

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016305.D
 Acq On : 10 Apr 2015 1:28
 Operator : TP/IZ
 Sample : PB82620BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82620BL

Quant Time: Apr 10 03:51:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	81898	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	376557	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	226134	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	491821	20.00	ng	0.00
75) Chrysene-d12	21.25	240	431994	20.00	ng	0.00
86) Perylene-d12	23.50	264	393391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	579538	111.68	ng	0.01
7) Phenol-d6	6.89	99	843339	108.26	ng	0.02
23) Nitrobenzene-d5	8.86	82	415324	63.89	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	169141	110.60	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	876378	65.98	ng	0.00
78) Terphenyl-d14	19.71	244	1120158	60.69	ng	0.00

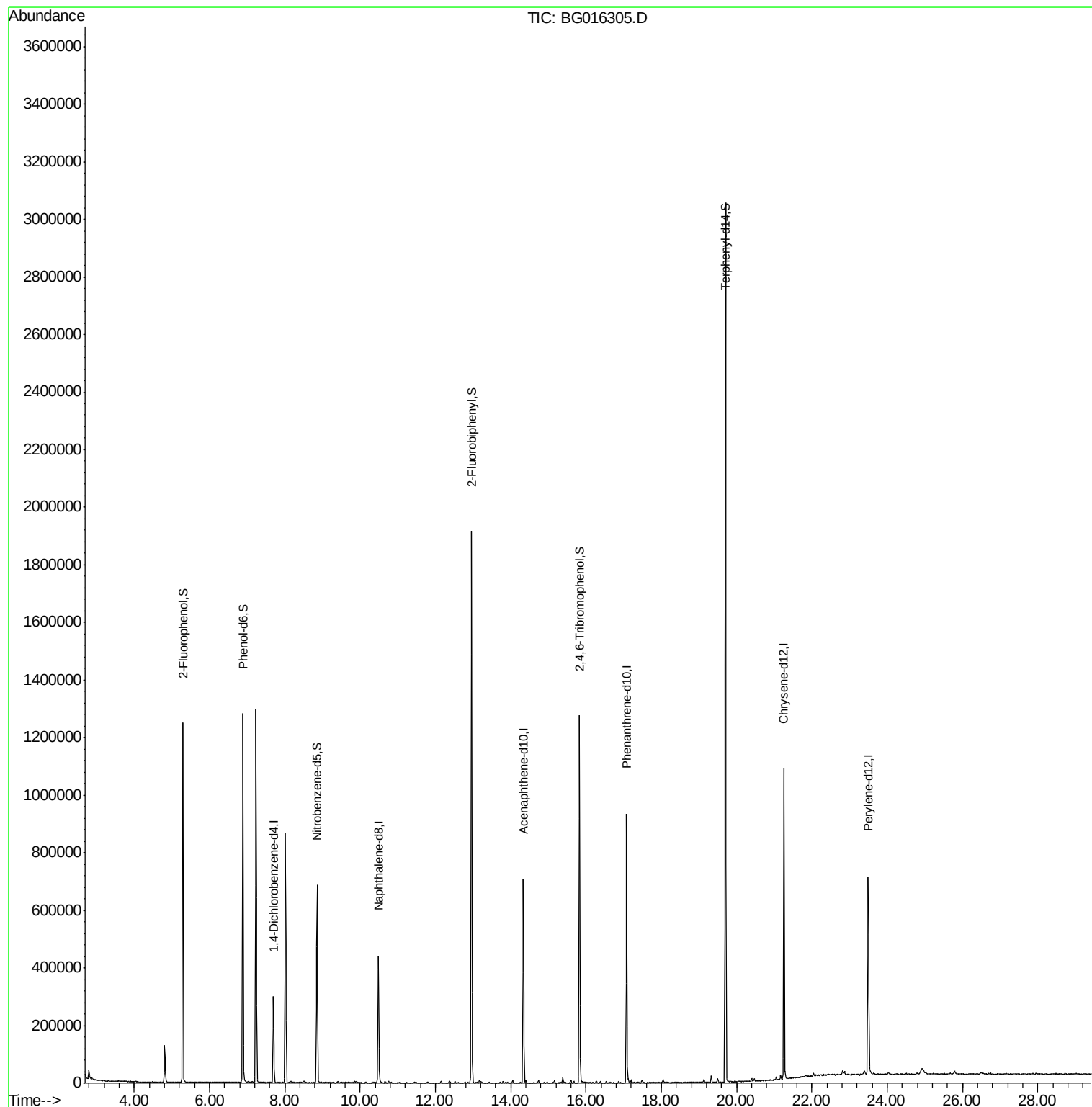
Target Compounds Qvalue

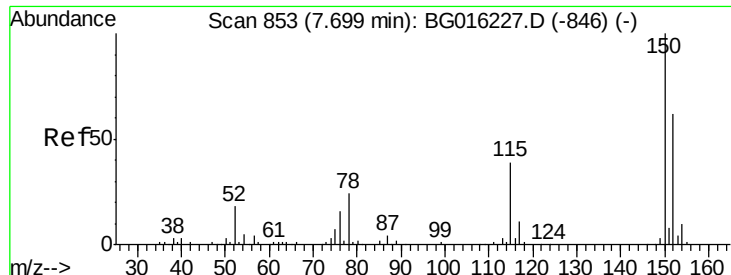
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82620BL

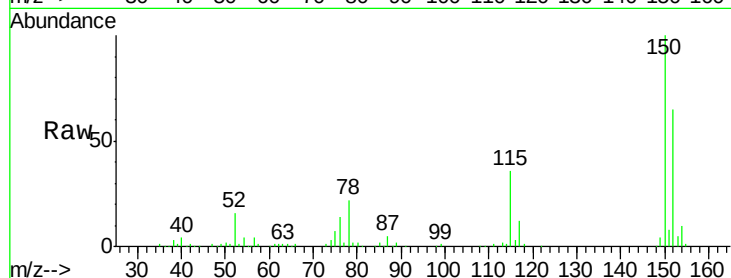
Tot Ion:152 Resp: 81898

Ion Ratio Lower Upper

152 100

150 154.3 130.1 195.1

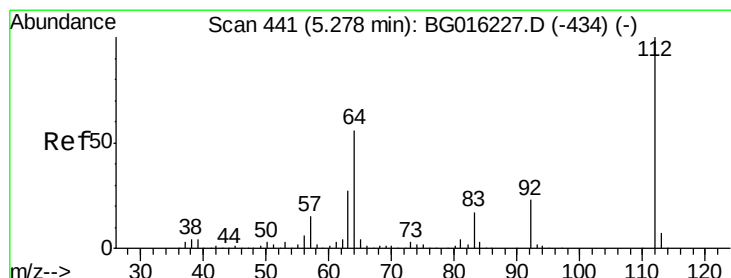
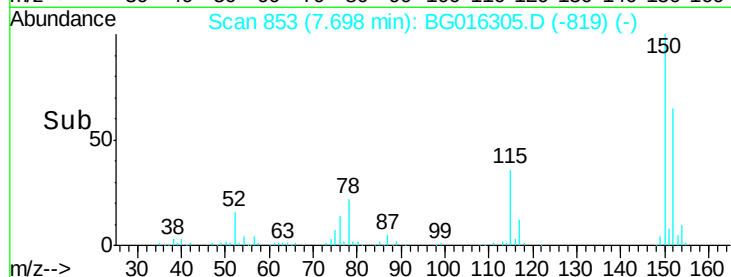
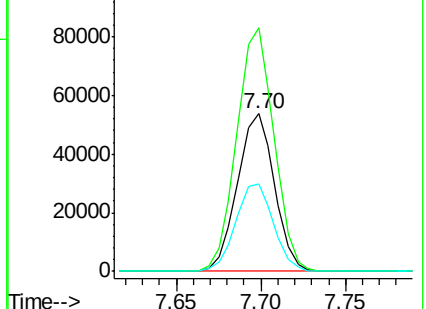
115 55.5 50.5 75.7



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: 111.68 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

