

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
 Data File : BG016261.D
 Acq On : 7 Apr 2015 17:49
 Operator : TP/IZ
 Sample : G1776-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Apr 08 15:30:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:25:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	79201	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	383769	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	228816	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	407191	20.00	ng	0.00
75) Chrysene-d12	21.26	240	339103	20.00	ng	0.00
86) Perylene-d12	23.51	264	316356	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	299598	59.70	ng	0.00
7) Phenol-d6	6.87	99	269376	35.76	ng	0.00
23) Nitrobenzene-d5	8.86	82	612530	92.46	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	211222	136.50	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1231913	91.67	ng	0.00
78) Terphenyl-d14	19.72	244	1150265	79.39	ng	0.00

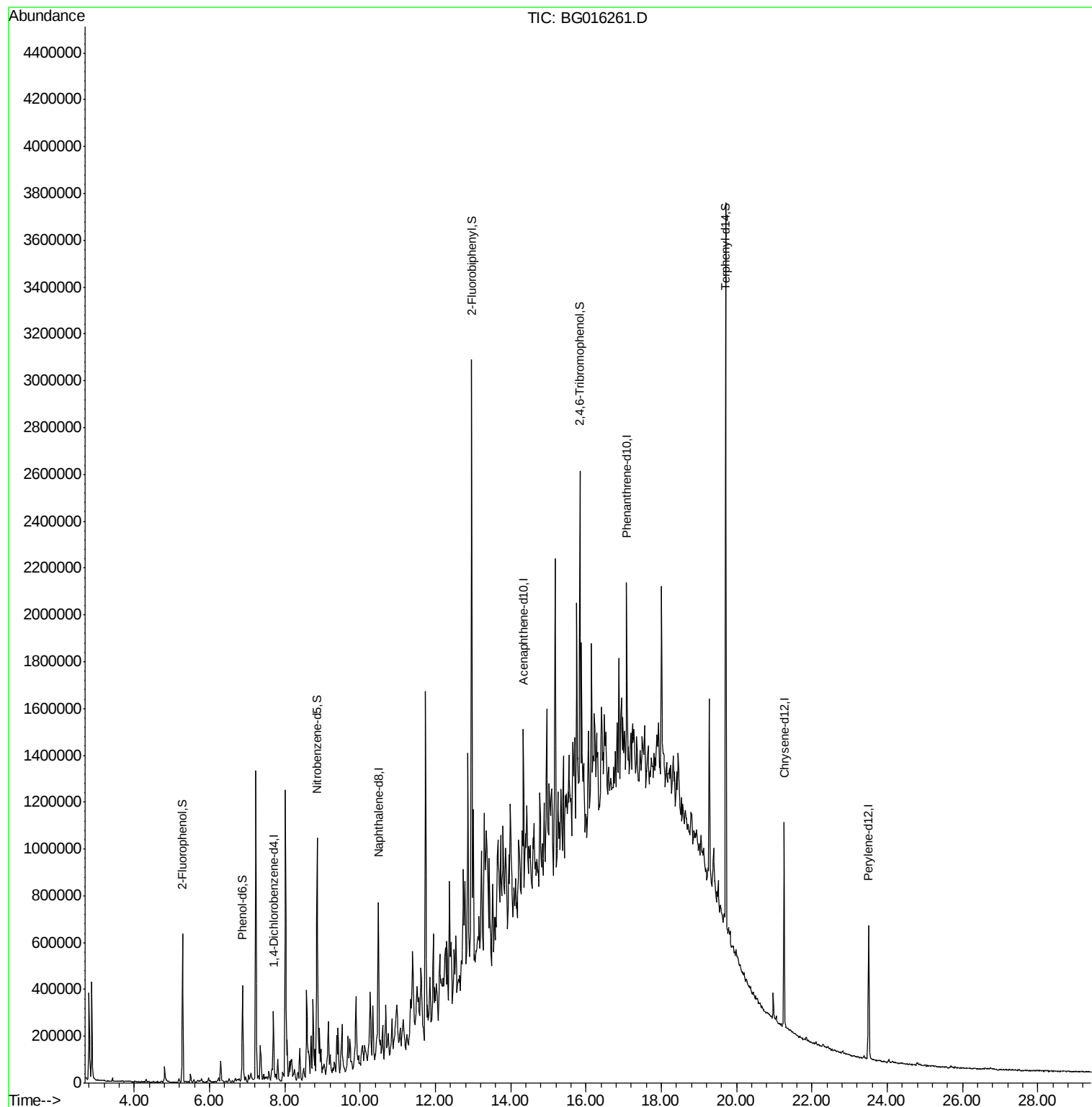
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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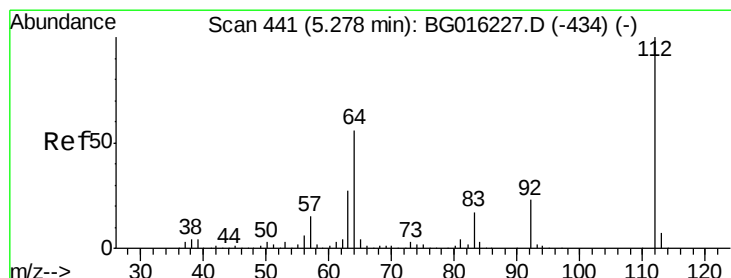
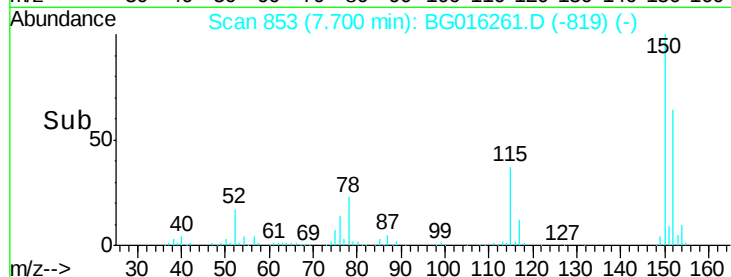
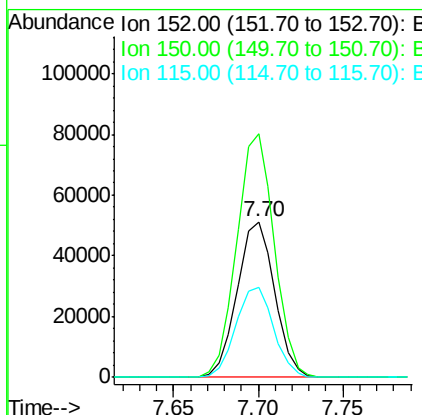
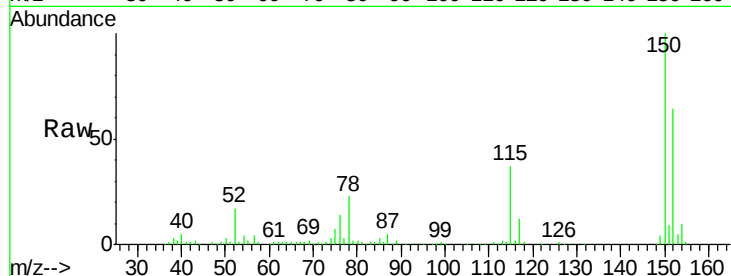


