

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082568.D
 Acq On : 28 Oct 2015 1:48
 Operator : UM/IZ
 Sample : G4178-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 02:28:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

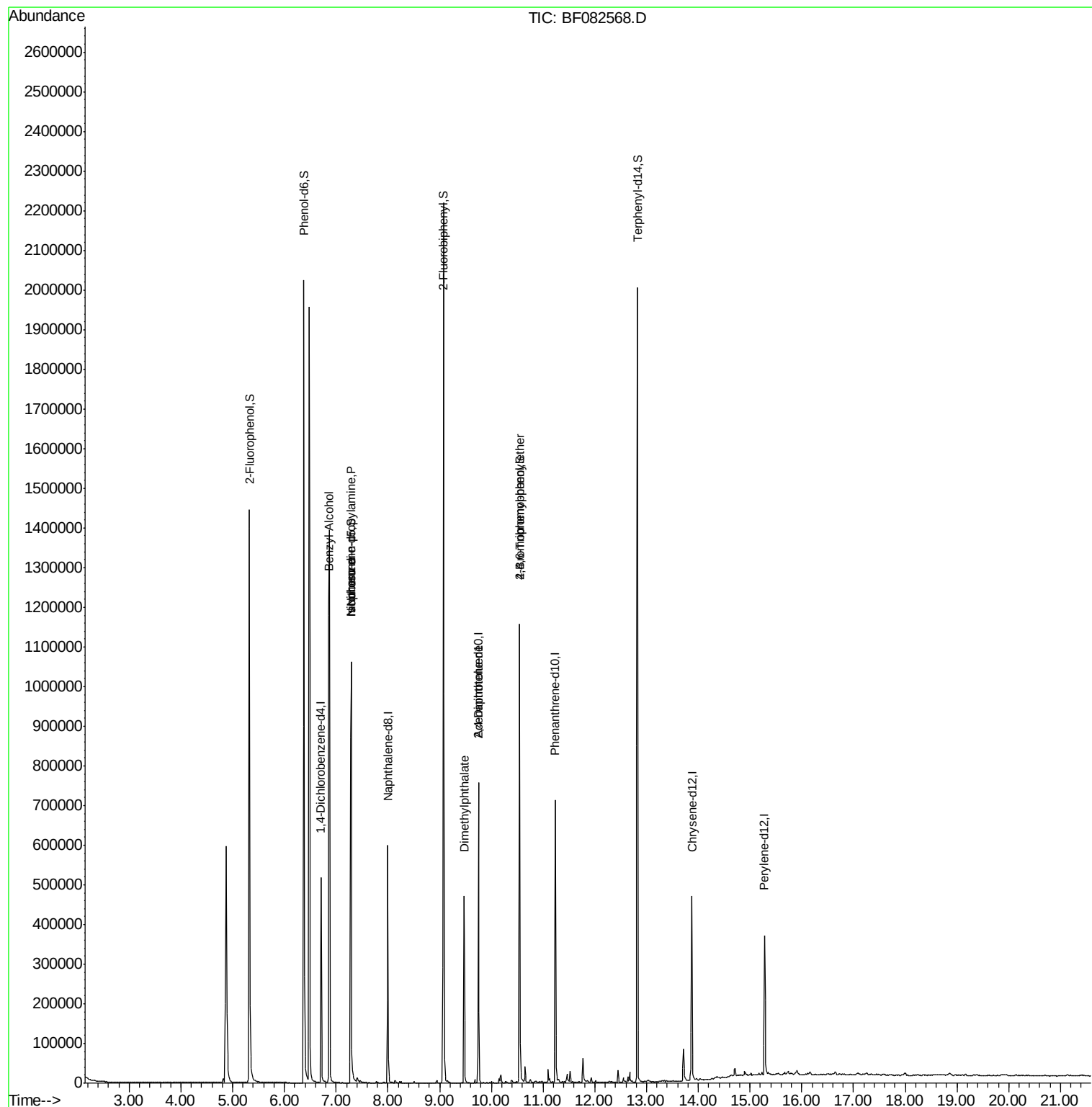
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	84910	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	322158	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	157339	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	267919	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	178007	20.00	ng	-0.03
86) Perylene-d12	15.28	264	169181	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	650825	151.31	ng	0.01
7) Phenol-d6	6.38	99	831409	148.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	524842	105.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	176086	149.45	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	870390	87.97	ng	-0.02
78) Terphenyl-d14	12.82	244	711336	115.13	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.38	77	1144	Below Cal	#	3
15) Benzyl Alcohol	6.86	79	7999	2.05 ng	#	58
19) n-Nitroso-di-n-propylamine	7.29	70	68269	18.69 ng	#	73
25) Isophorone	7.29	82	501996	50.60 ng	#	64
49) Dimethylphthalate	9.47	163	216788	19.80 ng		100
56) 2,4-Dinitrotoluene	9.75	165	19956	6.85 ng	#	9
66) 4-Bromophenyl-phenylether	10.55	248	13348	5.31 ng	#	1

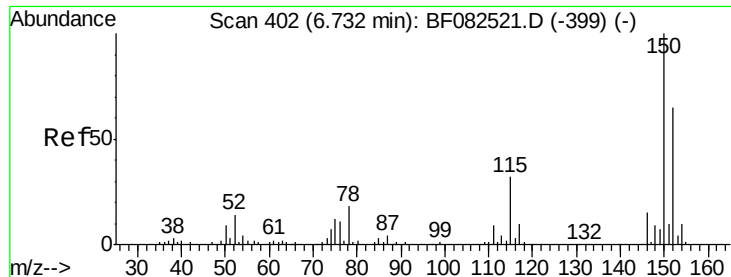
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082568.D
Acq On : 28 Oct 2015 1:48
Operator : UM/IZ
Sample : G4178-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 02:28:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration



