

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017075.D
 Acq On : 12 May 2015 6:13
 Operator : TP/IZ
 Sample : G2143-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: May 12 07:12:41 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 06:59:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	47725	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	191574	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	120823	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	290605	20.00	ng	0.00
75) Chrysene-d12	21.33	240	327709	20.00	ng	0.00
86) Perylene-d12	23.62	264	314784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	184254	67.22	ng	0.00
7) Phenol-d6	6.95	99	155281	39.65	ng	0.00
23) Nitrobenzene-d5	8.91	82	348424	88.85	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	220260	181.59	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	726374	90.72	ng	0.00
78) Terphenyl-d14	19.78	244	1238117	88.57	ng	0.00

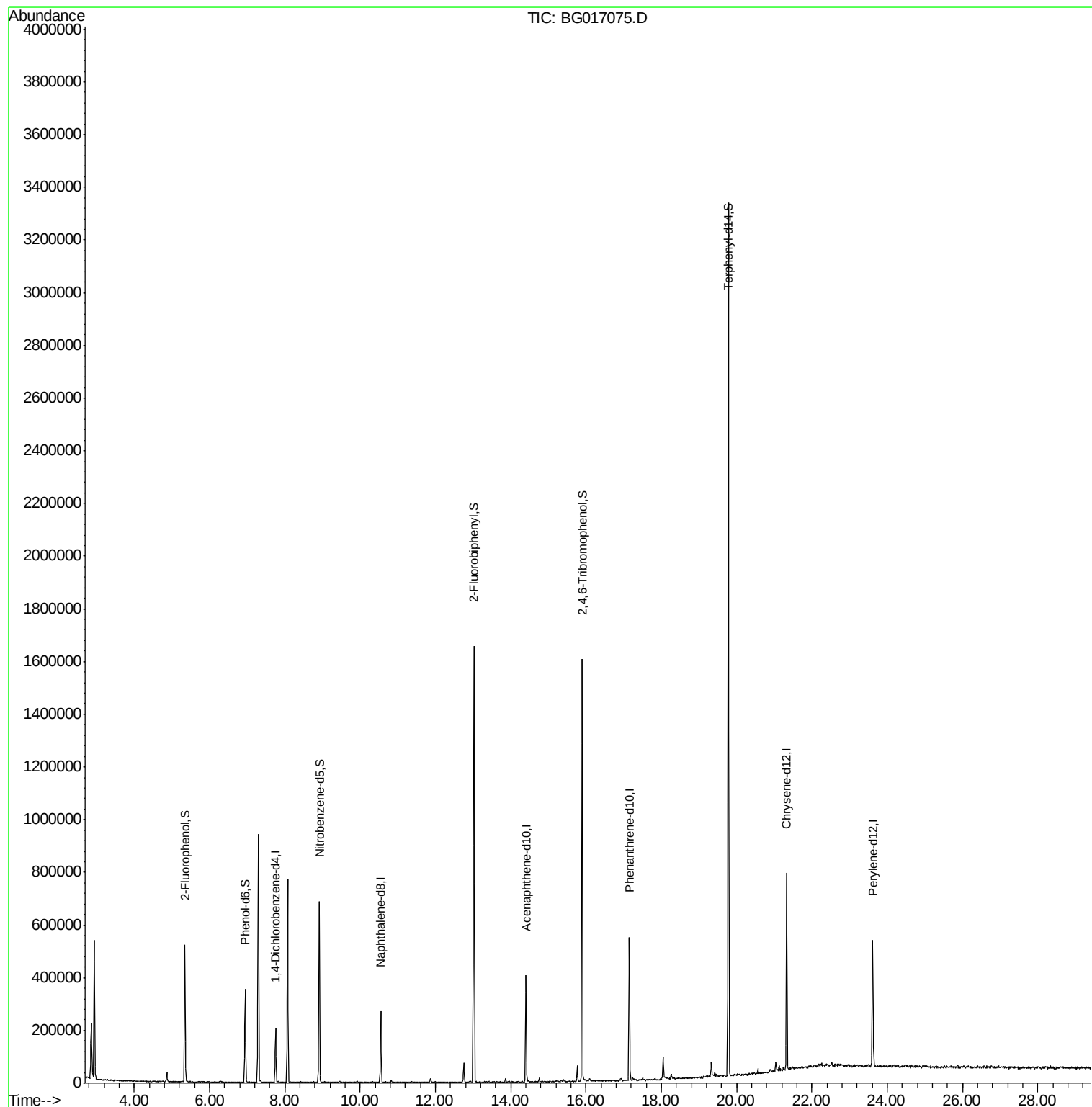
Target Compounds Qvalue

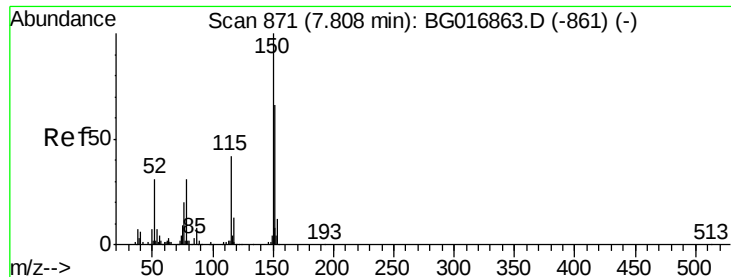
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017075.D

Acq: 12 May 2015 6:13

Instrument :

BNA_G

ClientSampleId :

MW-13

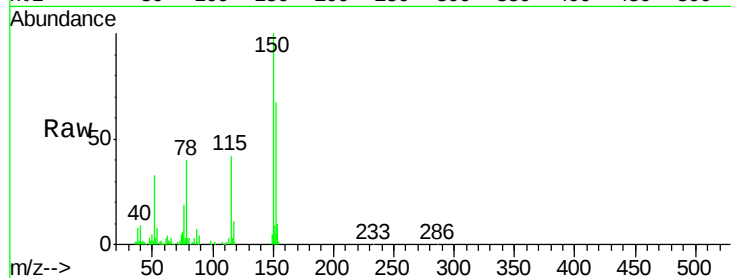
Tot Ion:152 Resp: 47725

Ion Ratio Lower Upper

152 100

150 150.1 121.0 181.4

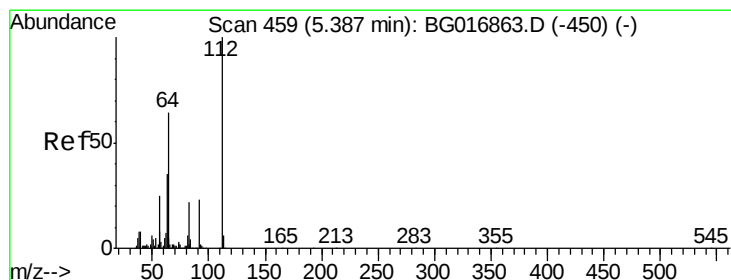
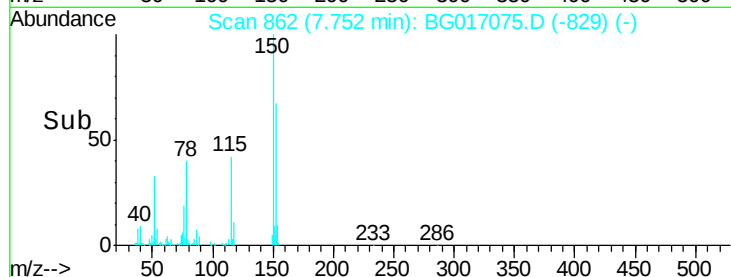
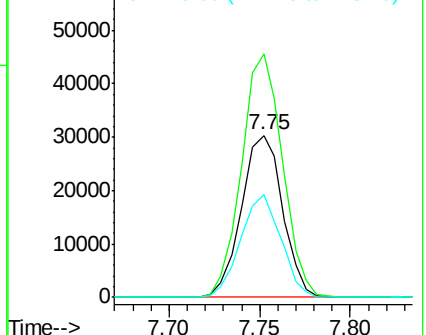
115 63.2 50.5 75.7



