

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017088.D
 Acq On : 12 May 2015 18:17
 Operator : TP/IZ
 Sample : G2194-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-04

Quant Time: May 13 03:57:04 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	35149	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	139962	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	91296	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	225758	20.00	ng	0.00
75) Chrysene-d12	21.30	240	237734	20.00	ng	0.00
86) Perylene-d12	23.56	264	239206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	129129	63.97	ng	0.00
7) Phenol-d6	6.92	99	107236	37.18	ng	0.00
23) Nitrobenzene-d5	8.87	82	243127	84.86	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	182410	199.02	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	563059	93.07	ng	0.00
78) Terphenyl-d14	19.74	244	913717	90.10	ng	0.00

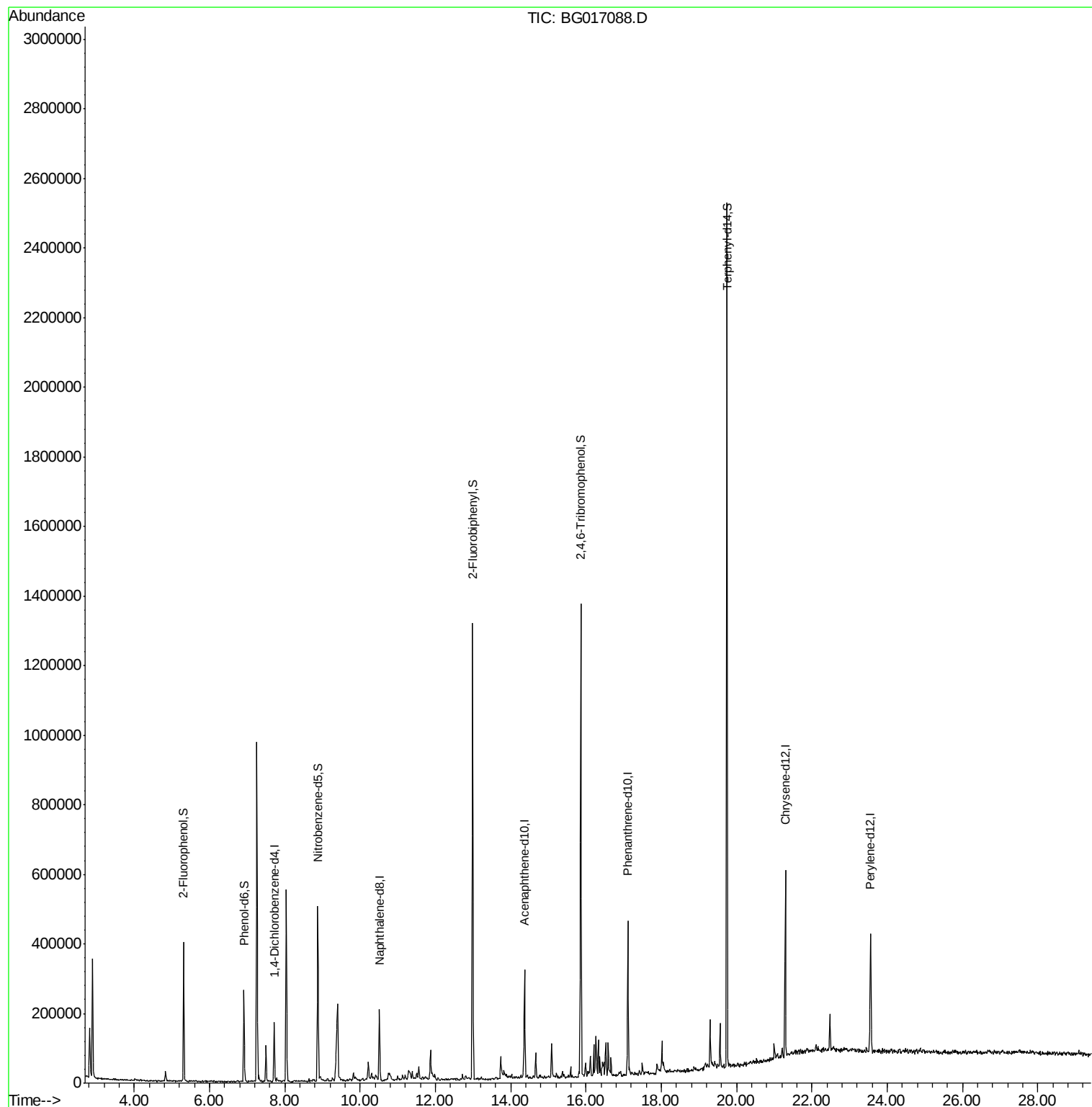
Target Compounds Qvalue

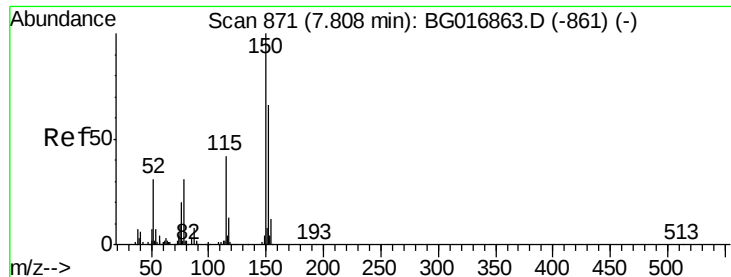
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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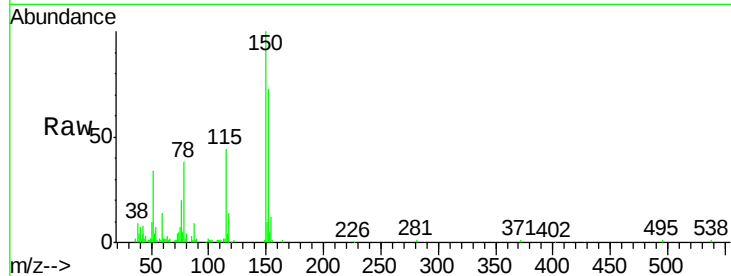


#1

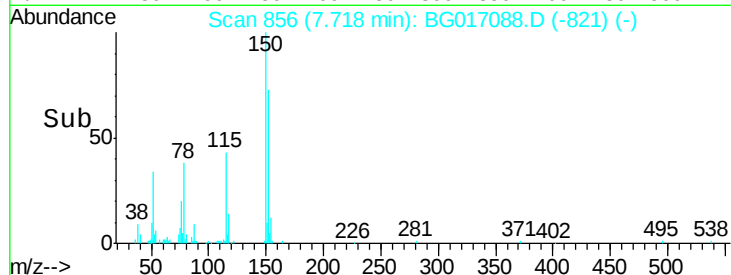
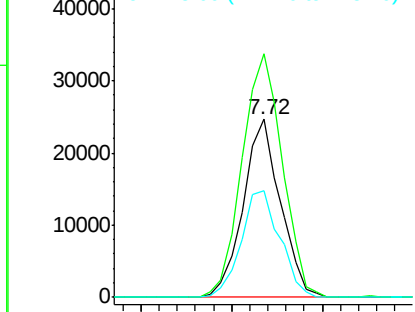
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG017088.D
Acq: 12 May 2015 18:17

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tot Ion:152 Resp: 35149
Ion Ratio Lower Upper
152 100
150 137.0 121.0 181.4
115 60.2 50.5 75.7



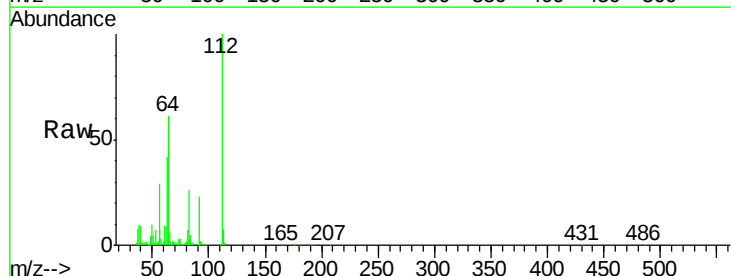
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



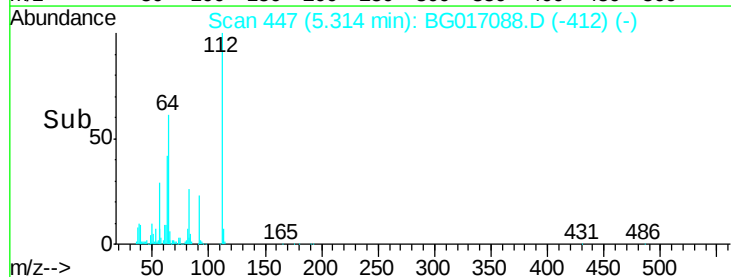
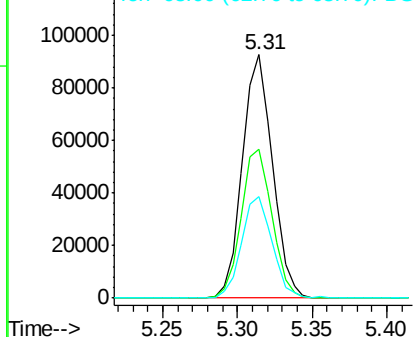
#5

