

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016301.D
 Acq On : 9 Apr 2015 22:00
 Operator : TP/IZ
 Sample : G1687-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STORMWATER

Quant Time: Apr 10 03:30:03 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	75042	20.00	ng	0.00
4) Naphthalene-d8	10.48	136	351356	20.00	ng	0.00
7) Acenaphthene-d10	14.34	164	208237	20.00	ng	0.00
10) Phenanthrene-d10	17.08	188	464717	20.00	ng	0.00
11) Chrysene-d12	21.26	240	424992	20.00	ng	0.00
13) Perylene-d12	23.50	264	387715	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.29	112	417041	86.69	ng	0.00
3) Phenol-d6	6.89	99	608970	82.09	ng	0.00
5) Nitrobenzene-d5	8.85	82	390200	77.88	ng	0.00
8) 2,4,6-Tribromophenol	15.83	330	125495	100.58	ng	0.00
9) 2-Fluorobiphenyl	12.96	172	834576	77.90	ng	0.00
12) Terphenyl-d14	19.71	244	1127803	73.07	ng	0.00

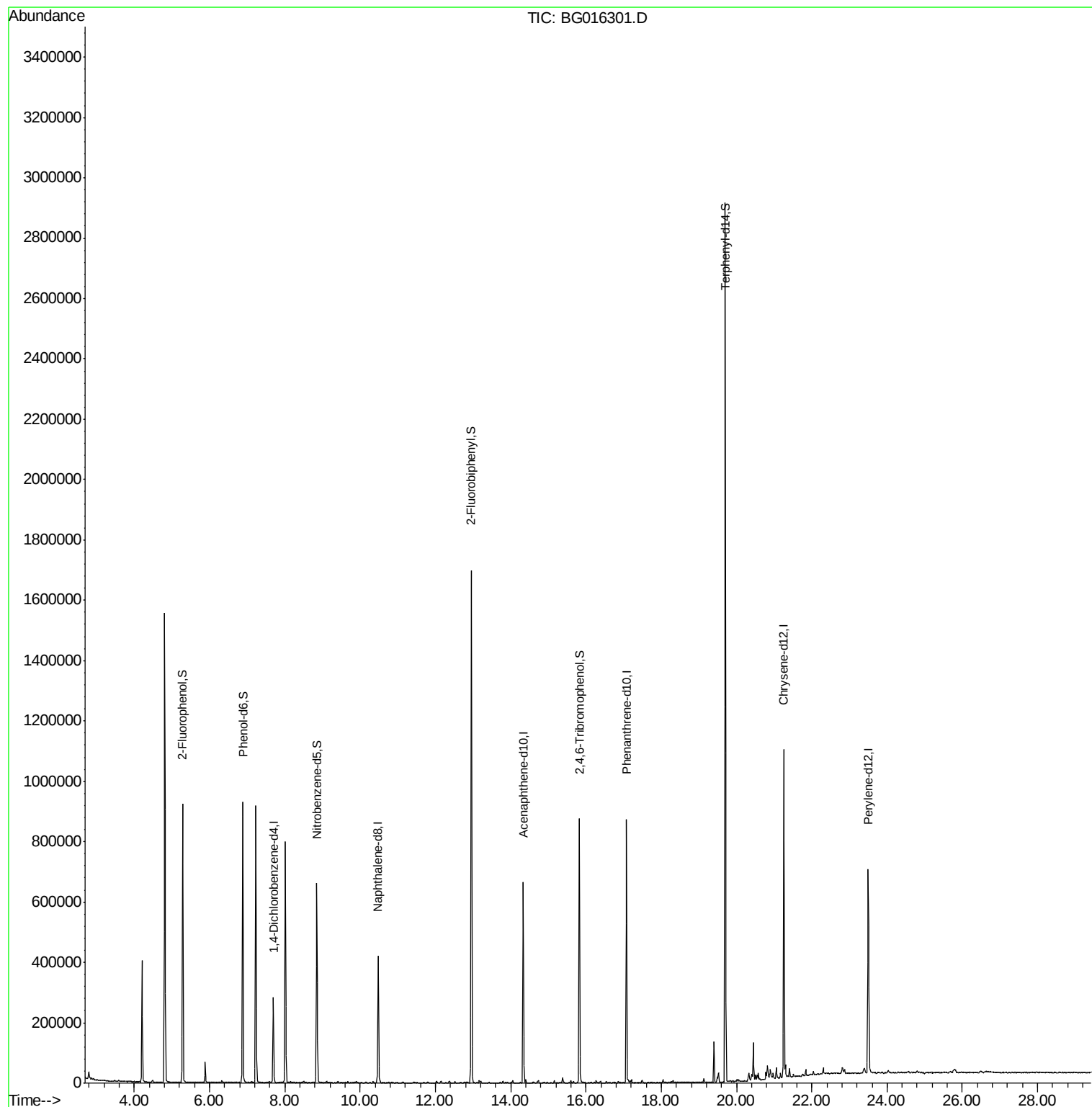
Target Compounds Qvalue

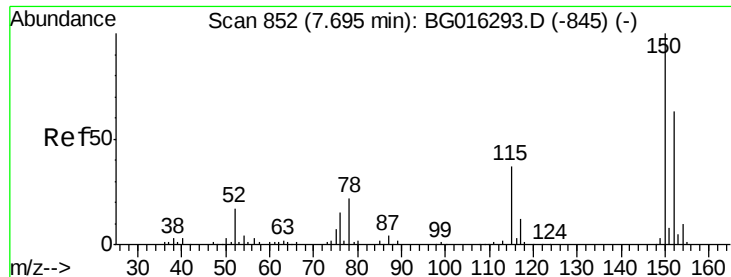
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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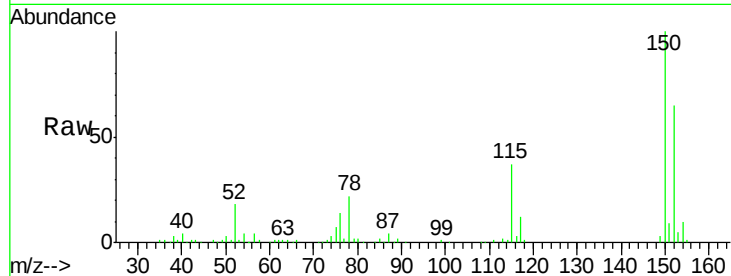


#1

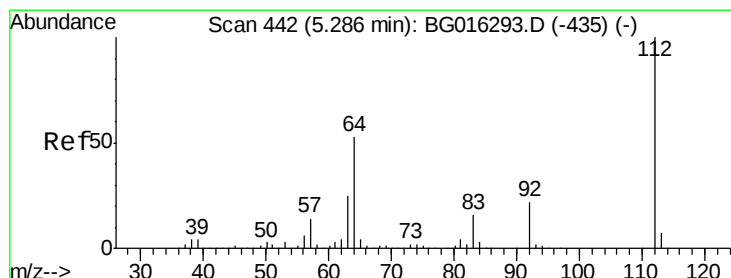
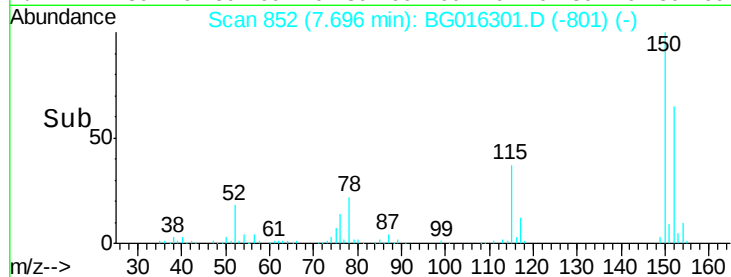
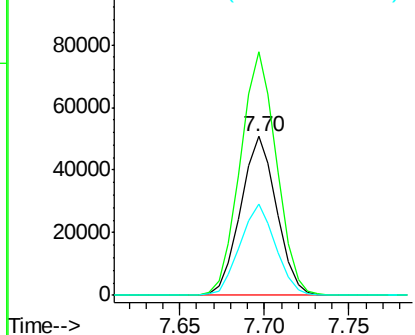
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG016301.D
Acq: 9 Apr 2015 22:00

Instrument :
BNA_G
ClientSampleId :
STORMWATER

Tot Ion:152 Resp: 75042
Ion Ratio Lower Upper
152 100
150 153.5 139.4 209.0
115 57.2 44.6 67.0



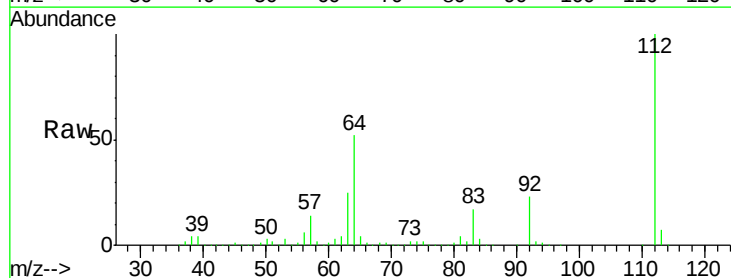
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