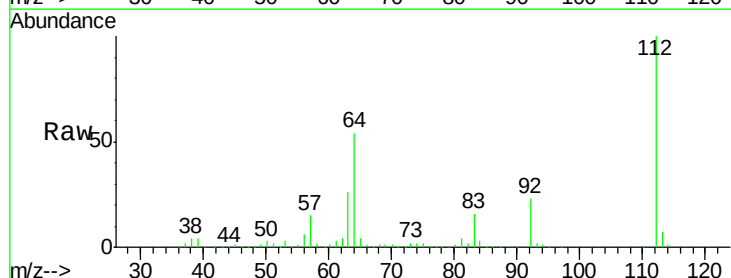
Tgt Ion:112 Resp: 579538

Ion Ratio Lower Upper

112 100

64 54.1 44.5 66.7

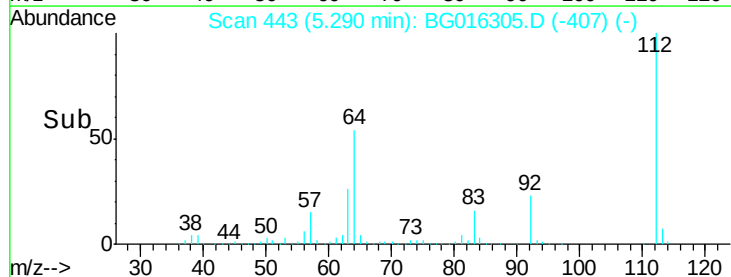
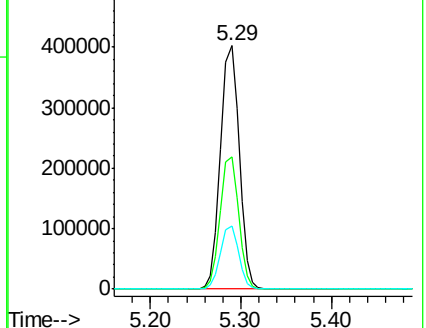
63 26.0 21.4 32.0

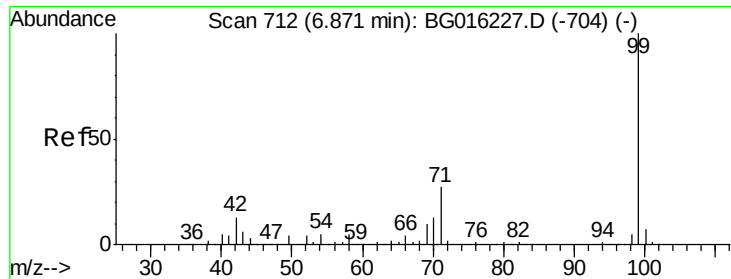


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.26 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

PB82620BL

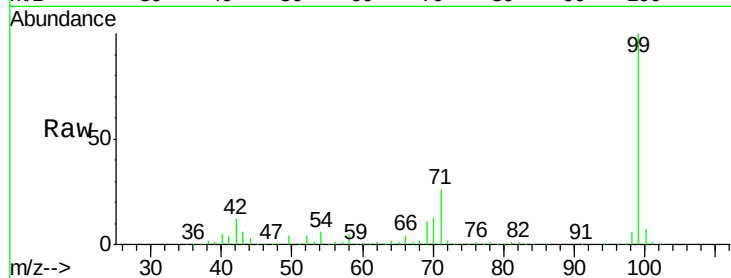
Tot Ion: 99 Resp: 843339

Ion Ratio Lower Upper

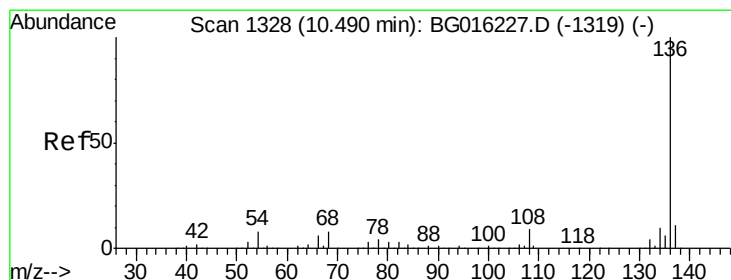
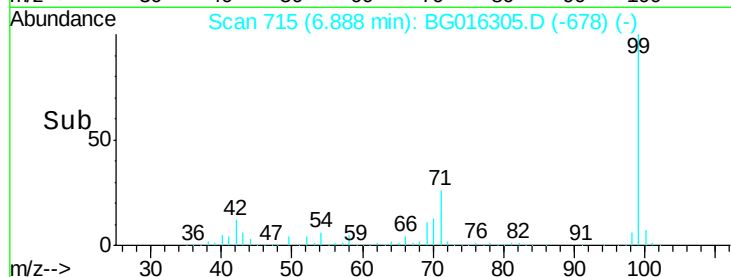
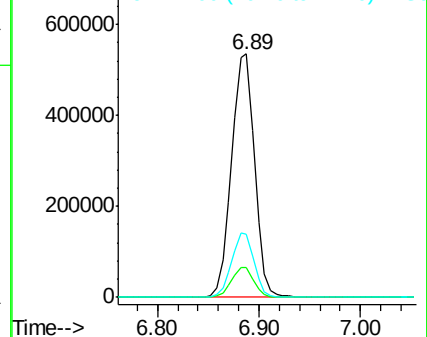
99 100

42 12.1 10.0 15.0

71 26.1 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: 10.48 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Tgt Ion: 136 Resp: 376557