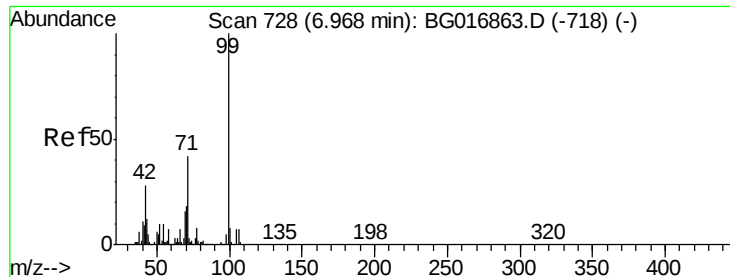
2-Fluorophenol
Concen: 63.97 ng
RT: 5.31 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG017088.D
Acq: 12 May 2015 18:17

Tgt Ion:112 Resp: 129129
Ion Ratio Lower Upper
112 100
64 61.2 51.4 77.2
63 41.7 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.18 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG017088.D

Acq: 12 May 2015 18:17

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

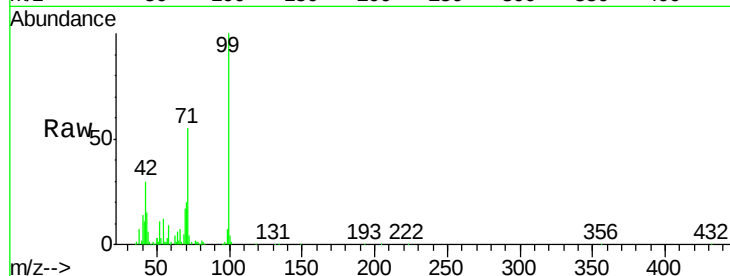
Tot Ion: 99 Resp: 107236

Ion Ratio Lower Upper

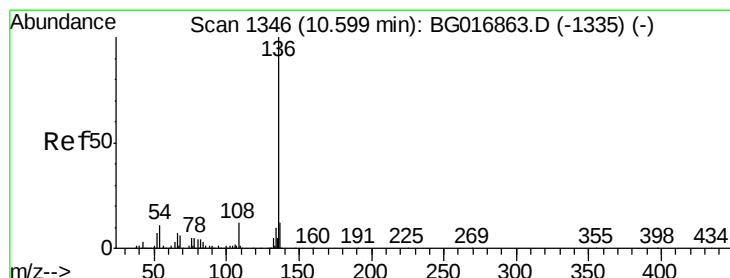
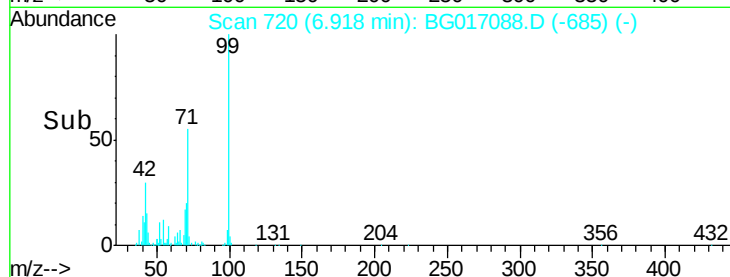
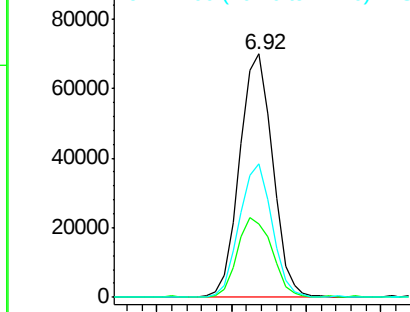
99 100

