

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016298.D
 Acq On : 9 Apr 2015 20:17
 Operator : TP/IZ
 Sample : PB82381BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82381BL

Quant Time: Apr 10 03:12:38 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	7.69	152	98653	20.00	ng	0.00
4) Naphthalene-d8	10.49	136	484876	20.00	ng	0.00
7) Acenaphthene-d10	14.33	164	297611	20.00	ng	0.00
10) Phenanthrene-d10	17.08	188	613336	20.00	ng	0.00
11) Chrysene-d12	21.25	240	528521	20.00	ng	0.00
13) Perylene-d12	23.50	264	488760	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.29	112	195627	30.93	ng	0.00
3) Phenol-d6	6.88	99	180240	18.48	ng	0.00
5) Nitrobenzene-d5	8.85	82	493439	71.36	ng	0.00
8) 2,4,6-Tribromophenol	15.83	330	148298	83.17	ng	0.00
9) 2-Fluorobiphenyl	12.96	172	1077134	70.34	ng	0.00
12) Terphenyl-d14	19.70	244	1224589	63.80	ng	0.00

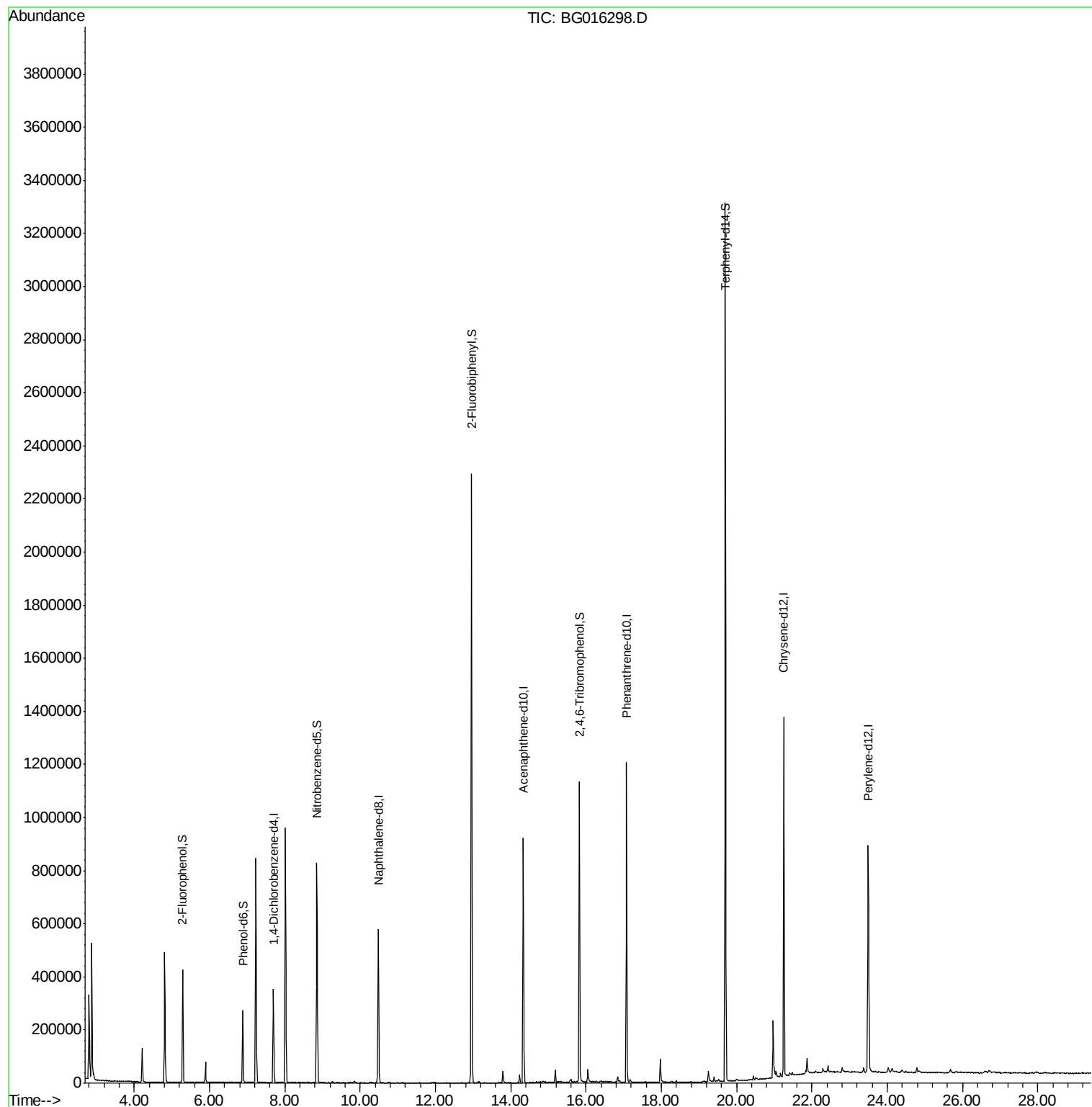
Target Compounds Qvalue

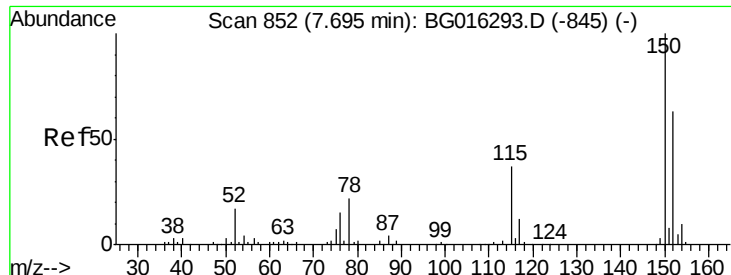
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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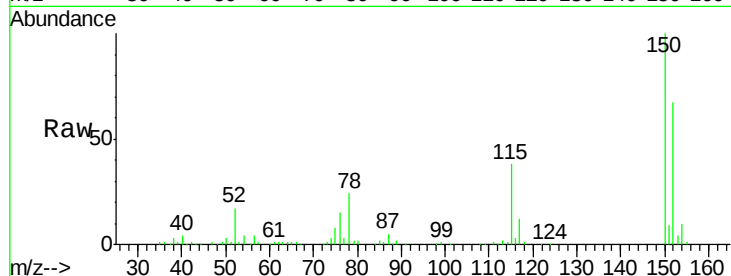


#1

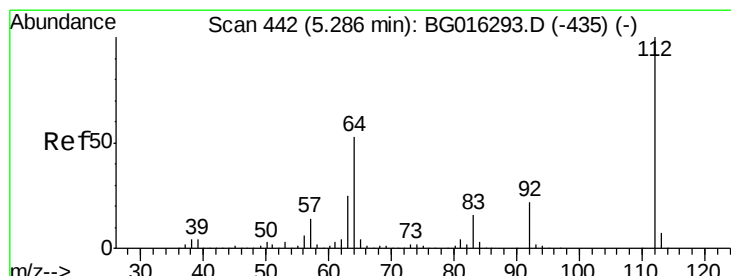
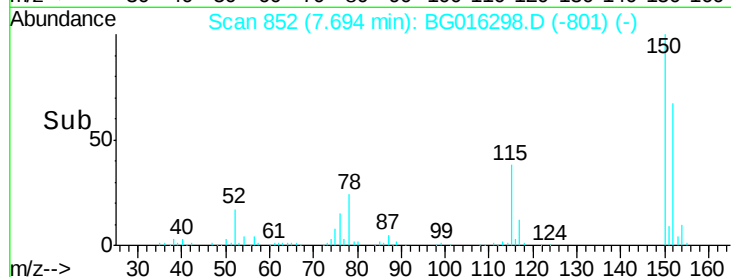
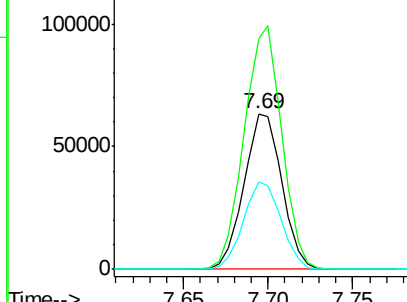
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016298.D
Acq: 9 Apr 2015 20:17

Instrument :
BNA_G
ClientSampleId :
PB82381BL

Tot Ion:152 Resp: 98653
Ion Ratio Lower Upper
152 100
150 148.2 139.4 209.0
115 56.0 44.6 67.0



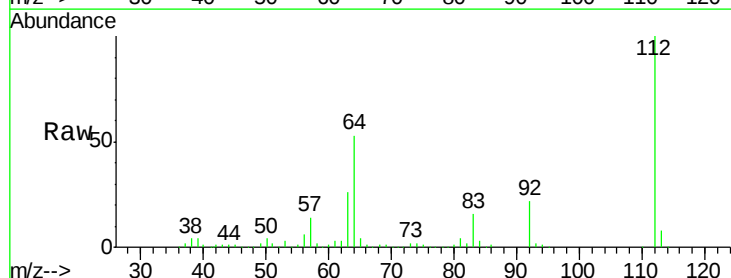
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



