

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016295.D
 Acq On : 9 Apr 2015 18:33
 Operator : TP/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 09 19:15:13 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 18:23:47 2015
 Response via : Initial Calibration

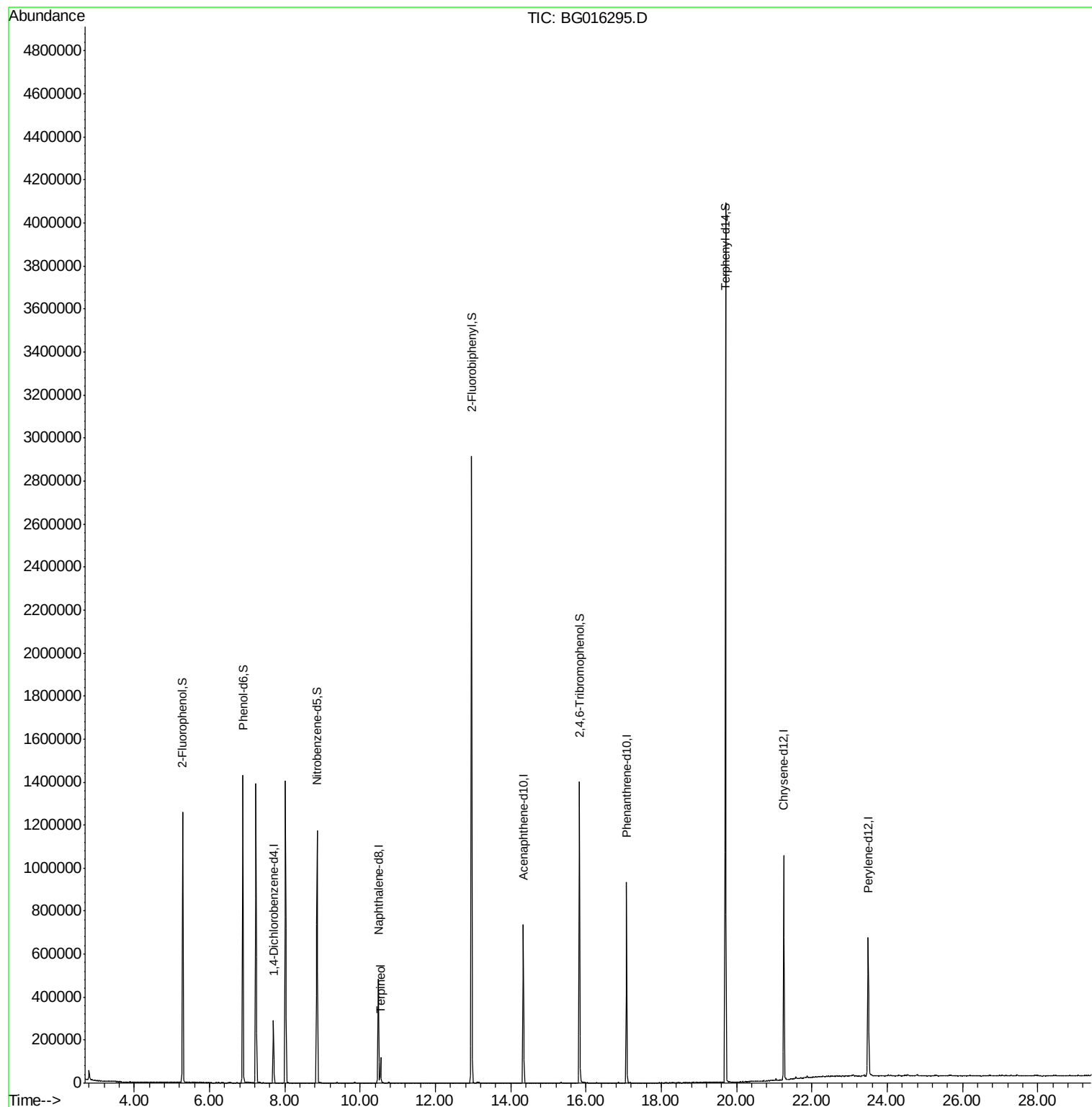
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	79878	20.00	ng	0.00
4) Naphthalene-d8	10.49	136	405813	20.00	ng	0.00
7) Acenaphthene-d10	14.34	164	241512	20.00	ng	0.00
10) Phenanthrene-d10	17.08	188	488422	20.00	ng	0.00
11) Chrysene-d12	21.25	240	401072	20.00	ng	0.00
13) Perylene-d12	23.50	264	374878	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.29	112	595304	57.32	ng	0.00
3) Phenol-d6	6.88	99	913352	56.92	ng	0.00
5) Nitrobenzene-d5	8.86	82	687877	59.39	ng	0.00
8) 2,4,6-Tribromophenol	15.83	330	178453	62.57	ng	0.00
9) 2-Fluorobiphenyl	12.96	172	1389909	54.22	ng	0.00
12) Terphenyl-d14	19.71	244	1582667	51.62	ng	0.01
Target Compounds						
6) Terpineol	10.54	59	27981	60.04	ng	Qvalue # 76

