

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017702.D
 Acq On : 15 Jun 2015 23:35
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 16 09:05:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG061015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:41:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16092	20.00	ng	-0.05
4) Naphthalene-d8	10.32	136	57891	20.00	ng	-0.05
7) Acenaphthene-d10	14.20	164	45885	20.00	ng	-0.04
10) Phenanthrene-d10	16.96	188	138693	20.00	ng	-0.04
11) Chrysene-d12	21.16	240	217272	20.00	ng	-0.03
13) Perylene-d12	23.36	264	210327	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	5.11	112	111168	136.89	ng	-0.05
3) Phenol-d6	6.73	99	154511	152.03	ng	-0.05
5) Nitrobenzene-d5	8.69	82	115117	109.32	ng	-0.05
8) 2,4,6-Tribromophenol	15.71	330	96432	173.29	ng	-0.04
9) 2-Fluorobiphenyl	12.82	172	269152	105.24	ng	-0.04
12) Terphenyl-d14	19.60	244	767752	71.03	ng	-0.04

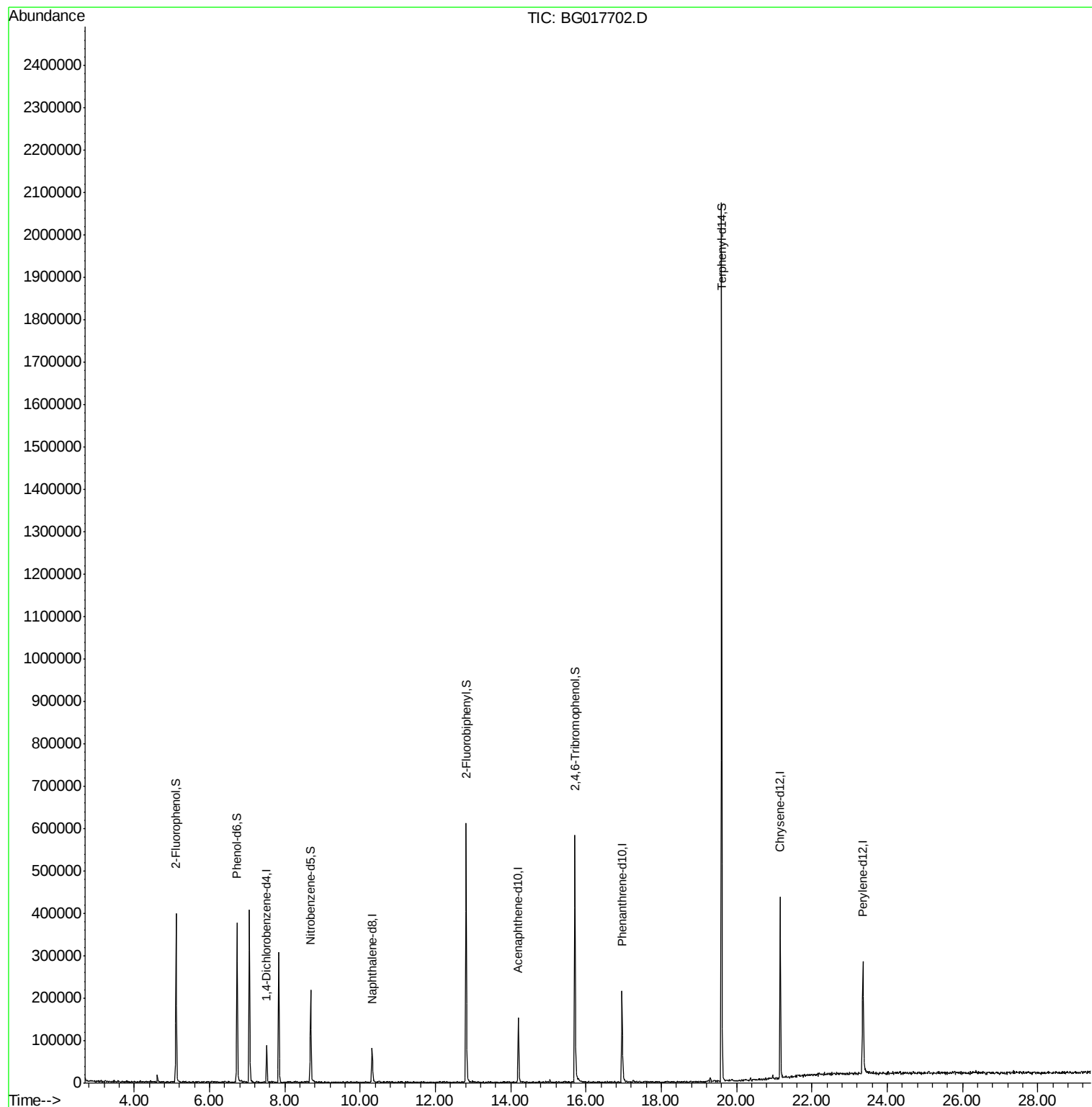
Target Compounds	Qvalue
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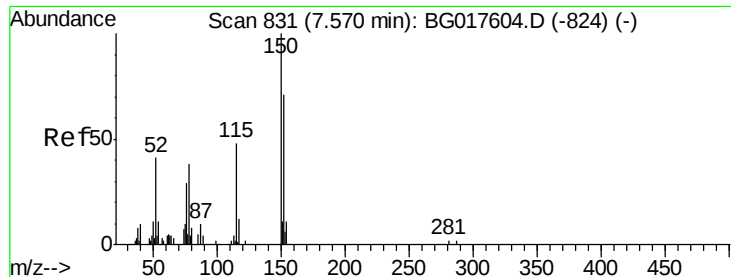
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 08:41:48 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 822

