

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017089.D
 Acq On : 12 May 2015 18:52
 Operator : TP/IZ
 Sample : G2194-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-03

Quant Time: May 13 03:42:15 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

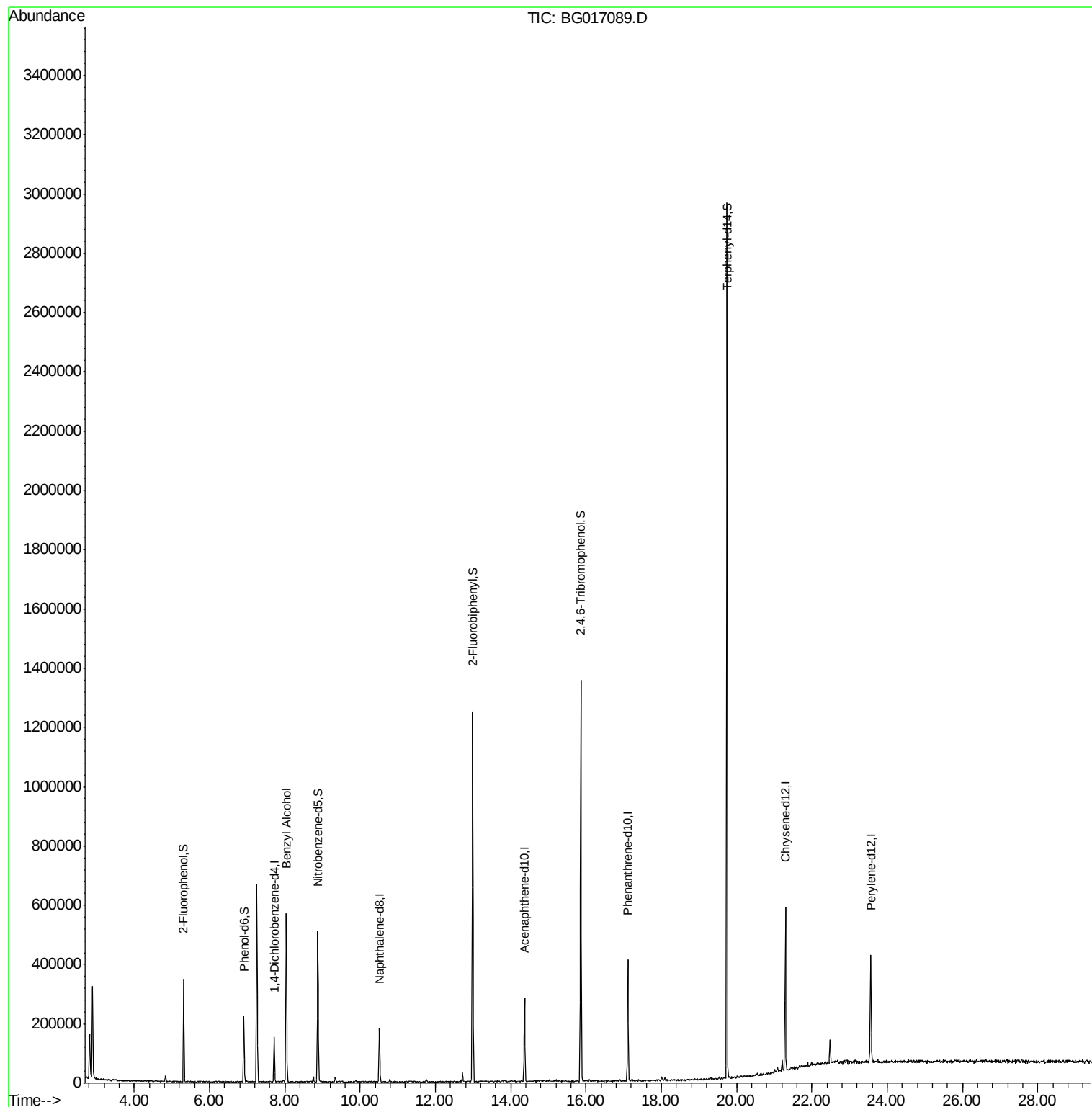
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	30652	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	124172	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	81478	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	210515	20.00	ng	0.00
75) Chrysene-d12	21.30	240	237258	20.00	ng	0.00
86) Perylene-d12	23.56	264	241113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	111671	63.44	ng	0.00
7) Phenol-d6	6.92	99	92001	36.58	ng	0.00
23) Nitrobenzene-d5	8.88	82	237979	93.63	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	184078	225.05	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	534860	99.06	ng	0.00
78) Terphenyl-d14	19.74	244	1090756	107.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.04	79	4773	2.08	ng	# 28
32) Benzoic acid	9.80	122	56	Below Cal		# 34