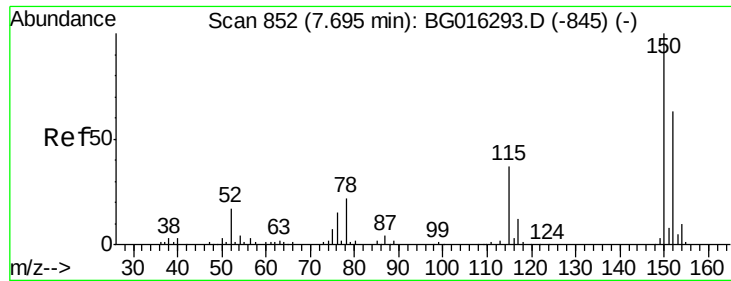
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 09 18:23:47 2015
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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: BG016295.D

Acq: 9 Apr 2015 18:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

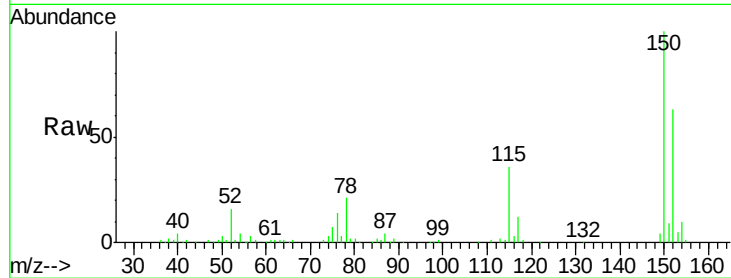
Tgt Ion:152 Resp: 79878

Ion Ratio Lower Upper

152 100

150 158.8 139.4 209.0

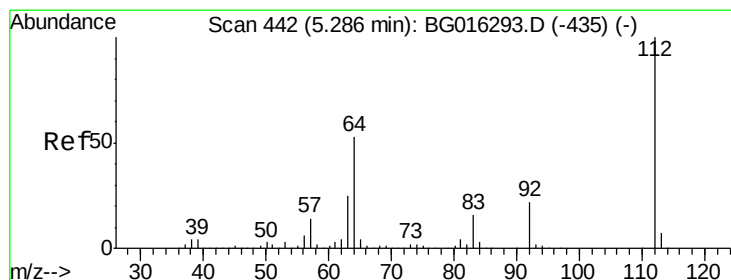
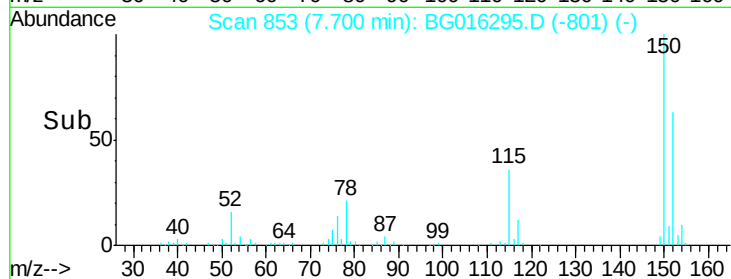
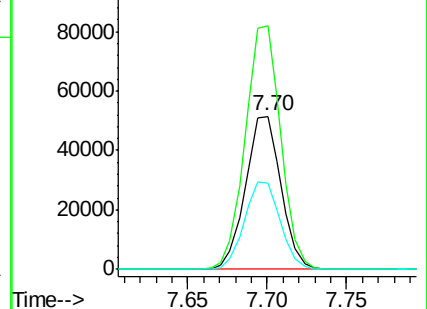
115 56.4 44.6 67.0



