

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082571.D
 Acq On : 28 Oct 2015 3:37
 Operator : UM/IZ
 Sample : G4178-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 05:52:59 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	87039	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	320813	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	153936	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	270539	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	160430	20.00	ng	-0.03
86) Perylene-d12	15.30	264	175440	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	625952	141.97	ng	0.00
7) Phenol-d6	6.38	99	864653	150.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	547661	110.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	172750	149.86	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	947563	97.88	ng	-0.02
78) Terphenyl-d14	12.82	244	711688	127.80	ng	-0.02

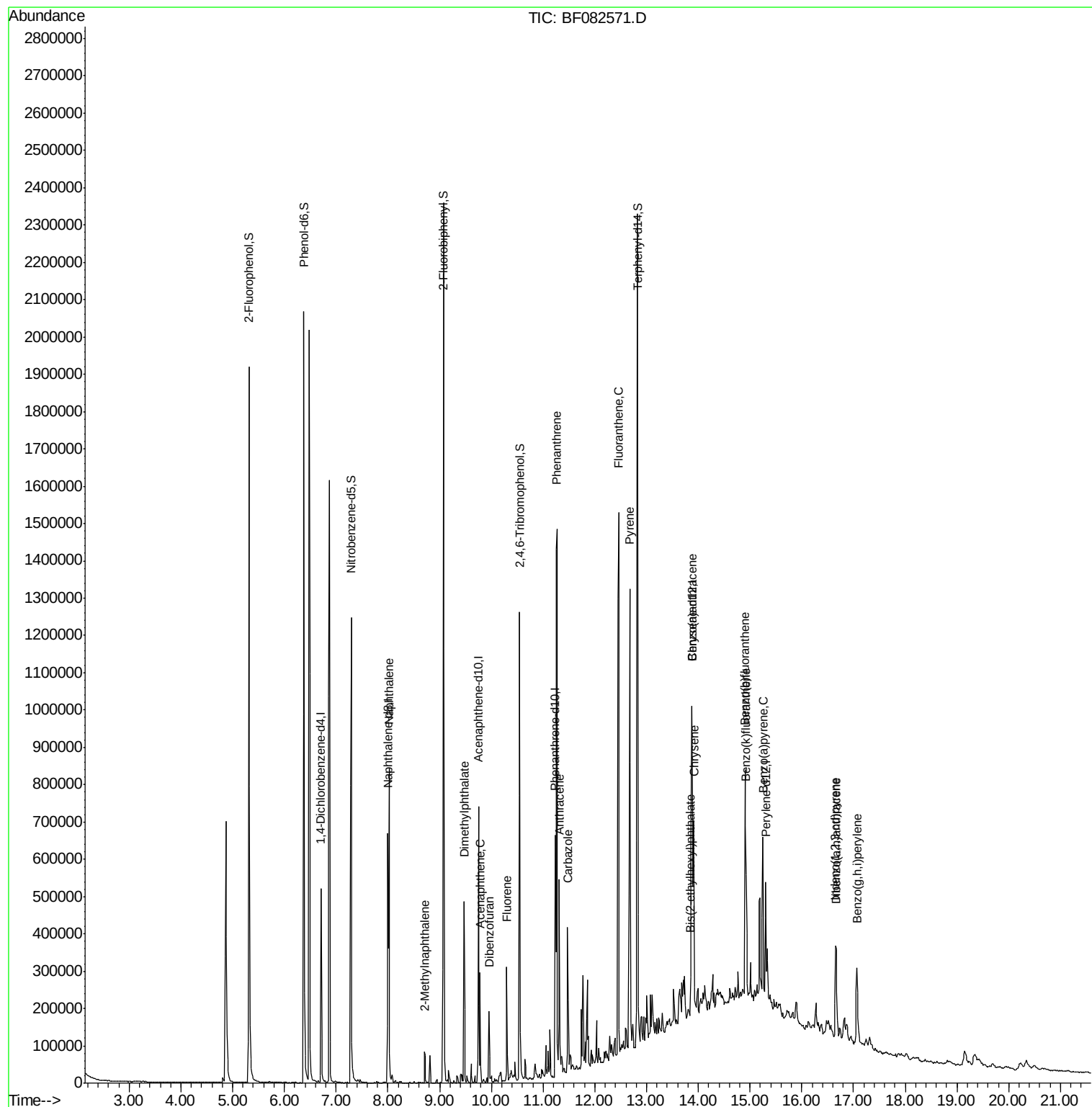
Target Compounds						Qvalue
31) Naphthalene	8.02	128	430159	29.34	ng	99
37) 2-Methylnaphthalene	8.72	142	38591	3.90	ng	96
49) Dimethylphthalate	9.47	163	232495	21.71	ng	99
51) Acenaphthene	9.78	154	65103	7.85	ng	98
54) Dibenzofuran	9.95	168	88886	7.34	ng	97
57) Fluorene	10.30	166	92701	9.33	ng	99
70) Phenanthrene	11.27	178	900588	64.68	ng	99
71) Anthracene	11.31	178	243241	17.35	ng	99
72) Carbazole	11.47	167	194918	15.76	ng	99
74) Fluoranthene	12.46	202	876395	61.32	ng	95
77) Pyrene	12.68	202	674351	68.34	ng	99
80) Benzo(a)anthracene	13.88	228	307706m	35.78	ng	
82) Chrysene	13.91	228	236324m	29.09	ng	
83) Bis(2-ethylhexyl)phthalate	13.85	149	12980	2.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	185409	24.84	ng	# 94
87) Benzo(b)fluoranthene	14.90	252	313079m	30.05	ng	
88) Benzo(k)fluoranthene	14.92	252	155724m	18.33	ng	
89) Benzo(a)pyrene	15.25	252	232120	25.72	ng	# 96
90) Dibenzo(a,h)anthracene	16.66	278	44543m	5.90	ng	
91) Benzo(a,h,i)perylene	17.06	276	171598	22.97	ng	97

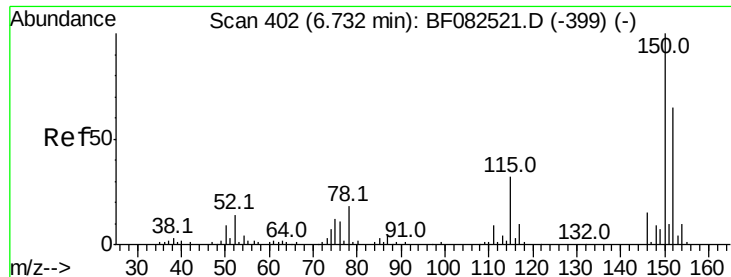
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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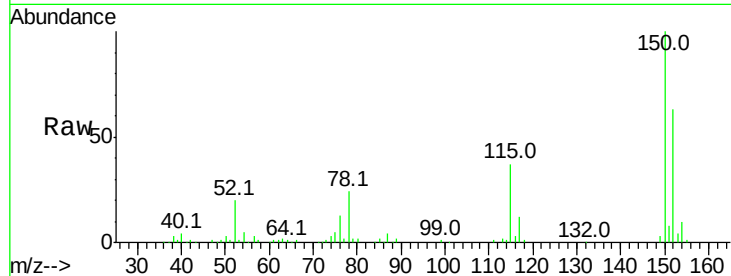


#1

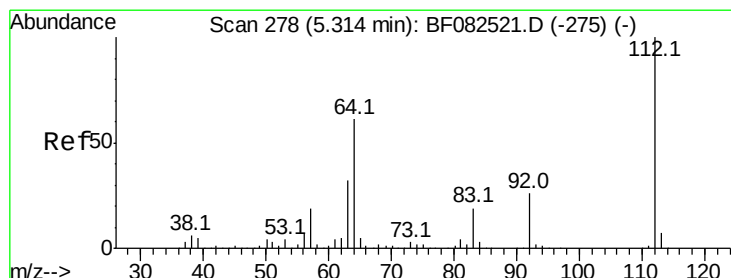
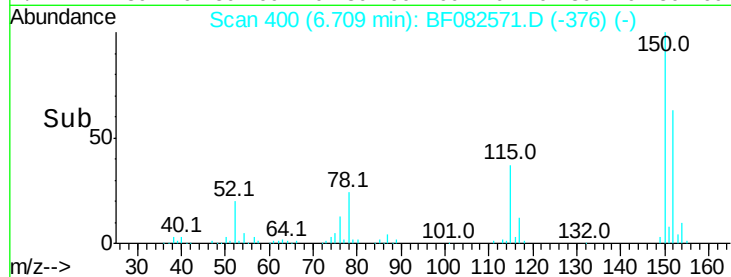
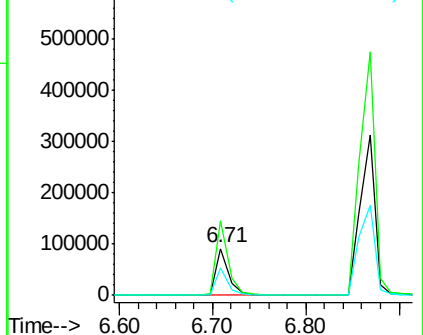
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tot Ion:152 Resp: 87039
Ion Ratio Lower Upper
152 100
150 158.1 123.4 185.0
115 58.3 39.0 58.4



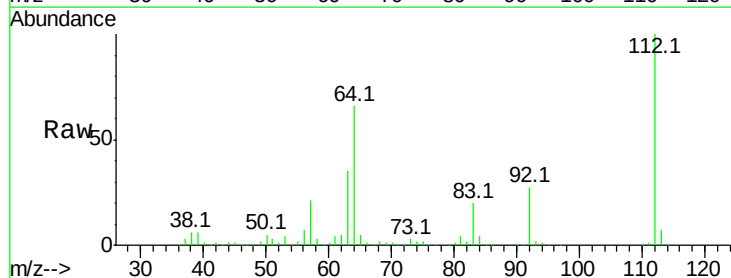
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



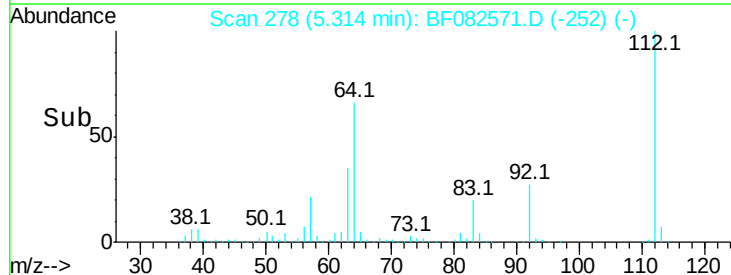
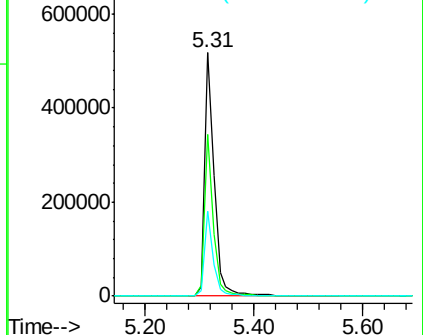
#5

