

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052615\
 Data File : BG017289.D
 Acq On : 26 May 2015 22:08
 Operator : TP/IZ
 Sample : G2374-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9804

Quant Time: May 27 04:21:36 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

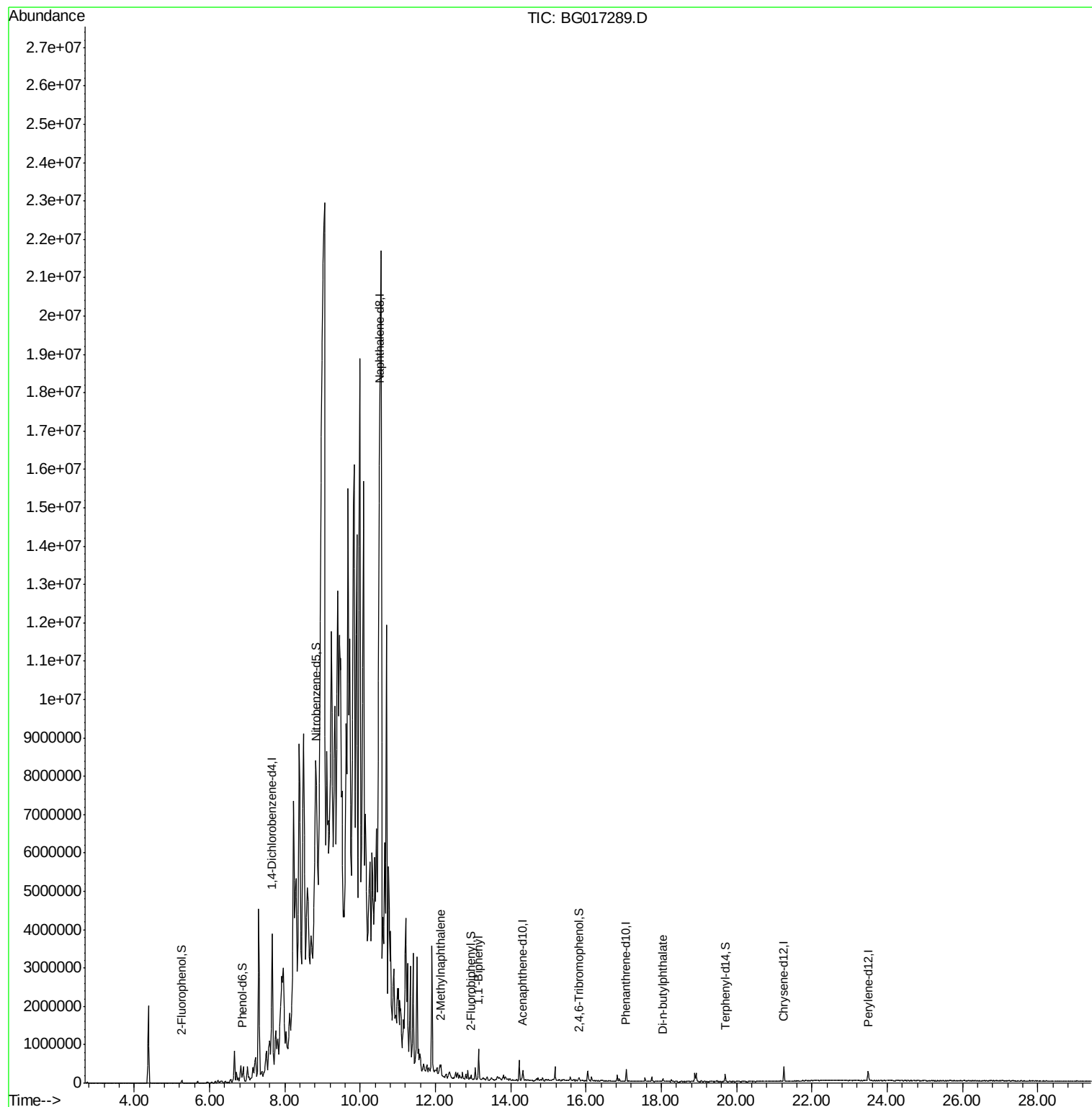
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	34968	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	223610	20.00	ng	0.05
38) Acenaphthene-d10	14.32	164	80192	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	165412	20.00	ng	0.00
75) Chrysene-d12	21.25	240	178558	20.00	ng	0.00
86) Perylene-d12	23.50	264	175009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	27636	14.02	ng	0.00
7) Phenol-d6	6.87	99	49861	18.03	ng	0.00
23) Nitrobenzene-d5	8.84	82	242163	50.56	ng	0.01
41) 2,4,6-Tribromophenol	15.81	330	13850	14.29	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	56443	10.33	ng	0.00
78) Terphenyl-d14	19.70	244	82620	9.64	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.15	142	135704	15.64	ng	96
45) 1,1'-Biphenyl	13.16	154	28367	4.91	ng	91
73) Di-n-butylphthalate	18.04	149	55707	5.24	ng	97

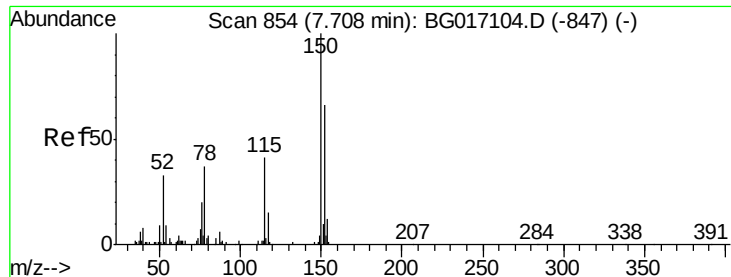
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 848

