

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 14:47:51 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

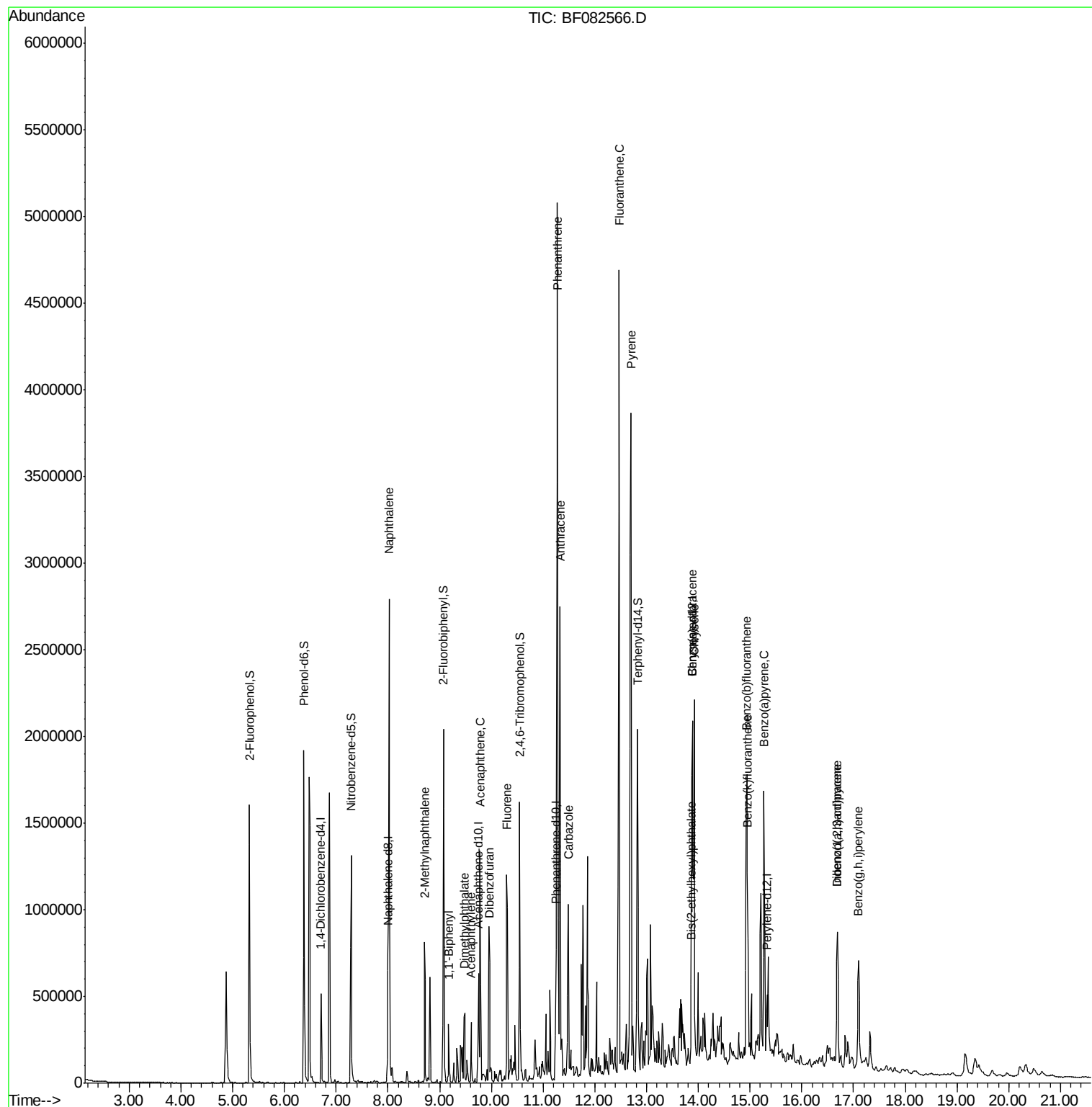
Target Compounds				Qvalue		
31) Naphthalene	8.02	128	1711724	118.32	ng	97
37) 2-Methylnaphthalene	8.71	142	317765	32.51	ng	98
45) 1,1'-Biphenyl	9.18	154	114620	10.05	ng	98
48) Acenaphthylene	9.61	152	146448	10.17	ng	97
49) Dimethylphthalate	9.49	163	269461	25.26	ng	98
51) Acenaphthene	9.78	154	347122	42.02	ng	99
54) Dibenzofuran	9.97	168	508124	42.16	ng	# 89
57) Fluorene	10.30	166	507317	51.27	ng	100
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
77) Pvrene	12.70	202	2266916	220.99	ng	97
80) Benzo(a)anthracene	13.89	228	1093057	122.25	ng	96
82) Chrysene	13.92	228	875375m	103.64	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	14810	2.56	ng	99
85) Indeno(1,2,3-cd)pvrene	16.69	276	563633	72.64	ng	94
87) Benzo(b)fluoranthene	14.94	252	1262501m	113.31	ng	
88) Benzo(k)fluoranthene	14.95	252	254860m	28.06	ng	
89) Benzo(a)pvrene	15.27	252	847953	87.85	ng	# 93
90) Dibenzo(a,h)anthracene	16.69	278	139829m	17.31	ng	
91) Benzo(g,h,i)perylene	17.10	276	508274	63.61	ng	95

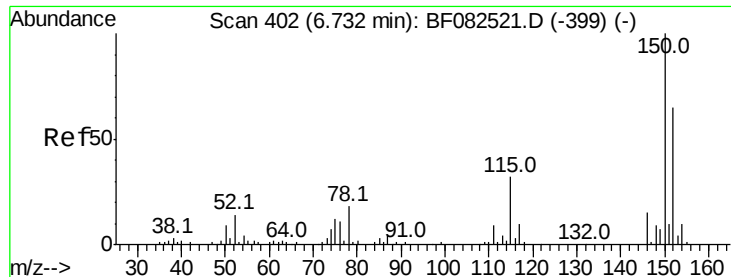
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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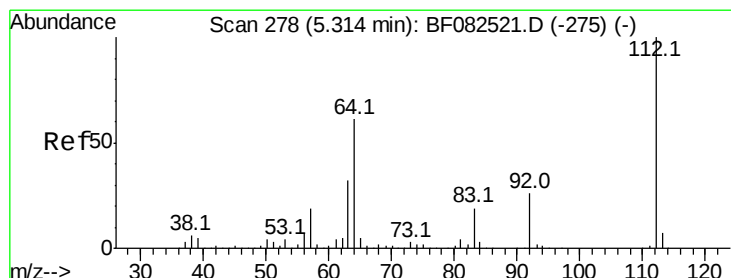
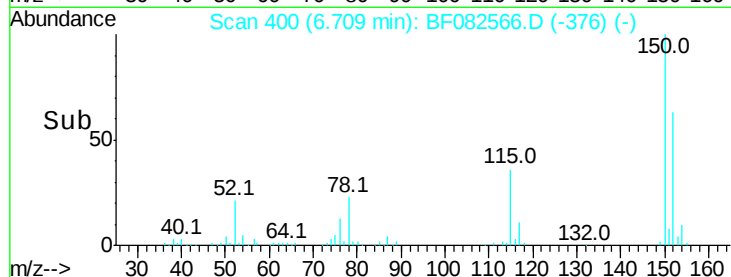
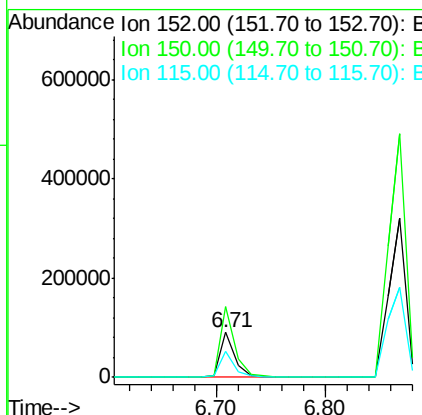
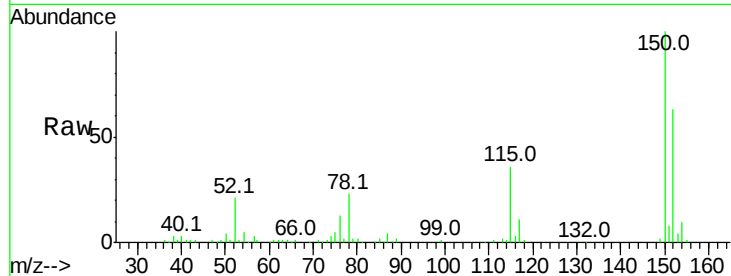


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

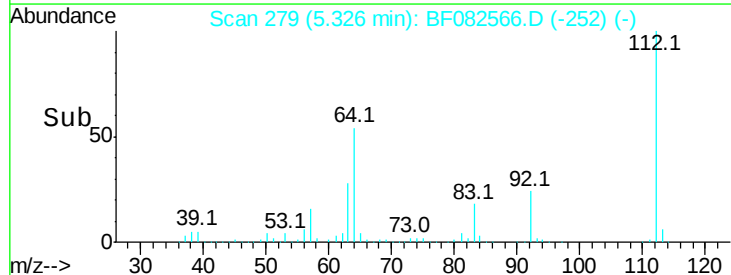
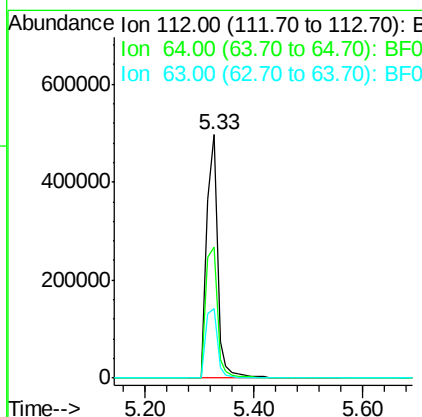
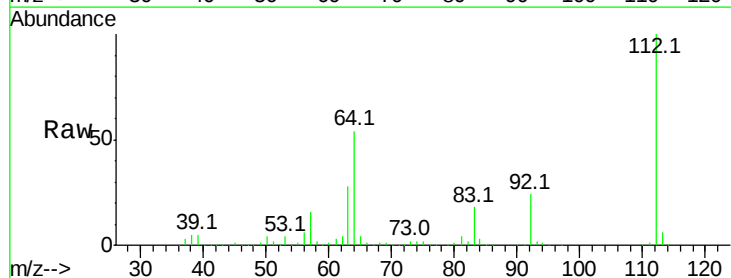
Tot Ion:152 Resp: 86205
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.4 185.0
 115 57.2 39.0 58.4

