

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082572.D
 Acq On : 28 Oct 2015 4:06
 Operator : UM/IZ
 Sample : G4178-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 06:07:02 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	87569	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	300680	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	147295	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	164979	20.00	ng	0.01
75) Chrysene-d12	13.94	240	136212	20.00	ng	0.03
86) Perylene-d12	15.37	264	197557	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	657423	148.21	ng	0.00
7) Phenol-d6	6.38	99	850024	147.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	556016	119.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	134682	122.11	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	906243	97.83	ng	-0.02
78) Terphenyl-d14	12.85	244	603724	127.69	ng	0.00

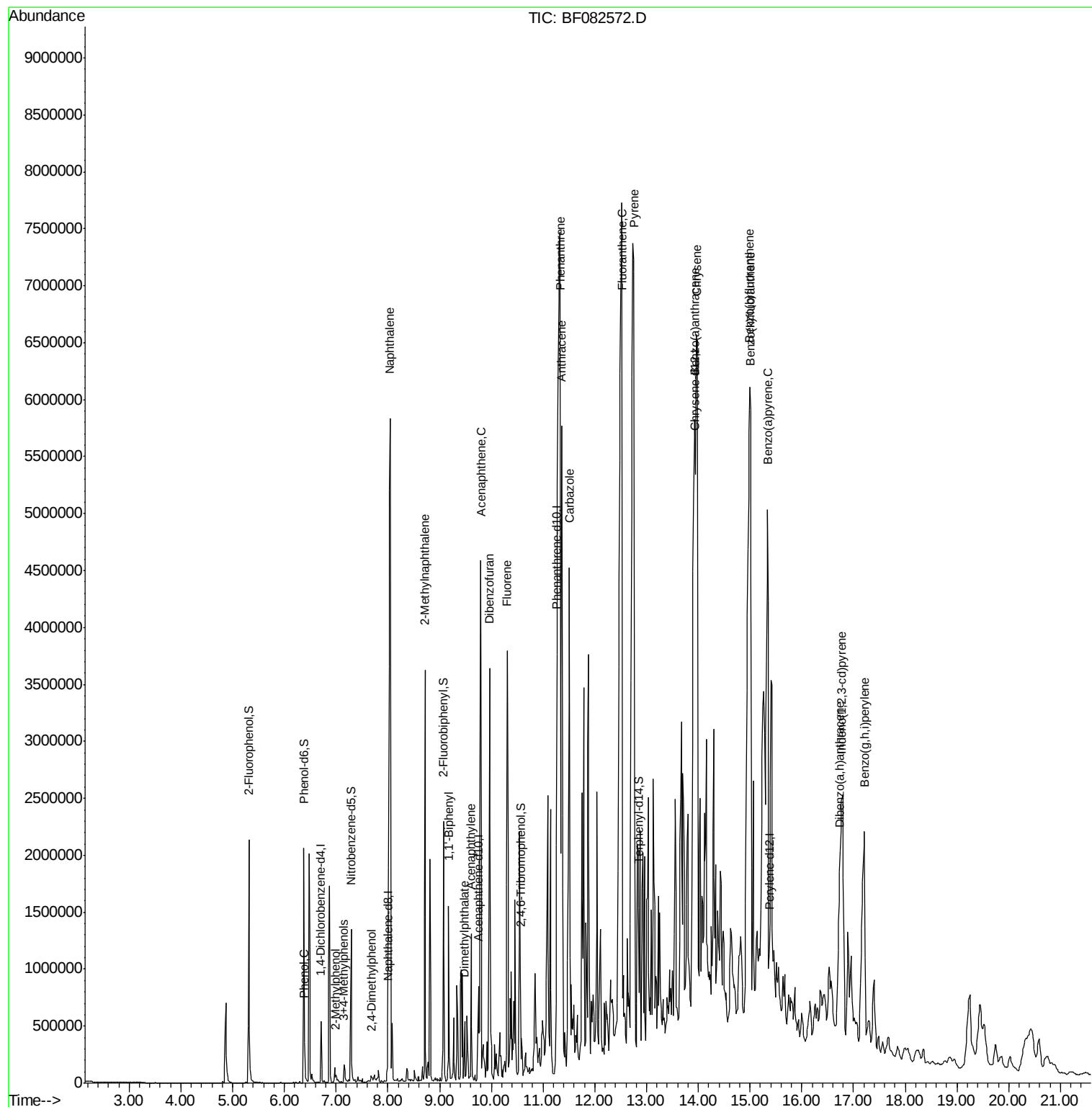
Target Compounds				Qvalue		
10) Phenol	6.39	94	41267	6.29	ng	80
17) 2-Methylphenol	6.99	107	16378	3.93	ng	99
20) 3+4-Methylphenols	7.15	107	61919	11.62	ng	94
27) 2,4-Dimethylphenol	7.68	122	17163	4.20	ng	88
31) Naphthalene	8.05	128	5093150	370.65	ng	# 93
37) 2-Methylnaphthalene	8.72	142	1114860	120.09	ng	99
45) 1,1'-Biphenyl	9.18	154	470592	42.93	ng	98
48) Acenaphthylene	9.61	152	500289	36.15	ng	98
49) Dimethylphthalate	9.49	163	233899	22.82	ng	99
51) Acenaphthene	9.79	154	1443560	181.90	ng	99
54) Dibenzofuran	9.97	168	2189979	189.12	ng	98
57) Fluorene	10.31	166	1601576	168.48	ng	98
70) Phenanthrene	11.33	178	10659949m	1255.51	ng	
71) Anthracene	11.36	178	3229608m	377.72	ng	
72) Carbazole	11.51	167	2932940	388.98	ng	95
74) Fluoranthene	12.53	202	11102320	1273.90	ng	93
77) Pyrene	12.76	202	8837422	1054.81	ng	# 90
80) Benzo(a)anthracene	13.93	228	7805791m	1068.91	ng	
82) Chrysene	13.98	228	2640368m	382.76	ng	
85) Indeno(1,2,3-cd)pyrene	16.78	276	3387568	534.52	ng	97
87) Benzo(b)fluoranthene	15.00	252	8590769m	732.25	ng	
88) Benzo(k)fluoranthene	15.01	252	1074715m	112.36	ng	
89) Benzo(a)pyrene	15.34	252	4319064	424.93	ng	# 89
90) Dibenzo(a,h)anthracene	16.73	278	1307955	153.81	ng	97
91) Benzo(g,h,i)perylene	17.21	276	2945952	350.12	ng	93

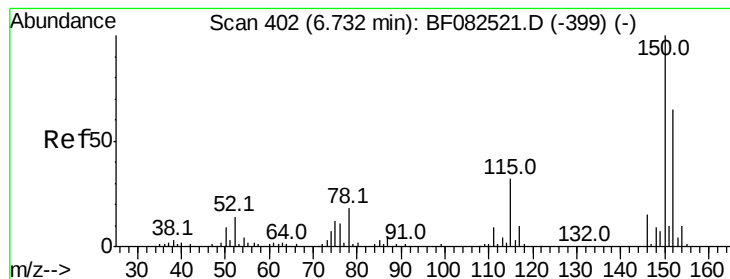
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082572.D
Acq On : 28 Oct 2015 4:06
Operator : UM/IZ
Sample : G4178-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Quant Time: Oct 28 06:07:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

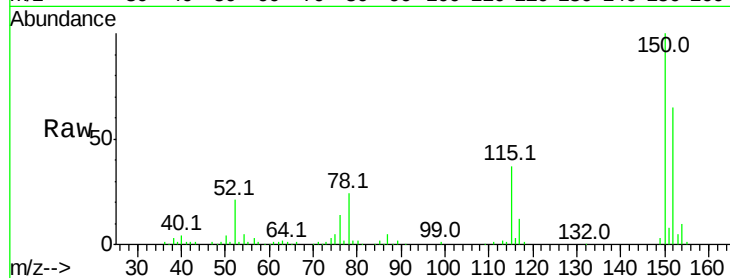
Tot Ion:152 Resp: 87569

Ion Ratio Lower Upper

152 100

150 154.5 123.4 185.0

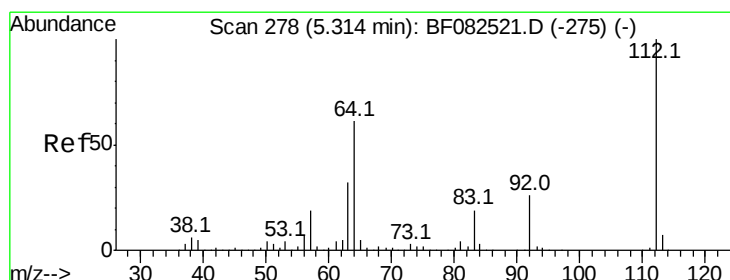
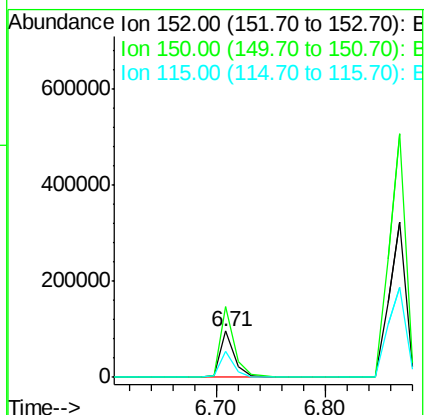
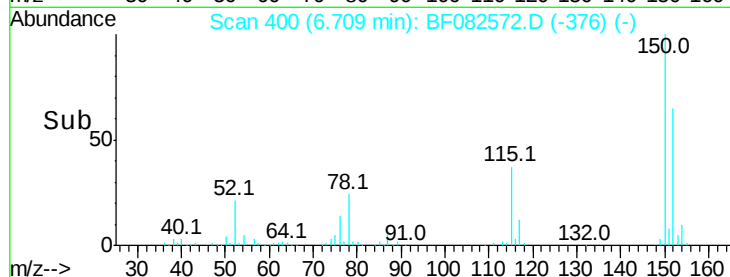
115 57.5 39.0 58.4



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: 148.21 ng

RT: 5.31 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

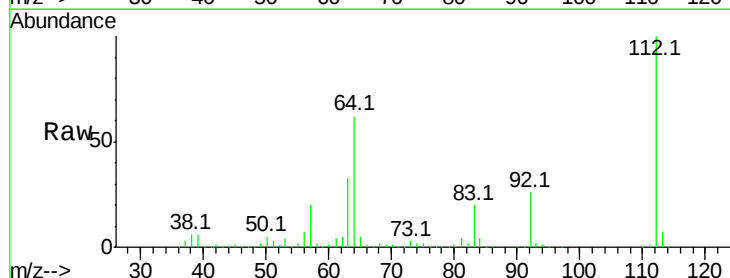
Tgt Ion:112 Resp: 657423

Ion Ratio Lower Upper

112 100

64 62.5 49.0 73.4

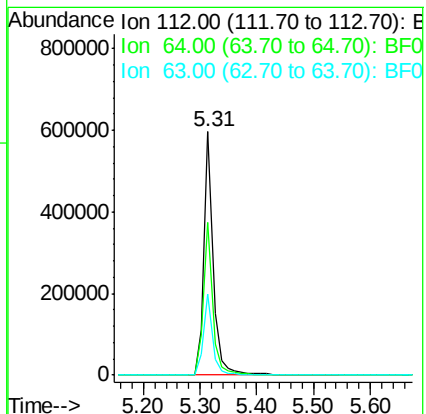
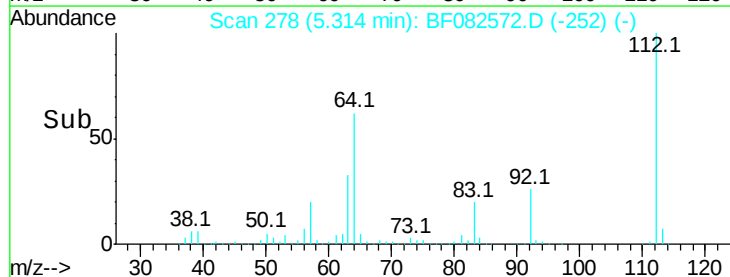
63 33.3 25.8 38.6

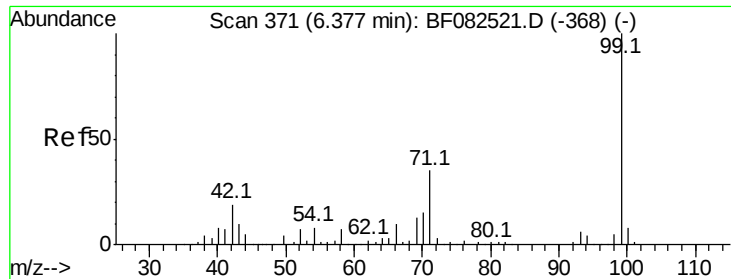


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.03 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