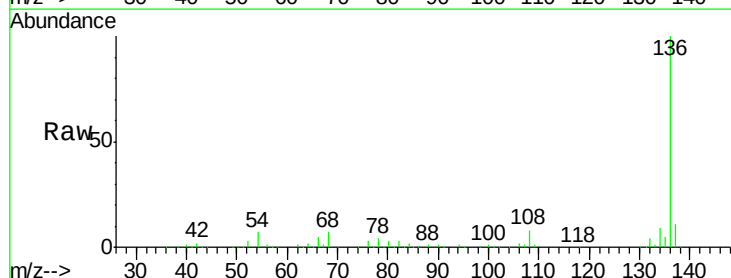
Ion Ratio Lower Upper

136 100

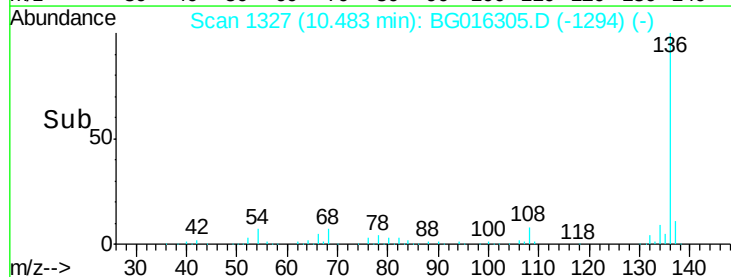
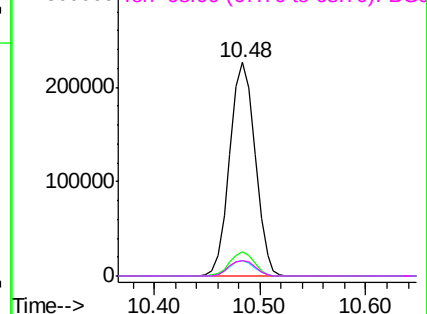
137 11.2 8.7 13.1

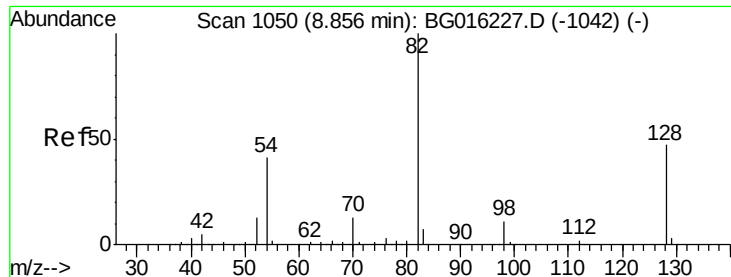
54 7.2 6.3 9.5

68 7.4 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

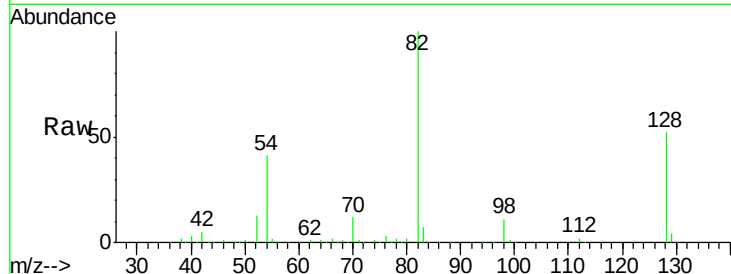




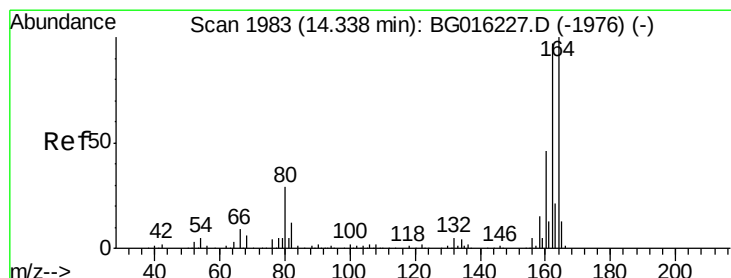
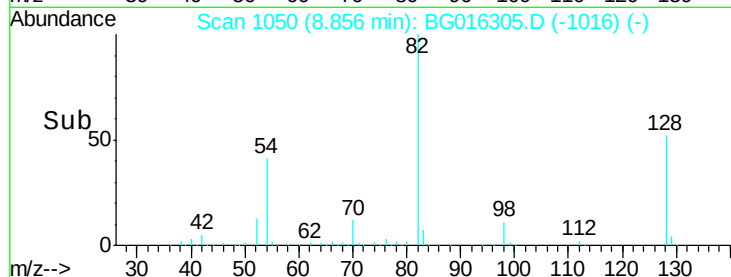
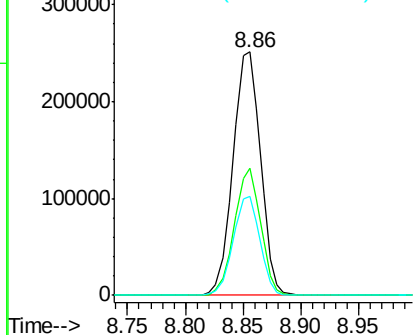
#23
Nitrobenzene-d5
Concen: 63.89 ng
RT: 8.86 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG016305.D
Acq: 10 Apr 2015 1:28

