

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017319.D
 Acq On : 28 May 2015 3:57
 Operator : TP/IZ
 Sample : G2387-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-D8

Quant Time: May 28 05:57:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

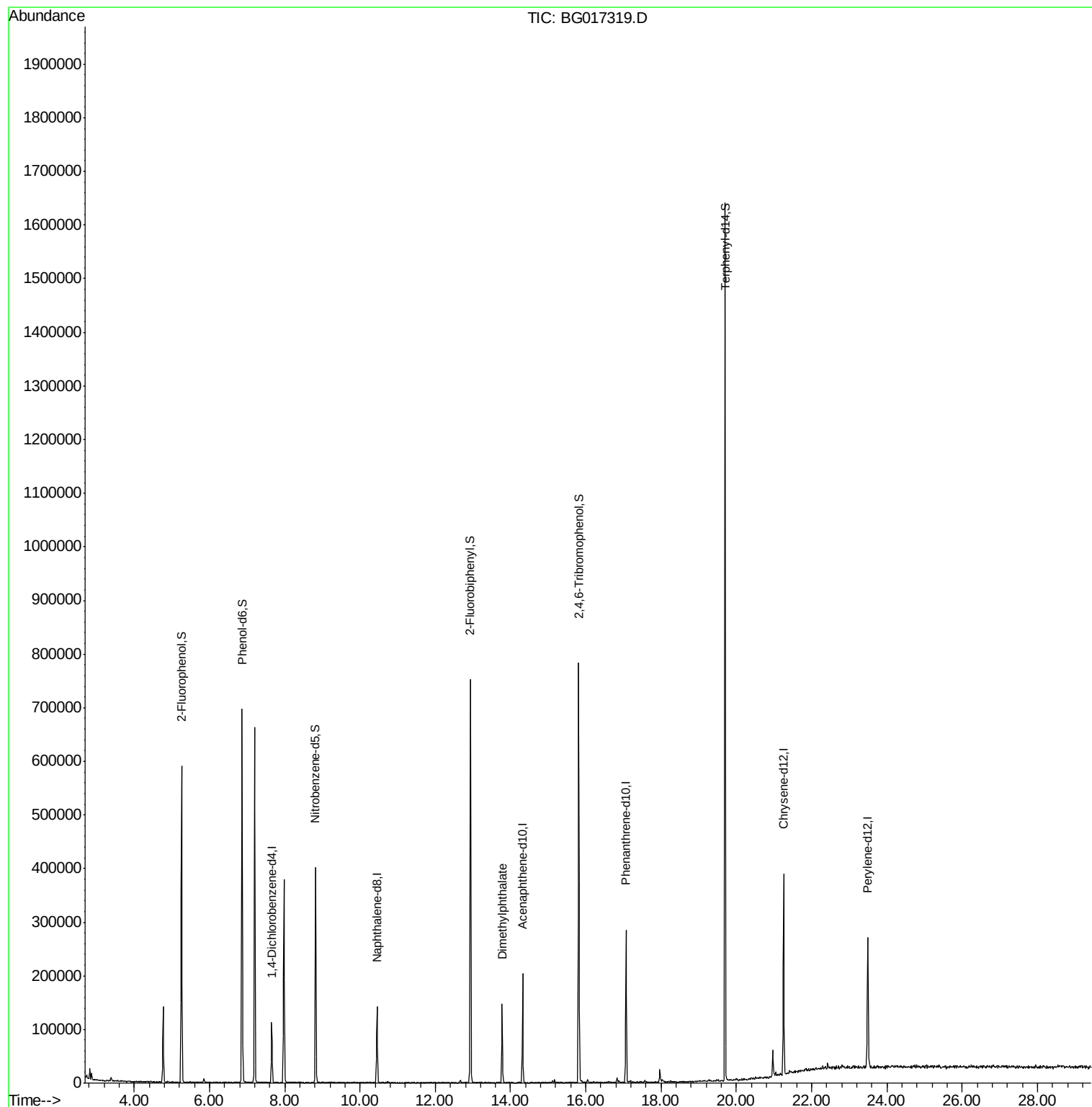
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25122	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	100596	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	63743	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	153642	20.00	ng	0.00
75) Chrysene-d12	21.25	240	171271	20.00	ng	-0.01
86) Perylene-d12	23.49	264	168650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	203088	143.43	ng	0.00
7) Phenol-d6	6.87	99	302734	152.35	ng	0.00
23) Nitrobenzene-d5	8.82	82	205677	95.46	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	110521	143.43	ng	-0.01
44) 2-Fluorobiphenyl	12.94	172	354072	81.51	ng	0.00
78) Terphenyl-d14	19.70	244	626497	76.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	440	Below Cal	Qvalue #	6
49) Dimethylphthalate	13.78	163	79383	15.93 ng		98