42 30.3 22.1 33.1

71 55.1 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# 1331

Delta R.T. -0.00 min

Lab File: BG017088.D

Acq: 12 May 2015 18:17

Tgt Ion: 136 Resp: 139962

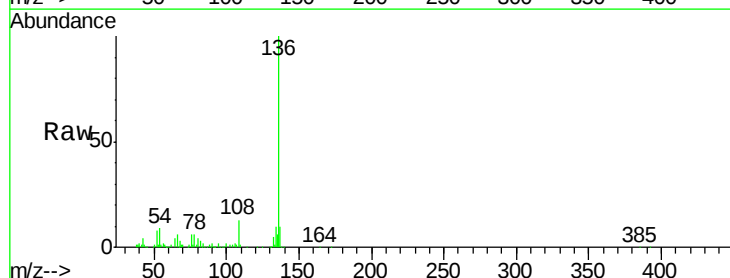
Ion Ratio Lower Upper

136 100

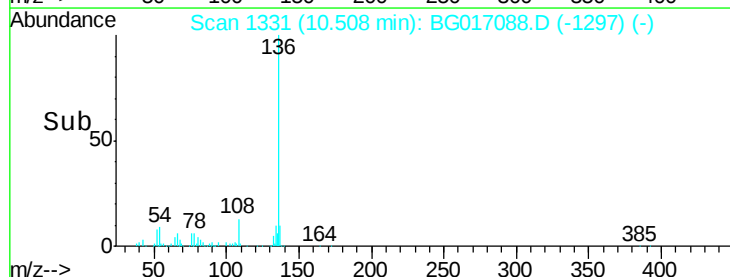
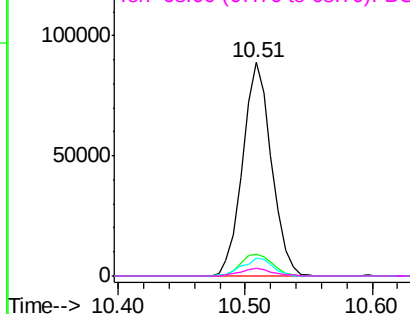
137 10.3 9.8 14.8

54 9.4 8.7 13.1

68 4.4 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

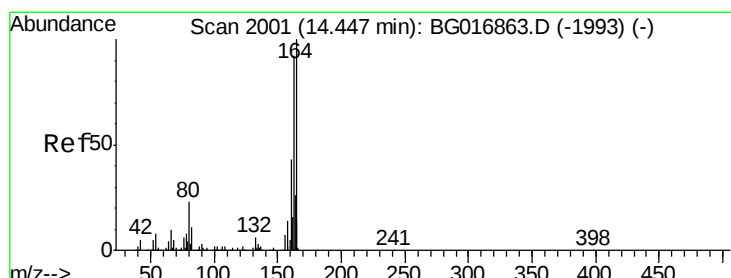
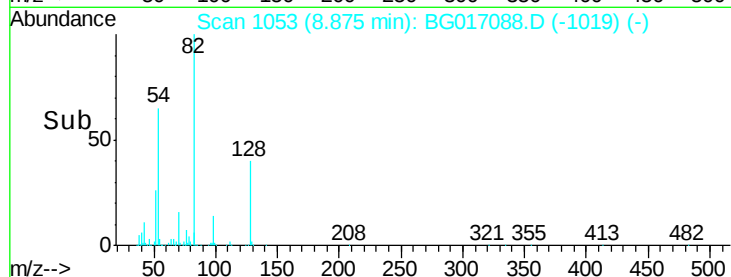
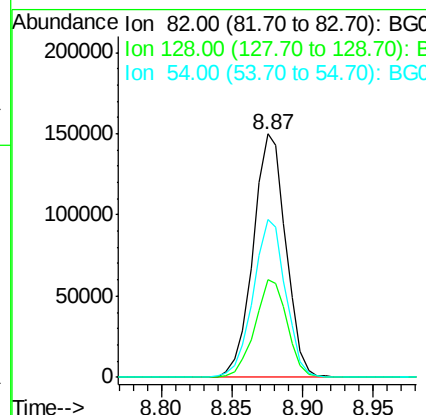
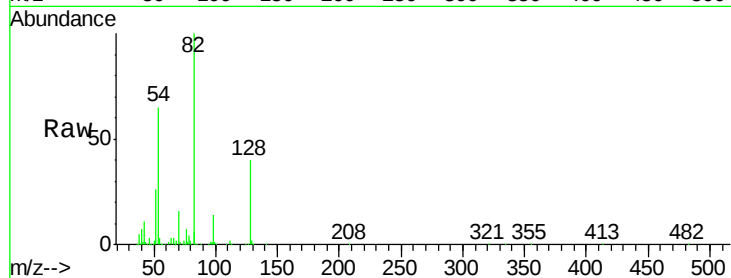