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Instrument :
BNA_G
ClientSampleId :
MW-16

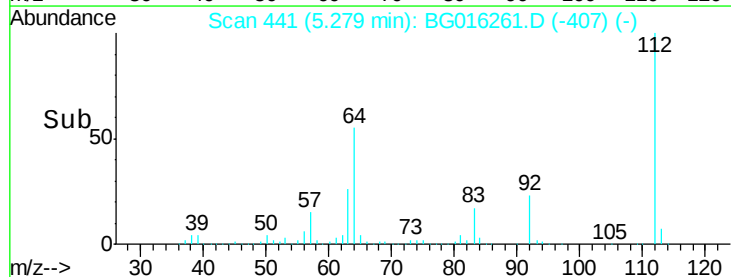
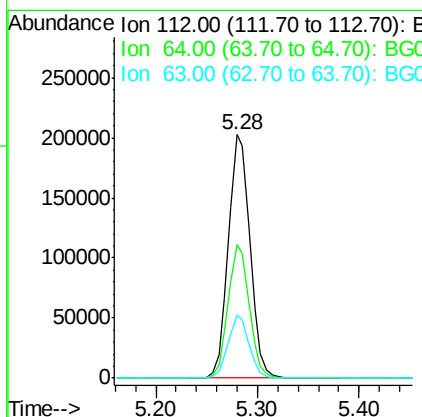
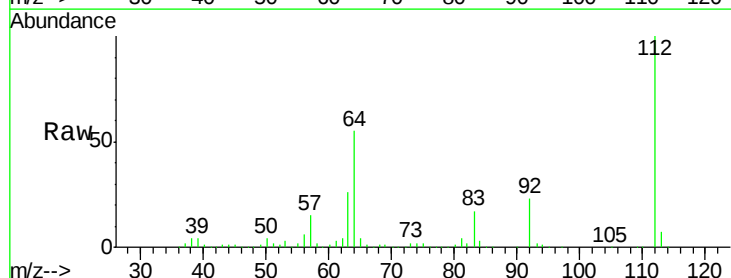
Tgt Ion:152 Resp: 79201
Ion Ratio Lower Upper
152 100
150 156.3 130.1 195.1
115 57.8 50.5 75.7

