

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017144.D
 Acq On : 14 May 2015 17:15
 Operator : TP/IZ
 Sample : G2177-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-19(5-10)

Quant Time: May 15 04:18:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

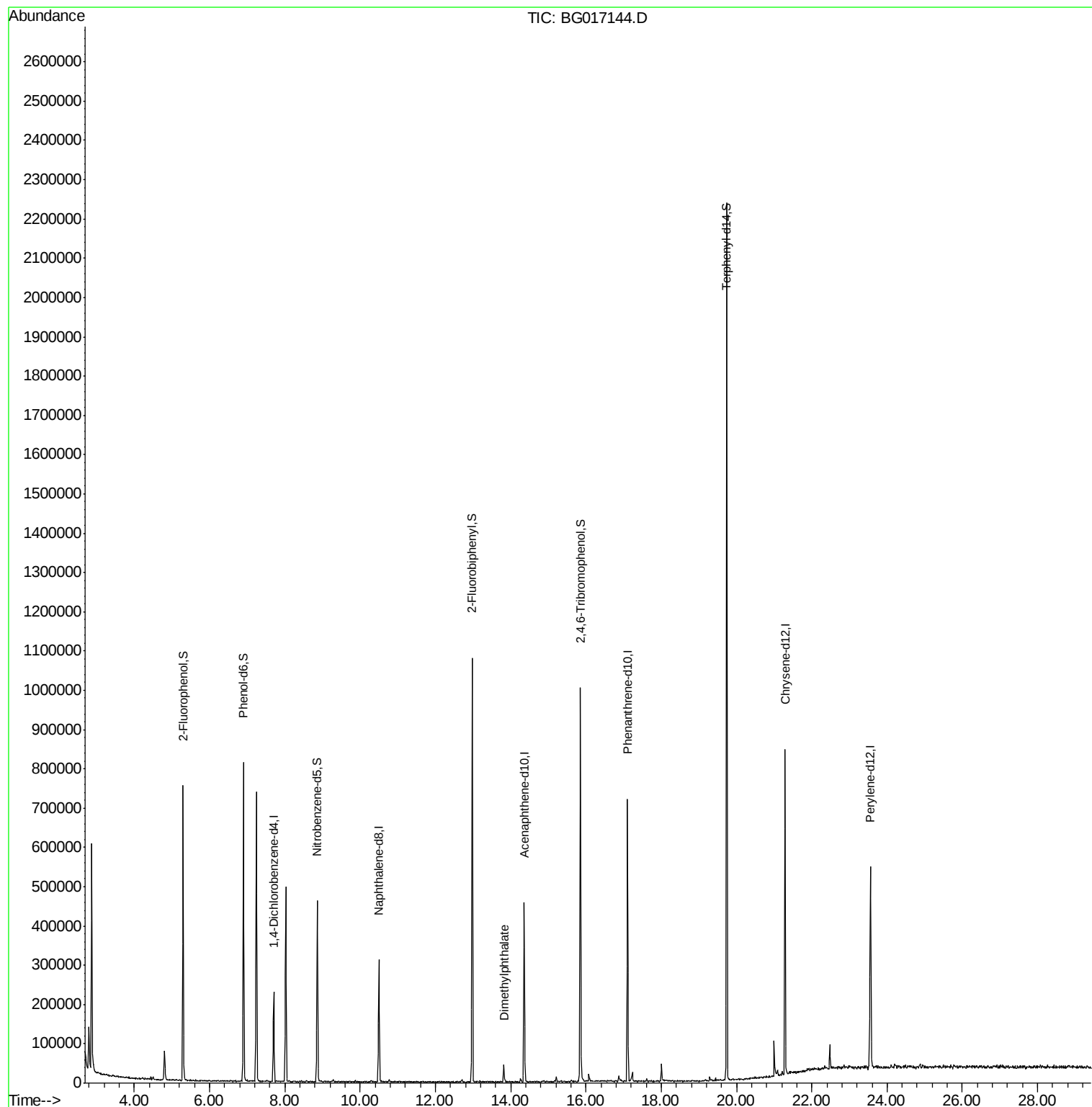
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	51228	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	216538	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	147187	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	345502	20.00	ng	0.00
75) Chrysene-d12	21.29	240	346319	20.00	ng	0.00
86) Perylene-d12	23.56	264	346907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	252757	87.54	ng	0.00
7) Phenol-d6	6.90	99	361638	89.25	ng	0.00
23) Nitrobenzene-d5	8.87	82	237992	51.31	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	140694	79.07	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	485145	48.37	ng	0.00
78) Terphenyl-d14	19.74	244	821451	49.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	616	Below Cal	#	6
49) Dimethylphthalate	13.82	163	24296	2.11 ng	#	95