#23
Nitrobenzene-d5
Concen: 84.86 ng
RT: 8.87 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG017088.D
Acq: 12 May 2015 18:17

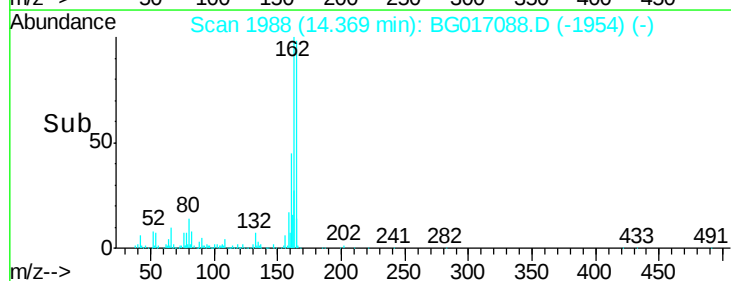
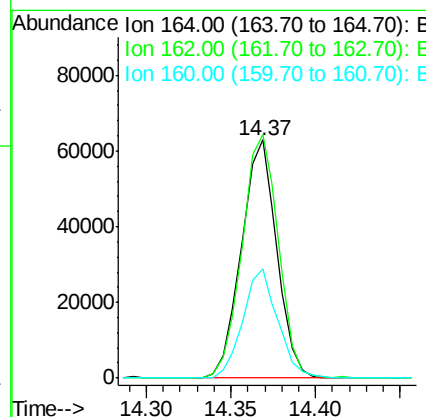
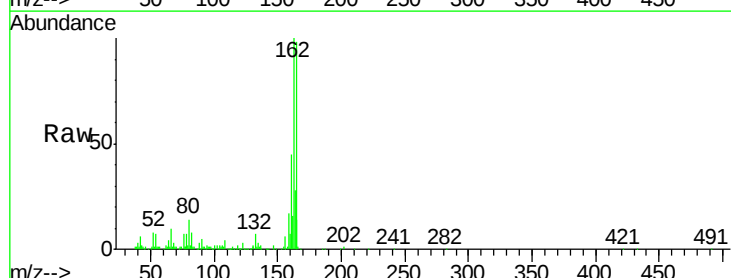
Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

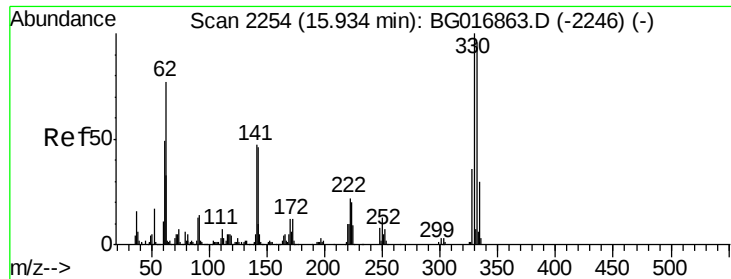
Tot Ion	82	Resp	243127
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.2	49.8
54	65.0	48.6	72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG017088.D
Acq: 12 May 2015 18:17

Tgt Ion	164	Resp	91296
Ion Ratio	Lower	Upper	
164	100		
162	102.3	74.0	111.0
160	45.8	34.7	52.1