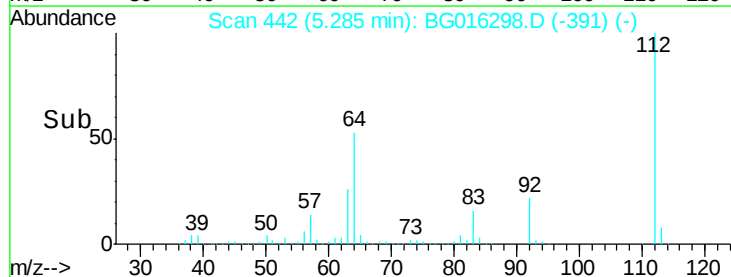
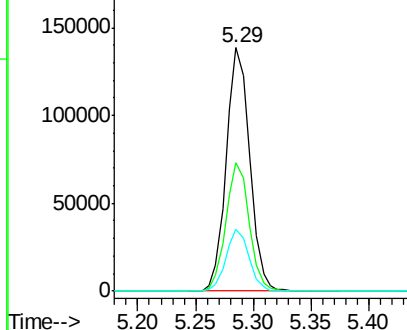
#2

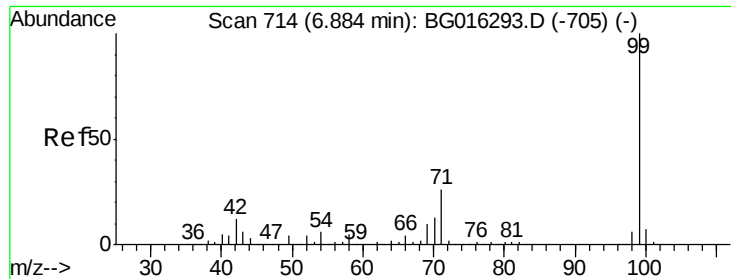
2-Fluorophenol
Concen: 30.93 ng
RT: 5.29 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG016298.D
Acq: 9 Apr 2015 20:17

Tgt Ion:112 Resp: 195627
Ion Ratio Lower Upper
112 100
64 52.5 38.3 57.5
63 25.5 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: 18.48 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

Instrument :

BNA_G

ClientSampleId :

PB82381BL

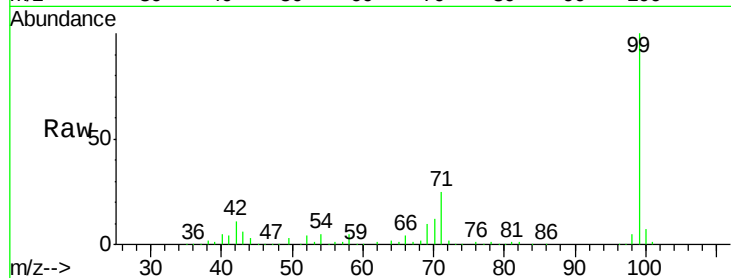
Tot Ion: 99 Resp: 180240

Ion Ratio Lower Upper

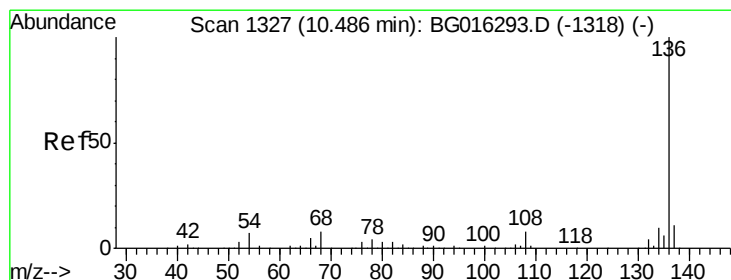
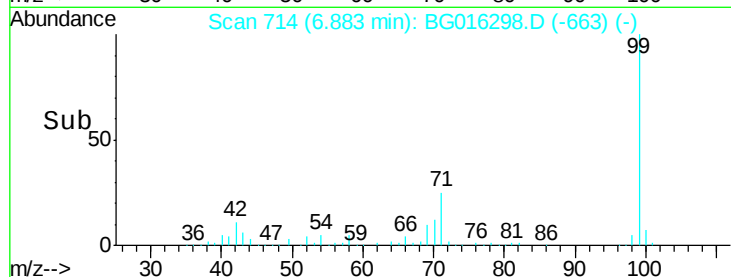
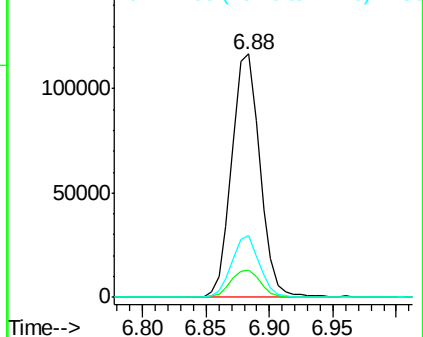
99 100

