

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017330.D
 Acq On : 28 May 2015 18:01
 Operator : TP/IZ
 Sample : G2387-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUBSURFACE-DUP

Quant Time: May 29 01:14:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 01:04:23 2015
 Response via : Initial Calibration

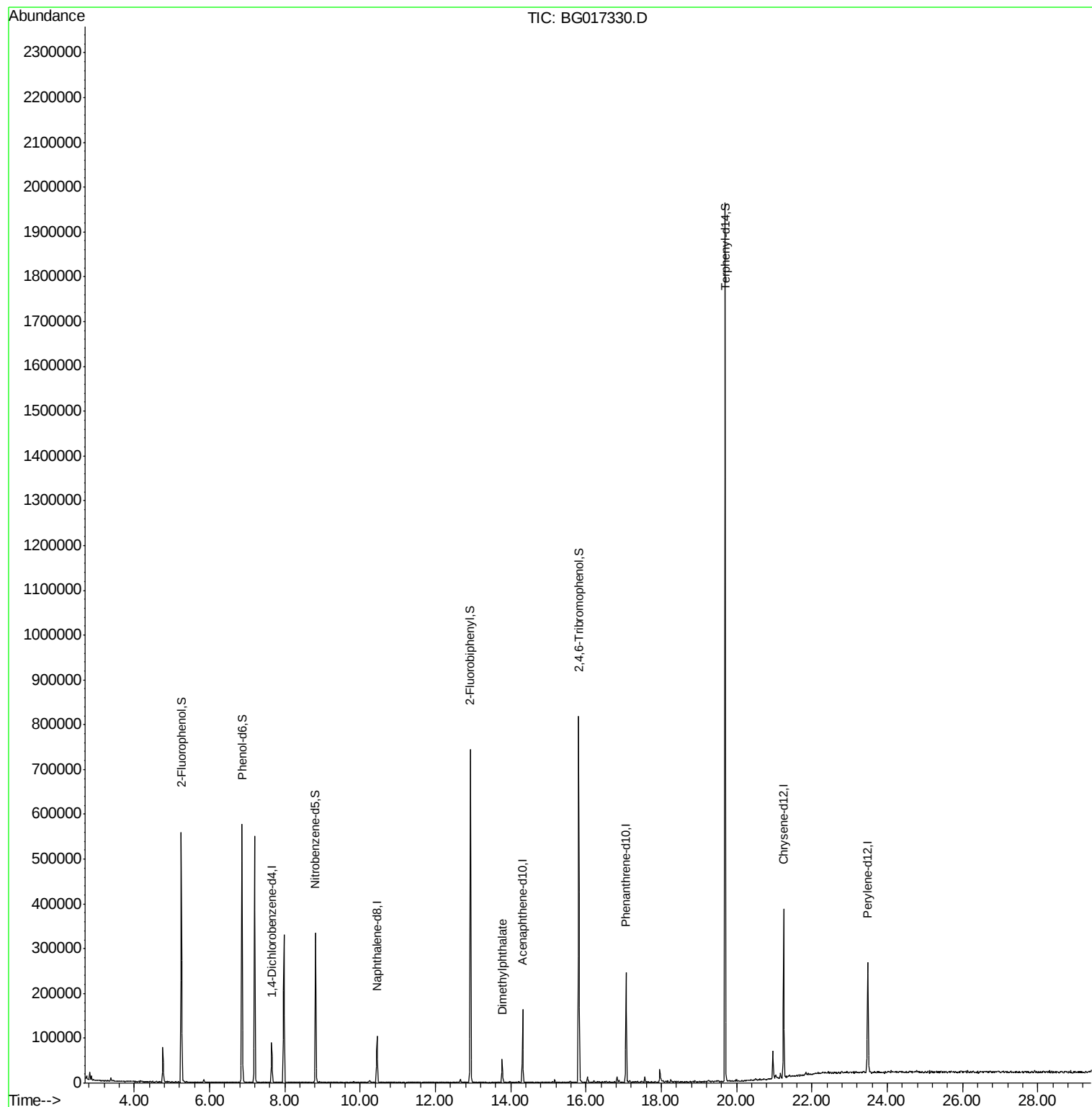
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	20056	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	77988	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	52724	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	131602	20.00	ng	0.00
75) Chrysene-d12	21.25	240	159760	20.00	ng	0.00
86) Perylene-d12	23.49	264	155320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	188041	166.35	ng	0.00
7) Phenol-d6	6.86	99	253890	160.05	ng	0.00
23) Nitrobenzene-d5	8.82	82	167900	100.51	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	115025	180.47	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	335264	93.31	ng	0.00
78) Terphenyl-d14	19.70	244	736047	96.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.77	163	30585	7.42	ng	Qvalue # 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

