

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017072.D
 Acq On : 12 May 2015 4:28
 Operator : TP/IZ
 Sample : G2143-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: May 12 06:10:29 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	48824	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	212947	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	135855	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	314275	20.00	ng	0.00
75) Chrysene-d12	21.33	240	333371	20.00	ng	0.00
86) Perylene-d12	23.62	264	327487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	208268	74.28	ng	0.00
7) Phenol-d6	6.95	99	182869	45.65	ng	0.00
23) Nitrobenzene-d5	8.91	82	382275	87.70	ng	0.00
41) 2,4,6-Tribromophenol	15.89	330	237536	174.17	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	807440	89.69	ng	0.00
78) Terphenyl-d14	19.78	244	1341701	94.35	ng	0.00

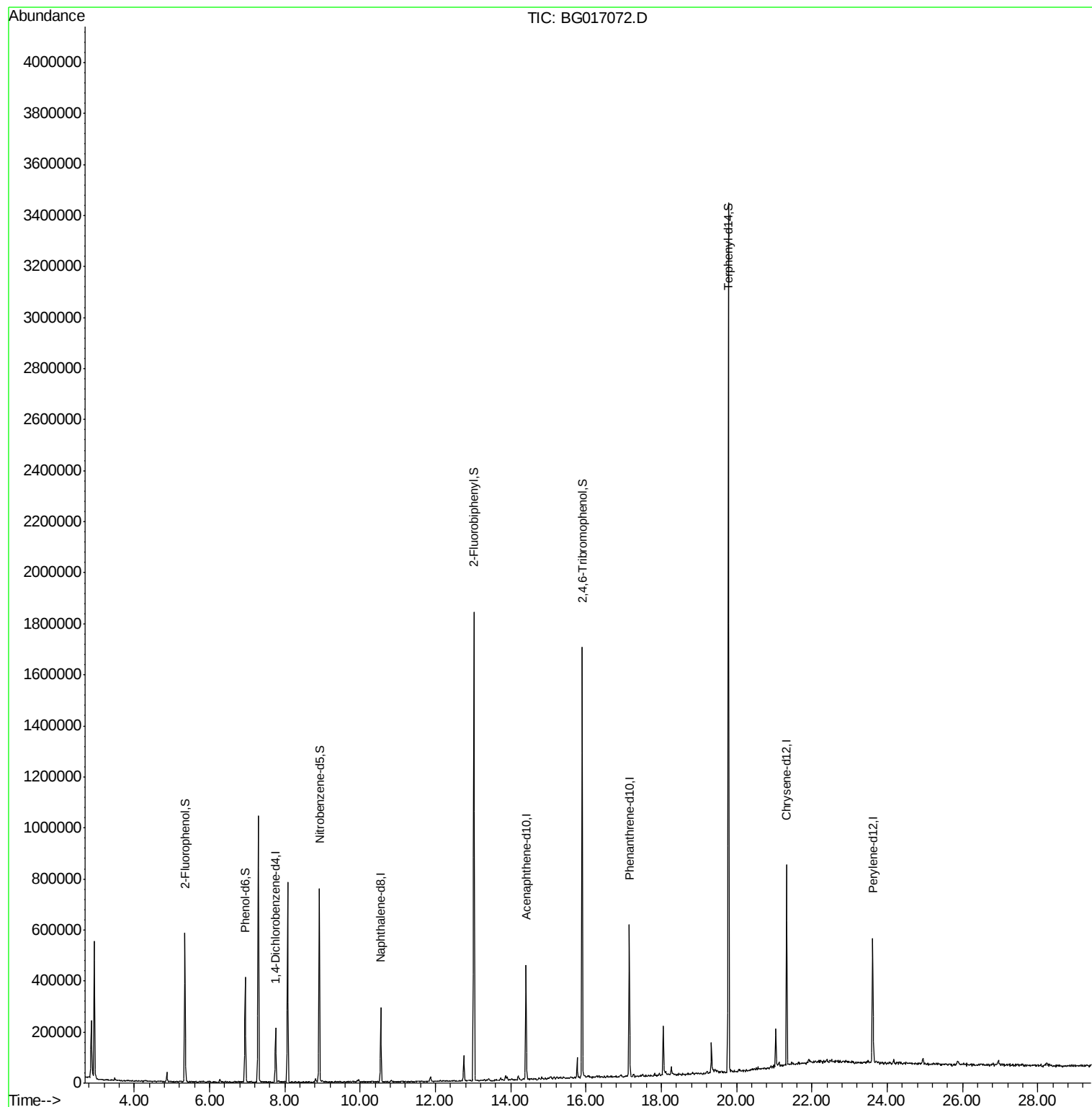
Target Compounds Qvalue

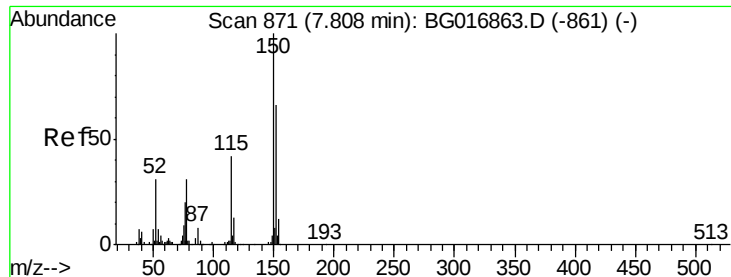
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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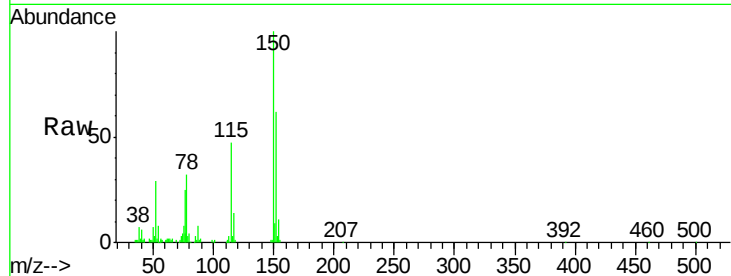


#1

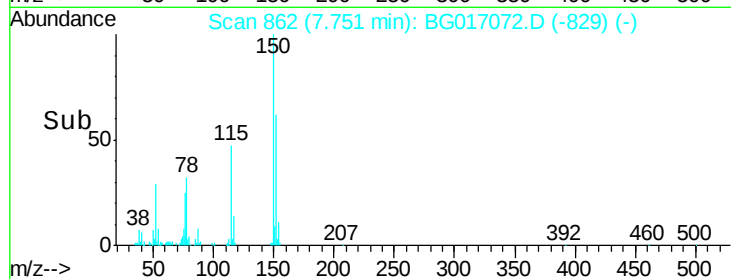
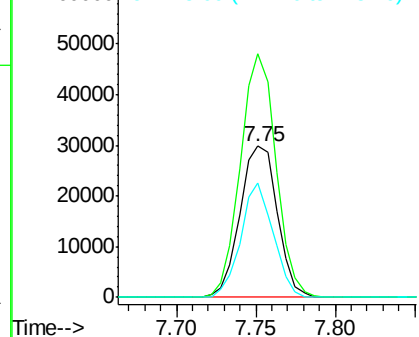
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG017072.D
Acq: 12 May 2015 4:28

Instrument :
BNA_G
ClientSampleId :
MW-11

Tot Ion:152 Resp: 48824
Ion Ratio Lower Upper
152 100
150 161.1 121.0 181.4
115 75.6 50.5 75.7



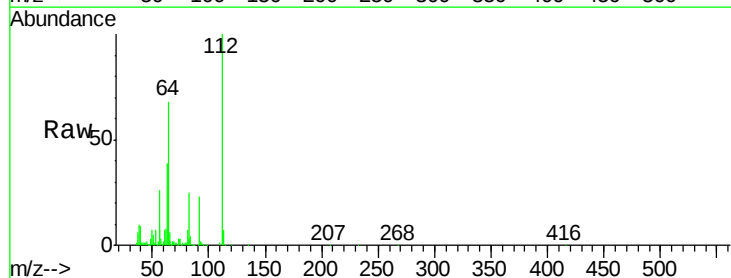
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