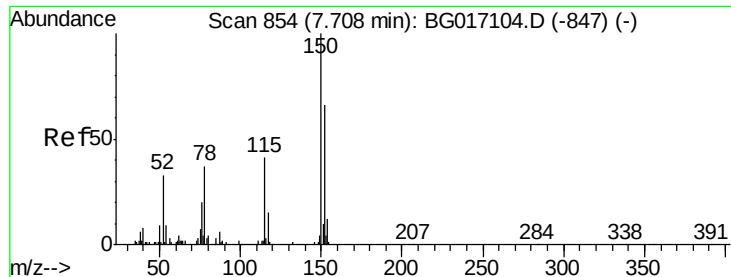
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

Instrument :

BNA_G

ClientSampleId :

TP-16-D8

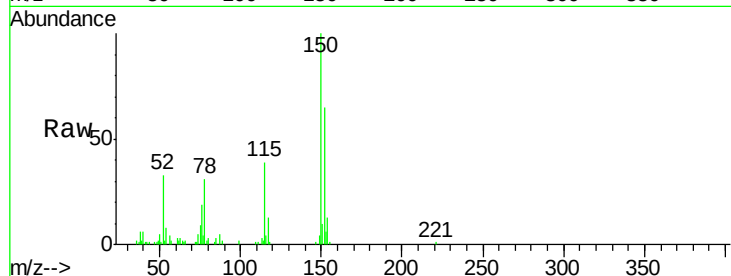
Tgt Ion:152 Resp: 25122

Ion Ratio Lower Upper

152 100

150 152.7 120.8 181.2

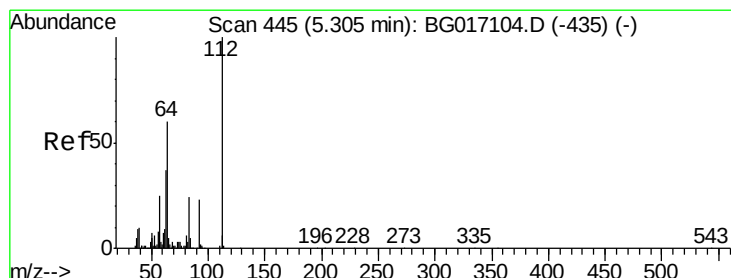
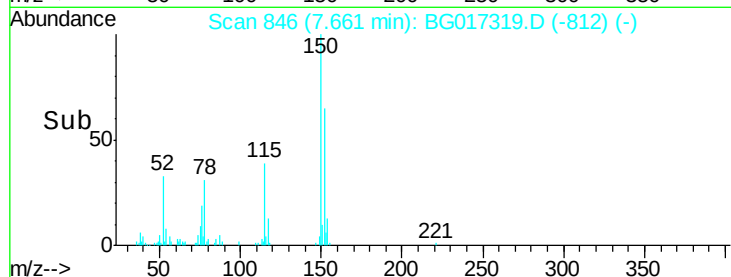
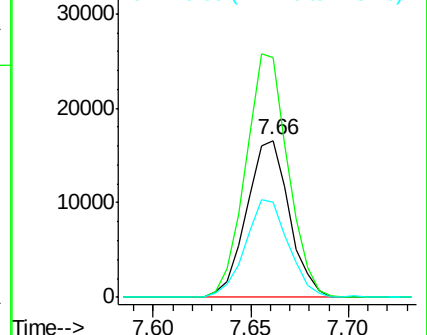
115 60.2 49.4 74.2



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: 143.43 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

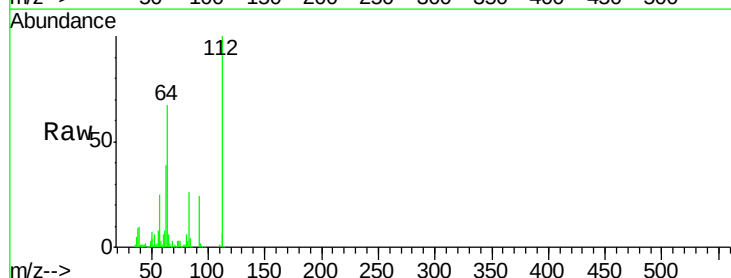
Tgt Ion:112 Resp: 203088

Ion Ratio Lower Upper

112 100

64 66.9 48.1 72.1

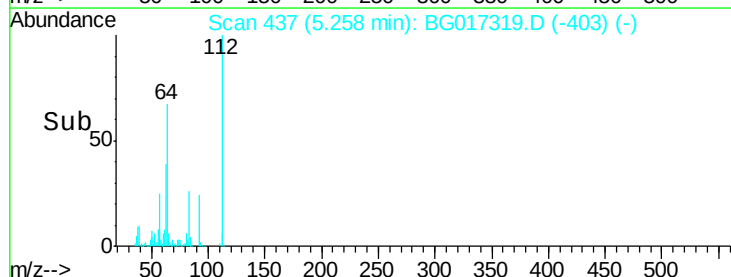
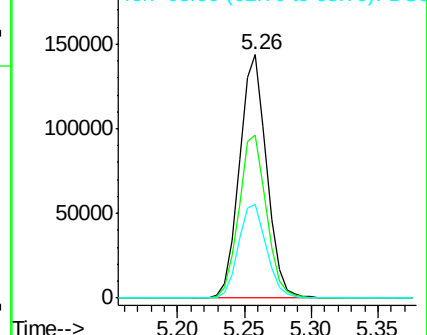
63 38.7 29.8 44.8