42 11.3 16.5 24.7#

71 25.4 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: BG016298.D

Acq: 9 Apr 2015 20:17

Tgt Ion: 136 Resp: 484876

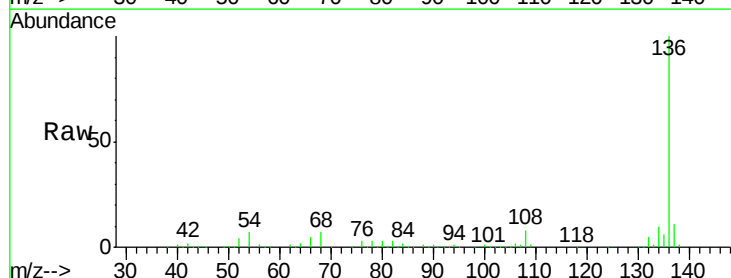
Ion Ratio Lower Upper

136 100

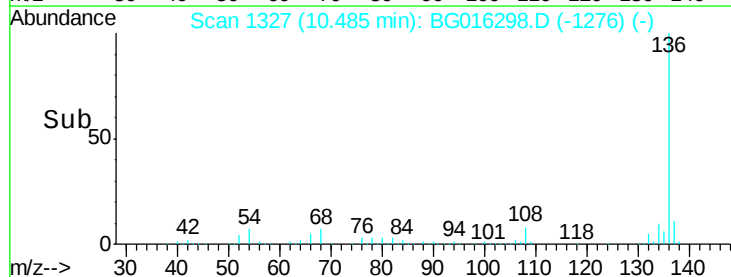
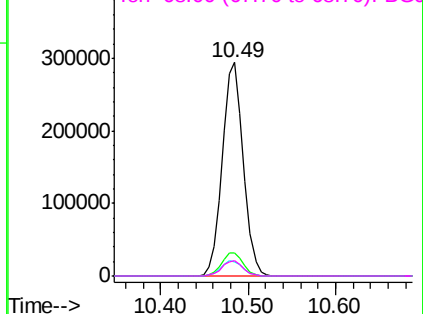
137 11.1 9.7 14.5

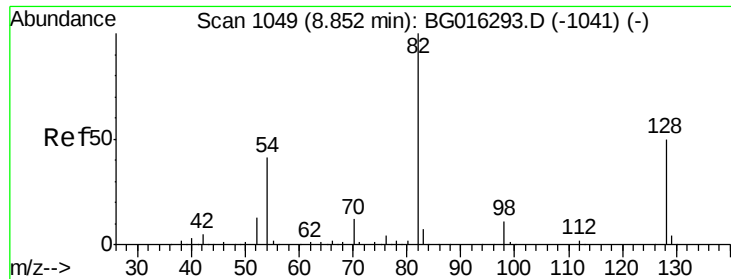
54 6.7 3.2 4.8#

68 7.4 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: 71.36 ng

RT: 8.85 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

Instrument :

BNA_G

ClientSampleID :