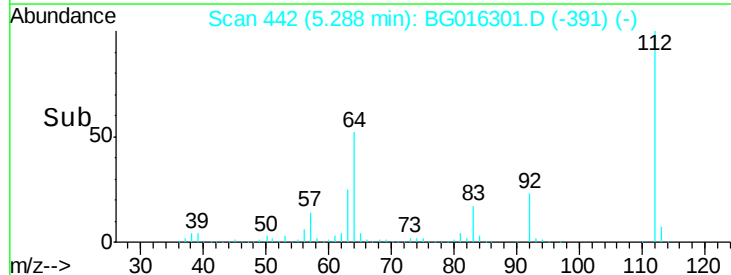
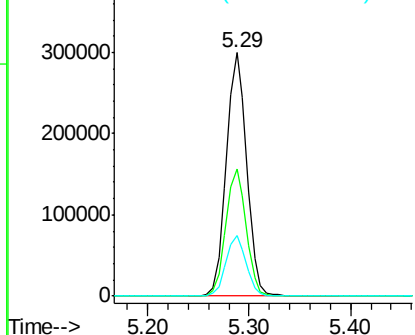
#2

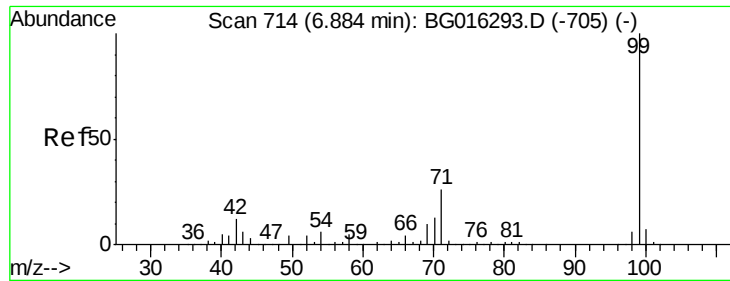
2-Fluorophenol
Concen: 86.69 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG016301.D
Acq: 9 Apr 2015 22:00

Tgt Ion:112 Resp: 417041
Ion Ratio Lower Upper
112 100
64 52.3 38.3 57.5
63 24.8 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#3

Phenol-d6

Concen: 82.09 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

Instrument :

BNA_G

ClientSampleId :

STORMWATER

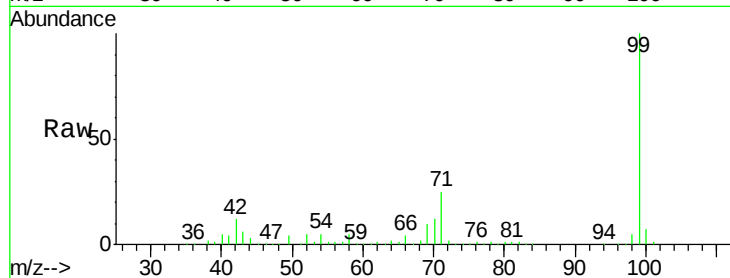
Tot Ion: 99 Resp: 608970

Ion Ratio Lower Upper

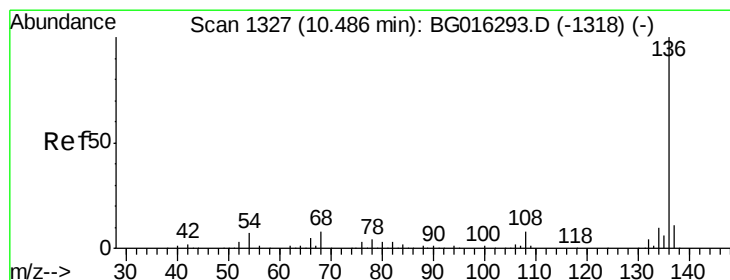
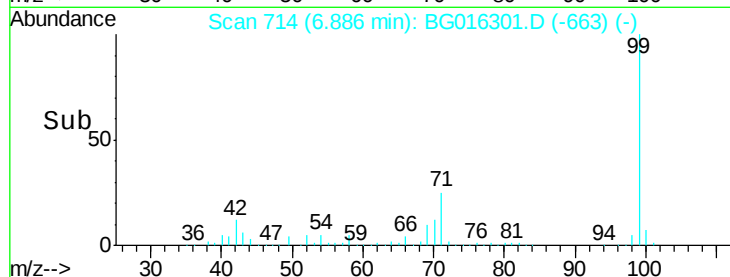
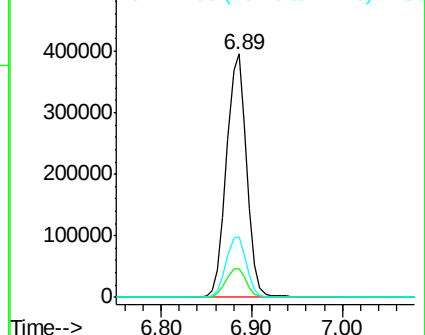
99 100