Delta R.T. -0.05 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

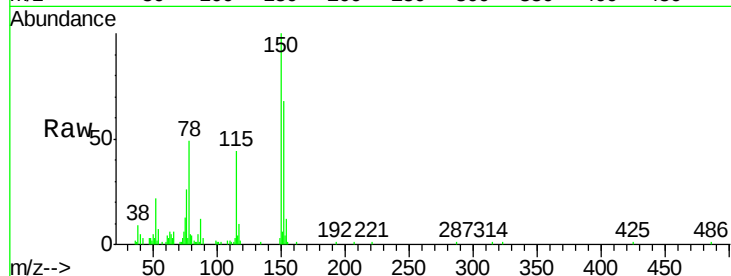
Tgt Ion:152 Resp: 16092

Ion Ratio Lower Upper

152 100

150 147.1 112.5 168.7

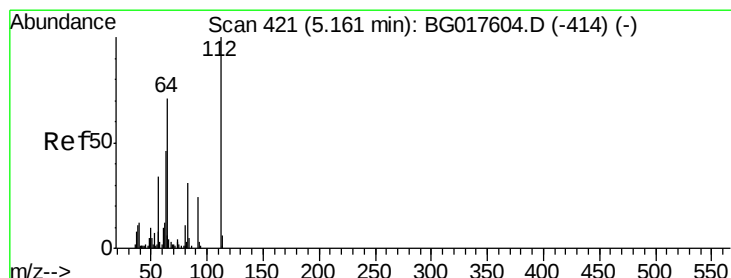
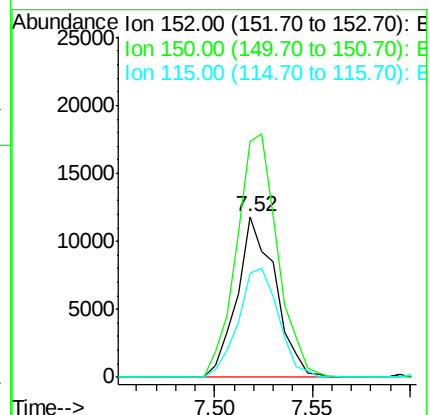
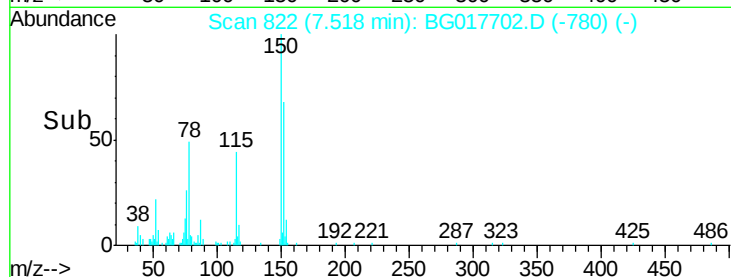
115 64.9 54.5 81.7



