

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017130.D
 Acq On : 14 May 2015 5:01
 Operator : TP/IZ
 Sample : G2173-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-56

Quant Time: May 14 07:26:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:13:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	51993	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	223527	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	150087	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	357121	20.00	ng	0.00
75) Chrysene-d12	21.29	240	350541	20.00	ng	0.00
86) Perylene-d12	23.56	264	346111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	189134	64.54	ng	0.00
7) Phenol-d6	6.91	99	160776	39.10	ng	0.00
23) Nitrobenzene-d5	8.87	82	399786	83.50	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	251013	138.35	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	853420	83.44	ng	0.00
78) Terphenyl-d14	19.74	244	1416260	84.19	ng	0.00

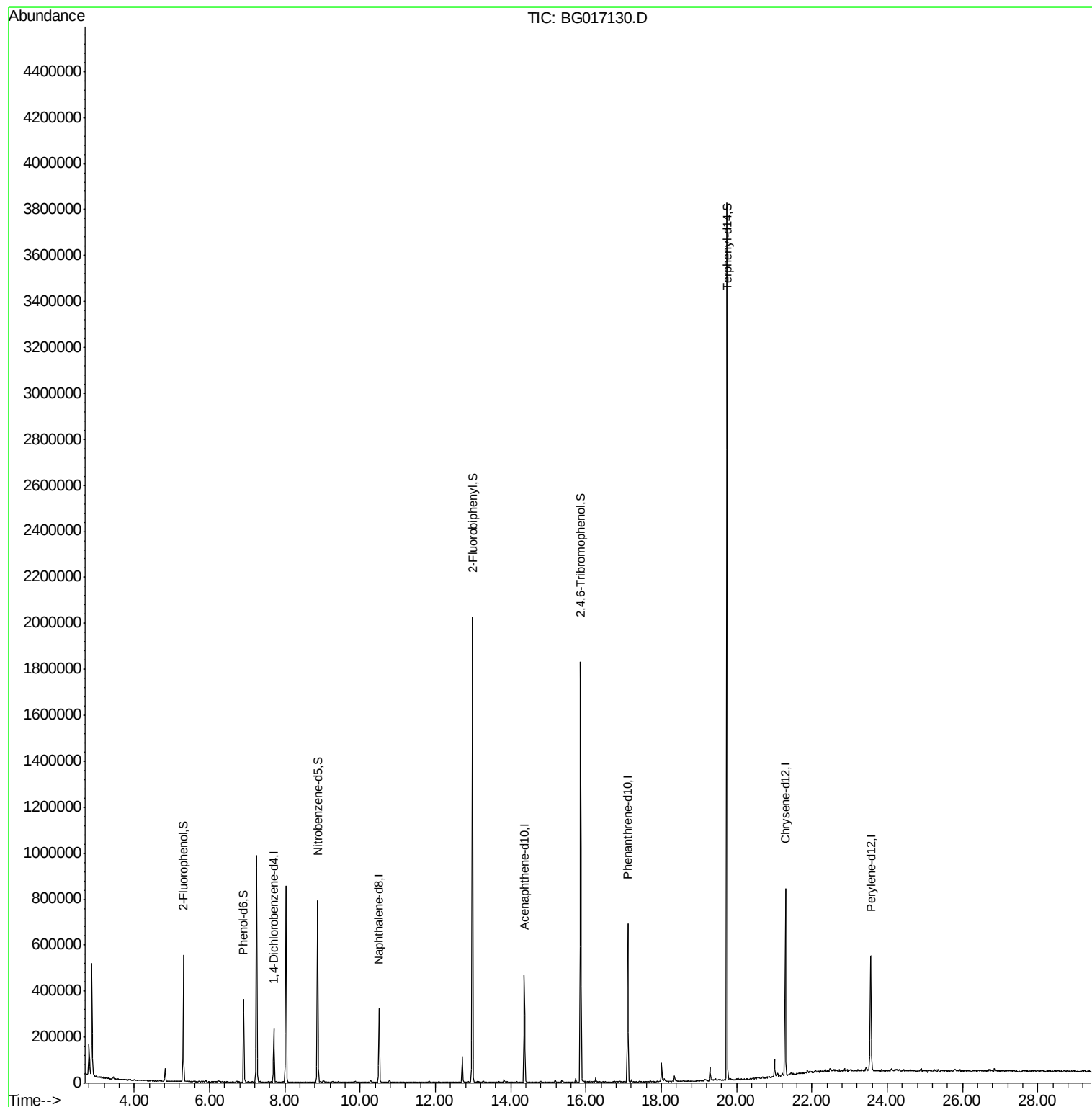
Target Compounds	Qvalue
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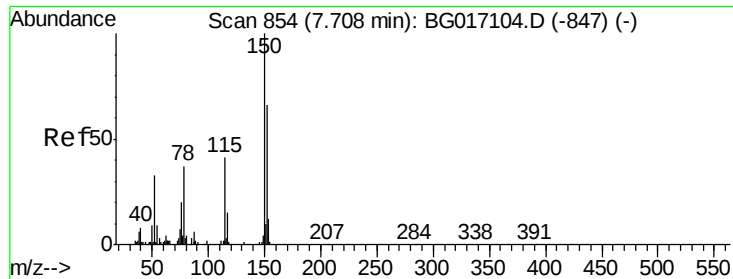
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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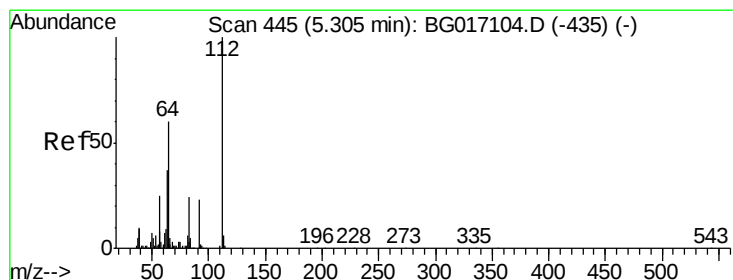
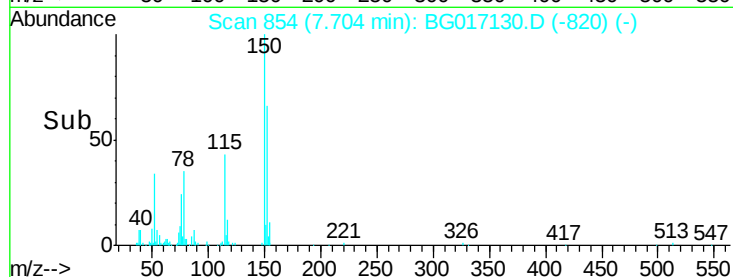
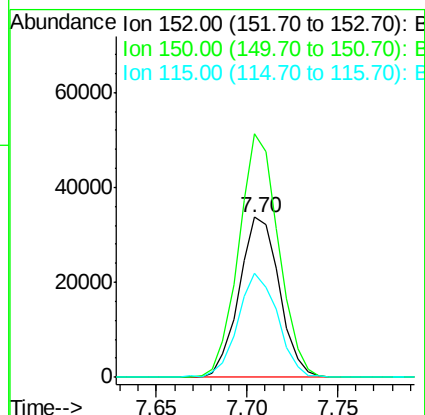
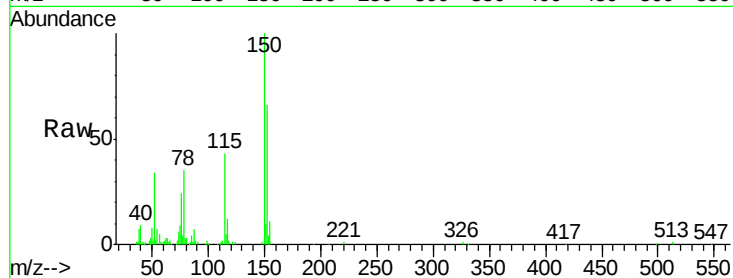


