

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082573.D
 Acq On : 28 Oct 2015 4:35
 Operator : UM/IZ
 Sample : G4178-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 05:42:09 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	83400	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	317586	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	152234	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	258628	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	168282	20.00	ng	-0.02
86) Perylene-d12	15.32	264	185069	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	592524	140.25	ng	0.00
7) Phenol-d6	6.38	99	808844	146.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	501583	101.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	155866	136.73	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	874371	91.33	ng	-0.02
78) Terphenyl-d14	12.82	244	666103	114.04	ng	-0.02

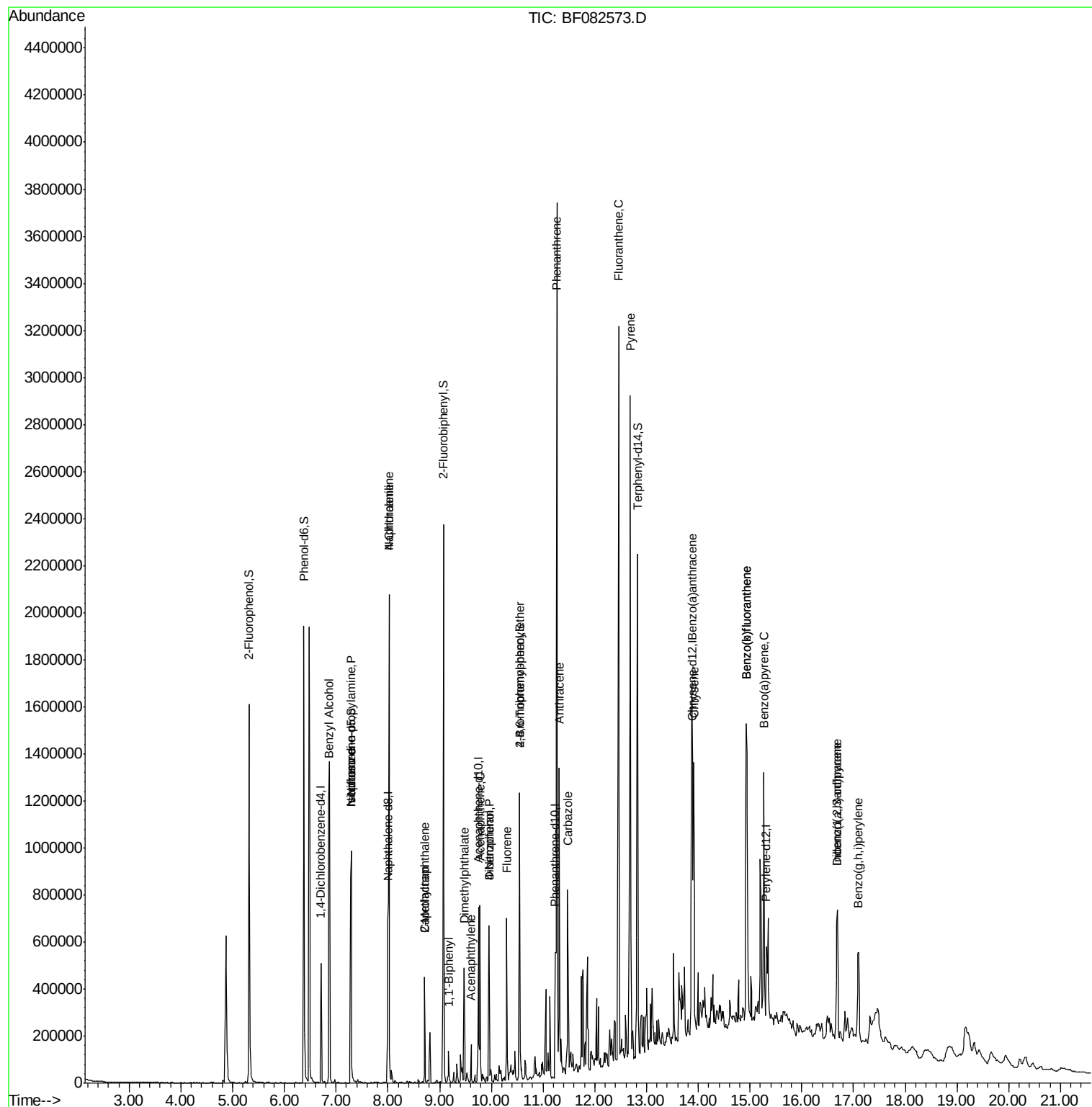
Target Compounds				Qvalue			
9) Benzaldehyde	6.38	77	1038	Below Cal	#	24	
15) Benzyl Alcohol	6.86	79	8311	2.17	ng	#	59
19) n-Nitroso-di-n-propylamine	7.29	70	66203	18.46	ng	#	73
25) Isophorone	7.29	82	472048	48.27	ng	#	64
31) Naphthalene	8.02	128	994271	68.51	ng		98
33) 4-Chloroaniline	8.02	127	136123	24.19	ng	#	35
35) Caprolactam	8.71	113	2713	2.27	ng	#	1
37) 2-Methylnaphthalene	8.71	142	124932	12.74	ng		98
45) 1,1'-Biphenyl	9.18	154	46496	4.10	ng		99
48) Acenaphthylene	9.61	152	62598	4.38	ng		97
49) Dimethylphthalate	9.47	163	213530	20.16	ng		99
51) Acenaphthene	9.78	154	162429	19.80	ng		98
54) Dibenzofuran	9.95	168	264241	22.08	ng		96
55) 4-Nitrophenol	9.95	139	98413	81.69	ng	#	12
57) Fluorene	10.30	166	196534	20.00	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	11820	4.87	ng	#	1
70) Phenanthrene	11.27	178	1846212	138.71	ng		97
71) Anthracene	11.32	178	533900	39.83	ng		99
72) Carbazole	11.48	167	391783	33.15	ng		98
74) Fluoranthene	12.46	202	1746339	127.82	ng		98
77) Pyrene	12.69	202	1385988	133.90	ng		98
80) Benzo(a)anthracene	13.88	228	749499	83.08	ng		97
82) Chrysene	13.91	228	456503	53.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	389747	49.78	ng		93
87) Benzo(b)fluoranthene	14.93	252	1102846	100.35	ng	#	97
88) Benzo(k)fluoranthene	14.93	252	1102846	123.09	ng		98
89) Benzo(a)pyrene	15.27	252	548254	57.58	ng	#	95
90) Dibenzo(a,h)anthracene	16.69	278	96659	12.13	ng	#	81
91) Benzo(g,h,i)perylene	17.10	276	337349	42.80	ng		96

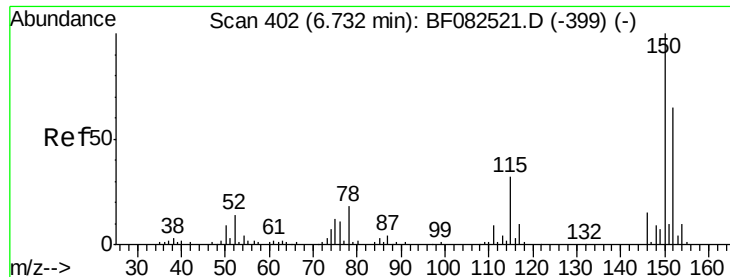
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

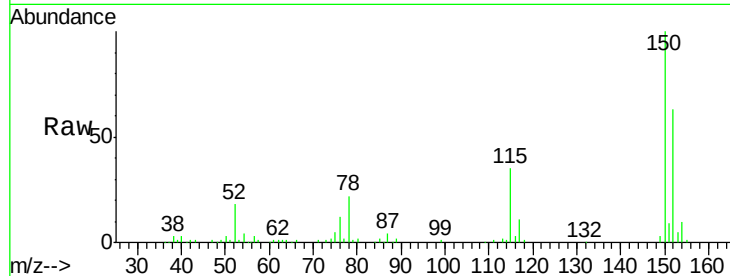
Tgt Ion:152 Resp: 83400

Ion Ratio Lower Upper

152 100

150 159.6 123.4 185.0

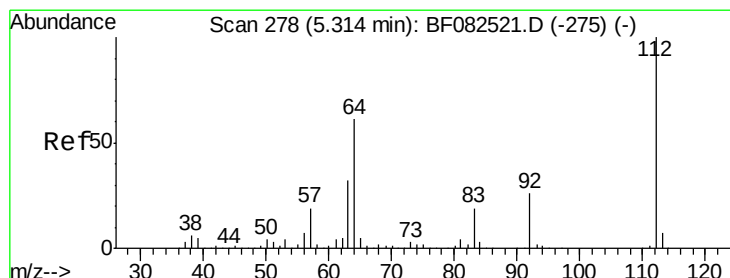
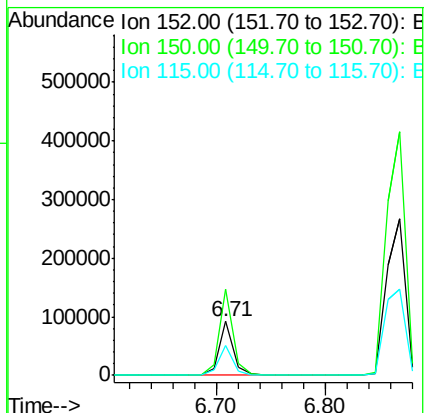
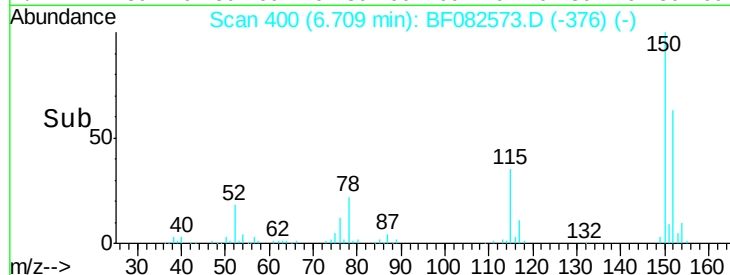
115 55.5 39.0 58.4



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: 140.25 ng

RT: 5.31 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

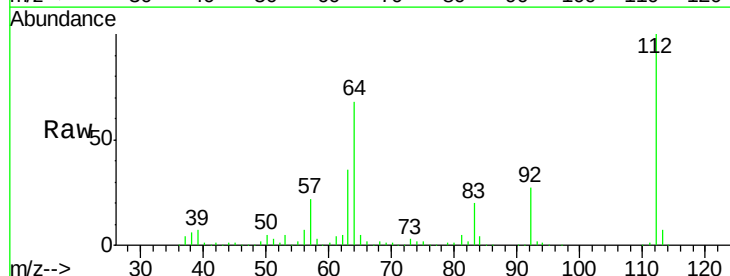
Tgt Ion:112 Resp: 592524

Ion Ratio Lower Upper

112 100

64 68.1 49.0 73.4

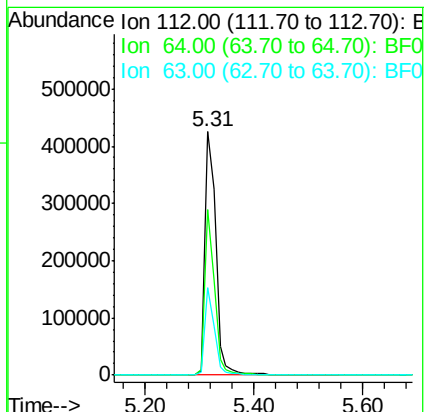
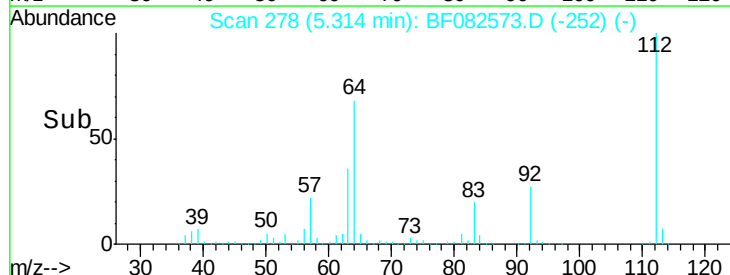
63 36.0 25.8 38.6

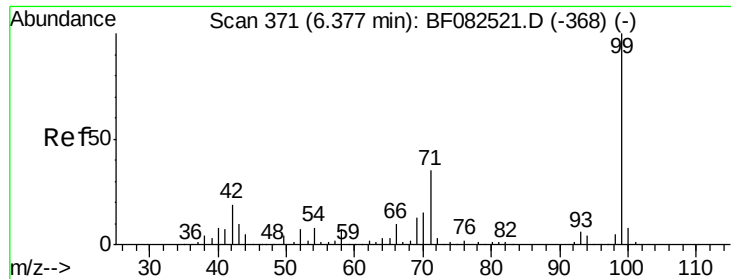


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.90 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

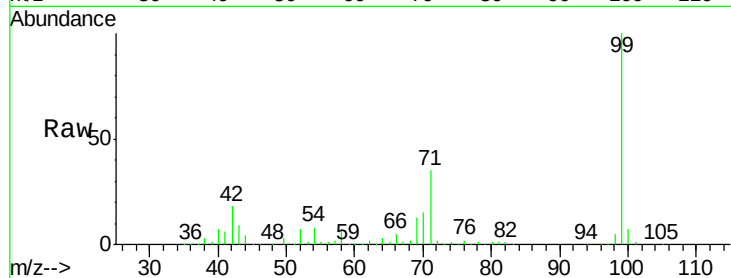
Tgt Ion: 99 Resp: 808844

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

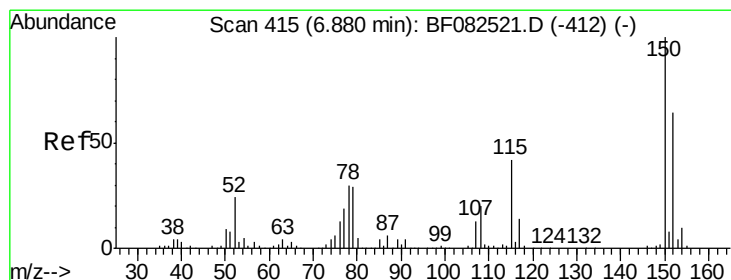
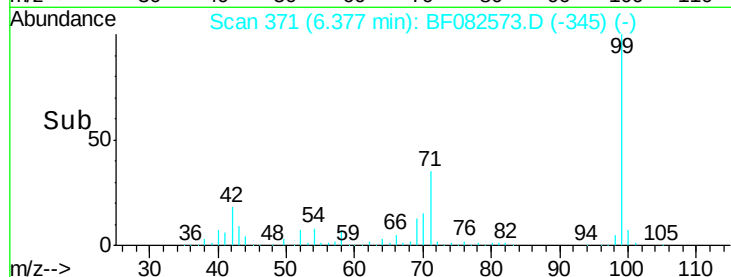
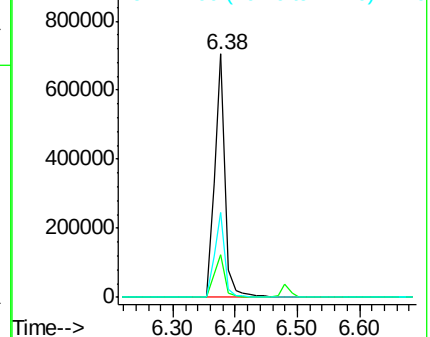
71 34.8 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

