

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016297.D
 Acq On : 9 Apr 2015 19:42
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG040915

Quant Time: Apr 10 02:20:38 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

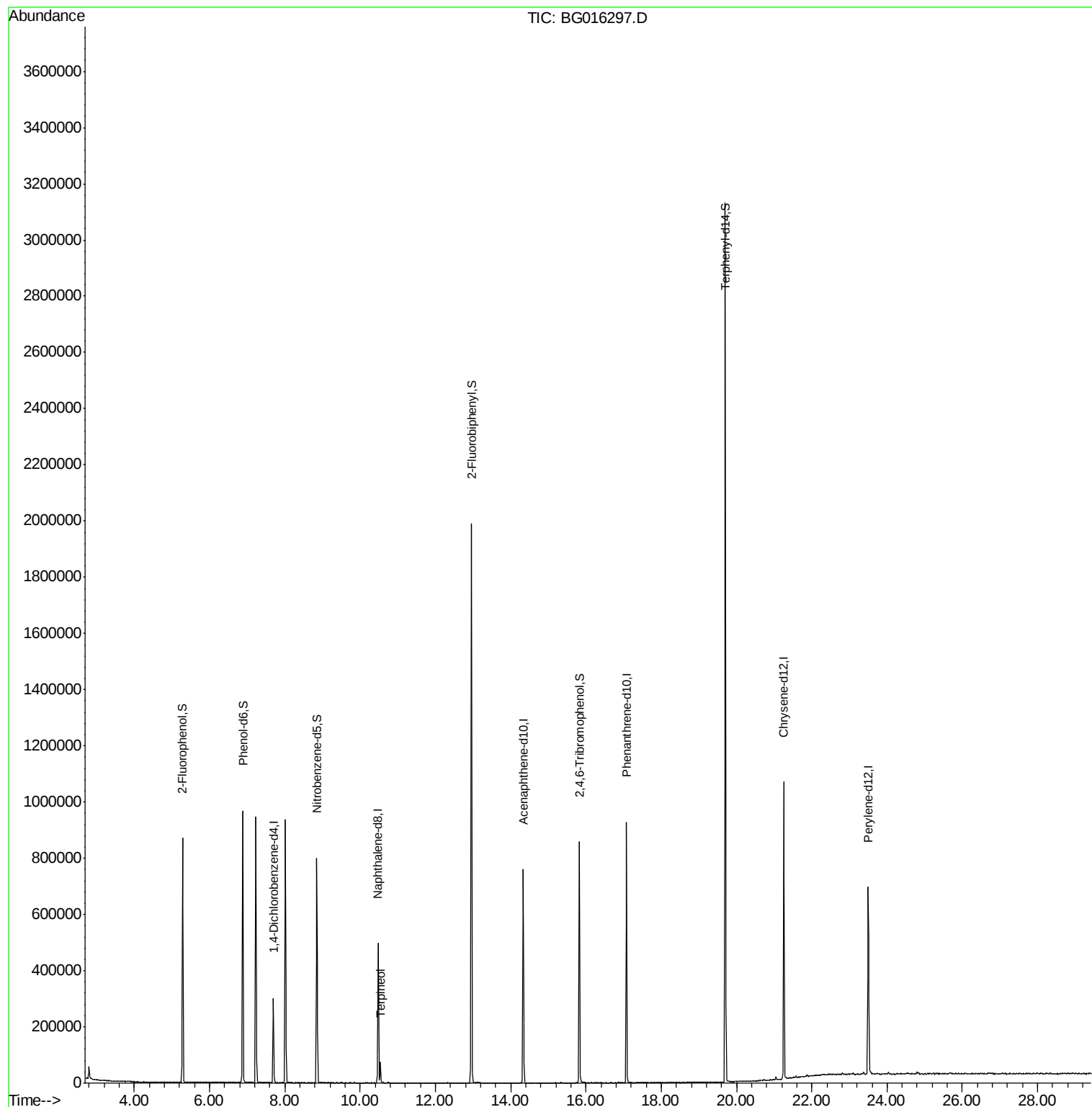
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	80428	20.00	ng	0.00
4) Naphthalene-d8	10.48	136	413406	20.00	ng	0.00
7) Acenaphthene-d10	14.34	164	248827	20.00	ng	0.00
10) Phenanthrene-d10	17.08	188	494464	20.00	ng	0.00
11) Chrysene-d12	21.26	240	403413	20.00	ng	0.00
13) Perylene-d12	23.51	264	380790	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.29	112	412129	79.93	ng	0.00
3) Phenol-d6	6.89	99	639328	80.41	ng	0.00
5) Nitrobenzene-d5	8.85	82	470411	79.80	ng	0.00
8) 2,4,6-Tribromophenol	15.83	330	119959	80.46	ng	0.00
9) 2-Fluorobiphenyl	12.96	172	992479	77.52	ng	0.00
12) Terphenyl-d14	19.71	244	1148733	78.40	ng	0.00
Target Compounds						
6) Terpineol	10.54	59	18715	39.07	ng	Qvalue # 70