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: 57.32 ng

RT: 5.29 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

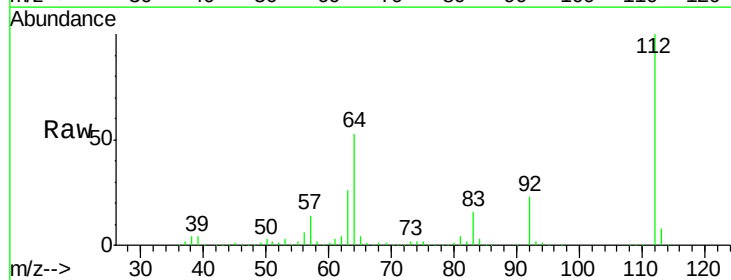
Tgt Ion:112 Resp: 595304

Ion Ratio Lower Upper

112 100

64 53.3 38.3 57.5

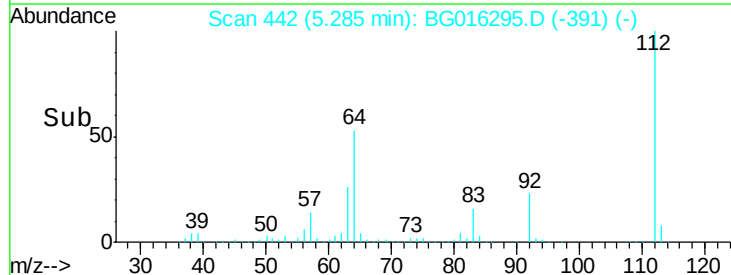
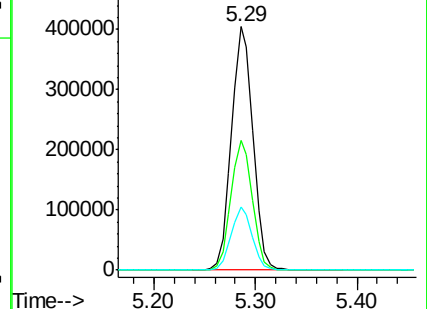
63 25.9 24.2 36.4

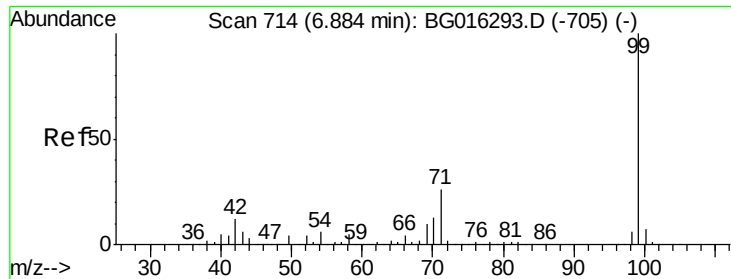


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 56.92 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

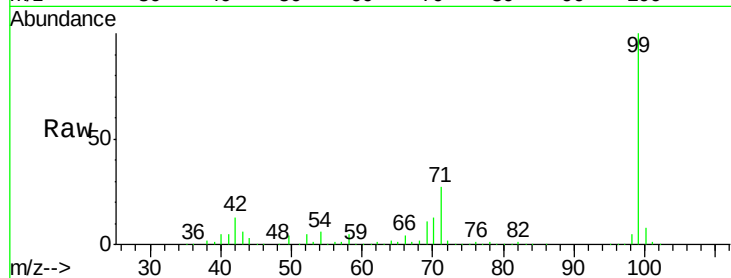
Tgt Ion: 99 Resp: 913352

Ion Ratio Lower Upper

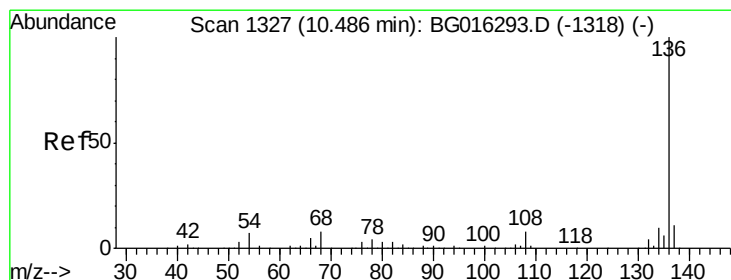
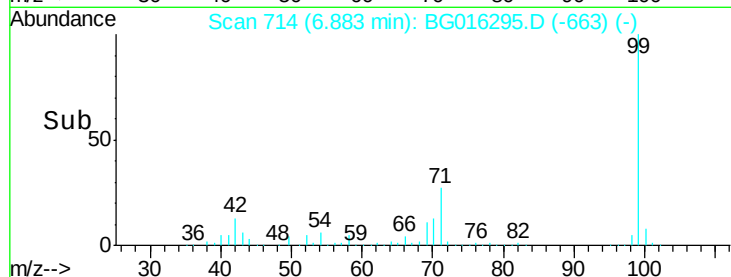
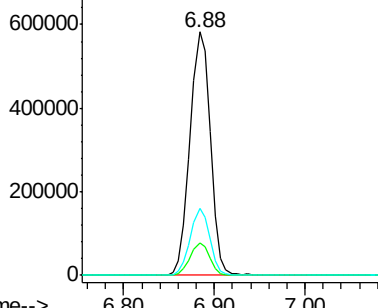
99 100