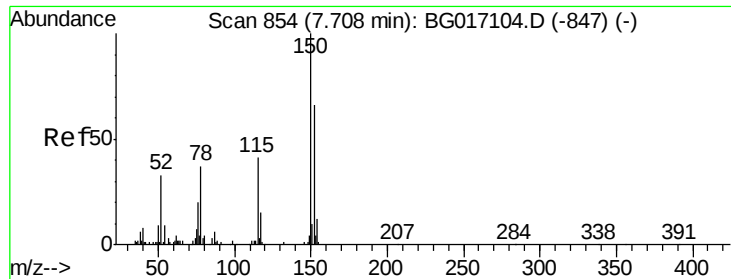
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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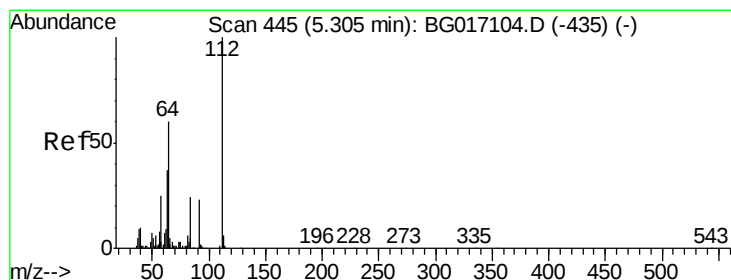
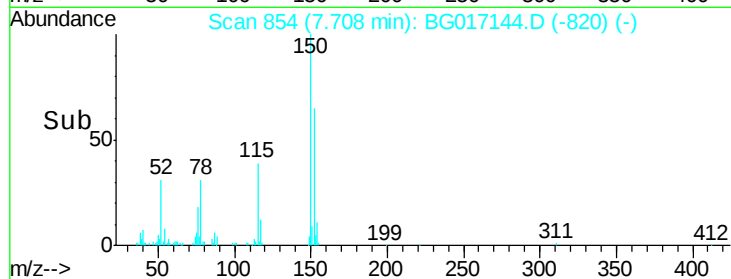
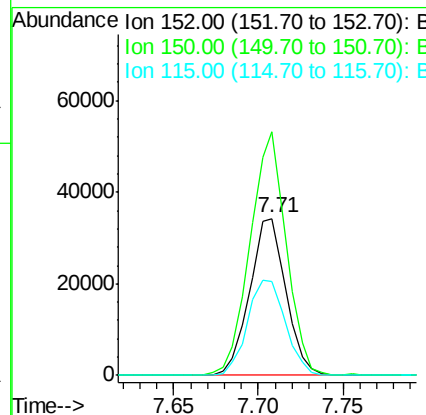
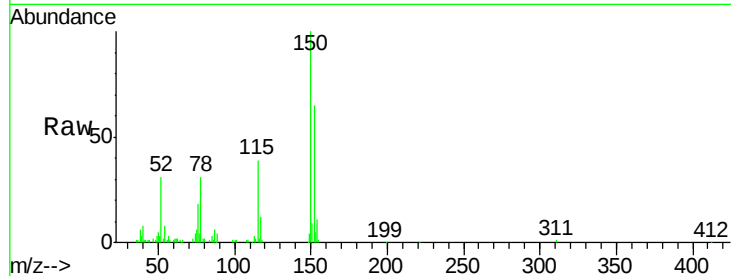


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG017144.D
Acq: 14 May 2015 17:15

Instrument :
BNA_G
ClientSampleId :
PS-19(5-10)

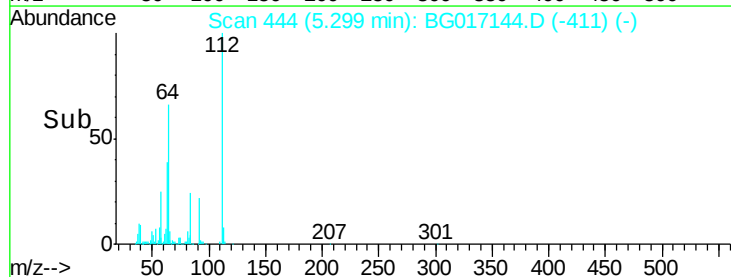
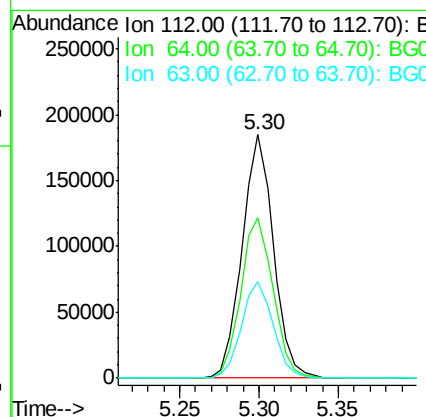
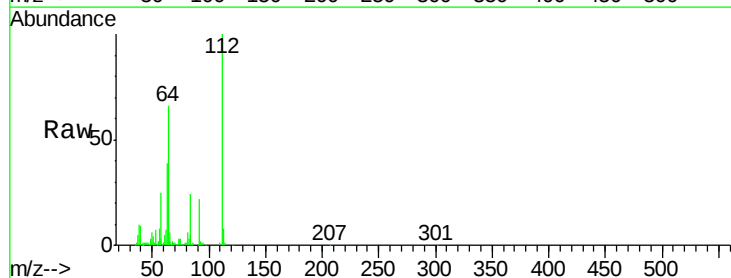
Tgt Ion:152 Resp: 51228
Ion Ratio Lower Upper
152 100
150 155.0 120.8 181.2
115 59.8 49.4 74.2

