

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 03:41:35 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

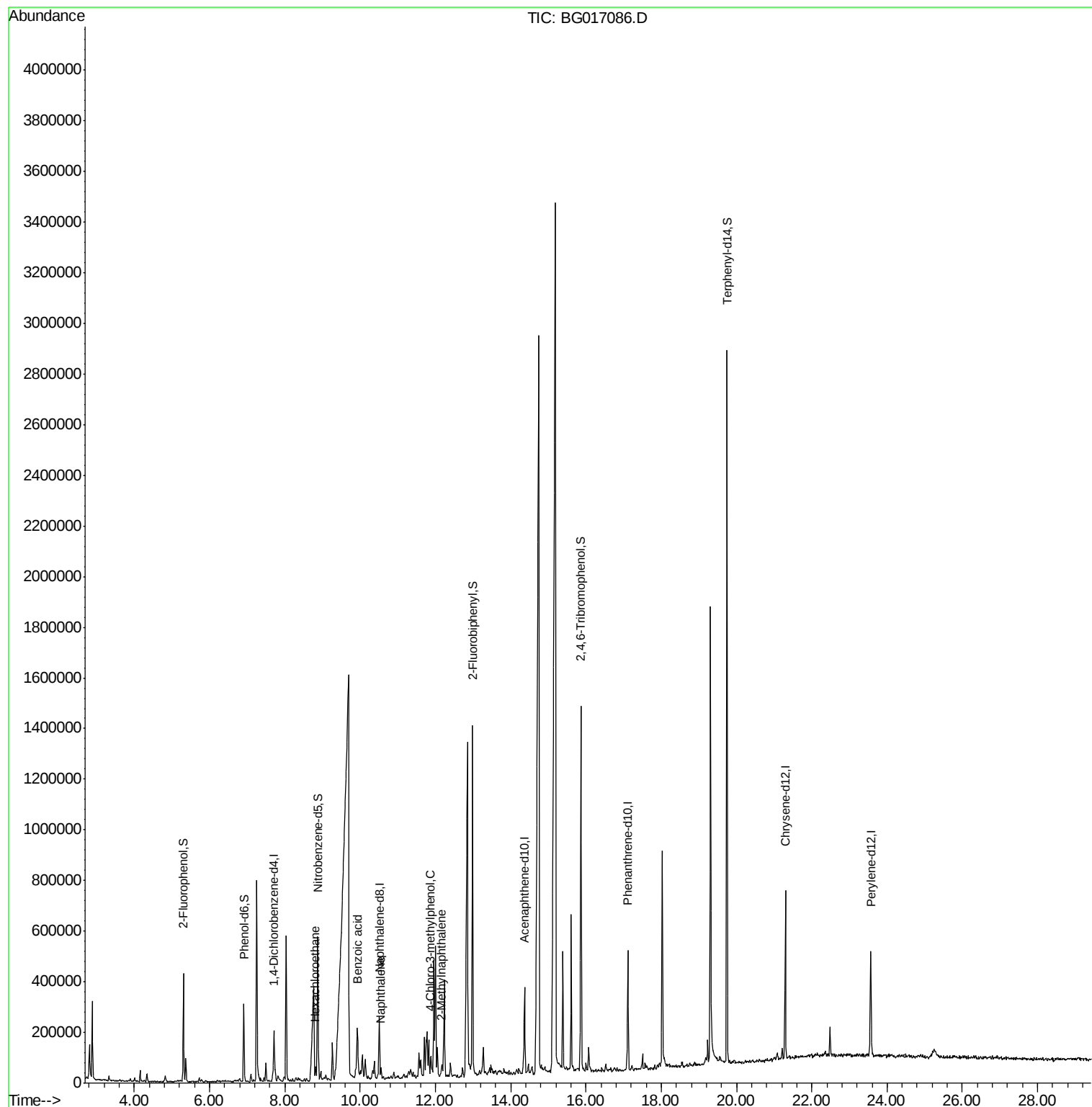
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	36561	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	146792	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	101907	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	246545	20.00	ng	0.00
75) Chrysene-d12	21.30	240	280684	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						
18) Hexachloroethane	8.82	117	3693	3.31	ng	# 1
31) Naphthalene	10.56	128	22553	3.09	ng	# 94
32) Benzoic acid	9.93	122	13252	12.96	ng	# 86
36) 4-Chloro-3-methylphenol	11.88	107	7275	2.69	ng	# 19
37) 2-Methylnaphthalene	12.18	142	13425	2.41	ng	# 89

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

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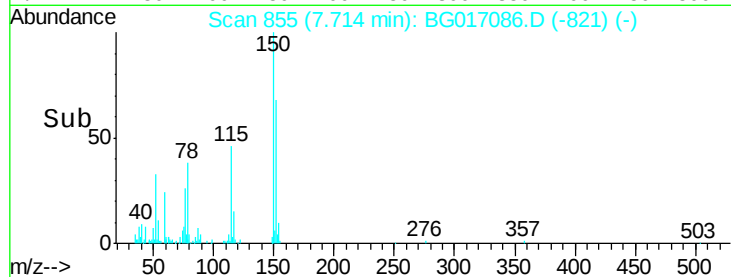
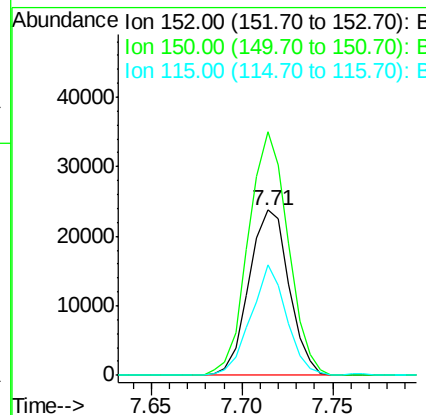
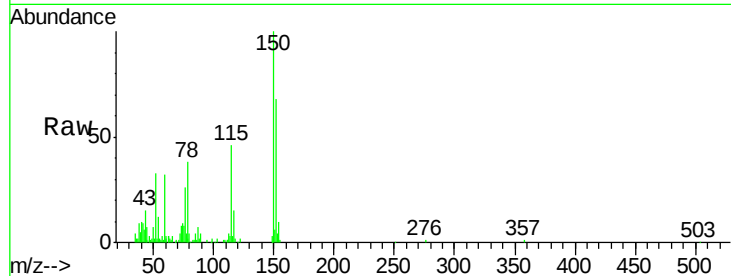