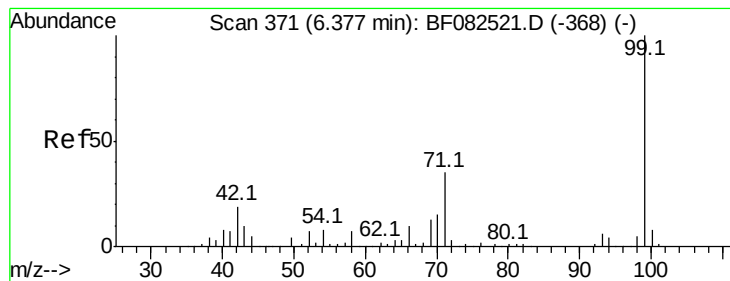
2-Fluorophenol
Concen: 141.97 ng
RT: 5.31 min Scan# 278
Delta R.T. 0.00 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Tgt Ion:112 Resp: 625952
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.4
63 34.8 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: 150.47 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

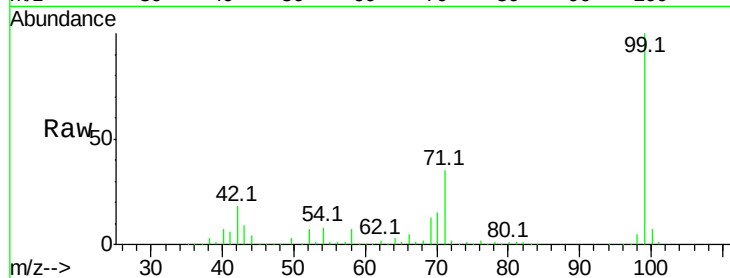
Tot Ion: 99 Resp: 864653

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

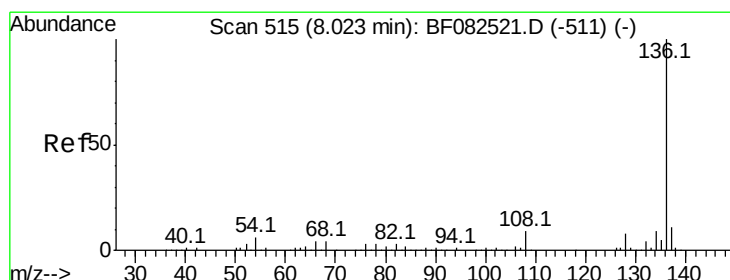
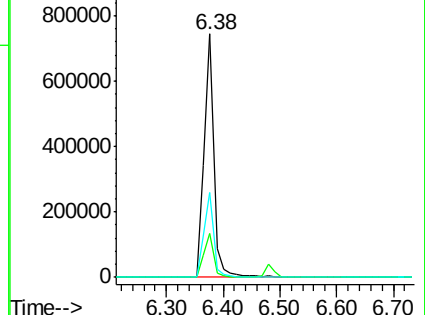
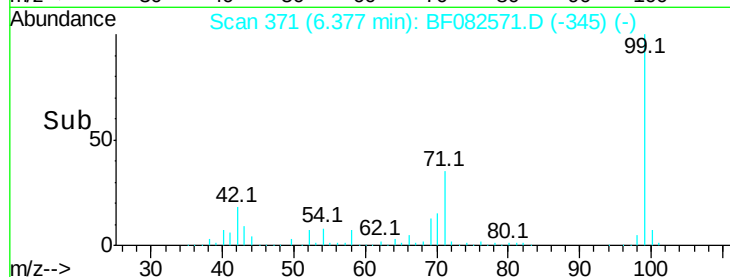
71 34.9 28.2 42.2



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: BF082571.D

Acq: 28 Oct 2015 3:37

Tgt Ion: 136 Resp: 320813

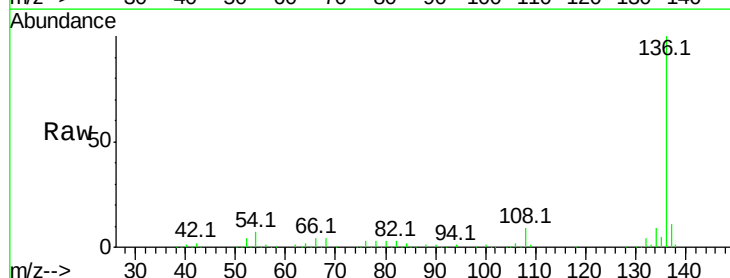
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.0 4.6 7.0#

68 4.3 3.2 4.8

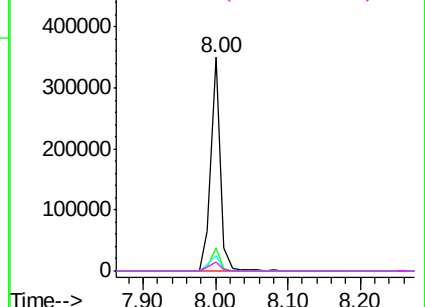
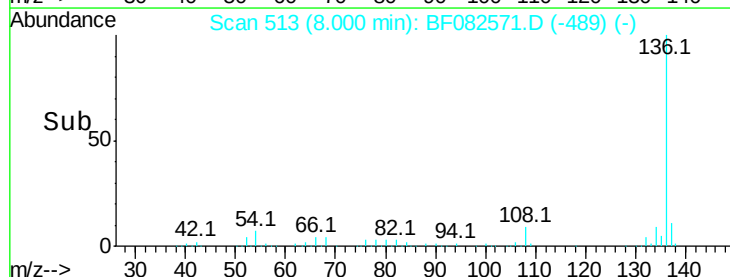


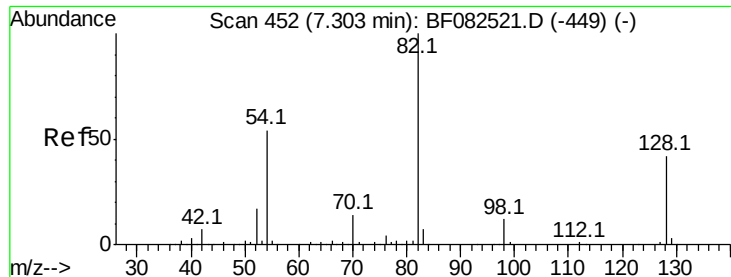
Abundance Ion 136.00 (135.70 to 136.70): E

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

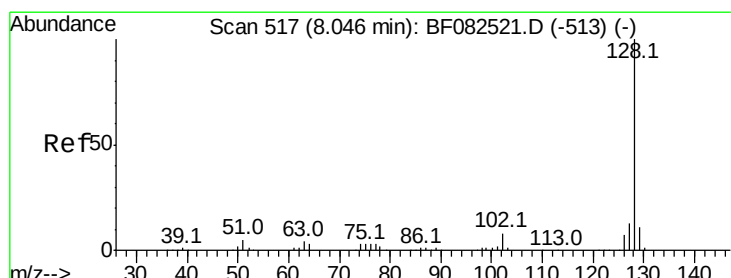
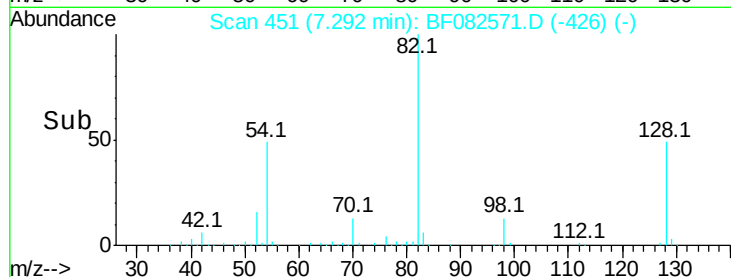
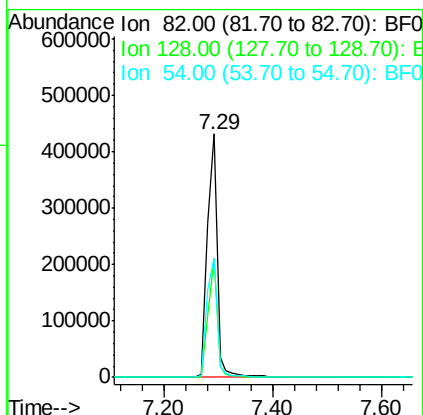
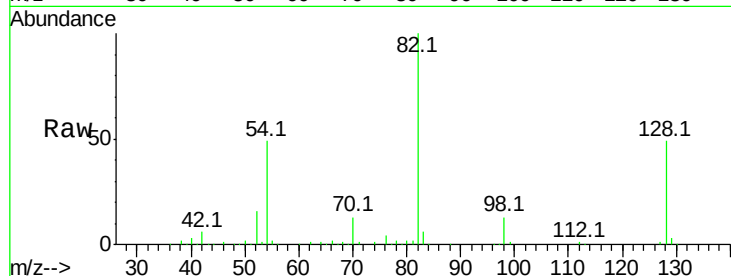




#23
 Nitrobenzene-d5
 Concen: 110.13 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082571.D
 Acq: 28 Oct 2015 3:37

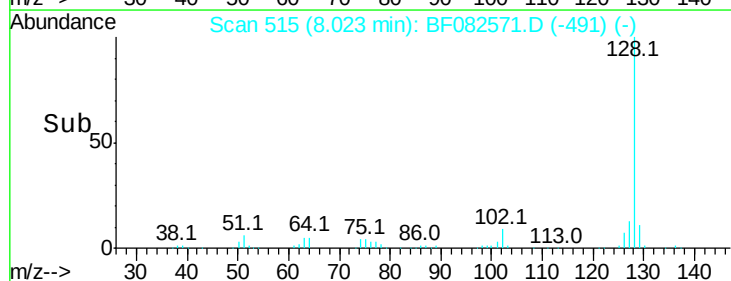
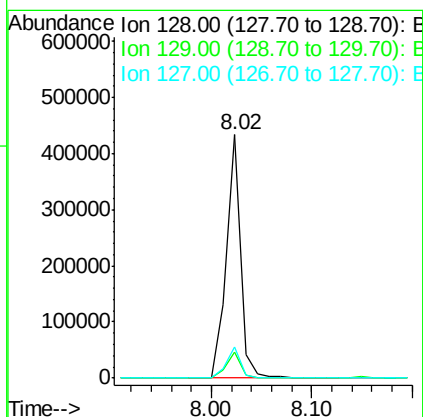
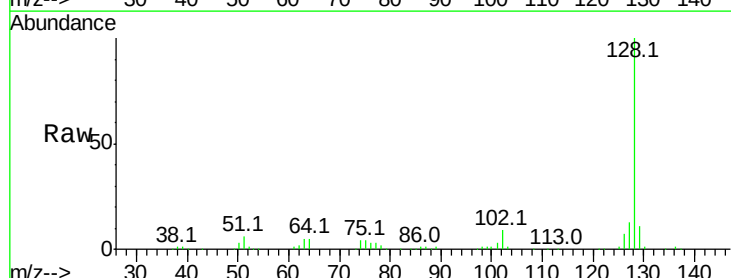
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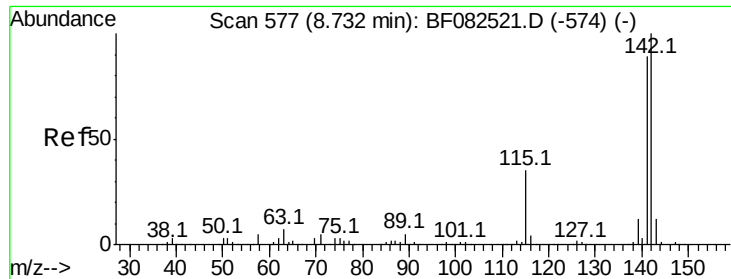
Tot Ion: 82 Resp: 547661
 Ion Ratio Lower Upper
 82 100
 128 48.7 33.4 50.0
 54 49.3 43.5 65.3



