

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040915\
 Data File : BG016300.D
 Acq On : 9 Apr 2015 21:26
 Operator : TP/IZ
 Sample : PB82381BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82381BSD

Quant Time: Apr 10 03:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 19:35:19 2015
 Response via : Initial Calibration

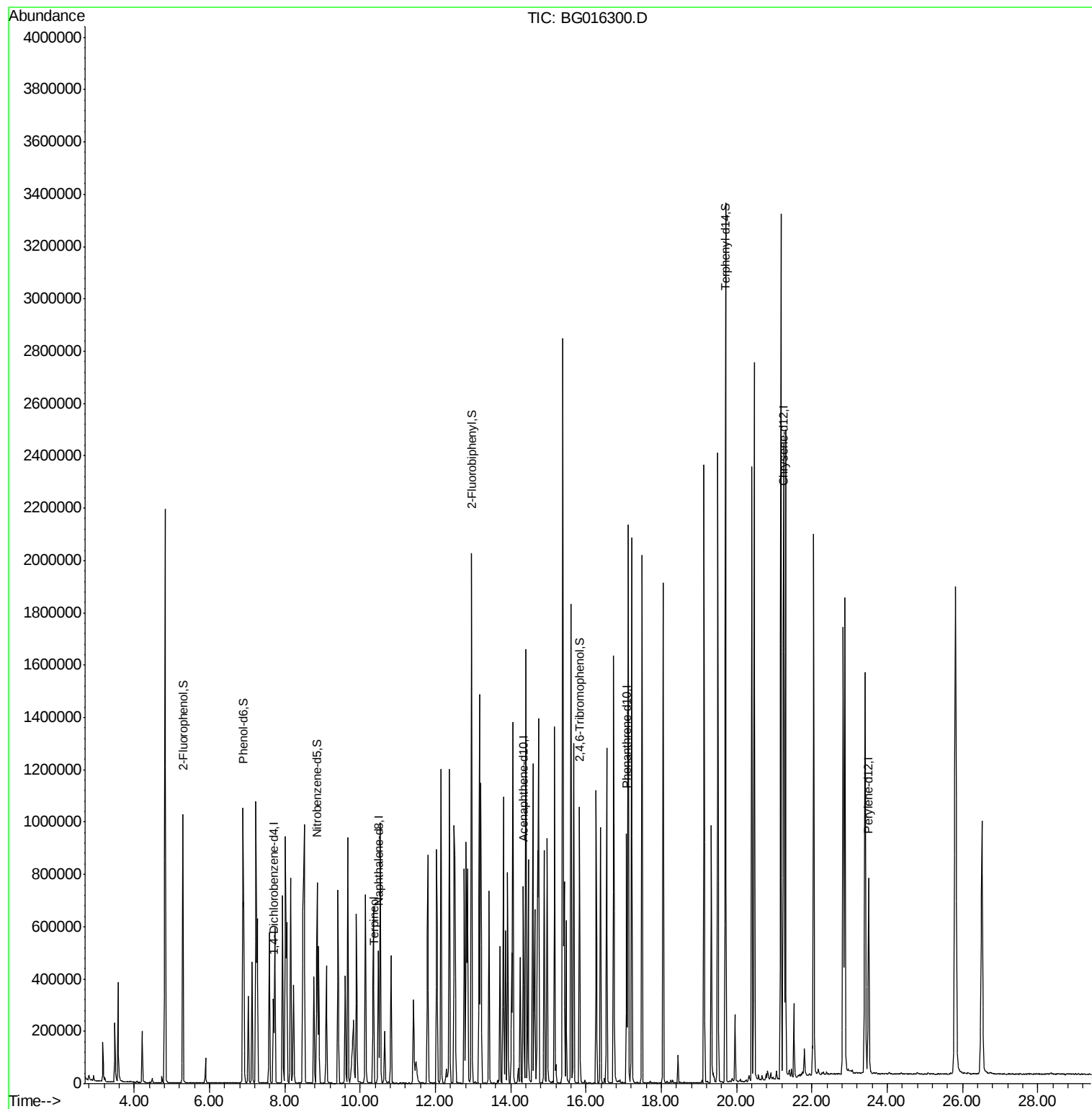
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	88813	20.00	ng	0.00
4) Naphthalene-d8	10.49	136	420427	20.00	ng	0.00
7) Acenaphthene-d10	14.34	164	247526	20.00	ng	0.00
10) Phenanthrene-d10	17.08	188	521789	20.00	ng	0.00
11) Chrysene-d12	21.26	240	452017	20.00	ng	0.00
13) Perylene-d12	23.51	264	426138	20.00	ng	0.01
System Monitoring Compounds						
2) 2-Fluorophenol	5.29	112	482301	84.71	ng	0.00
3) Phenol-d6	6.89	99	699007	79.62	ng	0.00
5) Nitrobenzene-d5	8.86	82	462002	77.06	ng	0.00
8) 2,4,6-Tribromophenol	15.83	330	142944	96.38	ng	0.00
9) 2-Fluorobiphenyl	12.96	172	968751	76.07	ng	0.00
12) Terphenyl-d14	19.71	244	1205863	73.45	ng	0.01
Target Compounds						
6) Terpineol	10.37	59	1263	2.59	ng	Qvalue # 24