Delta R.T. 0.01 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

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LAR9804

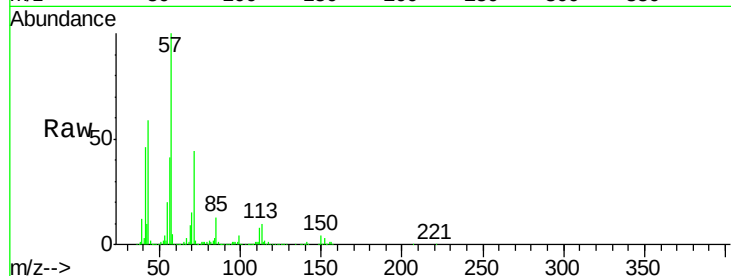
Tot Ion:152 Resp: 34968

Ion Ratio Lower Upper

152 100

150 158.3 120.8 181.2

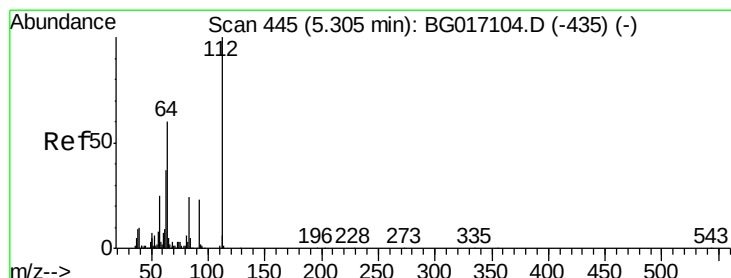
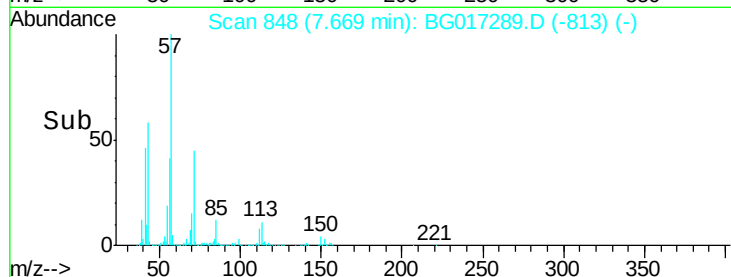
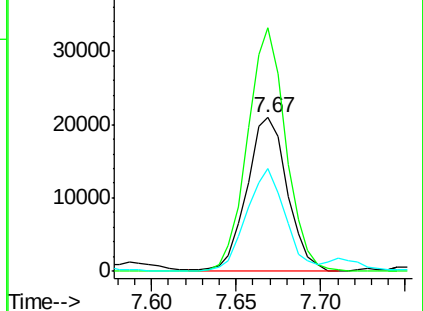
115 67.2 49.4 74.2



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



#5

2-Fluorophenol

Concen: 14.02 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

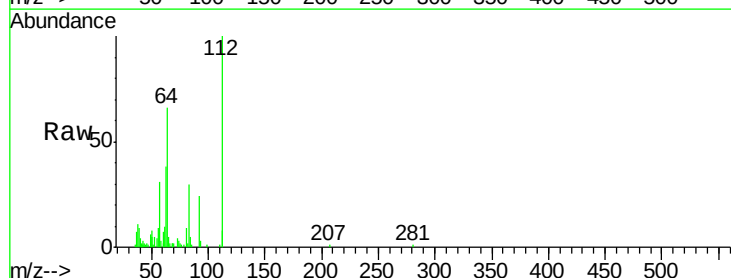
Tgt Ion:112 Resp: 27636

Ion Ratio Lower Upper

112 100

64 65.8 48.1 72.1

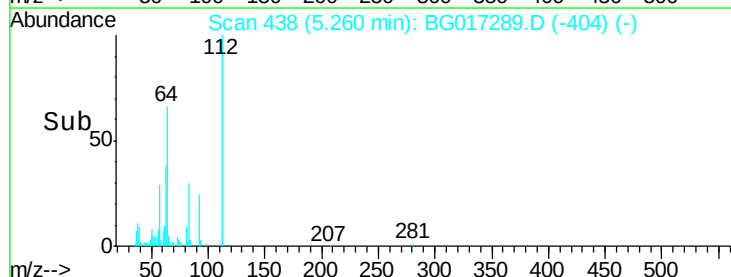
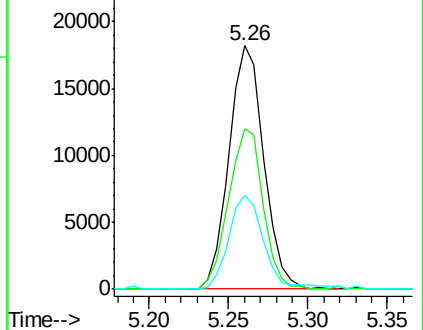
63 38.5 29.8 44.8

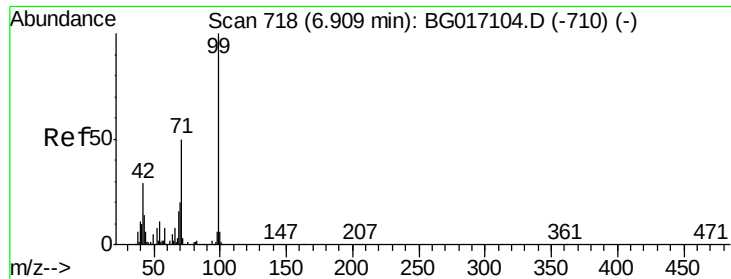


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 18.03 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

Instrument :

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ClientSampleId :