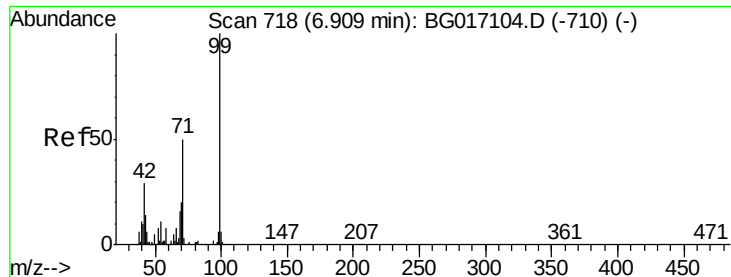


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 152.35 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

Instrument :

BNA_G

ClientSampleId :

TP-16-D8

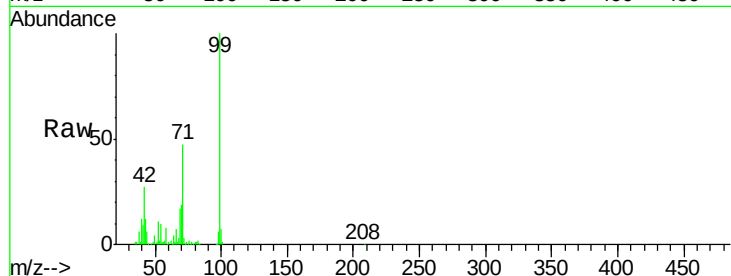
Tgt Ion: 99 Resp: 302734

Ion Ratio Lower Upper

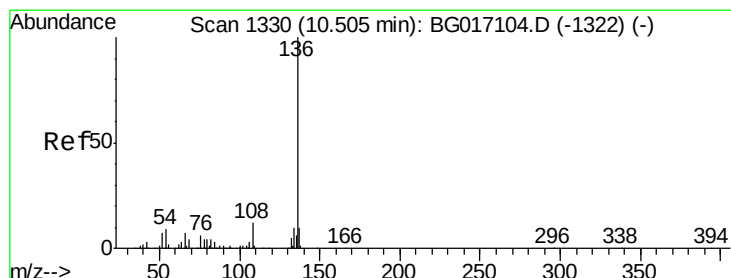
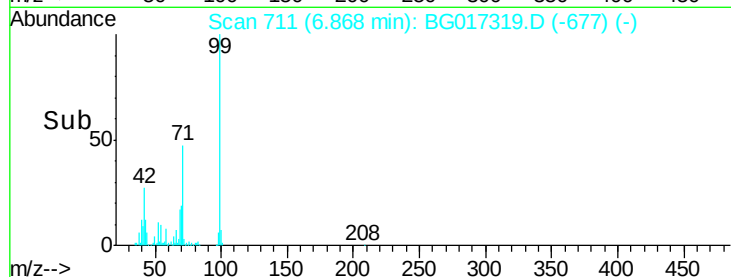
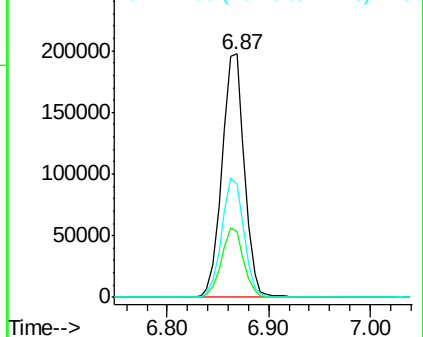
99 100

42 27.0 23.5 35.3

71 46.7 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: 10.45 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