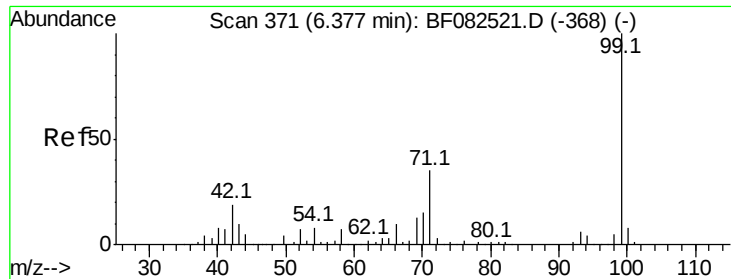


#5

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





#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

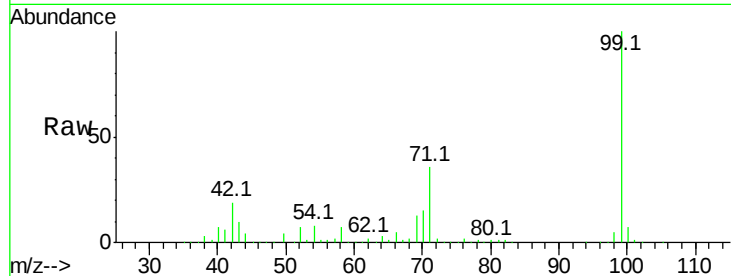
Tot Ion: 99 Resp: 813500

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

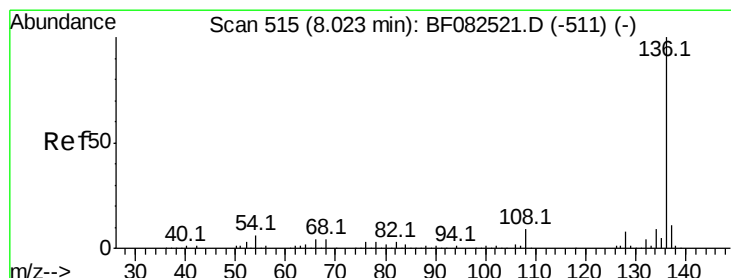
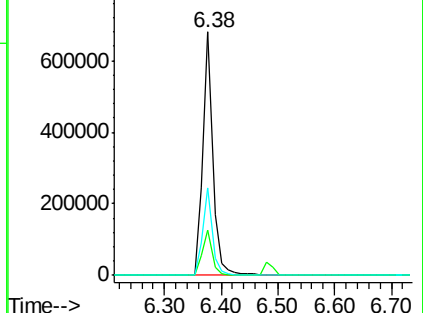
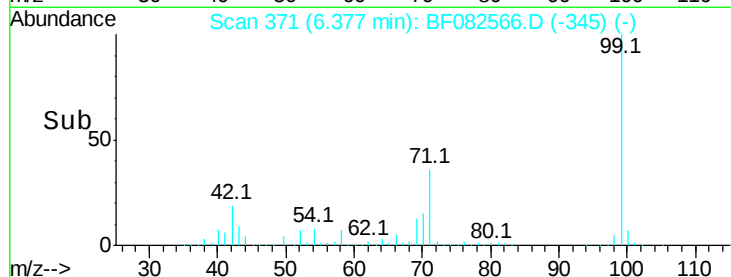
71 35.7 28.2 42.2



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



#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

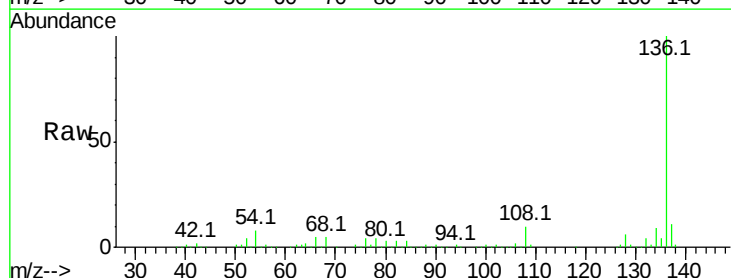
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.3 4.6 7.0#

68 5.3 3.2 4.8#

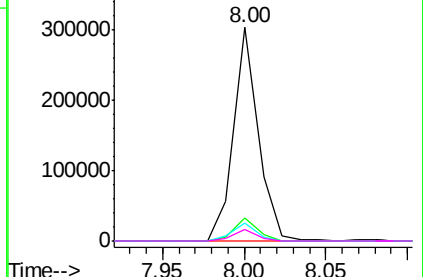
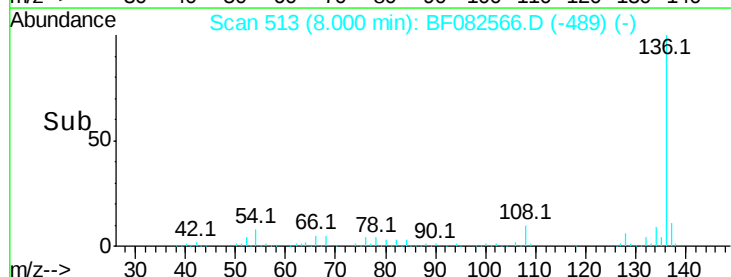


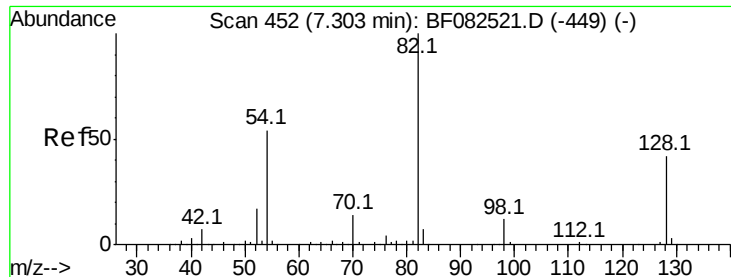
Abundance Ion 136.00 (135.70 to 136.70): E

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

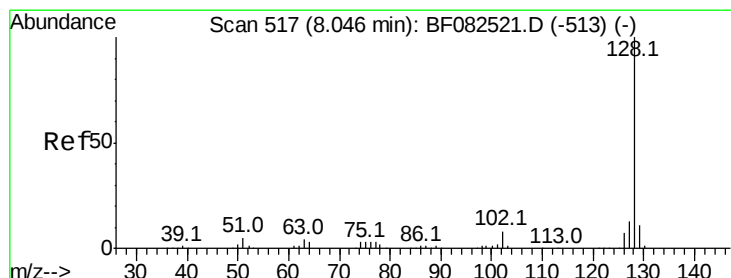
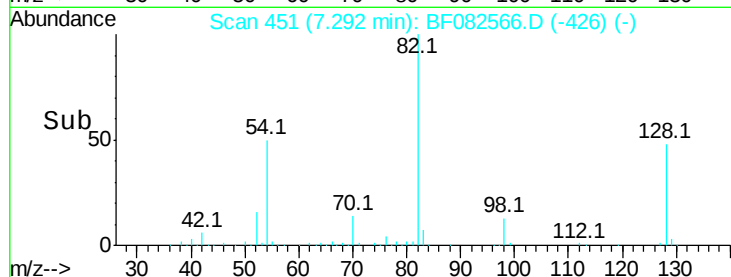
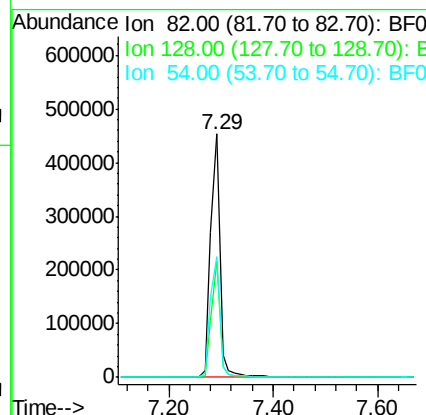
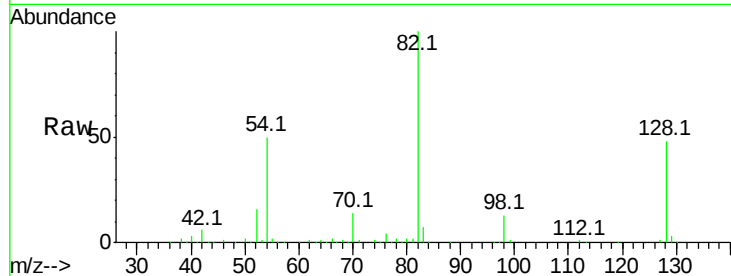




#23
 Nitrobenzene-d5
 Concen: 116.10 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

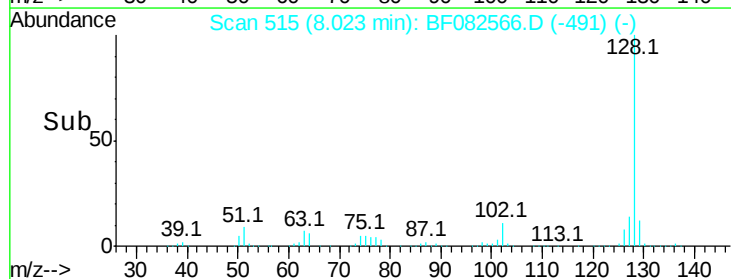
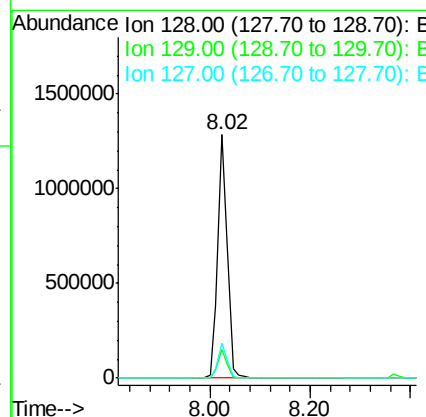
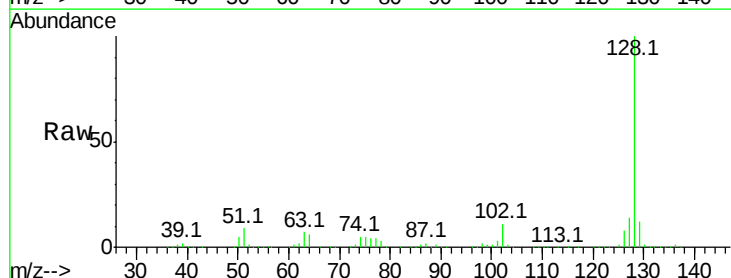
Instrument :
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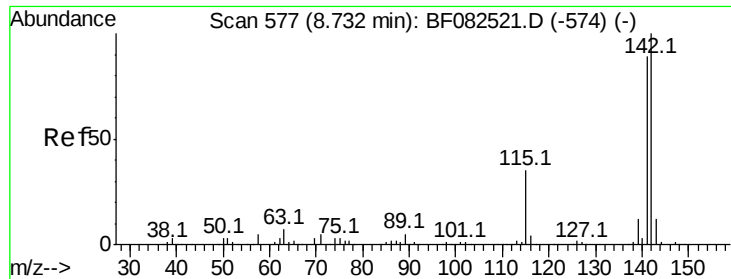
Tot Ion: 82 Resp: 569694
 Ion Ratio Lower Upper
 82 100
 128 47.6 33.4 50.0
 54 49.6 43.5 65.3



#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

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

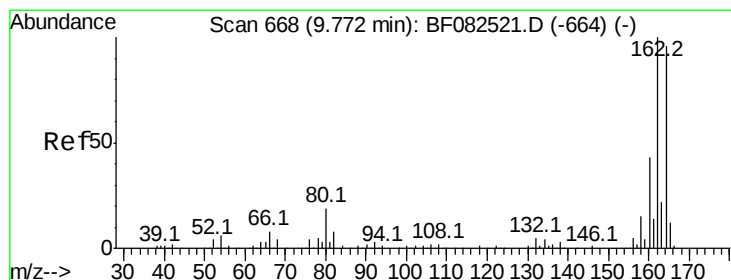
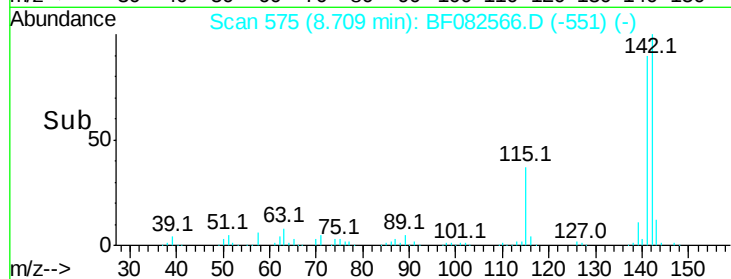
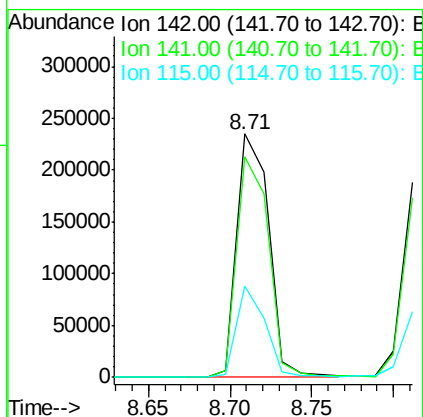
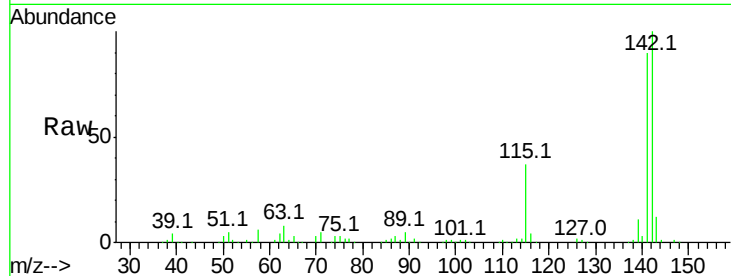




