

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016606.D
 Acq On : 22 Apr 2015 6:15
 Operator : TP/IZ
 Sample : G1937-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Apr 22 06:58:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	47924	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	214936	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	140033	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	347360	20.00	ng	0.00
75) Chrysene-d12	21.20	240	336155	20.00	ng	0.00
86) Perylene-d12	23.42	264	317110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	118859	39.75	ng	0.00
7) Phenol-d6	6.83	99	115914	27.75	ng	0.00
23) Nitrobenzene-d5	8.79	82	213293	61.10	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	113619	119.46	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	522193	61.76	ng	0.00
78) Terphenyl-d14	19.65	244	871276	62.44	ng	0.00

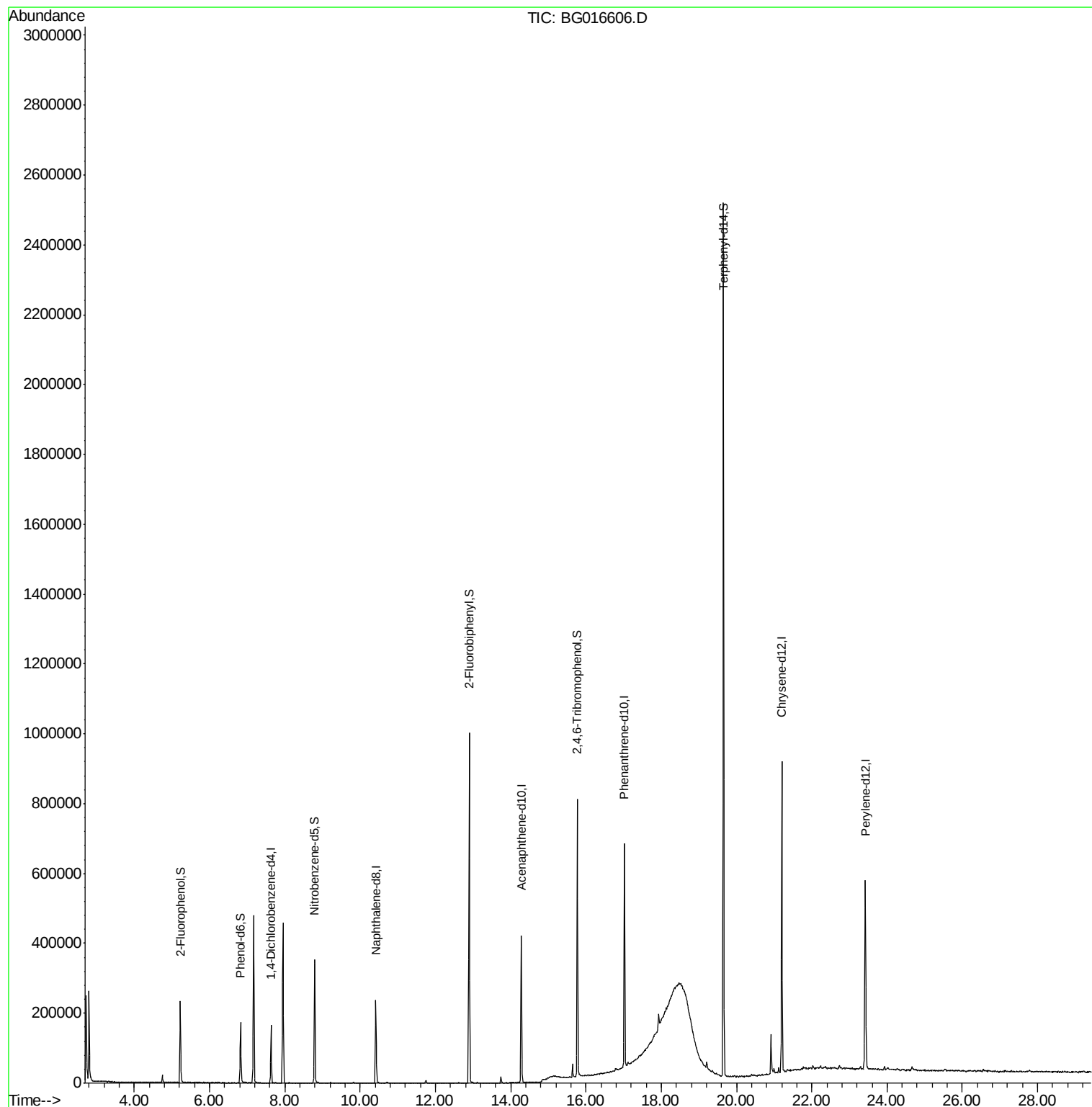
Target Compounds Qvalue

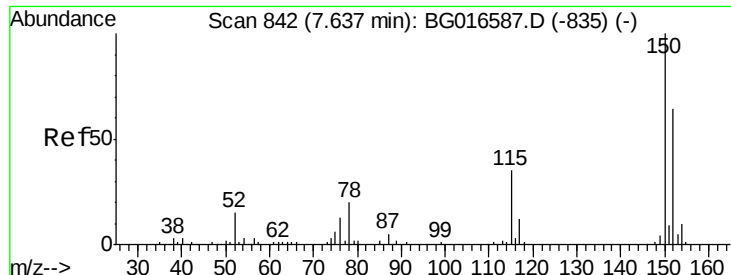
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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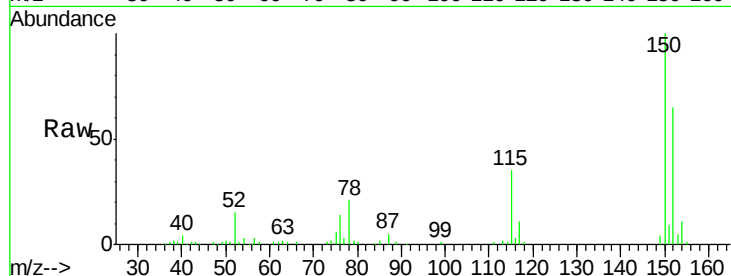


#1

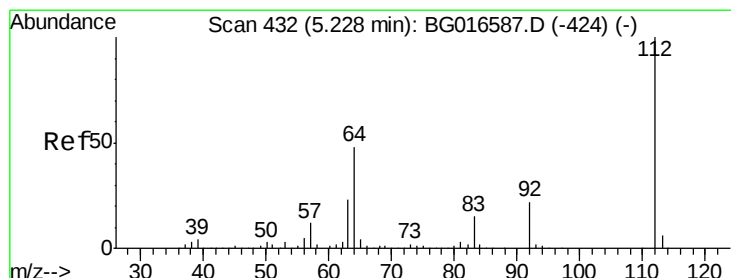
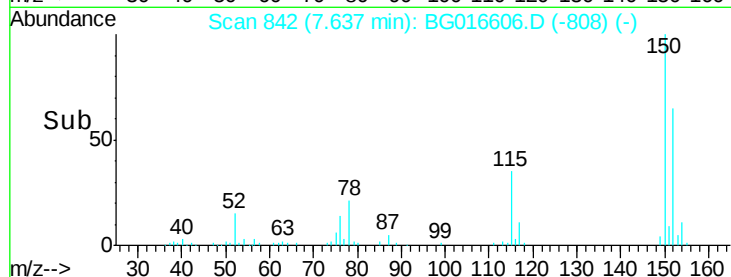
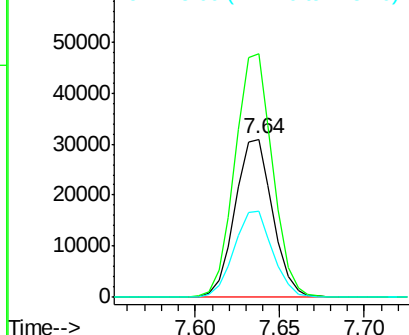
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.64 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG016606.D
 Acq: 22 Apr 2015 6:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tot Ion:152 Resp: 47924
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.5 188.3
 115 54.1 44.5 66.7



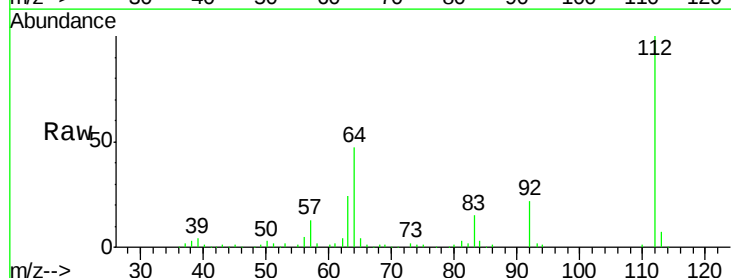
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



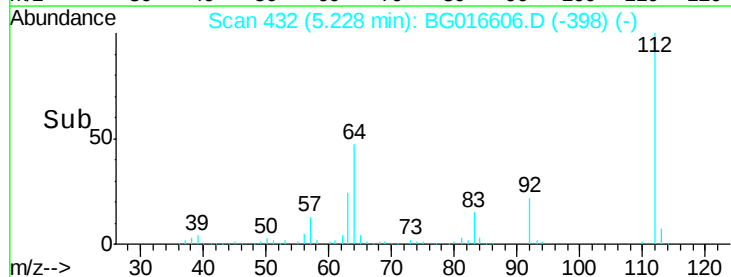
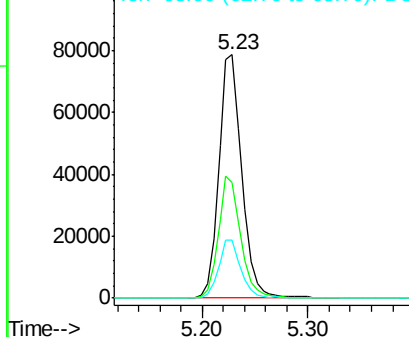
#5

