

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017078.D
 Acq On : 12 May 2015 7:57
 Operator : TP/IZ
 Sample : G2172-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: May 12 09:04:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

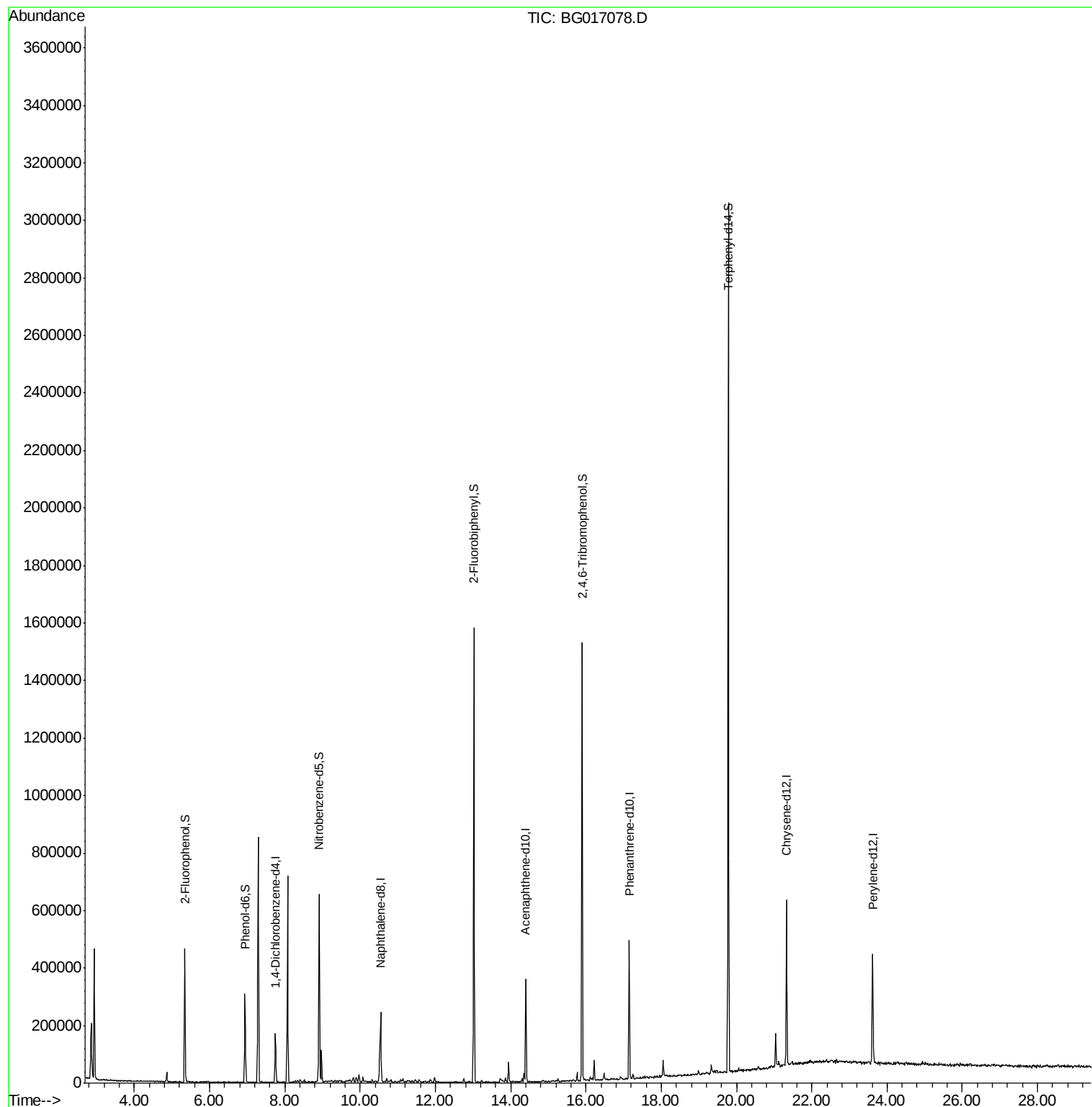
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	40452	20.00	ng	-0.05
21) Naphthalene-d8	10.55	136	171676	20.00	ng	-0.05
38) Acenaphthene-d10	14.40	164	109541	20.00	ng	-0.05
63) Phenanthrene-d10	17.15	188	250094	20.00	ng	-0.04
75) Chrysene-d12	21.33	240	263457	20.00	ng	-0.04
86) Perylene-d12	23.62	264	255387	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	159640	68.72	ng	-0.04
7) Phenol-d6	6.94	99	131788	39.71	ng	-0.02
23) Nitrobenzene-d5	8.91	82	324487	92.34	ng	-0.05
41) 2,4,6-Tribromophenol	15.90	330	210009	190.97	ng	-0.04
44) 2-Fluorobiphenyl	13.02	172	705988	97.26	ng	-0.05
78) Terphenyl-d14	19.78	244	1124454	100.05	ng	-0.04
Target Compounds						
32) Benzoic acid	9.81	122	58	Below Cal	Qvalue #	35