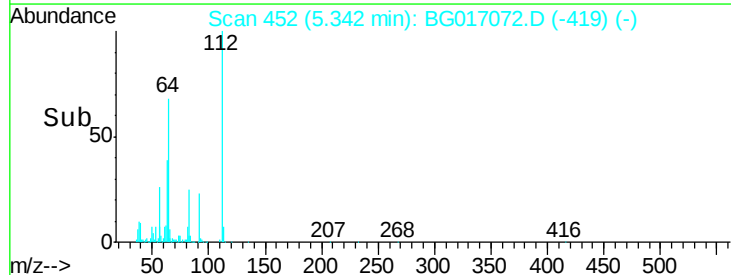
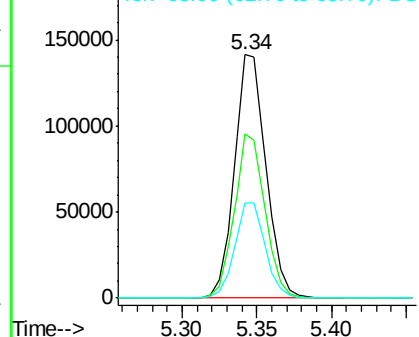
#5

2-Fluorophenol
Concen: 74.28 ng
RT: 5.34 min Scan# 452
Delta R.T. -0.00 min
Lab File: BG017072.D
Acq: 12 May 2015 4:28

Tgt Ion:112 Resp: 208268
Ion Ratio Lower Upper
112 100
64 67.6 51.4 77.2
63 38.9 28.1 42.1



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





#7

Phenol-d6

Concen: 45.65 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017072.D

Acq: 12 May 2015 4:28

Instrument :

BNA_G

ClientSampleId :

MW-11

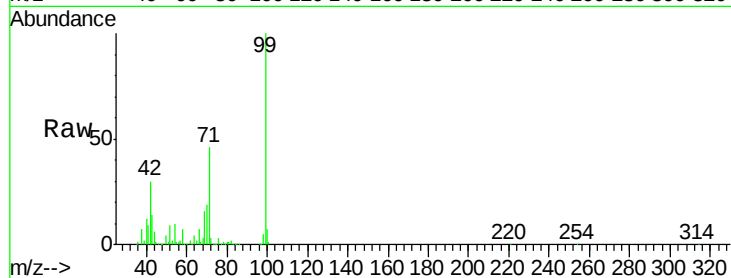
Tot Ion: 99 Resp: 182869

Ion Ratio Lower Upper

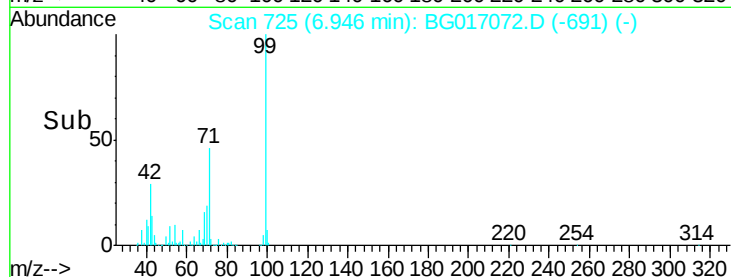
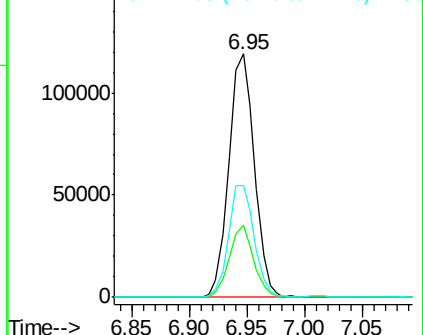
99 100

42 29.5 22.1 33.1

71 45.8 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: 10.55 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG017072.D

