

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017127.D
 Acq On : 14 May 2015 3:18
 Operator : TP/IZ
 Sample : G2195-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-05

Quant Time: May 14 04:32:54 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

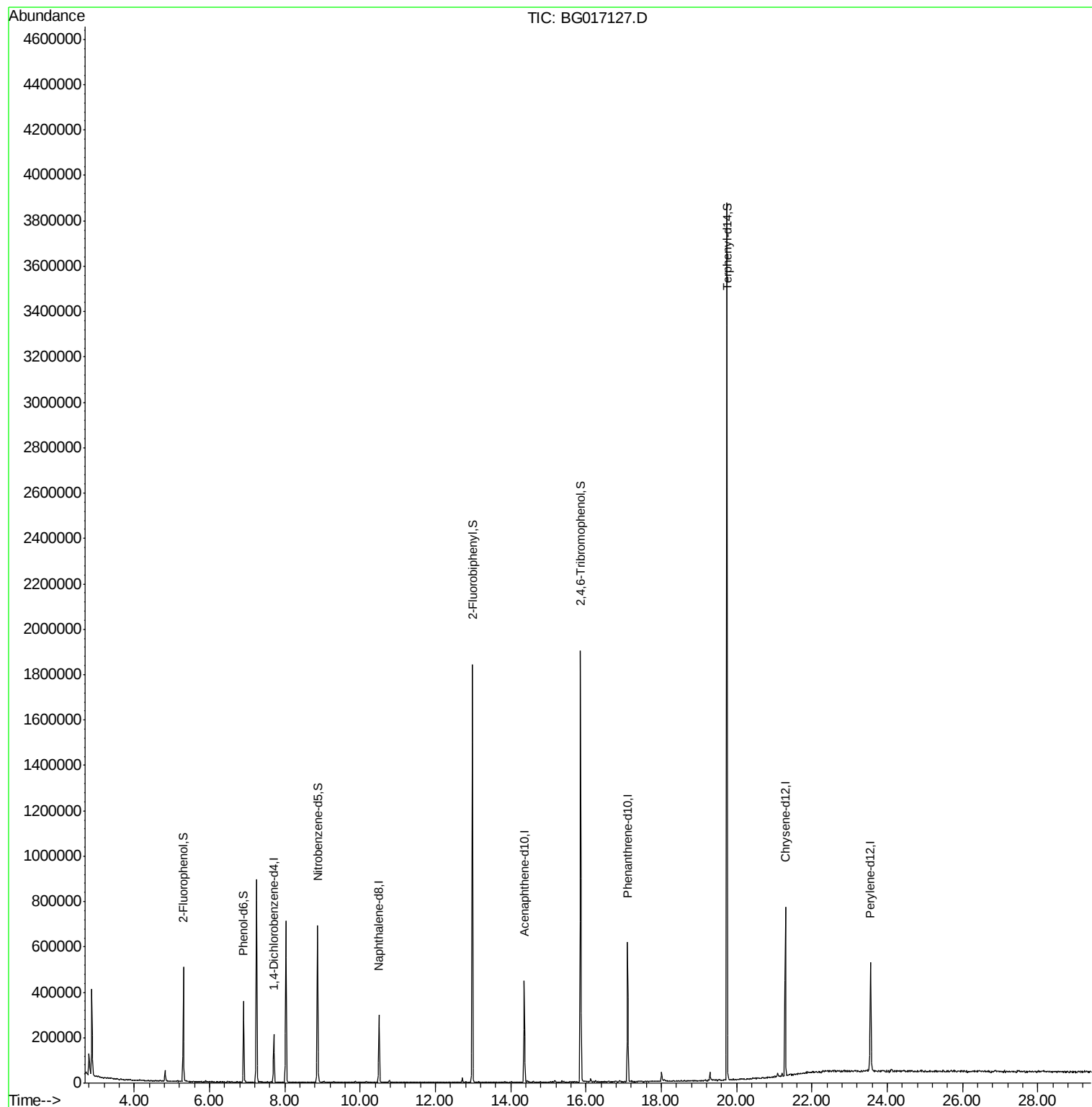
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	46756	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	207937	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	135194	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	324808	20.00	ng	0.00
75) Chrysene-d12	21.30	240	323196	20.00	ng	0.00
86) Perylene-d12	23.56	264	313581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	172413	65.42	ng	0.00
7) Phenol-d6	6.91	99	156707	42.37	ng	0.00
23) Nitrobenzene-d5	8.87	82	355546	79.83	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	251485	153.88	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	797961	86.61	ng	0.00
78) Terphenyl-d14	19.74	244	1456337	93.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.85	77	191	Below Cal	Qvalue #	6