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017130.D
Acq: 14 May 2015 5:01

Instrument :
BNA_G
ClientSampleId :
TW-56

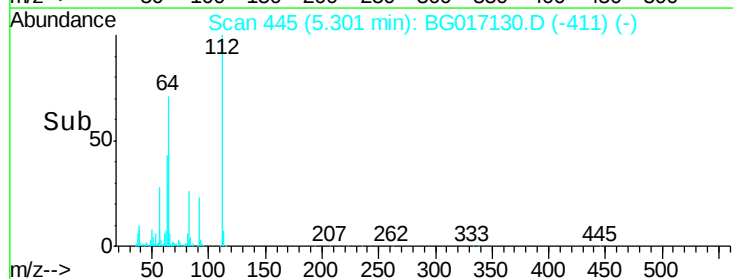
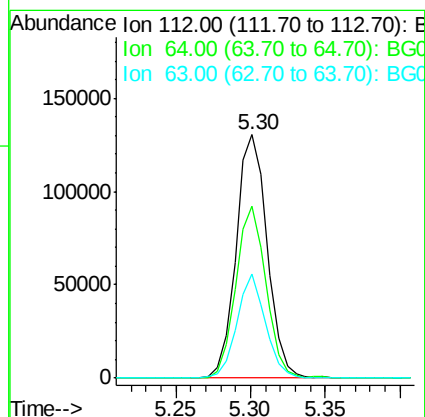
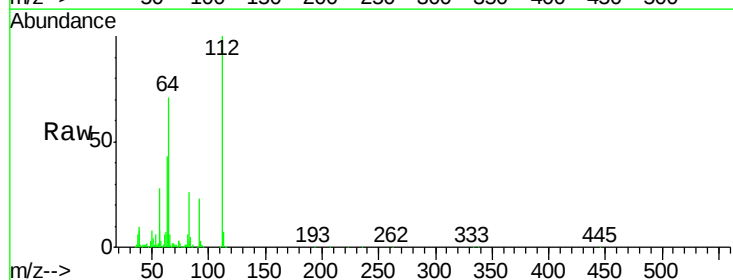
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	120.8	181.2
115	64.7	49.4	74.2

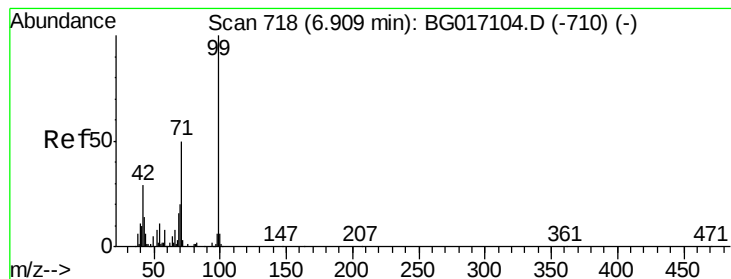


#5

2-Fluorophenol
Concen: 64.54 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017130.D
Acq: 14 May 2015 5:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	48.1	72.1
63	42.9	29.8	44.8





#7

Phenol-d6

Concen: 39.10 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampleId :

TW-56

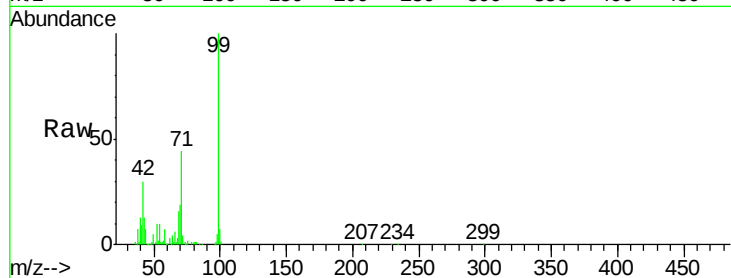
Tgt Ion: 99 Resp: 160776

Ion Ratio Lower Upper

99 100

42 30.4 23.5 35.3

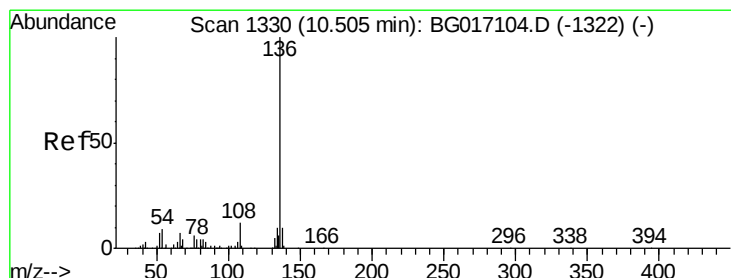
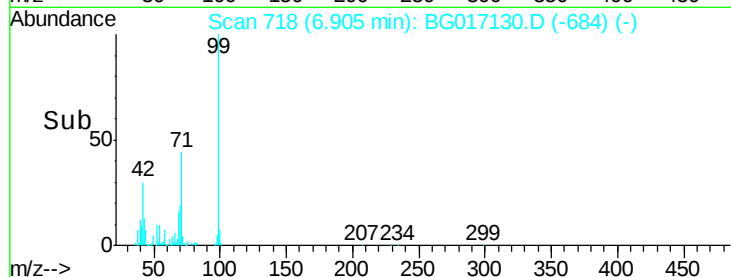
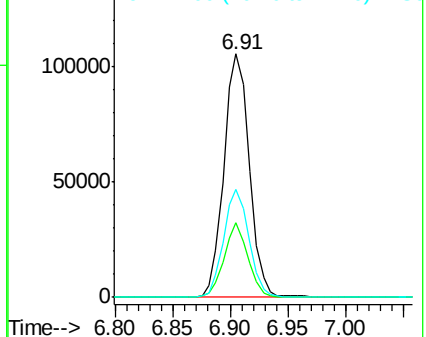
71 44.4 39.8 59.8



