

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017957.D
 Acq On : 18 Jul 2015 11:08
 Operator : TP/UM
 Sample : G2996-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-EAST-FLOOR1-071415

Quant Time: Jul 20 01:54:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

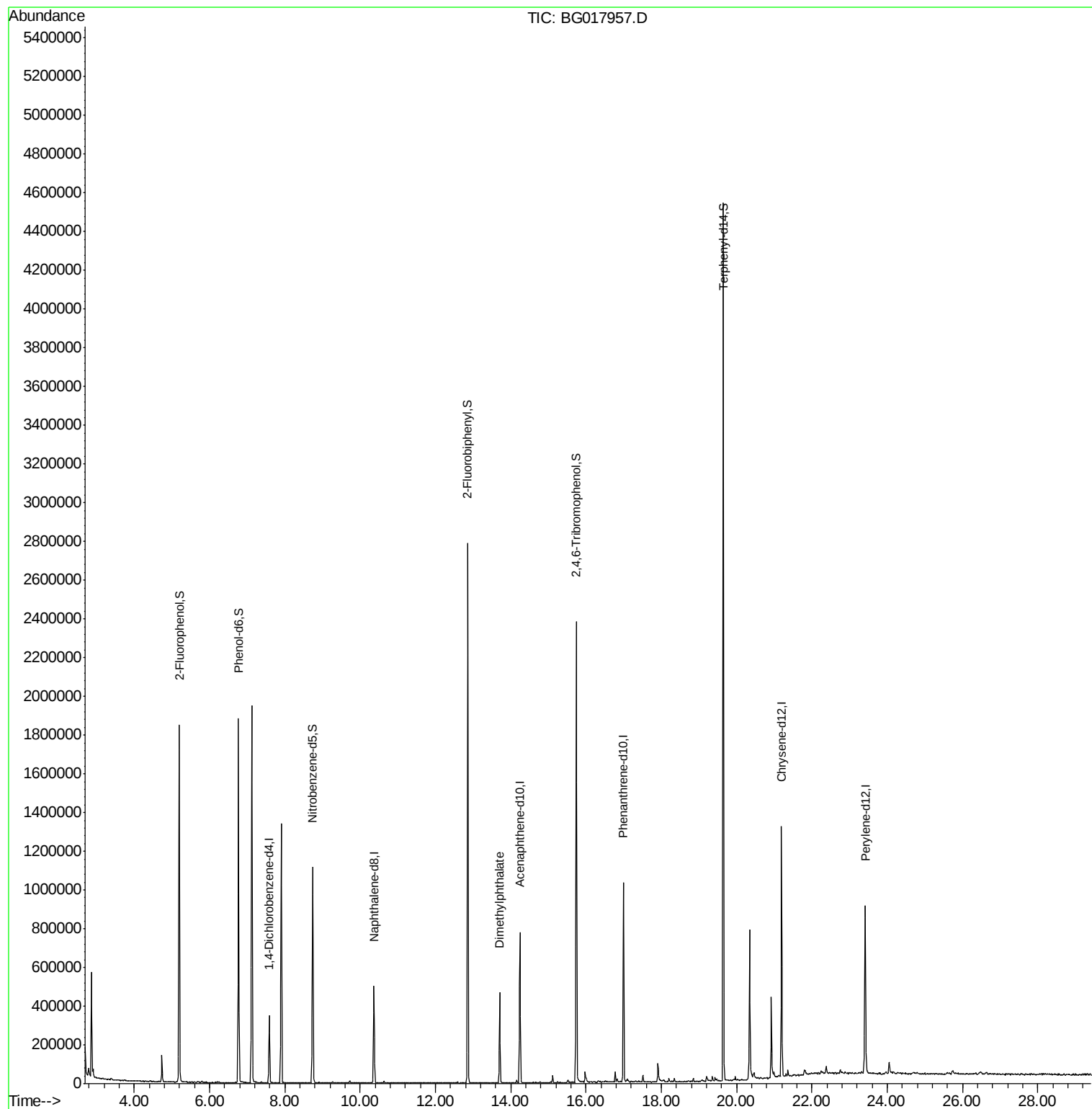
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	95515	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	432058	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	271189	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	573010	20.00	ng	0.00
75) Chrysene-d12	21.19	240	571771	20.00	ng	0.00
86) Perylene-d12	23.41	264	563967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	810007	147.94	ng	0.00
7) Phenol-d6	6.77	99	1083370	151.03	ng	0.00
23) Nitrobenzene-d5	8.74	82	622468	93.31	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	411772	149.87	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1345684	85.99	ng	0.00
78) Terphenyl-d14	19.64	244	1794395	79.05	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	56	Below Cal	#	1
49) Dimethylphthalate	13.70	163	282279	14.98	ng	100
69) Pentachlorophenol	16.66	266	54	Below Cal	#	18

