

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017086.D
 Acq On : 12 May 2015 17:07
 Operator : TP/IZ
 Sample : G2194-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

Quant Time: May 13 03:47:56 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

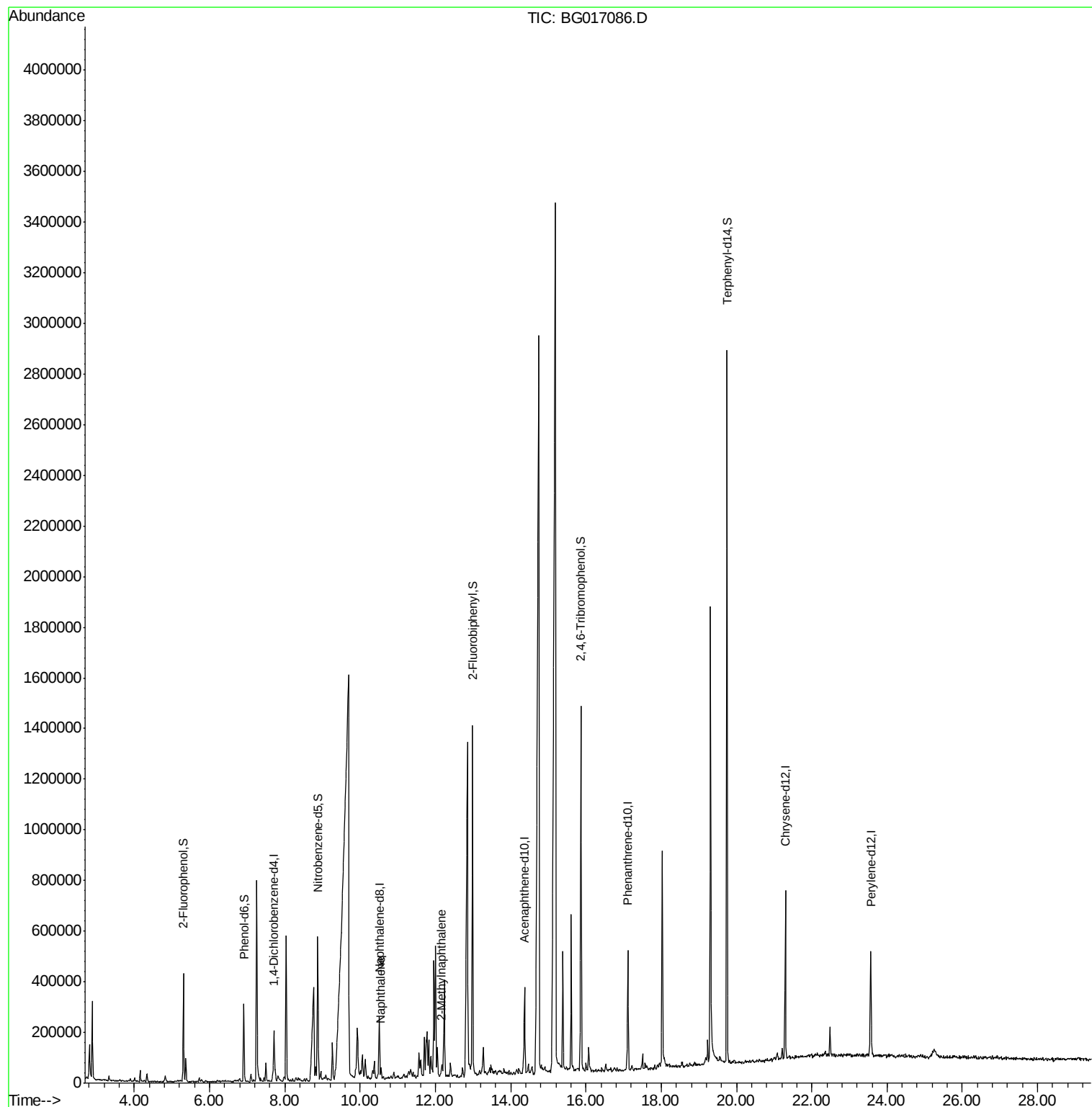
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	36561	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	146792	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	101907	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	246545	20.00	ng	0.00
75) Chrysene-d12	21.30	240	280684	20.00	ng	0.00
86) Perylene-d12	23.57	264	292177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	142858	68.04	ng	0.00
7) Phenol-d6	6.91	99	126862	42.29	ng	0.00
23) Nitrobenzene-d5	8.88	82	259961	86.52	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	205894	201.26	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	593186	87.84	ng	0.00
78) Terphenyl-d14	19.75	244	1110482	92.75	ng	0.00
Target Compounds						
31) Naphthalene	10.56	128	22553	3.09	ng	# 94
37) 2-Methylnaphthalene	12.18	142	13425	2.41	ng	# 89

