

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 02:31:54 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

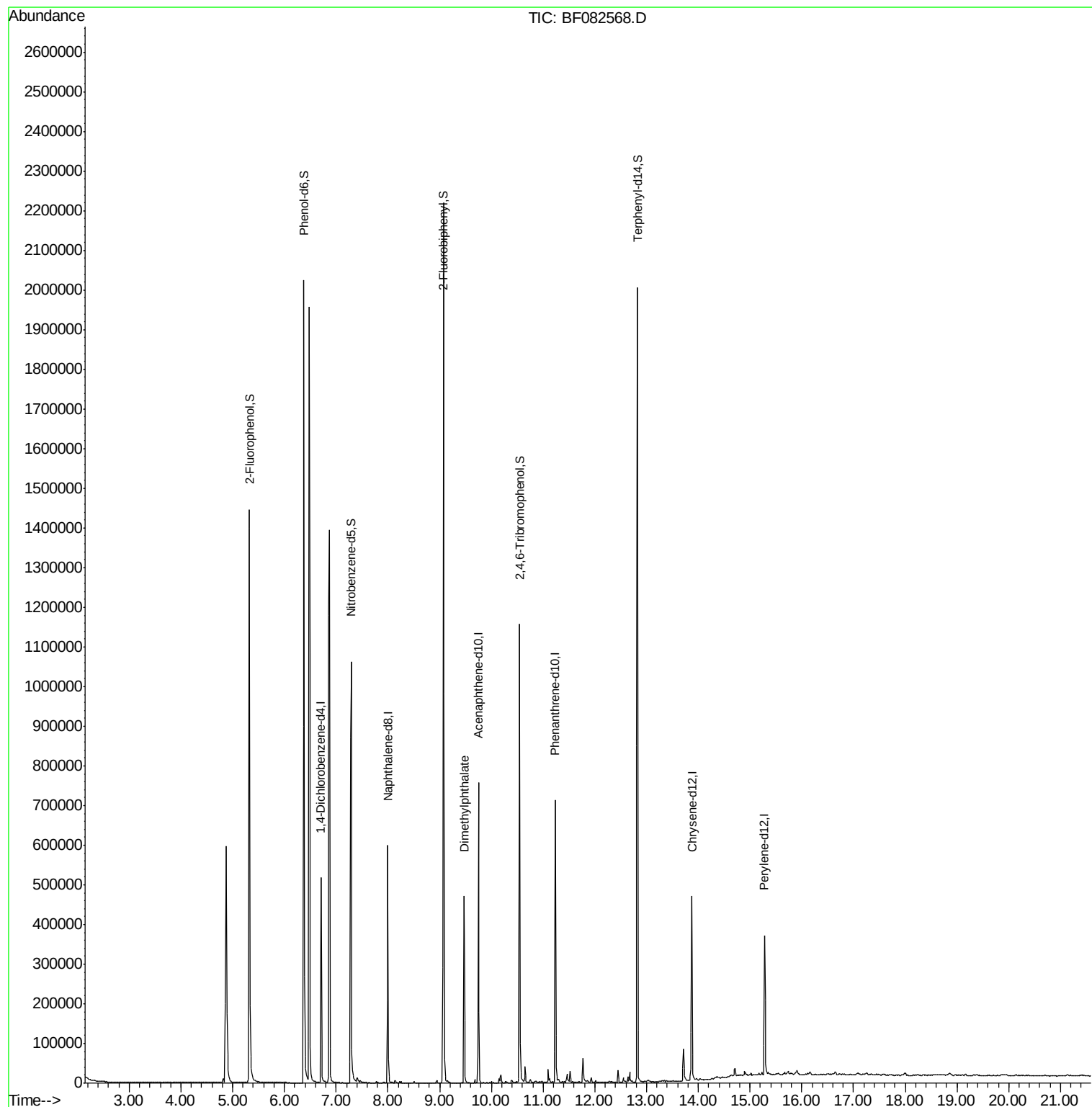
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	84910	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	322158	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	157339	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	267919	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	178007	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						
49) Dimethylphthalate	9.47	163	216788	19.80	ng	Qvalue 100

