

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017073.D
 Acq On : 12 May 2015 5:03
 Operator : TP/IZ
 Sample : G2143-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: May 12 06:07:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:56:17 2015
 Response via : Initial Calibration

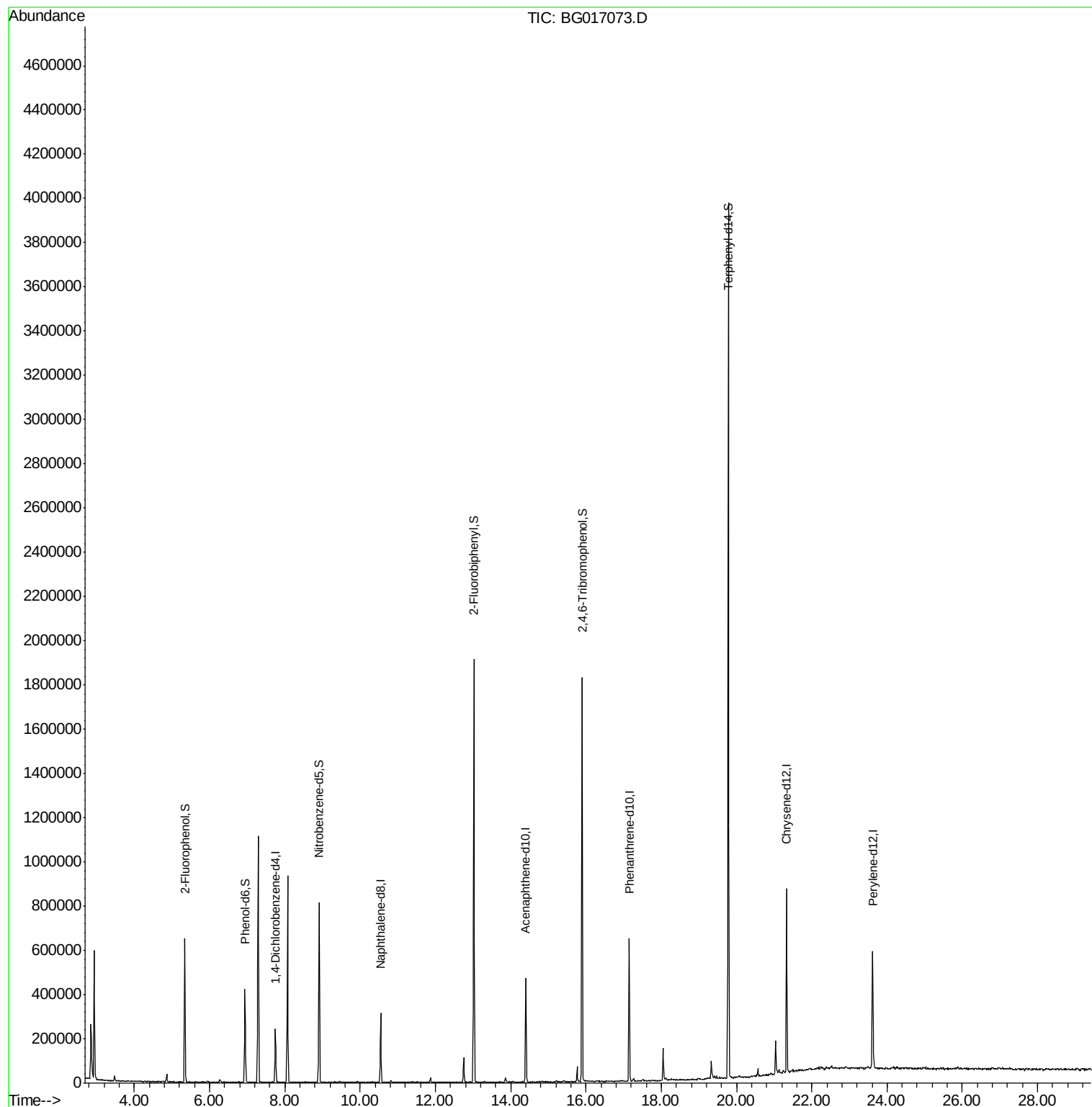
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	55667	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	226187	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	146324	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	346209	20.00	ng	0.00
75) Chrysene-d12	21.33	240	380470	20.00	ng	0.00
86) Perylene-d12	23.62	264	370252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	222024	69.45	ng	0.00
7) Phenol-d6	6.94	99	190641	41.74	ng	0.00
23) Nitrobenzene-d5	8.91	82	411595	88.90	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	259887	176.92	ng	0.00
44) 2-Fluorobiphenyl	13.03	172	843346	86.97	ng	0.00
78) Terphenyl-d14	19.78	244	1446050	89.10	ng	0.00
Target Compounds						
32) Benzoic acid	9.89	122	99	Below Cal	Qvalue #	1