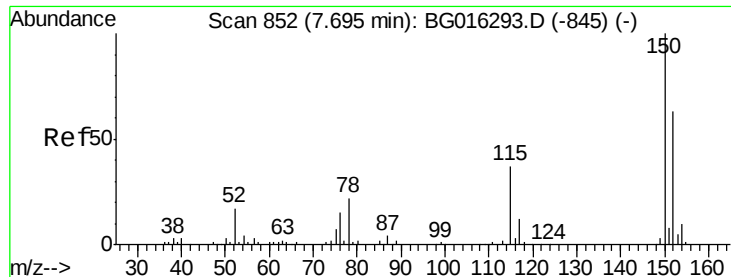
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82381BSD

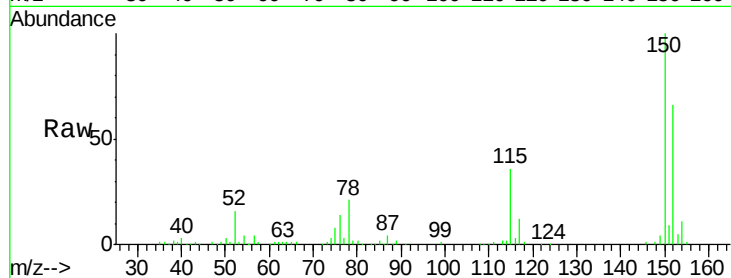
Tgt Ion:152 Resp: 88813

Ion Ratio Lower Upper

152 100

150 150.9 139.4 209.0

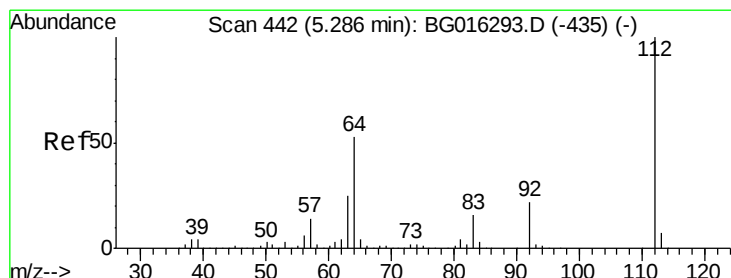
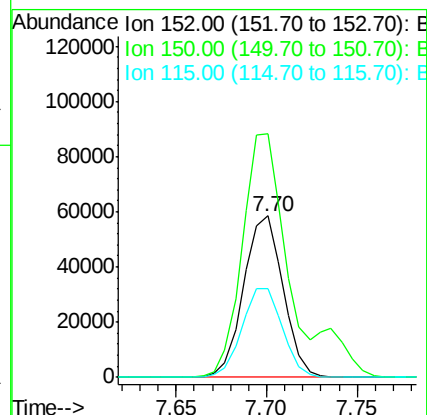
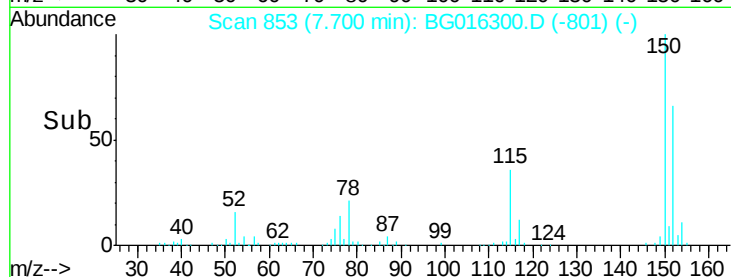
115 54.9 44.6 67.0