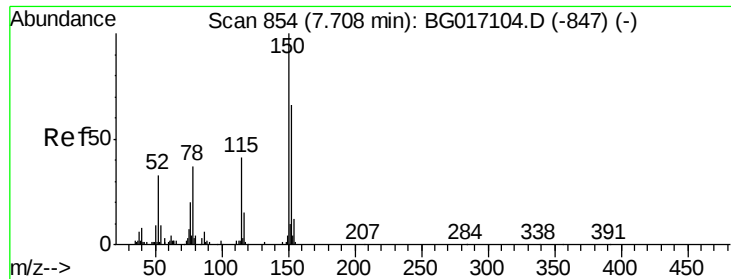
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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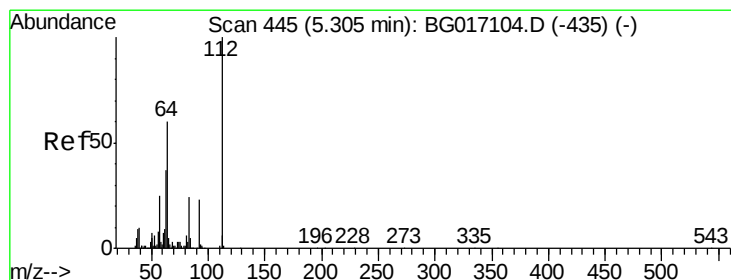
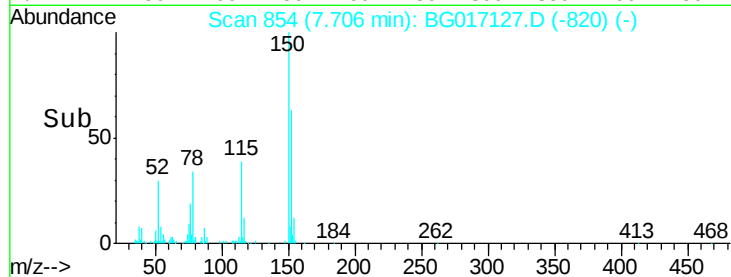
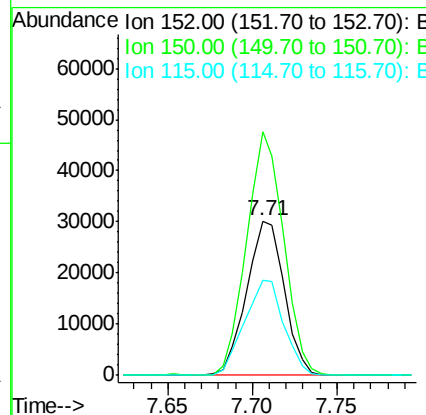
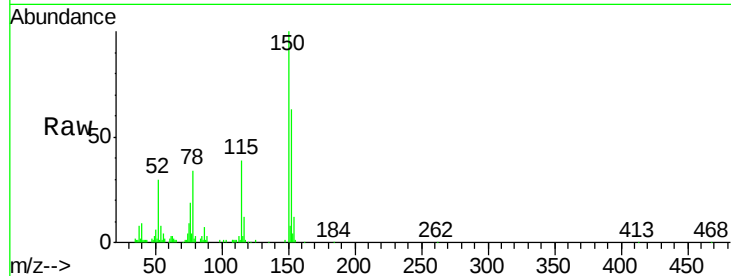


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017127.D
Acq: 14 May 2015 3:18

Instrument :
BNA_G
ClientSampleId :
TU012-TW-05

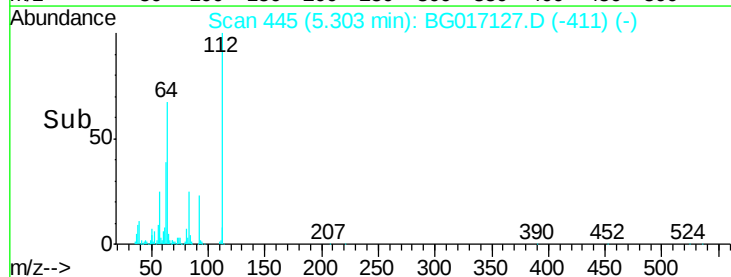
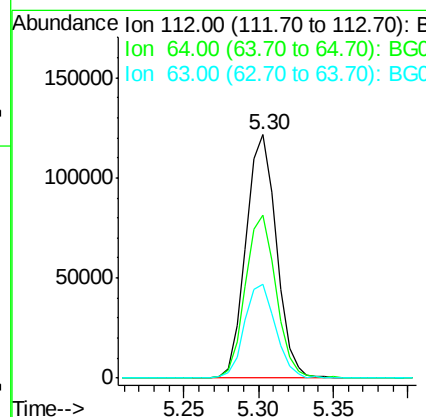
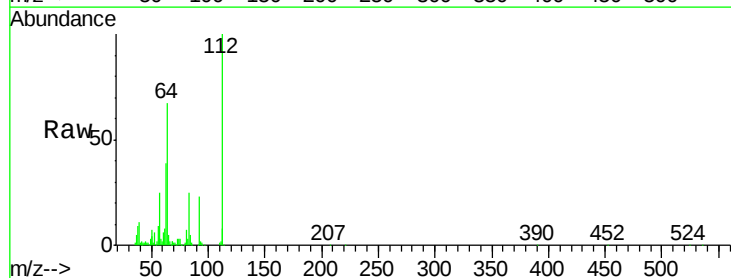
Tgt Ion:152 Resp: 46756
Ion Ratio Lower Upper
152 100
150 157.8 120.8 181.2
115 61.9 49.4 74.2