Instrument :
BNA_G
ClientSampleId :
PB82620BL

Tot Ion: 82 Resp: 415324
Ion Ratio Lower Upper
82 100
128 52.3 37.8 56.8
54 40.8 32.6 49.0

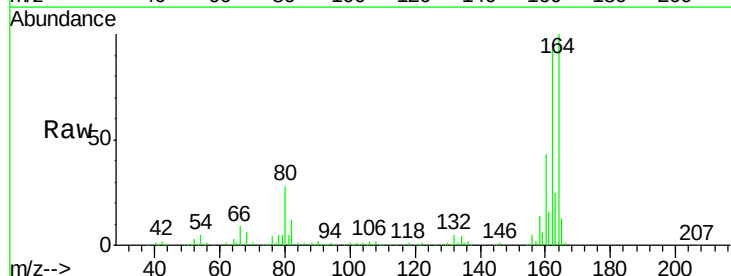


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

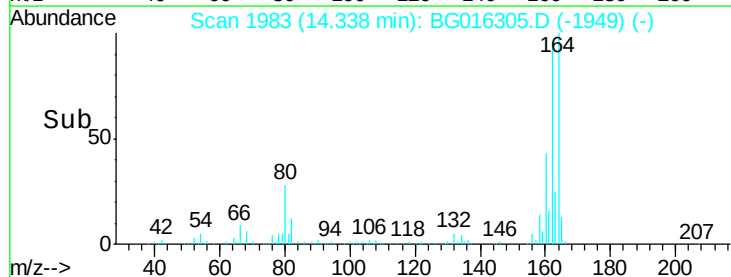
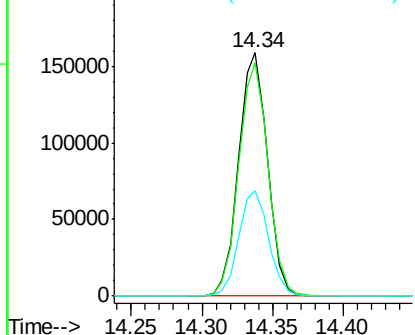


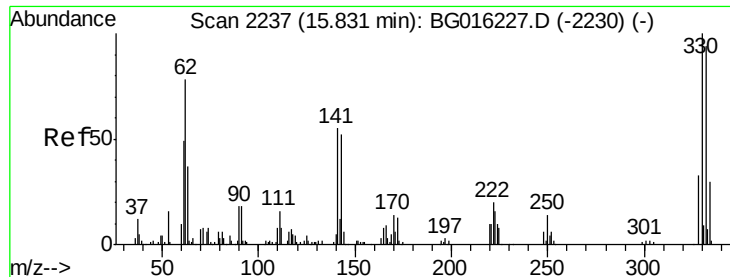
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016305.D
Acq: 10 Apr 2015 1:28

Tgt Ion:164 Resp: 226134
Ion Ratio Lower Upper
164 100
162 95.8 77.3 115.9
160 43.4 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