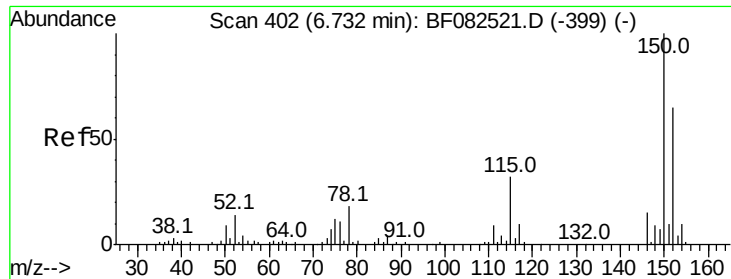
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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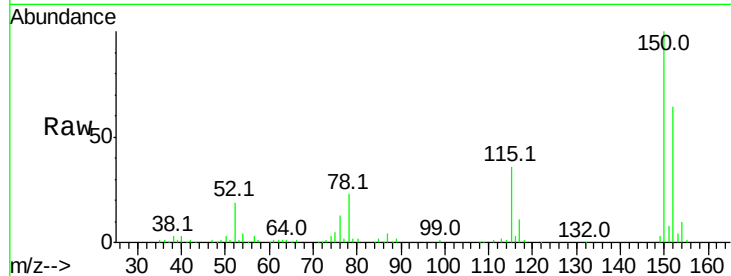


#1

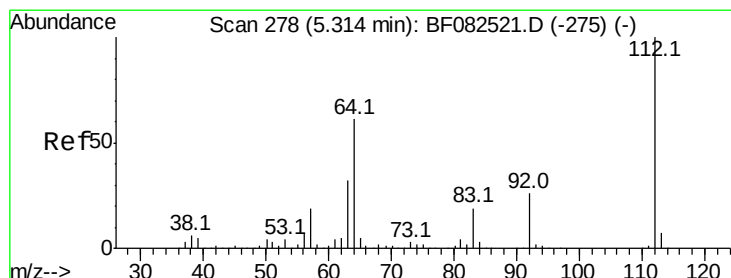
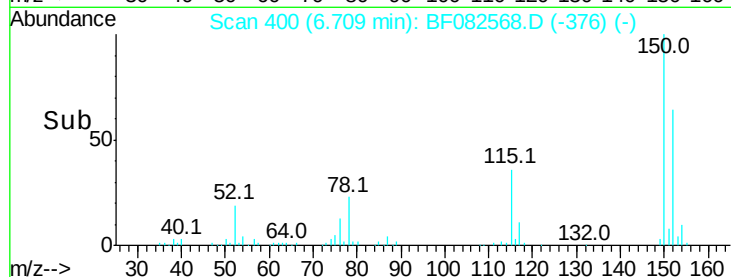
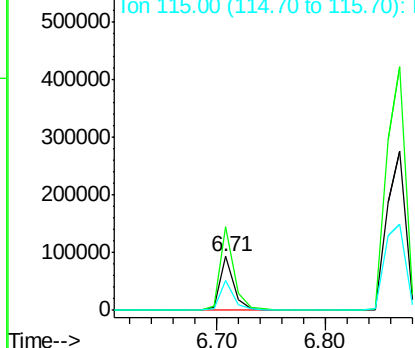
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082568.D
Acq: 28 Oct 2015 1:48

Instrument :
BNA_F
ClientSampleId :
S3-BOILERROOM2.5FTDEEP

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



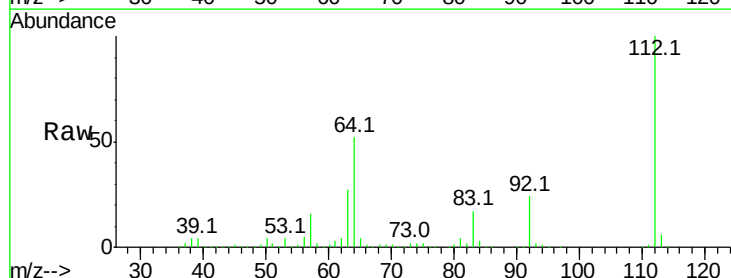
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



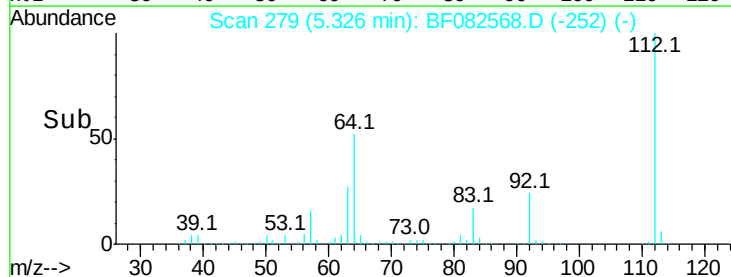
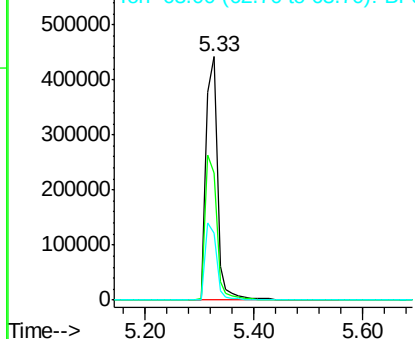
#5