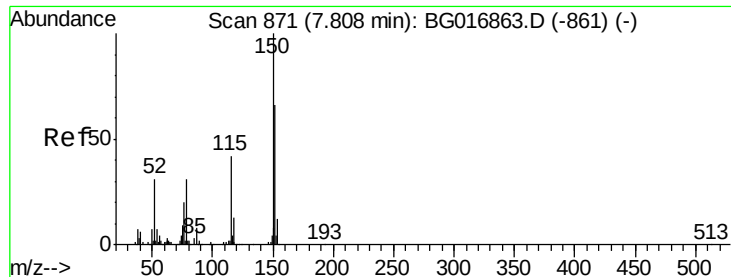
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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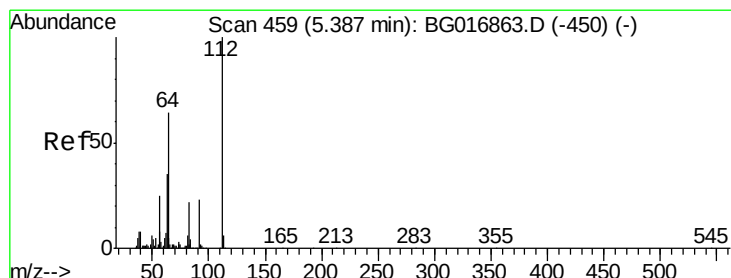
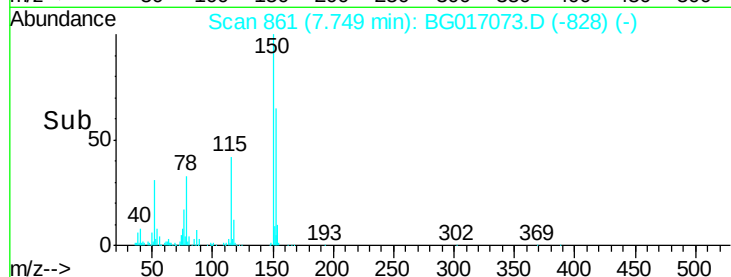
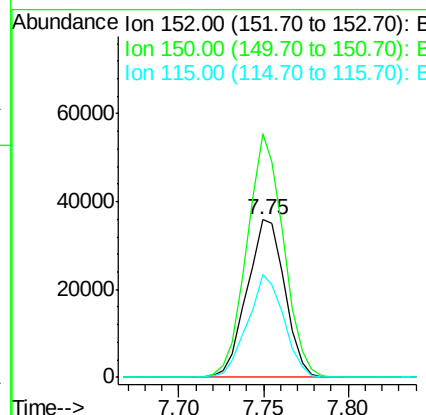
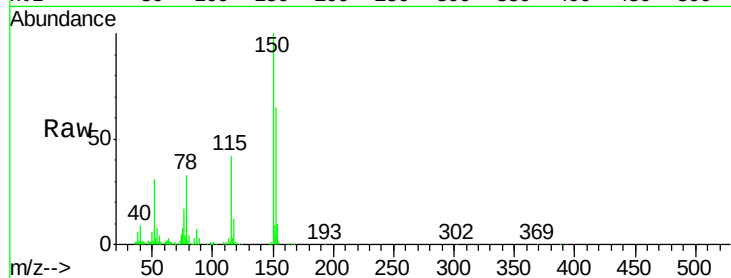


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG017073.D
Acq: 12 May 2015 5:03