PB82381BL

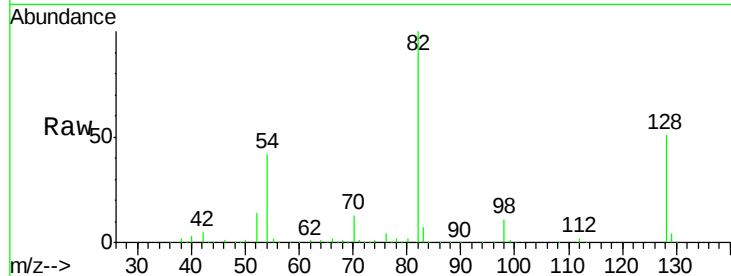
Tot Ion: 82 Resp: 493439

Ion Ratio Lower Upper

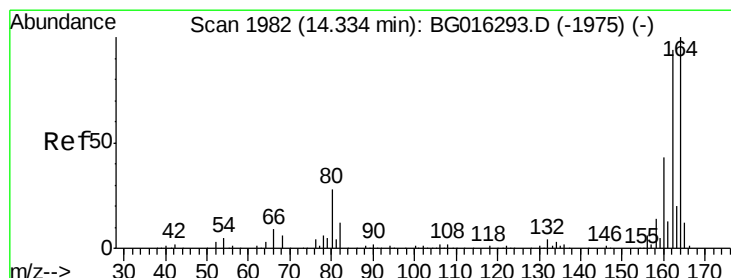
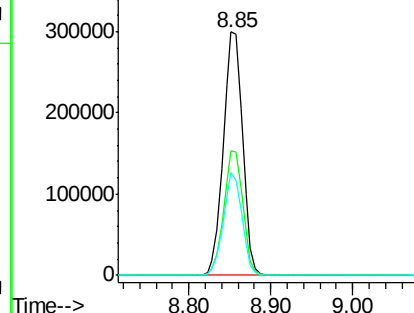
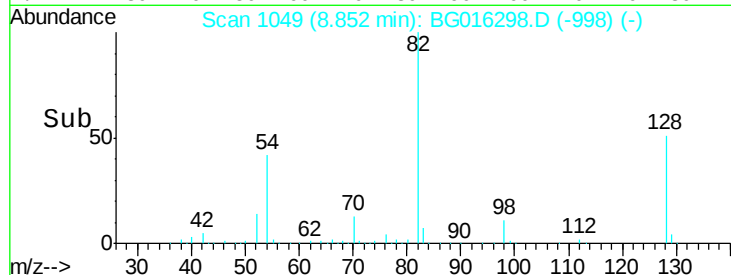
82 100

128 51.4 37.5 56.3

54 42.2 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: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

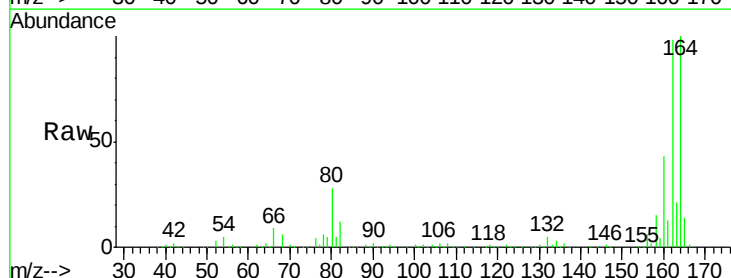
Tgt Ion:164 Resp: 297611

Ion Ratio Lower Upper

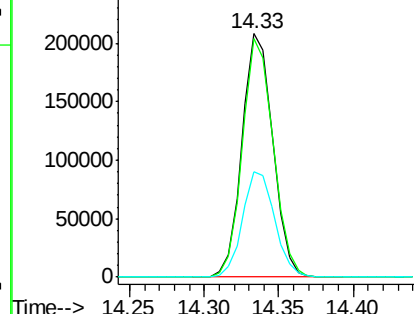
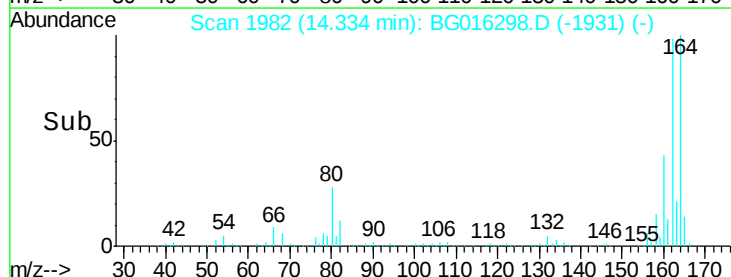
164 100

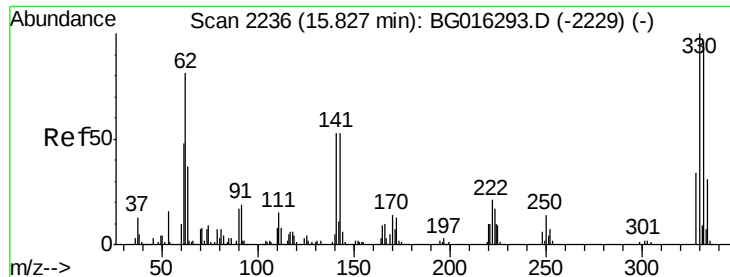
162 97.9 72.8 109.2

160 43.4 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: 83.17 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

Instrument :

BNA_G

ClientSampleId :