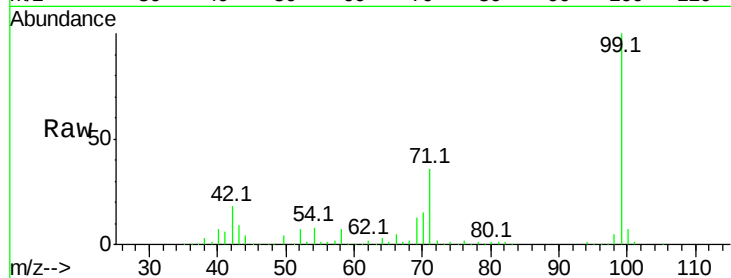
Tot Ion: 99 Resp: 850024

Ion Ratio Lower Upper

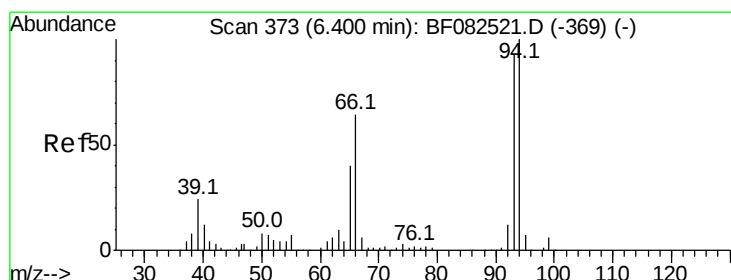
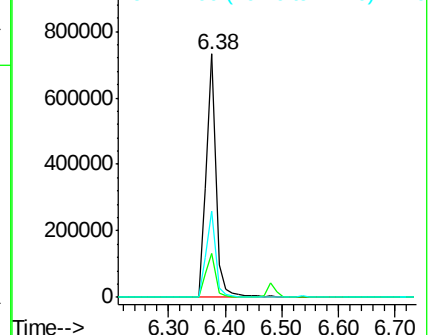
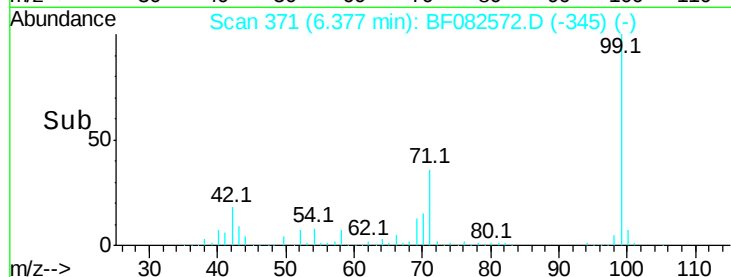
99 100

42 18.0 15.1 22.7

71 35.5 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



#10

Phenol

Concen: 6.29 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

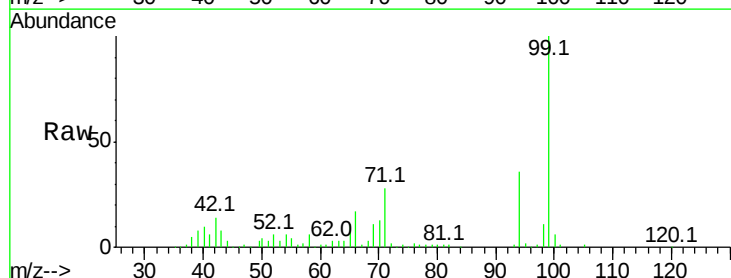
Tgt Ion: 94 Resp: 41267

Ion Ratio Lower Upper

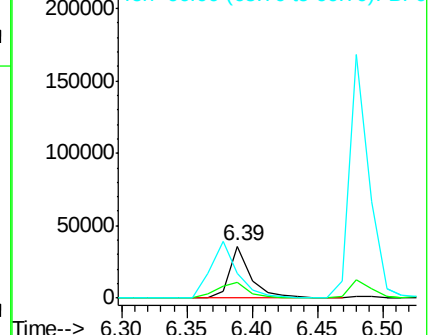
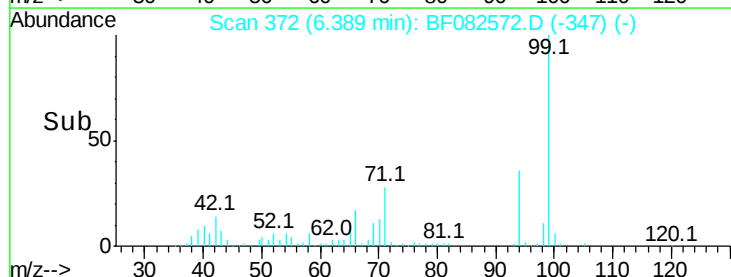
94 100

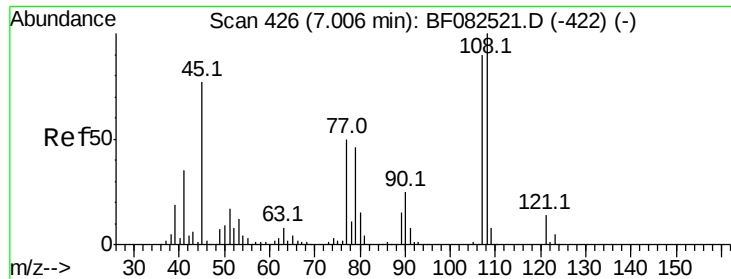
65 30.4 19.9 59.9

66 46.6 44.1 84.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 3.93 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

Tot Ion:107 Resp: 16378

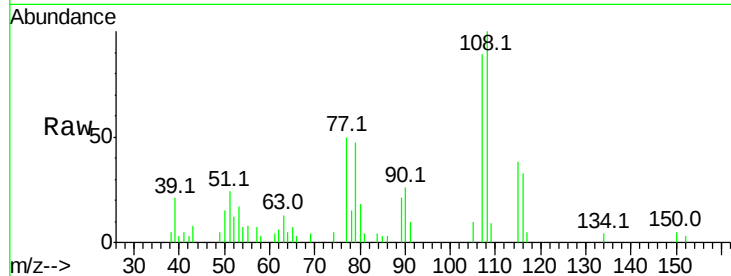
Ion Ratio Lower Upper

107 100

108 112.4 89.4 134.2

77 56.2 44.8 67.2

79 53.3 42.1 63.1

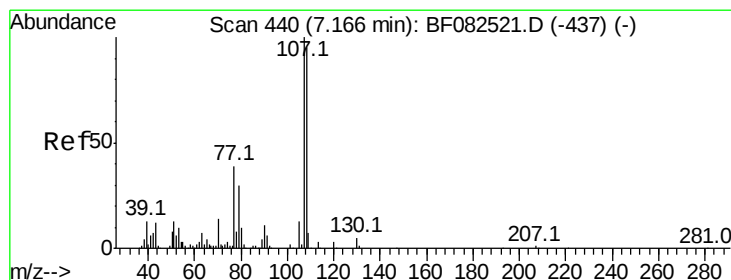
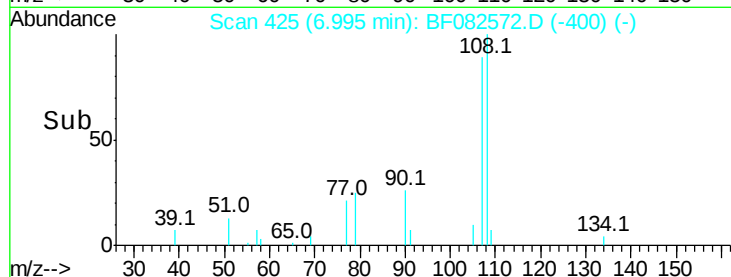
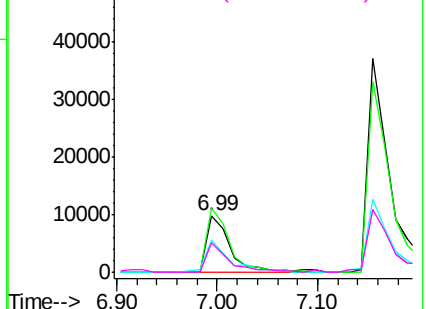


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#20

3+4-Methylphenols

Concen: 11.62 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Tgt Ion:107 Resp: 61919

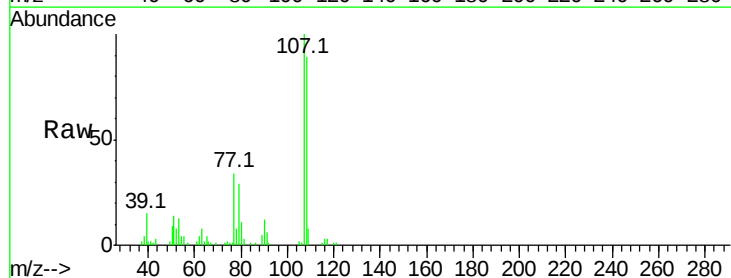
Ion Ratio Lower Upper

107 100

108 89.3 74.8 114.8

77 34.1 20.3 60.3

79 29.4 10.2 50.2

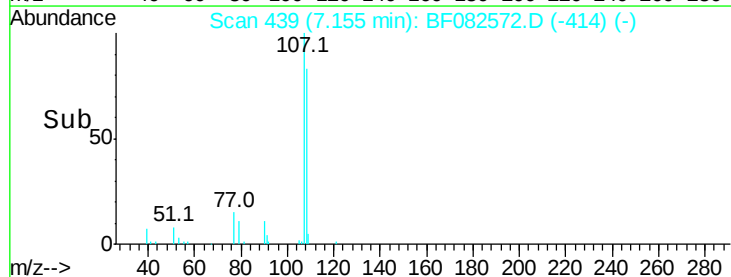
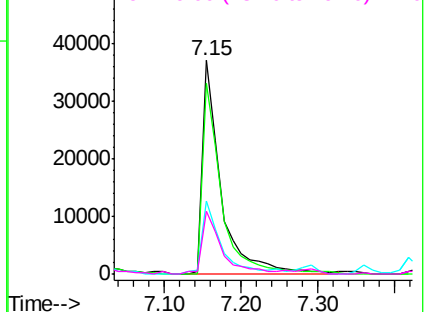


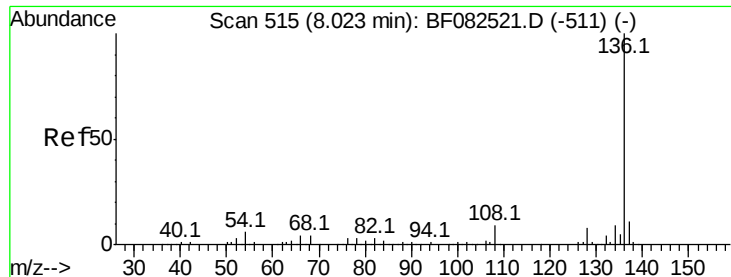
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

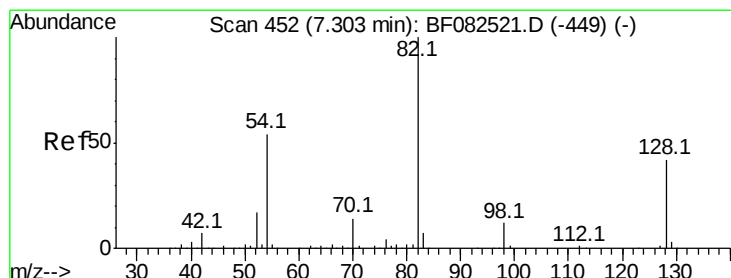
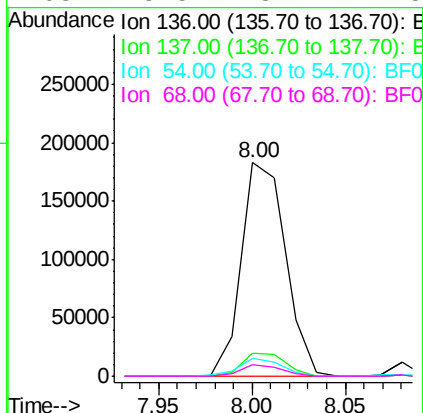
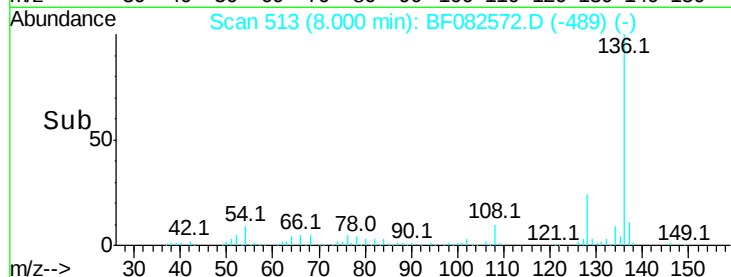
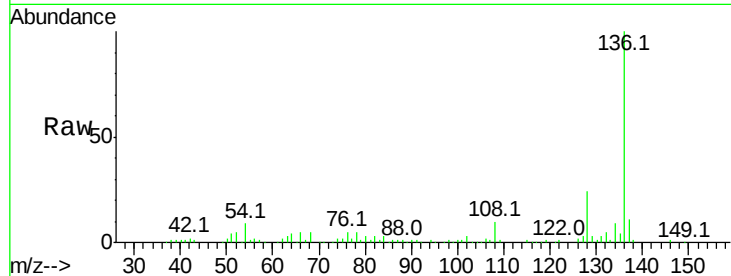