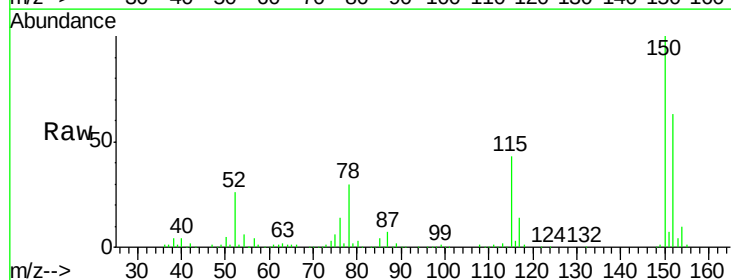
Tgt Ion: 79 Resp: 8311

Ion Ratio Lower Upper

79 100

108 27.9 55.0 82.6#

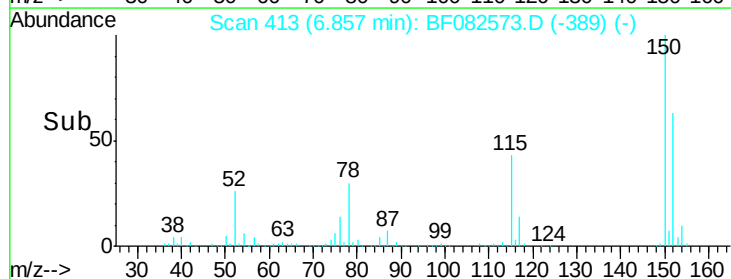
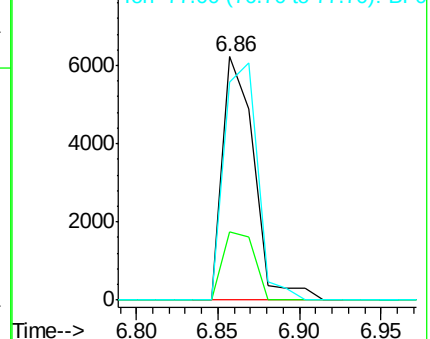
77 89.8 52.5 78.7#

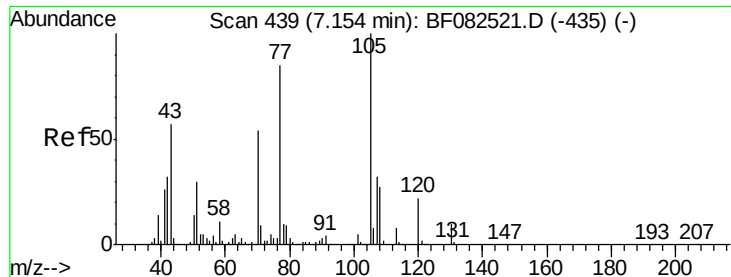


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.46 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

Tgt Ion: 70 Resp: 66203

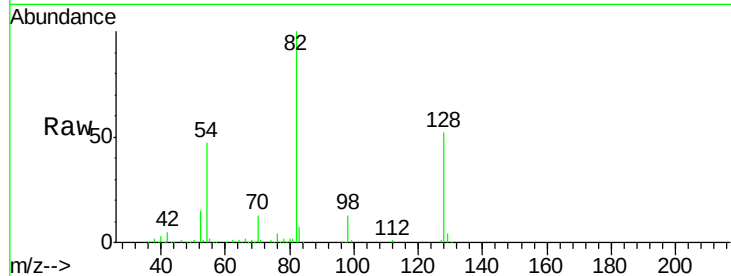
Ion Ratio Lower Upper

70 100

42 40.2 46.9 70.3#

101 0.0 7.4 11.2#

130 2.6 14.2 21.4#

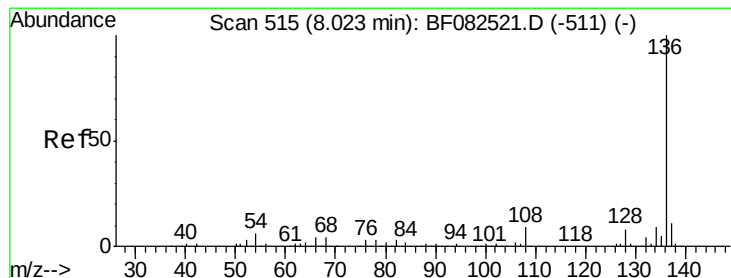
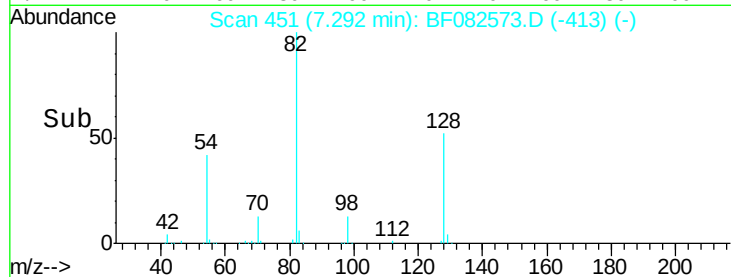
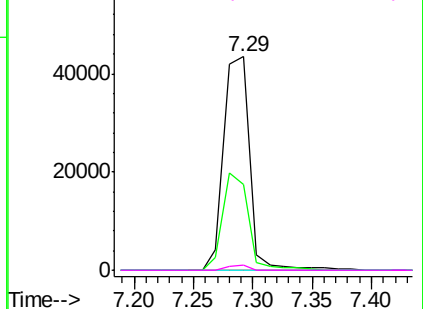


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Tgt Ion: 136 Resp: 317586

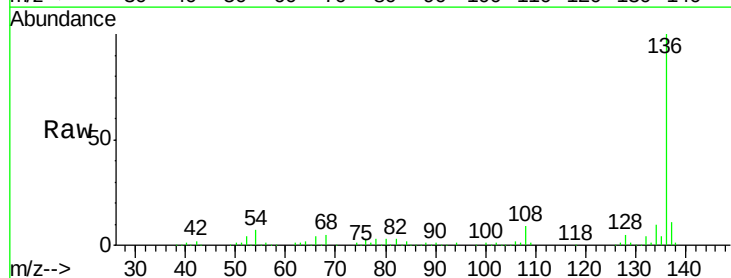
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.1 4.6 7.0#

68 4.7 3.2 4.8

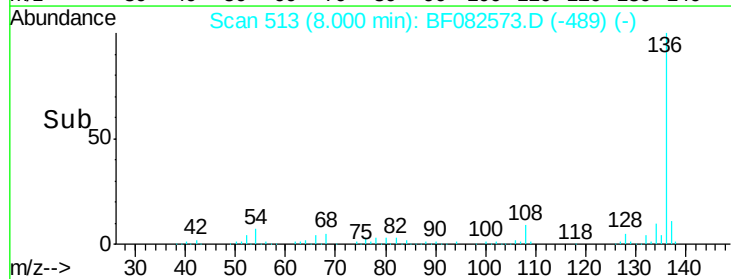
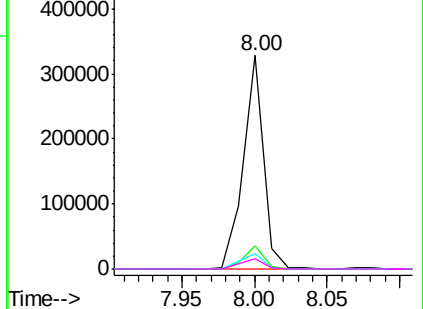


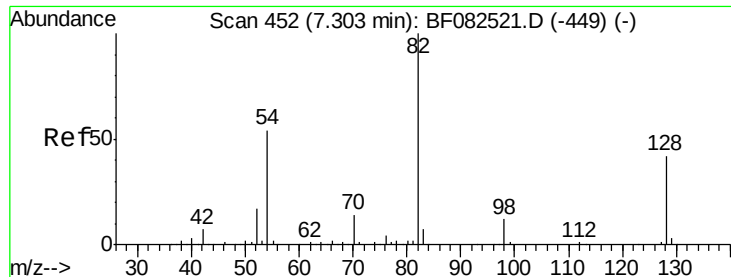
Abundance Ion 136.00 (135.70 to 136.70): E

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

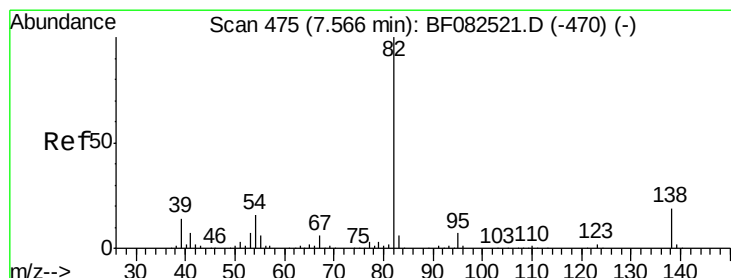
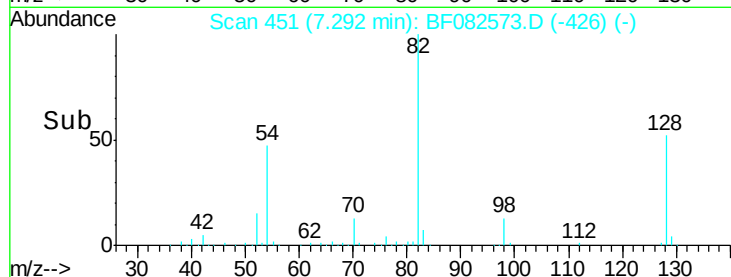
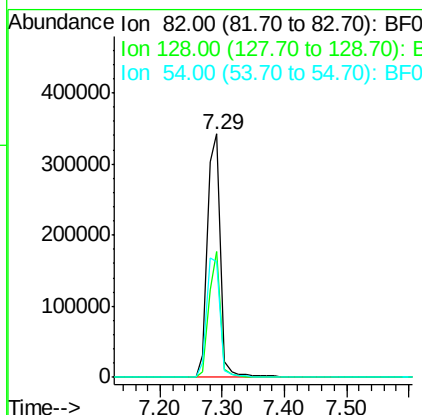
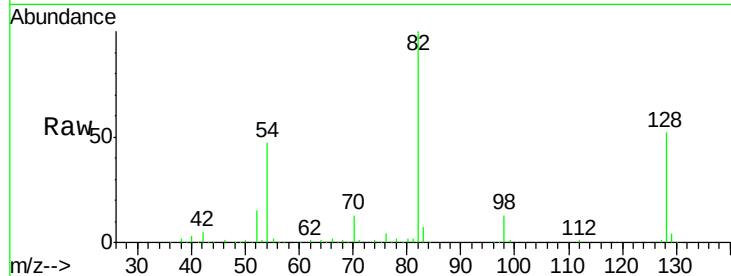




#23
 Nitrobenzene-d5
 Concen: 101.89 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

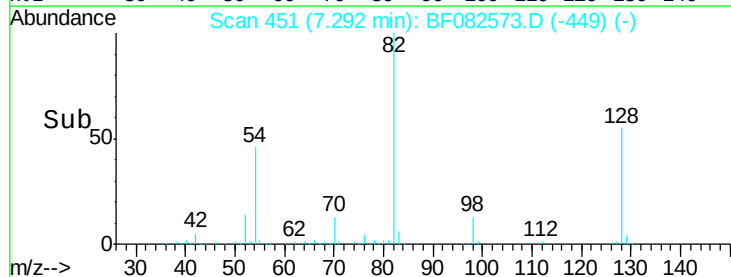
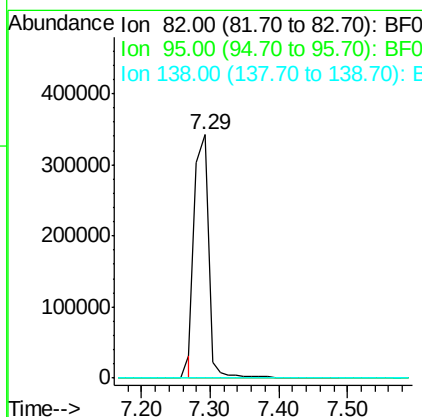
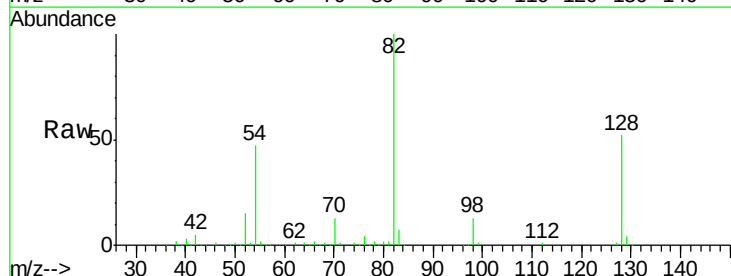
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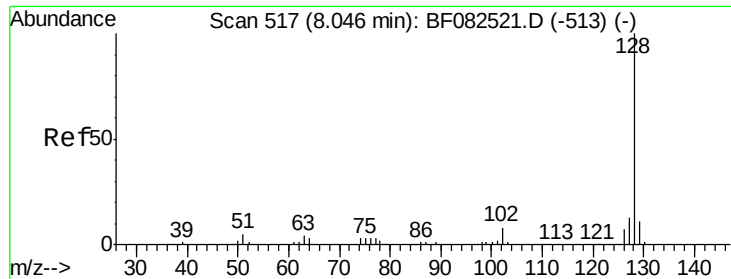
Tgt Ion: 82 Resp: 501583
 Ion Ratio Lower Upper
 82 100
 128 51.9 33.4 50.0#
 54 47.3 43.5 65.3