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: 136.89 ng

RT: 5.11 min Scan# 412

Delta R.T. -0.05 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

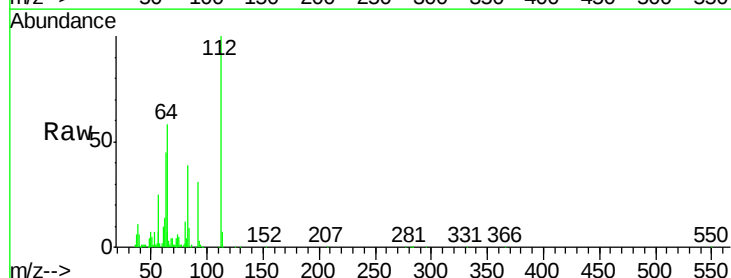
Tgt Ion:112 Resp: 111168

Ion Ratio Lower Upper

112 100

64 58.3 57.0 85.4

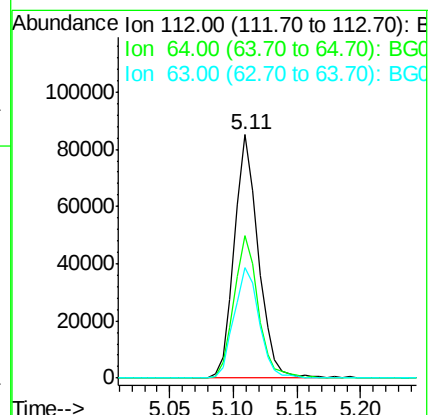
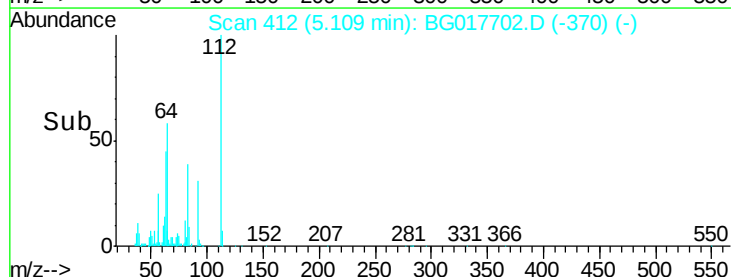
63 45.3 37.1 55.7

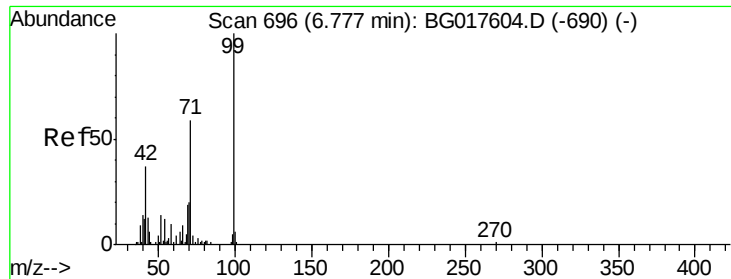


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#3

Phenol-d6

Concen: 152.03 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.05 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

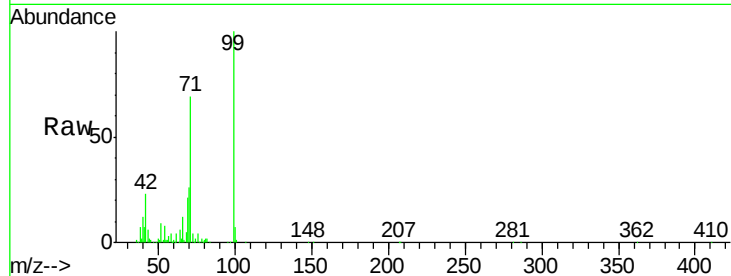
Tgt Ion: 99 Resp: 154511

Ion Ratio Lower Upper

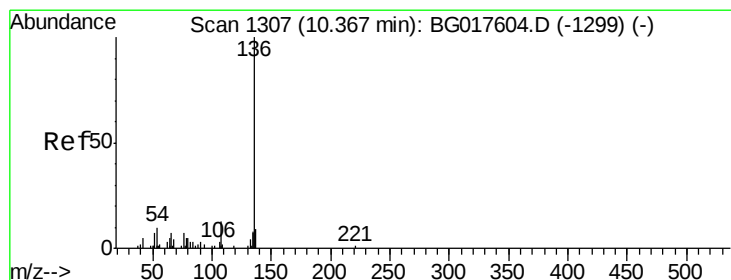
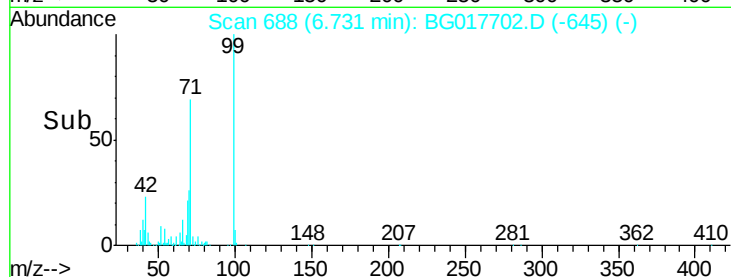
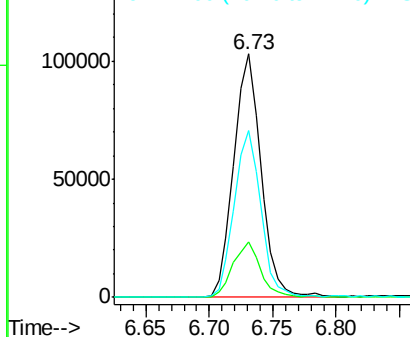
99 100

