

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082611.D
 Acq On : 31 Oct 2015 10:15
 Operator : UM/IZ
 Sample : G4178-04RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-BOILERROOM2.5FTDEEP

Quant Time: Nov 02 00:26:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	224745	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	849996	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	459953	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	757448	20.00	ng	0.00
75) Chrysene-d12	14.08	240	473790	20.00	ng	0.00
86) Perylene-d12	15.55	264	435576	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1966500	131.79	ng	0.01
7) Phenol-d6	6.54	99	2911980	146.89	ng	0.01
23) Nitrobenzene-d5	7.47	82	1974244	94.85	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	631913	125.54	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2754505	85.03	ng	0.00
78) Terphenyl-d14	13.03	244	2318388	107.09	ng	0.00

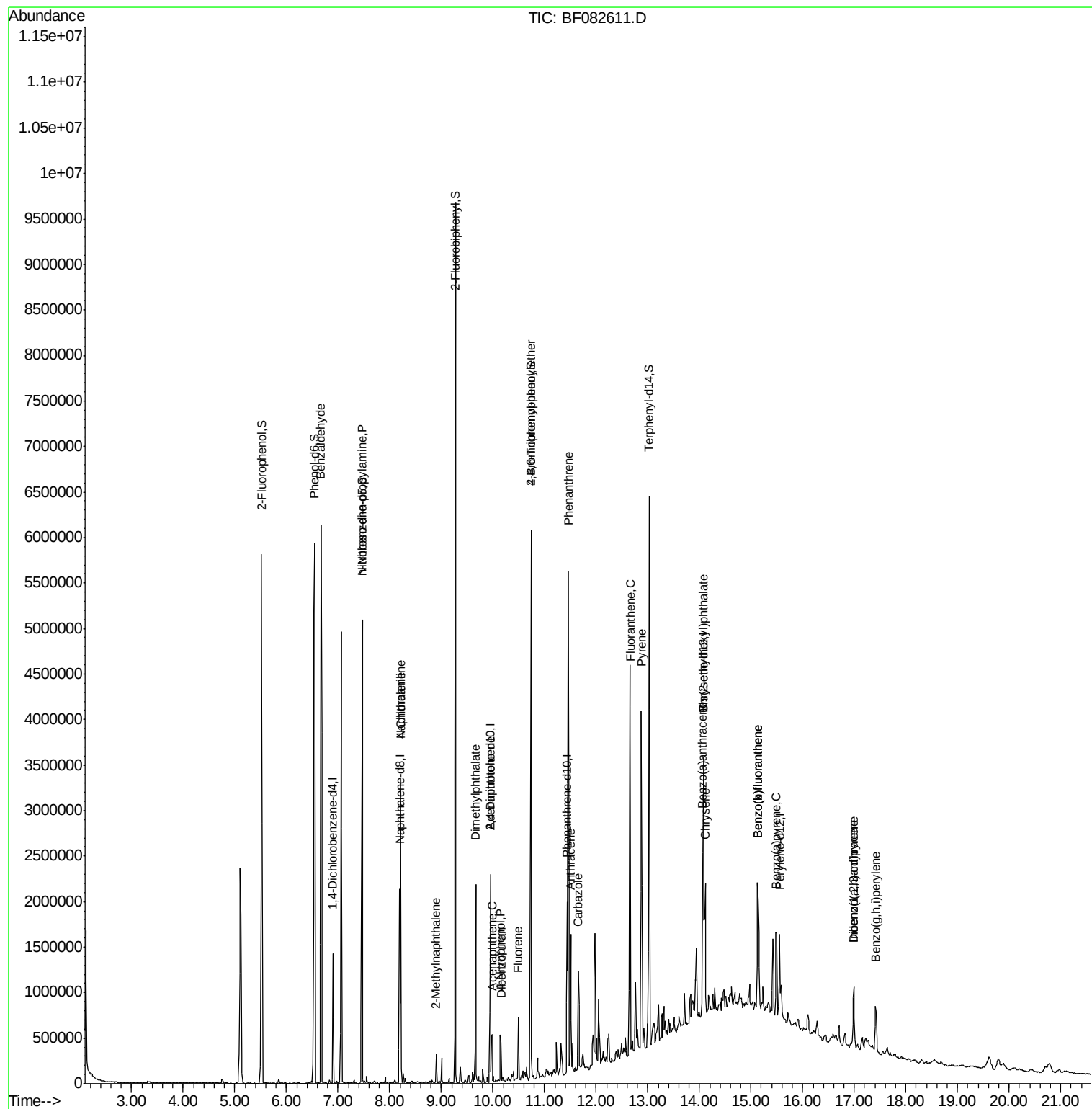
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	58737	4.34	ng	84
19) n-Nitroso-di-n-propylamine	7.47	70	289526	19.27	ng	# 73
31) Naphthalene	8.21	128	1236733	26.89	ng	99
33) 4-Chloroaniline	8.21	127	172631	8.79	ng	# 30
37) 2-Methylnaphthalene	8.90	142	107649	3.61	ng	99
49) Dimethylphthalate	9.66	163	716144	19.06	ng	99
51) Acenaphthene	9.98	154	174818	5.68	ng	97
54) Dibenzofuran	10.16	168	242902	5.81	ng	# 86
55) 4-Nitrophenol	10.14	139	101870	15.63	ng	# 3
56) 2,4-Dinitrotoluene	9.95	165	60816	5.78	ng	# 16
57) Fluorene	10.49	166	250061	7.42	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	49714	5.79	ng	# 1
70) Phenanthrene	11.46	178	2399765	56.17	ng	99
71) Anthracene	11.50	178	634610	14.75	ng	97
72) Carbazole	11.65	167	552307	14.74	ng	97
74) Fluoranthene	12.66	202	2632818	60.28	ng	94
77) Pyrene	12.88	202	1914189	54.56	ng	97
80) Benzo(a)anthracene	14.07	228	947446	31.48	ng	99
82) Chrysene	14.11	228	682723	25.03	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	45350	2.28	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.99	276	473486	21.03	ng	96
87) Benzo(b)fluoranthene	15.13	252	1163220	38.73	ng	# 96
88) Benzo(k)fluoranthene	15.13	252	1163220	50.84	ng	# 96
89) Benzo(a)pyrene	15.49	252	563160	23.81	ng	97
90) Dibenzo(a,h)anthracene	16.99	278	111573	5.06	ng	95
91) Benzo(g,h,i)perylene	17.41	276	464423	21.71	ng	99

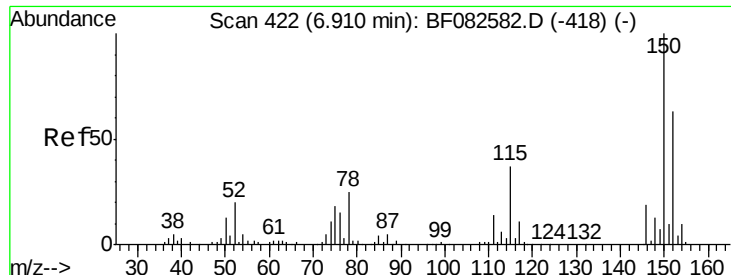
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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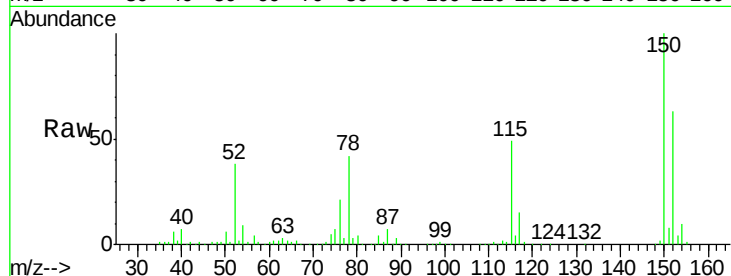


#1

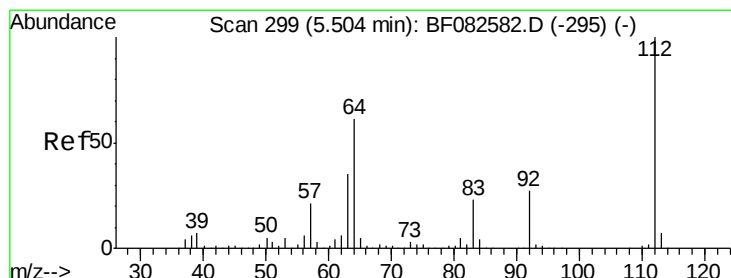
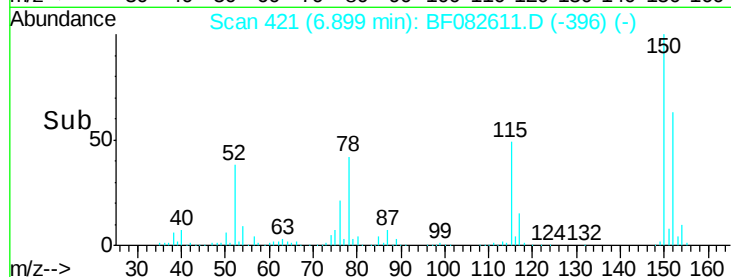
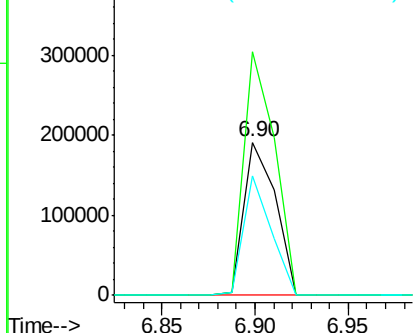
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tgt Ion:152 Resp: 224745
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.4
115 78.0 47.0 70.6#



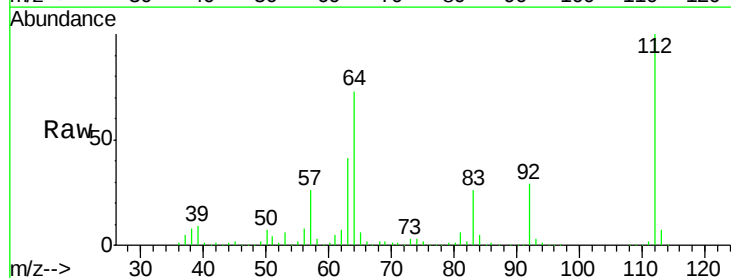
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



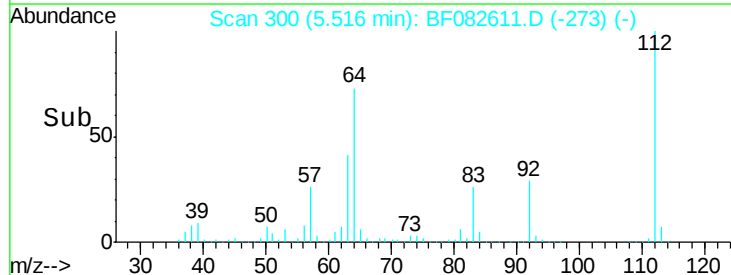
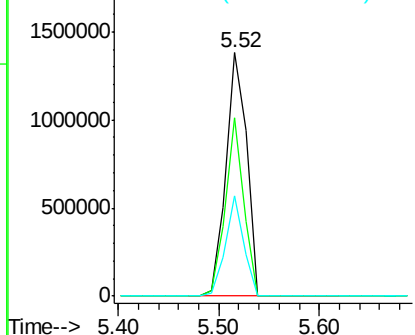
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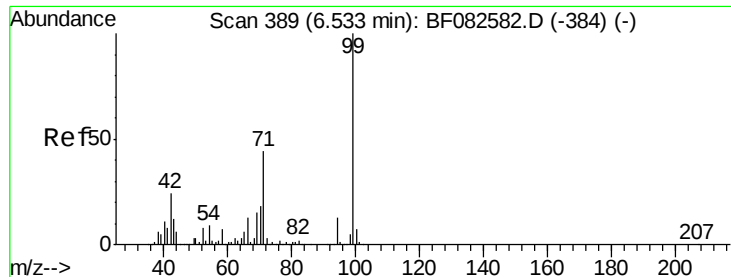
2-Fluorophenol
Concen: 131.79 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion:112 Resp: 1966500
Ion Ratio Lower Upper
112 100
64 73.1 48.9 73.3
63 41.4 28.1 42.1



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: 146.89 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