42 11.8 16.5 24.7#

71 25.0 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: 10.48 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

Tgt Ion: 136 Resp: 351356

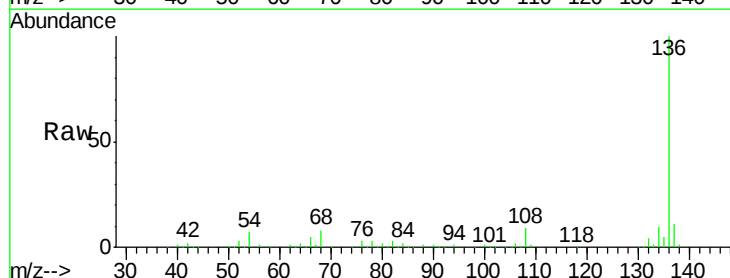
Ion Ratio Lower Upper

136 100

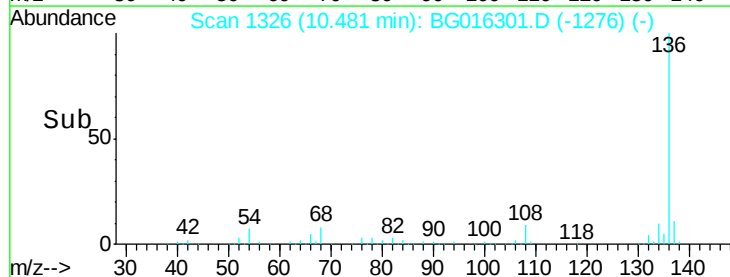
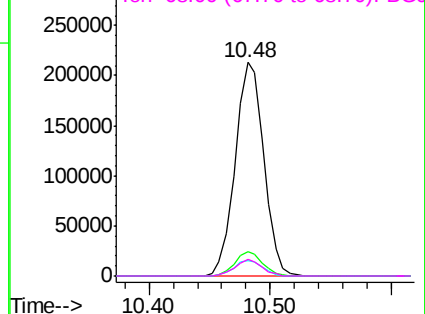
137 11.3 9.7 14.5

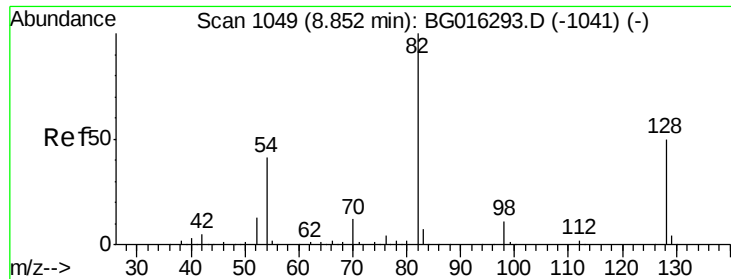
54 7.0 3.2 4.8#

68 7.7 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: 77.88 ng

RT: 8.85 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

Instrument :

BNA_G

ClientSampleId :