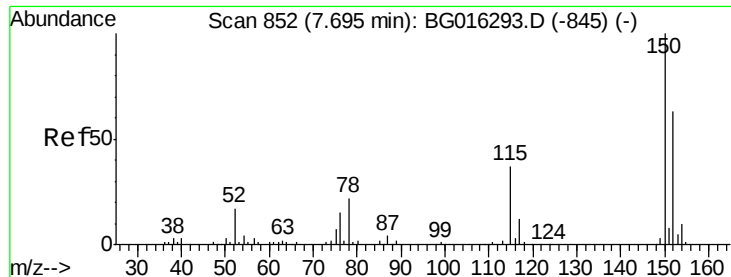
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016297.D

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BNA_G

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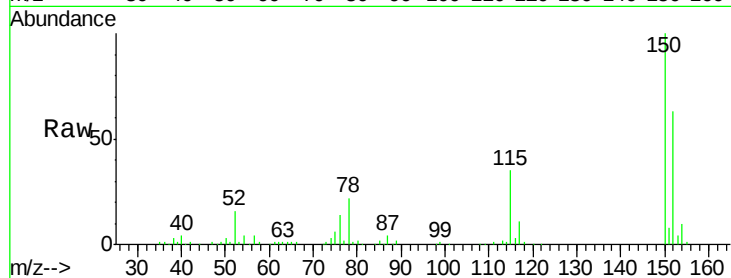
Tot Ion:152 Resp: 80428

Ion Ratio Lower Upper

152 100

150 159.8 139.4 209.0

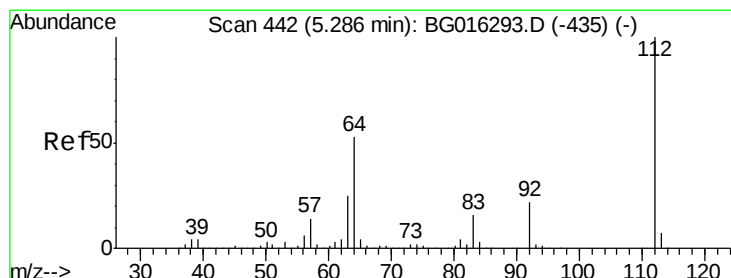
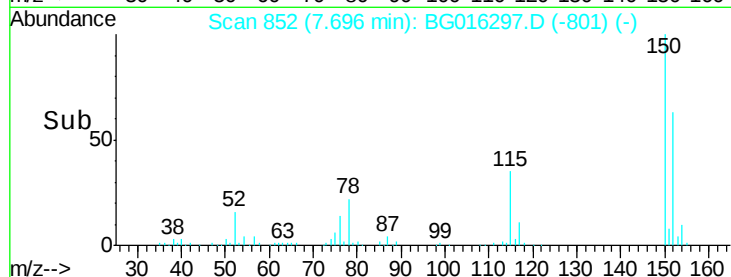
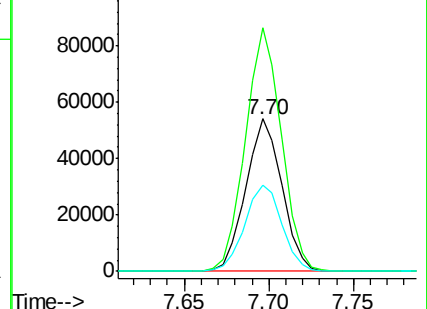
115 56.5 44.6 67.0



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: 79.93 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

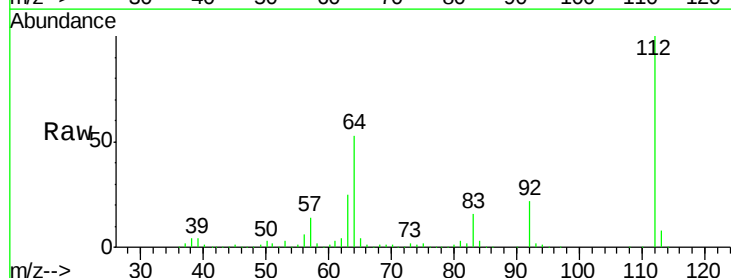
Tgt Ion:112 Resp: 412129

Ion Ratio Lower Upper

112 100

64 52.5 38.3 57.5

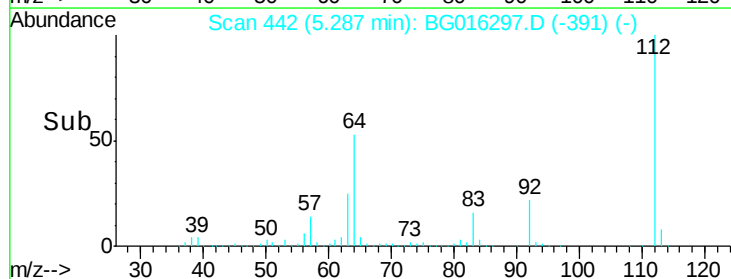
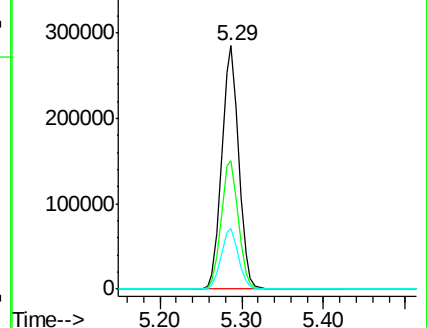
63 24.7 24.2 36.4