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

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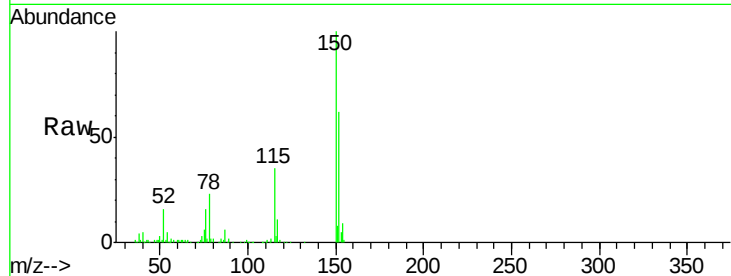


#1

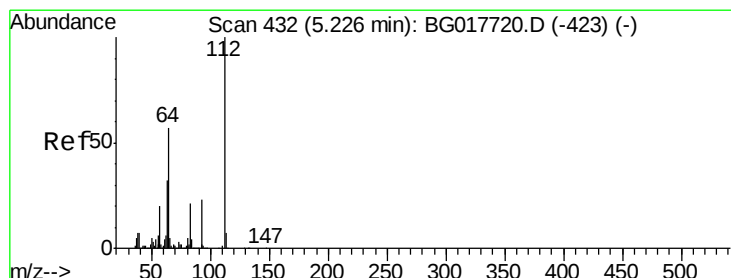
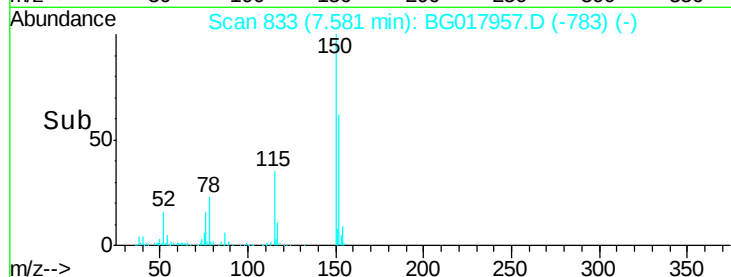
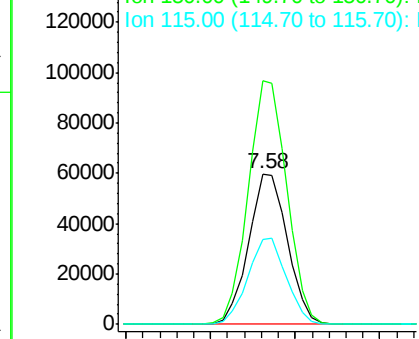
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017957.D
Acq: 18 Jul 2015 11:08

Instrument :
BNA_G
ClientSampleId :
SOUTH-EAST-FLOOR1-071415

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.9	119.1	178.7
115	56.6	47.0	70.4



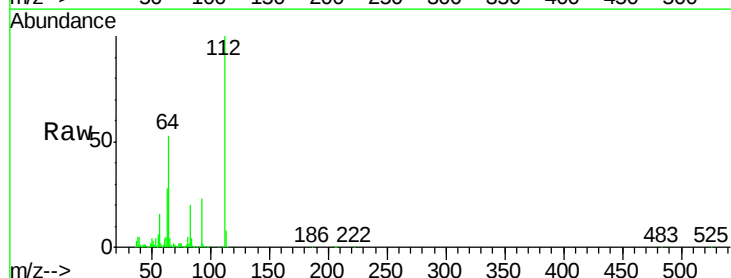
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



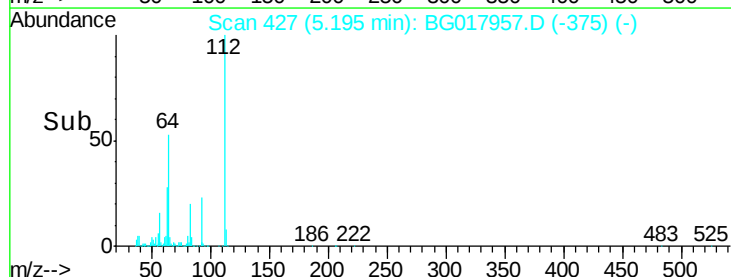
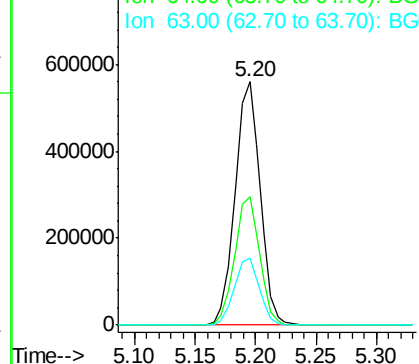
#5