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

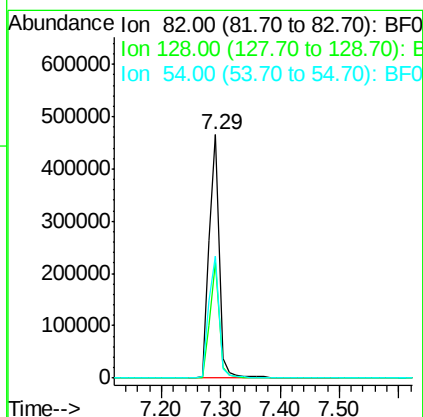
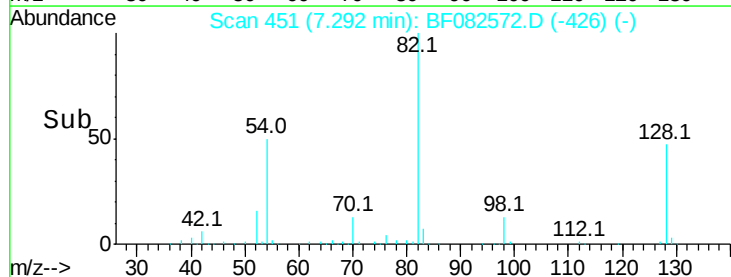
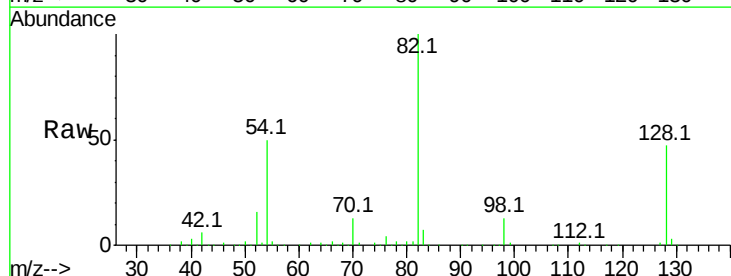
Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

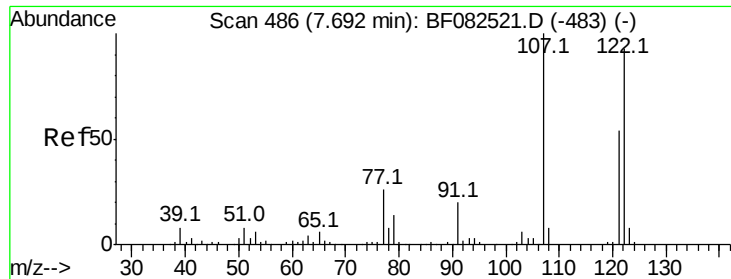
Tot Ion:136	Resp:	300680
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	8.6	4.6 7.0#
68	5.5	3.2 4.8#



#23
Nitrobenzene-d5
Concen: 119.30 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion: 82	Resp:	556016
Ion Ratio	Lower	Upper
82	100	
128	47.3	33.4 50.0
54	50.1	43.5 65.3

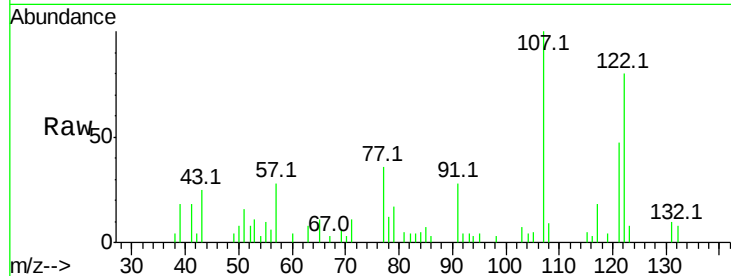




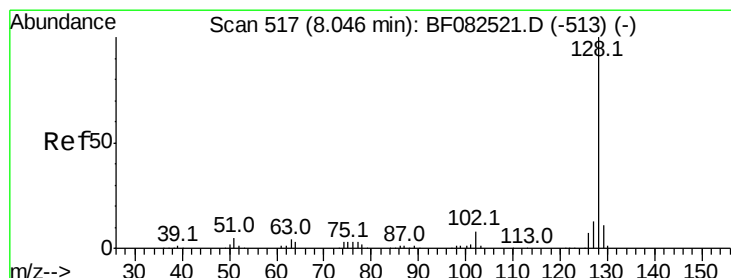
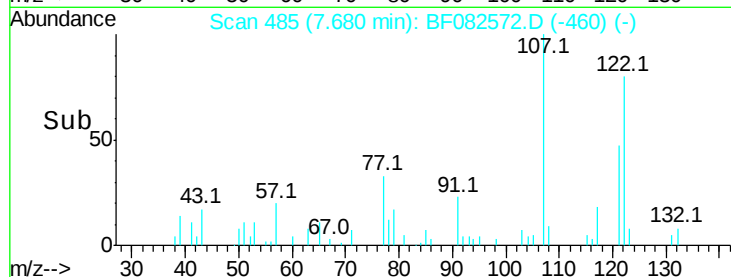
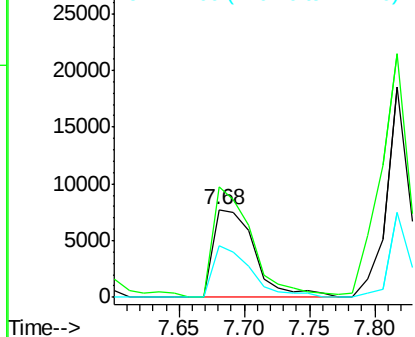
#27
2,4-Dimethylphenol
Concen: 4.20 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Tot Ion:122 Resp: 17163
Ion Ratio Lower Upper
122 100
107 125.4 85.8 128.8
121 58.7 46.2 69.2

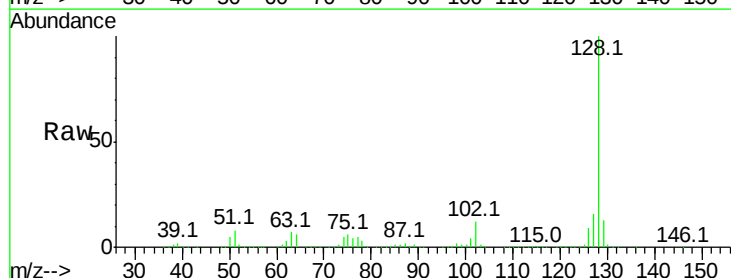


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

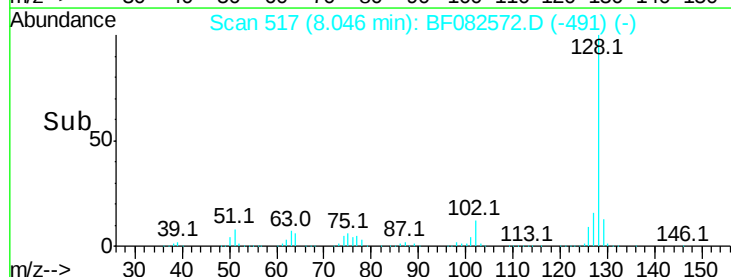
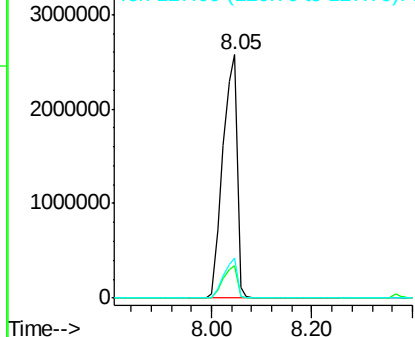


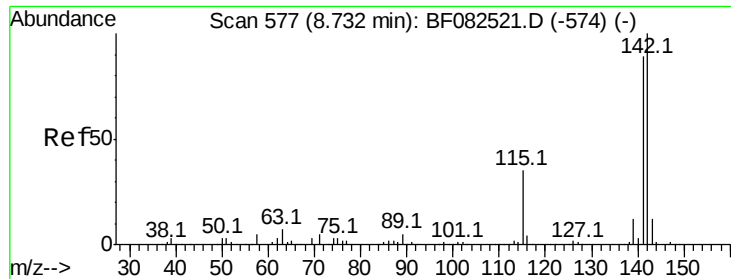
#31
Naphthalene
Concen: 370.65 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:128 Resp: 5093150
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8#
127 16.2 10.7 16.1#



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

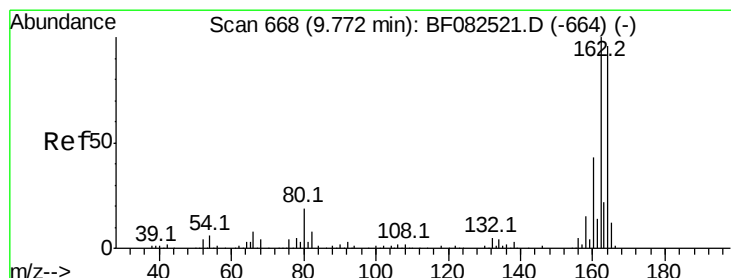
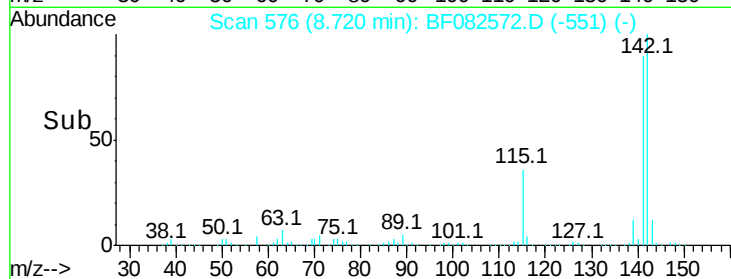
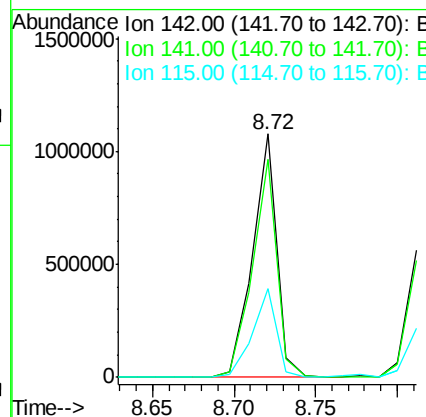
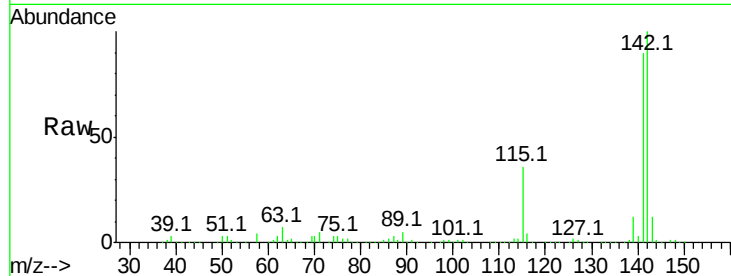




#37
2-Methylnaphthalene
Concen: 120.09 ng
RT: 8.72 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

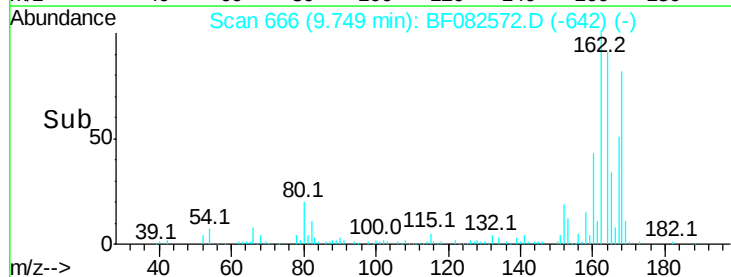
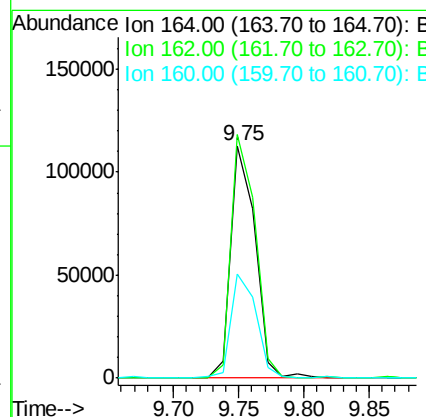
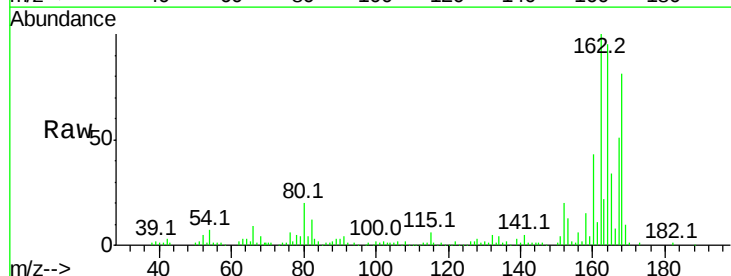
Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

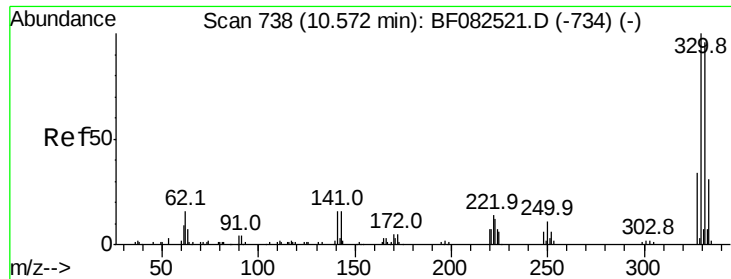
Tot Ion:142 Resp: 1114860
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 36.4 28.0 42.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:164 Resp: 147295
Ion Ratio Lower Upper
164 100
162 104.7 83.6 125.4
160 44.6 36.0 54.0