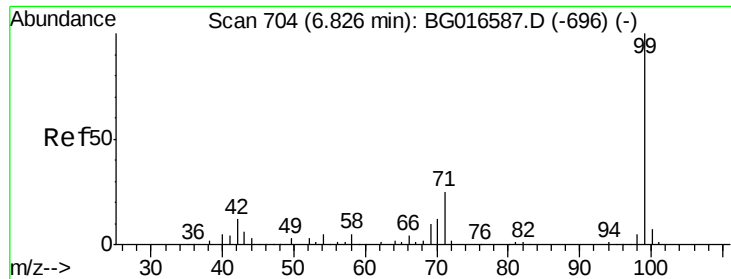
2-Fluorophenol
 Concen: 39.75 ng
 RT: 5.23 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BG016606.D
 Acq: 22 Apr 2015 6:15

Tgt Ion:112 Resp: 118859
 Ion Ratio Lower Upper
 112 100
 64 47.4 38.5 57.7
 63 23.7 18.2 27.4



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: 27.75 ng

RT: 6.83 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG016606.D

Acq: 22 Apr 2015 6:15

Instrument :

BNA_G

ClientSampleId :

MW-11

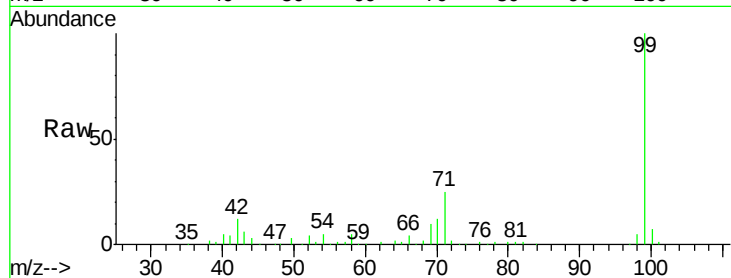
Tot Ion: 99 Resp: 115914

Ion Ratio Lower Upper

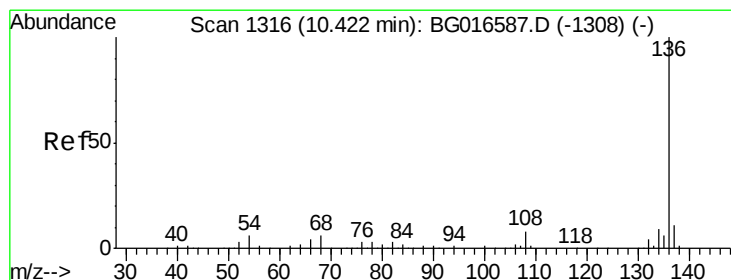
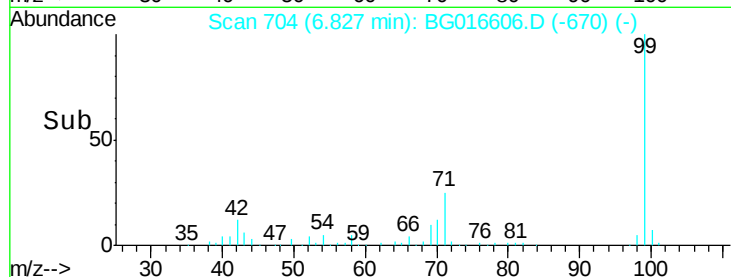
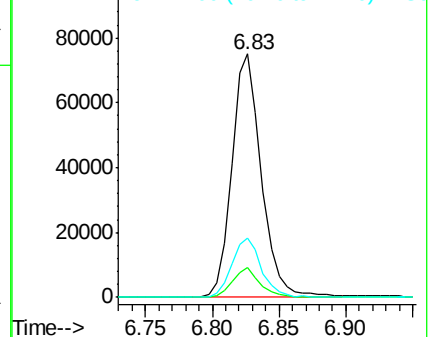
99 100