SUBSURFACE-DUP

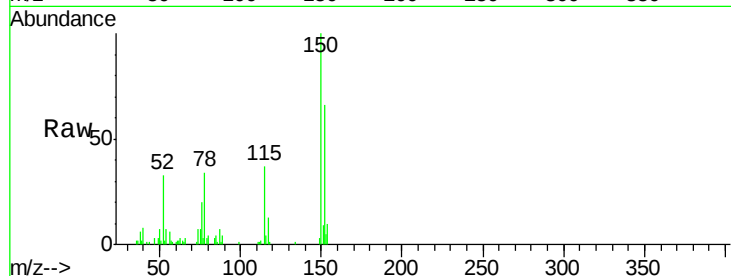
Tgt Ion:152 Resp: 20056

Ion Ratio Lower Upper

152 100

150 151.6 120.8 181.2

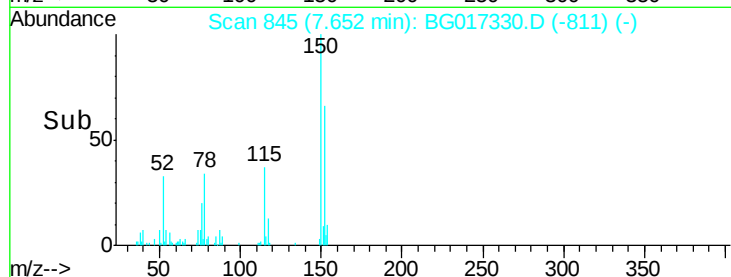
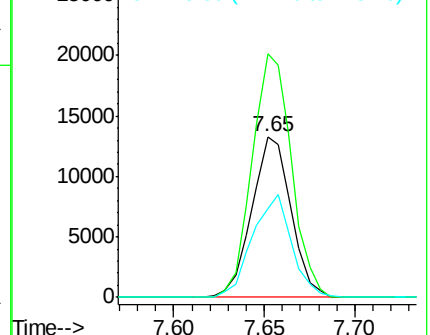
115 55.6 49.4 74.2



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: 166.35 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

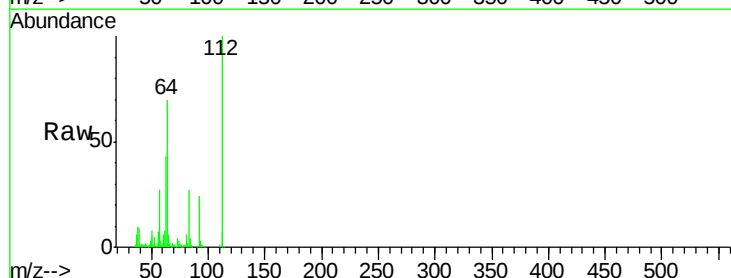
Tgt Ion:112 Resp: 188041

Ion Ratio Lower Upper

112 100

64 69.5 48.1 72.1

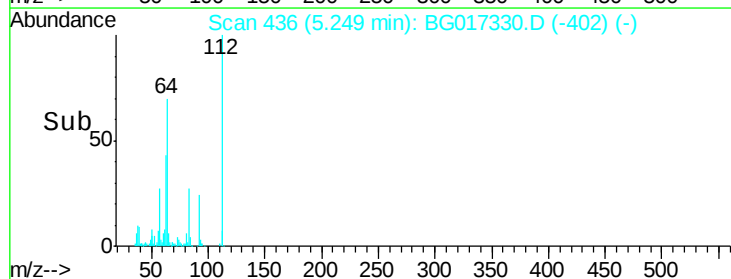
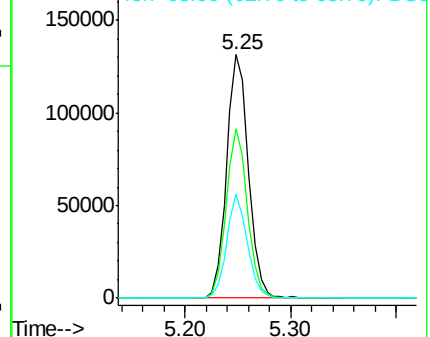
63 42.9 29.8 44.8