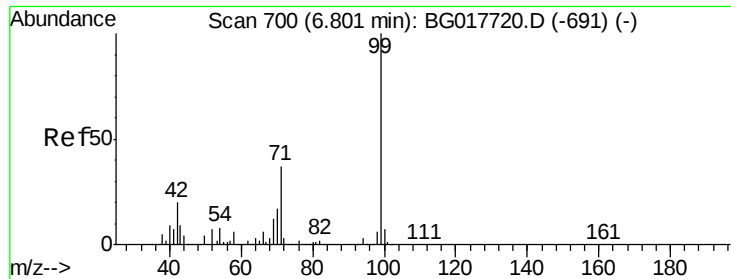
2-Fluorophenol
Concen: 147.94 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017957.D
Acq: 18 Jul 2015 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	45.4	68.0
63	27.7	25.3	37.9



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: 151.03 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG017957.D

Acq: 18 Jul 2015 11:08

Instrument :

BNA_G

ClientSampleId :

SOUTH-EAST-FLOOR1-071415

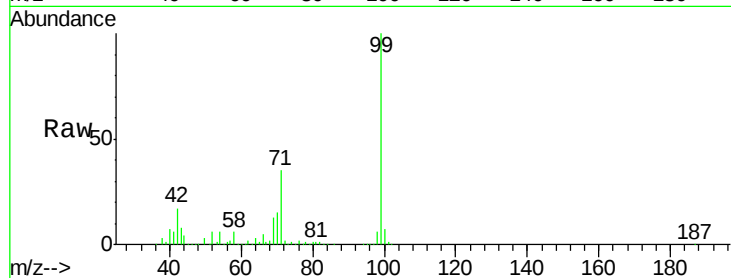
Tgt Ion: 99 Resp: 1083370

Ion Ratio Lower Upper

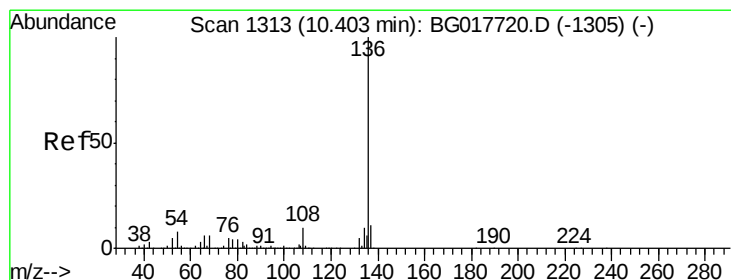
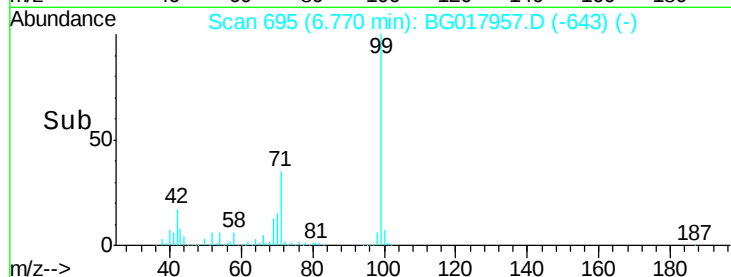
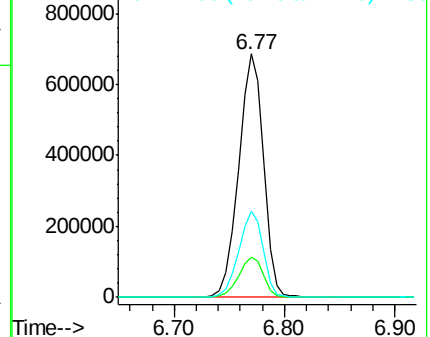
99 100

42 16.7 16.2 24.4

71 35.4 29.5 44.3



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: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017957.D

Acq: 18 Jul 2015 11:08

Tgt Ion: 136 Resp: 432058

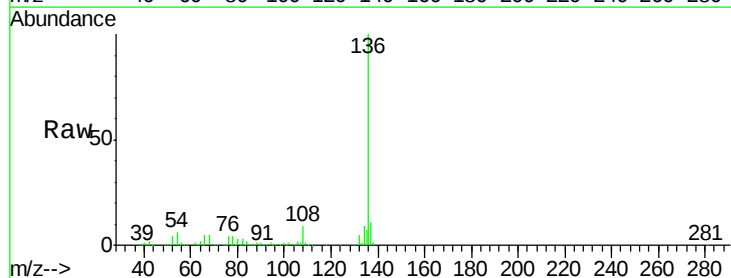
Ion Ratio Lower Upper

136 100

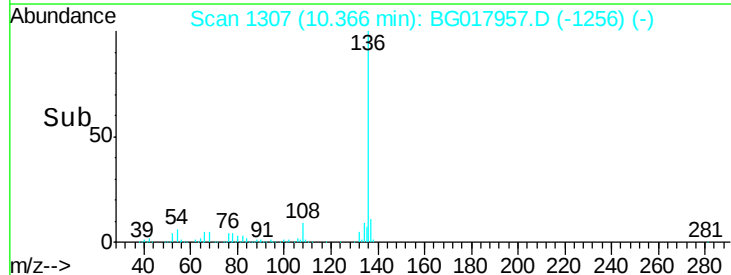
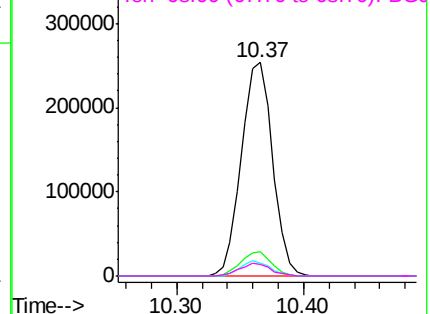
137 11.2 8.8 13.2