(#) = 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. -0.05 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

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BNA_G

ClientSampleId :

MW-01

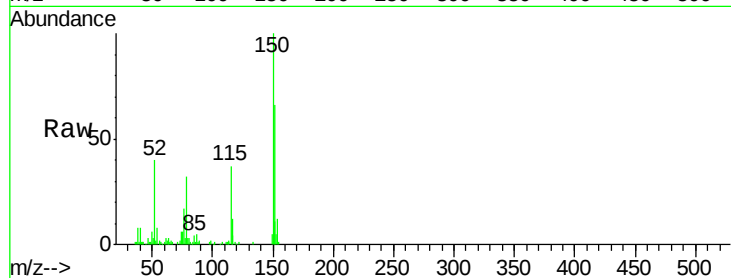
Tgt Ion:152 Resp: 40452

Ion Ratio Lower Upper

152 100

150 151.0 121.0 181.4

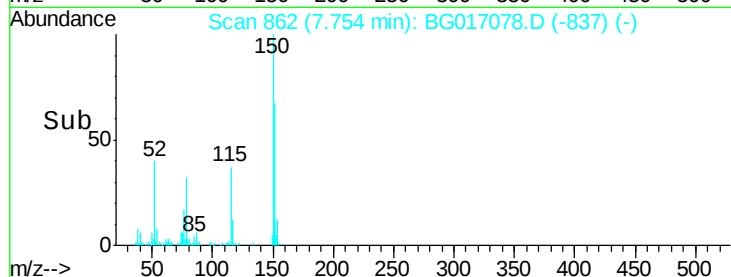
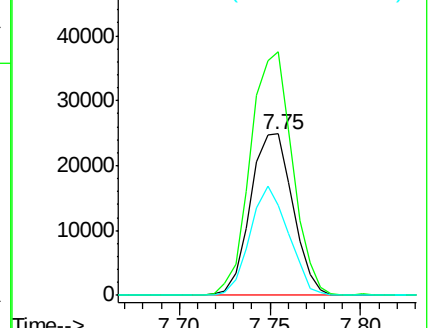
115 56.2 50.5 75.7