Tgt Ion: 136 Resp: 100596

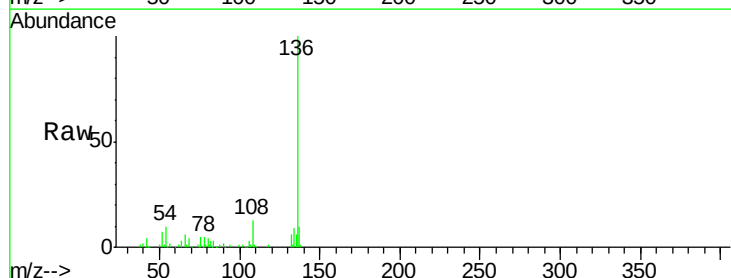
Ion Ratio Lower Upper

136 100

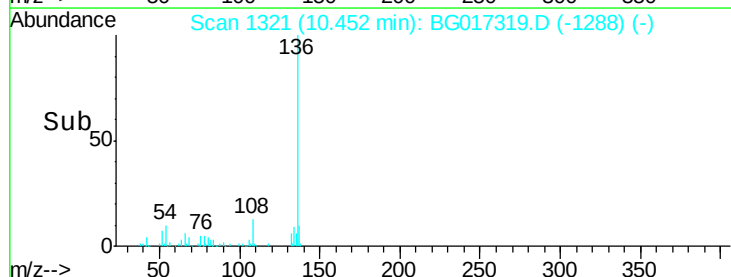
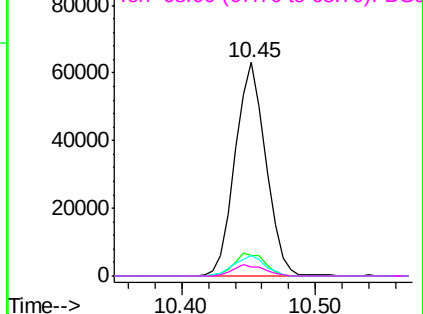
137 9.6 8.3 12.5

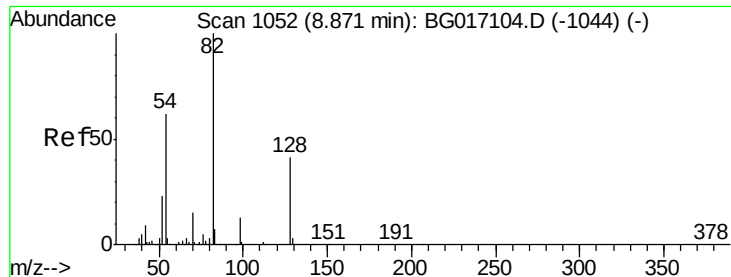
54 9.7 7.4 11.2

68 4.2 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: 95.46 ng

RT: 8.82 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

Instrument :

BNA_G

ClientSampleId :

TP-16-D8

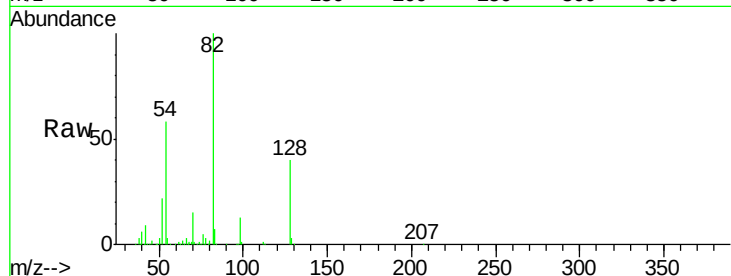
Tgt Ion: 82 Resp: 205677

Ion Ratio Lower Upper

82 100

128 39.6 32.6 49.0

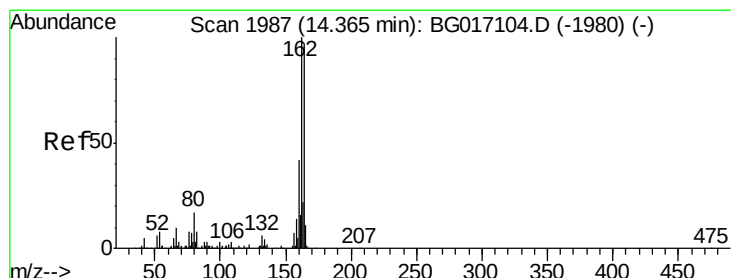
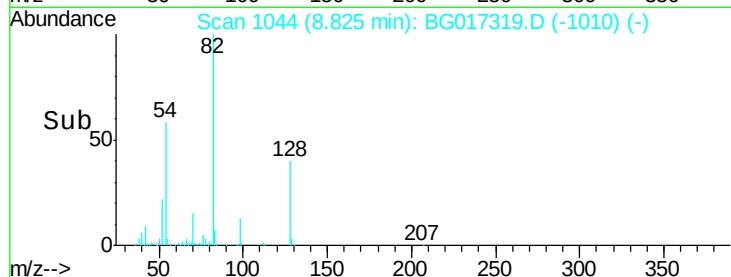
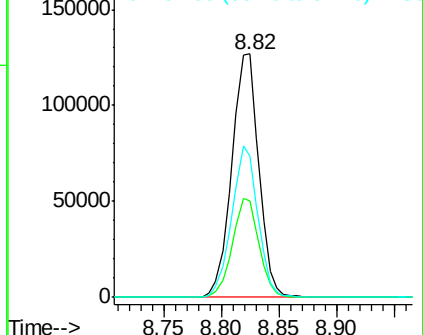
54 58.0 49.6 74.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

