

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017249.D
 Acq On : 22 May 2015 16:40
 Operator : TP/IZ
 Sample : PB83443BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83443BL

Quant Time: May 23 00:58:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32330	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	132373	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	79588	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	178664	20.00	ng	0.00
75) Chrysene-d12	21.26	240	205112	20.00	ng	0.00
86) Perylene-d12	23.52	264	208137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	26662	14.63	ng	0.00
7) Phenol-d6	6.89	99	33957	13.28	ng	0.00
23) Nitrobenzene-d5	8.84	82	24334	8.58	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	10735	11.16	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	50045	9.23	ng	0.00
78) Terphenyl-d14	19.71	244	83244	8.46	ng	0.00

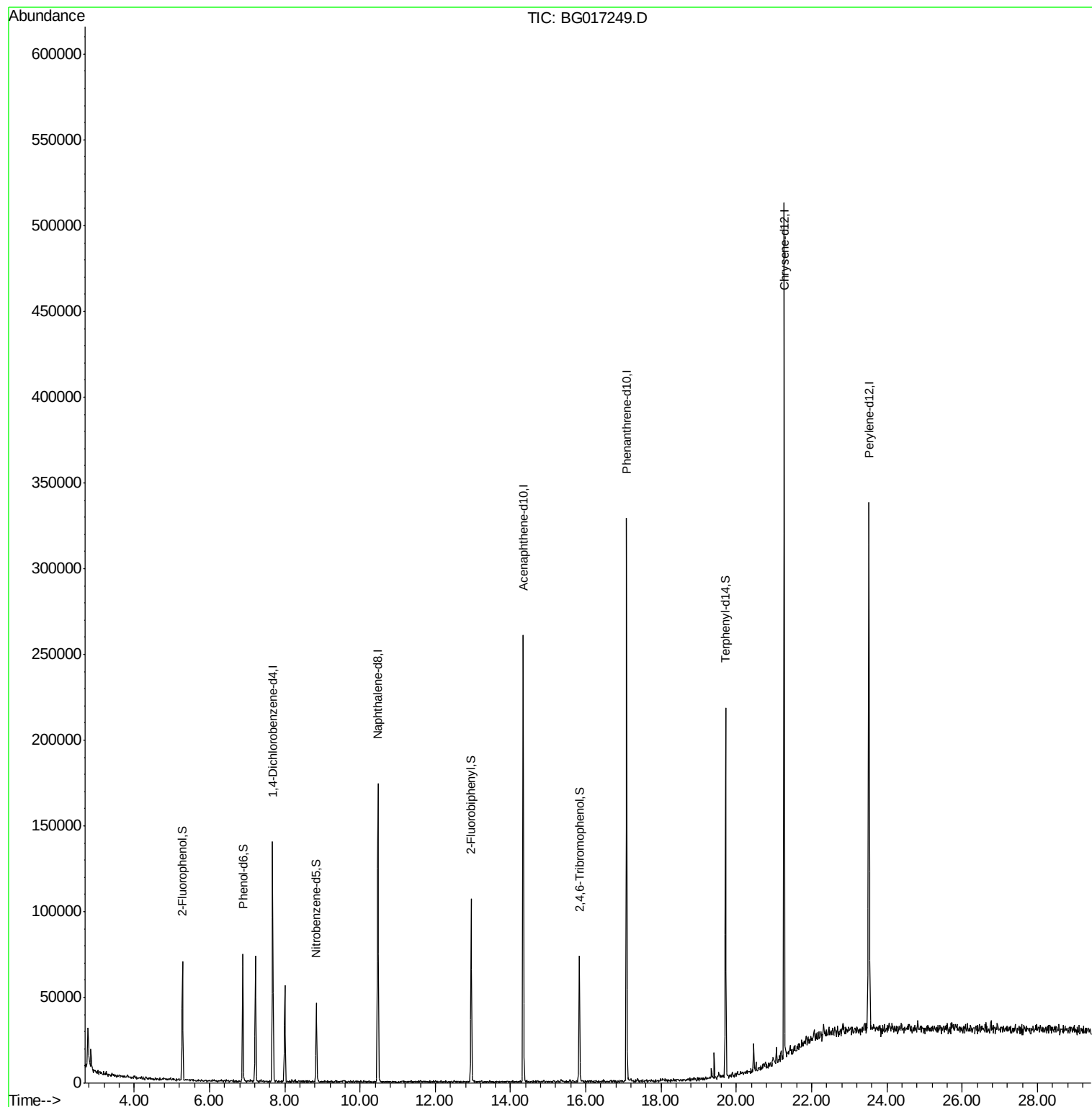
Target Compounds	Qvalue
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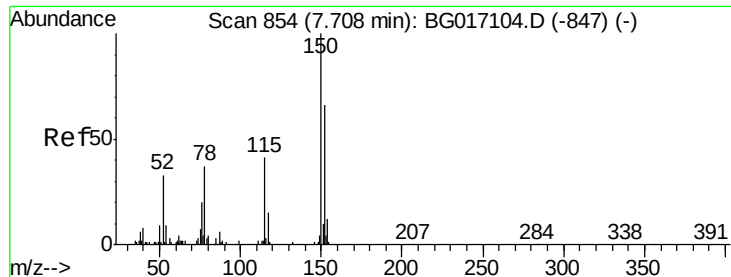
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG017249.D