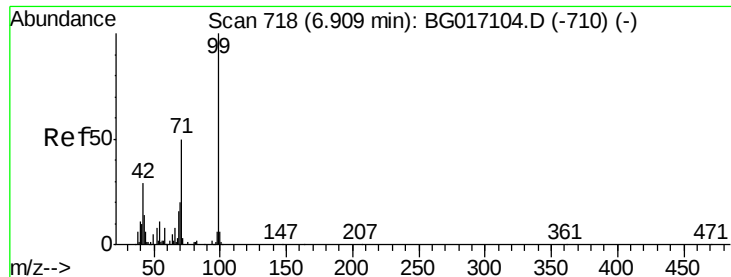


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 160.05 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

SUBSURFACE-DUP

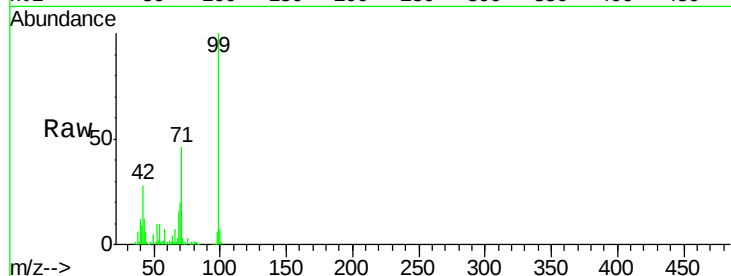
Tgt Ion: 99 Resp: 253890

Ion Ratio Lower Upper

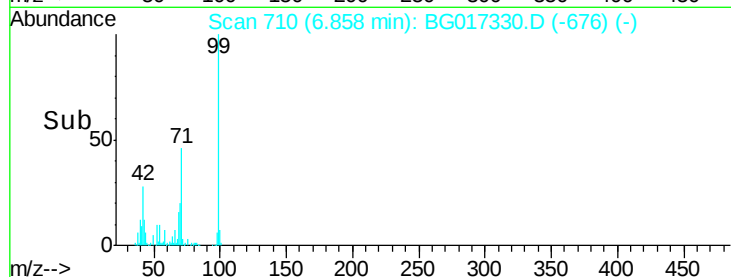
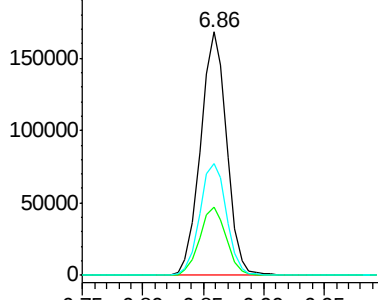
99 100

