

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 03:42:02 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

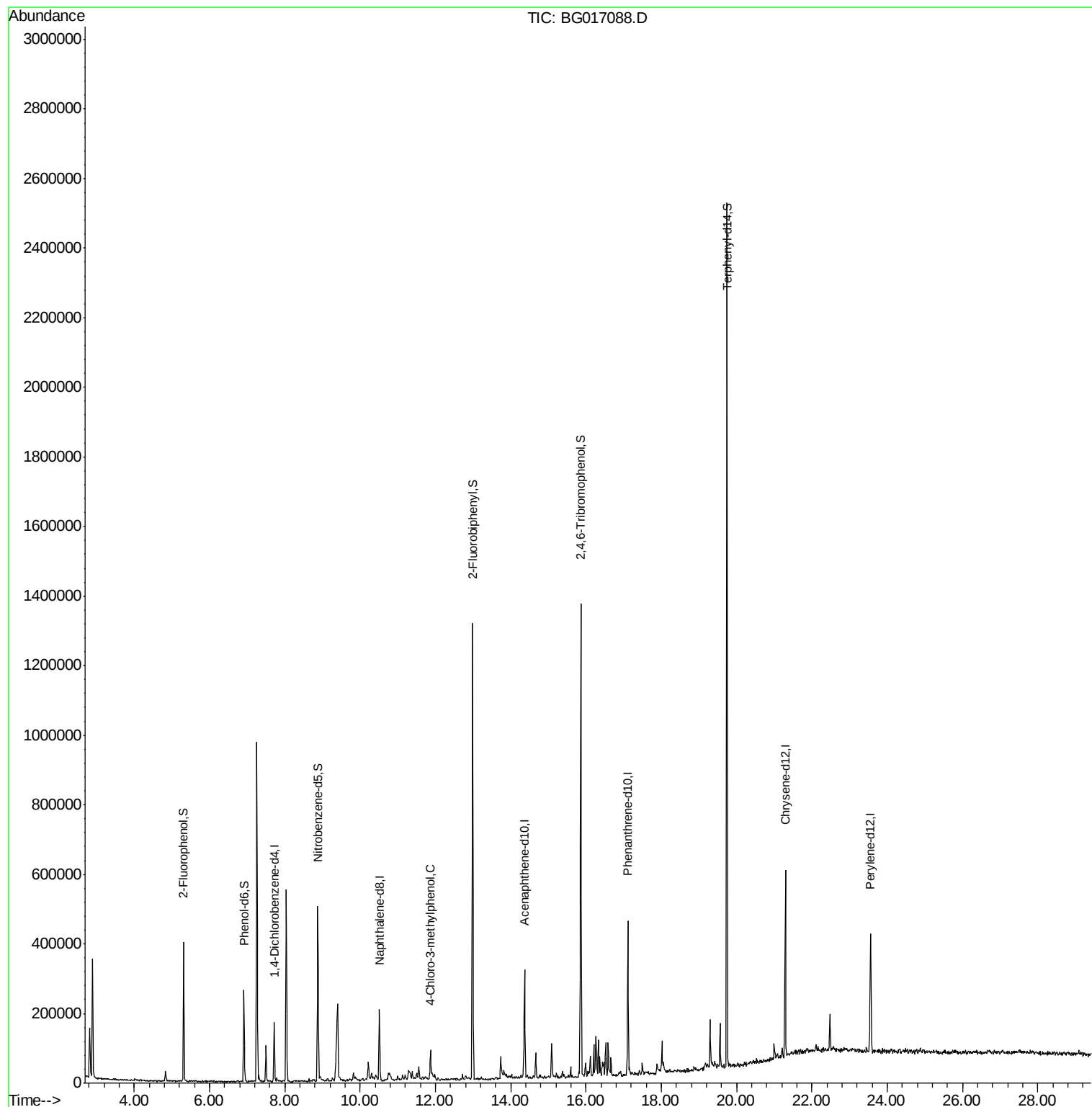
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	35149	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	139962	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	91296	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	225758	20.00	ng	0.00
75) Chrysene-d12	21.30	240	237734	20.00	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						
36) 4-Chloro-3-methylphenol	11.87	107	16772	6.50	ng	Qvalue # 19

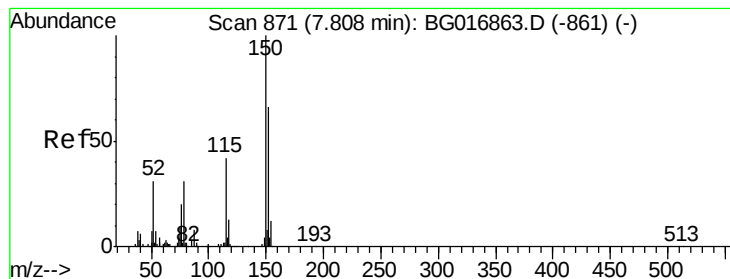
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_G