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

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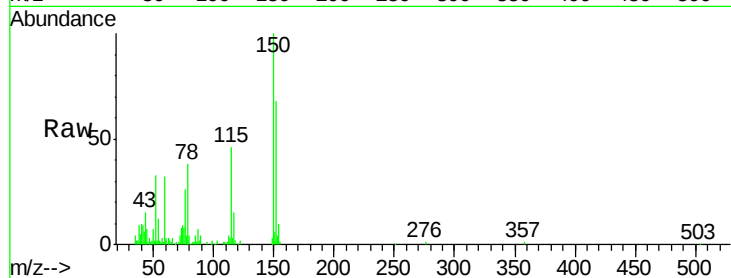


#1

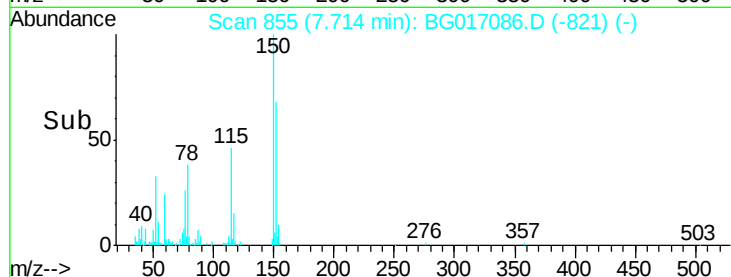
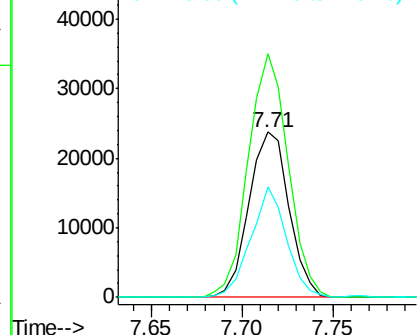
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

Tot Ion:152 Resp: 36561
Ion Ratio Lower Upper
152 100
150 147.6 121.0 181.4
115 67.3 50.5 75.7



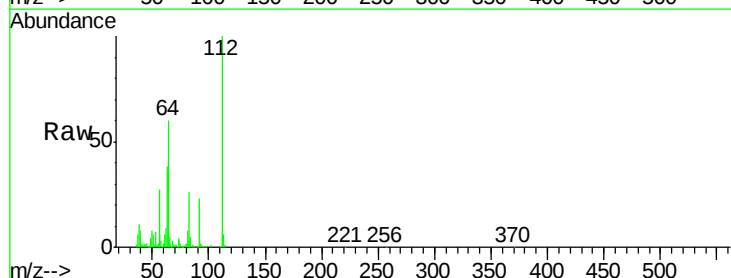
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



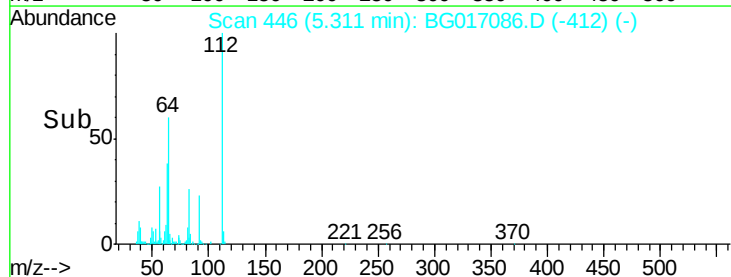
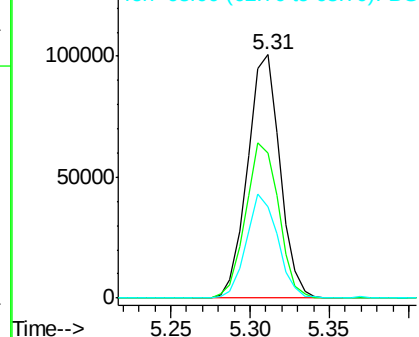
#5

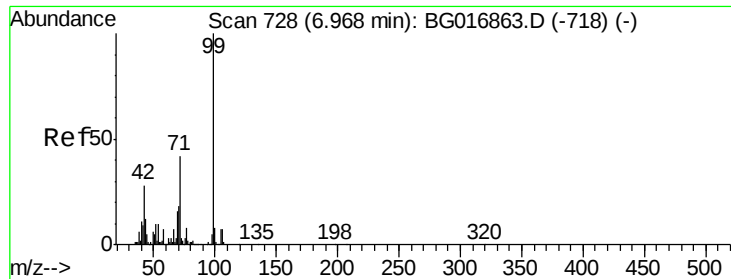
2-Fluorophenol
Concen: 68.04 ng
RT: 5.31 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Tgt Ion:112 Resp: 142858
Ion Ratio Lower Upper
112 100
64 59.7 51.4 77.2
63 37.5 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 42.29 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG017086.D