#25
 Isophorone
 Concen: 48.27 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.27 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Tgt Ion: 82 Resp: 472048
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.0 22.4#

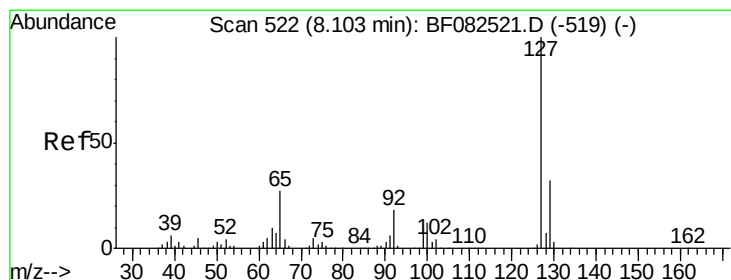
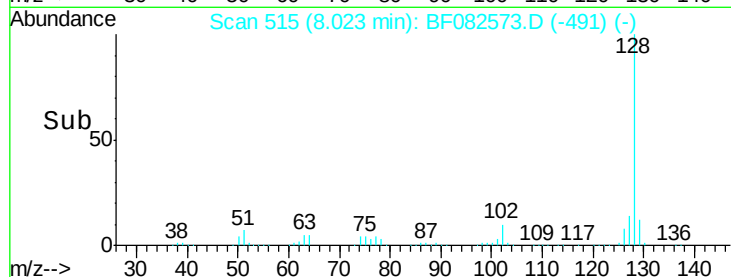
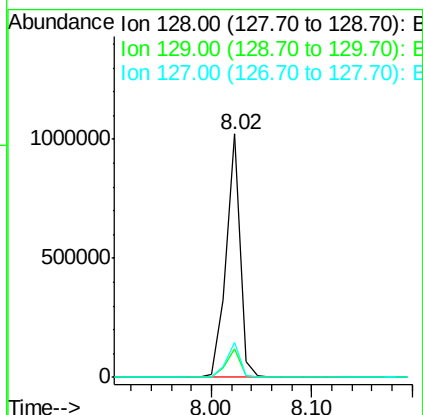
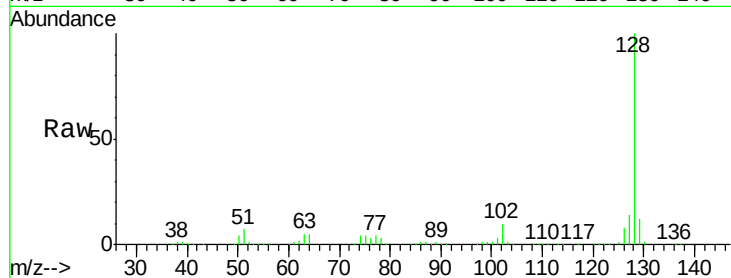




#31
Naphthalene
Concen: 68.51 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082573.D
Acq: 28 Oct 2015 4:35

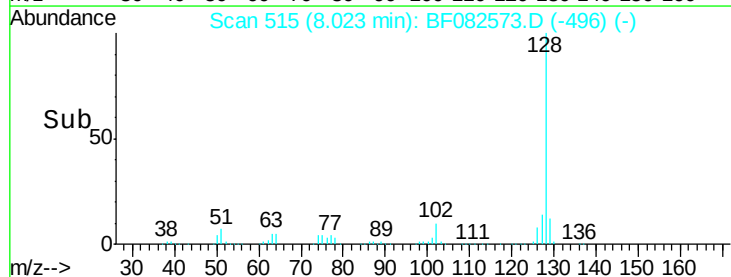
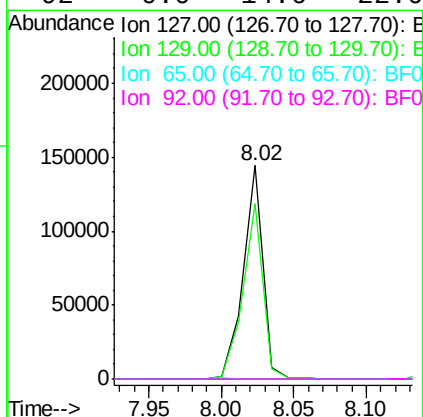
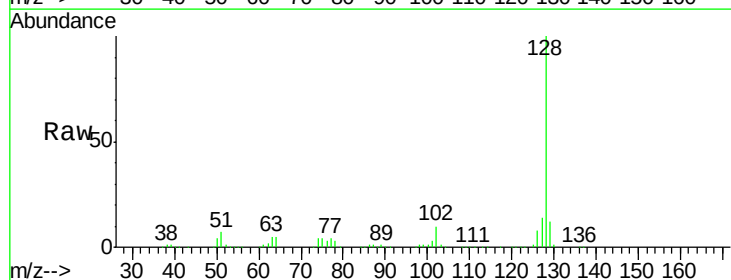
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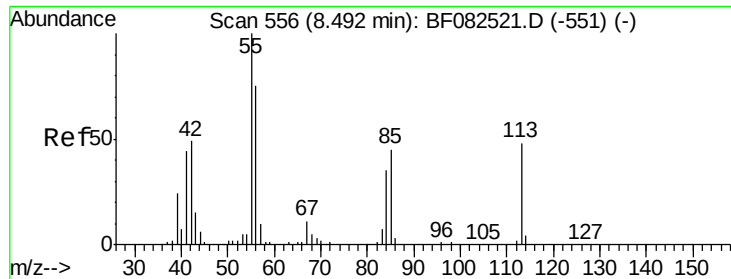
Tgt Ion:128 Resp: 994271
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.1 10.7 16.1



#33
4-Chloroaniline
Concen: 24.19 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF082573.D
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Tgt Ion:127 Resp: 136123
Ion Ratio Lower Upper
127 100
129 82.4 25.8 38.8#
65 0.0 21.8 32.6#
92 0.0 14.6 22.0#

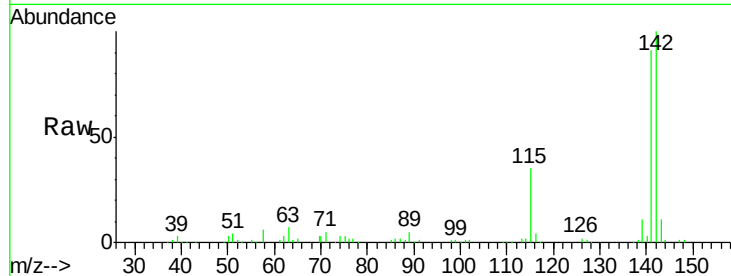




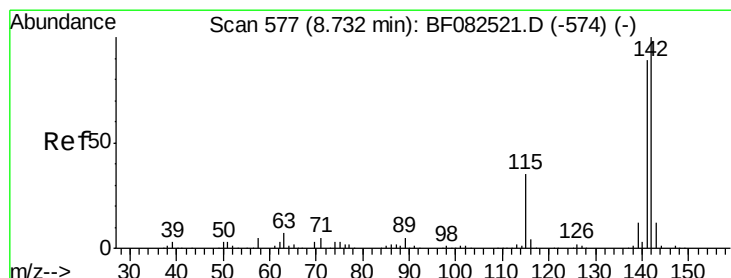
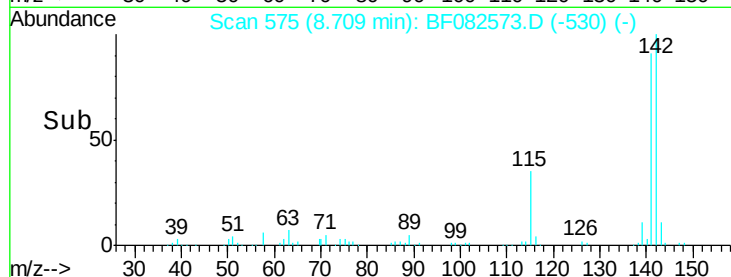
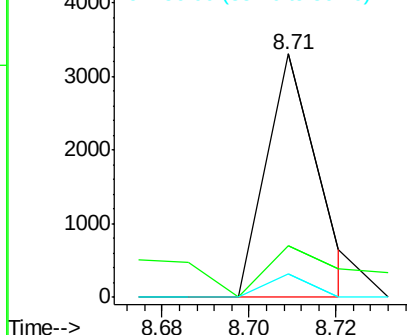
#35
 Caprolactam
 Concen: 2.27 ng
 RT: 8.71 min Scan# 575
 Delta R.T. 0.22 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S6-BOILERROOM2.5FTDEEP

Tgt Ion:113 Resp: 2713
 Ion Ratio Lower Upper
 113 100
 55 21.4 188.9 228.9#
 56 9.4 135.8 175.8#

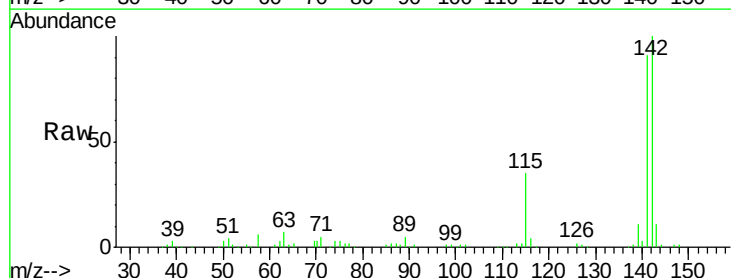


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

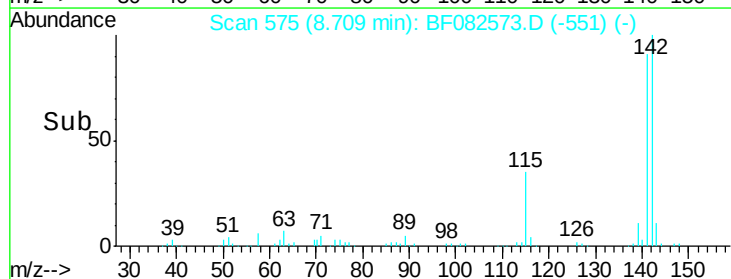
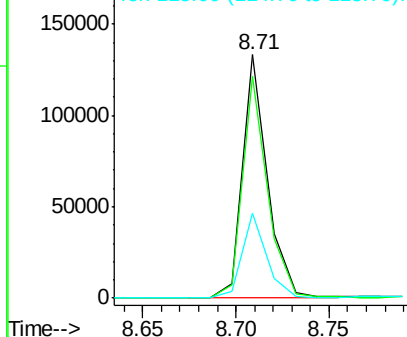


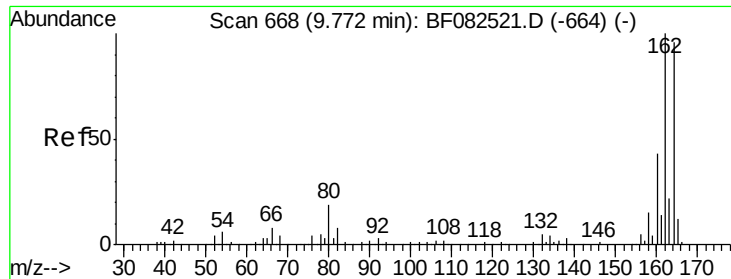
#37
 2-Methylnaphthalene
 Concen: 12.74 ng
 RT: 8.71 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Tgt Ion:142 Resp: 124932
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.0 106.6
 115 34.6 28.0 42.0



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

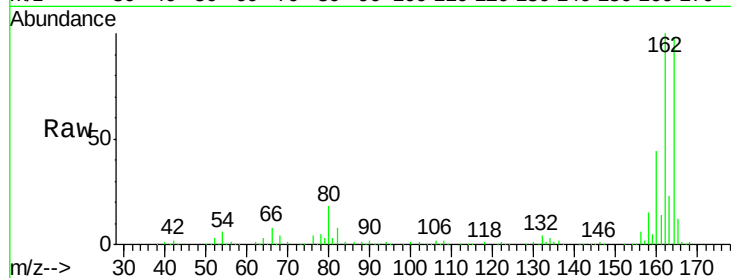




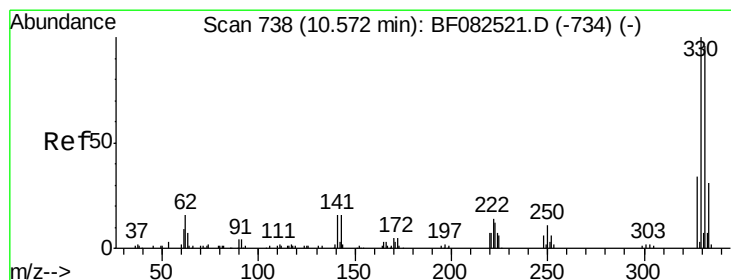
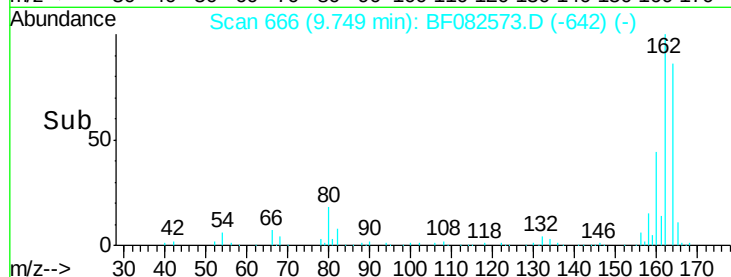
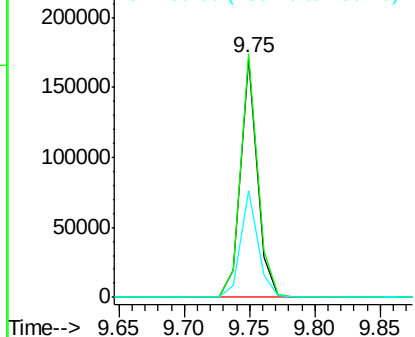
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S6-BOILERROOM2.5FTDEEP

Tgt Ion:164 Resp: 152234
 Ion Ratio Lower Upper
 164 100
 162 102.0 83.6 125.4
 160 44.5 36.0 54.0