Acq: 12 May 2015 4:28

Tgt Ion: 136 Resp: 212947

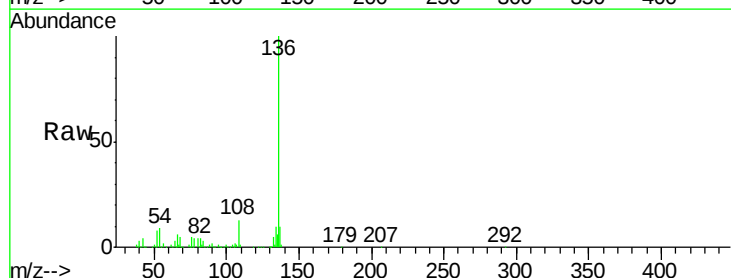
Ion Ratio Lower Upper

136 100

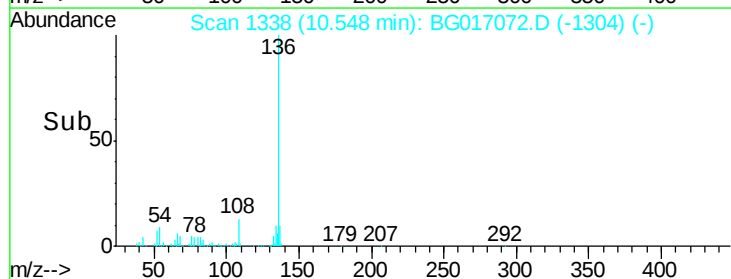
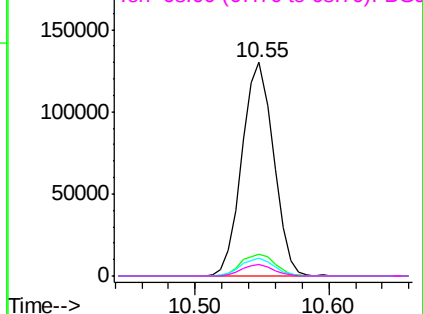
137 10.4 9.8 14.8

54 8.5 8.7 13.1#

68 5.3 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

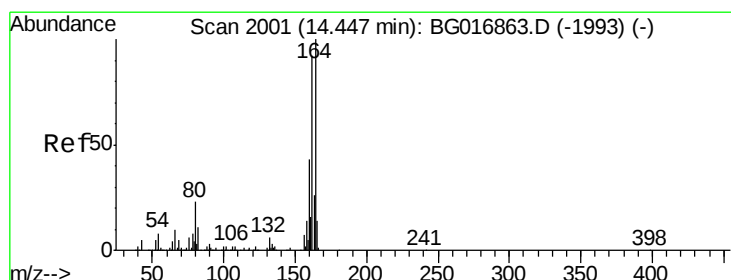
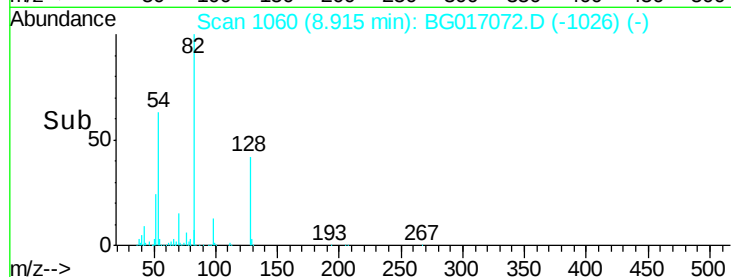
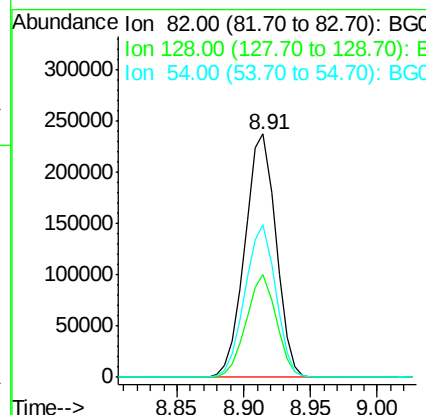
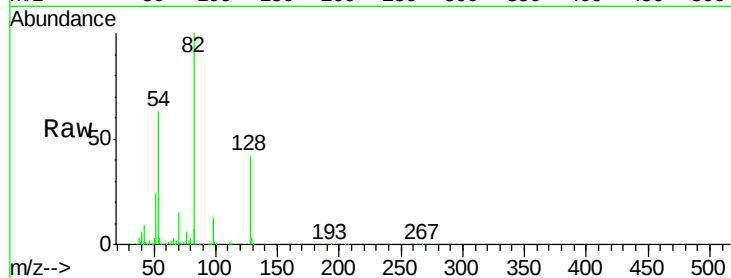




#23
 Nitrobenzene-d5
 Concen: 87.70 ng
 RT: 8.91 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG017072.D
 Acq: 12 May 2015 4:28

