

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017087.D
 Acq On : 12 May 2015 17:42
 Operator : TP/IZ
 Sample : G2194-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

Quant Time: May 13 03:55:09 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	7.72	152	34174	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	140574	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	96899	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	238591	20.00	ng	0.00
75) Chrysene-d12	21.29	240	254872	20.00	ng	0.00
86) Perylene-d12	23.56	264	261336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	134618	68.59	ng	0.00
7) Phenol-d6	6.92	99	109120	38.92	ng	0.00
23) Nitrobenzene-d5	8.88	82	271405	94.32	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	231757	238.24	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	633919	98.72	ng	0.00
78) Terphenyl-d14	19.75	244	1188689	109.33	ng	0.00

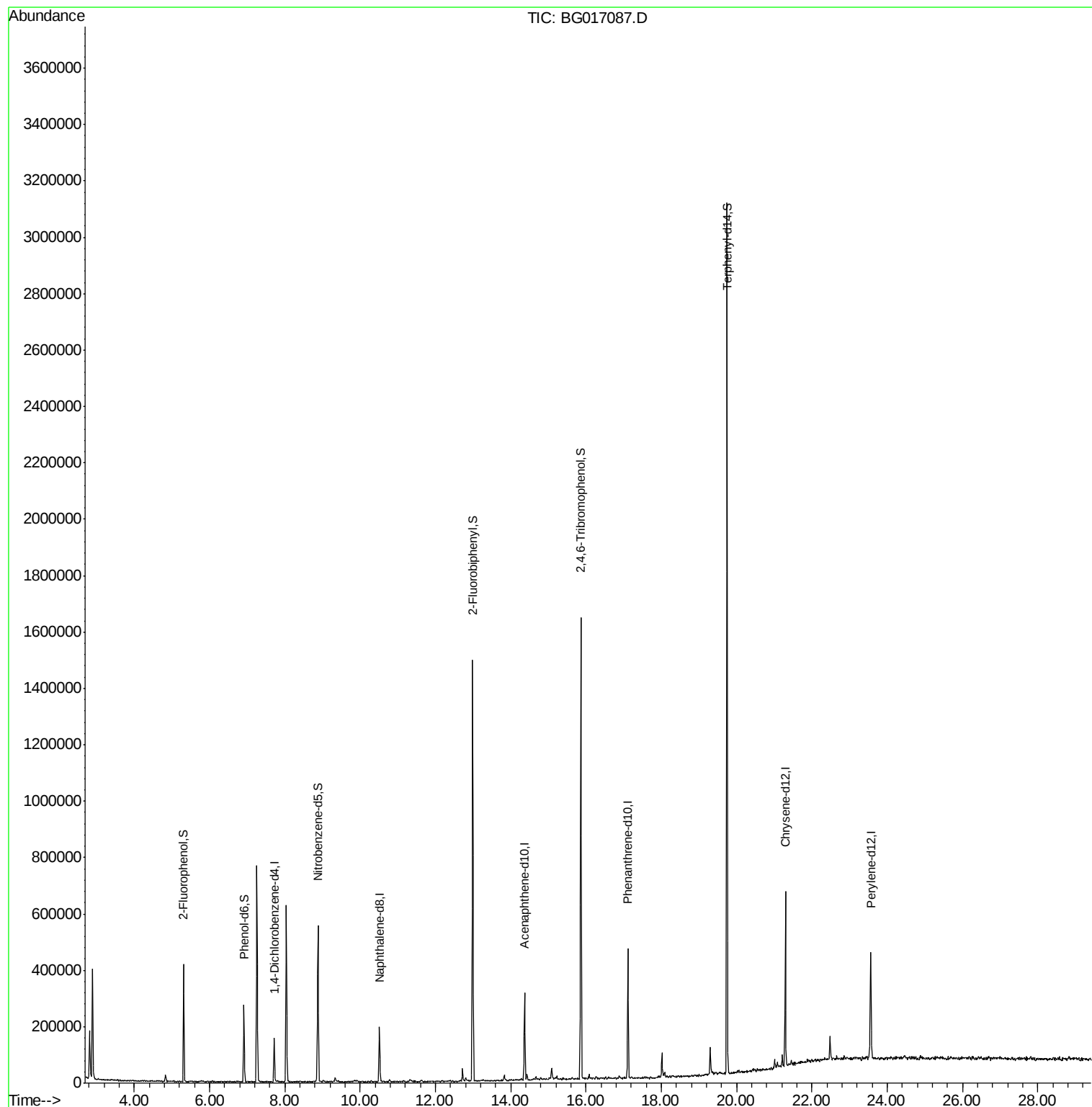
Target Compounds Qvalue

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

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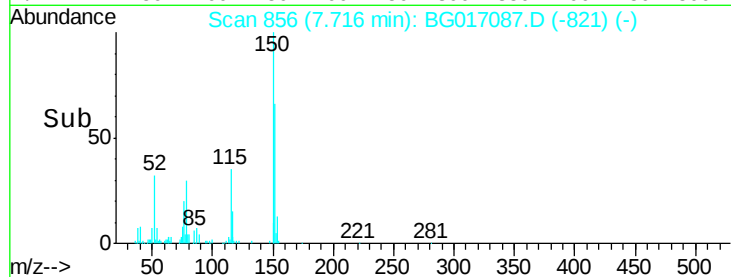
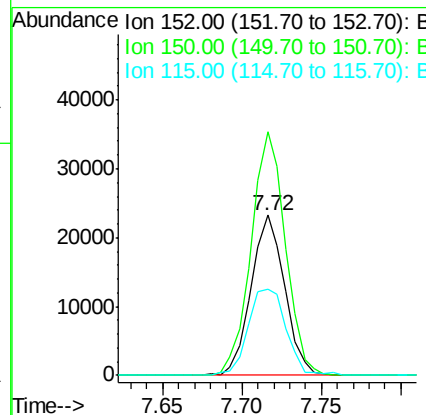
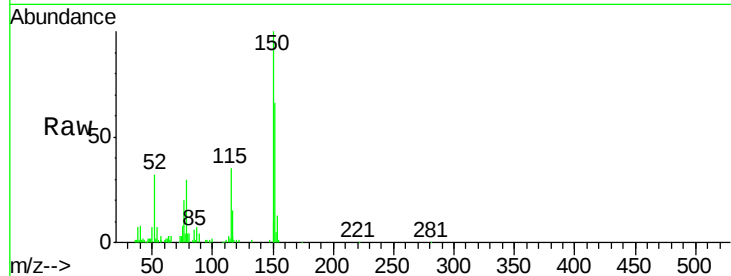


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG017087.D
Acq: 12 May 2015 17:42

Instrument :
BNA_G
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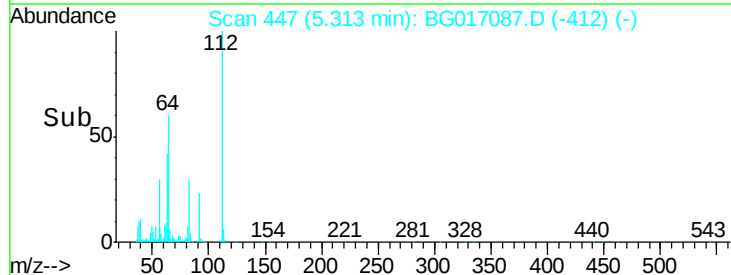
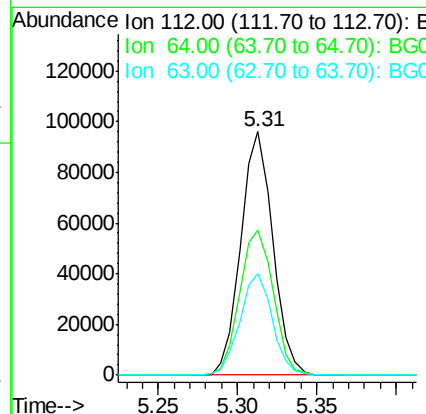
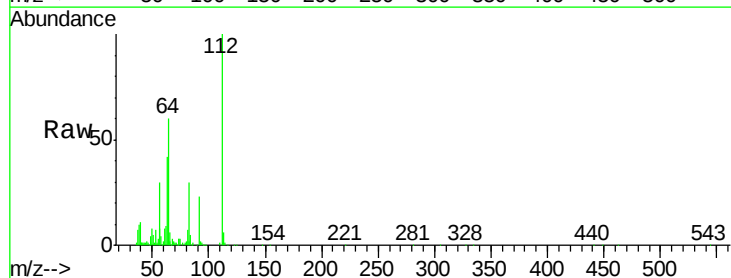
Tot Ion:152 Resp: 34174
Ion Ratio Lower Upper
152 100
150 152.3 121.0 181.4
115 53.7 50.5 75.7