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



#2

2-Fluorophenol

Concen: 84.71 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

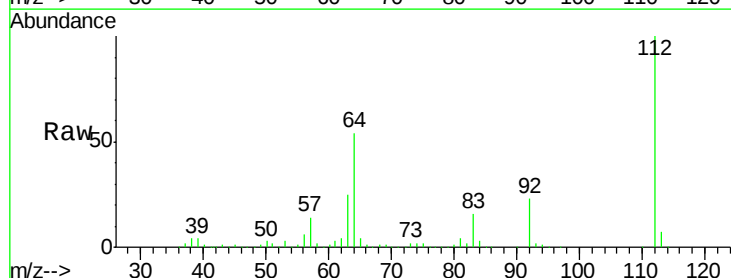
Tgt Ion:112 Resp: 482301

Ion Ratio Lower Upper

112 100

64 53.7 38.3 57.5

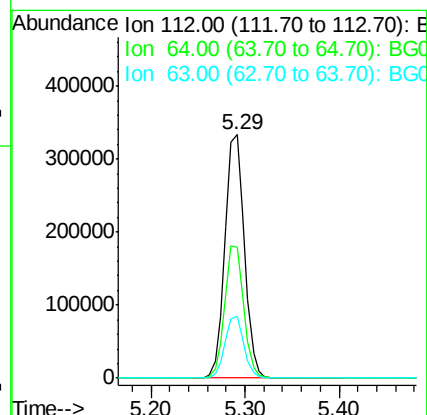
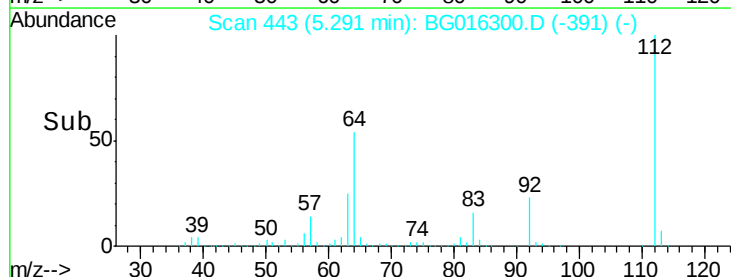
63 25.4 24.2 36.4

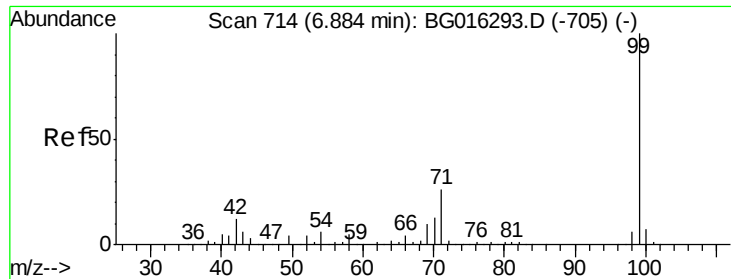


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 79.62 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82381BSD

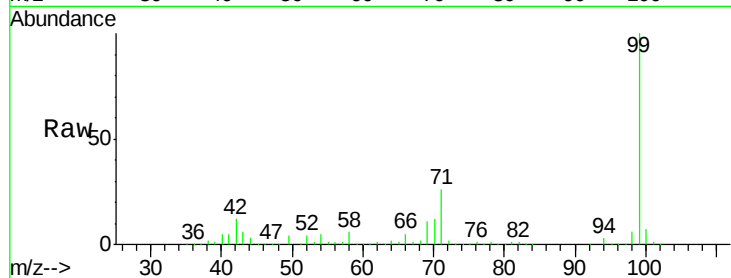
Tgt Ion: 99 Resp: 699007

Ion Ratio Lower Upper

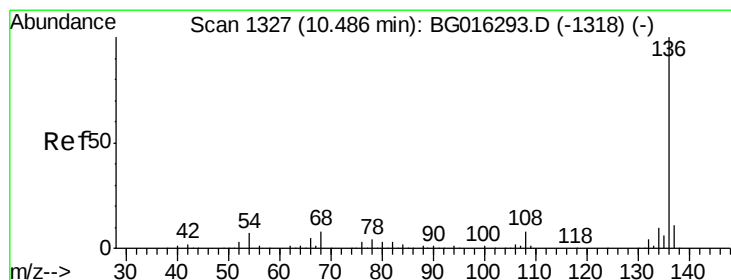
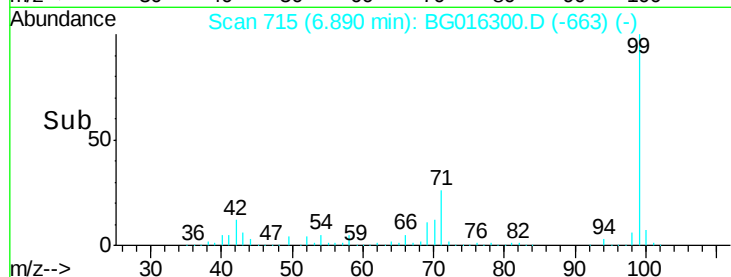
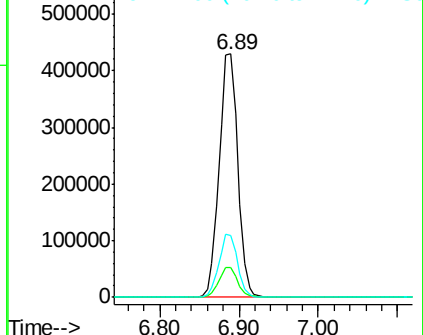
99 100