42 12.1 9.5 14.3

71 24.5 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG016606.D

Acq: 22 Apr 2015 6:15

Tgt Ion: 136 Resp: 214936

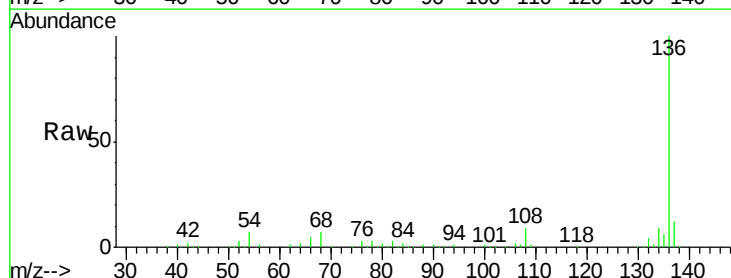
Ion Ratio Lower Upper

136 100

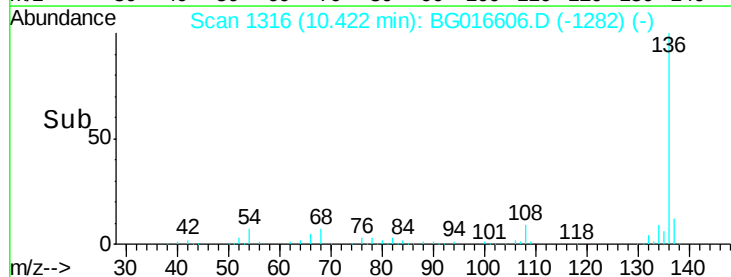
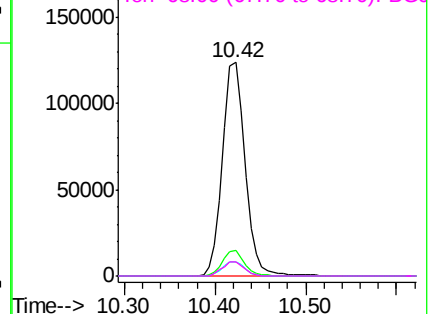
137 12.0 8.8 13.2

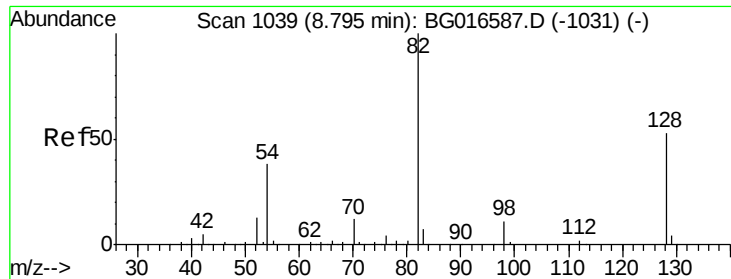
54 6.8 4.9 7.3

68 6.7 4.9 7.3



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

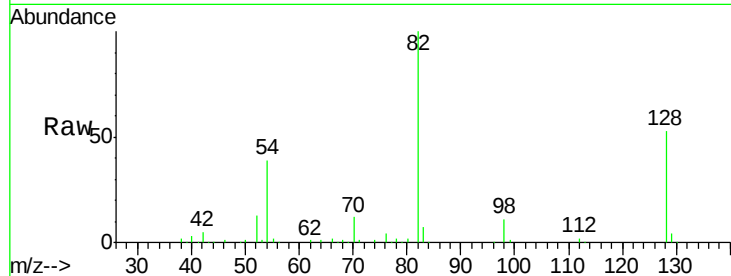




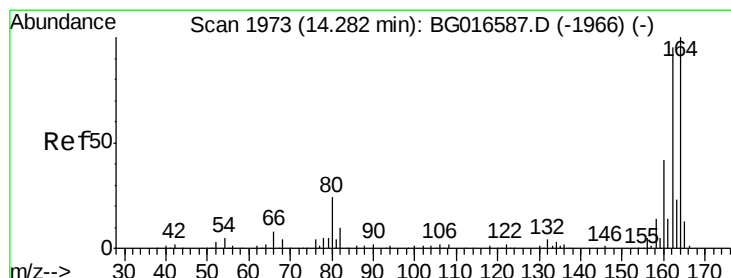
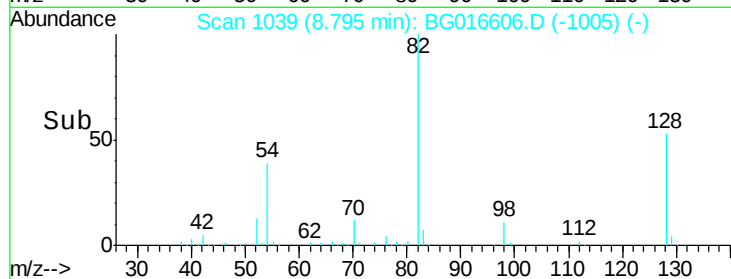
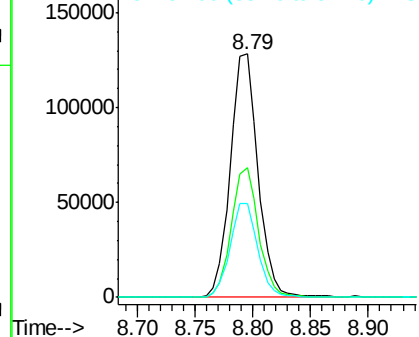
#23
 Nitrobenzene-d5
 Concen: 61.10 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG016606.D
 Acq: 22 Apr 2015 6:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tot Ion: 82 Resp: 213293
 Ion Ratio Lower Upper
 82 100
 128 53.4 42.7 64.1
 54 38.8 30.6 45.8