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: 67.22 ng

RT: 5.35 min Scan# 453

Delta R.T. 0.00 min

Lab File: BG017075.D

Acq: 12 May 2015 6:13

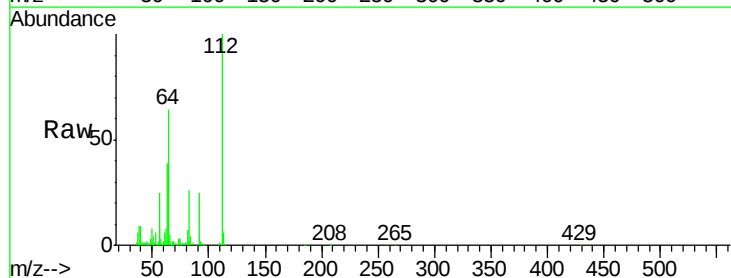
Tgt Ion:112 Resp: 184254

Ion Ratio Lower Upper

112 100

64 64.4 51.4 77.2

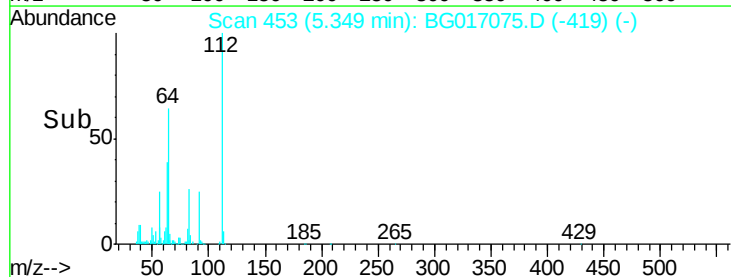
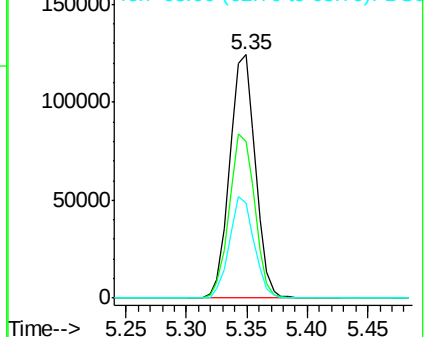
63 39.0 28.1 42.1

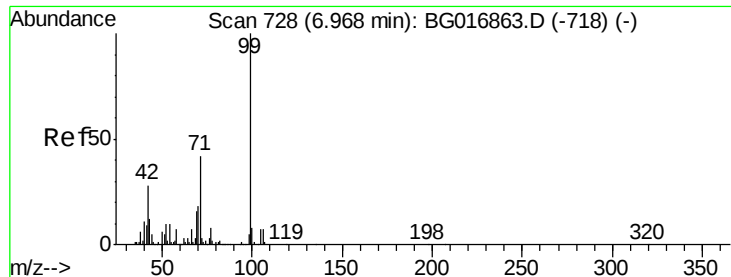


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.65 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017075.D

Acq: 12 May 2015 6:13

Instrument :

BNA_G

ClientSampleId :

MW-13

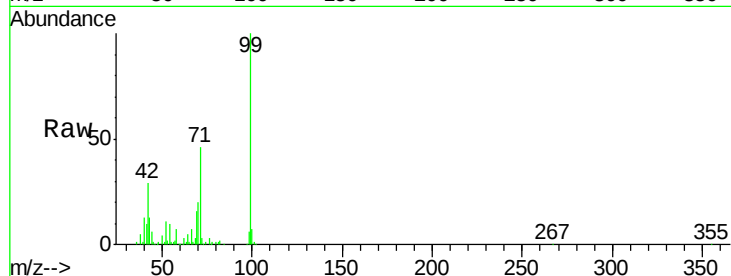
Tot Ion: 99 Resp: 155281

Ion Ratio Lower Upper

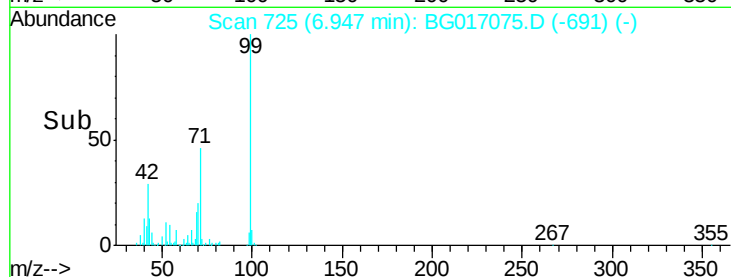
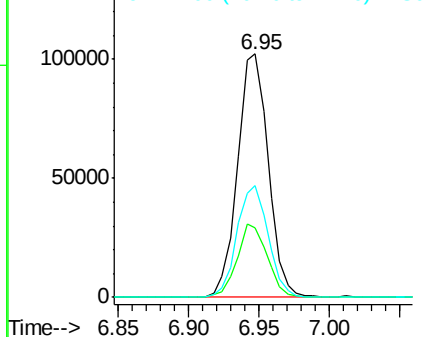
99 100