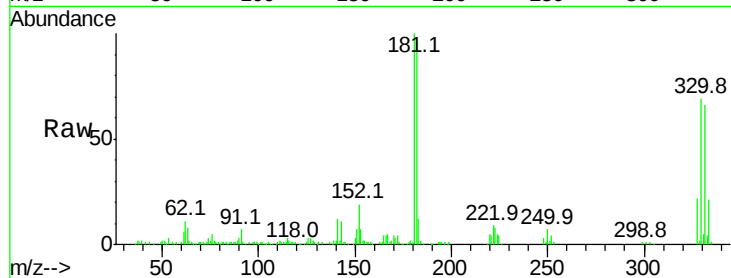




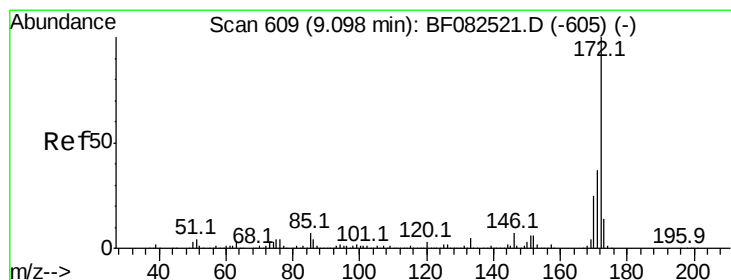
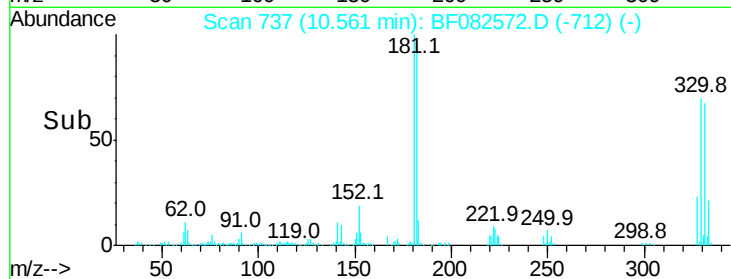
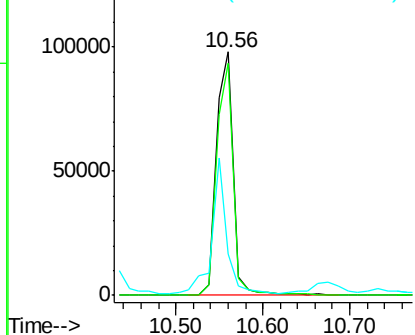
#41
 2,4,6-Tribromophenol
 Concen: 122.11 ng
 RT: 10.56 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF082572.D
 Acq: 28 Oct 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 S5-BOILERROOM2.5FTDEEP

Tot Ion:330 Resp: 134682
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.4 116.0
 141 47.9 32.5 48.7

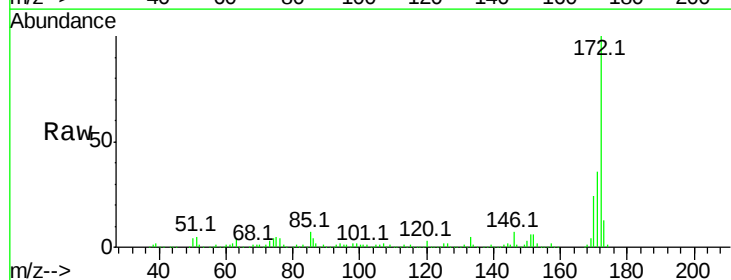


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

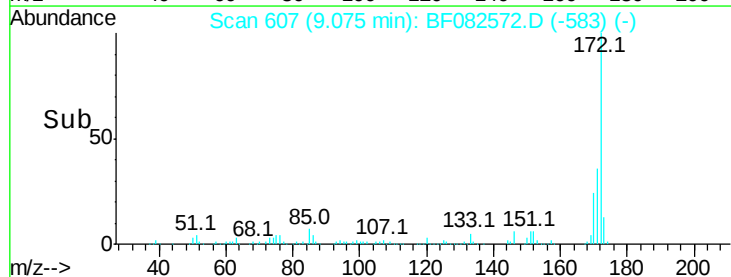
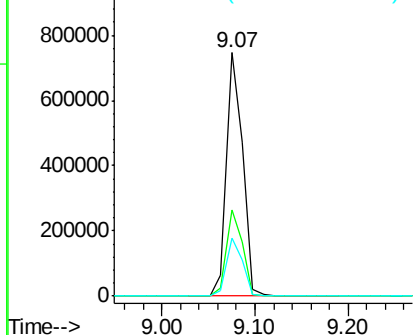


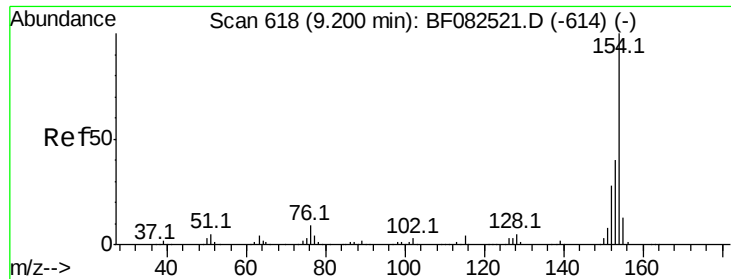
#44
 2-Fluorobiphenyl
 Concen: 97.83 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082572.D
 Acq: 28 Oct 2015 4:06

Tgt Ion:172 Resp: 906243
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.3 43.9
 170 23.9 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.93 ng

RT: 9.18 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

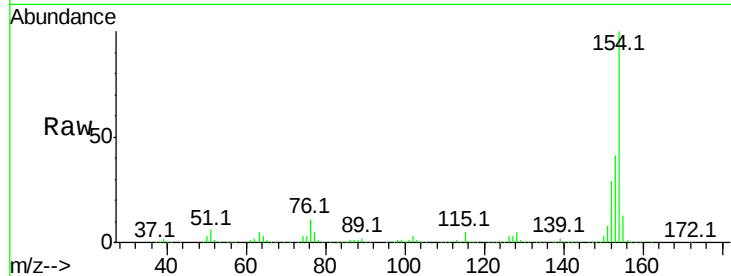
Tot Ion:154 Resp: 470592

Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

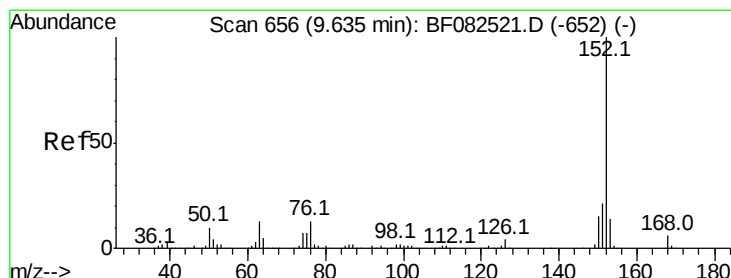
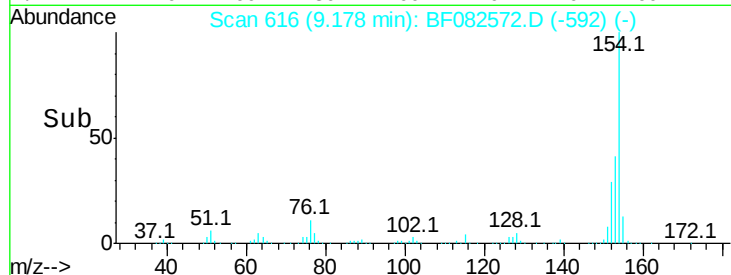
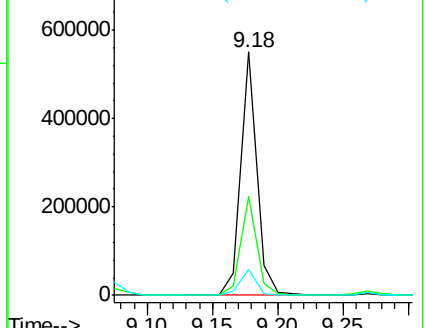
76 10.9 0.0 29.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 36.15 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

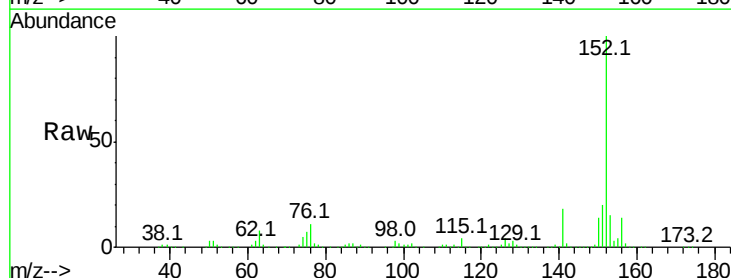
Tgt Ion:152 Resp: 500289

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

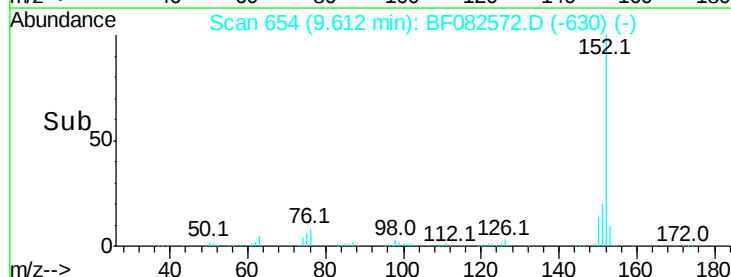
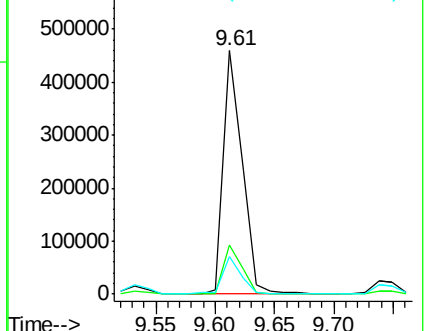
153 15.4 10.9 16.3

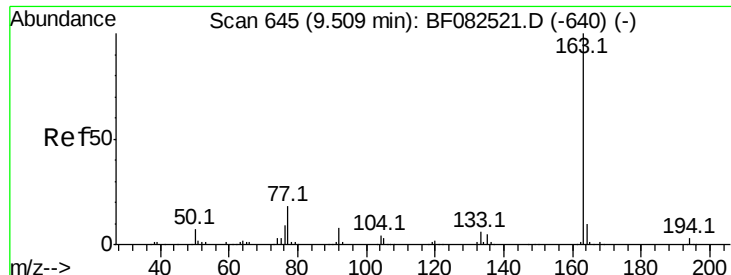


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 22.82 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

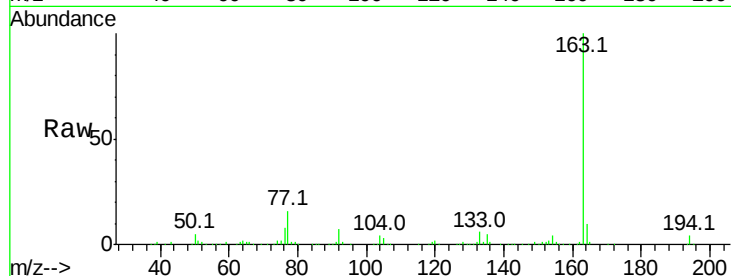
Tot Ion:163 Resp: 233899

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

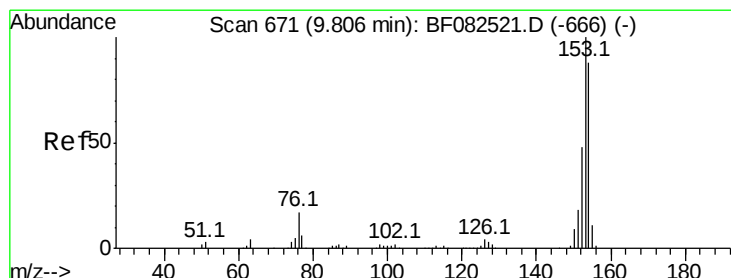
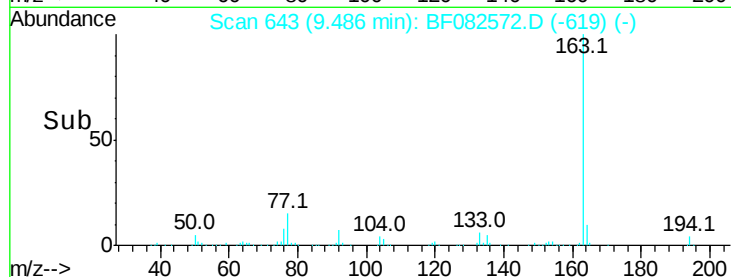
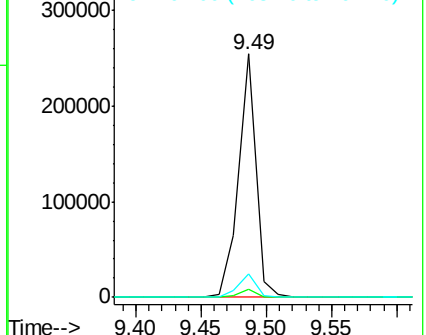
164 9.9 8.2 12.4