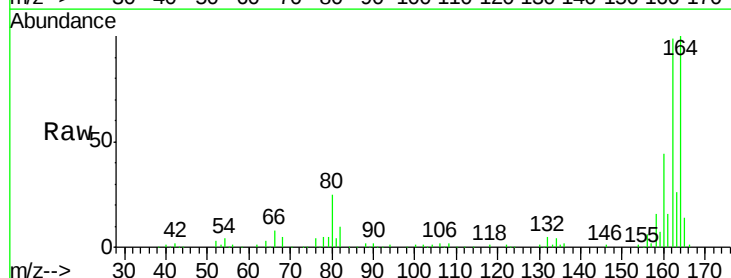


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

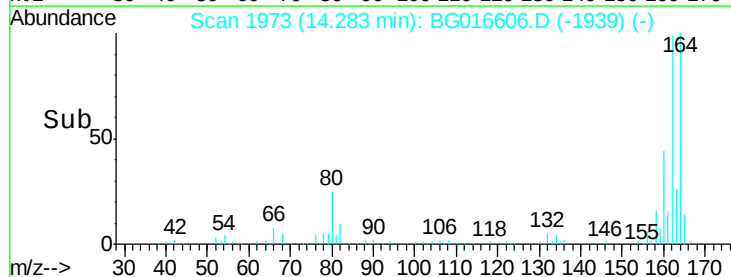
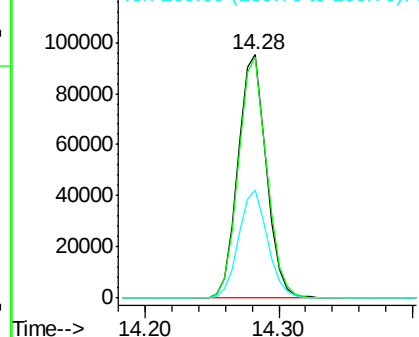


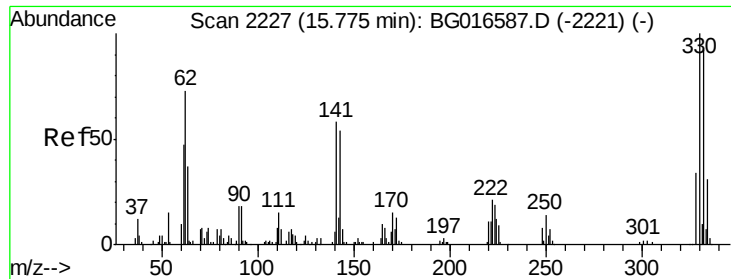
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG016606.D
 Acq: 22 Apr 2015 6:15

Tgt Ion:164 Resp: 140033
 Ion Ratio Lower Upper
 164 100
 162 99.0 75.8 113.6
 160 44.5 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

