

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082610.D
 Acq On : 31 Oct 2015 9:46
 Operator : UM/IZ
 Sample : G4178-01DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEPDL

Quant Time: Nov 02 00:25:55 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	192912	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	776807	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	400918	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	704187	20.00	ng	0.00
75) Chrysene-d12	14.08	240	470601	20.00	ng	0.00
86) Perylene-d12	15.54	264	406697	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	194606	15.19	ng	-0.01
7) Phenol-d6	6.52	99	282518	16.60	ng	-0.01
23) Nitrobenzene-d5	7.46	82	192020	10.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	55072	12.55	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	285046	10.09	ng	-0.01
78) Terphenyl-d14	13.01	244	247359	11.50	ng	-0.01

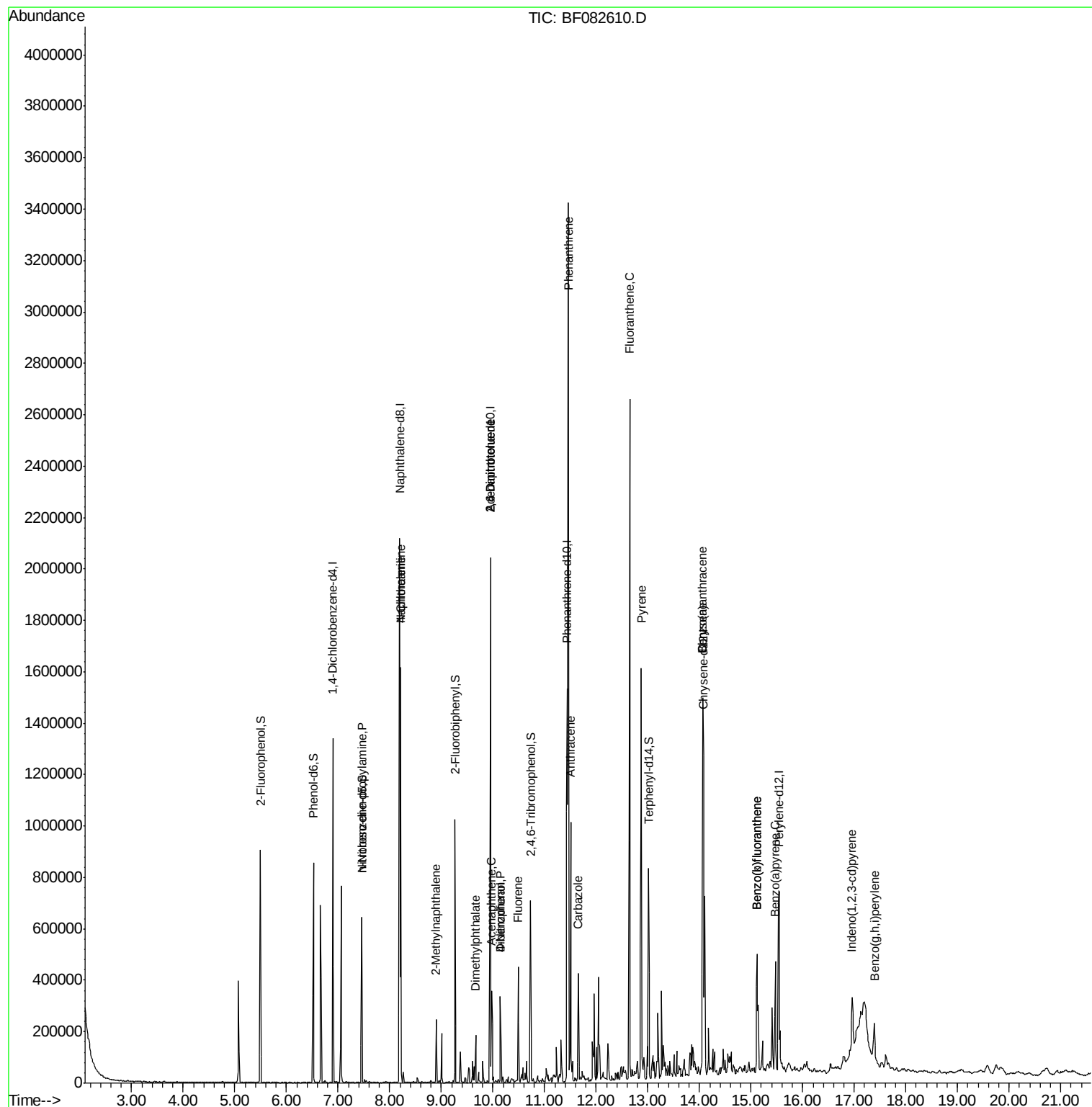
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.46	70	26150	2.03	ng	# 70
31) Naphthalene	8.21	128	613430	14.59	ng	99
33) 4-Chloroaniline	8.21	127	82513	4.60	ng	# 28
37) 2-Methylnaphthalene	8.90	142	82167	3.02	ng	96
49) Dimethylphthalate	9.66	163	76153	2.33	ng	99
50) 2,6-Dinitrotoluene	9.95	165	54277	8.00	ng	# 17
51) Acenaphthene	9.97	154	92532	3.45	ng	96
54) Dibenzofuran	10.14	168	140758	3.86	ng	100
55) 4-Nitrophenol	10.14	139	58420	10.28	ng	# 2
56) 2,4-Dinitrotoluene	9.95	165	54277	5.91	ng	# 15
57) Fluorene	10.49	166	136848	4.66	ng	99
70) Phenanthrene	11.46	178	1273426	32.06	ng	98
71) Anthracene	11.50	178	355606	8.89	ng	99
72) Carbazole	11.65	167	142578	4.09	ng	99
74) Fluoranthene	12.65	202	1086943	26.77	ng	96
77) Pyrene	12.88	202	823284	23.63	ng	97
80) Benzo(a)anthracene	14.07	228	388959	13.01	ng	98
82) Chrysene	14.07	228	388959	14.36	ng	95
85) Indeno(1,2,3-cd)pyrene	16.96	276	140205	6.27	ng	92
87) Benzo(b)fluoranthene	15.12	252	373383	13.31	ng	99
88) Benzo(k)fluoranthene	15.12	252	373383	17.48	ng	# 98
89) Benzo(a)pyrene	15.47	252	205679	9.31	ng	97
91) Benzo(g,h,i)perylene	17.39	276	130994	6.56	ng	96

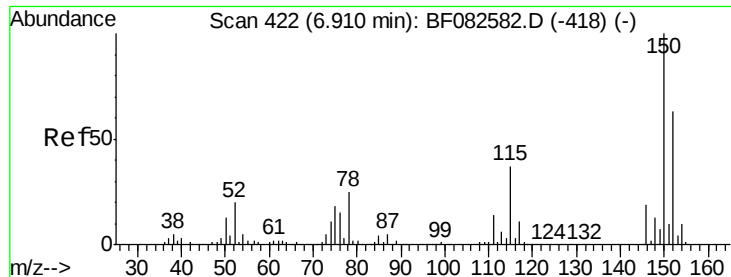
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