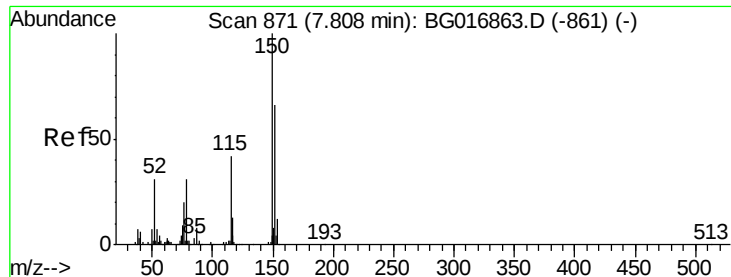
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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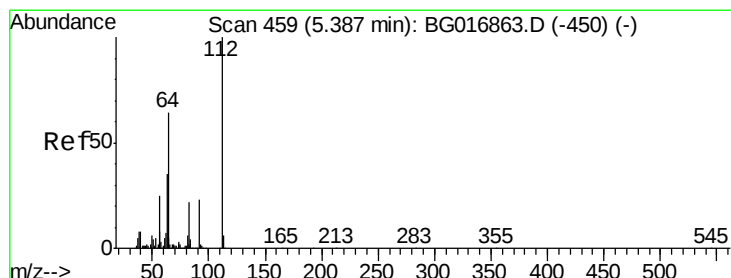
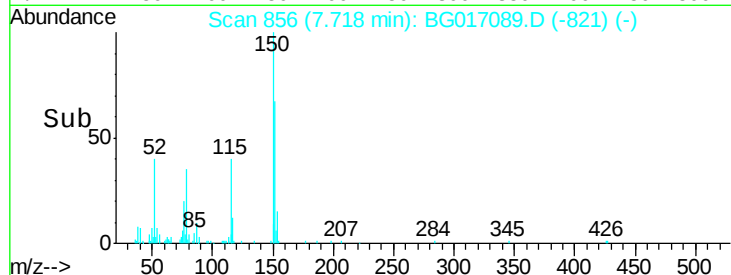
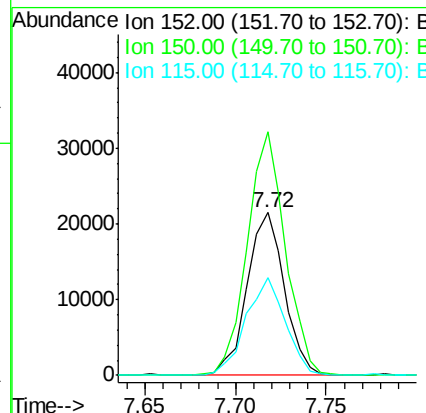
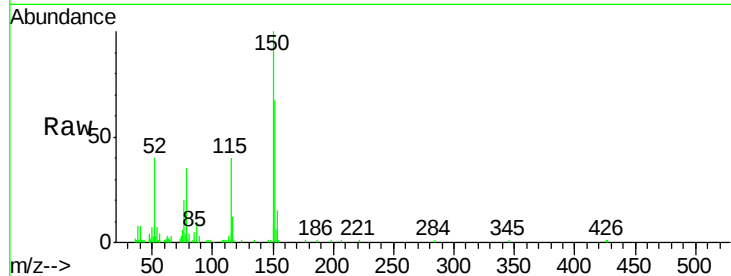


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG017089.D
Acq: 12 May 2015 18:52

Instrument :
BNA_G
ClientSampleId :
TU012-TW-03

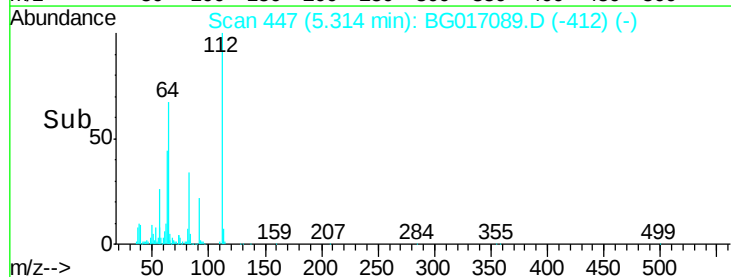
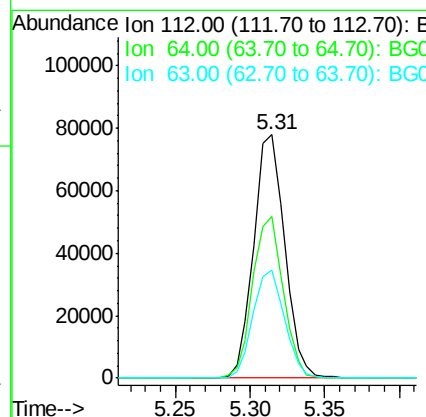
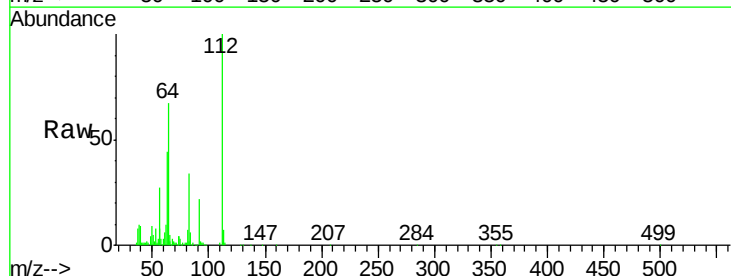
Tgt Ion:152 Resp: 30652
Ion Ratio Lower Upper
152 100
150 149.8 121.0 181.4
115 60.1 50.5 75.7