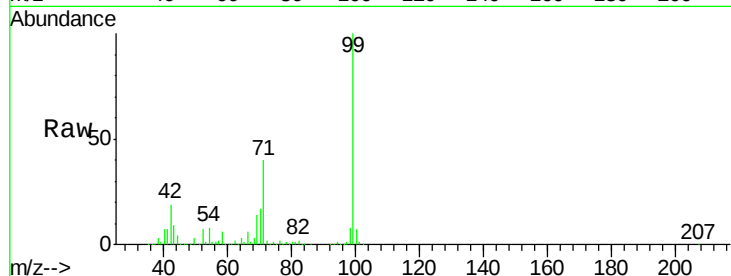
Tgt Ion: 99 Resp: 2911980

Ion Ratio Lower Upper

99 100

42 18.9 19.2 28.8#

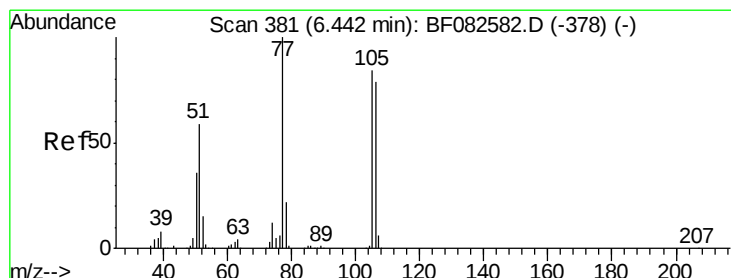
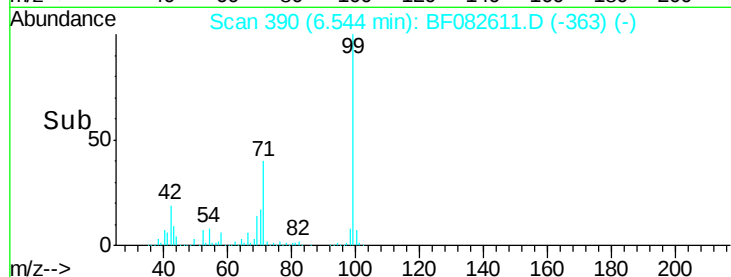
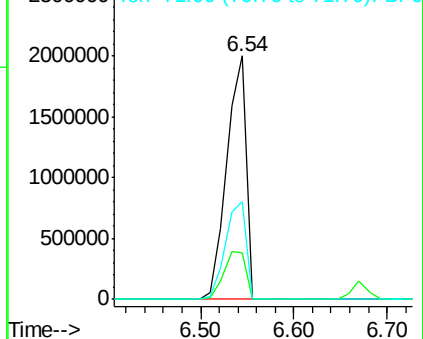
71 40.2 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.34 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

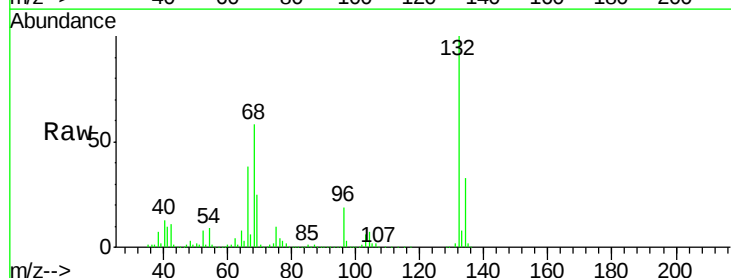
Tgt Ion: 77 Resp: 58737

Ion Ratio Lower Upper

77 100

105 71.6 63.5 103.5

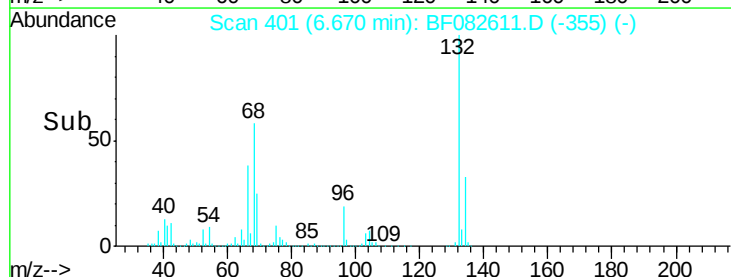
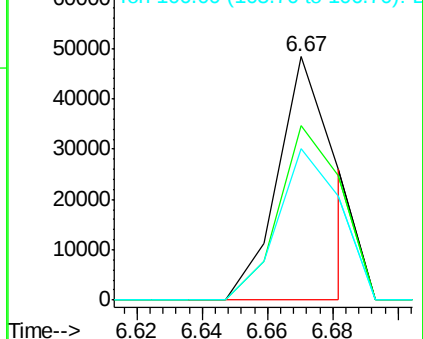
106 62.3 59.3 99.3

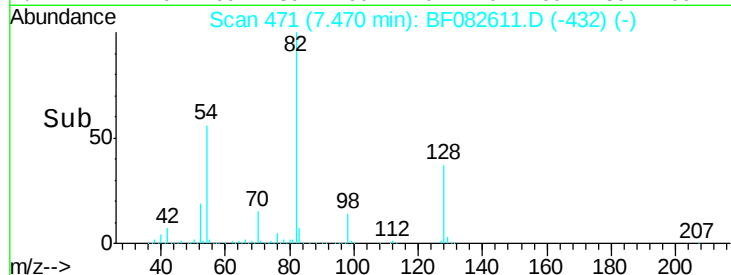
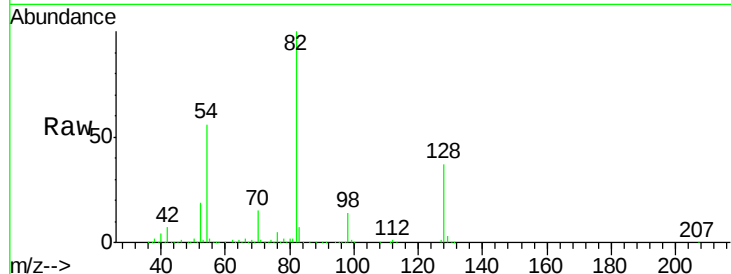
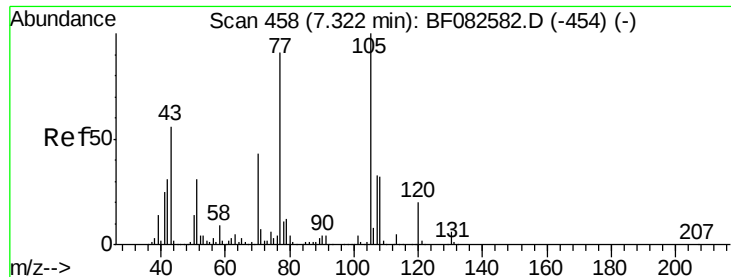


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

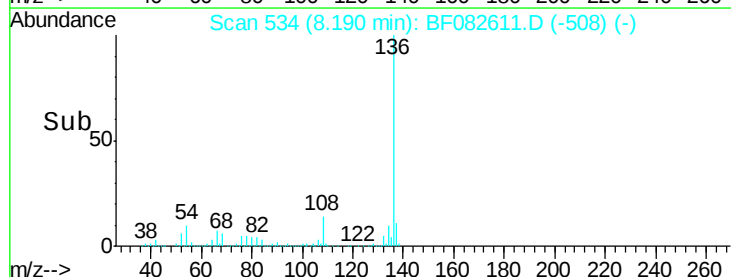
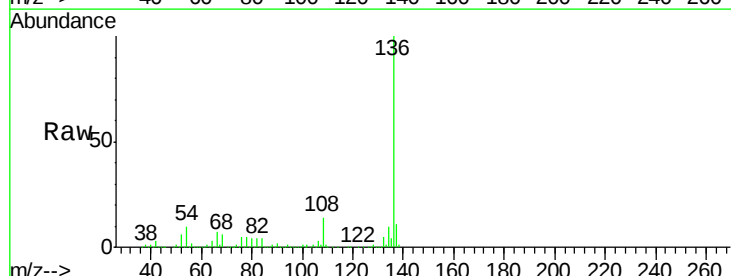
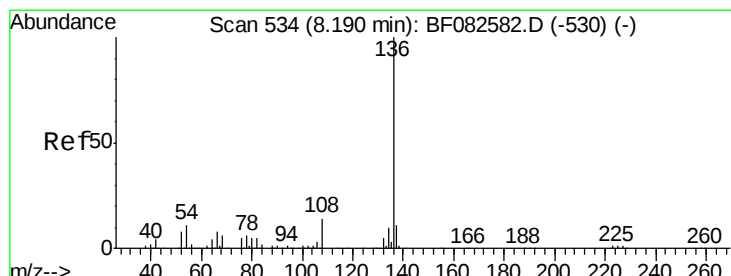
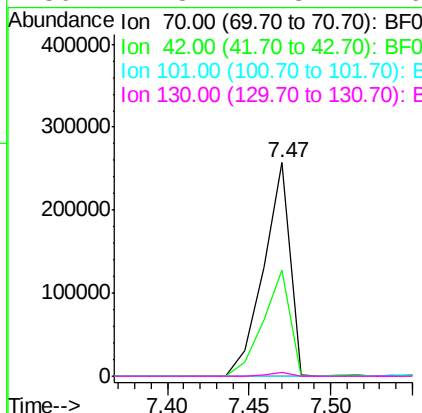




#19
n-Nitroso-di-n-propylamine
Concen: 19.27 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

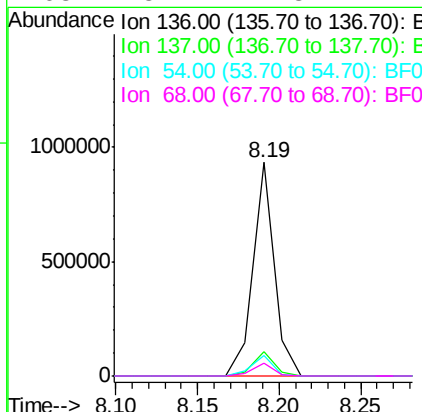
Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

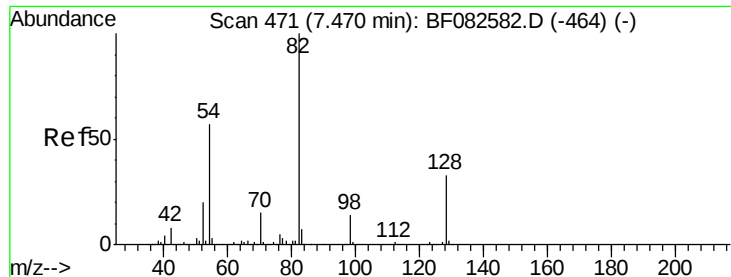
Tgt Ion: 70 Resp: 289526
Ion Ratio Lower Upper
70 100
42 49.6 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion: 136 Resp: 849996
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.8 9.1 13.7
68 5.7 4.8 7.2

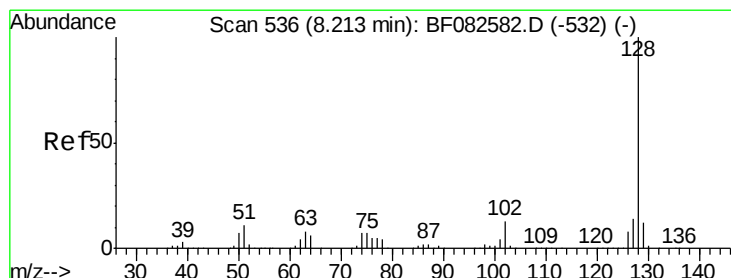
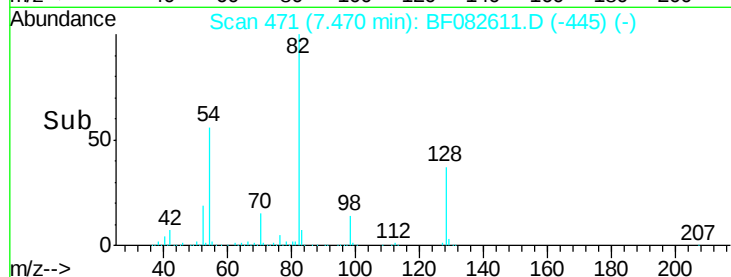
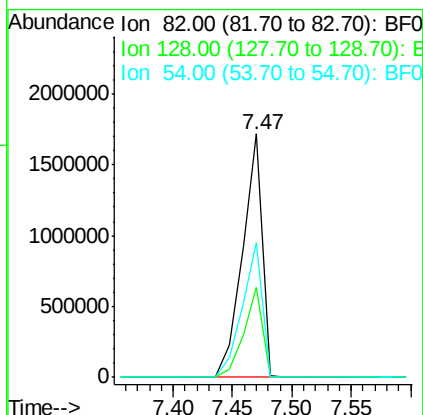
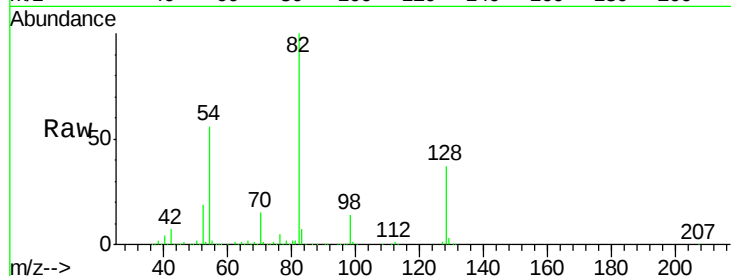




#23
Nitrobenzene-d5
Concen: 94.85 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