#1

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

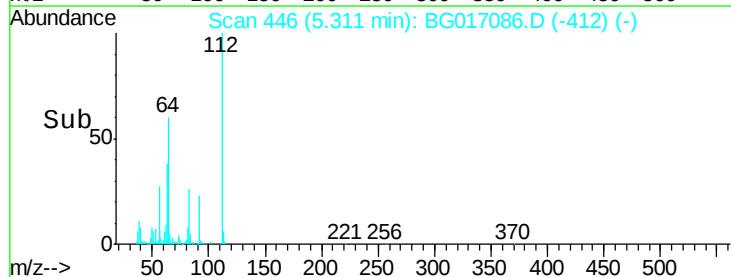
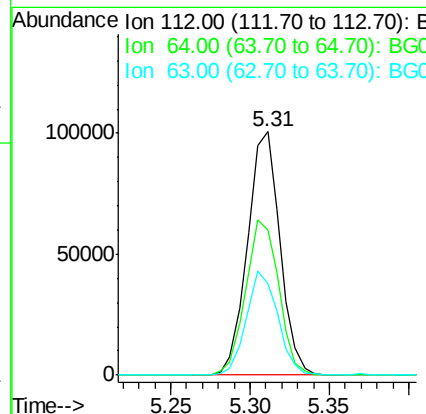
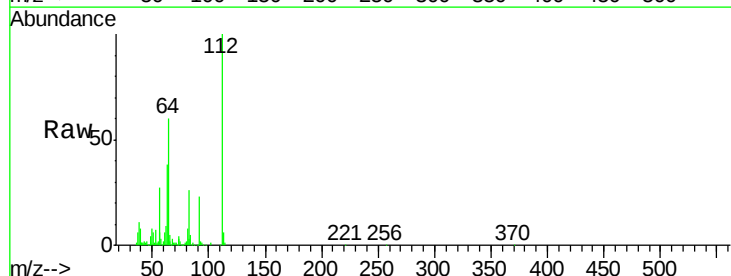
Tgt Ion:152 Resp: 36561
Ion Ratio Lower Upper
152 100
150 147.6 121.0 181.4
115 67.3 50.5 75.7

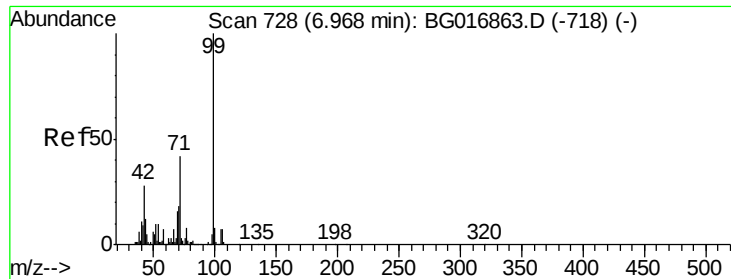


#5

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





#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

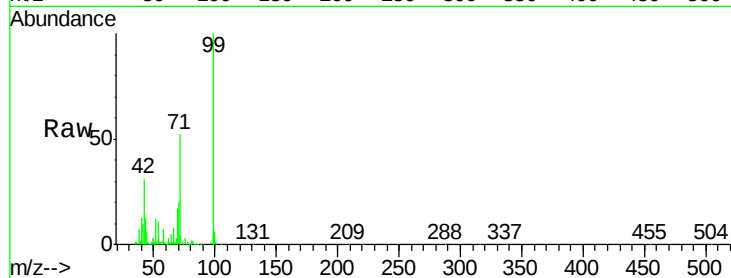
Tgt Ion: 99 Resp: 126862

Ion Ratio Lower Upper

99 100

42 31.0 22.1 33.1

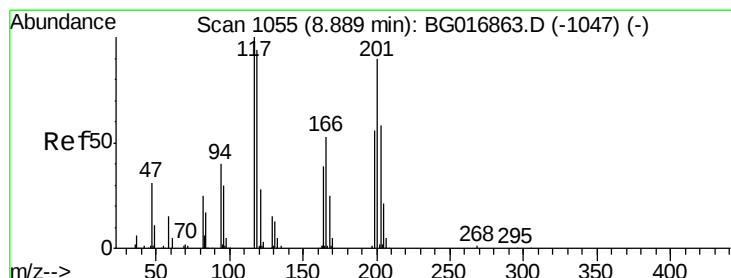
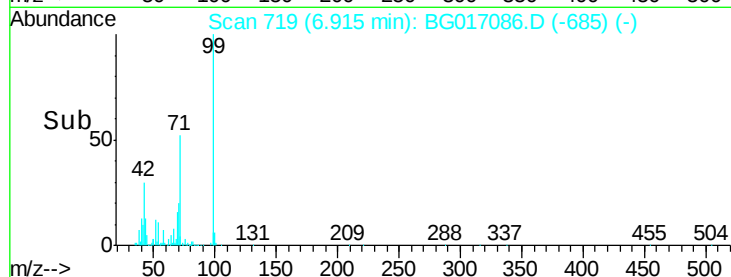
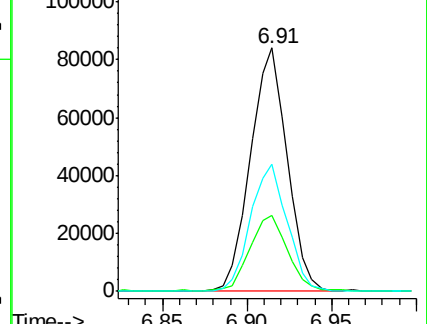
71 52.4 33.4 50.0#



