

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061015\
 Data File : BG017603.D
 Acq On : 10 Jun 2015 16:40
 Operator : TP/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Quant Time: Jun 11 04:04:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 04:02:50 2015
 Response via : Initial Calibration

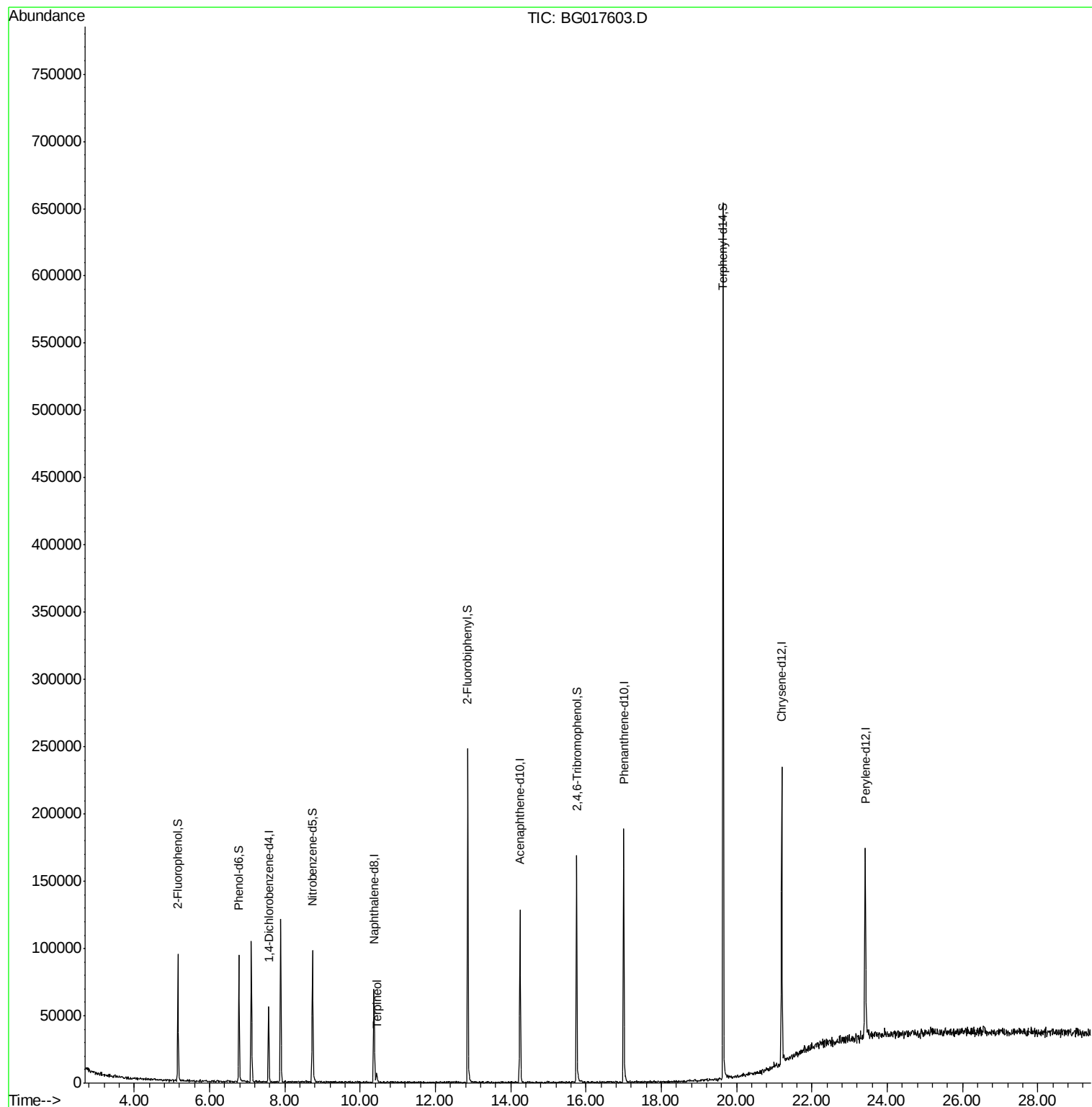
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	11884	20.00	ng	0.00
4) Naphthalene-d8	10.36	136	52839	20.00	ng	0.00
7) Acenaphthene-d10	14.24	164	42063	20.00	ng	0.00
10) Phenanthrene-d10	17.00	188	105649	20.00	ng	0.00
11) Chrysene-d12	21.20	240	113744	20.00	ng	0.00
13) Perylene-d12	23.42	264	105899	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.16	112	30525	41.13	ng	0.00
3) Phenol-d6	6.78	99	38312	34.25	ng	0.00
5) Nitrobenzene-d5	8.73	82	50063	63.72	ng	0.00
8) 2,4,6-Tribromophenol	15.75	330	24308	83.27	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	113033	51.59	ng	0.00
12) Terphenyl-d14	19.64	244	276415	63.11	ng	0.00
Target Compounds						
6) Terpineol	10.44	59	2397	36.54	ng	Qvalue # 80