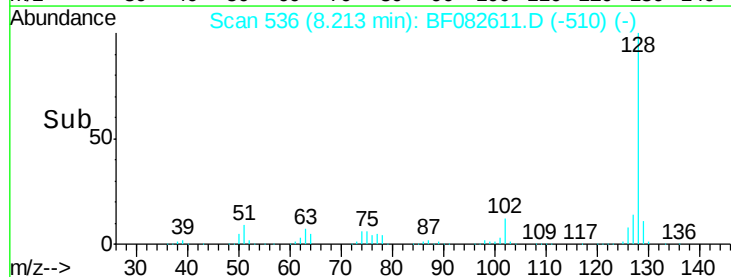
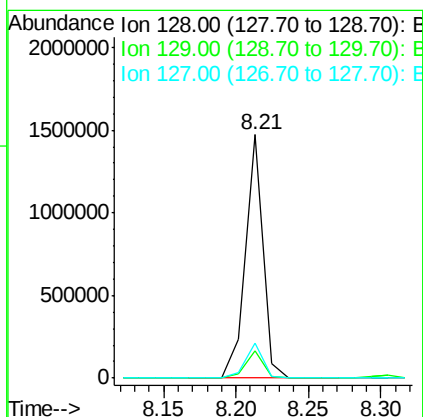
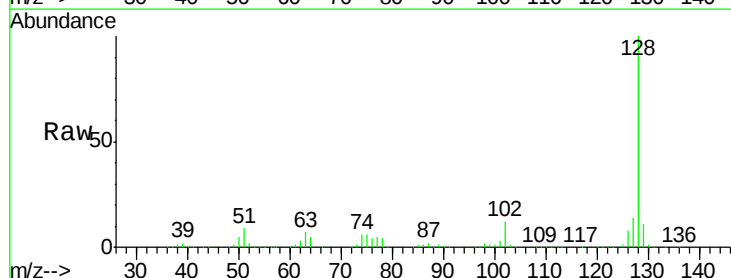
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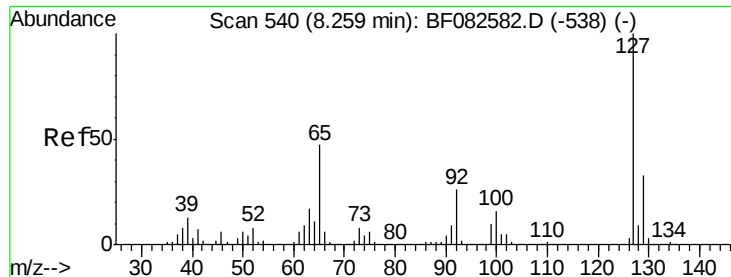
Tgt Ion: 82 Resp: 1974244
Ion Ratio Lower Upper
82 100
128 36.9 26.8 40.2
54 55.6 45.7 68.5



#31
Naphthalene
Concen: 26.89 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion: 128 Resp: 1236733
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 14.1 11.4 17.0

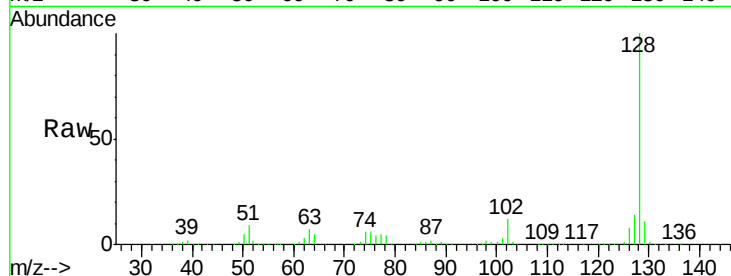




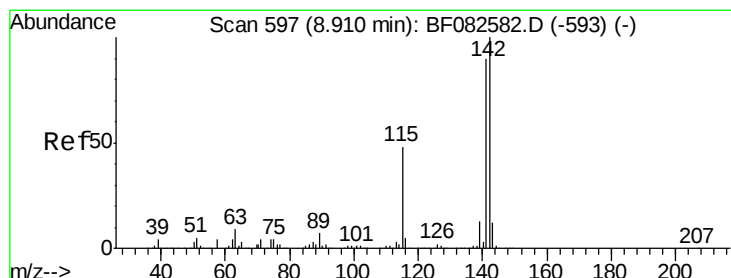
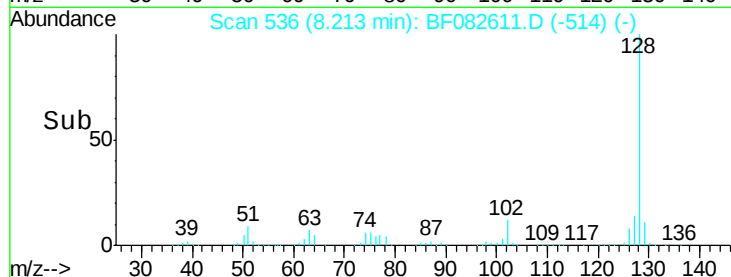
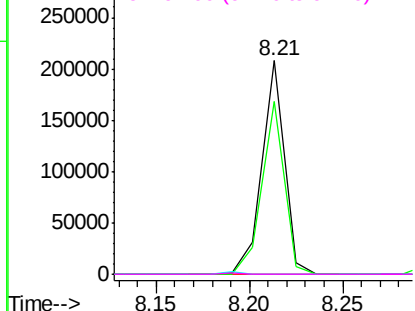
#33
4-Chloroaniline
Concen: 8.79 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tgt Ion:	127	Resp:	172631
Ion Ratio	Lower	Upper	
127	100		
129	80.7	26.3	39.5#
65	0.0	37.8	56.8#
92	0.0	20.6	31.0#

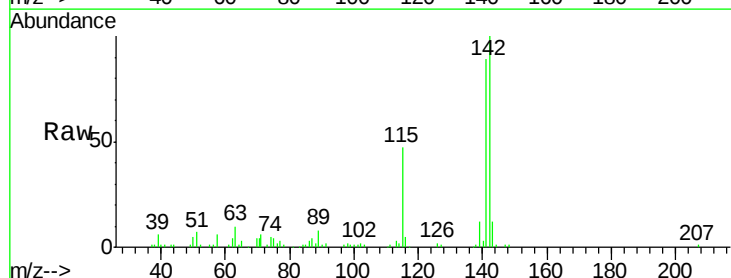


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

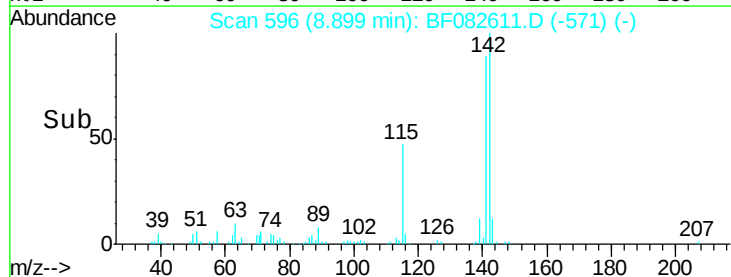
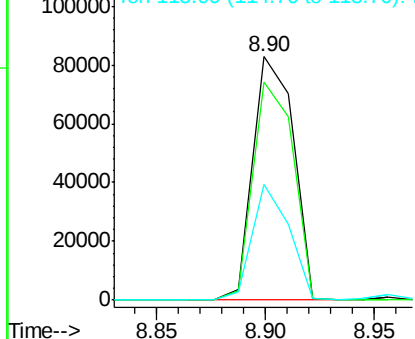


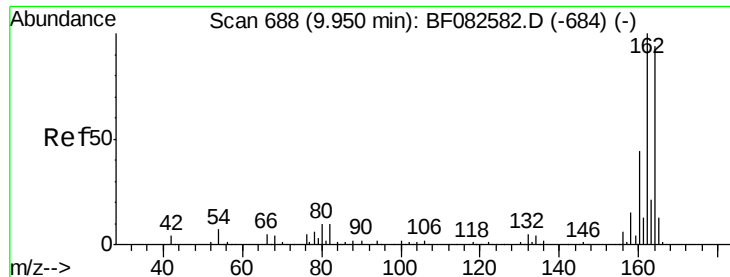
#37
2-Methylnaphthalene
Concen: 3.61 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion:	142	Resp:	107649
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.3	108.5
115	47.2	38.1	57.1



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: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

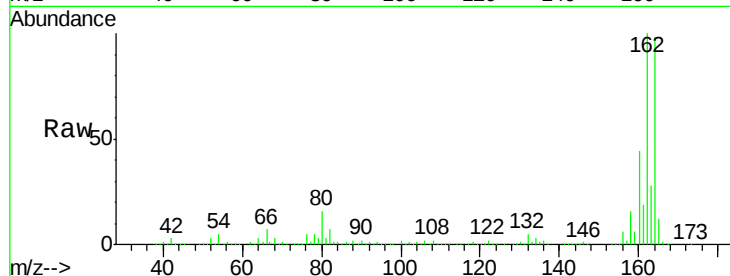
Tgt Ion:164 Resp: 459953

Ion Ratio Lower Upper

164 100

162 101.8 84.9 127.3

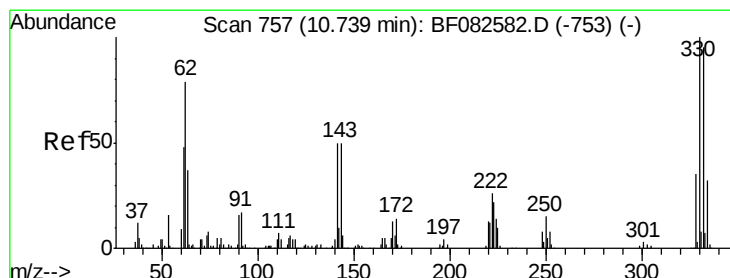
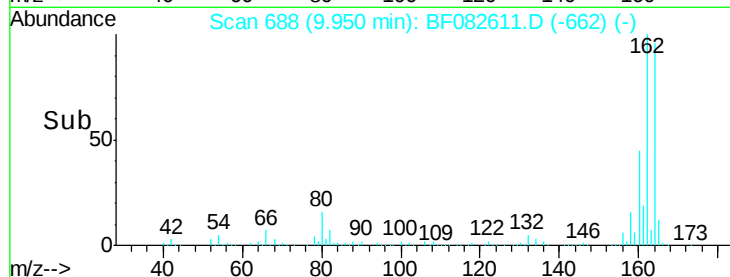
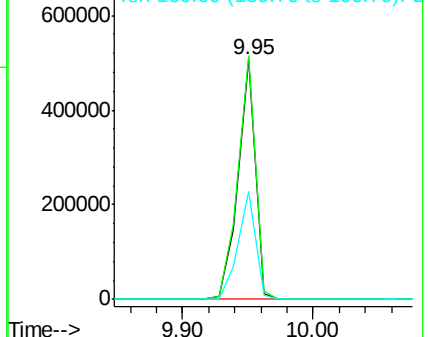
160 45.2 37.5 56.3



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: 125.54 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

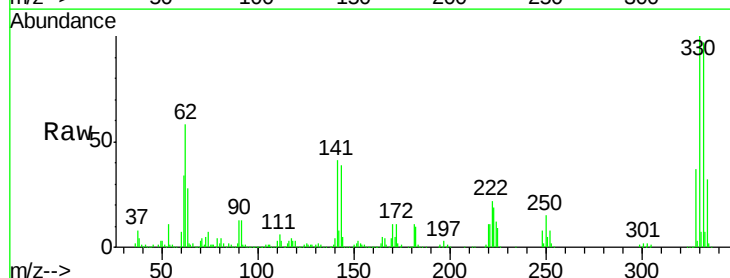
Tgt Ion:330 Resp: 631913

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

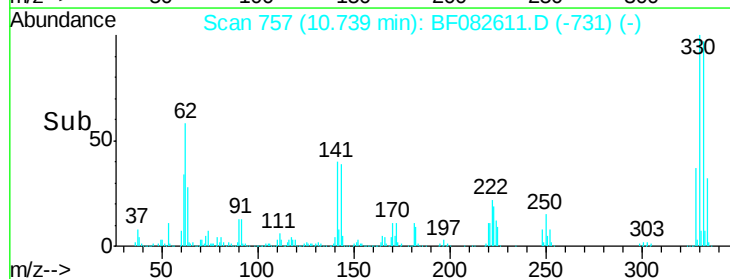
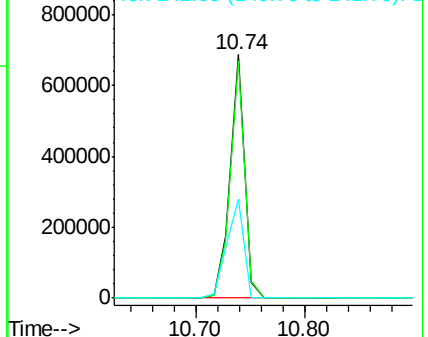
141 47.6 41.2 61.8