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# 1330

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Tgt Ion: 136 Resp: 223527

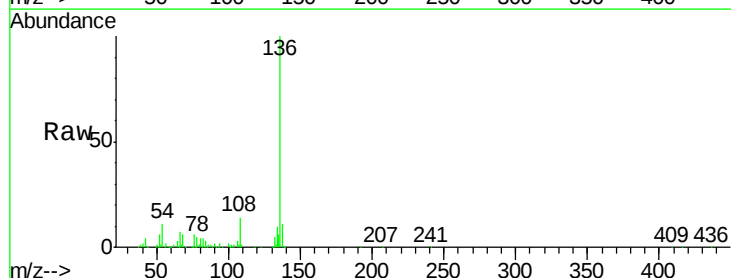
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 11.1 7.4 11.2

68 6.5 3.6 5.4#

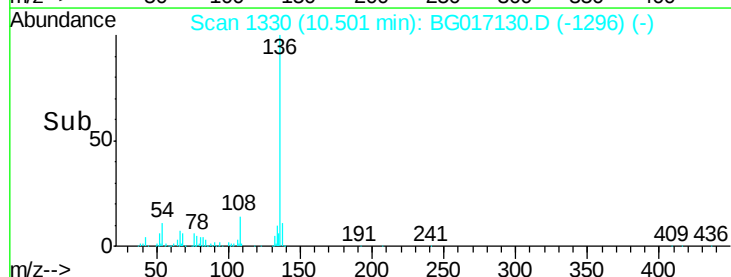
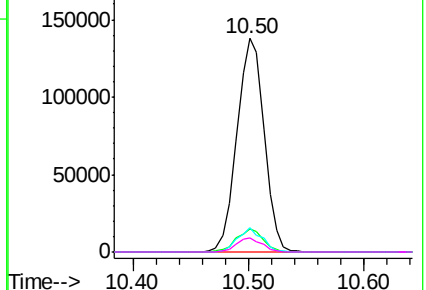


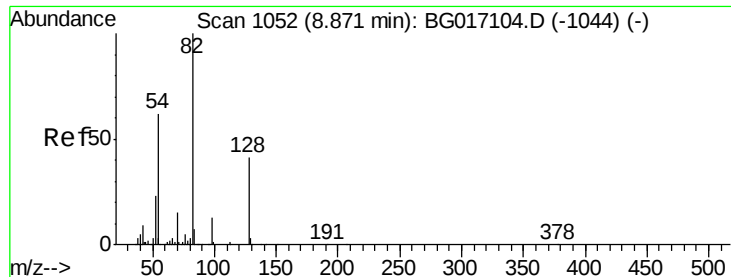
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 83.50 ng

RT: 8.87 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampleId :