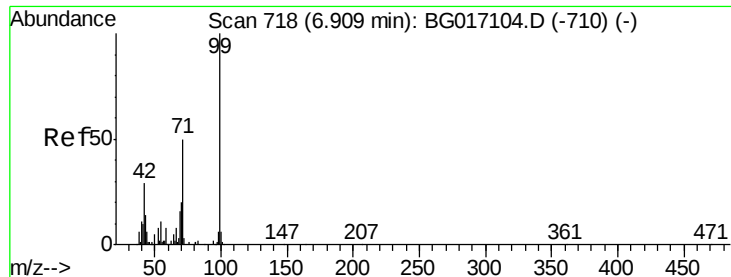


#5

2-Fluorophenol
Concen: 87.54 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017144.D
Acq: 14 May 2015 17:15

Tgt Ion:112 Resp: 252757
Ion Ratio Lower Upper
112 100
64 66.1 48.1 72.1
63 39.4 29.8 44.8





#7

Phenol-d6

Concen: 89.25 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

Instrument :

BNA_G

ClientSampleId :

PS-19(5-10)

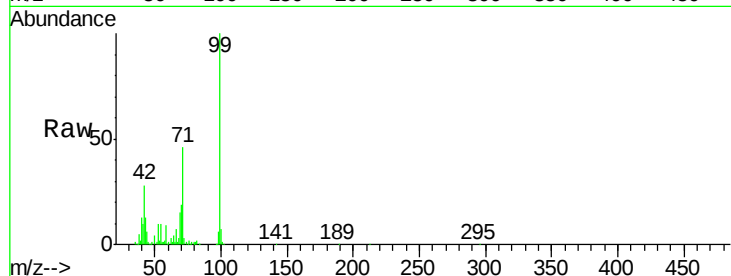
Tgt Ion: 99 Resp: 361638

Ion Ratio Lower Upper

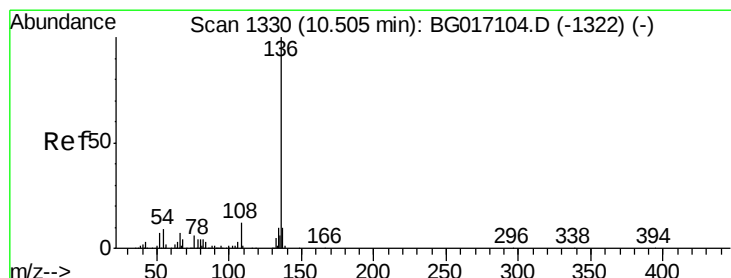
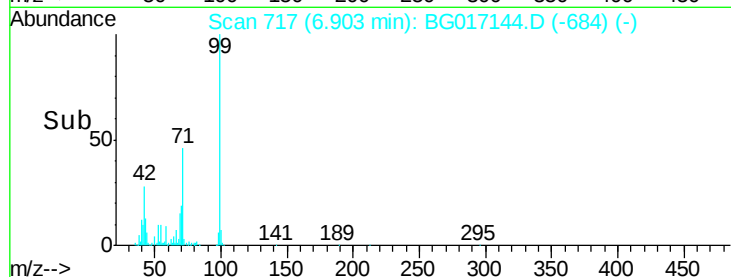
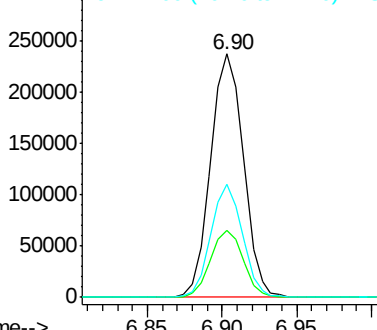
99 100

42 27.6 23.5 35.3

71 46.4 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: 10.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