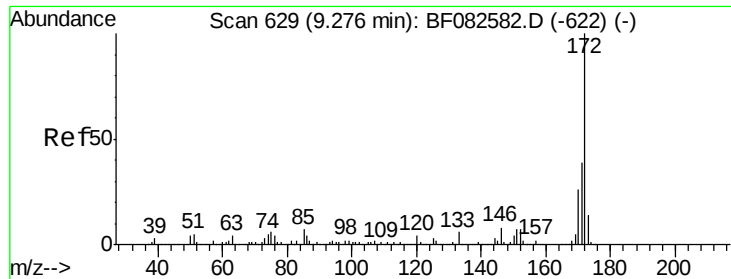


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

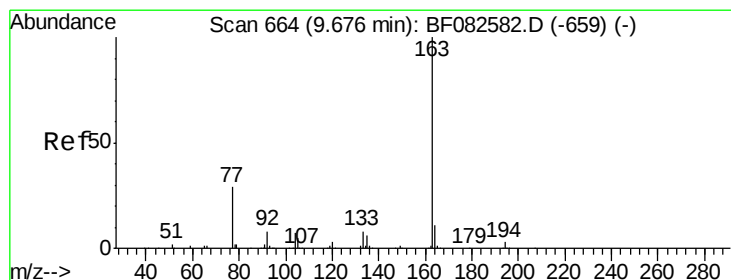
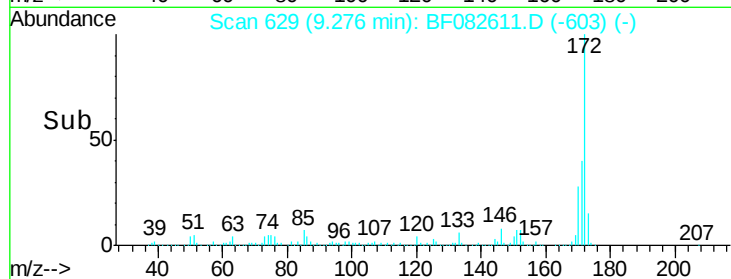
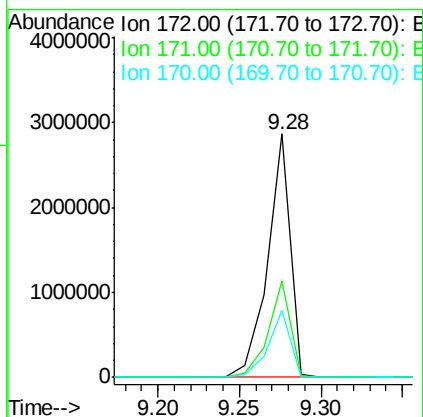
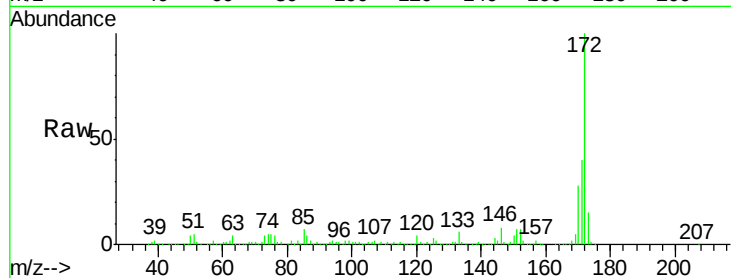




#44
2-Fluorobiphenyl
Concen: 85.03 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

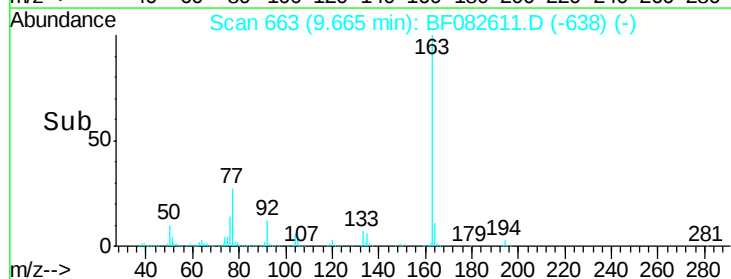
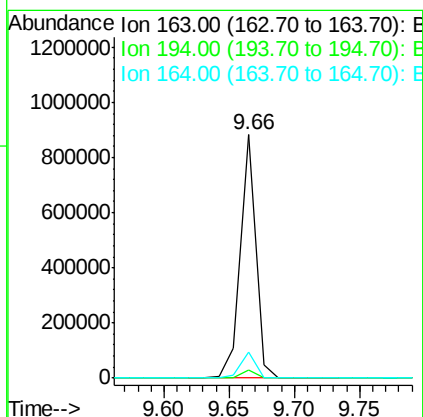
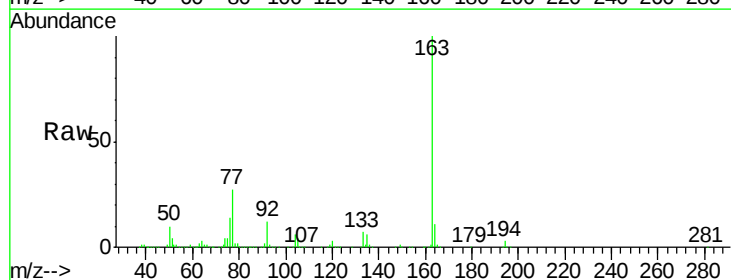
Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

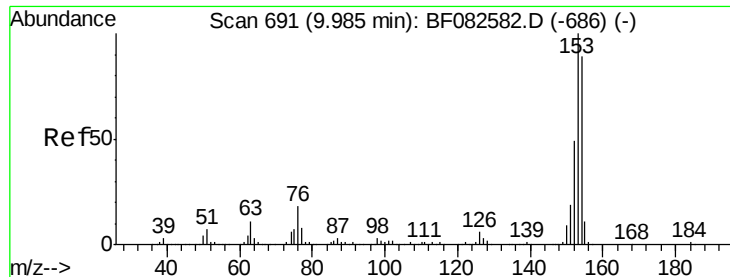
Tgt Ion:172 Resp: 2754505
Ion Ratio Lower Upper
172 100
171 39.5 30.8 46.2
170 27.5 21.2 31.8



#49
Dimethylphthalate
Concen: 19.06 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion:163 Resp: 716144
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.7 8.7 13.1





#51

Acenaphthene

Concen: 5.68 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

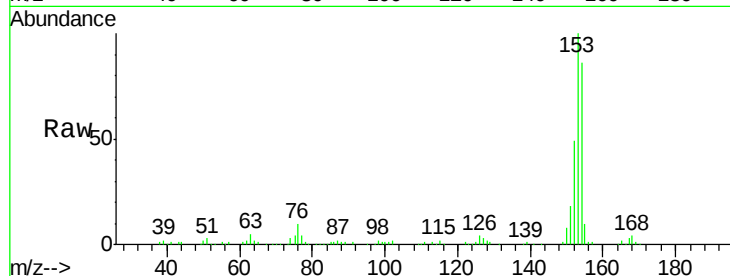
Tgt Ion:154 Resp: 174818

Ion Ratio Lower Upper

154 100

153 116.0 90.1 135.1

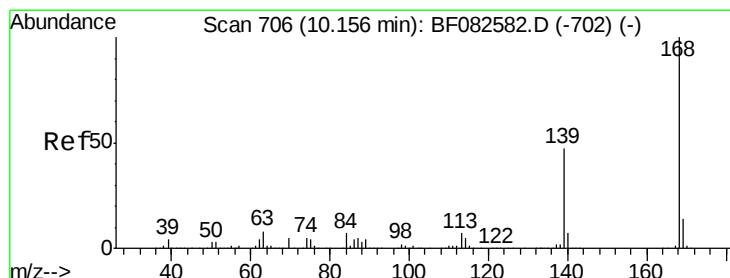
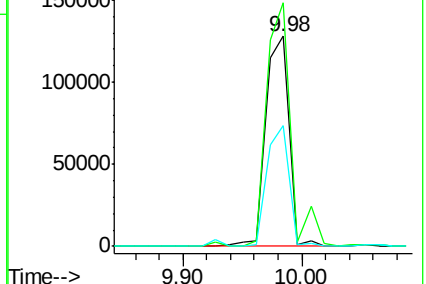
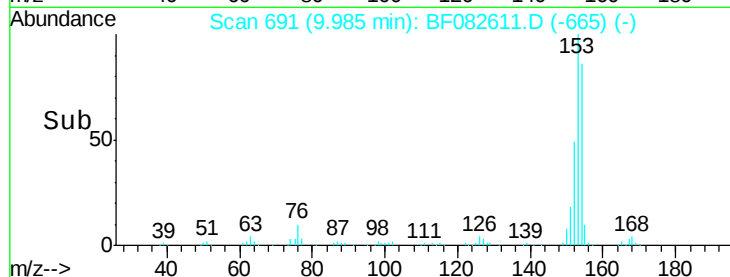
152 57.2 44.3 66.5



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

Dibenzofuran

Concen: 5.81 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

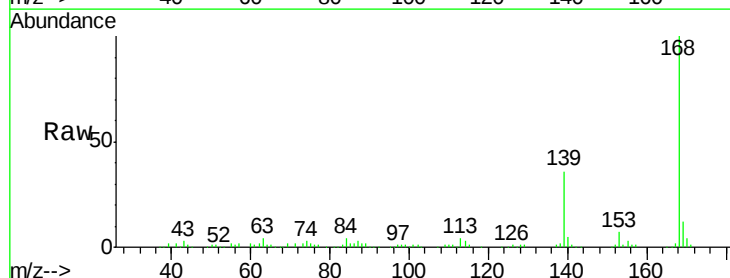
Tgt Ion:168 Resp: 242902

Ion Ratio Lower Upper

168 100

139 36.2 37.8 56.6#

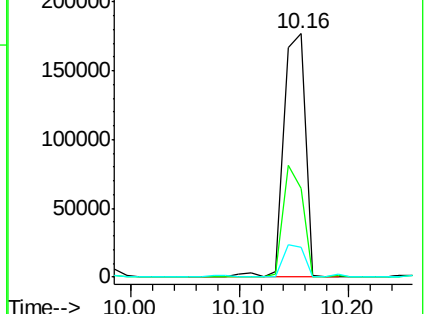
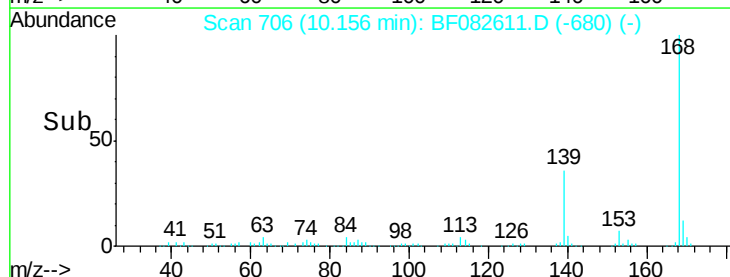
169 12.2 11.3 16.9

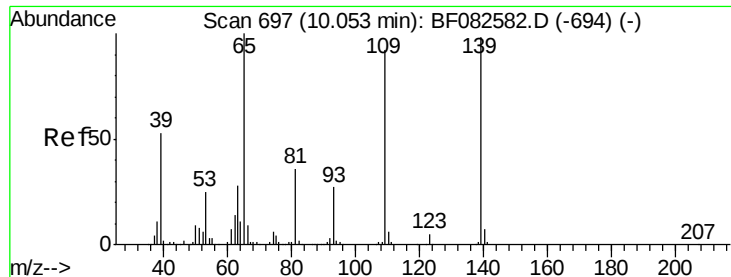


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 15.63 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.09 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

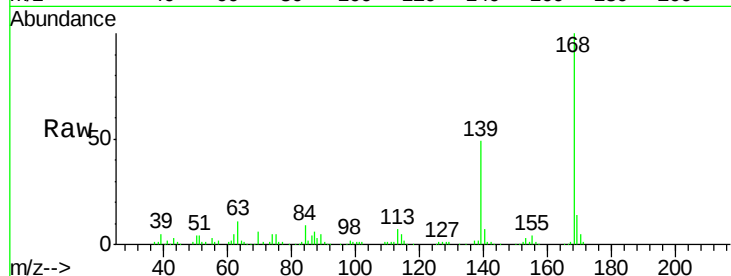
Tgt Ion:139 Resp: 101870

Ion Ratio Lower Upper

139 100

109 1.3 73.7 113.7#

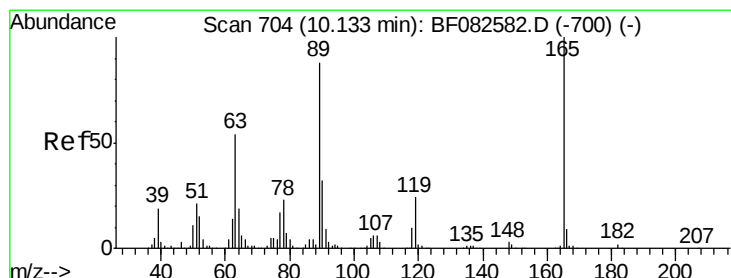
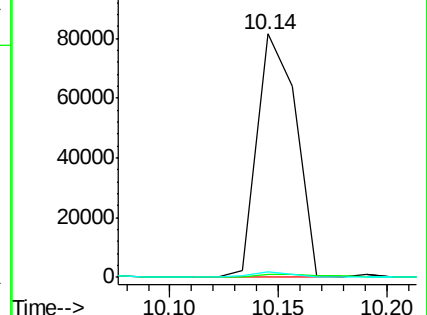
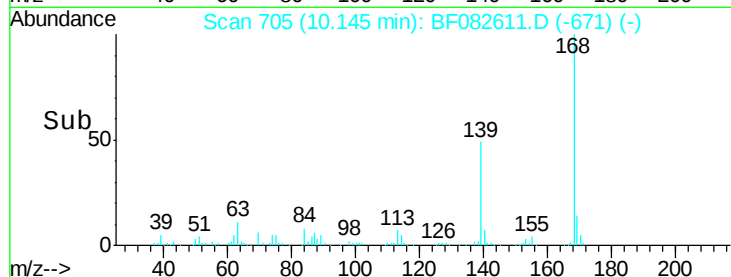
65 2.3 82.9 122.9#



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



#56

2,4-Dinitrotoluene

Concen: 5.78 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Tgt Ion:165 Resp: 60816