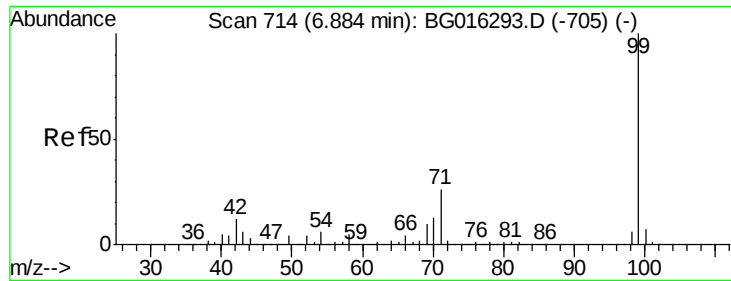


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 80.41 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG016297.D

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ICVBG040915

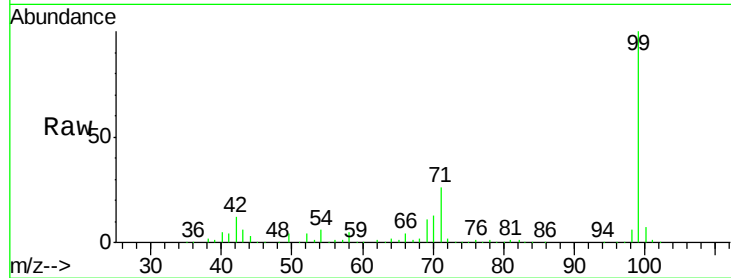
Tot Ion: 99 Resp: 639328

Ion Ratio Lower Upper

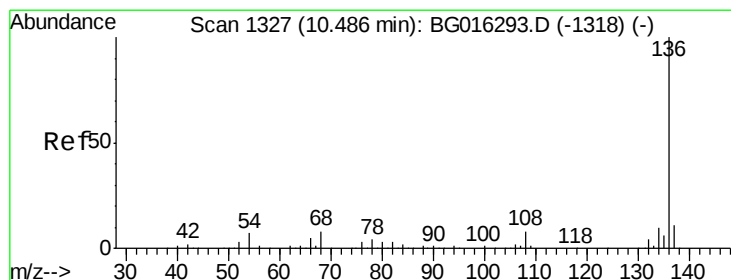
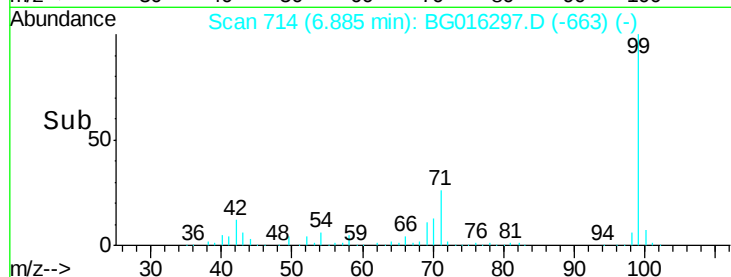
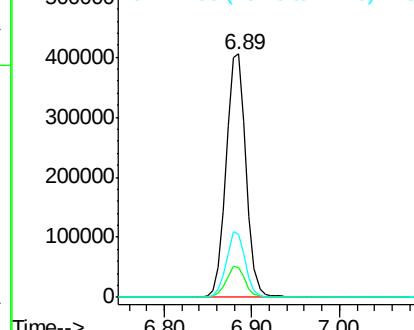
99 100