Tgt Ion: 136 Resp: 216538

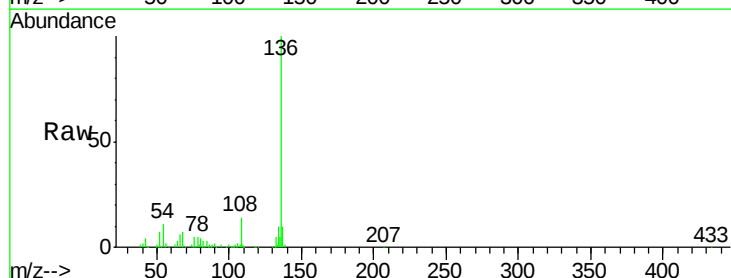
Ion Ratio Lower Upper

136 100

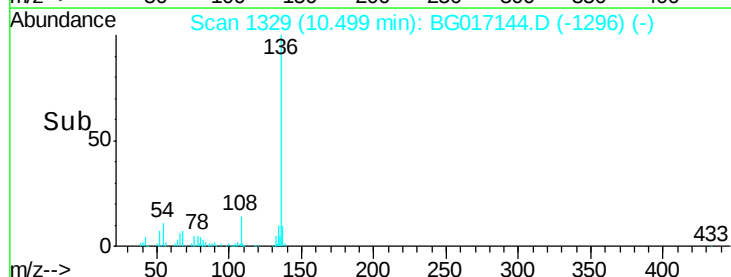
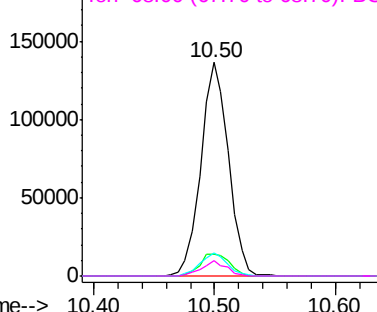
137 10.3 8.3 12.5

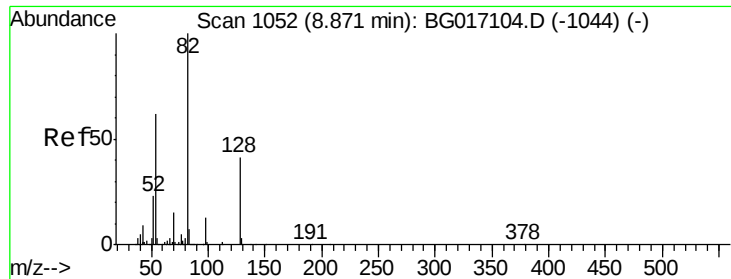
54 10.6 7.4 11.2

68 7.0 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

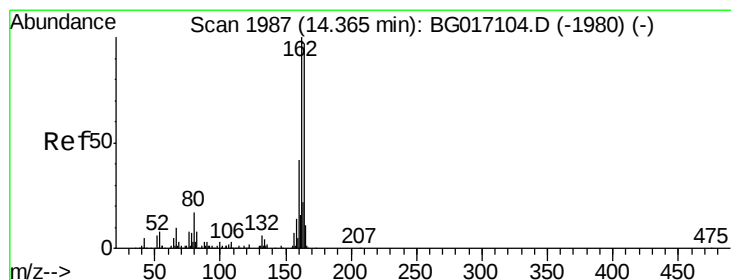
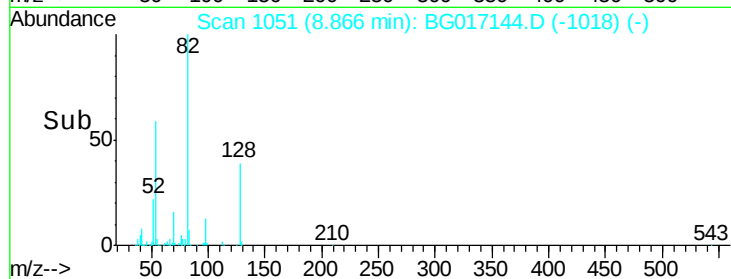
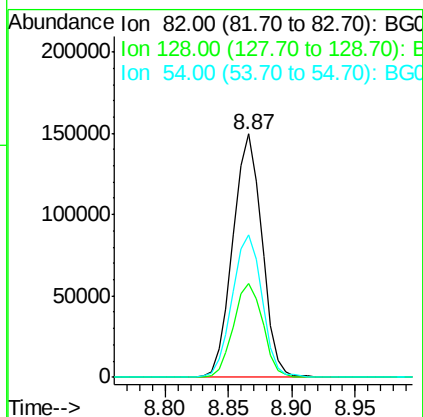
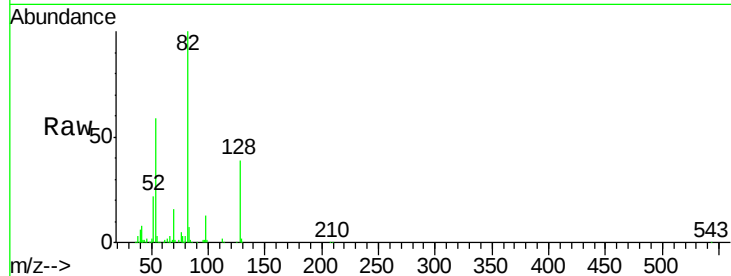




#23
 Nitrobenzene-d5
 Concen: 51.31 ng
 RT: 8.87 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017144.D
 Acq: 14 May 2015 17:15