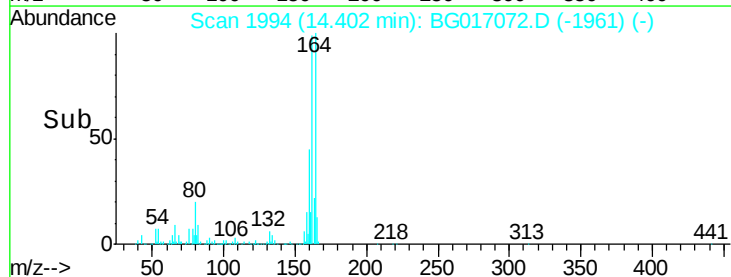
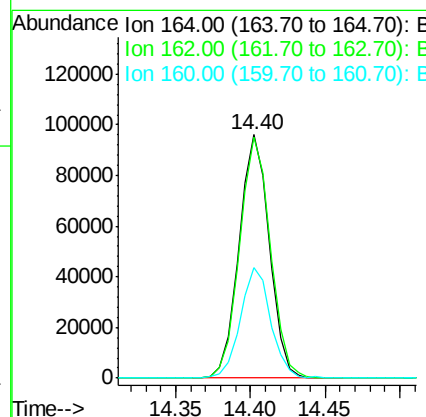
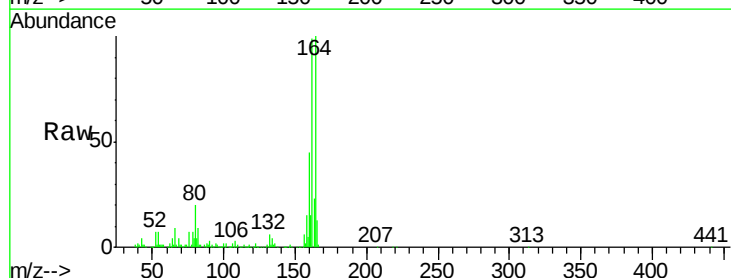
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

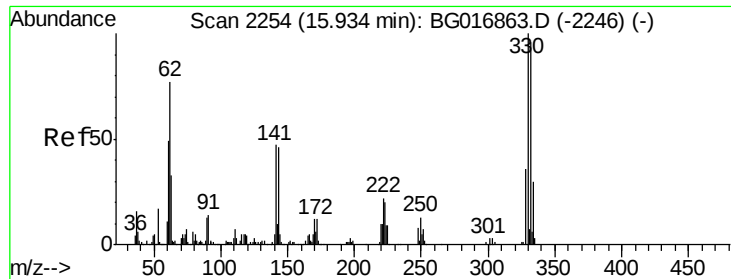
Tot Ion	82	Resp	382275
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.2	49.8
54	62.9	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017072.D
 Acq: 12 May 2015 4:28

Tgt Ion	164	Resp	135855
Ion Ratio	Lower	Upper	
164	100		
162	98.9	74.0	111.0
160	45.3	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 174.17 ng

RT: 15.89 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BG017072.D

Acq: 12 May 2015 4:28

Instrument :

BNA_G

ClientSampled :