Acq: 12 May 2015 17:07

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

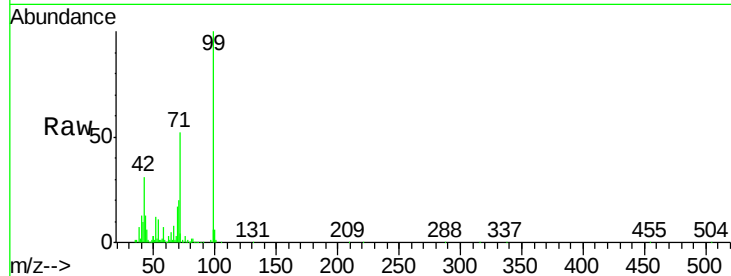
Tot Ion: 99 Resp: 126862

Ion Ratio Lower Upper

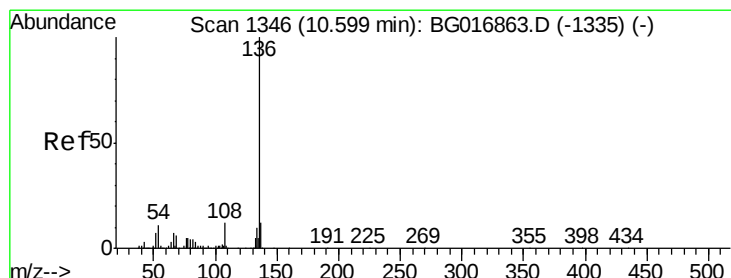
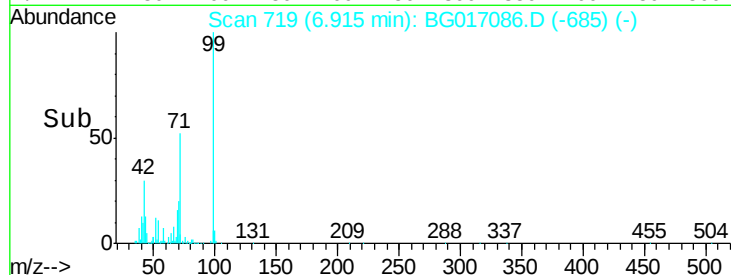
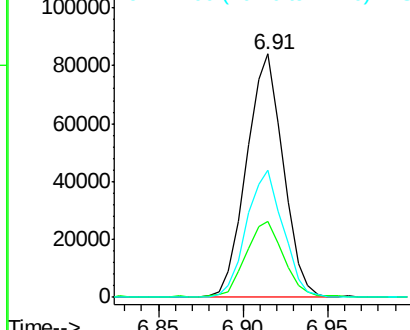
99 100

42 31.0 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: BG017086.D

Acq: 12 May 2015 17:07

Tgt Ion: 136 Resp: 146792

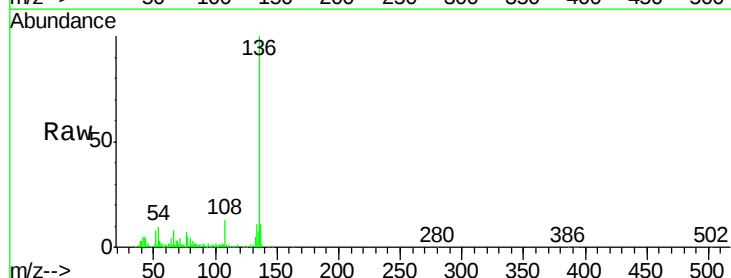
Ion Ratio Lower Upper

136 100

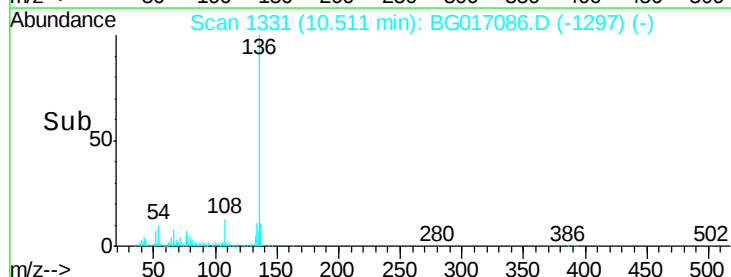
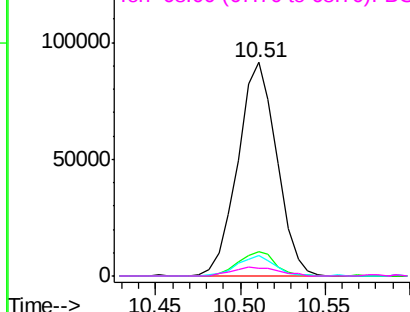
137 11.3 9.8 14.8