Acq: 22 May 2015 16:40

Instrument :

BNA_G

ClientSampleId :

PB83443BL

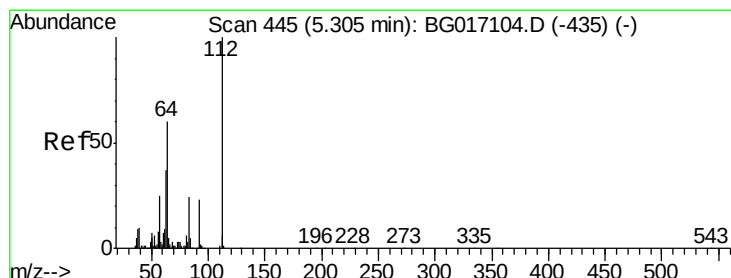
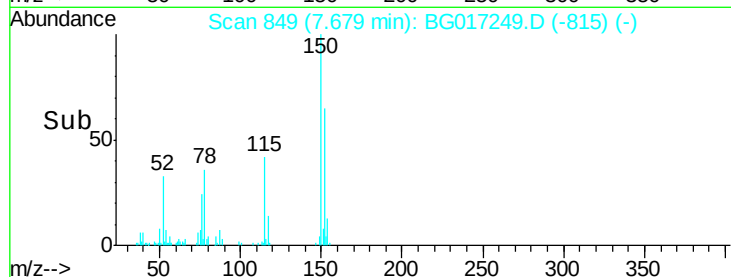
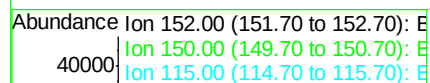
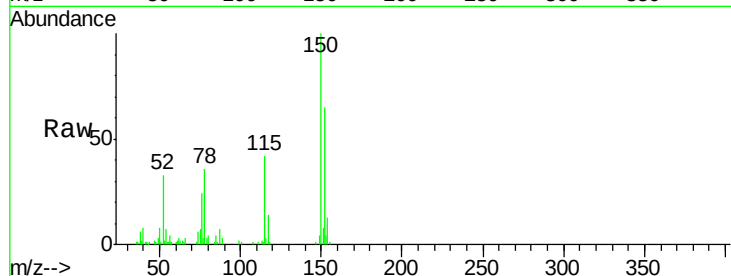
Tgt Ion:152 Resp: 32330

Ion Ratio Lower Upper

152 100

150 152.8 120.8 181.2

115 64.2 49.4 74.2



#5

2-Fluorophenol

Concen: 14.63 ng

RT: 5.28 min Scan# 440

Delta R.T. -0.00 min

Lab File: BG017249.D

Acq: 22 May 2015 16:40

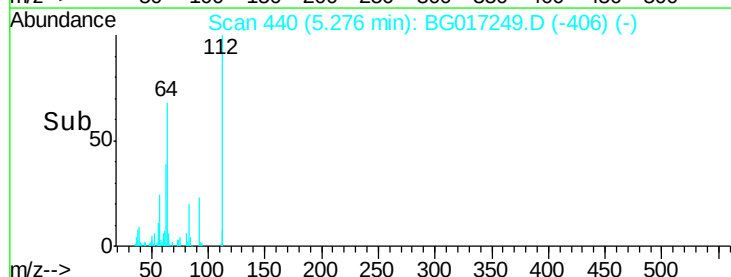
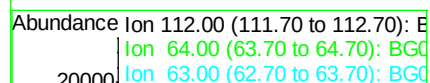
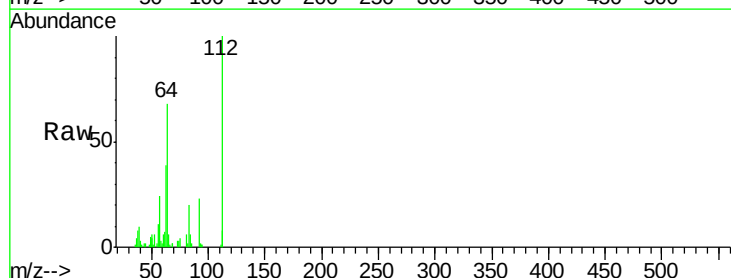
Tgt Ion:112 Resp: 26662