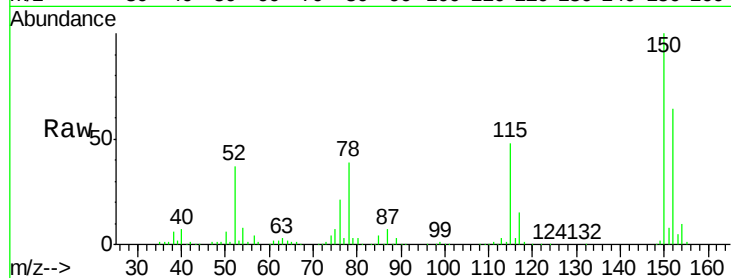
Tgt Ion:152 Resp: 192912

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

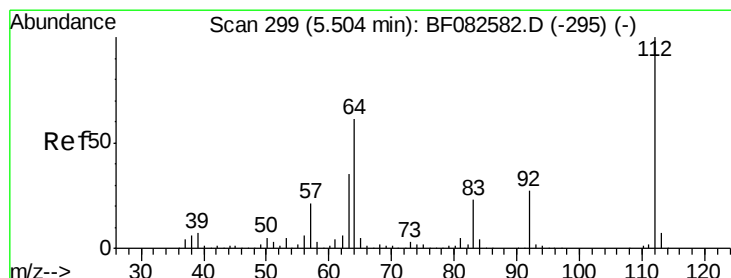
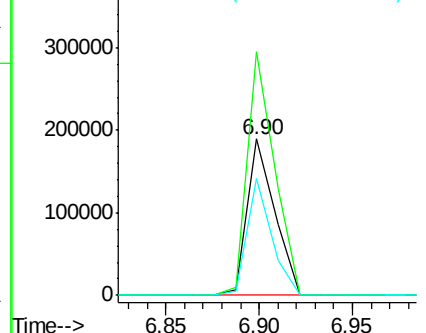
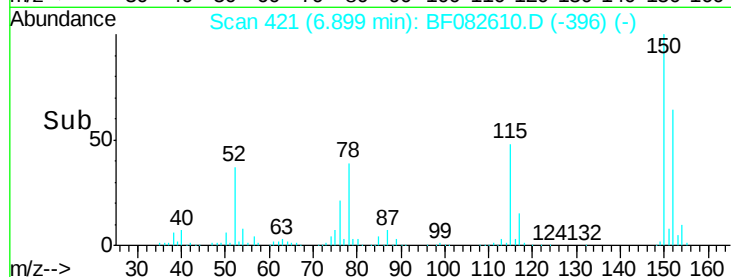
115 75.2 47.0 70.6#



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



#5

2-Fluorophenol

Concen: 15.19 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

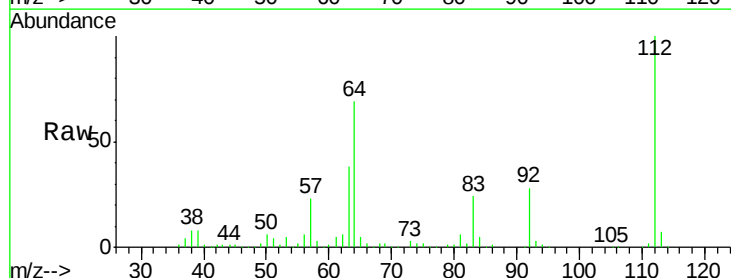
Tgt Ion:112 Resp: 194606

Ion Ratio Lower Upper

112 100

64 69.4 48.9 73.3

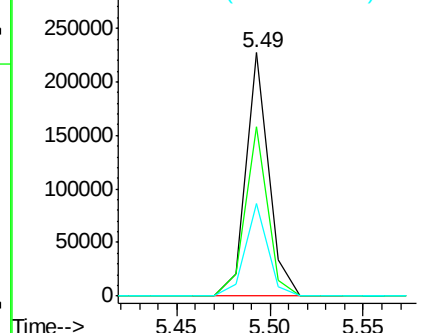
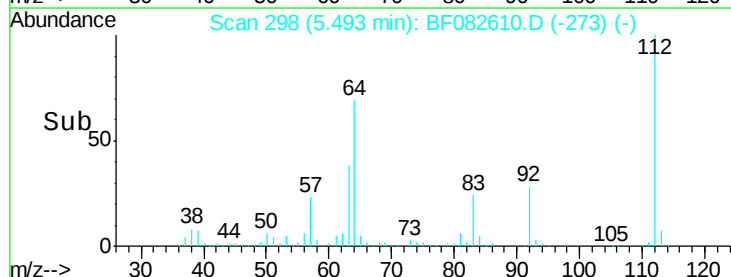
63 37.9 28.1 42.1



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: 16.60 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPDL

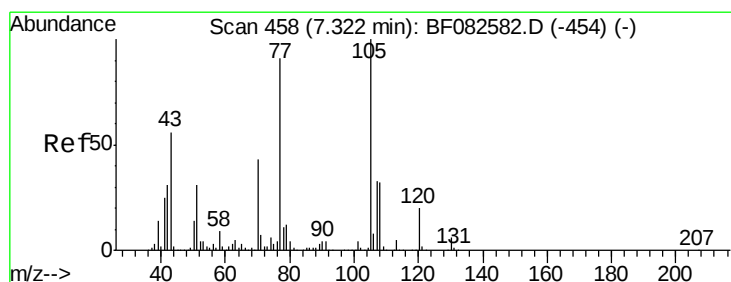
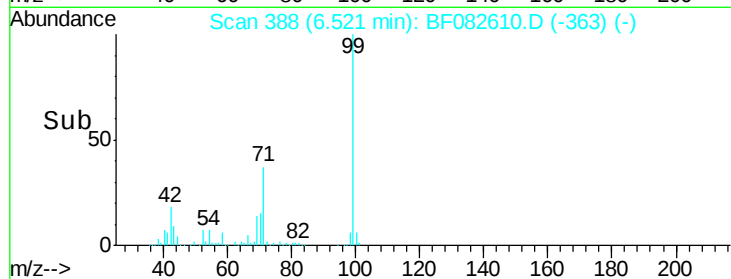
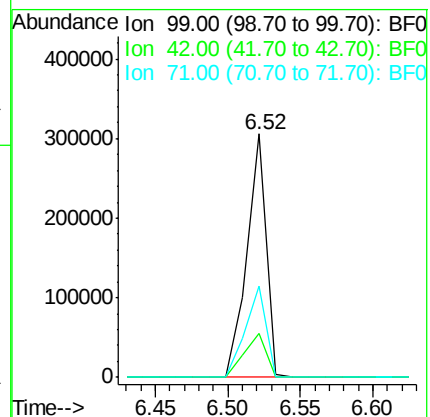
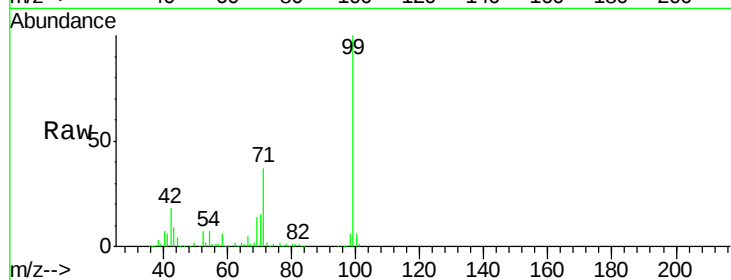
Tgt Ion: 99 Resp: 282518

Ion Ratio Lower Upper

99 100

42 18.0 19.2 28.8#

71 37.4 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.03 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Tgt Ion: 70 Resp: 26150