42 28.2 23.5 35.3

71 45.9 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: BG017330.D

Acq: 28 May 2015 18:01

Tgt Ion: 136 Resp: 77988

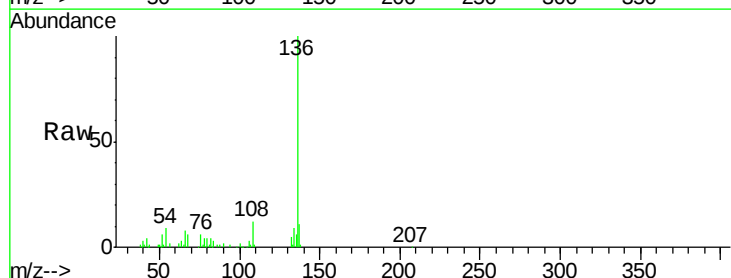
Ion Ratio Lower Upper

136 100

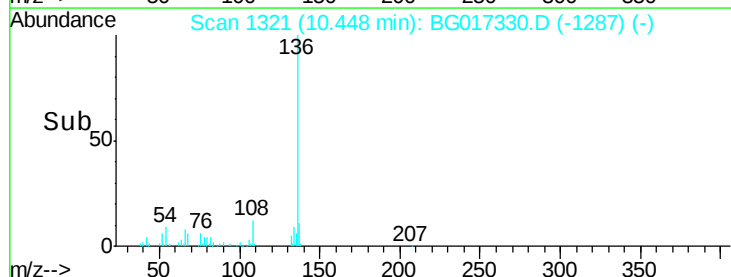
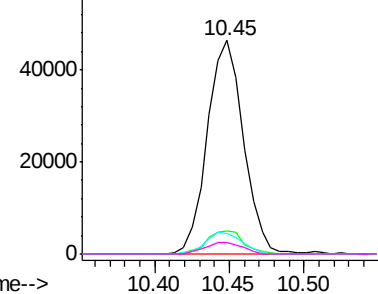
137 10.6 8.3 12.5

54 9.5 7.4 11.2

68 5.6 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

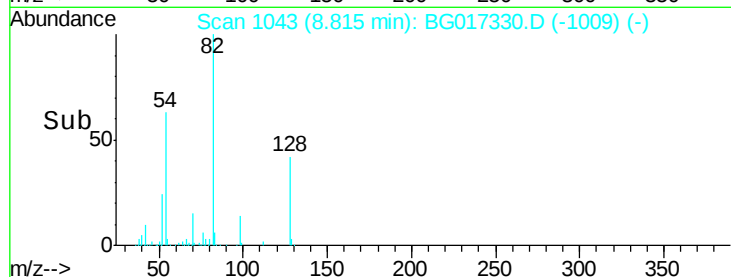
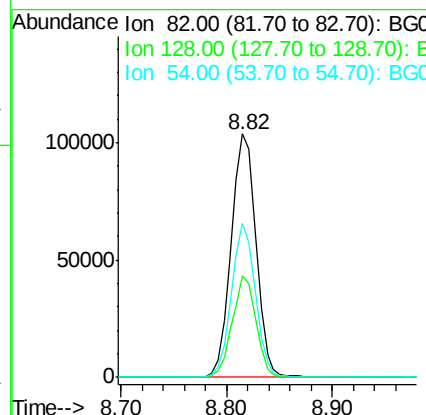
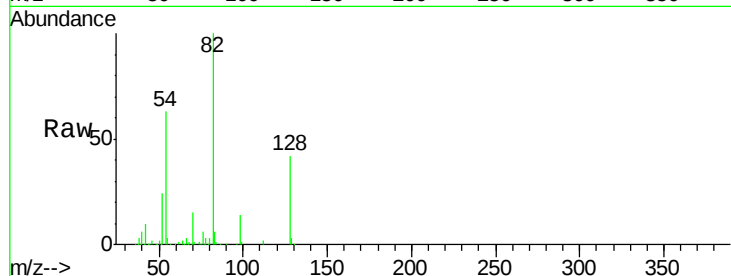




#23
 Nitrobenzene-d5
 Concen: 100.51 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017330.D
 Acq: 28 May 2015 18:01

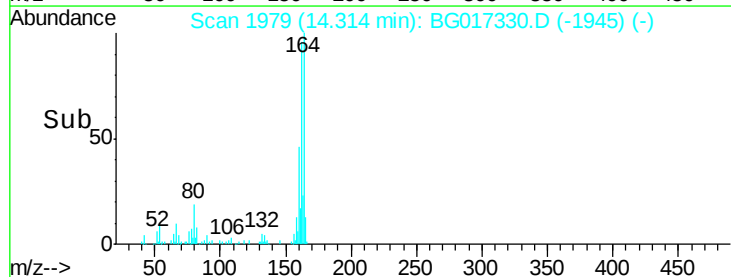
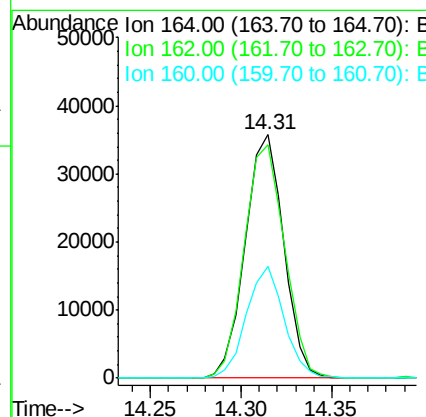
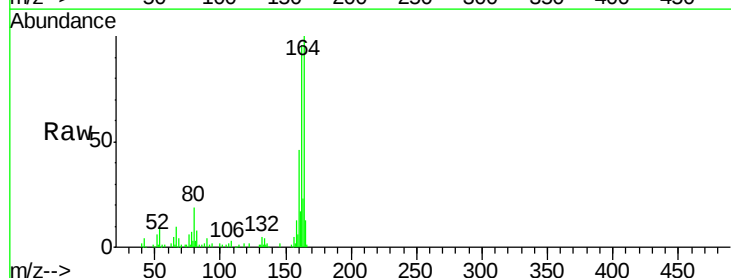
Instrument :
 BNA_G
 ClientSampleId :
 SUBSURFACE-DUP