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

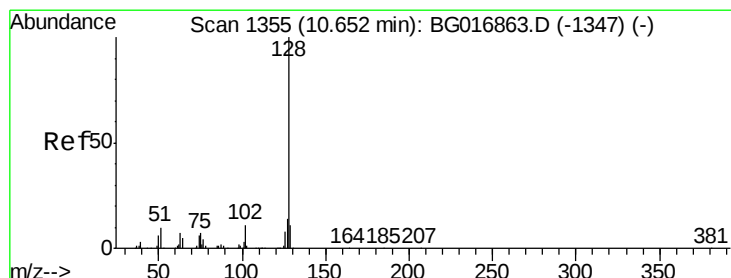
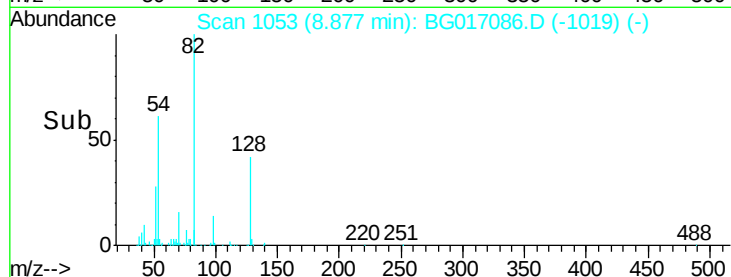
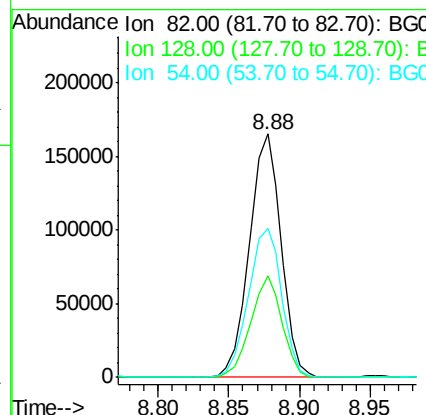
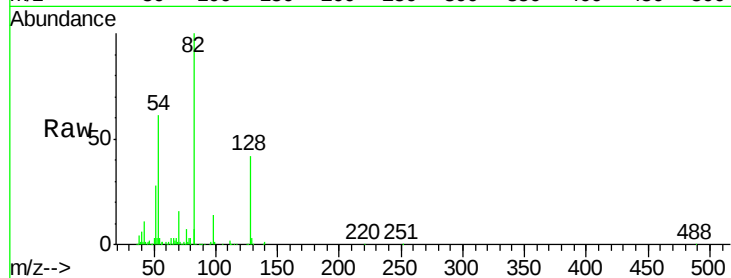




#23
 Nitrobenzene-d5
 Concen: 86.52 ng
 RT: 8.88 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG017086.D
 Acq: 12 May 2015 17:07

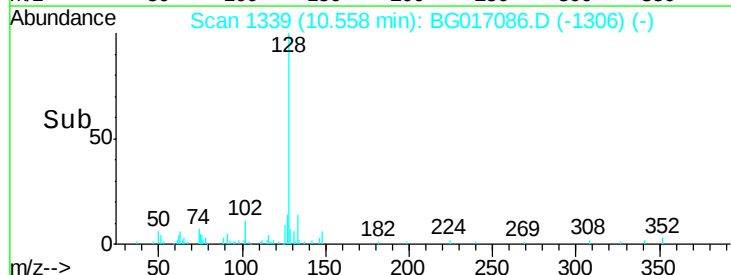
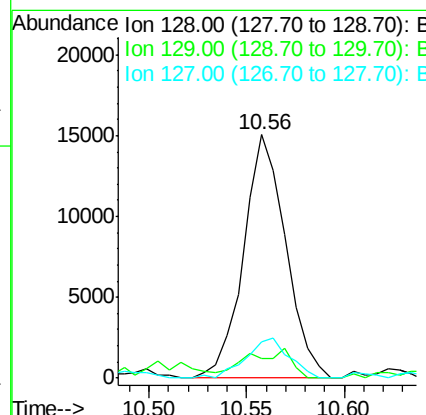
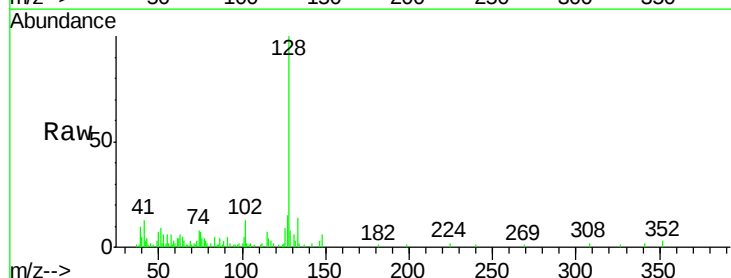
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

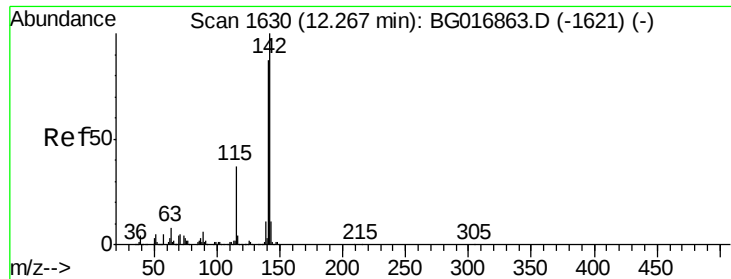
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	61.4	48.6	72.8



#31
 Naphthalene
 Concen: 3.09 ng
 RT: 10.56 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BG017086.D
 Acq: 12 May 2015 17:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.1	9.1	13.7#
127	15.1	10.9	16.3