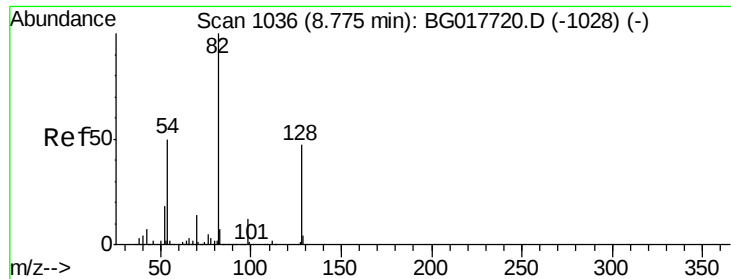
54 6.2 6.6 9.8#

68 5.4 5.1 7.7



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

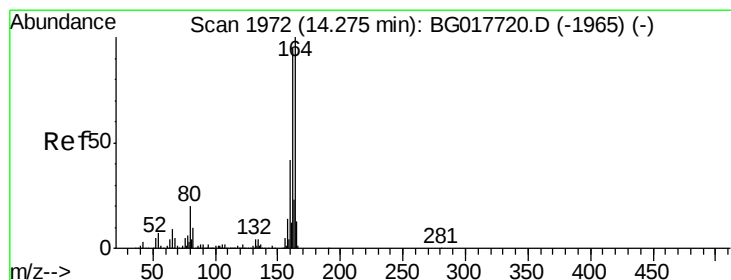
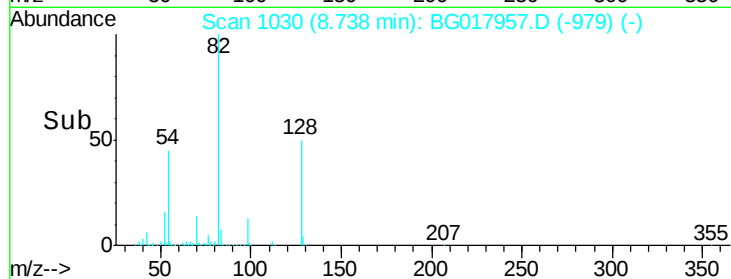
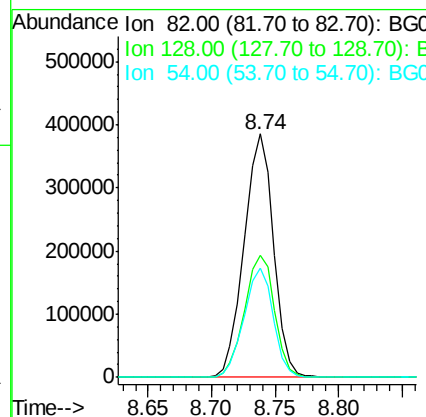
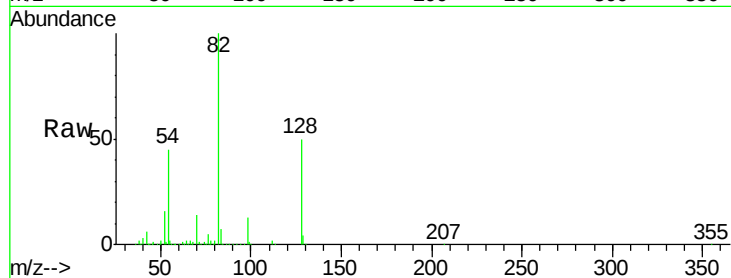




#23
 Nitrobenzene-d5
 Concen: 93.31 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017957.D
 Acq: 18 Jul 2015 11:08