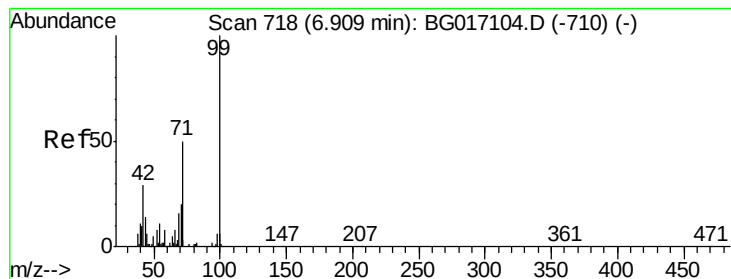
Ion Ratio Lower Upper

112 100

64 67.6 48.1 72.1

63 39.3 29.8 44.8





#7

Phenol-d6

Concen: 13.28 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017249.D

Acq: 22 May 2015 16:40

Instrument :

BNA_G

ClientSampleId :

PB83443BL

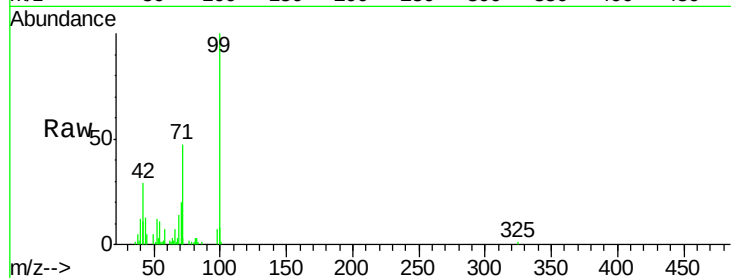
Tgt Ion: 99 Resp: 33957

Ion Ratio Lower Upper

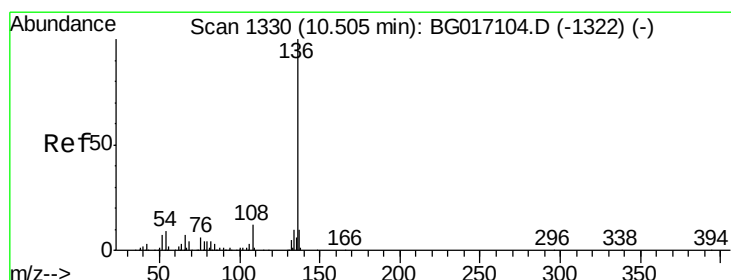
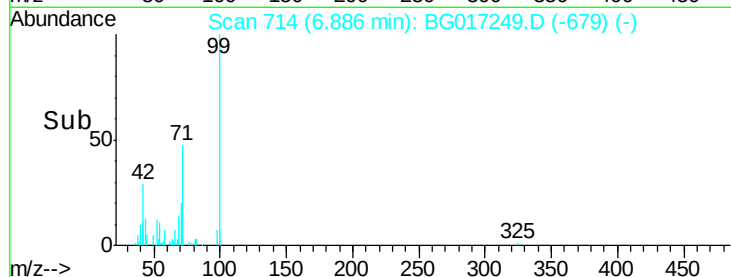
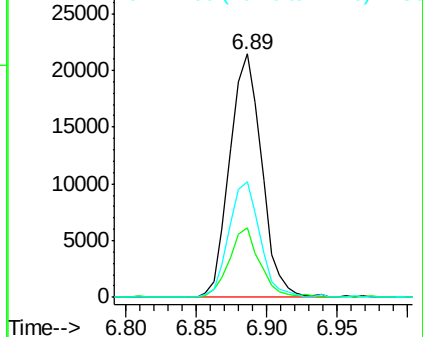
99 100