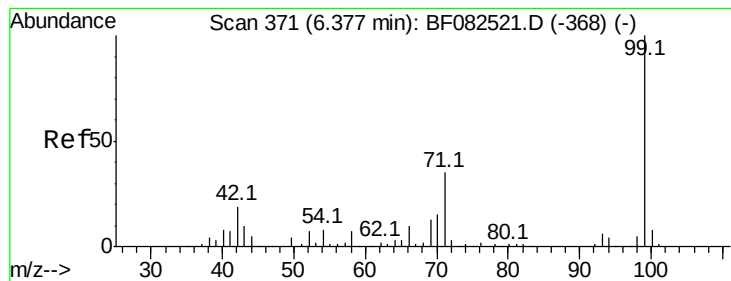
2-Fluorophenol
Concen: 151.31 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082568.D
Acq: 28 Oct 2015 1:48

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



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#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

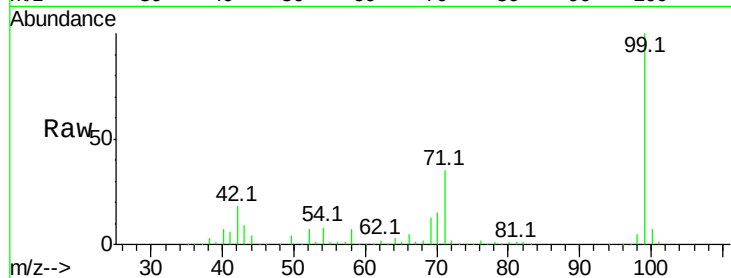
Tot Ion: 99 Resp: 831409

Ion Ratio Lower Upper

99 100

42 18.0 15.1 22.7

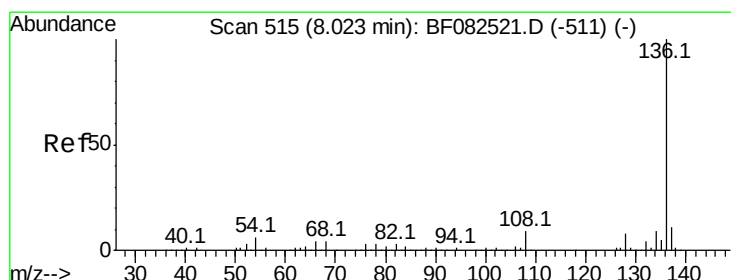
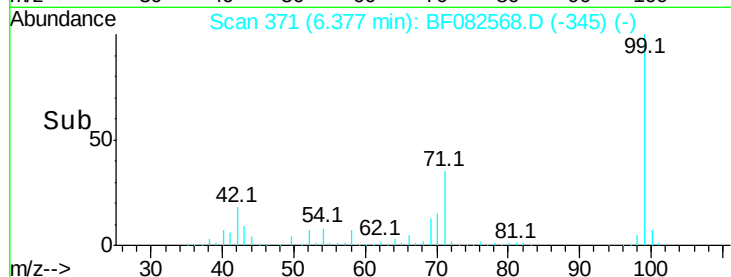
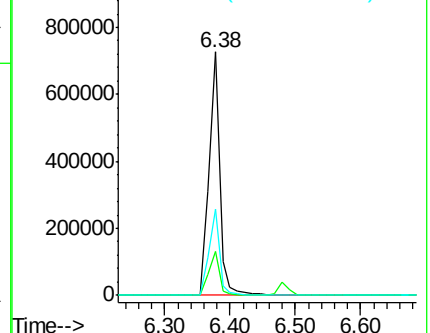
71 35.3 28.2 42.2



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



#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

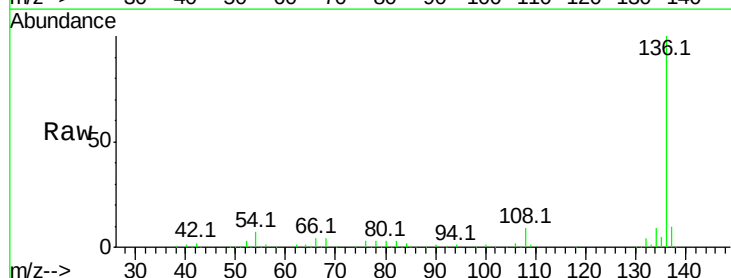
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 6.6 4.6 7.0