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



#18

Hexachloroethane

Concen: 3.31 ng

RT: 8.82 min Scan# 1043

Delta R.T. 0.03 min

Lab File: BG017086.D

Acq: 12 May 2015 17:07

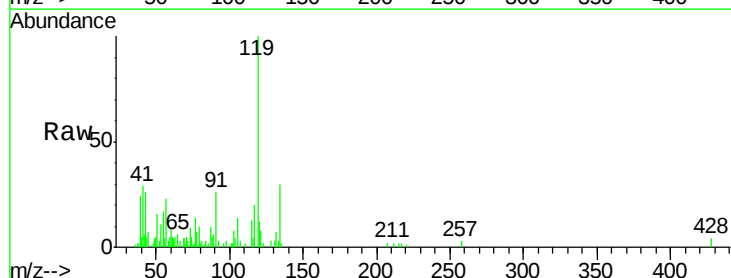
Tgt Ion: 117 Resp: 3693

Ion Ratio Lower Upper

117 100

119 501.0 74.8 112.2#

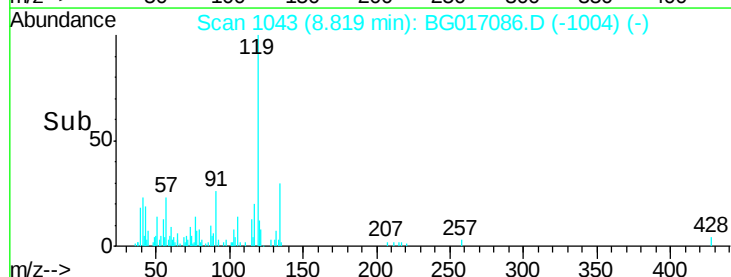
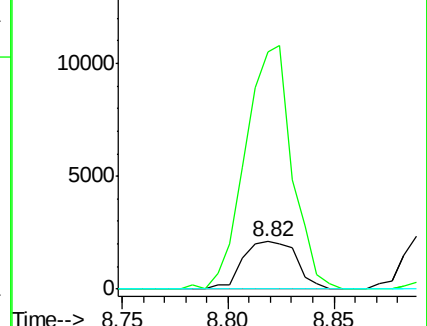
201 0.0 72.1 108.1#

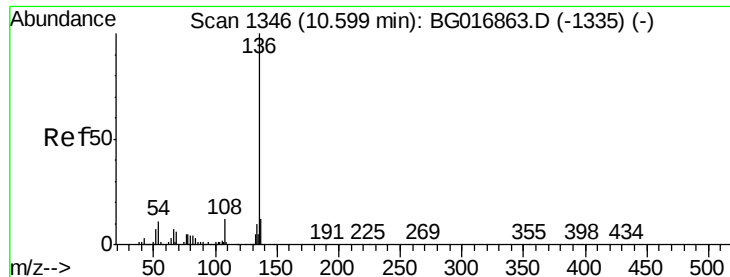


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

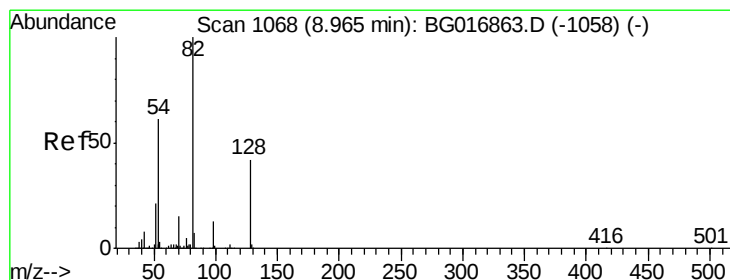
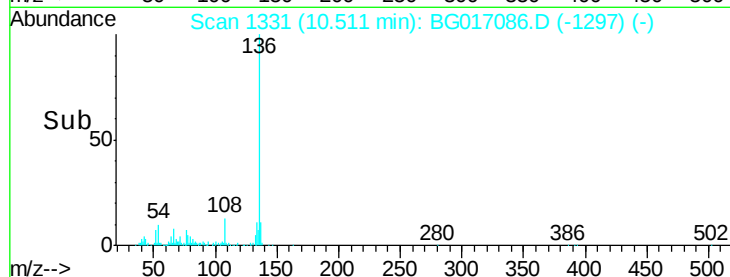
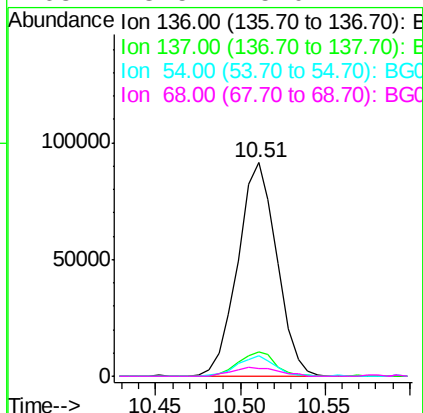
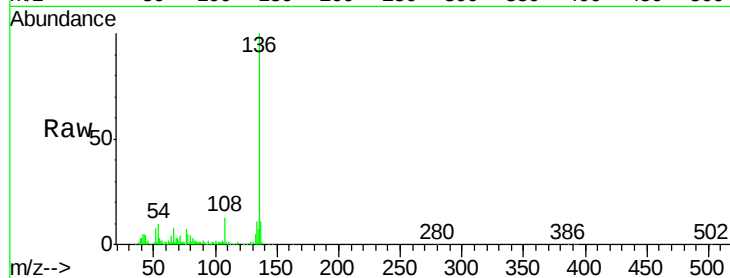