42 12.2 16.5 24.7#

71 25.7 40.0 60.0#



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Tgt Ion: 136 Resp: 420427

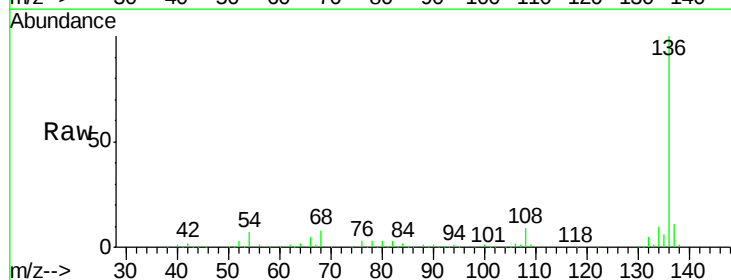
Ion Ratio Lower Upper

136 100

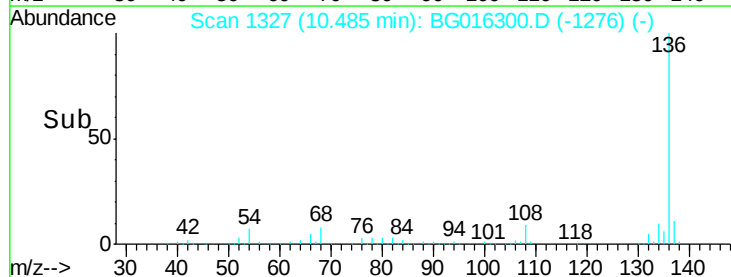
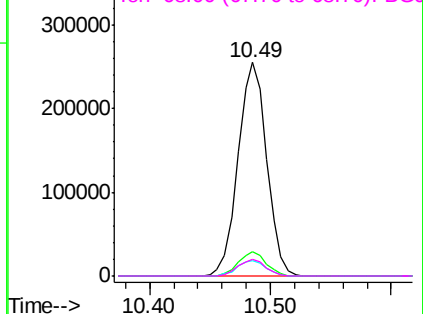
137 11.4 9.7 14.5

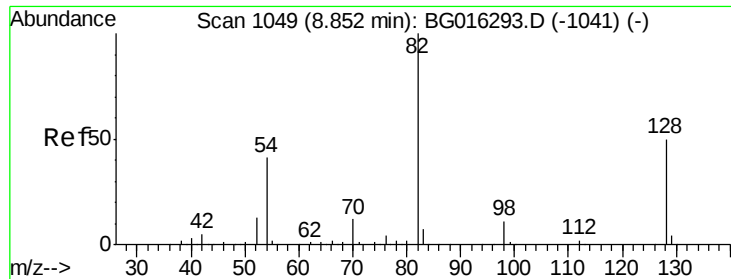
54 7.3 3.2 4.8#

68 8.0 1.6 2.4#



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





#5

Nitrobenzene-d5

Concen: 77.06 ng

RT: 8.86 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82381BSD

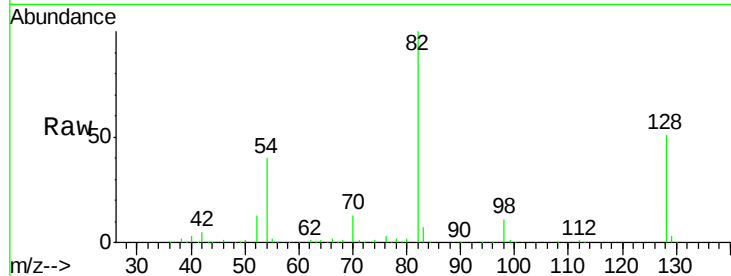
Tgt Ion: 82 Resp: 462002

Ion Ratio Lower Upper

82 100

128 51.2 37.5 56.3

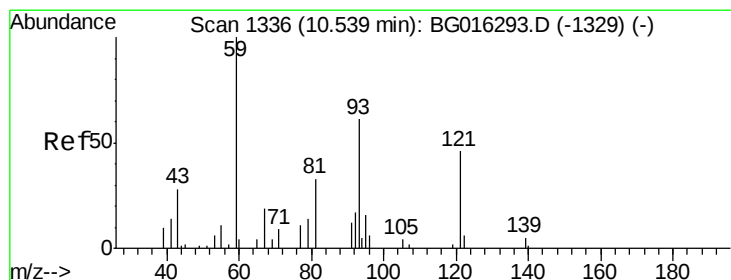
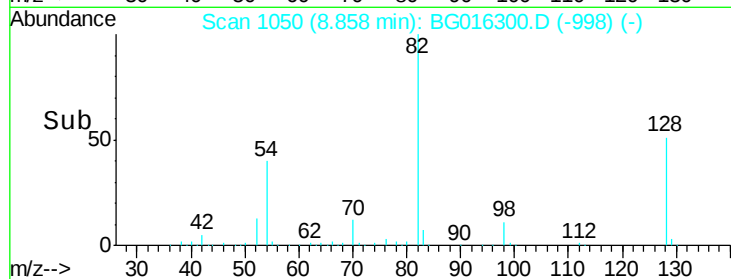
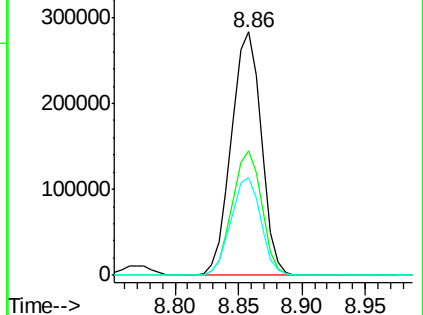
54 40.0 41.0 61.4#