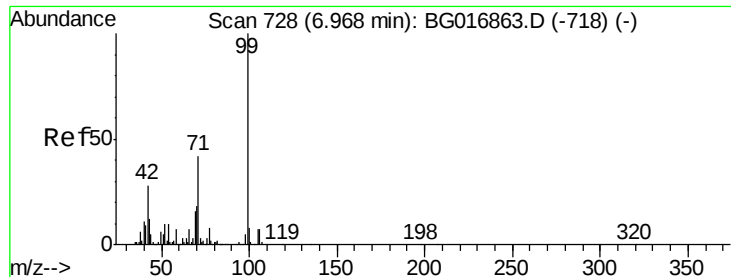


#5

2-Fluorophenol
Concen: 68.59 ng
RT: 5.31 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG017087.D
Acq: 12 May 2015 17:42

Tgt Ion:112 Resp: 134618
Ion Ratio Lower Upper
112 100
64 59.6 51.4 77.2
63 41.9 28.1 42.1





#7

Phenol-d6

Concen: 38.92 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG017087.D

Acq: 12 May 2015 17:42

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

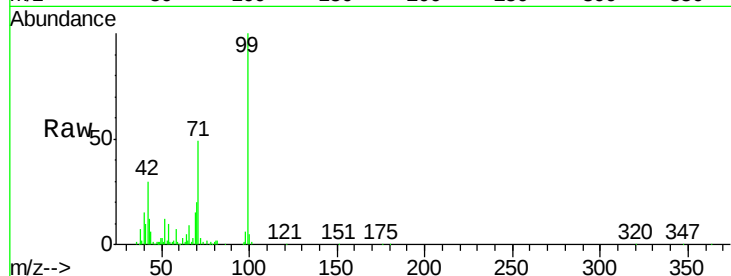
Tot Ion: 99 Resp: 109120

Ion Ratio Lower Upper

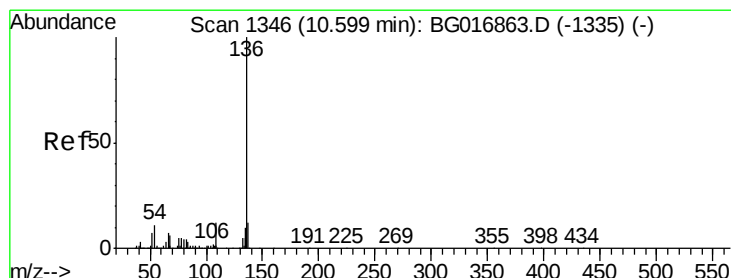
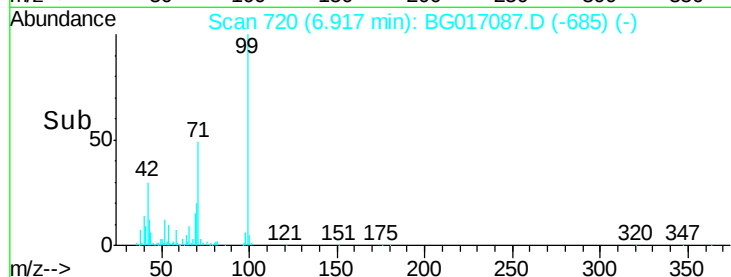
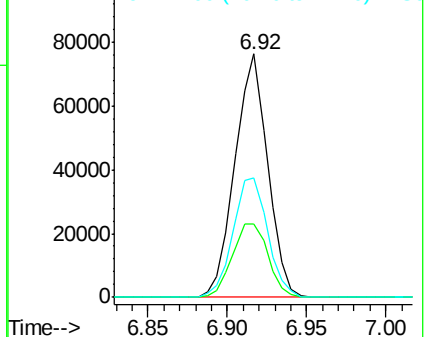
99 100