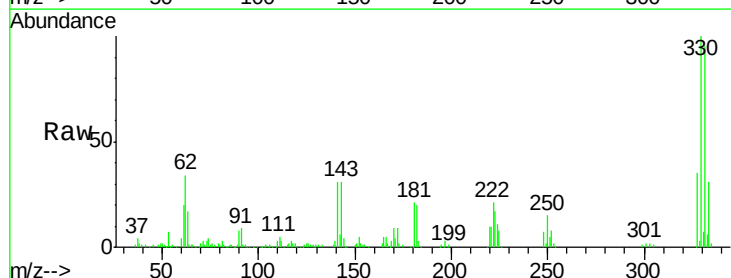


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

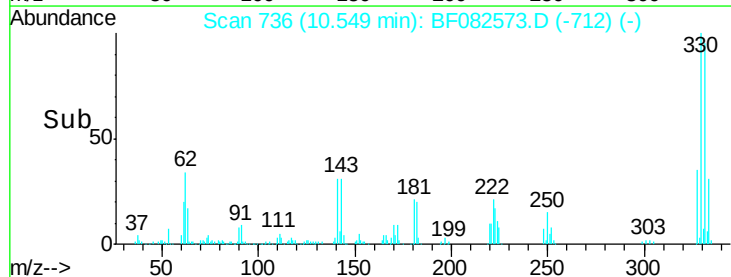
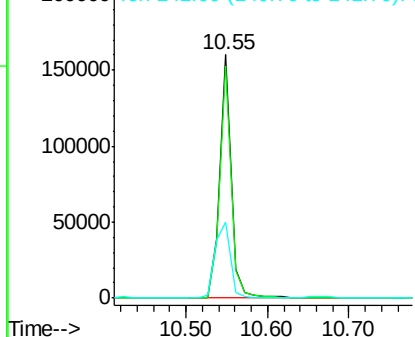


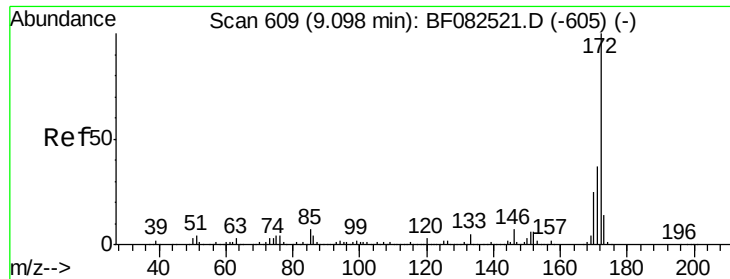
#41
 2,4,6-Tribromophenol
 Concen: 136.73 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Tgt Ion:330 Resp: 155866
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.0
 141 43.5 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

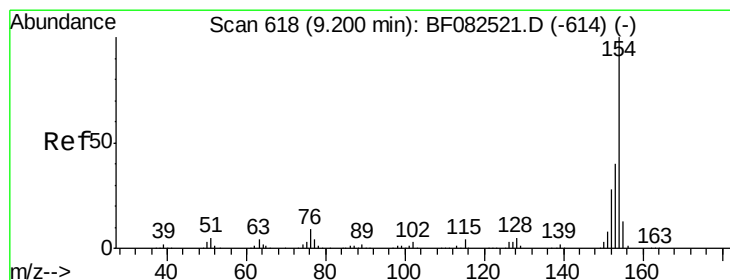
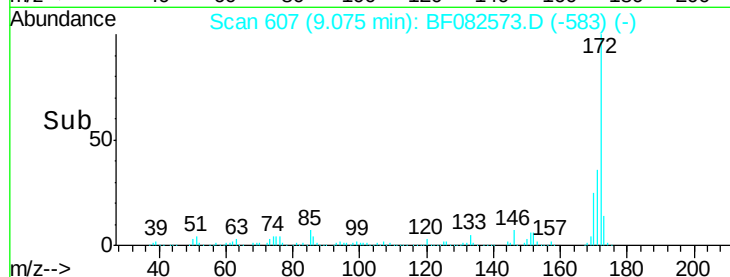
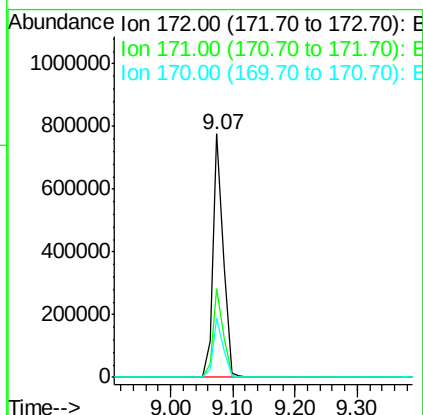
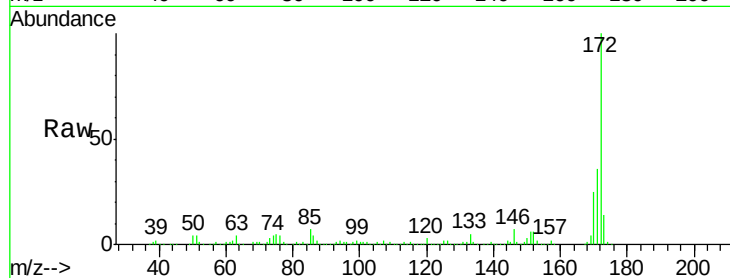




#44
 2-Fluorobiphenyl
 Concen: 91.33 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

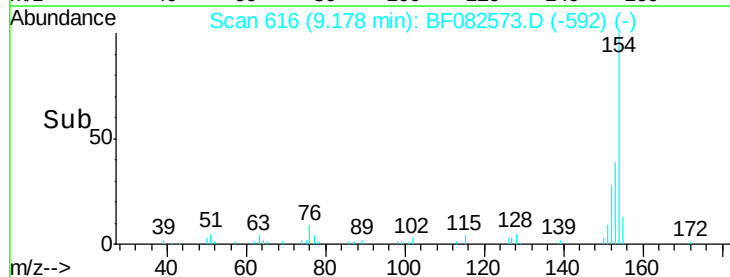
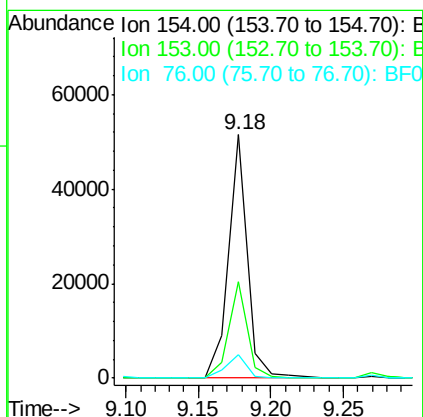
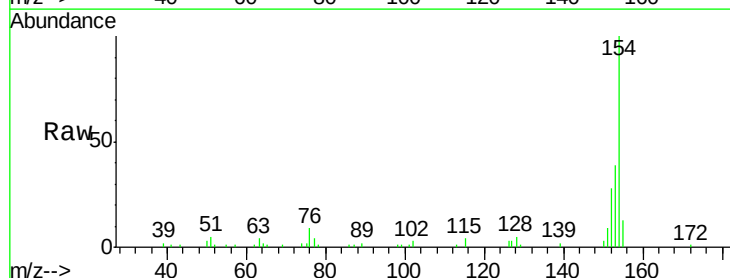
Instrument :
 BNA_F
 ClientSampleId :
 S6-BOILERROOM2.5FTDEEP

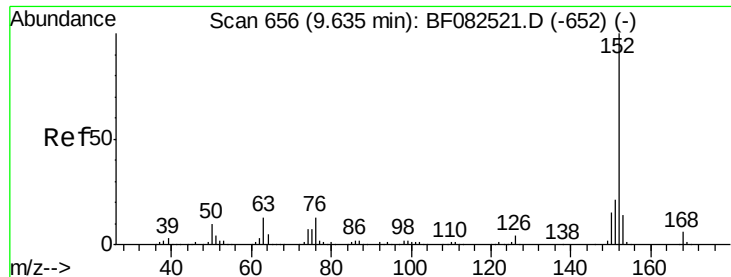
Tgt Ion:172 Resp: 874371
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.6 19.8 29.6



#45
 1,1'-Biphenyl
 Concen: 4.10 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Tgt Ion:154 Resp: 46496
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.4 60.4
 76 9.5 0.0 29.2





#48

Acenaphthylene

Concen: 4.38 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

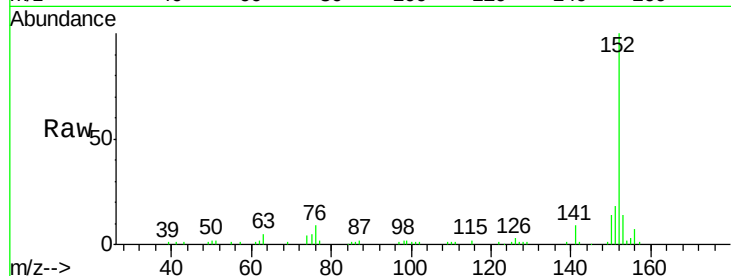
Tgt Ion:152 Resp: 62598

Ion Ratio Lower Upper

152 100

151 18.3 16.6 25.0

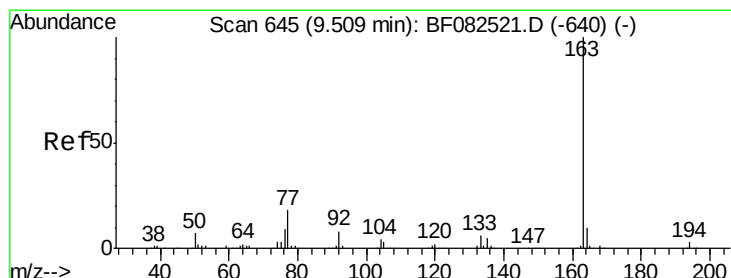
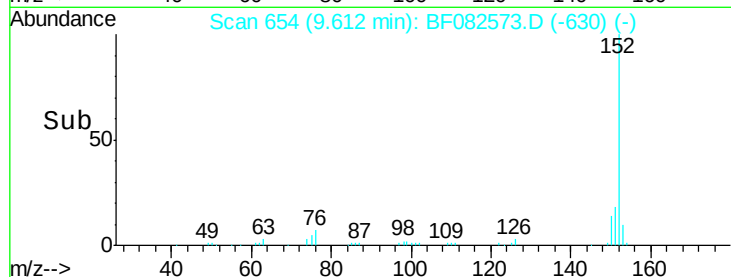
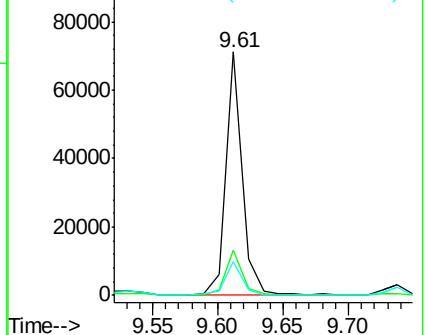
153 13.7 10.9 16.3



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: 20.16 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

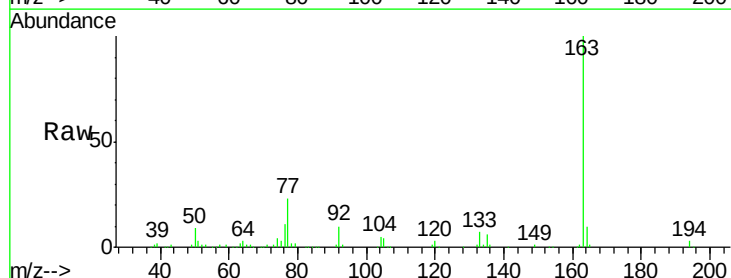
Tgt Ion:163 Resp: 213530

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

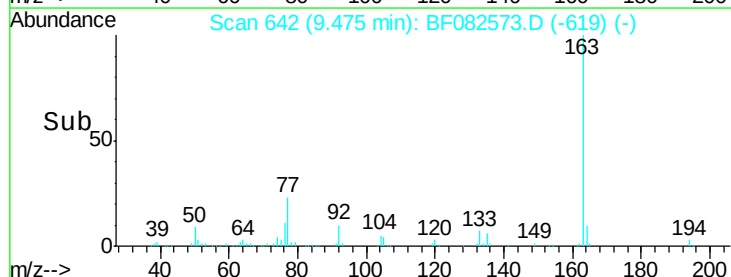
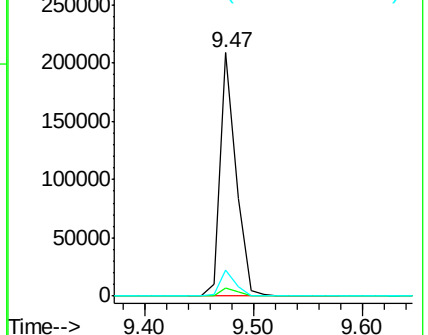
164 10.5 8.2 12.4

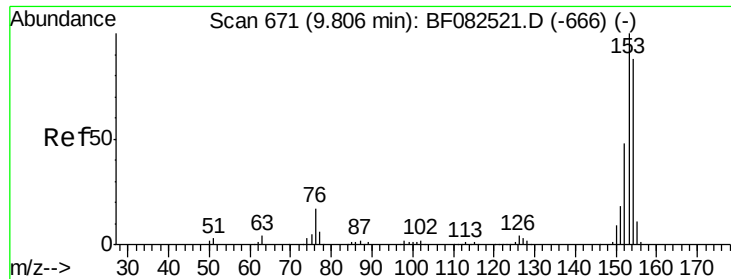


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 19.80 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