STORMWATER

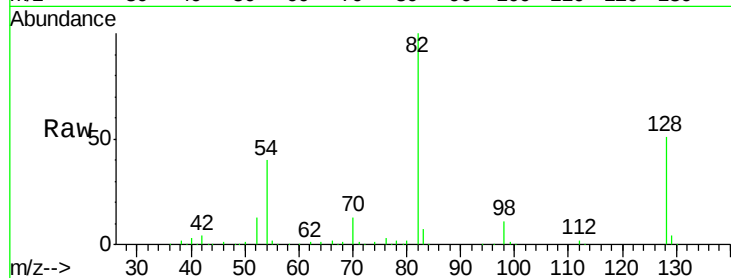
Tot Ion: 82 Resp: 390200

Ion Ratio Lower Upper

82 100

128 50.6 37.5 56.3

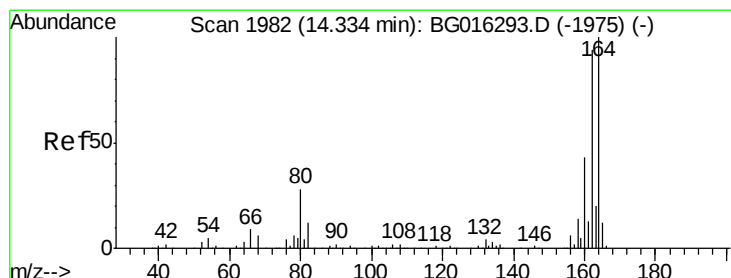
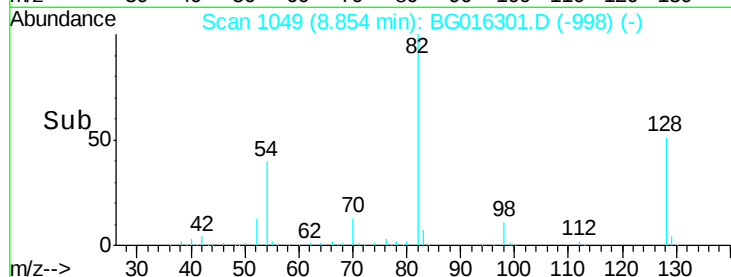
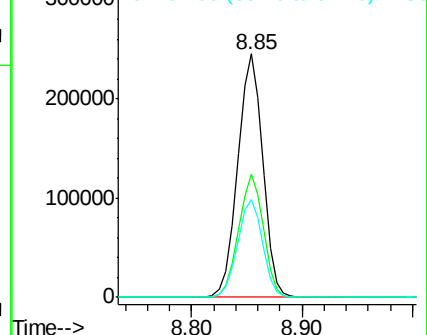
54 40.2 41.0 61.4#



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



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

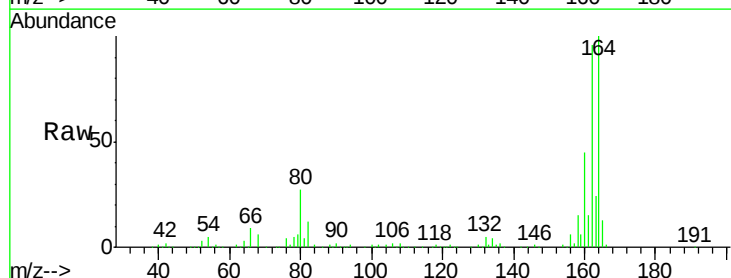
Tgt Ion:164 Resp: 208237

Ion Ratio Lower Upper

164 100

162 96.4 72.8 109.2

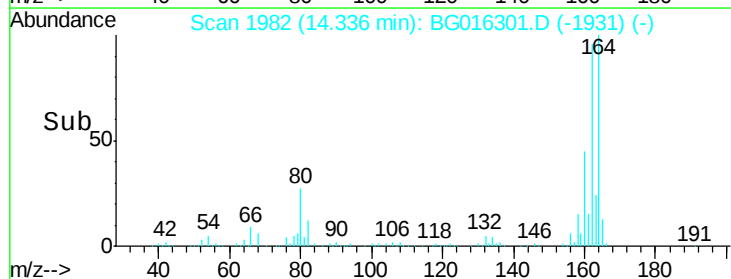
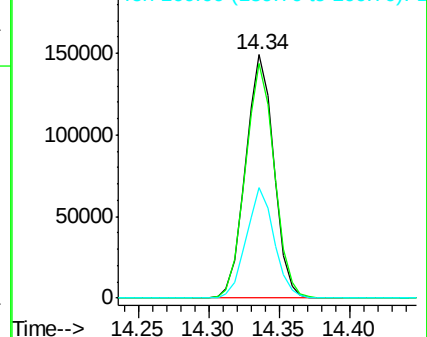
160 45.2 31.9 47.9

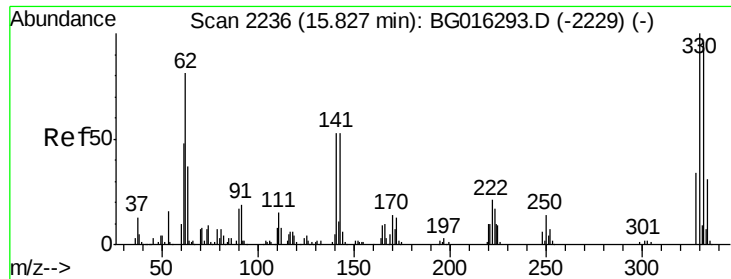


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#8

2,4,6-Tribromophenol

Concen: 100.58 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

Instrument :

BNA_G

ClientSampled :