42 30.3 22.1 33.1

71 49.1 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# 1332

Delta R.T. 0.00 min

Lab File: BG017087.D

Acq: 12 May 2015 17:42

Tgt Ion: 136 Resp: 140574

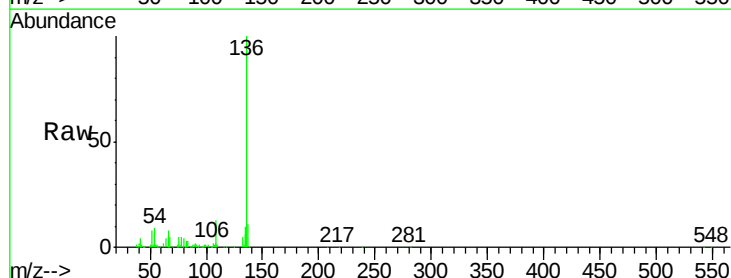
Ion Ratio Lower Upper

136 100

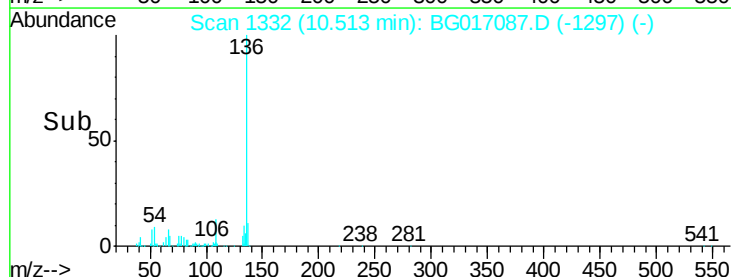
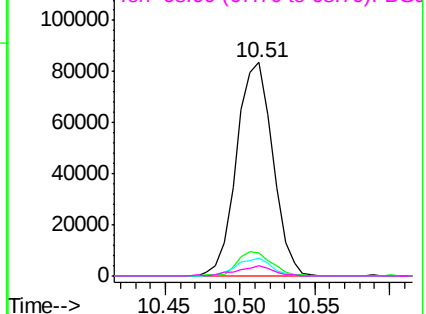
137 10.5 9.8 14.8

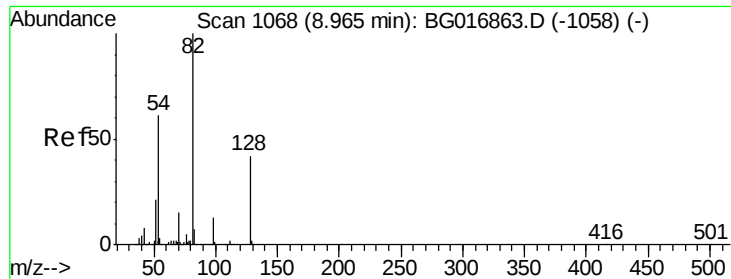
54 8.6 8.7 13.1#

68 4.6 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

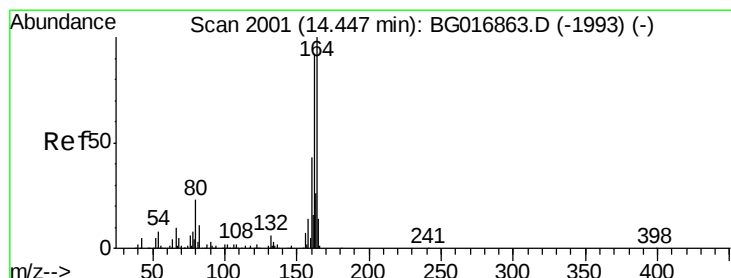
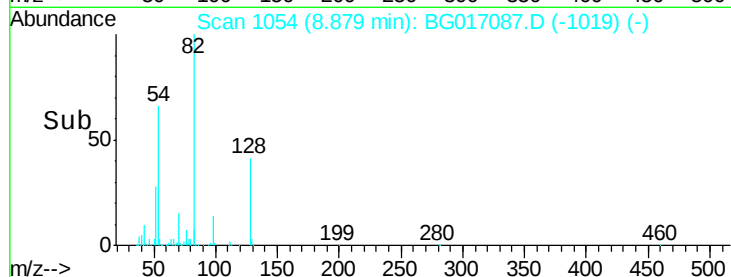
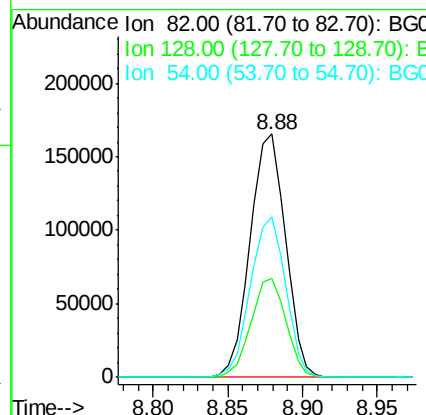
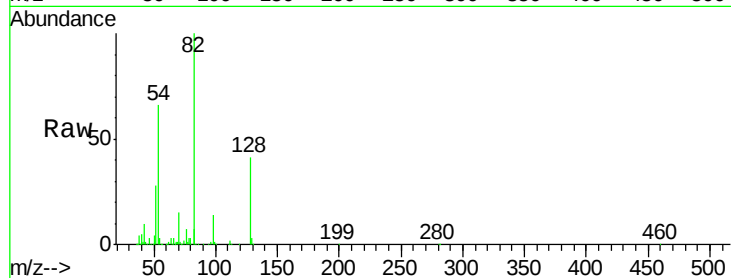