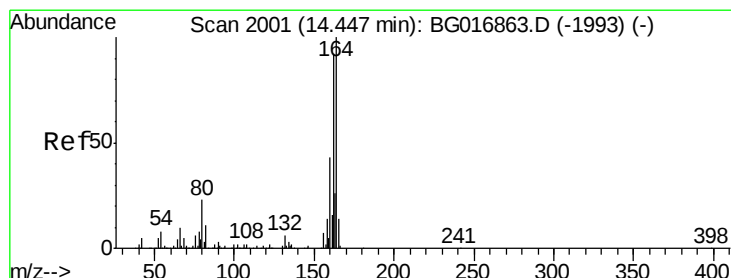
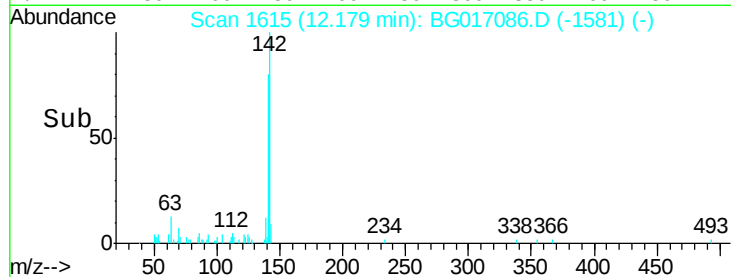
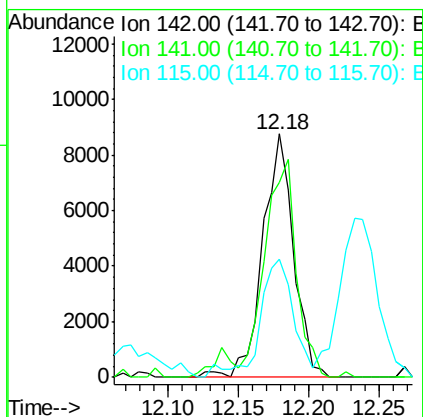
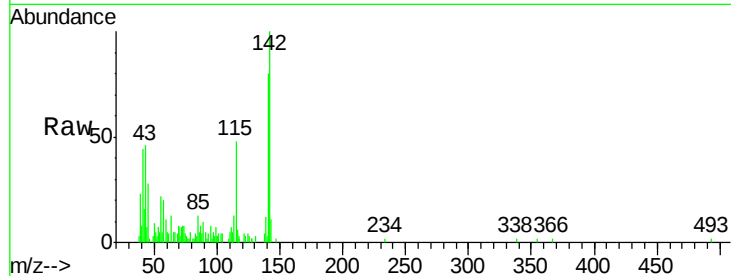




#37
2-Methylnaphthalene
Concen: 2.41 ng
RT: 12.18 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

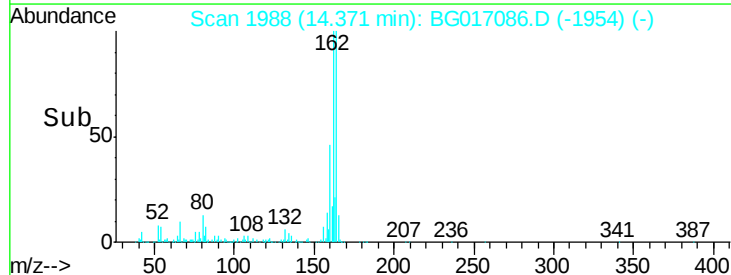
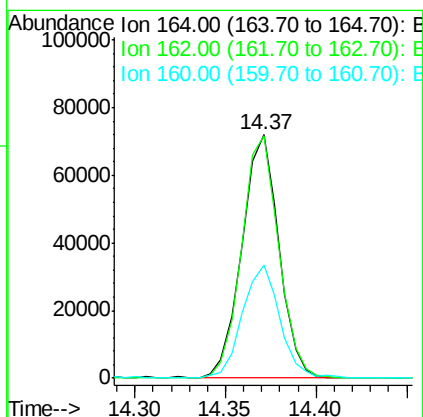
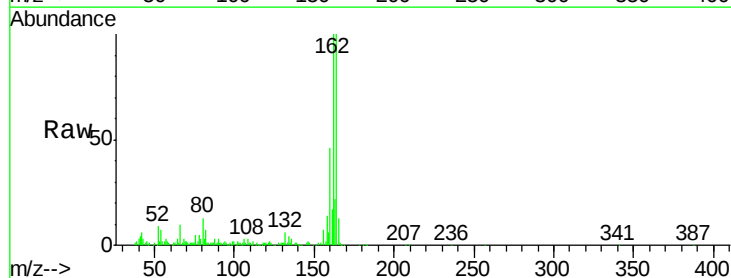
Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

