

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082566.D
 Acq On : 28 Oct 2015 00:50
 Operator : UM/IZ
 Sample : G4178-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 02:11:36 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	86205	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	316570	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	153315	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	266570	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	166776	20.00	ng	-0.02
86) Perylene-d12	15.33	264	187614	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	692355	158.55	ng	0.01
7) Phenol-d6	6.38	99	813500	142.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	569694	116.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	161047	140.28	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	992433	102.93	ng	-0.02
78) Terphenyl-d14	12.82	244	739655	127.77	ng	-0.02

Target Compounds				Qvalue			
9) Benzaldehyde	6.30	77	658	Below Cal	#	1	
15) Benzyl Alcohol	6.87	79	9718	2.45	ng	#	53
19) n-Nitroso-di-n-propylamine	7.29	70	76744	20.70	ng	#	74
25) Isophorone	7.29	82	551690	56.59	ng	#	64
31) Naphthalene	8.02	128	1711724	118.32	ng		97
33) 4-Chloroaniline	8.02	127	233804	41.68	ng	#	34
35) Caprolactam	8.71	113	6547	5.49	ng	#	1
37) 2-Methylnaphthalene	8.71	142	317765	32.51	ng		98
45) 1,1'-Biphenyl	9.18	154	114620	10.05	ng		98
48) Acenaphthylene	9.61	152	146448	10.17	ng		97
49) Dimethylphthalate	9.49	163	269461	25.26	ng		98
51) Acenaphthene	9.78	154	347122	42.02	ng		99
52) 3-Nitroaniline	9.95	138	7854	3.09	ng	#	16
54) Dibenzofuran	9.97	168	508124	42.16	ng	#	89
55) 4-Nitrophenol	9.95	139	192908	127.40	ng	#	12
57) Fluorene	10.30	166	507317	51.27	ng		100
61) 4-Nitroaniline	10.30	138	5227	2.06	ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	13093	5.23	ng	#	1
70) Phenanthrene	11.28	178	3065065	223.42	ng		95
71) Anthracene	11.33	178	1188460	86.02	ng		98
72) Carbazole	11.49	167	485451	39.85	ng		99
74) Fluoranthene	12.47	202	2725903	193.57	ng		97
76) Benzidine	12.82	184	10582	2.31	ng	#	97
77) Pyrene	12.70	202	2266916	220.99	ng		97
80) Benzo(a)anthracene	13.89	228	1093057	122.25	ng		96
81) 3,3'-Dichlorobenzidine	13.92	252	7424	2.39	ng	#	1
82) Chrysene	13.89	228	1093057	129.42	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	14810	2.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	563633	72.64	ng		94
87) Benzo(b)fluoranthene	15.03	252	189935	17.05	ng		93
88) Benzo(k)fluoranthene	14.94	252	1500213	165.16	ng		98
89) Benzo(a)pyrene	15.27	252	847953	87.85	ng	#	93
90) Dibenzo(a,h)anthracene	16.84	278	118404	14.66	ng		94
91) Benzo(g,h,i)perylene	17.10	276	508274	63.61	ng		95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 02:11:36 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

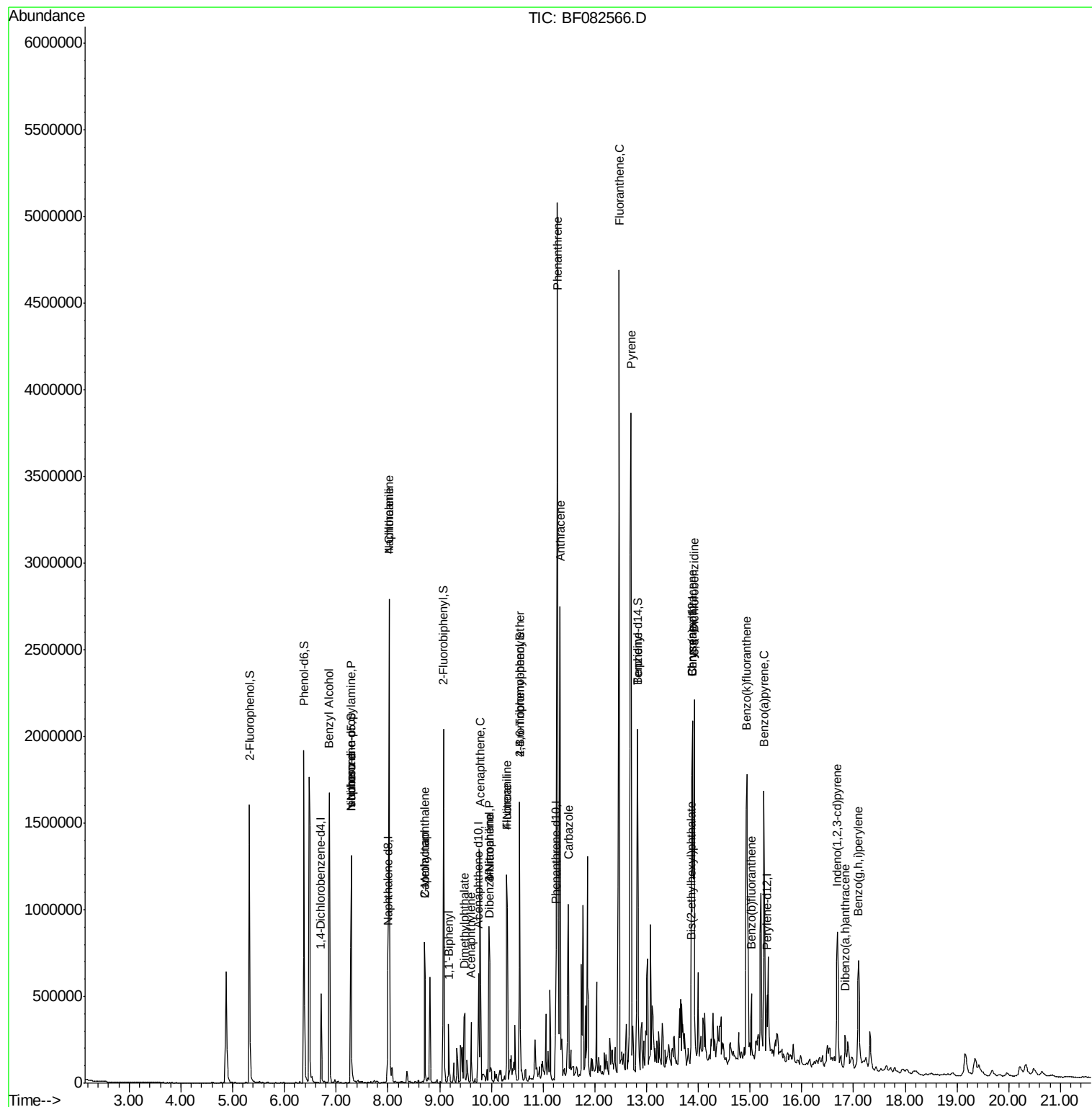
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

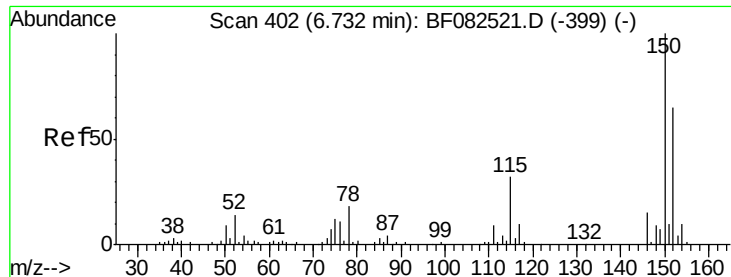
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 02:11:36 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: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

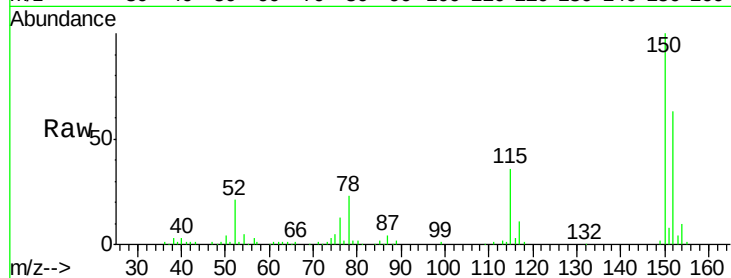
Tgt Ion:152 Resp: 86205

Ion Ratio Lower Upper

152 100

150 158.0 123.4 185.0

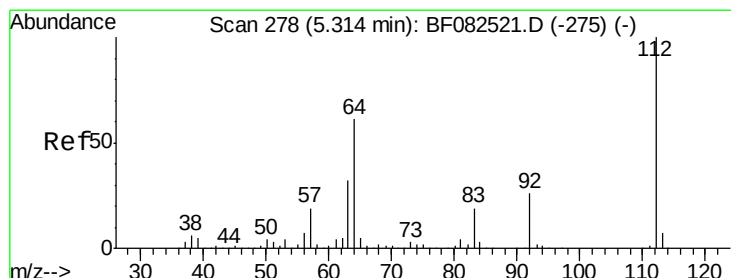
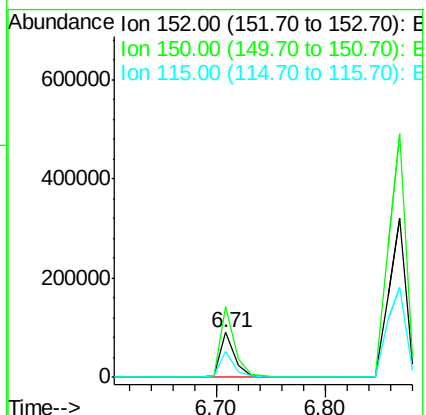
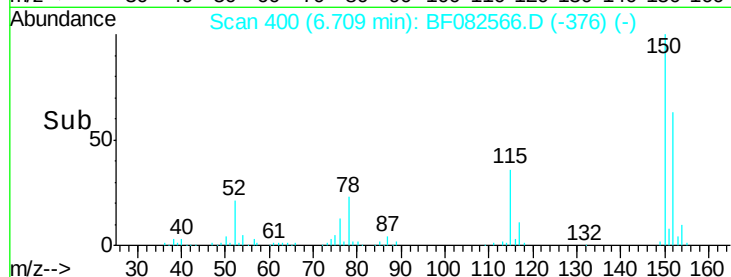
115 57.2 39.0 58.4



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: 158.55 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

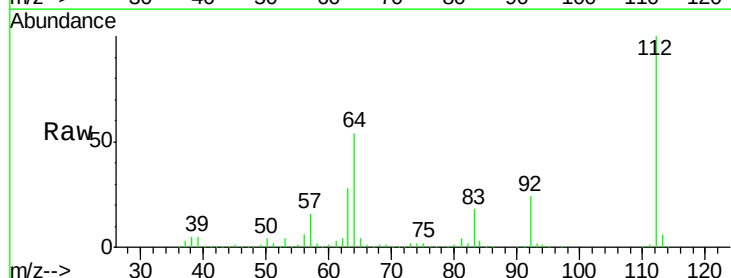
Tgt Ion:112 Resp: 692355

Ion Ratio Lower Upper

112 100

64 53.7 49.0 73.4

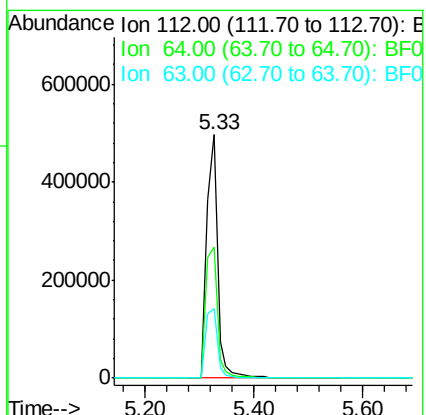
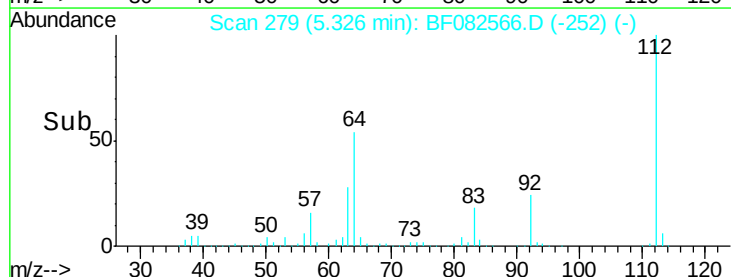
63 28.3 25.8 38.6

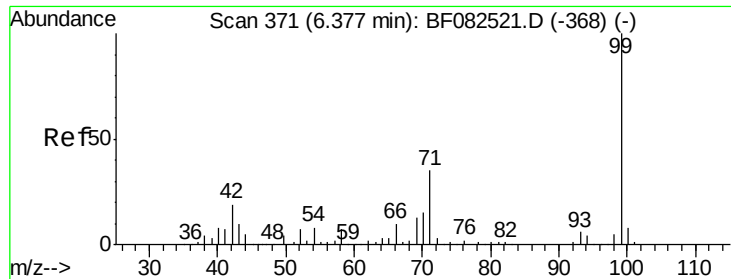


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.93 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

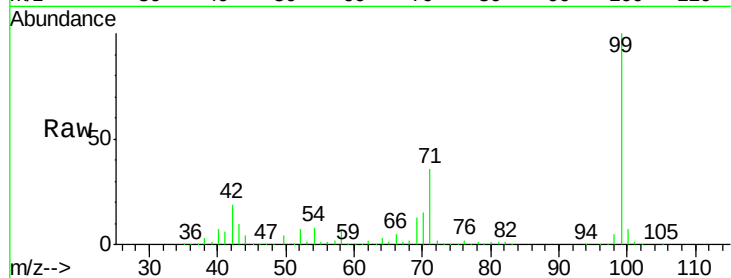
Tgt Ion: 99 Resp: 813500

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

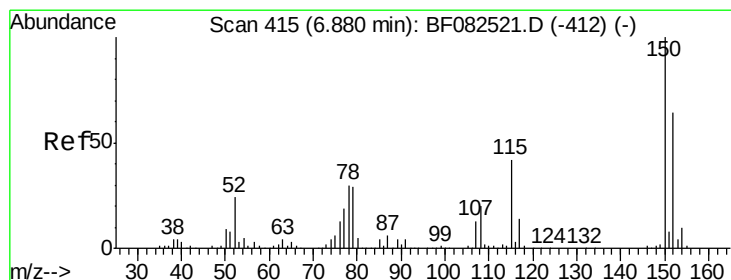
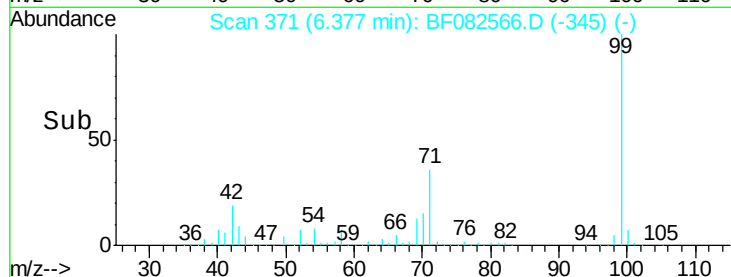
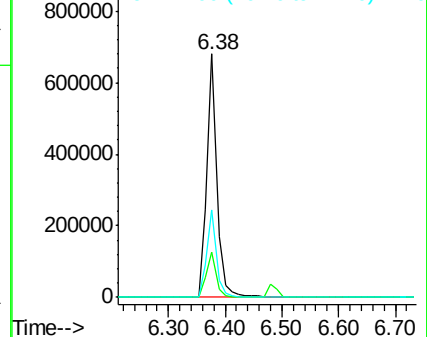
71 35.7 28.2 42.2