42 13.1 16.5 24.7#

71 27.4 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: BG016295.D

Acq: 9 Apr 2015 18:33

Tgt Ion: 136 Resp: 405813

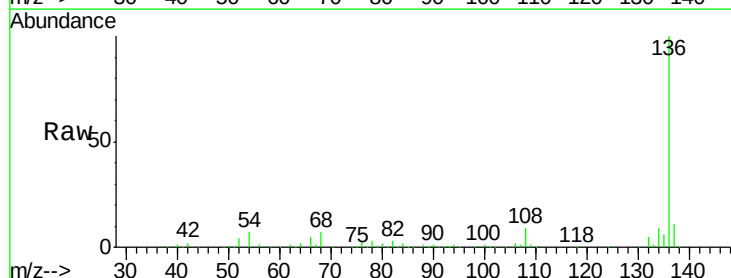
Ion Ratio Lower Upper

136 100

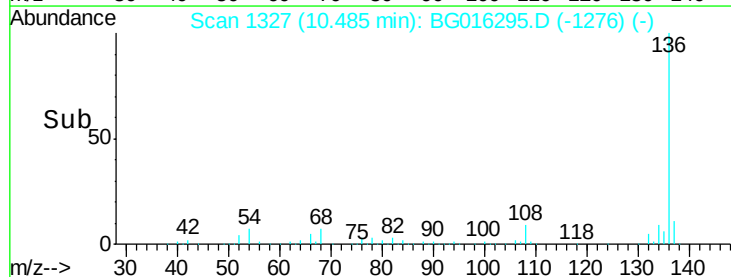
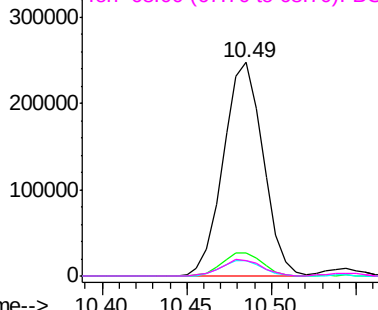
137 10.7 9.7 14.5

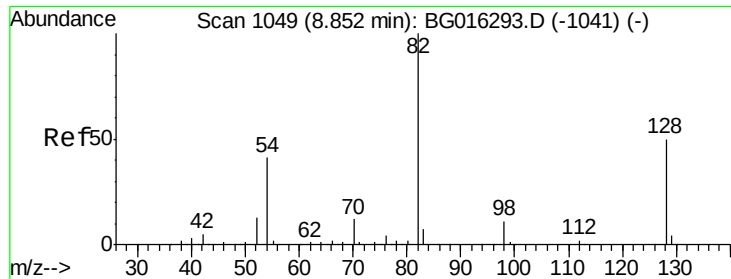
54 7.1 3.2 4.8#

68 7.2 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: 59.39 ng

RT: 8.86 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

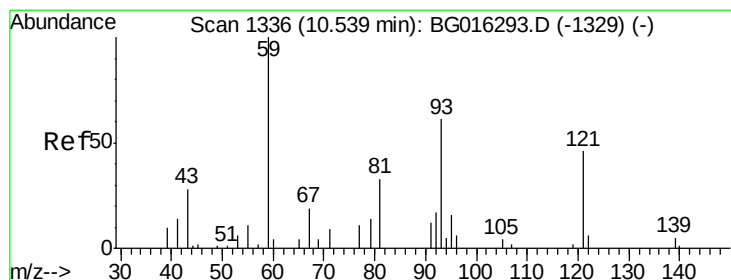
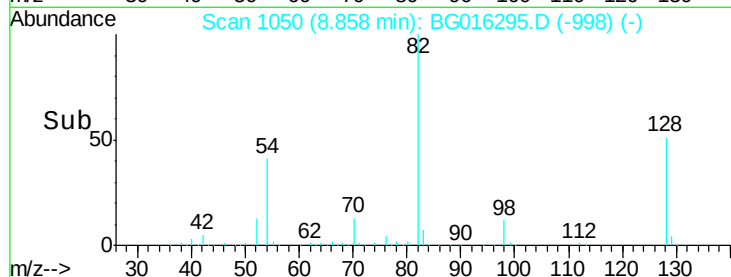
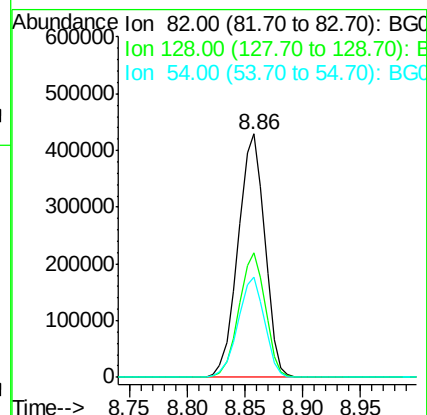
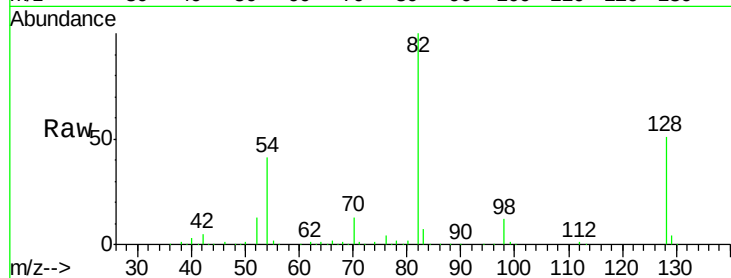
Tgt Ion: 82 Resp: 687877