#37
2-Methylnaphthalene
Concen: 32.51 ng
RT: 8.71 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

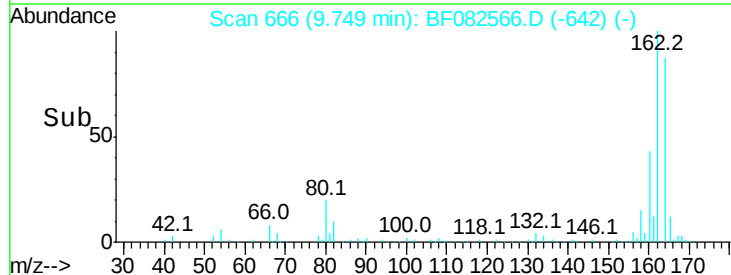
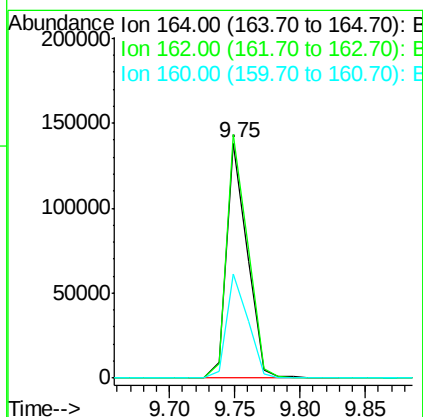
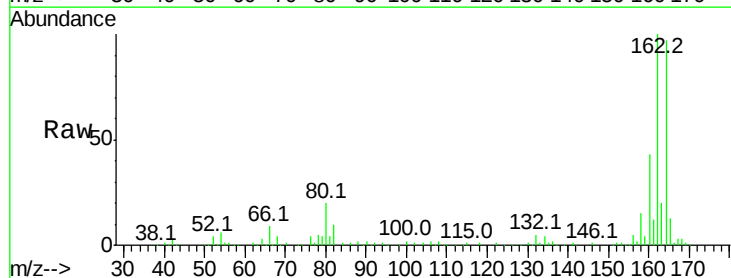
Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

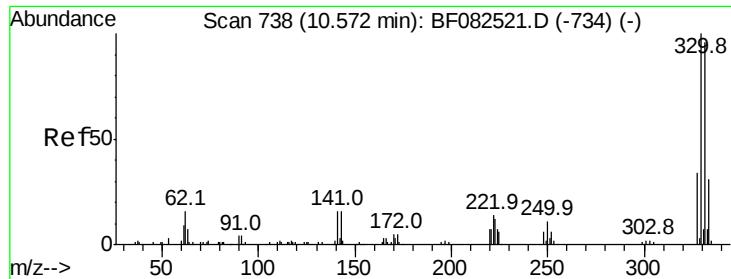
Tot Ion:142 Resp: 317765
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 37.3 28.0 42.0



#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

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

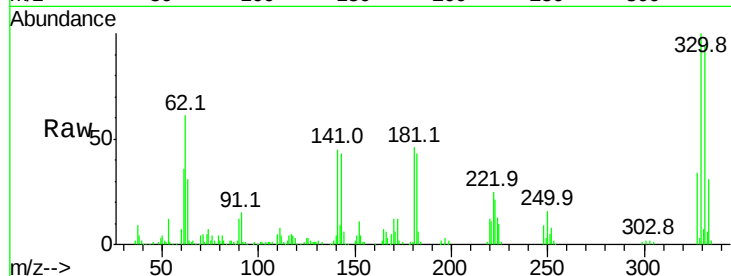




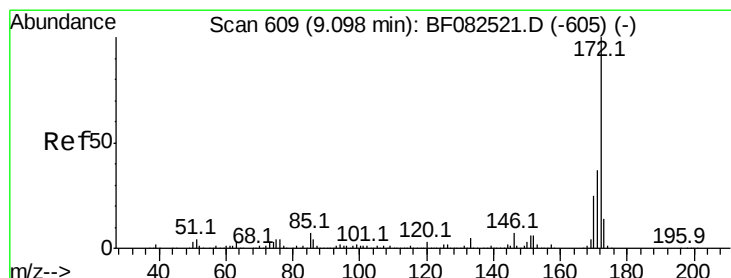
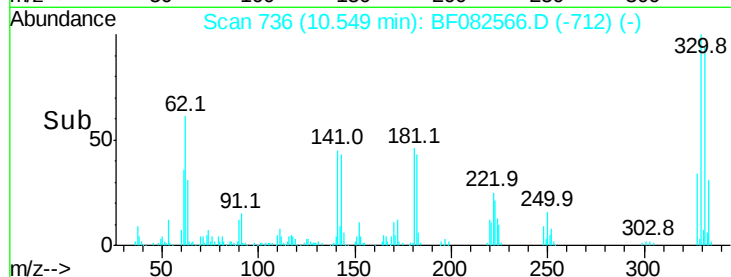
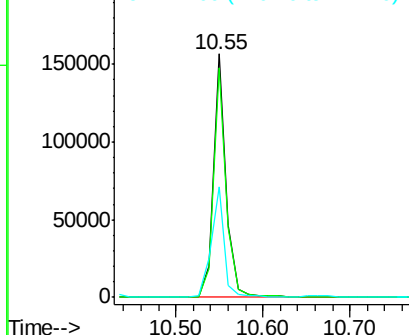
#41
 2,4,6-Tribromophenol
 Concen: 140.28 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	45.8	32.5	48.7

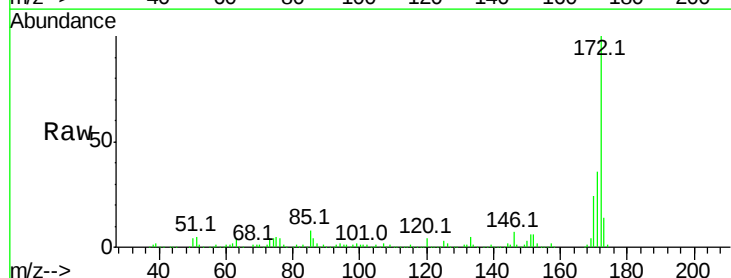


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

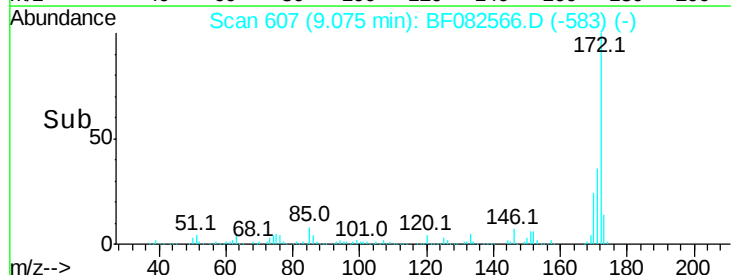
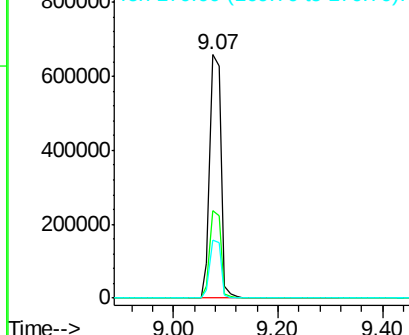


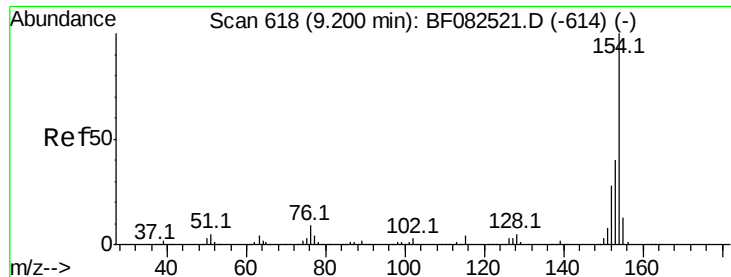
#44
 2-Fluorobiphenyl
 Concen: 102.93 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Tgt 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

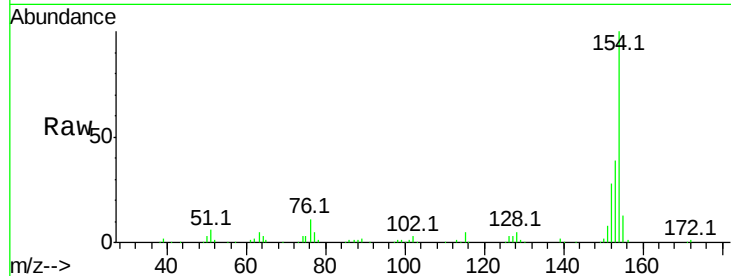




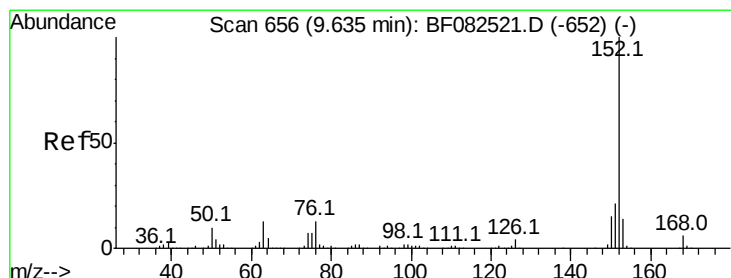
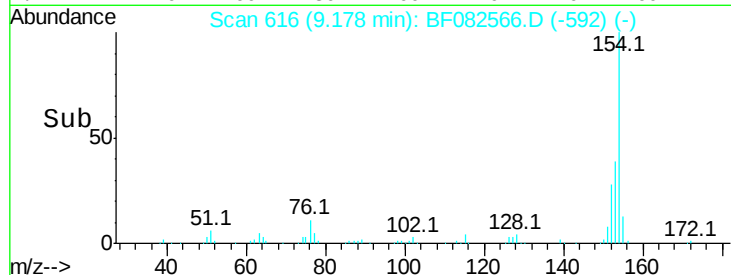
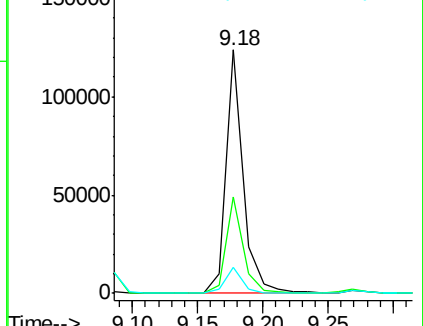
#45
1,1'-Biphenyl
Concen: 10.05 ng
RT: 9.18 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:154 Resp: 114620
Ion Ratio Lower Upper
154 100
153 39.4 20.4 60.4
76 10.6 0.0 29.2