42 12.5 16.5 24.7#

71 26.0 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: BG016297.D

Acq: 9 Apr 2015 19:42

Tgt Ion: 136 Resp: 413406

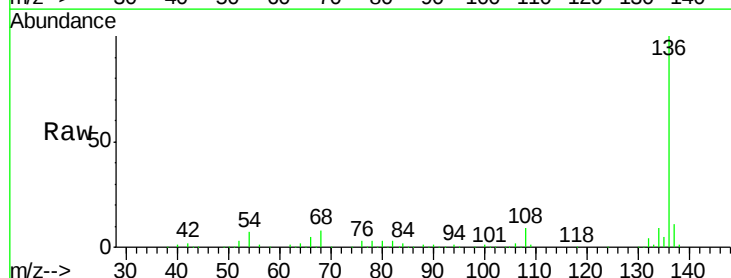
Ion Ratio Lower Upper

136 100

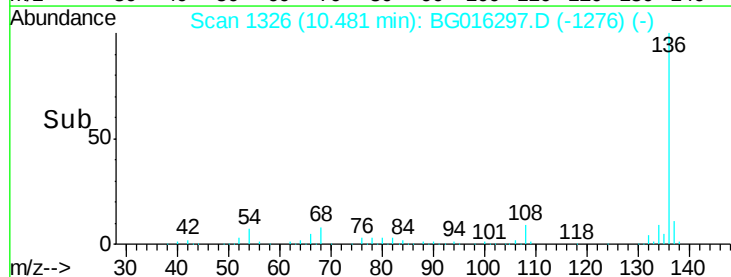
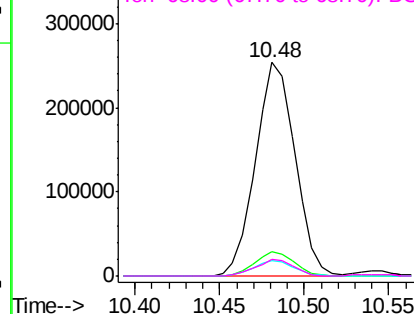
137 11.2 9.7 14.5

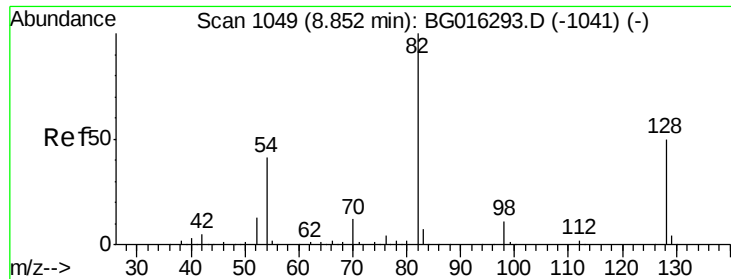
54 7.4 3.2 4.8#

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: 79.80 ng

RT: 8.85 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

Instrument :

BNA_G

ClientSampleId :

ICVBG040915

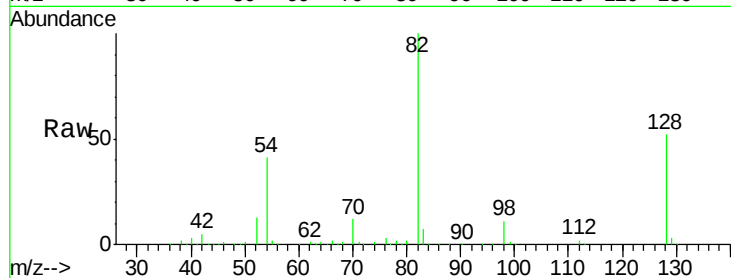
Tot Ion: 82 Resp: 470411

Ion Ratio Lower Upper

82 100

128 51.5 37.5 56.3

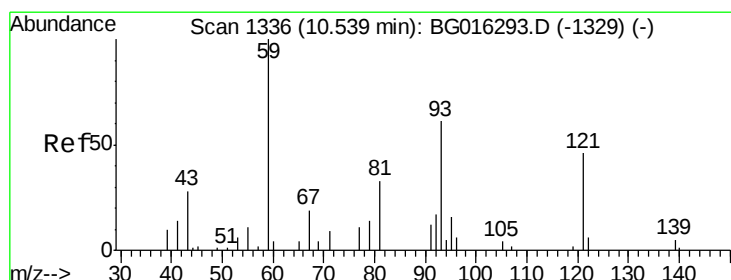
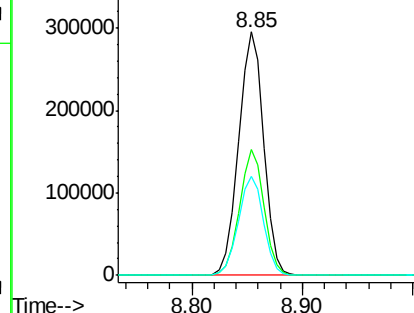
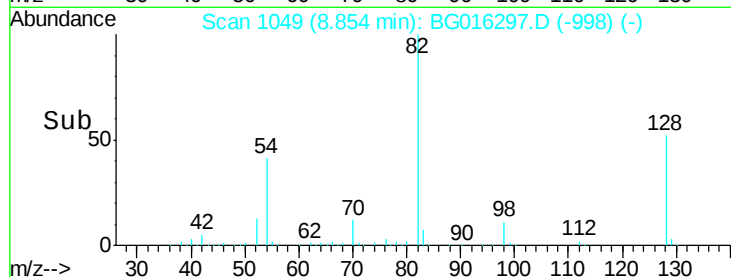
54 40.6 41.0 61.4#