42 28.8 22.1 33.1

71 45.7 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: BG017075.D

Acq: 12 May 2015 6:13

Tgt Ion: 136 Resp: 191574

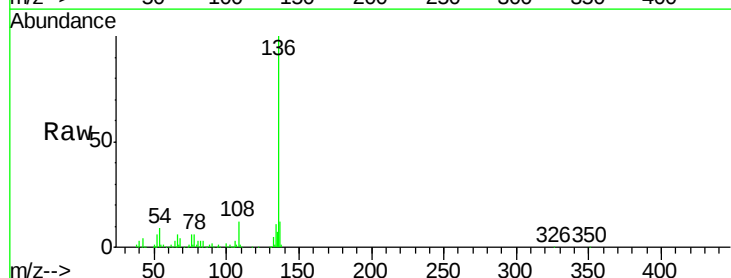
Ion Ratio Lower Upper

136 100

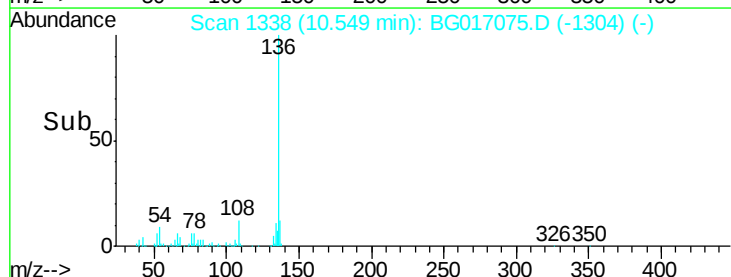
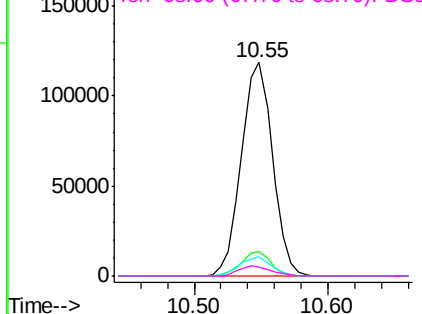
137 11.6 9.8 14.8

54 8.8 8.7 13.1

68 4.3 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

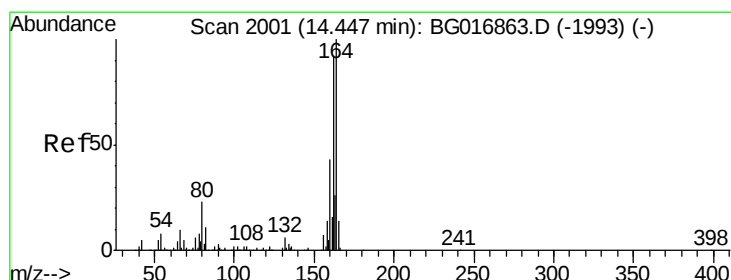
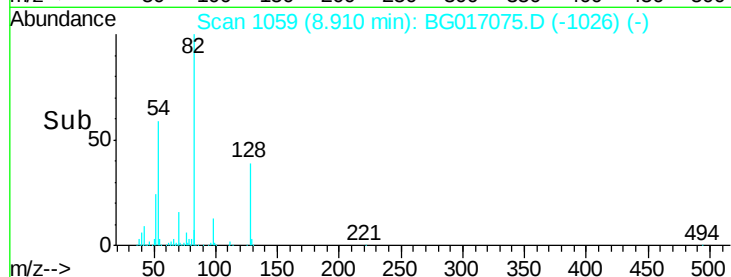
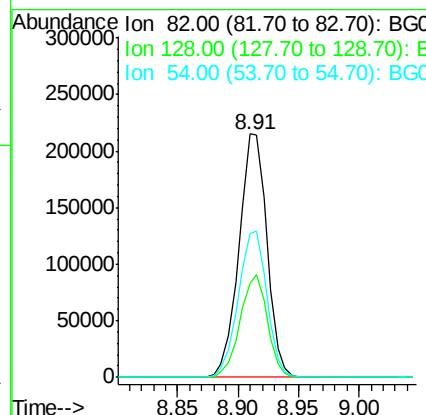
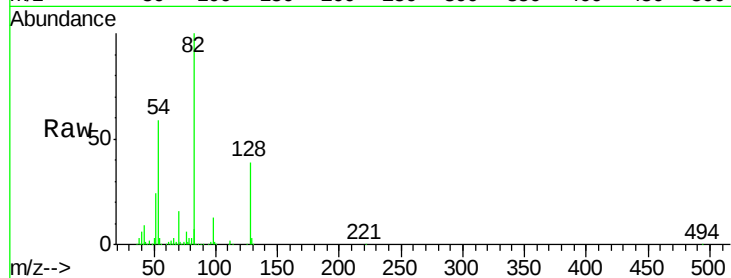