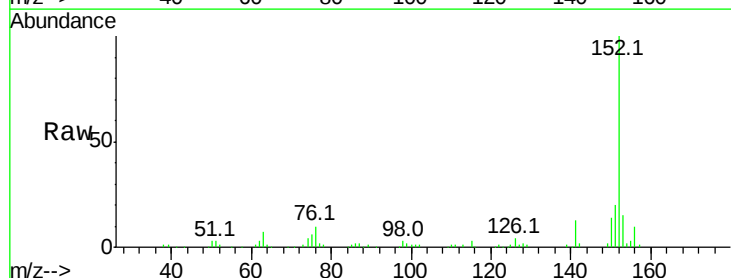


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

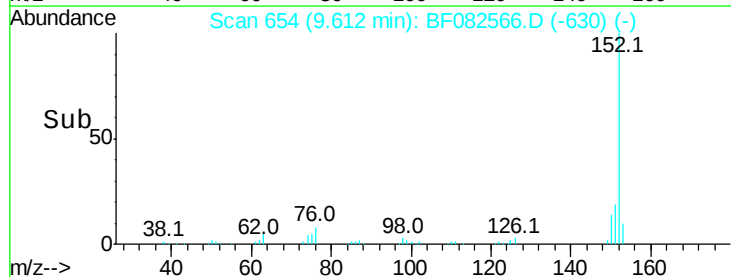
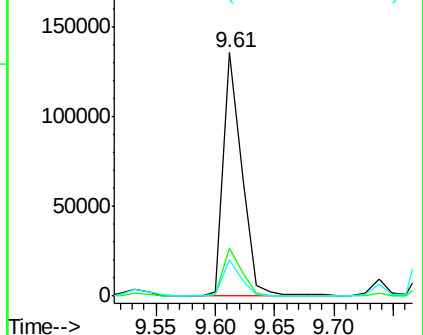


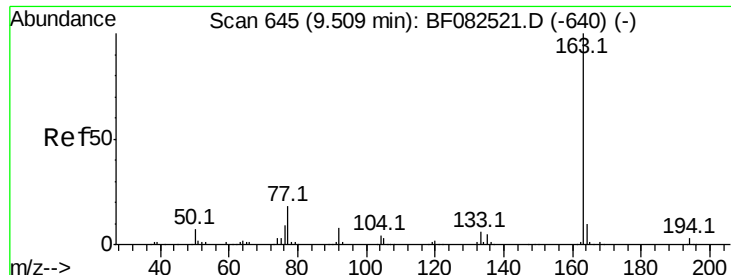
#48
Acenaphthylene
Concen: 10.17 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

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

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

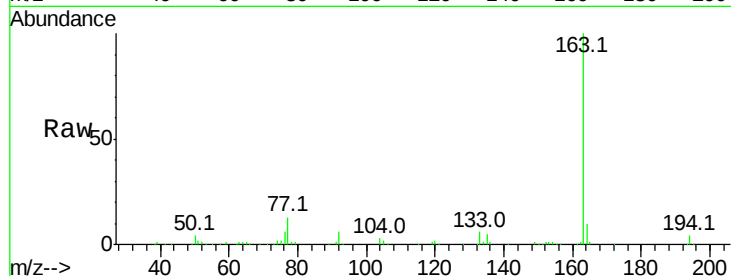
Tot Ion:163 Resp: 269461

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

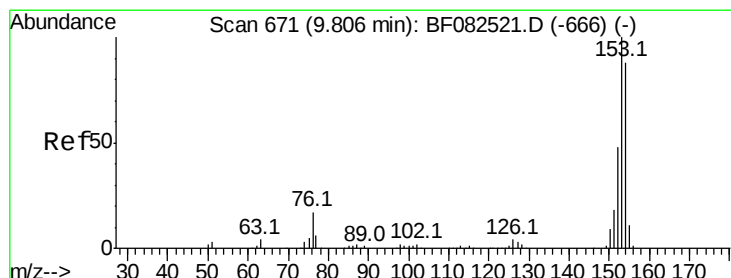
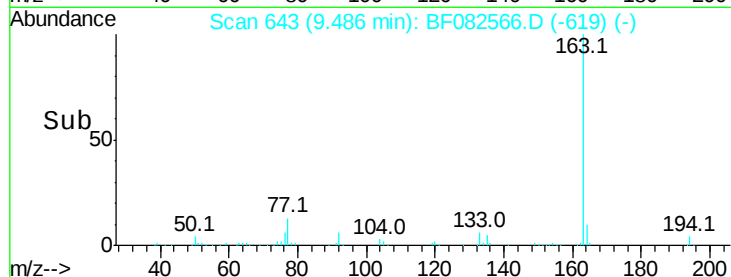
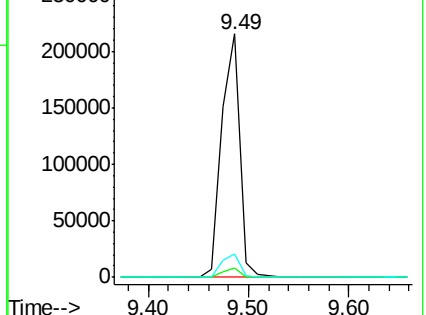
164 9.5 8.2 12.4



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

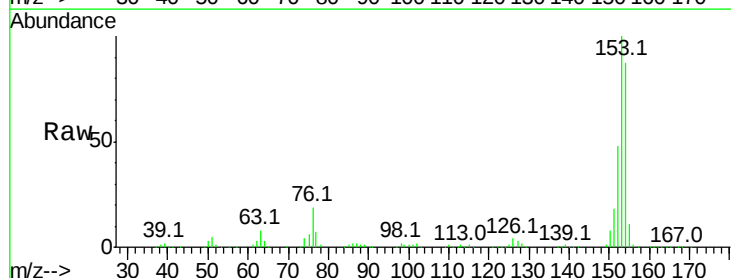
Tgt Ion:154 Resp: 347122

Ion Ratio Lower Upper

154 100

153 115.0 90.7 136.1

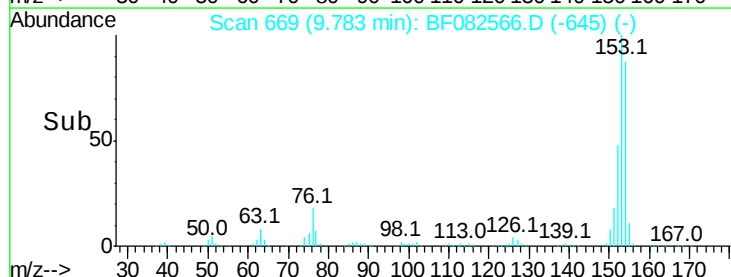
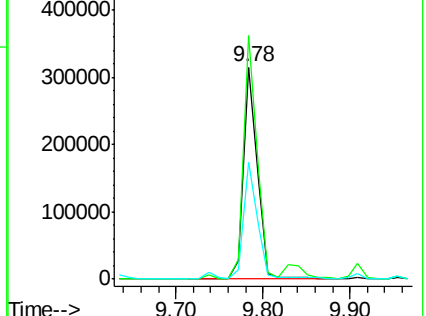
152 55.3 44.0 66.0

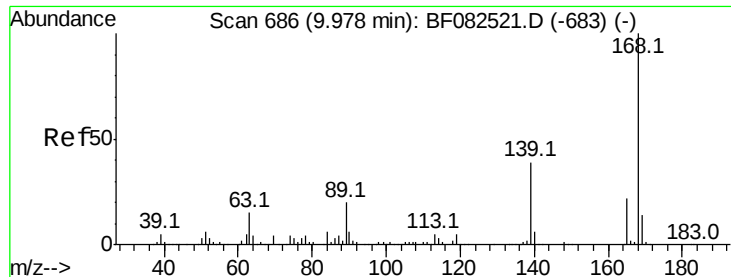


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

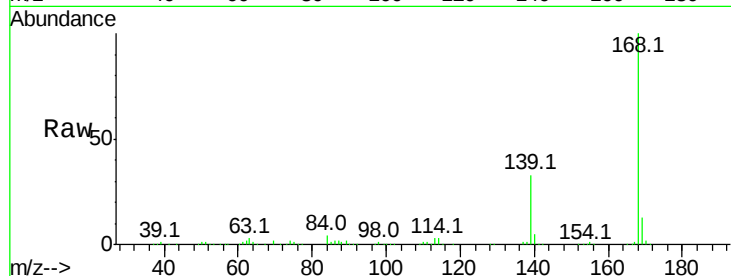




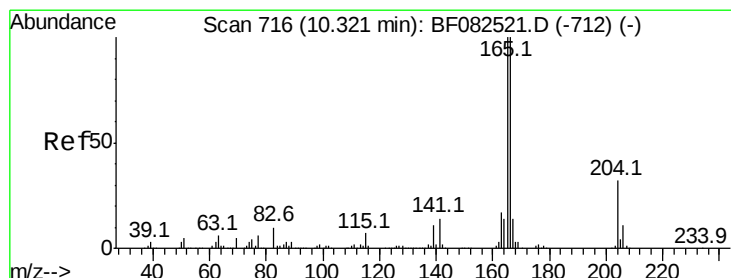
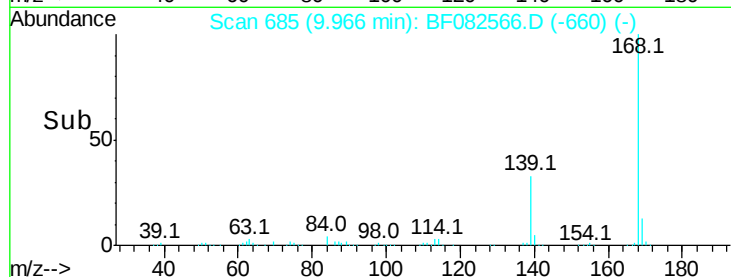
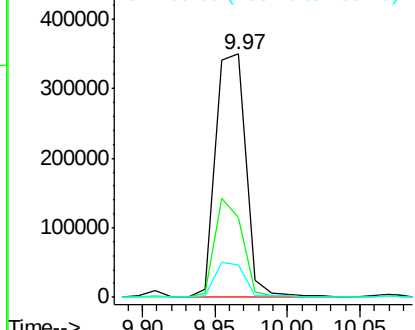
#54
Dibenzenofuran
Concen: 42.16 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

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

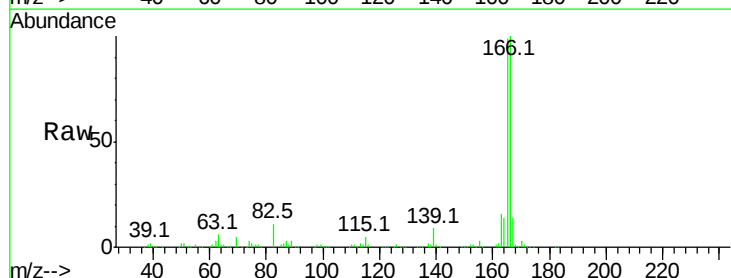


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

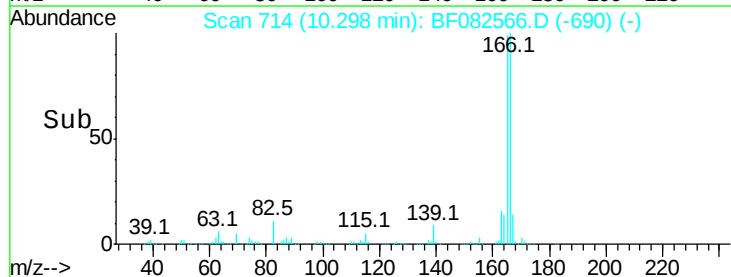
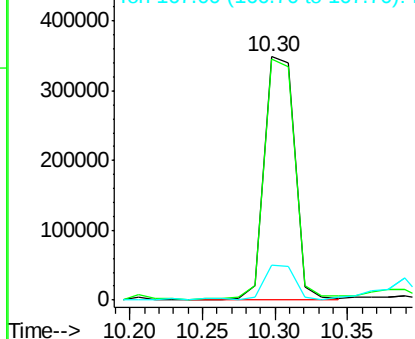