#23
 Nitrobenzene-d5
 Concen: 94.32 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG017087.D
 Acq: 12 May 2015 17:42

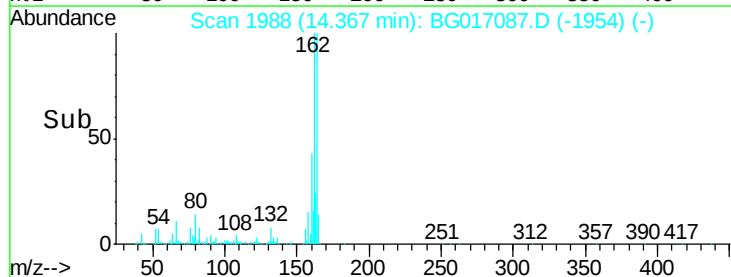
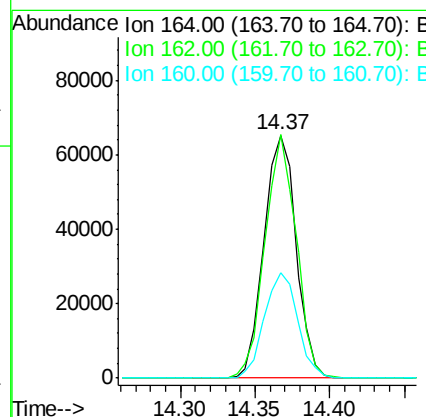
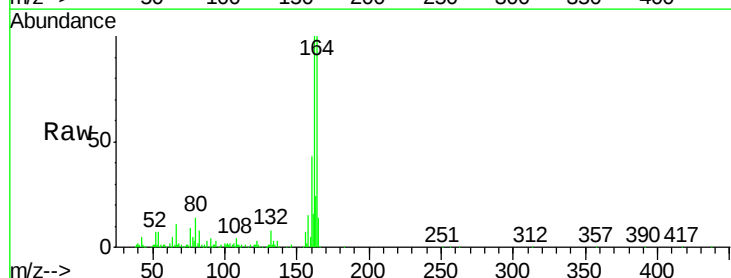
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

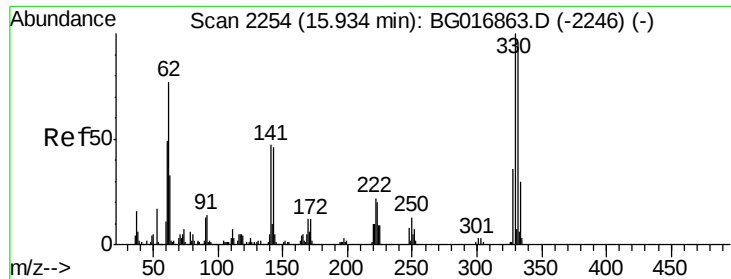
Tot Ion	82	Resp	271405
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.2	49.8
54	66.0	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG017087.D
 Acq: 12 May 2015 17:42

Tgt Ion	164	Resp	96899
Ion Ratio	Lower	Upper	
164	100		
162	100.4	74.0	111.0
160	43.5	34.7	52.1