LAR9804

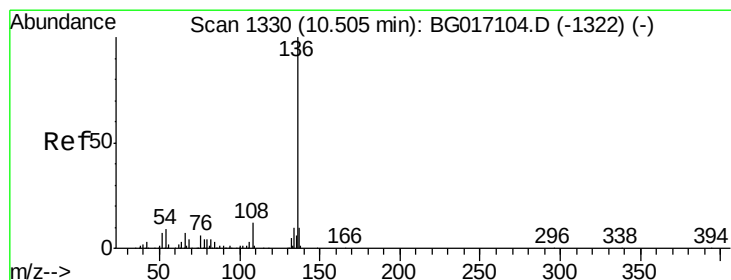
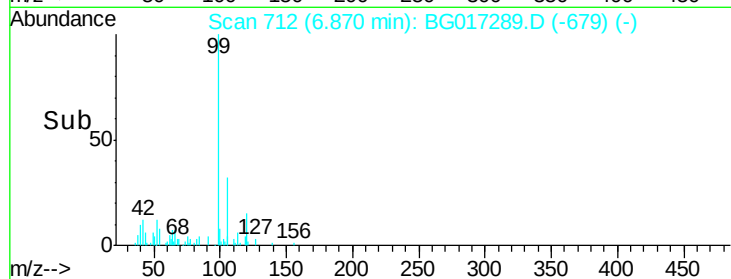
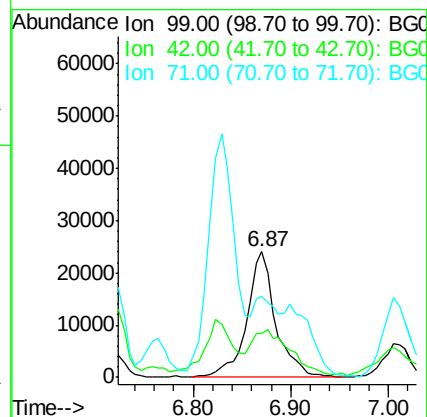
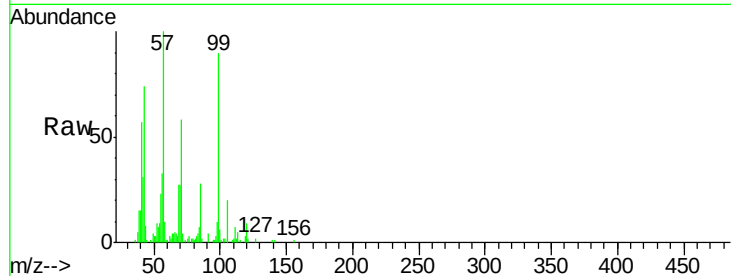
Tot Ion: 99 Resp: 49861

Ion Ratio Lower Upper

99 100

42 34.6 23.5 35.3

71 64.2 39.8 59.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1331

Delta R.T. 0.05 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

Tgt Ion: 136 Resp: 223610

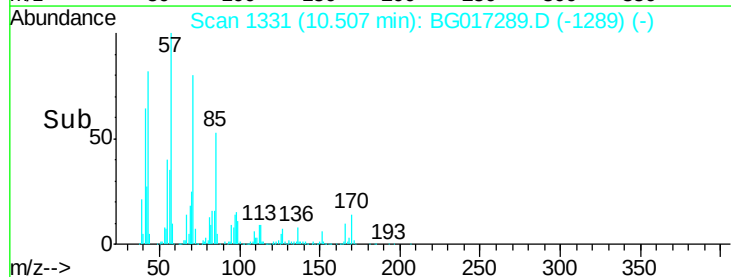
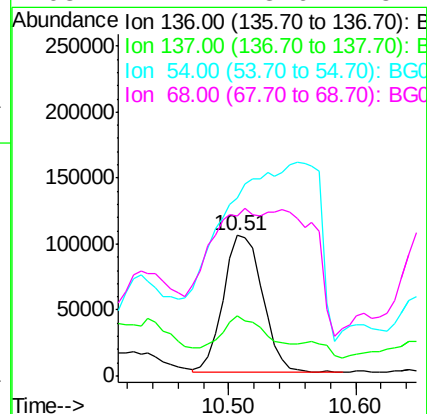
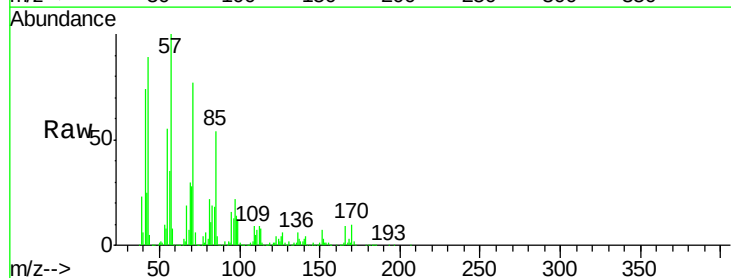
Ion Ratio Lower Upper

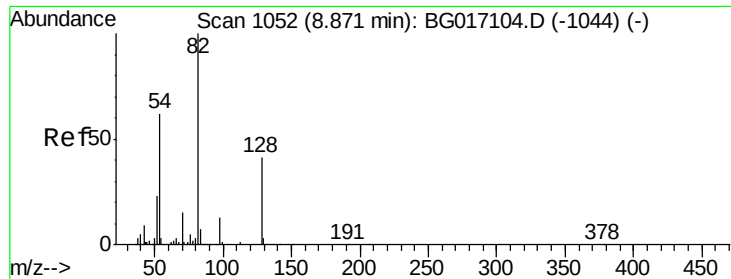
136 100

137 42.6 8.3 12.5#

54 126.6 7.4 11.2#

68 114.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 50.56 ng

RT: 8.84 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

Instrument :