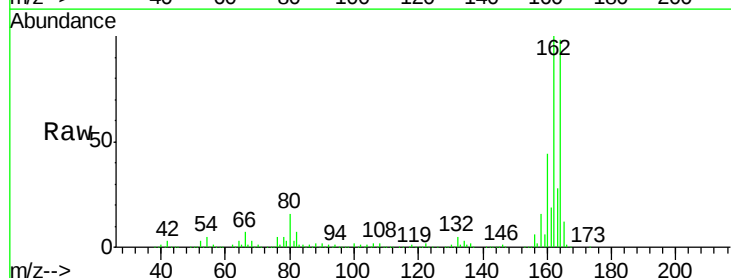
Ion Ratio Lower Upper

165 100

63 2.0 43.4 65.0#

89 2.0 70.6 106.0#

182 0.0 1.5 2.3#

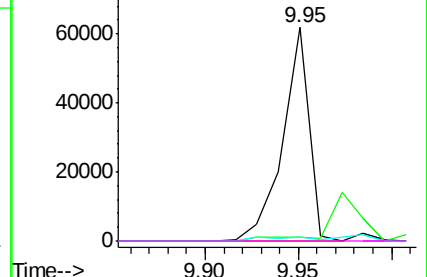
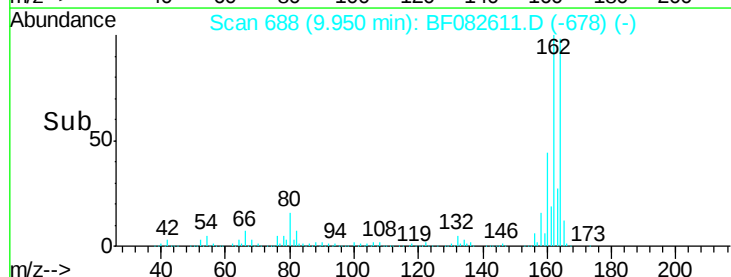


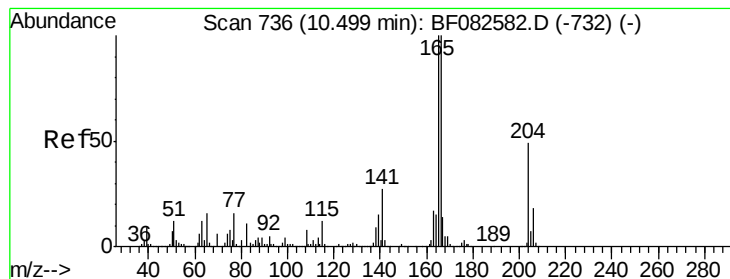
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 7.42 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

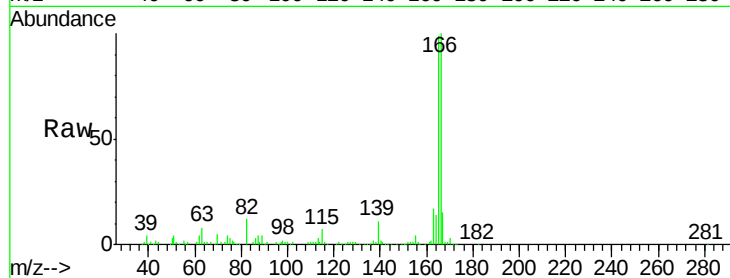
Tgt Ion:166 Resp: 250061

Ion Ratio Lower Upper

166 100

165 99.2 80.2 120.4

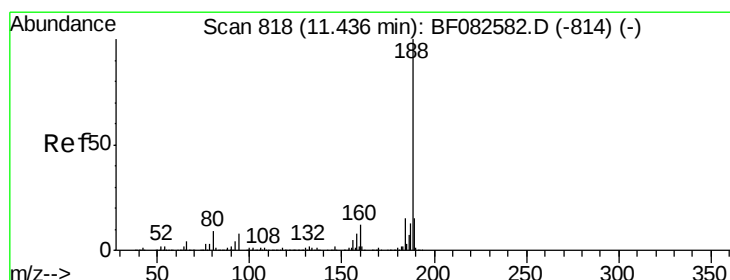
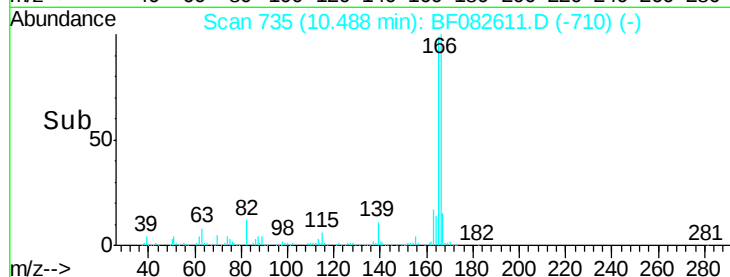
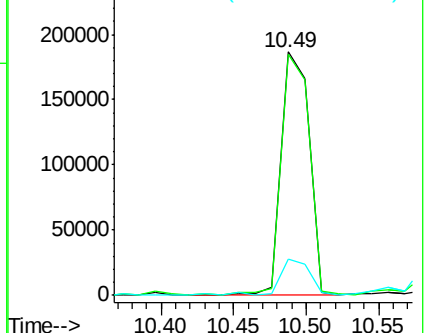
167 14.8 11.2 16.8



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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

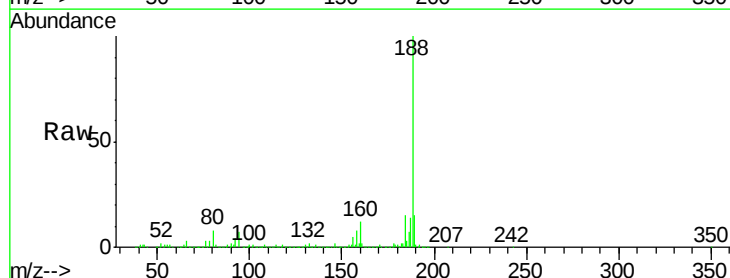
Tgt Ion:188 Resp: 757448

Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

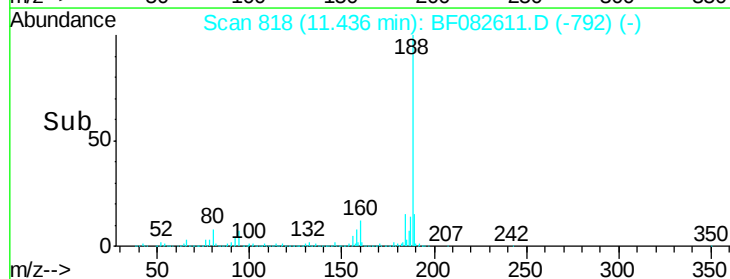
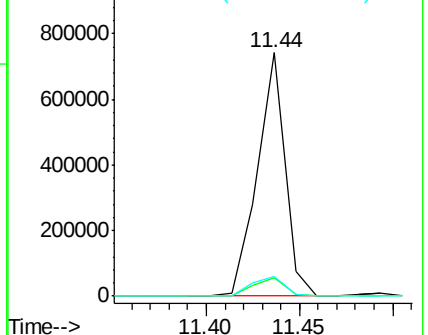
80 7.9 7.0 10.6

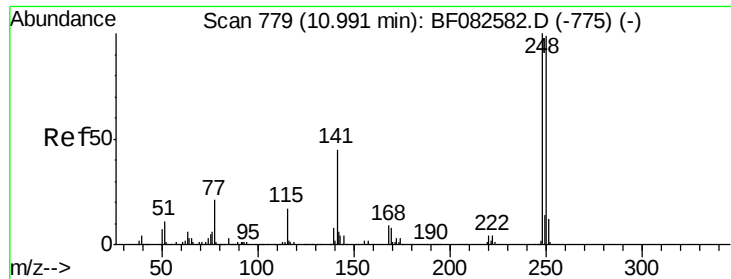


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

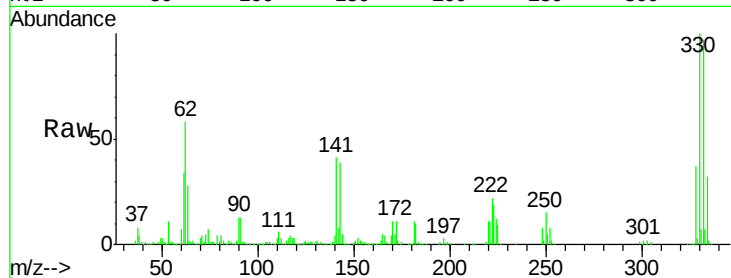




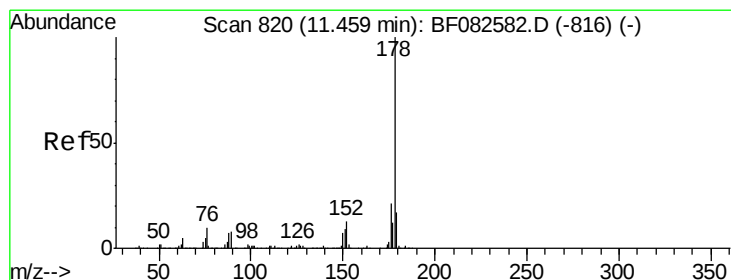
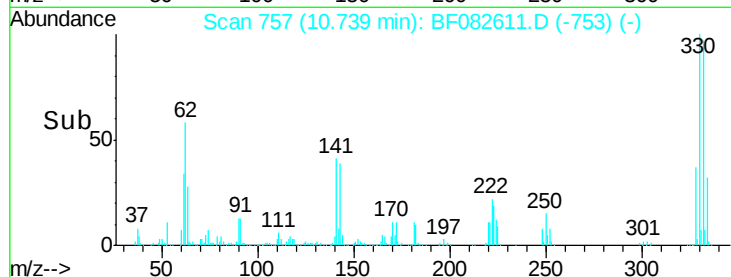
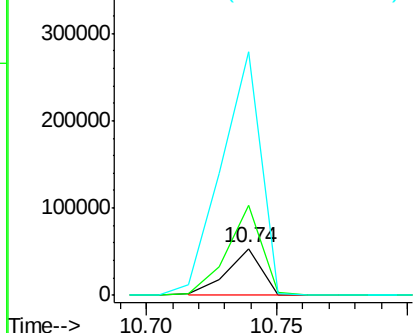
#66
 4-Bromophenyl-phenylether
 Concen: 5.79 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF082611.D
 Acq: 31 Oct 2015 10:15

Instrument :
 BNA_F
 ClientSampleId :
 S4-BOILERROOM2.5FTDEEP

Tgt Ion:248 Resp: 49714
 Ion Ratio Lower Upper
 248 100
 250 192.6 79.4 119.2#
 141 521.4 36.3 54.5#

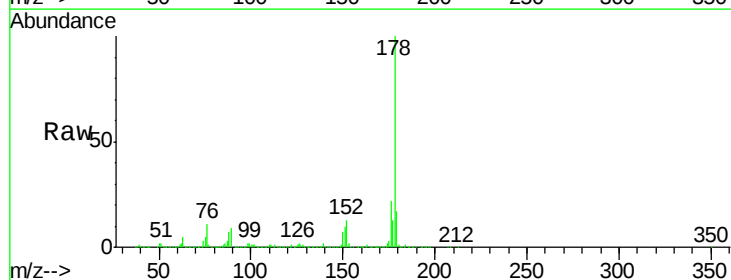


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

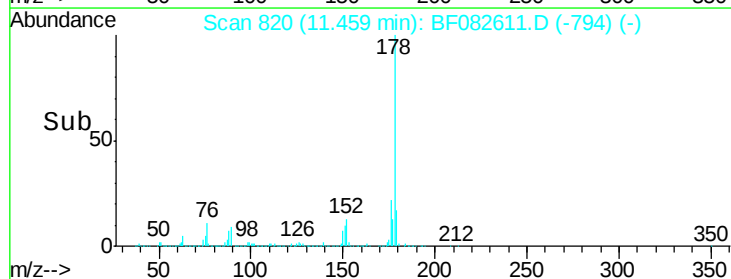
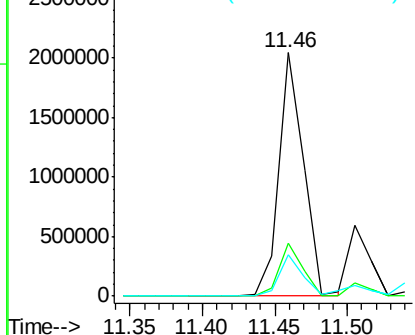


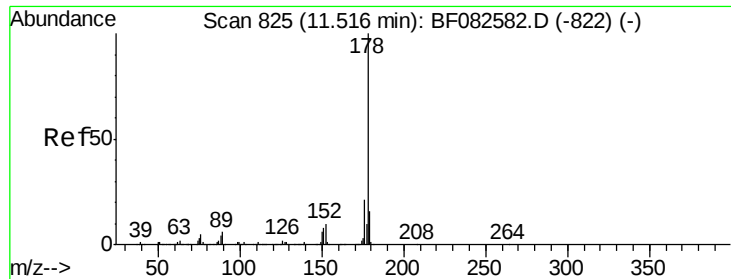
#70
 Phenanthrene
 Concen: 56.17 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082611.D
 Acq: 31 Oct 2015 10:15

Tgt Ion:178 Resp: 2399765
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.0 25.4
 179 17.0 13.4 20.0