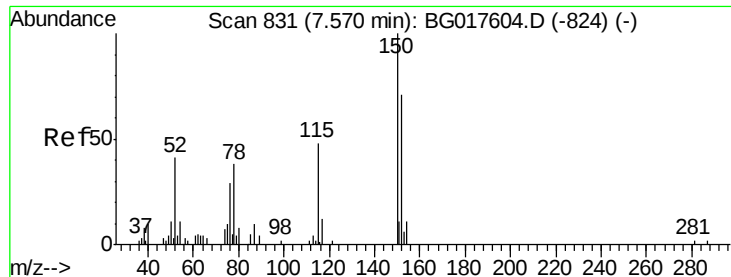
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

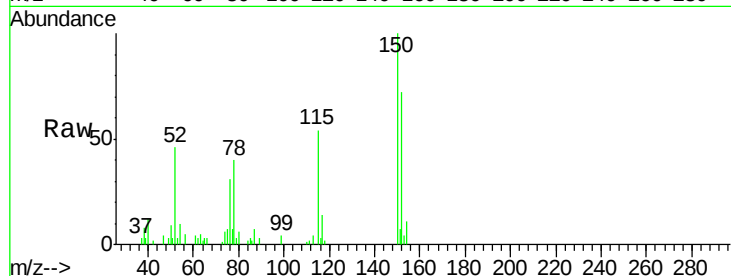
Tgt Ion:152 Resp: 11884

Ion Ratio Lower Upper

152 100

150 139.3 112.5 168.7

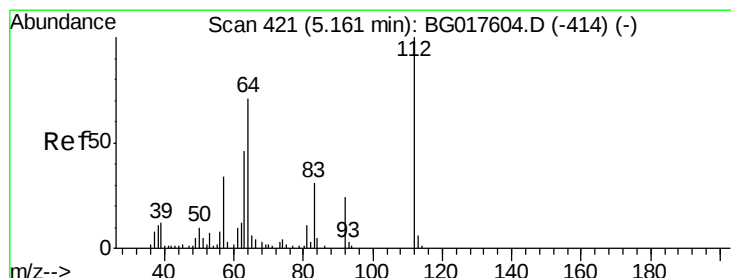
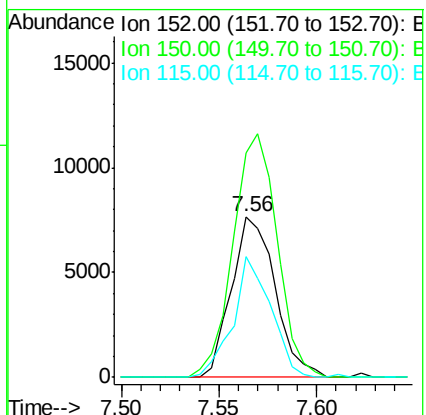
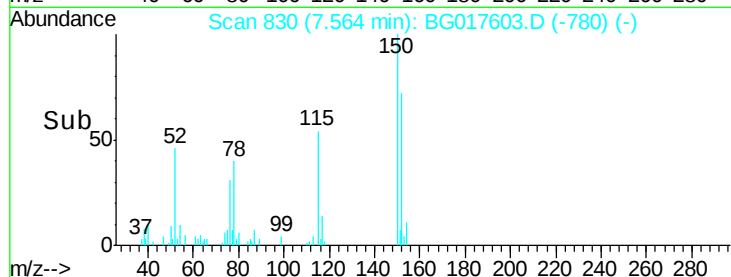
115 75.1 54.5 81.7