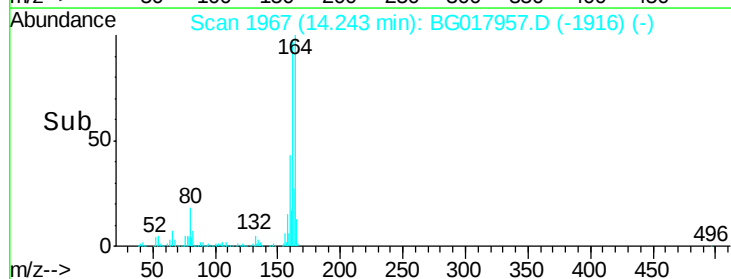
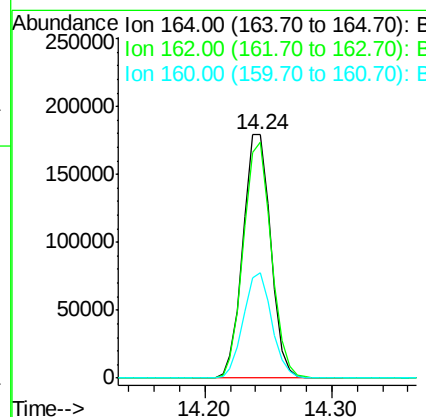
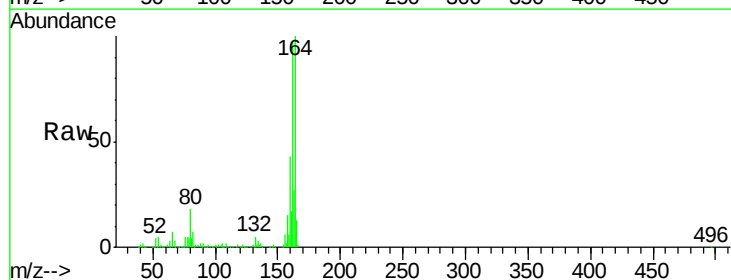
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-EAST-FLOOR1-071415

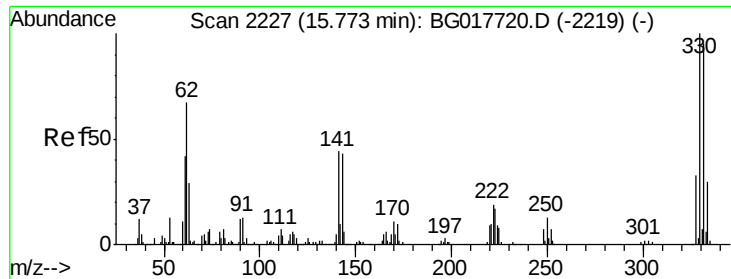
Tgt Ion: 82 Resp: 622468
 Ion Ratio Lower Upper
 82 100
 128 50.1 37.8 56.6
 54 45.1 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG017957.D
 Acq: 18 Jul 2015 11:08

Tgt Ion: 164 Resp: 271189
 Ion Ratio Lower Upper
 164 100
 162 97.1 76.3 114.5
 160 43.4 33.7 50.5

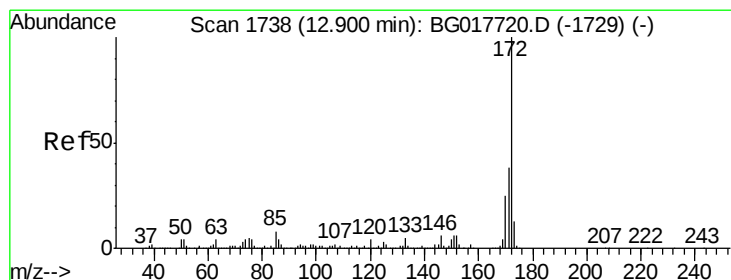
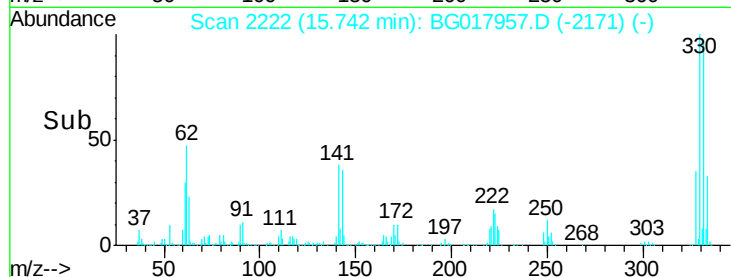
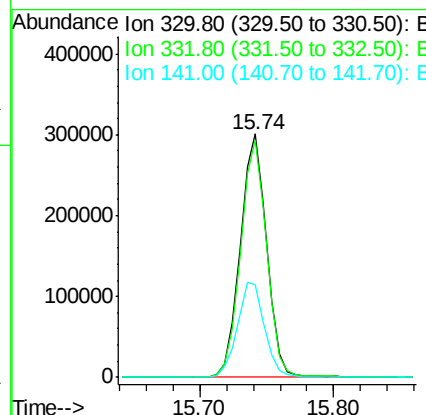
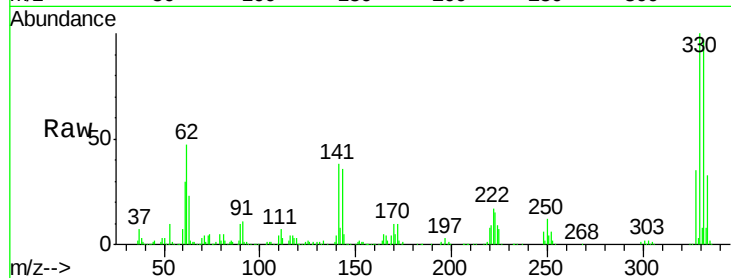