42 23.0 29.9 44.9#

71 68.7 47.3 70.9



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: 10.32 min Scan# 1299

Delta R.T. -0.05 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

Tgt Ion: 136 Resp: 57891

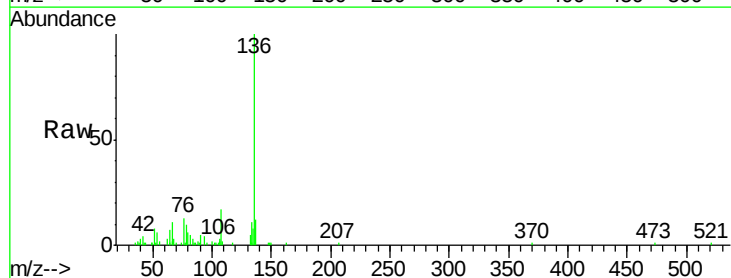
Ion Ratio Lower Upper

136 100

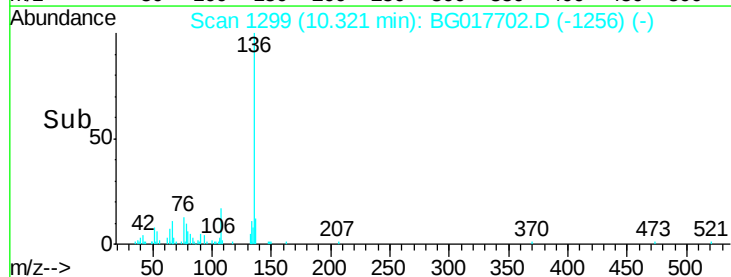
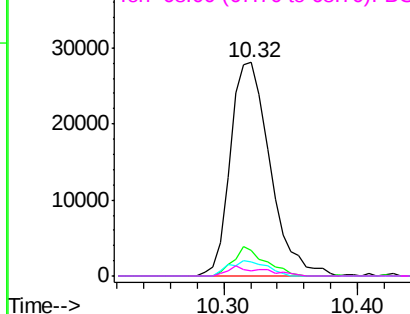
137 12.2 7.2 10.8#

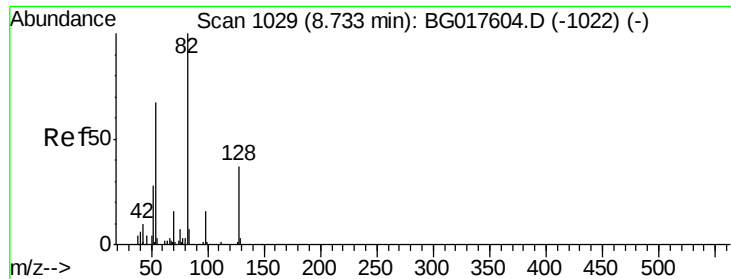
54 6.4 7.6 11.4#

68 2.7 3.0 4.6#



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: 109.32 ng

RT: 8.69 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

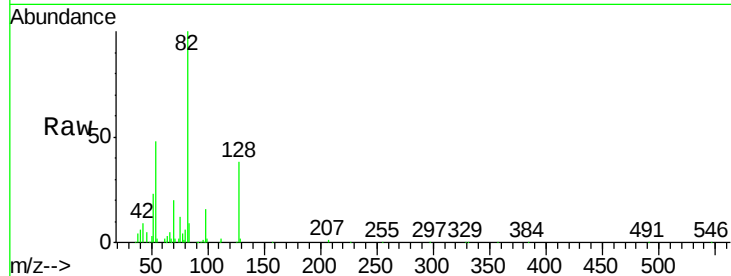
Tgt Ion: 82 Resp: 115117

Ion Ratio Lower Upper

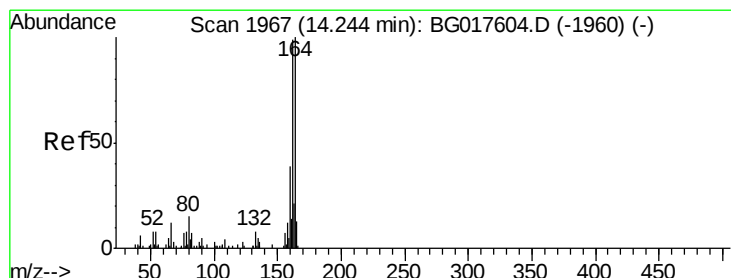
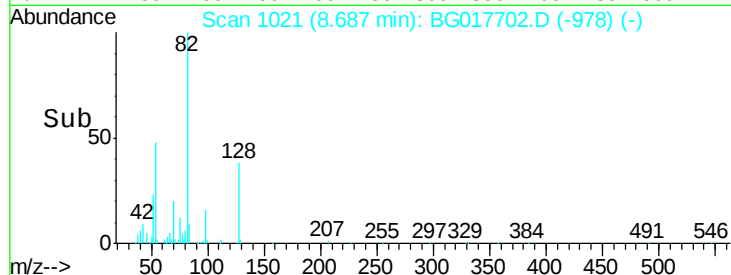
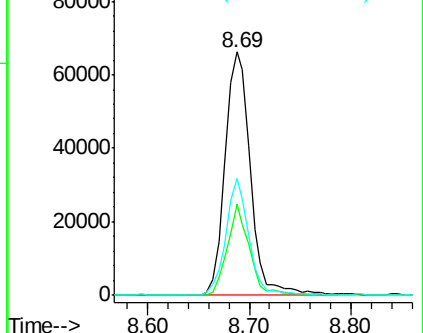
82 100