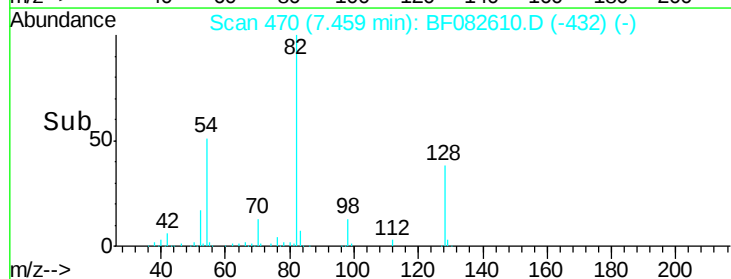
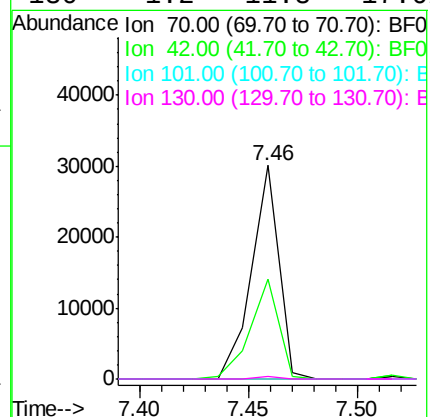
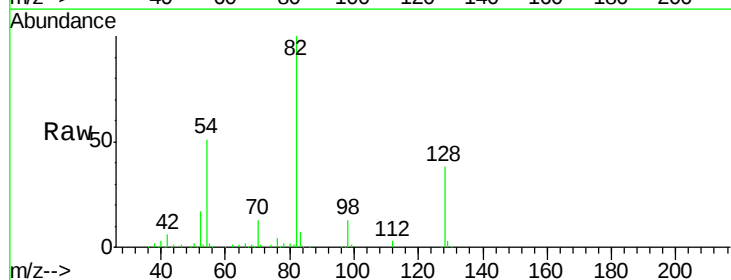
Ion Ratio Lower Upper

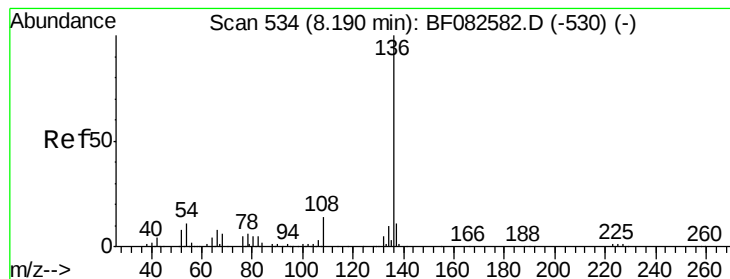
70 100

42 47.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.2 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: BF082610.D

Acq: 31 Oct 2015 9:46

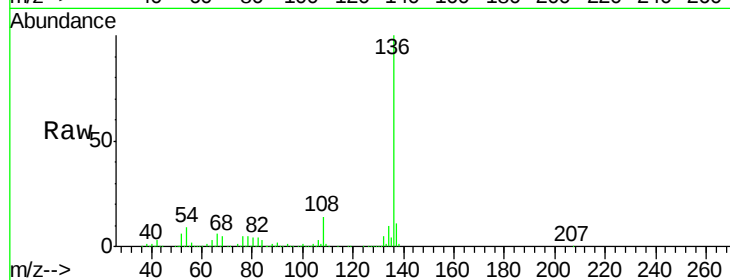
Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

Tgt Ion:	136	Resp:	776807
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.4	9.1	13.7
68	5.4	4.8	7.2

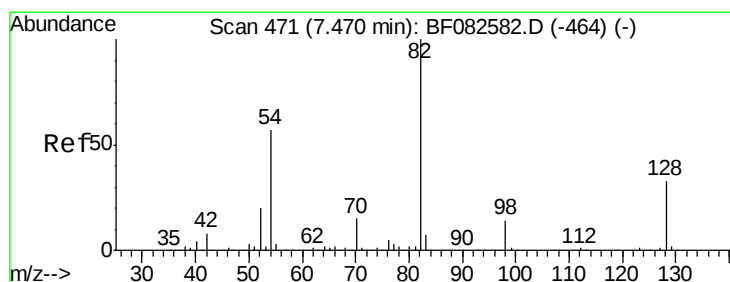
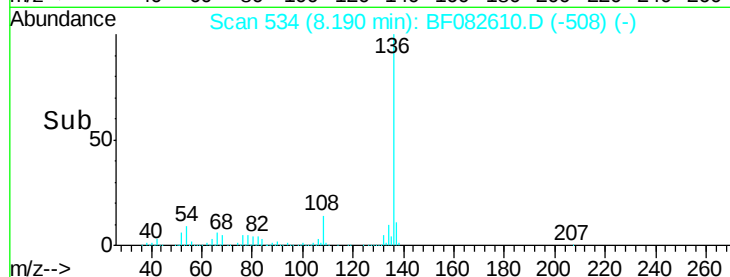
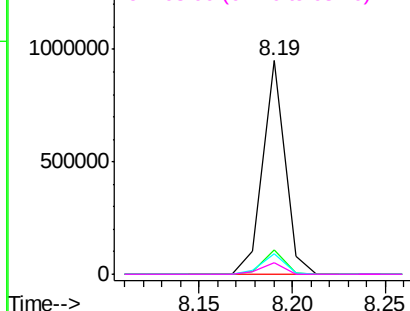


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.09 ng

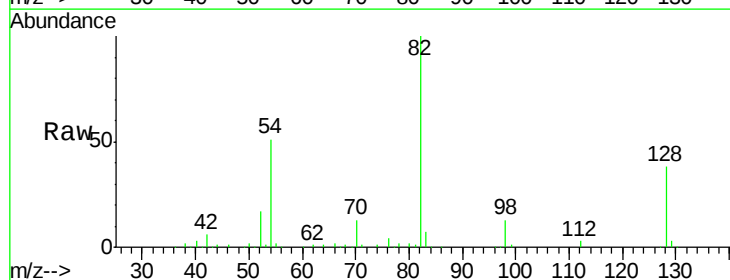
RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

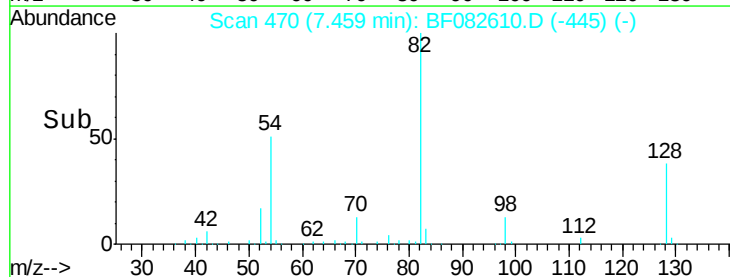
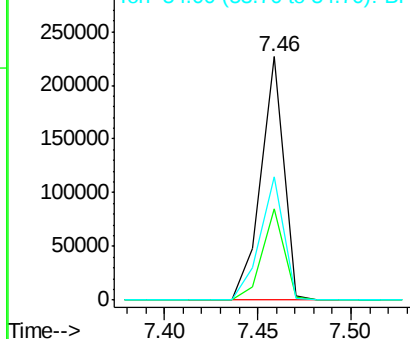
Tgt Ion:	82	Resp:	192020
Ion Ratio	Lower	Upper	
82	100		
128	37.7	26.8	40.2
54	50.6	45.7	68.5