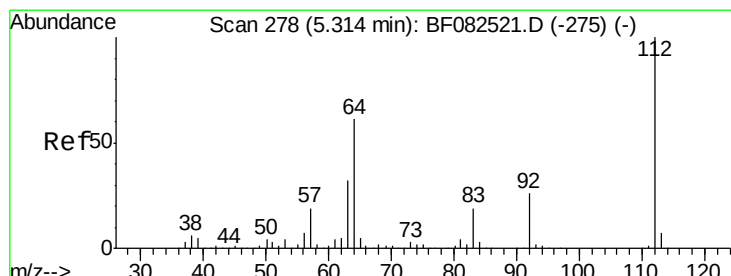
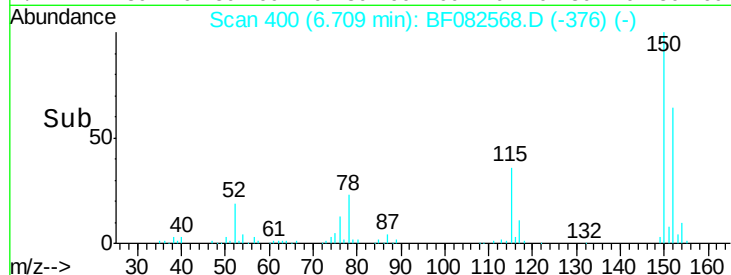
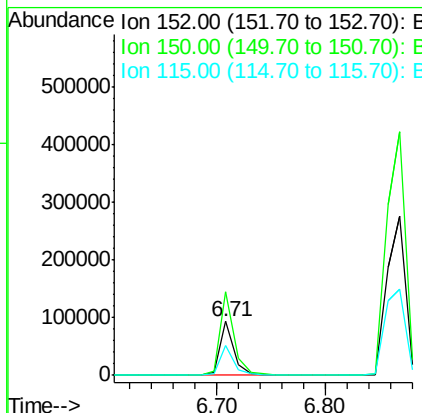
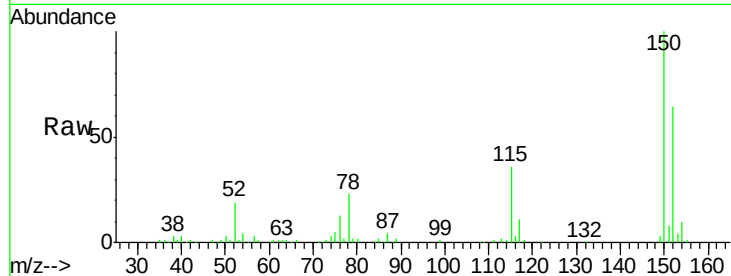


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

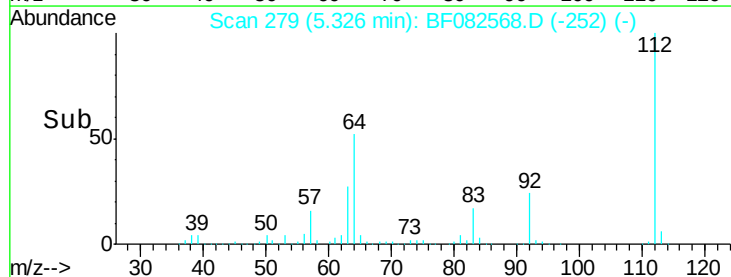
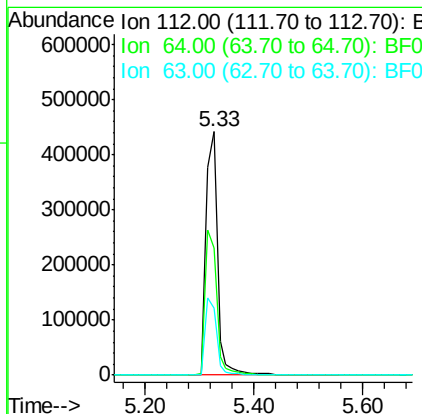
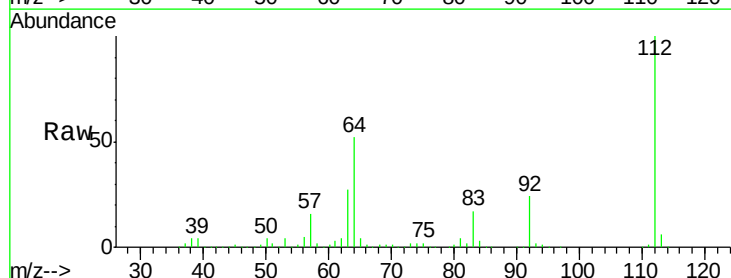
Tgt Ion:152 Resp: 84910
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.4 185.0
 115 55.3 39.0 58.4

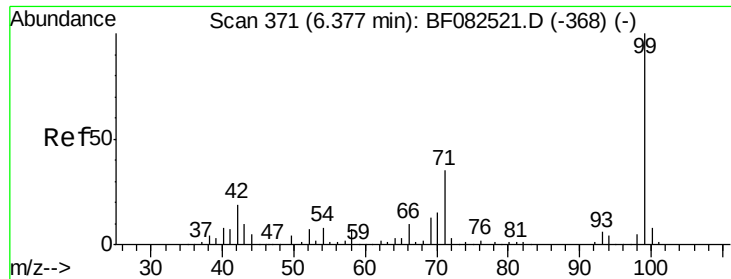


#5

2-Fluorophenol
 Concen: 151.31 ng
 RT: 5.33 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Tgt Ion:112 Resp: 650825
 Ion Ratio Lower Upper
 112 100
 64 52.3 49.0 73.4
 63 27.4 25.8 38.6





#7

Phenol-d6

Concen: 148.31 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082568.D

Acq: 28 Oct 2015 1:48

Instrument :

BNA_F

ClientSampleId :