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: 68.72 ng

RT: 5.35 min Scan# 452

Delta R.T. -0.04 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

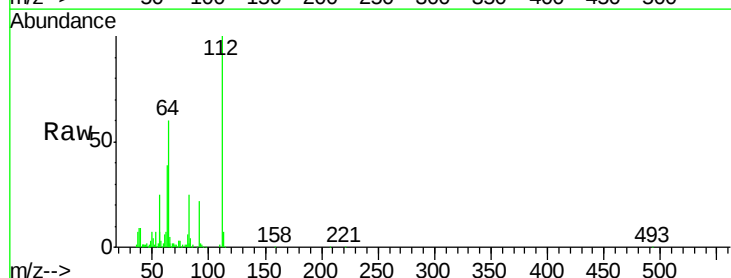
Tgt Ion:112 Resp: 159640

Ion Ratio Lower Upper

112 100

64 60.0 51.4 77.2

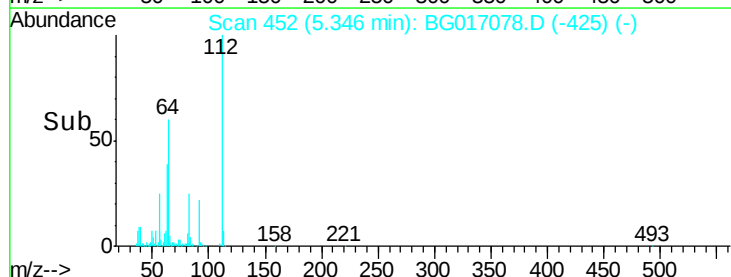
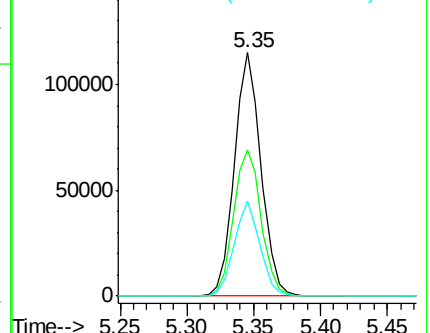
63 39.0 28.1 42.1

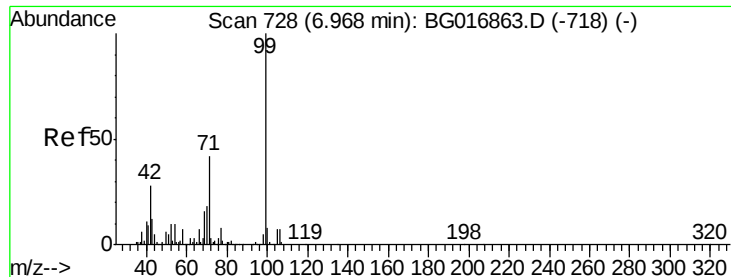


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.71 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.02 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

MW-01

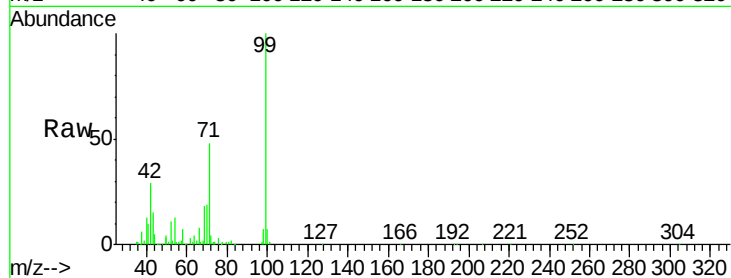
Tgt Ion: 99 Resp: 131788

Ion Ratio Lower Upper

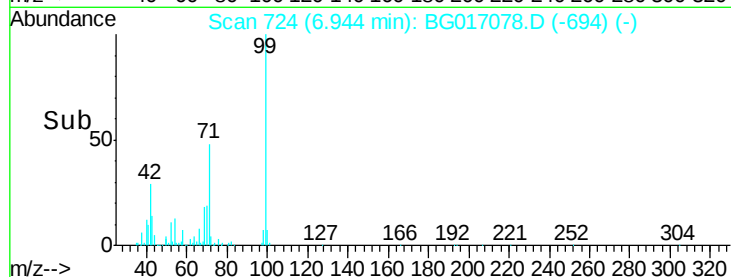
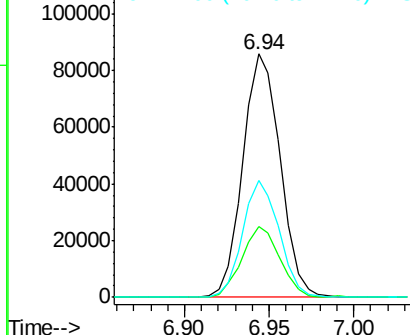
99 100