#31
 Naphthalene
 Concen: 29.34 ng
 RT: 8.02 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF082571.D
 Acq: 28 Oct 2015 3:37

Tgt Ion: 128 Resp: 430159
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 12.8
 127 13.0 10.7 16.1

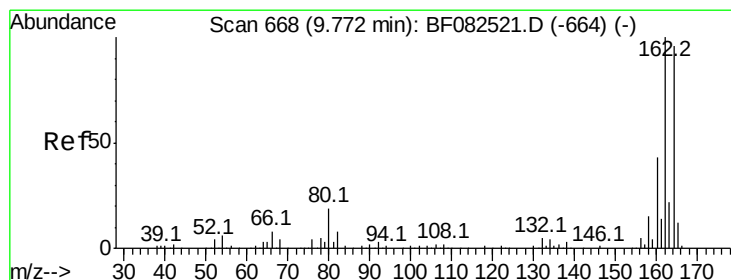
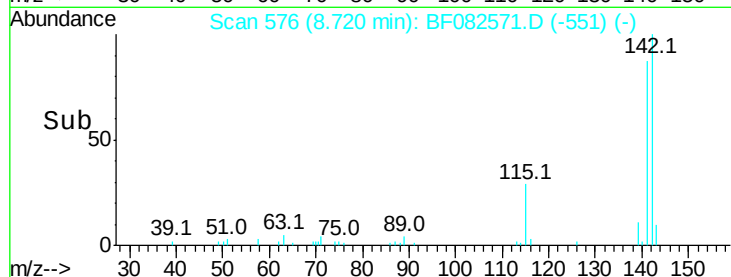
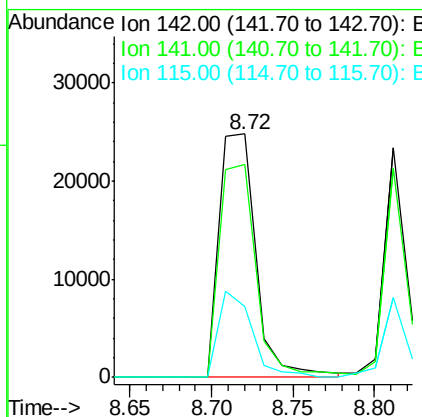
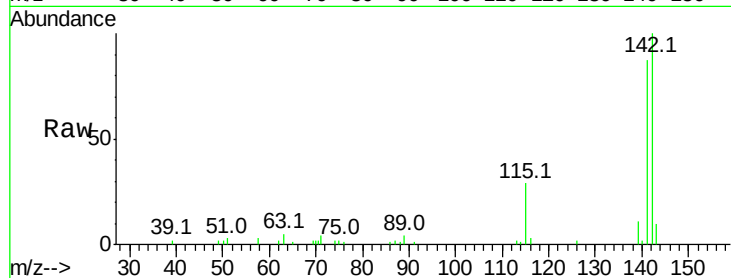




#37
 2-Methylnaphthalene
 Concen: 3.90 ng
 RT: 8.72 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF082571.D
 Acq: 28 Oct 2015 3:37

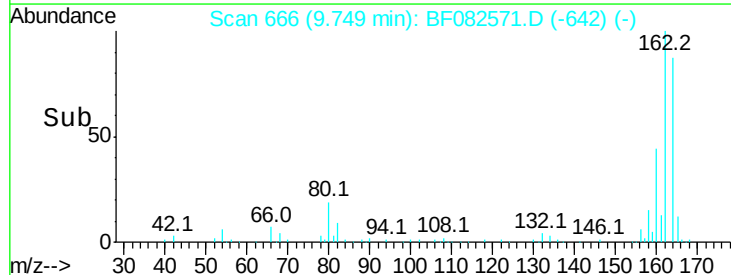
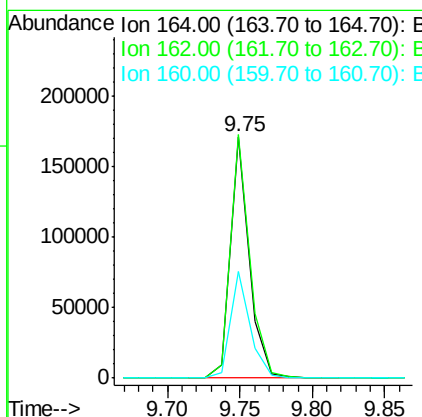
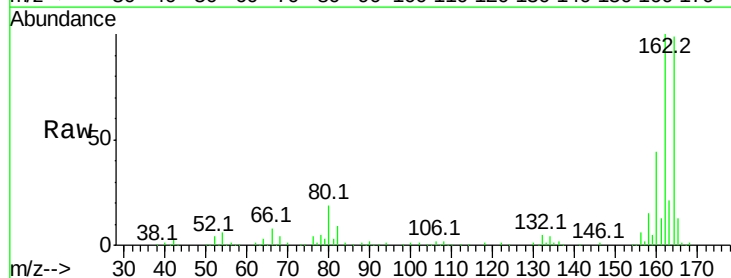
Instrument :
 BNA_F
 ClientSampleId :
 S4-BOILERROOM2.5FTDEEP

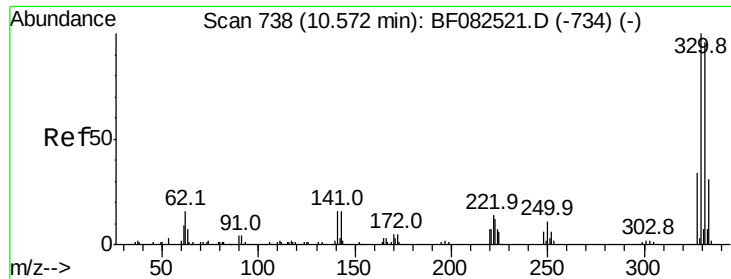
Tot Ion:142 Resp: 38591
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.0 106.6
 115 29.0 28.0 42.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082571.D
 Acq: 28 Oct 2015 3:37

Tgt Ion:164 Resp: 153936
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.6 125.4
 160 44.5 36.0 54.0

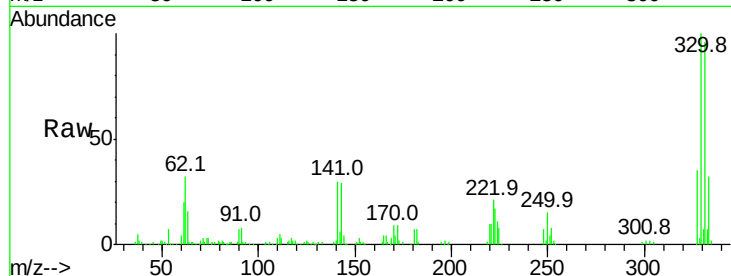




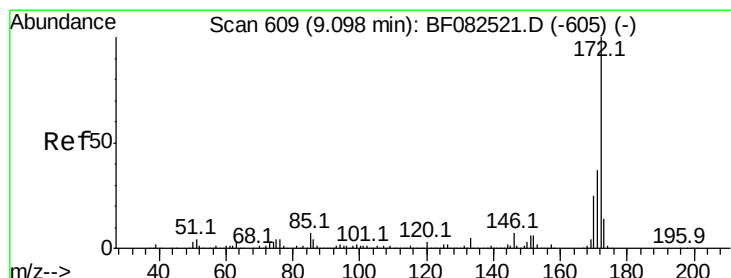
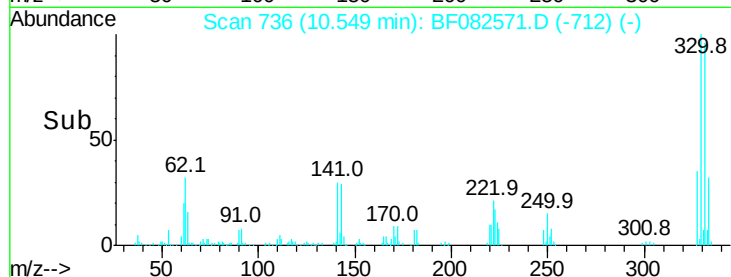
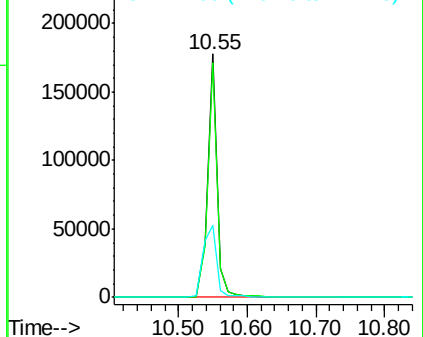
#41
 2,4,6-Tribromophenol
 Concen: 149.86 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082571.D
 Acq: 28 Oct 2015 3:37

Instrument :
 BNA_F
 ClientSampleId :
 S4-BOILERROOM2.5FTDEEP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	41.3	32.5	48.7

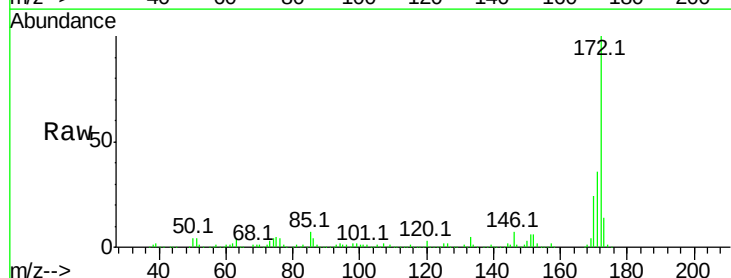


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

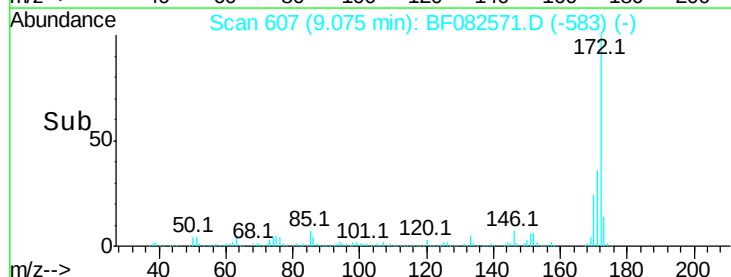
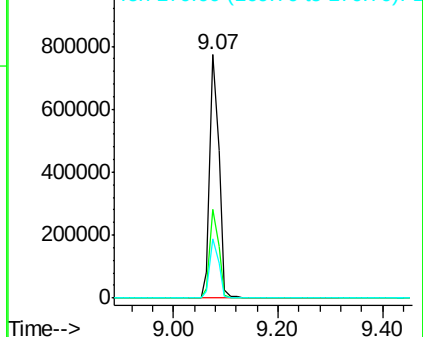


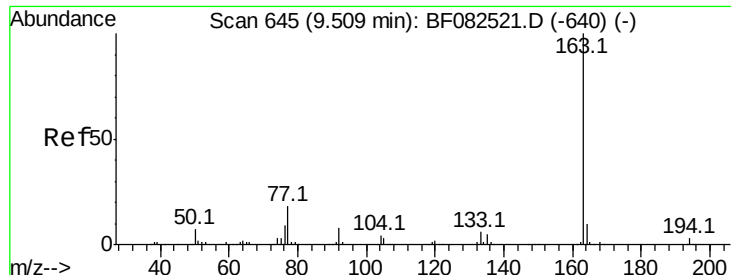
#44
 2-Fluorobiphenyl
 Concen: 97.88 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082571.D
 Acq: 28 Oct 2015 3:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.4	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