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: 41.13 ng

RT: 5.16 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

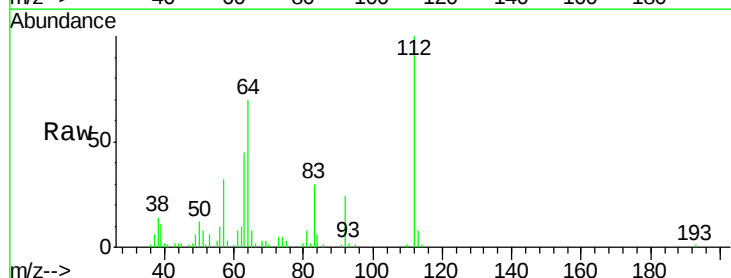
Tgt Ion:112 Resp: 30525

Ion Ratio Lower Upper

112 100

64 69.8 57.0 85.4

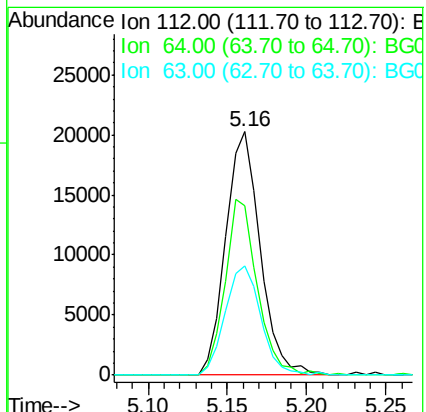
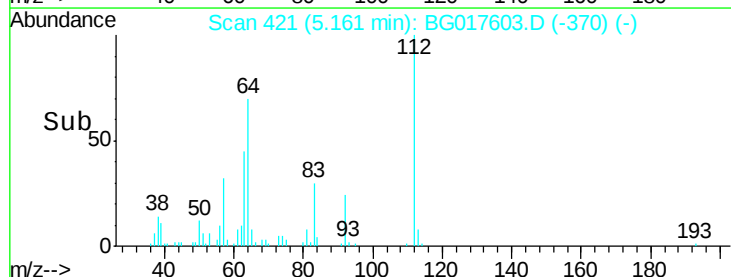
63 44.8 37.1 55.7

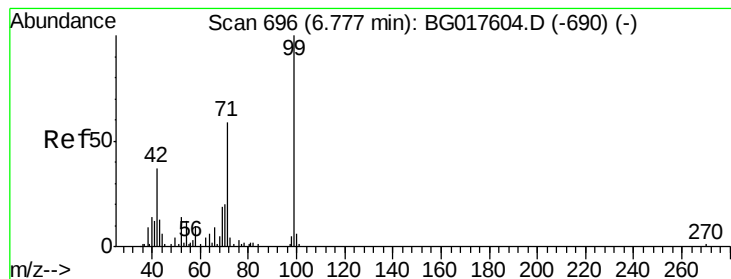


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 34.25 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

Instrument :

BNA_G

ClientSampleId :

SSTDICC025

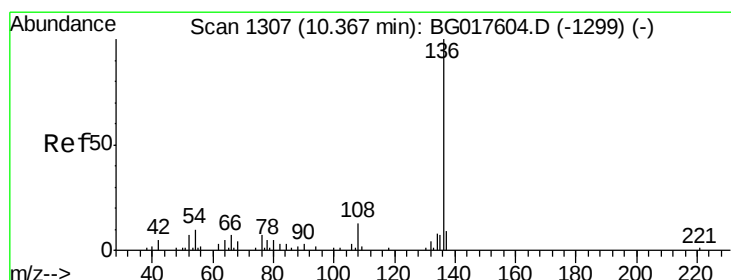
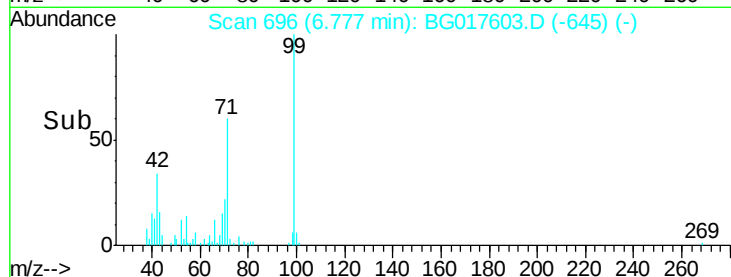
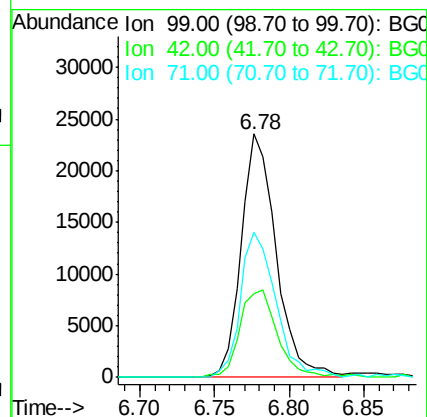
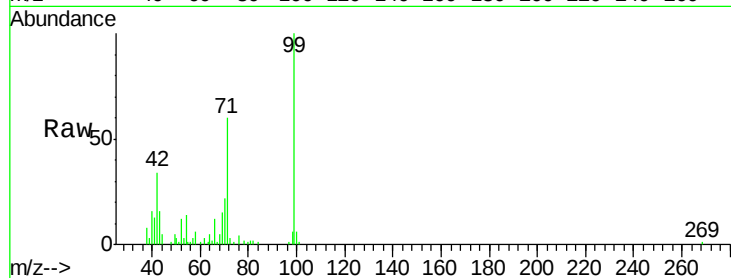
Tgt Ion: 99 Resp: 38312