42 29.3 22.1 33.1

71 47.9 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# 1337

Delta R.T. -0.05 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

Tgt Ion: 136 Resp: 171676

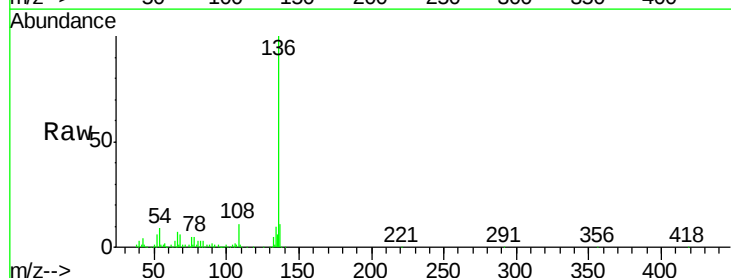
Ion Ratio Lower Upper

136 100

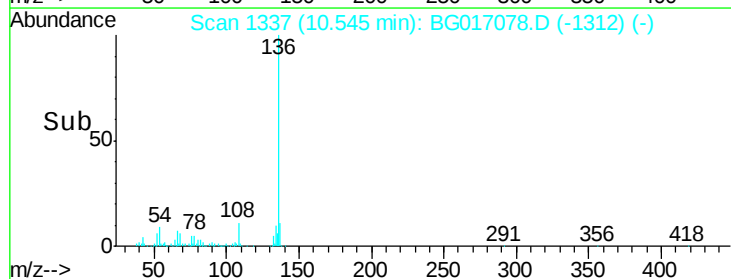
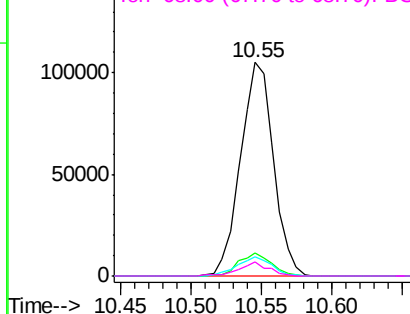
137 10.5 9.8 14.8

54 9.2 8.7 13.1

68 6.5 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

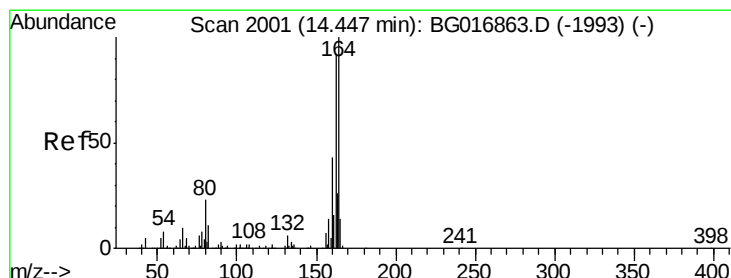
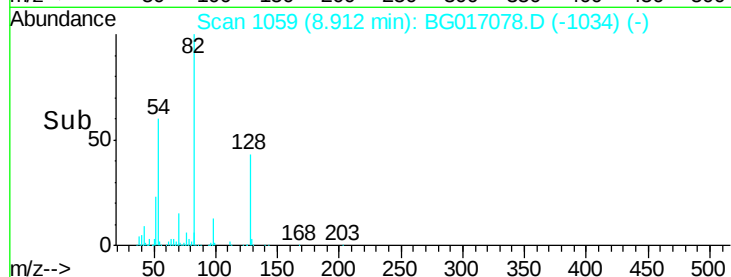
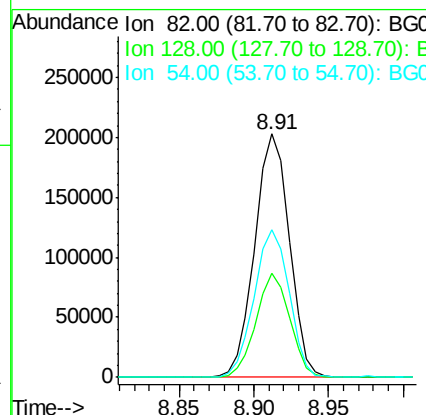
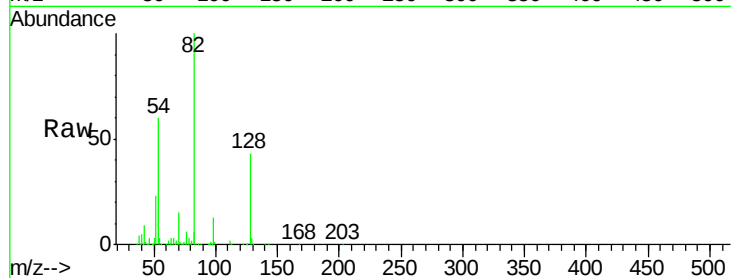




#23
 Nitrobenzene-d5
 Concen: 92.34 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.05 min
 Lab File: BG017078.D
 Acq: 12 May 2015 7:57