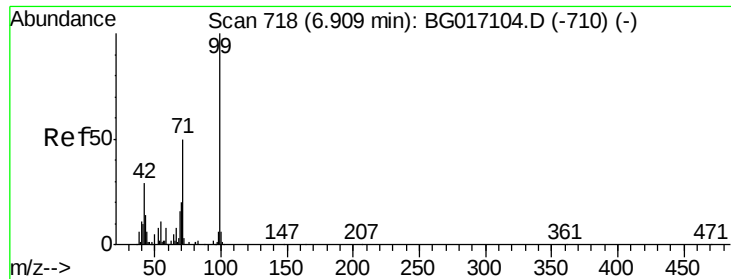


#5

2-Fluorophenol
Concen: 65.42 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017127.D
Acq: 14 May 2015 3:18

Tgt Ion:112 Resp: 172413
Ion Ratio Lower Upper
112 100
64 67.0 48.1 72.1
63 38.7 29.8 44.8





#7

Phenol-d6

Concen: 42.37 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017127.D

Acq: 14 May 2015 3:18

Instrument :

BNA_G

ClientSampleId :

TU012-TW-05

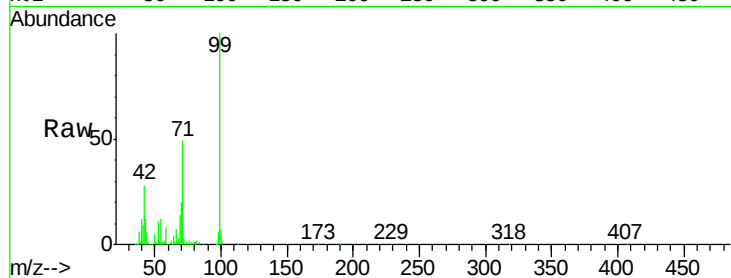
Tgt Ion: 99 Resp: 156707

Ion Ratio Lower Upper

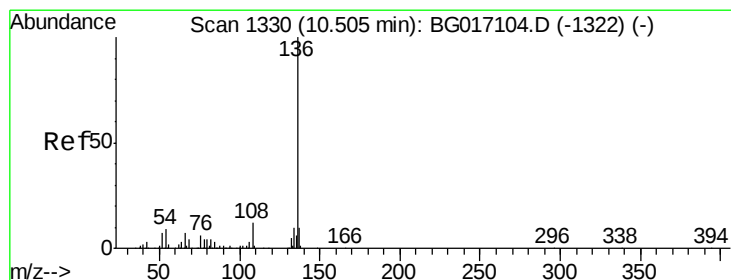
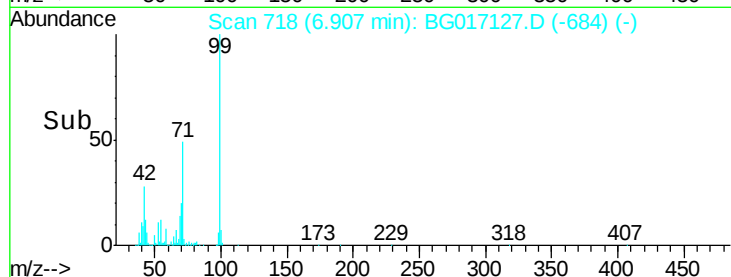
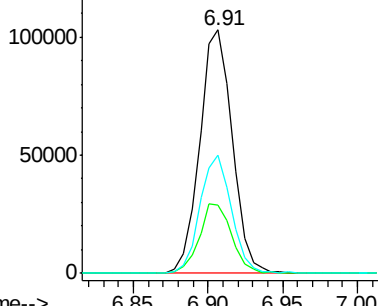
99 100