Ion Ratio Lower Upper

82 100

128 51.3 37.5 56.3

54 41.0 41.0 61.4



#6

Terpineol

Concen: 60.04 ng

RT: 10.54 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

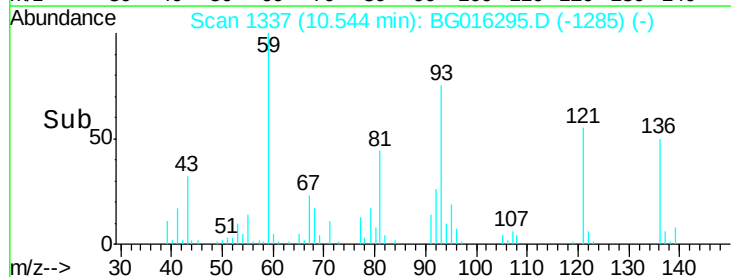
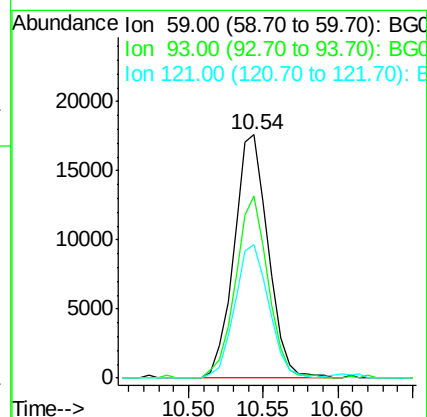
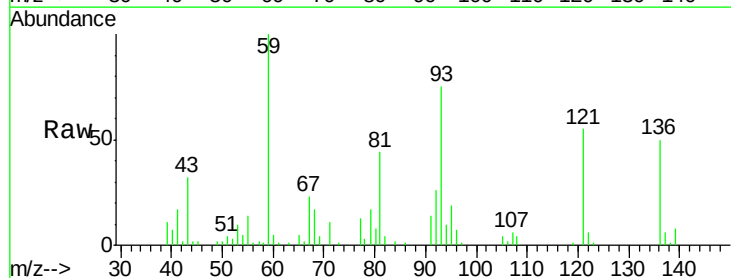
Tgt Ion: 59 Resp: 27981

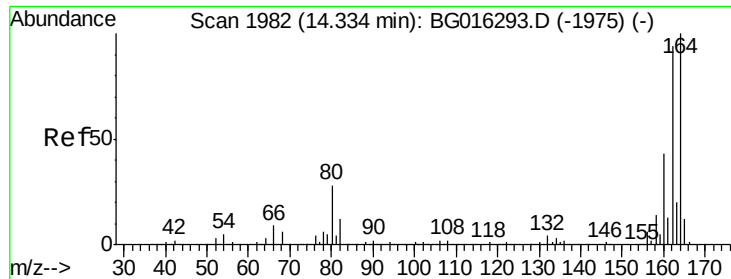
Ion Ratio Lower Upper

59 100

93 74.6 66.9 100.3

121 54.8 72.0 108.0#





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

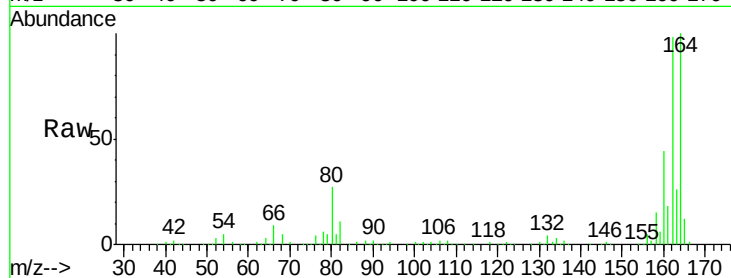
Tgt Ion:164 Resp: 241512

Ion Ratio Lower Upper

164 100

162 98.4 72.8 109.2

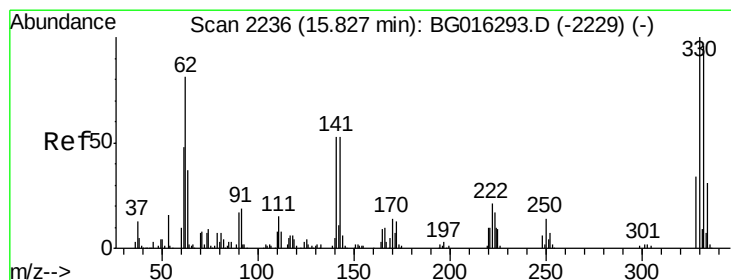
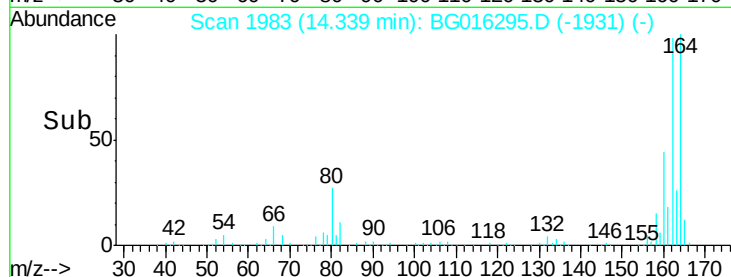
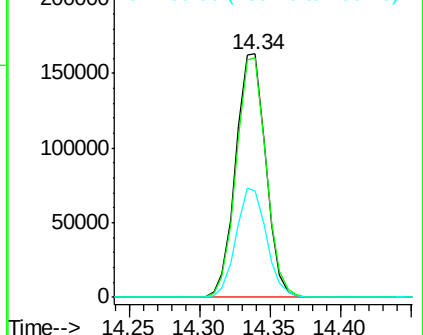
160 44.1 31.9 47.9