BNA_G

ClientSampleId :

LAR9804

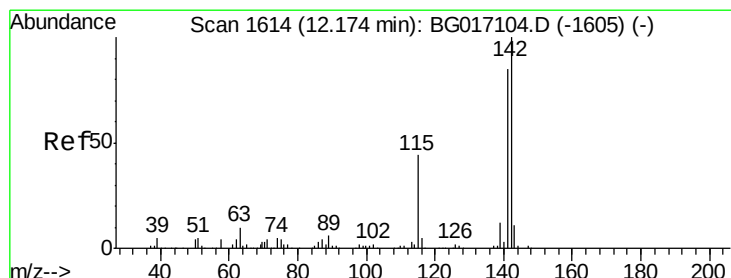
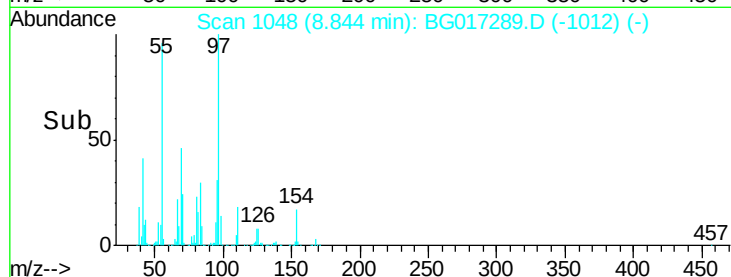
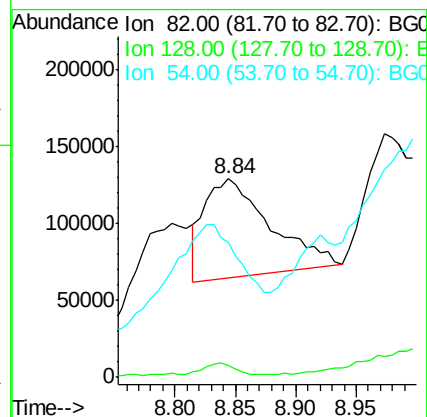
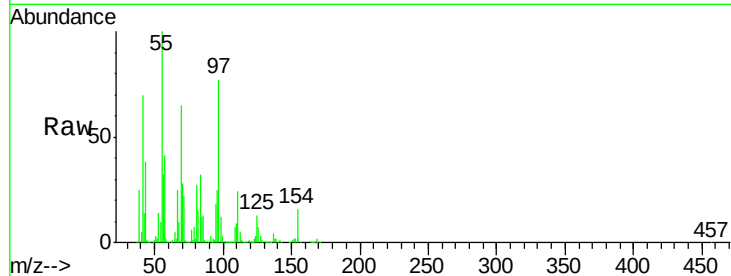
Tot Ion: 82 Resp: 242163

Ion Ratio Lower Upper

82 100

128 6.3 32.6 49.0#

54 67.8 49.6 74.4



#37

2-Methylnaphthalene

Concen: 15.64 ng

RT: 12.15 min Scan# 1610

Delta R.T. 0.02 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

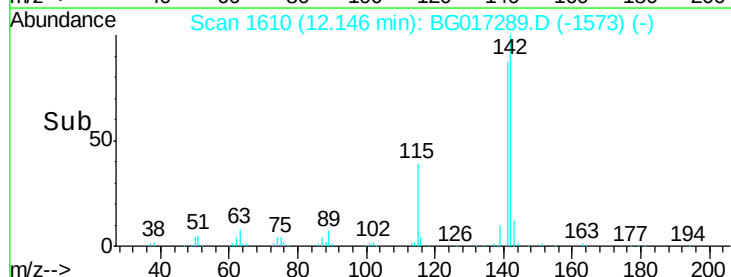
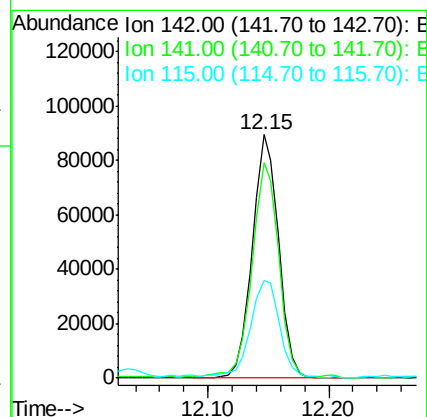
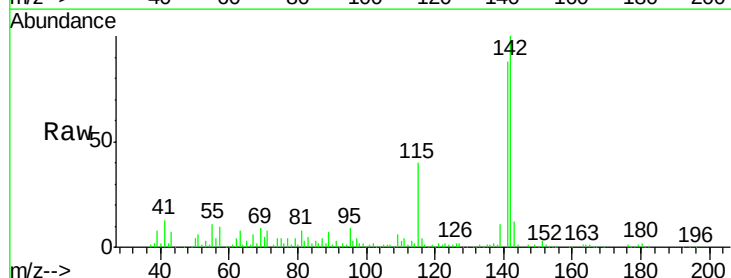
Tgt Ion: 142 Resp: 135704

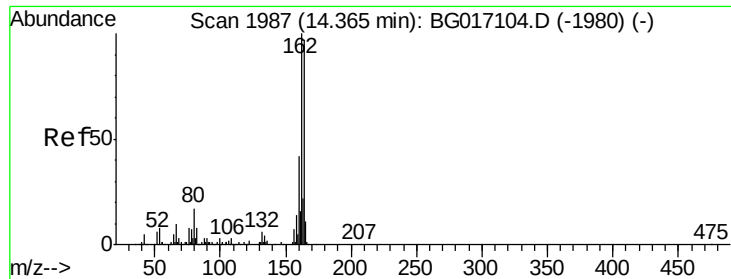
Ion Ratio Lower Upper

142 100

141 88.3 68.2 102.2

115 40.3 35.6 53.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

Instrument :