128 37.7 29.8 44.6

54 48.2 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



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

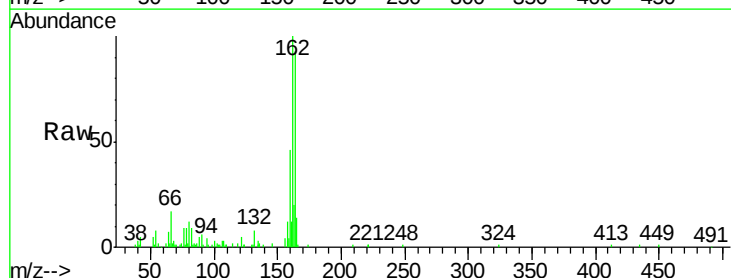
Tgt Ion: 164 Resp: 45885

Ion Ratio Lower Upper

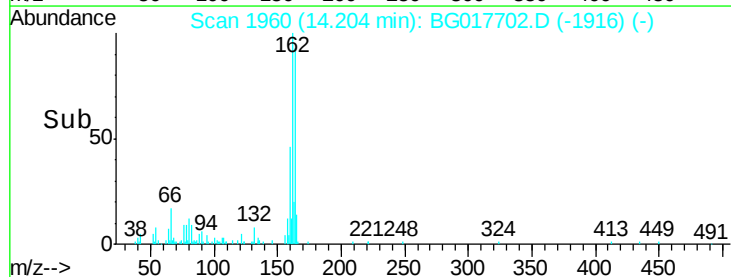
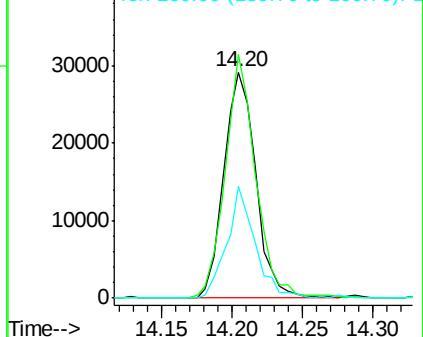
164 100

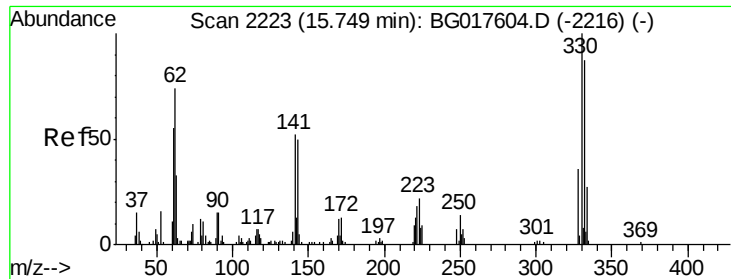
162 107.6 79.0 118.4

160 49.2 31.5 47.3#



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: 173.29 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.04 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