68 4.2 3.2 4.8

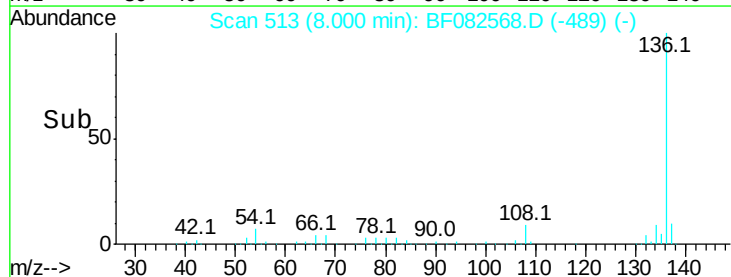
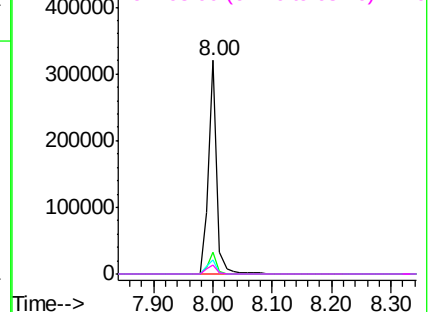


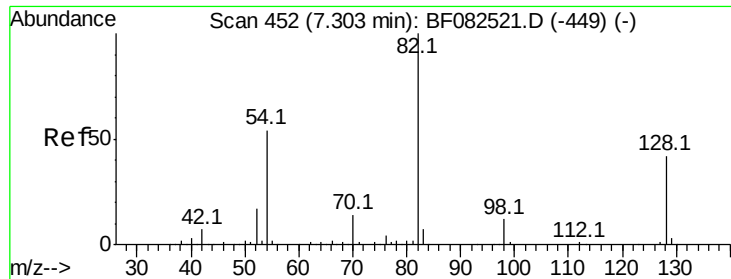
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

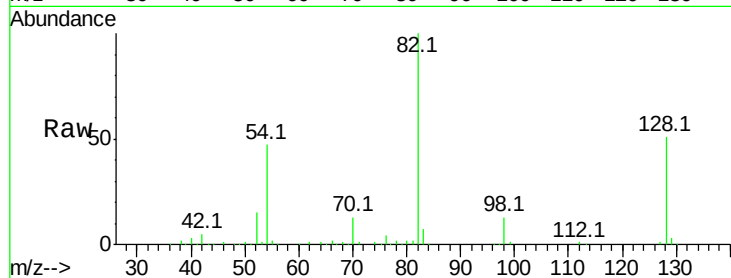




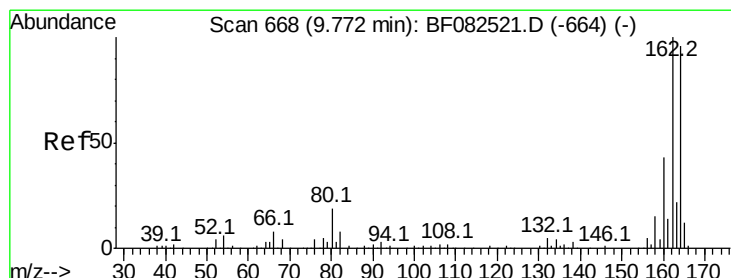
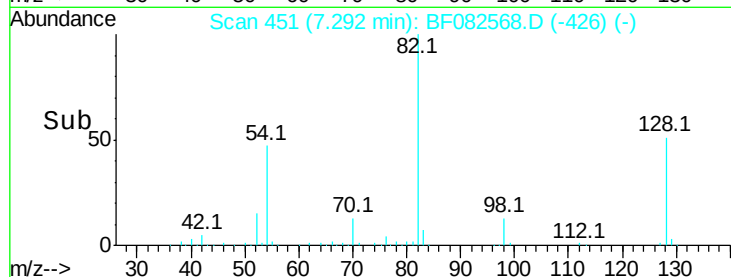
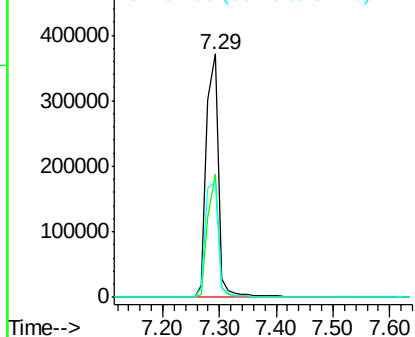
#23
 Nitrobenzene-d5
 Concen: 105.10 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