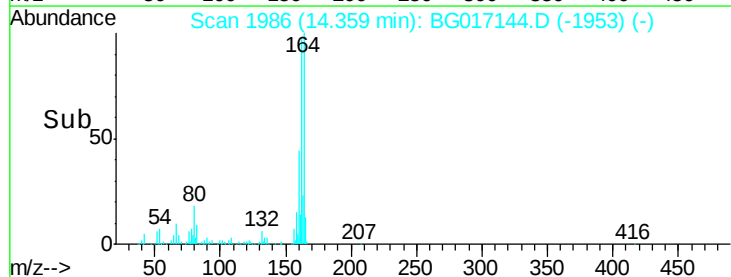
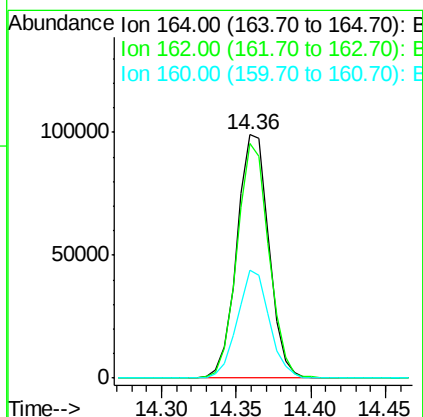
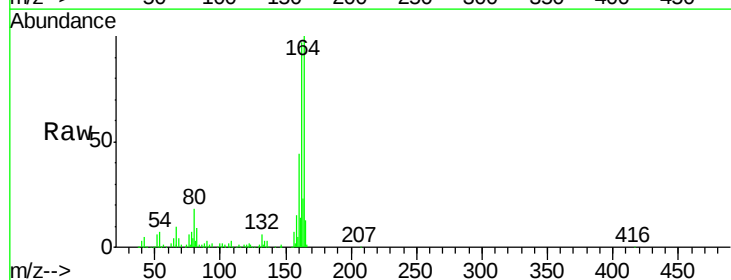
Instrument :
 BNA_G
 ClientSampleId :
 PS-19(5-10)

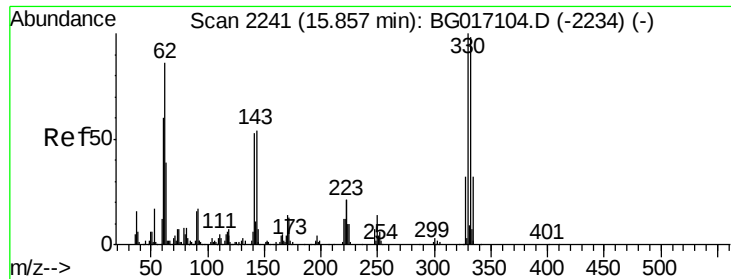
Tgt Ion: 82 Resp: 237992
 Ion Ratio Lower Upper
 82 100
 128 38.6 32.6 49.0
 54 58.7 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG017144.D
 Acq: 14 May 2015 17:15

Tgt Ion: 164 Resp: 147187
 Ion Ratio Lower Upper
 164 100
 162 96.6 82.1 123.1
 160 44.5 34.8 52.2

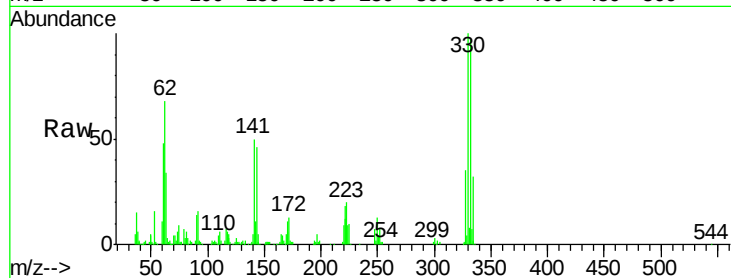




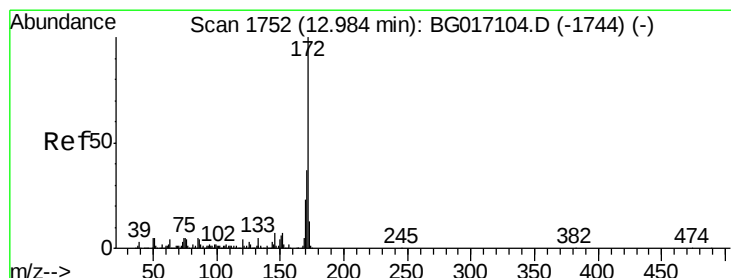
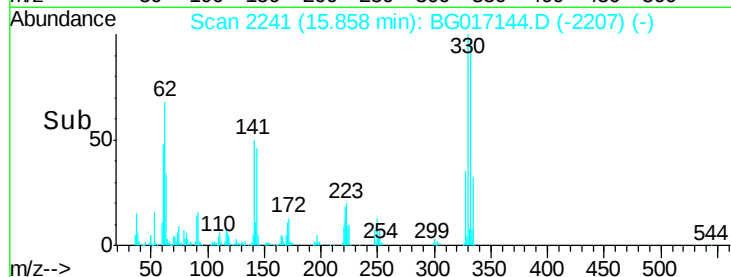
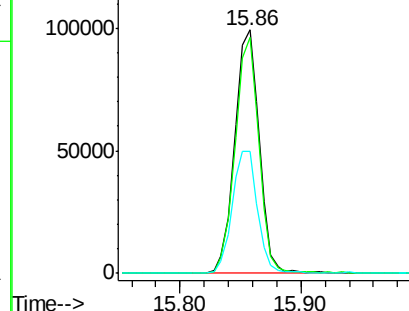
#41
 2,4,6-Tribromophenol
 Concen: 79.07 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG017144.D
 Acq: 14 May 2015 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PS-19(5-10)