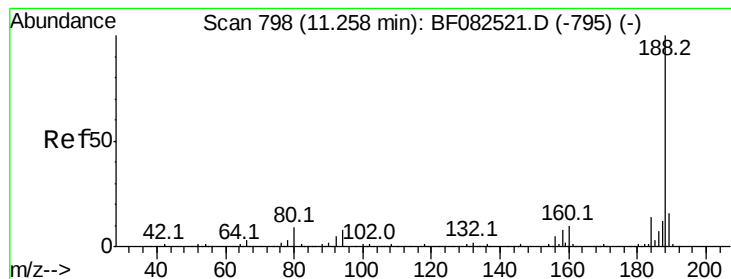
#57
Fluorene
Concen: 51.27 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

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





#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

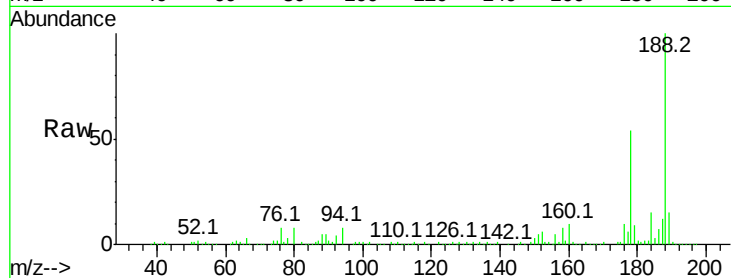
Tot Ion:188 Resp: 266570

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

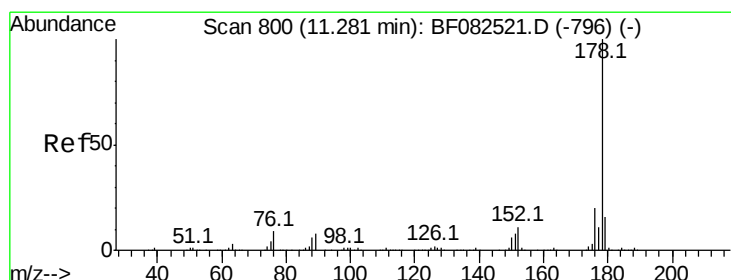
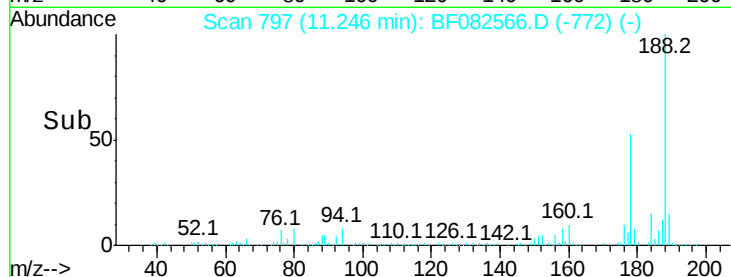
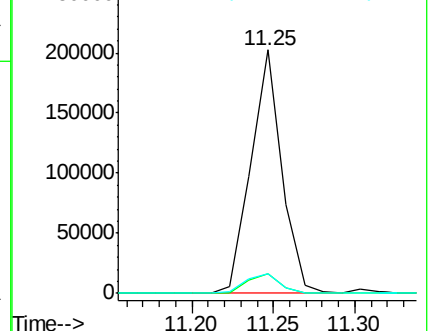
80 8.2 7.0 10.6



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



#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

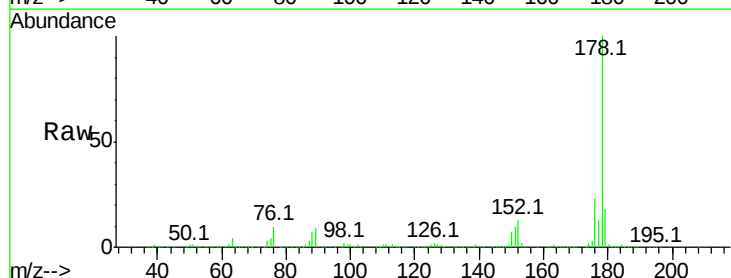
Tgt Ion:178 Resp: 3065065

Ion Ratio Lower Upper

178 100

176 22.7 15.9 23.9

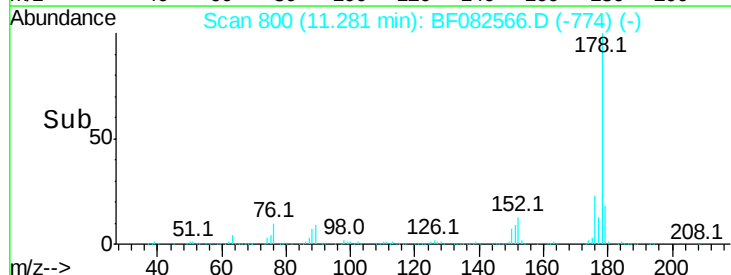
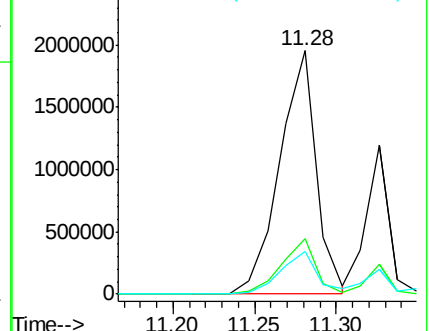
179 17.7 12.8 19.2

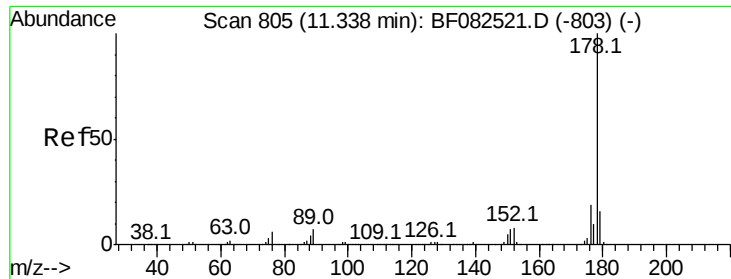


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

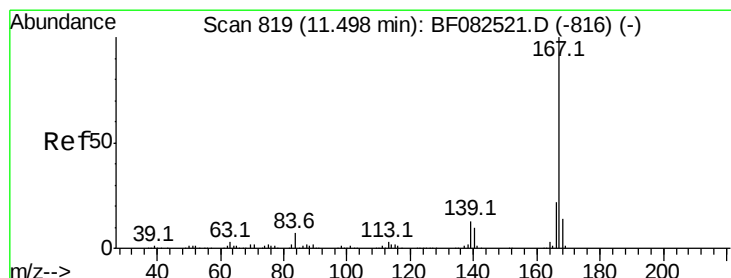
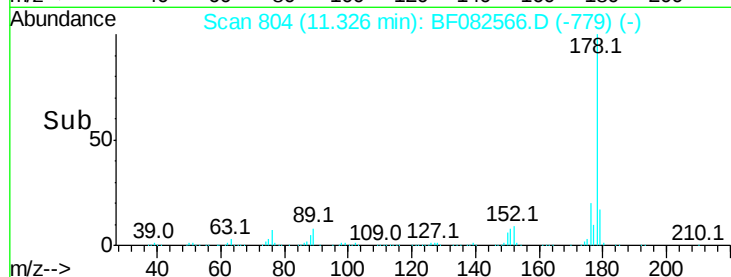
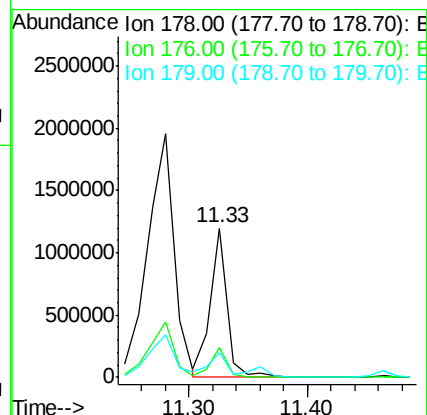
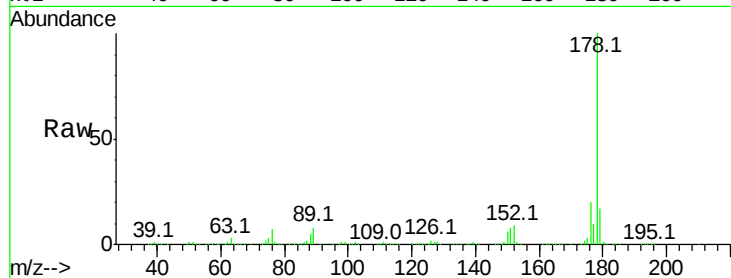




#71
 Anthracene
 Concen: 86.02 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

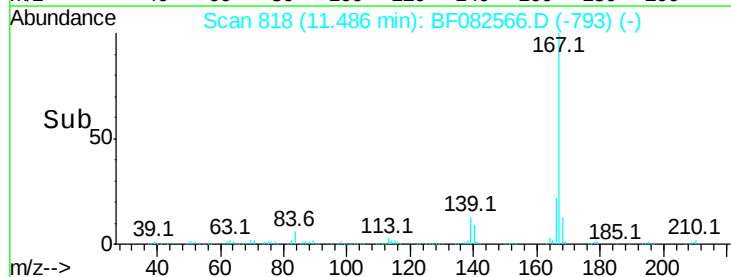
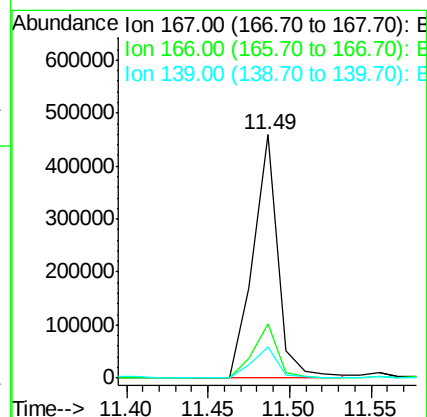
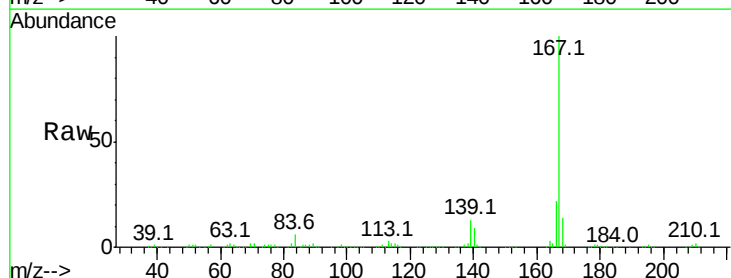
Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

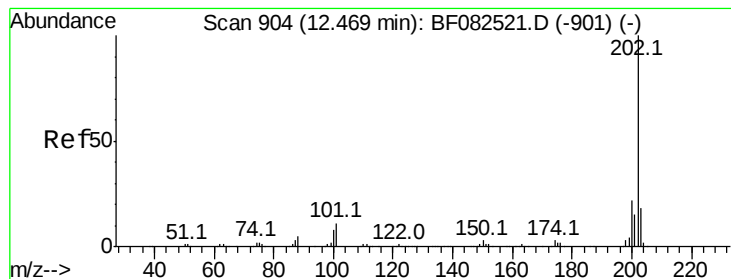
Tot Ion:178 Resp: 1188460
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.2 22.8
 179 16.6 12.6 19.0