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TU021-TW-04

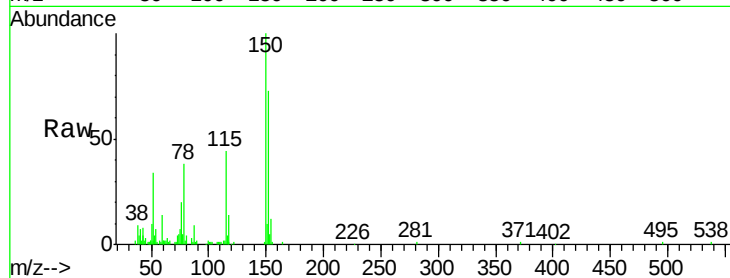
Tgt Ion:152 Resp: 35149

Ion Ratio Lower Upper

152 100

150 137.0 121.0 181.4

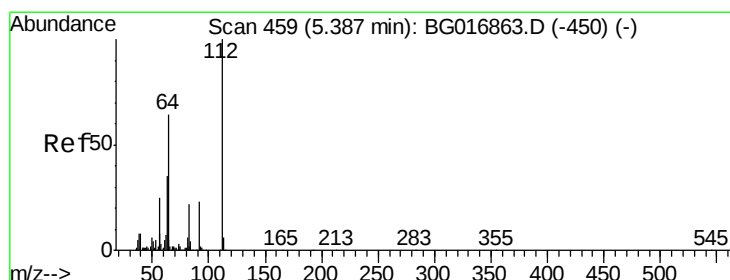
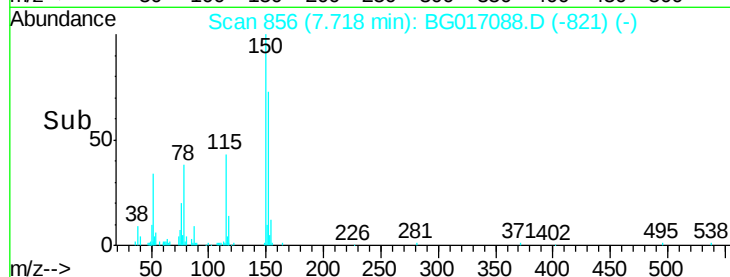
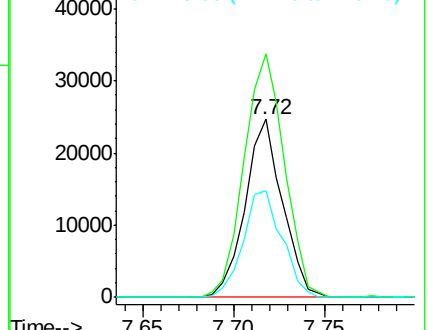
115 60.2 50.5 75.7



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

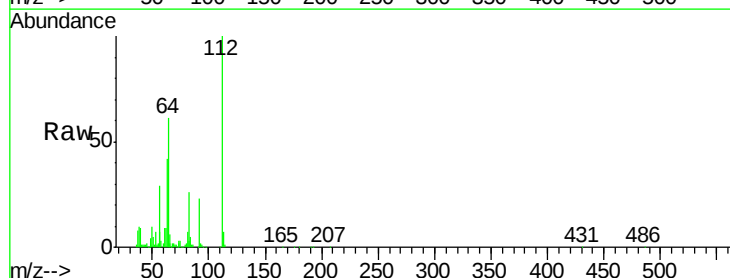
Tgt Ion:112 Resp: 129129

Ion Ratio Lower Upper

112 100

64 61.2 51.4 77.2

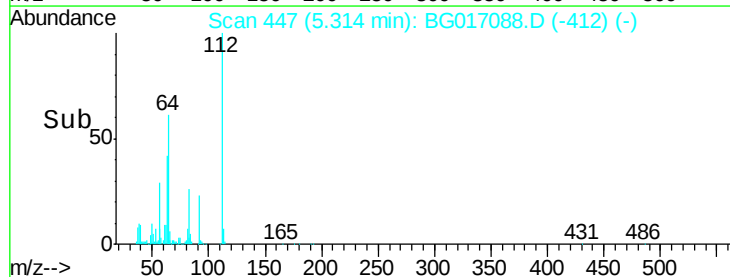
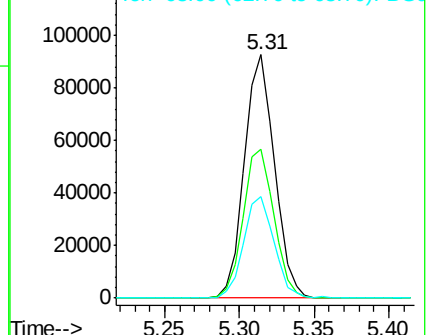
63 41.7 28.1 42.1