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: 181.90 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

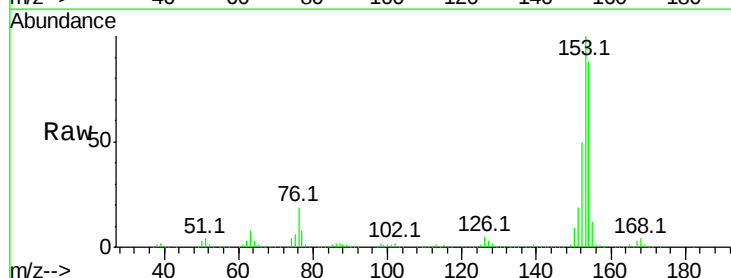
Tgt Ion:154 Resp: 1443560

Ion Ratio Lower Upper

154 100

153 114.1 90.7 136.1

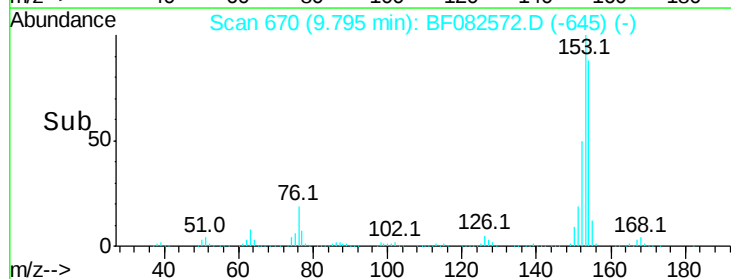
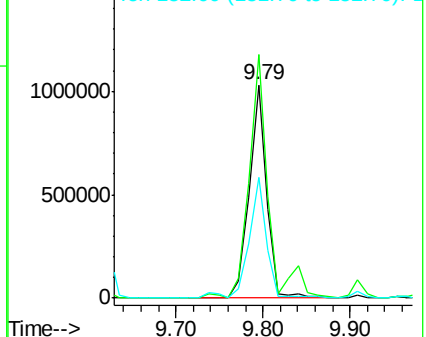
152 56.9 44.0 66.0

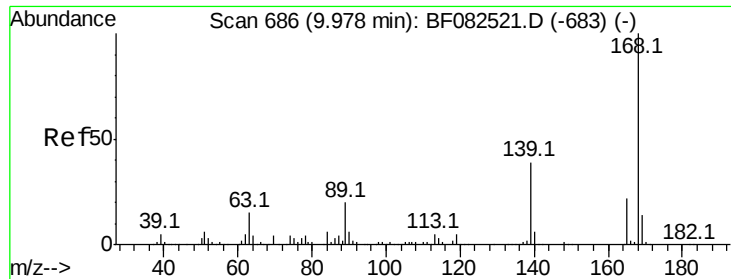


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

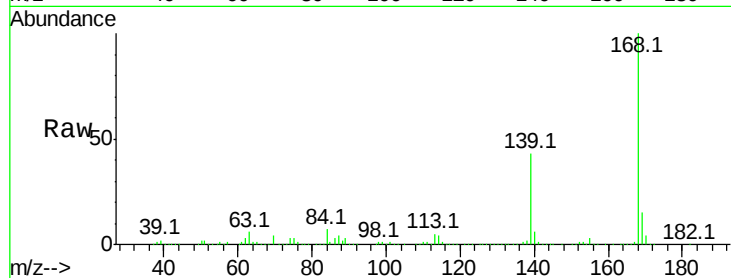




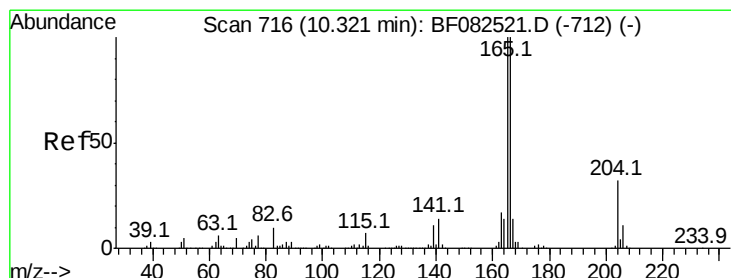
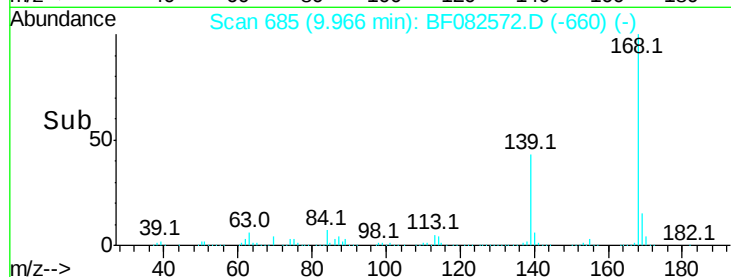
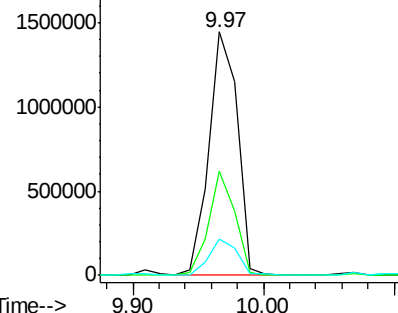
#54
Dibenzenofuran
Concen: 189.12 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Tot Ion:168 Resp: 2189979
Ion Ratio Lower Upper
168 100
139 42.6 33.0 49.6
169 15.2 11.0 16.4

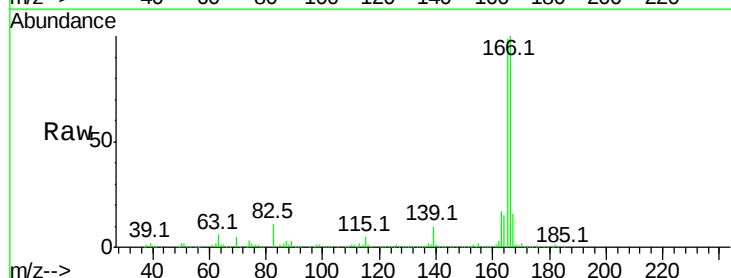


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

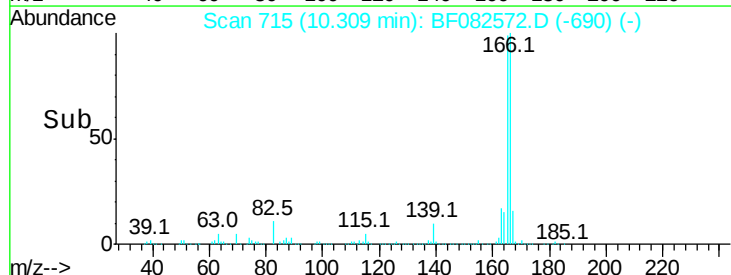
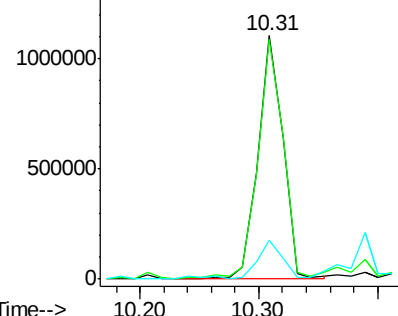


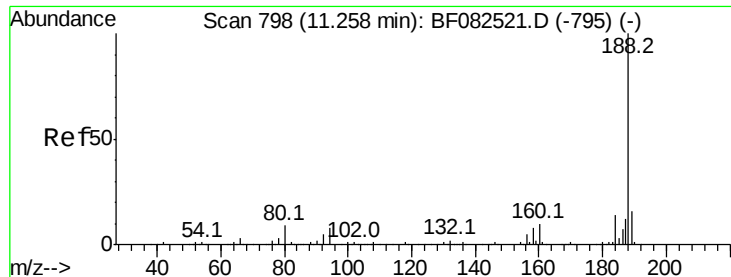
#57
Fluorene
Concen: 168.48 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:166 Resp: 1601576
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 15.8 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: 11.27 min Scan# 799

Delta R.T. 0.01 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

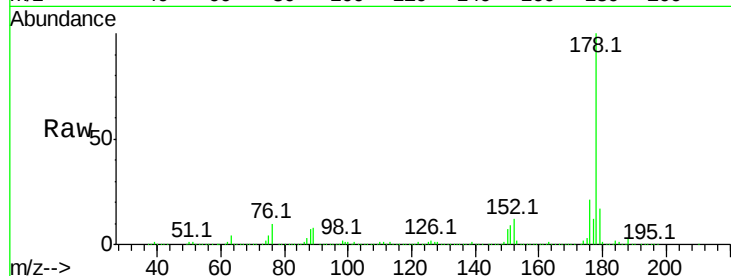
Tot Ion:188 Resp: 164979

Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

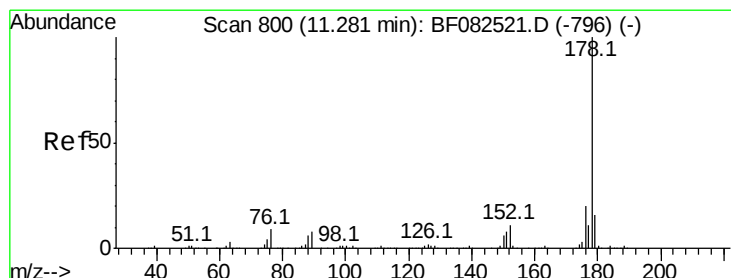
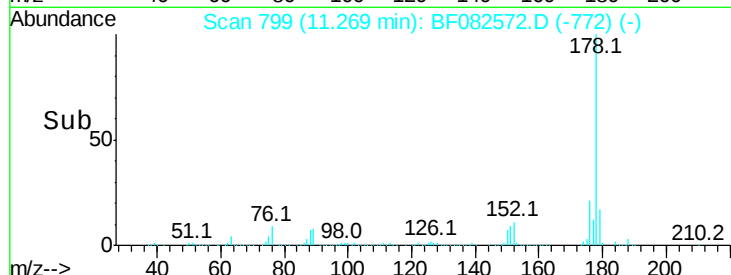
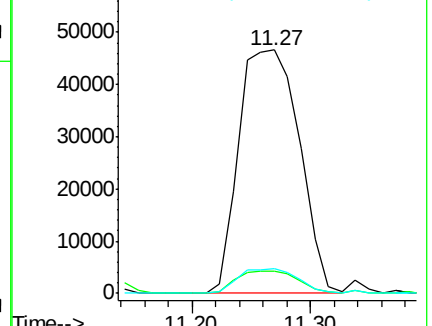
80 10.1 7.0 10.6



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: 1255.51 ng m

RT: 11.33 min Scan# 804

Delta R.T. 0.05 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

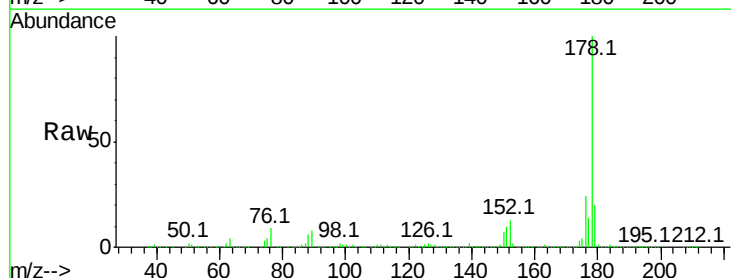
Tgt Ion:178 Resp:10659949

Ion Ratio Lower Upper

178 100

176 24.5 15.9 23.9#

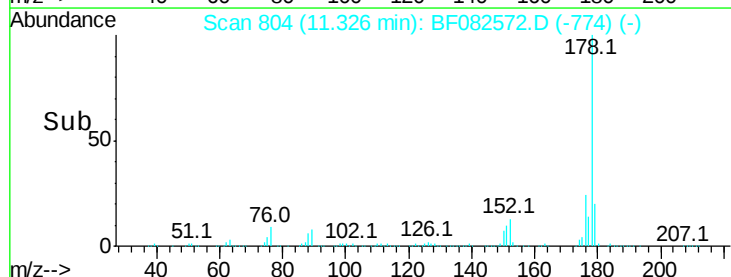
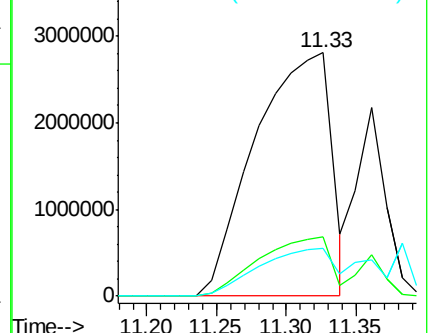
179 19.6 12.8 19.2#