42 28.5 23.5 35.3

71 47.4 39.8 59.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG017249.D

Acq: 22 May 2015 16:40

Tgt Ion: 136 Resp: 132373

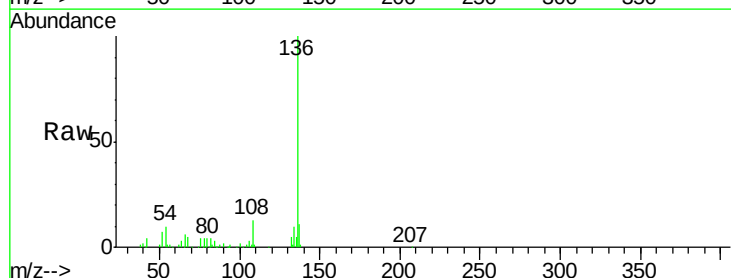
Ion Ratio Lower Upper

136 100

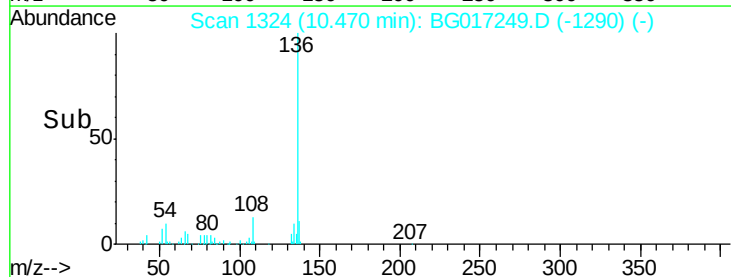
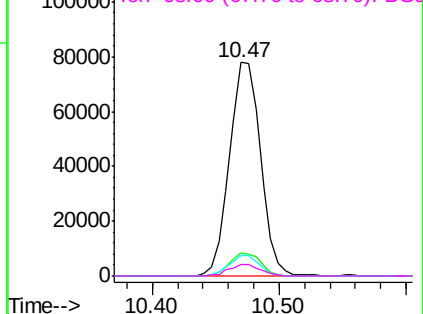
137 10.8 8.3 12.5

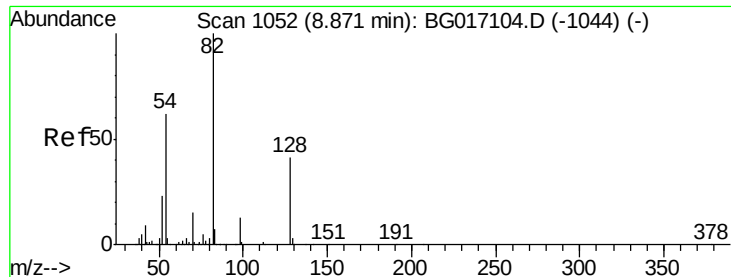
54 9.9 7.4 11.2

68 5.5 3.6 5.4#



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

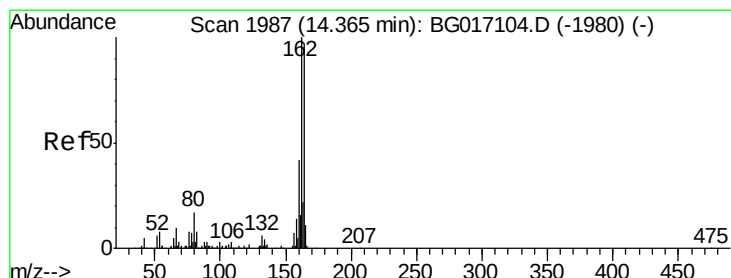
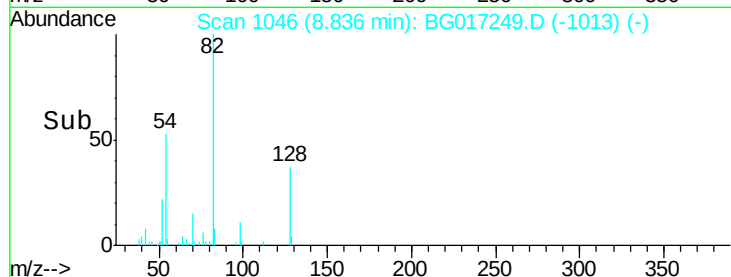
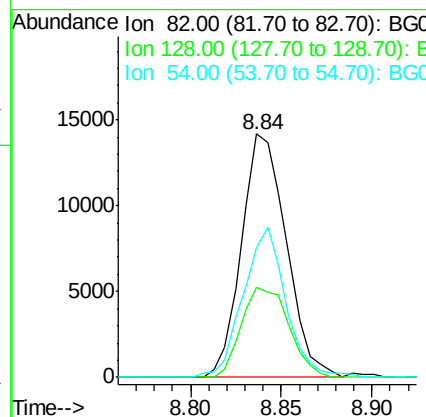
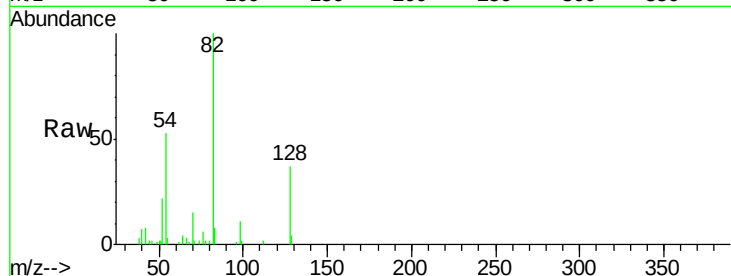