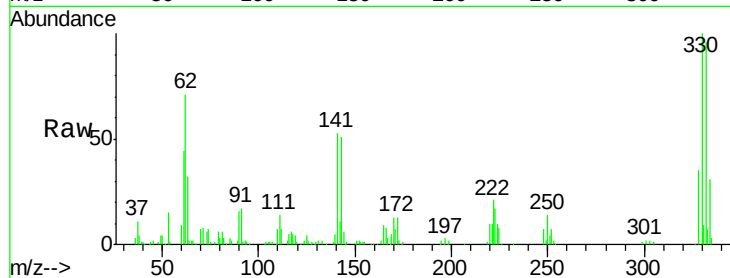




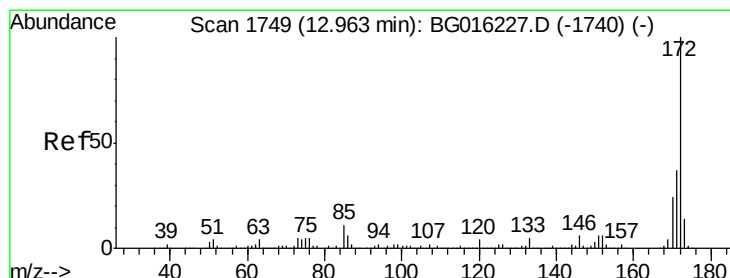
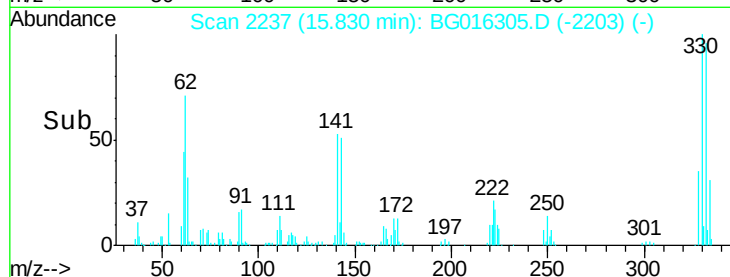
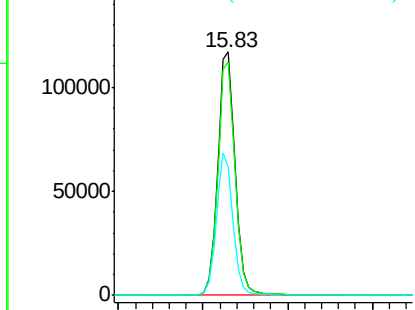
#41
 2,4,6-Tribromophenol
 Concen: 110.60 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BG016305.D
 Acq: 10 Apr 2015 1:28

Instrument :
 BNA_G
 ClientSampled :
 PB82620BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	56.1	46.6	69.8

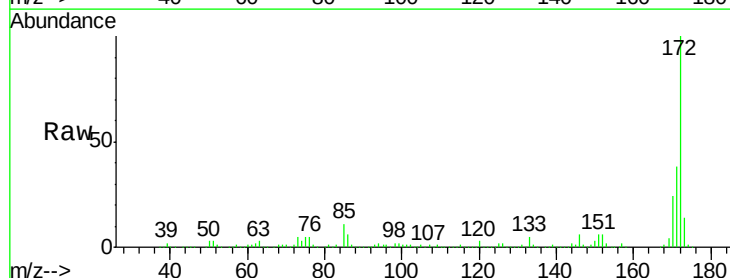


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

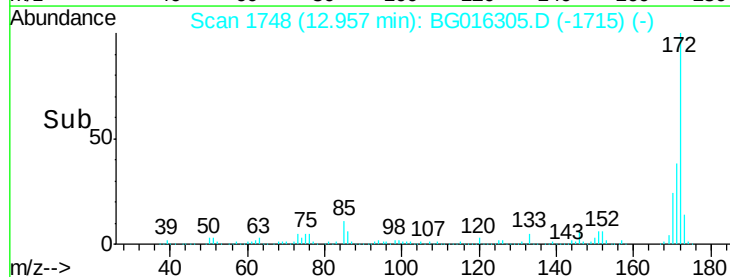
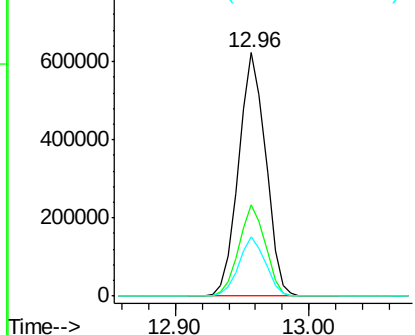


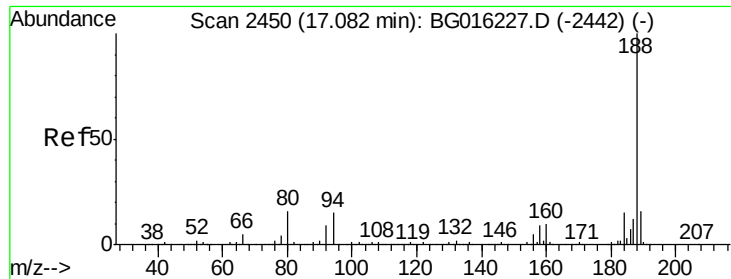
#44
 2-Fluorobiphenyl
 Concen: 65.98 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016305.D
 Acq: 10 Apr 2015 1:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.5	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