MW-11

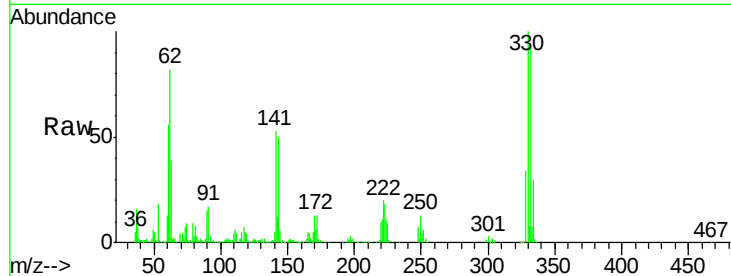
Tot Ion:330 Resp: 237536

Ion Ratio Lower Upper

330 100

332 94.5 0.0 0.0#

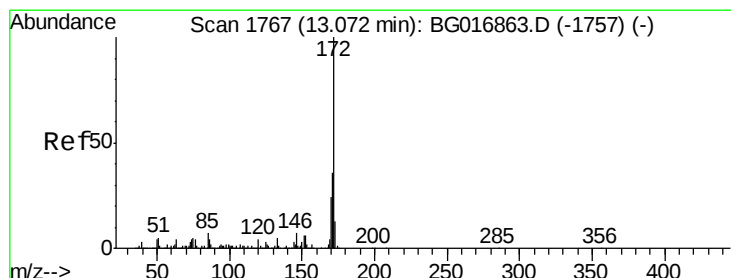
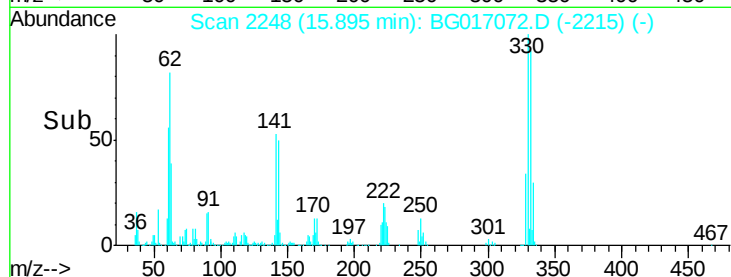
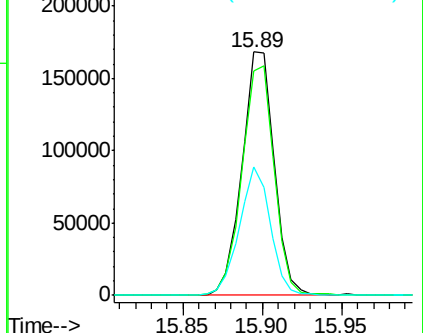
141 51.1 0.0 0.0#



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: 89.69 ng

RT: 13.02 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG017072.D

Acq: 12 May 2015 4:28

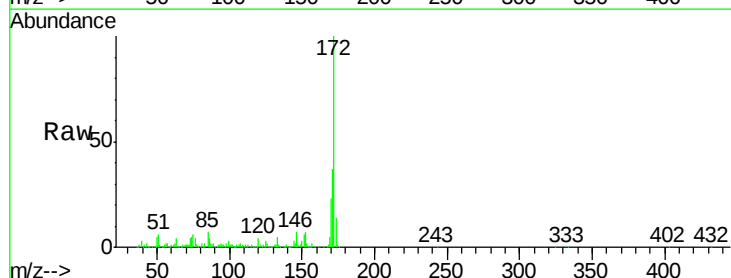
Tgt Ion:172 Resp: 807440

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

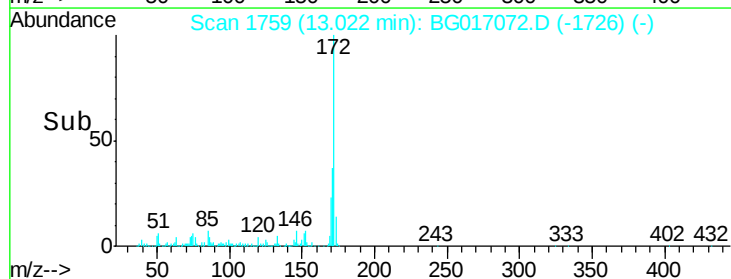
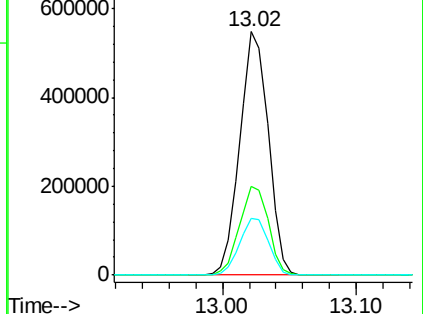
170 23.2 19.0 28.4