Instrument :
BNA_G
ClientSampleId :
MW-10

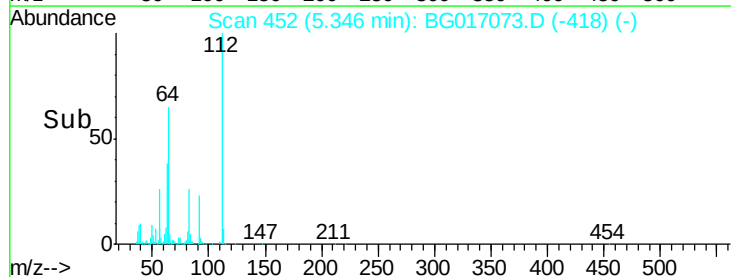
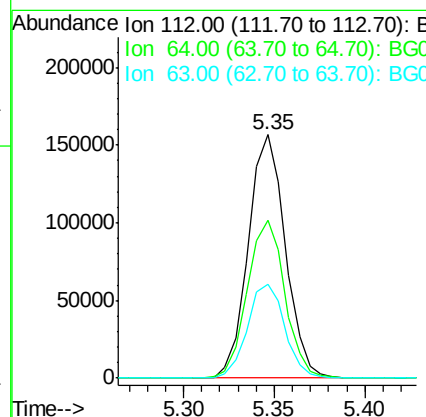
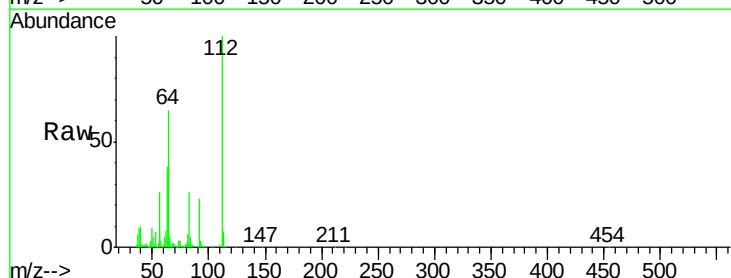
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.0	181.4
115	65.4	50.5	75.7

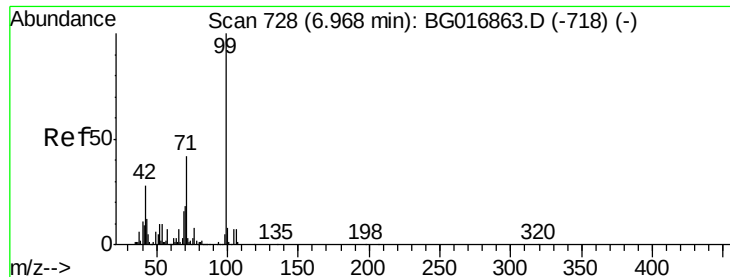


#5

2-Fluorophenol
Concen: 69.45 ng
RT: 5.35 min Scan# 452
Delta R.T. -0.00 min
Lab File: BG017073.D
Acq: 12 May 2015 5:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.4	77.2
63	38.4	28.1	42.1





#7

Phenol-d6

Concen: 41.74 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG017073.D

Acq: 12 May 2015 5:03

Instrument :

BNA_G

ClientSampleId :

MW-10

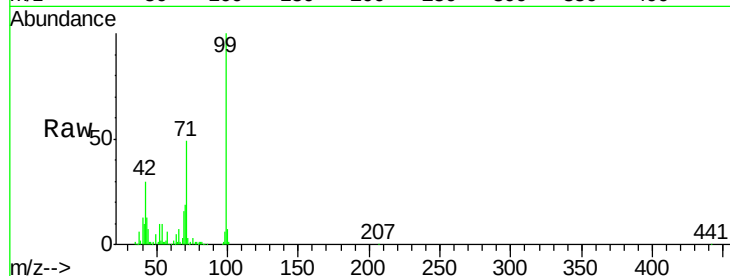
Tgt Ion: 99 Resp: 190641

Ion Ratio Lower Upper

99 100

42 30.2 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

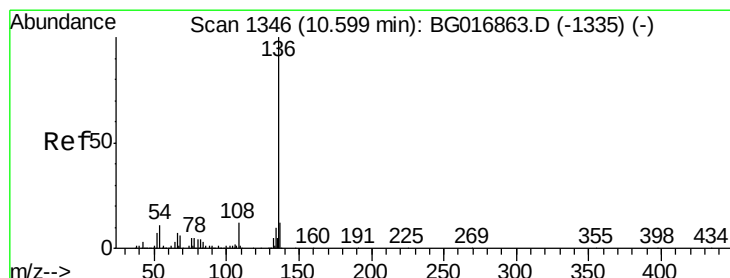
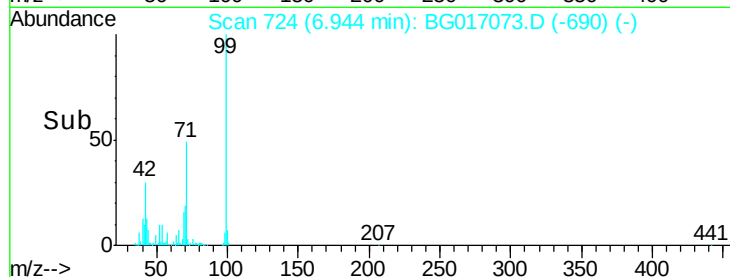
150000