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: 2.45 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

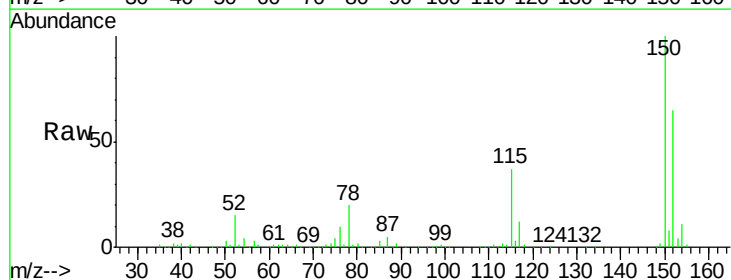
Tgt Ion: 79 Resp: 9718

Ion Ratio Lower Upper

79 100

108 32.1 55.0 82.6#

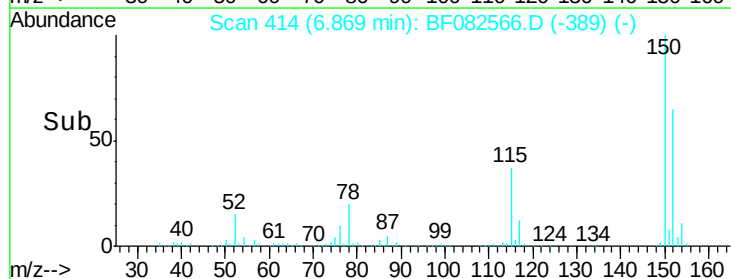
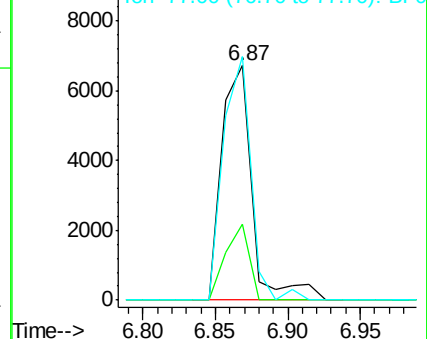
77 103.8 52.5 78.7#

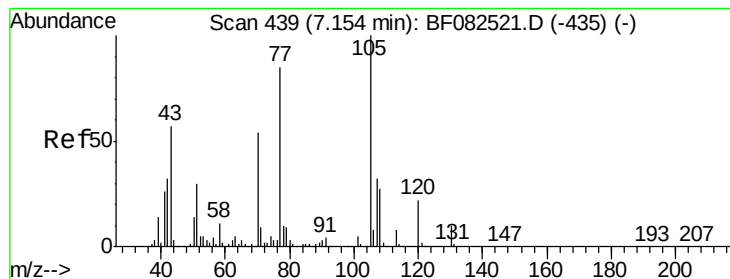


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 20.70 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

Tgt Ion: 70 Resp: 76744

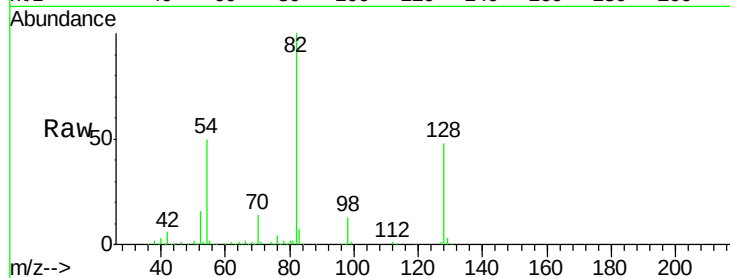
Ion Ratio Lower Upper

70 100

42 40.7 46.9 70.3#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

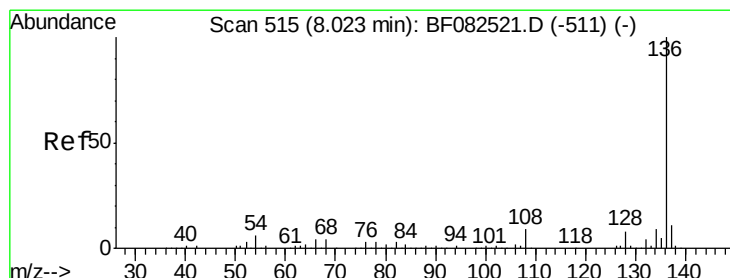
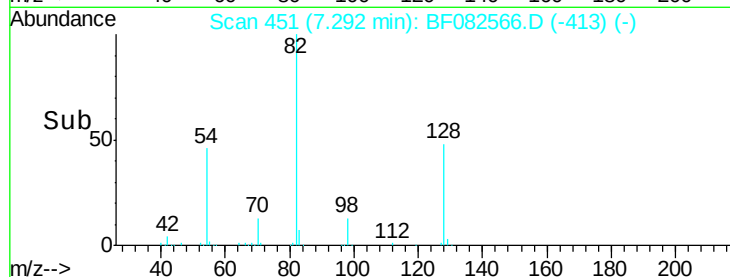
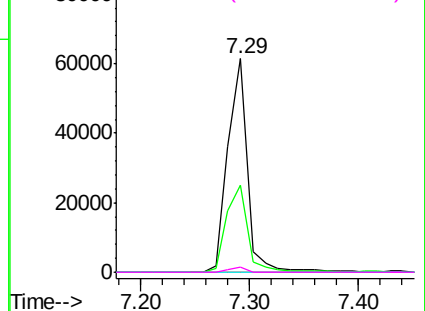


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Tgt Ion: 136 Resp: 316570

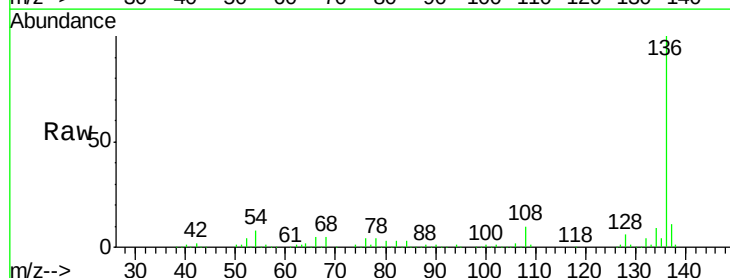
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.3 4.6 7.0#

68 5.3 3.2 4.8#

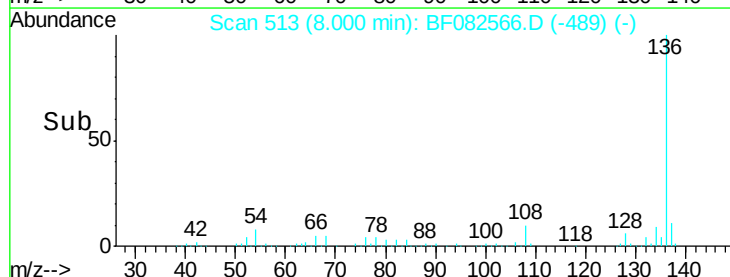
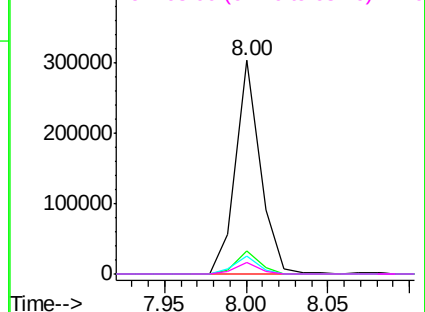


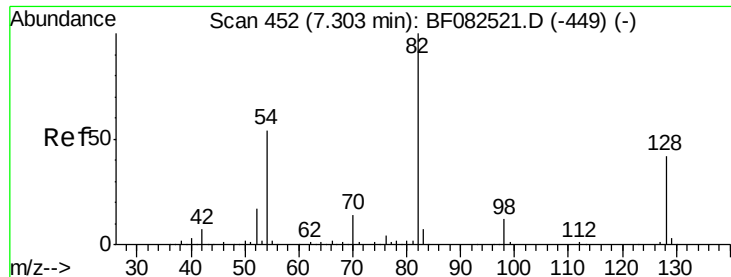
Abundance Ion 136.00 (135.70 to 136.70): E

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: 116.10 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

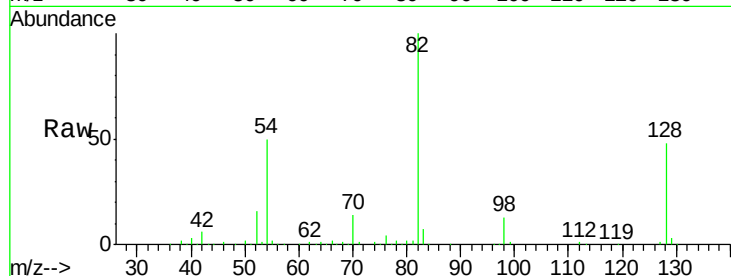
Tgt Ion: 82 Resp: 569694

Ion Ratio Lower Upper

82 100

128 47.6 33.4 50.0

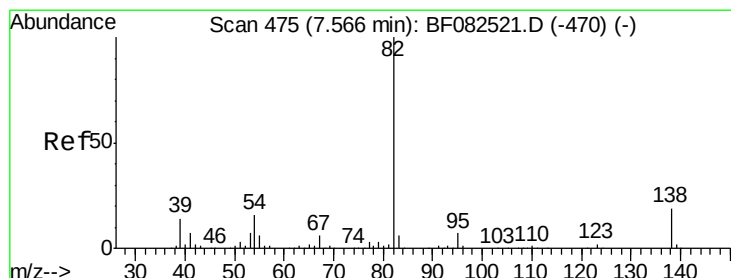
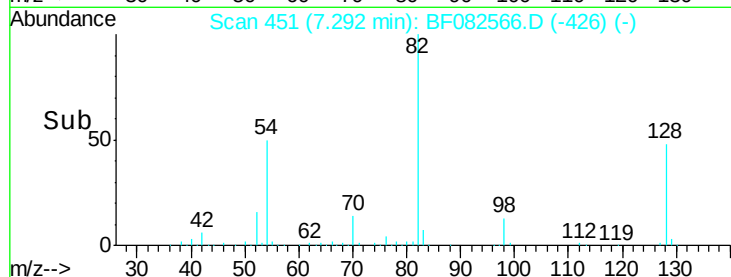
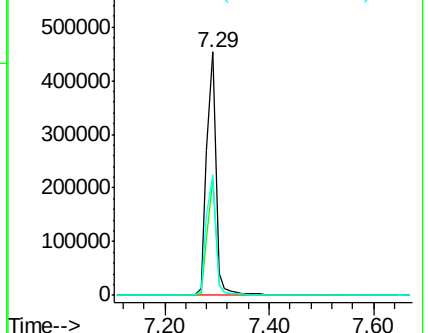
54 49.6 43.5 65.3



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: 56.59 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.27 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

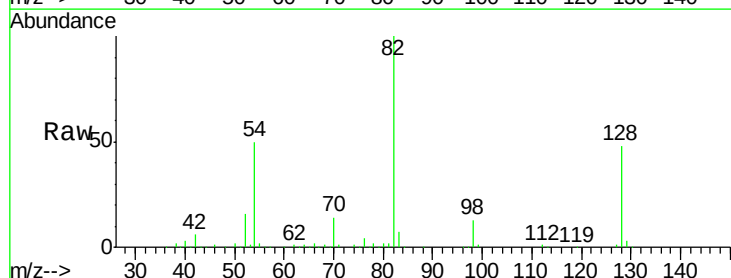
Tgt Ion: 82 Resp: 551690

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

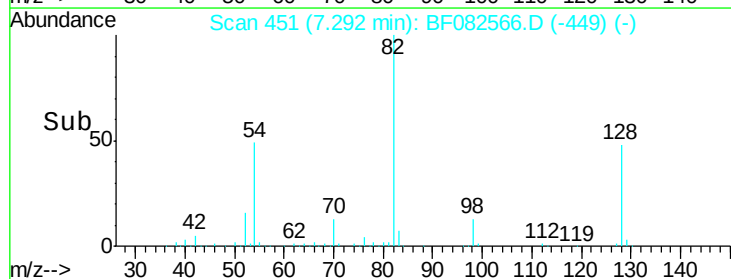
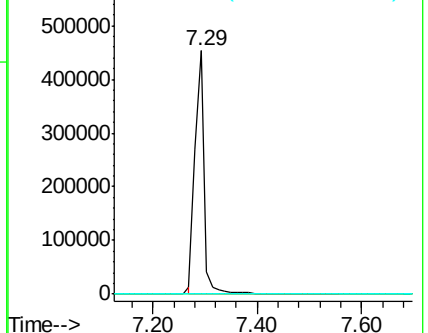
138 0.0 15.0 22.4#

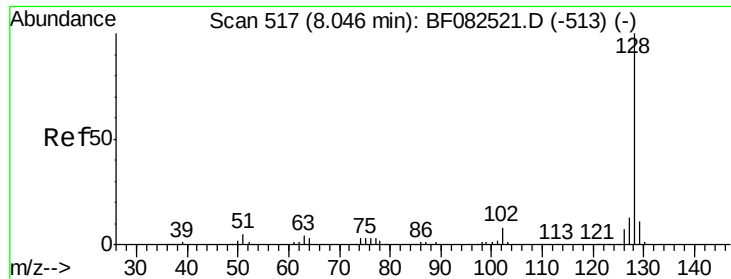


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

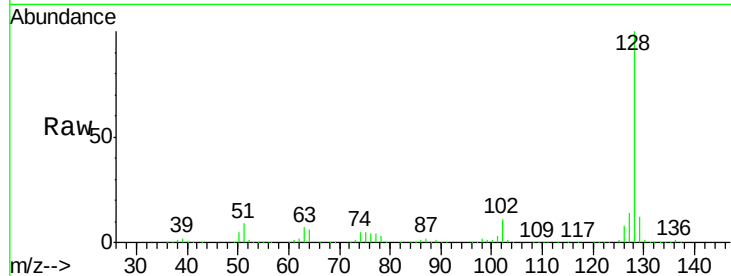




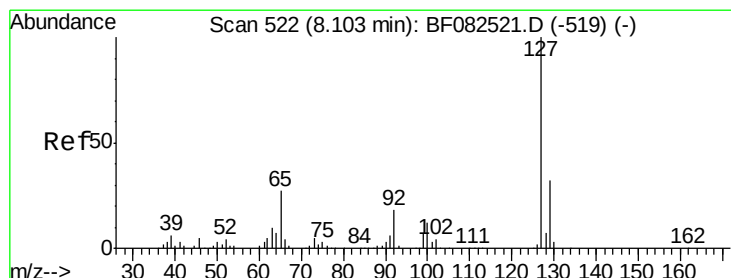
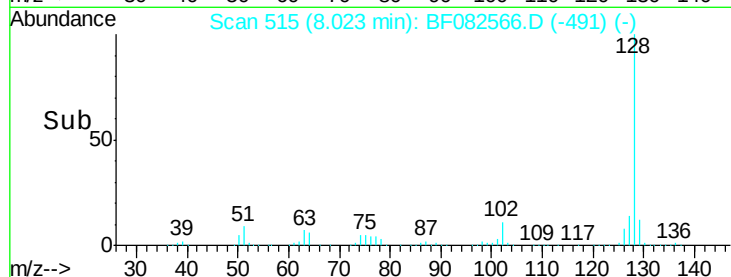
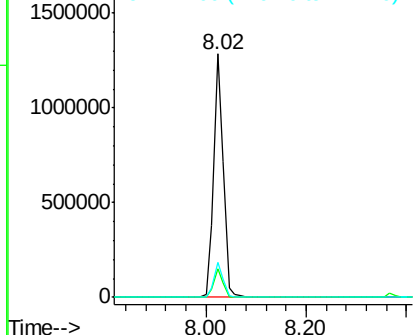
#31
Naphthalene
Concen: 118.32 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