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

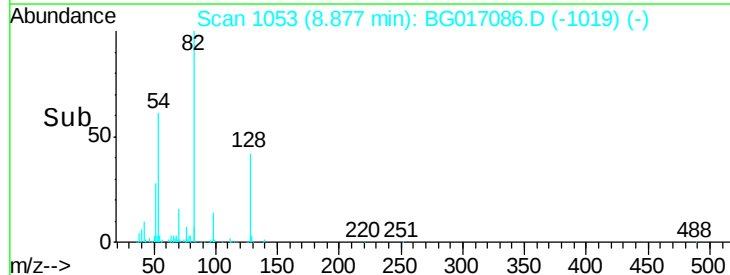
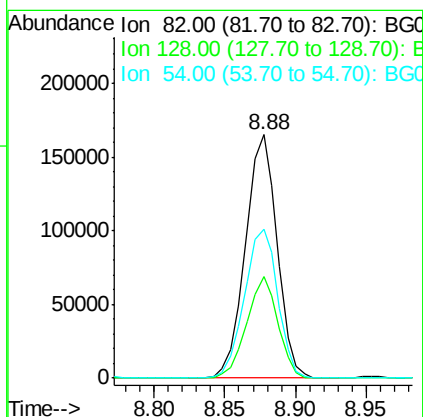
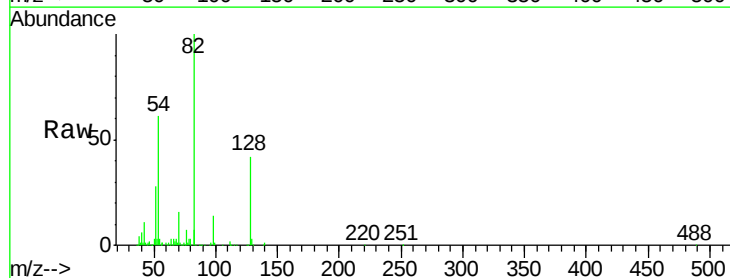
Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

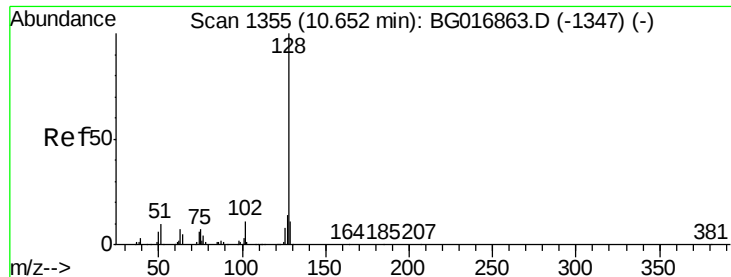
Tgt Ion:	136	Resp:	146792
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	9.8	8.7	13.1
68	3.5	5.0	7.4#



#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

Tgt Ion:	82	Resp:	259961
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	61.4	48.6	72.8

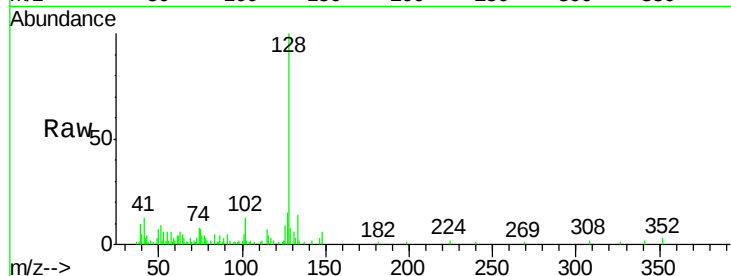




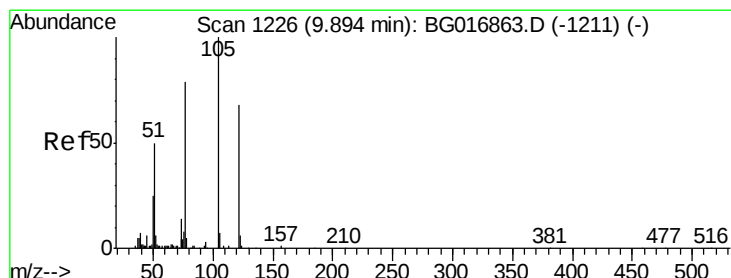
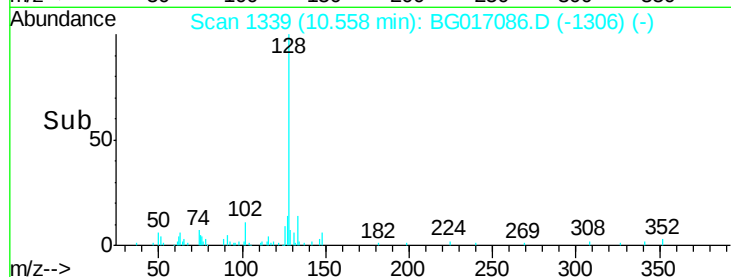
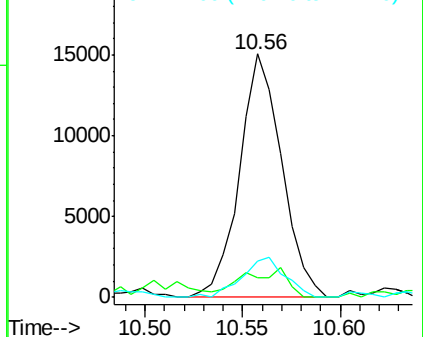
#31
Naphthalene
Concen: 3.09 ng
RT: 10.56 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

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

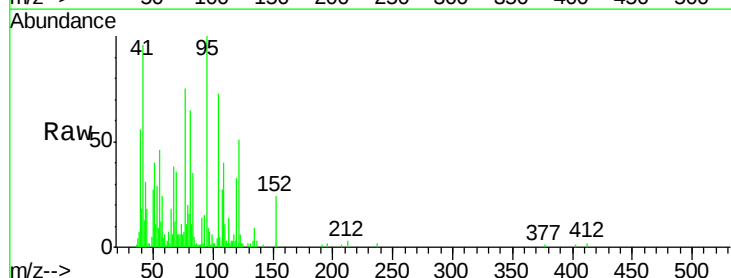


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

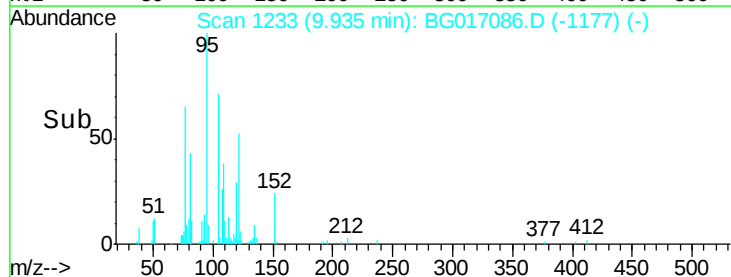
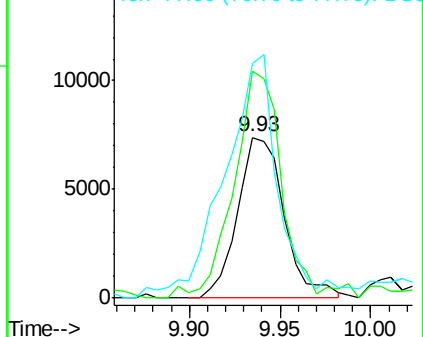