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





#71

Anthracene

Concen: 14.75 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

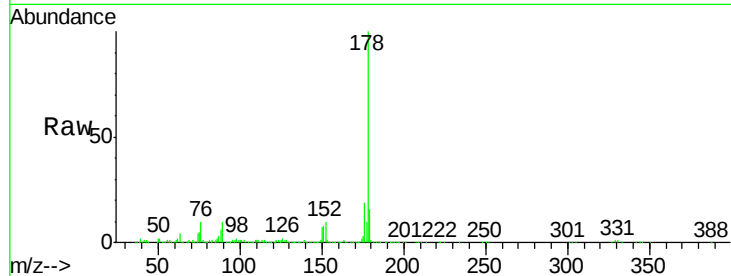
Tgt Ion:178 Resp: 634610

Ion Ratio Lower Upper

178 100

176 18.9 16.5 24.7

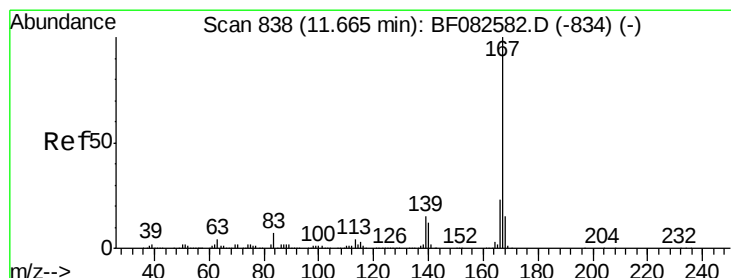
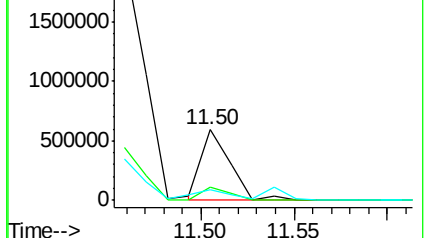
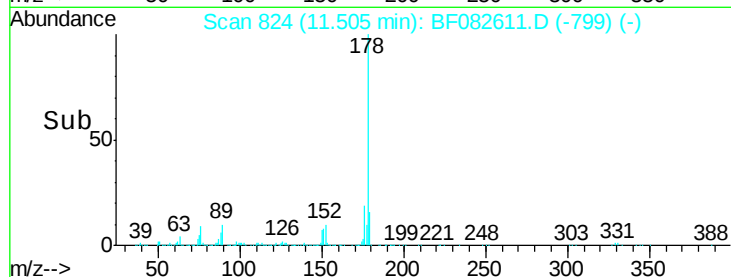
179 15.9 13.2 19.8



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: 14.74 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

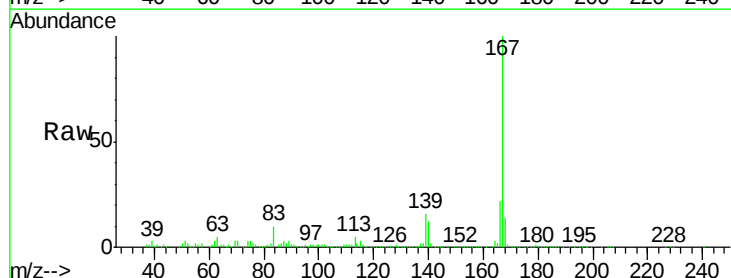
Tgt Ion:167 Resp: 552307

Ion Ratio Lower Upper

167 100

166 21.6 18.7 28.1

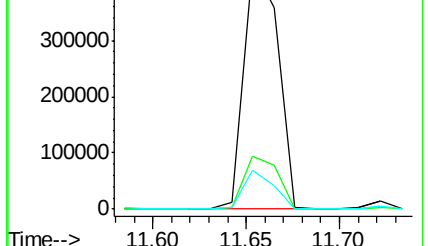
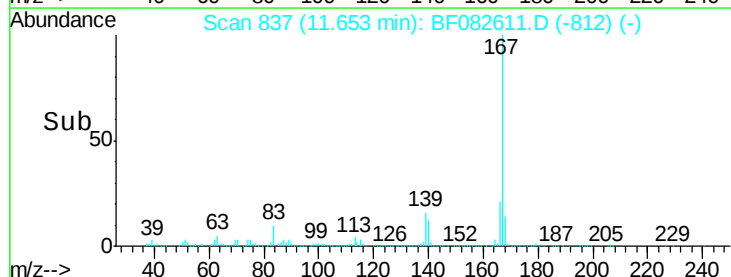
139 16.0 11.8 17.6

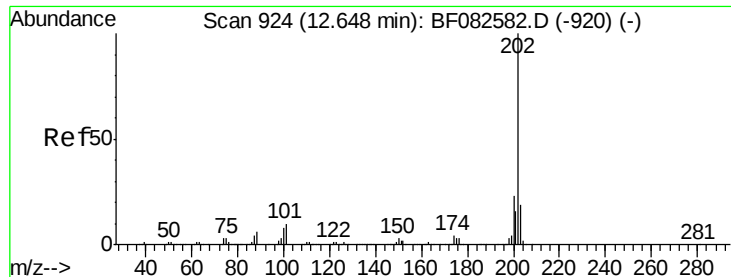


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 60.28 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

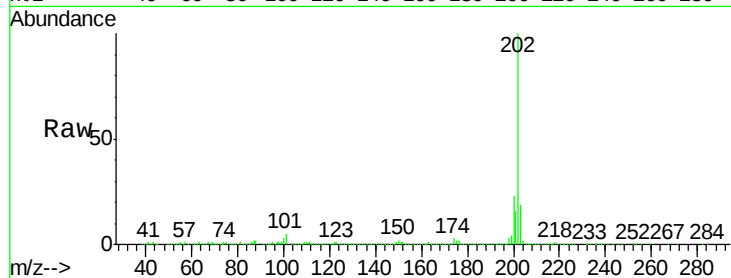
Tgt Ion:202 Resp: 2632818

Ion Ratio Lower Upper

202 100

101 4.7 0.0 30.5

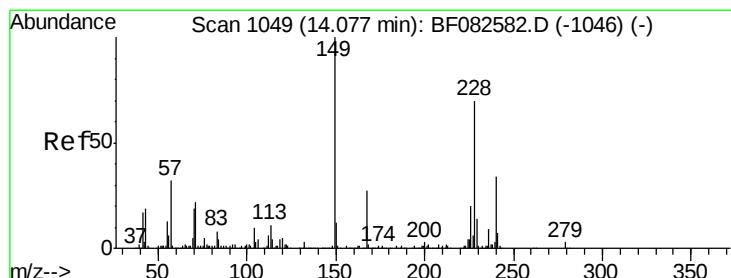
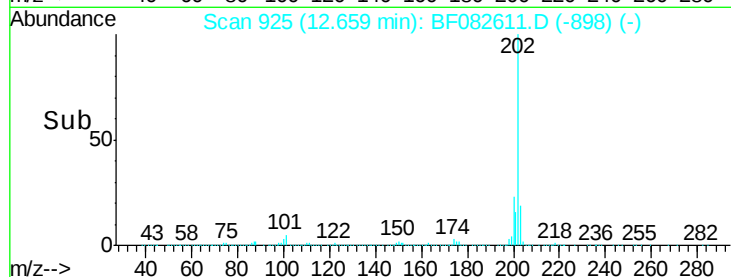
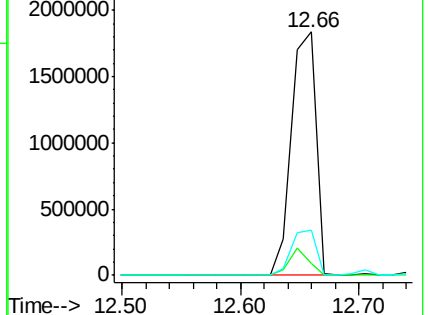
203 18.7 0.0 38.5



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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

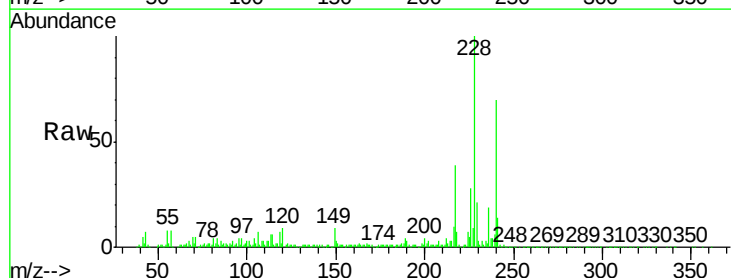
Tgt Ion:240 Resp: 473790

Ion Ratio Lower Upper

240 100

120 12.4 10.9 16.3

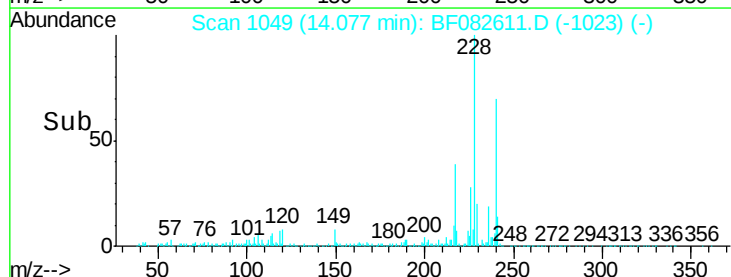
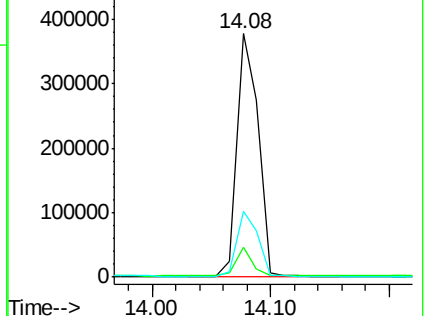
236 26.9 21.6 32.4

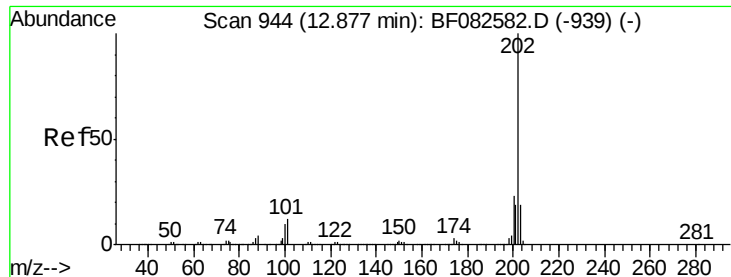


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 54.56 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

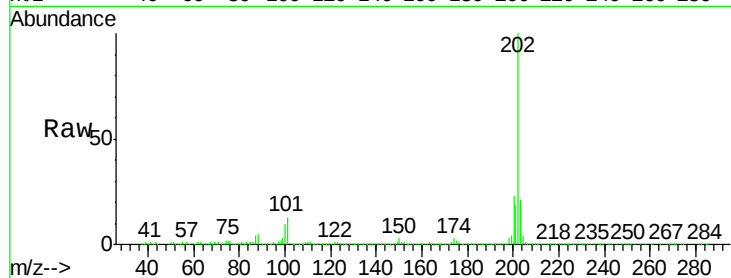
Tgt Ion:202 Resp: 1914189

Ion Ratio Lower Upper

202 100

200 23.1 18.7 28.1

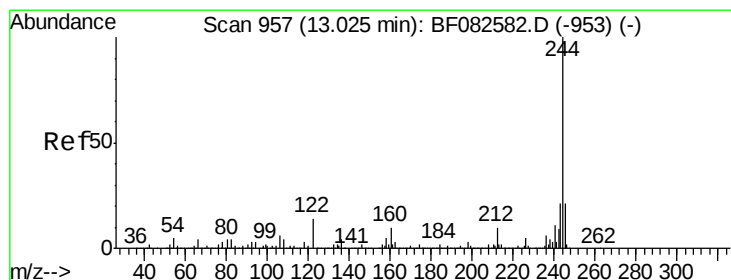
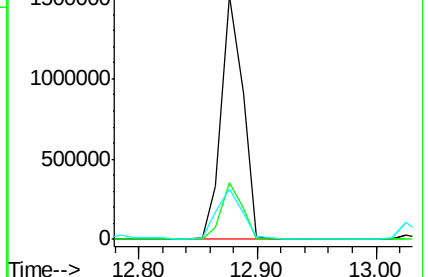
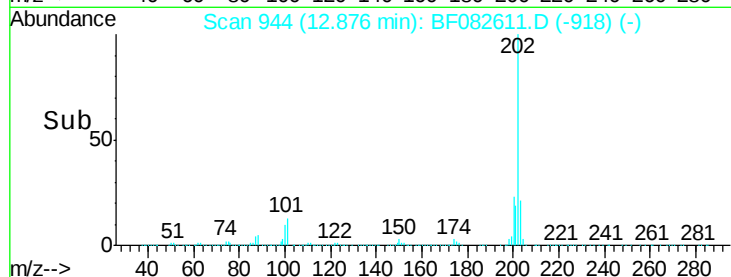
203 20.8 14.8 22.2



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: 107.09 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

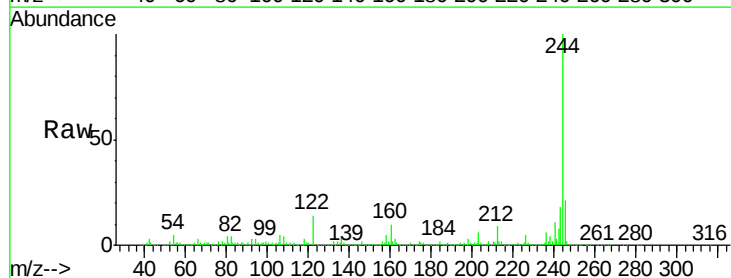
Tgt Ion:244 Resp: 2318388

Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

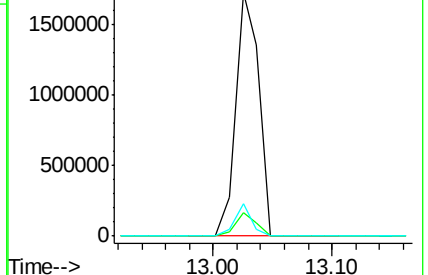
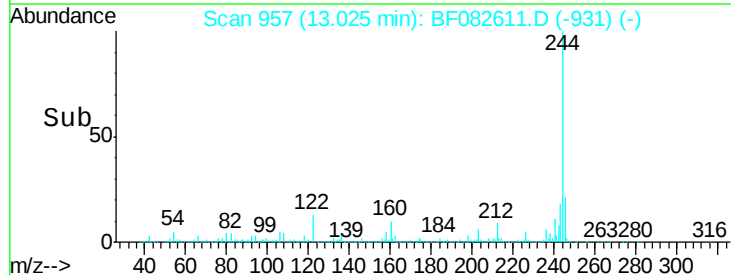
122 13.5 11.3 16.9