#49

Dimethylphthalate

Concen: 21.71 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

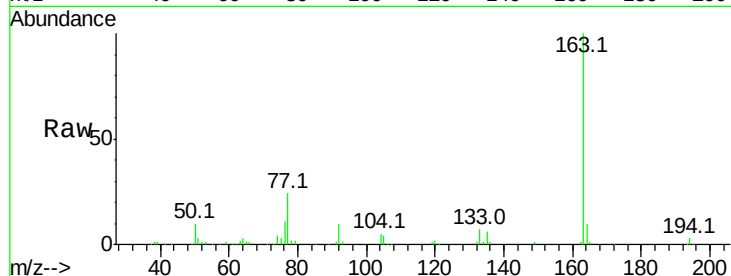
Tot Ion:163 Resp: 232495

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

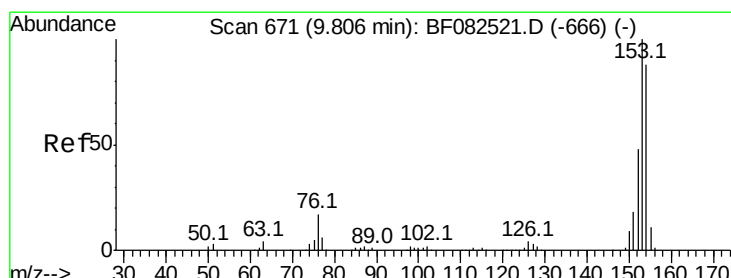
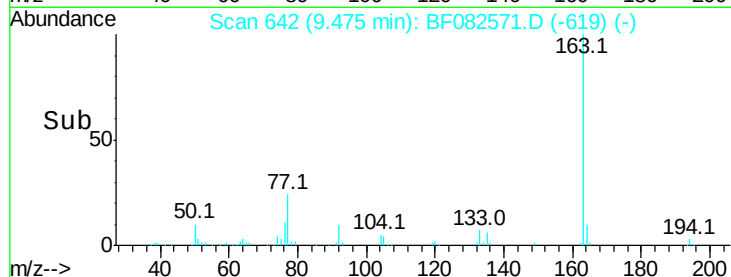
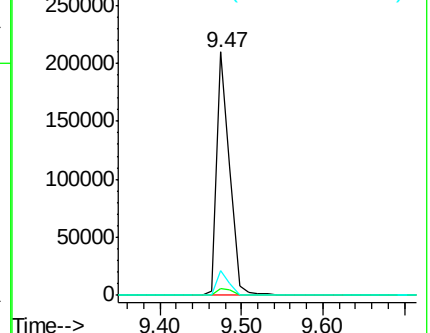
164 10.2 8.2 12.4



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



#51

Acenaphthene

Concen: 7.85 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

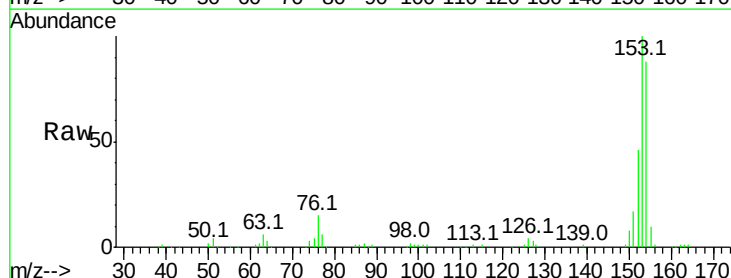
Tgt Ion:154 Resp: 65103

Ion Ratio Lower Upper

154 100

153 113.4 90.7 136.1

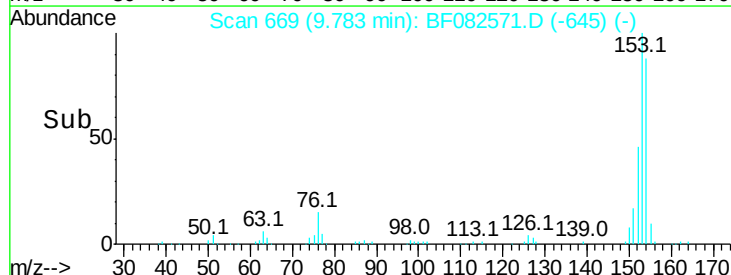
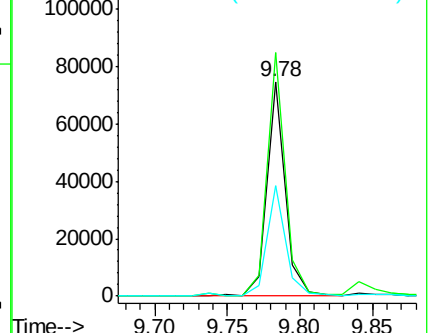
152 51.6 44.0 66.0

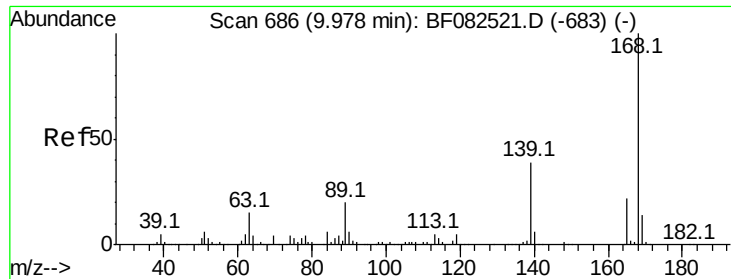


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

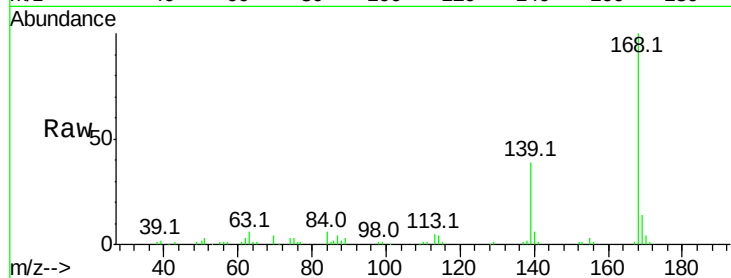




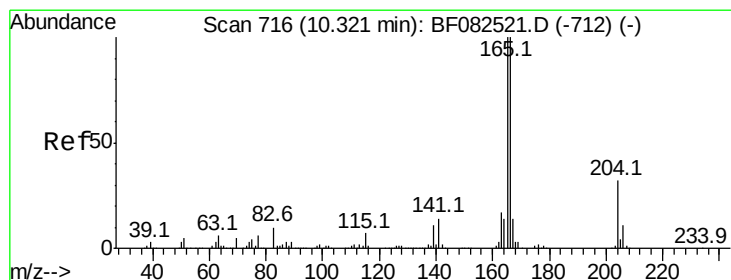
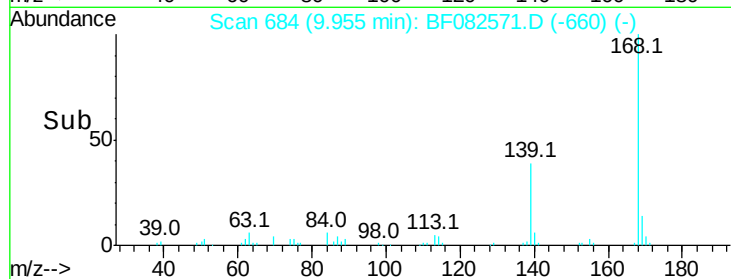
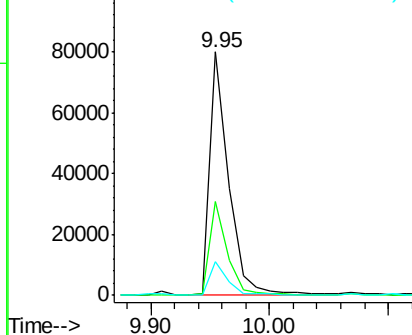
#54
Dibenzenofuran
Concen: 7.34 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tot Ion:168 Resp: 88886
Ion Ratio Lower Upper
168 100
139 38.7 33.0 49.6
169 13.9 11.0 16.4

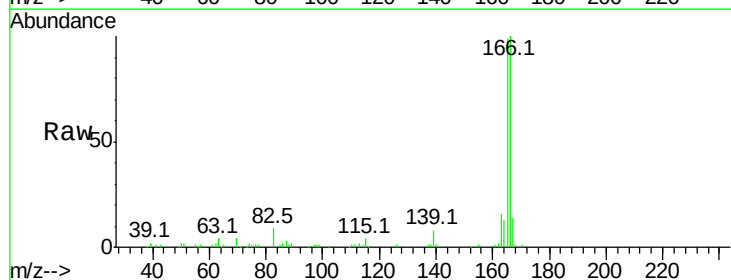


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

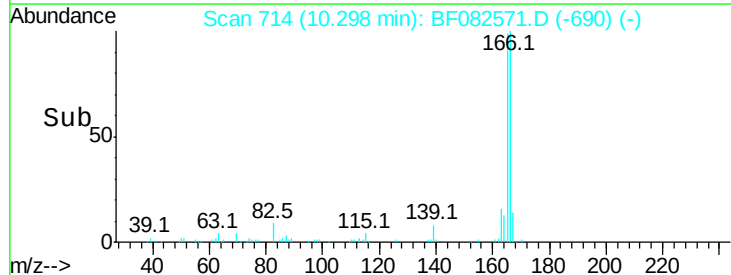
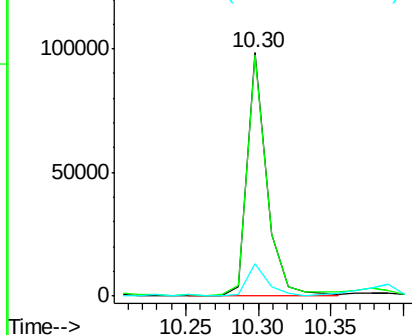


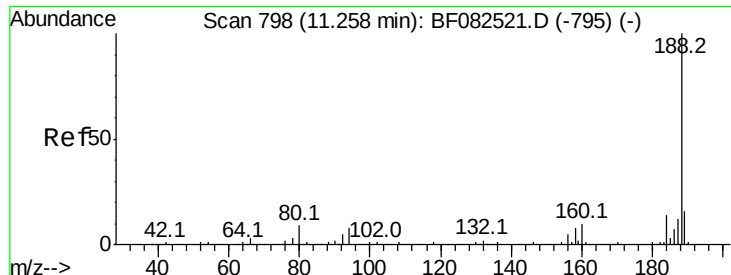
#57
Fluorene
Concen: 9.33 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Tgt Ion:166 Resp: 92701
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 13.6 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