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



#6

Terpineol

Concen: 2.59 ng

RT: 10.37 min Scan# 1307

Delta R.T. -0.17 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

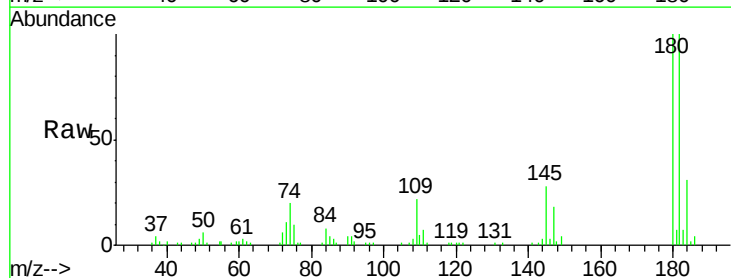
Tgt Ion: 59 Resp: 1263

Ion Ratio Lower Upper

59 100

93 0.0 66.9 100.3#

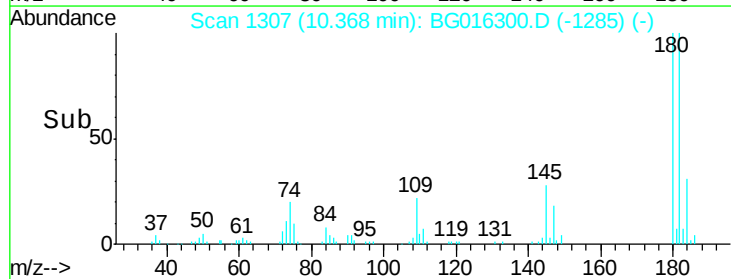
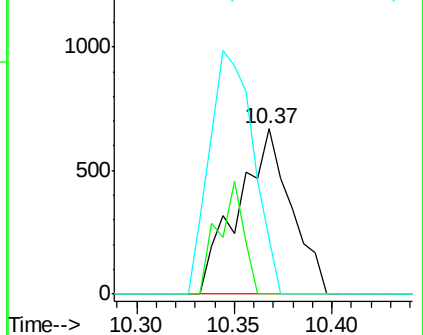
121 33.3 72.0 108.0#

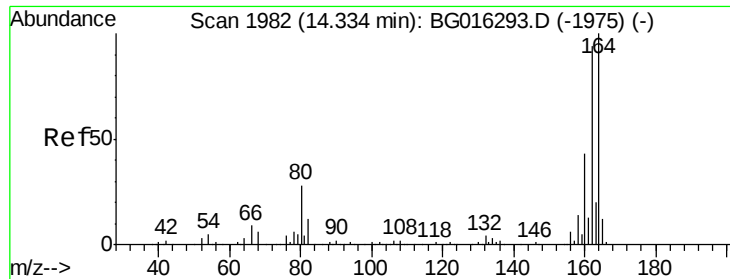


Abundance Ion 59.00 (58.70 to 59.70): BGC

Ion 93.00 (92.70 to 93.70): BGC

Ion 121.00 (120.70 to 121.70): BGC





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82381BSD

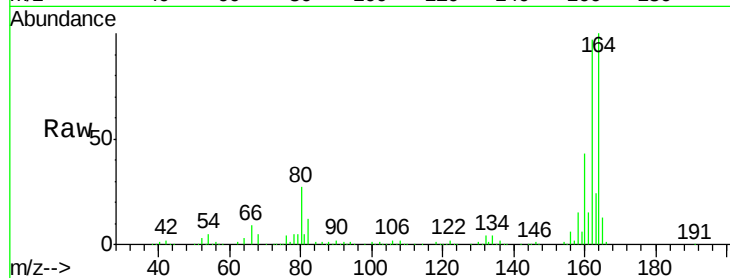
Tgt Ion:164 Resp: 247526

Ion Ratio Lower Upper

164 100

162 96.6 72.8 109.2

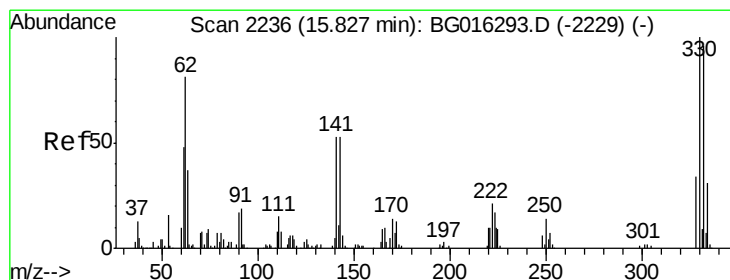
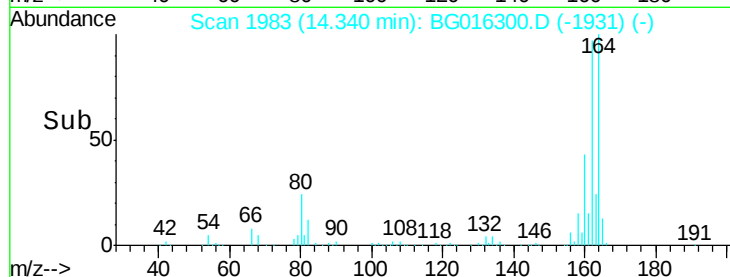
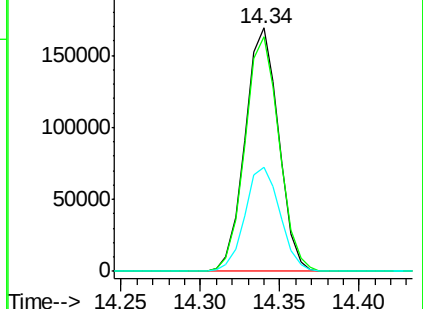
160 42.9 31.9 47.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#8