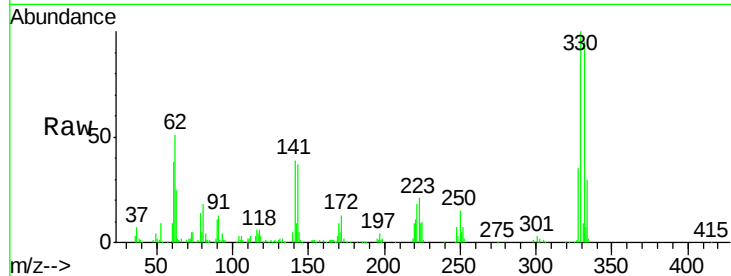
Tgt Ion:330 Resp: 96432

Ion Ratio Lower Upper

330 100

332 97.1 71.3 106.9

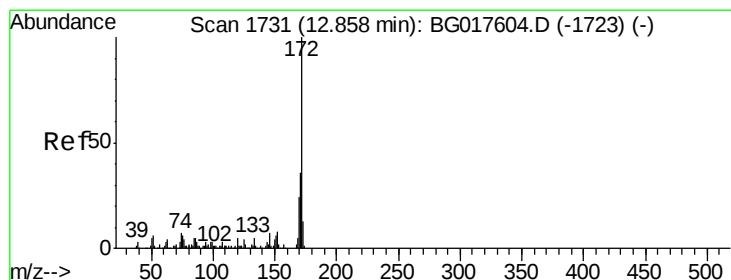
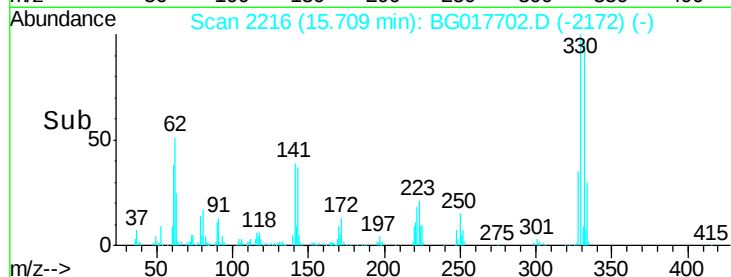
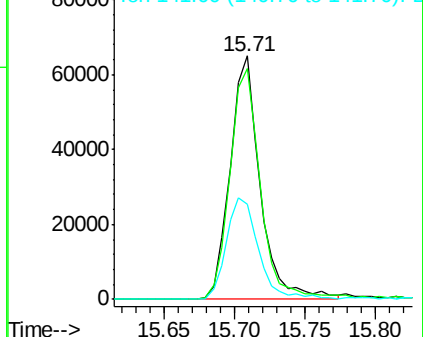
141 44.8 44.8 67.2#



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: 105.24 ng

RT: 12.82 min Scan# 1724

Delta R.T. -0.04 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

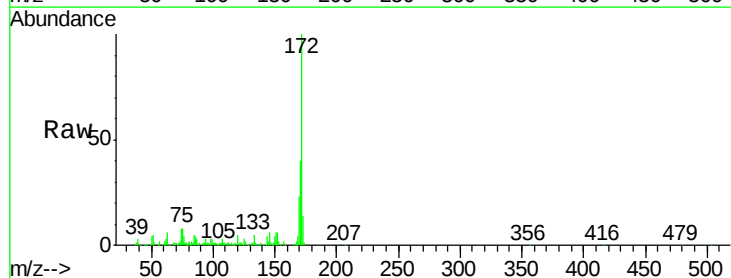
Tgt Ion:172 Resp: 269152

Ion Ratio Lower Upper

172 100

171 39.9 28.7 43.1

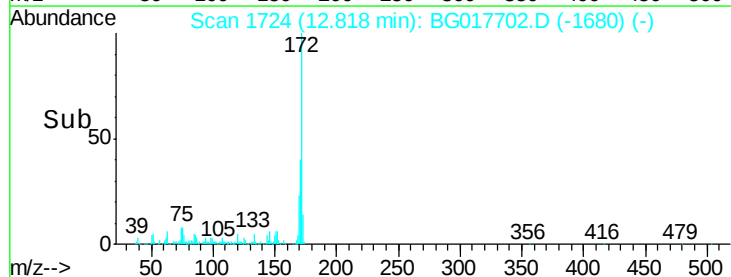
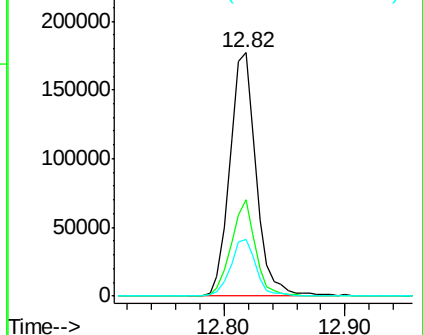
170 23.4 19.4 29.0