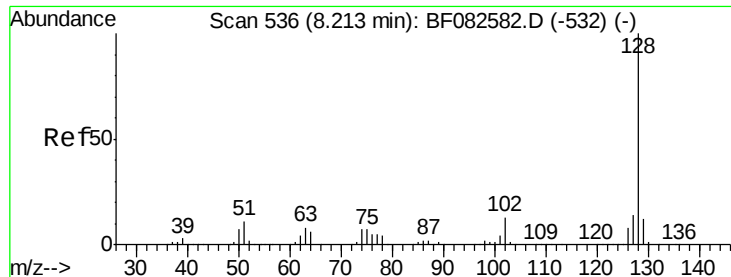


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

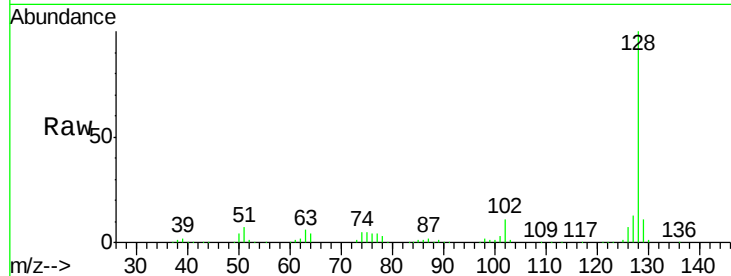




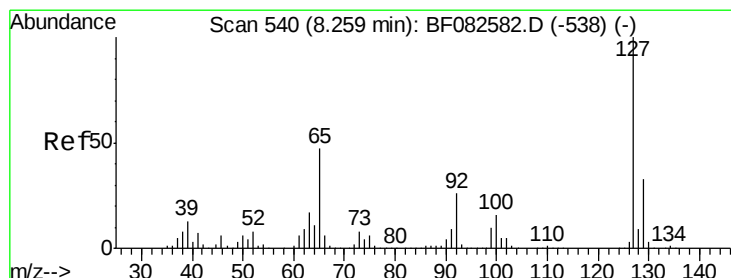
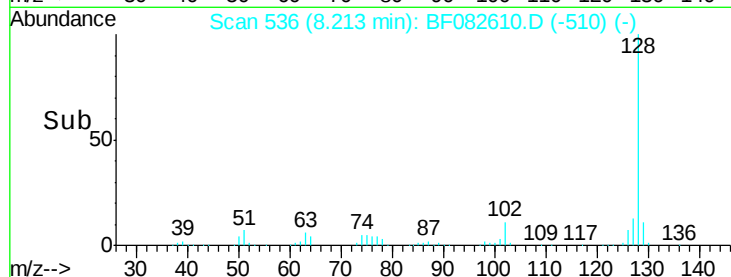
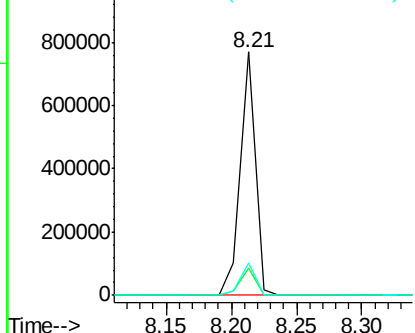
#31
Naphthalene
Concen: 14.59 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEPL

Tgt Ion:128 Resp: 613430
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 11.4 17.0

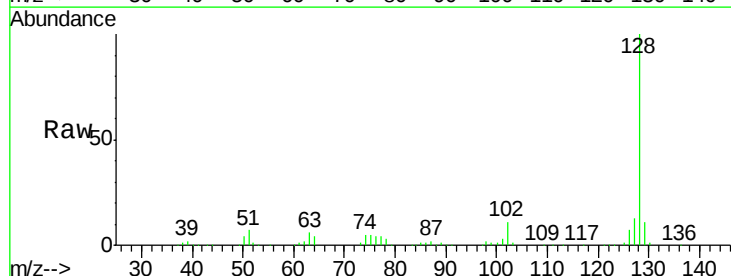


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

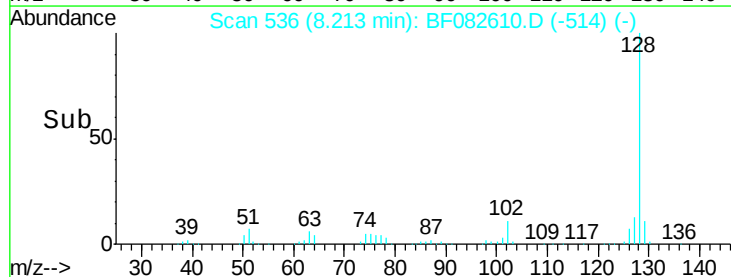
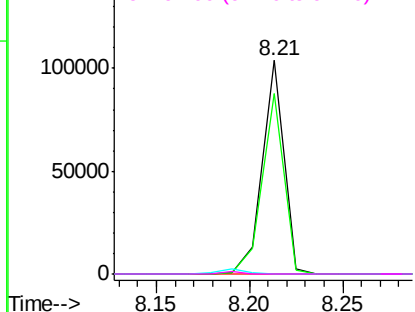


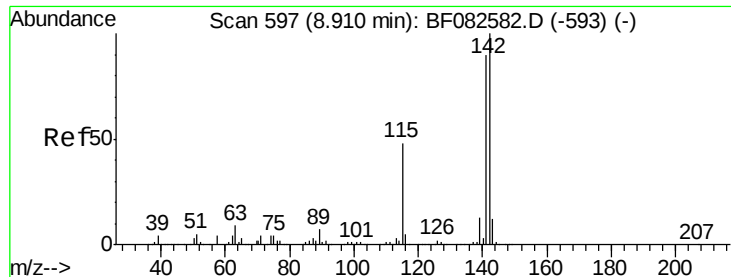
#33
4-Chloroaniline
Concen: 4.60 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

Tgt Ion:127 Resp: 82513
Ion Ratio Lower Upper
127 100
129 84.7 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: 3.02 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

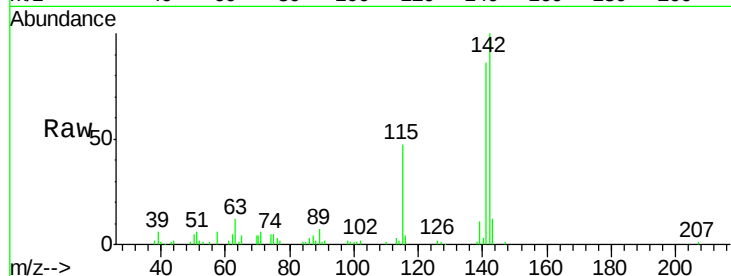
Tgt Ion:142 Resp: 82167

Ion Ratio Lower Upper

142 100

141 85.7 72.3 108.5

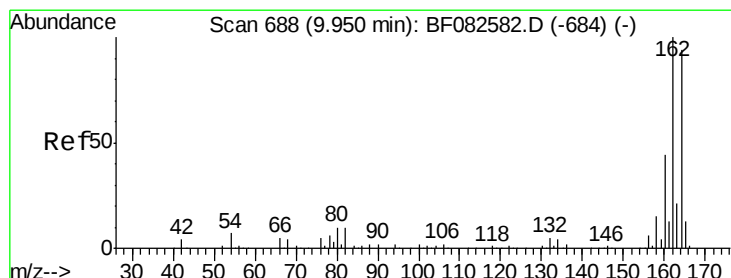
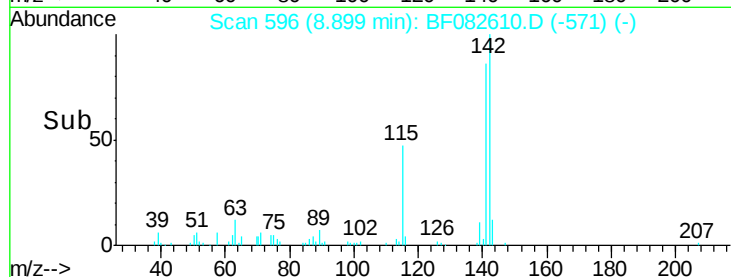
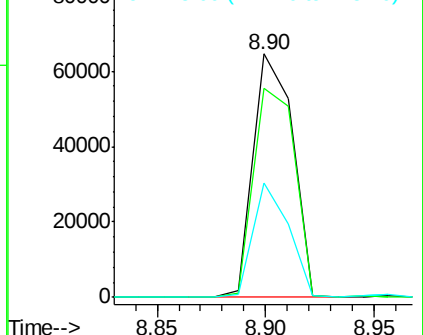
115 46.8 38.1 57.1