100000

50000

0

Time--> 6.85 6.90 6.95 7.00



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG017073.D

Acq: 12 May 2015 5:03

Tgt Ion: 136 Resp: 226187

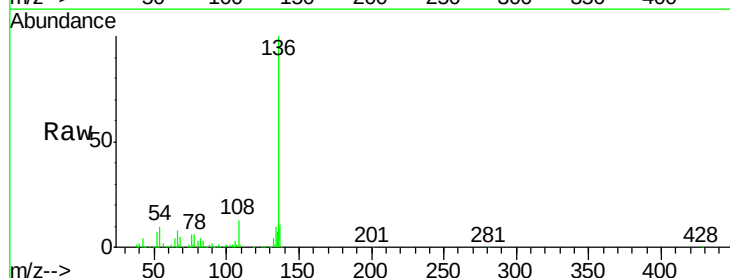
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 9.9 8.7 13.1

68 4.8 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

200000

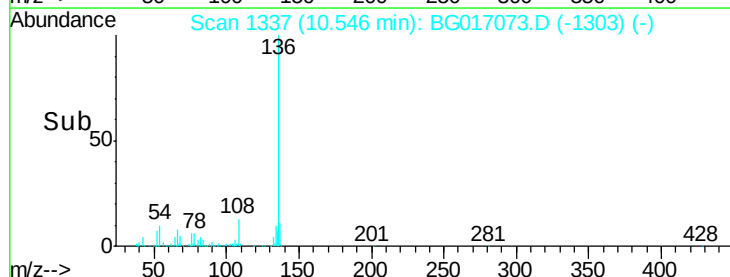
150000

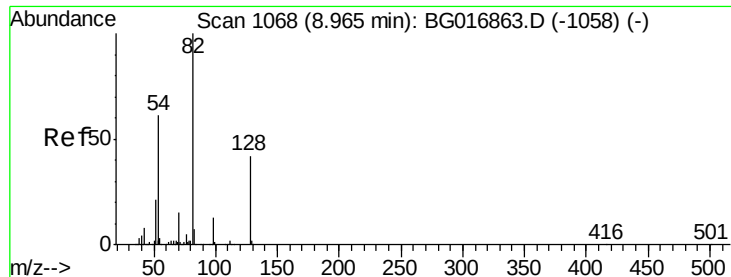
100000

50000

0

Time--> 10.50 10.55 10.60

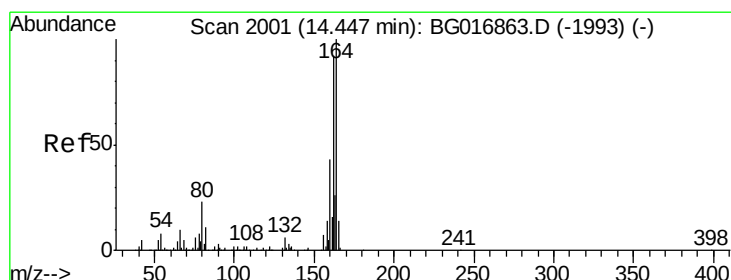
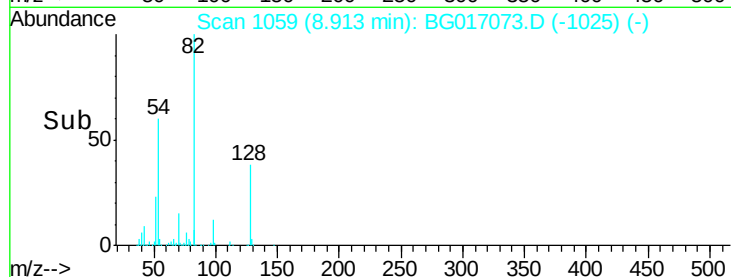
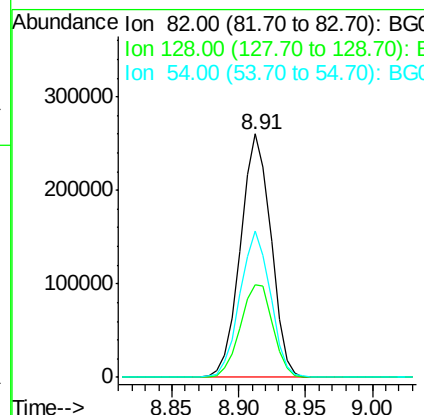
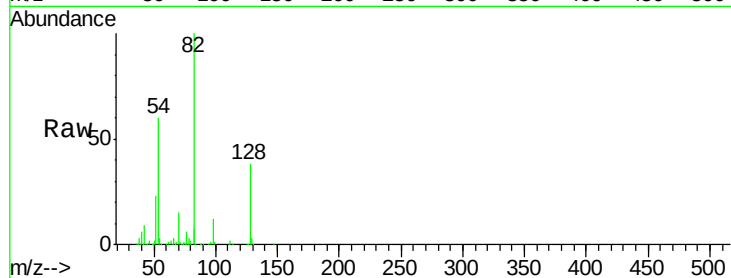