#23
 Nitrobenzene-d5
 Concen: 88.85 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BG017075.D
 Acq: 12 May 2015 6:13

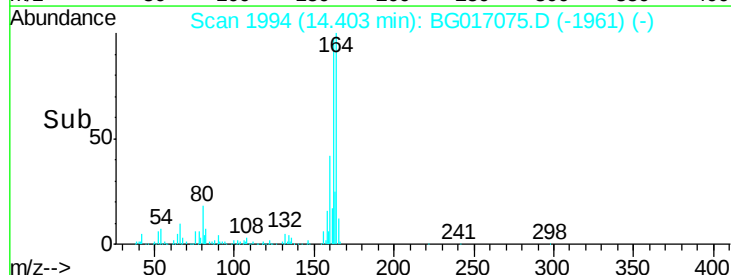
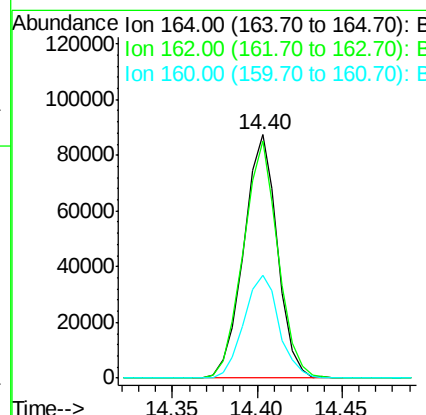
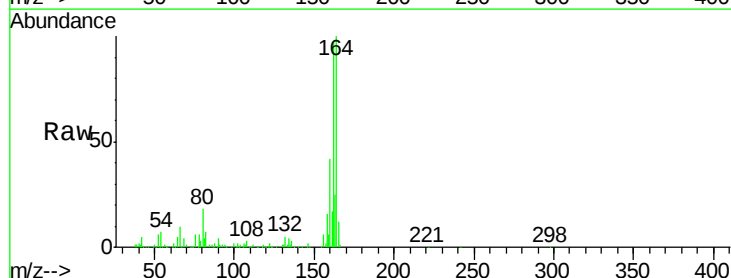
Instrument :
 BNA_G
 ClientSampleId :
 MW-13

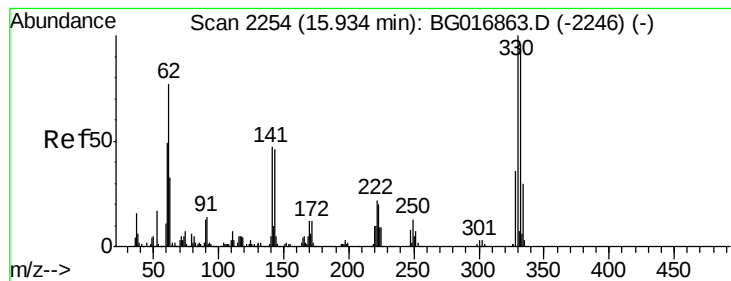
Tot Ion	82	Resp	348424
Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.2	49.8
54	59.1	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017075.D
 Acq: 12 May 2015 6:13

Tgt Ion	164	Resp	120823
Ion	Ratio	Lower	Upper
164	100		
162	97.4	74.0	111.0
160	42.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 181.59 ng

RT: 15.90 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BG017075.D

Acq: 12 May 2015 6:13

Instrument :

BNA_G

ClientSampled :