Tgt Ion:128 Resp: 1711724
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 14.3 10.7 16.1

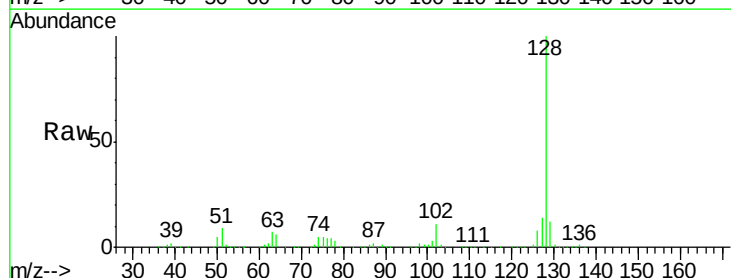


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

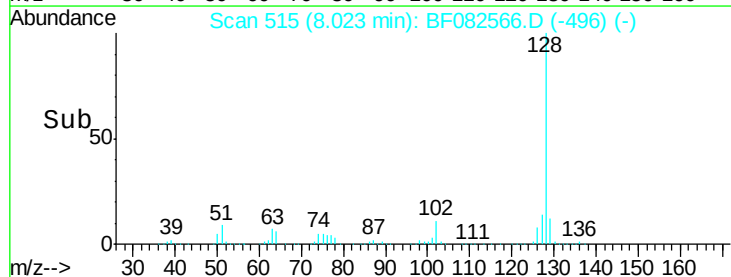
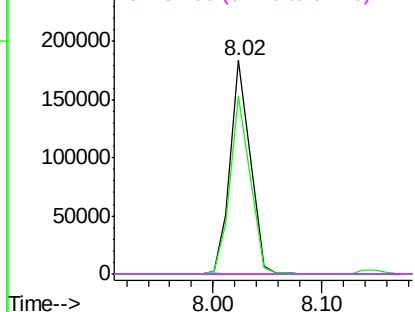


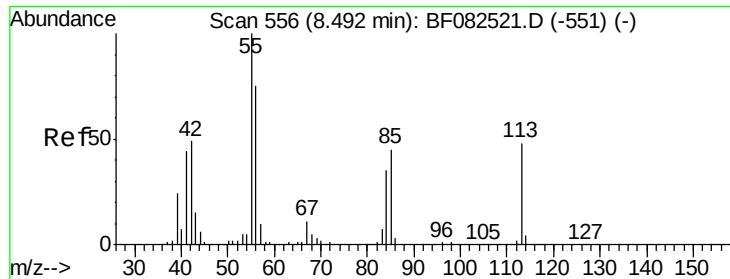
#33
4-Chloroaniline
Concen: 41.68 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Tgt Ion:127 Resp: 233804
Ion Ratio Lower Upper
127 100
129 83.4 25.8 38.8#
65 0.0 21.8 32.6#
92 0.0 14.6 22.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

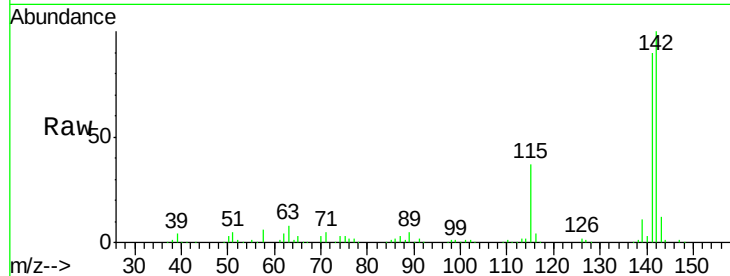




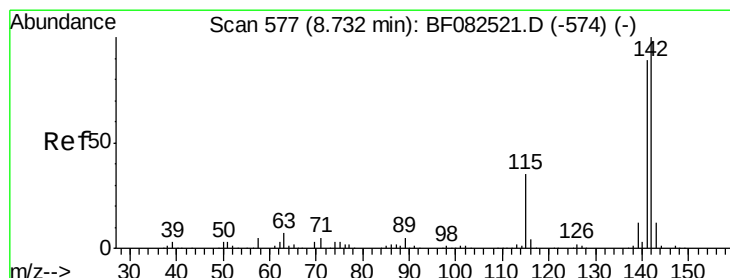
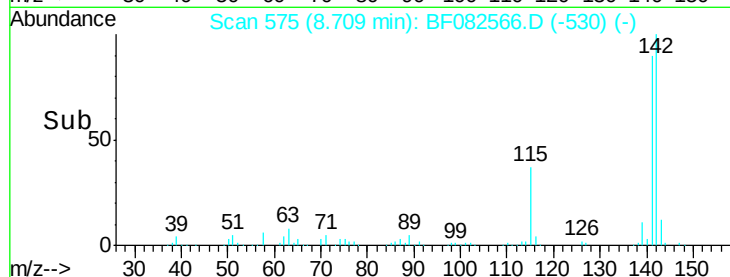
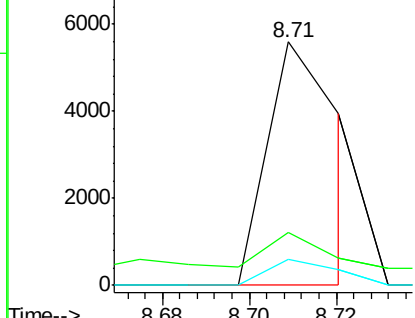
#35
 Caprolactam
 Concen: 5.49 ng
 RT: 8.71 min Scan# 575
 Delta R.T. 0.22 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Tgt Ion:113 Resp: 6547
 Ion Ratio Lower Upper
 113 100
 55 21.6 188.9 228.9#
 56 10.8 135.8 175.8#

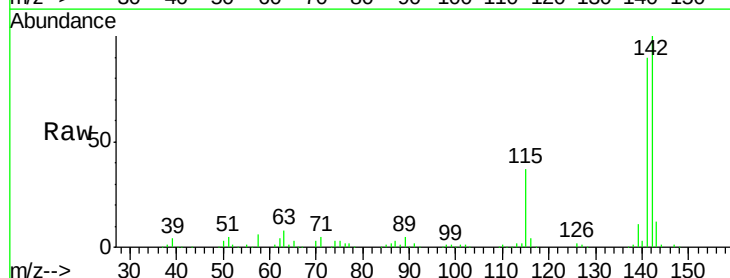


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

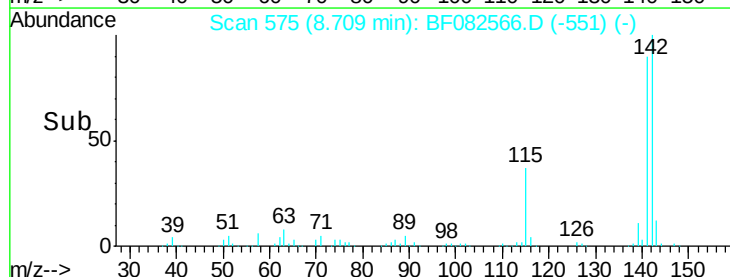
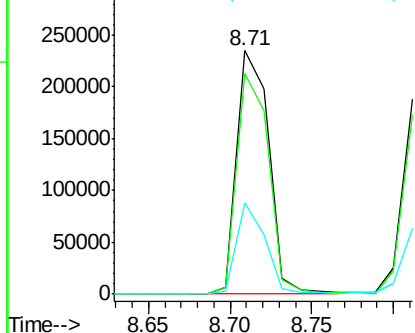


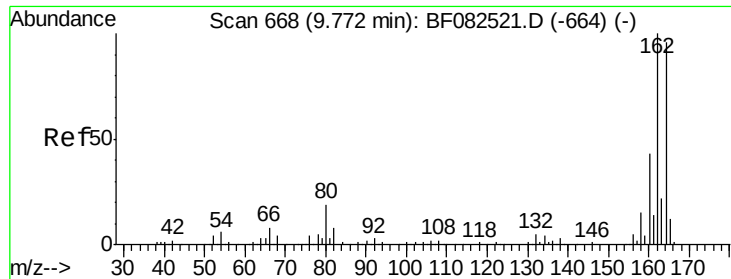
#37
 2-Methylnaphthalene
 Concen: 32.51 ng
 RT: 8.71 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Tgt Ion:142 Resp: 317765
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 37.3 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

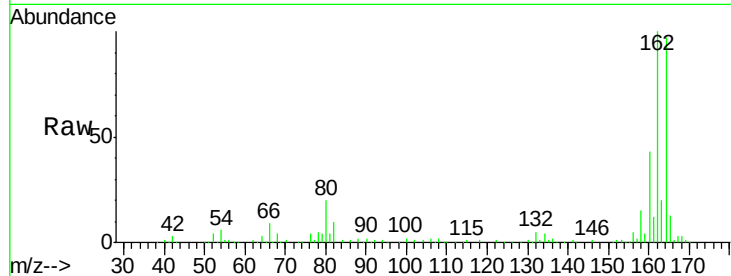




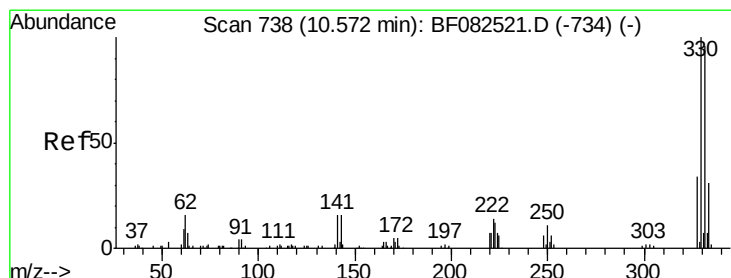
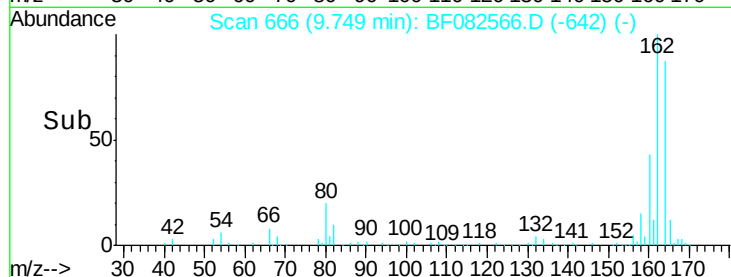
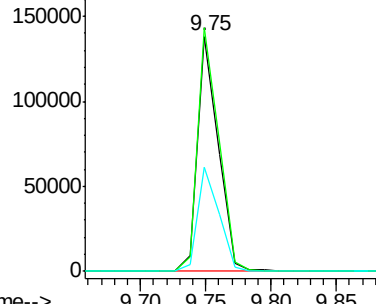
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Tgt Ion:164 Resp: 153315
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.6 125.4
 160 44.5 36.0 54.0

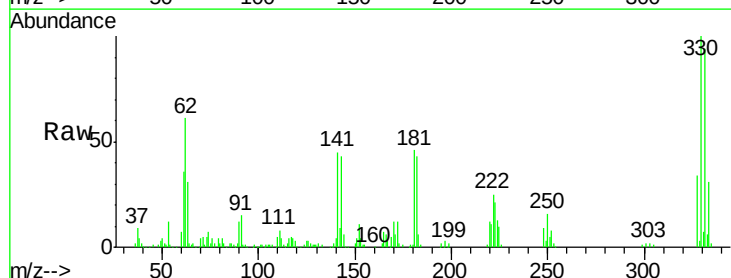


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

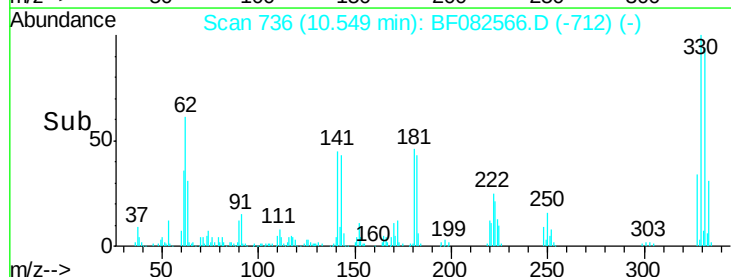
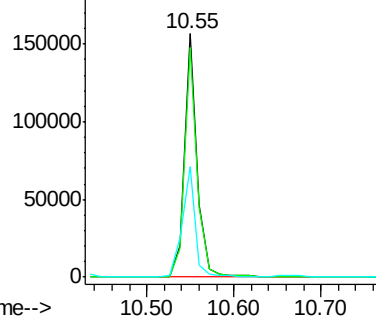


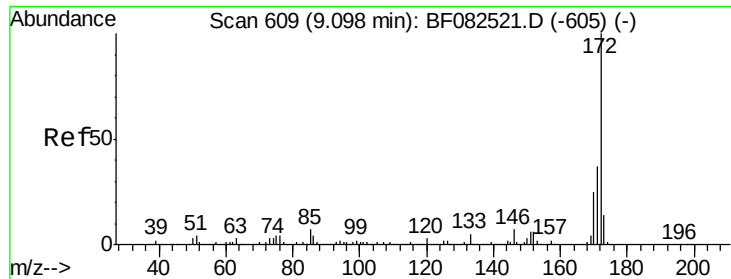
#41
 2,4,6-Tribromophenol
 Concen: 140.28 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Tgt Ion:330 Resp: 161047
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.0
 141 45.8 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

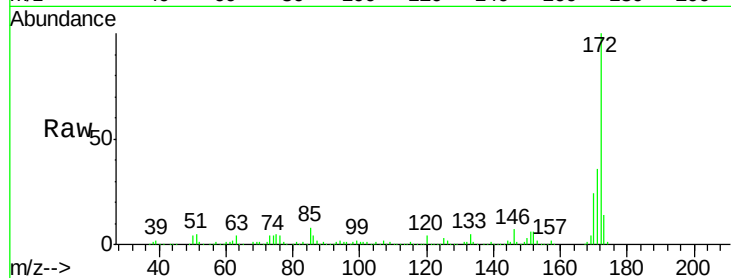




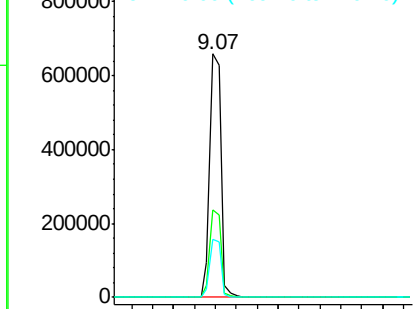
#44
 2-Fluorobiphenyl
 Concen: 102.93 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

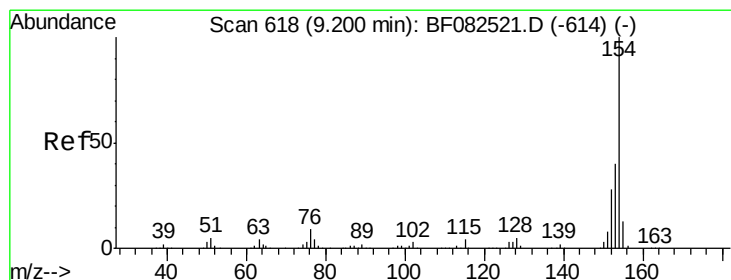
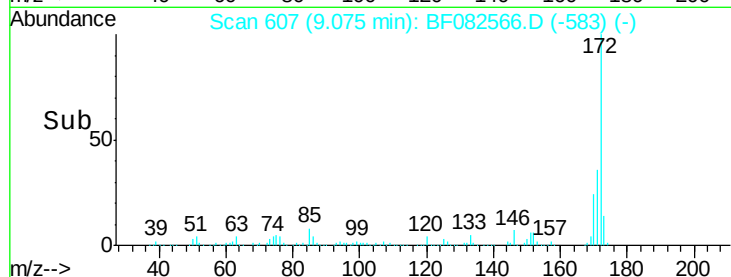
Tgt Ion:172 Resp: 992433
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.0 19.8 29.6