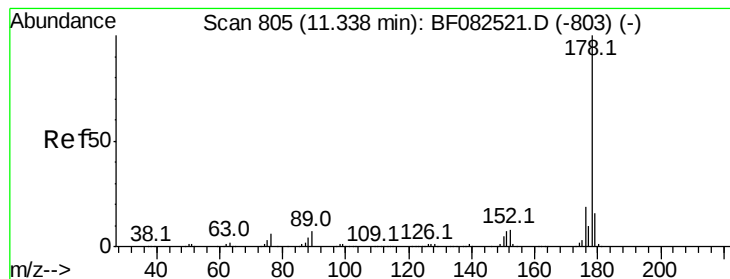


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 377.72 ng/mL

RT: 11.36 min Scan# 807

Delta R.T. 0.02 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

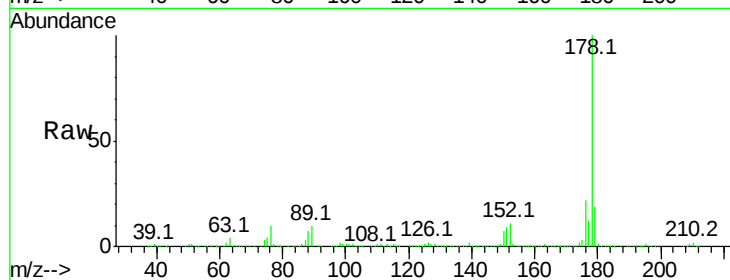
BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

Tot Ion:178 Resp: 3229608

Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.2	22.8
179	18.9	12.6	19.0

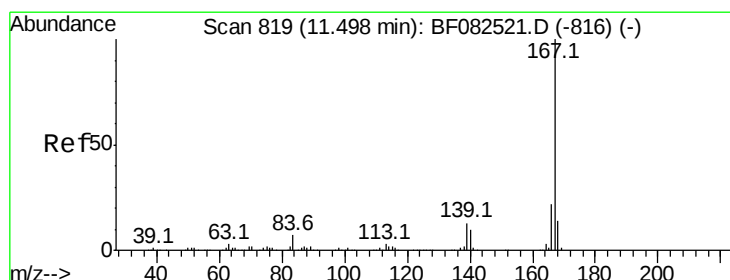
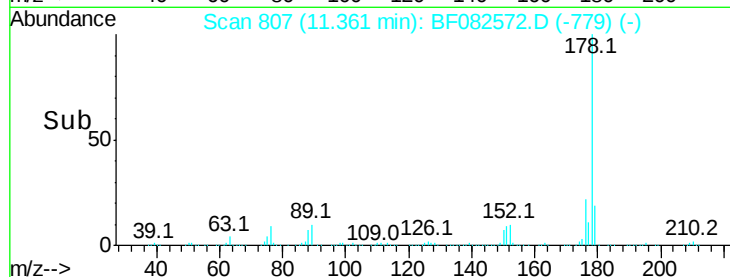
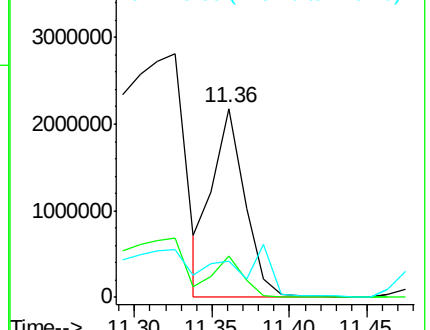


Abundance

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: 388.98 ng/mL

RT: 11.51 min Scan# 820

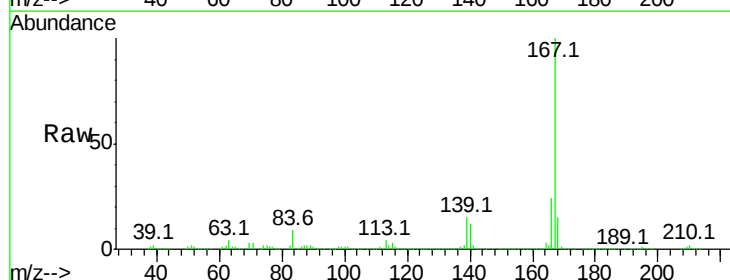
Delta R.T. 0.01 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Tgt Ion:167 Resp: 2932940

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.9	26.9
139	15.3	10.4	15.6

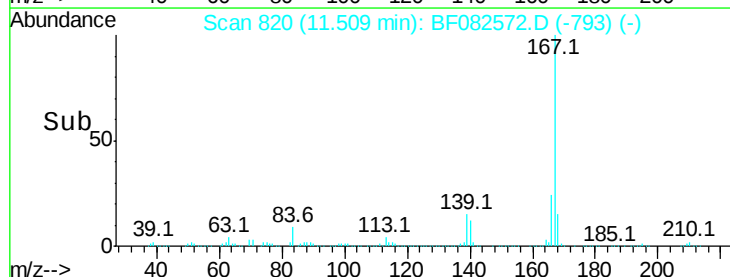
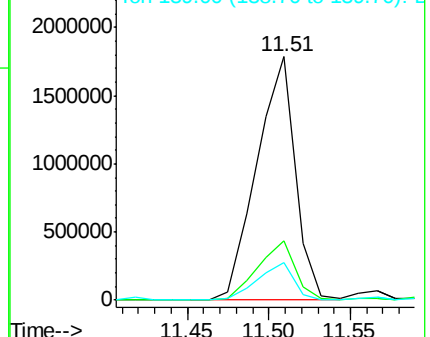


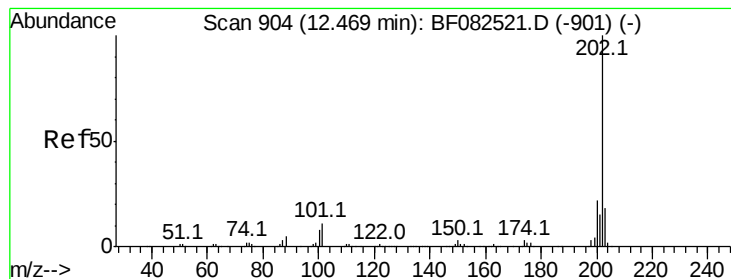
Abundance

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: 1273.90 ng

RT: 12.53 min Scan# 909

Delta R.T. 0.06 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

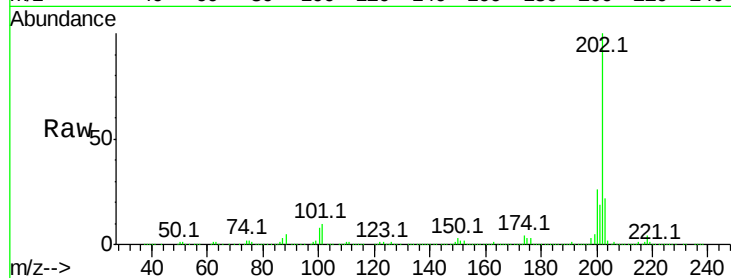
Tot Ion:202 Resp:11102320

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.2

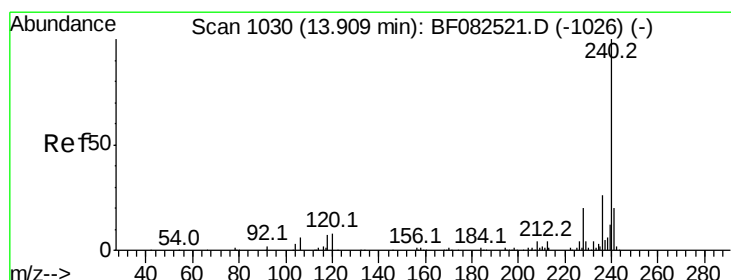
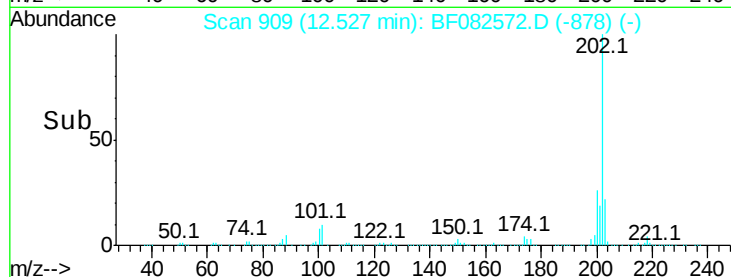
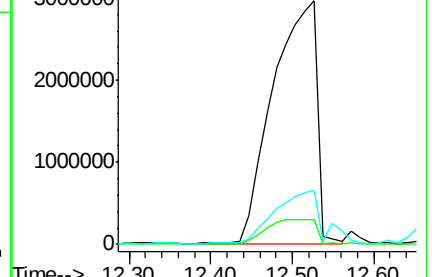
203 22.1 0.0 38.1



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: 13.94 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

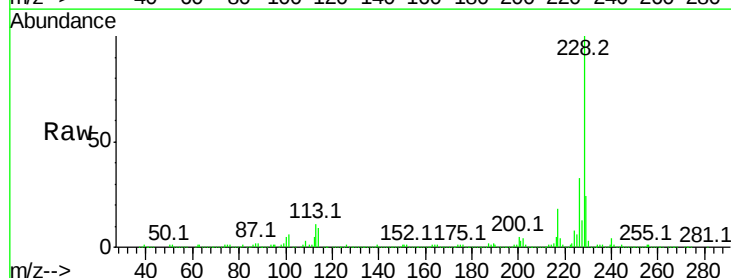
Tgt Ion:240 Resp: 136212

Ion Ratio Lower Upper

240 100

120 10.5 6.5 9.7#

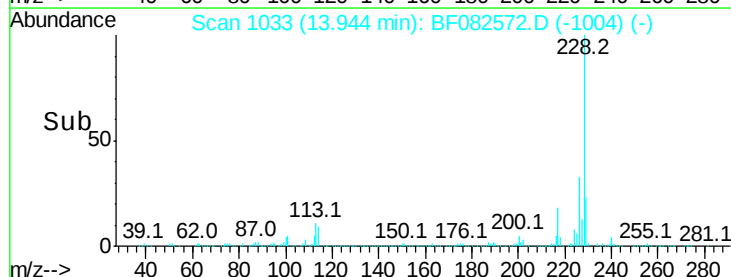
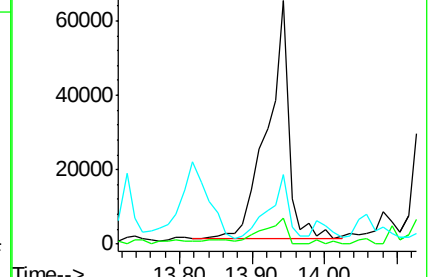
236 28.7 20.5 30.7

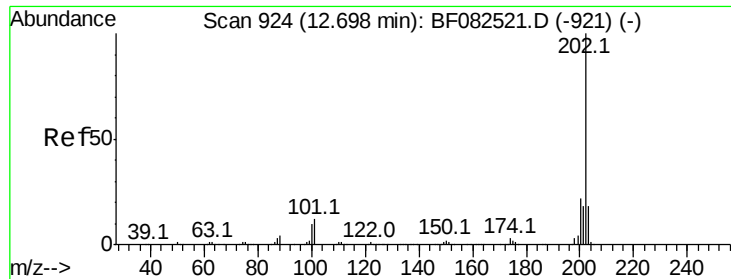


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

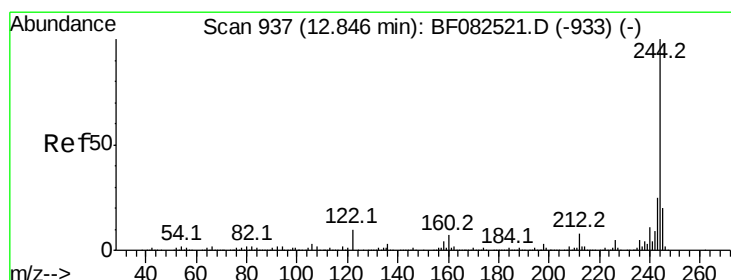
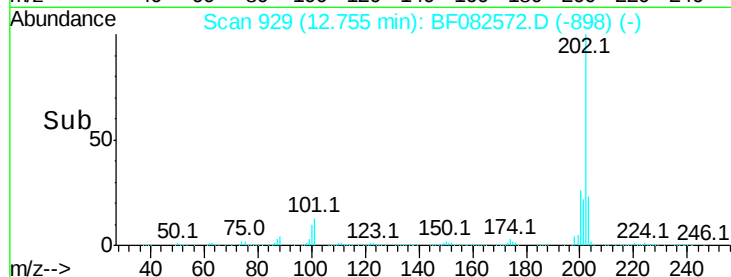
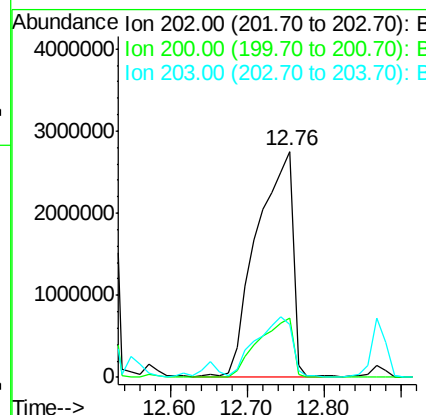
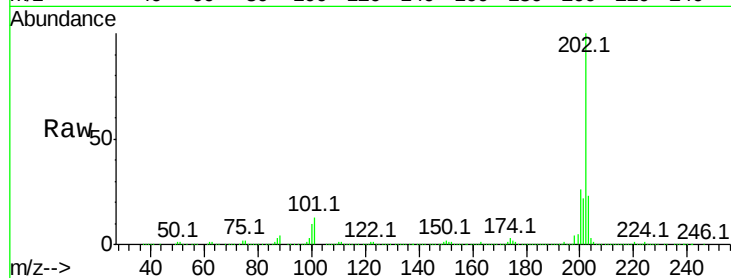