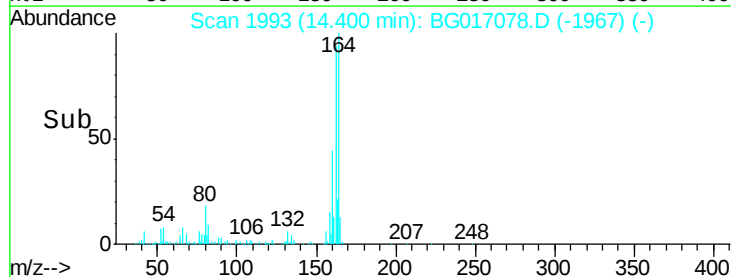
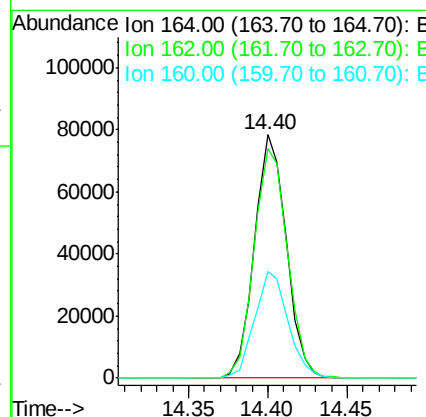
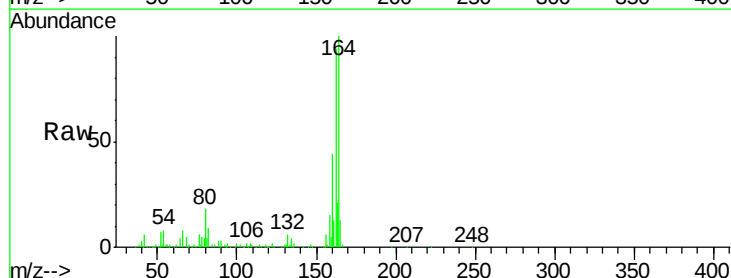
Instrument :
 BNA_G
 ClientSampleId :
 MW-01

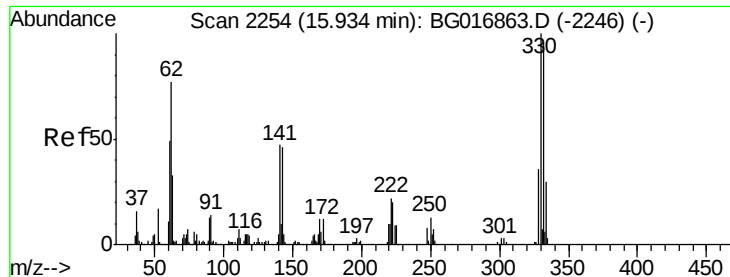
Tgt Ion: 82 Resp: 324487
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.2 49.8
 54 60.5 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1993
 Delta R.T. -0.05 min
 Lab File: BG017078.D
 Acq: 12 May 2015 7:57

Tgt Ion: 164 Resp: 109541
 Ion Ratio Lower Upper
 164 100
 162 94.4 74.0 111.0
 160 43.6 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 190.97 ng