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

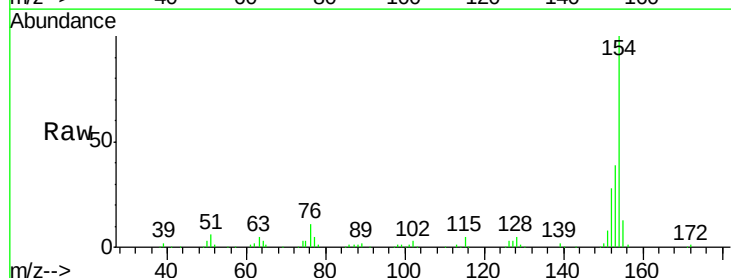


Time-->

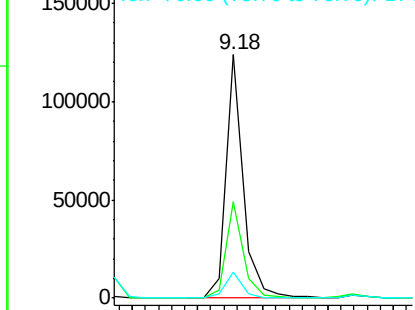


#45
 1,1'-Biphenyl
 Concen: 10.05 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

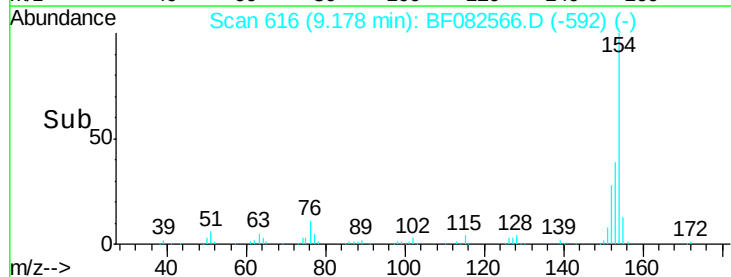
Tgt Ion:154 Resp: 114620
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.4 60.4
 76 10.6 0.0 29.2

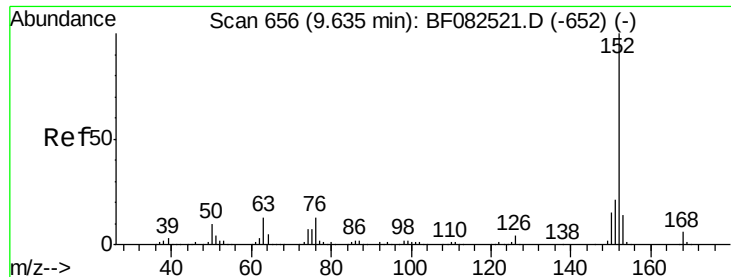


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



Time-->





#48

Acenaphthylene

Concen: 10.17 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

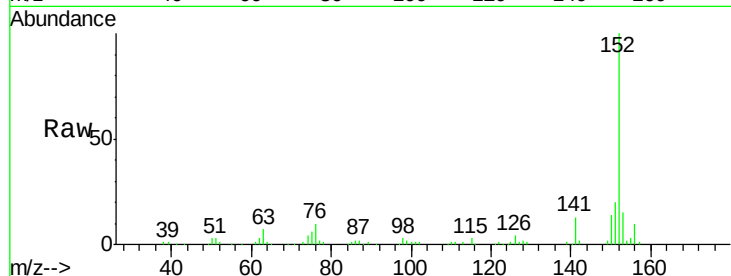
Tgt Ion:152 Resp: 146448

Ion Ratio Lower Upper

152 100

151 19.6 16.6 25.0

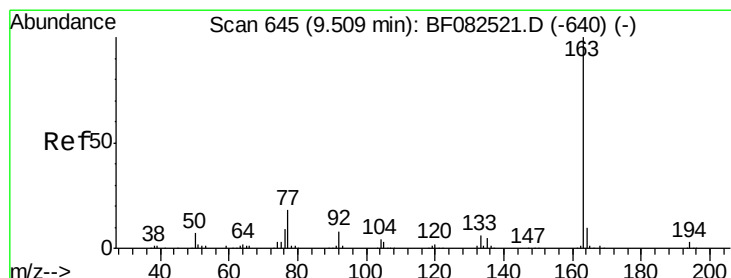
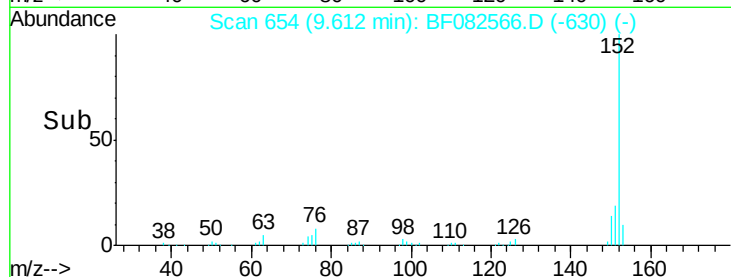
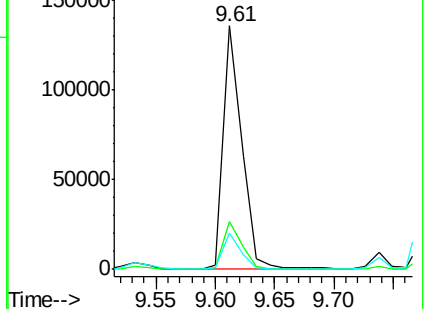
153 14.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 25.26 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

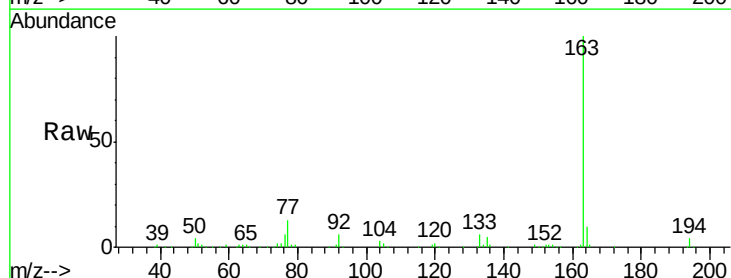
Tgt Ion:163 Resp: 269461

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

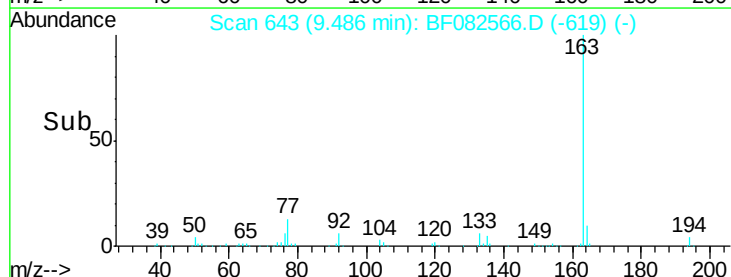
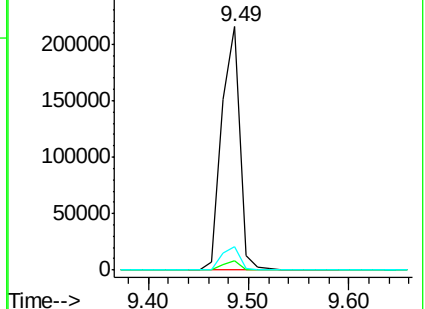
164 9.5 8.2 12.4

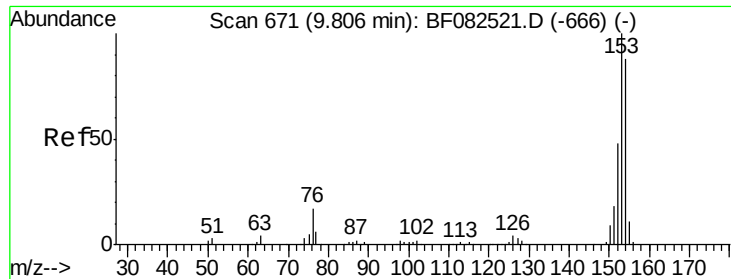


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 42.02 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

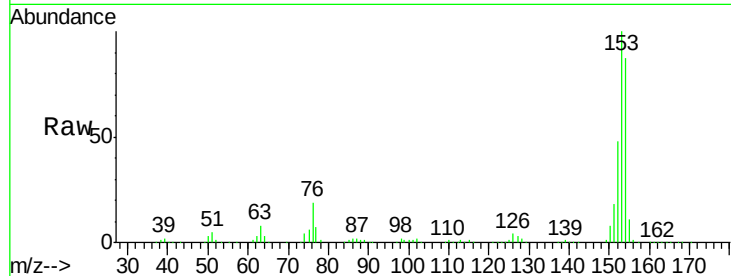
Tgt Ion:154 Resp: 347122

Ion Ratio Lower Upper

154 100

153 115.0 90.7 136.1

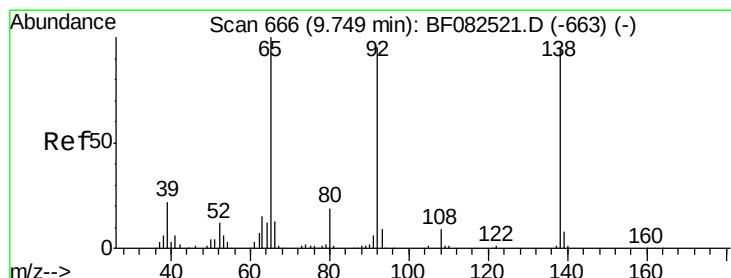
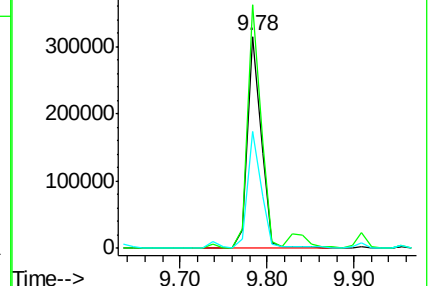
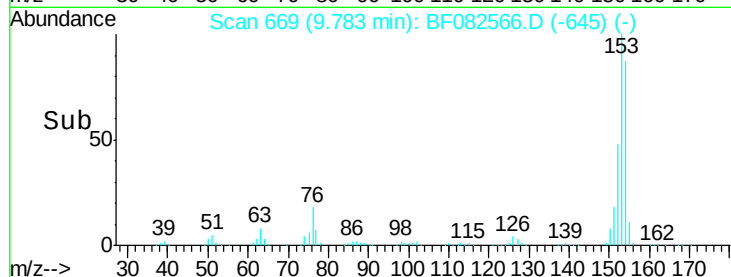
152 55.3 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.09 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.21 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

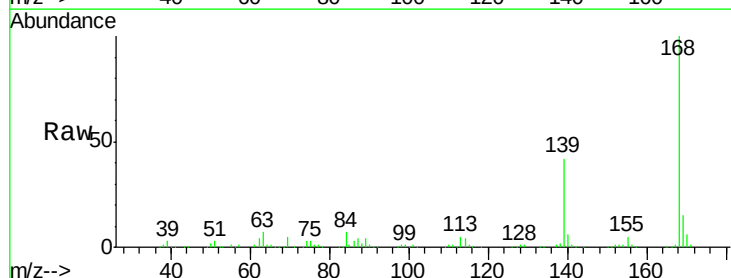
Tgt Ion:138 Resp: 7854

Ion Ratio Lower Upper

138 100

108 0.0 7.4 11.2#

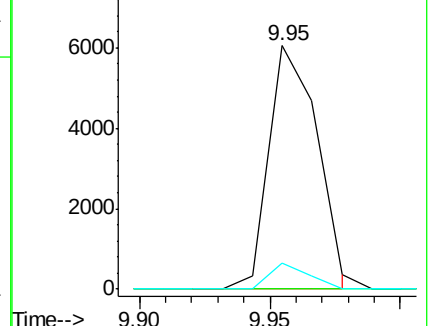
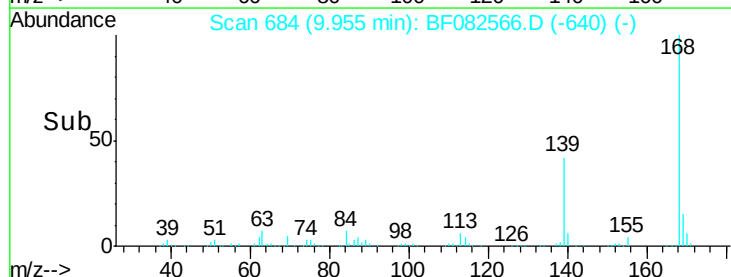
92 10.8 80.2 120.2#

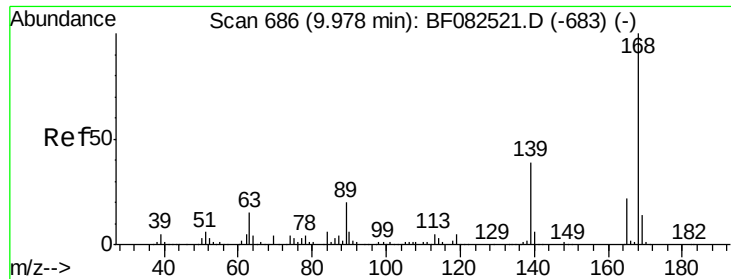


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

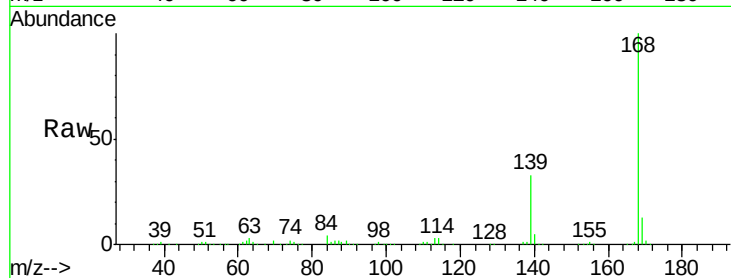




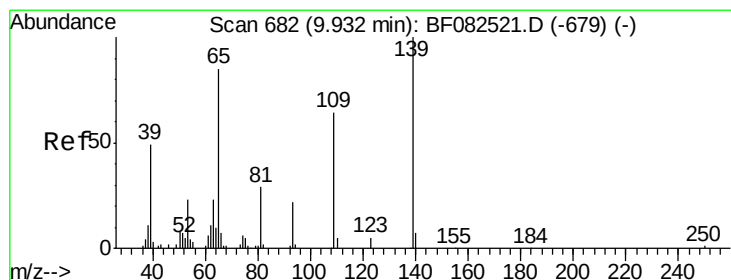
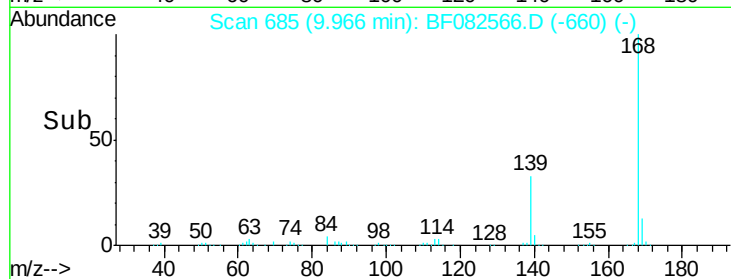
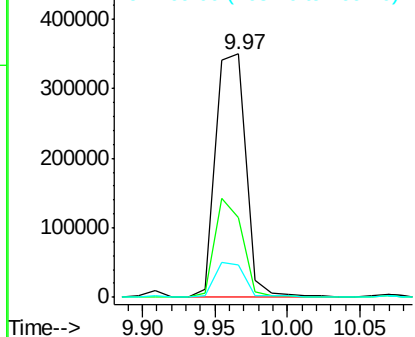
#54
Dibenzenofuran
Concen: 42.16 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