STORMWATER

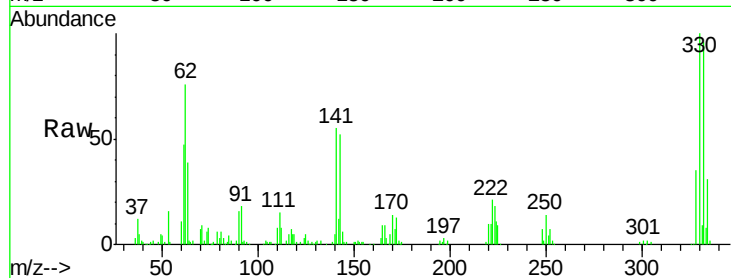
Tot Ion:330 Resp: 125495

Ion Ratio Lower Upper

330 100

332 95.5 79.6 119.4

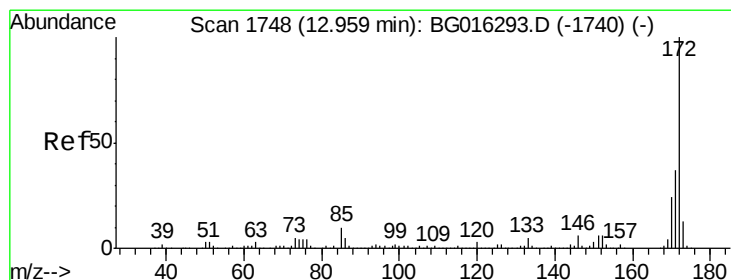
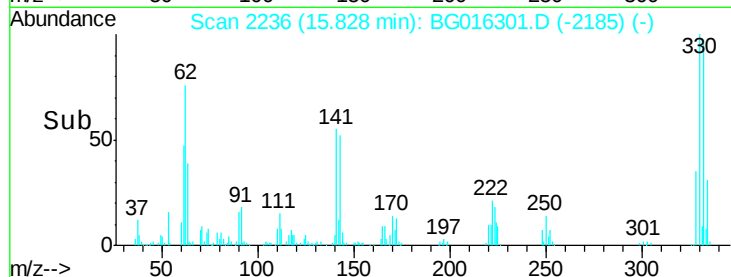
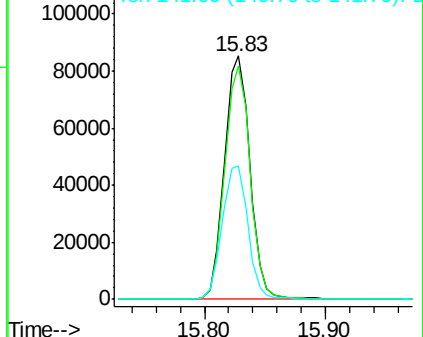
141 54.9 27.3 40.9#



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: 77.90 ng

RT: 12.96 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

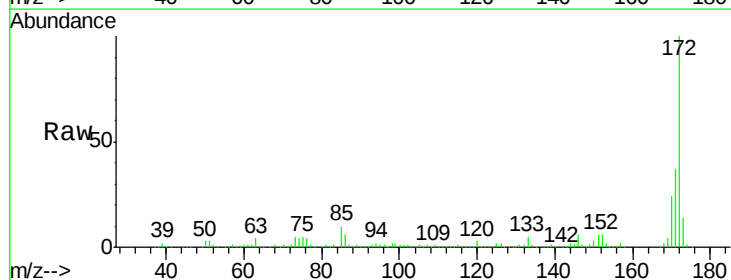
Tgt Ion:172 Resp: 834576

Ion Ratio Lower Upper

172 100

171 36.9 31.1 46.7

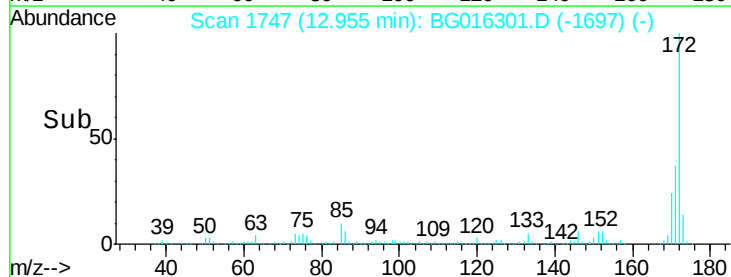
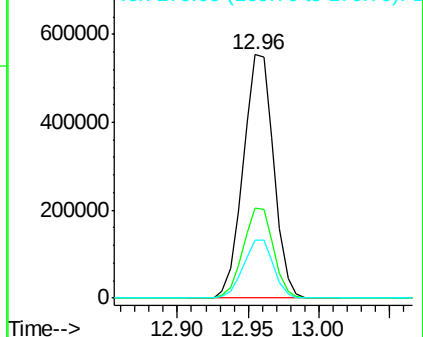
170 23.9 19.8 29.8