#77
Pvrene
Concen: 1054.81 ng
RT: 12.76 min Scan# 929
Delta R.T. 0.06 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

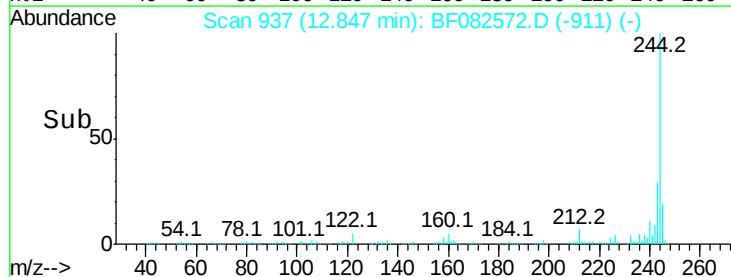
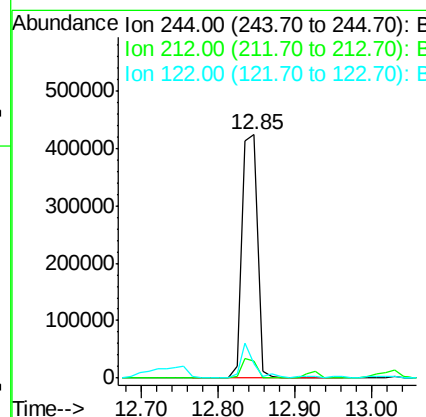
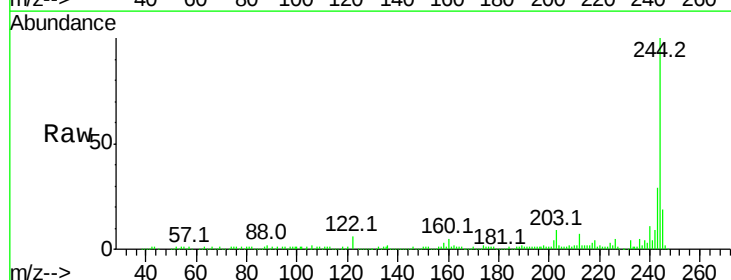
Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

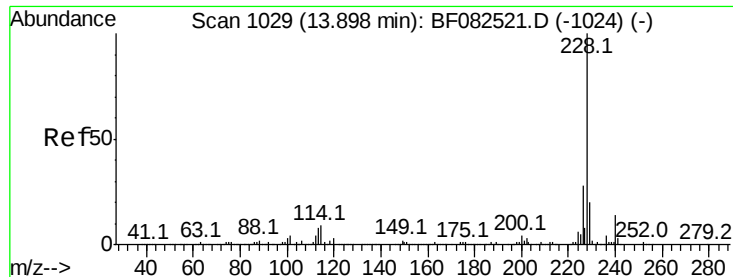
Tot Ion:202 Resp: 8837422
Ion Ratio Lower Upper
202 100
200 26.4 17.6 26.4#
203 23.3 14.6 22.0#



#78
Terphenyl-d14
Concen: 127.69 ng
RT: 12.85 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:244 Resp: 603724
Ion Ratio Lower Upper
244 100
212 7.1 6.4 9.6
122 5.9 8.1 12.1#

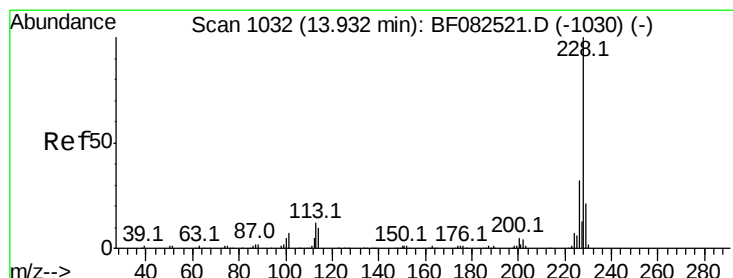
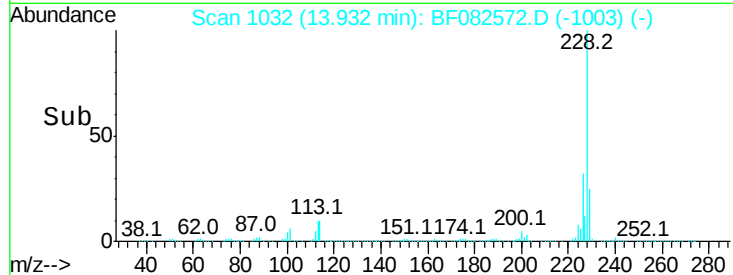
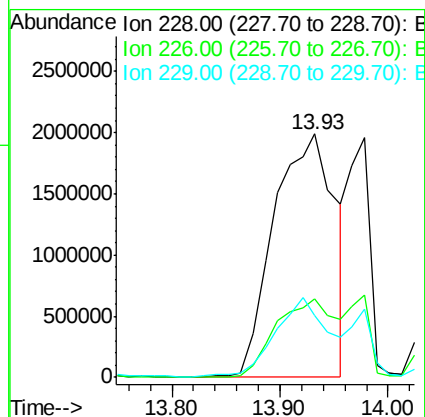
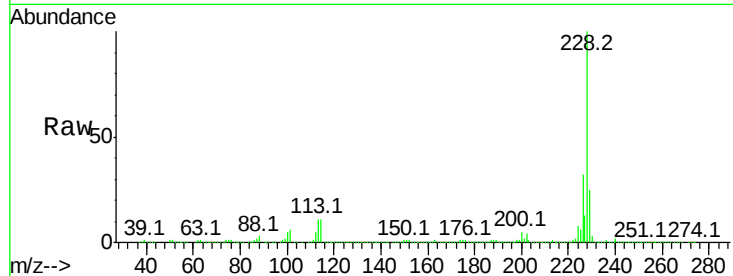




#80
Benzo(a)anthracene
Concen: 1068.91 ng m
RT: 13.93 min Scan# 1032
Delta R.T. 0.03 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

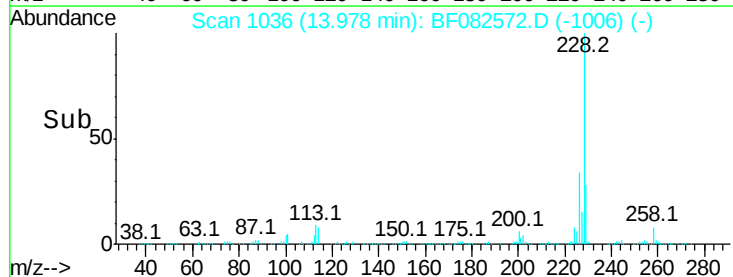
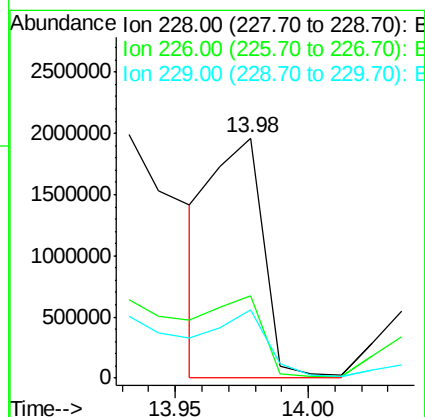
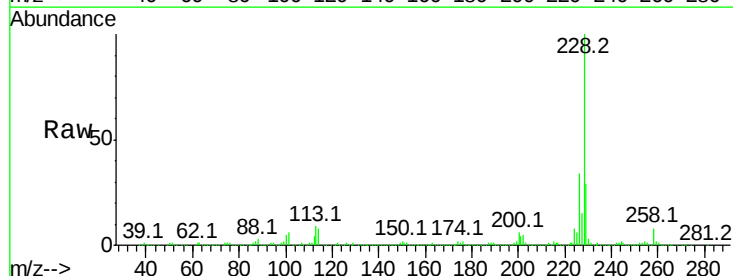
Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

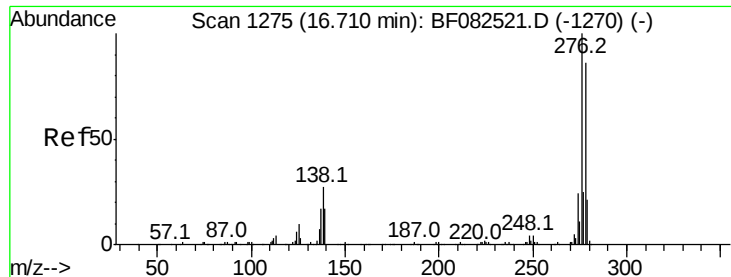
Tot Ion:228 Resp: 7805791
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 25.3 16.1 24.1#



#82
Chrysene
Concen: 382.76 ng m
RT: 13.98 min Scan# 1036
Delta R.T. 0.05 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:228 Resp: 2640368
Ion Ratio Lower Upper
228 100
226 34.5 25.2 37.8
229 28.6 16.3 24.5#

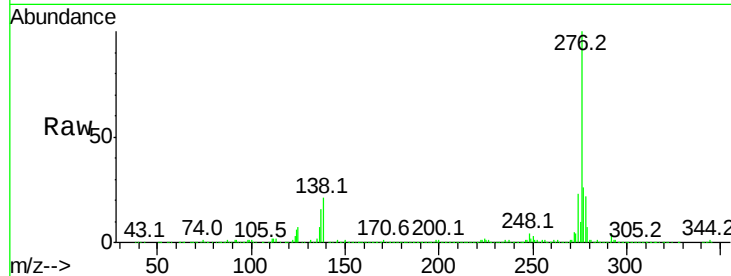




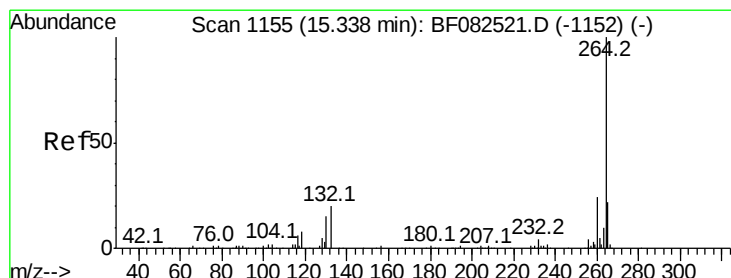
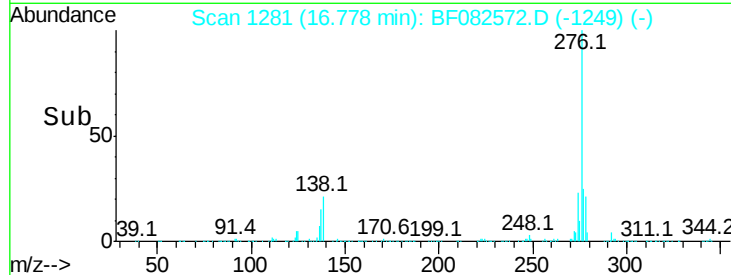
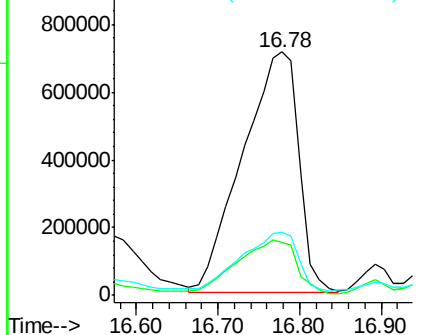
#85
Indeno(1,2,3-cd)pyrene
Concen: 534.52 ng
RT: 16.78 min Scan# 1281
Delta R.T. 0.07 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

Tot Ion:276 Resp: 3387568
Ion Ratio Lower Upper
276 100
138 23.2 20.6 30.8
277 24.2 19.9 29.9

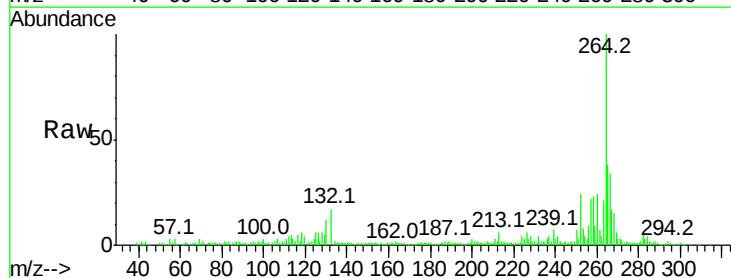


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

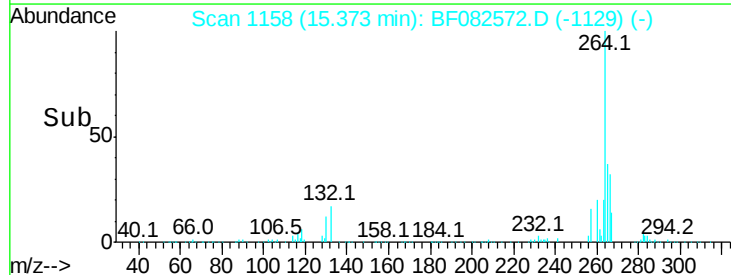
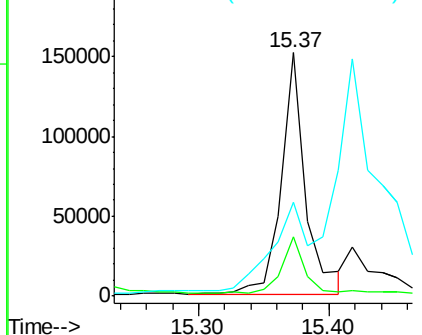