Tgt Ion: 82 Resp: 167900
 Ion Ratio Lower Upper
 82 100
 128 41.7 32.6 49.0
 54 63.4 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG017330.D
 Acq: 28 May 2015 18:01

Tgt Ion: 164 Resp: 52724
 Ion Ratio Lower Upper
 164 100
 162 96.1 82.1 123.1
 160 46.2 34.8 52.2

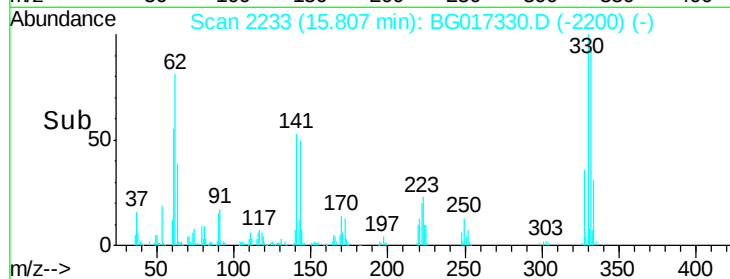
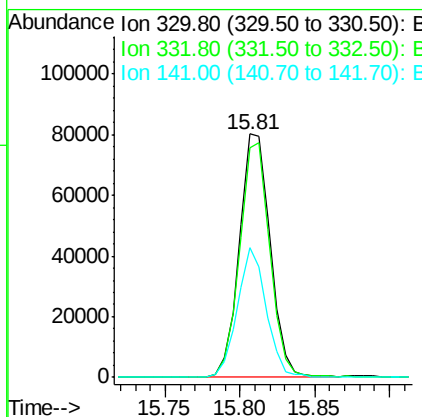
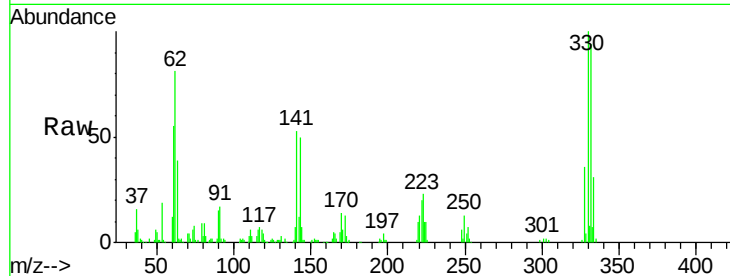




#41
 2,4,6-Tribromophenol
 Concen: 180.47 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017330.D
 Acq: 28 May 2015 18:01