Tgt Ion:168 Resp: 508124
Ion Ratio Lower Upper
168 100
139 32.8 33.0 49.6#
169 13.2 11.0 16.4

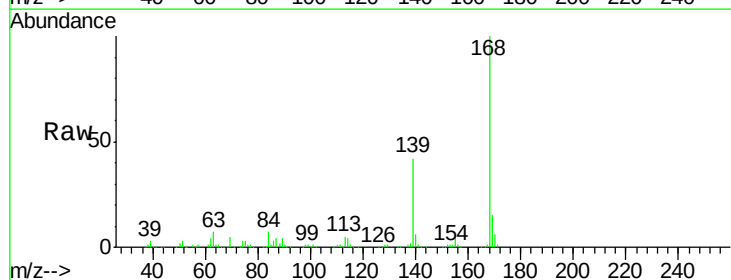


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

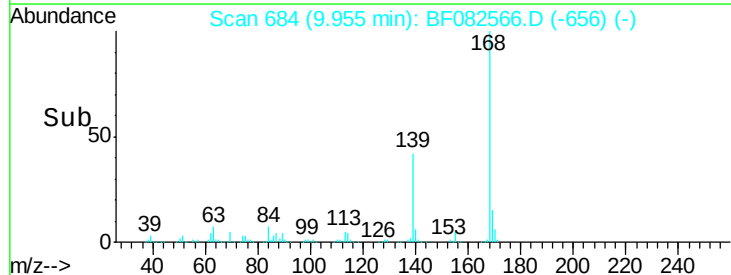
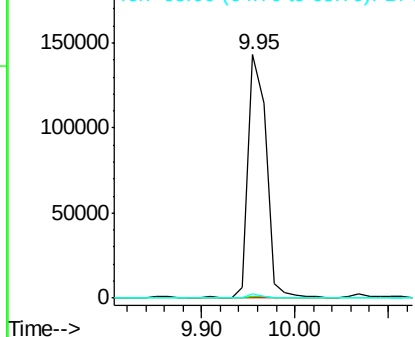


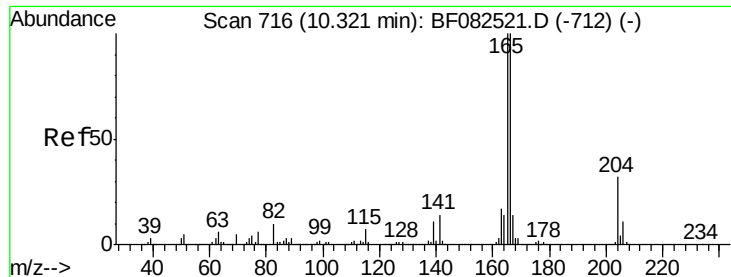
#55
4-Nitrophenol
Concen: 127.40 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.02 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Tgt Ion:139 Resp: 192908
Ion Ratio Lower Upper
139 100
109 0.8 44.2 84.2#
65 1.9 68.1 108.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 51.27 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

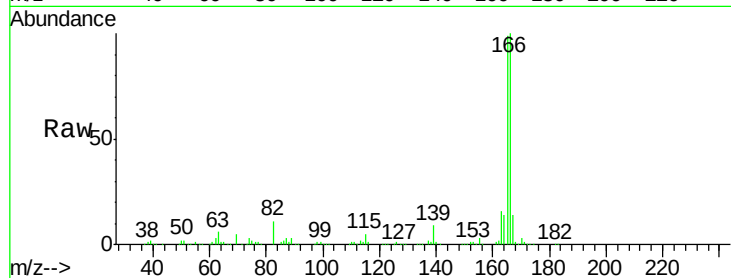
Tgt Ion:166 Resp: 507317

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

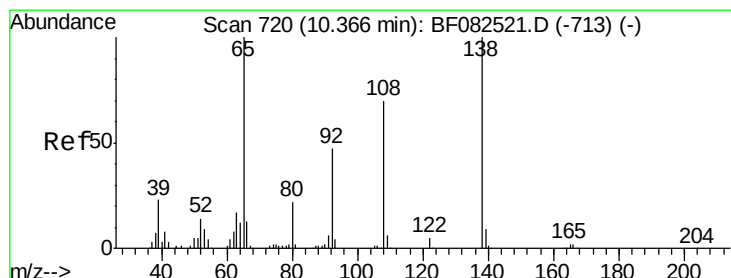
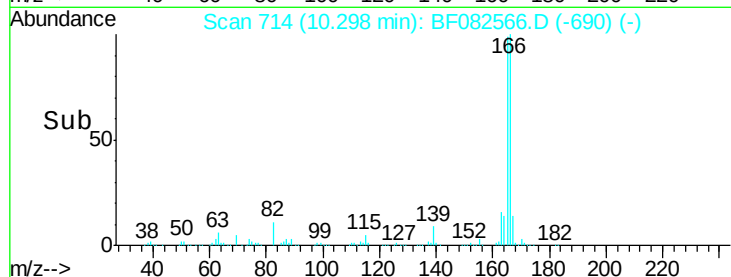
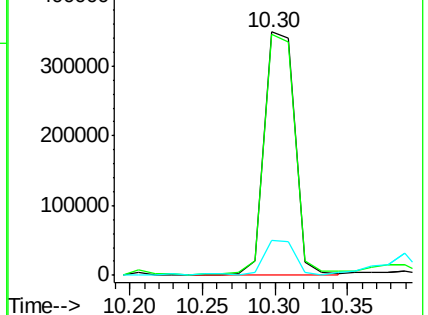
167 14.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 2.06 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.07 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

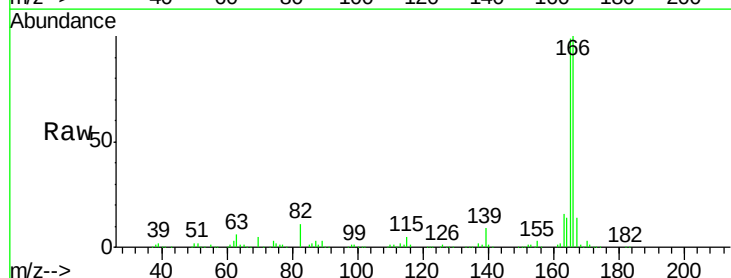
Tgt Ion:138 Resp: 5227

Ion Ratio Lower Upper

138 100

92 0.0 27.3 67.3#

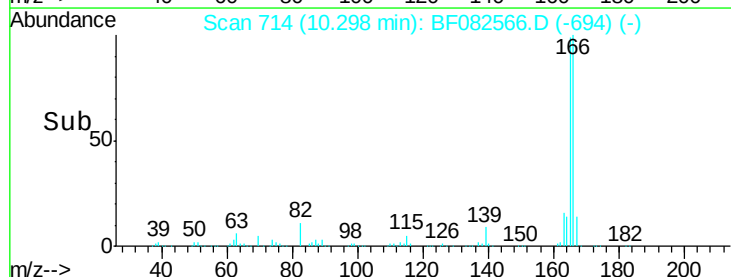
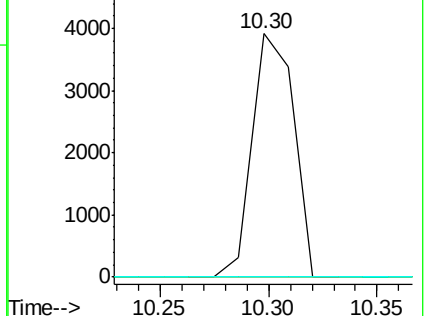
108 0.0 49.8 89.8#

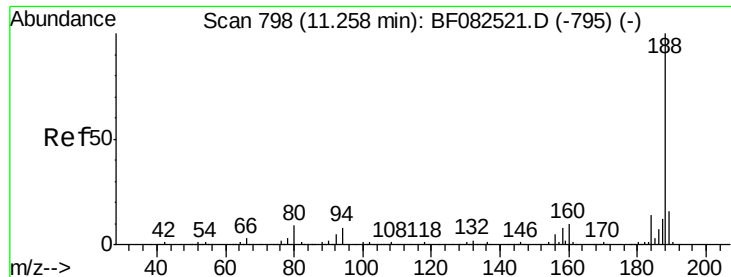


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

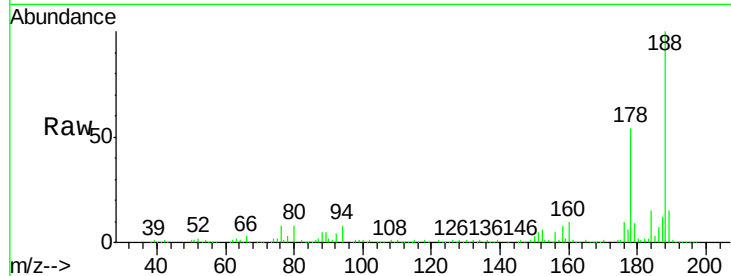




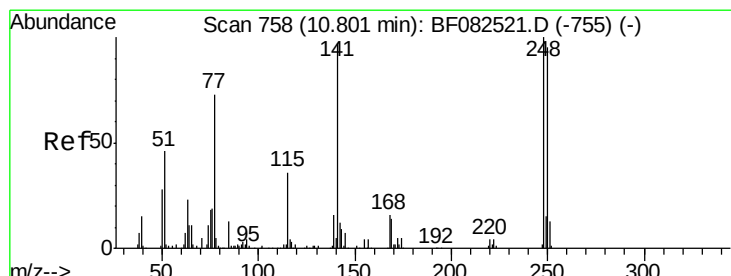
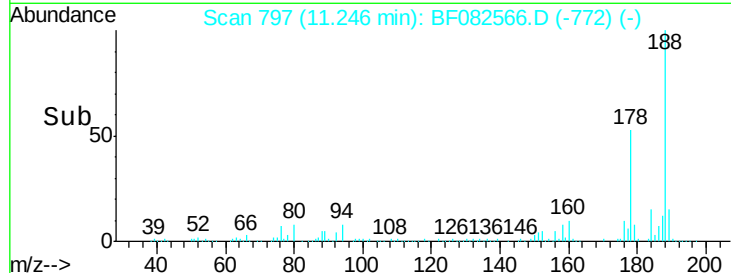
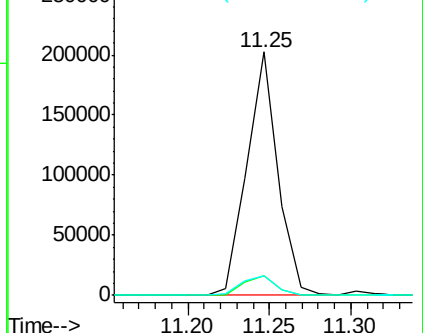
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Tgt Ion:188 Resp: 266570
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.4 9.6
 80 8.2 7.0 10.6

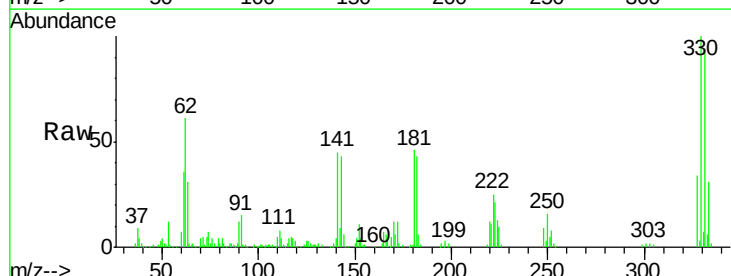


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

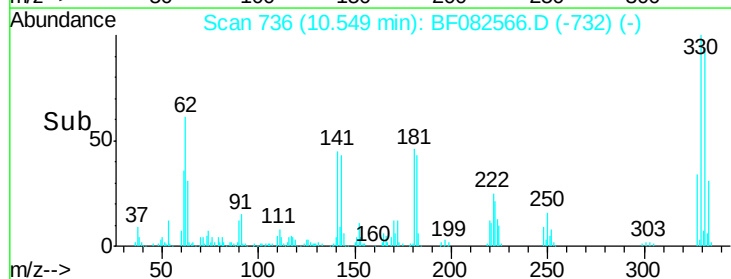
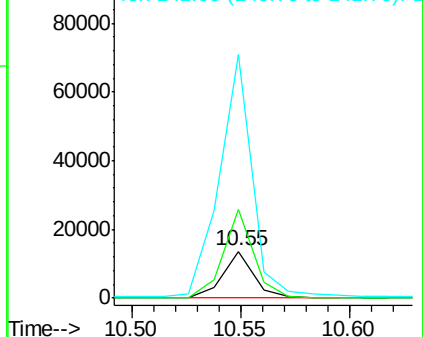


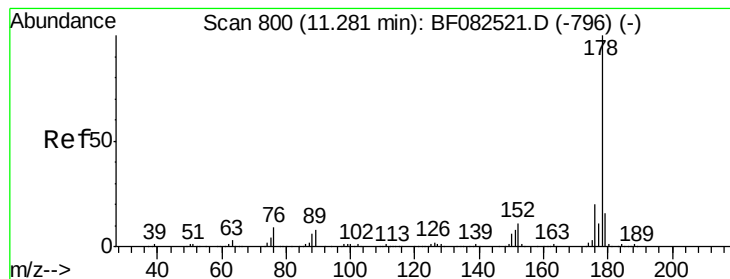
#66
 4-Bromophenyl-phenylether
 Concen: 5.23 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.25 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Tgt Ion:248 Resp: 13093
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.0 114.0#
 141 522.3 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





#70

Phenanthrene

Concen: 223.42 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

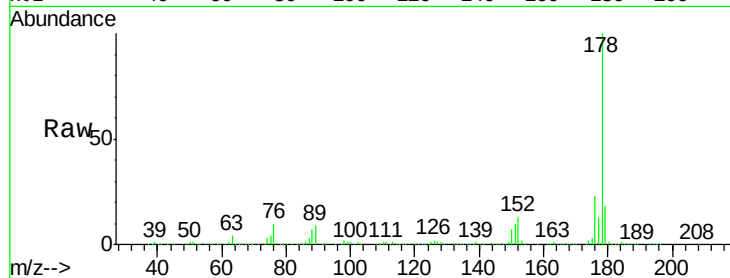
Tgt Ion:178 Resp: 3065065

Ion Ratio Lower Upper

178 100

176 22.7 15.9 23.9

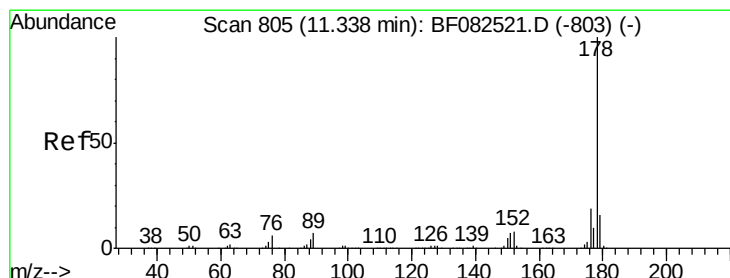
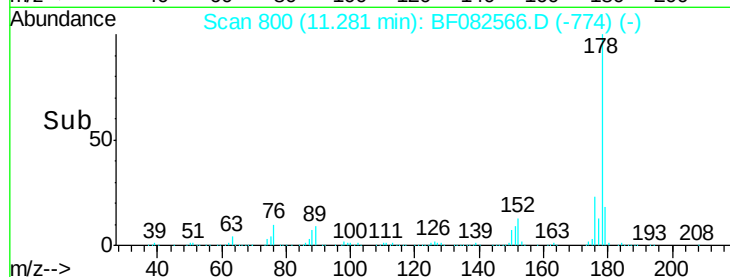
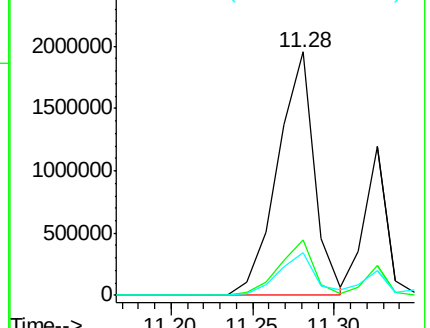
179 17.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 86.02 ng