PB82381BL

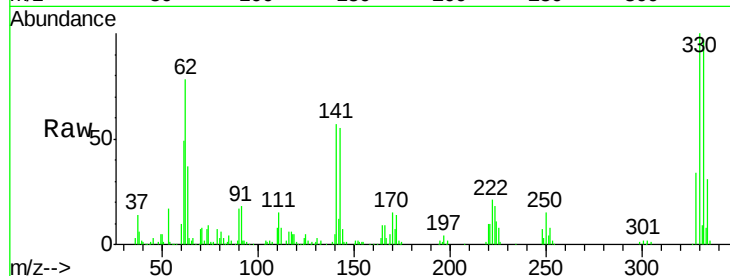
Tot Ion:330 Resp: 148298

Ion Ratio Lower Upper

330 100

332 95.8 79.6 119.4

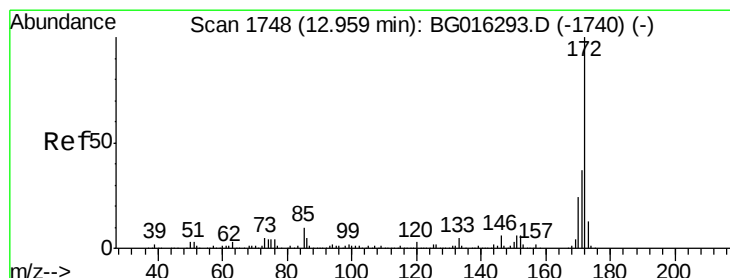
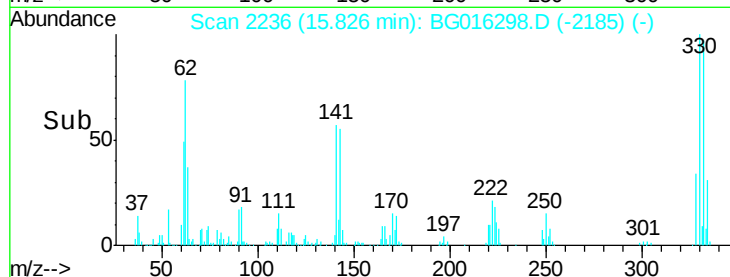
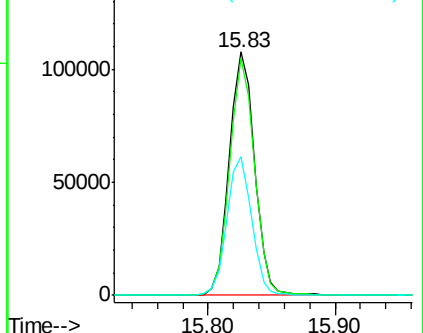
141 55.7 27.3 40.9#



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: 70.34 ng

RT: 12.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

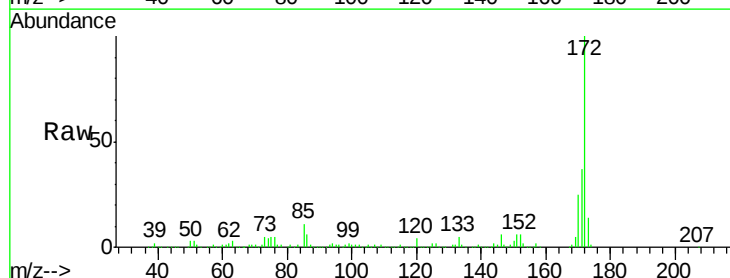
Tgt Ion:172 Resp: 1077134

Ion Ratio Lower Upper

172 100

171 37.2 31.1 46.7

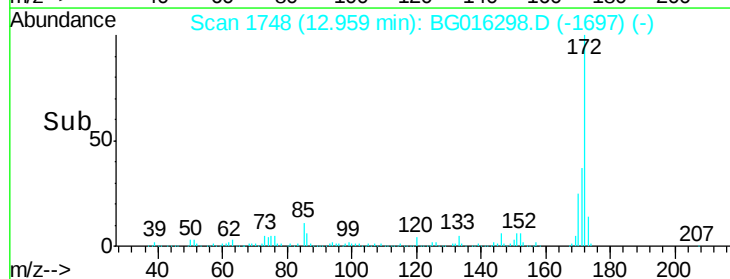
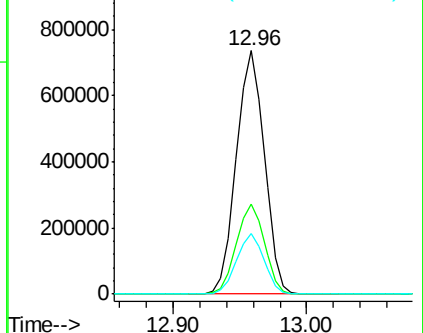
170 24.8 19.8 29.8

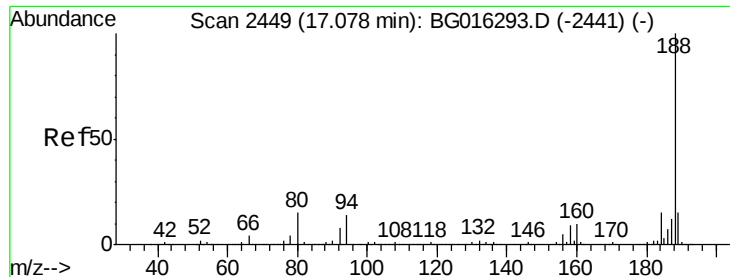


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG016298.D

Acq: 9 Apr 2015 20:17

Instrument :