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: 62.57 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

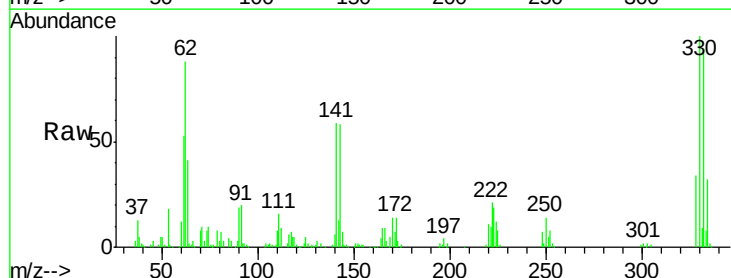
Tgt Ion:330 Resp: 178453

Ion Ratio Lower Upper

330 100

332 96.2 79.6 119.4

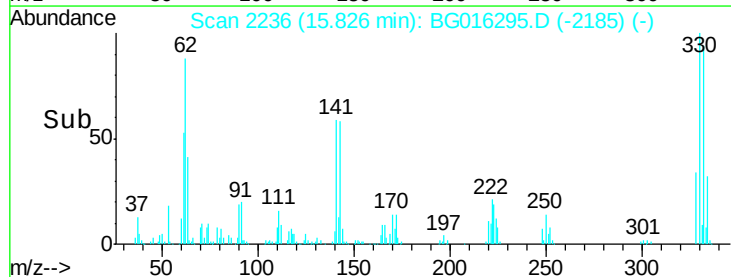
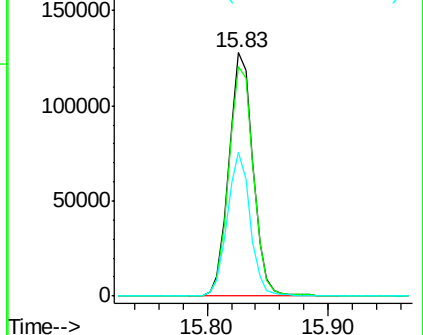
141 56.4 27.3 40.9#