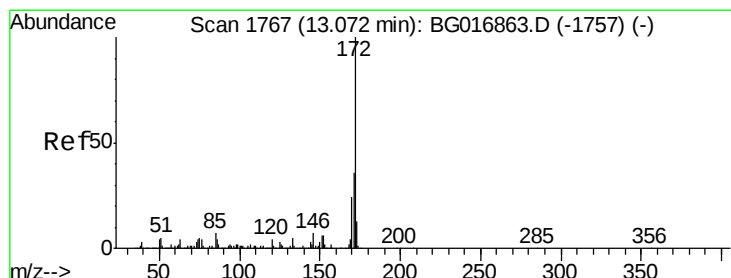
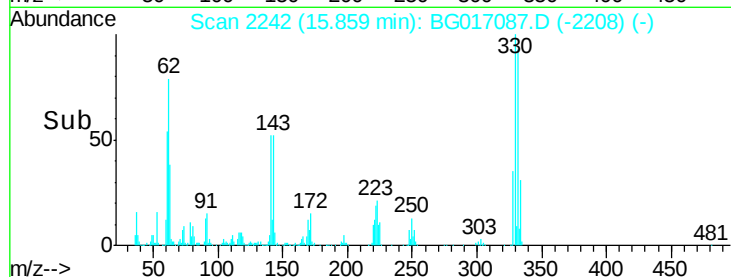
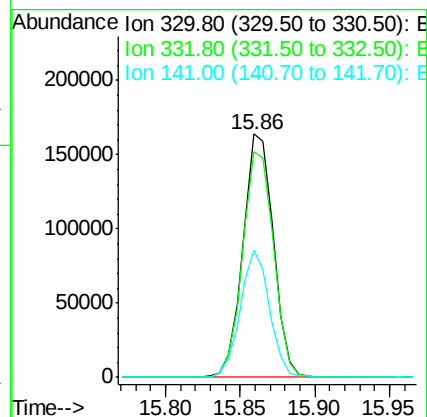
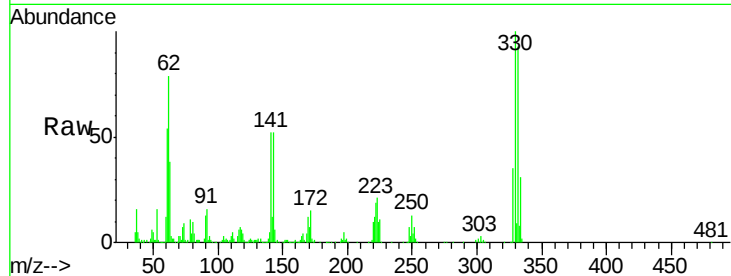




#41
 2,4,6-Tribromophenol
 Concen: 238.24 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017087.D
 Acq: 12 May 2015 17:42

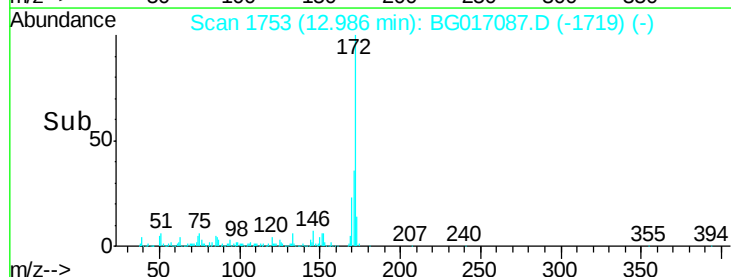
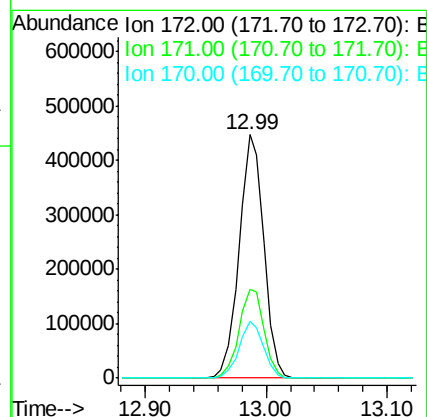
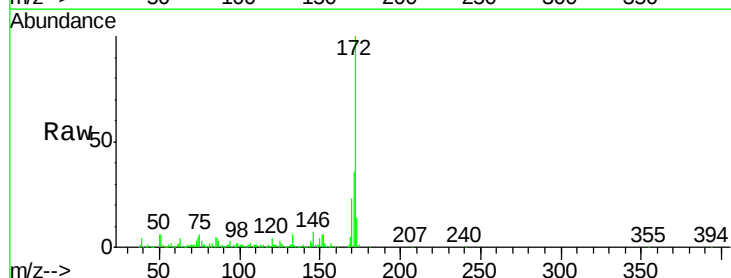
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

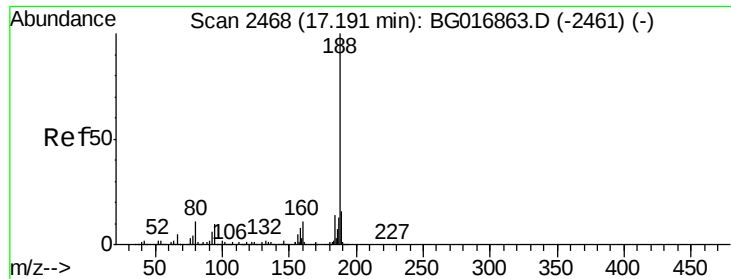
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	50.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 98.72 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017087.D
 Acq: 12 May 2015 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	23.1	19.0	28.4