BNA_G

ClientSampleId :

LAR9804

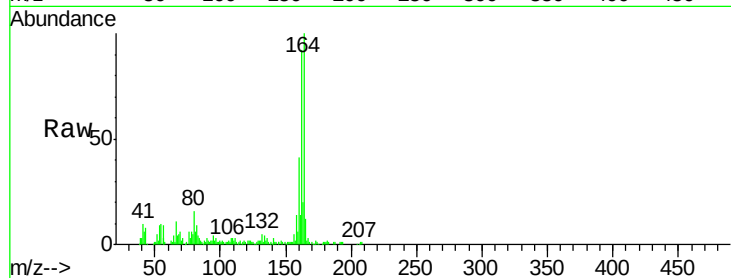
Tot Ion:164 Resp: 80192

Ion Ratio Lower Upper

164 100

162 91.8 82.1 123.1

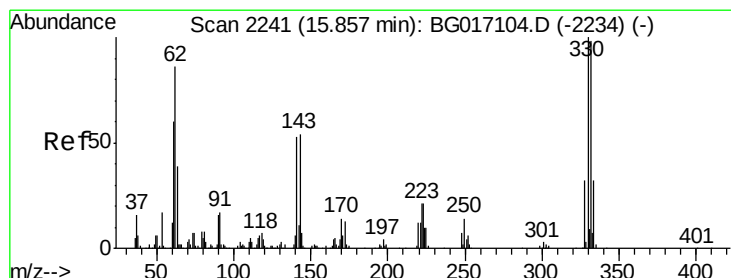
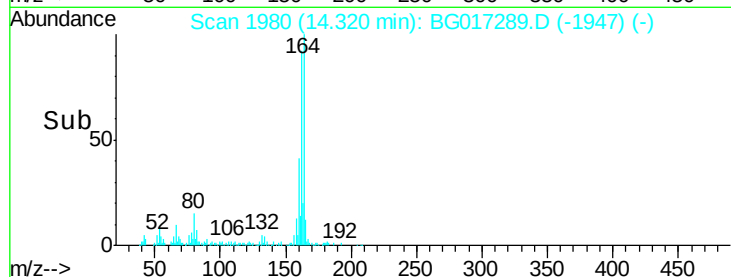
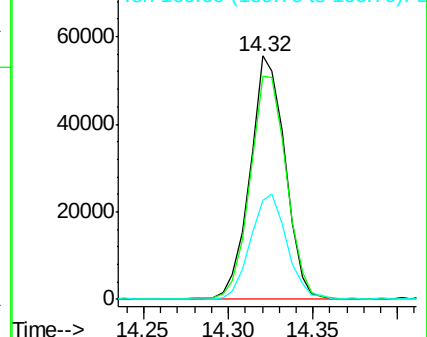
160 40.5 34.8 52.2



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



#41

2,4,6-Tribromophenol

Concen: 14.29 ng

RT: 15.81 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

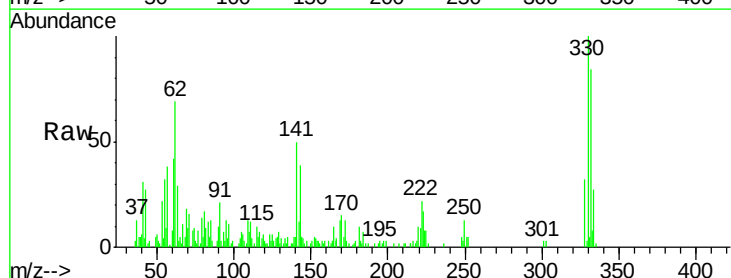
Tgt Ion:330 Resp: 13850

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

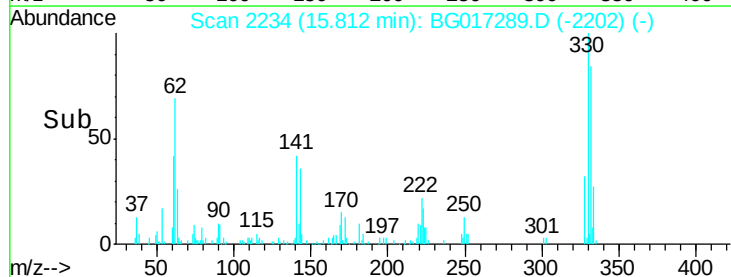
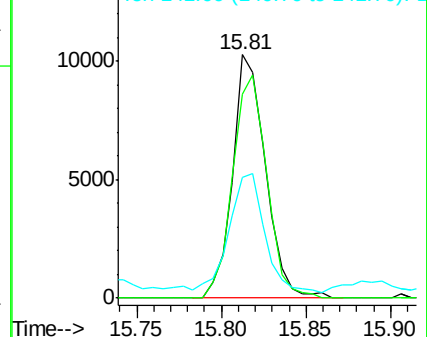
141 53.0 42.2 63.2