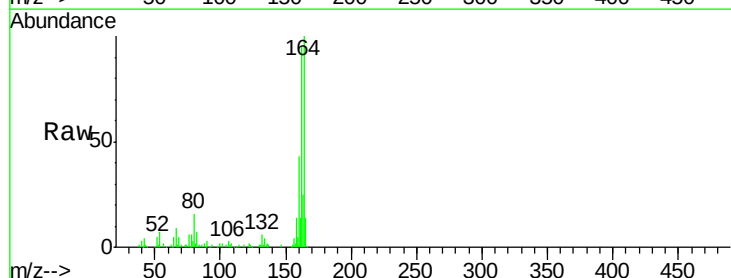
Tgt Ion: 164 Resp: 63743

Ion Ratio Lower Upper

164 100

162 95.3 82.1 123.1

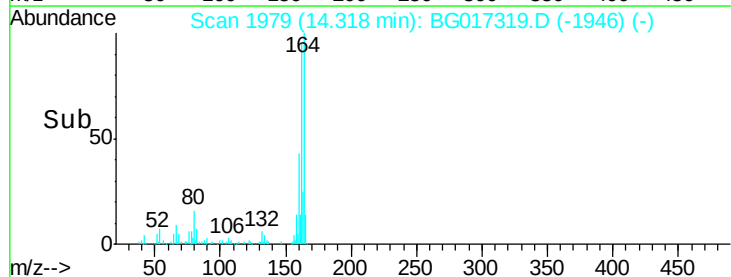
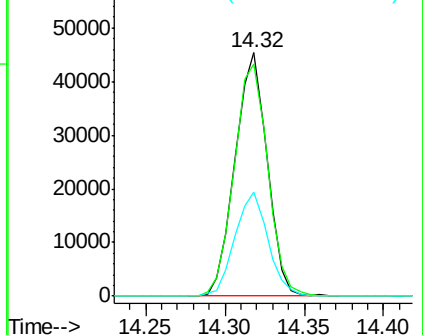
160 42.6 34.8 52.2

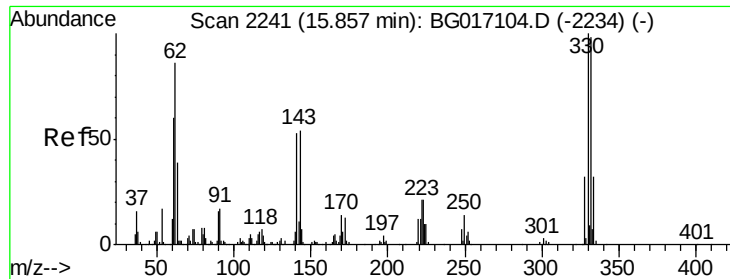


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

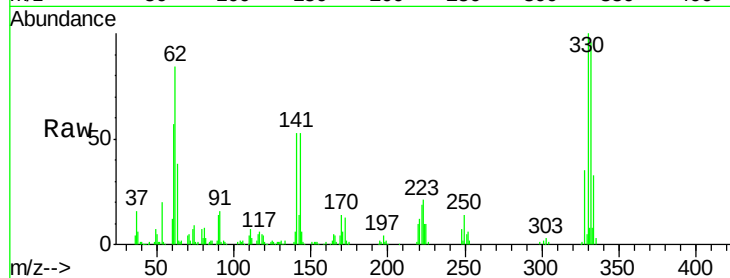




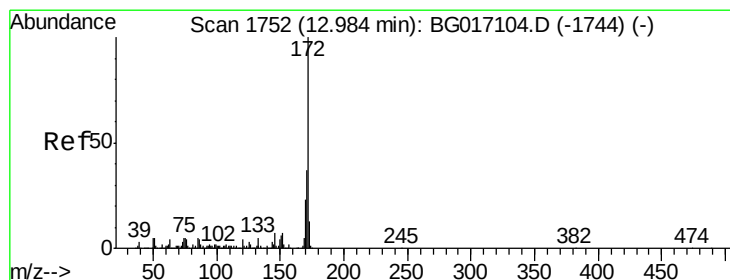
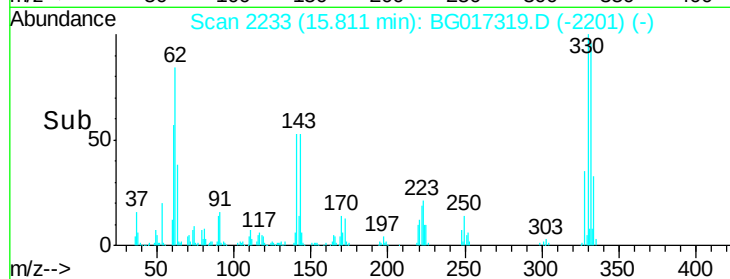
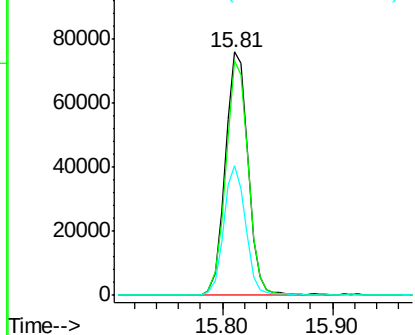
#41
 2,4,6-Tribromophenol
 Concen: 143.43 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017319.D
 Acq: 28 May 2015 3:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-D8