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: BF082610.D

Acq: 31 Oct 2015 9:46

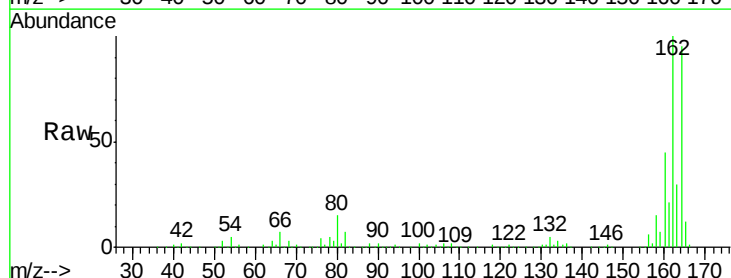
Tgt Ion:164 Resp: 400918

Ion Ratio Lower Upper

164 100

162 105.5 84.9 127.3

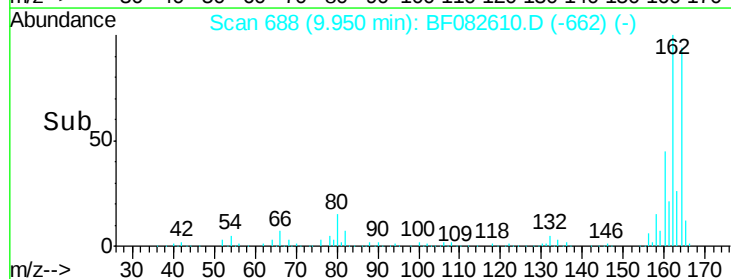
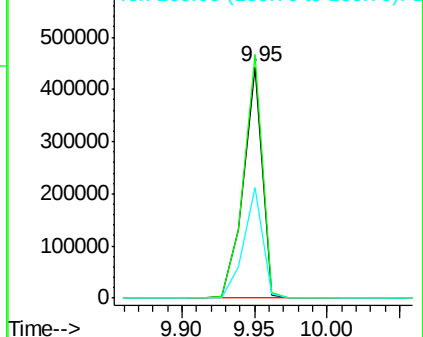
160 47.7 37.5 56.3

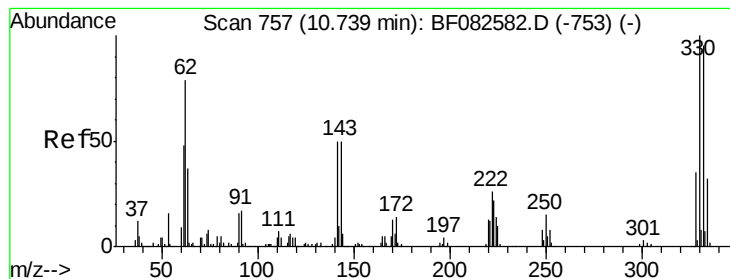


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 12.55 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

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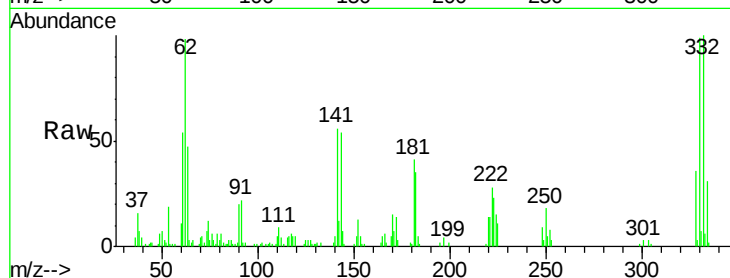
Tgt Ion:330 Resp: 55072

Ion Ratio Lower Upper

330 100

332 102.7 76.6 114.8

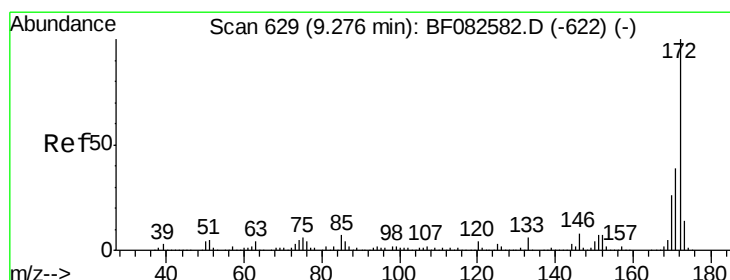
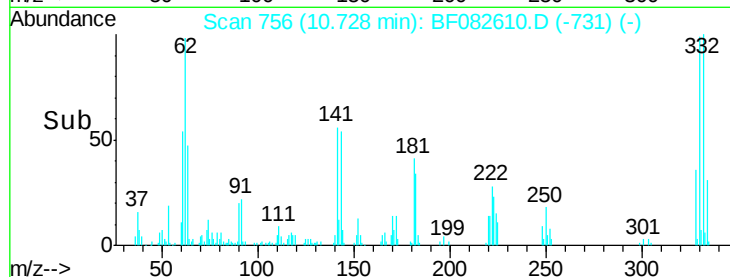
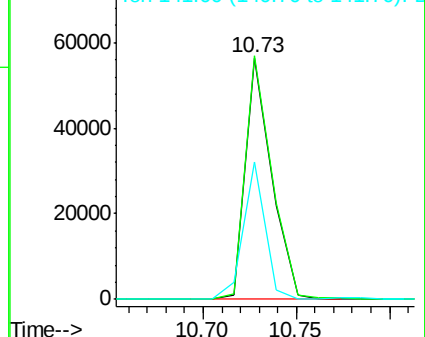
141 47.6 41.2 61.8



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: 10.09 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

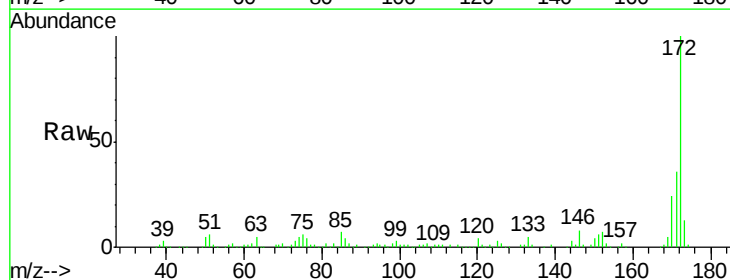
Tgt Ion:172 Resp: 285046

Ion Ratio Lower Upper

172 100

171 35.8 30.8 46.2

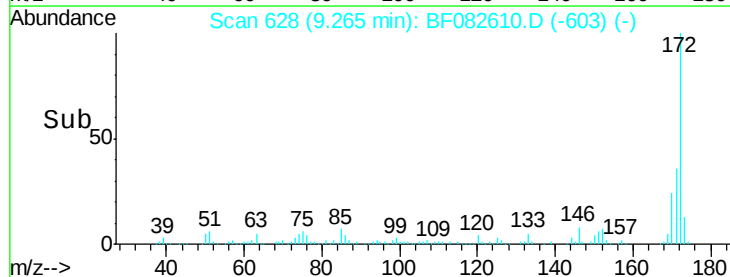
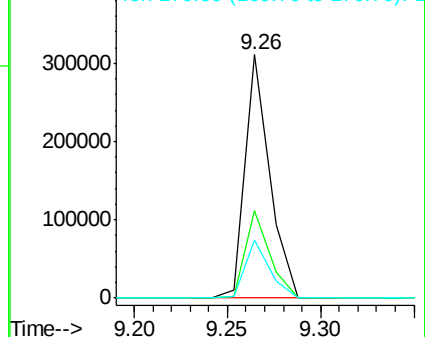
170 23.9 21.2 31.8