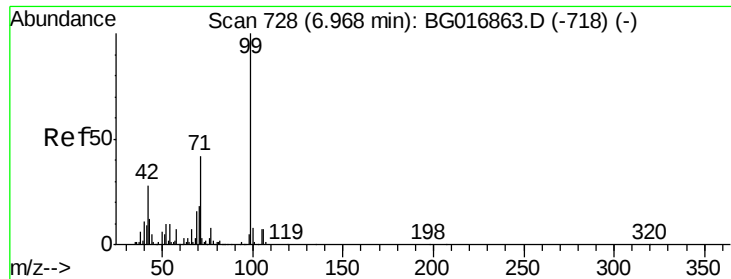


#5

2-Fluorophenol
Concen: 63.44 ng
RT: 5.31 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG017089.D
Acq: 12 May 2015 18:52

Tgt Ion:112 Resp: 111671
Ion Ratio Lower Upper
112 100
64 66.6 51.4 77.2
63 44.3 28.1 42.1#





#7

Phenol-d6

Concen: 36.58 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG017089.D

Acq: 12 May 2015 18:52

Instrument :

BNA_G

ClientSampleId :

TU012-TW-03

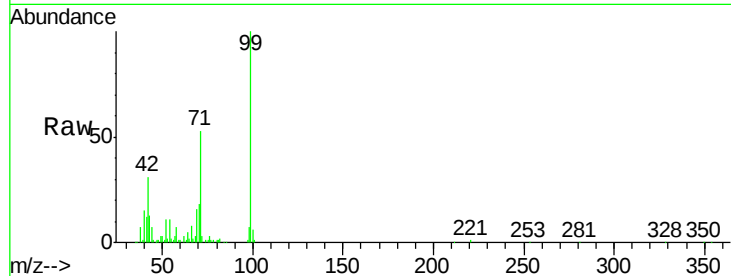
Tgt Ion: 99 Resp: 92001

Ion Ratio Lower Upper

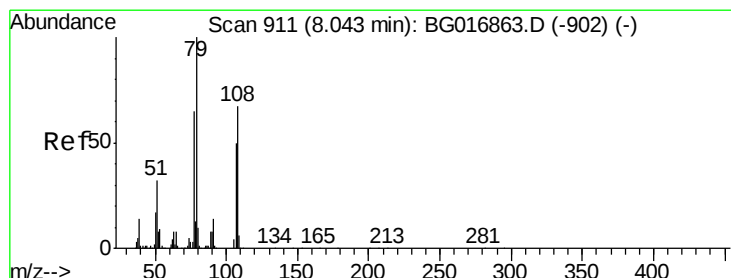
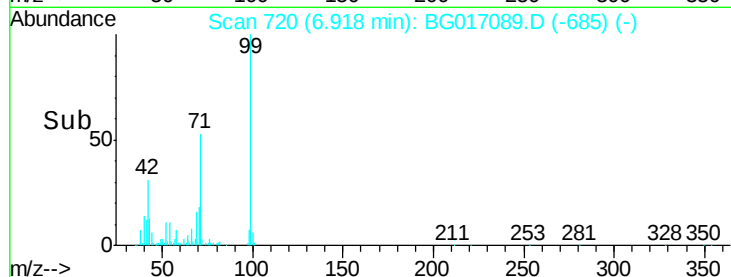
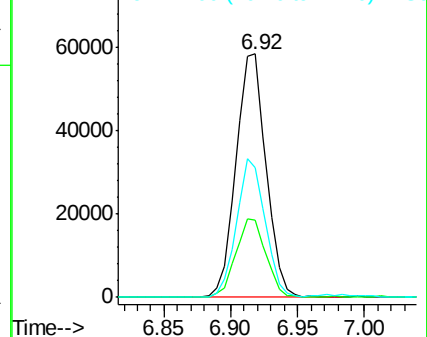
99 100

42 31.5 22.1 33.1

71 53.3 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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.08 min