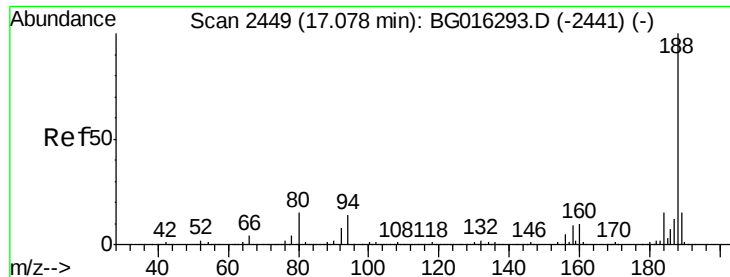


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2449

Delta R.T. 0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

Instrument :

BNA_G

ClientSampleId :

STORMWATER

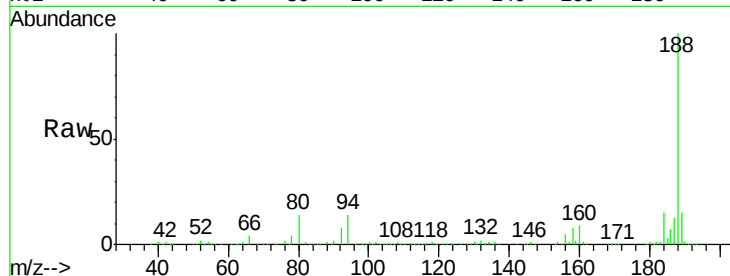
Tot Ion:188 Resp: 464717

Ion Ratio Lower Upper

188 100

94 14.4 4.0 6.0#

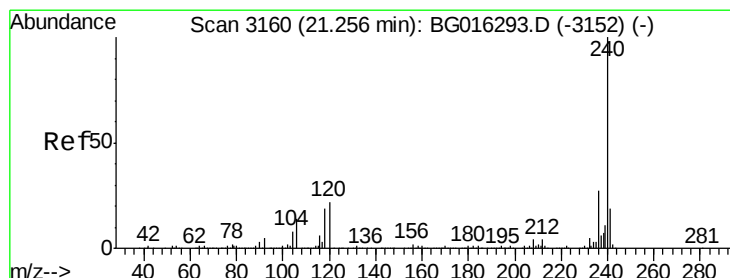
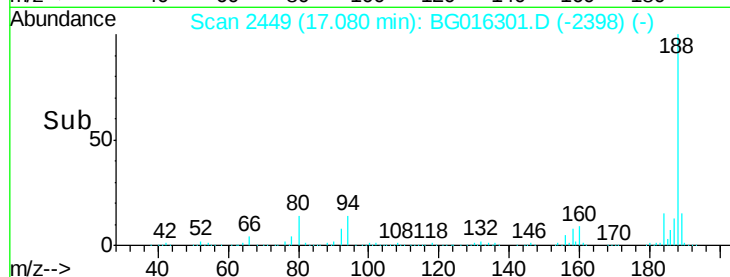
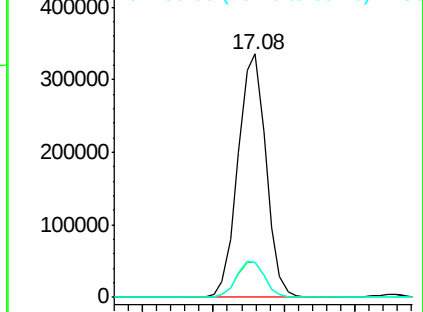
80 14.3 3.4 5.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG016301.D