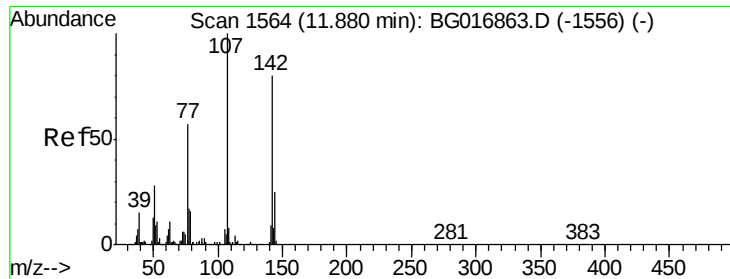
#32
Benzoic acid
Concen: 12.96 ng
RT: 9.93 min Scan# 1233
Delta R.T. 0.13 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.5	123.2	163.2
77	145.9	93.0	133.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

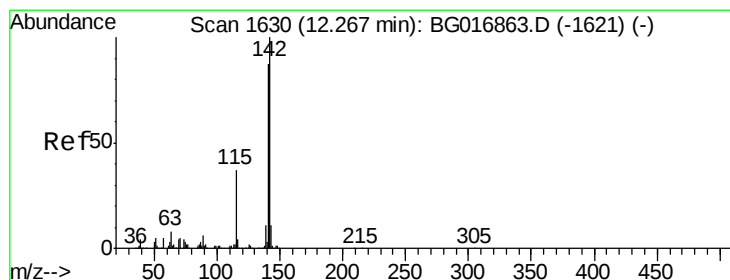
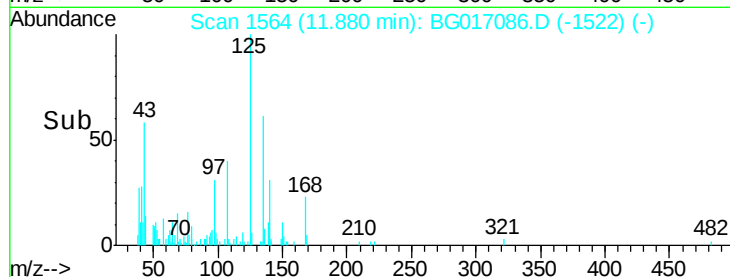
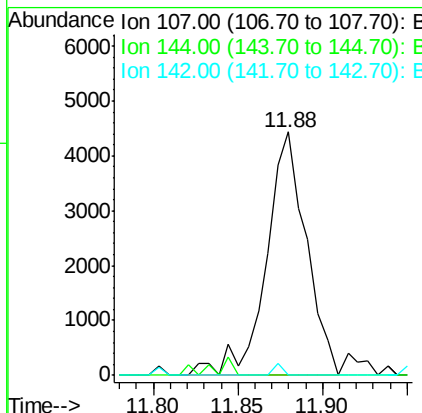
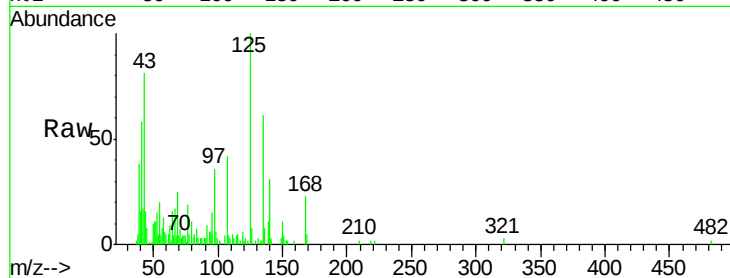




#36
 4-Chloro-3-methylphenol
 Concen: 2.69 ng
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.05 min
 Lab File: BG017086.D
 Acq: 12 May 2015 17:07

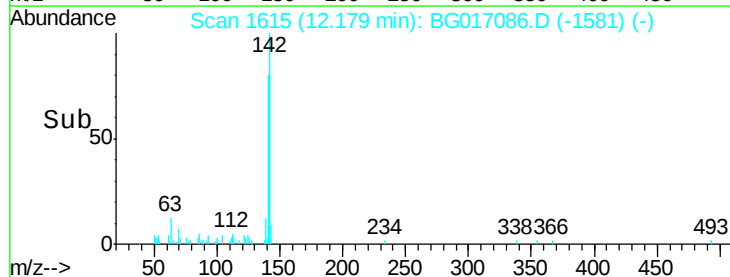
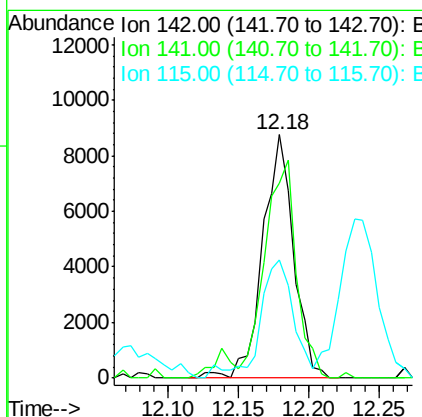
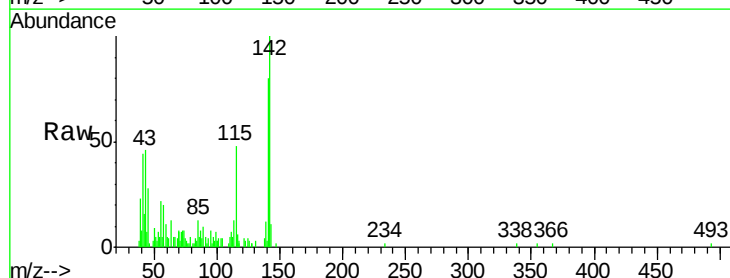
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

