Resp: 326097
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 9.5 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017125.D
Acq: 14 May 2015 2:08

Tgt Ion:240 Resp: 320668
Ion Ratio Lower Upper
240 100
120 10.4 6.0 9.0#
236 24.9 20.5 30.7





#78

Terphenyl-d14

Concen: 79.82 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017125.D

Acq: 14 May 2015 2:08

Instrument :

BNA_G

ClientSampleId :

TU012-TW-04

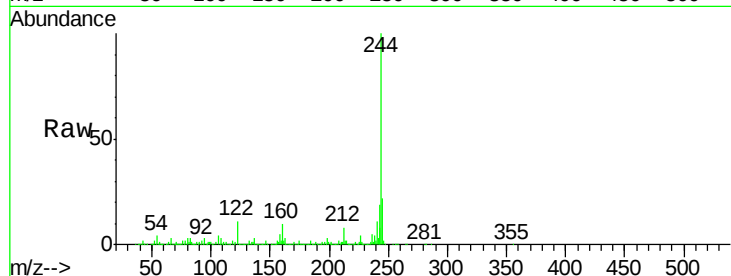
Tgt Ion:244 Resp: 1228327

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

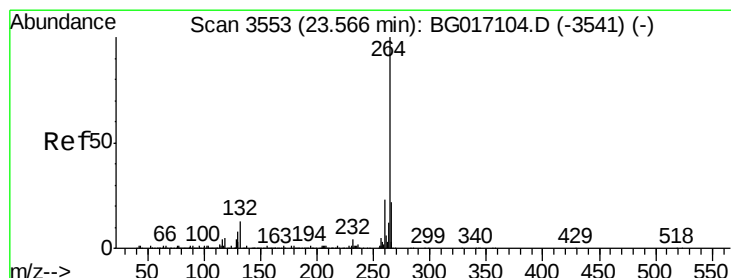
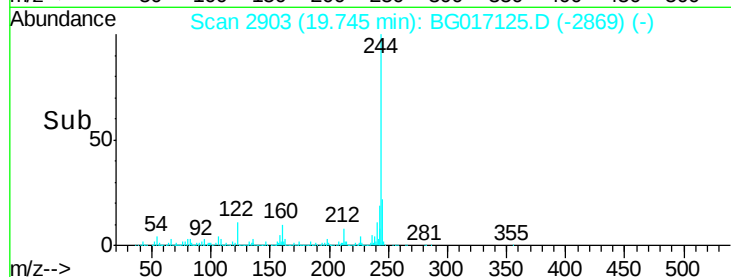
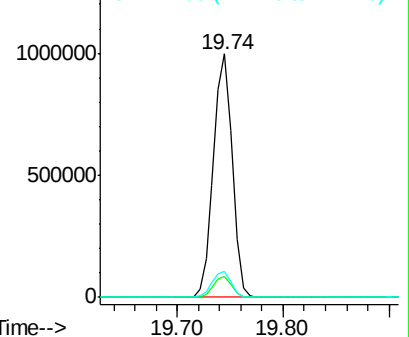
122 10.5 8.4 12.6



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: BG017125.D

Acq: 14 May 2015 2:08

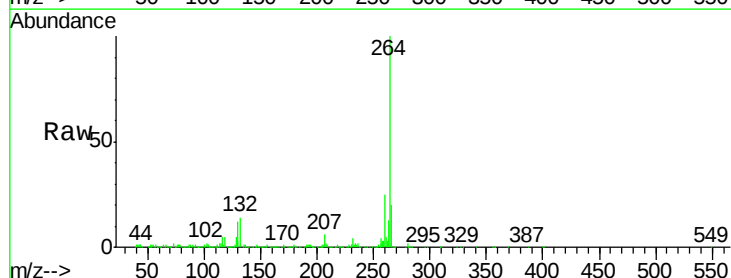
Tgt Ion:264 Resp: 309858

Ion Ratio Lower Upper

264 100

260 24.5 18.0 27.0

265 20.2 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