Tgt Ion: 330 Resp: 140694
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.9 115.3
 141 51.6 42.2 63.2

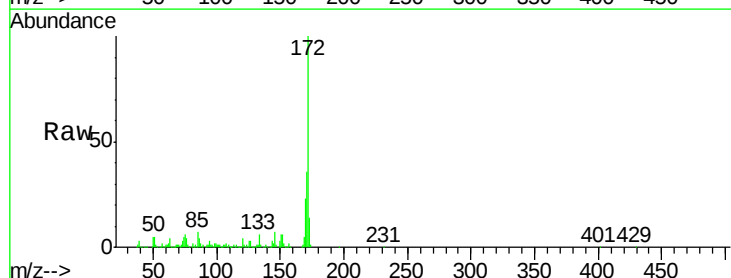


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

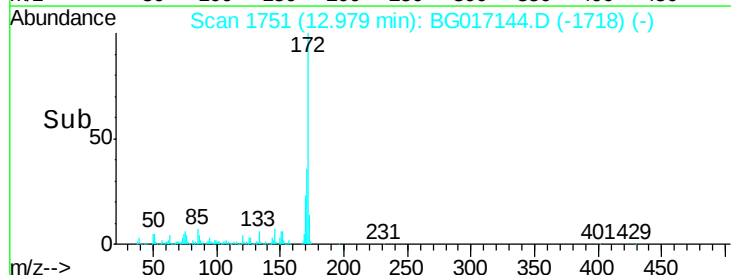
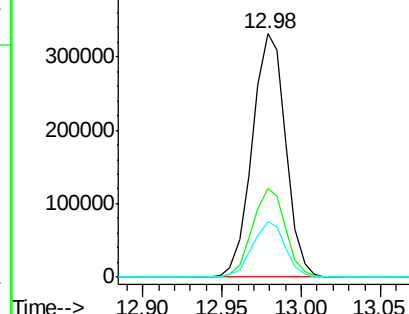


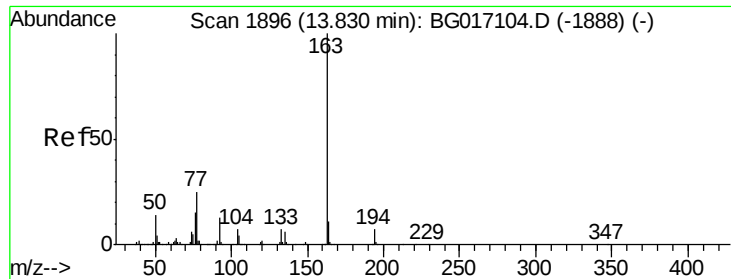
#44
 2-Fluorobiphenyl
 Concen: 48.37 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG017144.D
 Acq: 14 May 2015 17:15

Tgt Ion: 172 Resp: 485145
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 22.8 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





#49

Dimethylphthalate

Concen: 2.11 ng

RT: 13.82 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

Instrument :

BNA_G

ClientSampleId :

PS-19(5-10)

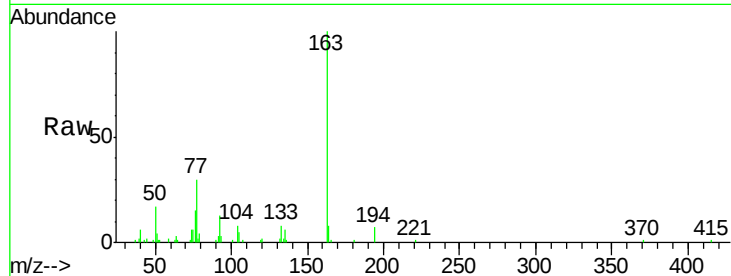
Tgt Ion:163 Resp: 24296

Ion Ratio Lower Upper

163 100

194 6.7 5.6 8.4

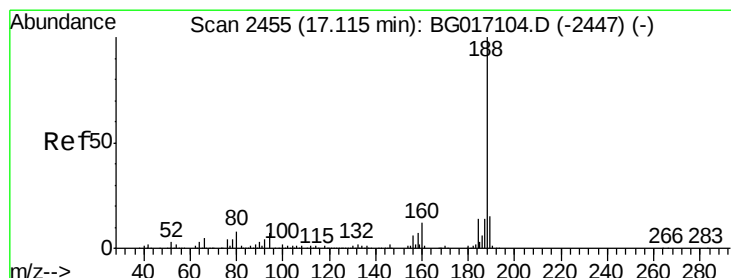
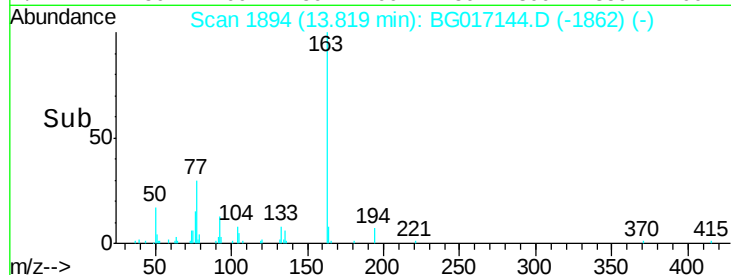
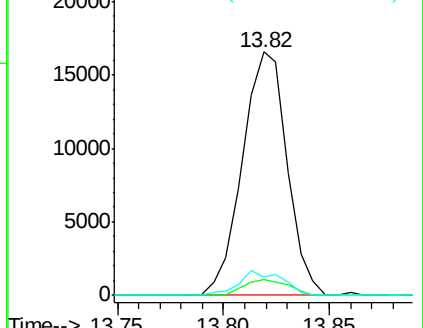
164 7.7 8.6 13.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