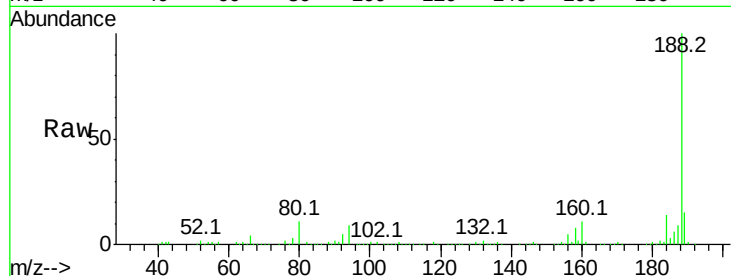




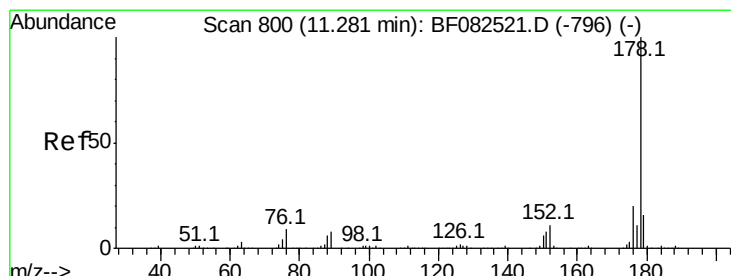
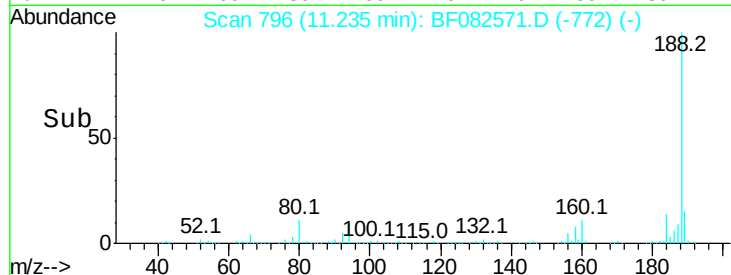
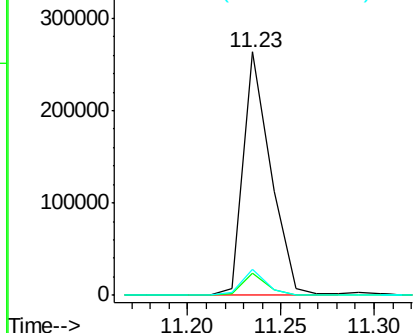
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tot Ion:188 Resp: 270539
Ion Ratio Lower Upper
188 100
94 9.3 6.4 9.6
80 10.5 7.0 10.6

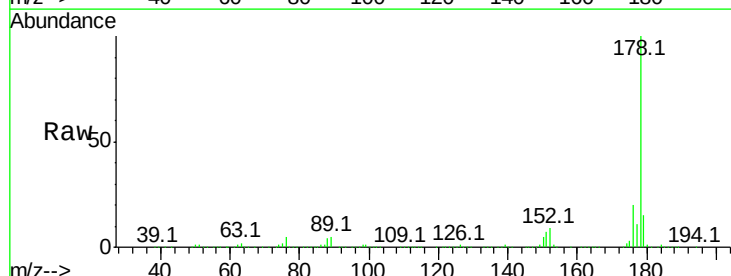


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

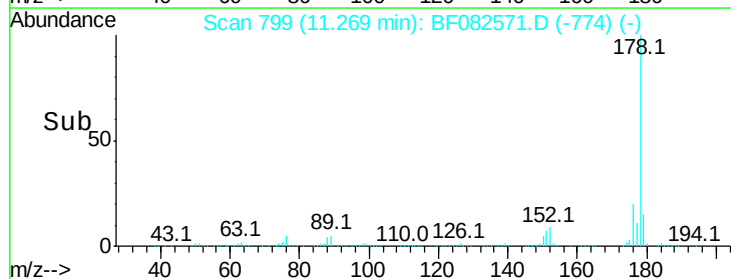
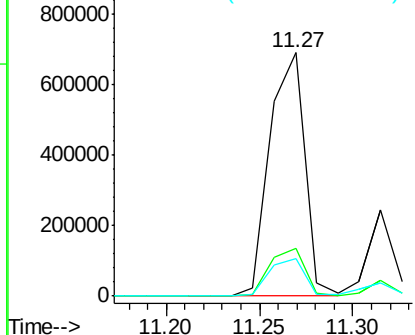


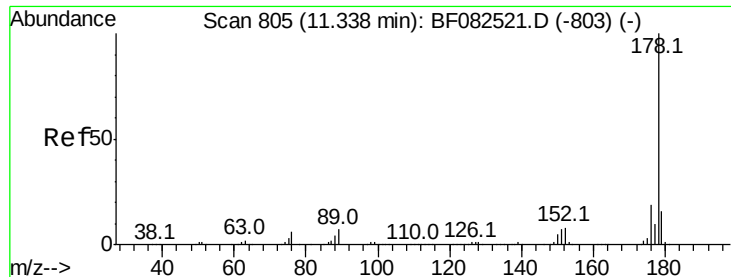
#70
Phenanthrene
Concen: 64.68 ng
RT: 11.27 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Tgt Ion:178 Resp: 900588
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.4 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: 17.35 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

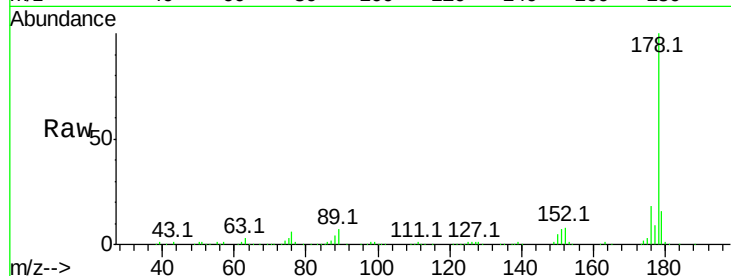
Tot Ion:178 Resp: 243241

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

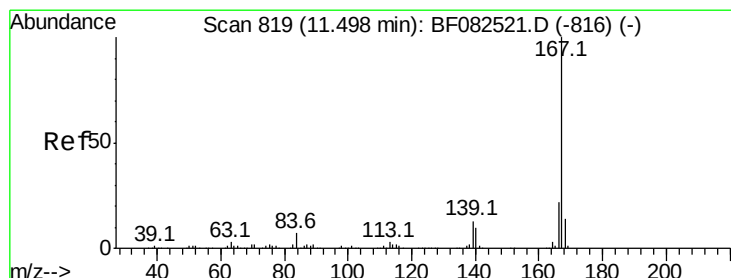
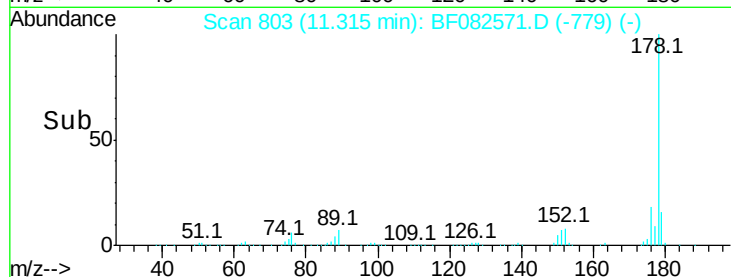
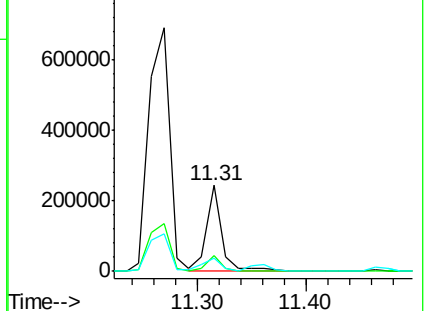
179 15.5 12.6 19.0



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: 15.76 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

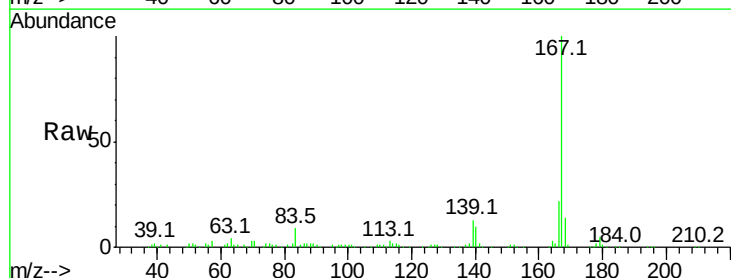
Tgt Ion:167 Resp: 194918

Ion Ratio Lower Upper

167 100

166 22.0 17.9 26.9

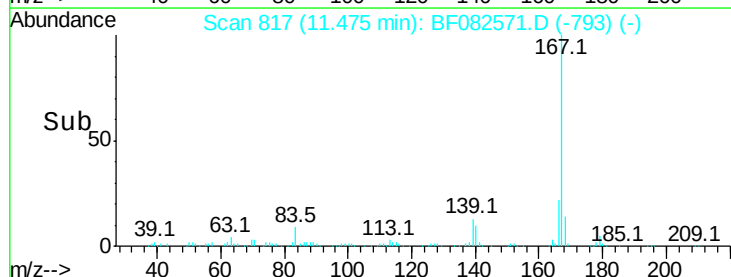
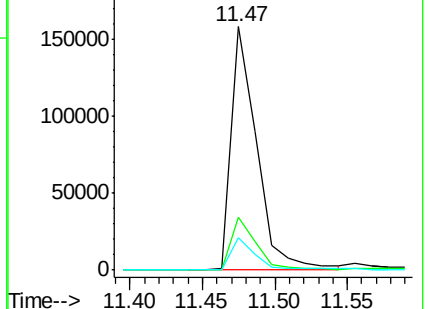
139 13.4 10.4 15.6

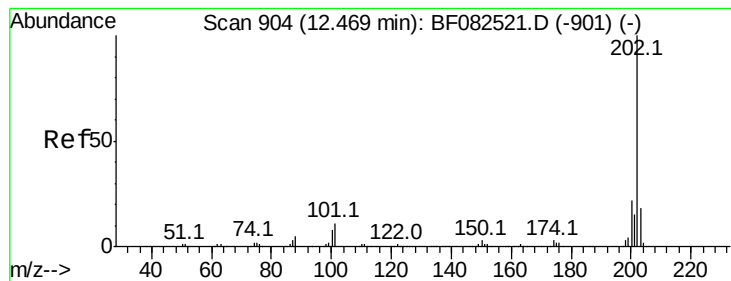


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

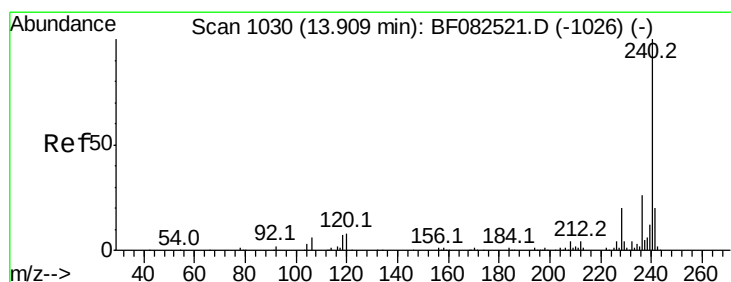
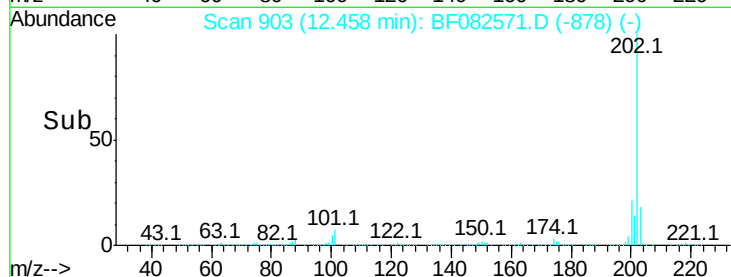
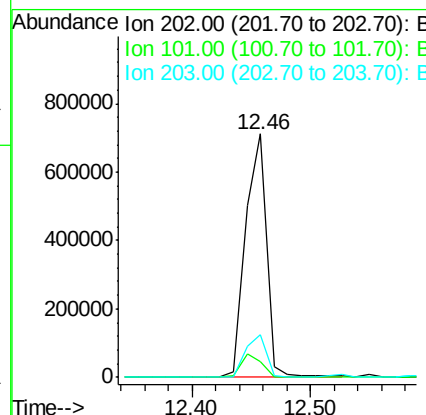
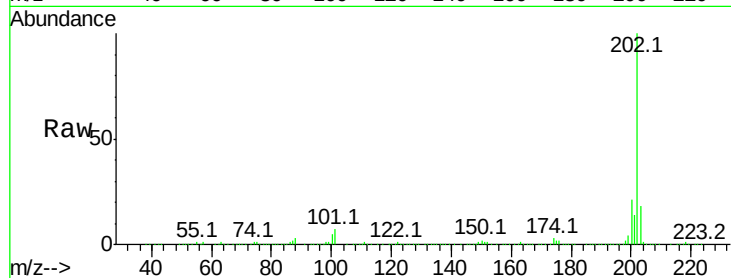