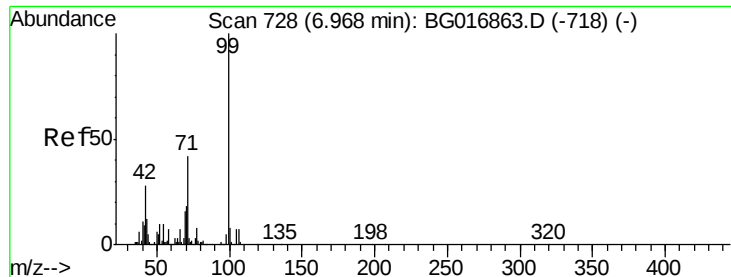


Abundance Ion 112.00 (111.70 to 112.70): E

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

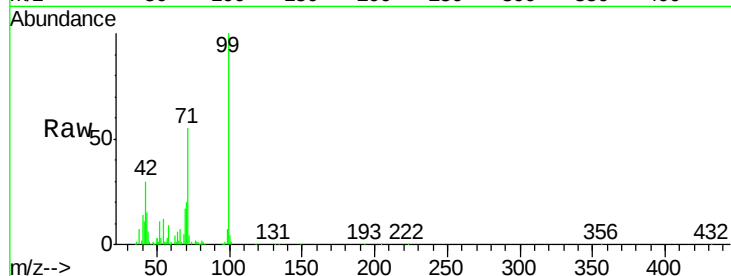
Tgt Ion: 99 Resp: 107236

Ion Ratio Lower Upper

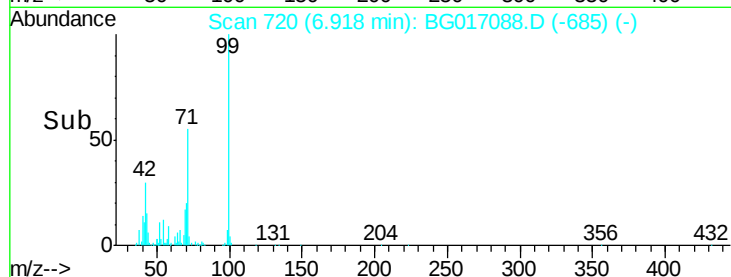
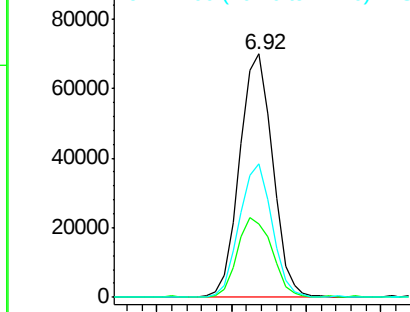
99 100

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

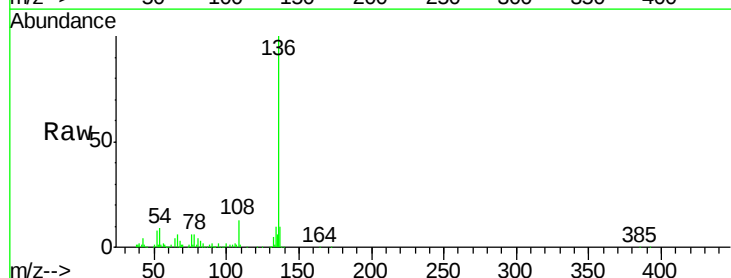
Ion Ratio Lower Upper

136 100

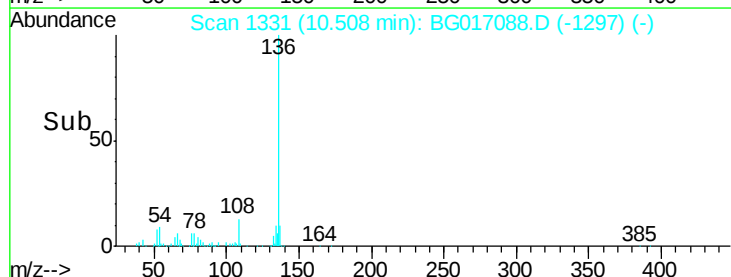
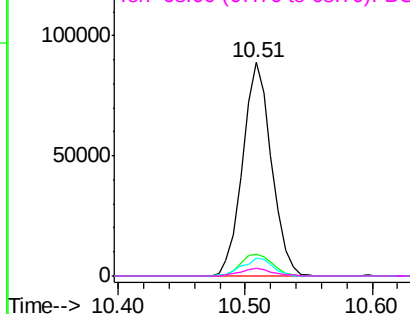
137 10.3 9.8 14.8