S3-BOILERROOM2.5FTDEEP

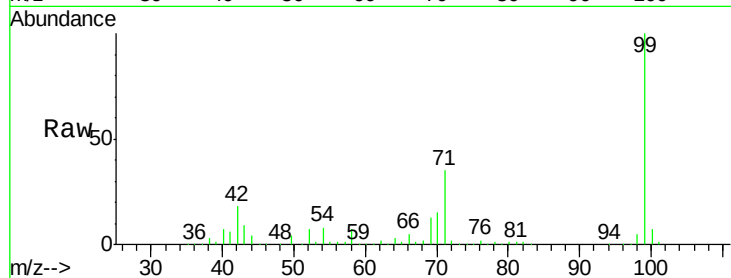
Tgt Ion: 99 Resp: 831409

Ion Ratio Lower Upper

99 100

42 18.0 15.1 22.7

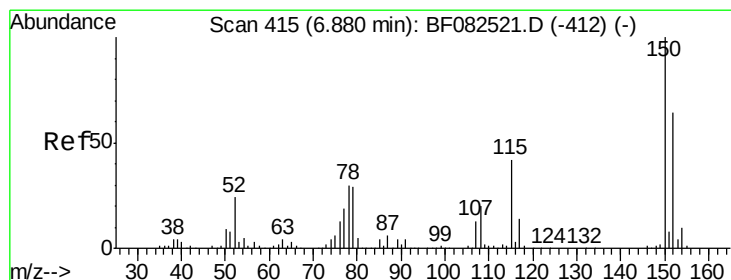
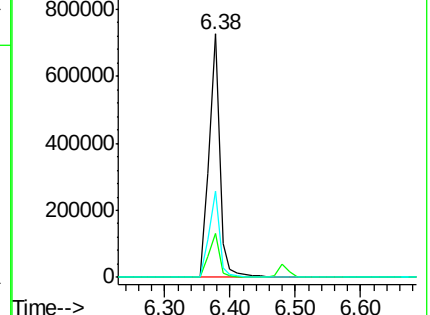
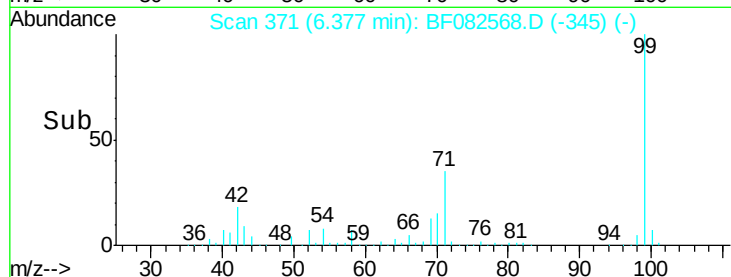
71 35.3 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF082568.D

Acq: 28 Oct 2015 1:48

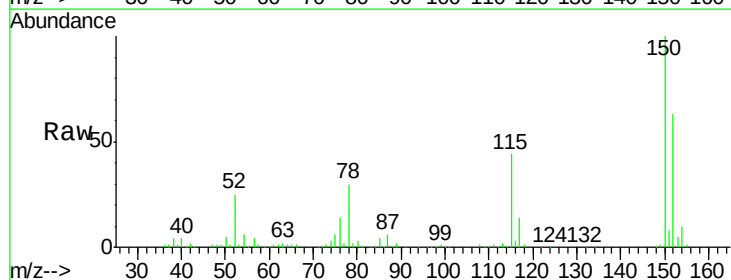
Tgt Ion: 79 Resp: 7999

Ion Ratio Lower Upper

79 100

108 28.4 55.0 82.6#

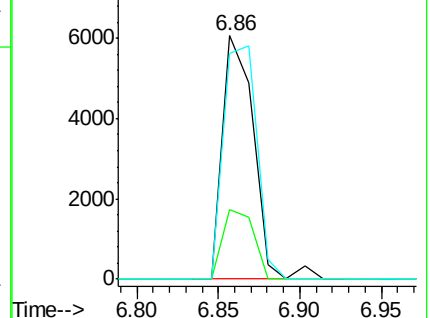
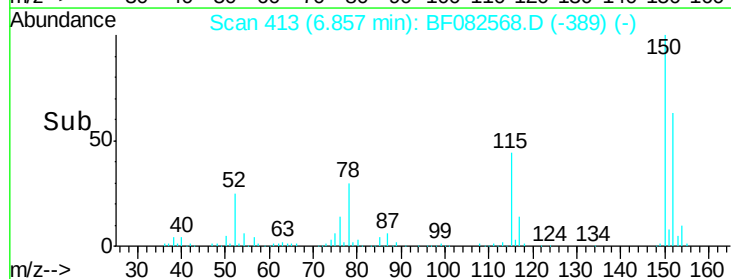
77 92.9 52.5 78.7#

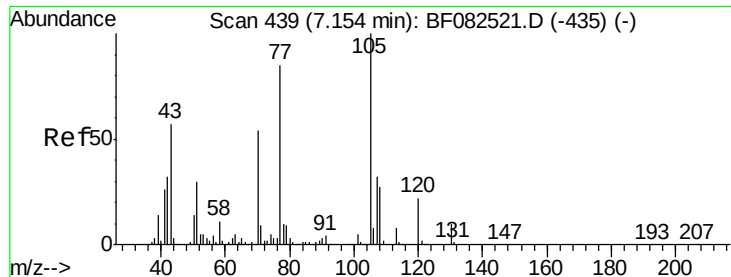


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

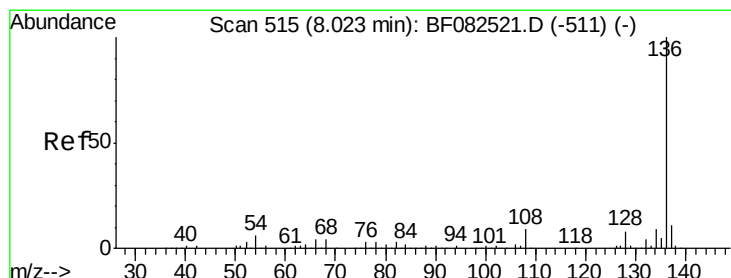
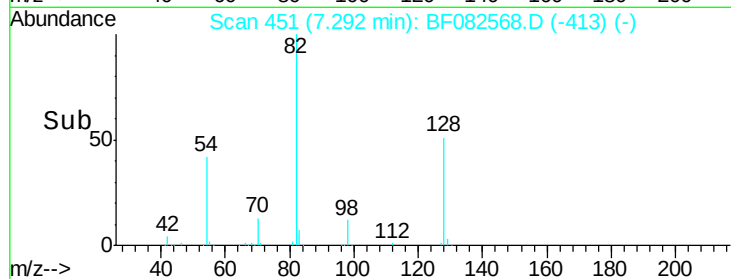
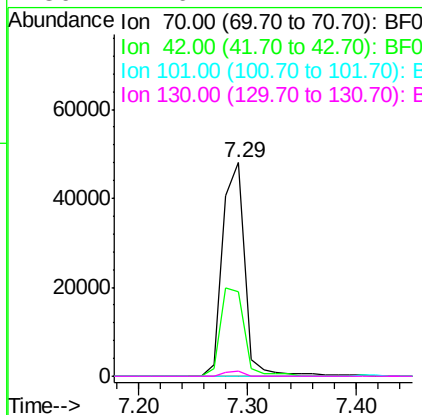
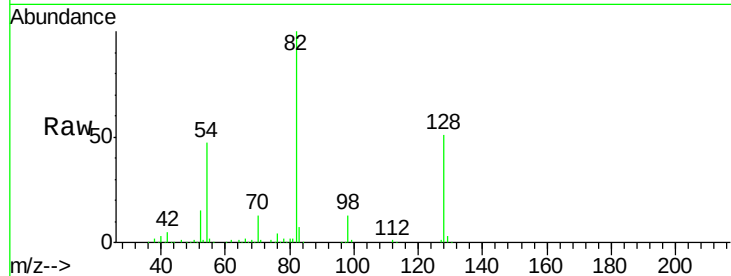




#19
n-Nitroso-di-n-propylamine
Concen: 18.69 ng
RT: 7.29 min Scan# 451
Delta R.T. 0.14 min
Lab File: BF082568.D
Acq: 28 Oct 2015 1:48