2,4,6-Tribromophenol

Concen: 96.38 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

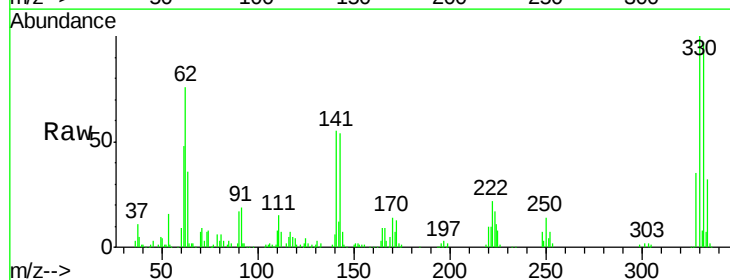
Tgt Ion:330 Resp: 142944

Ion Ratio Lower Upper

330 100

332 95.7 79.6 119.4

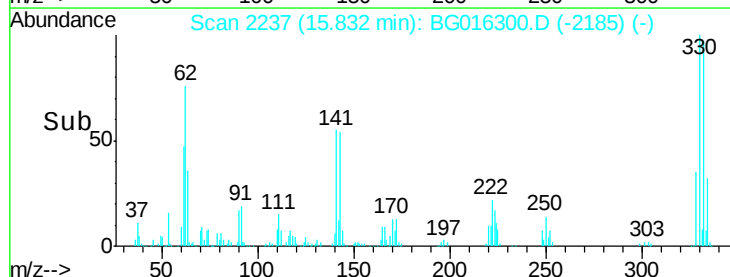
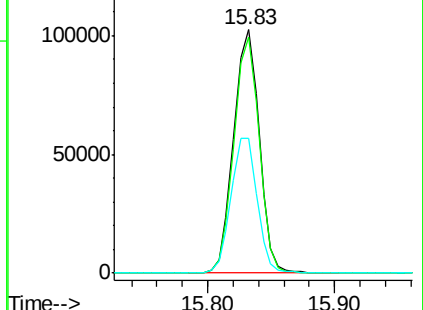
141 56.8 27.3 40.9#