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

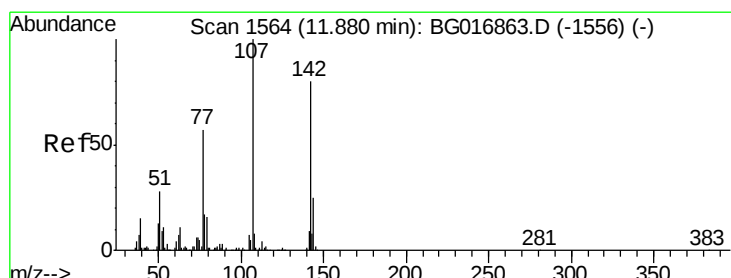
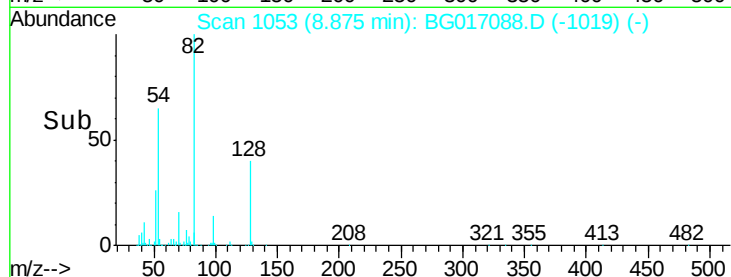
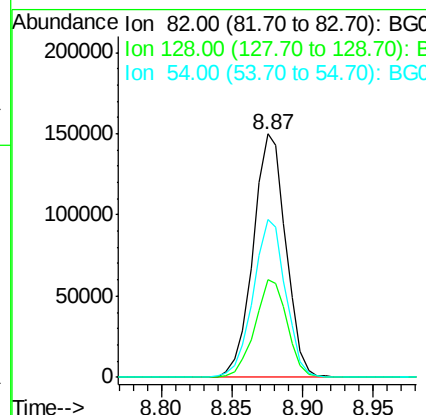
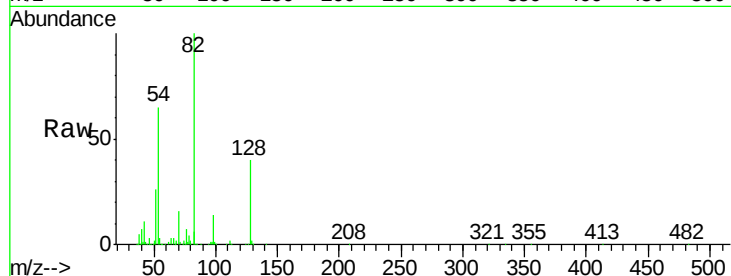




#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 8.87 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG017088.D
 Acq: 12 May 2015 18:17

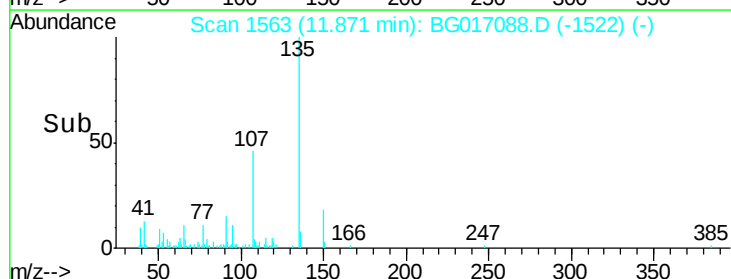
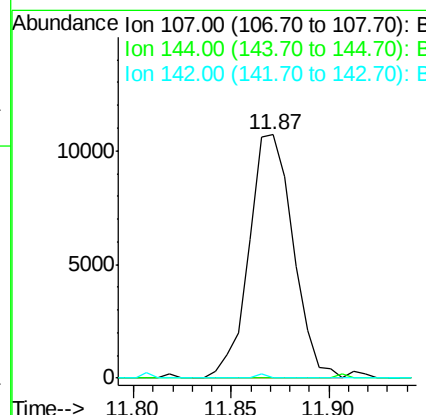
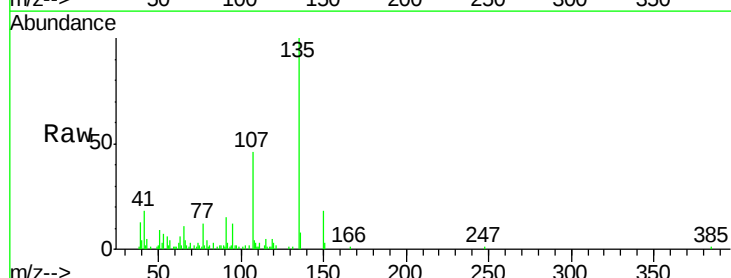
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-04