42 28.0 23.5 35.3

71 48.6 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: BG017127.D

Acq: 14 May 2015 3:18

Tgt Ion: 136 Resp: 207937

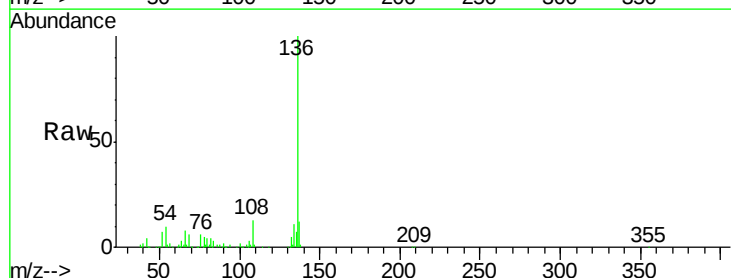
Ion Ratio Lower Upper

136 100

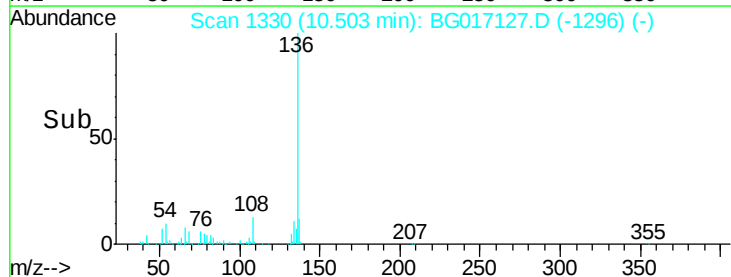
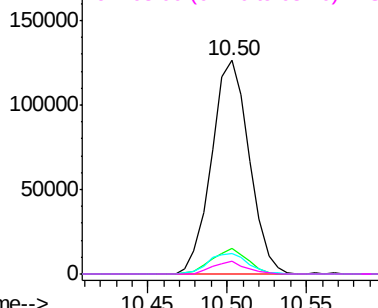
137 11.8 8.3 12.5

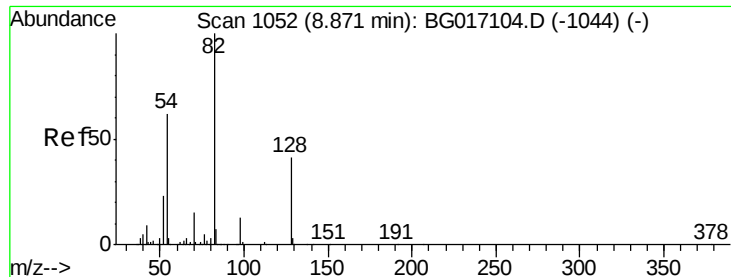
54 9.6 7.4 11.2

68 6.2 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

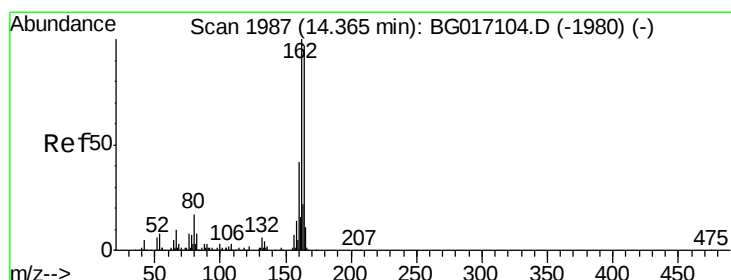
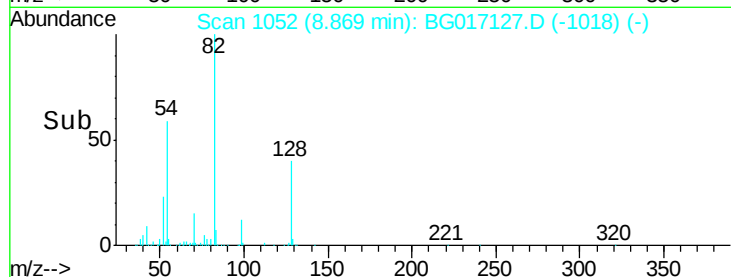
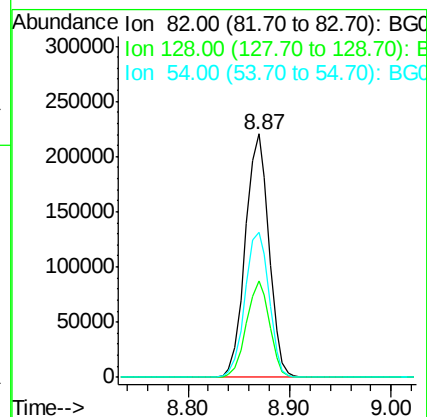
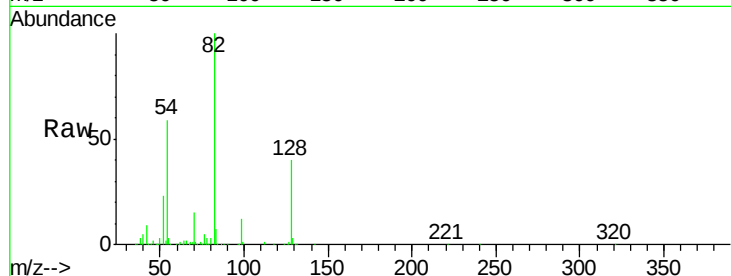