TW-56

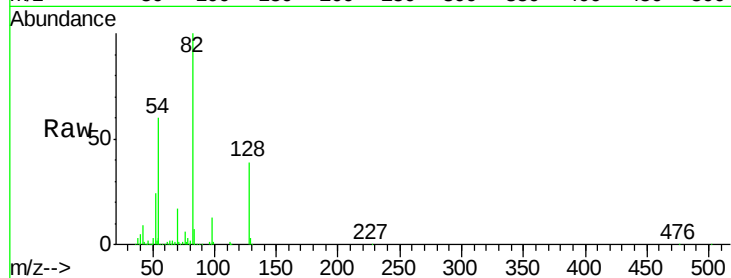
Tgt Ion: 82 Resp: 399786

Ion Ratio Lower Upper

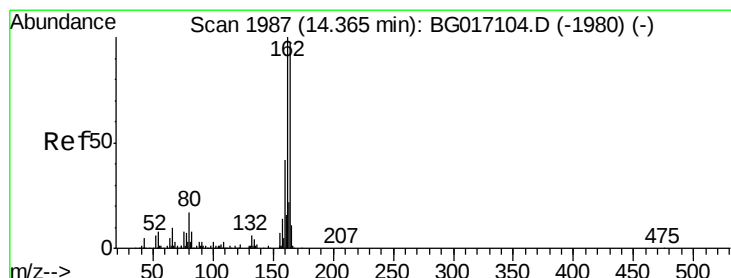
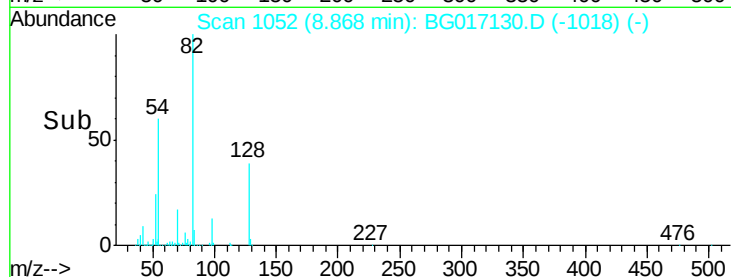
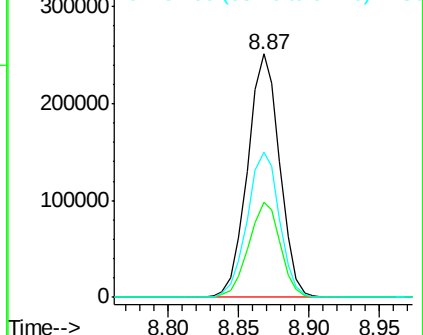
82 100

128 39.1 32.6 49.0

54 59.5 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: 14.36 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

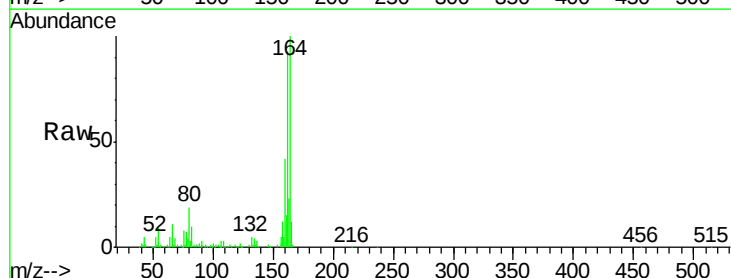
Tgt Ion: 164 Resp: 150087

Ion Ratio Lower Upper

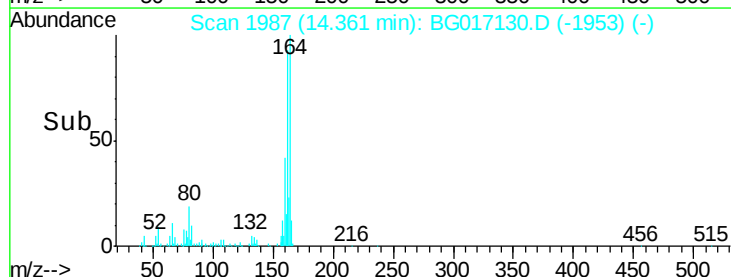
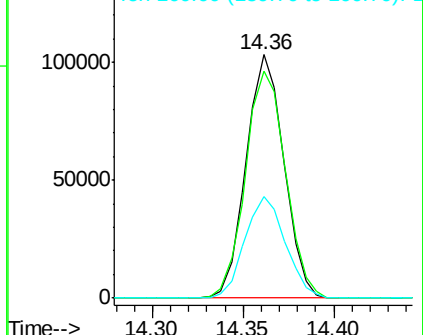
164 100