RT: 15.90 min Scan# 2248

Delta R.T. -0.04 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

MW-01

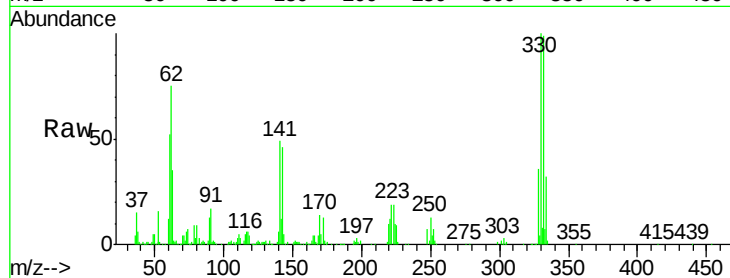
Tgt Ion:330 Resp: 210009

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

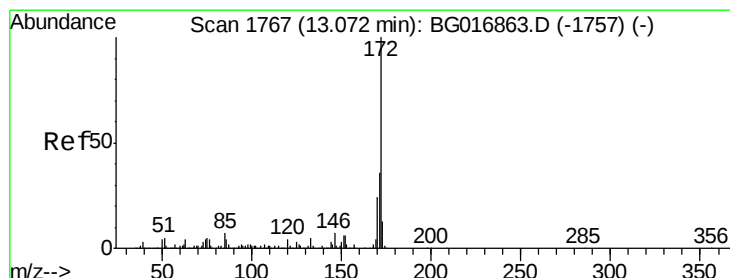
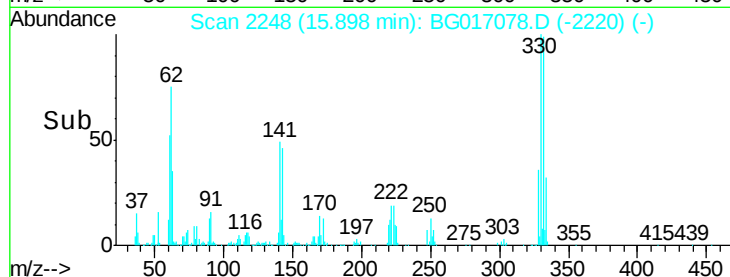
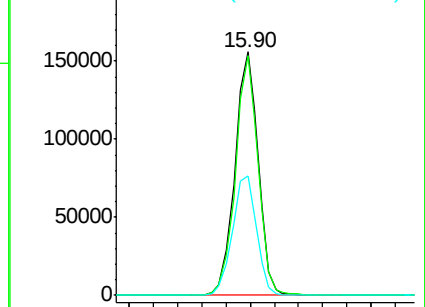
141 51.2 0.0 0.0#



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: 97.26 ng

RT: 13.02 min Scan# 1759

Delta R.T. -0.05 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

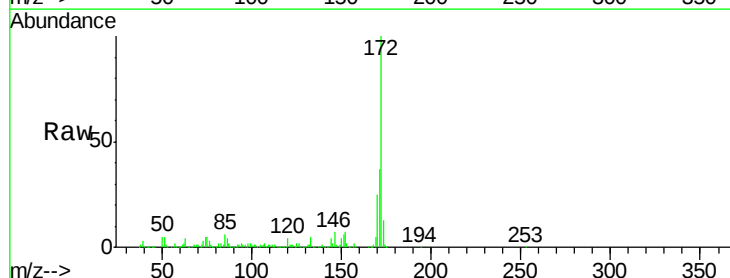
Tgt Ion:172 Resp: 705988

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

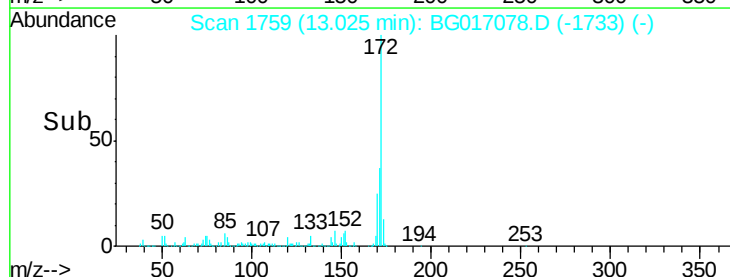
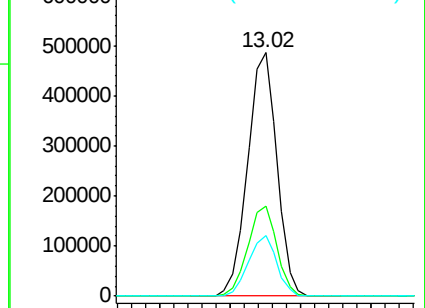
170 24.7 19.0 28.4