#23
 Nitrobenzene-d5
 Concen: 8.58 ng
 RT: 8.84 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG017249.D
 Acq: 22 May 2015 16:40

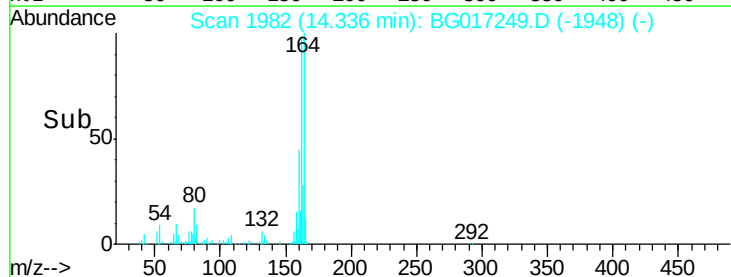
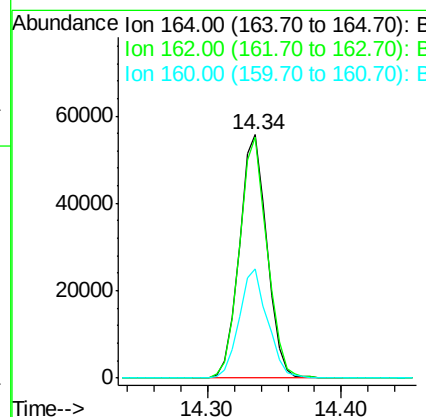
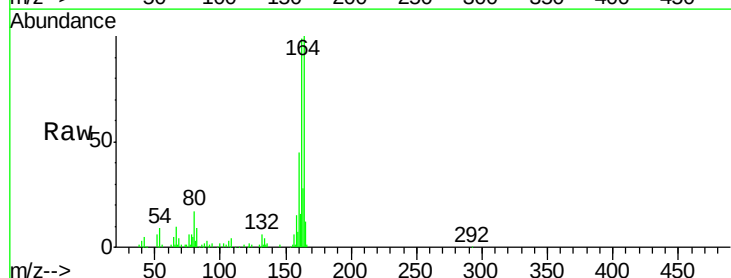
Instrument :
 BNA_G
 ClientSampleId :
 PB83443BL

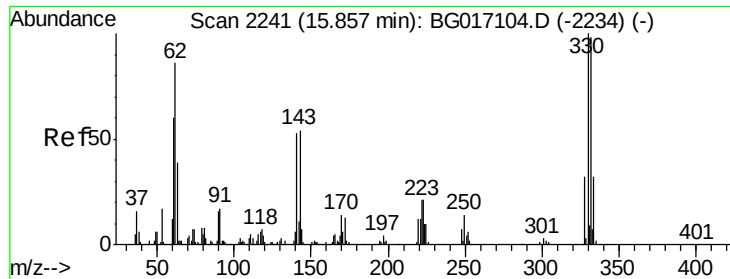
Tgt Ion: 82 Resp: 24334
 Ion Ratio Lower Upper
 82 100
 128 36.8 32.6 49.0
 54 53.5 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG017249.D
 Acq: 22 May 2015 16:40

Tgt Ion: 164 Resp: 79588
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.1 123.1
 160 44.9 34.8 52.2