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: 39.07 ng

RT: 10.54 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

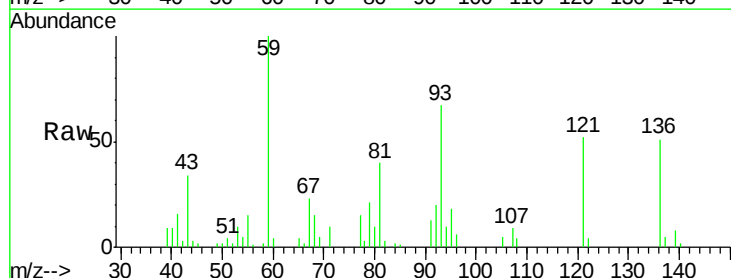
Tgt Ion: 59 Resp: 18715

Ion Ratio Lower Upper

59 100

93 66.7 66.9 100.3#

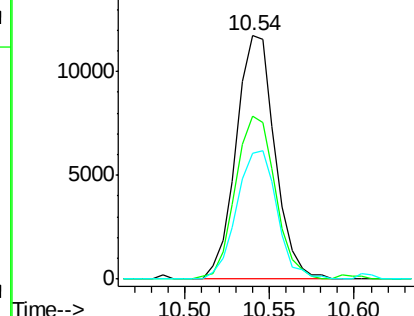
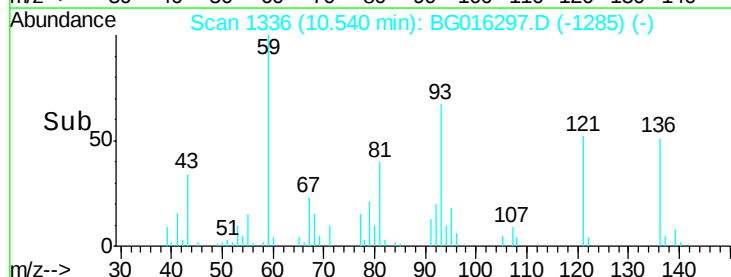
121 51.7 72.0 108.0#

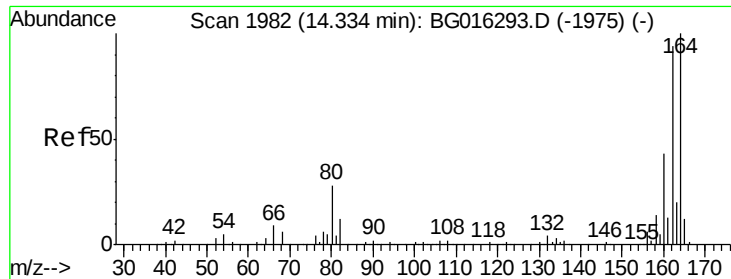


Abundance Ion 59.00 (58.70 to 59.70): BGC

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# 1982

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

Instrument :

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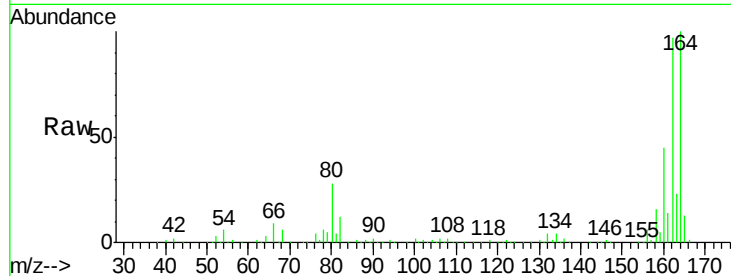
Tot Ion:164 Resp: 248827

Ion Ratio Lower Upper

164 100

162 97.4 72.8 109.2

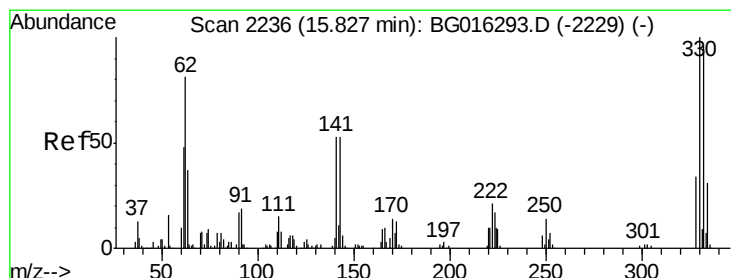
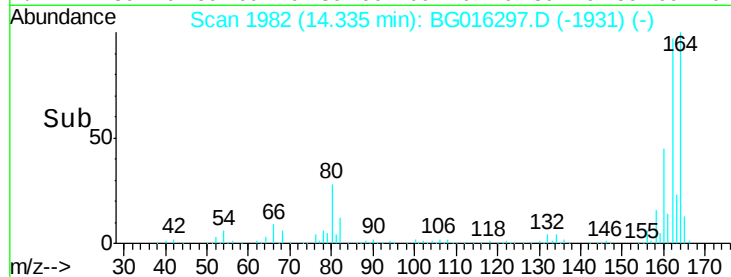
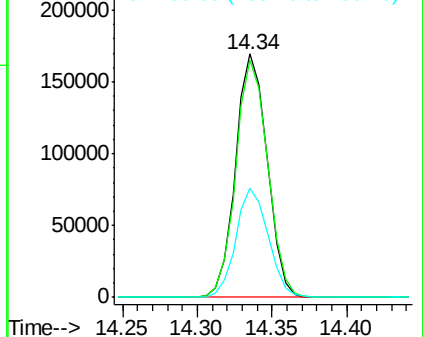
160 45.1 31.9 47.9