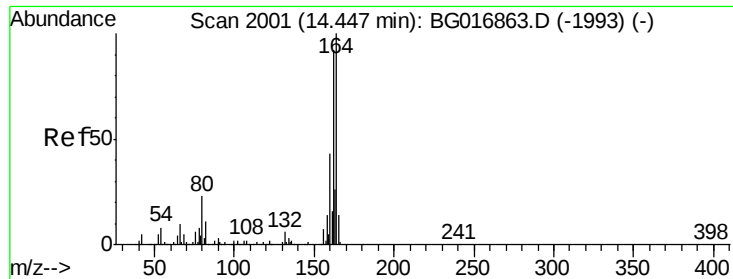
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.2	30.2#
142	0.0	64.2	96.2#



#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

Tgt 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

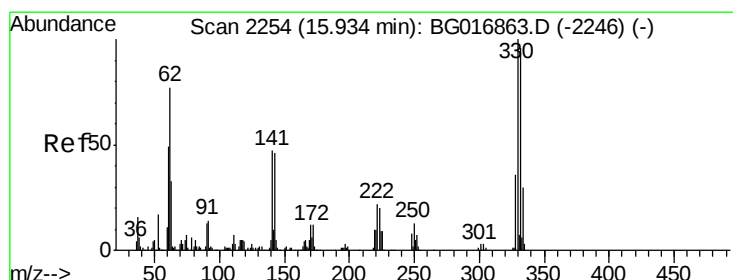
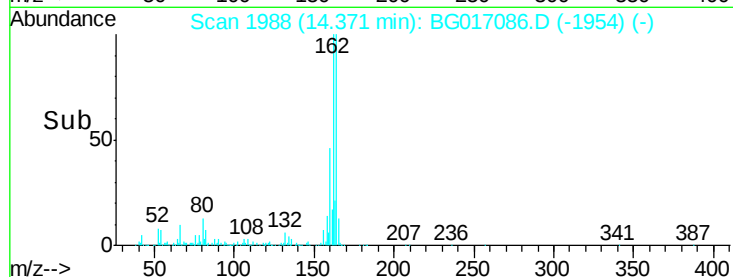
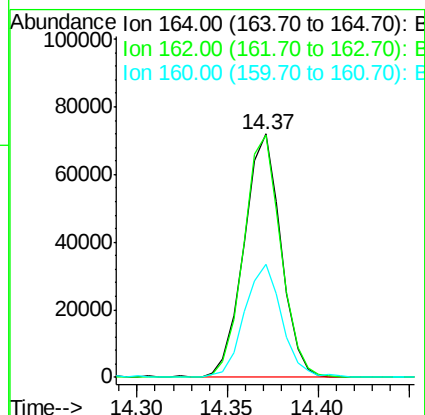
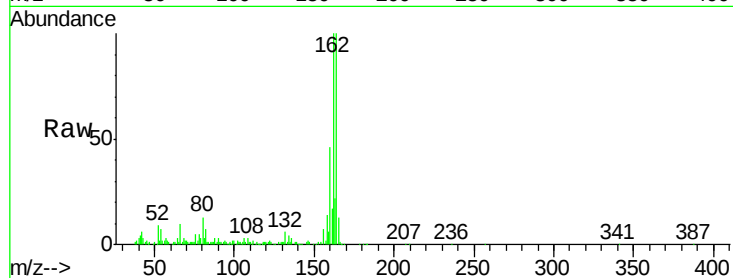
Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

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

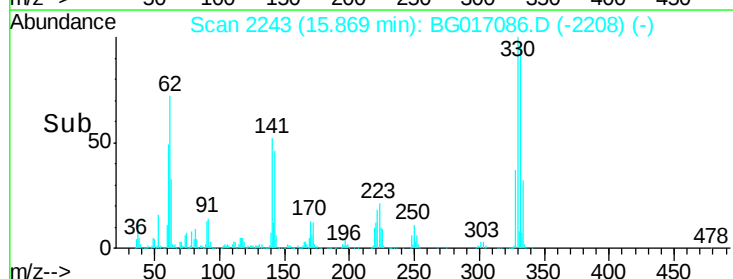
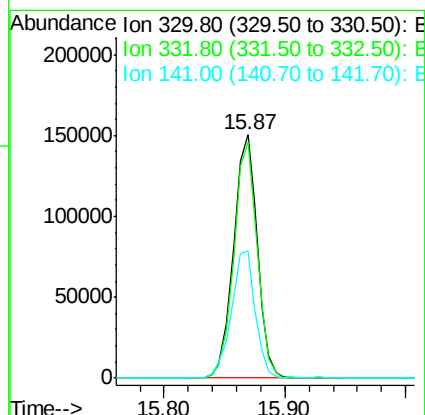
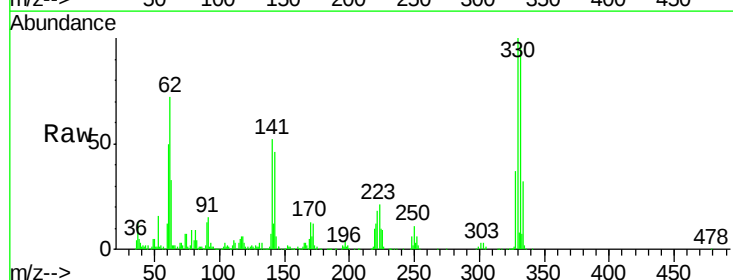
RT: 15.87 min Scan# 2243