Lab File: BG017089.D

Acq: 12 May 2015 18:52

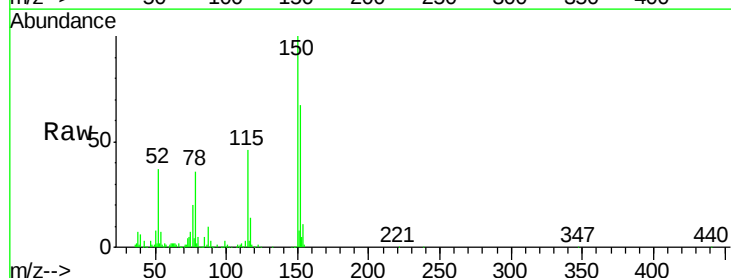
Tgt Ion: 79 Resp: 4773

Ion Ratio Lower Upper

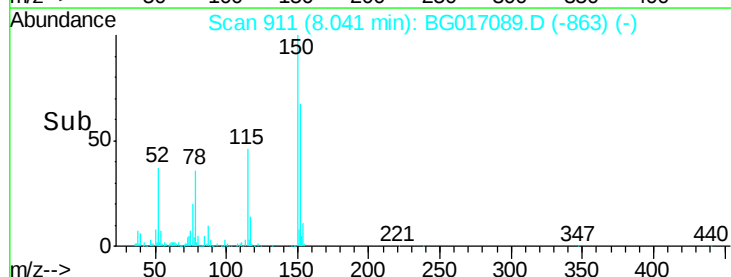
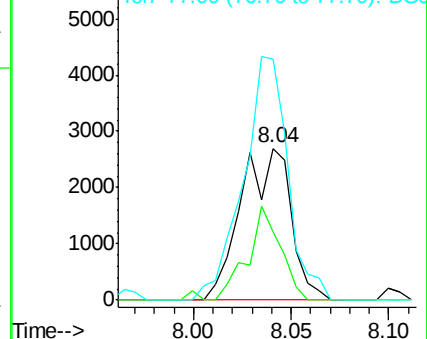
79 100

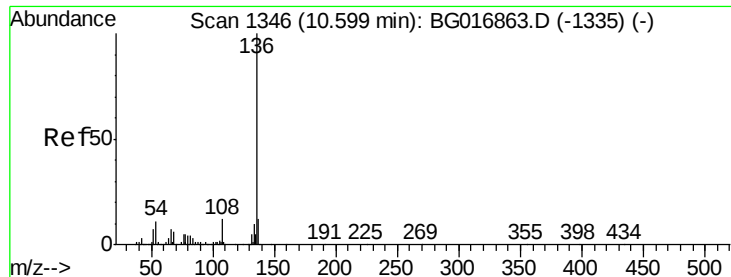
108 45.3 53.4 80.2#

77 158.8 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

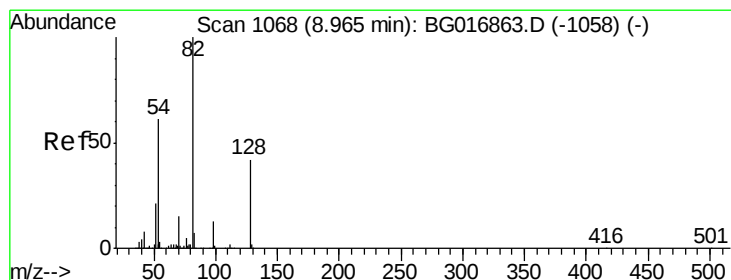
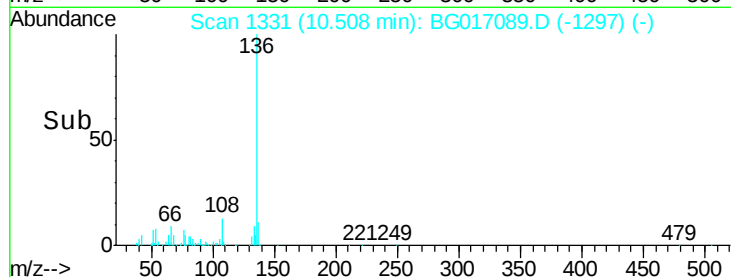
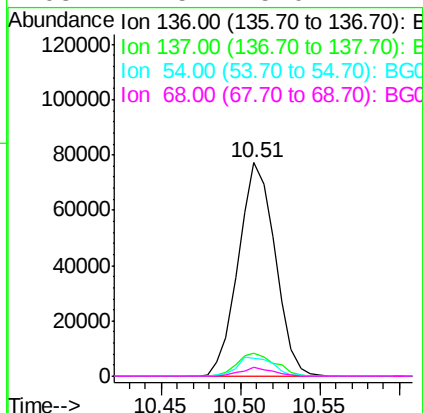
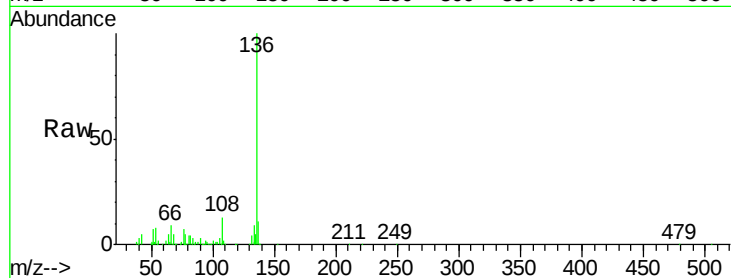




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG017089.D
Acq: 12 May 2015 18:52