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: 80.46 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG016297.D

Acq: 9 Apr 2015 19:42

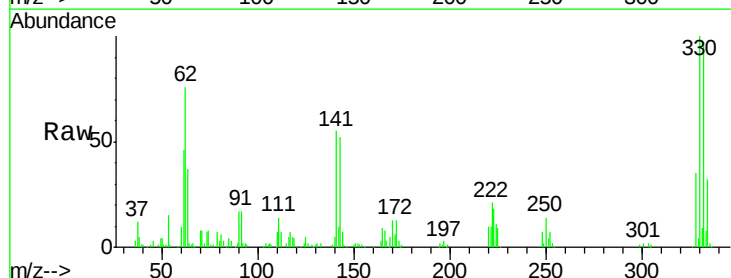
Tgt Ion:330 Resp: 119959

Ion Ratio Lower Upper

330 100

332 96.0 79.6 119.4

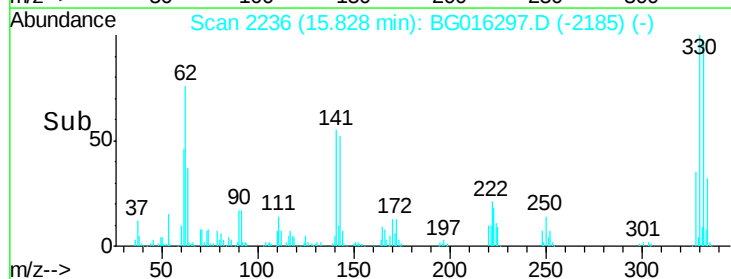
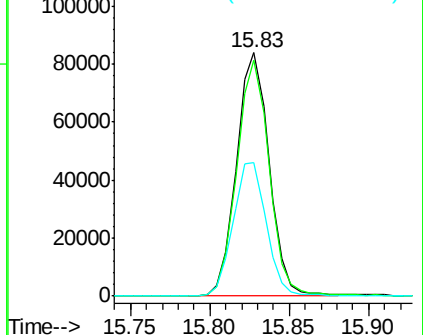
141 55.9 27.3 40.9#

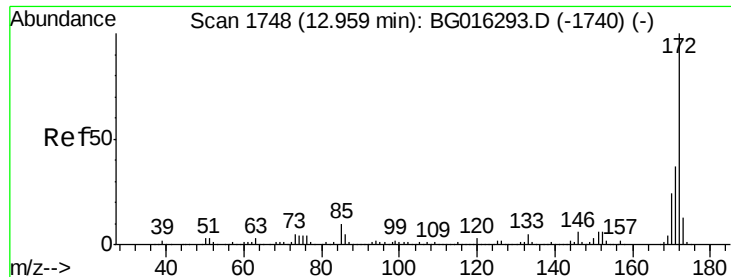


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

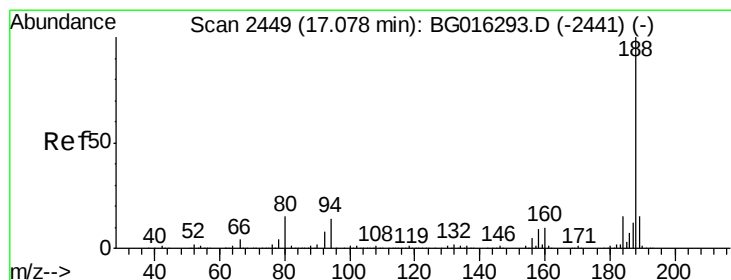
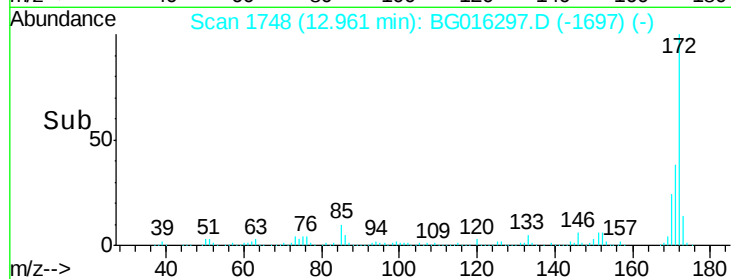
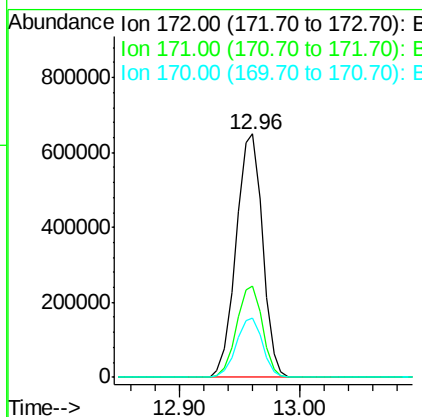
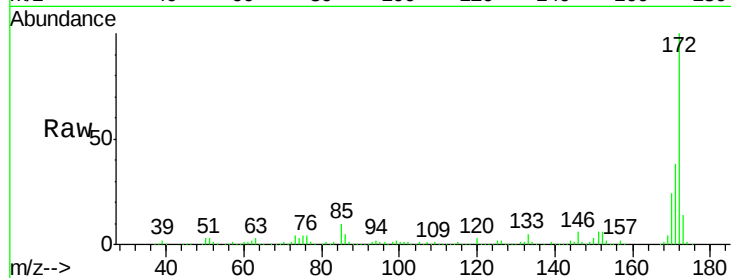