#41
 2,4,6-Tribromophenol
 Concen: 149.87 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017957.D
 Acq: 18 Jul 2015 11:08

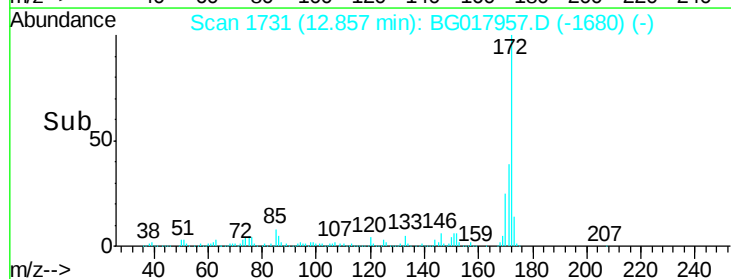
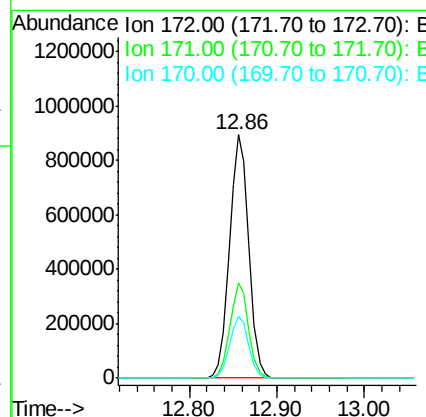
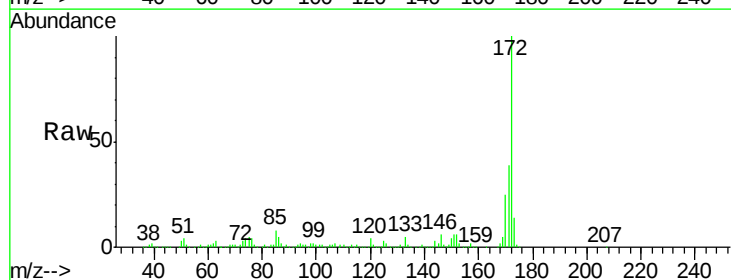
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-EAST-FLOOR1-071415

Tgt Ion:330 Resp: 411772
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 40.8 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: 85.99 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017957.D
 Acq: 18 Jul 2015 11:08

Tgt Ion:172 Resp: 1345684
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.7 46.1
 170 25.2 19.7 29.5





#49

Dimethylphthalate

Concen: 14.98 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017957.D

Acq: 18 Jul 2015 11:08

Instrument :

BNA_G

ClientSampleId :

SOUTH-EAST-FLOOR1-071415

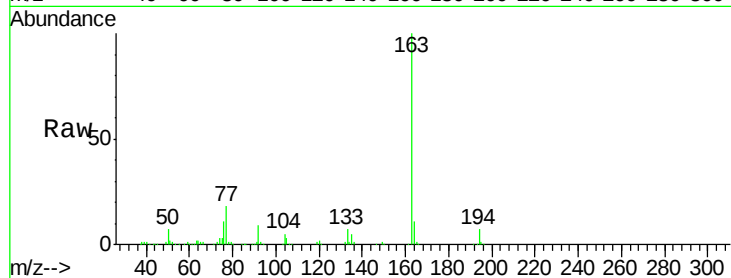
Tgt Ion:163 Resp: 282279

Ion Ratio Lower Upper

163 100

194 6.9 5.8 8.6

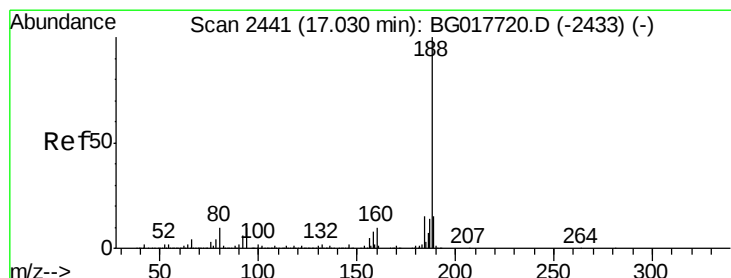
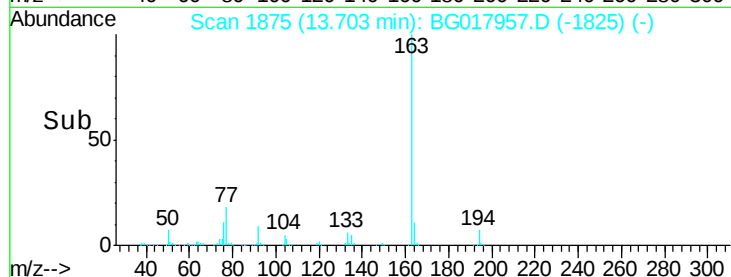
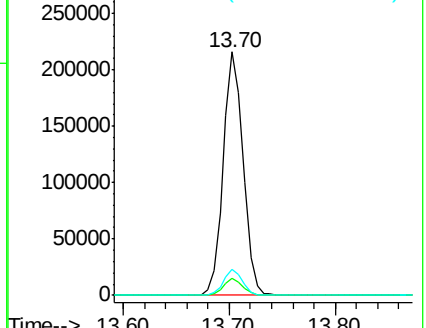
164 10.5 8.3 12.5