Ion Ratio Lower Upper

99 100

42 34.5 29.9 44.9

71 59.8 47.3 70.9



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

Tgt Ion: 136 Resp: 52839

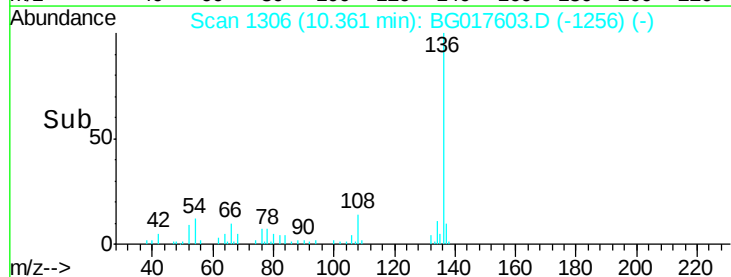
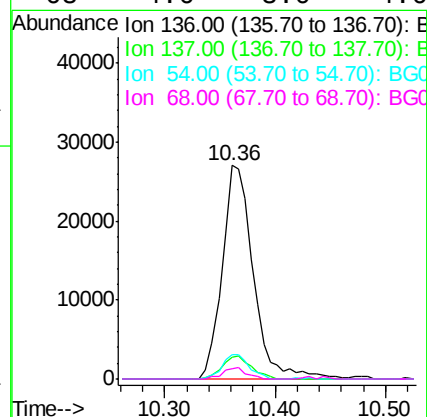
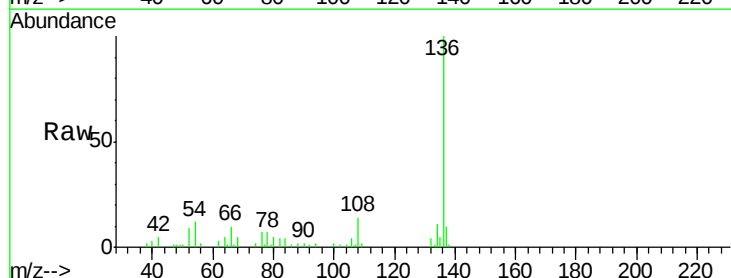
Ion Ratio Lower Upper

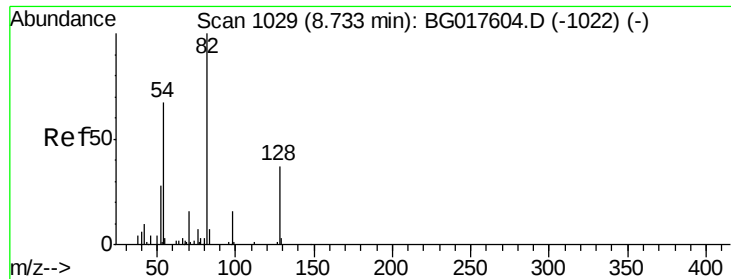
136 100

137 10.3 7.2 10.8

54 11.6 7.6 11.4#

68 4.6 3.0 4.6#





#5

Nitrobenzene-d5

Concen: 63.72 ng

RT: 8.73 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

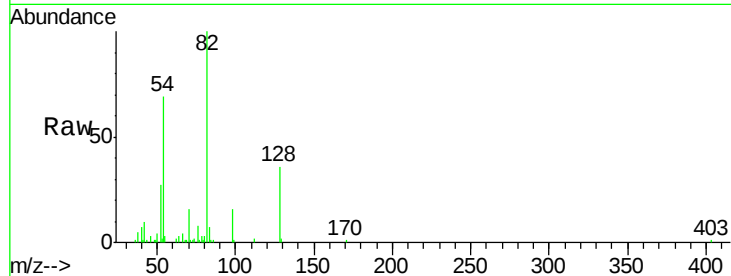
Tgt Ion: 82 Resp: 50063

Ion Ratio Lower Upper

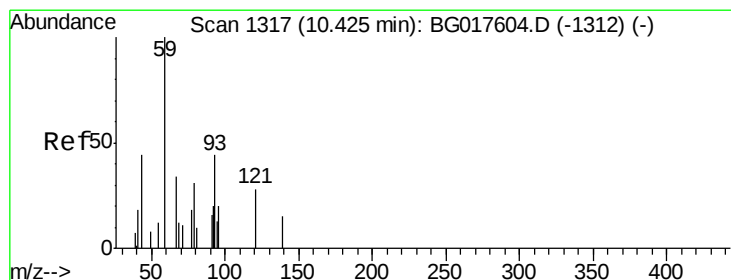
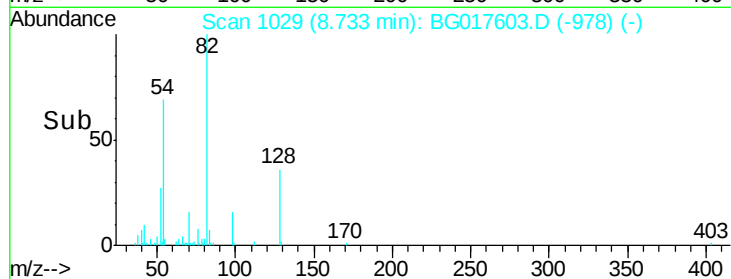
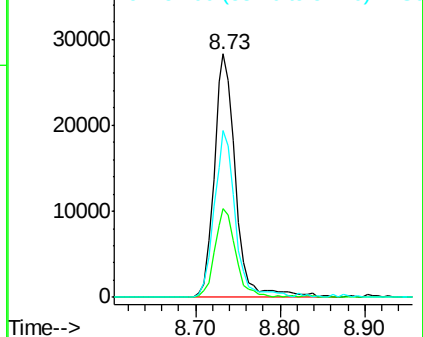
82 100