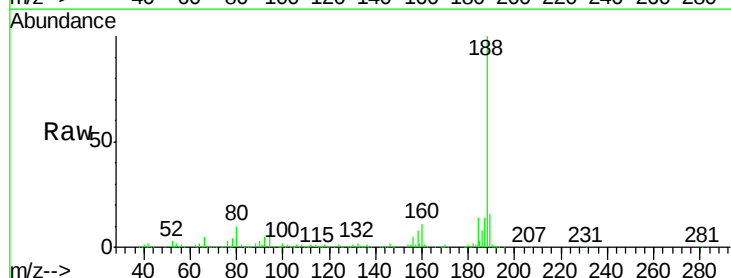
Tgt Ion:188 Resp: 345502

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

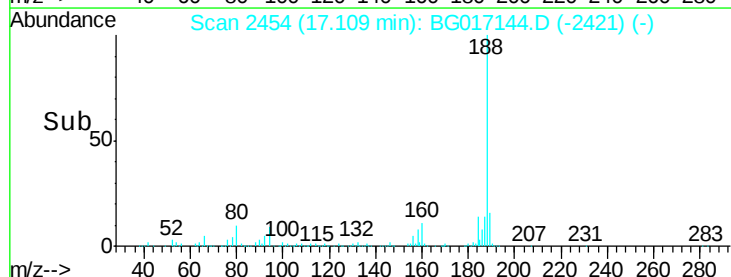
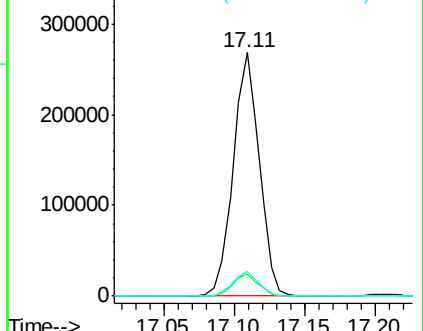
80 10.2 6.5 9.7#

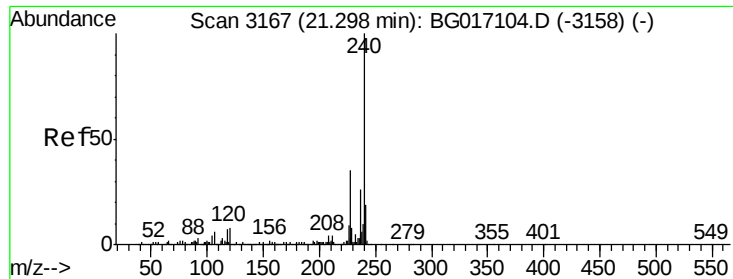


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

Instrument :

BNA_G

ClientSampleId :

PS-19(5-10)