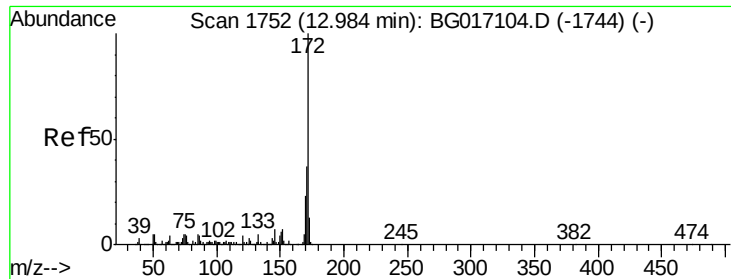


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

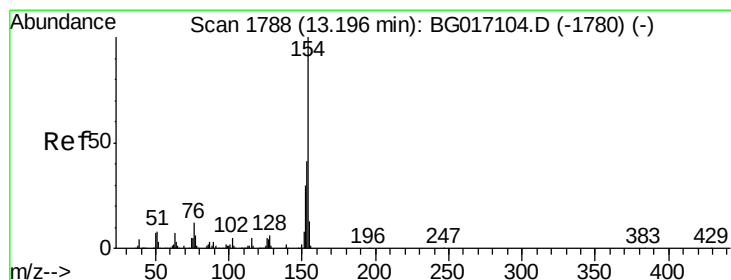
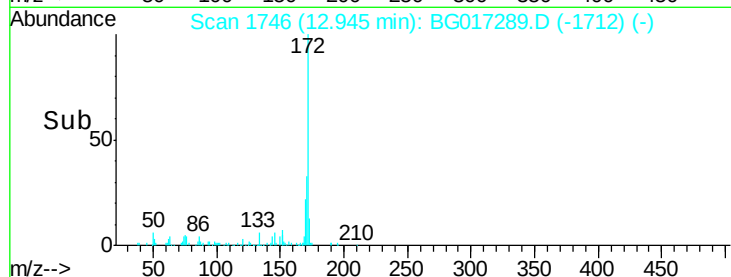
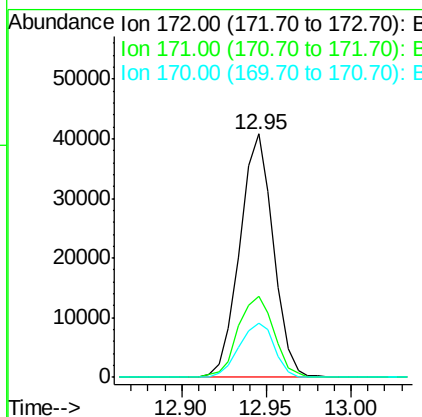
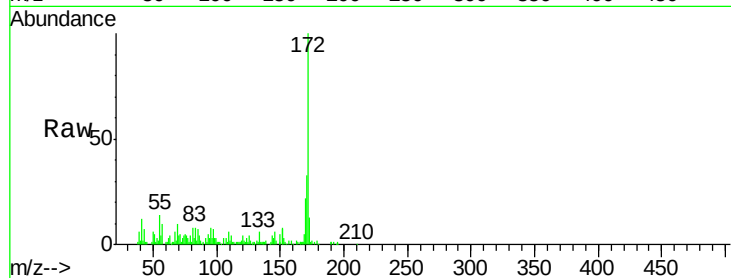




#44
2-Fluorobiphenyl
Concen: 10.33 ng
RT: 12.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

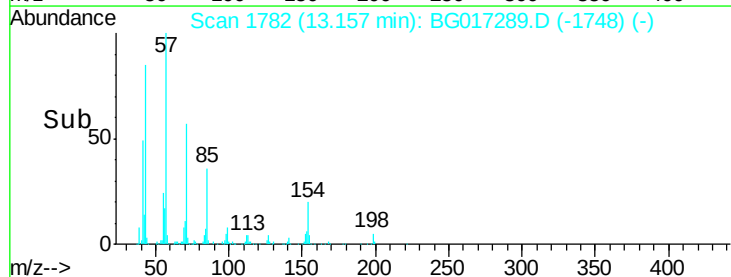
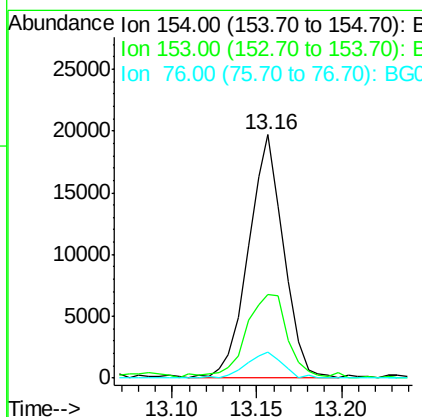
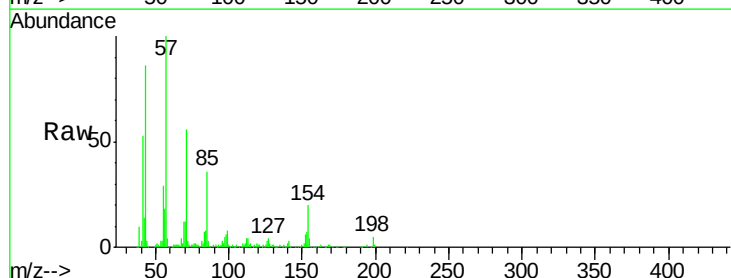
Instrument :
BNA_G
ClientSampleId :
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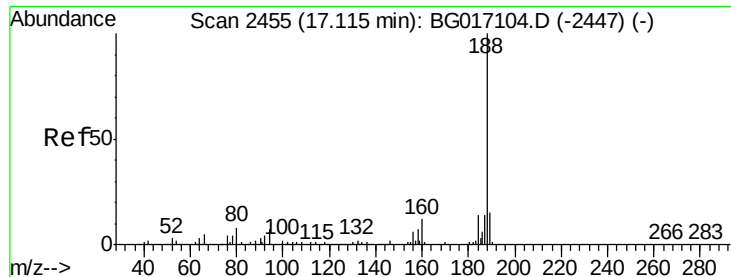
Tot Ion:172 Resp: 56443
Ion Ratio Lower Upper
172 100
171 33.5 29.7 44.5
170 22.2 18.4 27.6