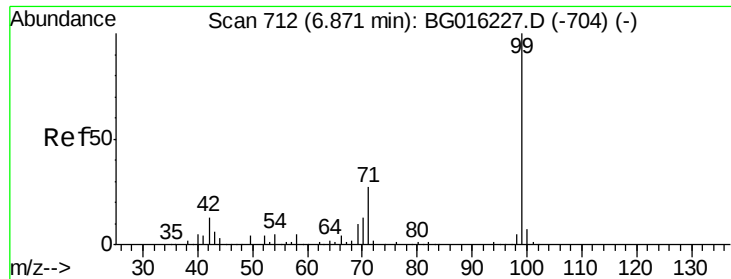


#5

2-Fluorophenol
Concen: 59.70 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Tgt Ion:112 Resp: 299598
Ion Ratio Lower Upper
112 100
64 54.9 44.5 66.7
63 26.0 21.4 32.0





#7

Phenol-d6

Concen: 35.76 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Instrument :

BNA_G

ClientSampleId :

MW-16

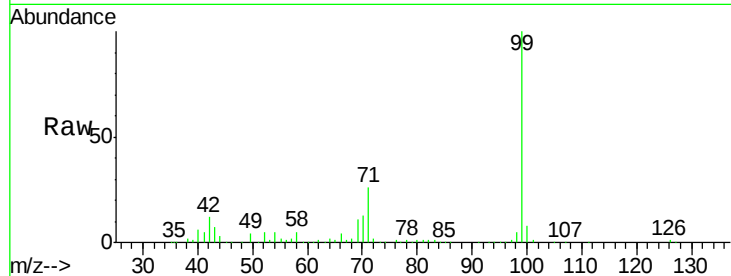
Tgt Ion: 99 Resp: 269376

Ion Ratio Lower Upper

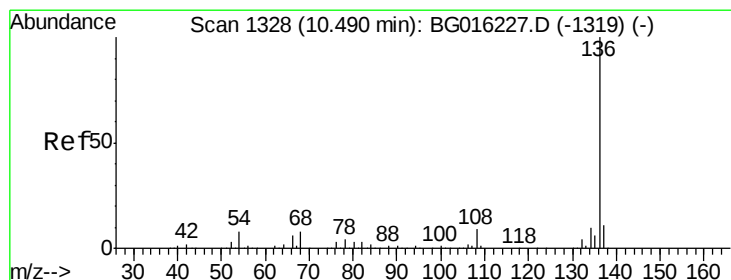
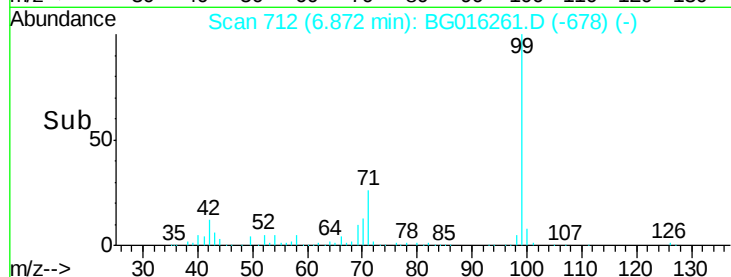
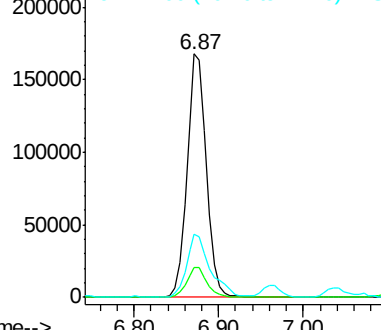
99 100

42 12.5 10.0 15.0

71 26.0 21.5 32.3



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: 10.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Tgt Ion: 136 Resp: 383769