MW-13

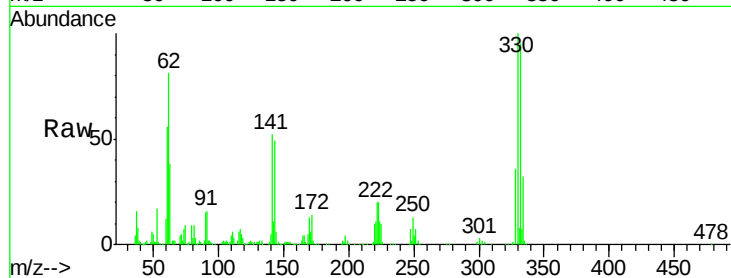
Tot Ion:330 Resp: 220260

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

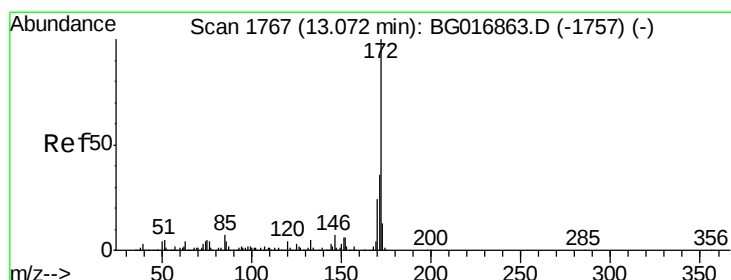
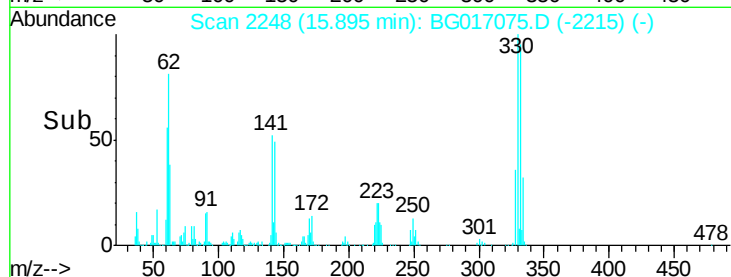
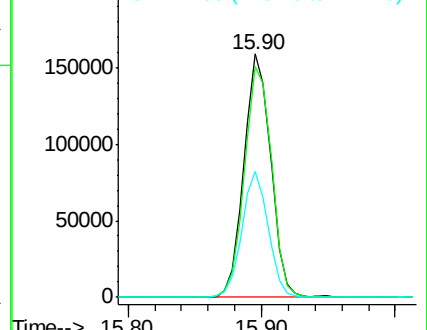
141 50.9 0.0 0.0#



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: 90.72 ng

RT: 13.02 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG017075.D

Acq: 12 May 2015 6:13

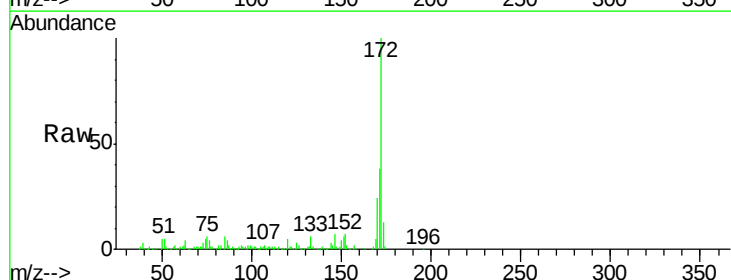
Tgt Ion:172 Resp: 726374

Ion Ratio Lower Upper

172 100

171 38.1 29.0 43.4

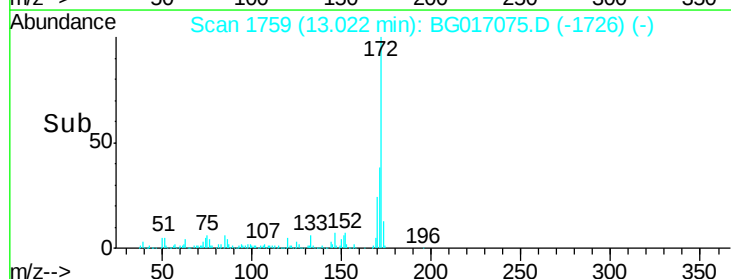
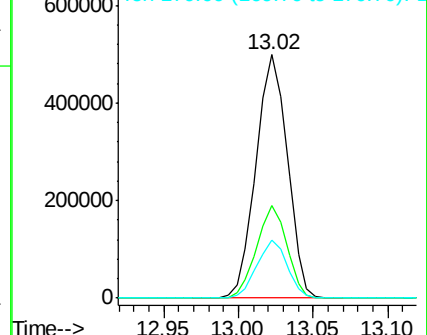
170 23.6 19.0 28.4

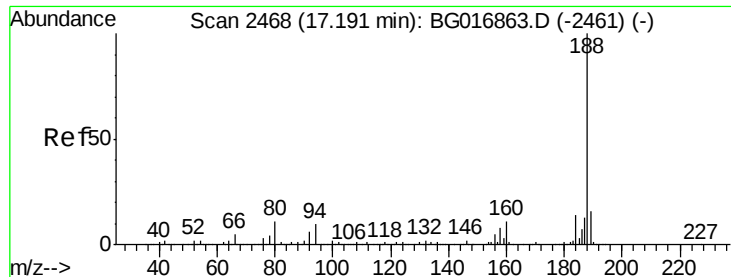


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG017075.D

Acq: 12 May 2015 6:13

Instrument :