#23
 Nitrobenzene-d5
 Concen: 88.90 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BG017073.D
 Acq: 12 May 2015 5:03

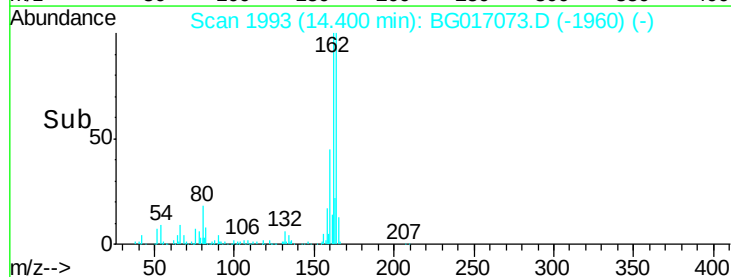
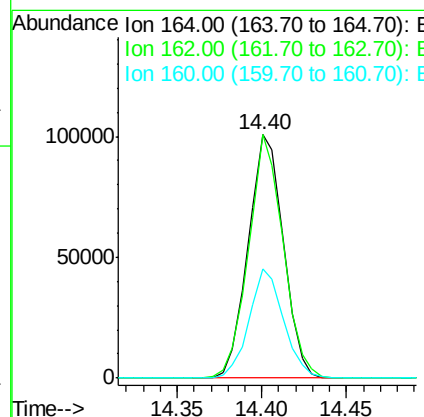
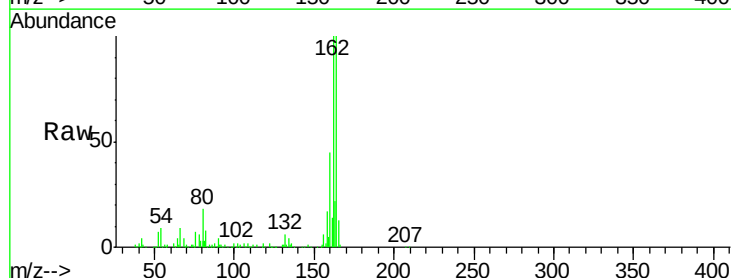
Instrument :
 BNA_G
 ClientSampleId :
 MW-10

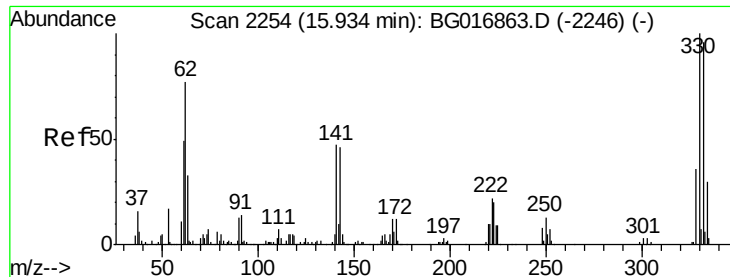
Tgt Ion: 82 Resp: 411595
 Ion Ratio Lower Upper
 82 100
 128 38.1 33.2 49.8
 54 60.3 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG017073.D
 Acq: 12 May 2015 5:03

Tgt Ion: 164 Resp: 146324
 Ion Ratio Lower Upper
 164 100
 162 99.9 74.0 111.0
 160 45.1 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 176.92 ng

RT: 15.90 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BG017073.D

Acq: 12 May 2015 5:03

Instrument :

BNA_G

ClientSampleId :