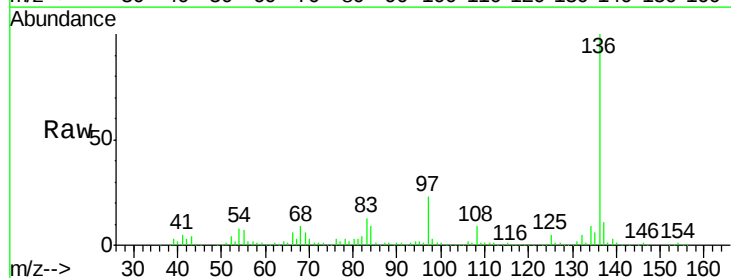
Ion Ratio Lower Upper

136 100

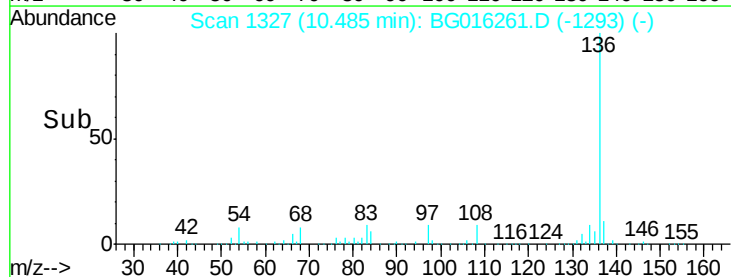
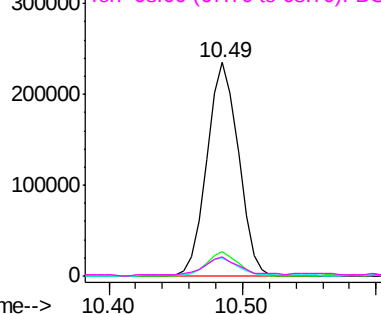
137 11.4 8.7 13.1

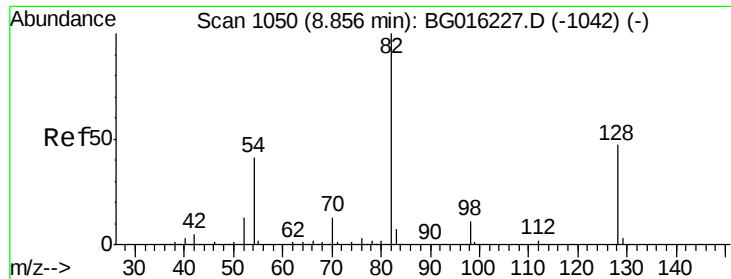
54 8.3 6.3 9.5

68 8.7 6.5 9.7



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

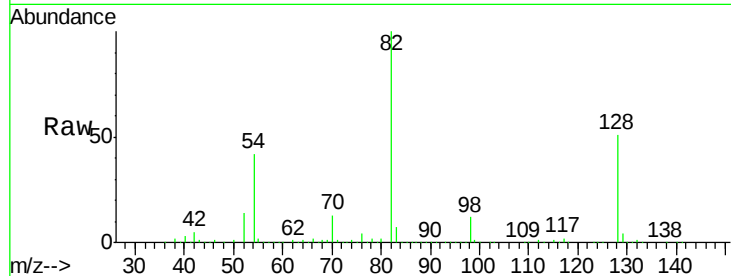




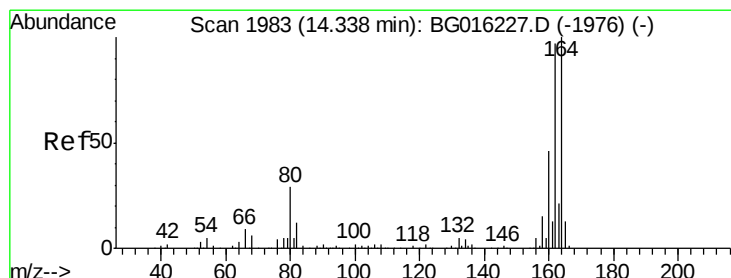
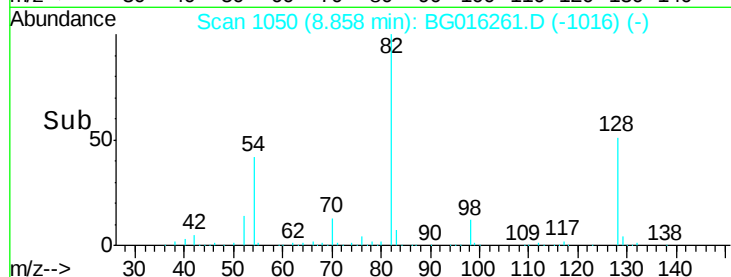
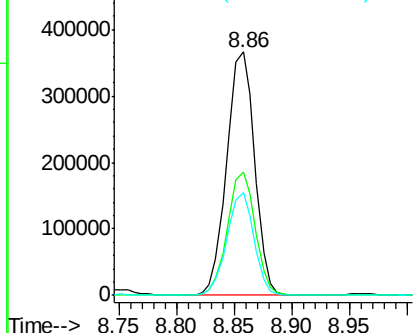
#23
 Nitrobenzene-d5
 Concen: 92.46 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Instrument :
 BNA_G
 ClientSampled :
 MW-16