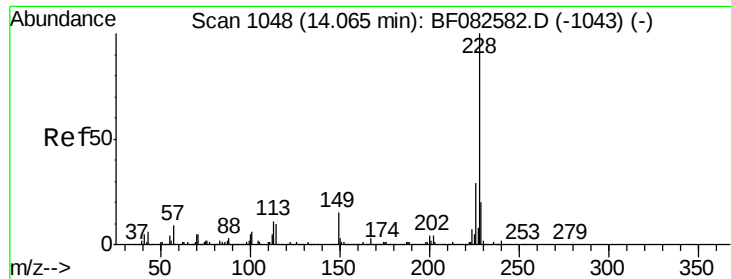


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

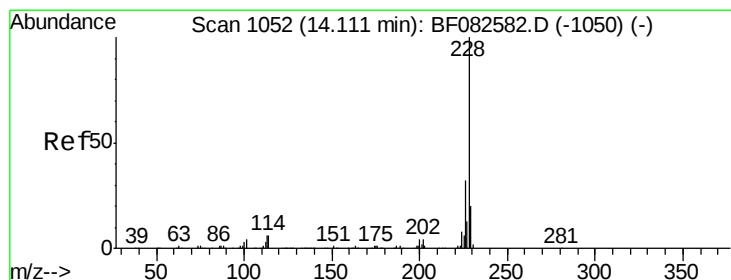
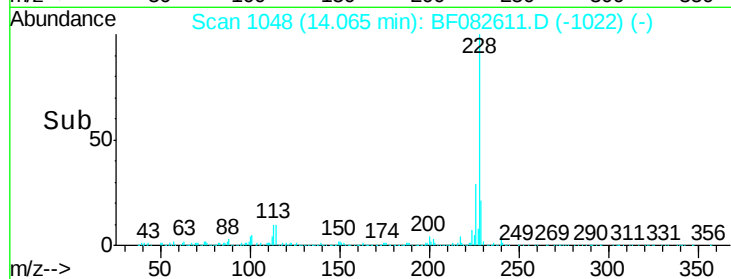
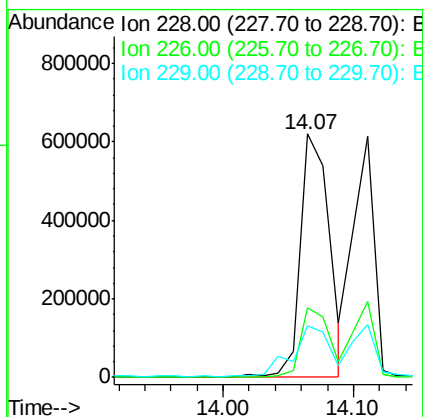
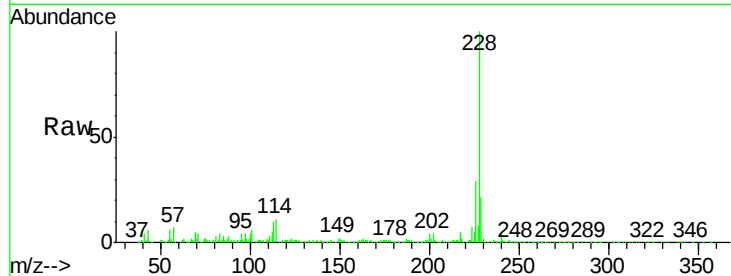




#80
Benzo(a)anthracene
Concen: 31.48 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

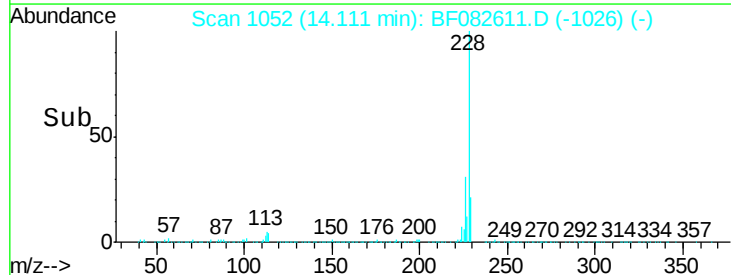
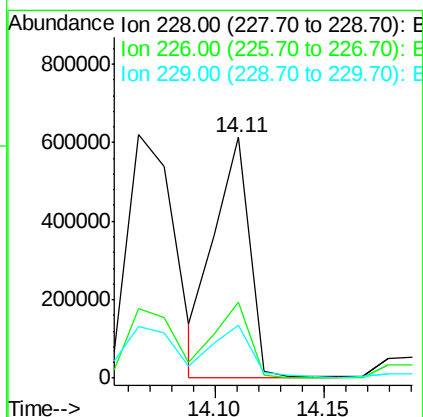
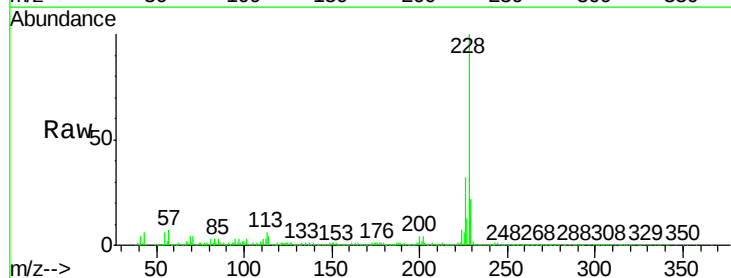
Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

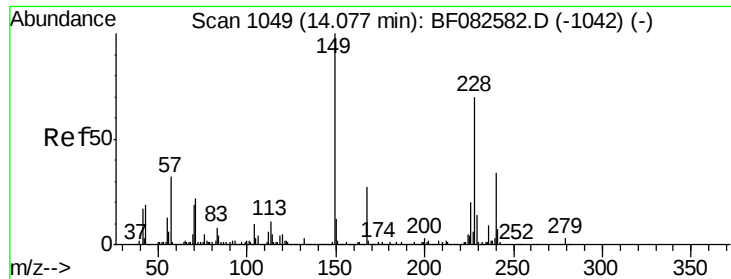
Tgt Ion:228 Resp: 947446
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 21.0 16.3 24.5



#82
Chrysene
Concen: 25.03 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion:228 Resp: 682723
Ion Ratio Lower Upper
228 100
226 31.8 25.5 38.3
229 22.2 16.3 24.5

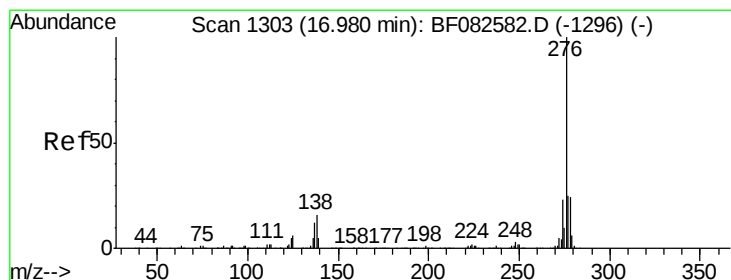
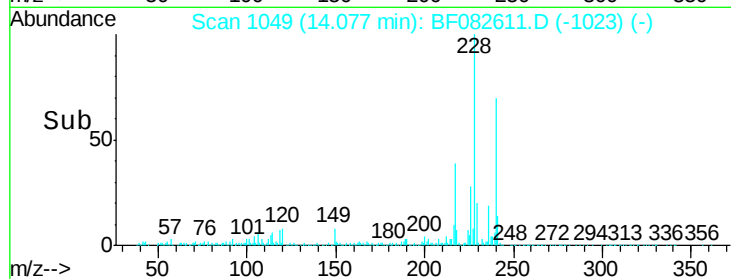
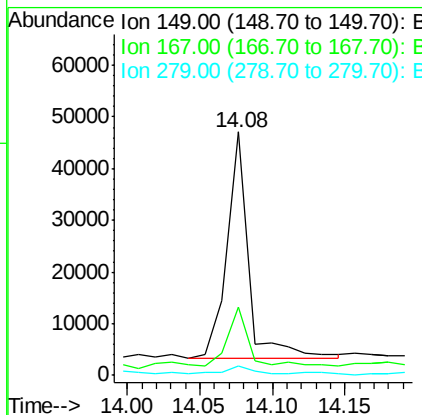
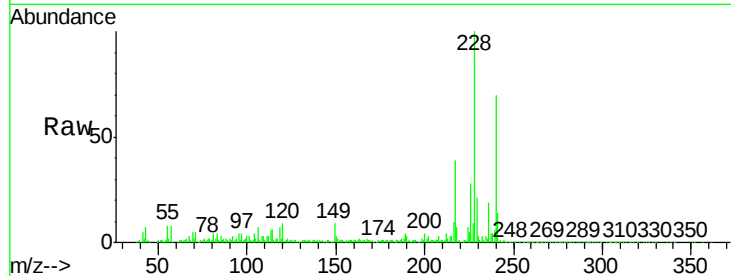




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.28 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082611.D
 Acq: 31 Oct 2015 10:15

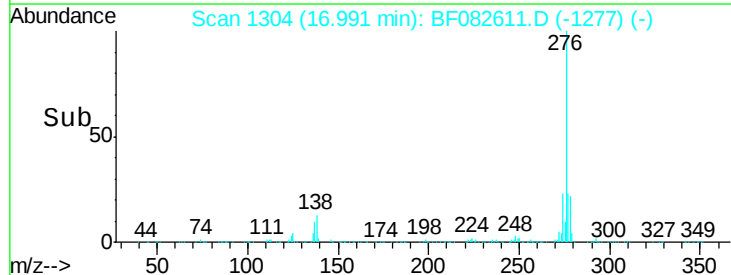
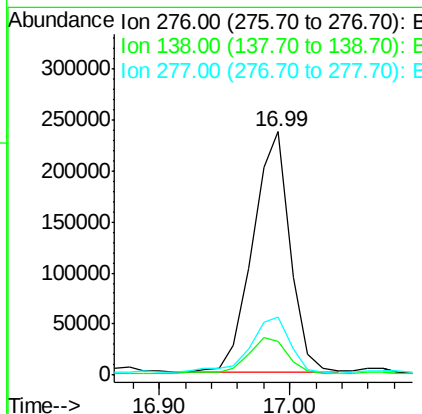
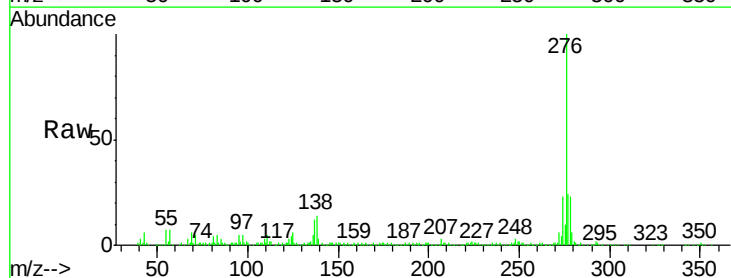
Instrument :
 BNA_F
 ClientSampleId :
 S4-BOILERROOM2.5FTDEEP

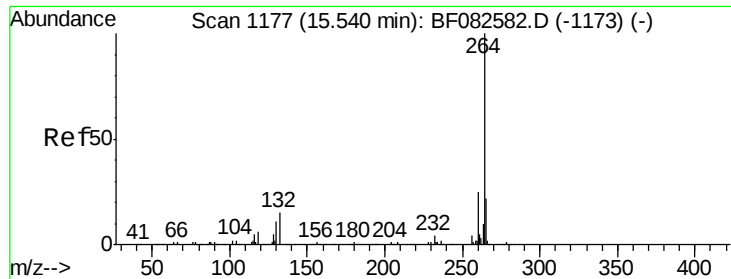
Tgt Ion:149 Resp: 45350
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.2 31.8
 279 3.7 2.2 3.2#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.03 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF082611.D
 Acq: 31 Oct 2015 10:15

Tgt Ion:276 Resp: 473486
 Ion Ratio Lower Upper
 276 100
 138 15.6 15.3 22.9
 277 26.1 20.2 30.4