#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

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

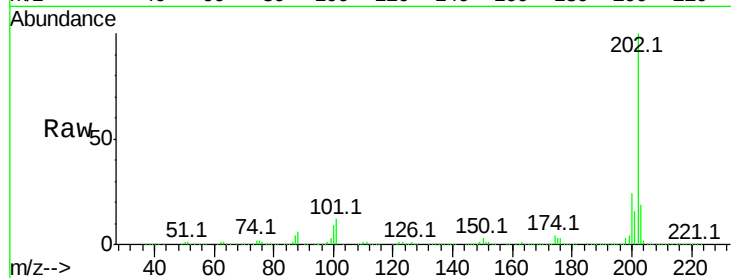




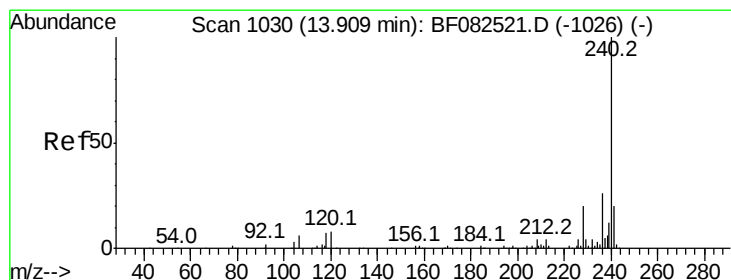
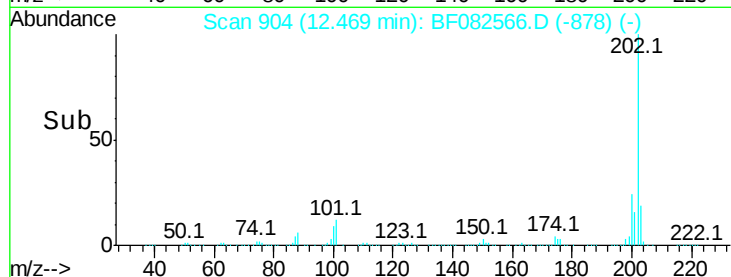
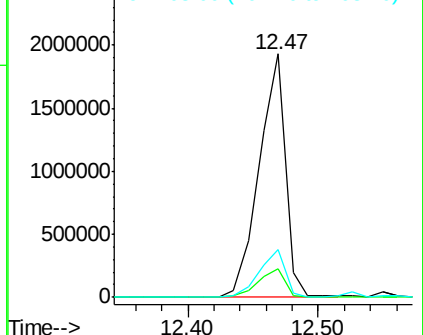
#74
 Fluoranthene
 Concen: 193.57 ng
 RT: 12.47 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Tot Ion:202 Resp: 2725903
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.2
 203 19.4 0.0 38.1

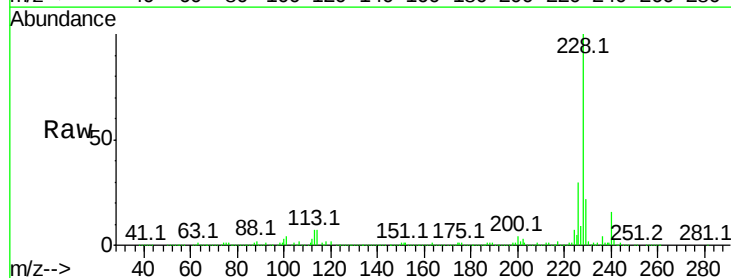


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

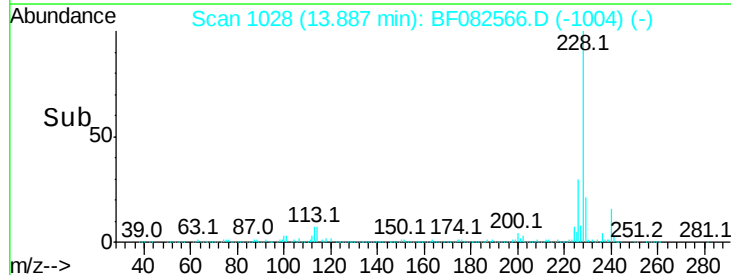
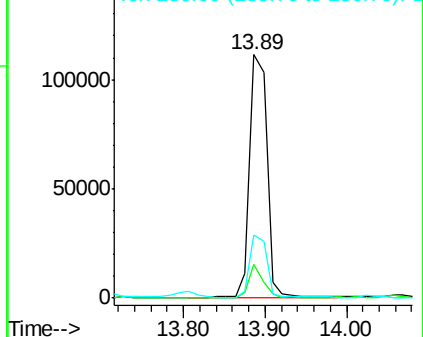


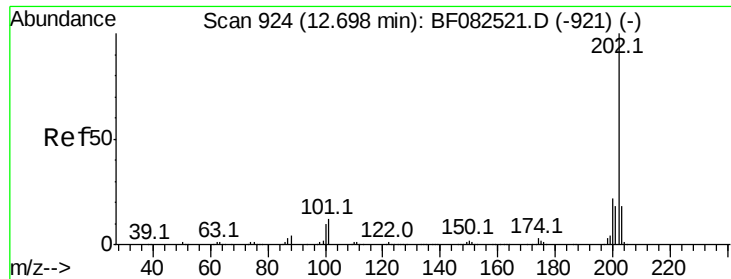
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF082566.D
 Acq: 28 Oct 2015 00:50

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





#77

Pvrene

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

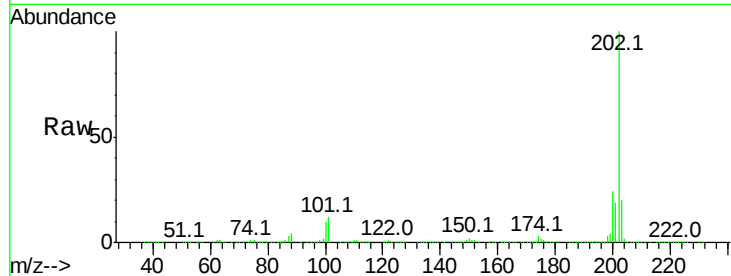
Tot Ion:202 Resp: 2266916

Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.6	26.4
203	19.8	14.6	22.0

202 100

200 23.6 17.6 26.4

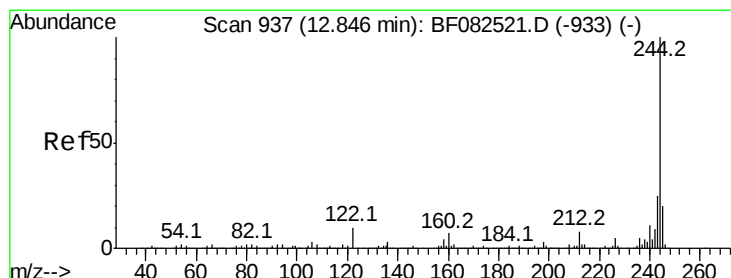
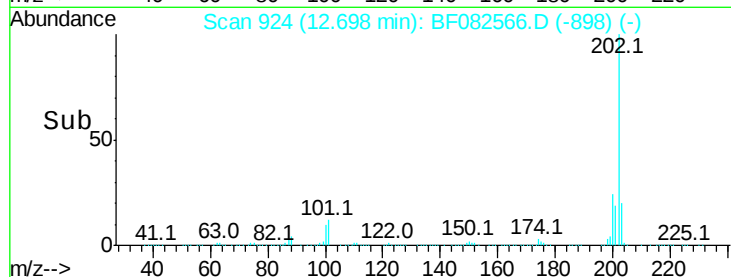
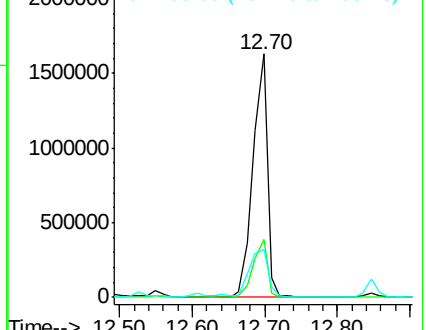
203 19.8 14.6 22.0



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

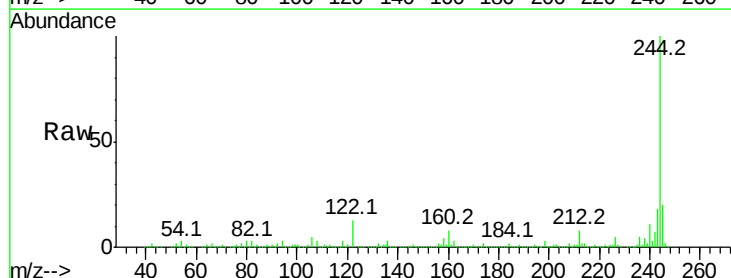
Tgt Ion:244 Resp: 739655

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	13.0	8.1	12.1#

244 100

212 8.1 6.4 9.6

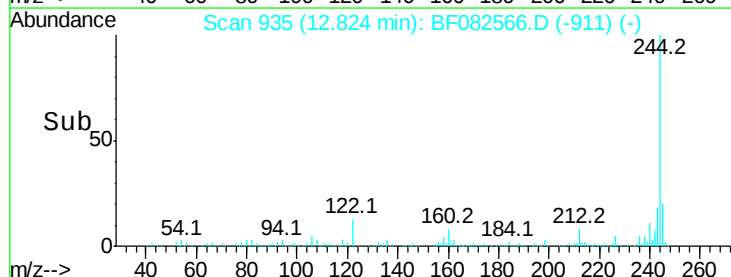
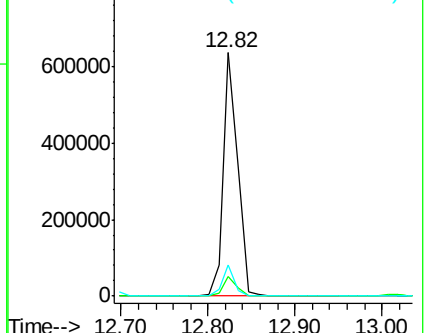
122 13.0 8.1 12.1#