Tgt Ion: 82 Resp: 612530
 Ion Ratio Lower Upper
 82 100
 128 50.9 37.8 56.8
 54 42.0 32.6 49.0

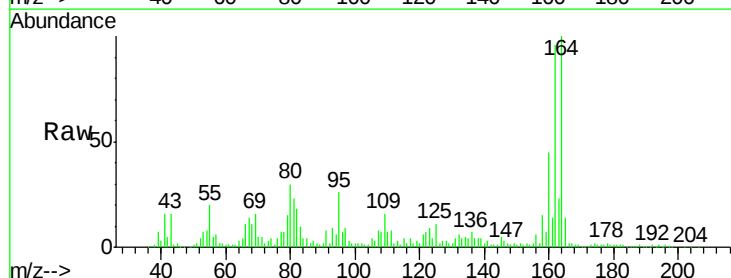


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

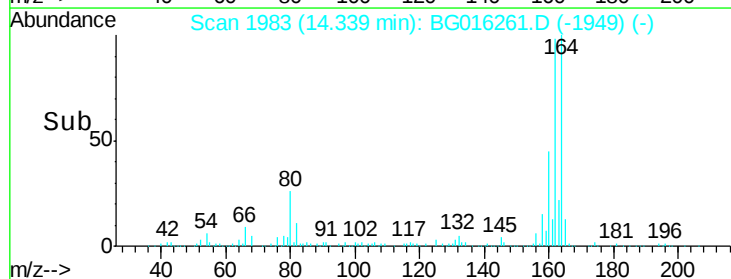
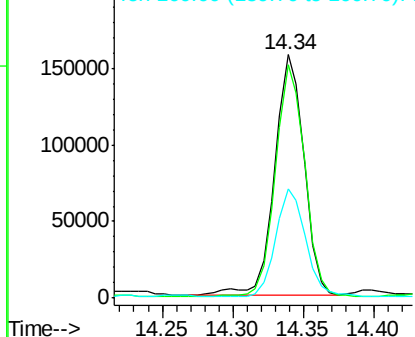


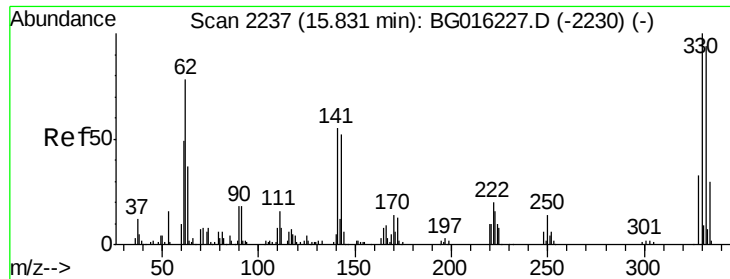
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Tgt Ion: 164 Resp: 228816
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.3 115.9
 160 44.6 36.7 55.1