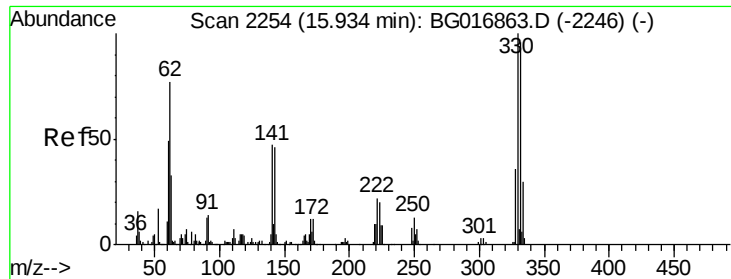
Tot Ion:142 Resp: 13425
Ion Ratio Lower Upper
142 100
141 80.1 69.9 104.9
115 48.3 29.8 44.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Tgt Ion:164 Resp: 101907
Ion Ratio Lower Upper
164 100
162 99.6 74.0 111.0
160 46.4 34.7 52.1

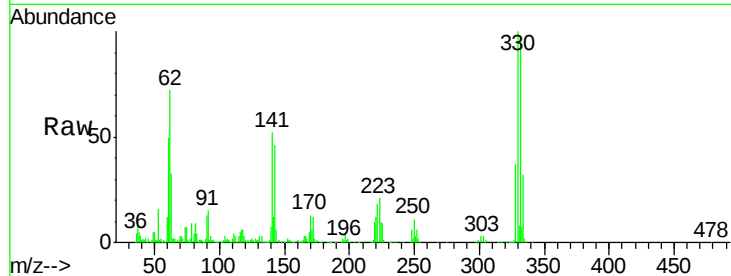




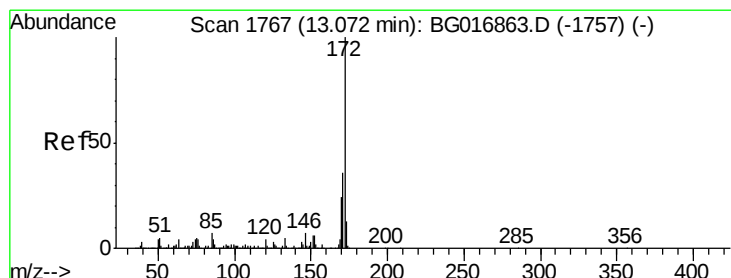
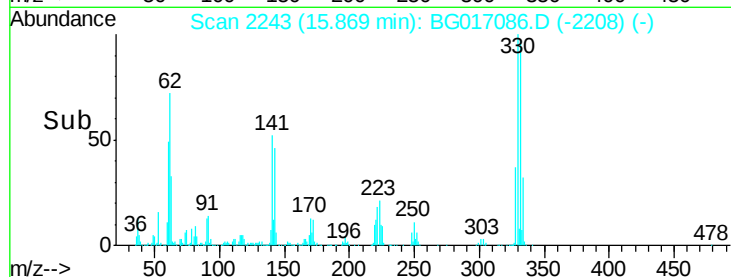
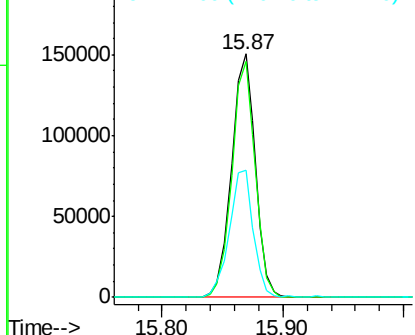
#41
 2,4,6-Tribromophenol
 Concen: 201.26 ng
 RT: 15.87 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BG017086.D
 Acq: 12 May 2015 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

Tot Ion:330 Resp: 205894
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 52.1 0.0 0.0#

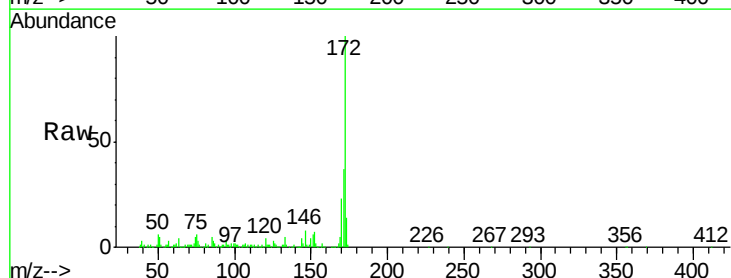


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

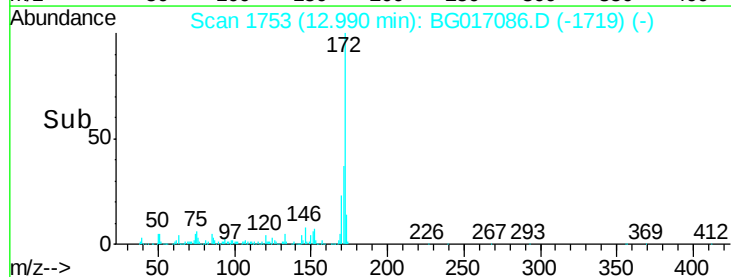
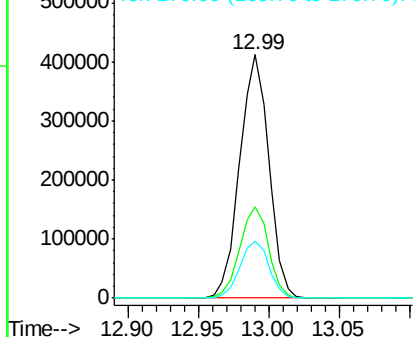