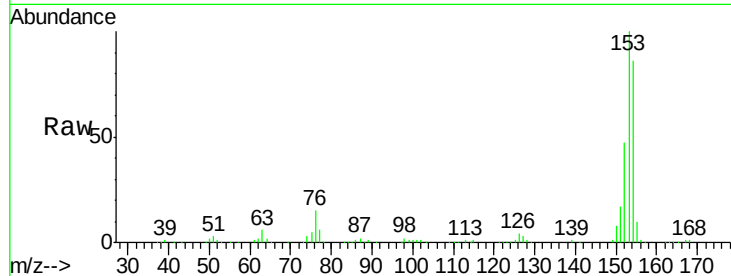
Tgt Ion:154 Resp: 162429

Ion Ratio Lower Upper

154 100

153 115.7 90.7 136.1

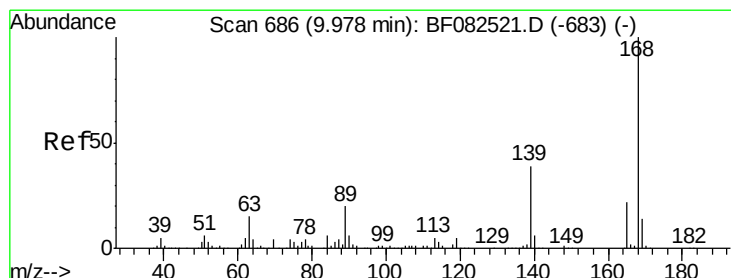
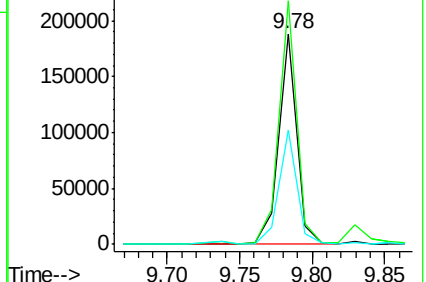
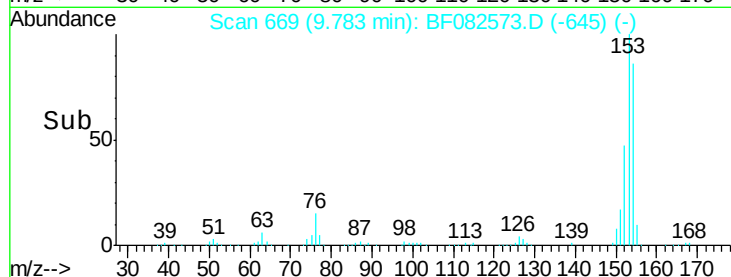
152 54.1 44.0 66.0



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

Dibenzofuran

Concen: 22.08 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

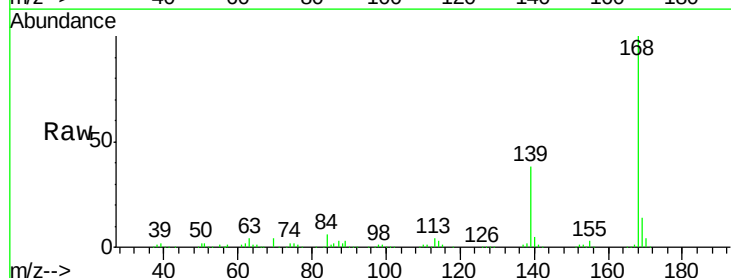
Tgt Ion:168 Resp: 264241

Ion Ratio Lower Upper

168 100

139 38.2 33.0 49.6

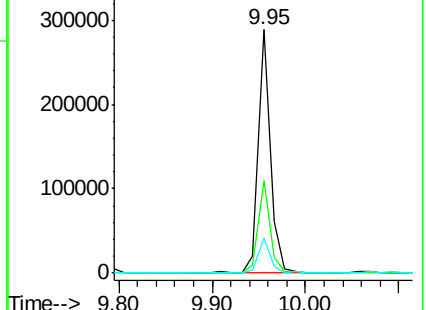
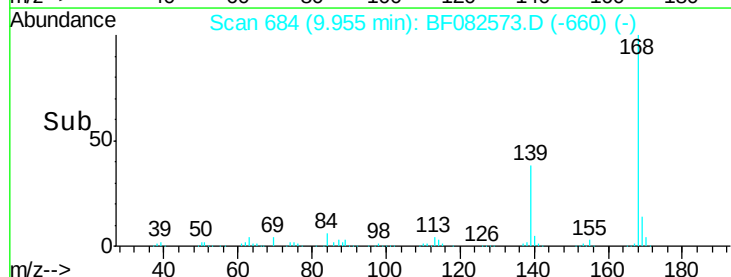
169 14.3 11.0 16.4

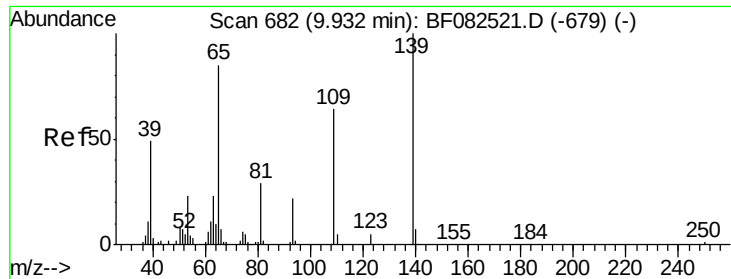


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 81.69 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

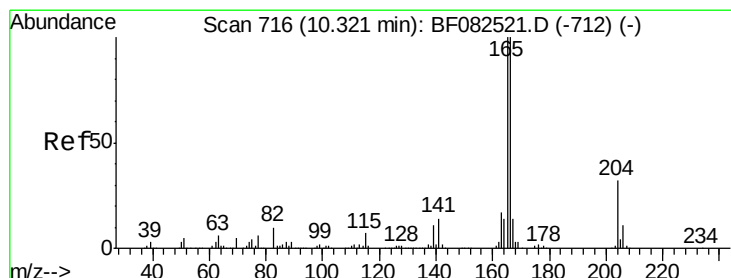
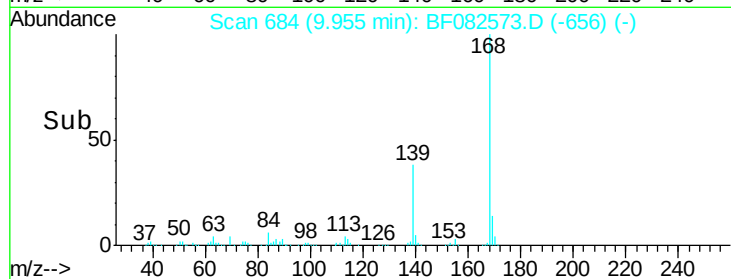
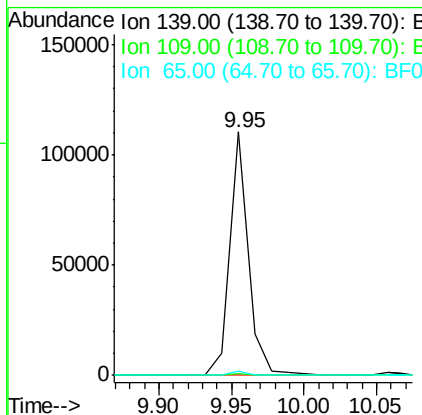
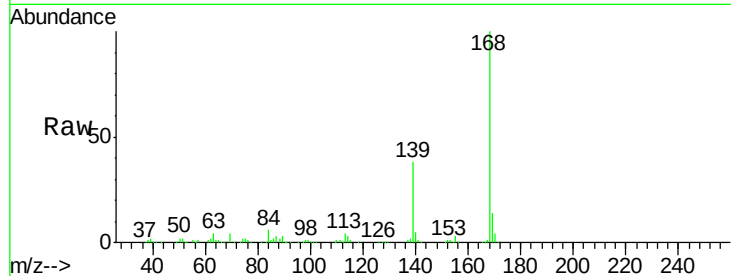
Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

Tgt Ion:	139	Resp:	98413
Ion Ratio	Lower	Upper	
139	100		
109	1.0	44.2	84.2#
65	1.5	68.1	108.1#



#57

Fluorene

Concen: 20.00 ng

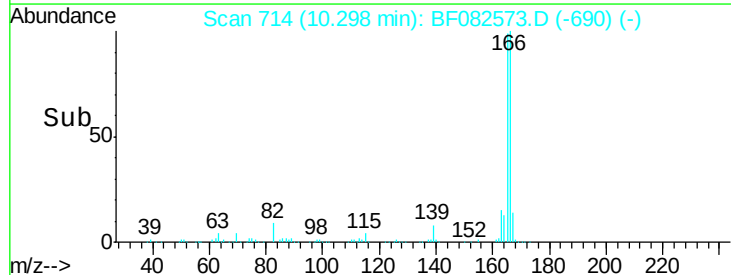
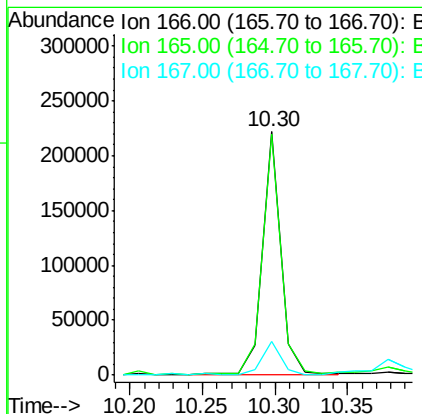
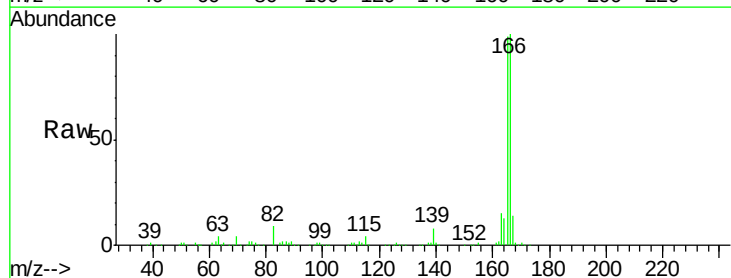
RT: 10.30 min Scan# 714

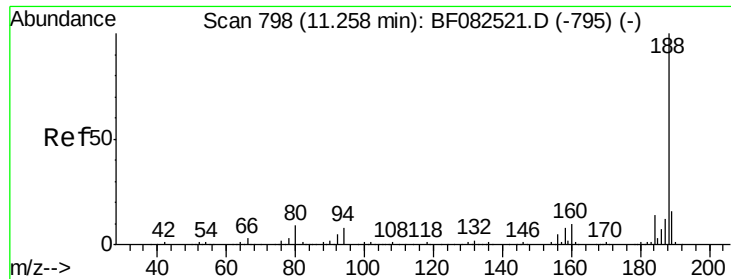
Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Tgt Ion:	166	Resp:	196534
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.7	119.5
167	13.8	11.0	16.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

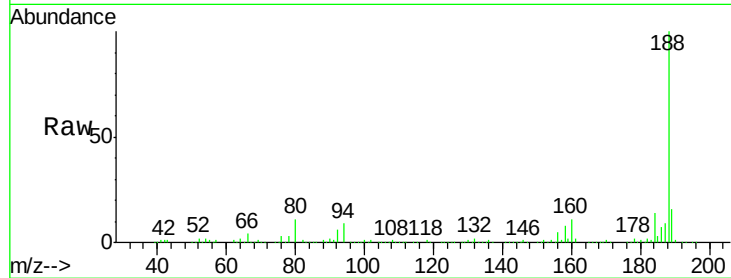
Tgt Ion:188 Resp: 258628

Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

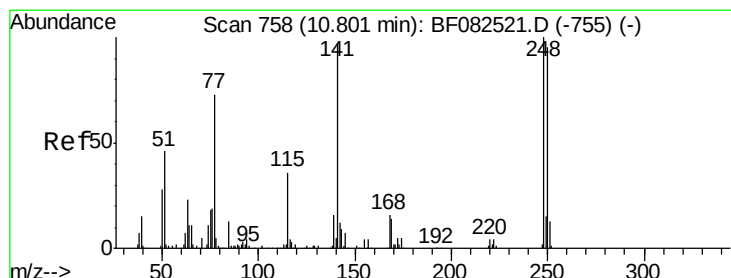
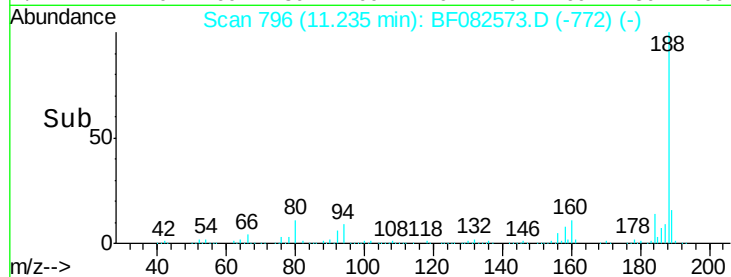
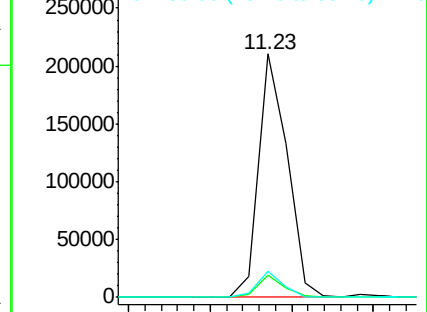
80 10.6 7.0 10.6#



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: 4.87 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.25 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

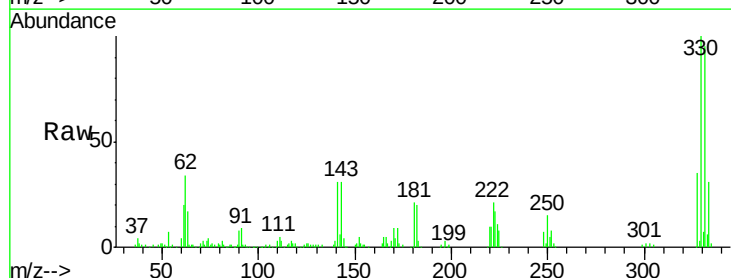
Tgt Ion:248 Resp: 11820

Ion Ratio Lower Upper

248 100

250 194.6 76.0 114.0#

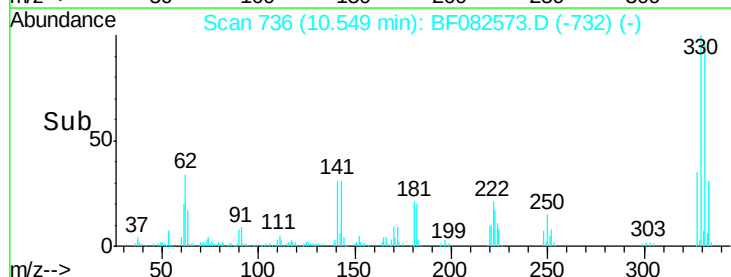
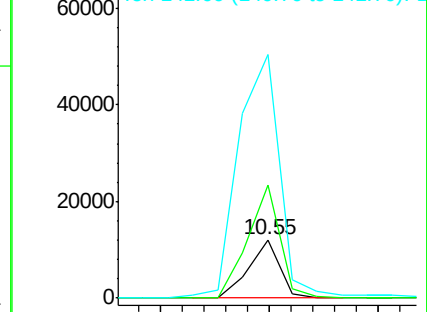
141 419.1 77.5 116.3#