#45
1,1'-Biphenyl
Concen: 4.91 ng
RT: 13.16 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Tgt Ion:154 Resp: 28367
Ion Ratio Lower Upper
154 100
153 34.4 21.5 61.5
76 10.9 0.0 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

Instrument :

BNA_G

ClientSampleId :

LAR9804

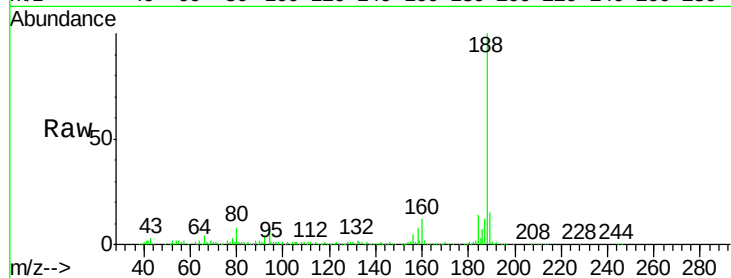
Tot Ion:188 Resp: 165412

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

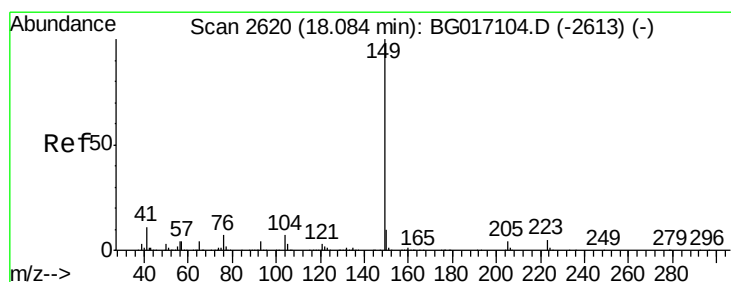
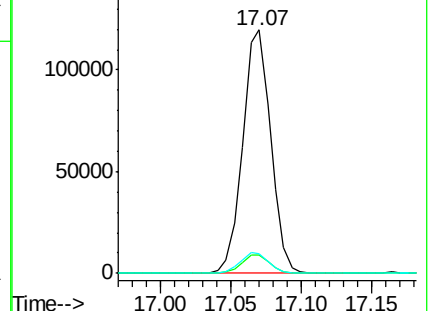
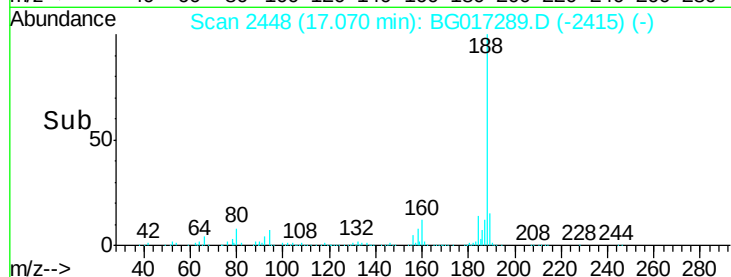
80 8.1 6.5 9.7



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



#73

Di-n-butylphthalate

Concen: 5.24 ng

RT: 18.04 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

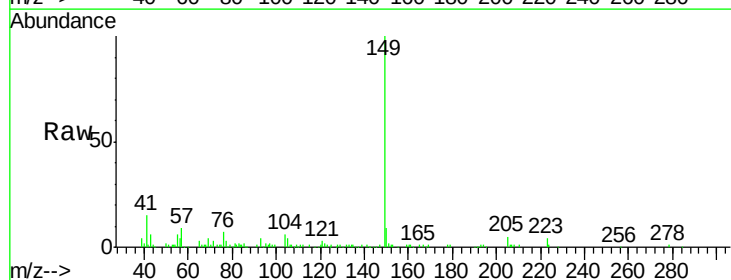
Tgt Ion:149 Resp: 55707

Ion Ratio Lower Upper

149 100

150 9.2 8.2 12.4

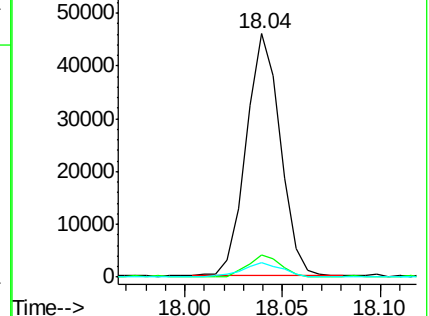
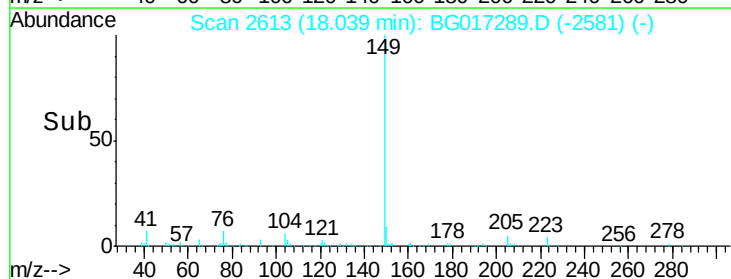
104 5.9 5.7 8.5

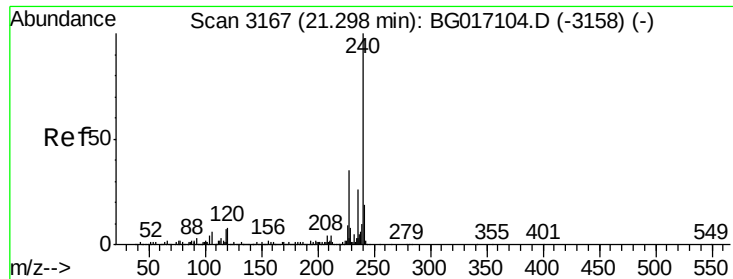


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

Instrument :