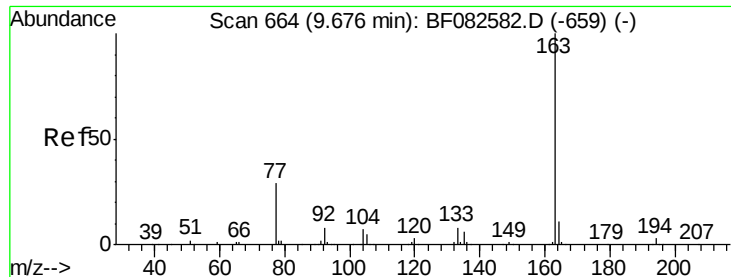


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.33 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

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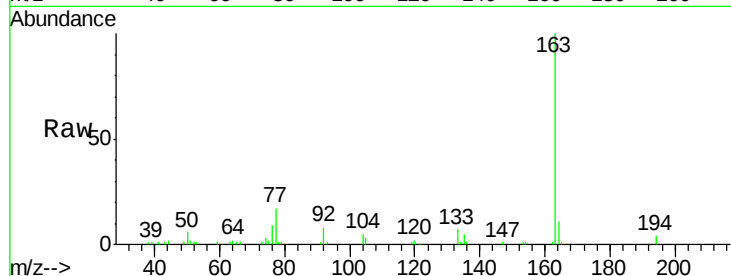
Tgt Ion:163 Resp: 76153

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

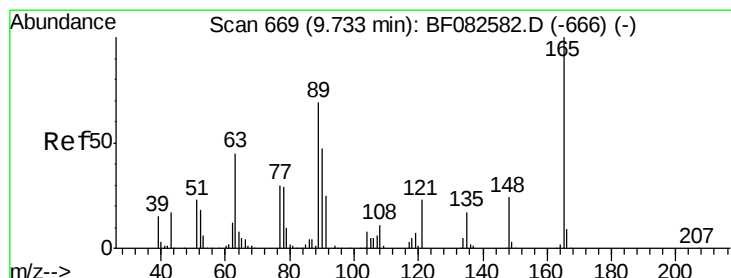
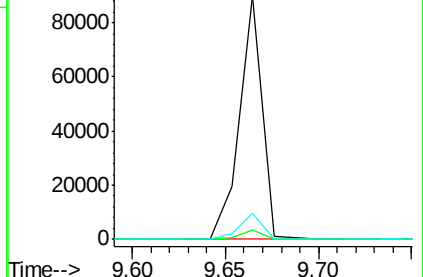
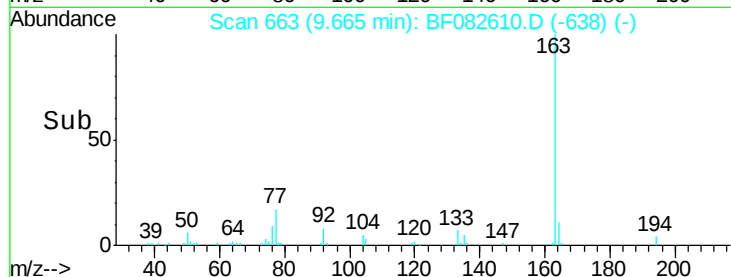
164 10.6 8.7 13.1



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



#50

2,6-Dinitrotoluene

Concen: 8.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.22 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

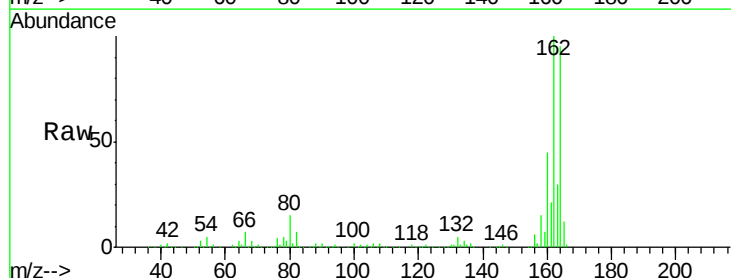
Tgt Ion:165 Resp: 54277

Ion Ratio Lower Upper

165 100

63 0.8 55.5 83.3#

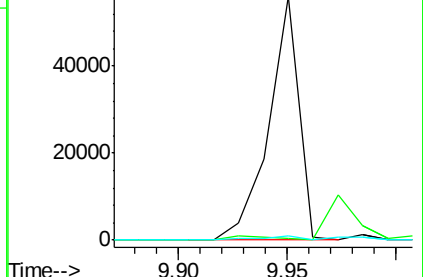
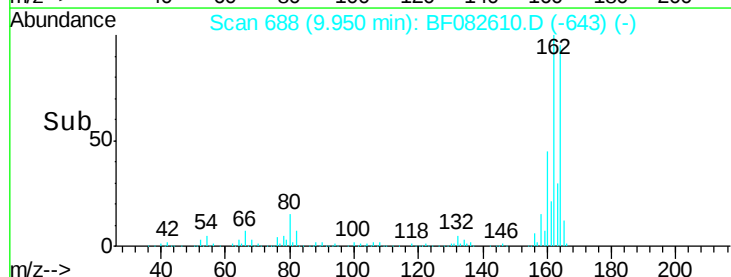
89 1.6 55.0 82.6#

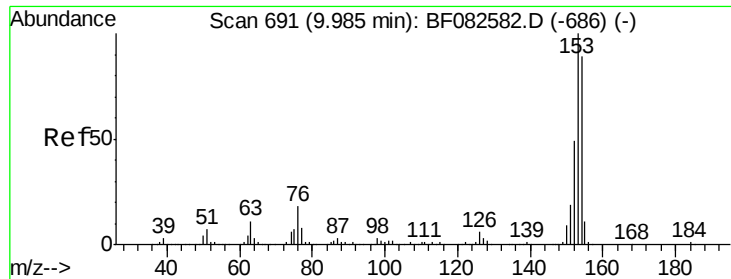


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.45 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

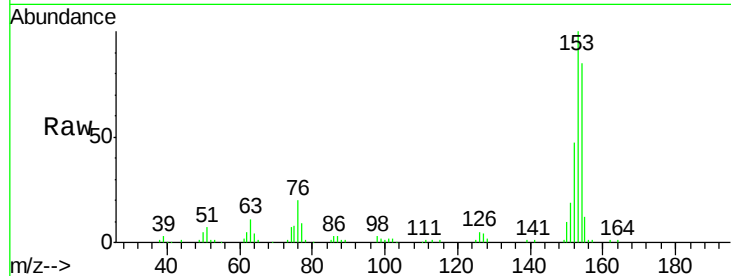
Tgt Ion:154 Resp: 92532

Ion Ratio Lower Upper

154 100

153 118.3 90.1 135.1

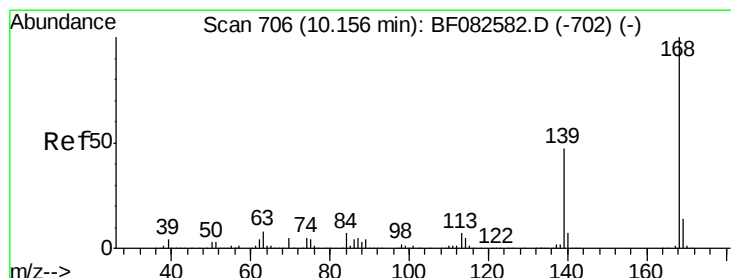
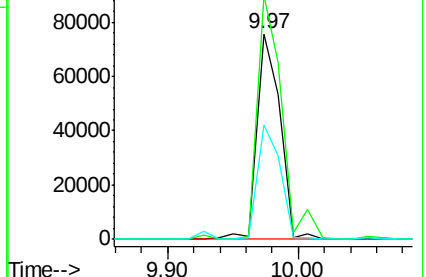
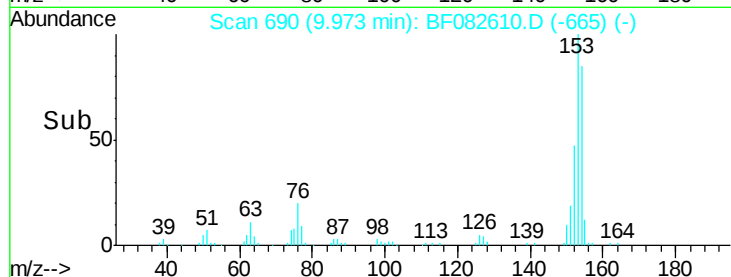
152 55.5 44.3 66.5