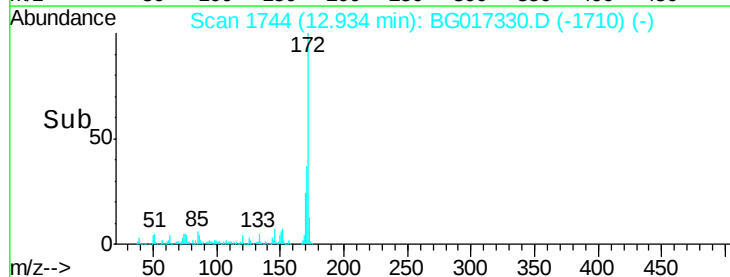
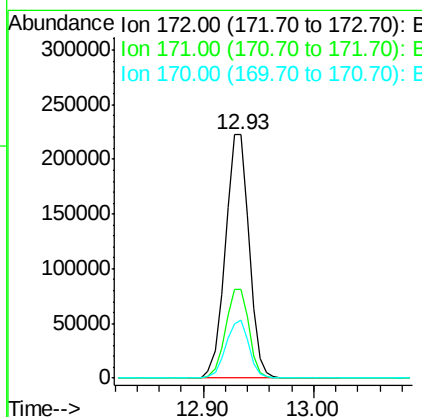
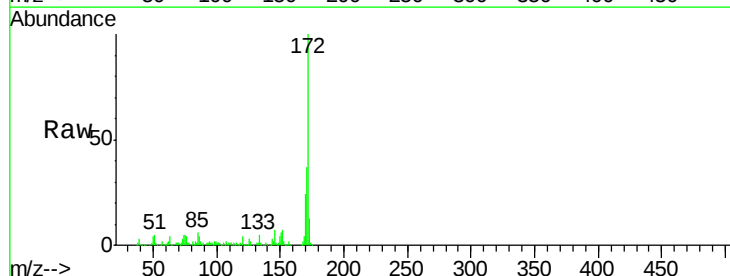
Instrument :
 BNA_G
 ClientSampleId :
 SUBSURFACE-DUP

Tgt Ion: 330 Resp: 115025
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.9 115.3
 141 50.4 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 93.31 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG017330.D
 Acq: 28 May 2015 18:01

Tgt Ion: 172 Resp: 335264
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.6 18.4 27.6





#49

Dimethylphthalate

Concen: 7.42 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

SUBSURFACE-DUP

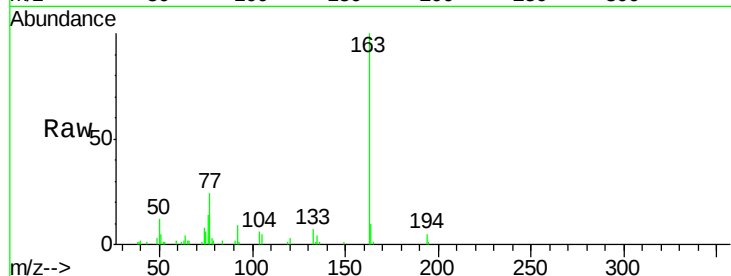
Tgt Ion:163 Resp: 30585

Ion Ratio Lower Upper

163 100

194 5.1 5.6 8.4#

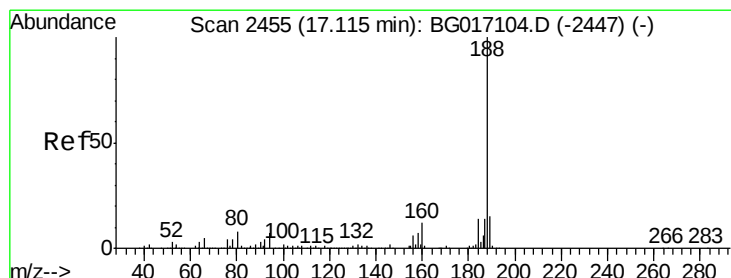
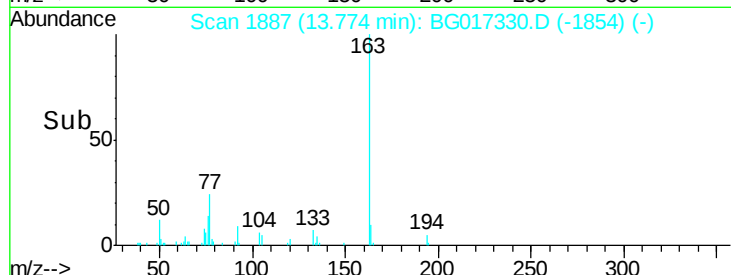
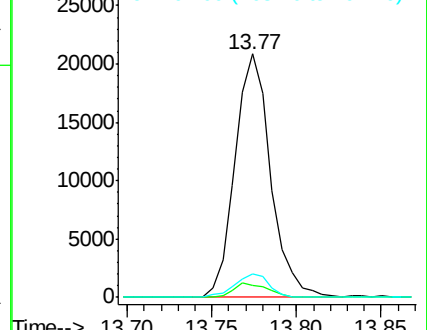
164 9.7 8.6 13.0