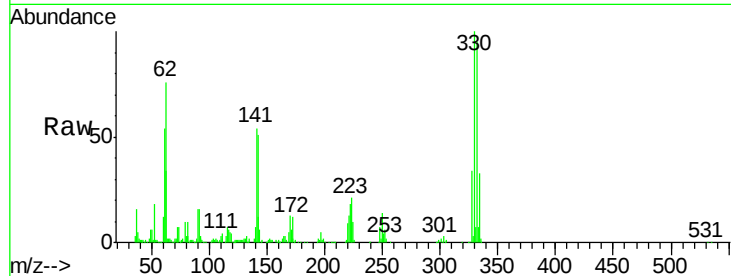




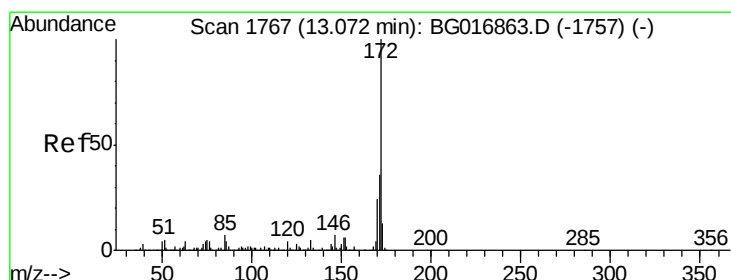
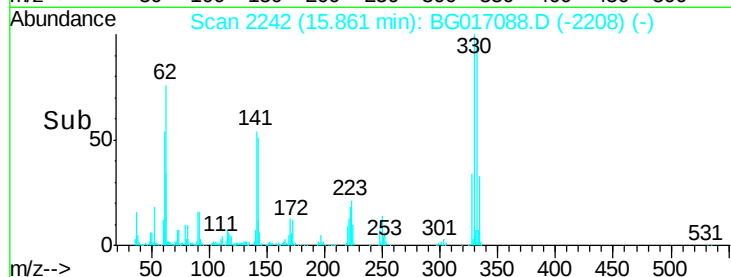
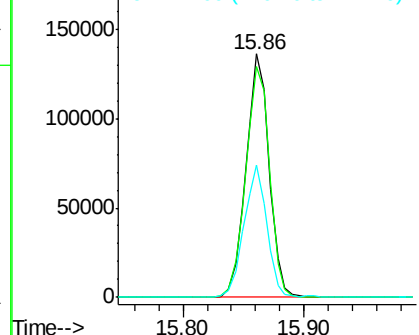
#41
 2,4,6-Tribromophenol
 Concen: 199.02 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017088.D
 Acq: 12 May 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	53.6	0.0	0.0#

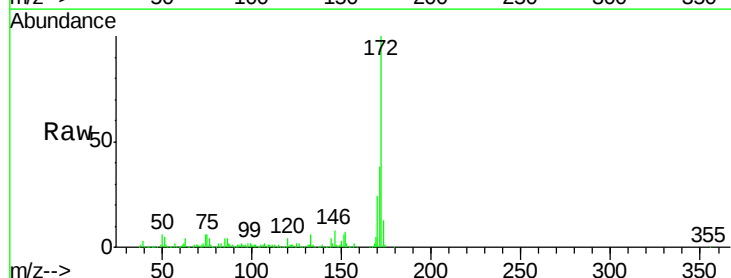


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

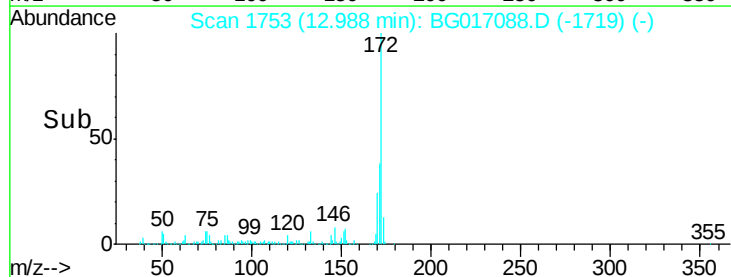
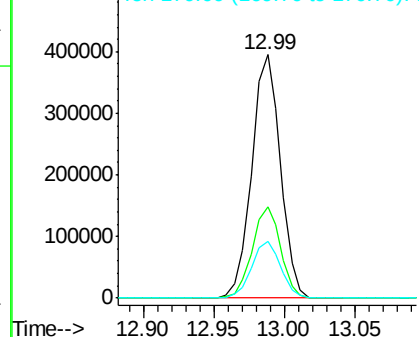


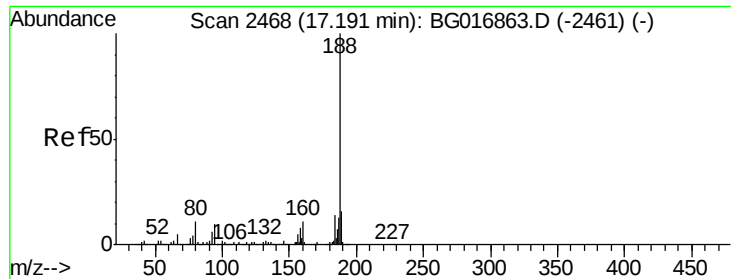
#44
 2-Fluorobiphenyl
 Concen: 93.07 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017088.D
 Acq: 12 May 2015 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.4
170	23.6	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