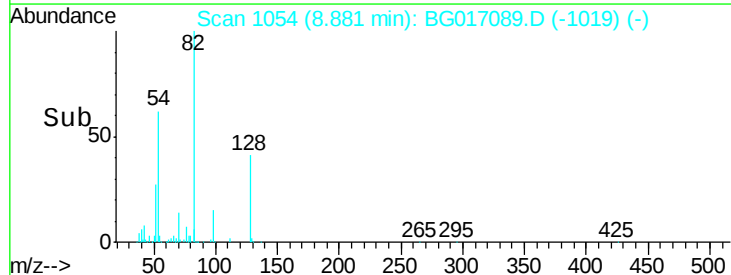
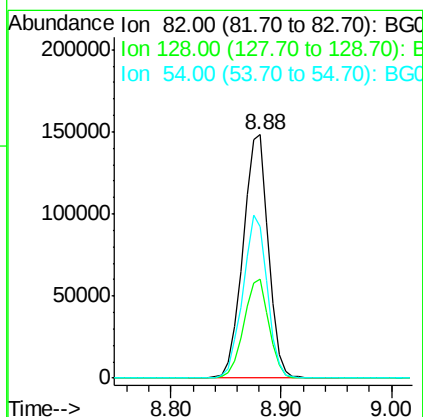
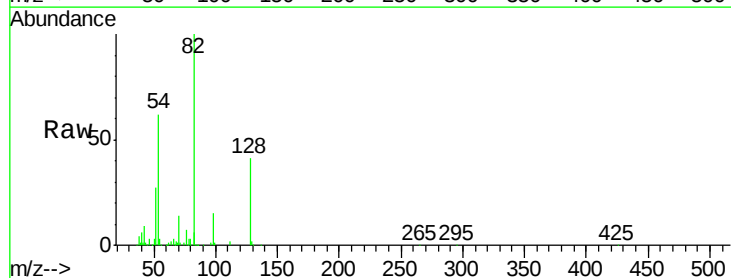
Instrument :
BNA_G
ClientSampleId :
TU012-TW-03

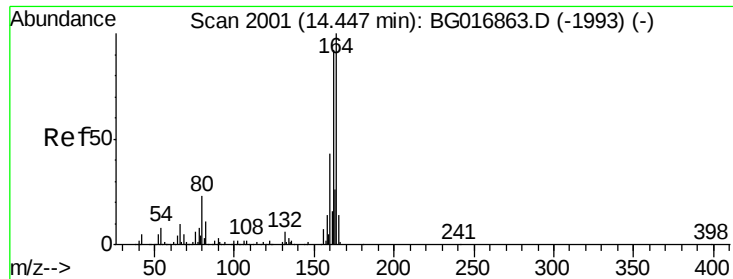
Tgt Ion:	136	Resp:	124172
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	8.2	8.7	13.1#
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 8.88 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG017089.D
Acq: 12 May 2015 18:52

Tgt Ion:	82	Resp:	237979
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.2	49.8
54	62.1	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: BG017089.D

Acq: 12 May 2015 18:52

Instrument :

BNA_G

ClientSampleId :

TU012-TW-03

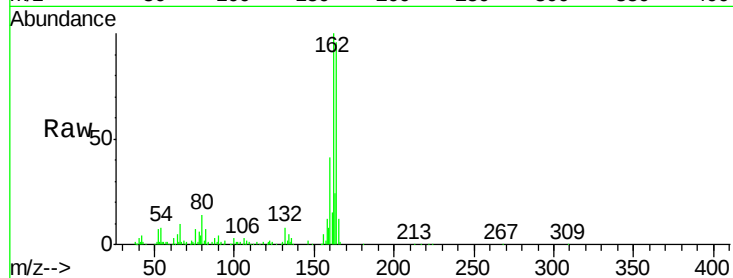
Tgt Ion:164 Resp: 81478

Ion Ratio Lower Upper

164 100

162 104.4 74.0 111.0

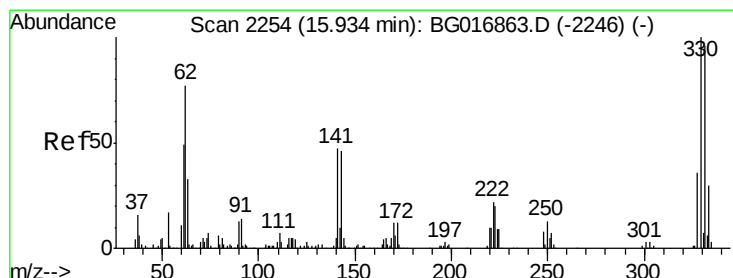
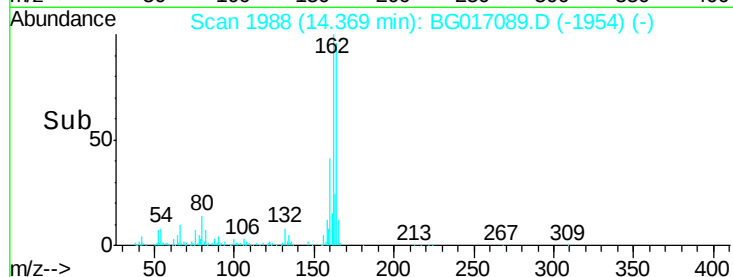
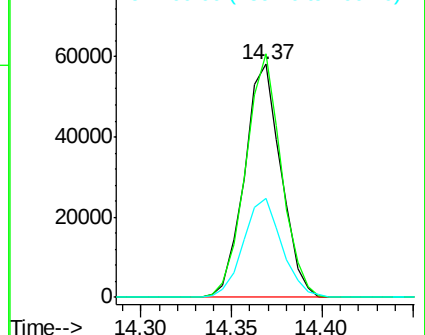
160 42.4 34.7 52.1