MW-10

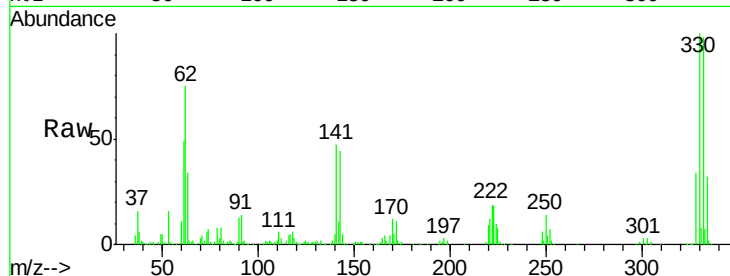
Tgt Ion:330 Resp: 259887

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

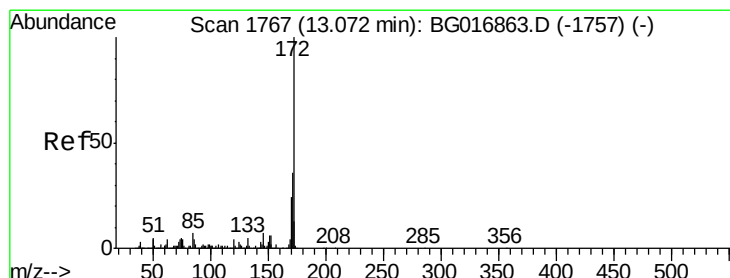
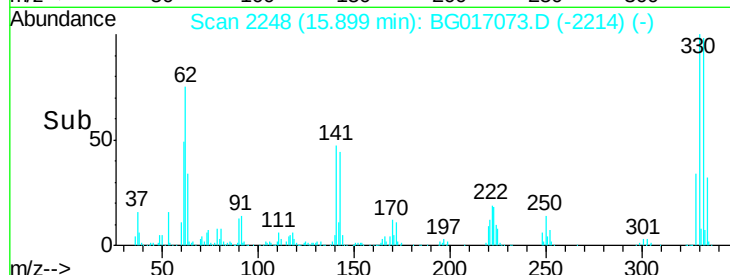
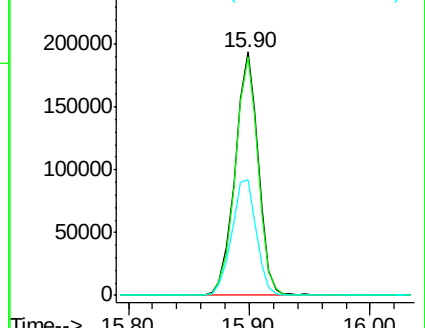
141 50.3 0.0 0.0#



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: 86.97 ng

RT: 13.03 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG017073.D

Acq: 12 May 2015 5:03

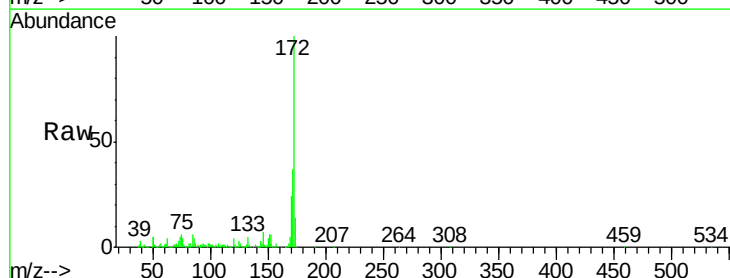
Tgt Ion:172 Resp: 843346

Ion Ratio Lower Upper

172 100

171 37.2 29.0 43.4

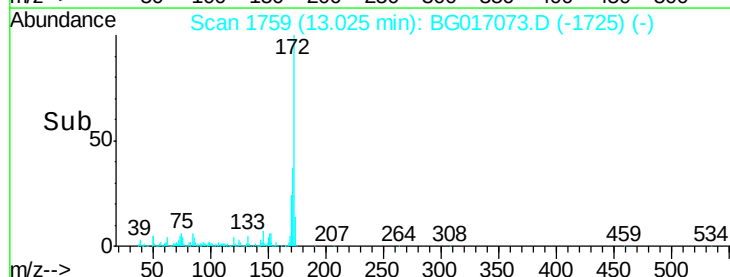
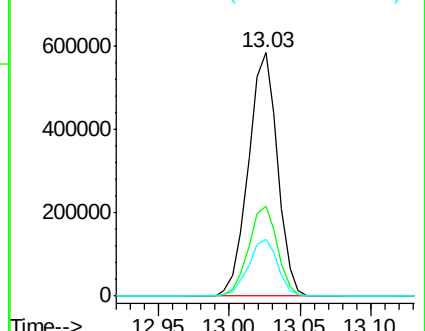
170 23.5 19.0 28.4