128 36.3 29.8 44.6

54 68.6 53.9 80.9



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: 36.54 ng

RT: 10.44 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

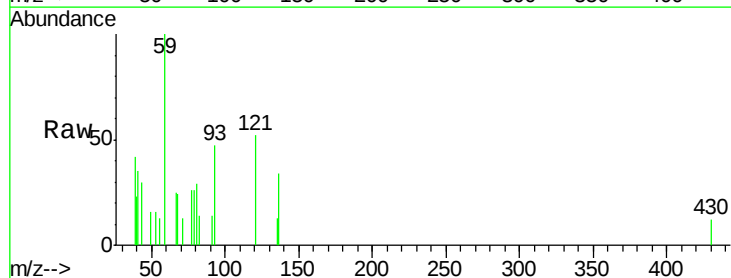
Tgt Ion: 59 Resp: 2397

Ion Ratio Lower Upper

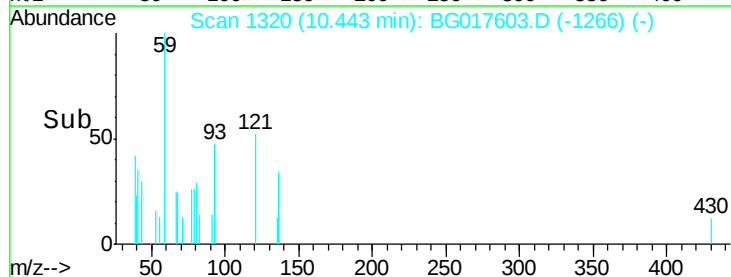
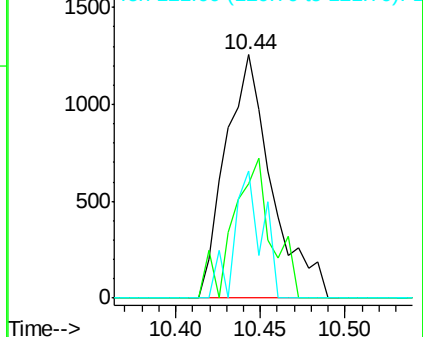
59 100

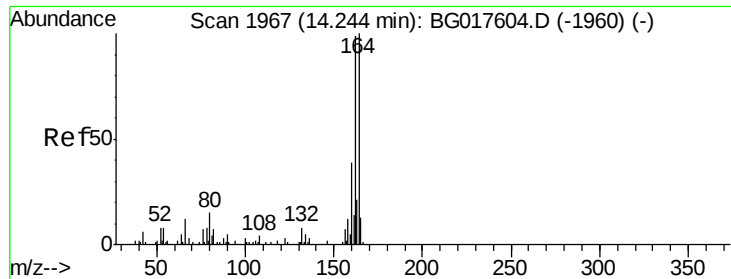
93 46.9 35.5 53.3

121 52.1 22.6 34.0#



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: 14.24 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

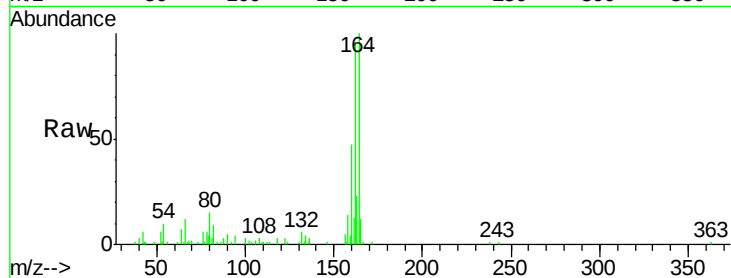
Tgt Ion:164 Resp: 42063

Ion Ratio Lower Upper

164 100

162 96.2 79.0 118.4

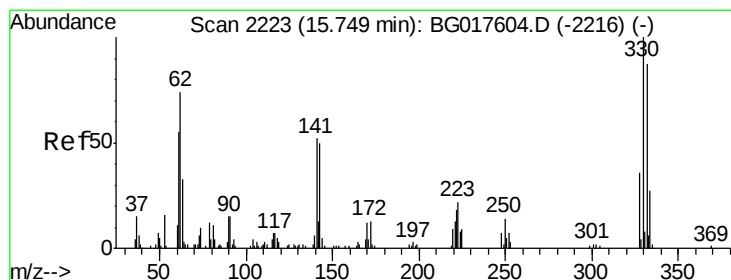
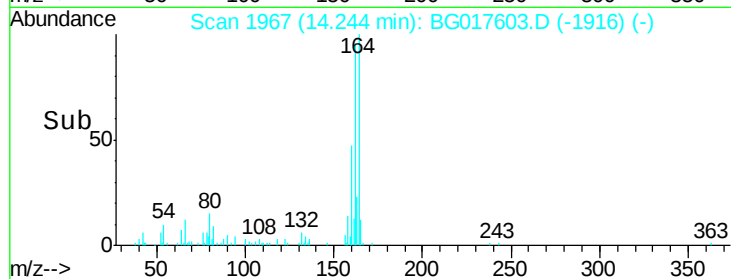
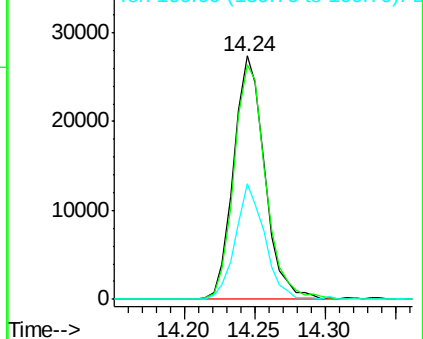
160 47.3 31.5 47.3