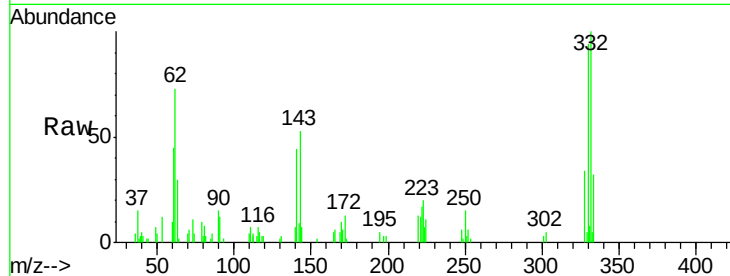




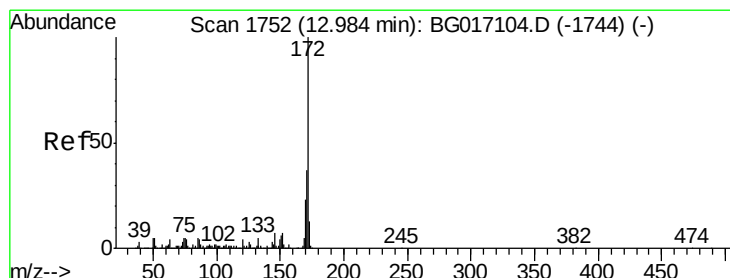
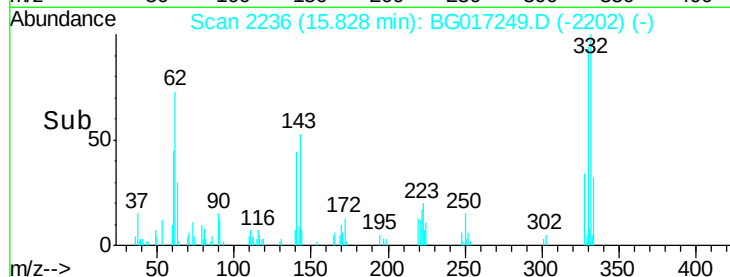
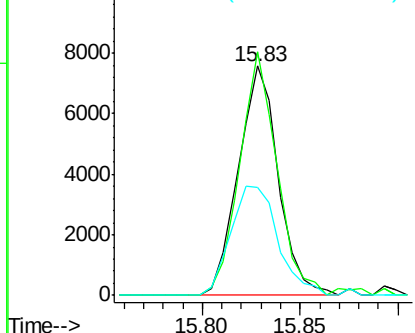
#41
 2,4,6-Tribromophenol
 Concen: 11.16 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017249.D
 Acq: 22 May 2015 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83443BL

Tgt Ion: 330 Resp: 10735
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.9 115.3
 141 56.2 42.2 63.2

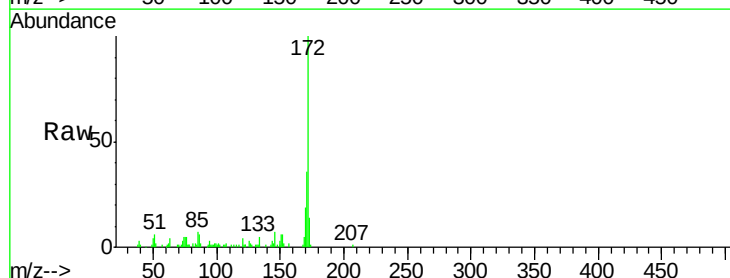


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

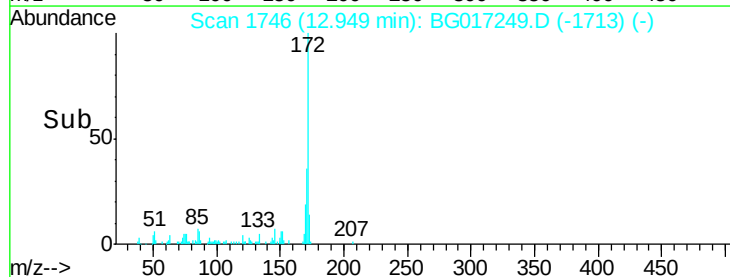
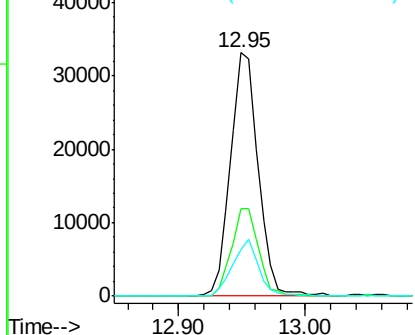


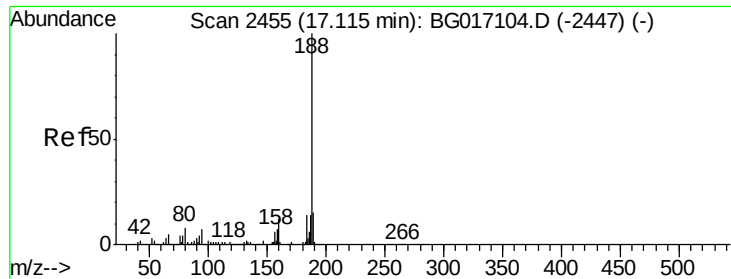
#44
 2-Fluorobiphenyl
 Concen: 9.23 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG017249.D
 Acq: 22 May 2015 16:40

Tgt Ion: 172 Resp: 50045
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 18.9 18.4 27.6