#74
Fluoranthene
Concen: 61.32 ng
RT: 12.46 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

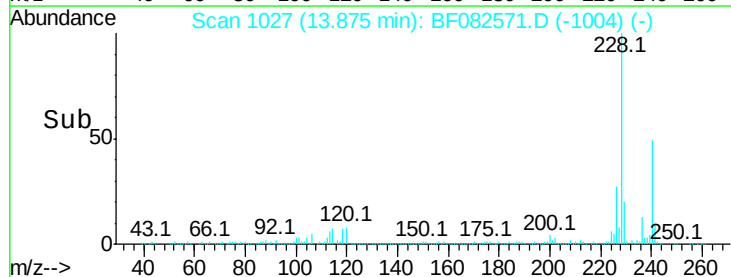
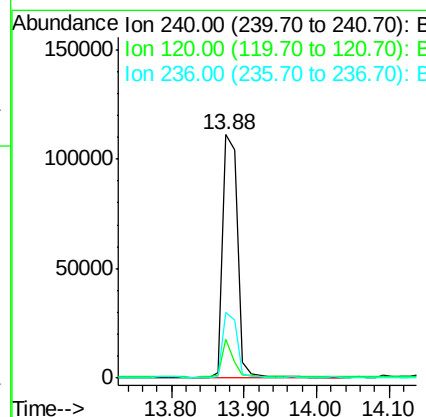
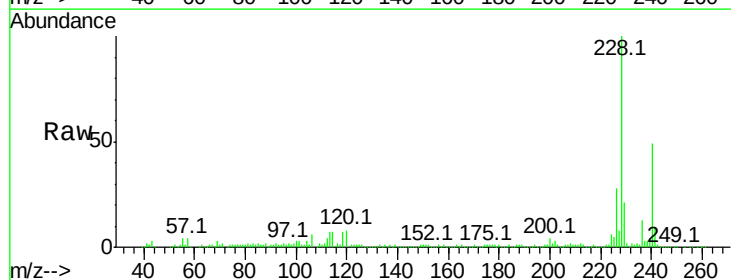
Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

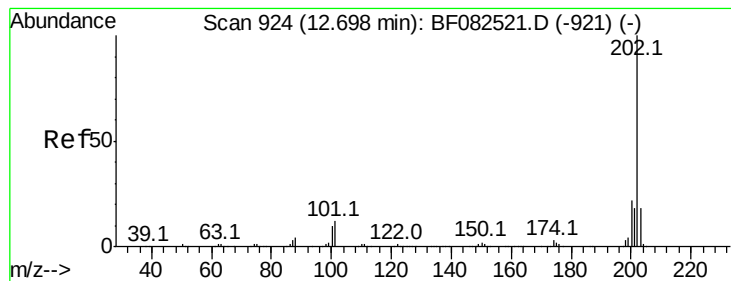
Tot Ion:202 Resp: 876395
Ion Ratio Lower Upper
202 100
101 6.6 0.0 31.2
203 17.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Tgt Ion:240 Resp: 160430
Ion Ratio Lower Upper
240 100
120 16.1 6.5 9.7#
236 26.9 20.5 30.7





#77

Pvrene

Concen: 68.34 ng

RT: 12.68 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

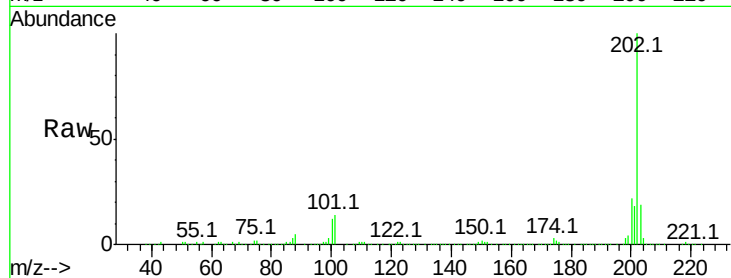
Tot Ion:202 Resp: 674351

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

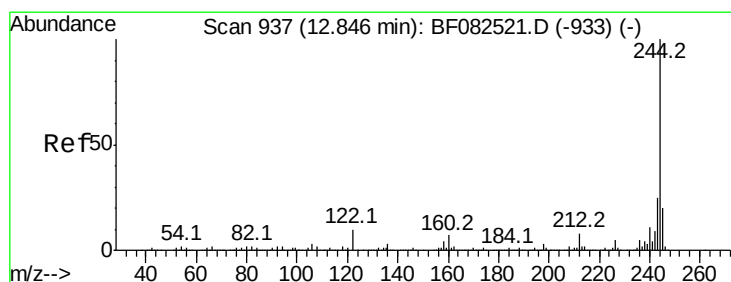
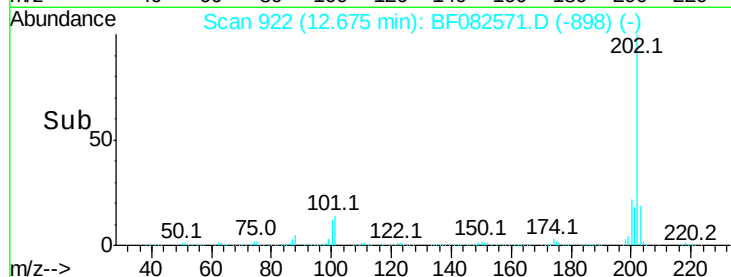
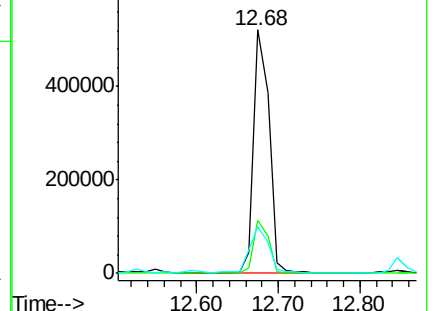
203 19.3 14.6 22.0



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: 127.80 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

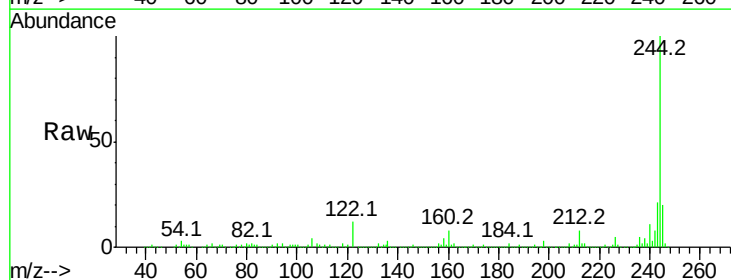
Tgt Ion:244 Resp: 711688

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

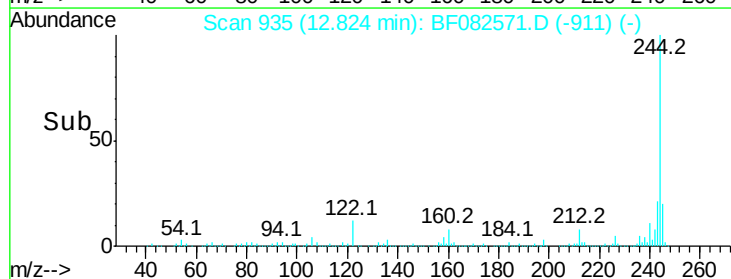
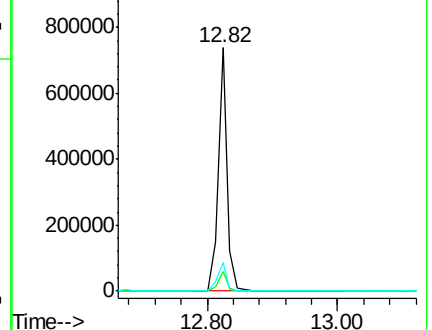
122 11.7 8.1 12.1

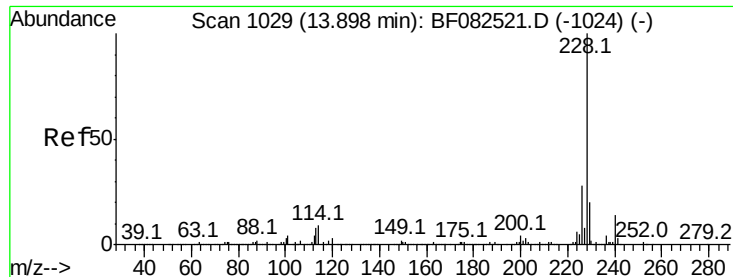


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 35.78 ng m

RT: 13.88 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

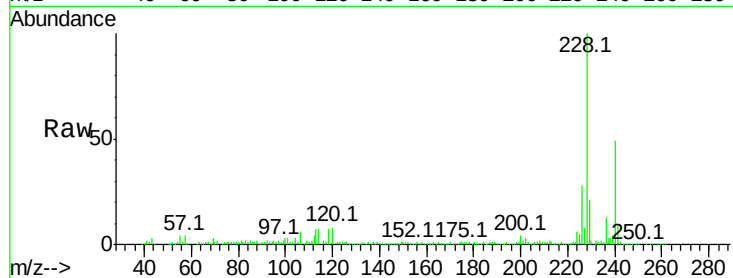
Tot Ion:228 Resp: 307706

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

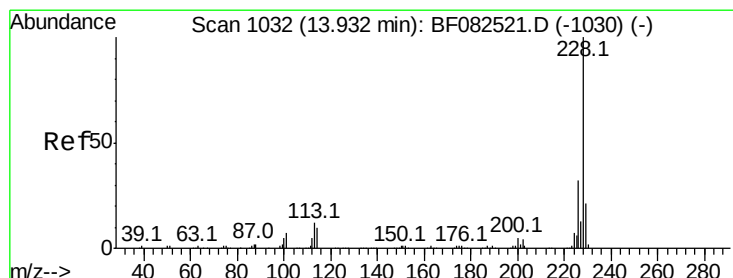
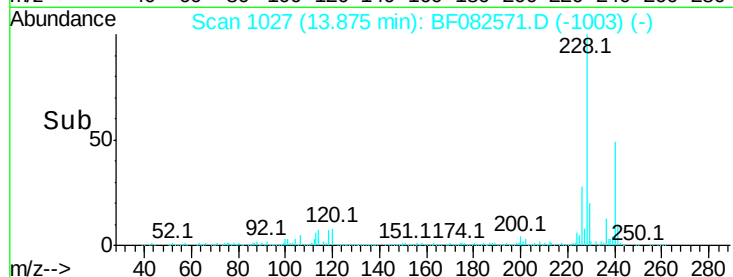
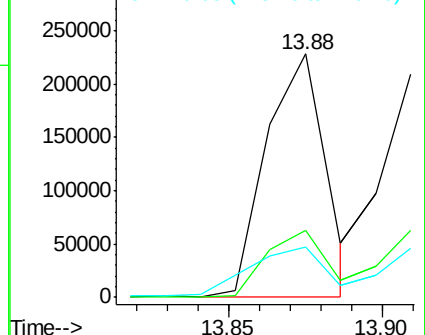
229 20.5 16.1 24.1