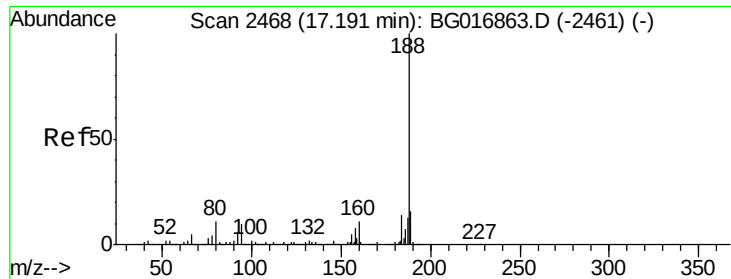


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

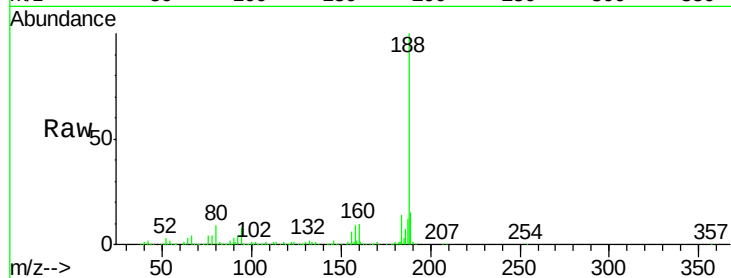




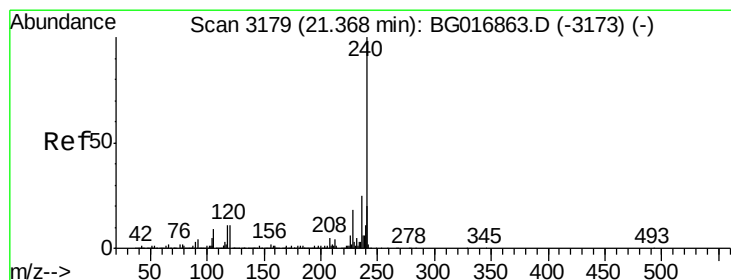
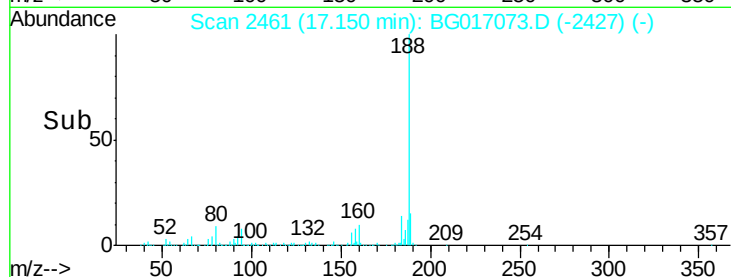
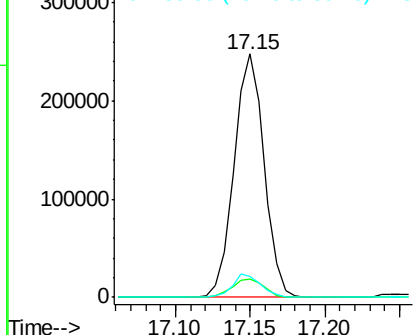
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG017073.D
Acq: 12 May 2015 5:03

Instrument :
BNA_G
ClientSampleId :
MW-10

Tgt Ion:188 Resp: 346209
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.4#
80 8.5 8.8 13.2#

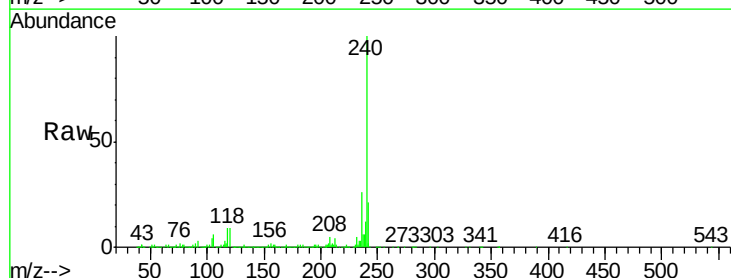


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

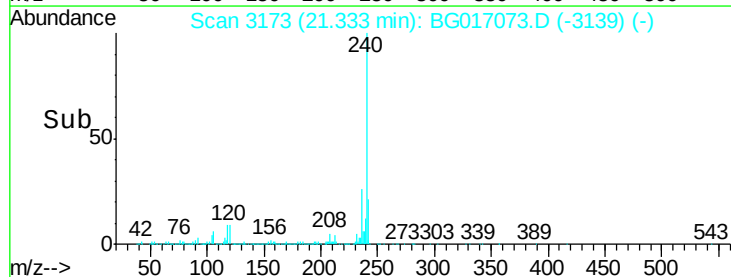
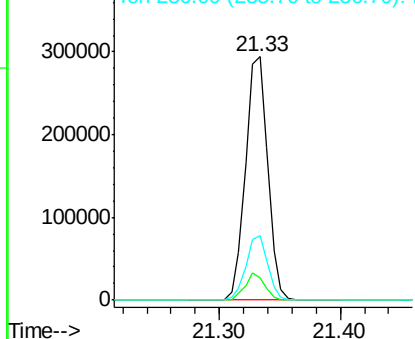