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

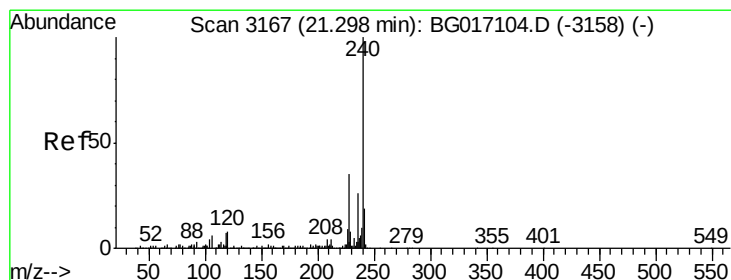
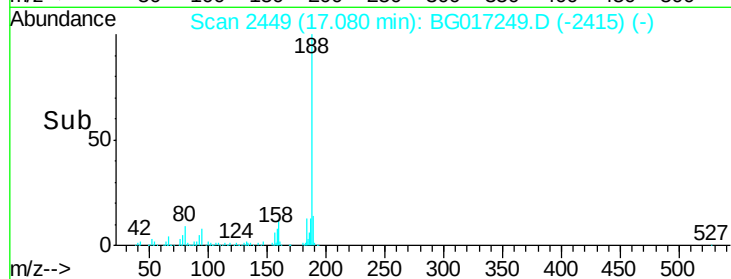
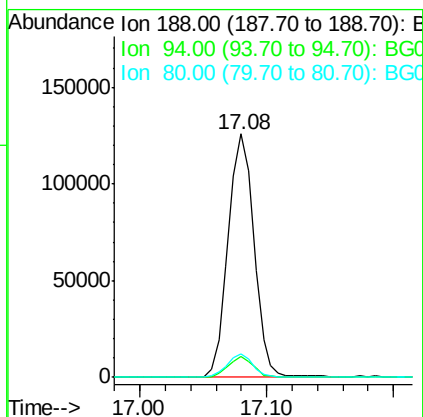
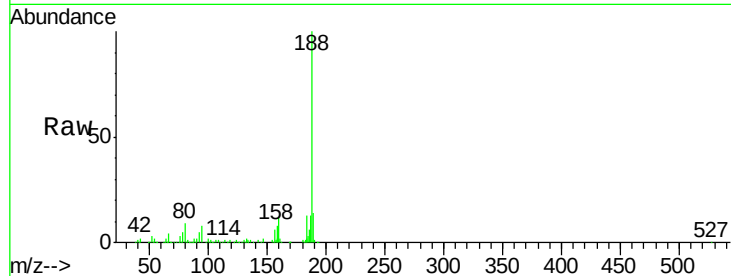




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017249.D
Acq: 22 May 2015 16:40

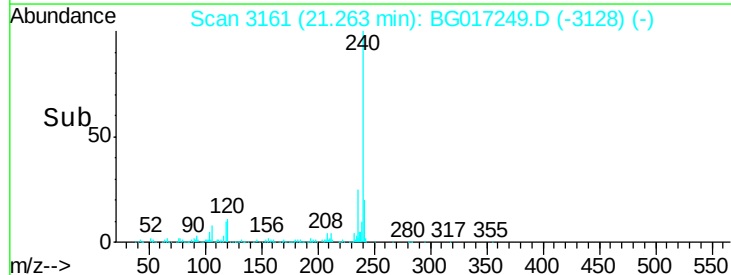
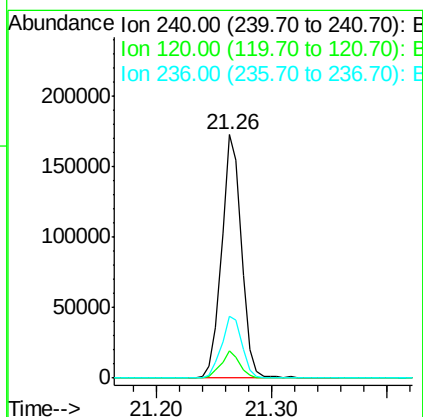
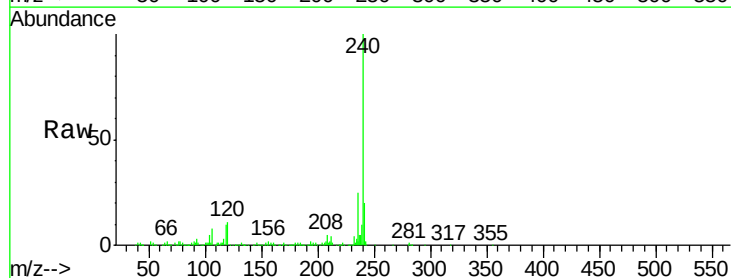
Instrument :
BNA_G
ClientSampleId :
PB83443BL