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

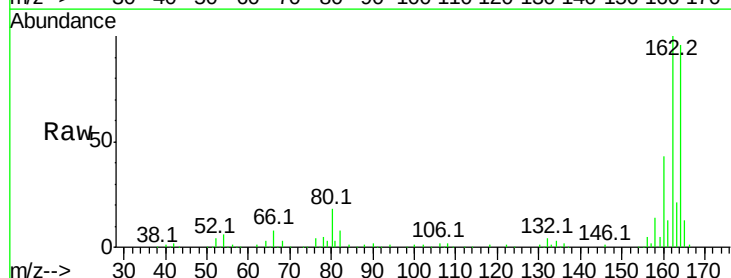


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

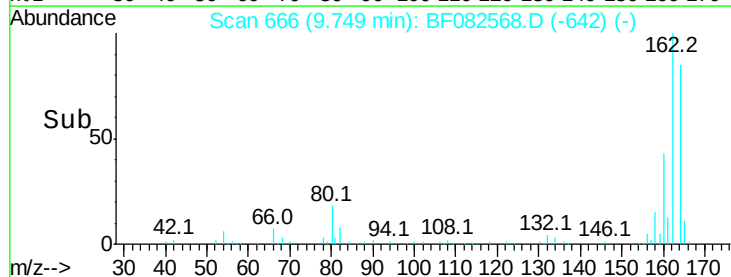
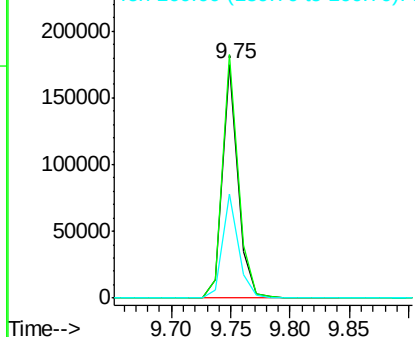


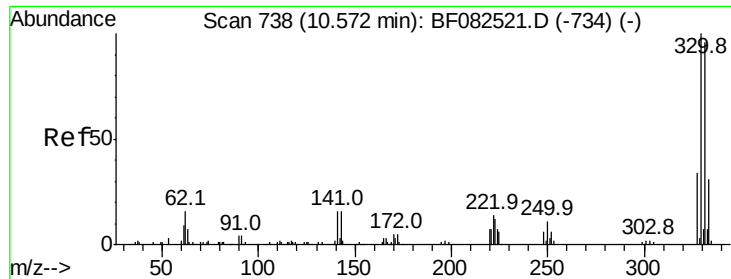
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

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

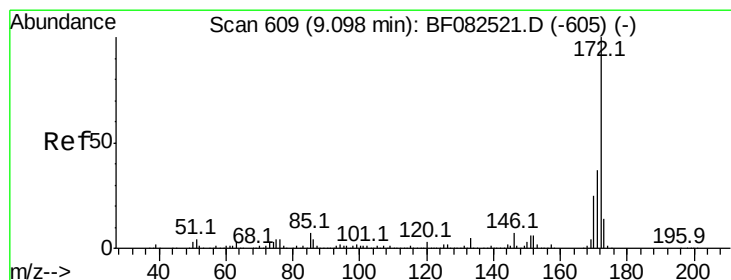
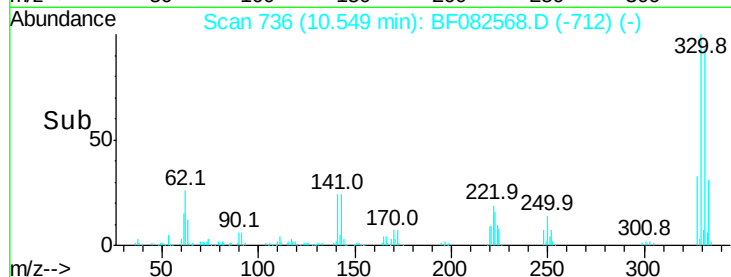
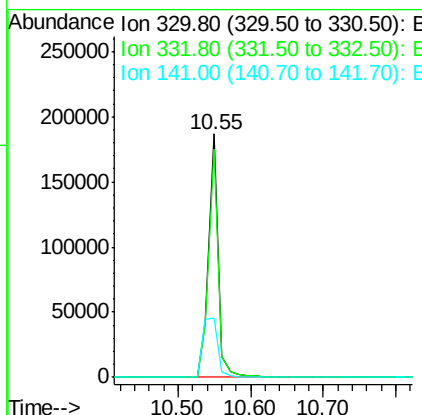
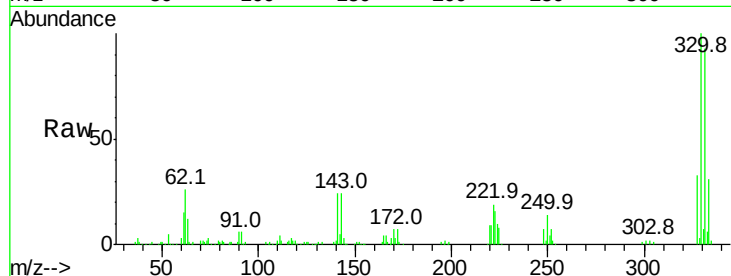




#41
 2,4,6-Tribromophenol
 Concen: 149.45 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