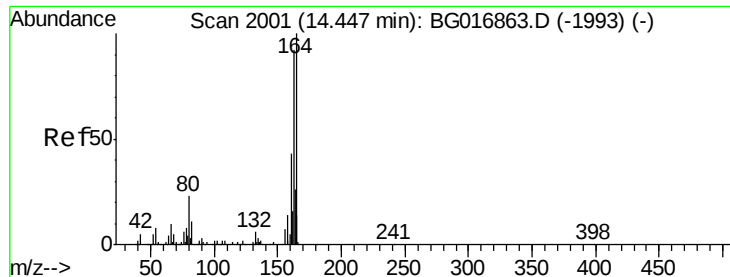
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.2	49.8
54	65.0	48.6	72.8



#36
 4-Chloro-3-methylphenol
 Concen: 6.50 ng
 RT: 11.87 min Scan# 1563
 Delta R.T. 0.04 min
 Lab File: BG017088.D
 Acq: 12 May 2015 18:17

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





#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

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

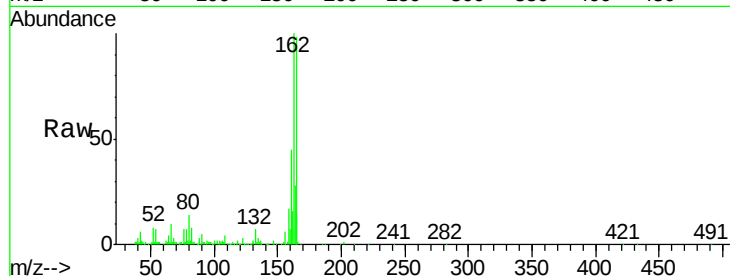
Tgt Ion:164 Resp: 91296

Ion Ratio Lower Upper

164 100

162 102.3 74.0 111.0

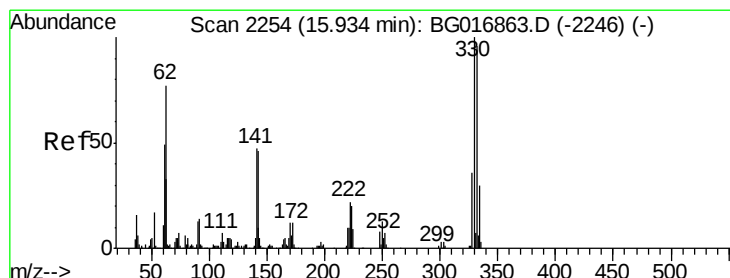
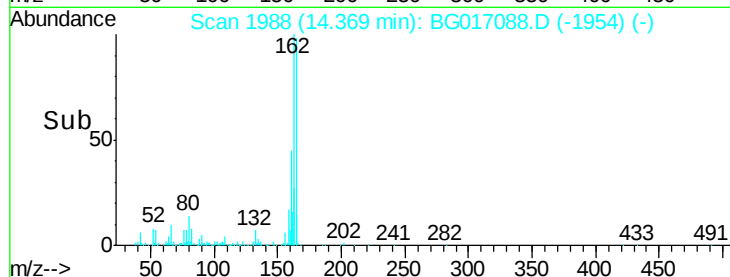
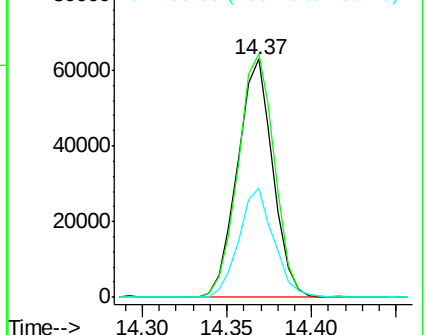
160 45.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