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: 83.27 ng

RT: 15.75 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

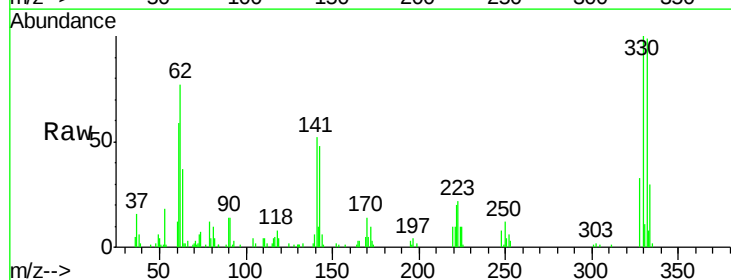
Tgt Ion:330 Resp: 24308

Ion Ratio Lower Upper

330 100

332 104.1 71.3 106.9

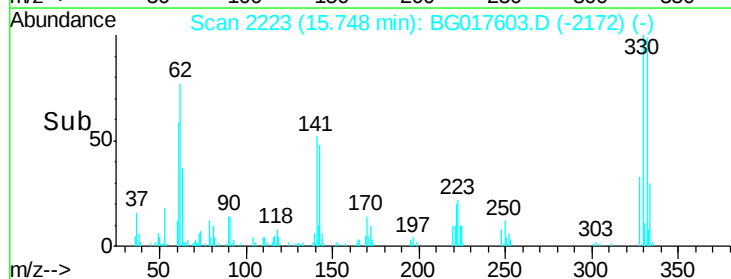
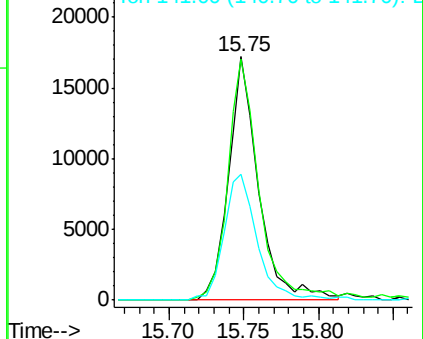
141 55.8 44.8 67.2

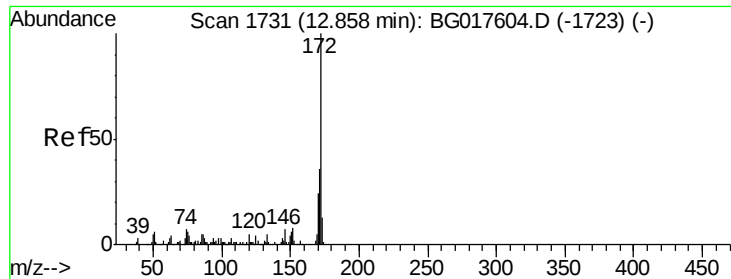


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#9

2-Fluorobiphenyl

Concen: 51.59 ng

RT: 12.86 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

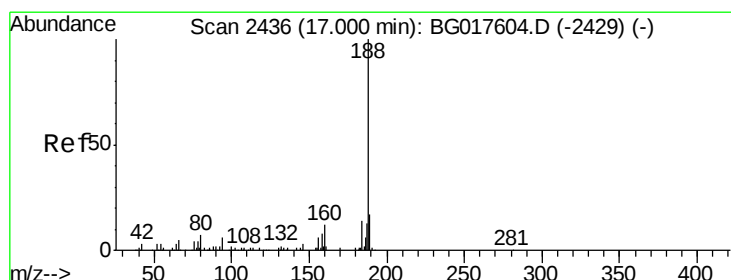
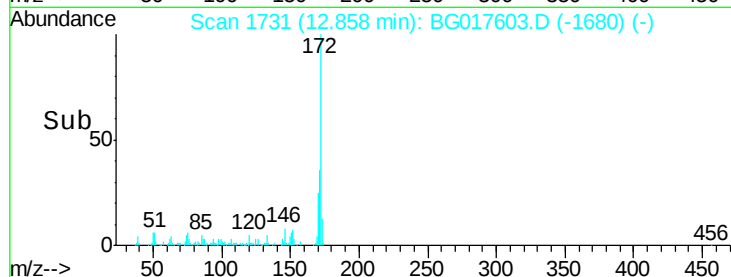
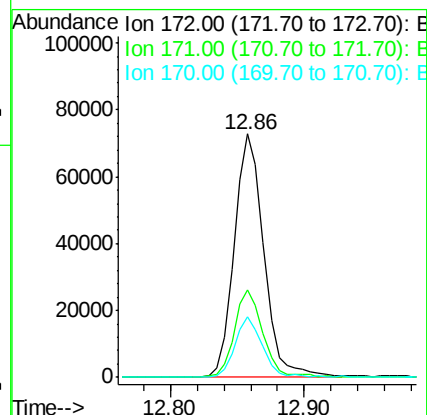
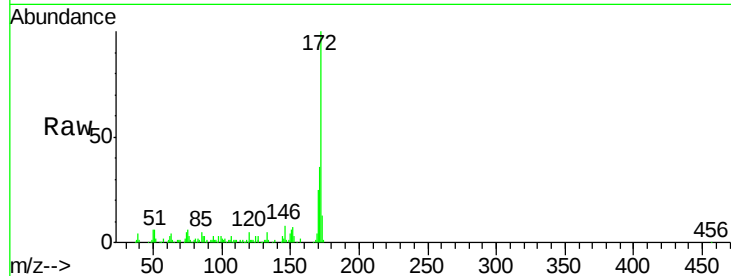
Tgt Ion:172 Resp: 113033