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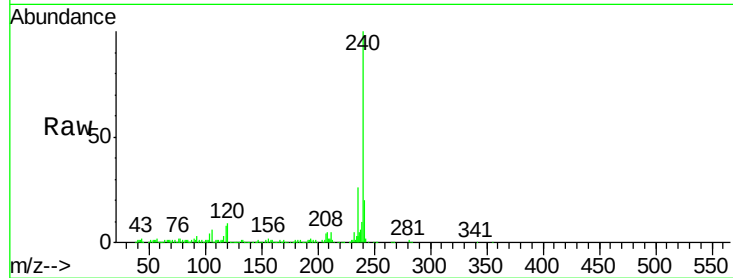
Tot Ion:240 Resp: 178558

Ion Ratio Lower Upper

240 100

120 8.7 6.0 9.0

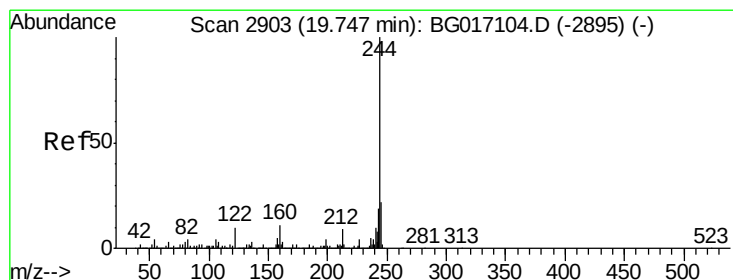
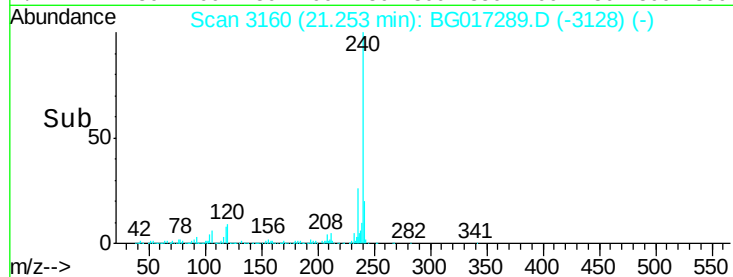
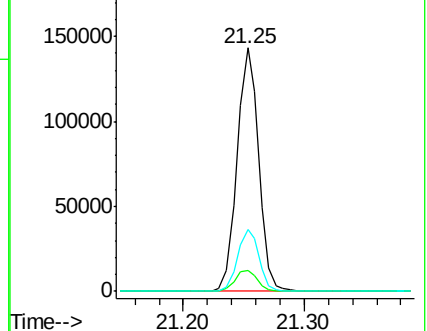
236 25.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 9.64 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017289.D

Acq: 26 May 2015 22:08

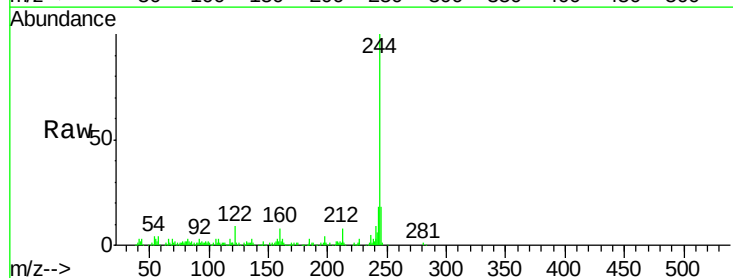
Tgt Ion:244 Resp: 82620

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

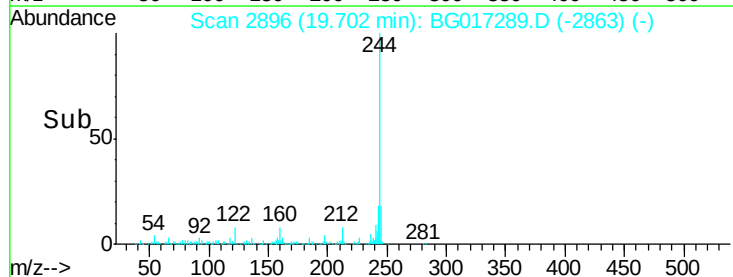
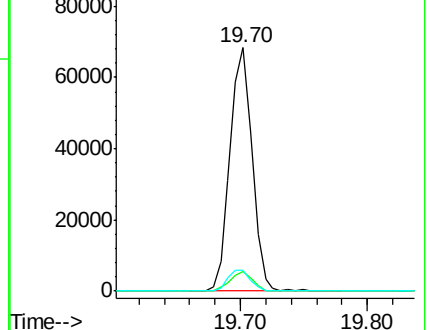
122 8.6 8.4 12.6

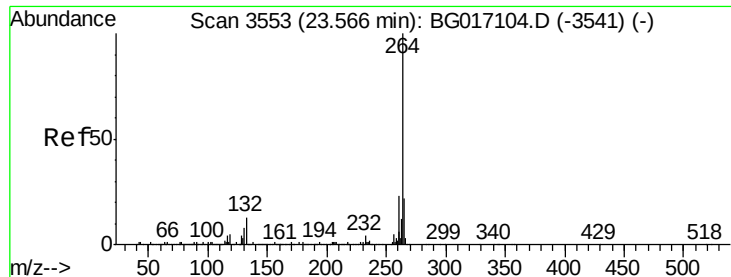


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG017289.D
Acq: 26 May 2015 22:08

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.0	27.0
265	20.7	17.4	26.0