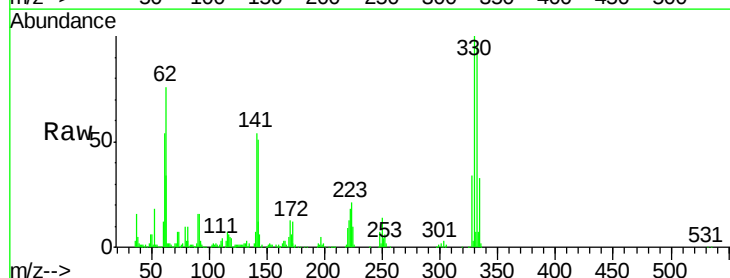
Tgt Ion:330 Resp: 182410

Ion Ratio Lower Upper

330 100

332 98.1 0.0 0.0#

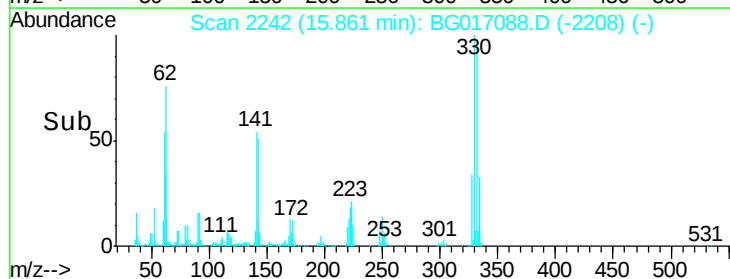
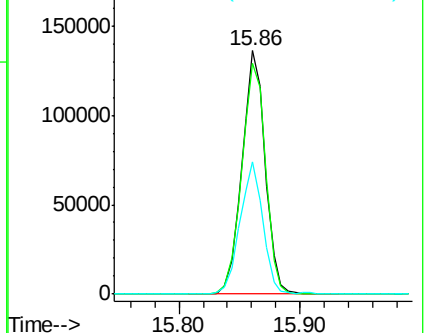
141 53.6 0.0 0.0#

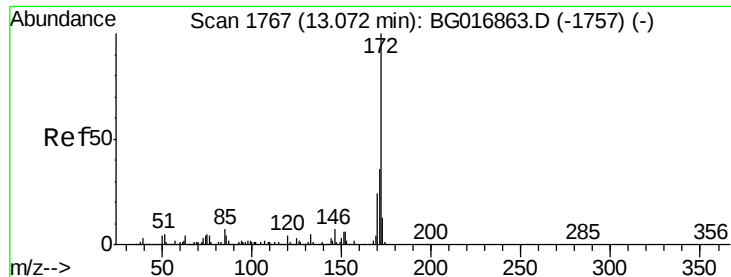


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

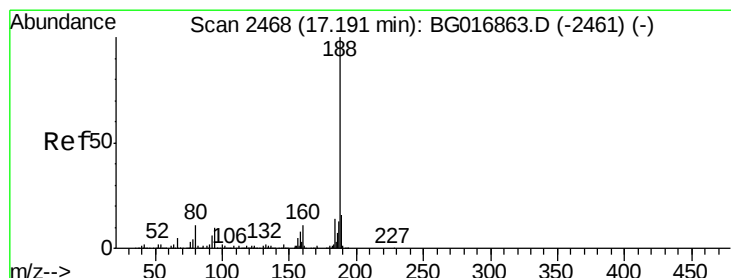
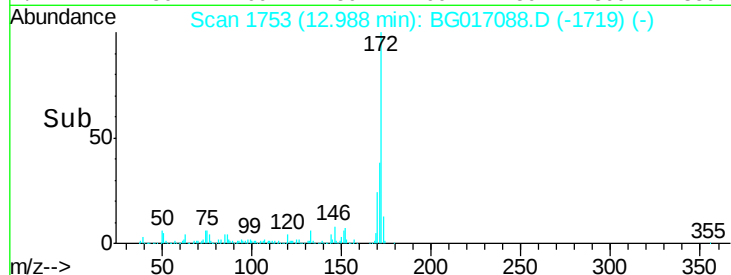
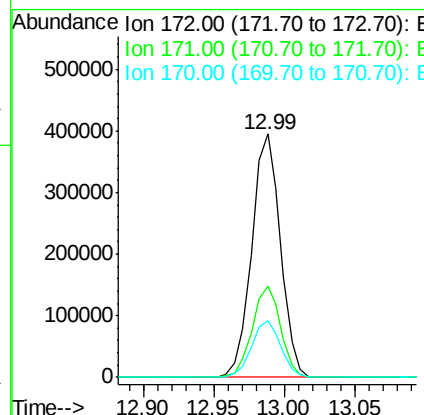
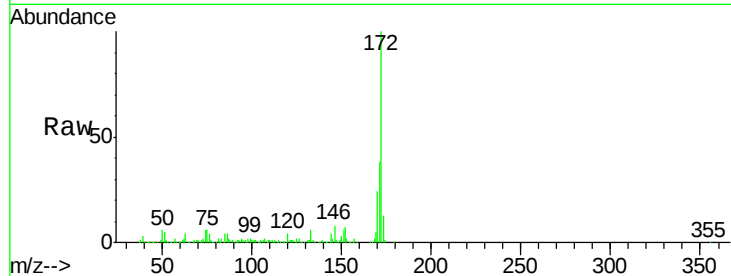