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: 225.05 ng

RT: 15.86 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BG017089.D

Acq: 12 May 2015 18:52

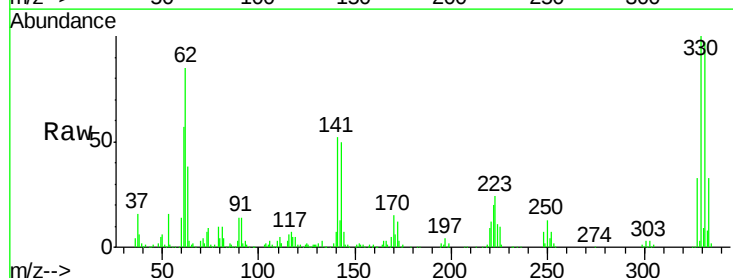
Tgt Ion:330 Resp: 184078

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

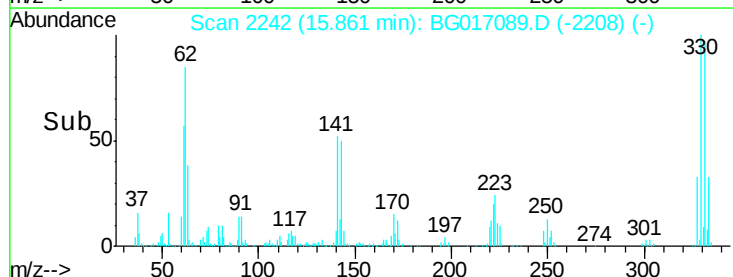
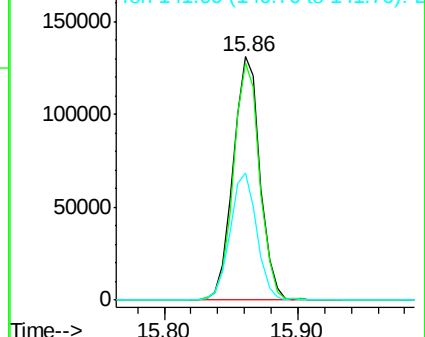
141 52.3 0.0 0.0#

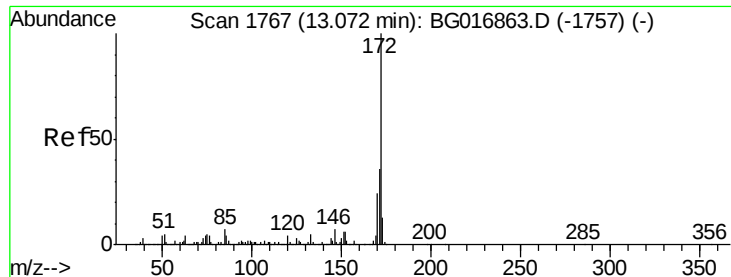


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

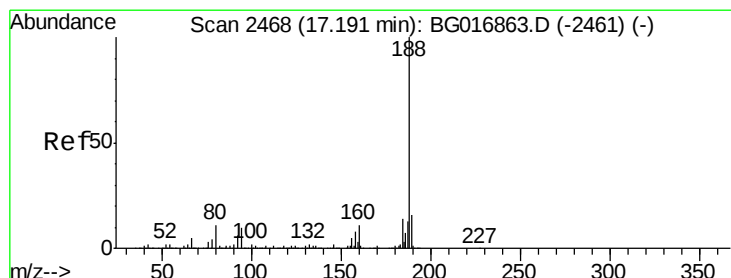
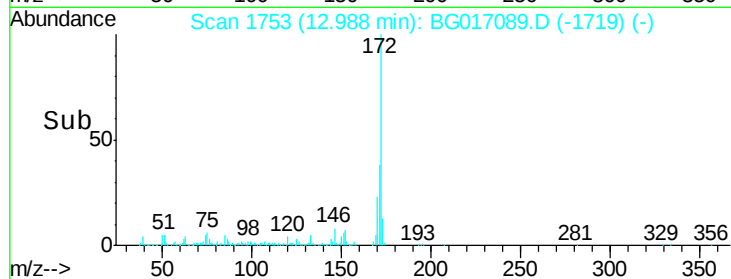
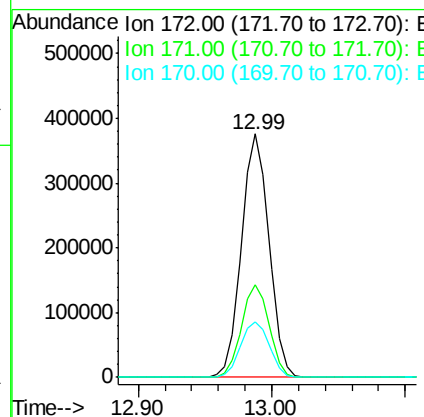
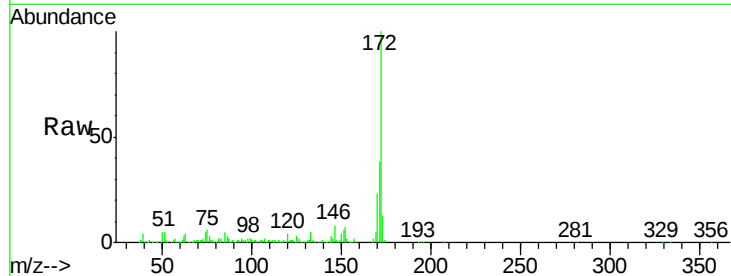