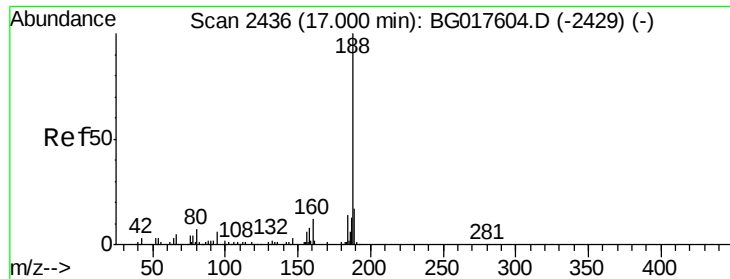


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

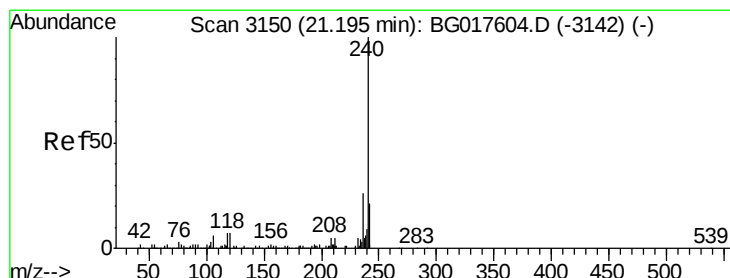
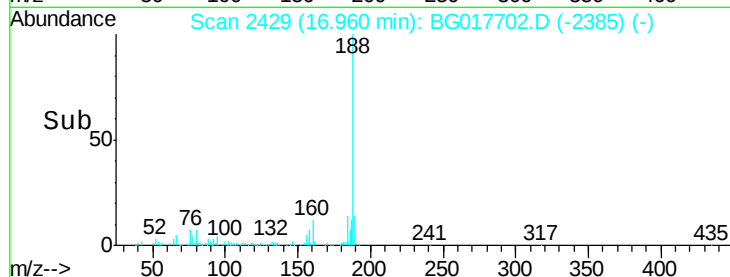
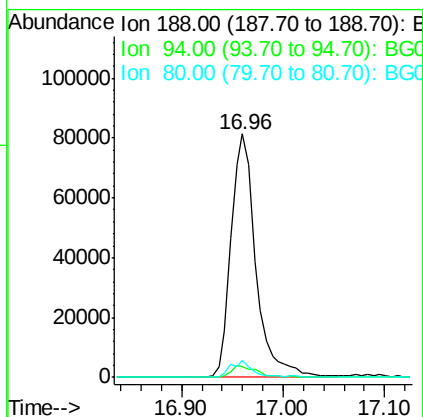
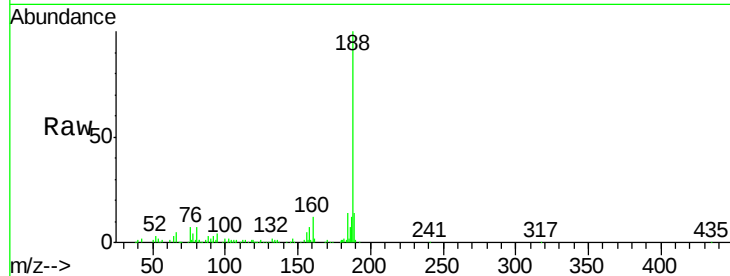




#10
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.04 min
Lab File: BG017702.D
Acq: 15 Jun 2015 23:35

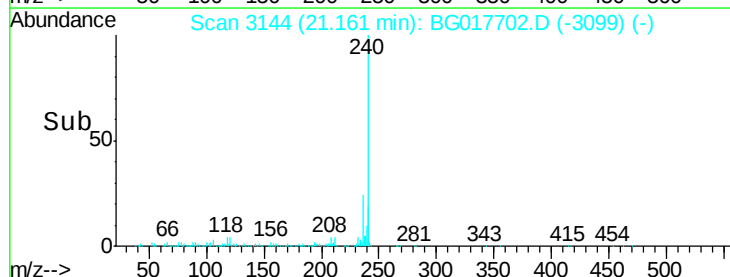
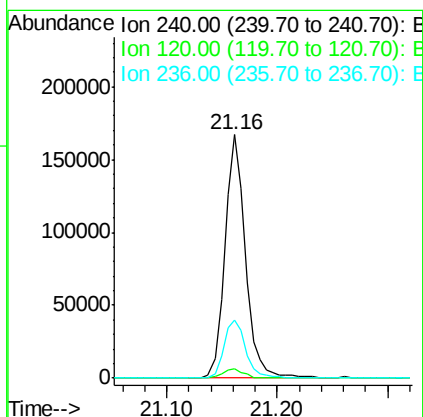
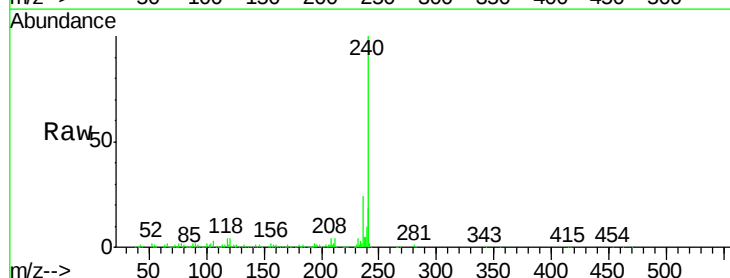
Instrument :
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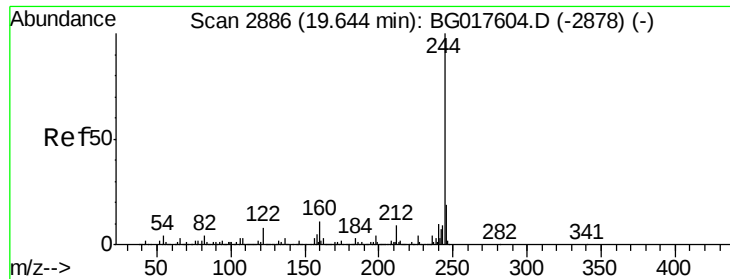
Tgt Ion:188 Resp: 138693
Ion Ratio Lower Upper
188 100
94 4.5 5.0 7.6#
80 7.3 5.3 7.9