RT: 11.33 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

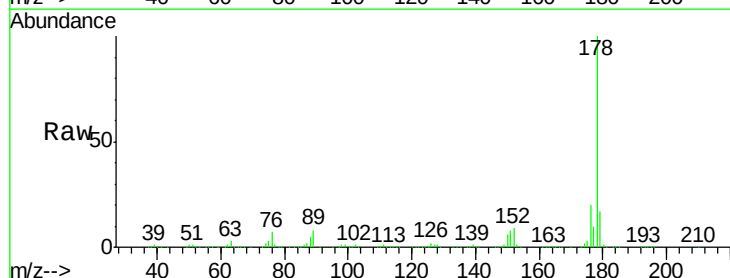
Tgt Ion:178 Resp: 1188460

Ion Ratio Lower Upper

178 100

176 20.3 15.2 22.8

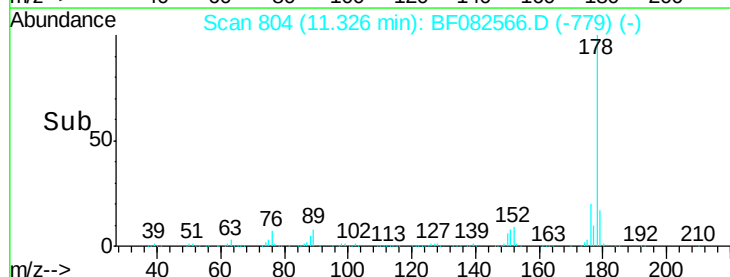
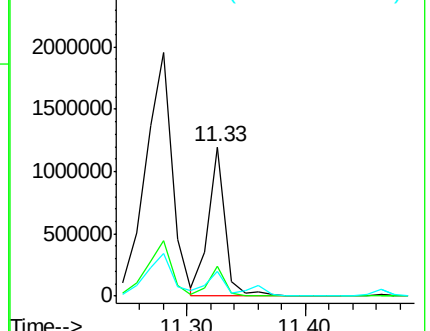
179 16.6 12.6 19.0

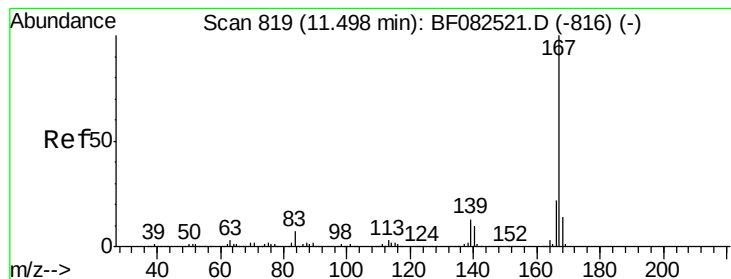


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.85 ng

RT: 11.49 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

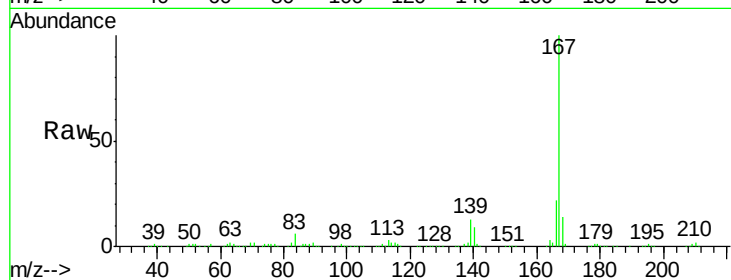
Tgt Ion:167 Resp: 485451

Ion Ratio Lower Upper

167 100

166 22.0 17.9 26.9

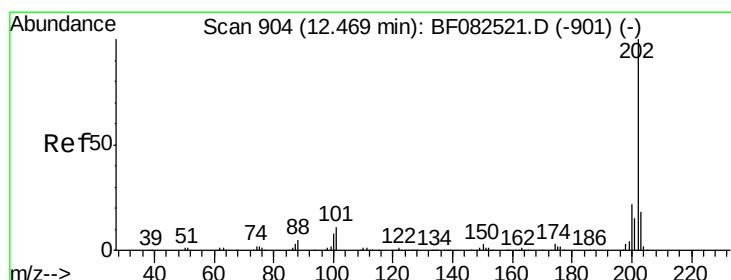
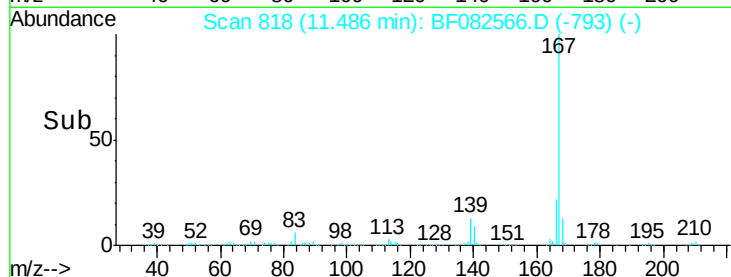
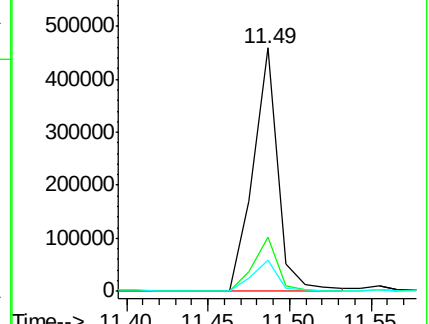
139 12.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 193.57 ng

RT: 12.47 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

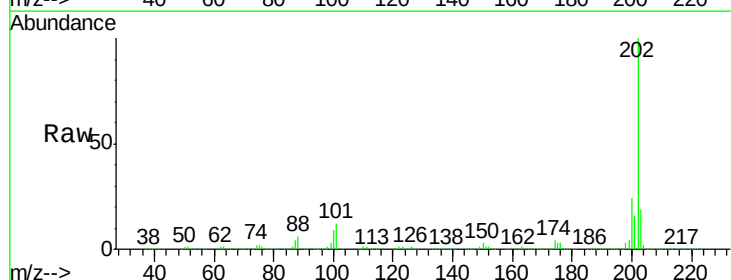
Tgt Ion:202 Resp: 2725903

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.2

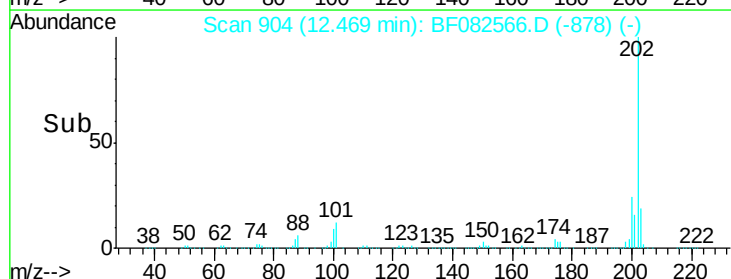
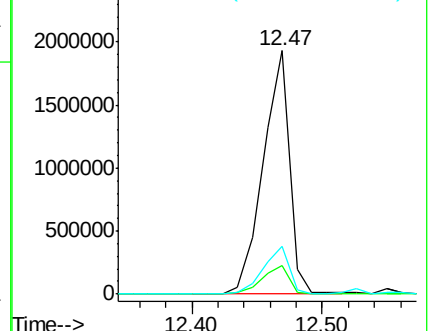
203 19.4 0.0 38.1

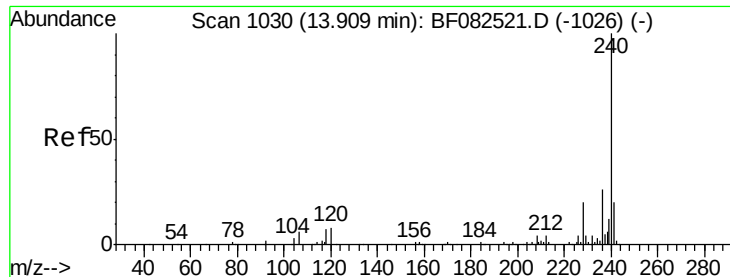


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

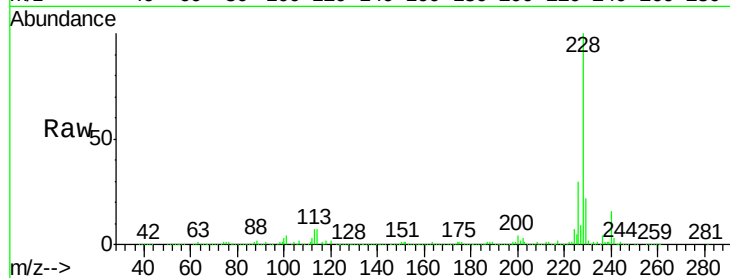
Tgt Ion:240 Resp: 166776

Ion Ratio Lower Upper

240 100

120 13.9 6.5 9.7#

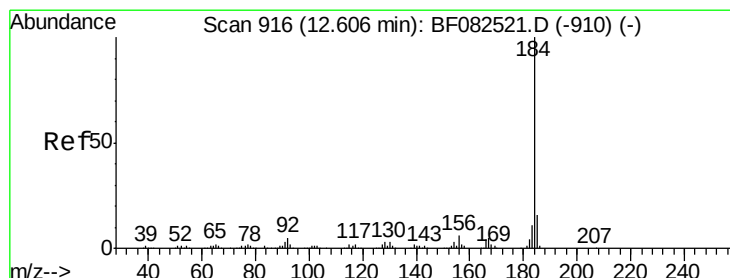
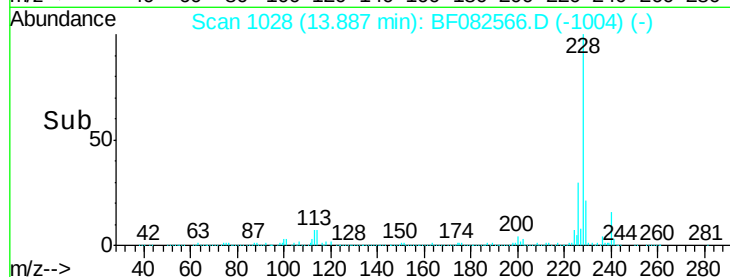
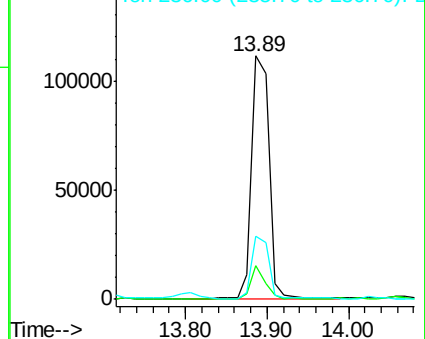
236 25.9 20.5 30.7



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



#76

Benzidine

Concen: 2.31 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.22 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

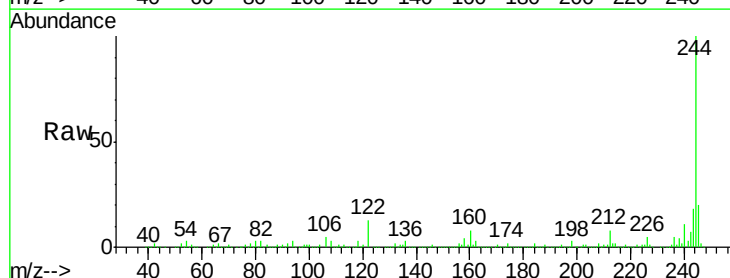
Tgt Ion:184 Resp: 10582

Ion Ratio Lower Upper

184 100

185 16.3 12.8 19.2

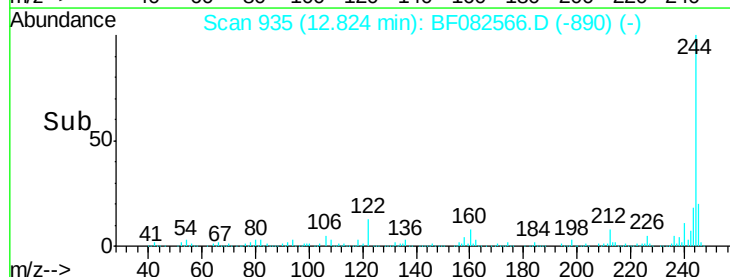
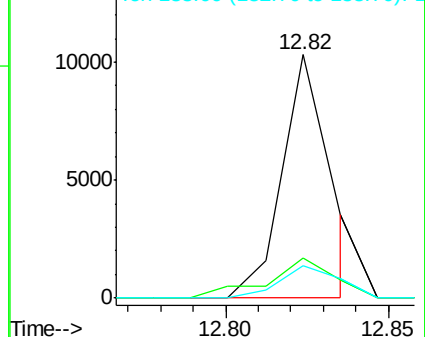
183 13.4 8.9 13.3#

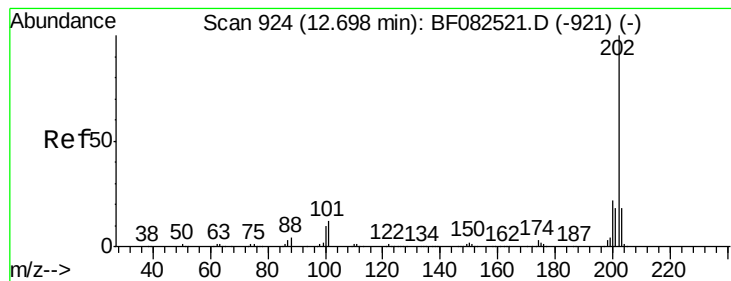


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 220.99 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