#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017089.D
 Acq: 12 May 2015 18:52

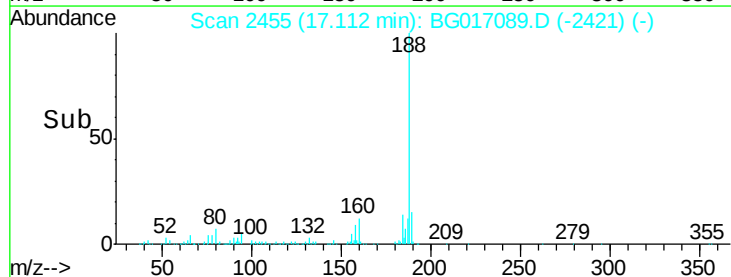
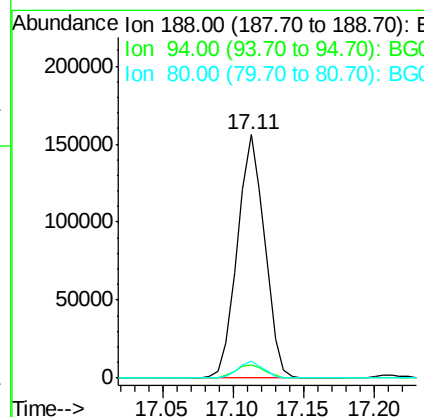
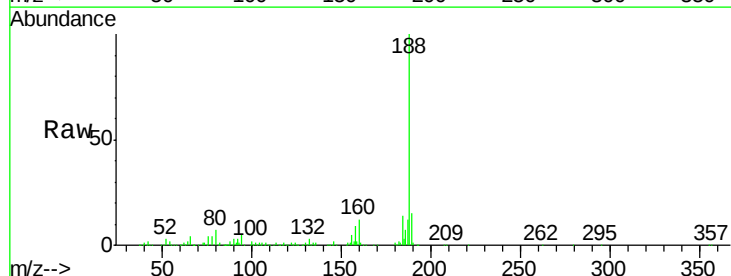
Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-03

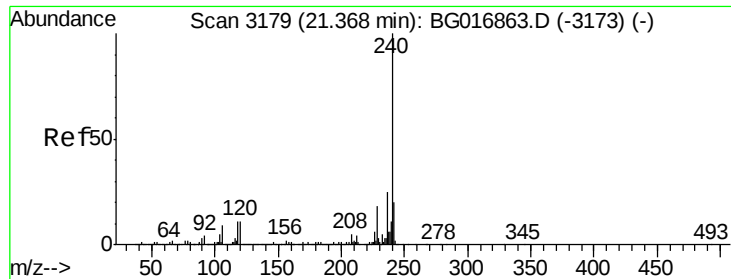
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.4
170	22.8	19.0	28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.11 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG017089.D
 Acq: 12 May 2015 18:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	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. -0.01 min

Lab File: BG017089.D

Acq: 12 May 2015 18:52

Instrument :

BNA_G

ClientSampleId :