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.8 19.4 29.0



#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG017603.D

Acq: 10 Jun 2015 16:40

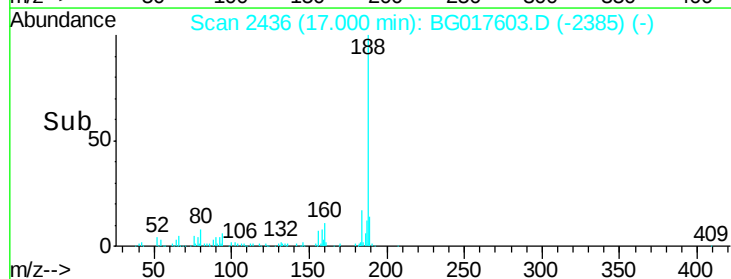
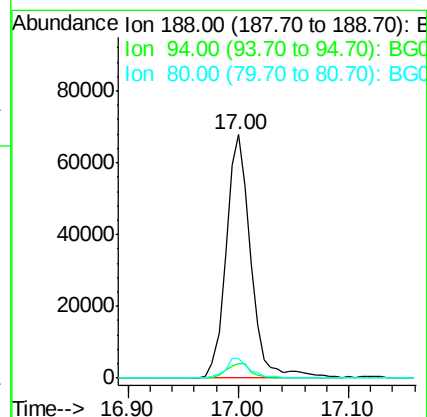
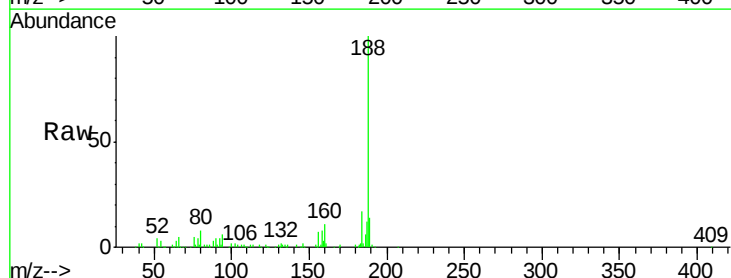
Tgt Ion:188 Resp: 105649

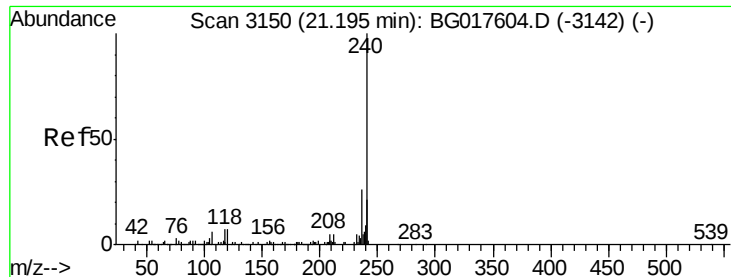
Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.6