Acq: 9 Apr 2015 22:00

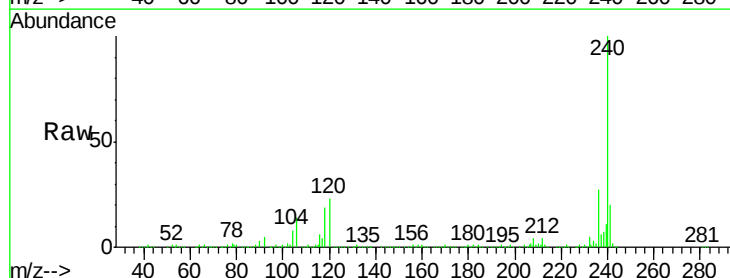
Tgt Ion:240 Resp: 424992

Ion Ratio Lower Upper

240 100

120 22.9 4.9 7.3#

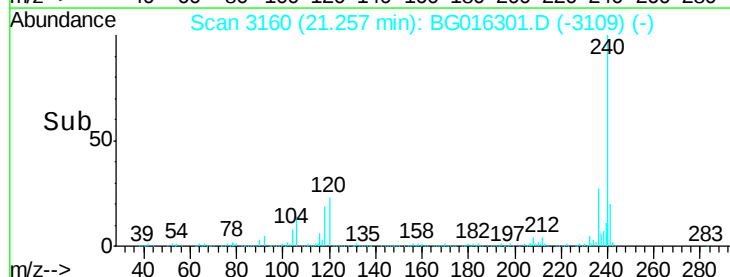
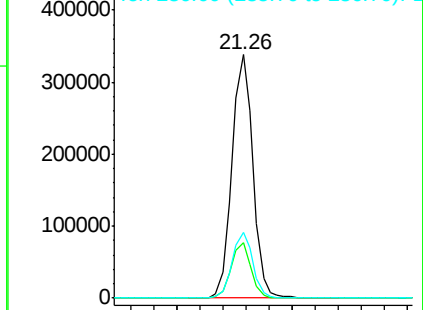
236 27.1 18.8 28.2

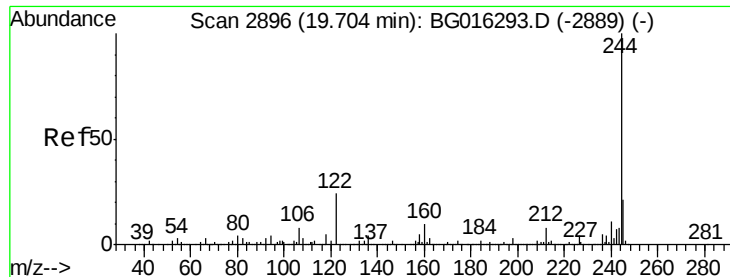


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

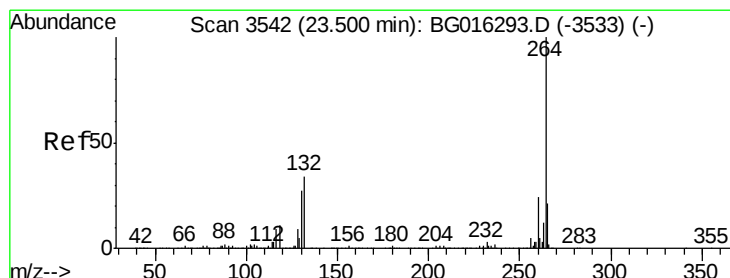
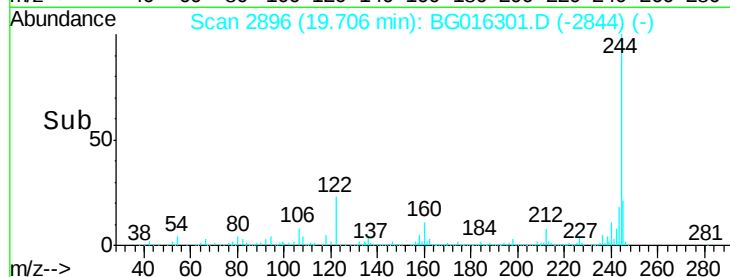
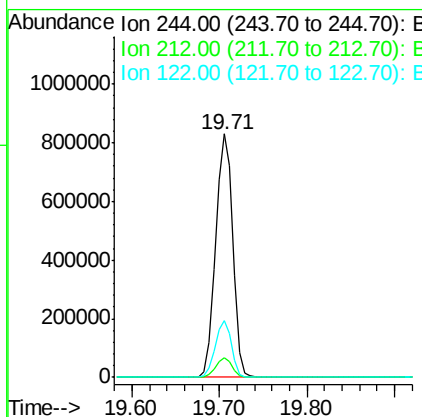
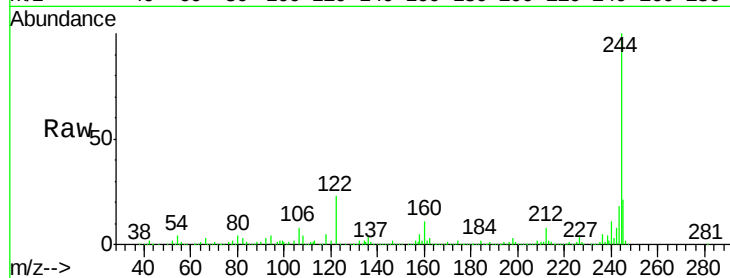




#12
 Terphenyl-d14
 Concen: 73.07 ng
 RT: 19.71 min Scan# 2896
 Delta R.T. 0.01 min
 Lab File: BG016301.D
 Acq: 9 Apr 2015 22:00

Instrument :
 BNA_G
 ClientSampleId :
 STORMWATER

Tot Ion:244 Resp: 1127803
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 23.3 5.4 8.2#



#13
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: BG016301.D
 Acq: 9 Apr 2015 22:00

Tgt Ion:264 Resp: 387715
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.5 26.3
 265 21.6 17.0 25.4