TU012-TW-03

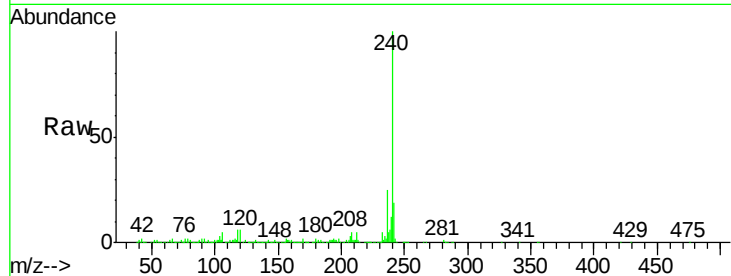
Tgt Ion:240 Resp: 237258

Ion Ratio Lower Upper

240 100

120 6.2 9.1 13.7#

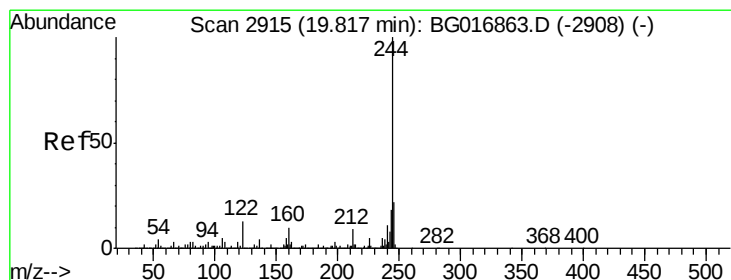
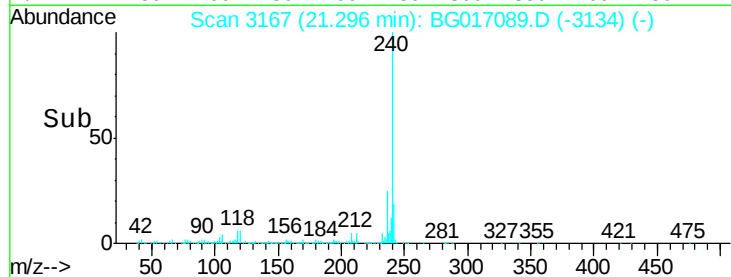
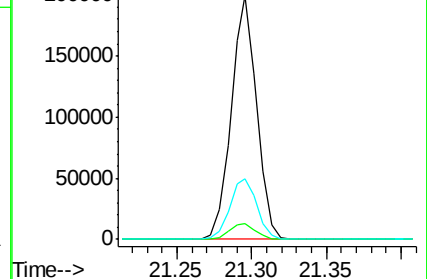
236 25.0 20.2 30.4



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: 107.77 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017089.D

Acq: 12 May 2015 18:52

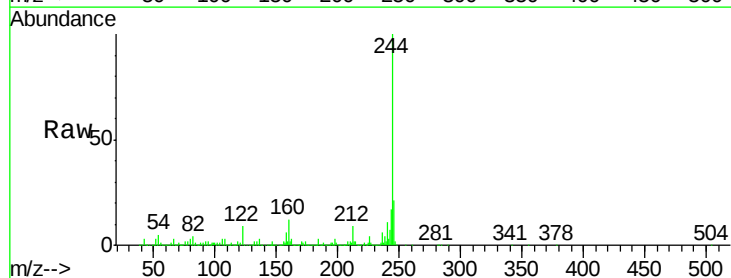
Tgt Ion:244 Resp: 1090756

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

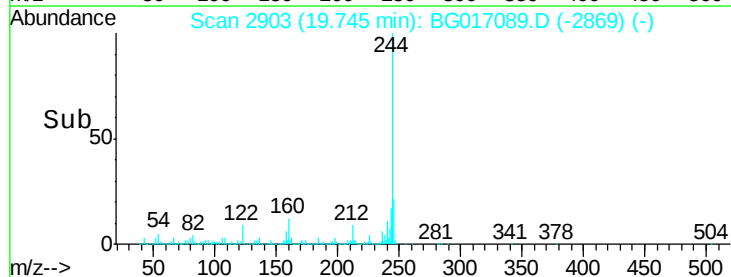
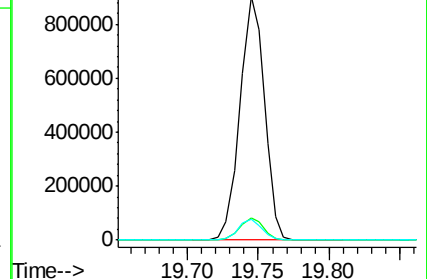
122 8.5 10.4 15.6#

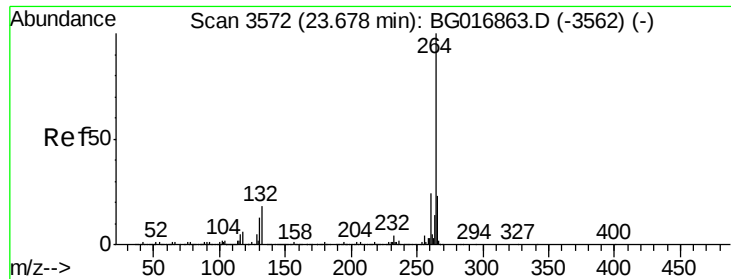


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

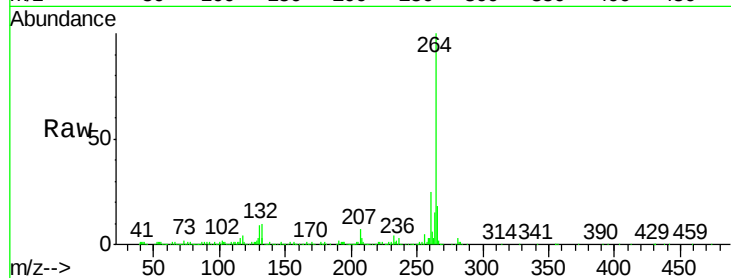




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG017089.D
Acq: 12 May 2015 18:52

Instrument :
BNA_G
ClientSampleId :
TU012-TW-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	18.0	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