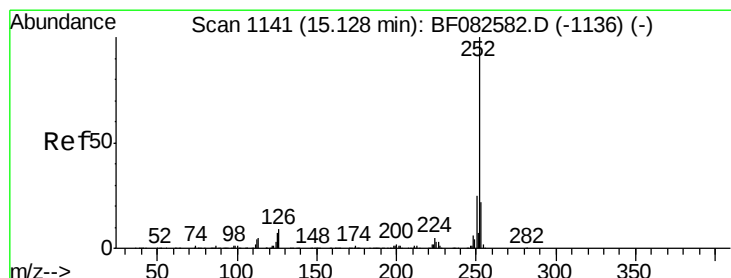
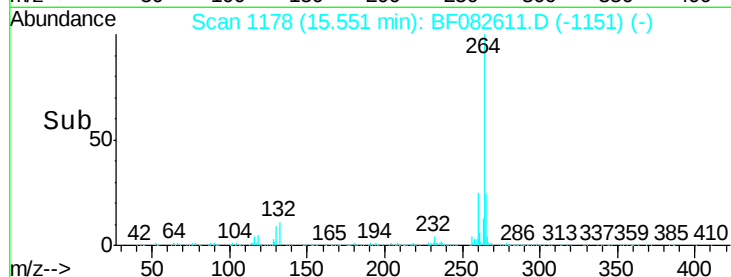
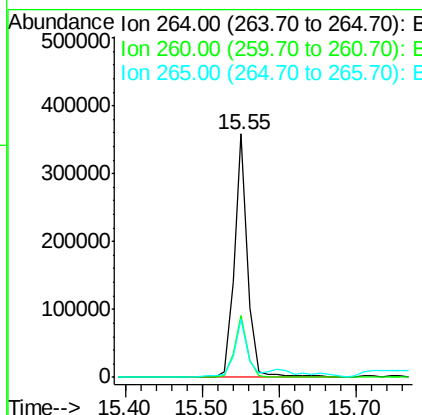
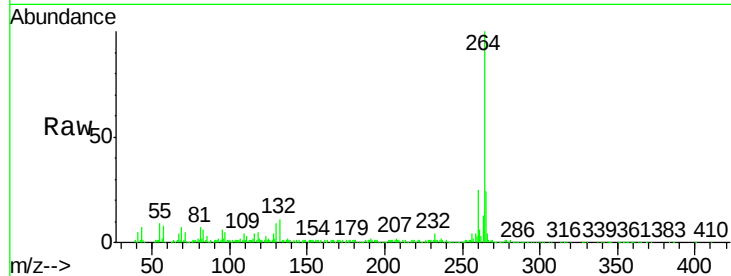




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

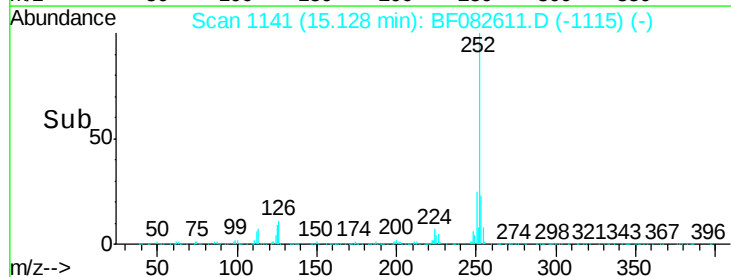
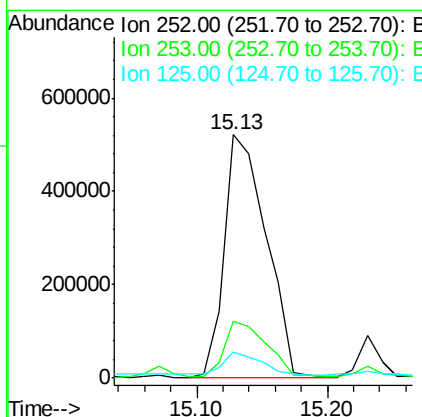
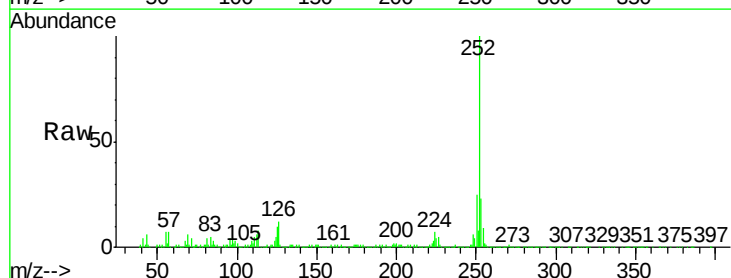
Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

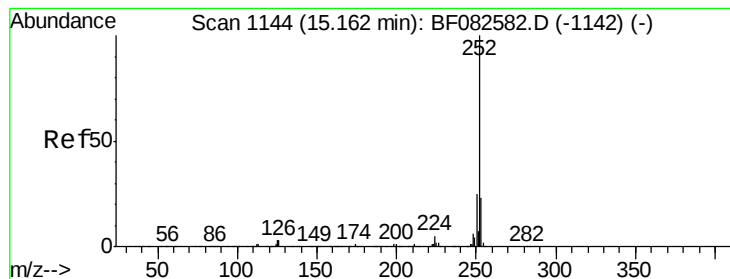
Tgt Ion:264 Resp: 435576
Ion Ratio Lower Upper
264 100
260 25.3 19.8 29.6
265 23.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 38.73 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion:252 Resp: 1163220
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.5 5.4 8.2#





#88

Benzo(k)fluoranthene

Concen: 50.84 ng

RT: 15.13 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

Instrument :

BNA_F

ClientSampleId :

S4-BOILERROOM2.5FTDEEP

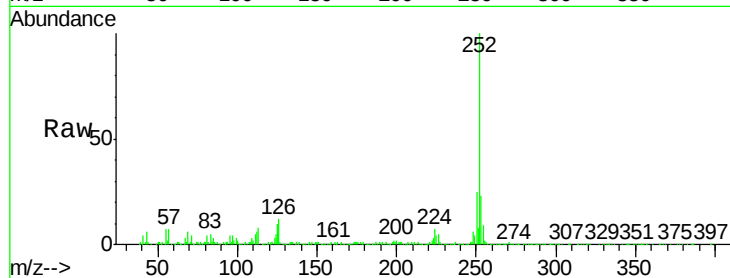
Tgt Ion:252 Resp: 1163220

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

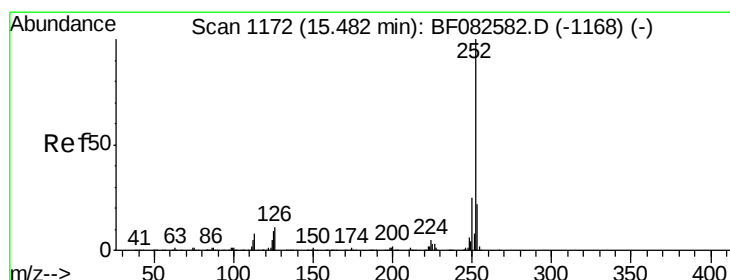
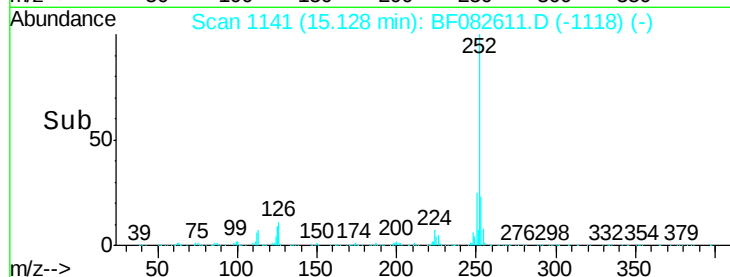
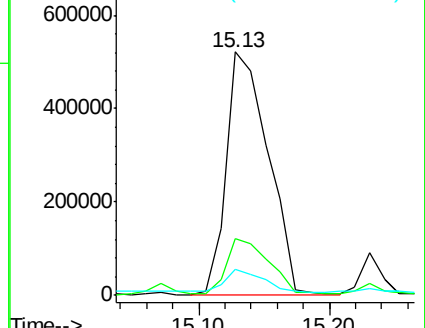
125 10.5 3.5 5.3#



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: 23.81 ng

RT: 15.49 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF082611.D

Acq: 31 Oct 2015 10:15

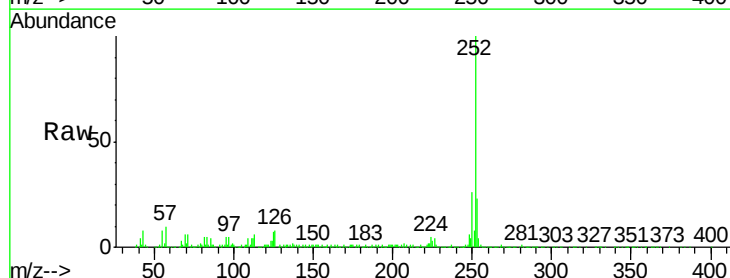
Tgt Ion:252 Resp: 563160

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

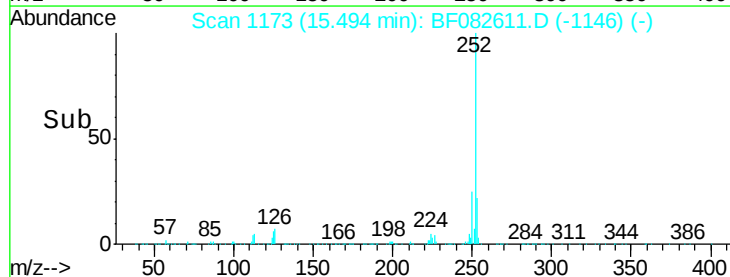
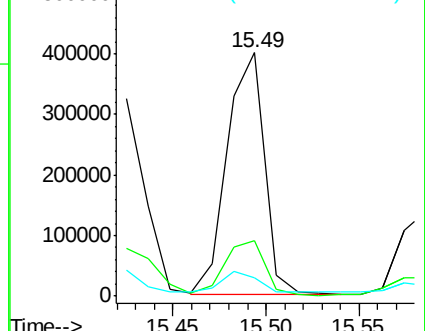
125 7.4 7.1 10.7

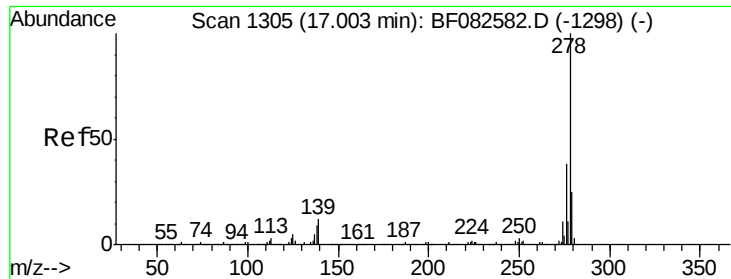


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

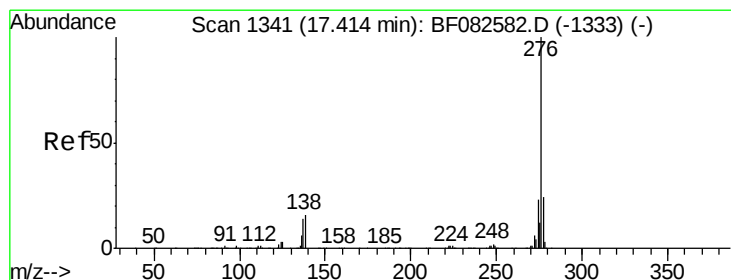
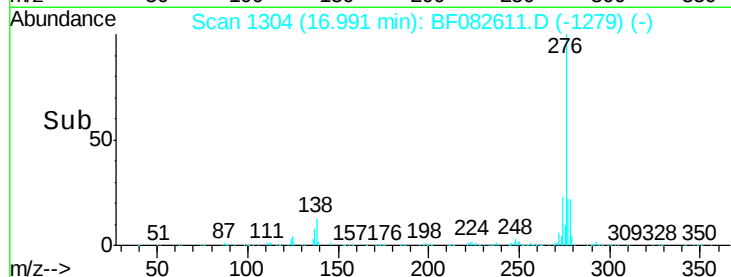
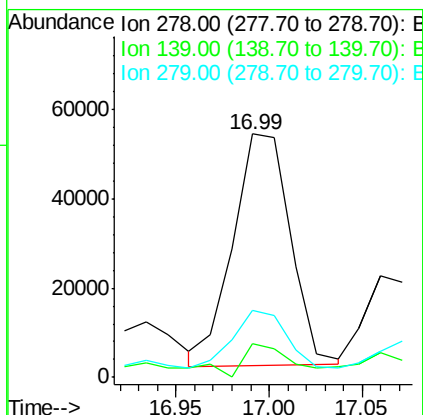
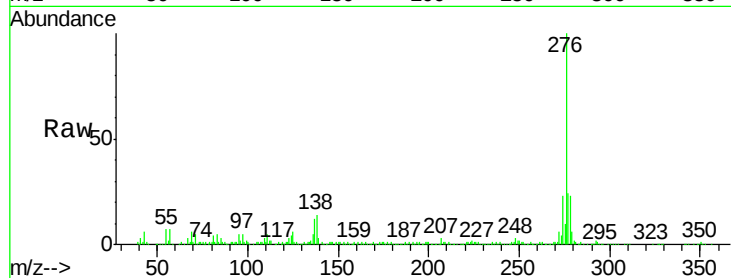




#90
Dibenzo(a,h)anthracene
Concen: 5.06 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Instrument :
BNA_F
ClientSampleId :
S4-BOILERROOM2.5FTDEEP

Tgt Ion: 278 Resp: 111573
Ion Ratio Lower Upper
278 100
139 13.9 9.9 14.9
279 27.5 19.6 29.4



#91
Benzo(g,h,i)perylene
Concen: 21.71 ng
RT: 17.41 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF082611.D
Acq: 31 Oct 2015 10:15

Tgt Ion: 276 Resp: 464423
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 16.1 13.1 19.7