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



#82

Chrysene

Concen: 29.09 ng m

RT: 13.91 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

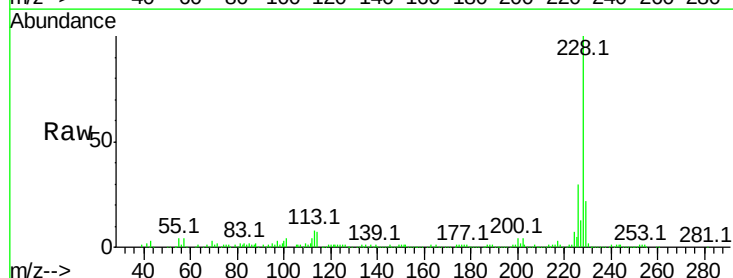
Tgt Ion:228 Resp: 236324

Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

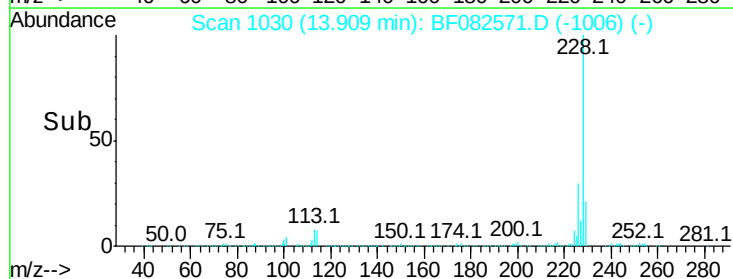
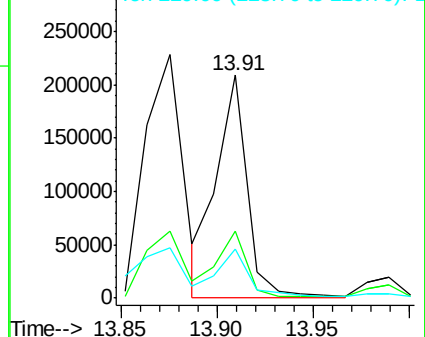
229 22.2 16.3 24.5

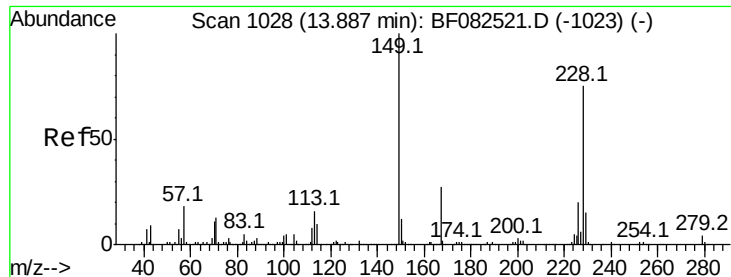


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.34 ng

RT: 13.85 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

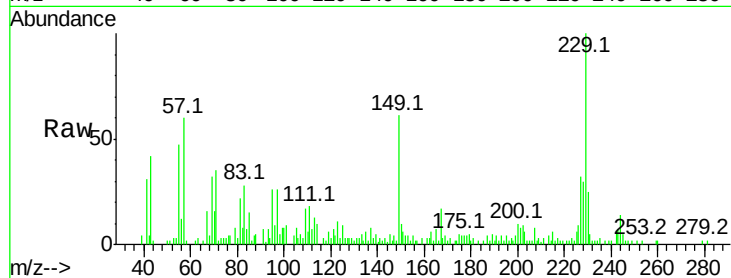
Tot Ion:149 Resp: 12980

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

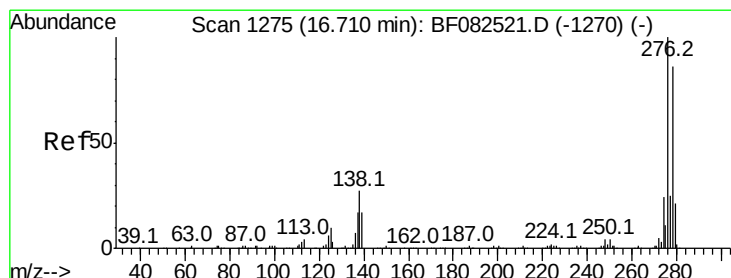
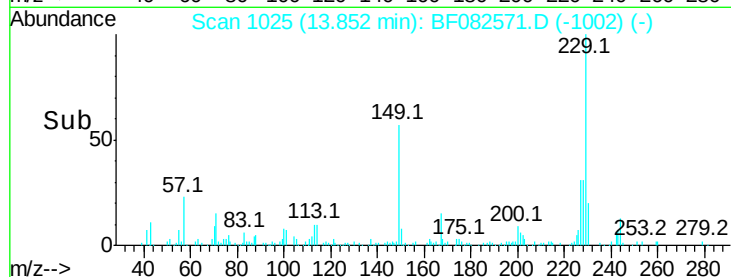
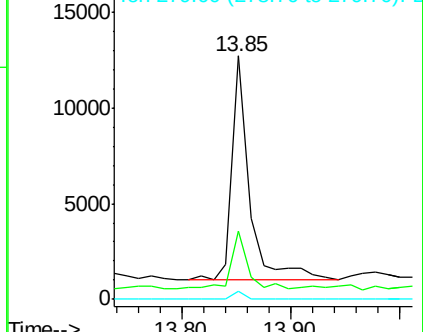
279 3.2 3.0 4.6



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: 24.84 ng

RT: 16.65 min Scan# 1270

Delta R.T. -0.06 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

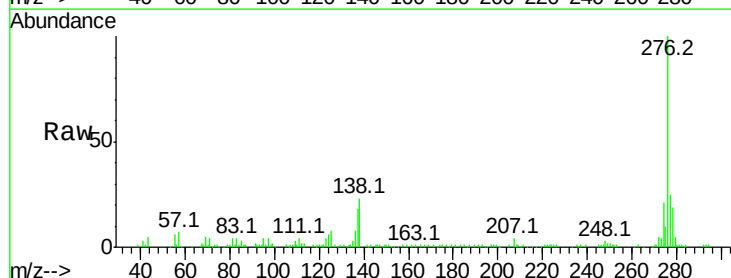
Tgt Ion:276 Resp: 185409

Ion Ratio Lower Upper

276 100

138 19.9 20.6 30.8#

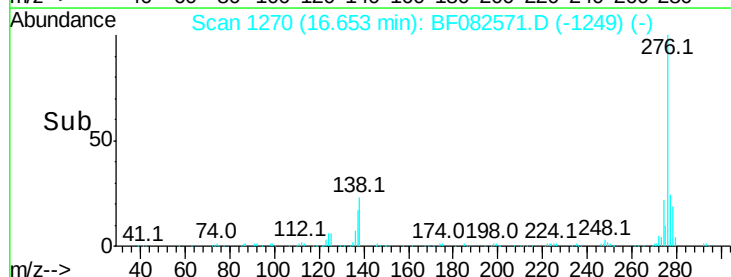
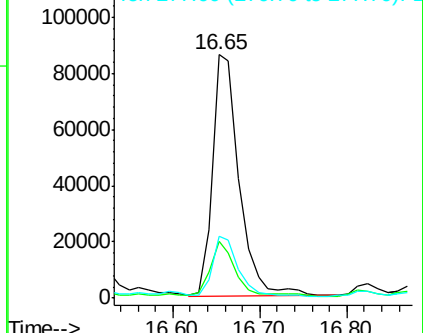
277 24.3 19.9 29.9

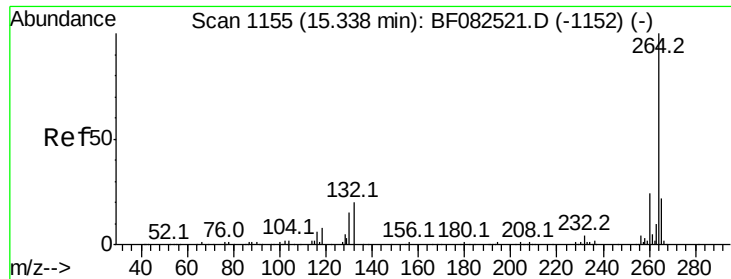


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.30 min Scan# 1152

Delta R.T. -0.03 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

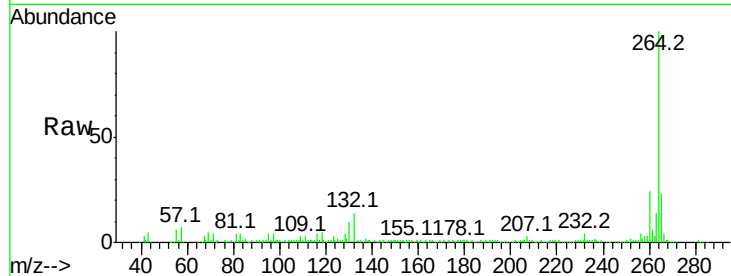
Tot Ion:264 Resp: 175440

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

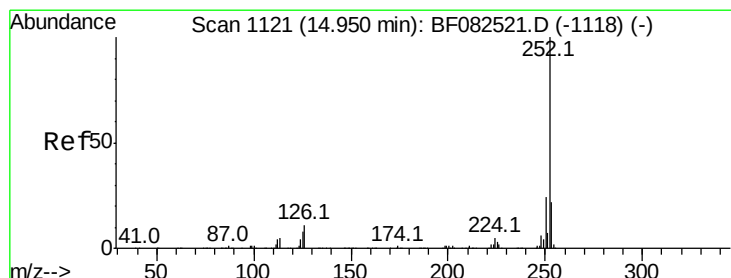
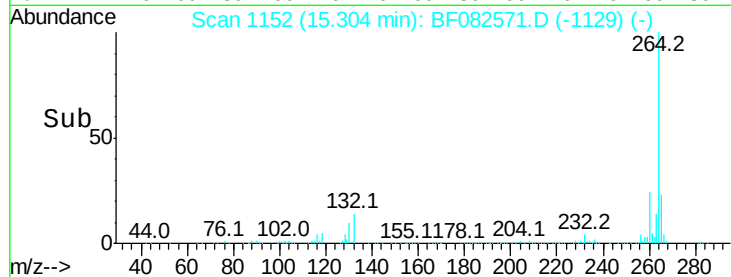
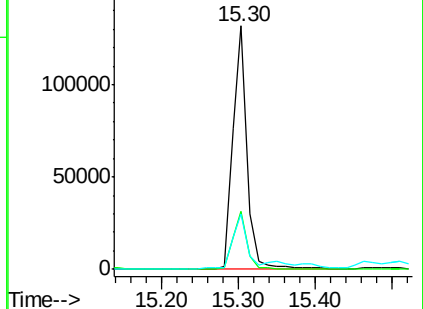
265 22.7 17.8 26.6