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: 17.06 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

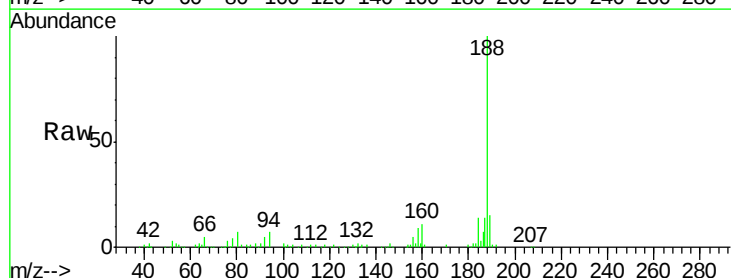
Tgt Ion:188 Resp: 131602

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

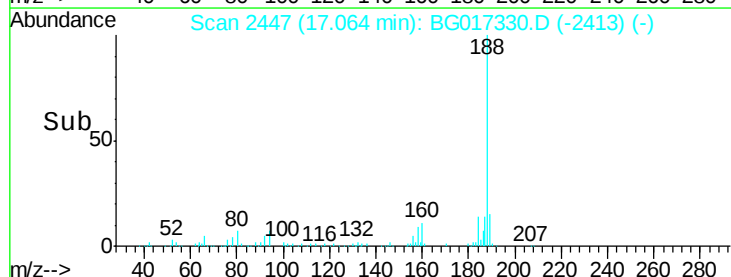
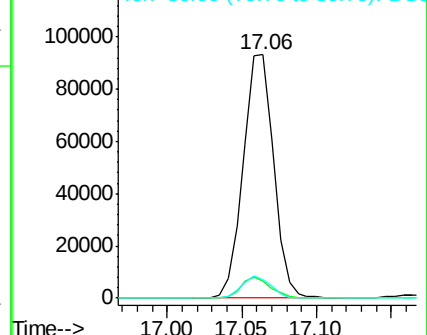
80 7.4 6.5 9.7



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. -0.00 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

Instrument :

BNA_G

ClientSampleId :

SUBSURFACE-DUP

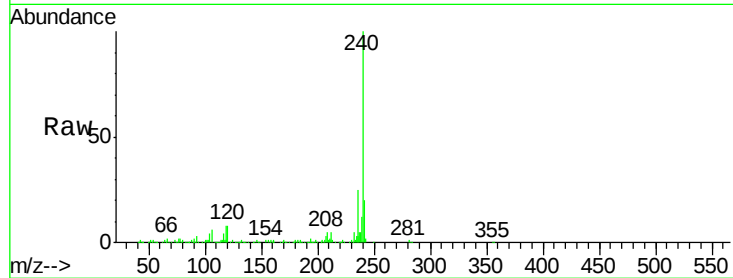
Tgt Ion:240 Resp: 159760

Ion Ratio Lower Upper

240 100

120 8.2 6.0 9.0

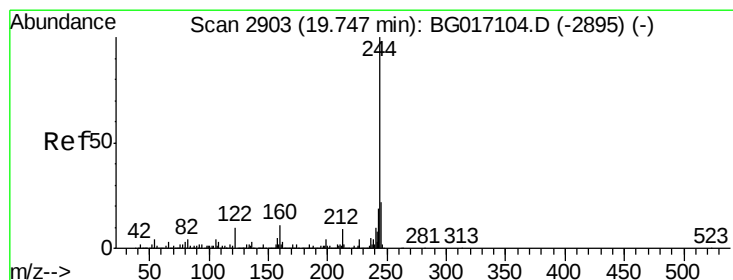
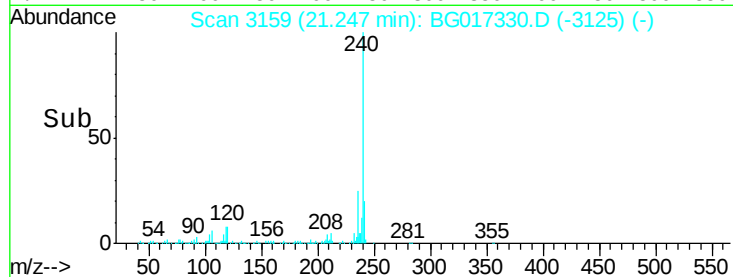
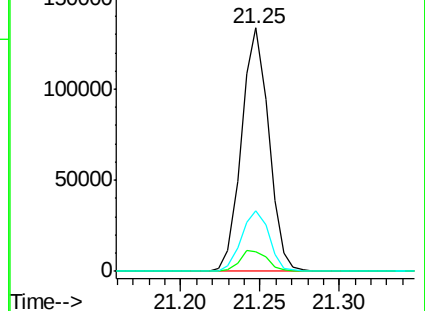
236 24.9 20.5 30.7