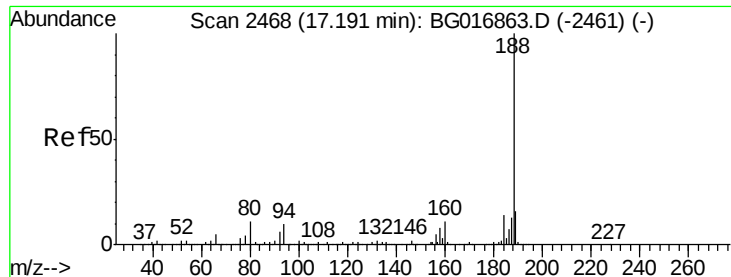
#44
 2-Fluorobiphenyl
 Concen: 87.84 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG017086.D
 Acq: 12 May 2015 17:07

Tgt Ion:172 Resp: 593186
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.4
 170 23.0 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

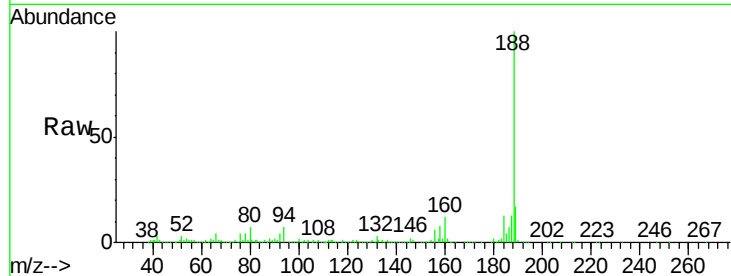




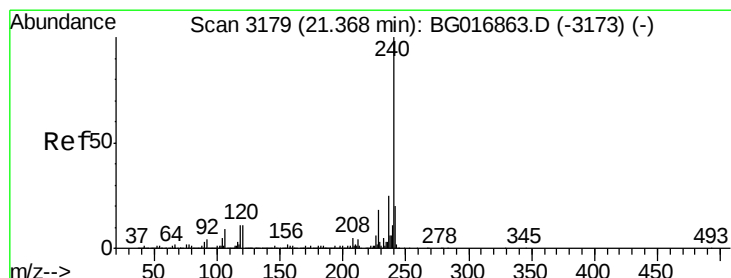
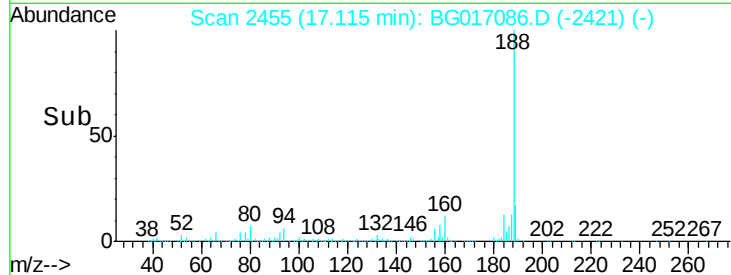
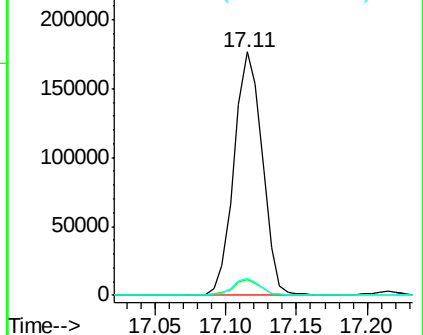
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.2	12.4#
80	7.2	8.8	13.2#

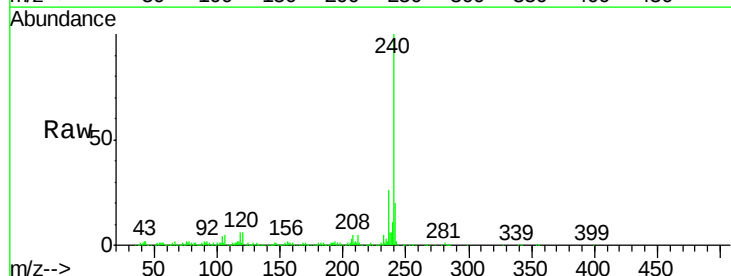


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

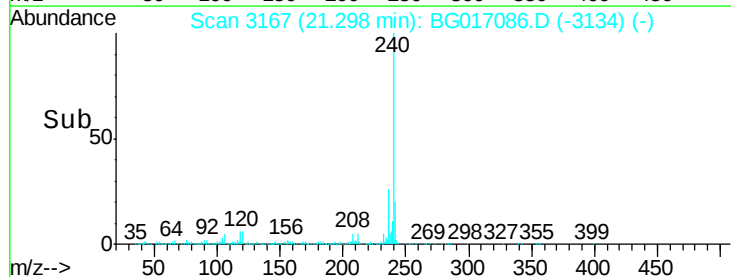
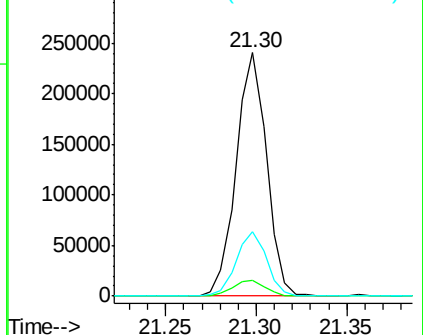