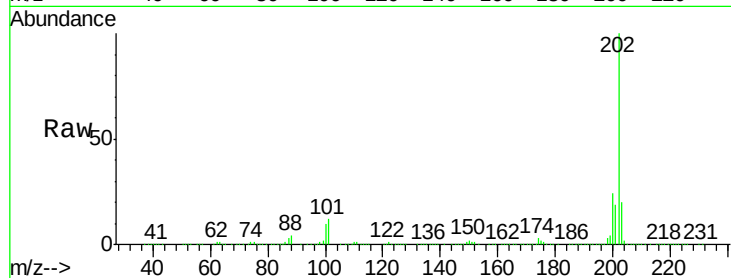
Tgt Ion:202 Resp: 2266916

Ion Ratio Lower Upper

202 100

200 23.6 17.6 26.4

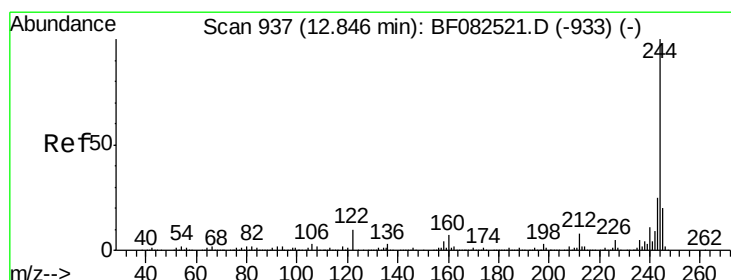
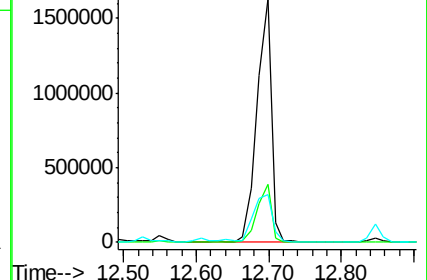
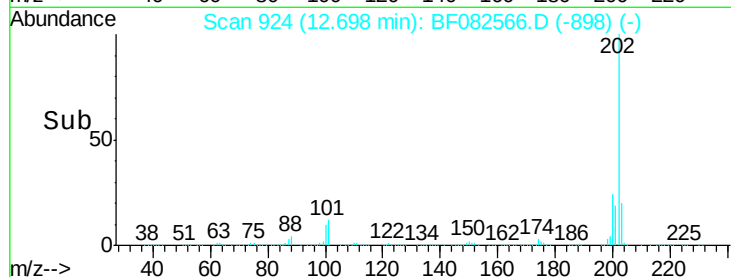
203 19.8 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 127.77 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

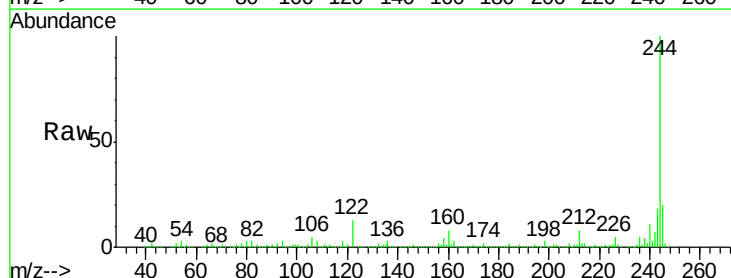
Tgt Ion:244 Resp: 739655

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

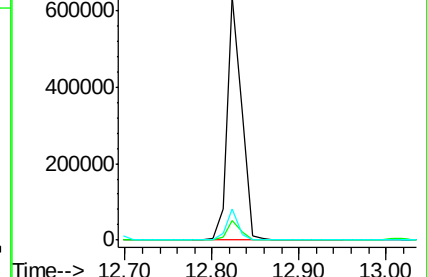
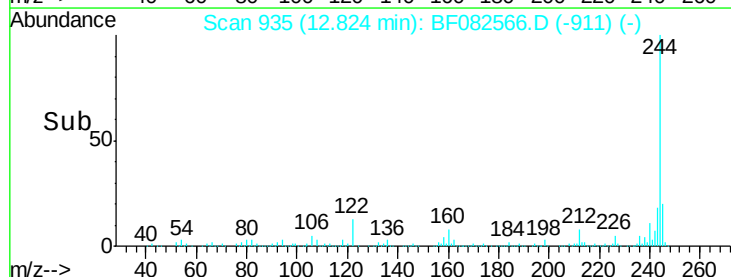
122 13.0 8.1 12.1#

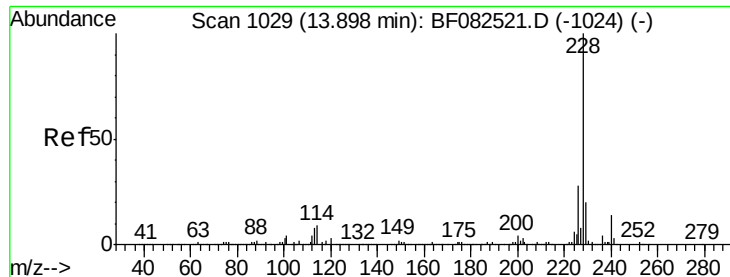


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 122.25 ng

RT: 13.89 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

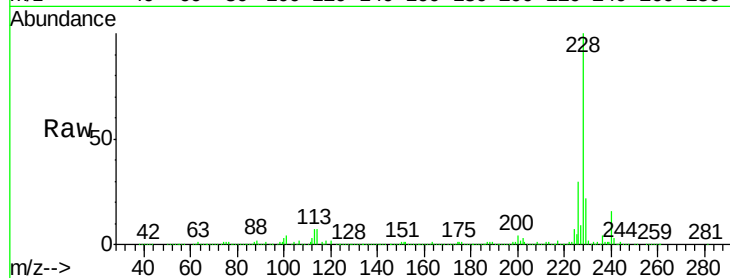
Tgt Ion:228 Resp: 1093057

Ion Ratio Lower Upper

228 100

226 29.8 22.1 33.1

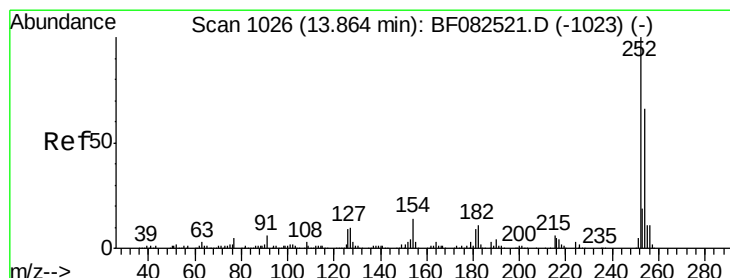
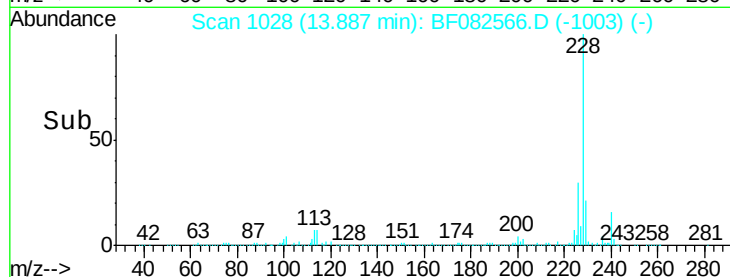
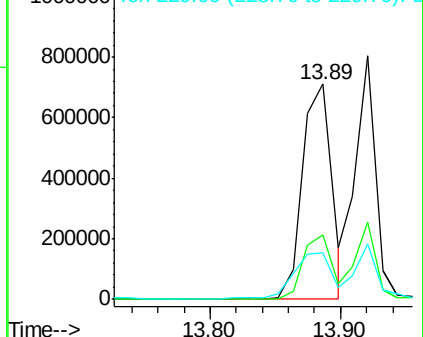
229 21.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.39 ng

RT: 13.92 min Scan# 1031

Delta R.T. 0.06 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

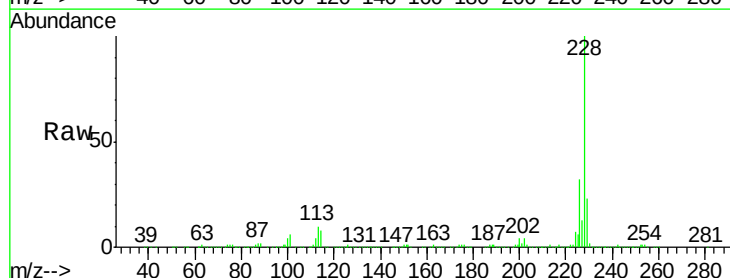
Tgt Ion:252 Resp: 7424

Ion Ratio Lower Upper

252 100

254 144.3 53.0 79.6#

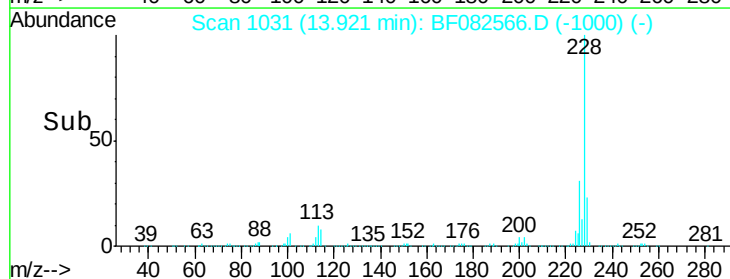
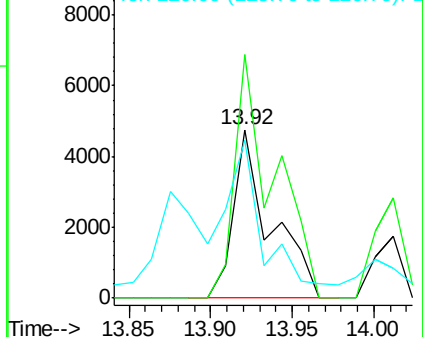
126 93.6 7.4 11.2#

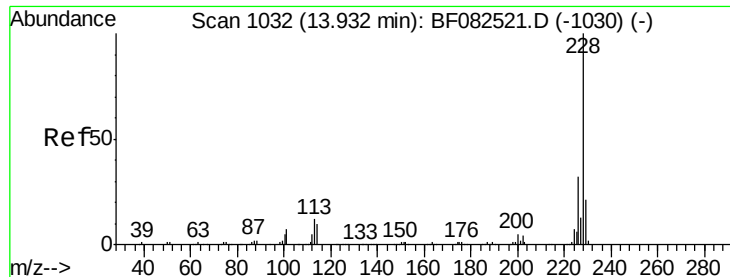


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 129.42 ng

RT: 13.89 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

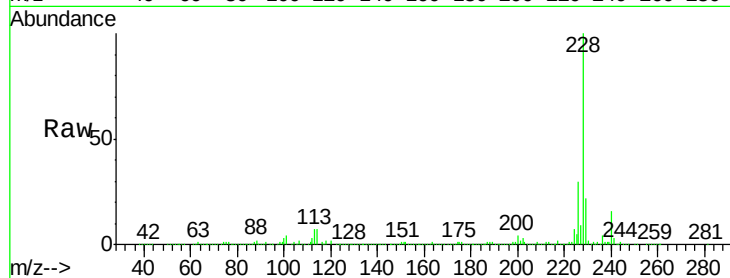
Tgt Ion:228 Resp: 1093057

Ion Ratio Lower Upper

228 100

226 29.8 25.2 37.8

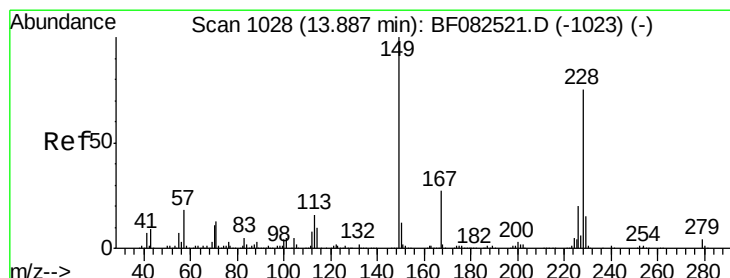
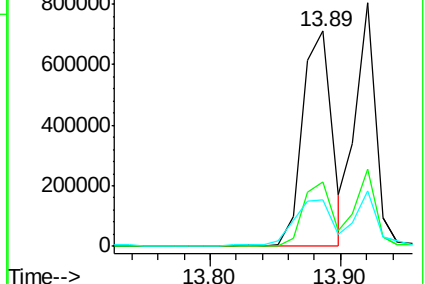
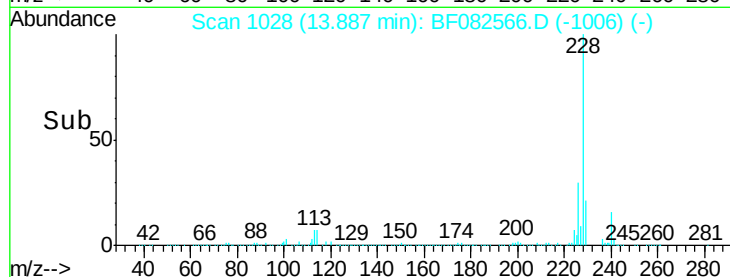
229 21.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.56 ng

RT: 13.86 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

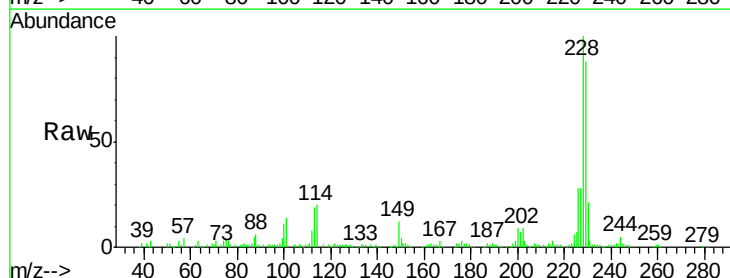
Tgt Ion:149 Resp: 14810

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

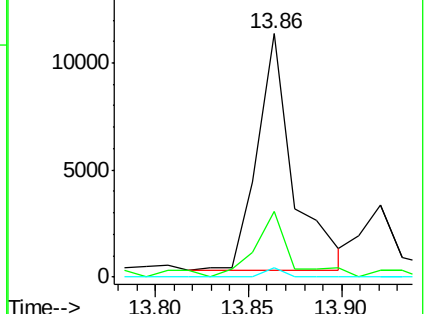
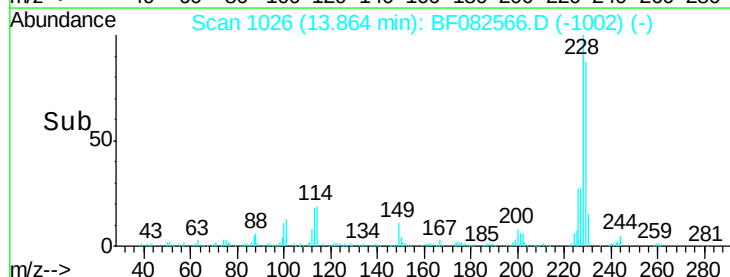
279 3.7 3.0 4.6

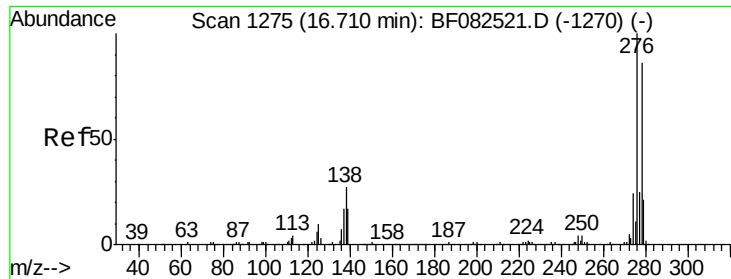


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 72.64 ng

RT: 16.69 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

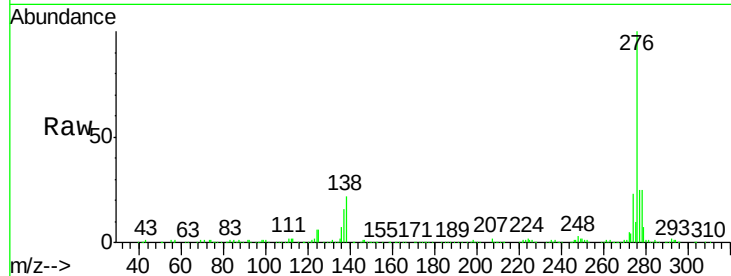
Tgt Ion:276 Resp: 563633

Ion Ratio Lower Upper

276 100

138 21.2 20.6 30.8

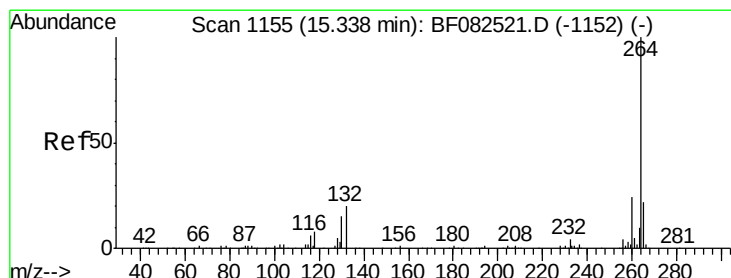
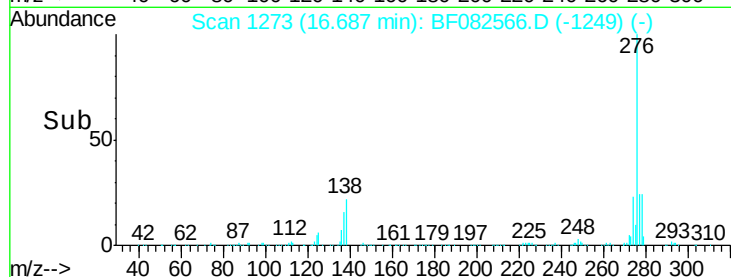
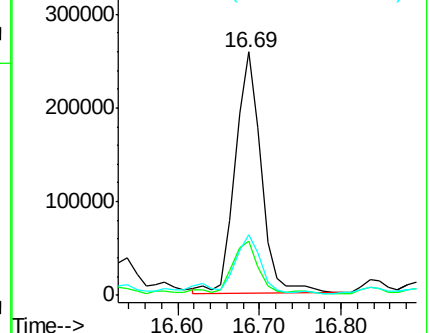
277 23.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