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

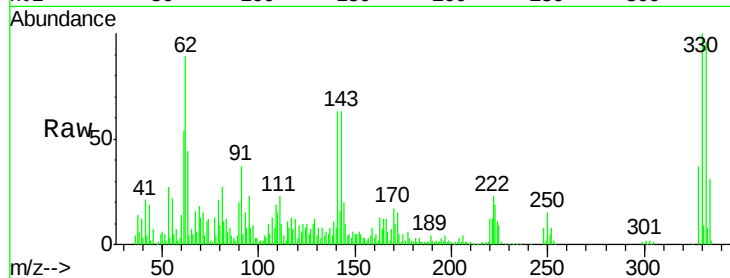




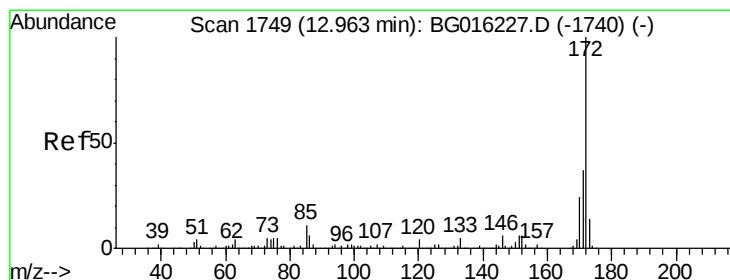
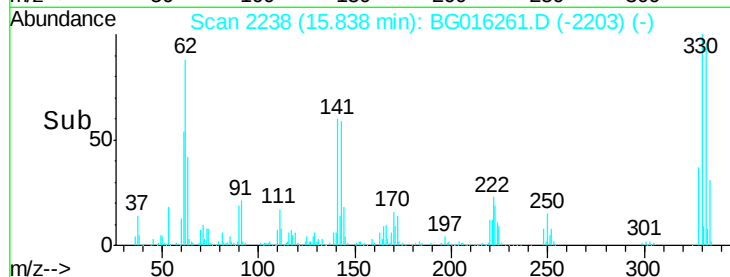
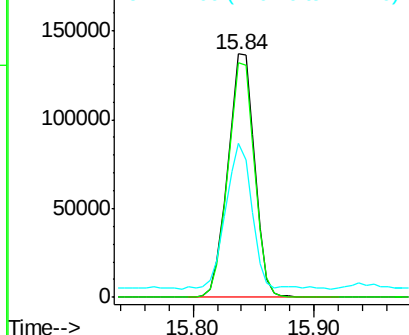
#41
 2,4,6-Tribromophenol
 Concen: 136.50 ng
 RT: 15.84 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Tgt Ion:330 Resp: 211222
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.8 113.6
 141 57.7 46.6 69.8

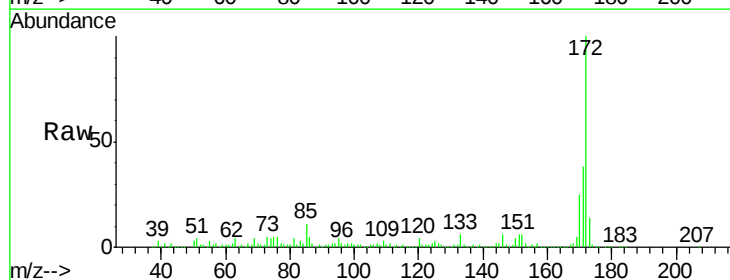


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

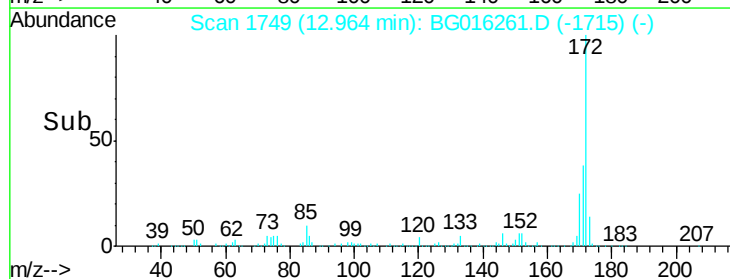
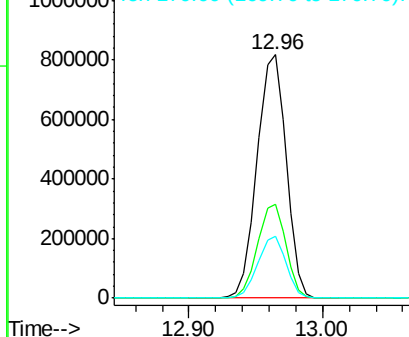


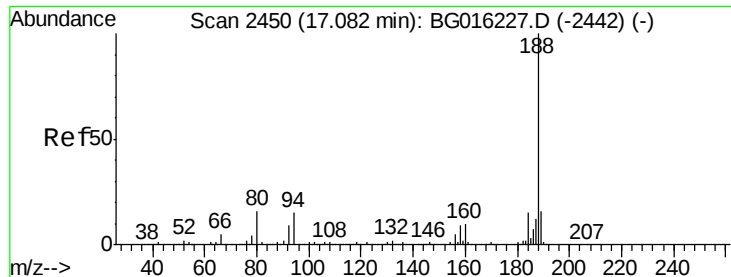
#44
 2-Fluorobiphenyl
 Concen: 91.67 ng
 RT: 12.96 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Tgt Ion:172 Resp: 1231913
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.6 44.4
 170 25.3 19.4 29.2