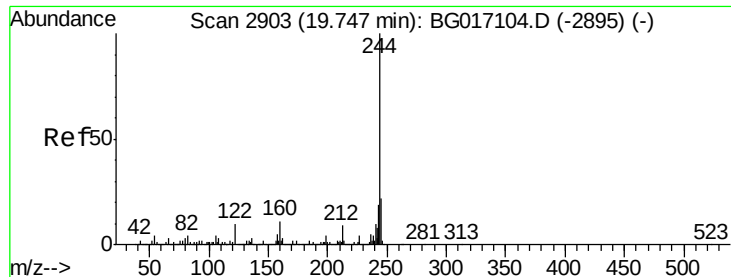
Tgt Ion:188 Resp: 178664
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 9.4 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG017249.D
Acq: 22 May 2015 16:40

Tgt Ion:240 Resp: 205112
Ion Ratio Lower Upper
240 100
120 11.3 6.0 9.0#
236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 8.46 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017249.D

Acq: 22 May 2015 16:40

Instrument :

BNA_G

ClientSampleId :

PB83443BL

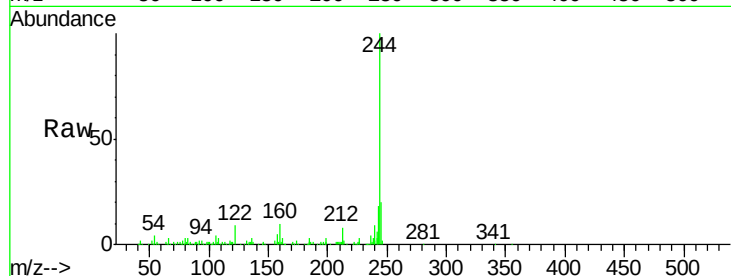
Tgt Ion:244 Resp: 83244

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

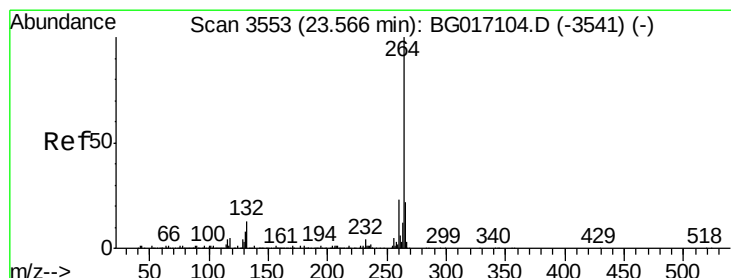
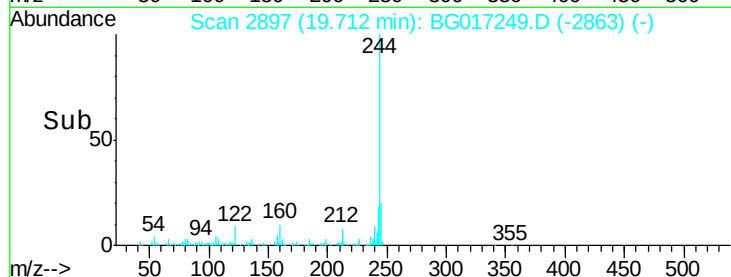
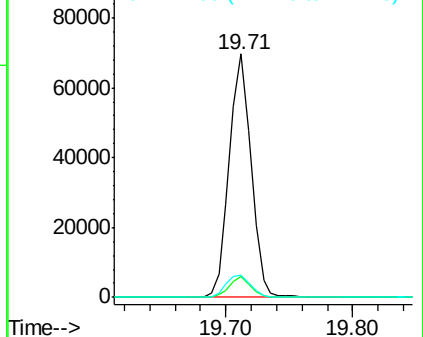
122 8.9 8.4 12.6



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

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG017249.D

Acq: 22 May 2015 16:40

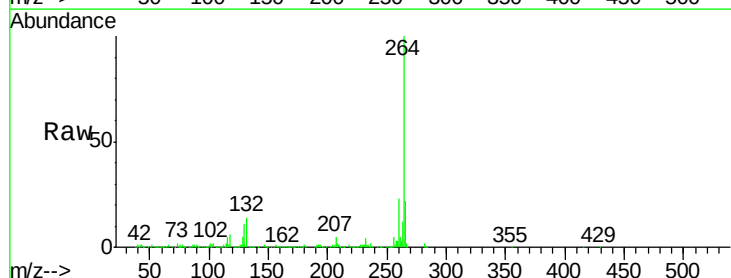
Tgt Ion:264 Resp: 208137

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 21.9 17.4 26.0



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