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: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017957.D

Acq: 18 Jul 2015 11:08

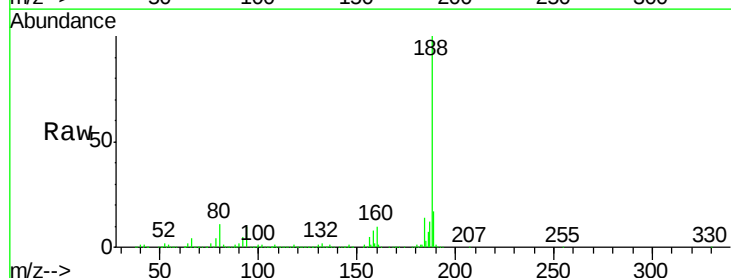
Tgt Ion:188 Resp: 573010

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

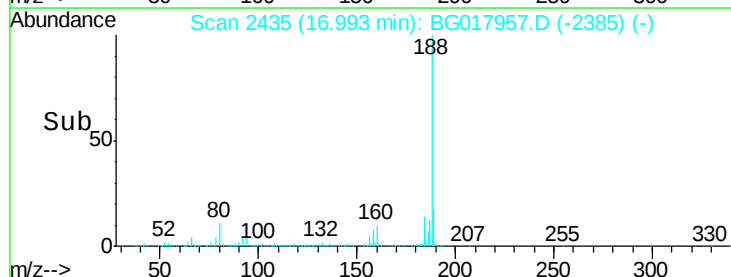
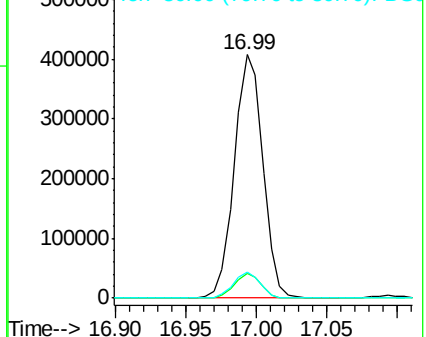
80 10.7 8.2 12.4

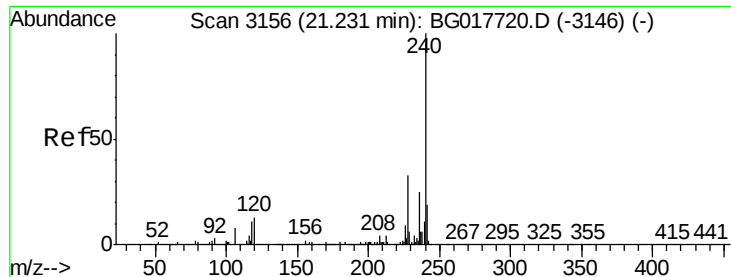


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017957.D

Acq: 18 Jul 2015 11:08

Instrument :

BNA_G

ClientSampleId :