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: 17.08 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Instrument :

BNA_G

ClientSampleId :

MW-16

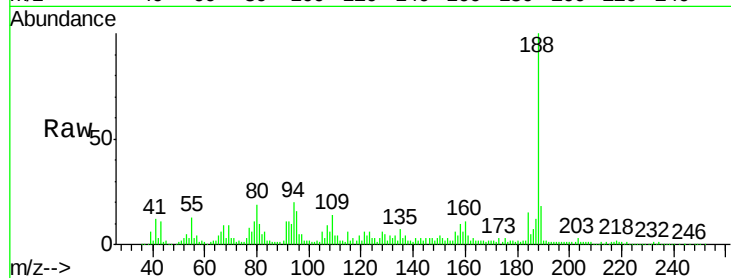
Tgt Ion:188 Resp: 407191

Ion Ratio Lower Upper

188 100

94 19.7 12.2 18.4#

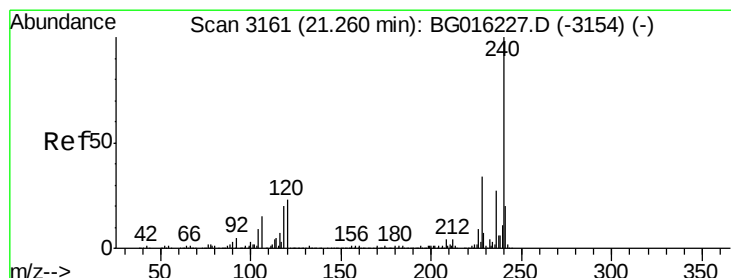
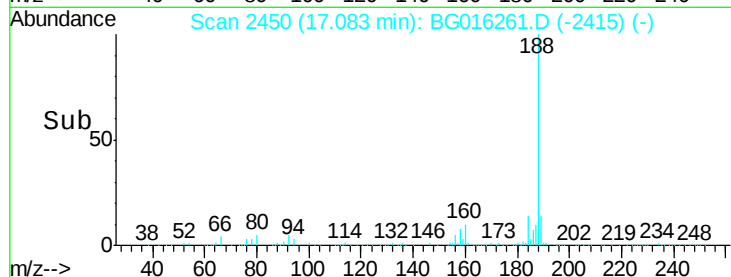
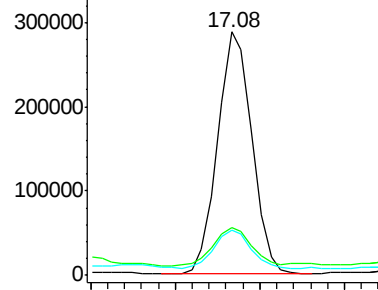
80 18.8 12.8 19.2



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: 21.26 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

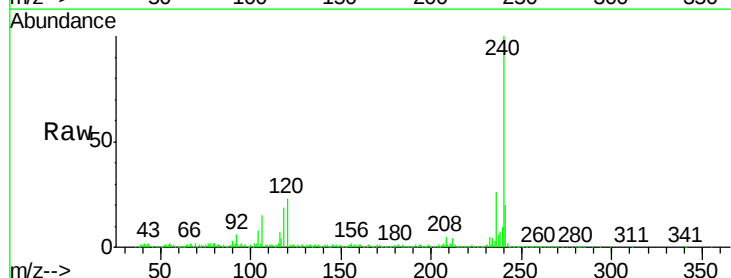
Tgt Ion:240 Resp: 339103

Ion Ratio Lower Upper

240 100

120 22.7 18.6 28.0

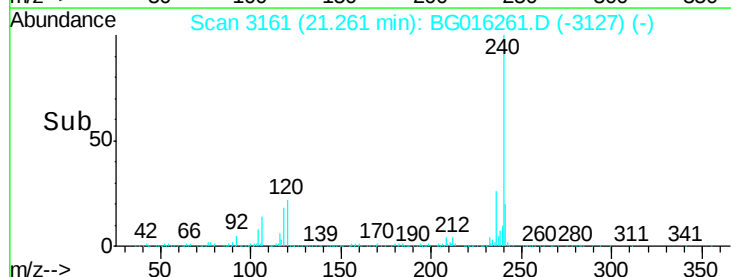
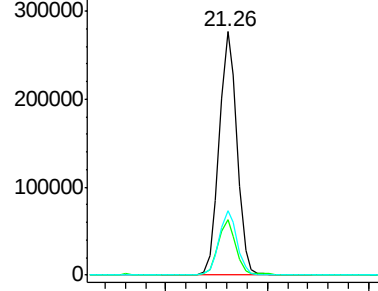
236 26.4 21.7 32.5