#23
Nitrobenzene-d5
Concen: 79.83 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG017127.D
Acq: 14 May 2015 3:18

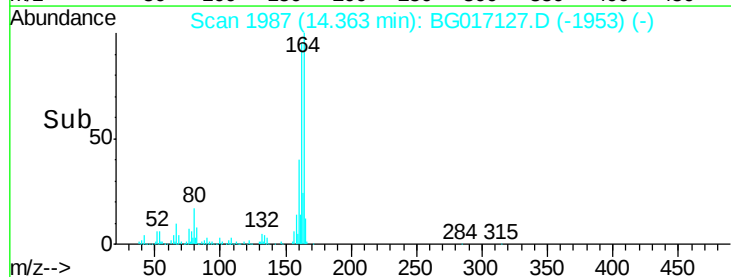
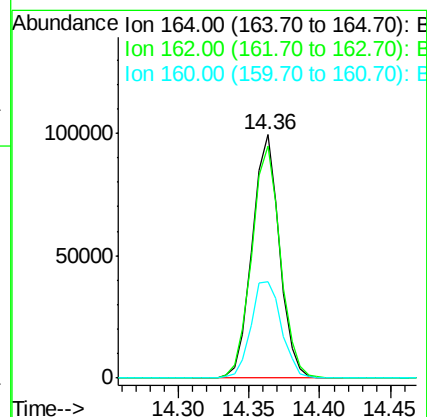
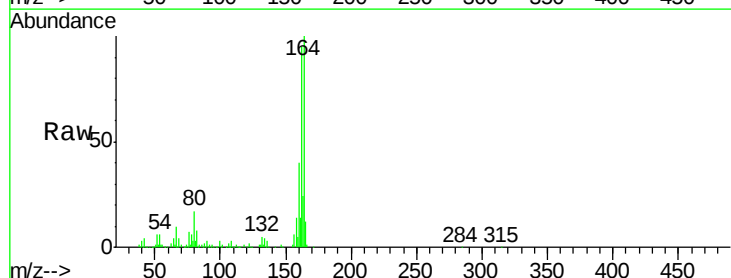
Instrument :
BNA_G
ClientSampleId :
TU012-TW-05

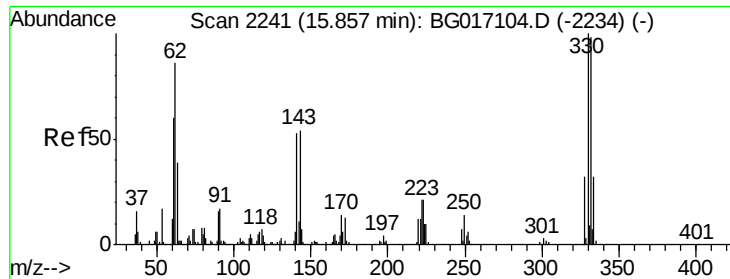
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	59.4	49.6	74.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017127.D
Acq: 14 May 2015 3:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	82.1	123.1
160	39.8	34.8	52.2