BNA_G

ClientSampleId :

PB82381BL

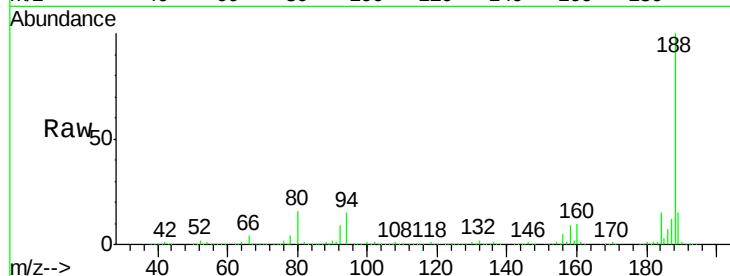
Tot Ion:188 Resp: 613336

Ion Ratio Lower Upper

188 100

94 15.1 4.0 6.0#

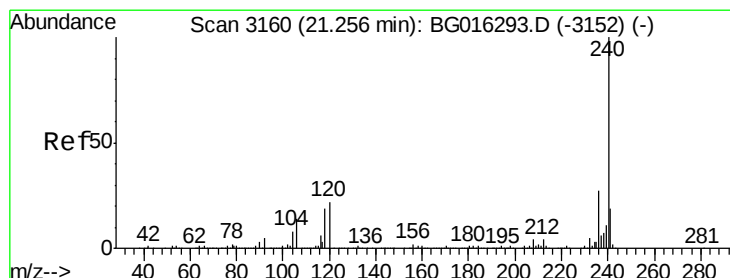
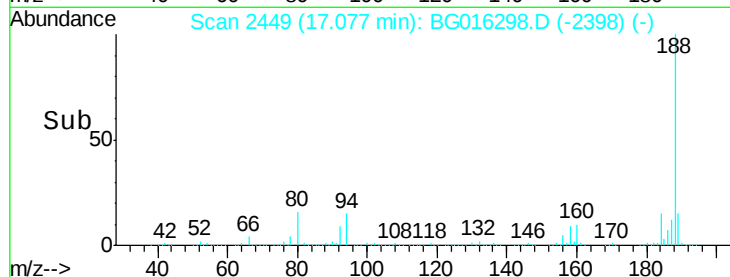
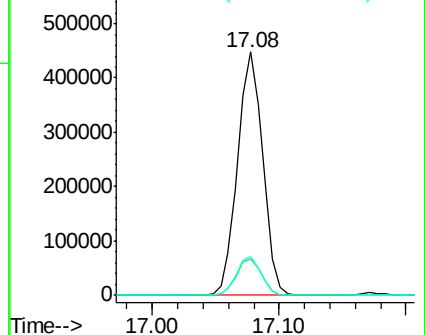
80 15.8 3.4 5.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

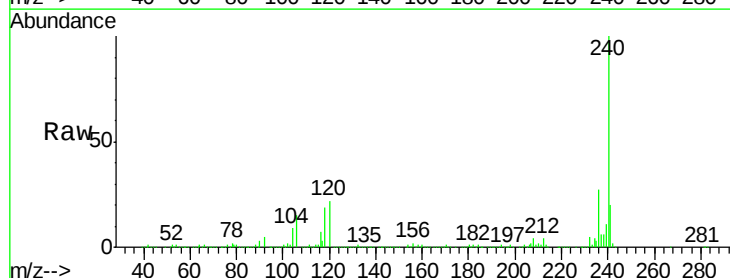
Tgt Ion:240 Resp: 528521

Ion Ratio Lower Upper

240 100

120 22.1 4.9 7.3#

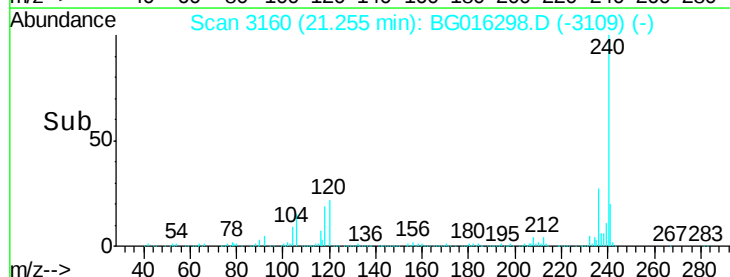
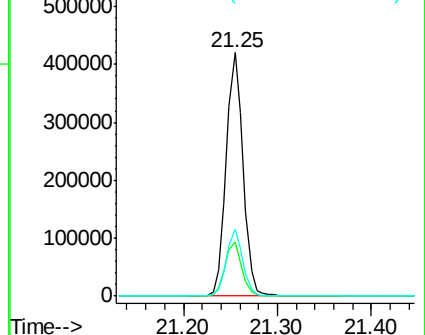
236 27.4 18.8 28.2