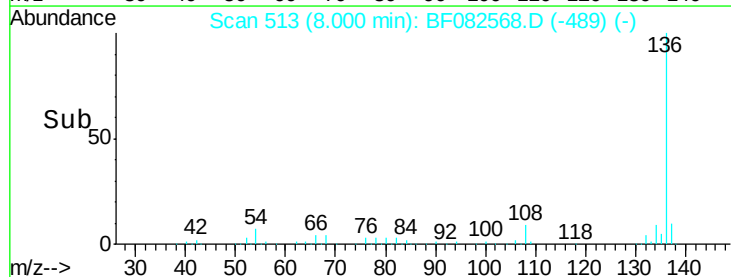
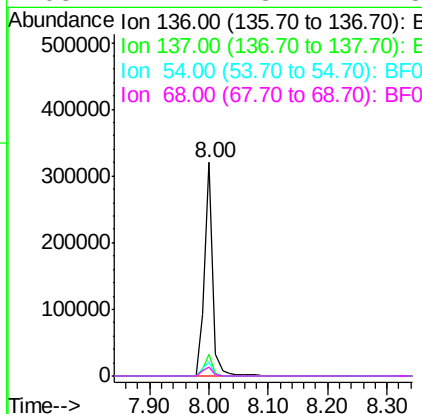
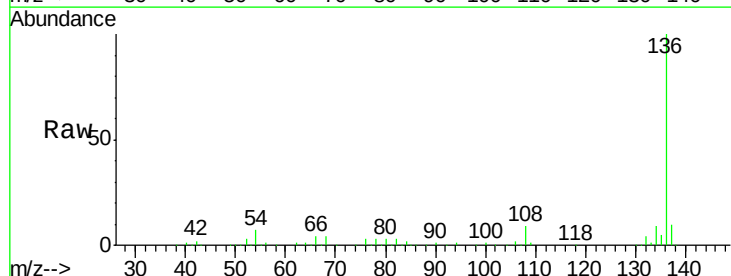
Instrument :
BNA_F
ClientSampleId :
S3-BOILERROOM2.5FTDEEP

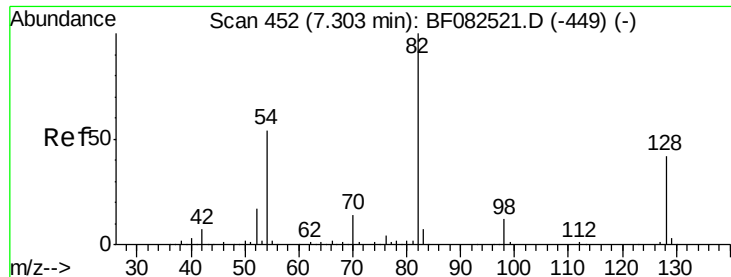
Tgt Ion: 70 Resp: 68269
Ion Ratio Lower Upper
70 100
42 39.5 46.9 70.3#
101 0.0 7.4 11.2#
130 2.6 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082568.D
Acq: 28 Oct 2015 1:48

Tgt Ion: 136 Resp: 322158
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 6.6 4.6 7.0
68 4.2 3.2 4.8

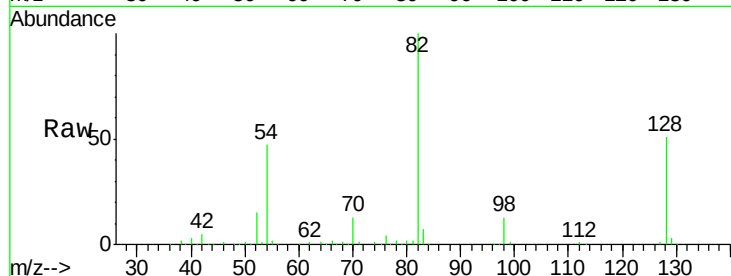




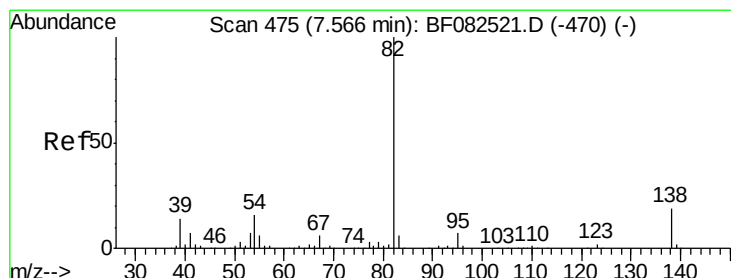
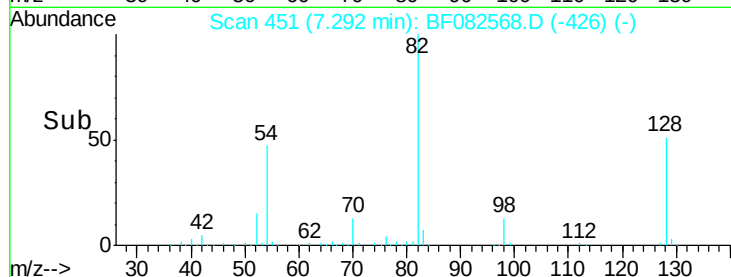
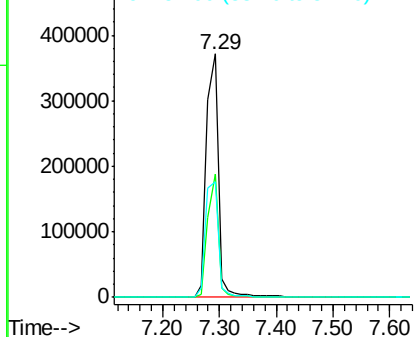
#23
 Nitrobenzene-d5
 Concen: 105.10 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

Tgt Ion: 82 Resp: 524842
 Ion Ratio Lower Upper
 82 100
 128 50.7 33.4 50.0#
 54 47.3 43.5 65.3