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: 3.86 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

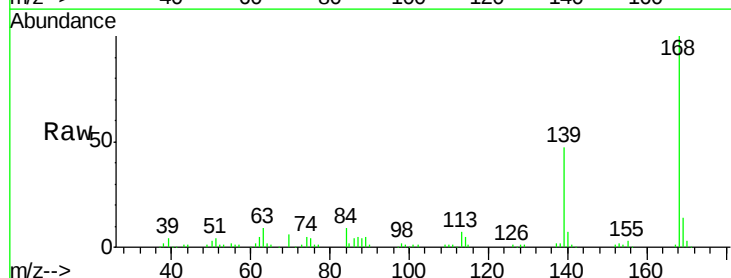
Tgt Ion:168 Resp: 140758

Ion Ratio Lower Upper

168 100

139 46.8 37.8 56.6

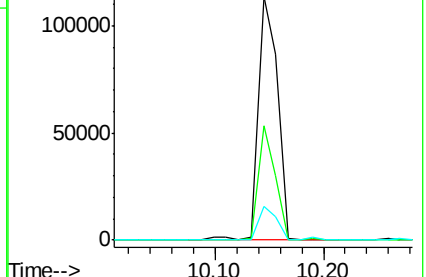
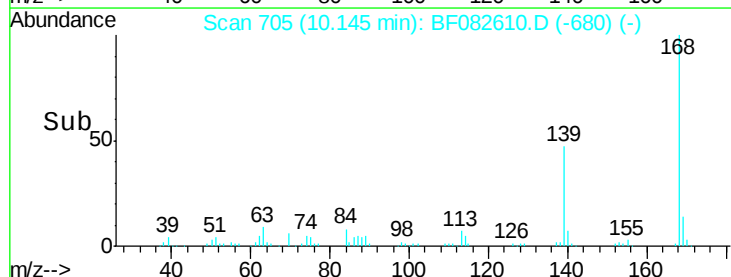
169 14.1 11.3 16.9

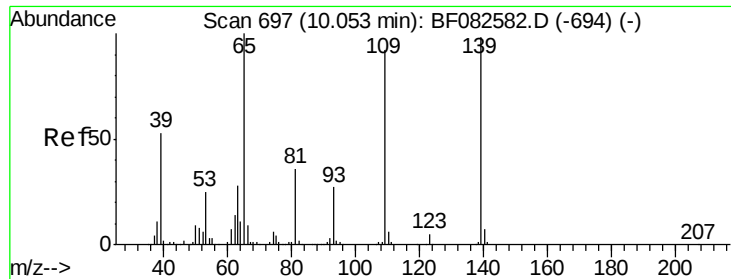


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

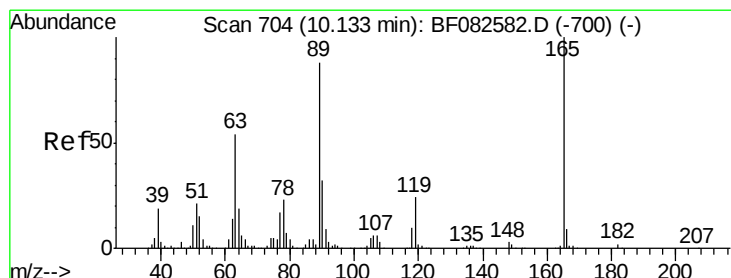
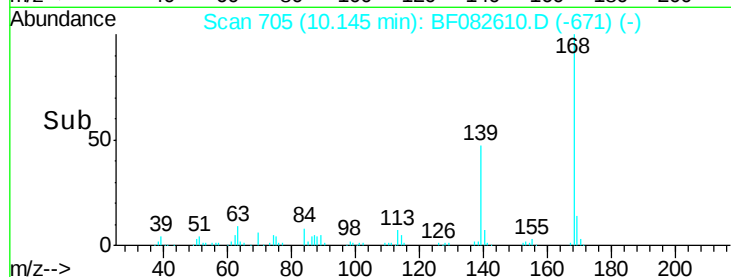
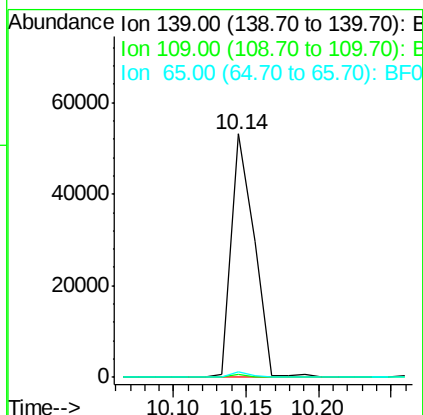
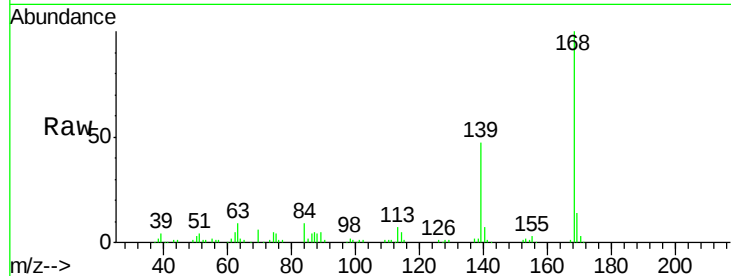




#55
4-Nitrophenol
Concen: 10.28 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.09 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

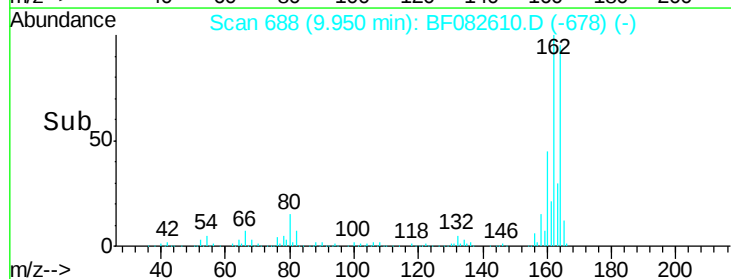
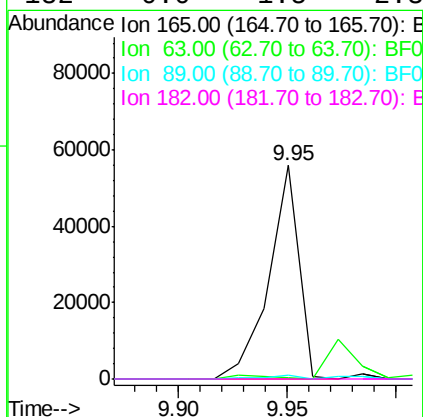
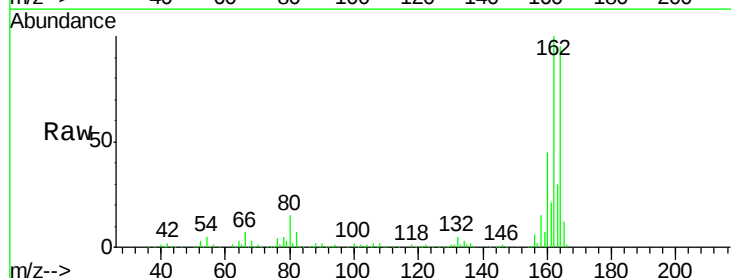
Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEPL