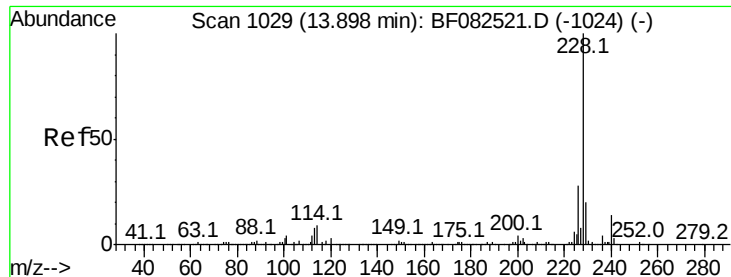


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

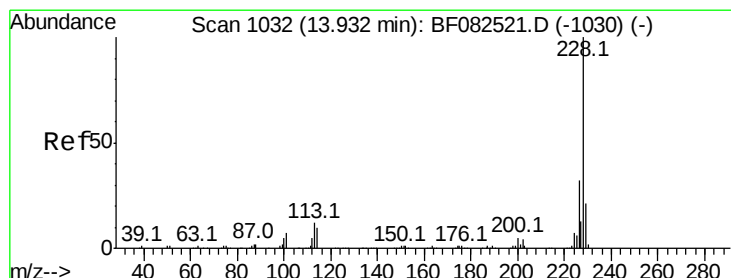
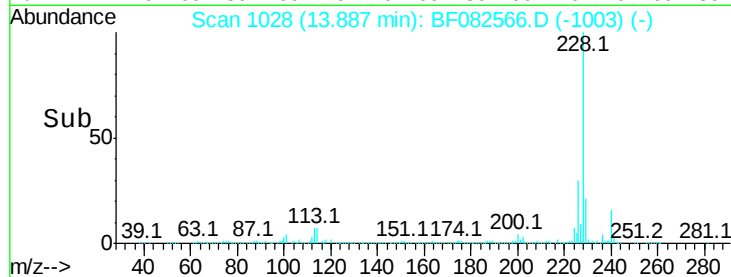
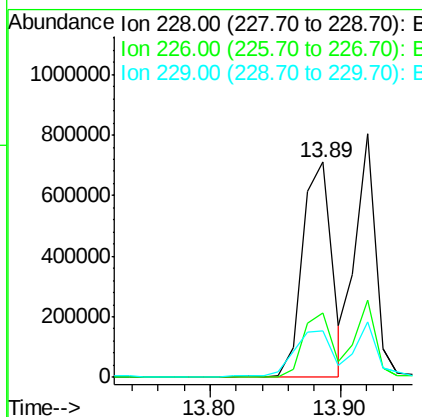
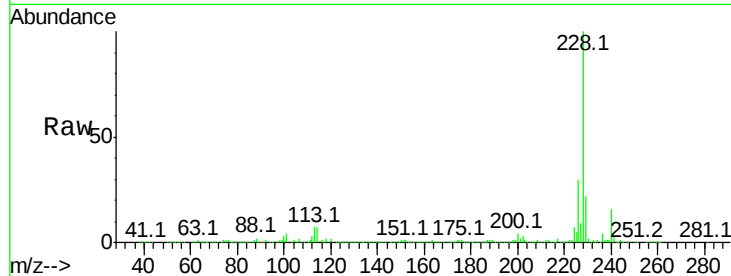




#80
Benzo(a)anthracene
Concen: 122.25 ng
RT: 13.89 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

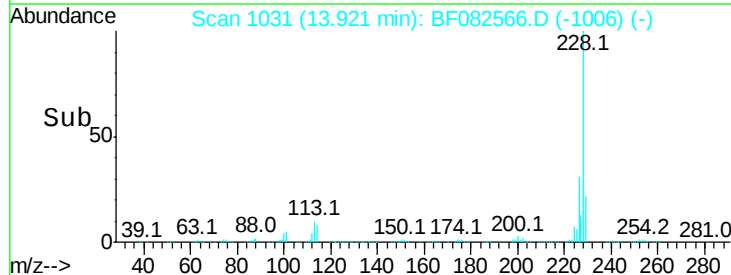
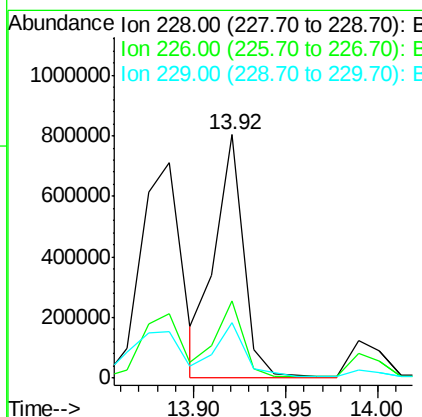
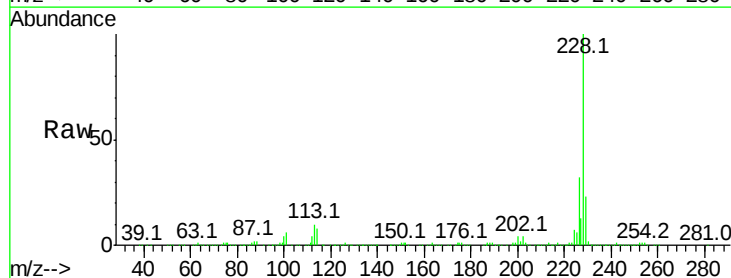
Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

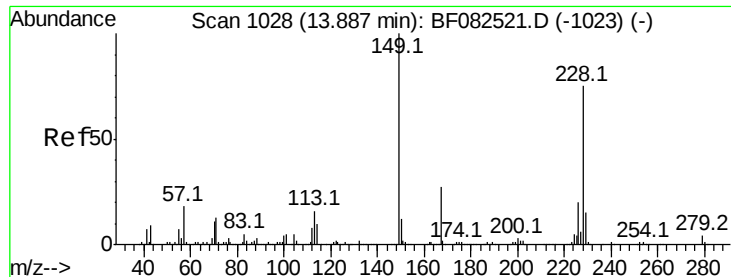
Tot Ion:228 Resp: 1093057
Ion Ratio Lower Upper
228 100
226 29.8 22.1 33.1
229 21.5 16.1 24.1



#82
Chrysene
Concen: 103.64 ng m
RT: 13.92 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF082566.D
Acq: 28 Oct 2015 00:50

Tgt Ion:228 Resp: 875375
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 22.9 16.3 24.5





#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

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

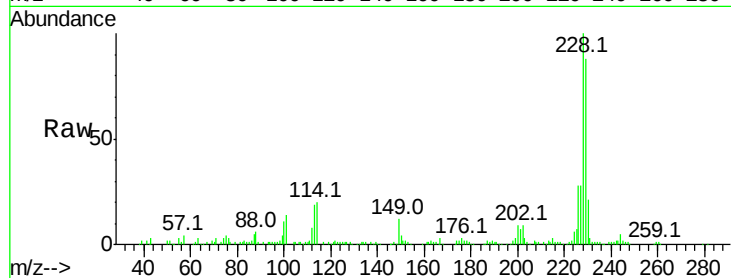
Tot Ion:149 Resp: 14810

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

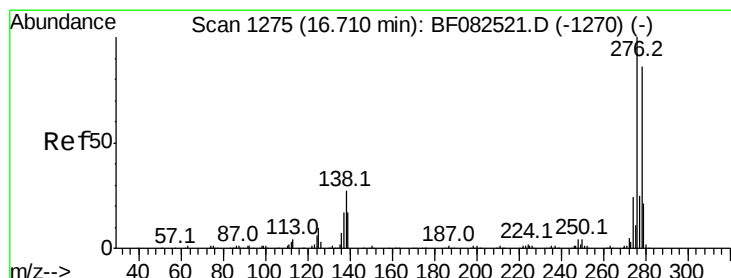
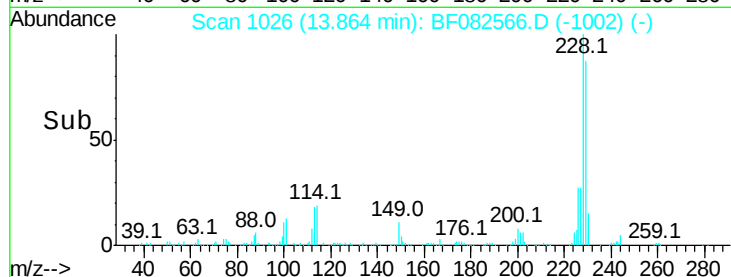
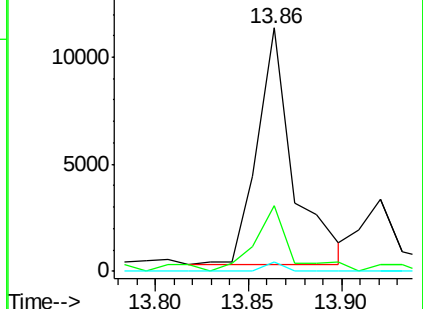
279 3.7 3.0 4.6



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

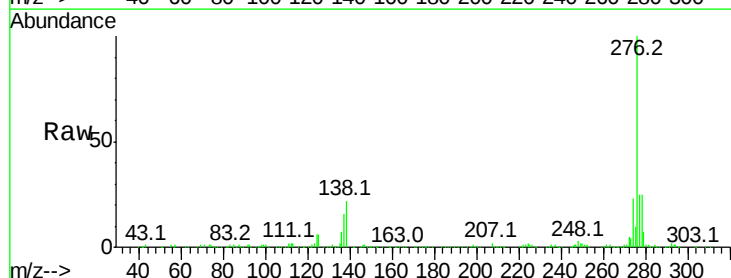
Tgt Ion:276 Resp: 563633

Ion Ratio Lower Upper

276 100

138 21.2 20.6 30.8

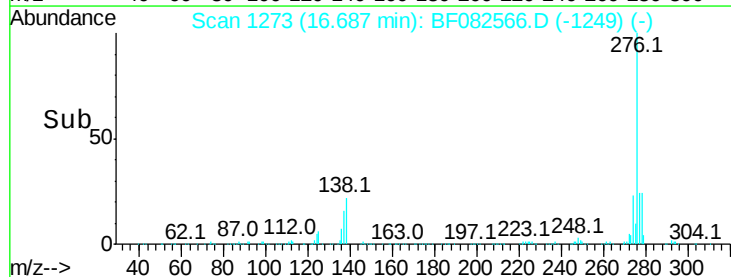
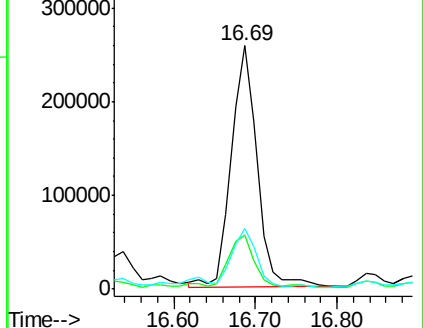
277 23.1 19.9 29.9

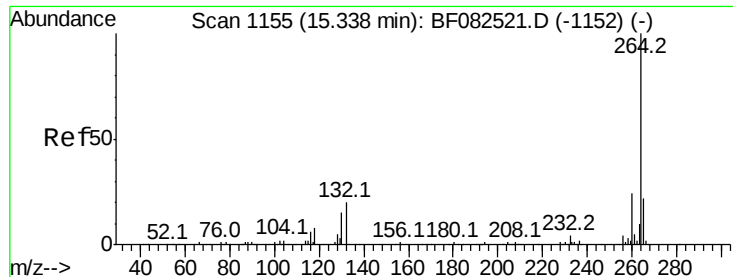


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-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

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

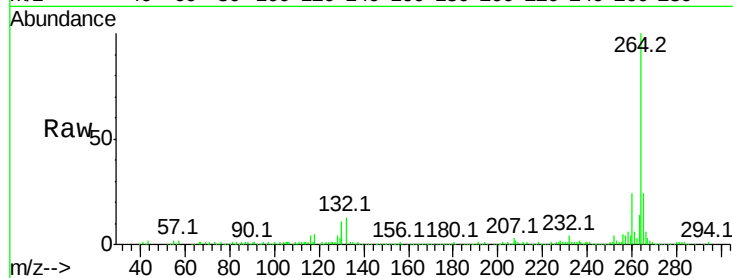
Tot Ion:264 Resp: 187614

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	23.6	17.8	26.6

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

15.33

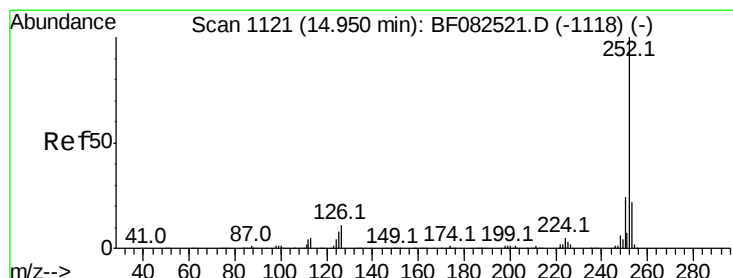
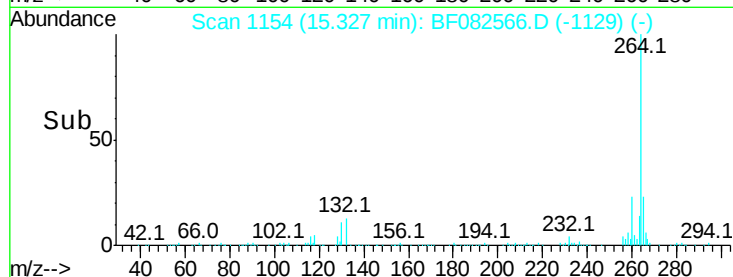
150000