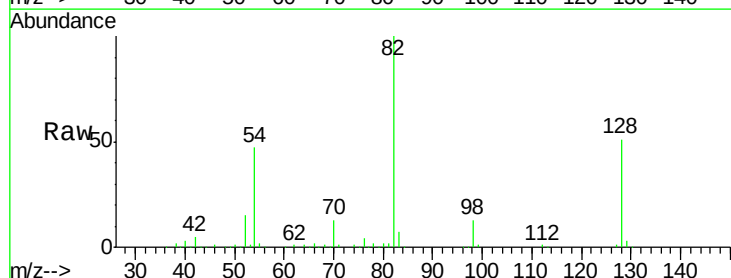


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

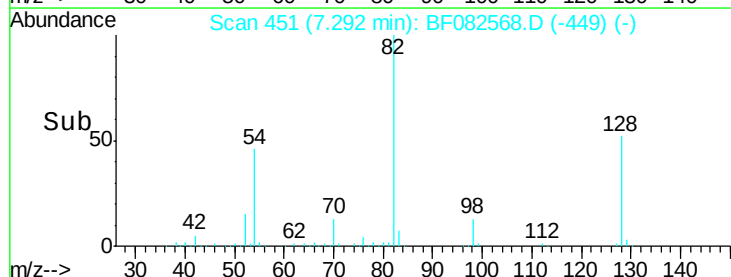
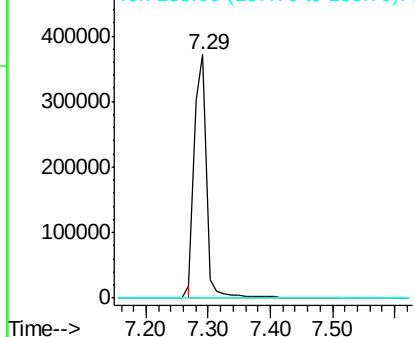


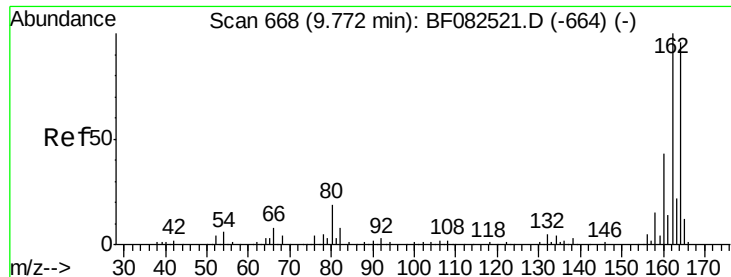
#25
 Isophorone
 Concen: 50.60 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.27 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Tgt Ion: 82 Resp: 501996
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

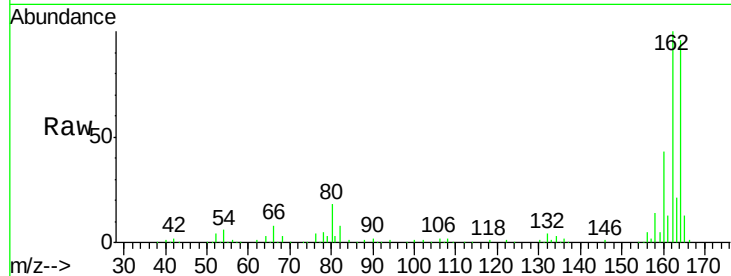




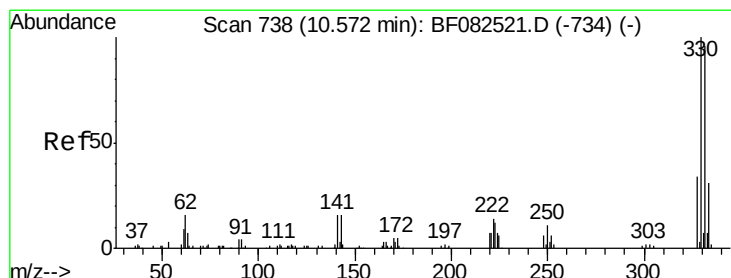
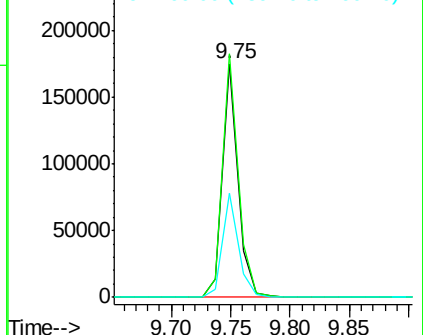
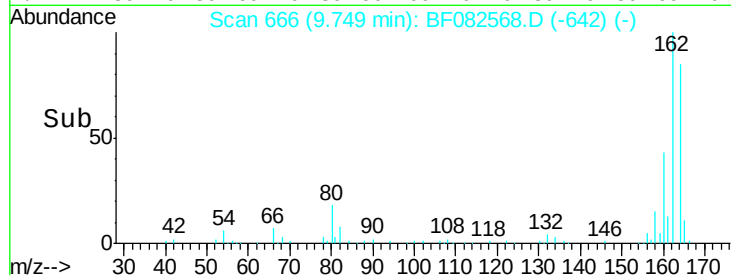
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

Tgt Ion:164 Resp: 157339
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.6 125.4
 160 44.5 36.0 54.0

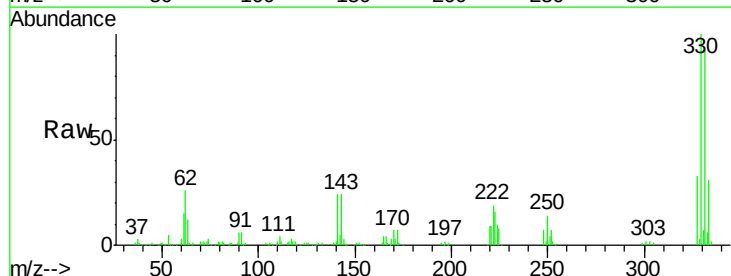


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

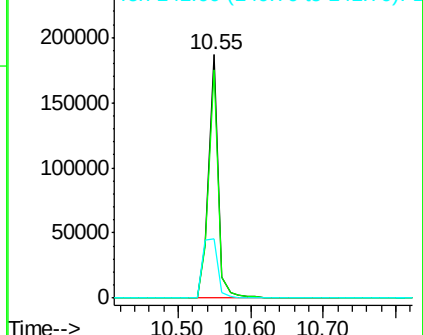
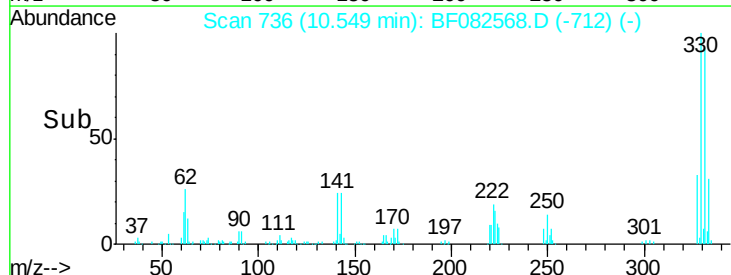