#44
 2-Fluorobiphenyl
 Concen: 93.07 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017088.D
 Acq: 12 May 2015 18:17

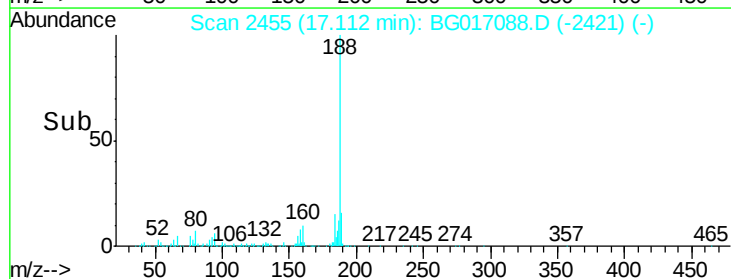
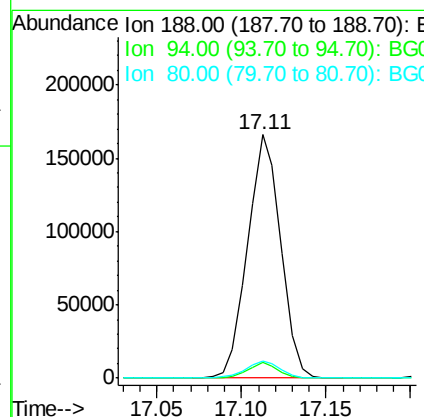
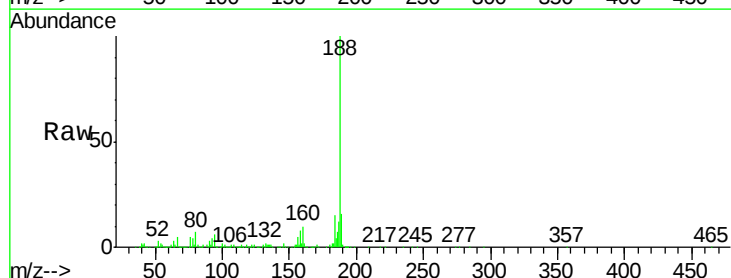
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-04

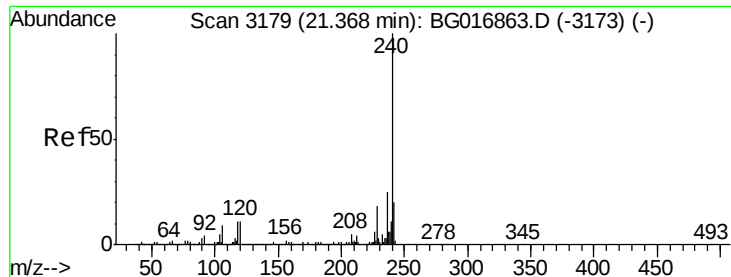
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.4
170	23.6	19.0	28.4



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

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	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. -0.01 min

Lab File: BG017088.D

Acq: 12 May 2015 18:17

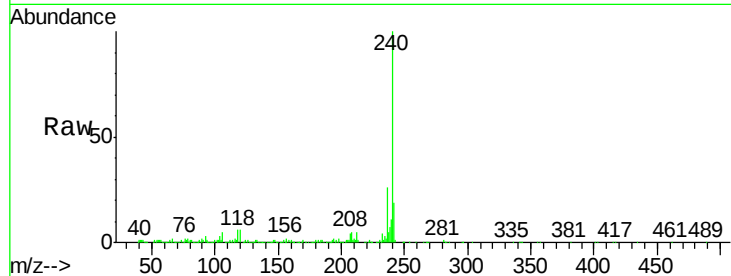
Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