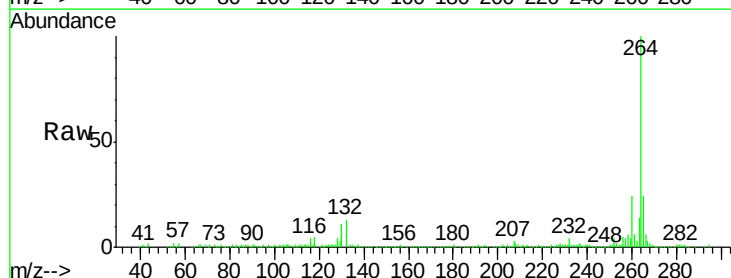
Tgt Ion:264 Resp: 187614

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

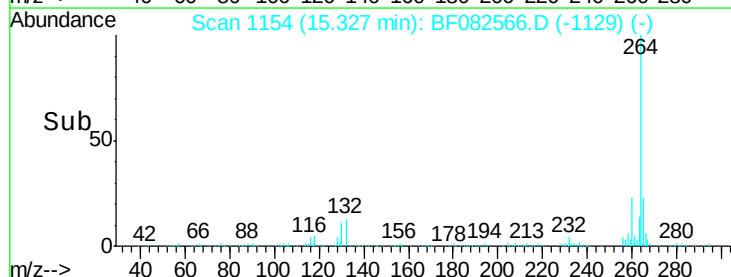
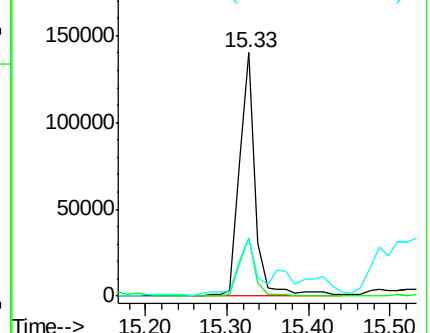
265 23.6 17.8 26.6

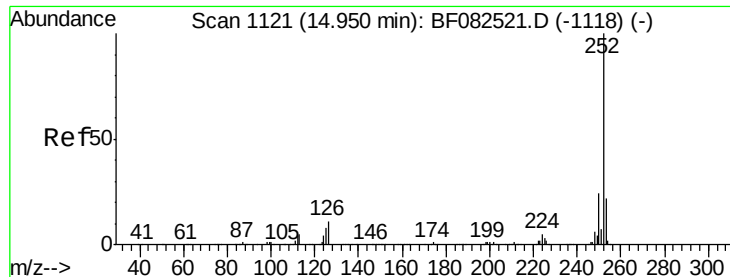


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 17.05 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.08 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

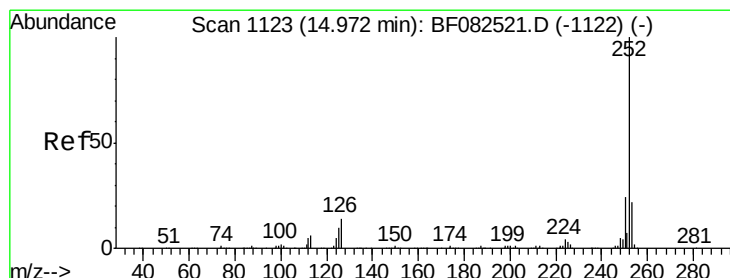
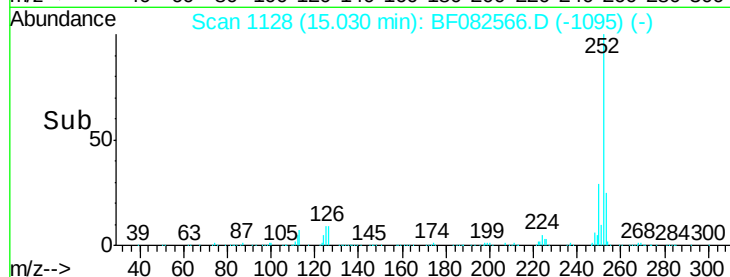
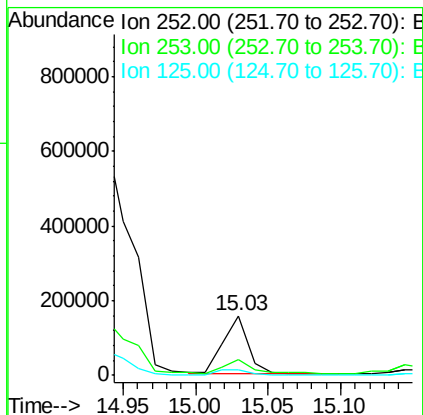
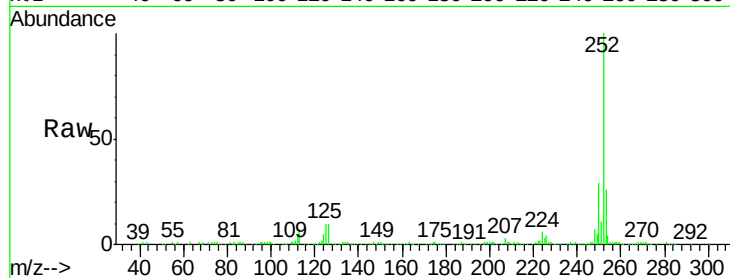
Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

Tgt Ion:	252	Resp:	189935
Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	9.7	6.6	10.0



#88

Benzo(k)fluoranthene

Concen: 165.16 ng

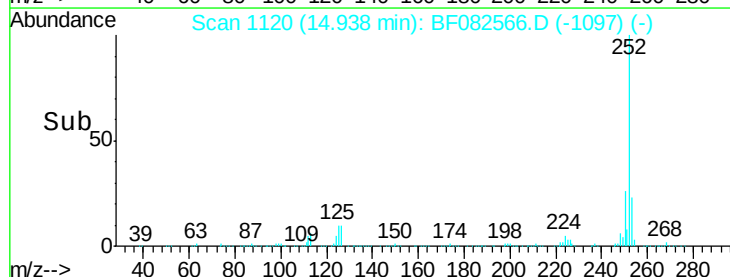
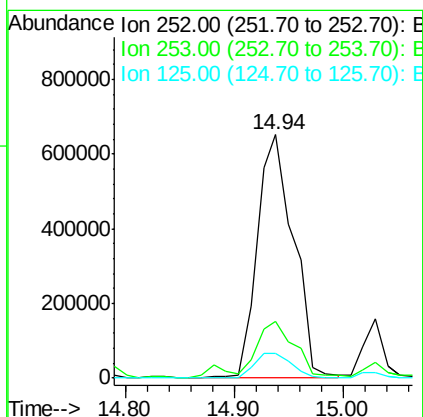
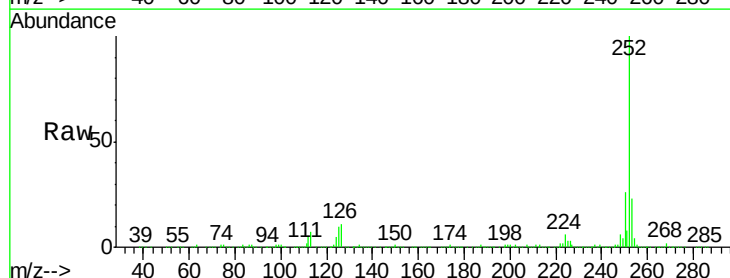
RT: 14.94 min Scan# 1120

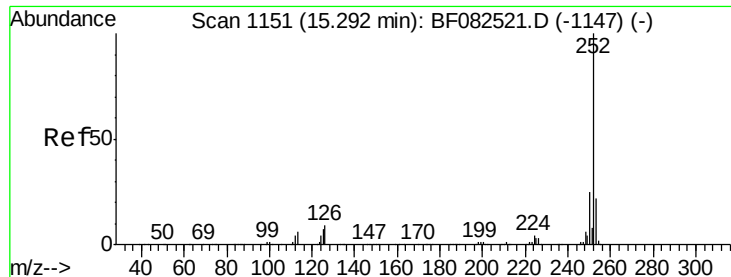
Delta R.T. -0.03 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Tgt Ion:	252	Resp:	1500213
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.2	8.7	13.1





#89

Benzo(a)pyrene

Concen: 87.85 ng

RT: 15.27 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

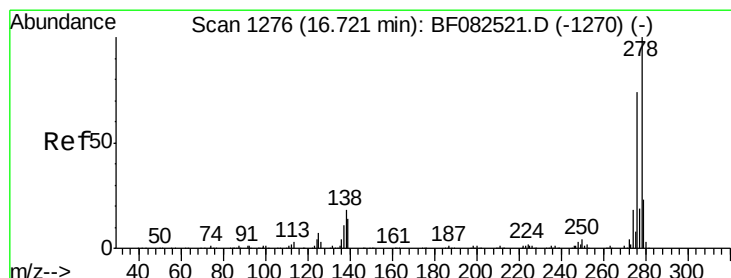
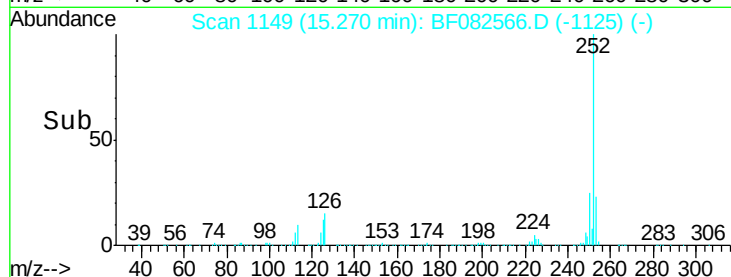
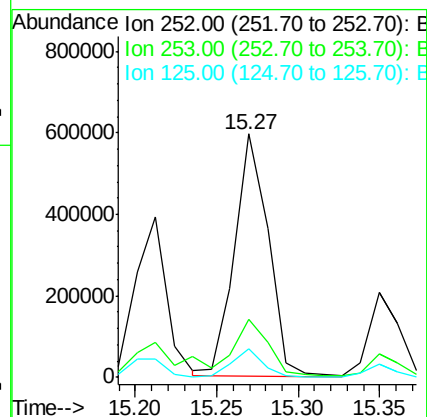
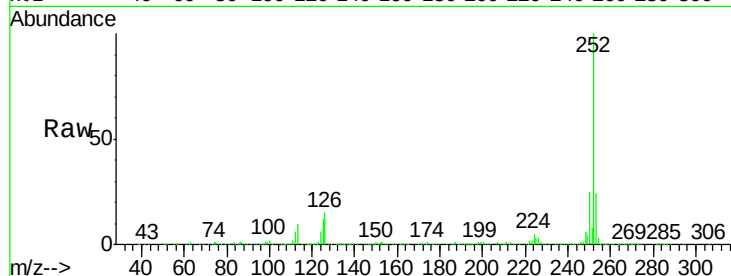
Tgt Ion:252 Resp: 847953

Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

125 11.8 5.9 8.9#



#90

Dibenzo(a,h)anthracene

Concen: 14.66 ng

RT: 16.84 min Scan# 1286

Delta R.T. 0.11 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

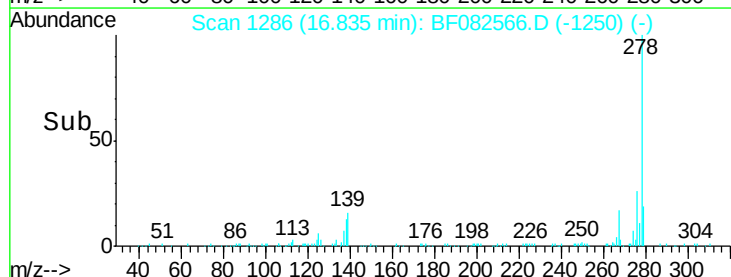
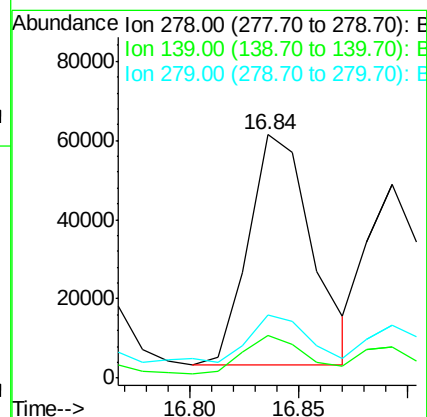
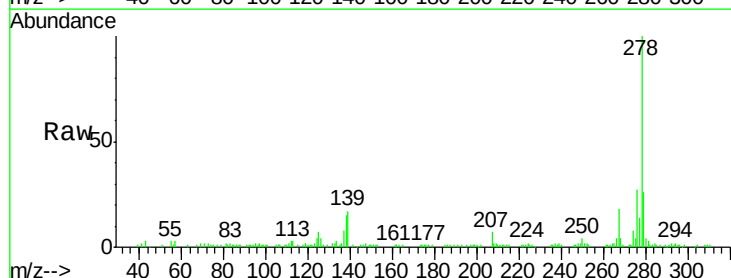
Tgt Ion:278 Resp: 118404

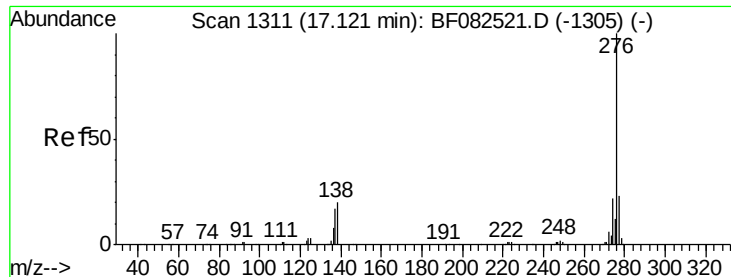
Ion Ratio Lower Upper

278 100

139 17.3 11.6 17.4

279 25.9 18.7 28.1





#91
 Benzo(g,h,i)perylene
 Concen: 63.61 ng
 RT: 17.10 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Tgt Ion: 276 Resp: 508274
 Ion Ratio Lower Upper
 276 100
 277 25.6 18.3 27.5
 138 22.2 16.0 24.0