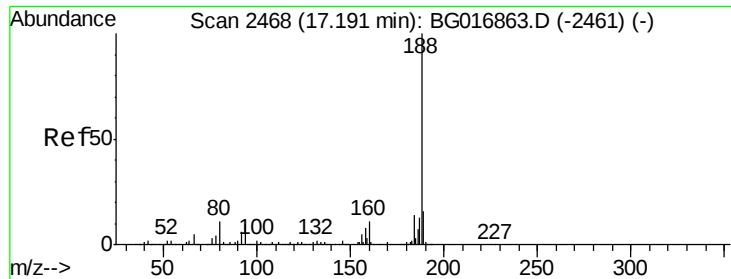


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

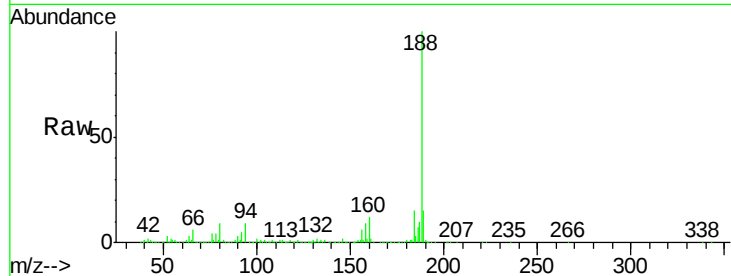




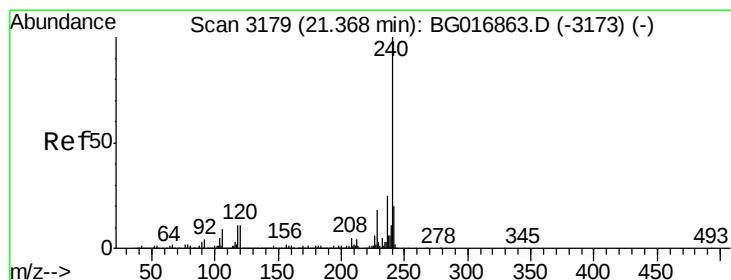
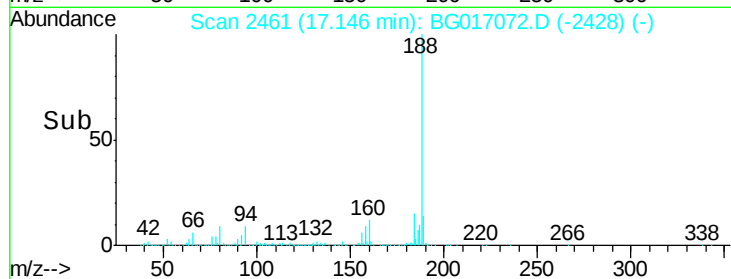
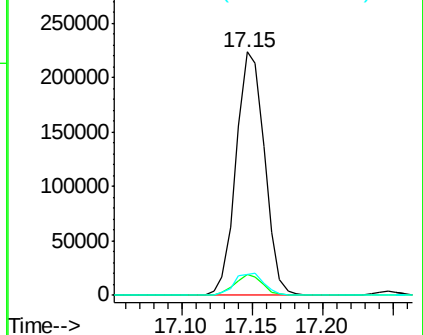
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG017072.D
Acq: 12 May 2015 4:28

Instrument :
BNA_G
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	8.8	8.8	13.2

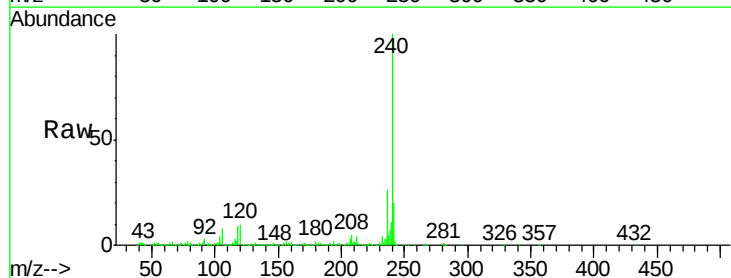


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

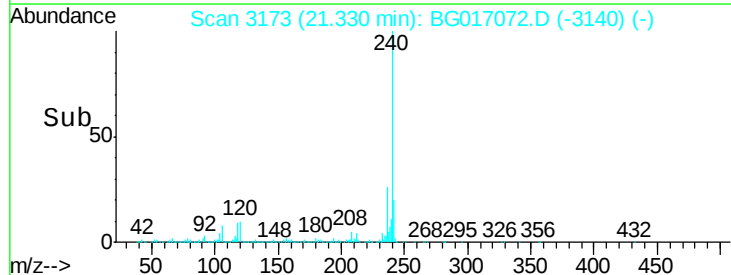
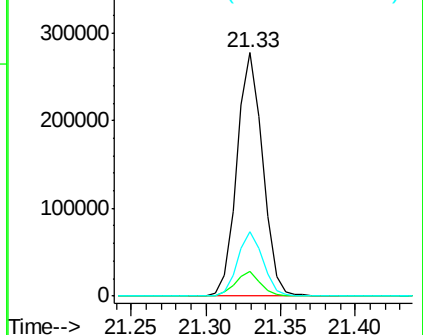