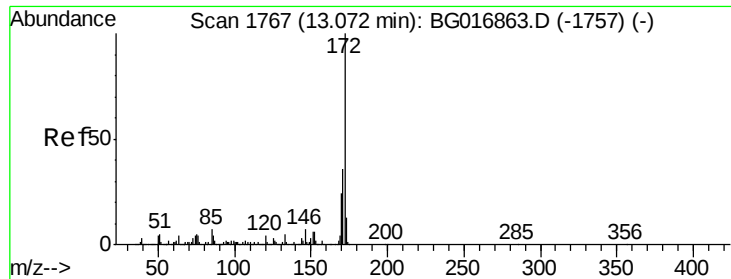
Delta R.T. 0.01 min

Lab File: BG017086.D

Acq: 12 May 2015 17:07

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

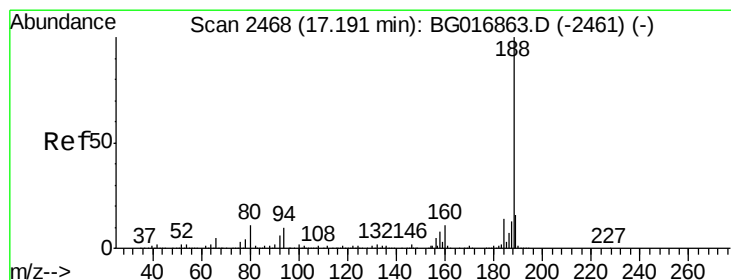
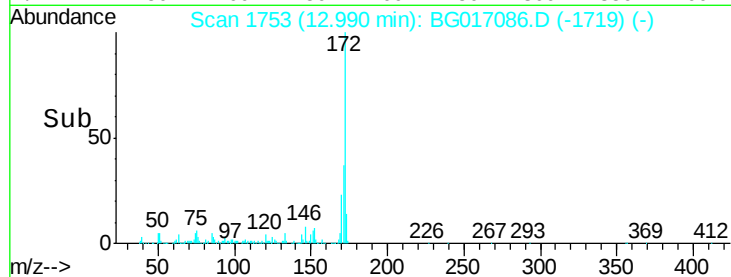
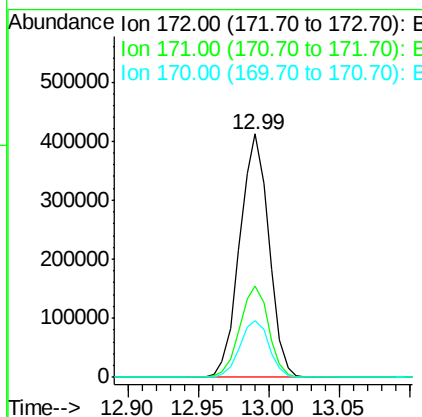
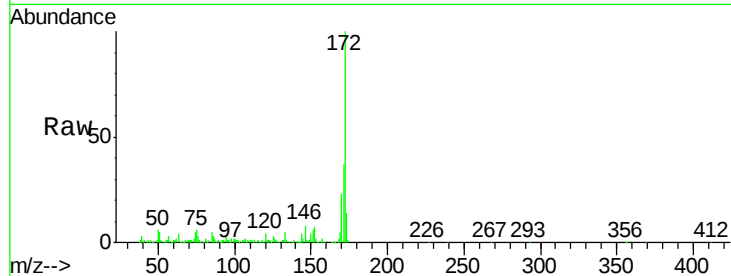




#44
 2-Fluorobiphenyl
 Concen: 87.84 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG017086.D
 Acq: 12 May 2015 17:07

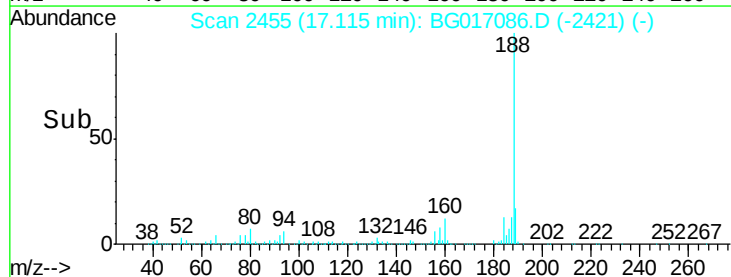
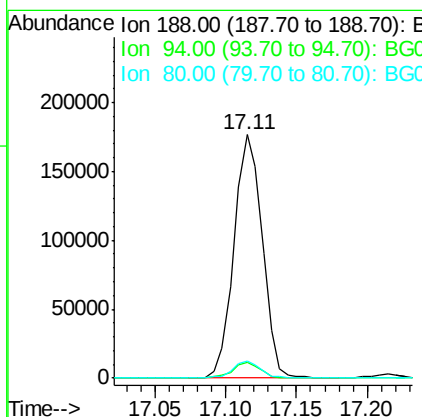
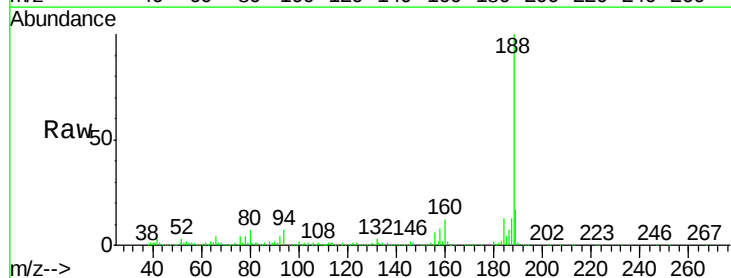
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

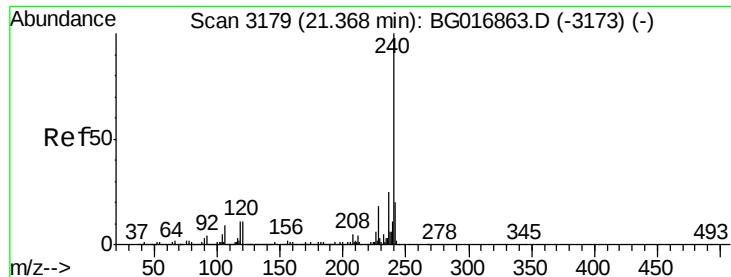
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	23.0	19.0	28.4