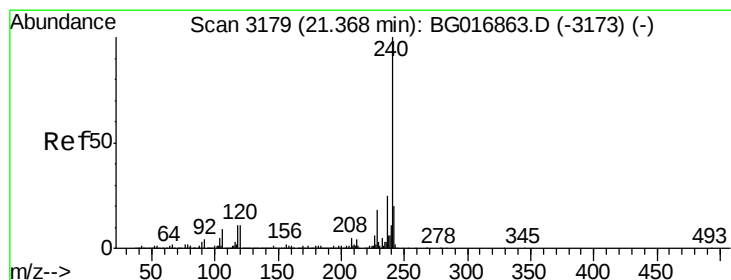
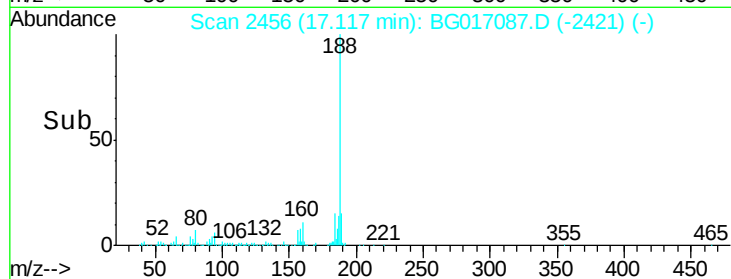
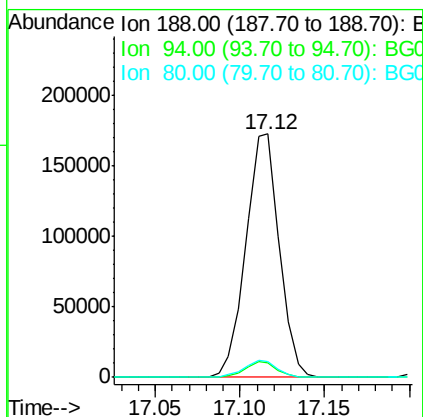
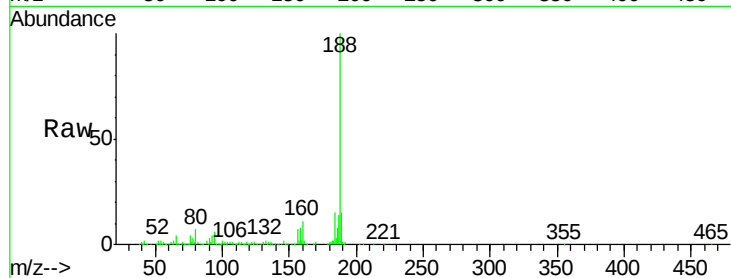




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG017087.D
Acq: 12 May 2015 17:42

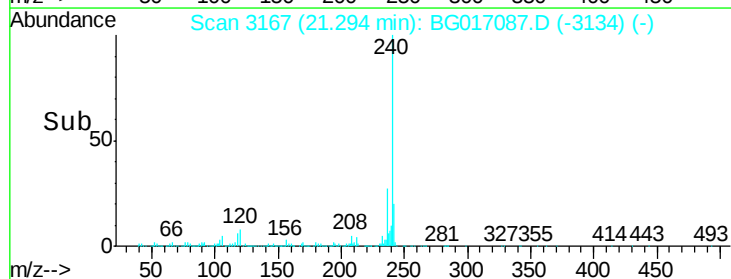
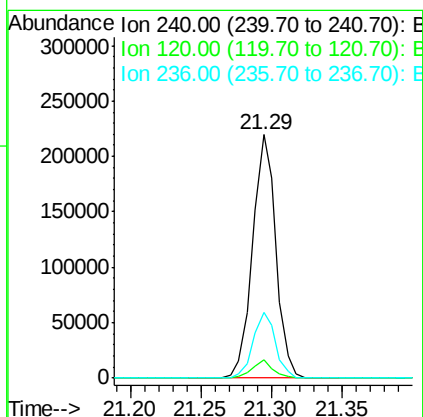
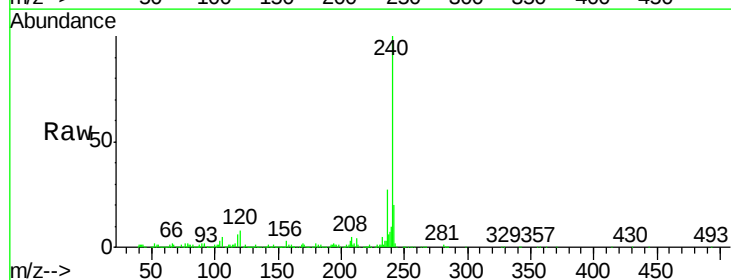
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