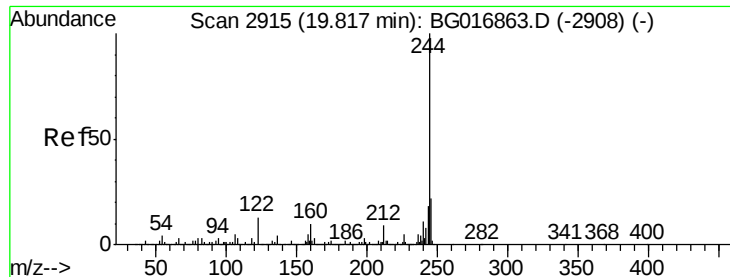
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG017072.D
Acq: 12 May 2015 4:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	26.4	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: 94.35 ng

RT: 19.78 min Scan# 2910

Delta R.T. 0.00 min

Lab File: BG017072.D

Acq: 12 May 2015 4:28

Instrument :

BNA_G

ClientSampleId :

MW-11

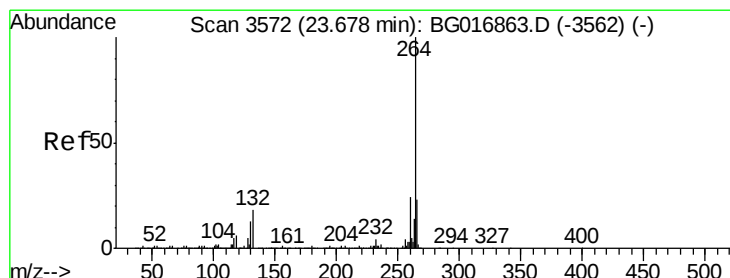
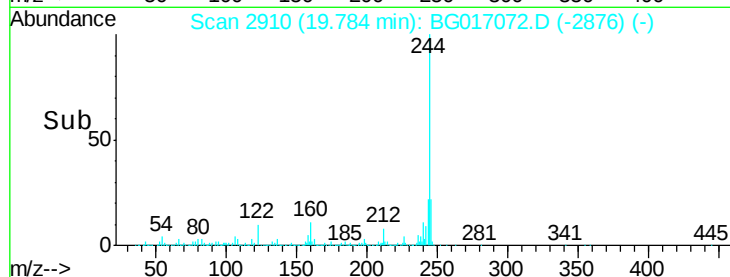
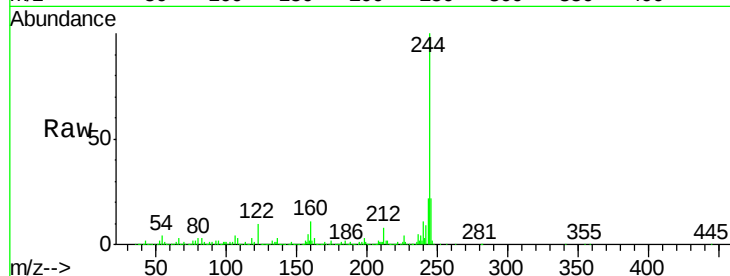
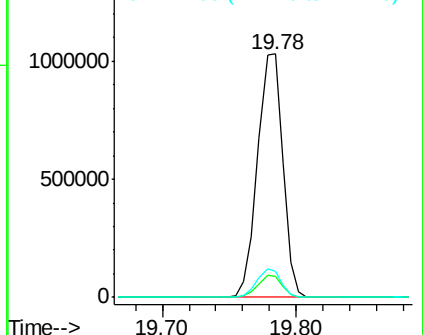
Tot Ion:244 Resp: 1341701

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	10.4	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: BG017072.D

Acq: 12 May 2015 4:28

Tgt Ion:264 Resp: 327487

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.8	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