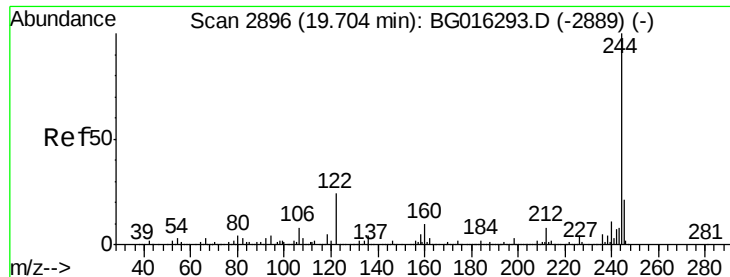


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#12

Terphenyl-d14

Concen: 63.80 ng

RT: 19.70 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG016298.D

Acq: 9 Apr 2015 20:17

Instrument :

BNA_G

ClientSampleId :

PB82381BL

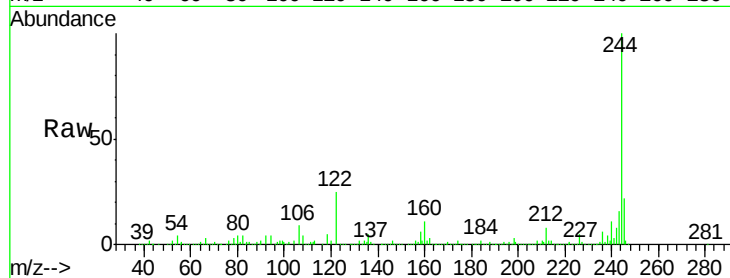
Tot Ion:244 Resp: 1224589

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

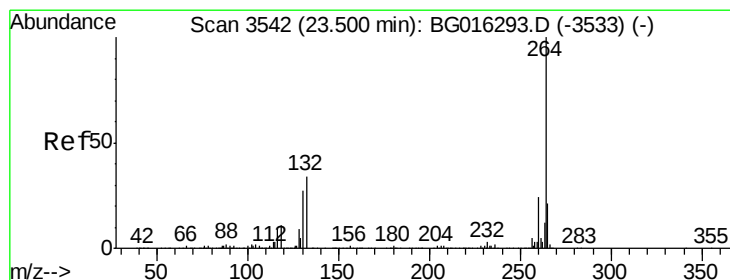
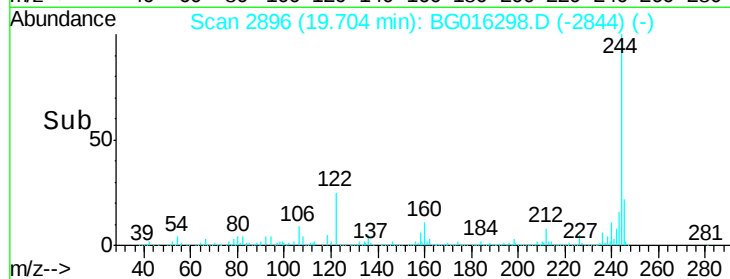
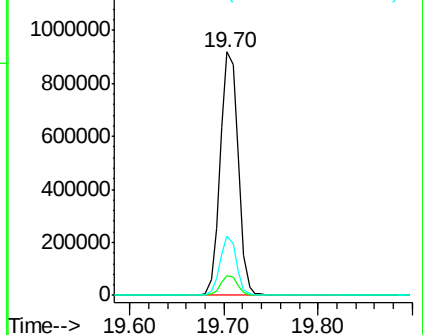
122 24.5 5.4 8.2#



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: BG016298.D

Acq: 9 Apr 2015 20:17

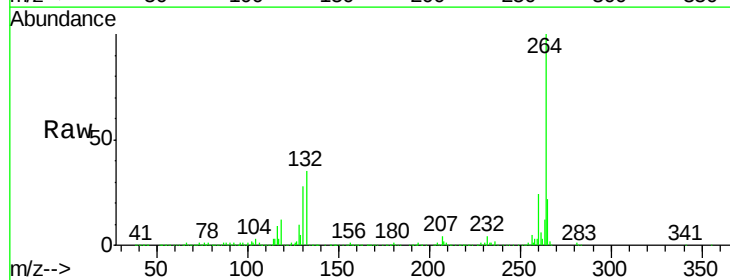
Tgt Ion:264 Resp: 488760

Ion Ratio Lower Upper

264 100

260 24.2 17.5 26.3

265 21.7 17.0 25.4



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