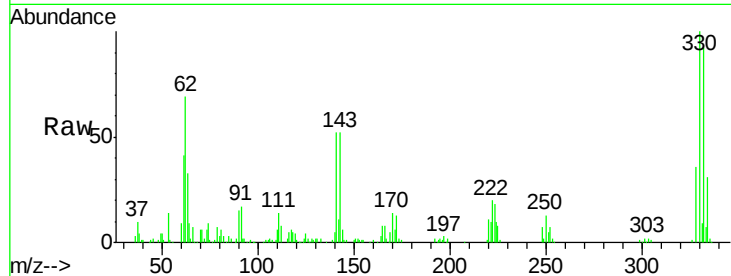




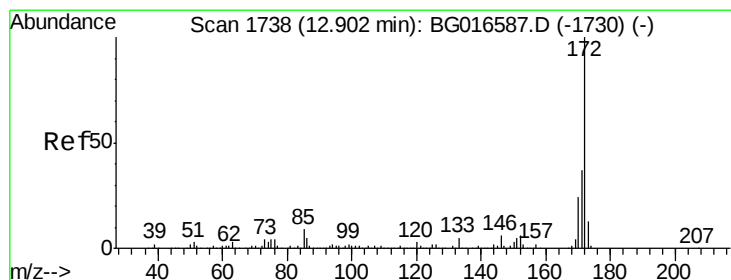
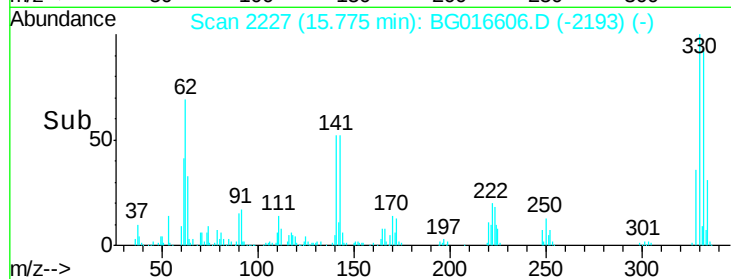
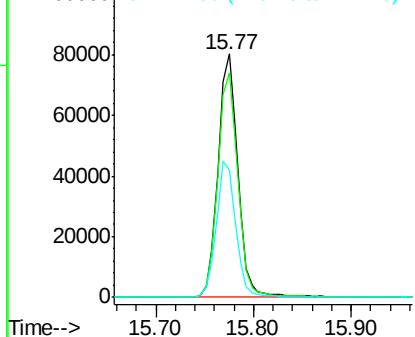
#41
 2,4,6-Tribromophenol
 Concen: 119.46 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG016606.D
 Acq: 22 Apr 2015 6:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tot Ion:330 Resp: 113619
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 114.8
 141 54.8 45.9 68.9

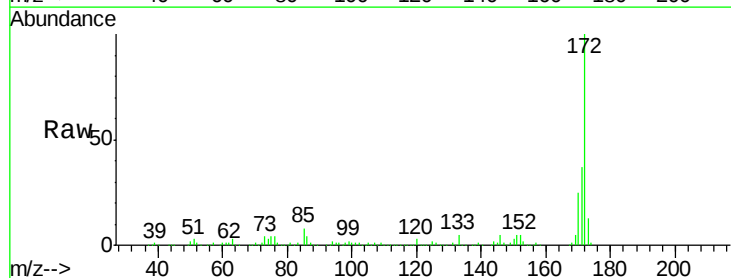


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

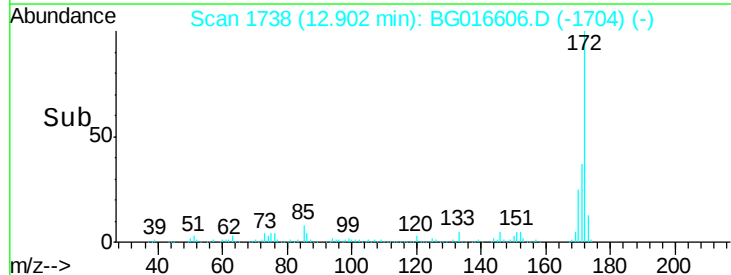
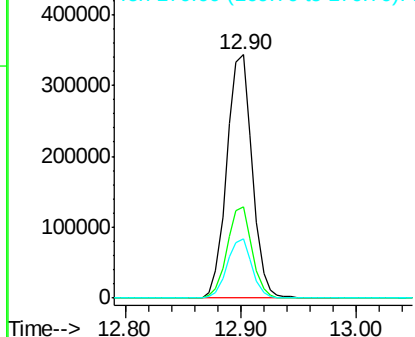


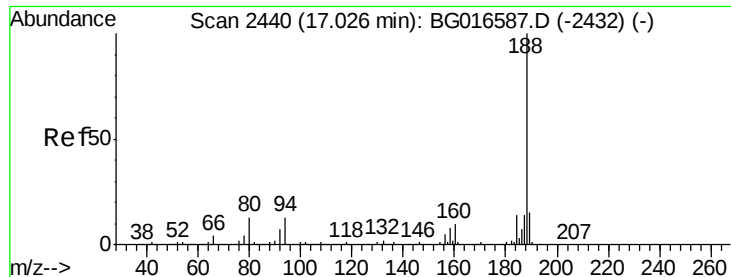
#44
 2-Fluorobiphenyl
 Concen: 61.76 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG016606.D
 Acq: 22 Apr 2015 6:15

Tgt Ion:172 Resp: 522193
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.5 19.4 29.0