#9
2-Fluorobiphenyl
Concen: 77.52 ng
RT: 12.96 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG016297.D
Acq: 9 Apr 2015 19:42

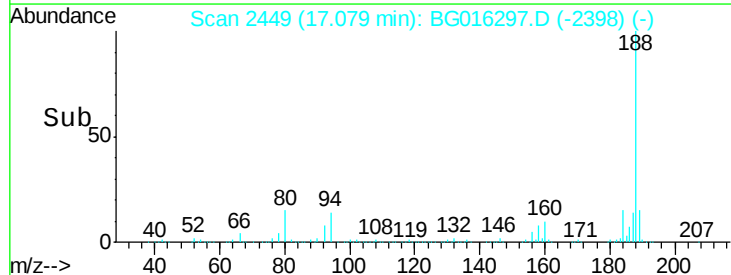
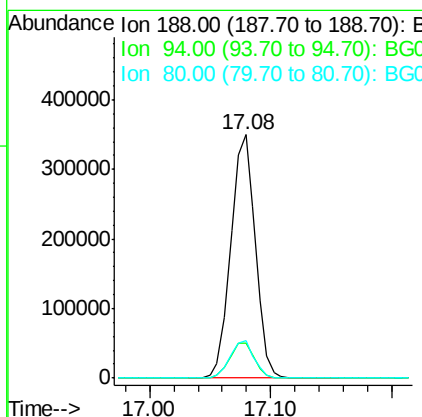
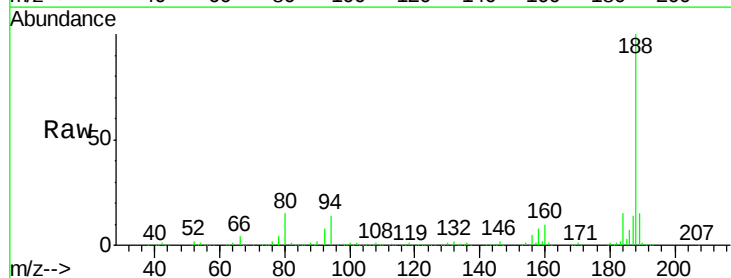
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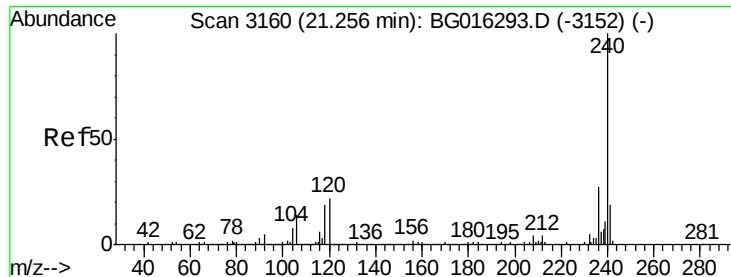
Tot Ion:172 Resp: 992479
Ion Ratio Lower Upper
172 100
171 37.6 31.1 46.7
170 24.4 19.8 29.8



#10
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG016297.D
Acq: 9 Apr 2015 19:42

Tgt Ion:188 Resp: 494464
Ion Ratio Lower Upper
188 100
94 14.3 4.0 6.0#
80 15.2 3.4 5.2#