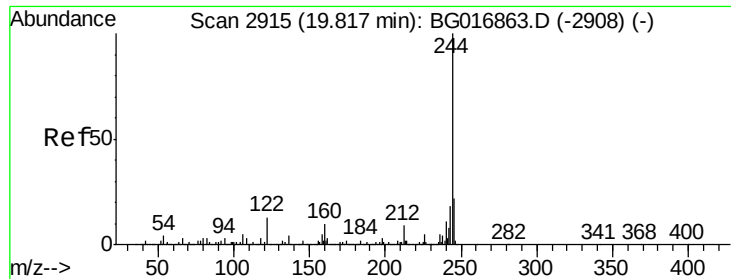
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG017073.D
Acq: 12 May 2015 5:03

Tgt Ion:240 Resp: 380470
Ion Ratio Lower Upper
240 100
120 9.1 9.1 13.7#
236 26.3 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: 89.10 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG017073.D

Acq: 12 May 2015 5:03

Instrument :

BNA_G

ClientSampleId :

MW-10

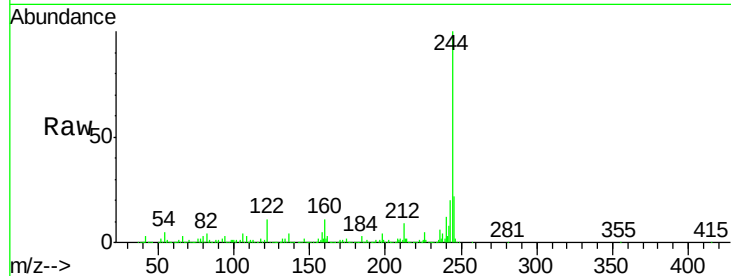
Tgt Ion:244 Resp: 1446050

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

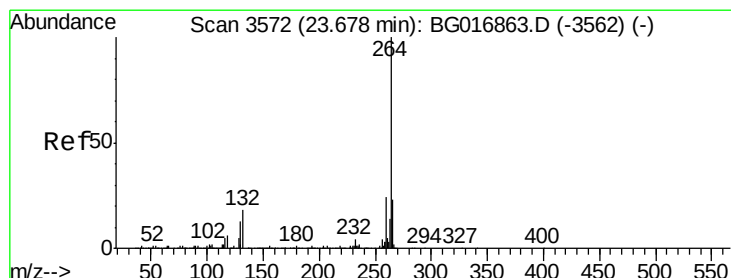
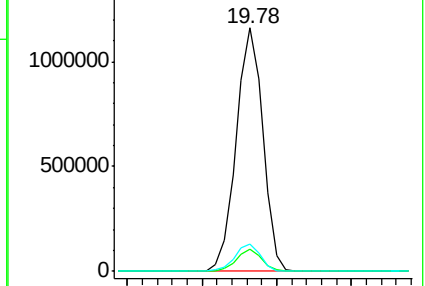
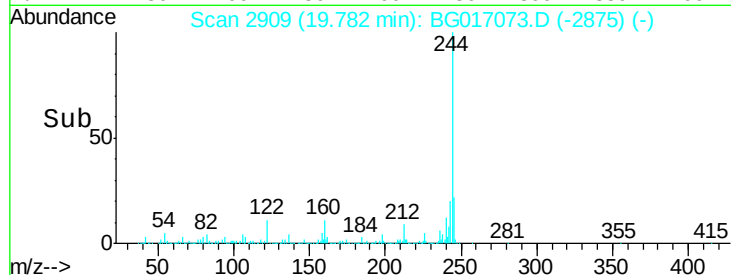
122 11.4 10.4 15.6



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: 23.62 min Scan# 3562

Delta R.T. -0.00 min

Lab File: BG017073.D

Acq: 12 May 2015 5:03

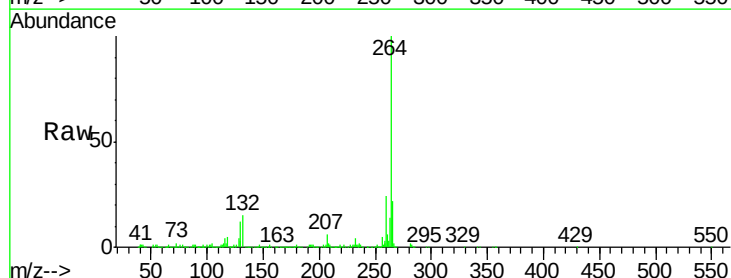
Tgt Ion:264 Resp: 370252

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.2 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