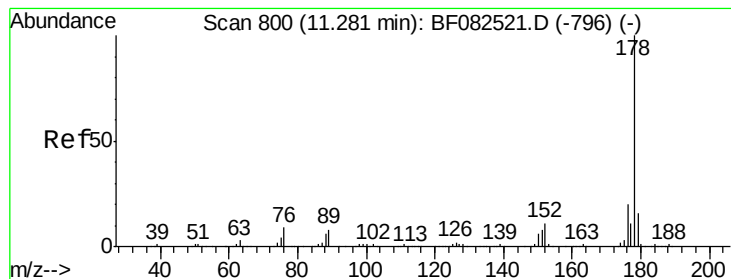


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 138.71 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

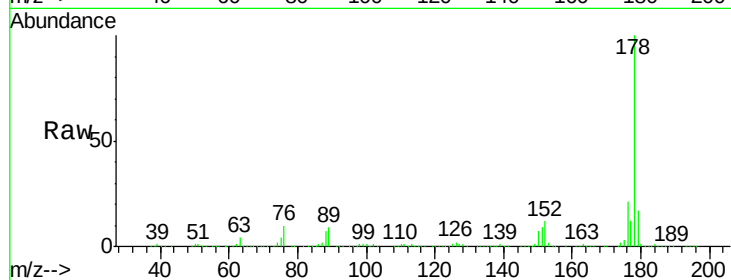
Tgt Ion:178 Resp: 1846212

Ion Ratio Lower Upper

178 100

176 21.4 15.9 23.9

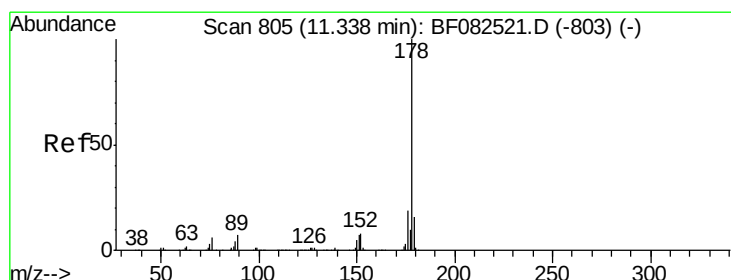
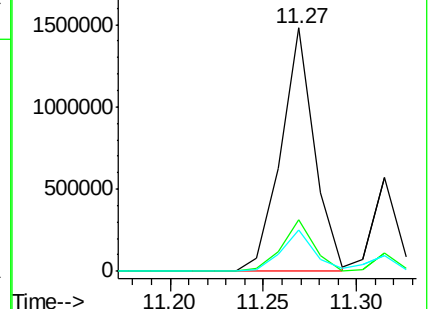
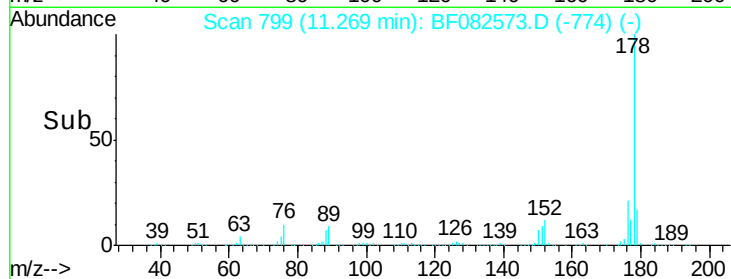
179 16.8 12.8 19.2



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: 39.83 ng

RT: 11.32 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

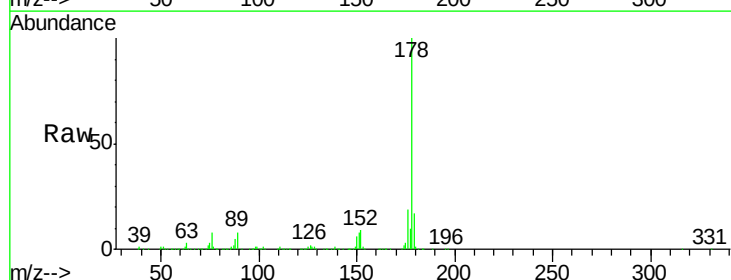
Tgt Ion:178 Resp: 533900

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

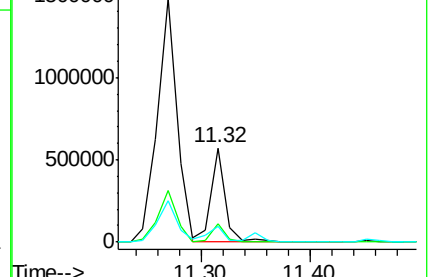
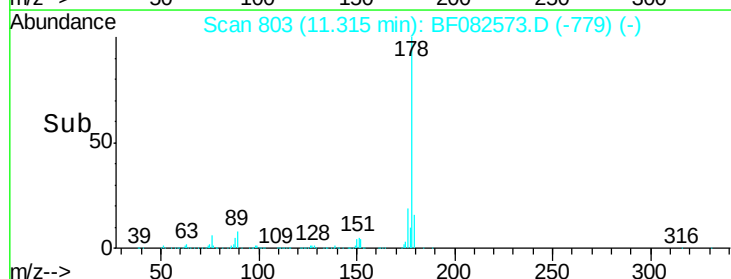
179 16.6 12.6 19.0

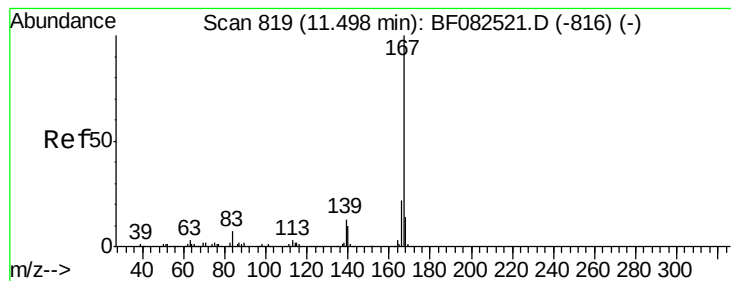


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.15 ng

RT: 11.48 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

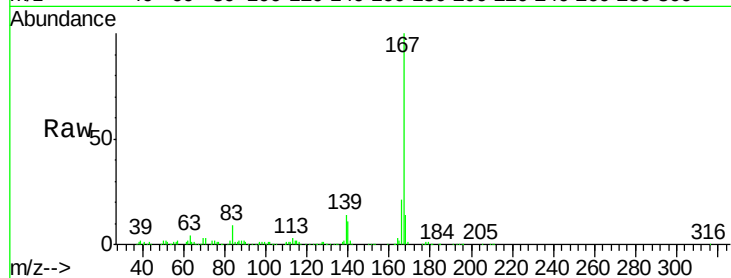
Tgt Ion:167 Resp: 391783

Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

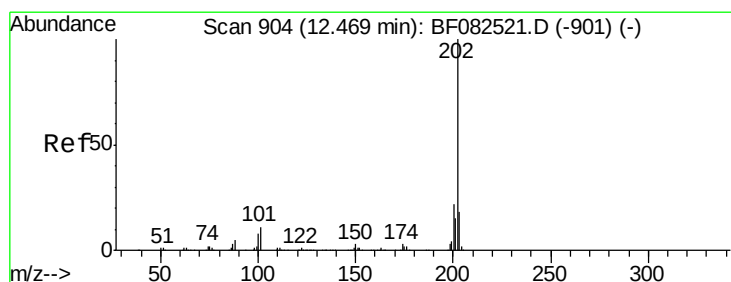
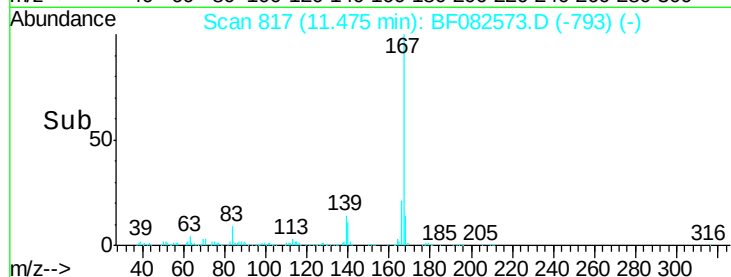
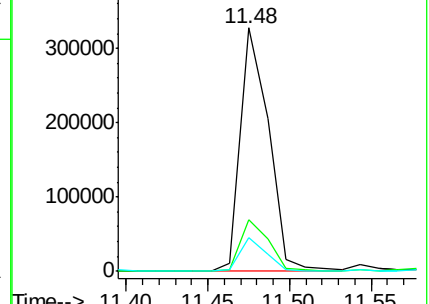
139 13.8 10.4 15.6



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: 127.82 ng

RT: 12.46 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

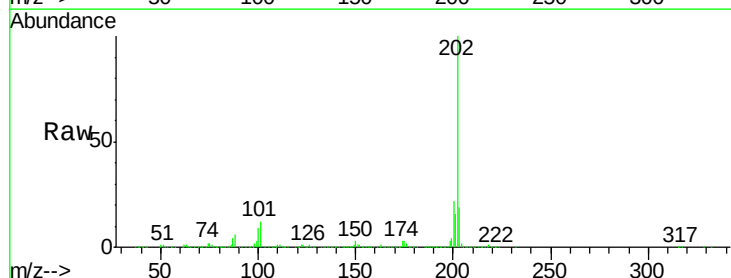
Tgt Ion:202 Resp: 1746339

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.2

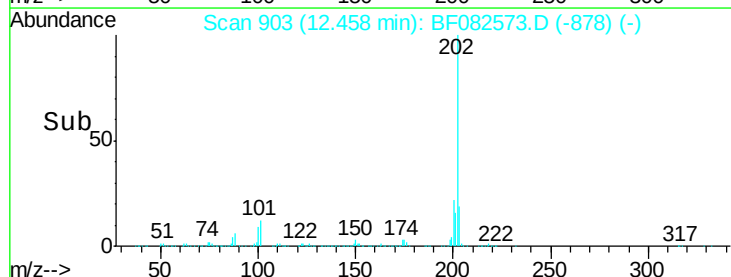
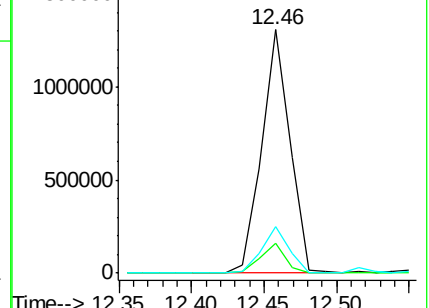
203 19.1 0.0 38.1

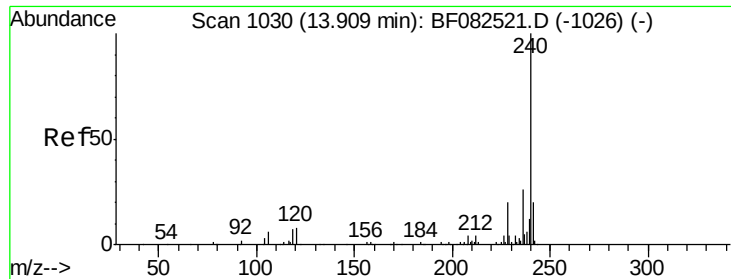


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

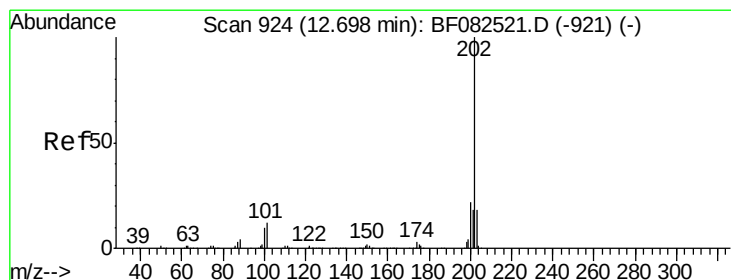
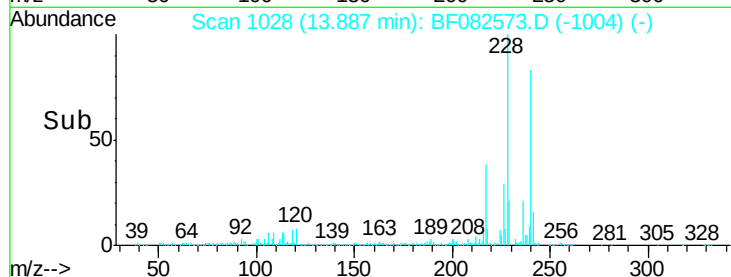
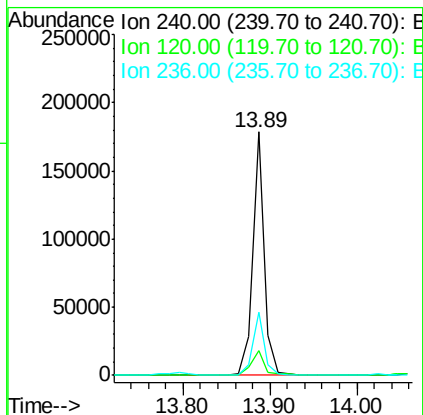
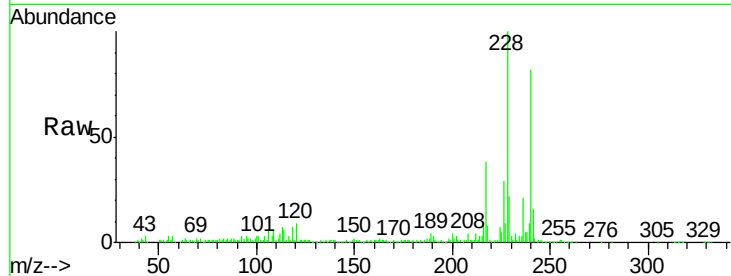
BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