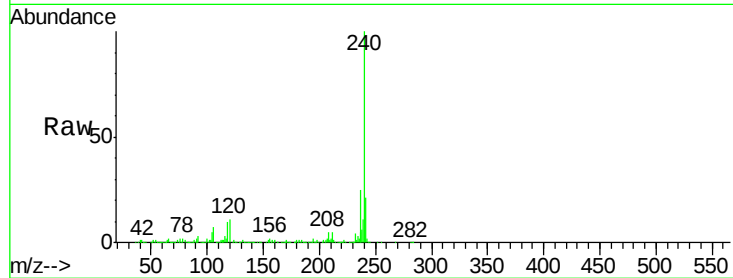
Tgt Ion:240 Resp: 346319

Ion Ratio Lower Upper

240 100

120 11.2 6.0 9.0#

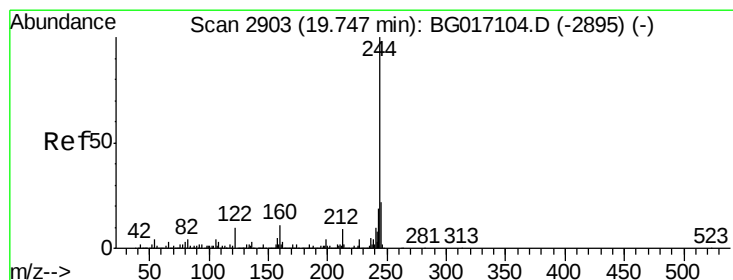
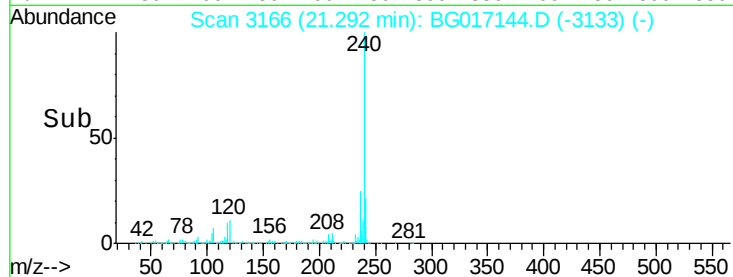
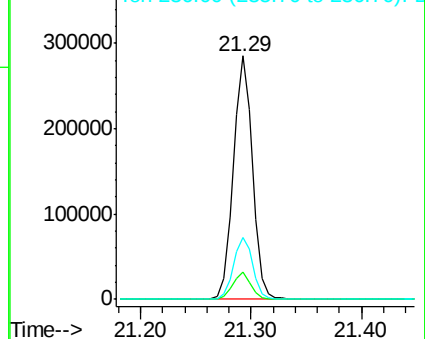
236 25.3 20.5 30.7



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: 49.43 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

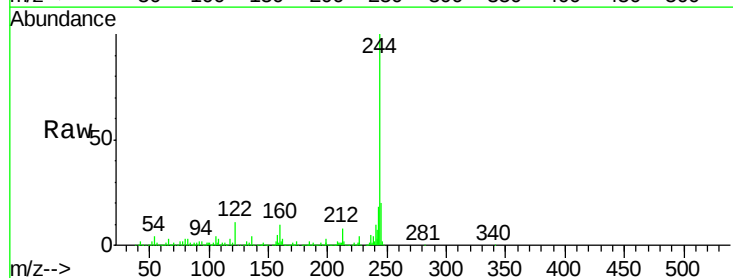
Tgt Ion:244 Resp: 821451

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

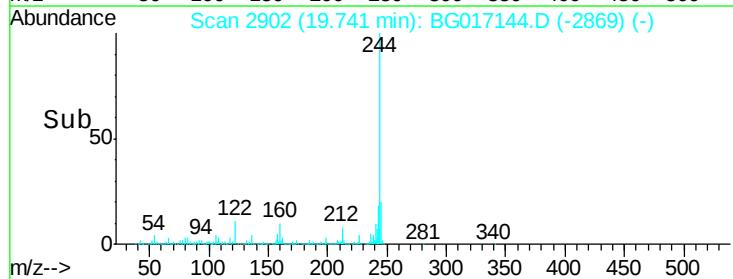
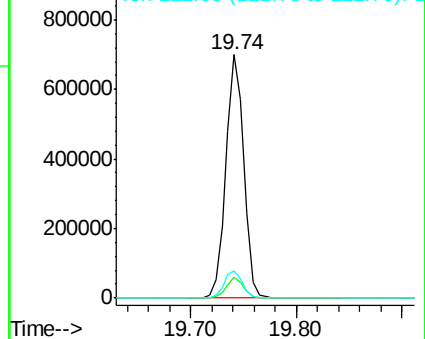
122 11.2 8.4 12.6

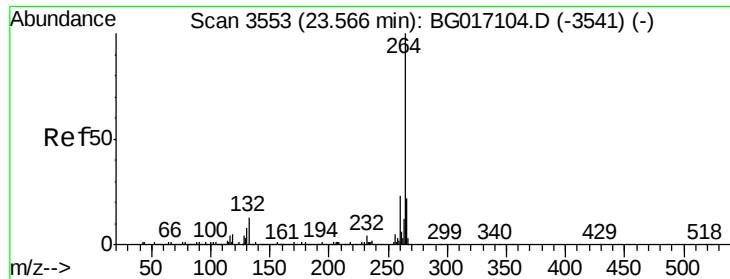


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017144.D

Acq: 14 May 2015 17:15

Instrument :

BNA_G

ClientSampleId :

PS-19(5-10)

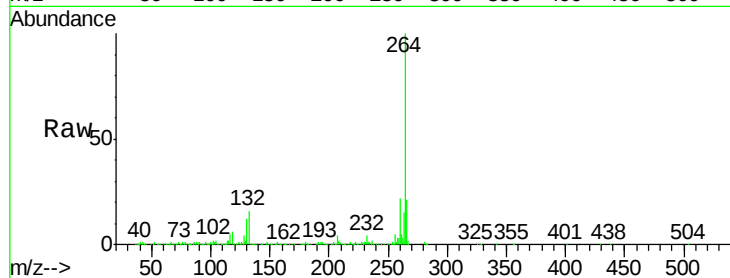
Tgt Ion: 264 Resp: 346907

Ion Ratio Lower Upper

264 100

260 22.2 18.0 27.0

265 21.1 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

250000

200000

150000

100000

50000

0

23.56

23.50 23.60 23.70

Time-->