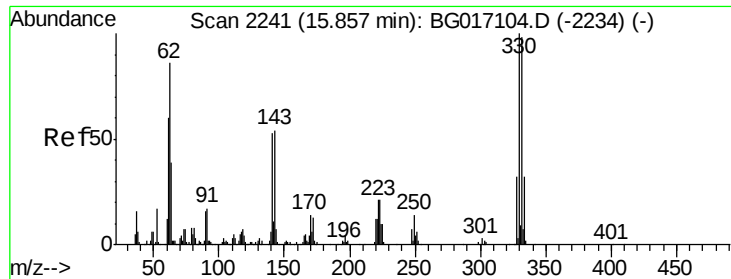
162 93.1 82.1 123.1

160 41.6 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

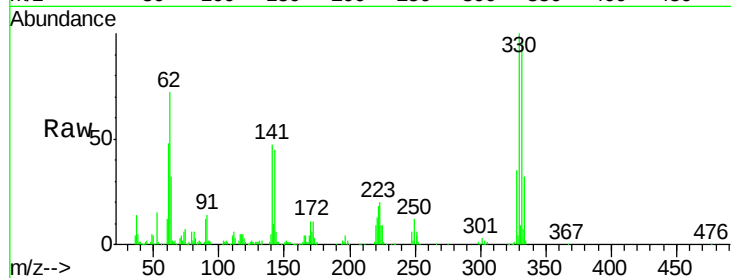




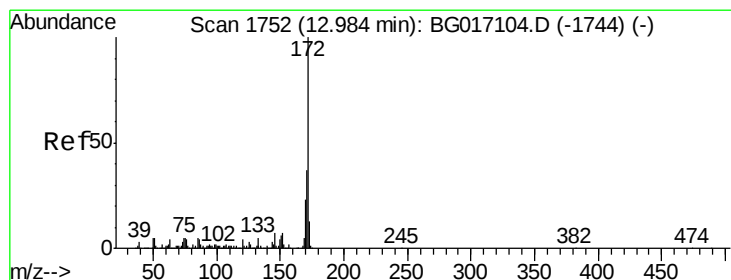
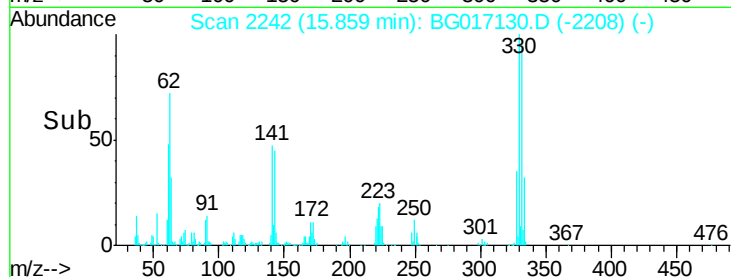
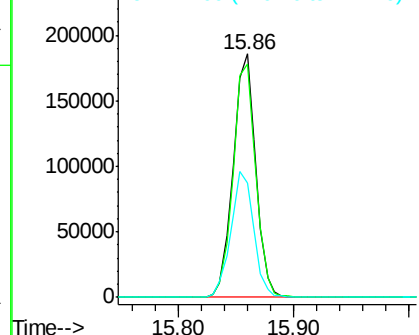
#41
 2,4,6-Tribromophenol
 Concen: 138.35 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017130.D
 Acq: 14 May 2015 5:01

Instrument :
 BNA_G
 ClientSampled :
 TW-56

Tgt Ion:330 Resp: 251013
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 52.5 42.2 63.2

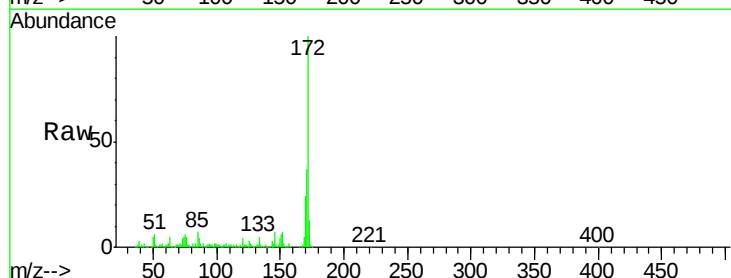


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

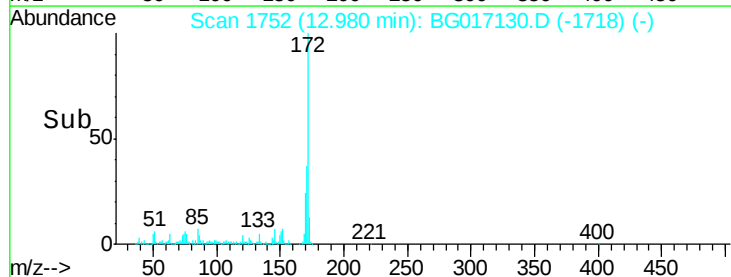
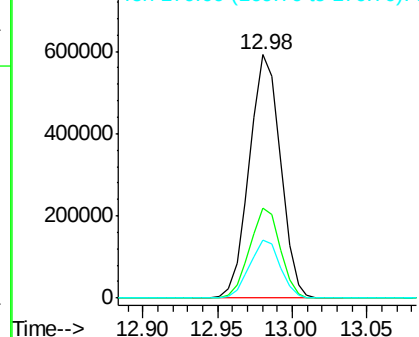