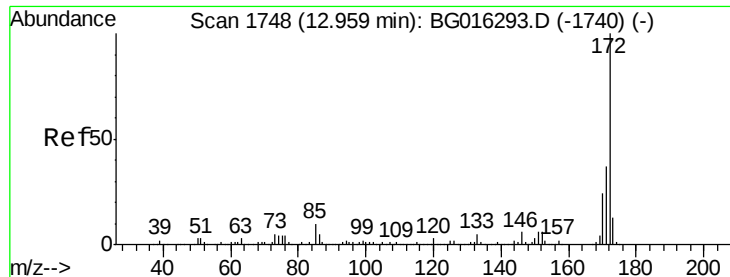


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 76.07 ng

RT: 12.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82381BSD

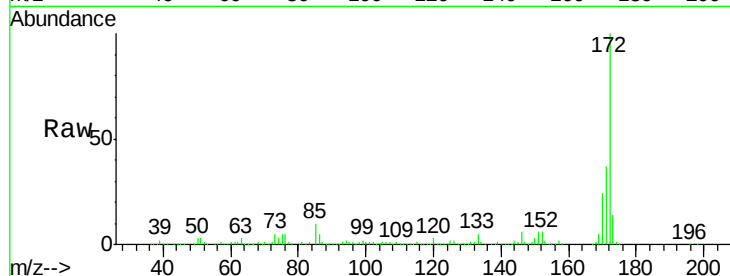
Tgt Ion:172 Resp: 968751

Ion Ratio Lower Upper

172 100

171 37.1 31.1 46.7

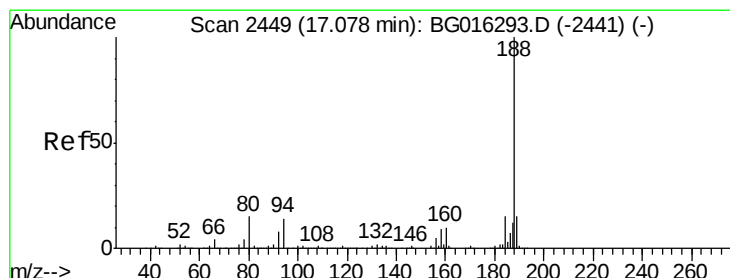
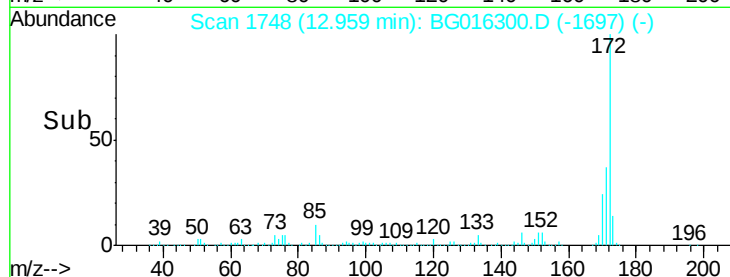
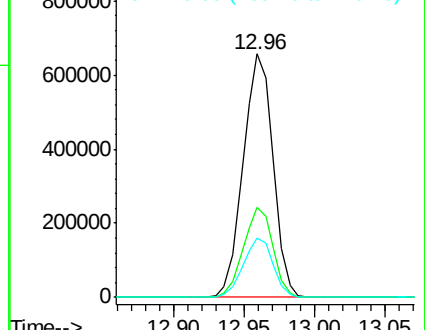
170 24.3 19.8 29.8



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



#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

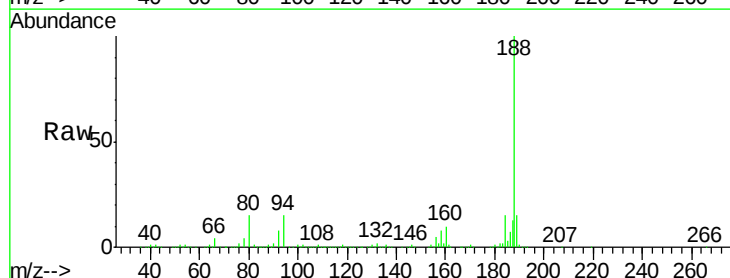
Tgt Ion:188 Resp: 521789

Ion Ratio Lower Upper

188 100

94 14.8 4.0 6.0#

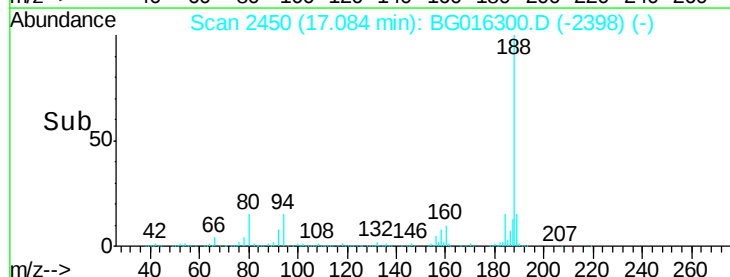
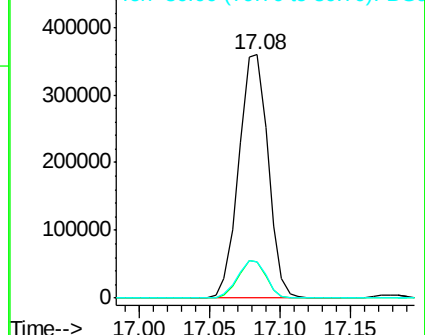
80 14.8 3.4 5.2#

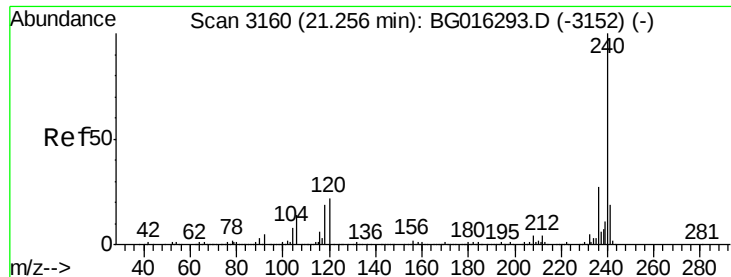


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

Instrument :

BNA_G

ClientSampleId :