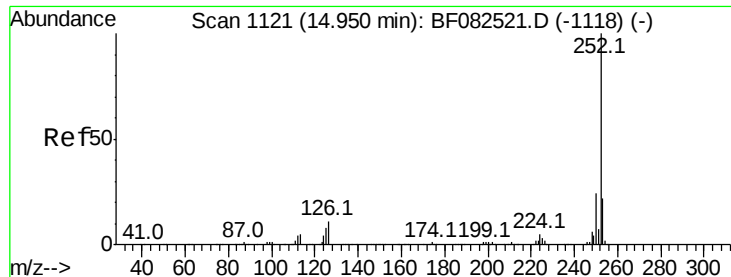
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1158
Delta R.T. 0.03 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:264 Resp: 197557
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 38.4 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: 732.25 ng m

RT: 15.00 min Scan# 1125

Delta R.T. 0.05 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

Instrument :

BNA_F

ClientSampleId :

S5-BOILERROOM2.5FTDEEP

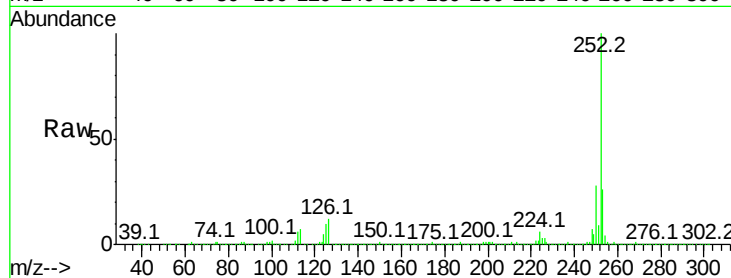
Tot Ion:252 Resp: 8590769

Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

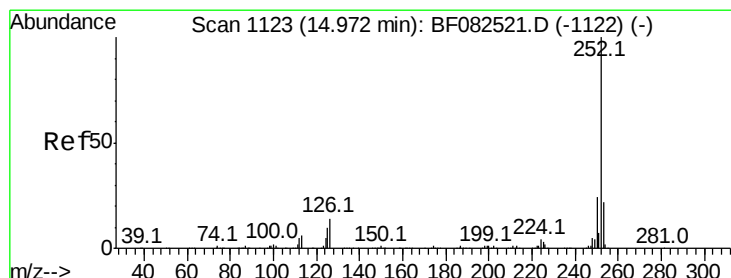
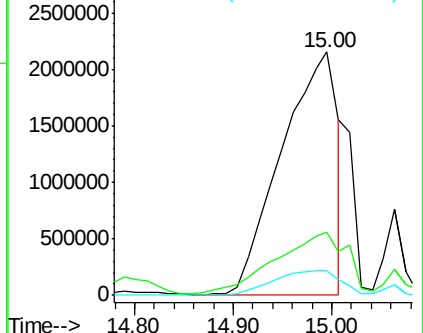
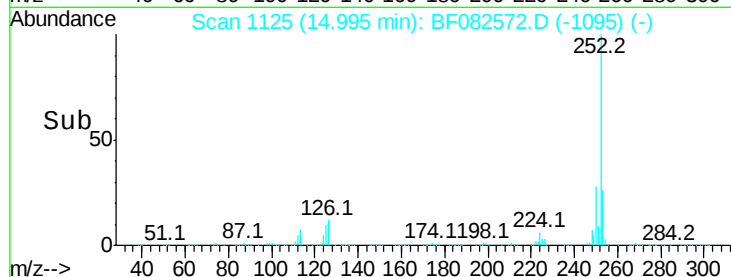
125 10.2 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 112.36 ng m

RT: 15.01 min Scan# 1126

Delta R.T. 0.03 min

Lab File: BF082572.D

Acq: 28 Oct 2015 4:06

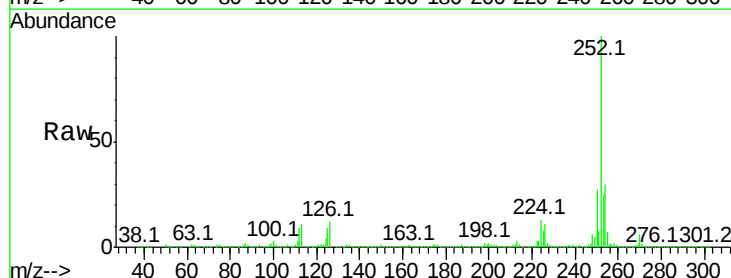
Tgt Ion:252 Resp: 1074715

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

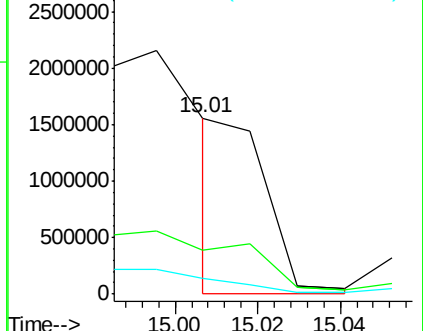
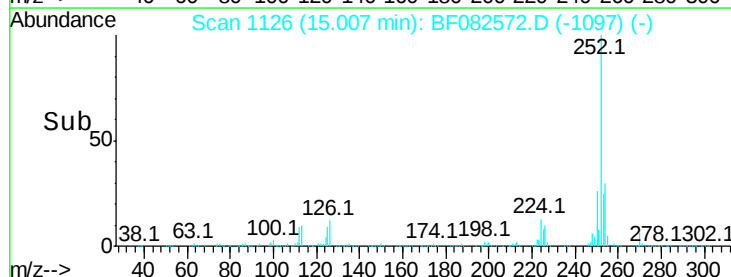
125 9.2 8.7 13.1

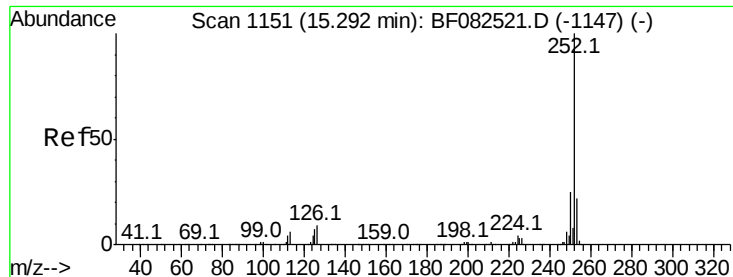


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

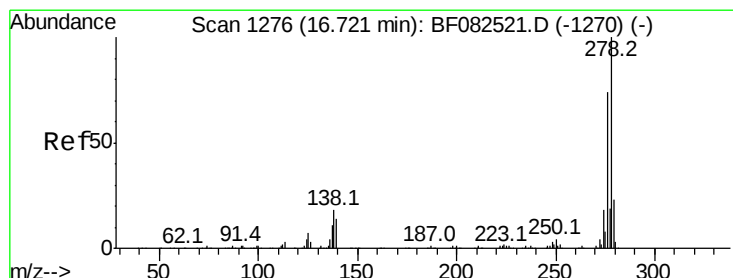
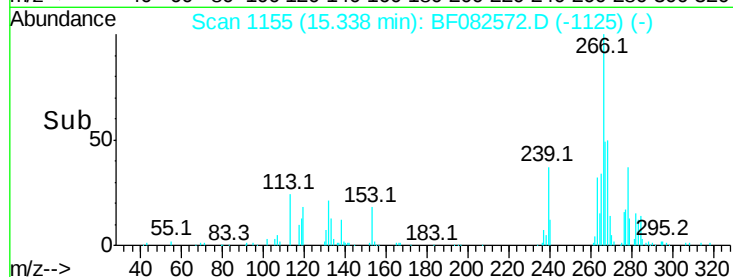
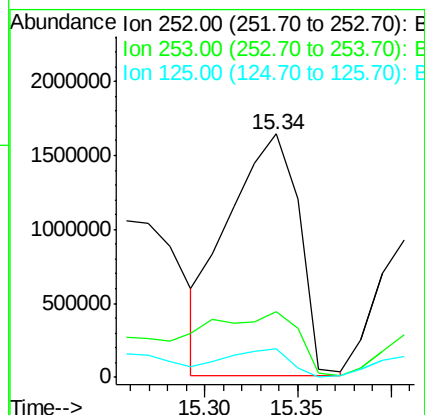
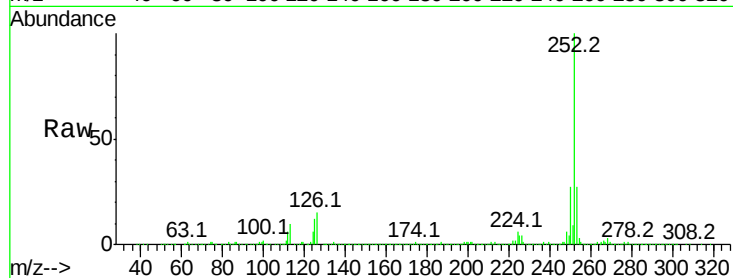




#89
Benzo(a)pyrene
Concen: 424.93 ng
RT: 15.34 min Scan# 1155
Delta R.T. 0.05 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

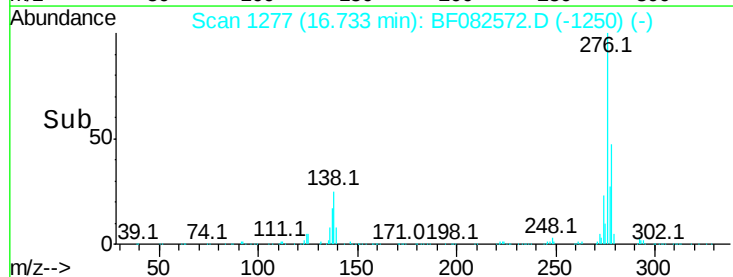
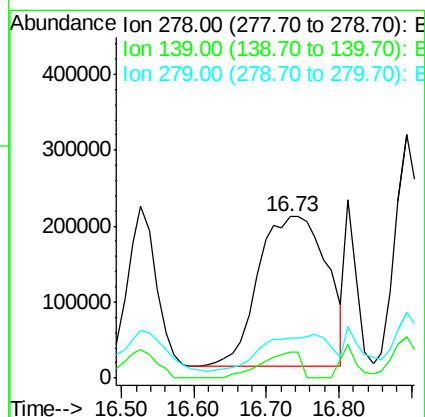
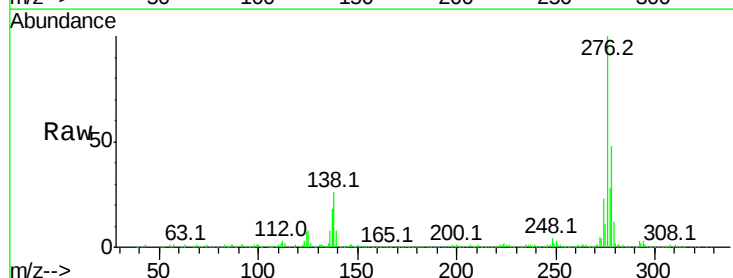
Instrument :
BNA_F
ClientSampleId :
S5-BOILERROOM2.5FTDEEP

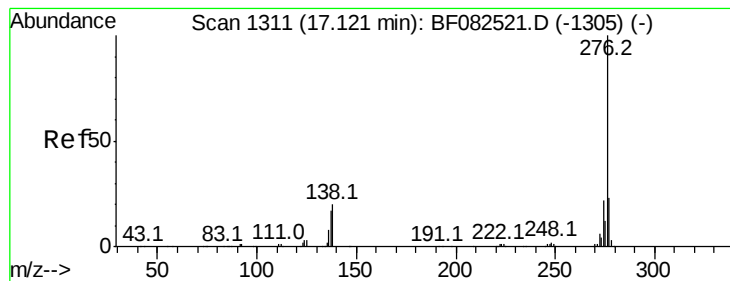
Tot Ion:252 Resp: 4319064
Ion Ratio Lower Upper
252 100
253 26.8 17.3 25.9#
125 11.6 5.9 8.9#



#90
Dibenzo(a,h)anthracene
Concen: 153.81 ng
RT: 16.73 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF082572.D
Acq: 28 Oct 2015 4:06

Tgt Ion:278 Resp: 1307955
Ion Ratio Lower Upper
278 100
139 15.7 11.6 17.4
279 25.1 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 350.12 ng
 RT: 17.21 min Scan# 1319
 Delta R.T. 0.09 min
 Lab File: BF082572.D
 Acq: 28 Oct 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 S5-BOILERROOM2.5FTDEEP

Tot Ion:276 Resp: 2945952
 Ion Ratio Lower Upper
 276 100
 277 26.8 18.3 27.5
 138 22.7 16.0 24.0