Tgt Ion:330 Resp: 110521
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.9 115.3
 141 50.8 42.2 63.2

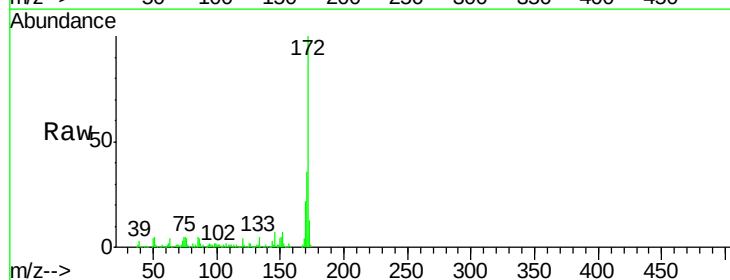


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

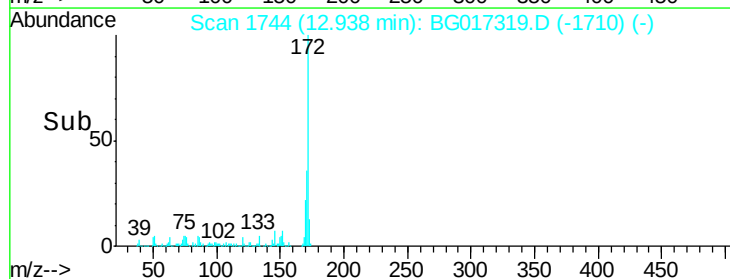
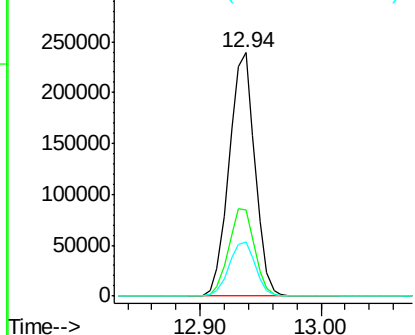


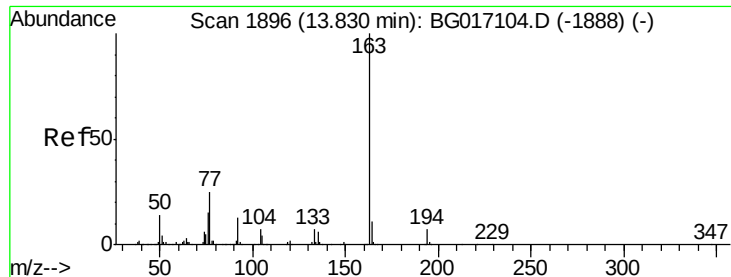
#44
 2-Fluorobiphenyl
 Concen: 81.51 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG017319.D
 Acq: 28 May 2015 3:57

Tgt Ion:172 Resp: 354072
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 22.3 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: 15.93 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

Instrument :

BNA_G

ClientSampleId :