BNA_G

ClientSampleId :

MW-13

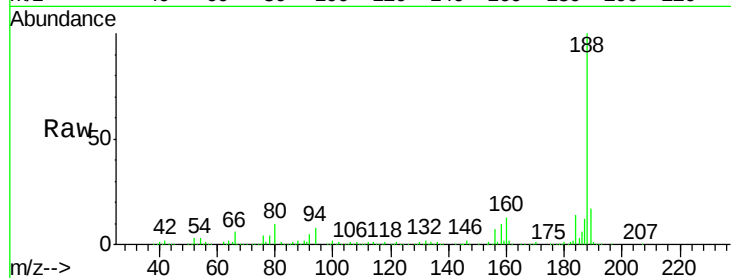
Tot Ion:188 Resp: 290605

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.4#

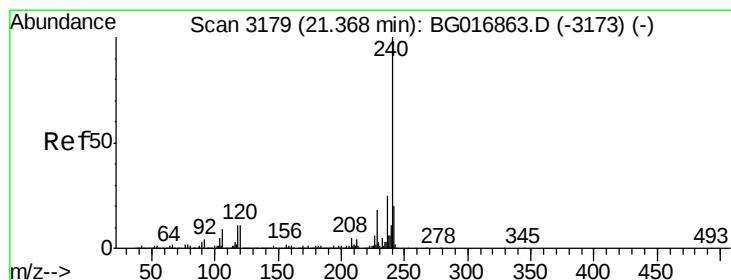
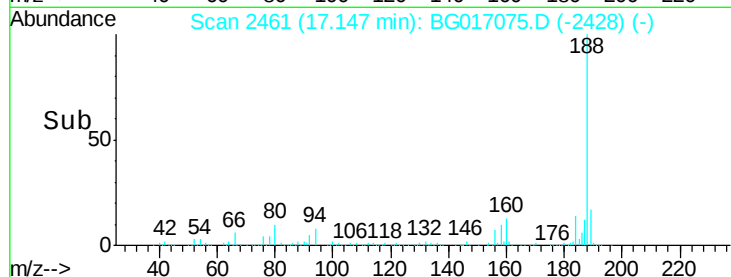
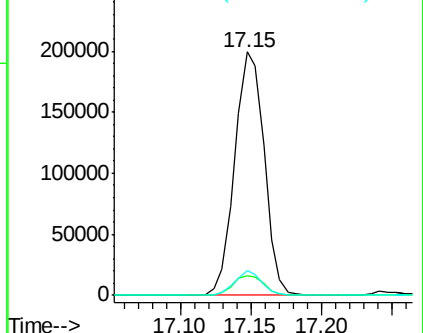
80 10.2 8.8 13.2



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: BG017075.D

Acq: 12 May 2015 6:13

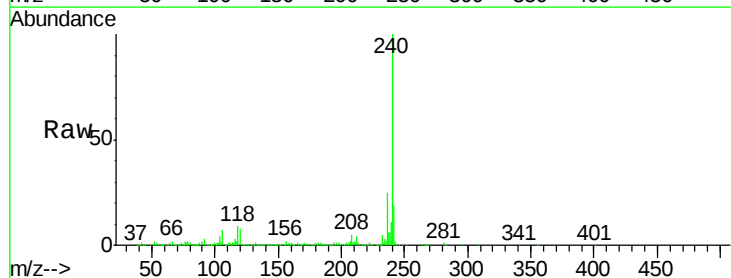
Tgt Ion:240 Resp: 327709

Ion Ratio Lower Upper

240 100

120 8.3 9.1 13.7#

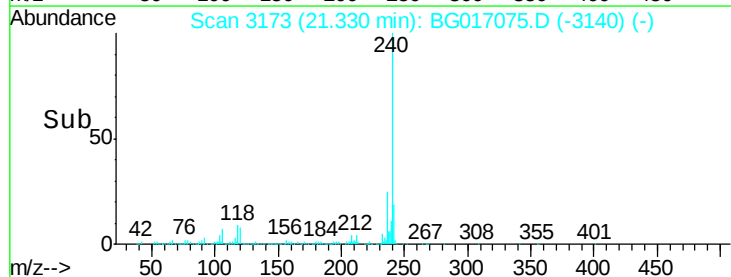
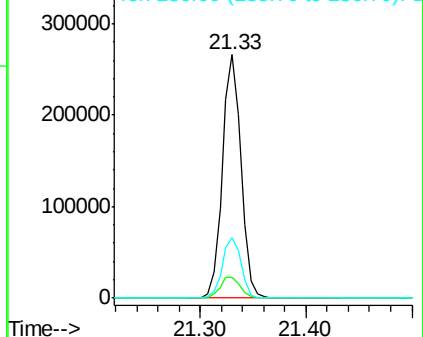
236 25.0 20.2 30.4