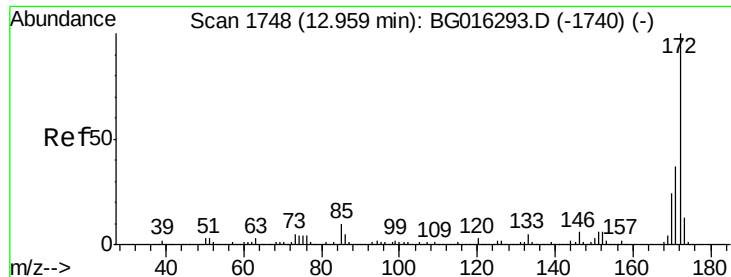


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 54.22 ng

RT: 12.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

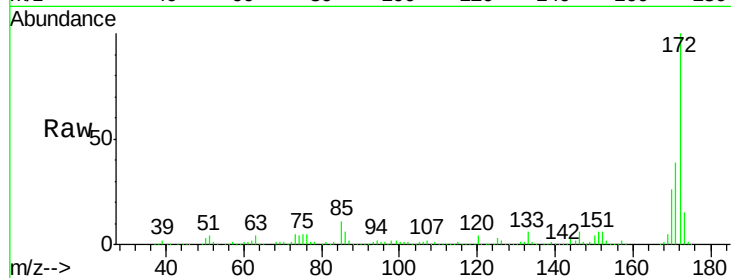
Tgt Ion:172 Resp: 1389909

Ion Ratio Lower Upper

172 100

171 38.7 31.1 46.7

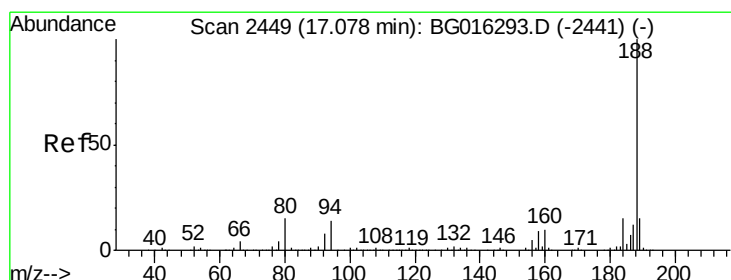
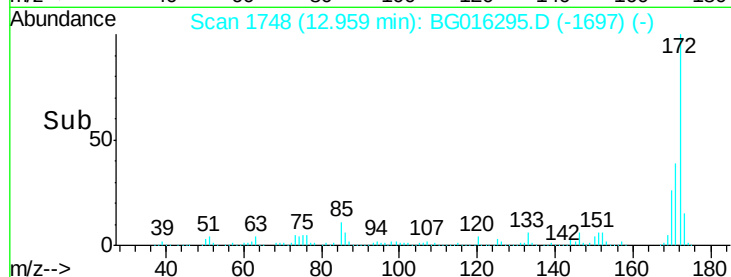
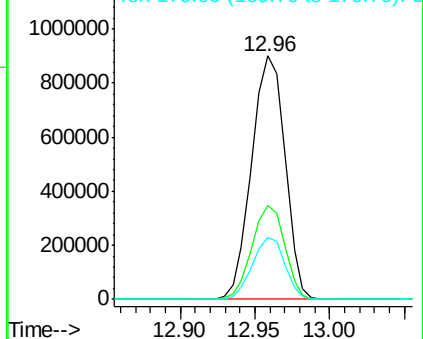
170 25.5 19.8 29.8



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: BG016295.D

Acq: 9 Apr 2015 18:33

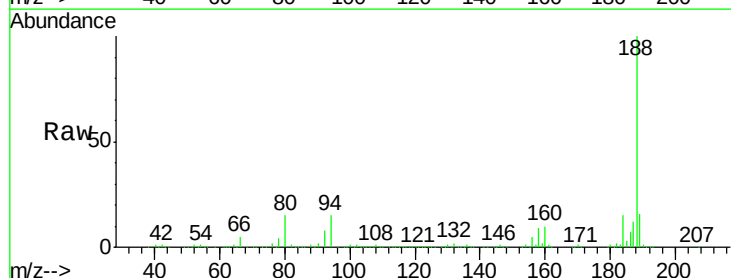
Tgt Ion:188 Resp: 488422

Ion Ratio Lower Upper

188 100

94 15.2 4.0 6.0#

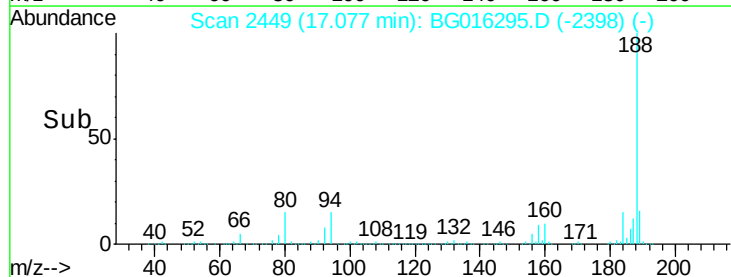
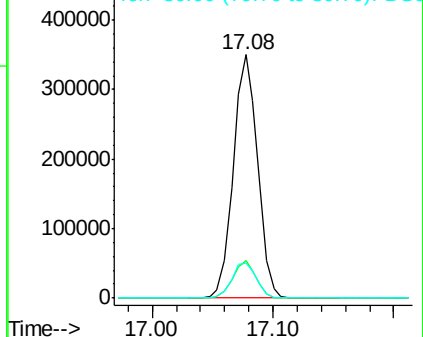
80 14.6 3.4 5.2#

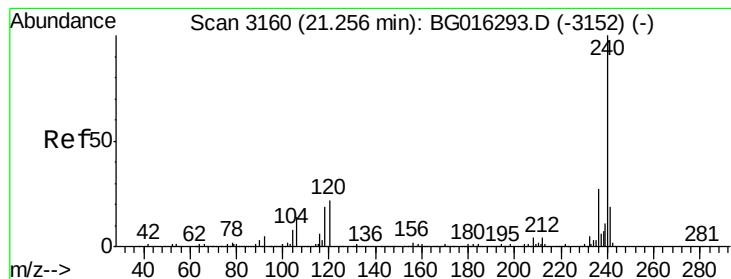


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.25 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