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: 30.05 ng m

RT: 14.90 min Scan# 1117

Delta R.T. -0.05 min

Lab File: BF082571.D

Acq: 28 Oct 2015 3:37

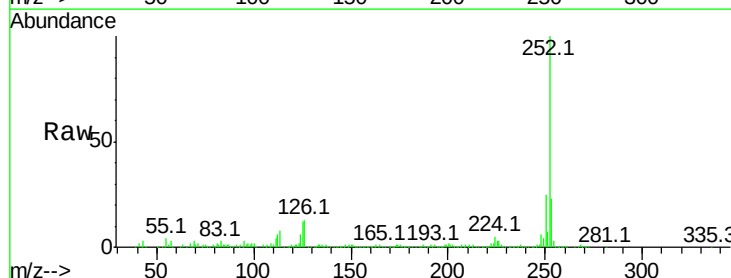
Tgt Ion:252 Resp: 313079

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

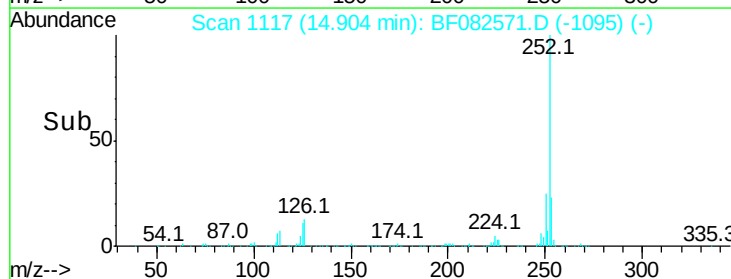
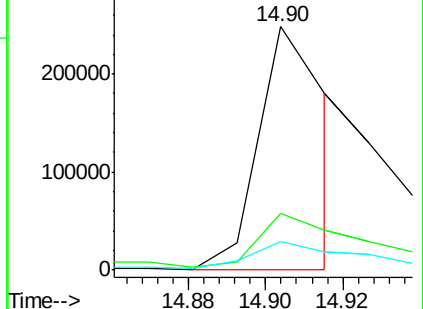
125 11.5 6.6 10.0#

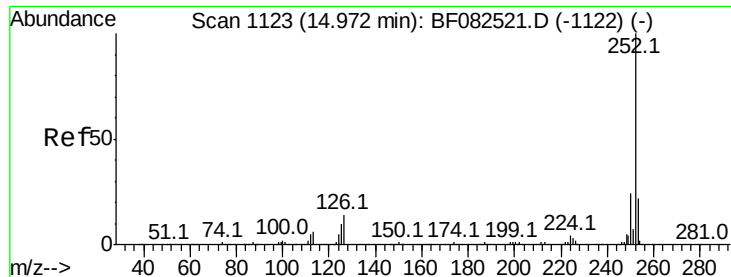


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

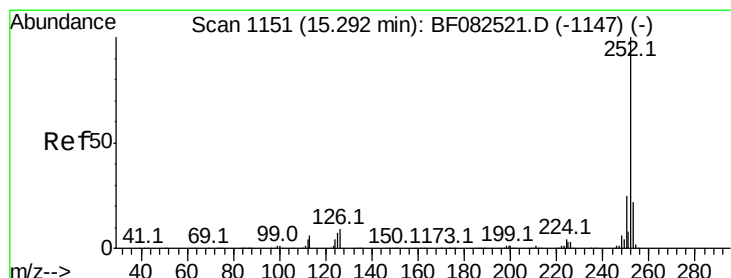
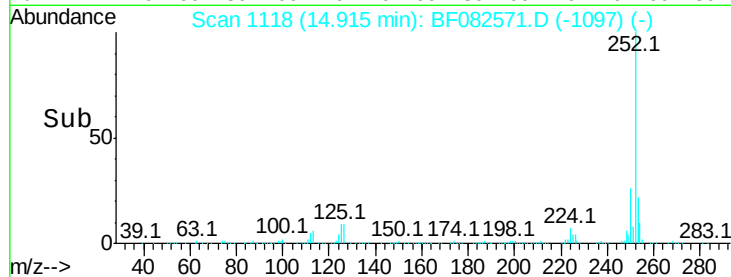
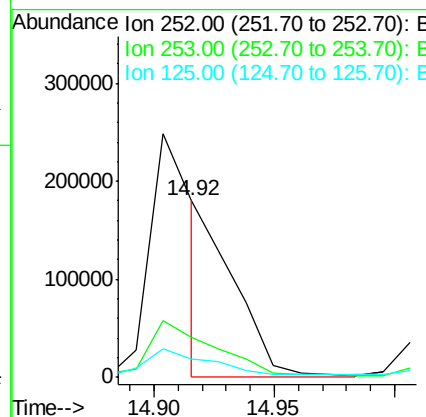
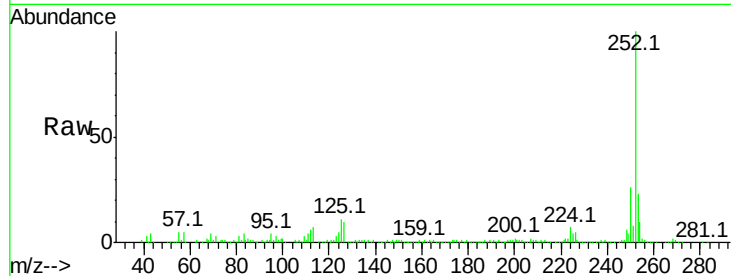




#88
Benzo(k)fluoranthene
Concen: 18.33 ng m
RT: 14.92 min Scan# 1118
Delta R.T. -0.06 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

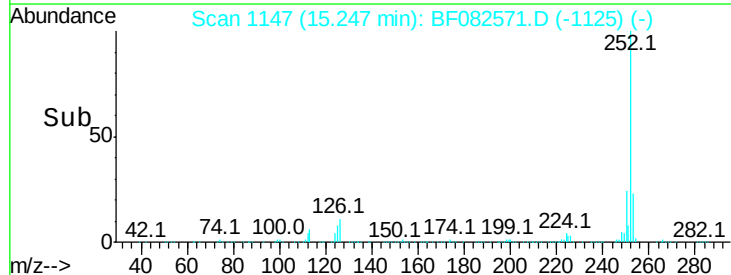
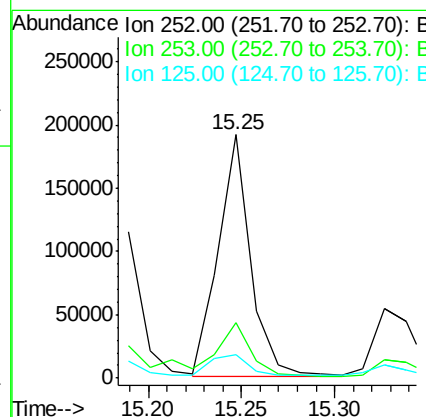
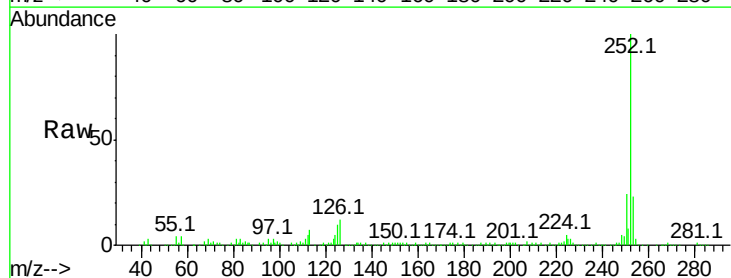
Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

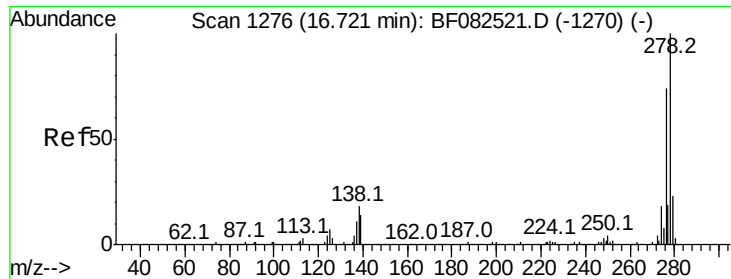
Tot Ion:252 Resp: 155724
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.5 8.7 13.1



#89
Benzo(a)pyrene
Concen: 25.72 ng
RT: 15.25 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Tgt Ion:252 Resp: 232120
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.6 5.9 8.9#

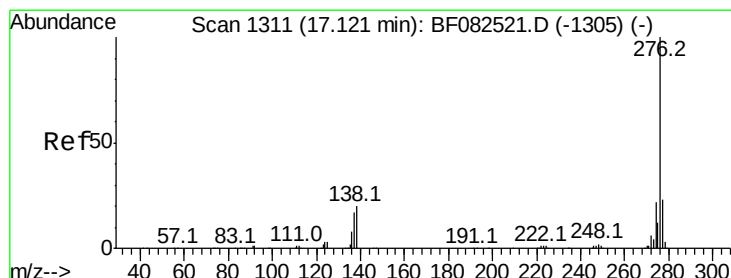
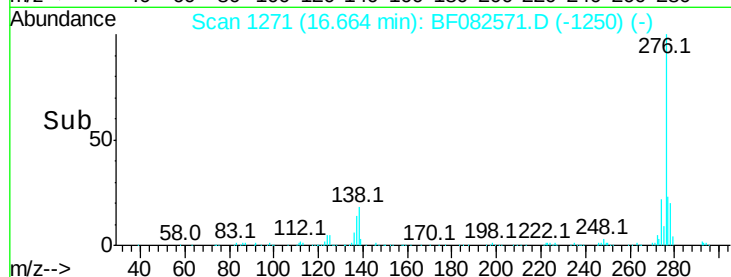
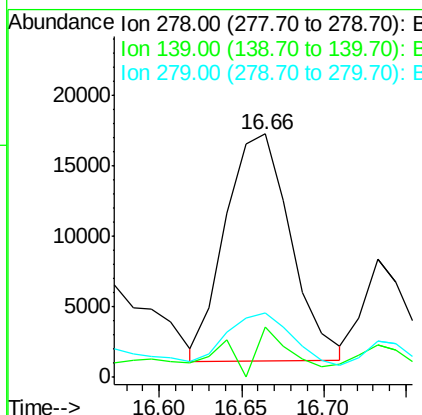
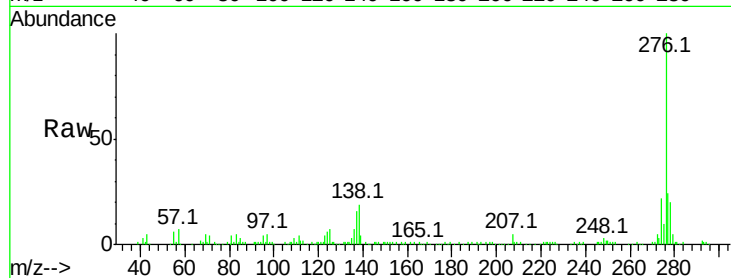




#90
Dibenzo(a,h)anthracene
Concen: 5.90 ng/mL
RT: 16.66 min Scan# 1271
Delta R.T. -0.06 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tot Ion: 278 Resp: 44543
Ion Ratio Lower Upper
278 100
139 20.7 11.6 17.4#
279 26.4 18.7 28.1



#91
Benzo(g,h,i)perylene
Concen: 22.97 ng/mL
RT: 17.06 min Scan# 1306
Delta R.T. -0.06 min
Lab File: BF082571.D
Acq: 28 Oct 2015 3:37

Tgt Ion: 276 Resp: 171598
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 21.9 16.0 24.0