SOUTH-EAST-FLOOR1-071415

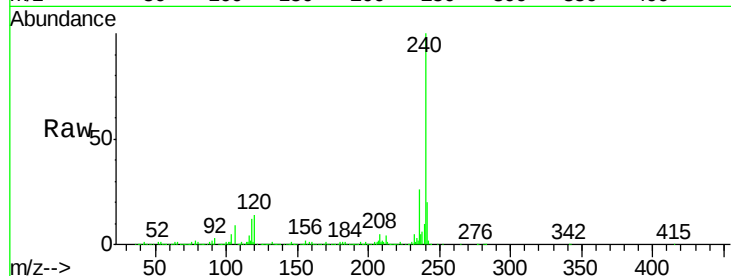
Tgt Ion:240 Resp: 571771

Ion Ratio Lower Upper

240 100

120 13.7 10.8 16.2

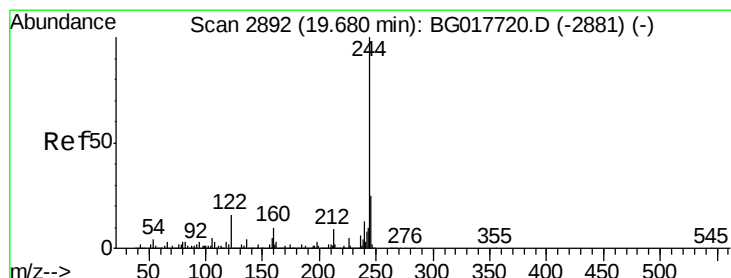
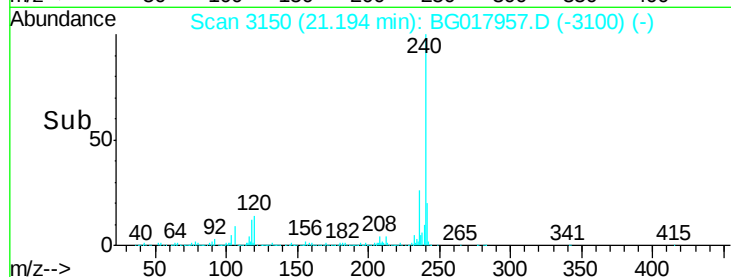
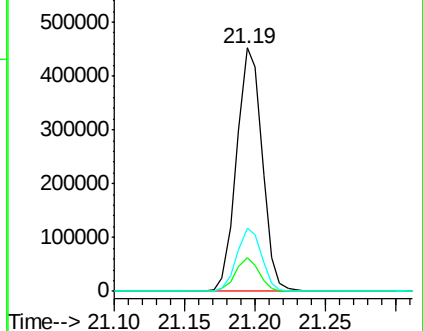
236 26.0 20.0 30.0



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: 79.05 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017957.D

Acq: 18 Jul 2015 11:08

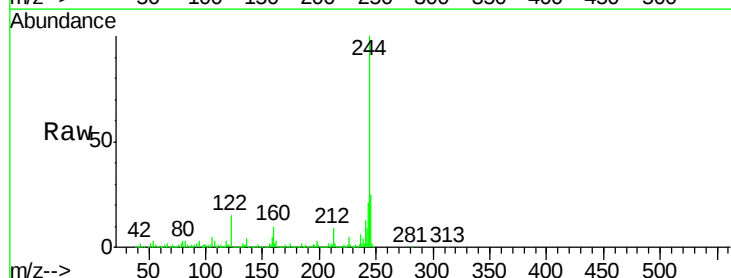
Tgt Ion:244 Resp: 1794395

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

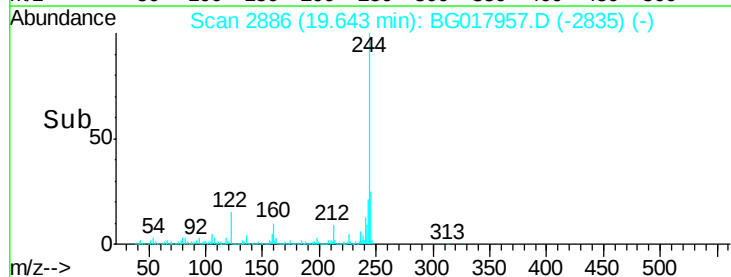
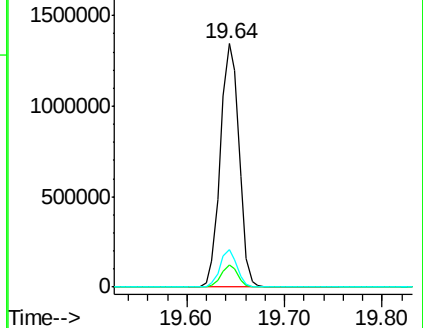
122 15.3 12.8 19.2

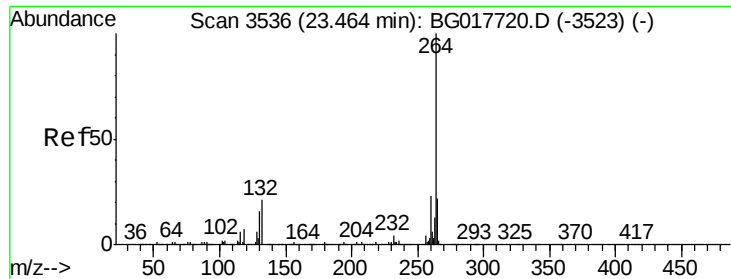


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

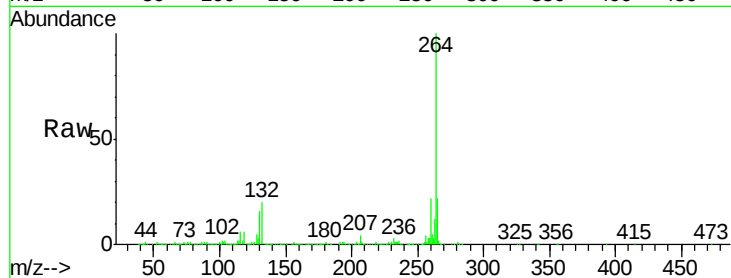




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG017957.D
Acq: 18 Jul 2015 11:08

Instrument :
BNA_G
ClientSampleId :
SOUTH-EAST-FLOOR1-071415

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	22.0	18.2	27.2



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