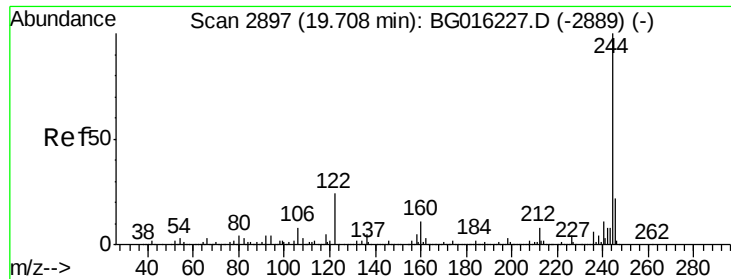


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.39 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.01 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Instrument :

BNA_G

ClientSampleId :

MW-16

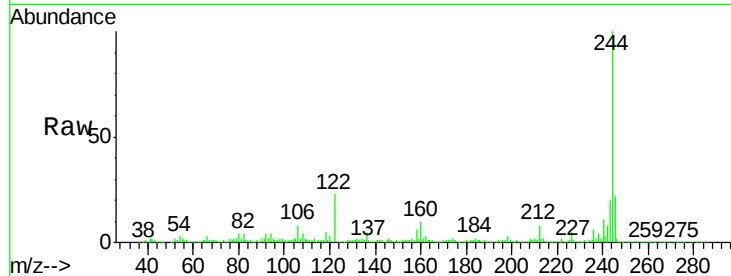
Tgt Ion:244 Resp: 1150265

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

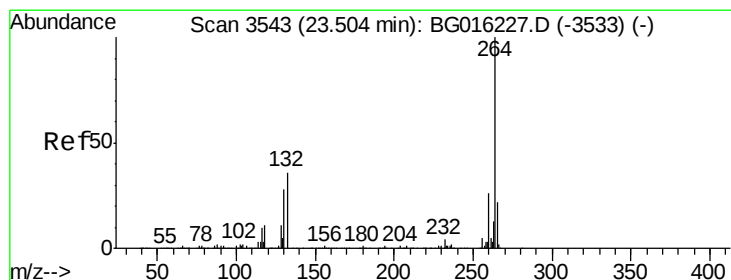
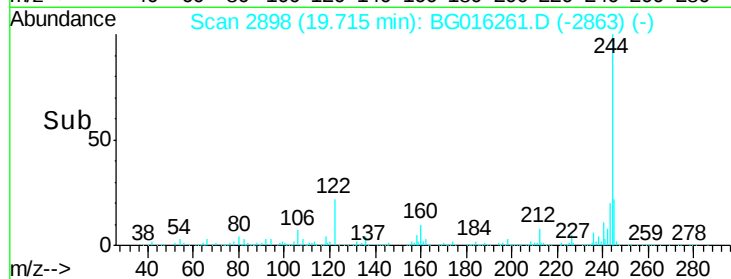
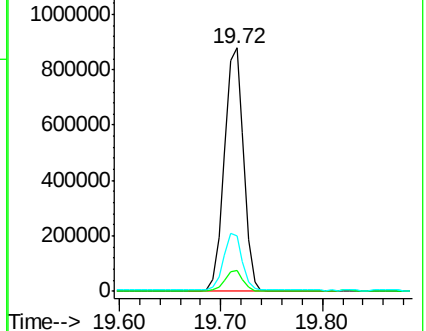
122 22.6 19.1 28.7



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: 23.51 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

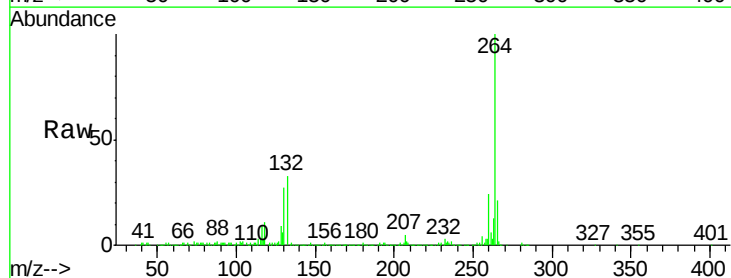
Tgt Ion:264 Resp: 316356

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

265 21.0 17.2 25.8



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