100000

50000

0

Time-->



#87

Benzo(b)fluoranthene

Concen: 113.31 ng m

RT: 14.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

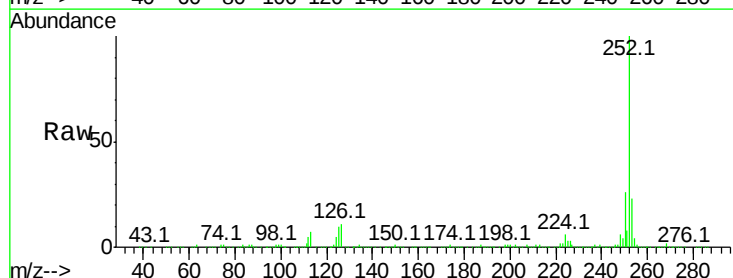
Tgt Ion:252 Resp: 1262501

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	10.2	6.6	10.0#

252 100

253 23.5 17.8 26.8

125 10.2 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

14.94

800000

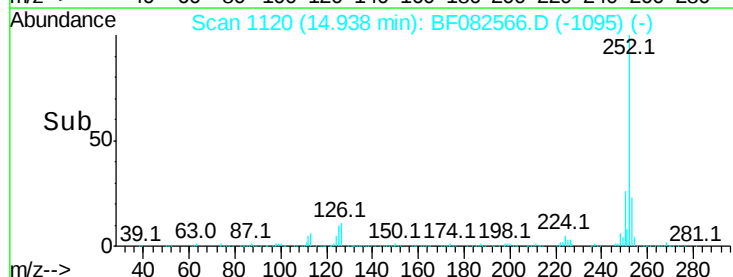
600000

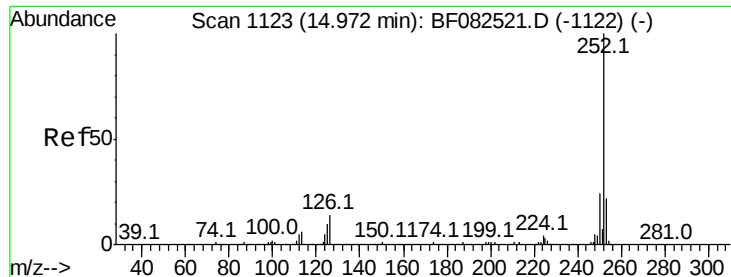
400000

200000

0

Time-->





#88

Benzo(k)fluoranthene

Concen: 28.06 ng m

RT: 14.95 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEP

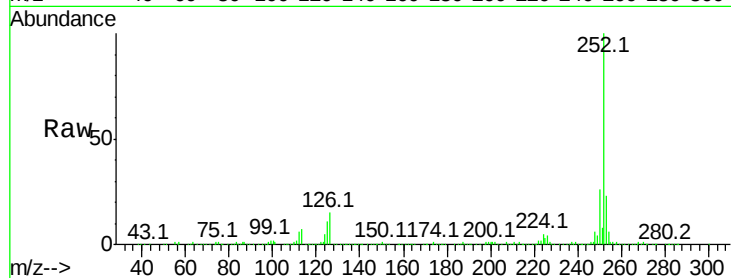
Tot Ion:252 Resp: 254860

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

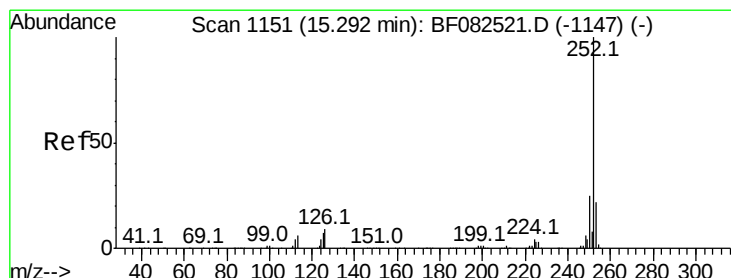
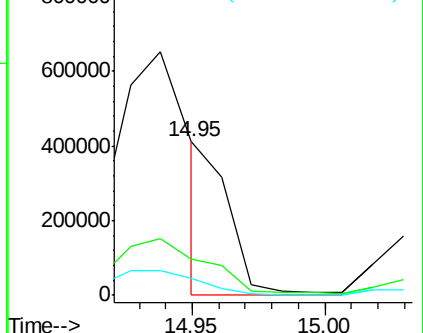
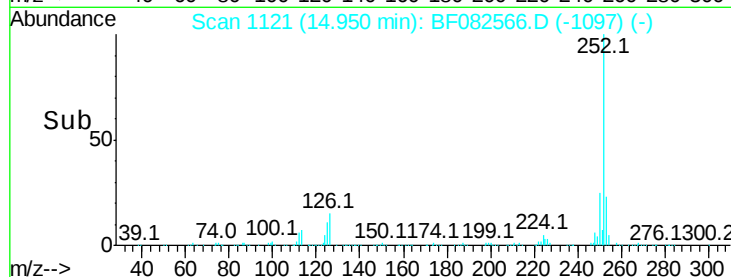
125 11.2 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

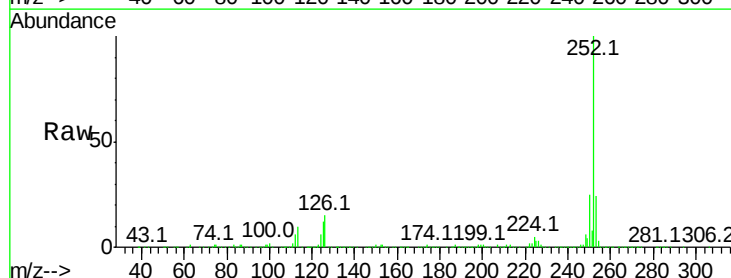
Tgt Ion:252 Resp: 847953

Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

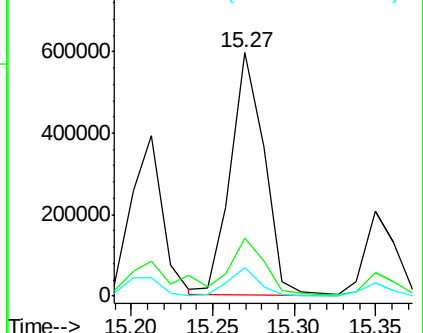
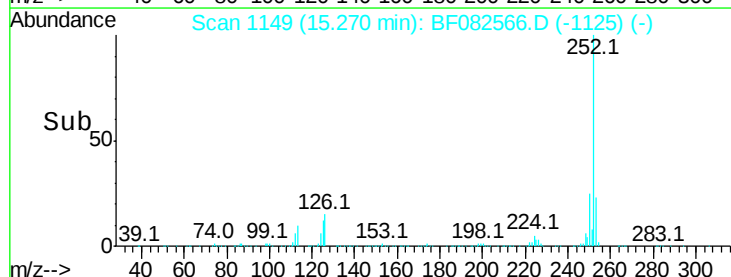
125 11.8 5.9 8.9#

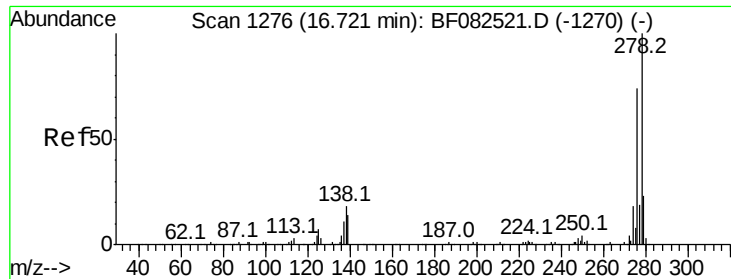


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.31 ng/mL

RT: 16.69 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

Instrument:

BNA_F

ClientSampleId:

S1-BOILERROOM2.5FTDEEP

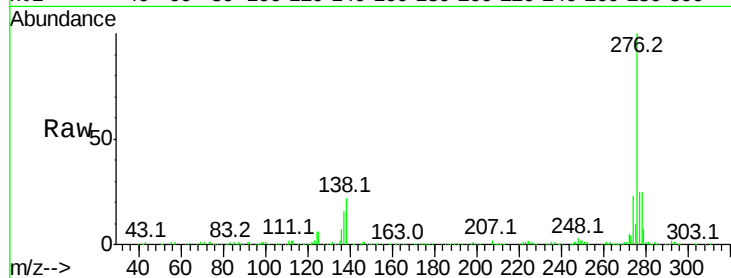
Tot Ion: 278 Resp: 139829

Ion Ratio Lower Upper

278 100

139 0.0 11.6 17.4#

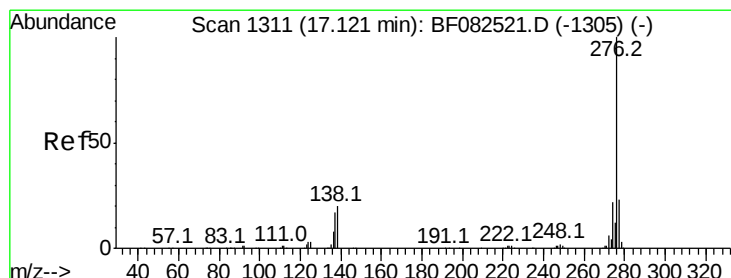
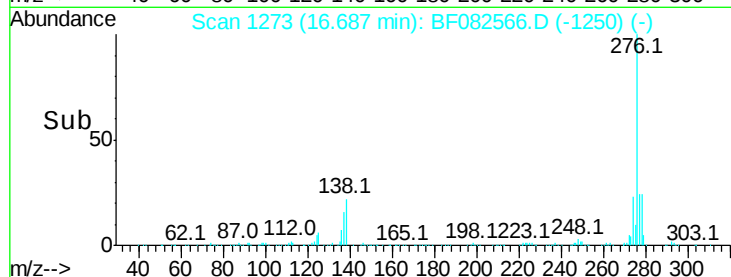
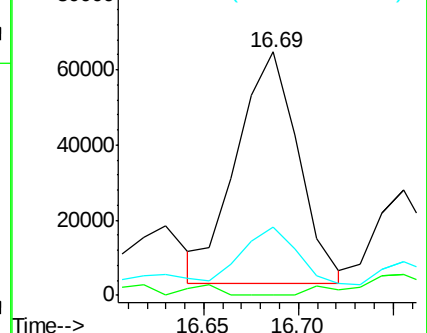
279 28.1 18.7 28.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 63.61 ng/mL

RT: 17.10 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF082566.D

Acq: 28 Oct 2015 00:50

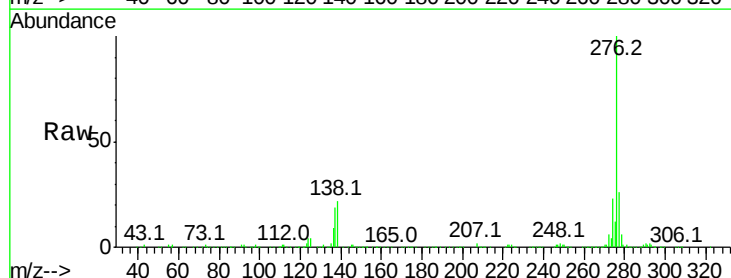
Tgt Ion: 276 Resp: 508274

Ion Ratio Lower Upper

276 100

277 25.6 18.3 27.5

138 22.2 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