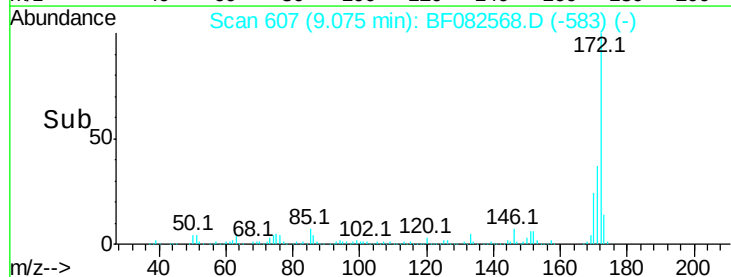
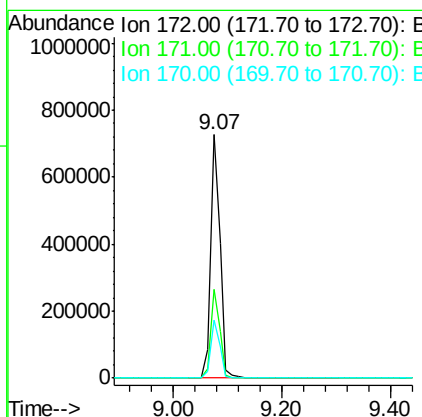
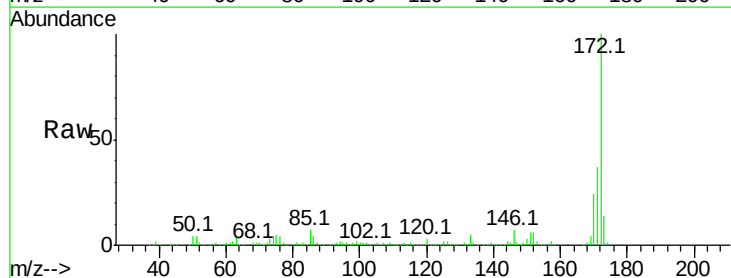
Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

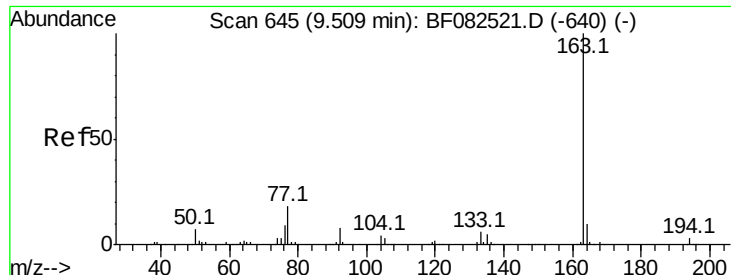
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.4	116.0
141	38.4	32.5	48.7



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

S3-BOILERROOM2.5FTDEEP

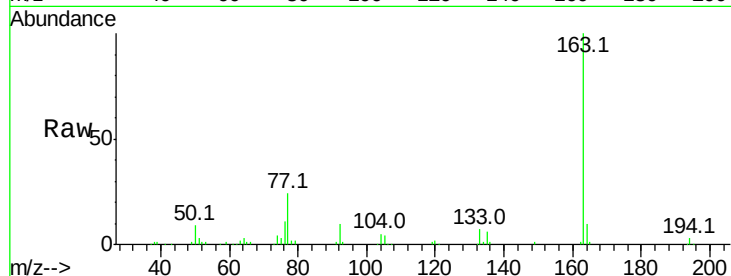
Tot Ion:163 Resp: 216788

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

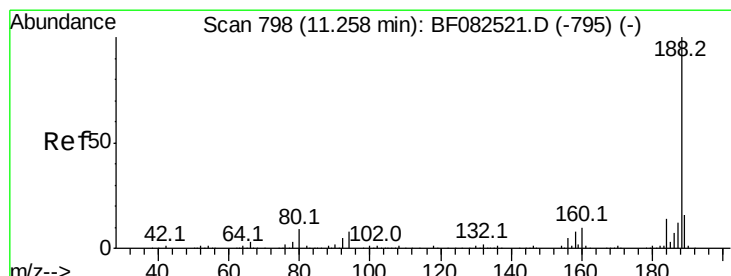
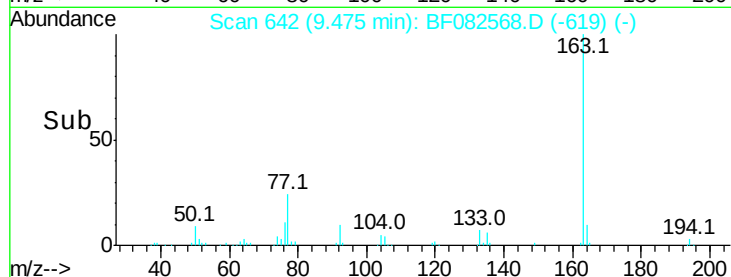
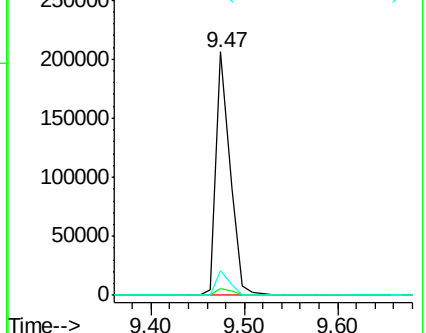
164 10.2 8.2 12.4