TP-16-D8

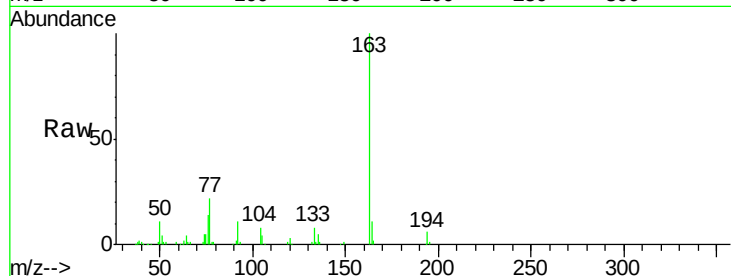
Tgt Ion:163 Resp: 79383

Ion Ratio Lower Upper

163 100

194 5.8 5.6 8.4

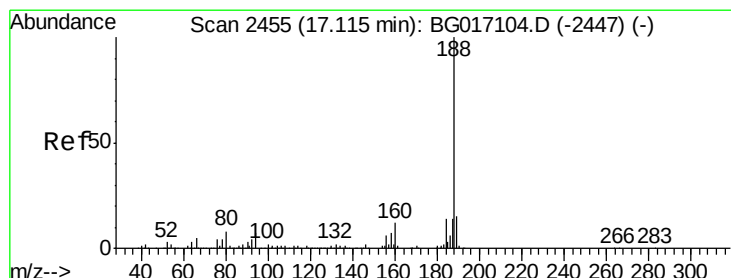
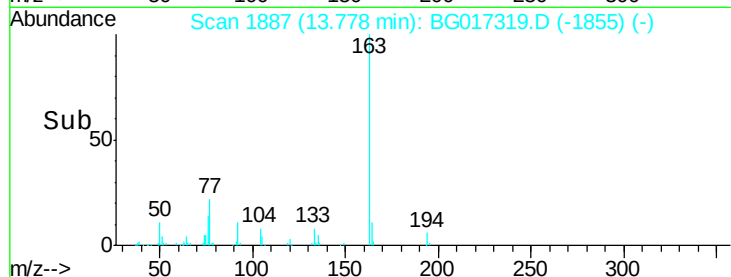
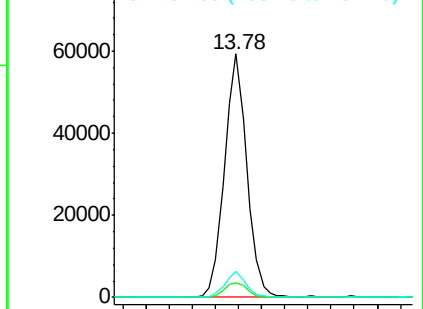
164 10.9 8.6 13.0



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: 17.06 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

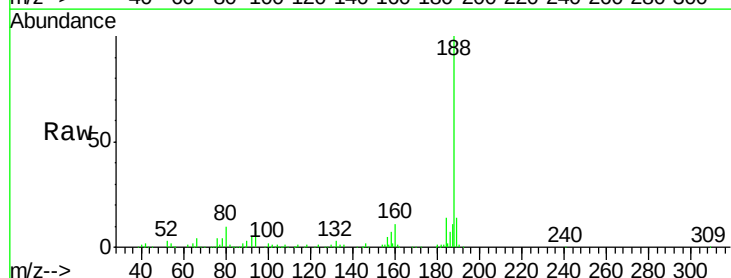
Tgt Ion:188 Resp: 153642

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

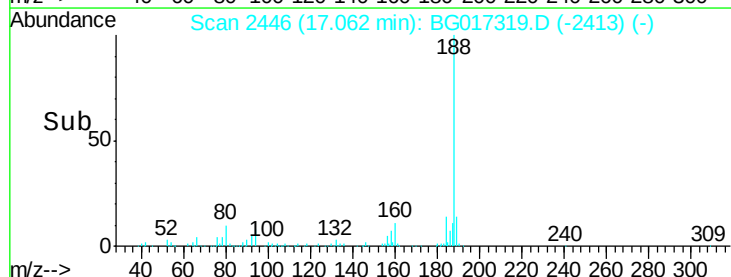
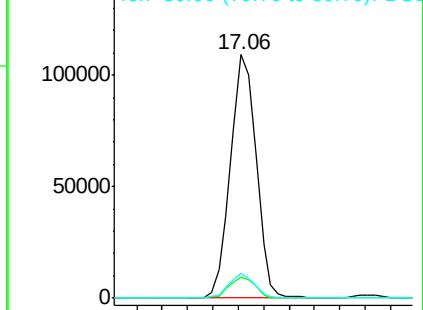
80 10.3 6.5 9.7#

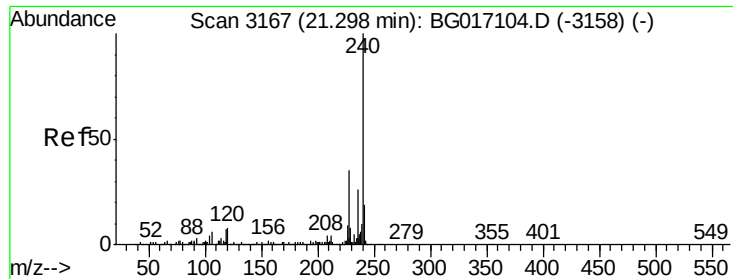


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

Instrument :

BNA_G

ClientSampleId :