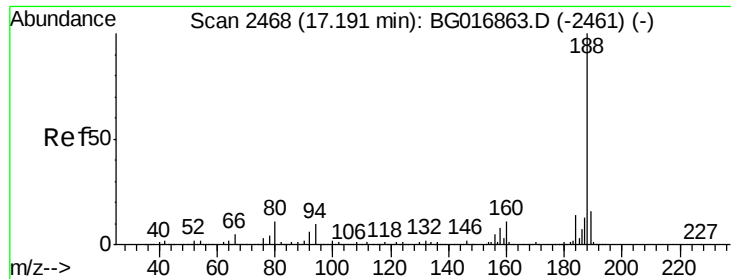


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

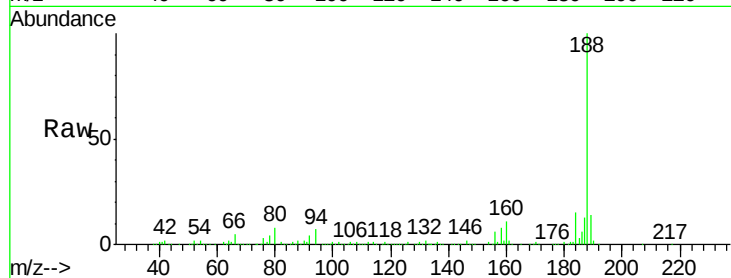




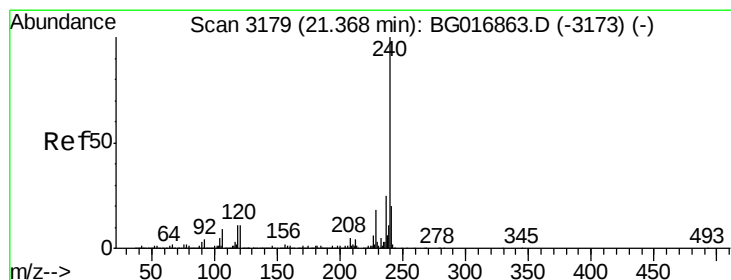
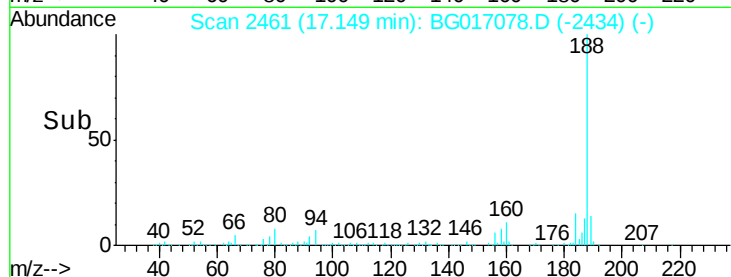
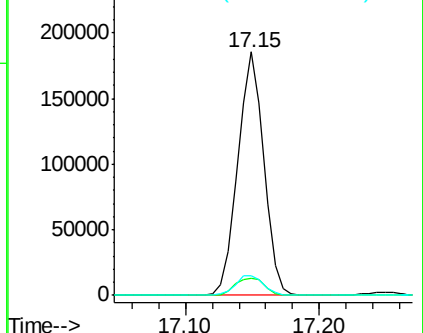
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BG017078.D
Acq: 12 May 2015 7:57

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.2	12.4#
80	8.3	8.8	13.2#

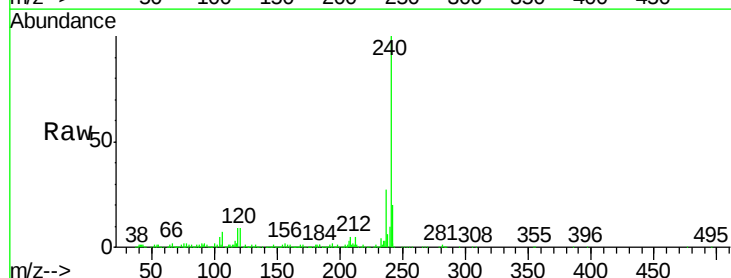


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

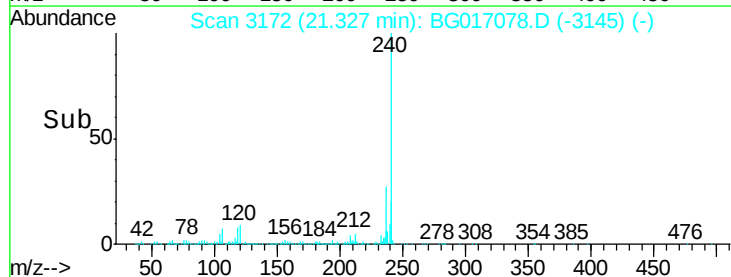
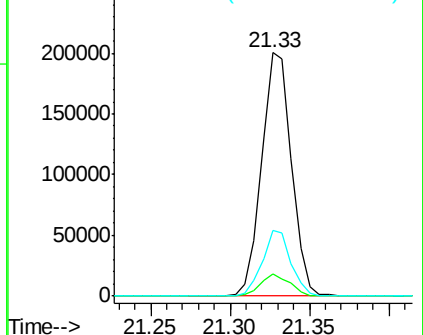