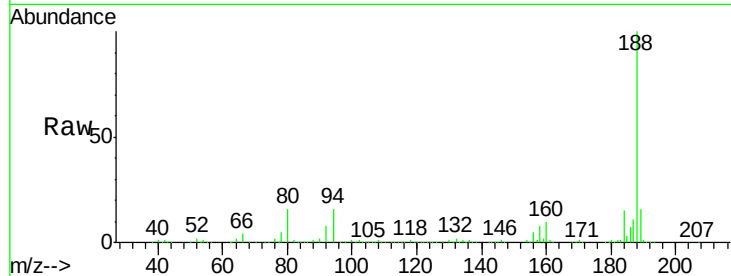




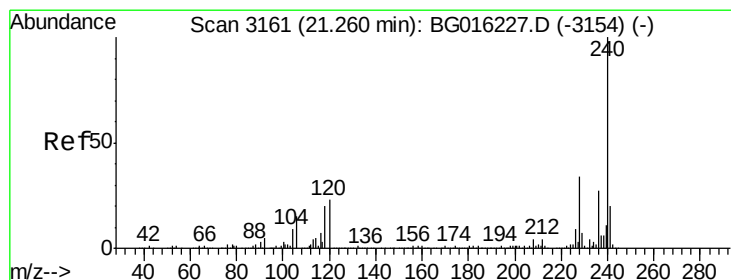
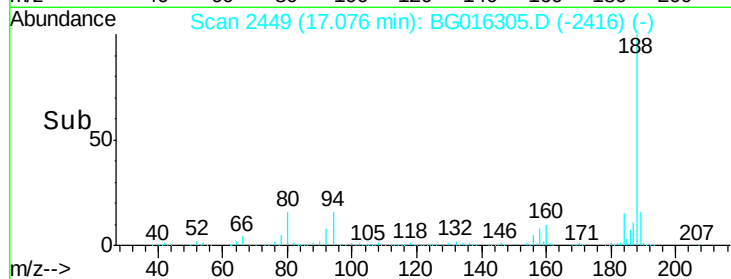
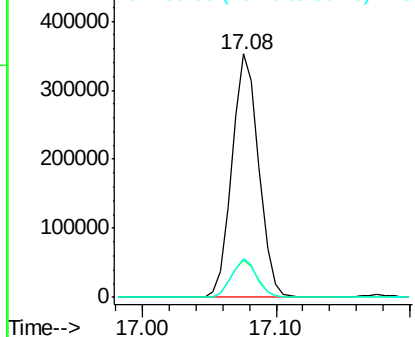
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016305.D
Acq: 10 Apr 2015 1:28

Instrument :
BNA_G
ClientSampleId :
PB82620BL

Tot Ion:188 Resp: 491821
Ion Ratio Lower Upper
188 100
94 15.5 12.2 18.4
80 16.1 12.8 19.2

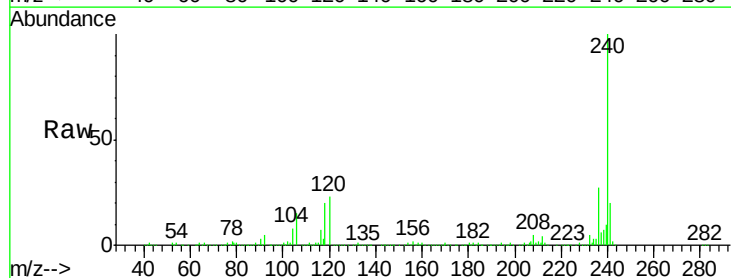


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

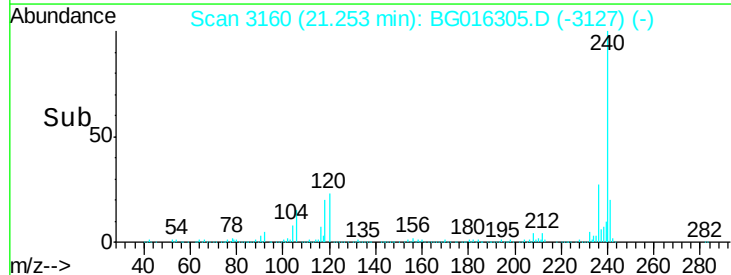
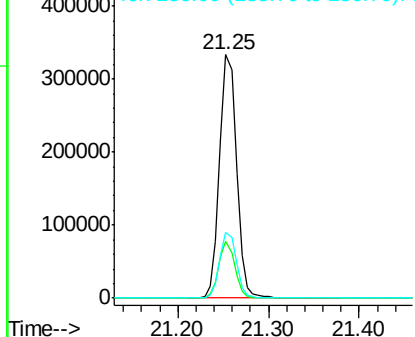