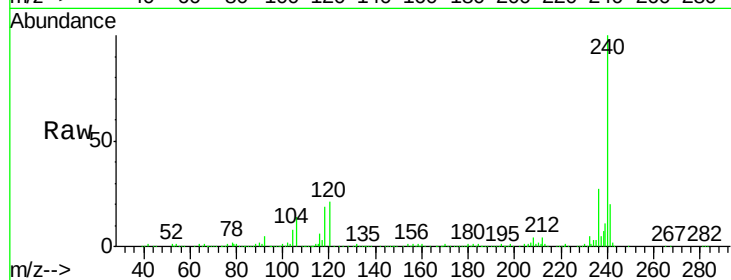
Tgt Ion:240 Resp: 401072

Ion Ratio Lower Upper

240 100

120 21.0 4.9 7.3#

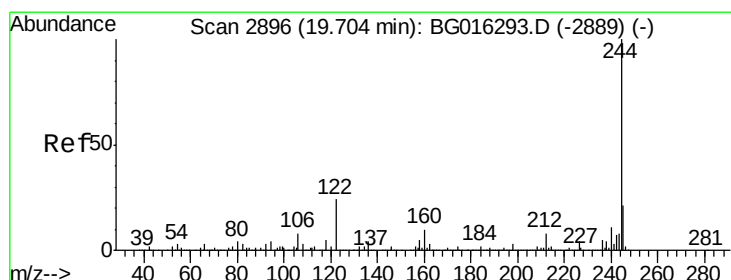
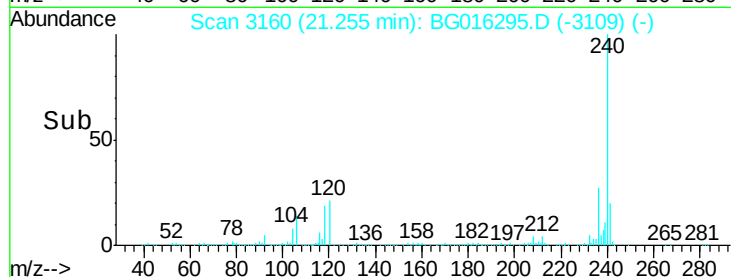
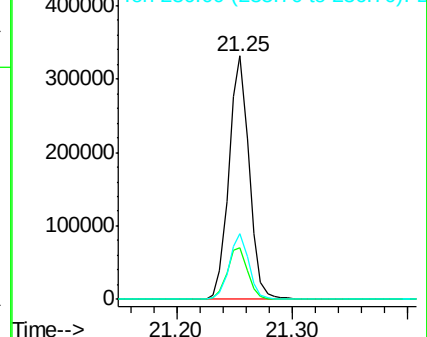
236 26.8 18.8 28.2



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: 51.62 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BG016295.D

Acq: 9 Apr 2015 18:33

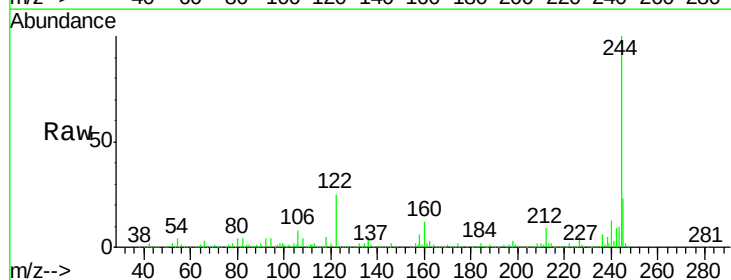
Tgt Ion:244 Resp: 1582667

Ion Ratio Lower Upper

244 100

212 8.9 5.7 8.5#

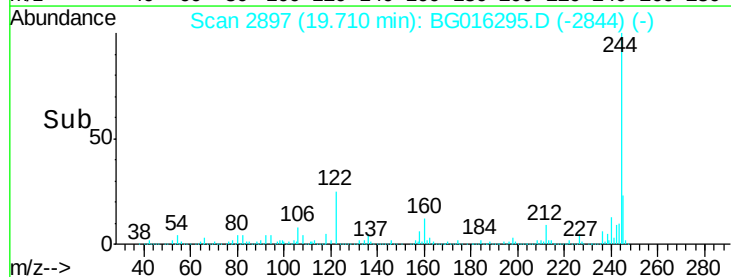
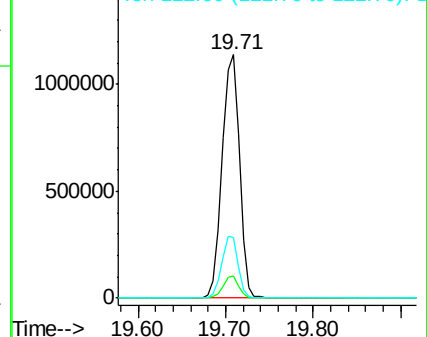
122 24.7 5.4 8.2#

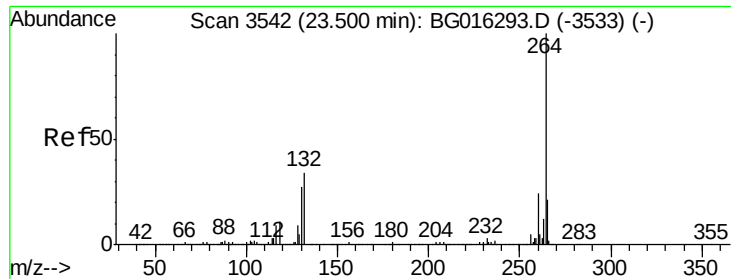


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.50 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG016295.D
Acq: 9 Apr 2015 18:33

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tgt Ion: 264 Resp: 374878

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.5	26.3
265	22.7	17.0	25.4