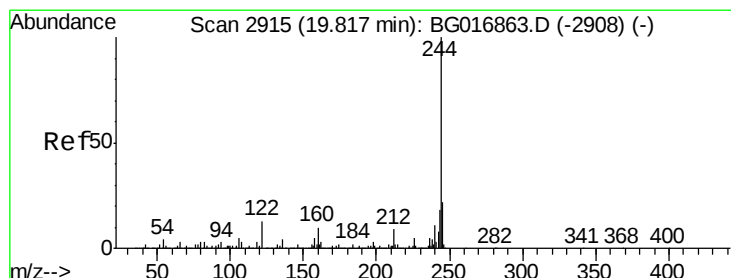
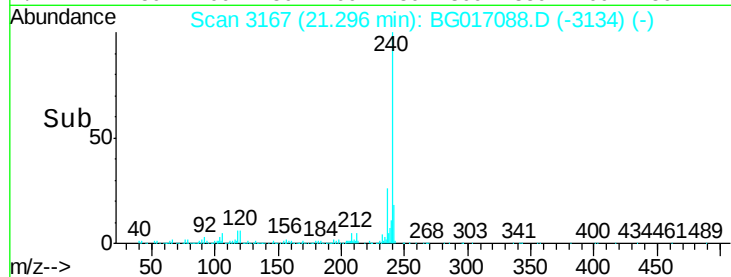
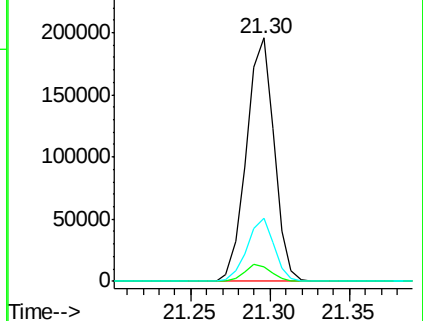
Tgt Ion:	240	Resp:	237734
Ion Ratio	Lower	Upper	
240	100		
120	6.1	9.1	13.7#
236	25.7	20.2	30.4



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

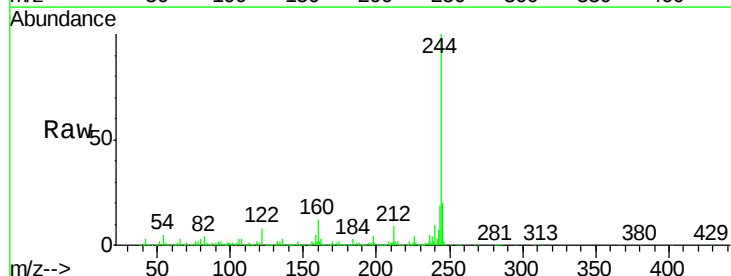
RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017088.D

Acq: 12 May 2015 18:17

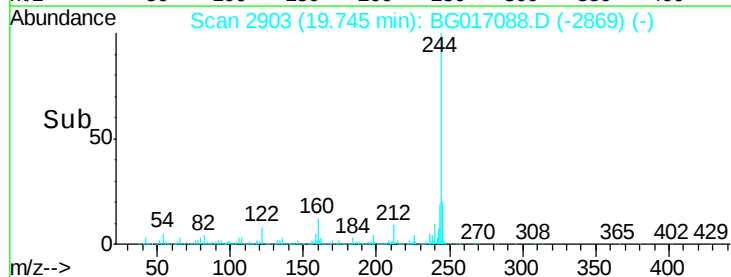
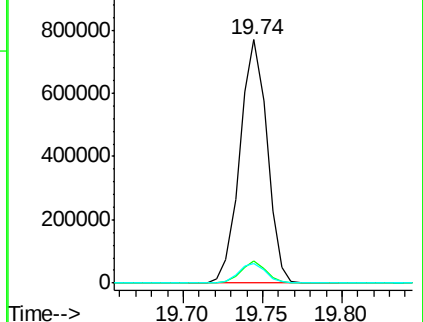
Tgt Ion:	244	Resp:	913717
Ion Ratio	Lower	Upper	
244	100		
212	8.9	7.0	10.6
122	8.3	10.4	15.6#

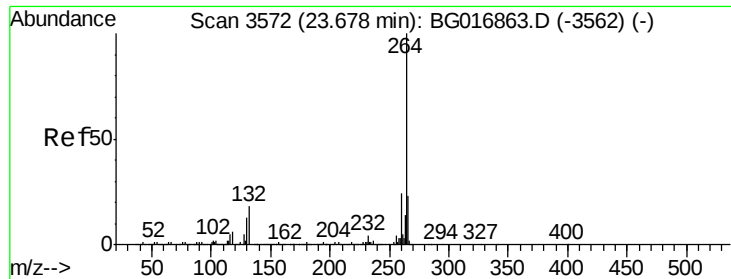


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_G

ClientSampleId :

TU021-TW-04

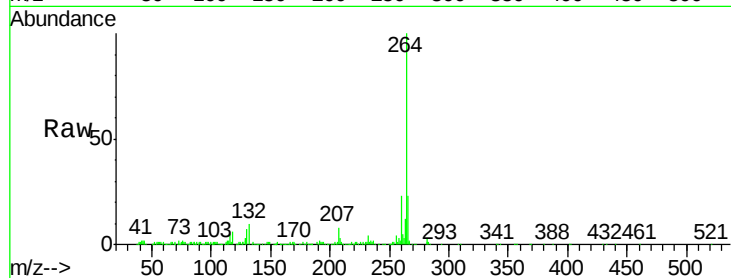
Tgt Ion:264 Resp: 239206

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