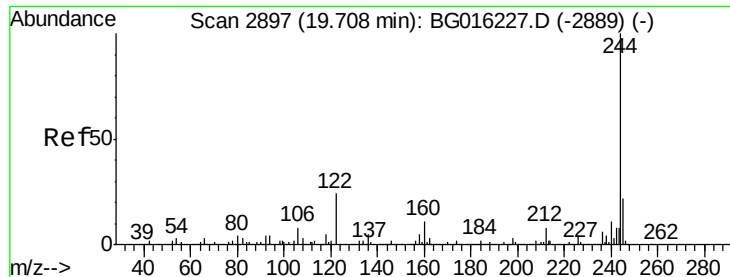
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016305.D
Acq: 10 Apr 2015 1:28

Tgt Ion:240 Resp: 431994
Ion Ratio Lower Upper
240 100
120 23.2 18.6 28.0
236 27.0 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: 60.69 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

Instrument :

BNA_G

ClientSampled :

PB82620BL

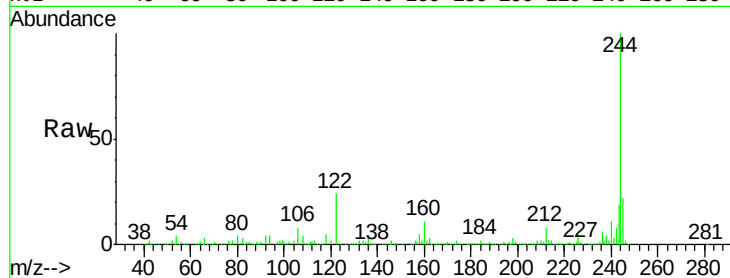
Tot Ion:244 Resp: 1120158

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

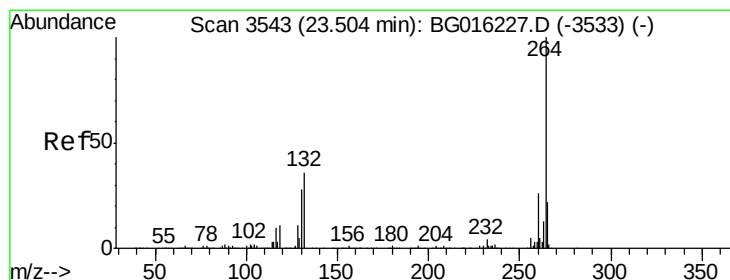
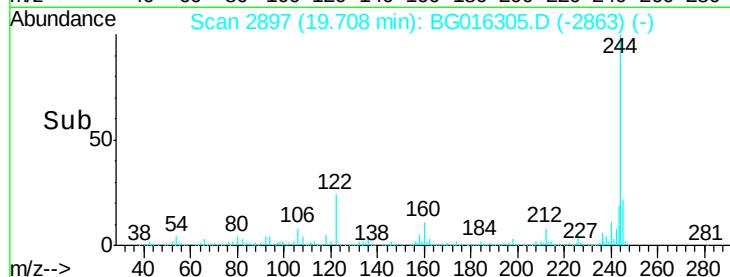
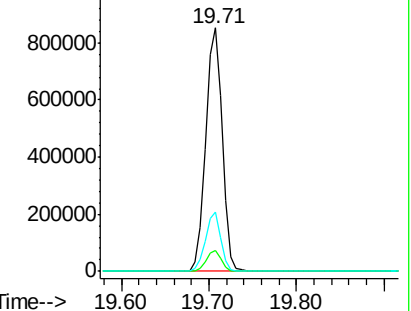
122 24.3 19.1 28.7



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG016305.D

Acq: 10 Apr 2015 1:28

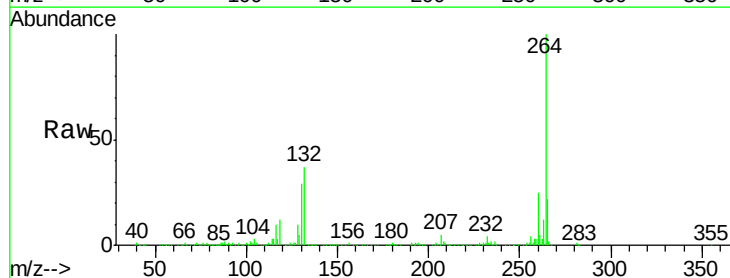
Tgt Ion:264 Resp: 393391

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 21.9 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