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

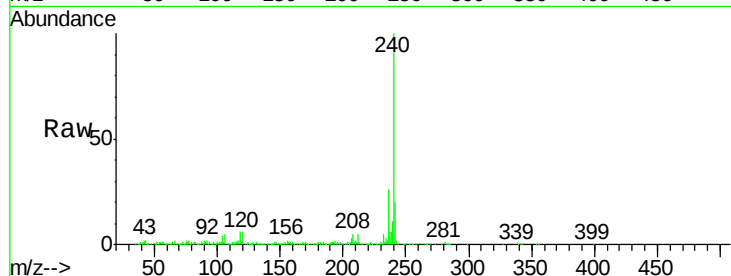
Tgt Ion:240 Resp: 280684

Ion Ratio Lower Upper

240 100

120 6.3 9.1 13.7#

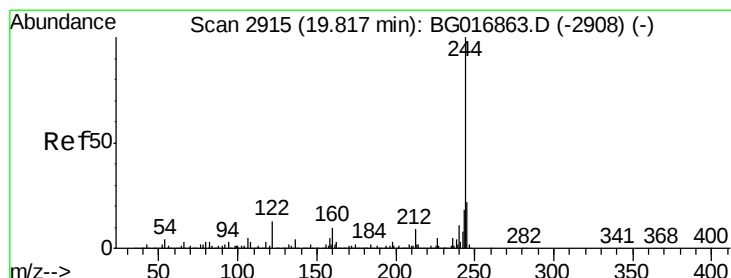
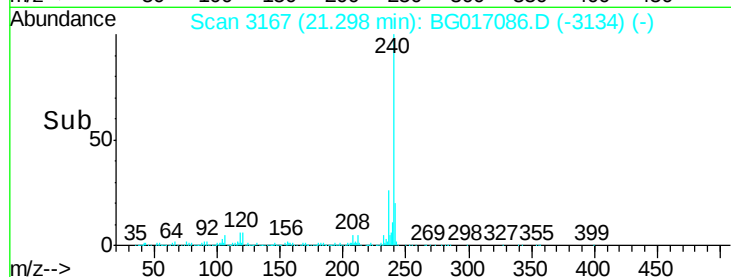
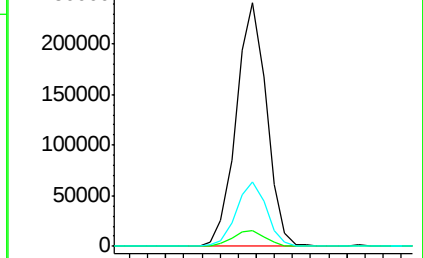
236 26.3 20.2 30.4



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

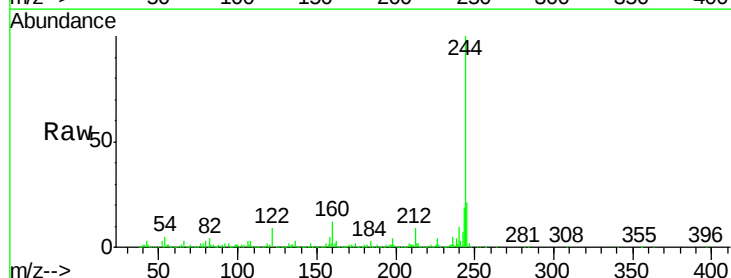
Tgt Ion:244 Resp: 1110482

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

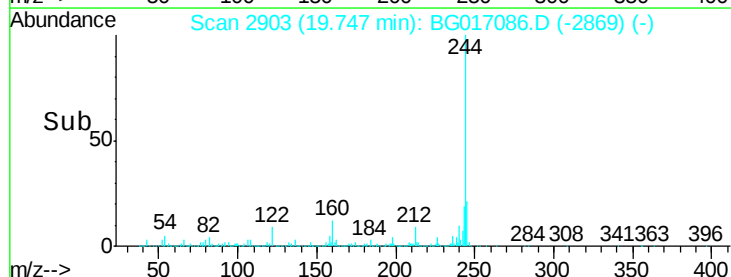
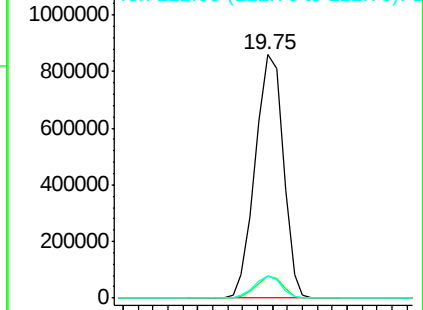
122 9.3 10.4 15.6#

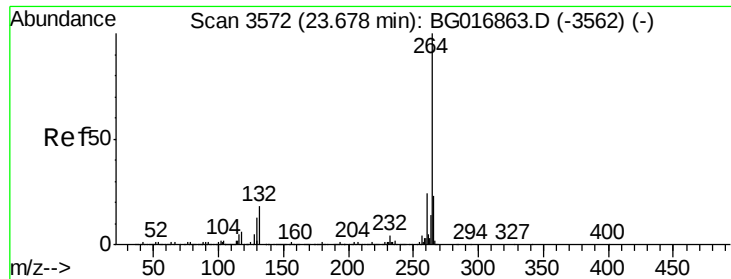


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

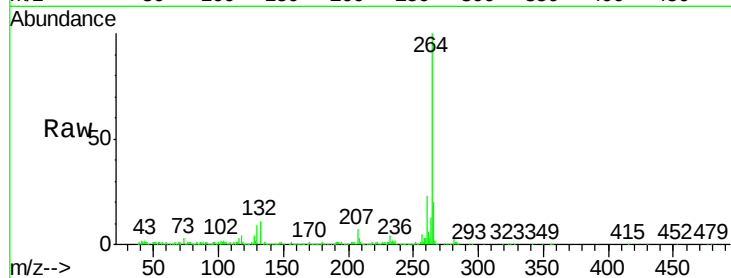




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG017086.D
Acq: 12 May 2015 17:07

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

Tgt Ion	Ratio	Lower	Upper
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