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

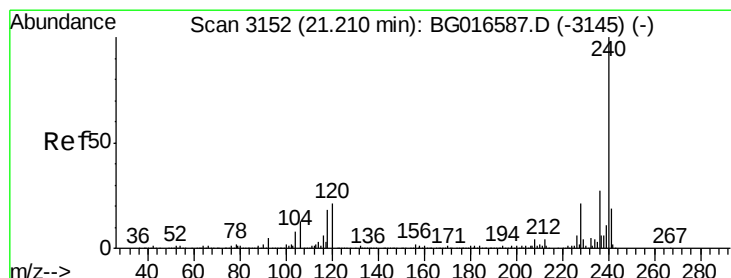
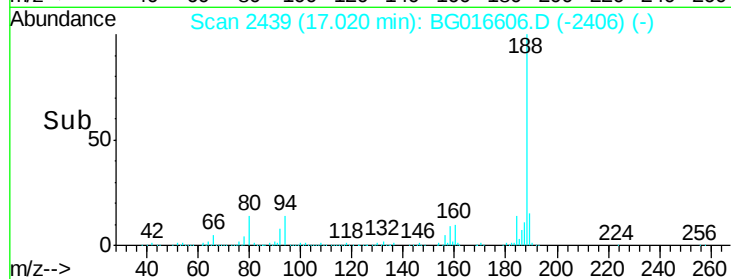
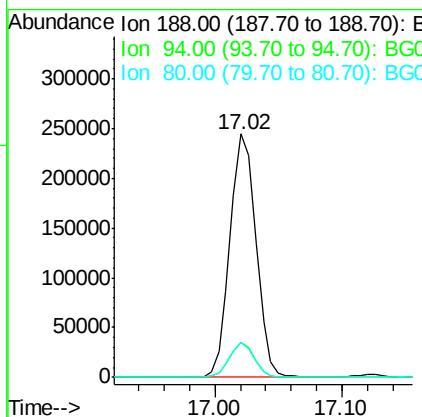
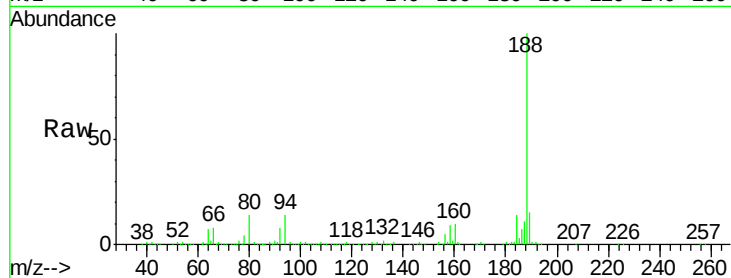




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG016606.D
Acq: 22 Apr 2015 6:15

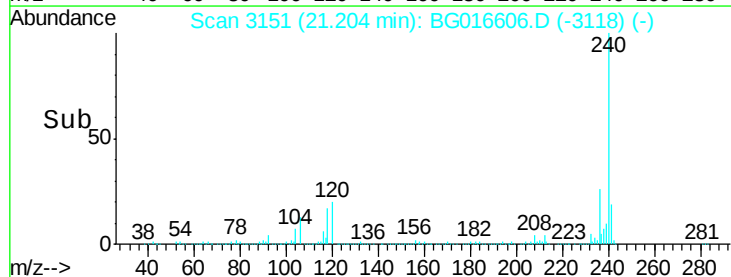
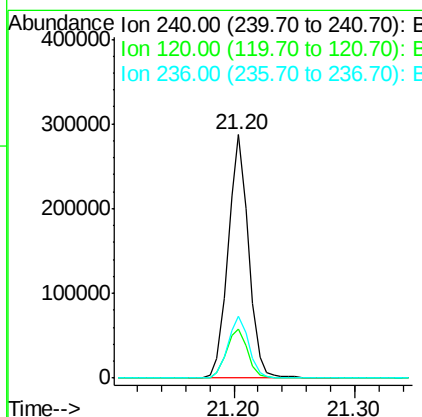
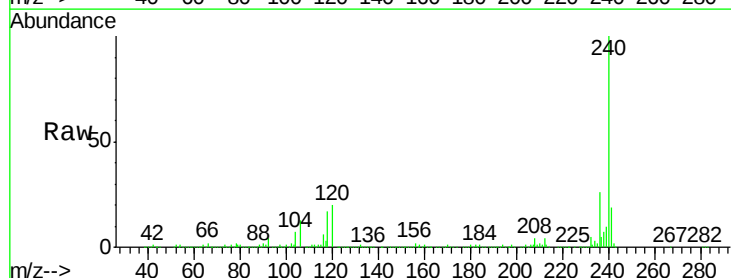
Instrument :
BNA_G
ClientSampleId :
MW-11