PB82381BSD

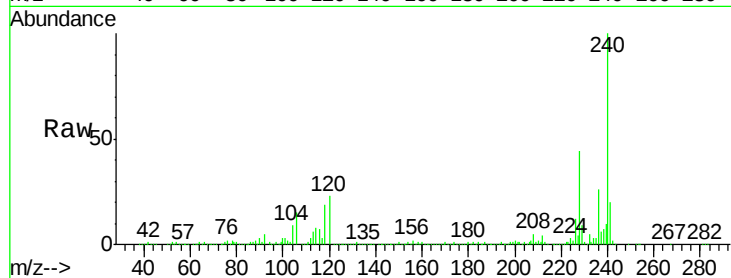
Tgt Ion:240 Resp: 452017

Ion Ratio Lower Upper

240 100

120 23.3 4.9 7.3#

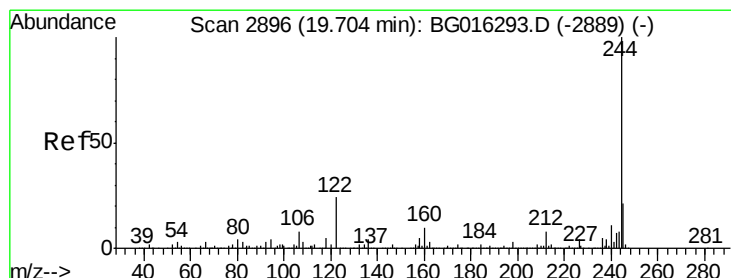
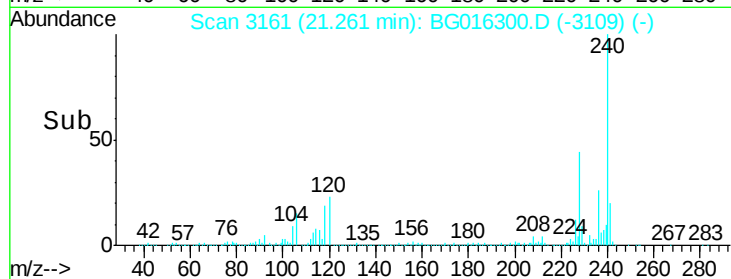
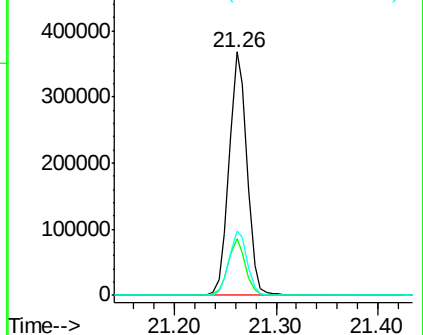
236 26.5 18.8 28.2



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



#12

Terphenyl-d14

Concen: 73.45 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BG016300.D

Acq: 9 Apr 2015 21:26

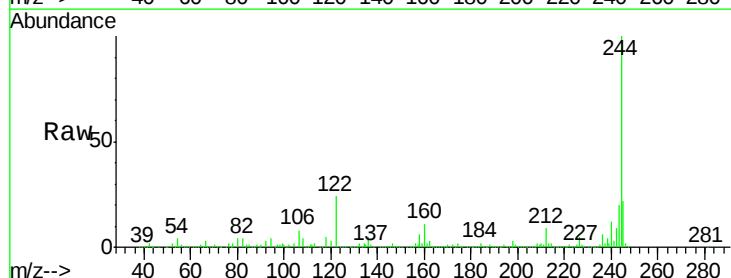
Tgt Ion:244 Resp: 1205863

Ion Ratio Lower Upper

244 100

212 8.7 5.7 8.5#

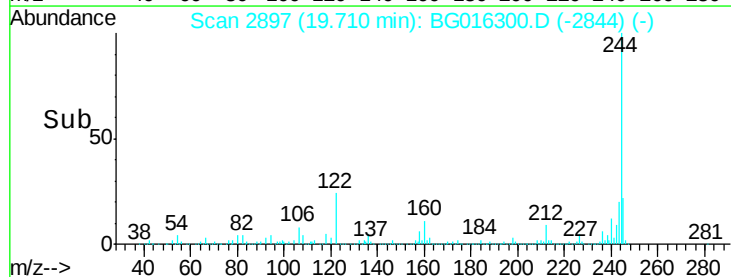
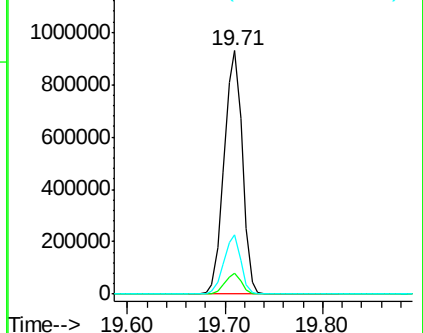
122 24.1 5.4 8.2#

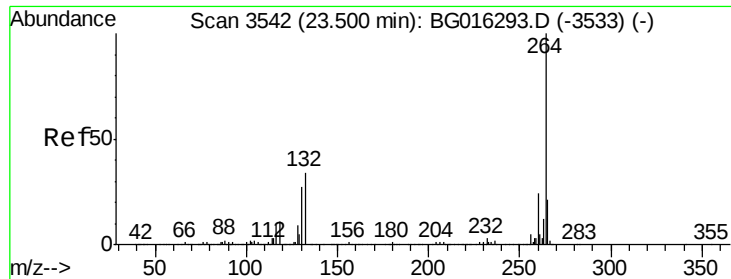


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#13
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BG016300.D
Acq: 9 Apr 2015 21:26

Instrument :
BNA_G
ClientSampleId :
PB82381BSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.5	26.3
265	22.0	17.0	25.4