#11
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG017702.D
Acq: 15 Jun 2015 23:35

Tgt Ion:240 Resp: 217272
Ion Ratio Lower Upper
240 100
120 4.1 5.4 8.0#
236 23.8 20.6 31.0





#12

Terphenyl-d14

Concen: 71.03 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.04 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

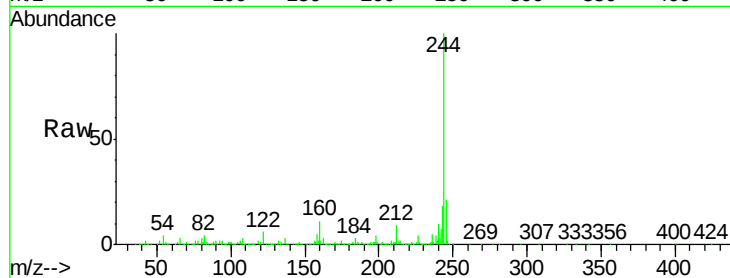
Tgt Ion:244 Resp: 767752

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

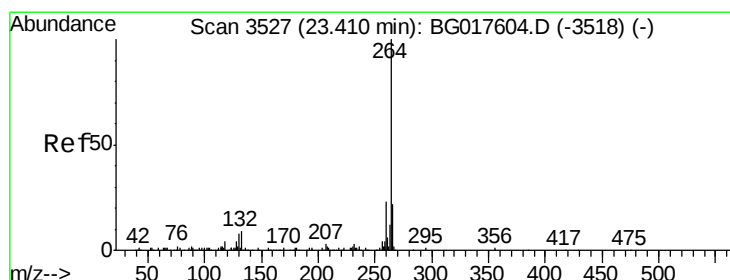
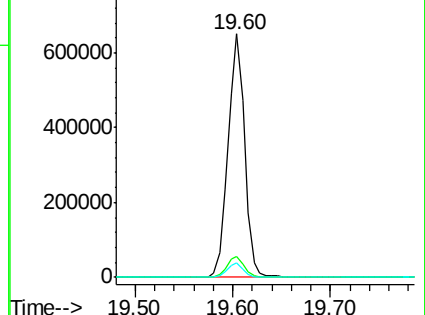
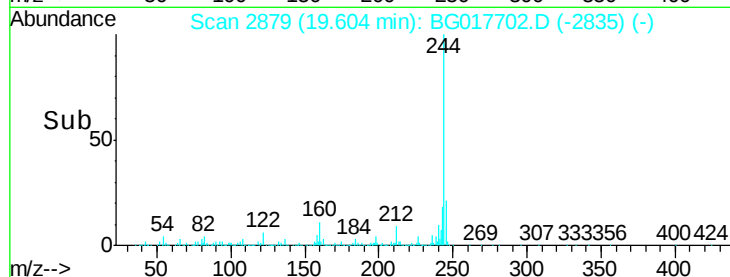
122 6.0 6.0 9.0



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: 23.36 min Scan# 3518

Delta R.T. -0.05 min

Lab File: BG017702.D

Acq: 15 Jun 2015 23:35

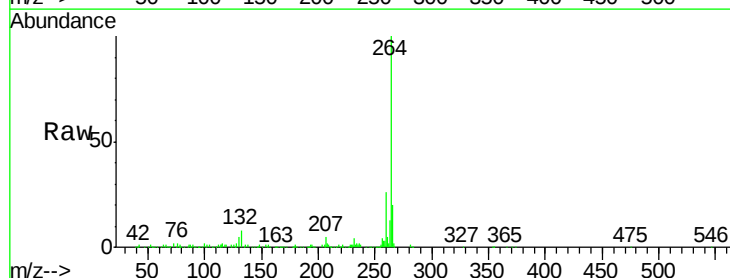
Tgt Ion:264 Resp: 210327

Ion Ratio Lower Upper

264 100

260 26.2 18.6 27.8

265 20.0 17.6 26.4



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