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



#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

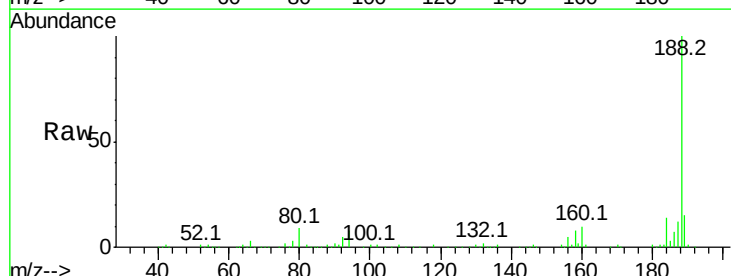
Tgt Ion:188 Resp: 267919

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

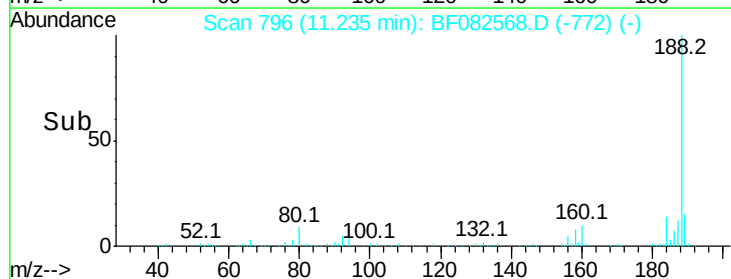
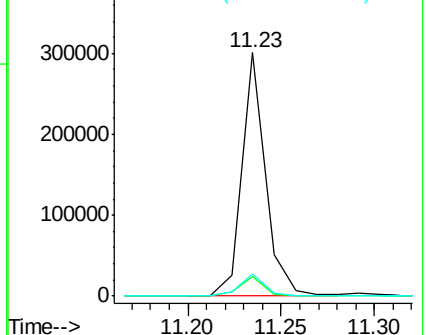
80 8.9 7.0 10.6