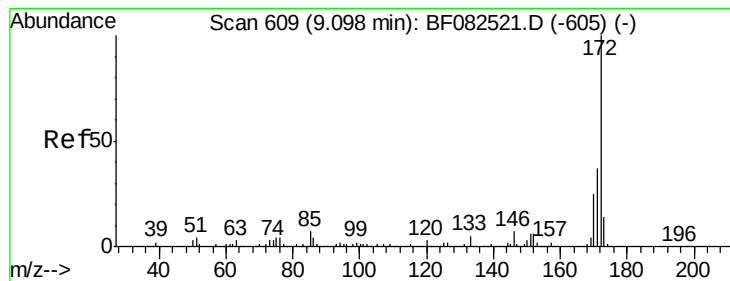
#41
 2,4,6-Tribromophenol
 Concen: 149.45 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Tgt Ion:330 Resp: 176086
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.0
 141 38.4 32.5 48.7



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

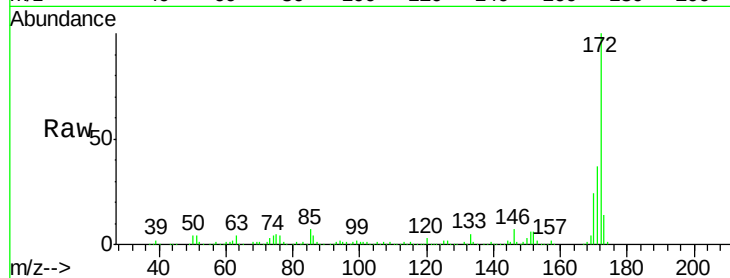




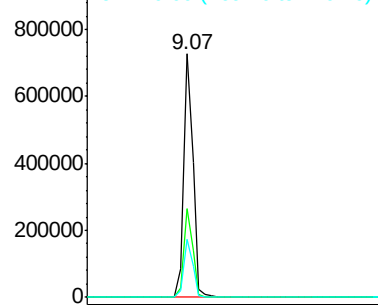
#44
 2-Fluorobiphenyl
 Concen: 87.97 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

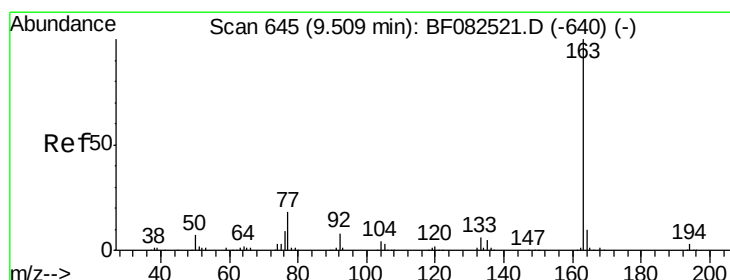
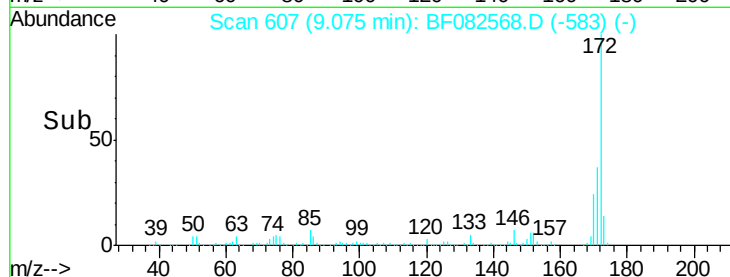
Tgt Ion:172 Resp: 870390
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.1 19.8 29.6



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

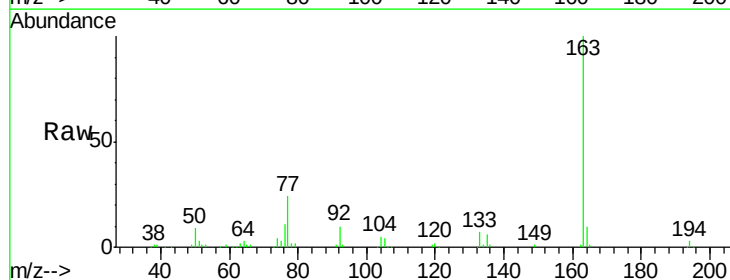


Time-->

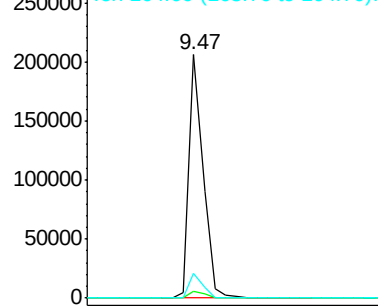


#49
 Dimethylphthalate
 Concen: 19.80 ng
 RT: 9.47 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

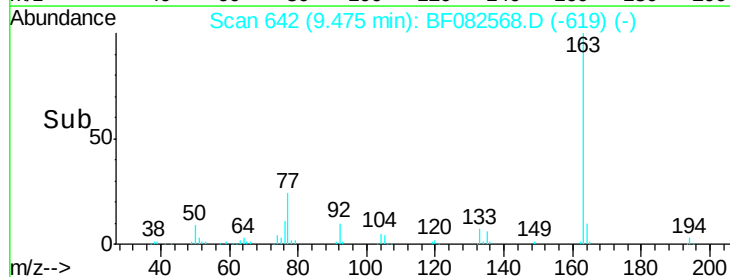
Tgt Ion:163 Resp: 216788
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.2 8.2 12.4

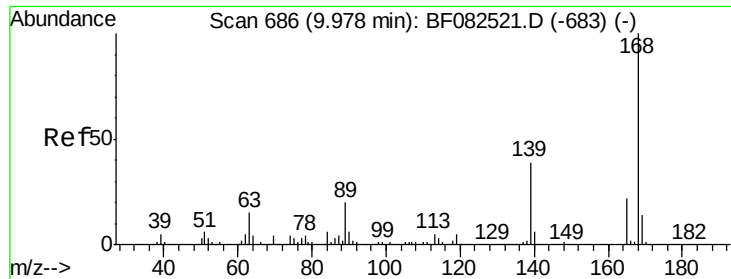


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





#56

2,4-Dinitrotoluene

Concen: 6.85 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF082568.D

Acq: 28 Oct 2015 1:48

Instrument :

BNA_F

ClientSampleId :