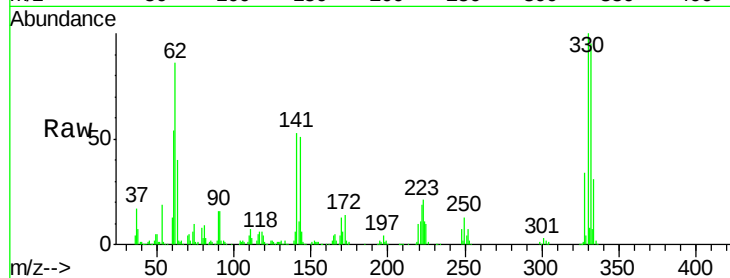




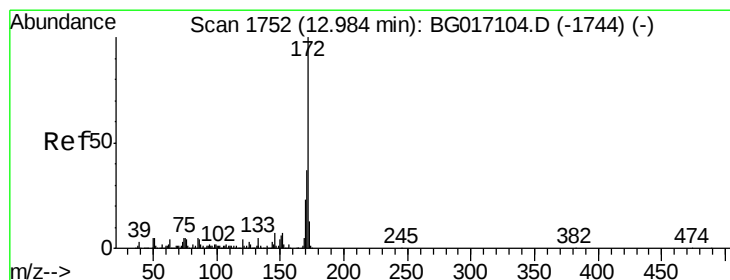
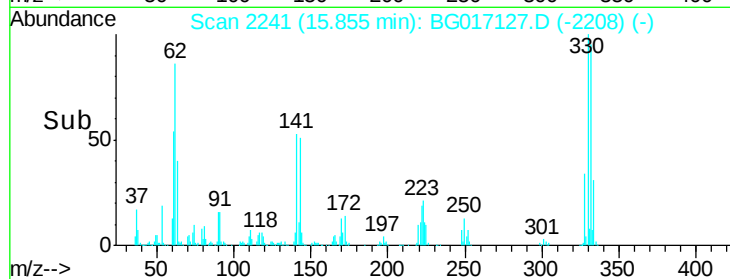
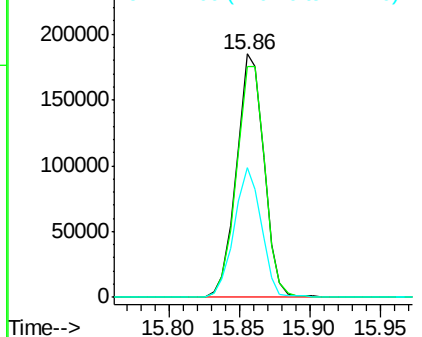
#41
 2,4,6-Tribromophenol
 Concen: 153.88 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG017127.D
 Acq: 14 May 2015 3:18

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	52.8	42.2	63.2

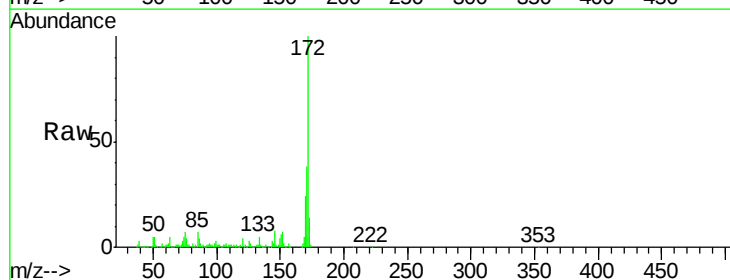


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

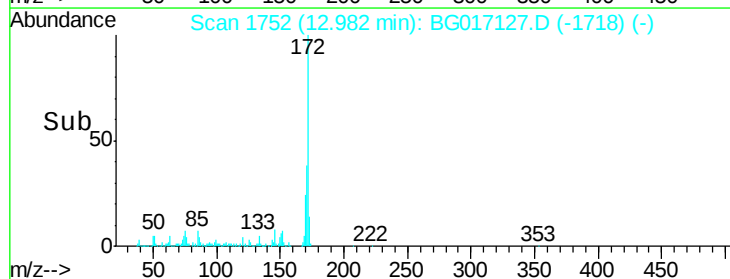
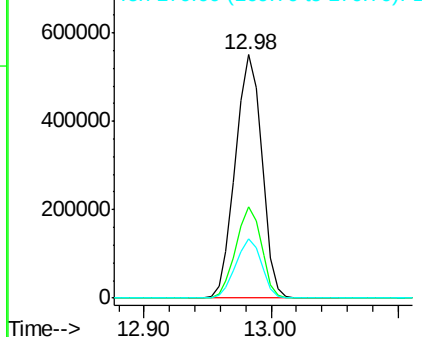


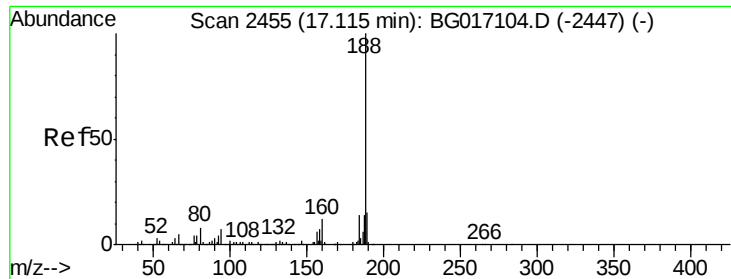
#44
 2-Fluorobiphenyl
 Concen: 86.61 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017127.D
 Acq: 14 May 2015 3:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	24.3	18.4	27.6