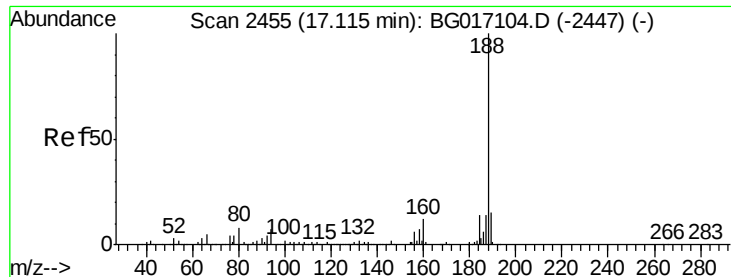
#44
 2-Fluorobiphenyl
 Concen: 83.44 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017130.D
 Acq: 14 May 2015 5:01

Tgt Ion:172 Resp: 853420
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 23.9 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: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampleId :

TW-56

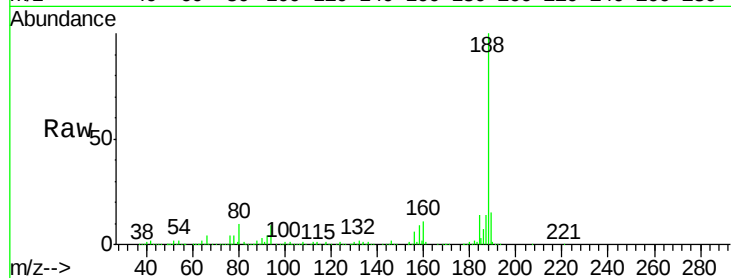
Tgt Ion:188 Resp: 357121

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

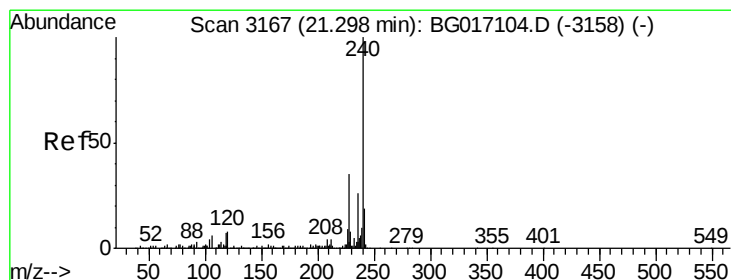
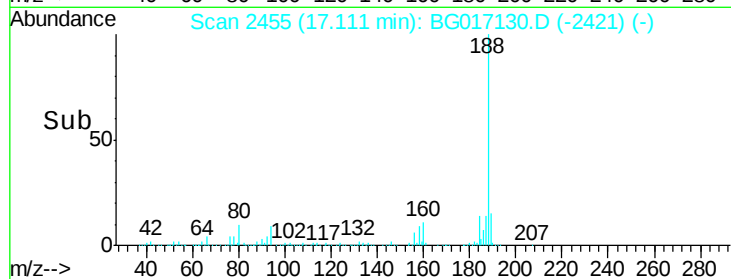
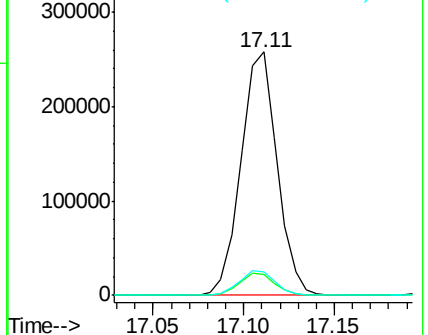
80 9.6 6.5 9.7