S3-BOILERROOM2.5FTDEEP

Tgt Ion:165 Resp: 19956

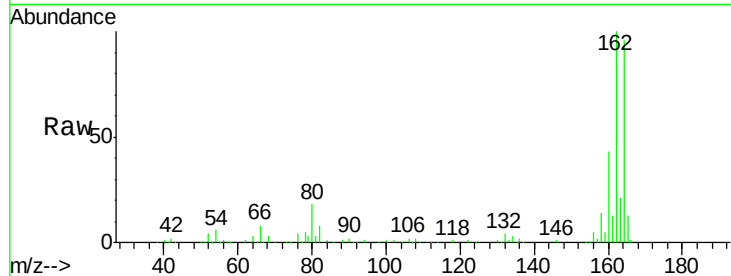
Ion Ratio Lower Upper

165 100

63 0.0 58.6 88.0#

89 0.0 72.3 108.5#

182 0.0 1.8 2.8#

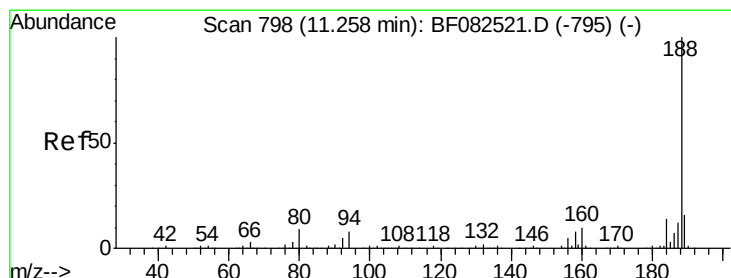
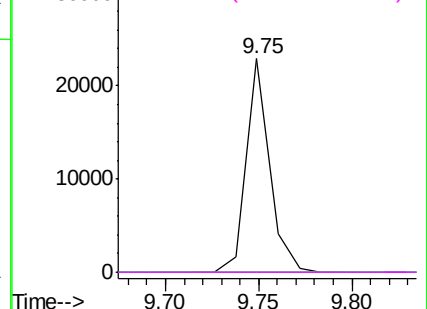
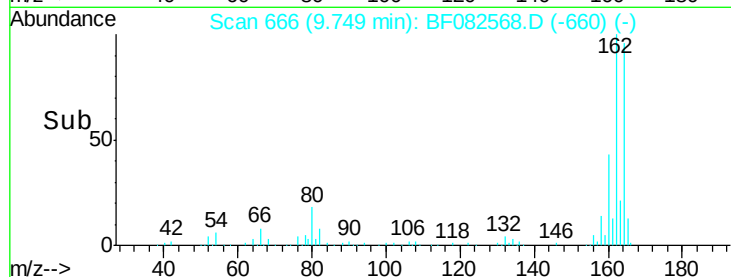


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF082568.D

Acq: 28 Oct 2015 1:48

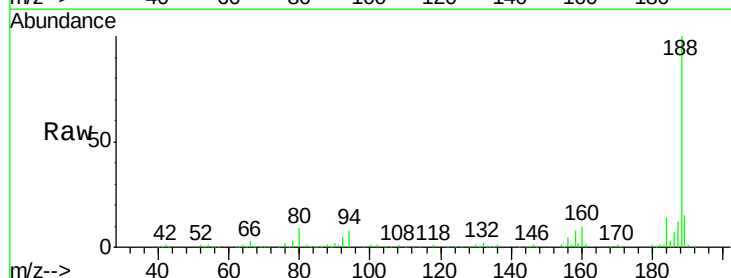
Tgt Ion:188 Resp: 267919

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

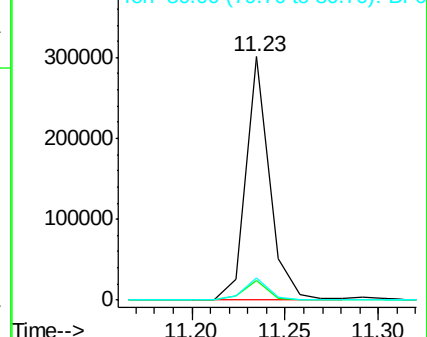
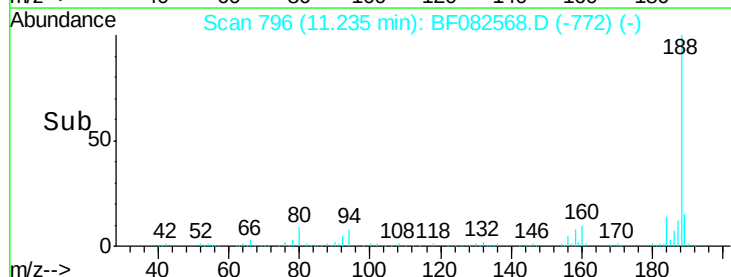
80 8.9 7.0 10.6

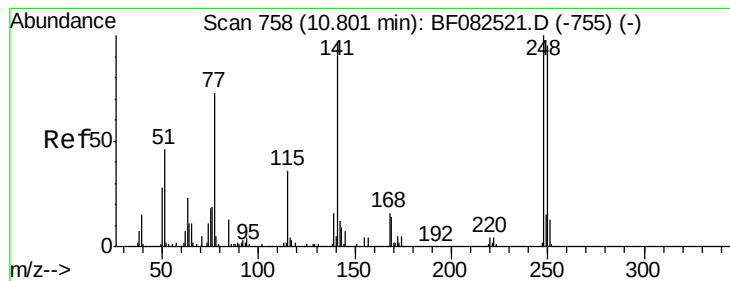


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.31 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.25 min

Lab File: BF082568.D

Acq: 28 Oct 2015 1:48

Instrument :

BNA_F

ClientSampleId :