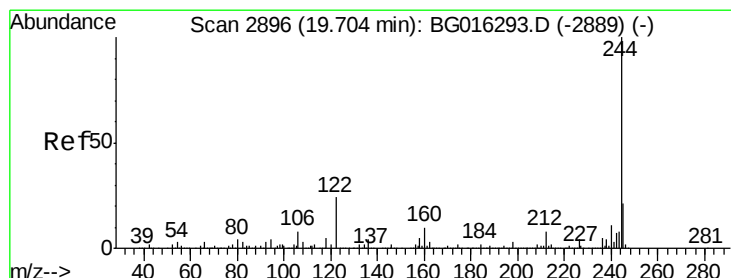
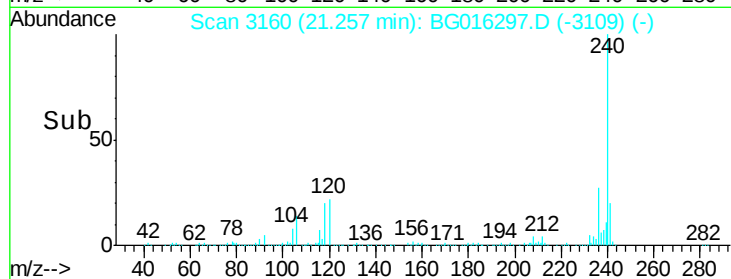
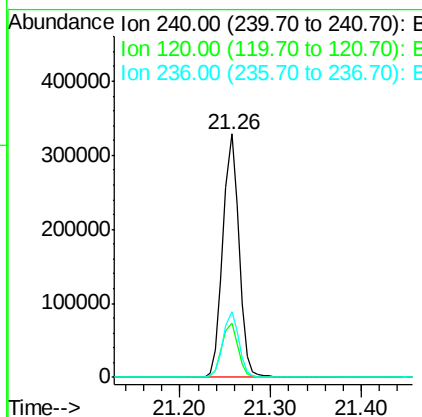
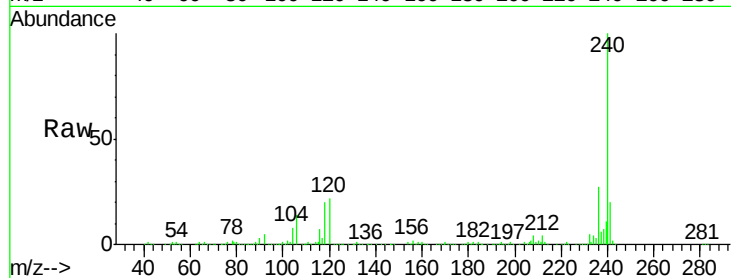




#11
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG016297.D
Acq: 9 Apr 2015 19:42

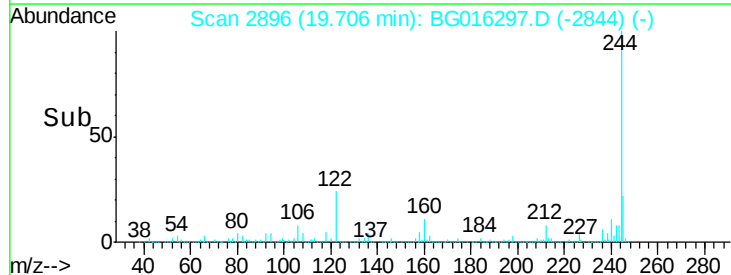
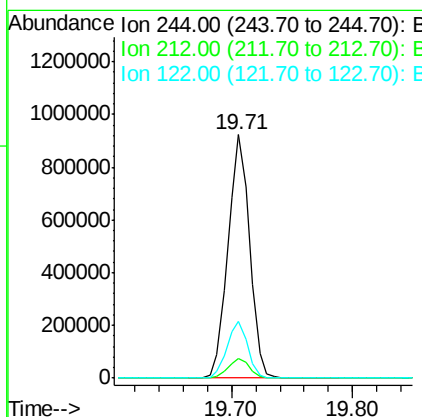
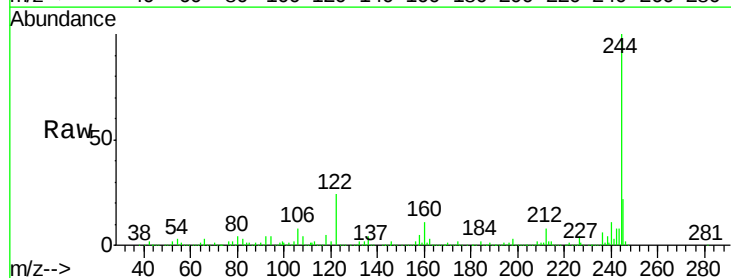
Instrument :
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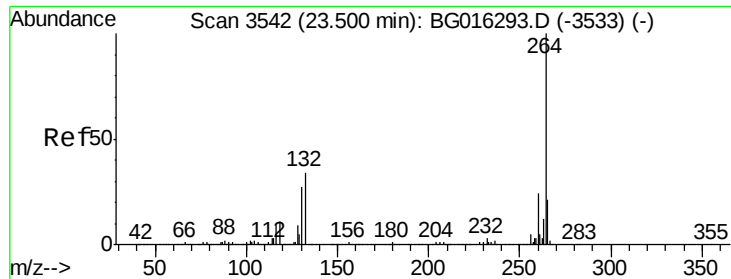
Tot Ion:240 Resp: 403413
Ion Ratio Lower Upper
240 100
120 22.2 4.9 7.3#
236 27.0 18.8 28.2



#12
Terphenyl-d14
Concen: 78.40 ng
RT: 19.71 min Scan# 2896
Delta R.T. 0.01 min
Lab File: BG016297.D
Acq: 9 Apr 2015 19:42

Tgt Ion:244 Resp: 1148733
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 23.5 5.4 8.2#





#13
Pervlene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BG016297.D
Acq: 9 Apr 2015 19:42

Instrument :
BNA_G
ClientSampleId :
ICVBG040915

Tot Ion: 264 Resp: 380790

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.5	26.3
265	21.8	17.0	25.4