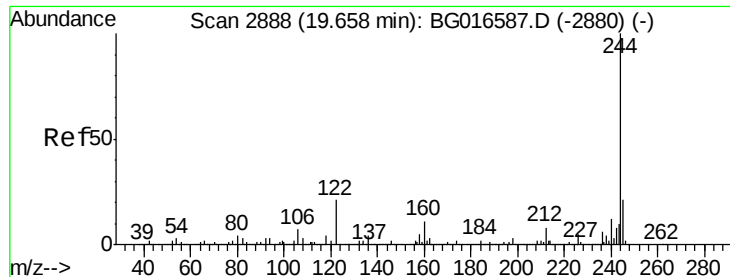
Tot Ion:188 Resp: 347360
Ion Ratio Lower Upper
188 100
94 14.2 10.5 15.7
80 14.4 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG016606.D
Acq: 22 Apr 2015 6:15

Tgt Ion:240 Resp: 336155
Ion Ratio Lower Upper
240 100
120 20.4 16.7 25.1
236 25.5 21.7 32.5





#78

Terphenyl-d14

Concen: 62.44 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG016606.D

Acq: 22 Apr 2015 6:15

Instrument :

BNA_G

ClientSampleId :

MW-11

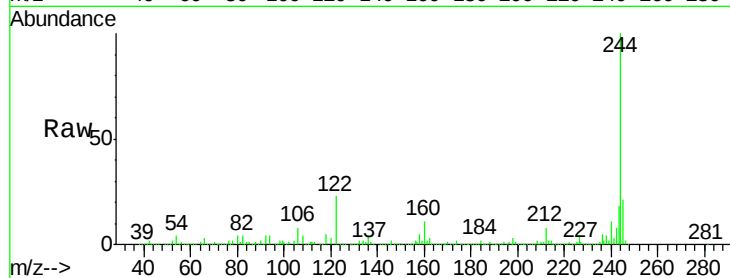
Tot Ion:244 Resp: 871276

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

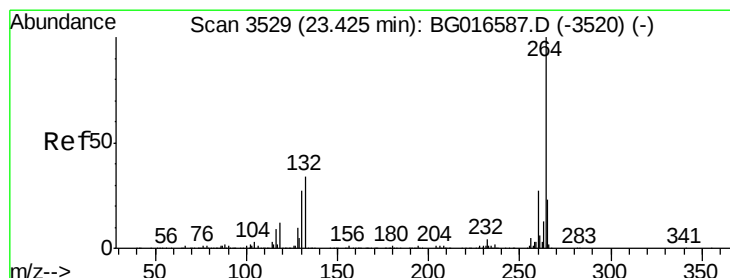
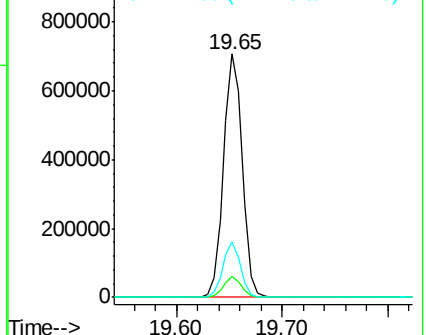
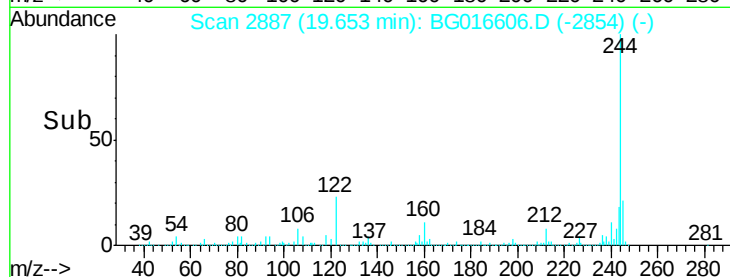
122 23.0 17.0 25.6



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: 23.42 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG016606.D

Acq: 22 Apr 2015 6:15

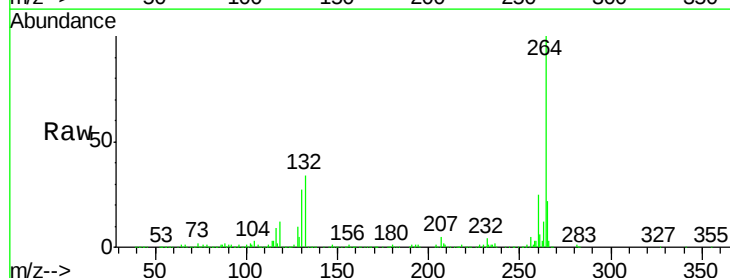
Tgt Ion:264 Resp: 317110

Ion Ratio Lower Upper

264 100

260 25.0 21.4 32.2

265 22.4 18.7 28.1



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