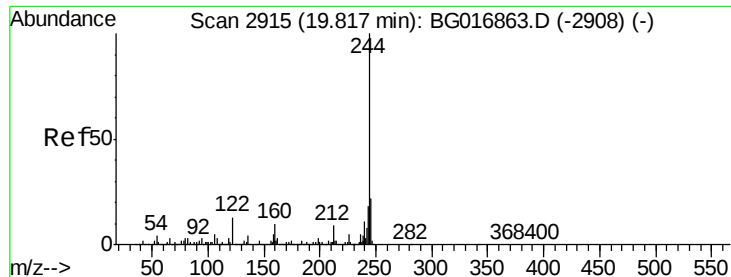


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.57 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG017075.D

Acq: 12 May 2015 6:13

Instrument :

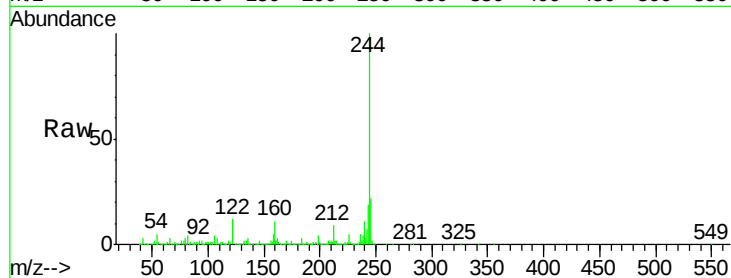
BNA_G

ClientSampleId :

MW-13

Tot Ion:244 Resp: 1238117

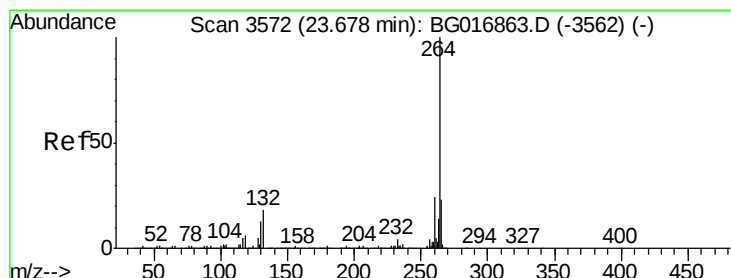
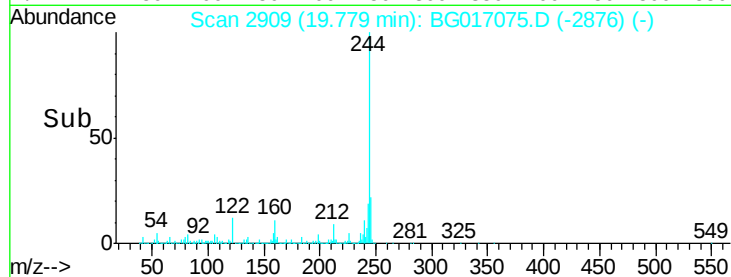
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	11.6	10.4	15.6



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

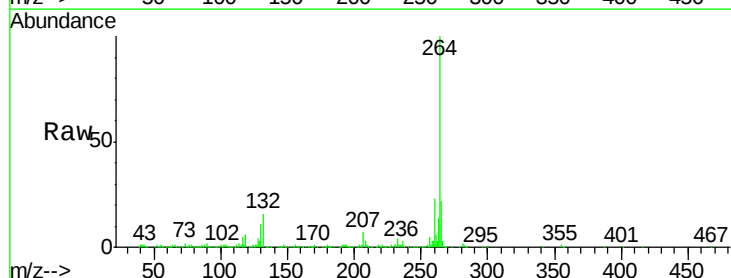
Delta R.T. -0.00 min

Lab File: BG017075.D

Acq: 12 May 2015 6:13

Tgt Ion:264 Resp: 314784

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	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