S3-BOILERROOM2.5FTDEEP

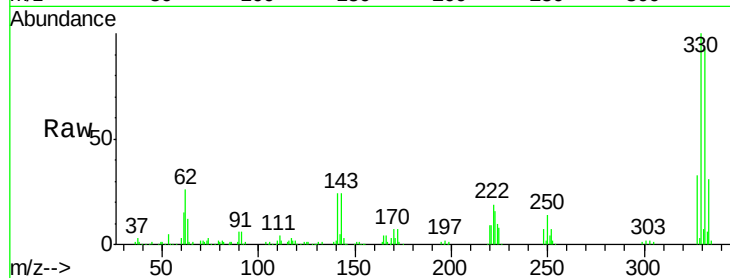
Tgt Ion:248 Resp: 13348

Ion Ratio Lower Upper

248 100

250 195.2 76.0 114.0#

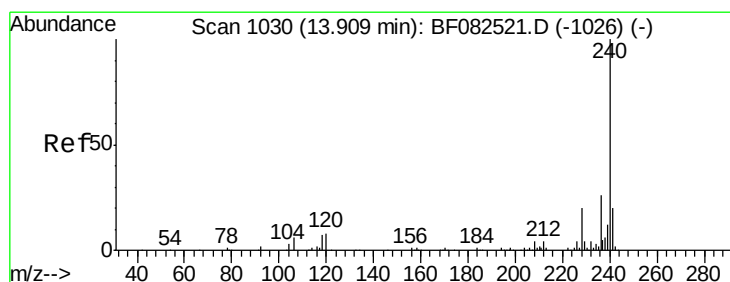
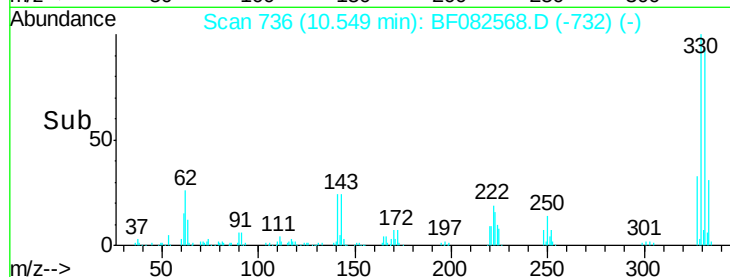
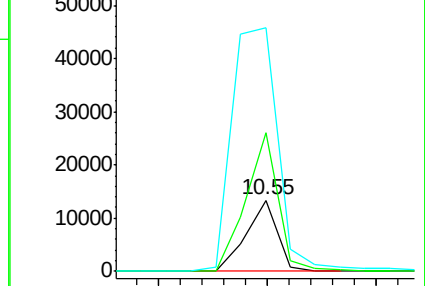
141 343.2 77.5 116.3#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF082568.D

Acq: 28 Oct 2015 1:48

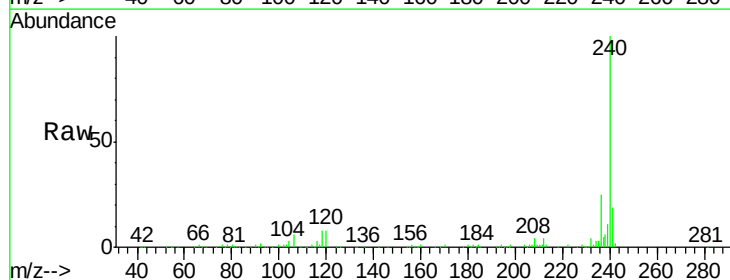
Tgt Ion:240 Resp: 178007

Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

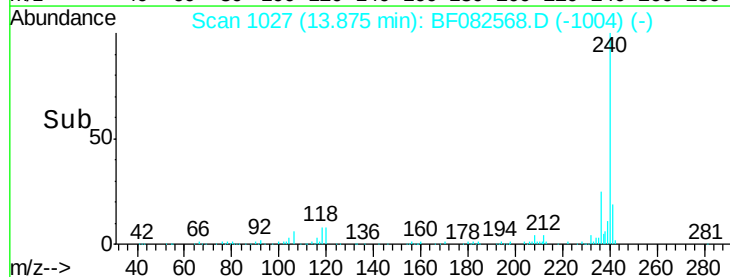
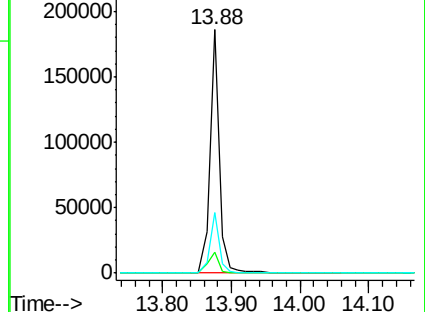
236 25.0 20.5 30.7

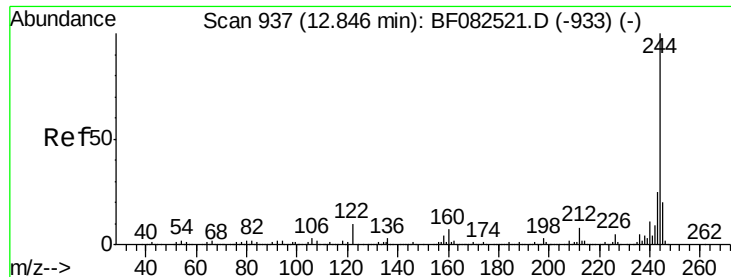


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

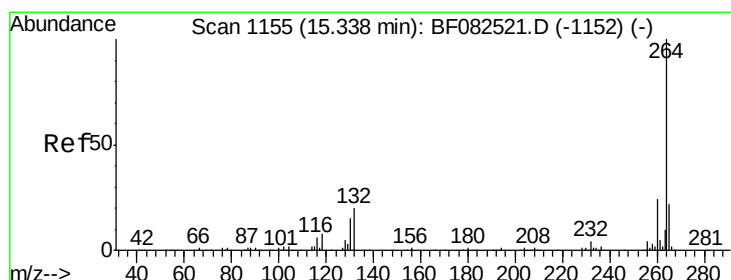
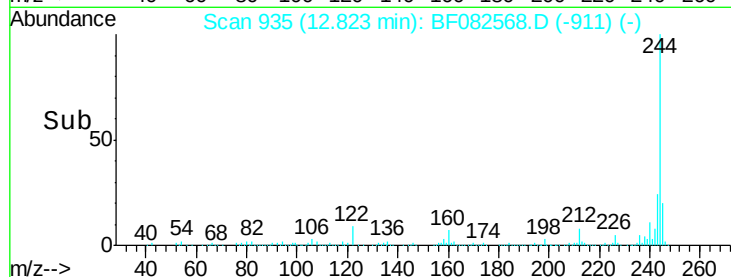
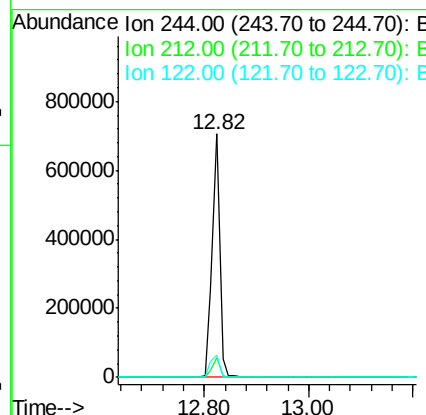
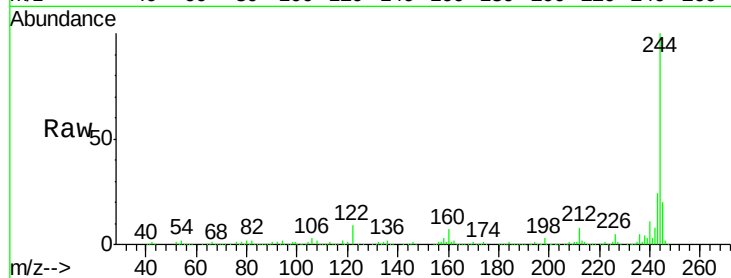




#78
 Terphenyl-d14
 Concen: 115.13 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

Tgt Ion: 244 Resp: 711336
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 8.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1150
 Delta R.T. -0.06 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Tgt Ion: 264 Resp: 169181
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 22.0 17.8 26.6