TP-16-D8

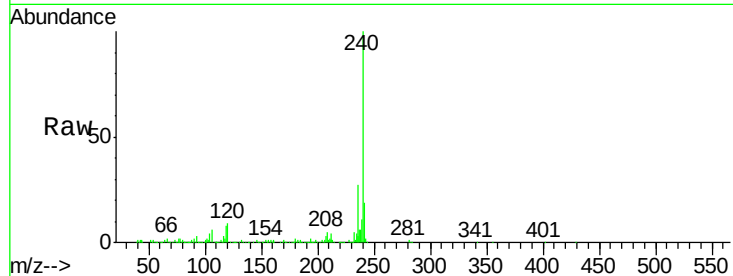
Tgt Ion:240 Resp: 171271

Ion Ratio Lower Upper

240 100

120 8.8 6.0 9.0

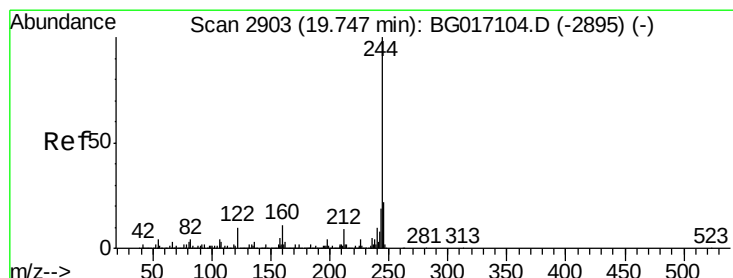
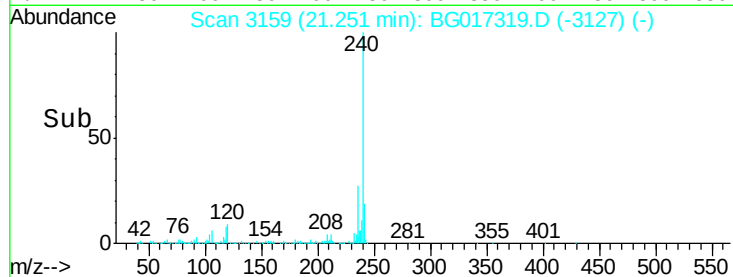
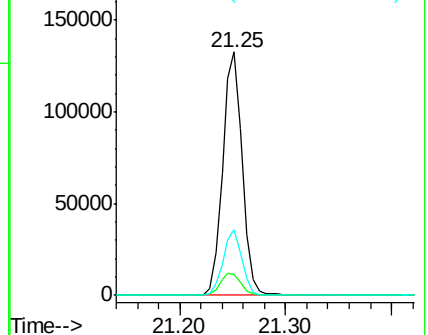
236 26.8 20.5 30.7



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: 76.23 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG017319.D

Acq: 28 May 2015 3:57

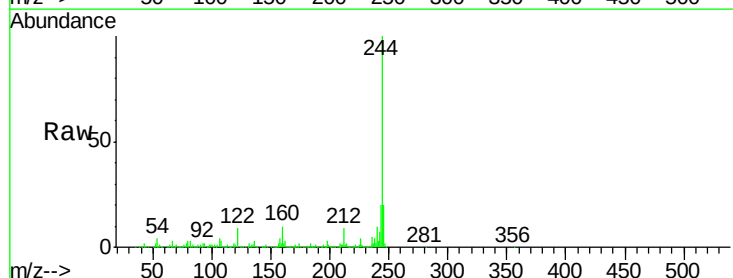
Tgt Ion:244 Resp: 626497

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

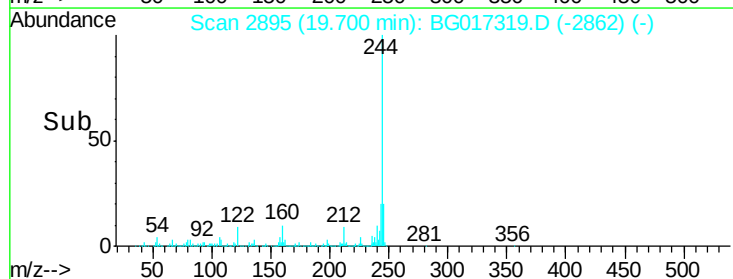
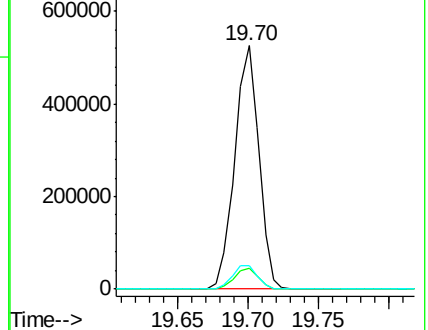
122 9.4 8.4 12.6

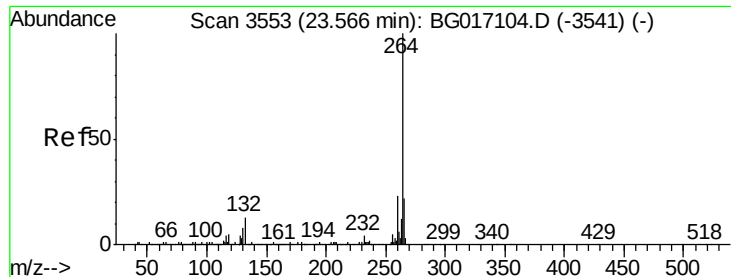


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.49 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG017319.D
Acq: 28 May 2015 3:57

Instrument :
BNA_G
ClientSampleId :
TP-16-D8

Tgt Ion: 264 Resp: 168650
Ion Ratio Lower Upper
264 100
260 21.4 18.0 27.0
265 21.5 17.4 26.0