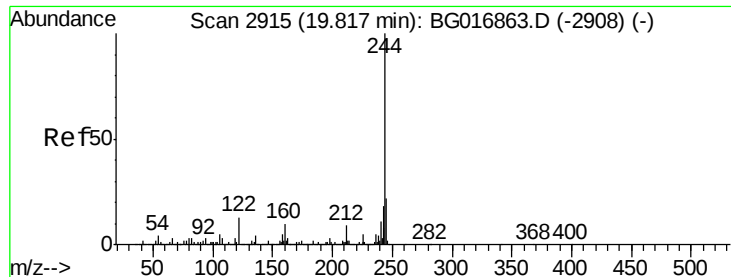
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.2	12.4#
80	6.7	8.8	13.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG017087.D
Acq: 12 May 2015 17:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.1	13.7#
236	26.8	20.2	30.4





#78

Terphenyl-d14

Concen: 109.33 ng

RT: 19.75 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BG017087.D

Acq: 12 May 2015 17:42

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

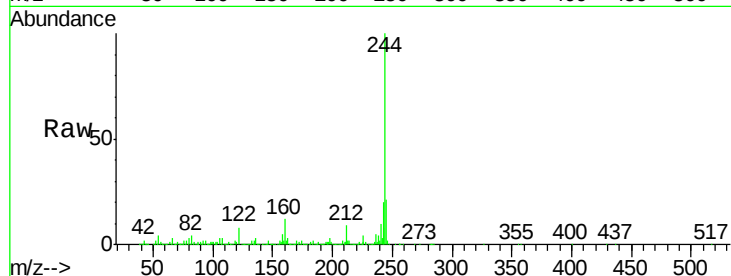
Tot Ion:244 Resp: 1188689

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

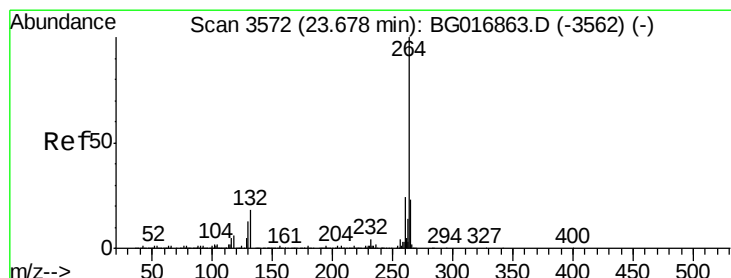
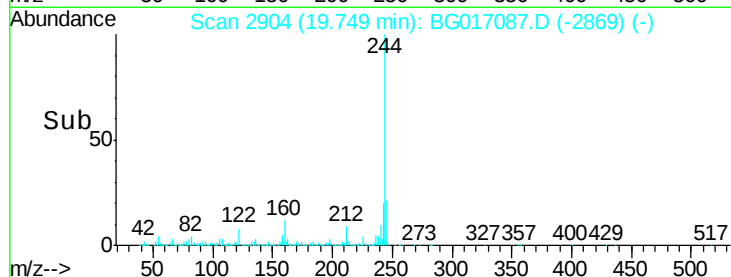
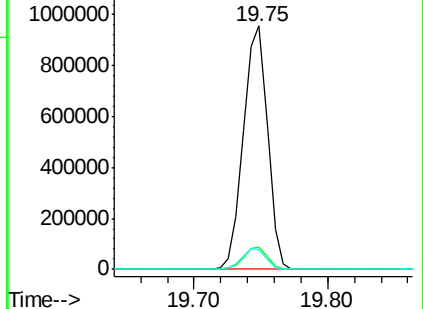
122 8.0 10.4 15.6#



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: 23.56 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG017087.D

Acq: 12 May 2015 17:42

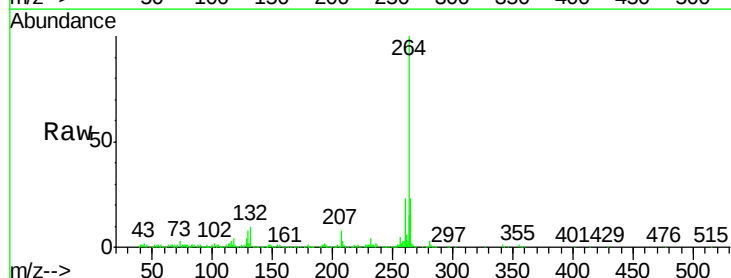
Tgt Ion:264 Resp: 261336

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 22.8 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