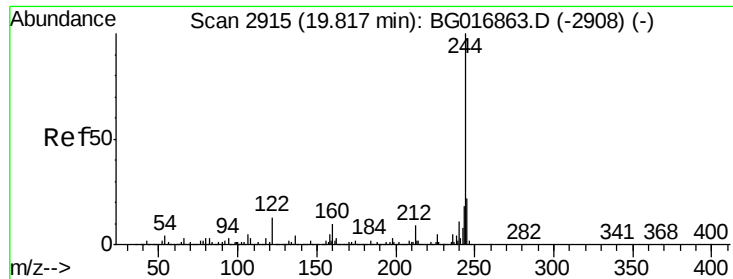
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3172
Delta R.T. -0.04 min
Lab File: BG017078.D
Acq: 12 May 2015 7:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.1	13.7#
236	26.8	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: 100.05 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.04 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

Instrument :

BNA_G

ClientSampleId :

MW-01

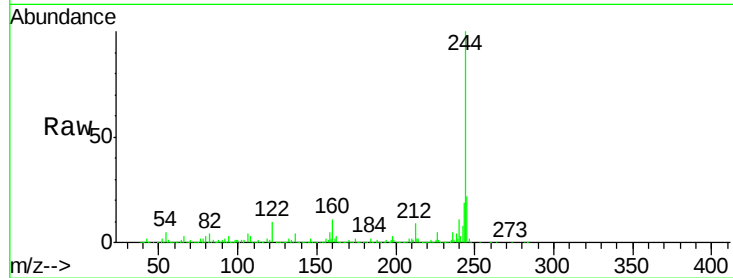
Tgt Ion:244 Resp: 1124454

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

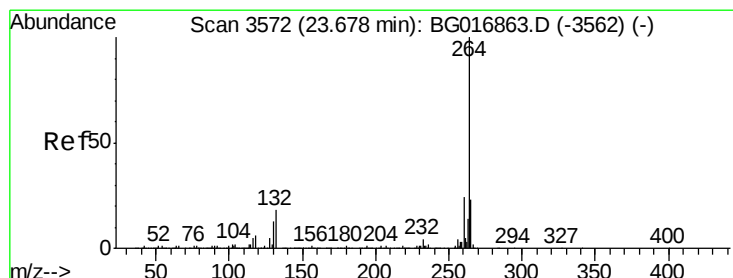
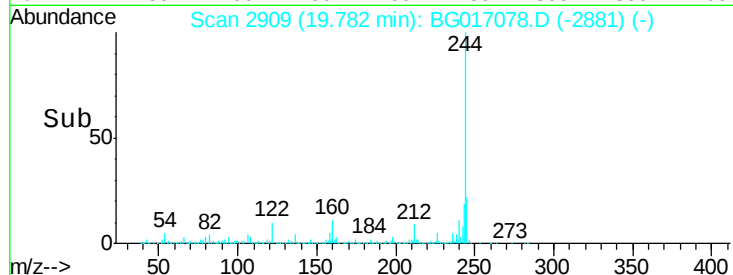
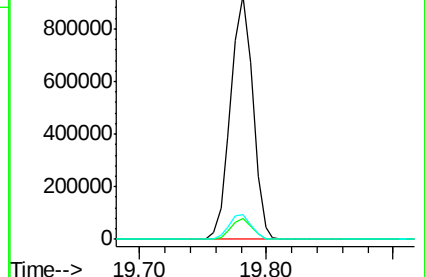
122 10.3 10.4 15.6#



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: 23.62 min Scan# 3562

Delta R.T. -0.06 min

Lab File: BG017078.D

Acq: 12 May 2015 7:57

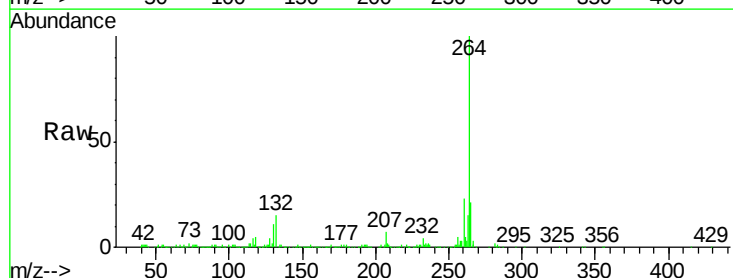
Tgt Ion:264 Resp: 255387

Ion Ratio Lower Upper

264 100

260 23.1 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