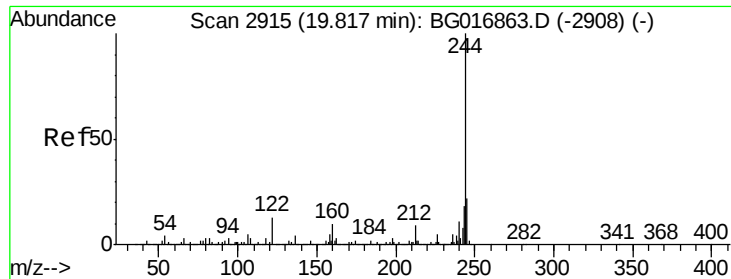
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.1	13.7#
236	26.3	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: 92.75 ng

RT: 19.75 min Scan# 2903

Delta R.T. 0.00 min

Lab File: BG017086.D

Acq: 12 May 2015 17:07

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

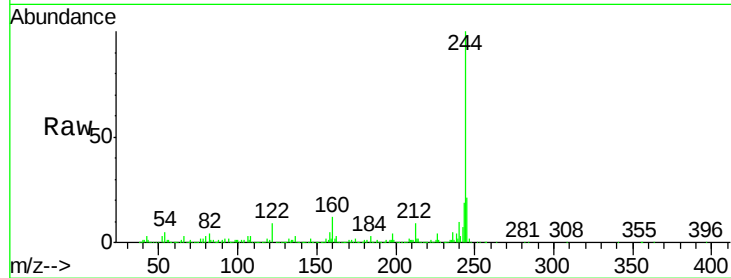
Tot Ion:244 Resp: 1110482

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.3	10.4	15.6

244 100

212 9.0 7.0 10.6

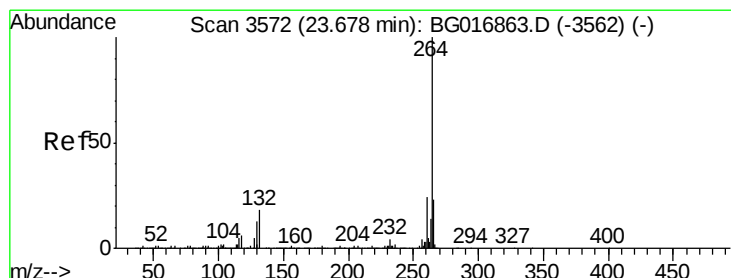
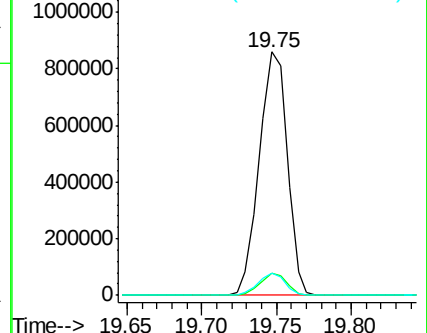
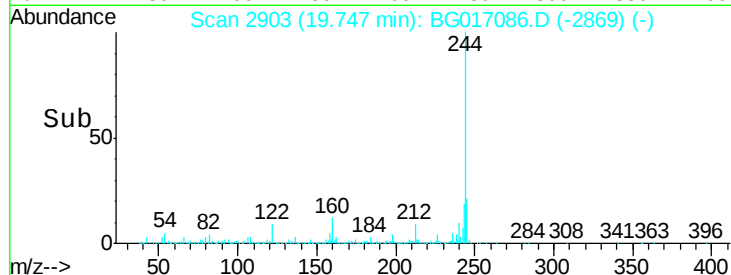
122 9.3 10.4 15.6



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: 23.57 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG017086.D

Acq: 12 May 2015 17:07

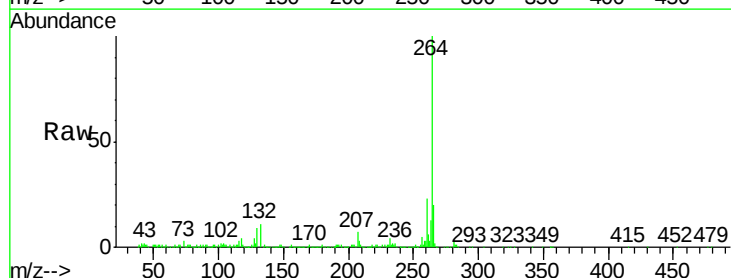
Tgt Ion:264 Resp: 292177

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	19.7	18.5	27.7

264 100

260 23.4 19.5 29.3

265 19.7 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