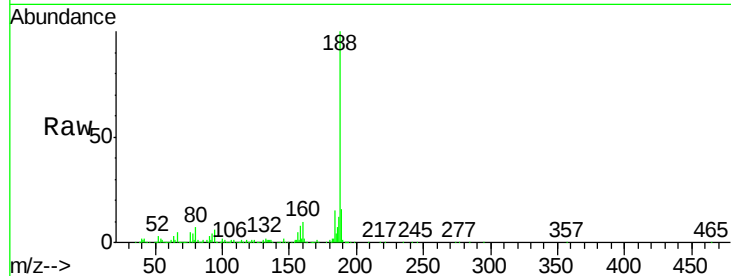




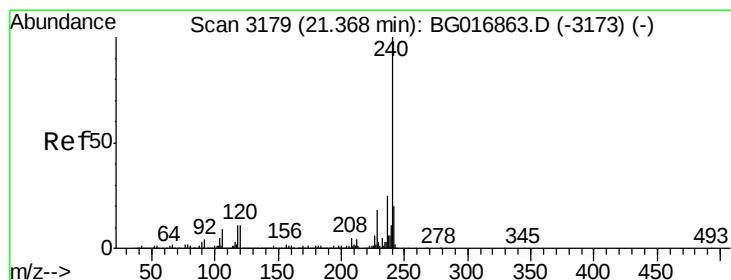
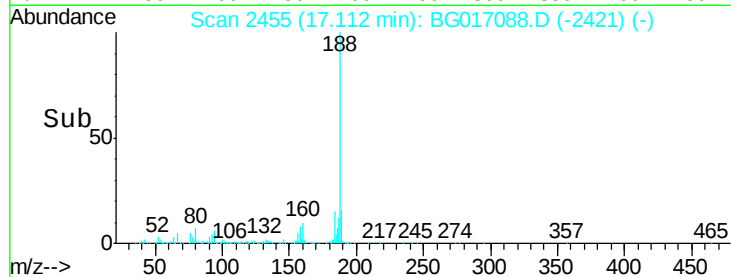
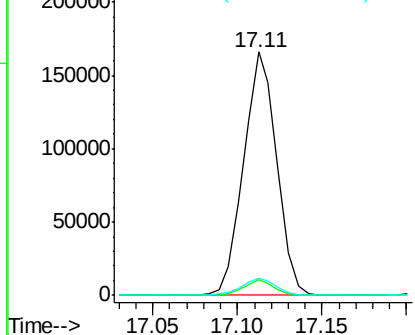
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG017088.D
Acq: 12 May 2015 18:17

Instrument :
BNA_G
ClientSampleId :
TU021-TW-04

Tot Ion:188 Resp: 225758
Ion Ratio Lower Upper
188 100
94 6.4 8.2 12.4#
80 7.2 8.8 13.2#

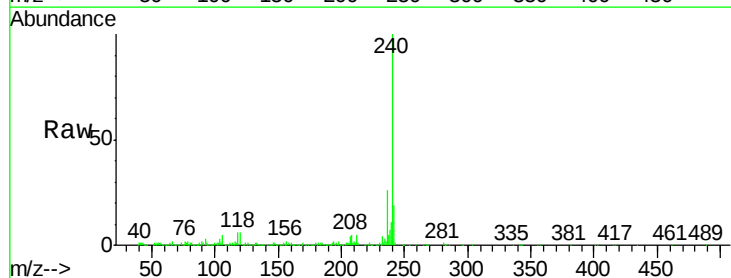


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

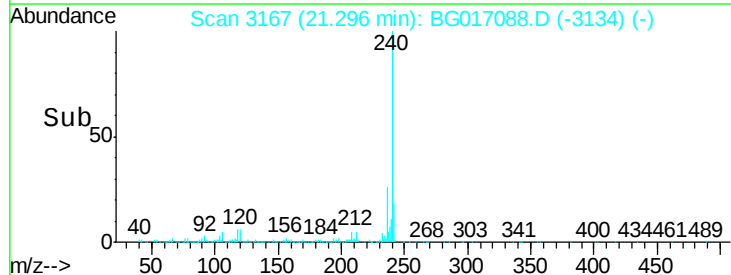
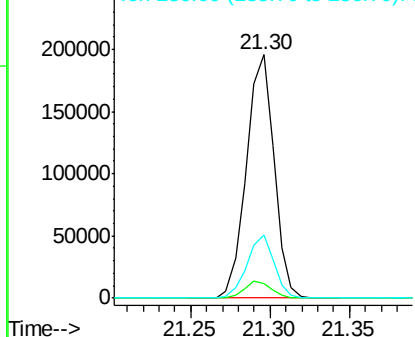