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# 3167

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

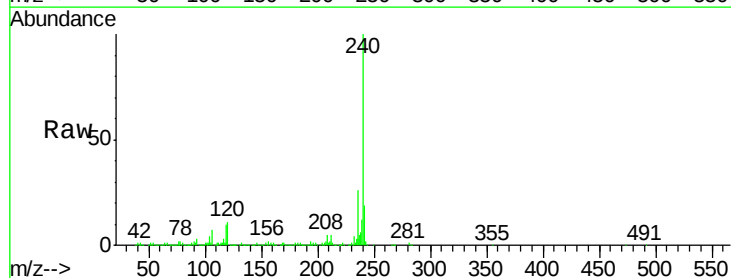
Tgt Ion:240 Resp: 350541

Ion Ratio Lower Upper

240 100

120 11.0 6.0 9.0#

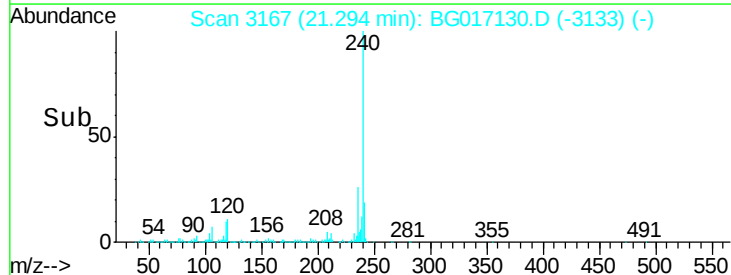
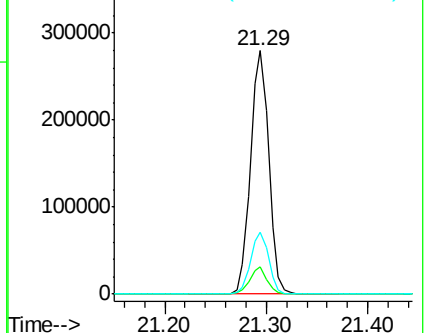
236 25.5 20.5 30.7



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: 84.19 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

Instrument :

BNA_G

ClientSampleId :

TW-56

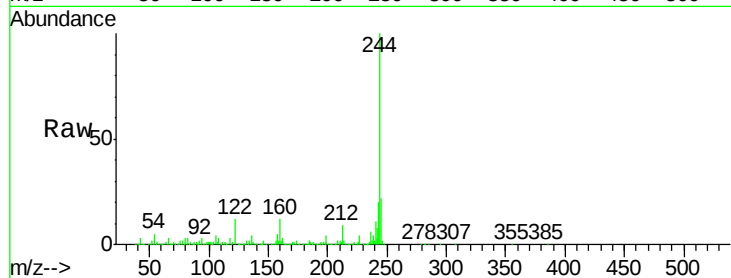
Tgt Ion:244 Resp: 1416260

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

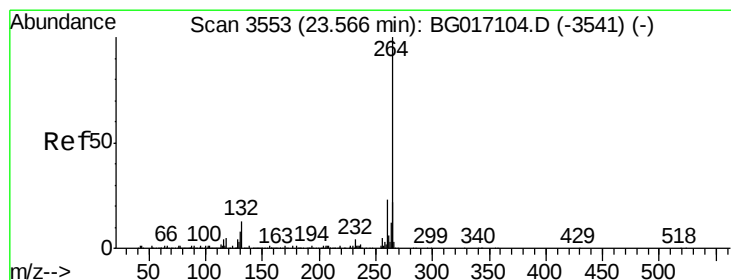
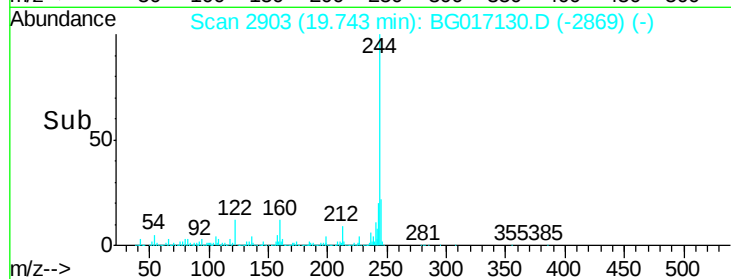
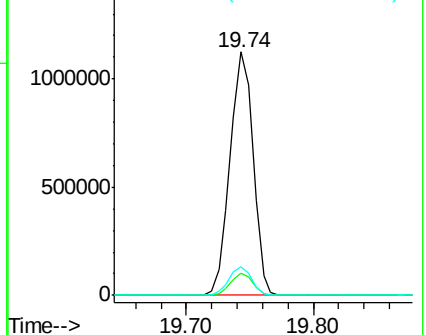
122 11.7 8.4 12.6



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# 3553

Delta R.T. -0.00 min

Lab File: BG017130.D

Acq: 14 May 2015 5:01

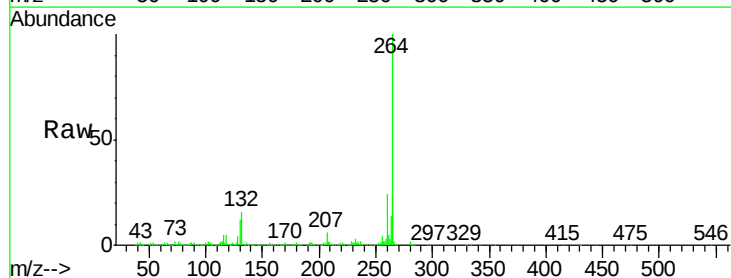
Tgt Ion:264 Resp: 346111

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 22.8 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