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

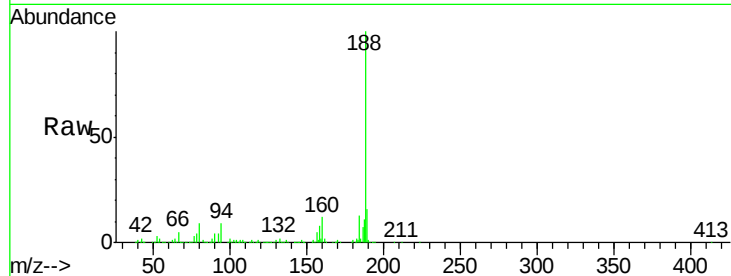




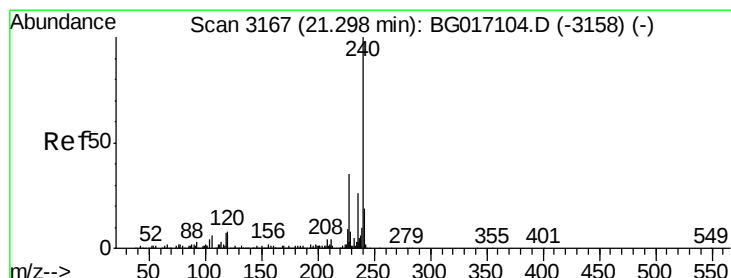
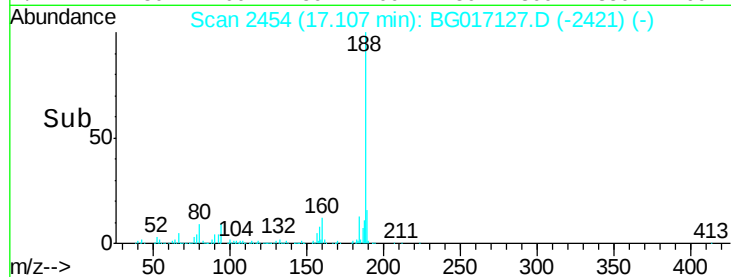
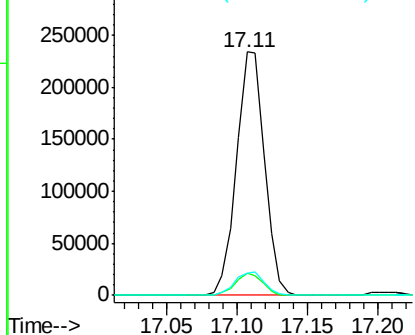
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017127.D
Acq: 14 May 2015 3:18

Instrument :
BNA_G
ClientSampleId :
TU012-TW-05

Tgt Ion:188 Resp: 324808
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 9.1 6.5 9.7

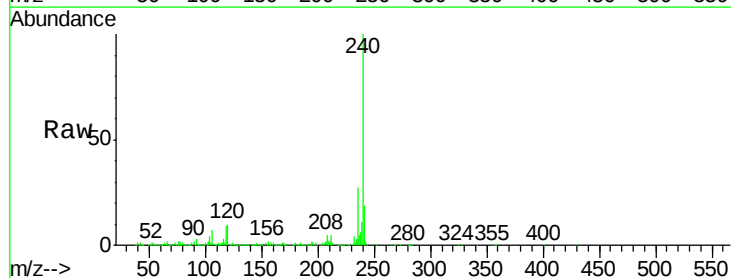


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

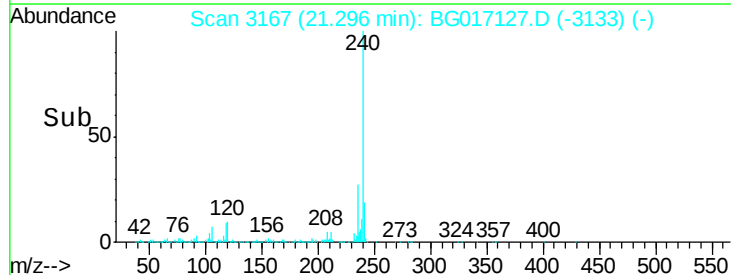
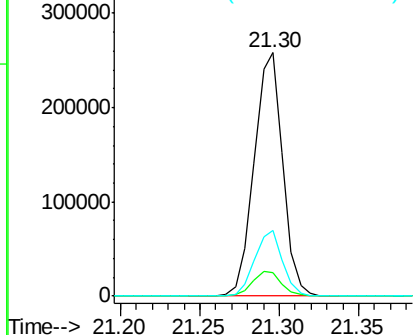