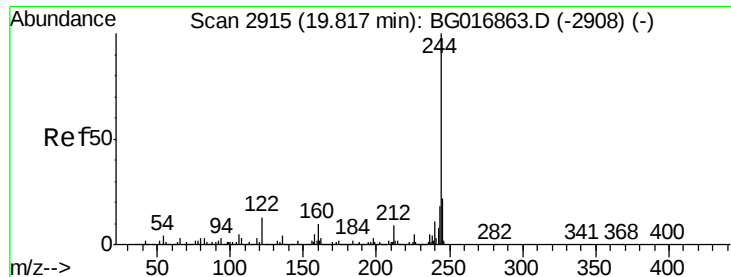
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG017088.D
Acq: 12 May 2015 18:17

Tgt Ion:240 Resp: 237734
Ion Ratio Lower Upper
240 100
120 6.1 9.1 13.7#
236 25.7 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: 90.10 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017088.D

Acq: 12 May 2015 18:17

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

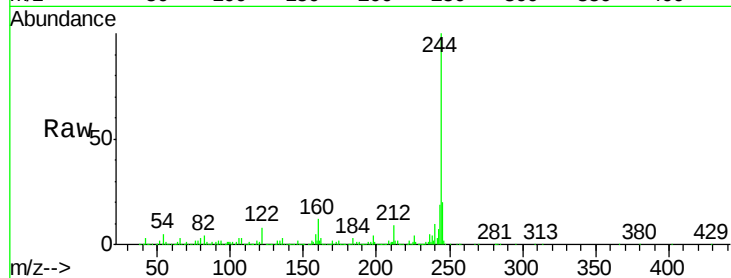
Tot Ion:244 Resp: 913717

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

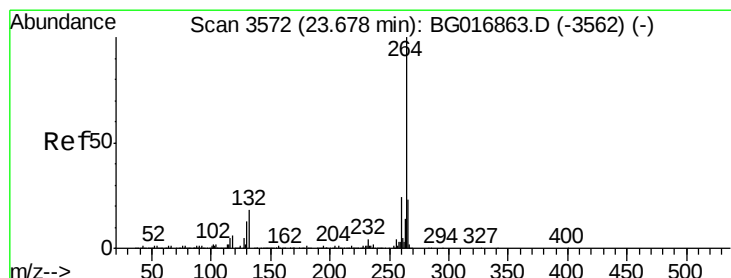
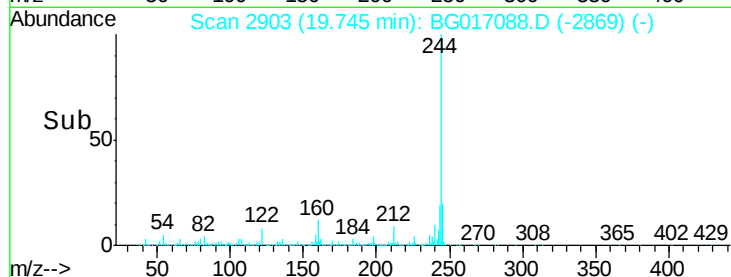
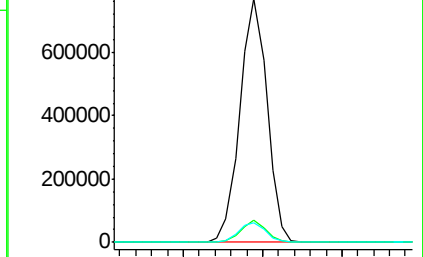
122 8.3 10.4 15.6#



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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017088.D

Acq: 12 May 2015 18:17

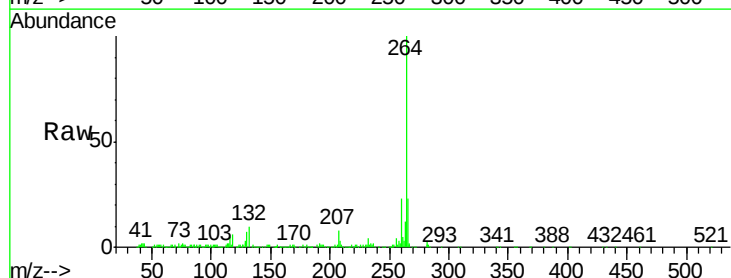
Tgt Ion:264 Resp: 239206

Ion Ratio Lower Upper

264 100

260 22.8 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