Tgt Ion:240 Resp: 168282

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.5	9.7#
236	26.1	20.5	30.7



#77

Pyrene

Concen: 133.90 ng

RT: 12.69 min Scan# 923

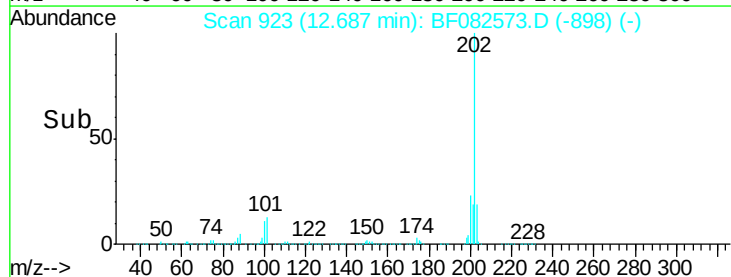
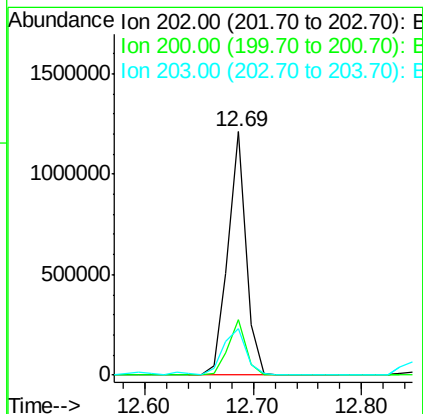
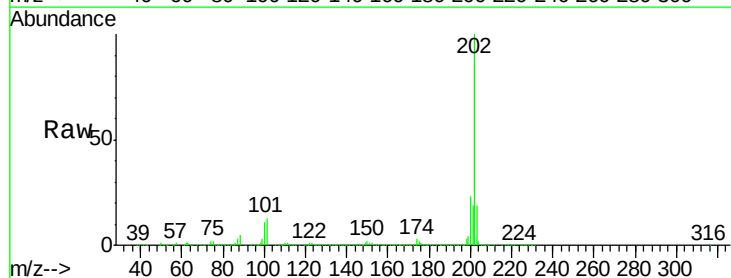
Delta R.T. -0.01 min

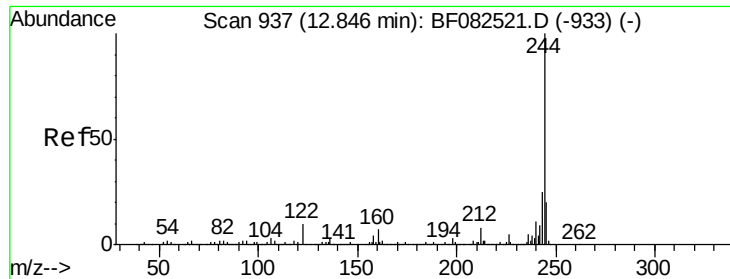
Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Tgt Ion:202 Resp: 1385988

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	19.0	14.6	22.0

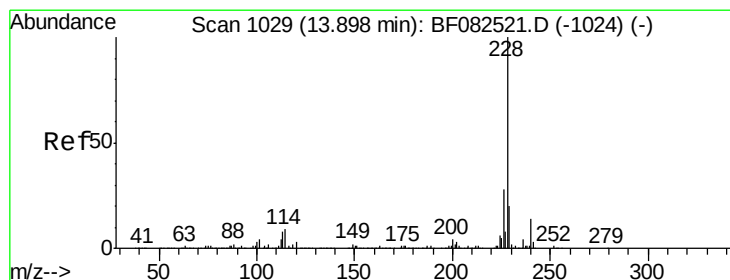
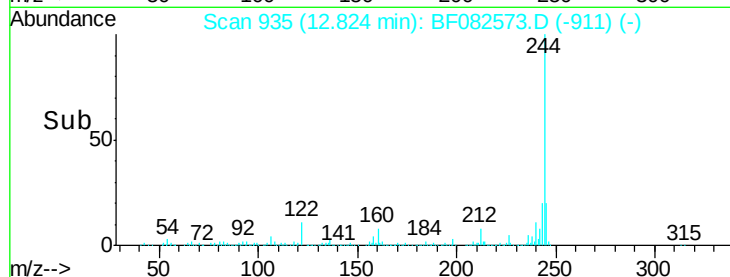
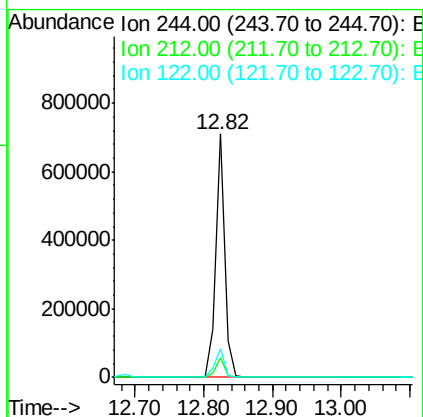
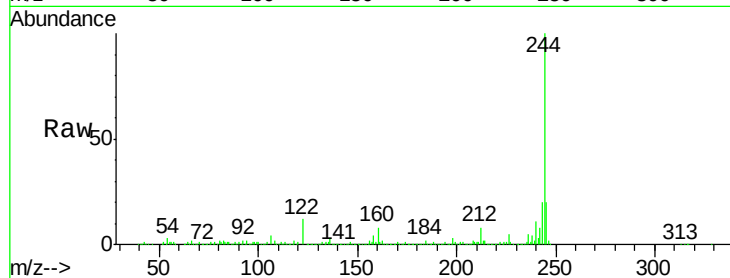




#78
 Terphenyl-d14
 Concen: 114.04 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

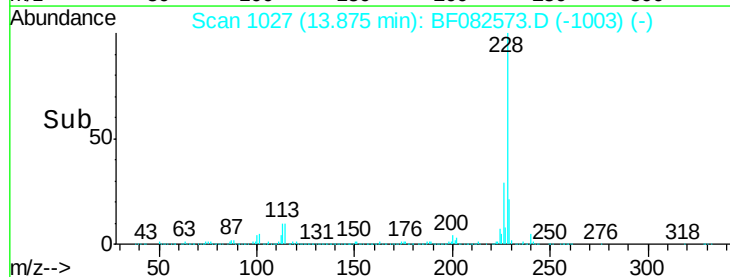
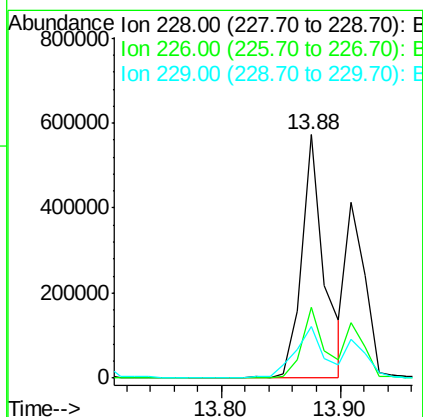
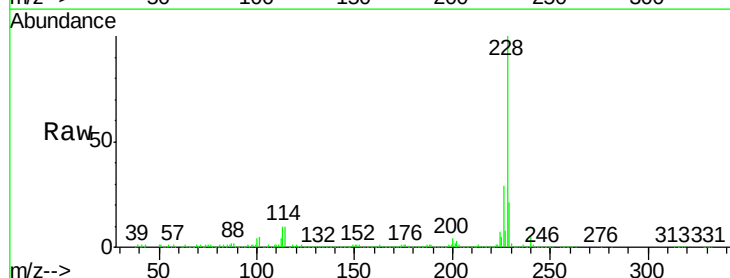
Instrument :
 BNA_F
 ClientSampleId :
 S6-BOILERROOM2.5FTDEEP

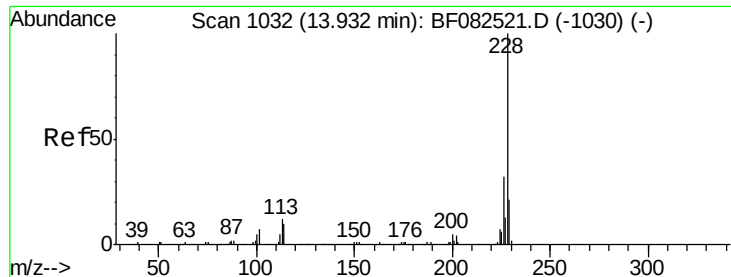
Tgt Ion:244 Resp: 666103
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 11.5 8.1 12.1



#80
 Benzo(a)anthracene
 Concen: 83.08 ng
 RT: 13.88 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF082573.D
 Acq: 28 Oct 2015 4:35

Tgt Ion:228 Resp: 749499
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.1 33.1
 229 21.2 16.1 24.1





#82

Chrysene

Concen: 53.57 ng

RT: 13.91 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

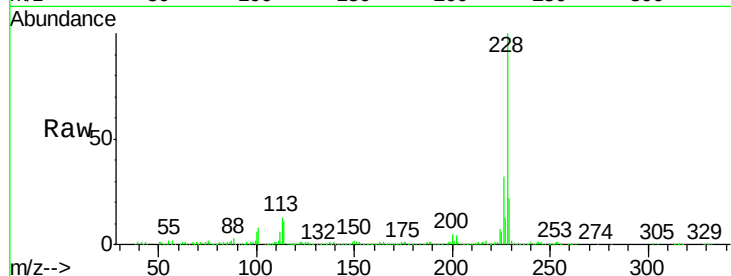
Tgt Ion:228 Resp: 456503

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

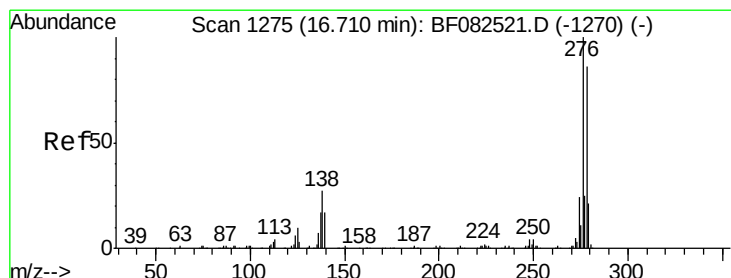
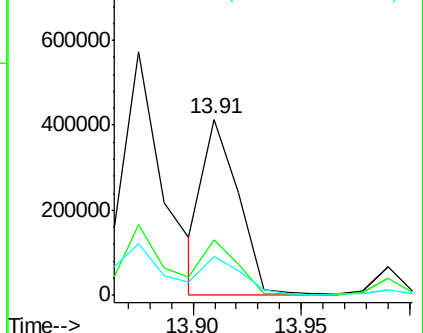
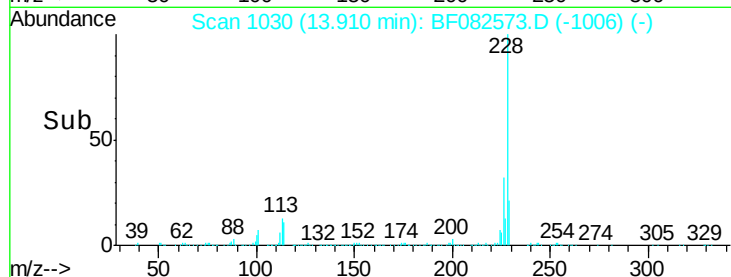
229 22.2 16.3 24.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.78 ng

RT: 16.69 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

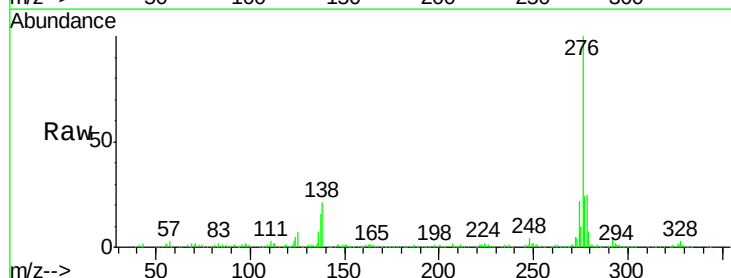
Tgt Ion:276 Resp: 389747

Ion Ratio Lower Upper

276 100

138 21.0 20.6 30.8

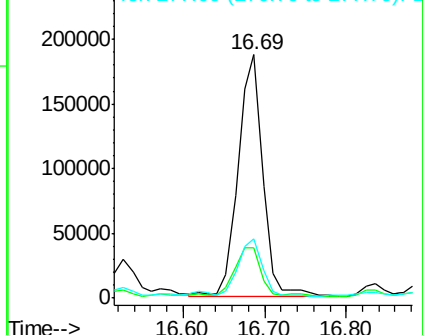
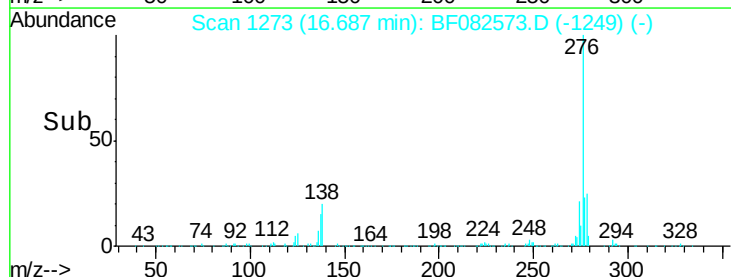
277 22.8 19.9 29.9