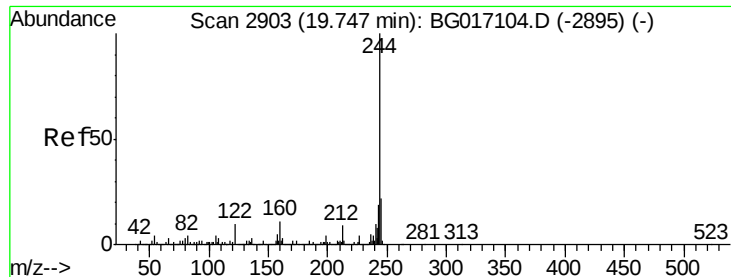
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017127.D
Acq: 14 May 2015 3:18

Tgt Ion:240 Resp: 323196
Ion Ratio Lower Upper
240 100
120 9.8 6.0 9.0#
236 26.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): B
Ion 236.00 (235.70 to 236.70): B





#78

Terphenyl-d14

Concen: 93.90 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017127.D

Acq: 14 May 2015 3:18

Instrument :

BNA_G

ClientSampleId :

TU012-TW-05

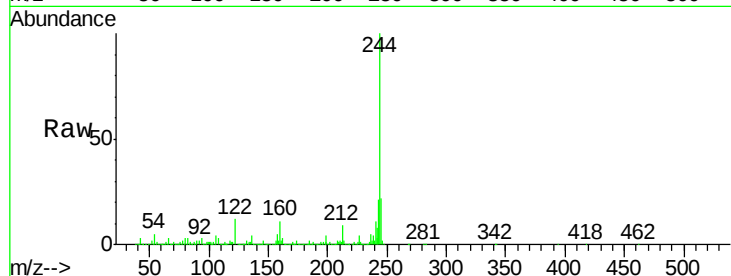
Tgt Ion:244 Resp: 1456337

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

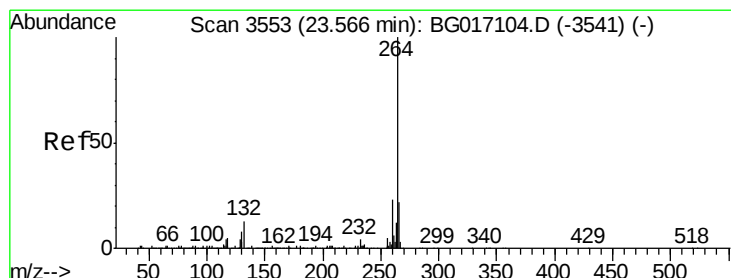
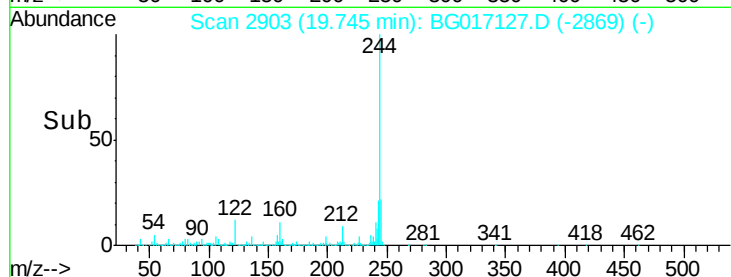
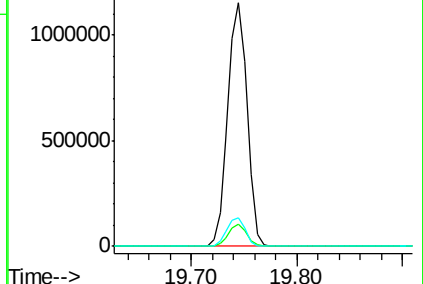
122 11.7 8.4 12.6



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: BG017127.D

Acq: 14 May 2015 3:18

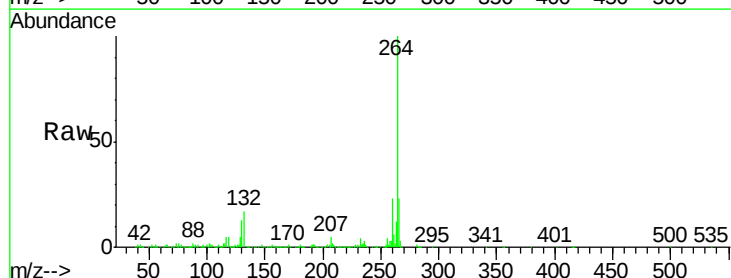
Tgt Ion:264 Resp: 313581

Ion Ratio Lower Upper

264 100

260 23.0 18.0 27.0

265 22.5 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