80 8.3 5.3 7.9#

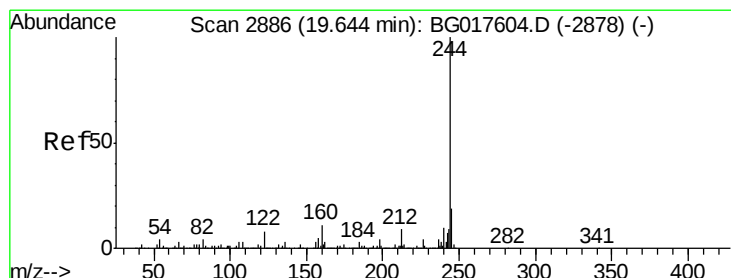
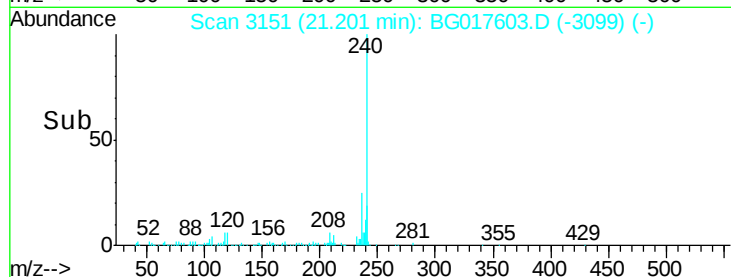
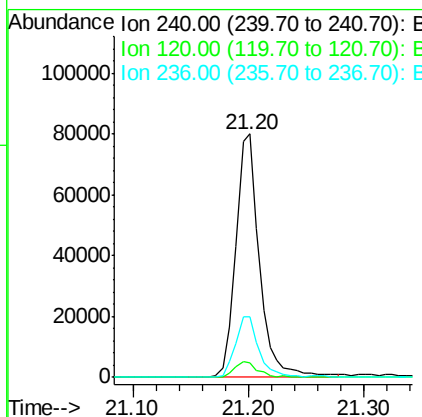
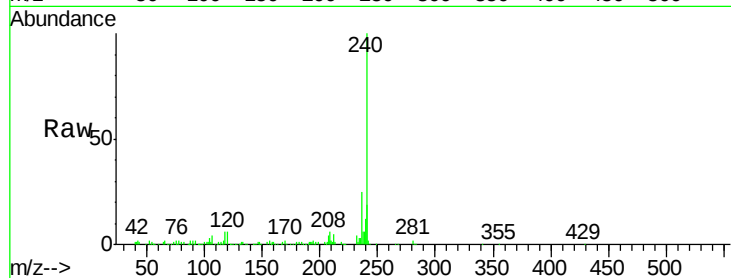




#11
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG017603.D
Acq: 10 Jun 2015 16:40

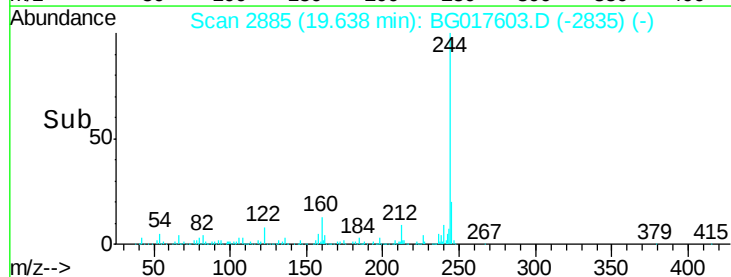
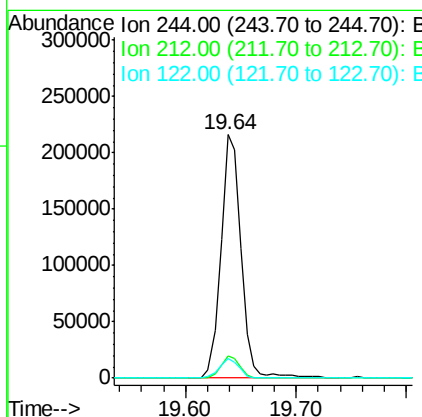
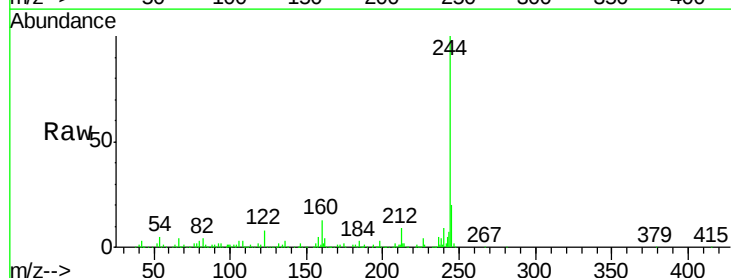
Instrument :
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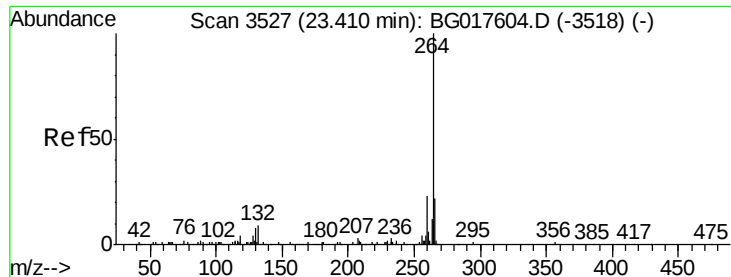
Tgt Ion:240 Resp: 113744
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 24.9 20.6 31.0



#12
Terphenyl-d14
Concen: 63.11 ng
RT: 19.64 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG017603.D
Acq: 10 Jun 2015 16:40

Tgt Ion:244 Resp: 276415
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 8.2 6.0 9.0





#13
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG017603.D
Acq: 10 Jun 2015 16:40

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	19.1	17.6	26.4