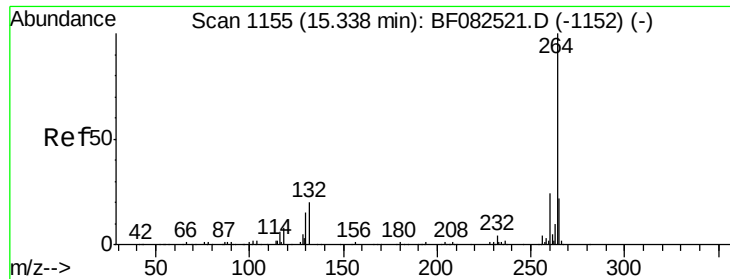


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

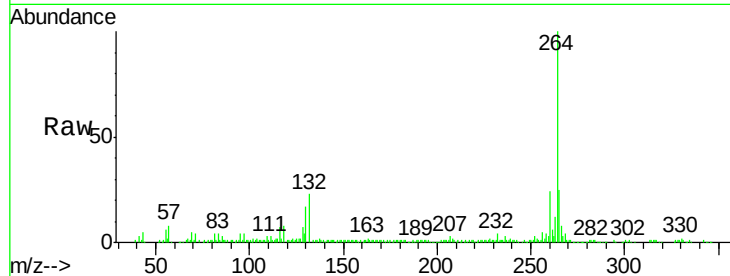




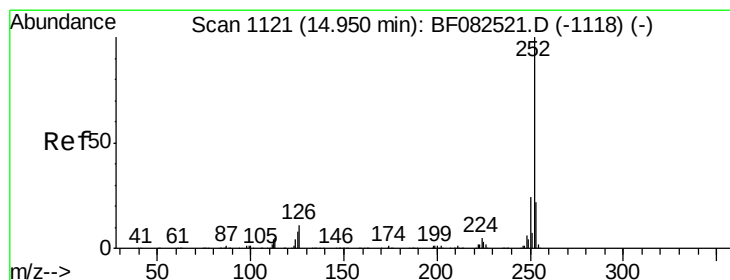
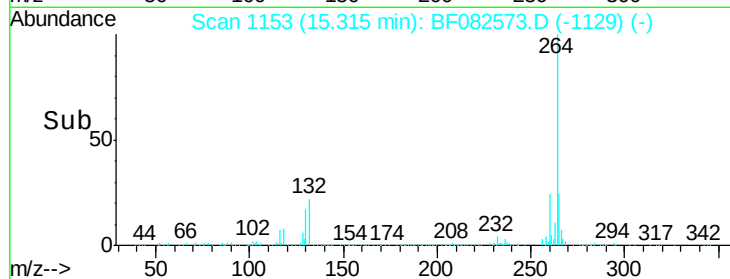
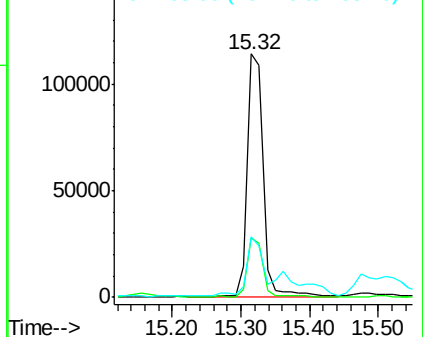
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF082573.D
Acq: 28 Oct 2015 4:35

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion: 264 Resp: 185069
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 24.8 17.8 26.6

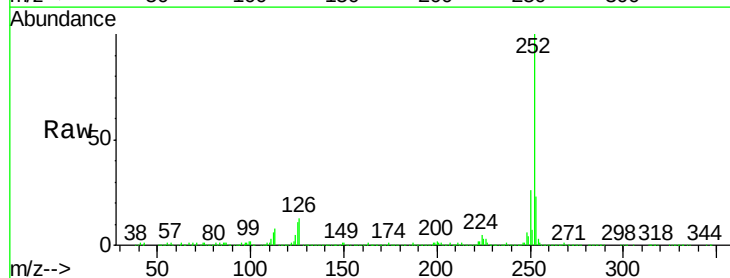


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

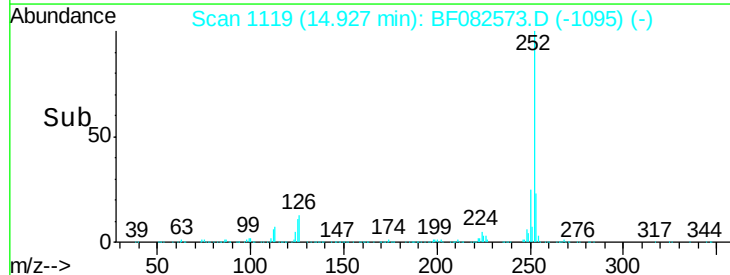
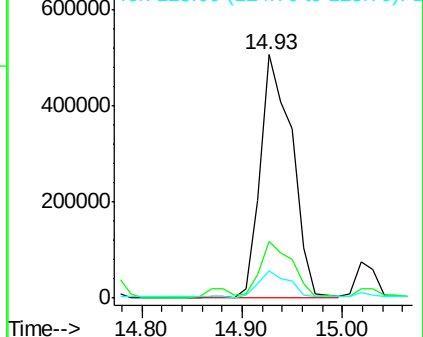


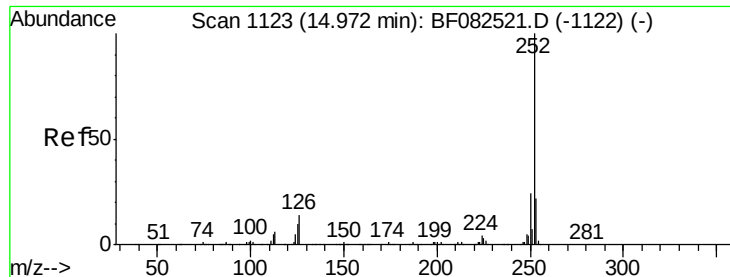
#87
Benzo(b)fluoranthene
Concen: 100.35 ng
RT: 14.93 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF082573.D
Acq: 28 Oct 2015 4:35

Tgt Ion: 252 Resp: 1102846
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.1 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

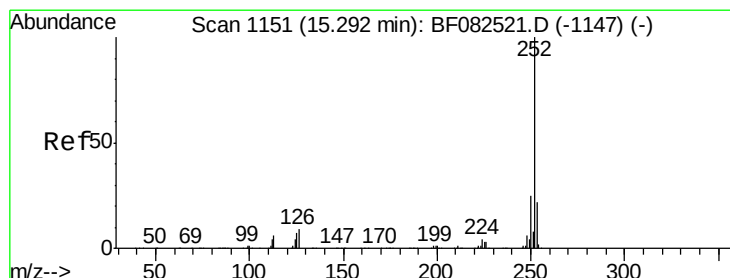
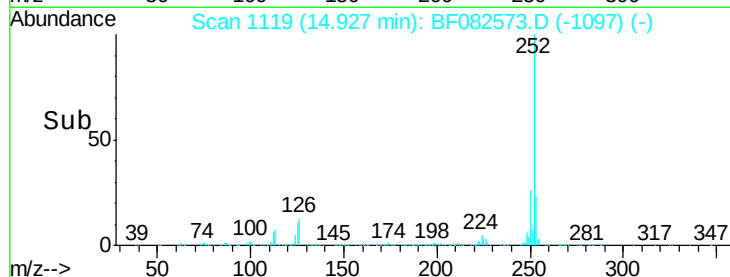
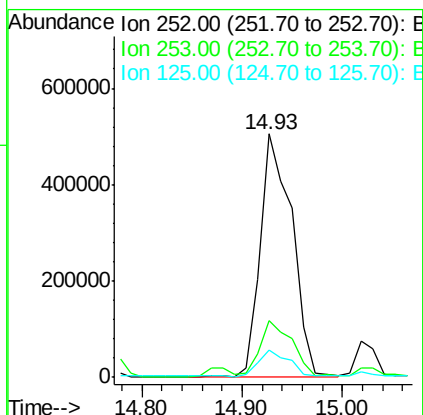
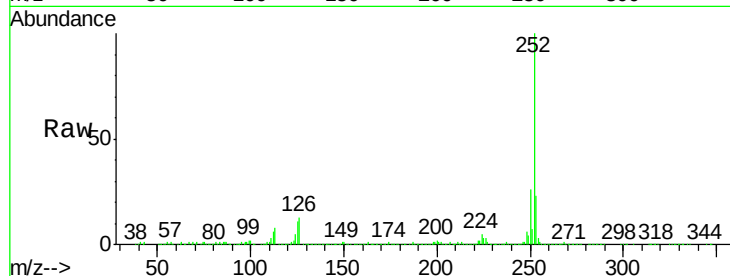




#88
Benzo(k)fluoranthene
Concen: 123.09 ng
RT: 14.93 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF082573.D
Acq: 28 Oct 2015 4:35

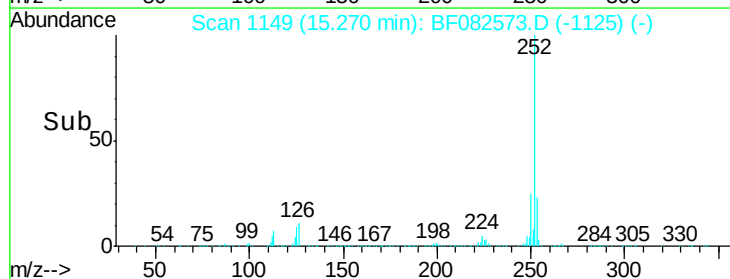
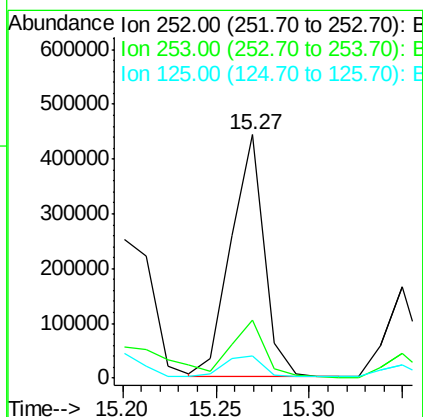
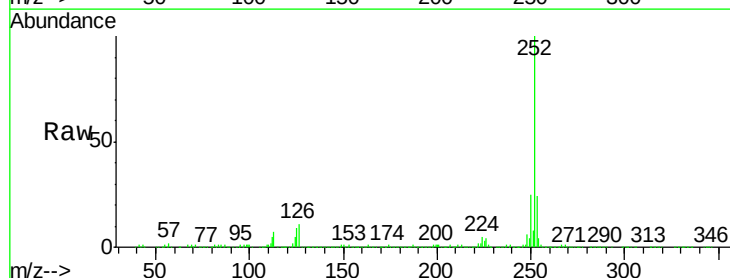
Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

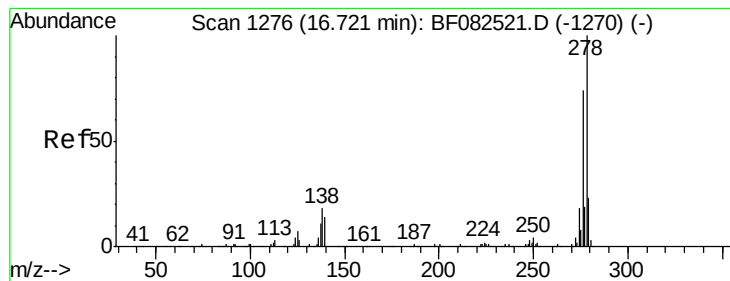
Tgt Ion:252 Resp: 1102846
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.1 8.7 13.1



#89
Benzo(a)pyrene
Concen: 57.58 ng
RT: 15.27 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF082573.D
Acq: 28 Oct 2015 4:35

Tgt Ion:252 Resp: 548254
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 9.0 5.9 8.9#





#90

Dibenzo(a,h)anthracene

Concen: 12.13 ng

RT: 16.69 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S6-BOILERROOM2.5FTDEEP

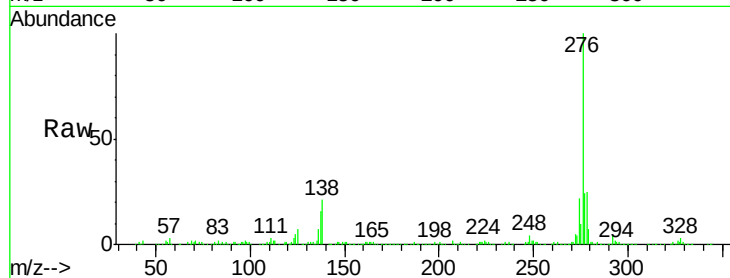
Tgt Ion:278 Resp: 96659

Ion Ratio Lower Upper

278 100

139 0.0 11.6 17.4#

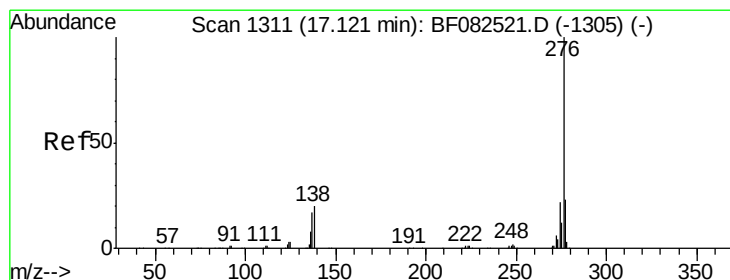
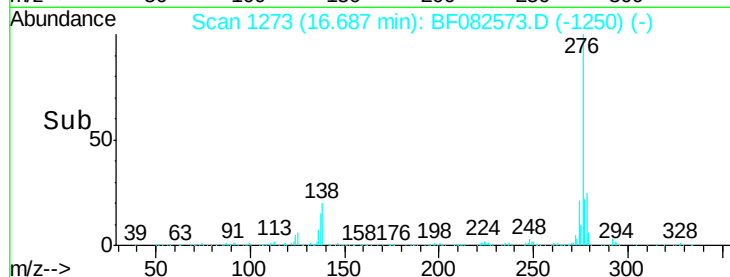
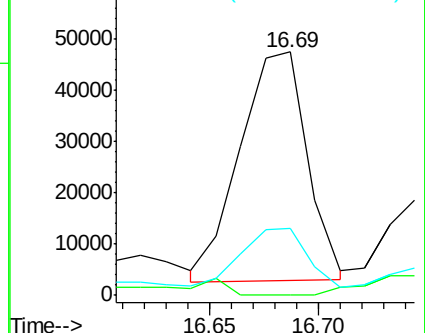
279 27.6 18.7 28.1



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: 42.80 ng

RT: 17.10 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF082573.D

Acq: 28 Oct 2015 4:35

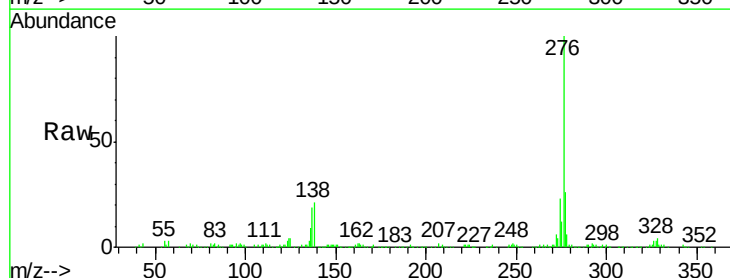
Tgt Ion:276 Resp: 337349

Ion Ratio Lower Upper

276 100

277 25.6 18.3 27.5

138 20.7 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