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: 96.01 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG017330.D

Acq: 28 May 2015 18:01

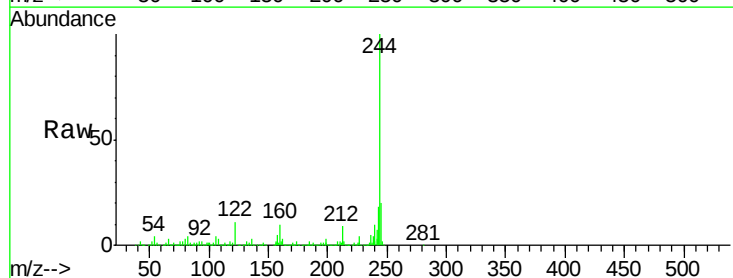
Tgt Ion:244 Resp: 736047

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

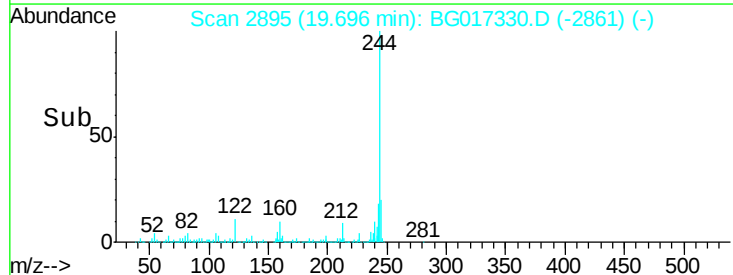
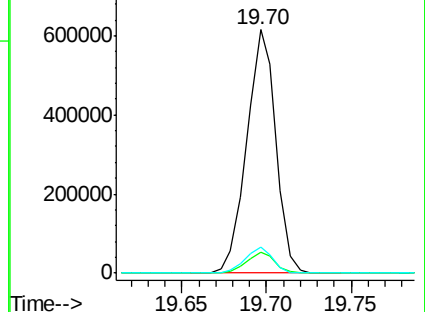
122 10.6 8.4 12.6

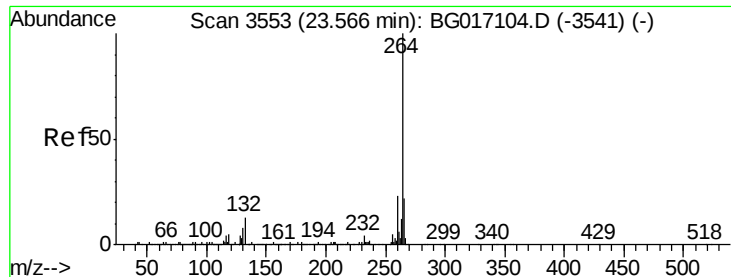


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

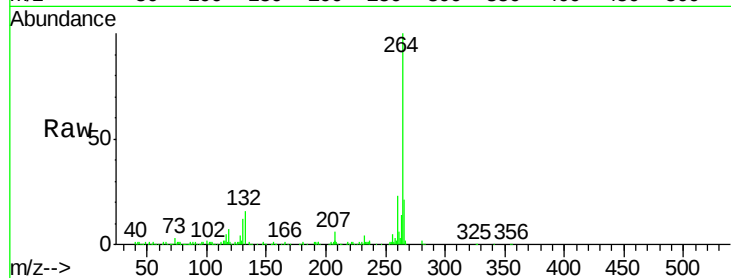




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BG017330.D
Acq: 28 May 2015 18:01

Instrument :
BNA_G
ClientSampleId :
SUBSURFACE-DUP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	20.6	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