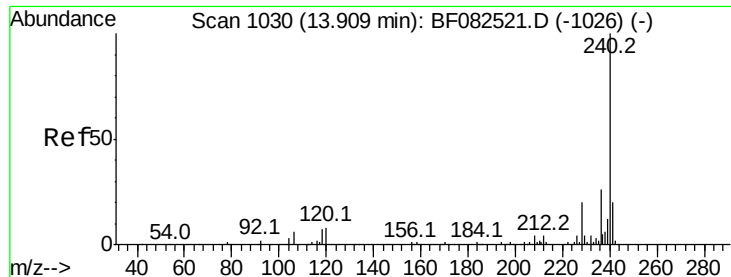


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

S3-BOILERROOM2.5FTDEEP

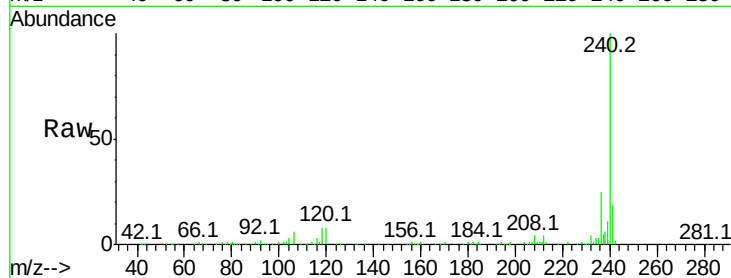
Tot Ion:240 Resp: 178007

Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

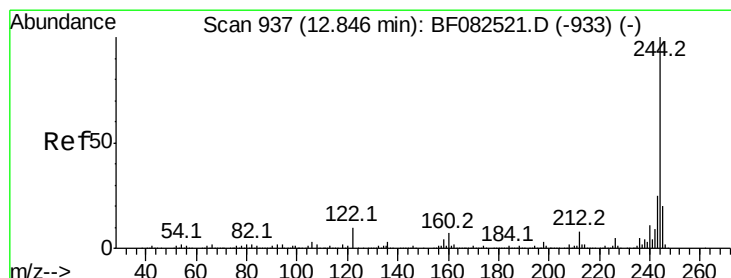
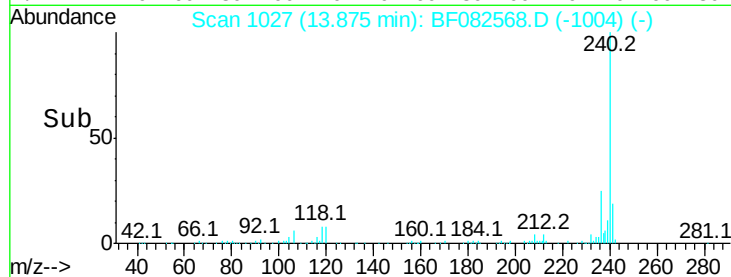
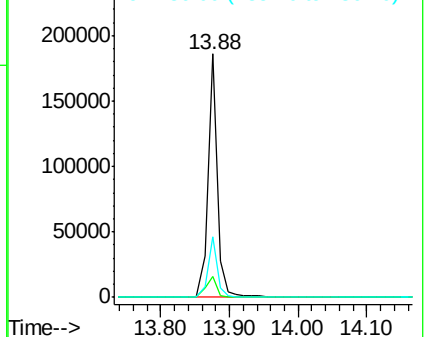
236 25.0 20.5 30.7



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

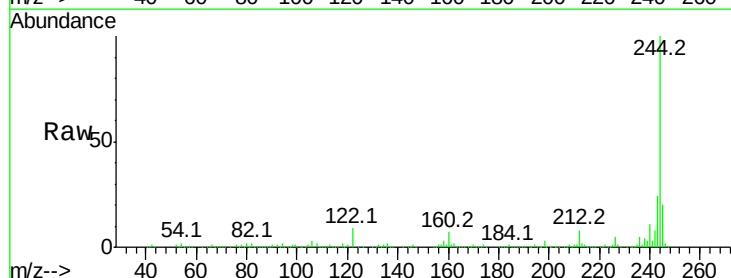
Tgt Ion:244 Resp: 711336

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

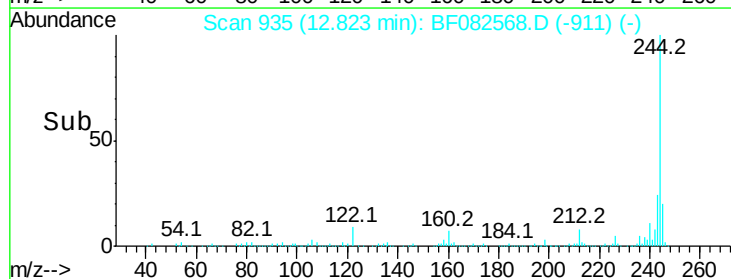
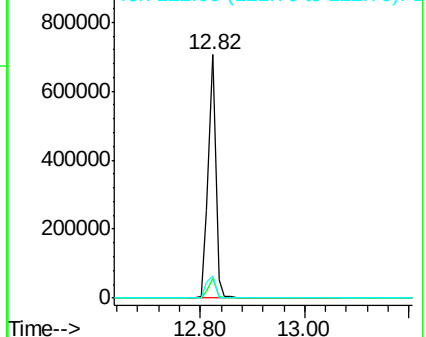
122 8.9 8.1 12.1

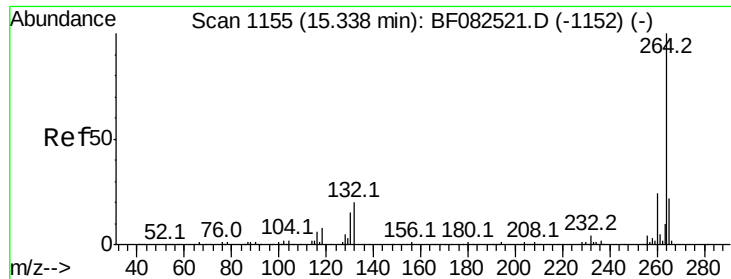


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

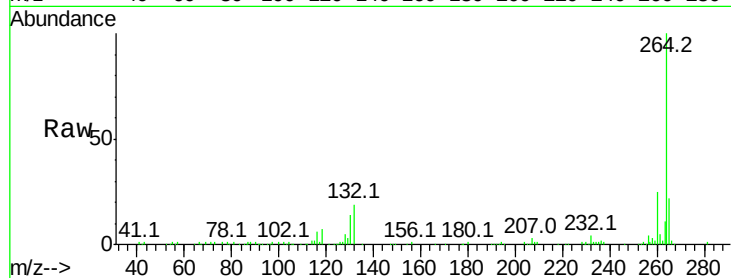




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1150
 Delta R.T. -0.06 min
 Lab File: BF082568.D
 Acq: 28 Oct 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 S3-BOILERROOM2.5FTDEEP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.0	17.8	26.6



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