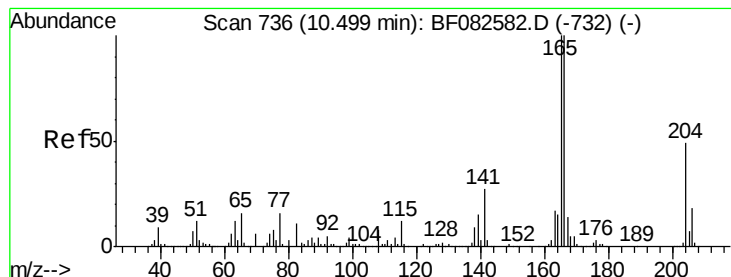
Tgt Ion:139 Resp: 58420
Ion Ratio Lower Upper
139 100
109 1.1 73.7 113.7#
65 2.3 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.18 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

Tgt Ion:165 Resp: 54277
Ion Ratio Lower Upper
165 100
63 0.8 43.4 65.0#
89 1.6 70.6 106.0#
182 0.0 1.5 2.3#





#57

Fluorene

Concen: 4.66 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

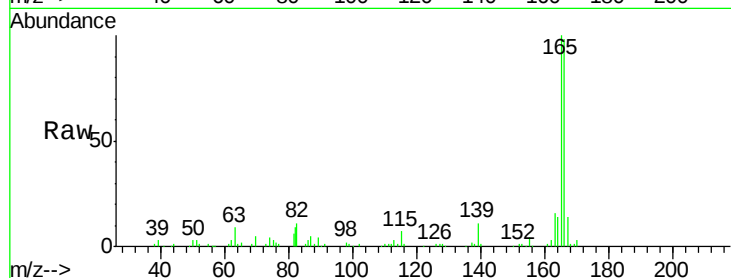
Tgt Ion:166 Resp: 136848

Ion Ratio Lower Upper

166 100

165 101.6 80.2 120.4

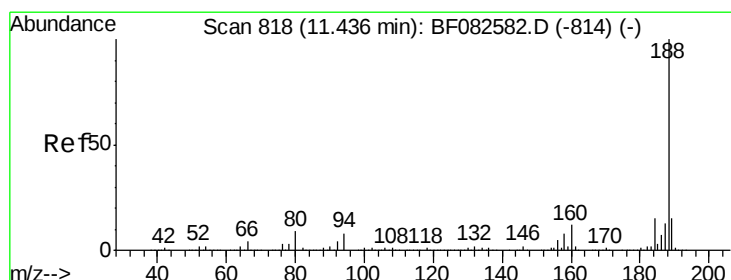
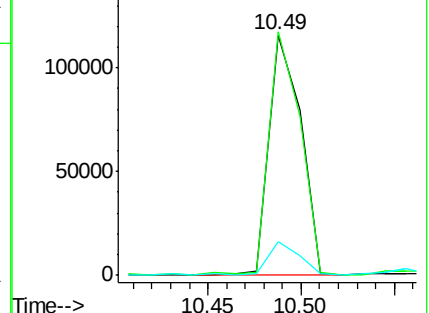
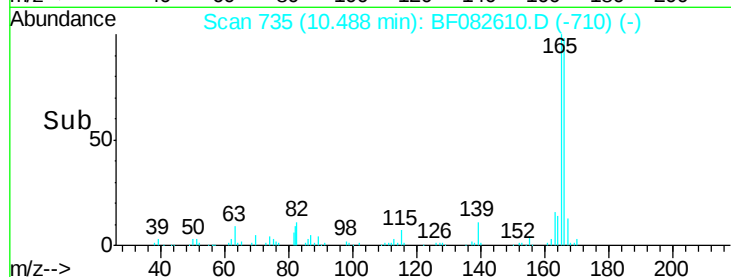
167 13.9 11.2 16.8



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: BF082610.D

Acq: 31 Oct 2015 9:46

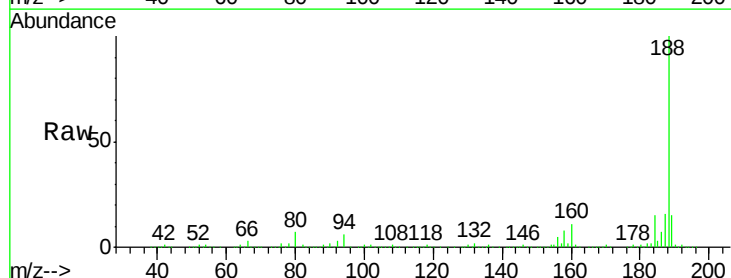
Tgt Ion:188 Resp: 704187

Ion Ratio Lower Upper

188 100

94 5.9 6.1 9.1#

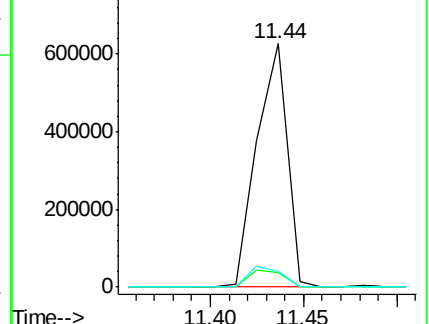
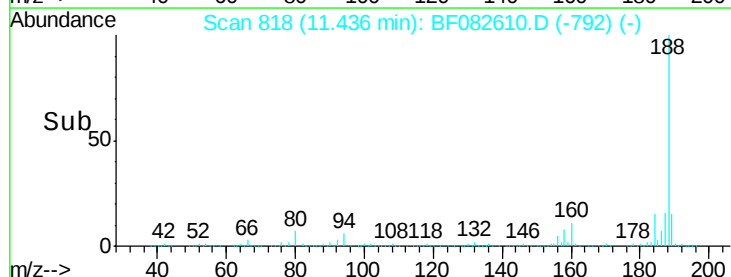
80 6.7 7.0 10.6#

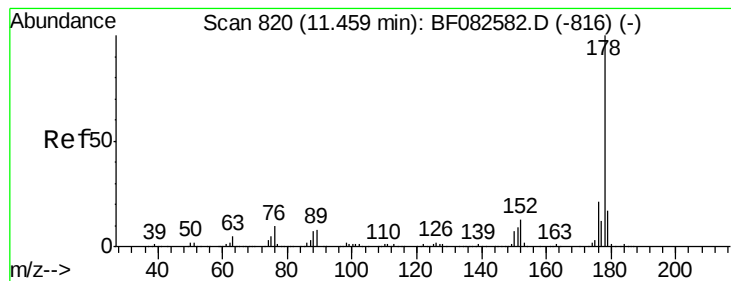


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 32.06 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

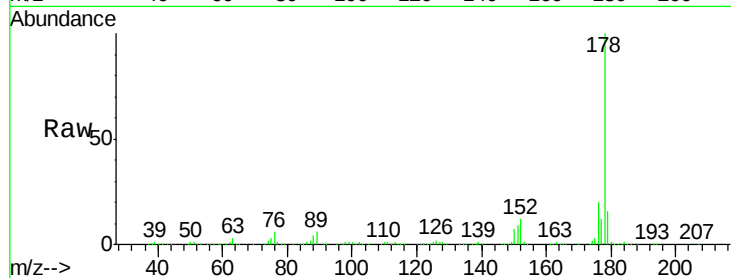
Tgt Ion:178 Resp: 1273426

Ion Ratio Lower Upper

178 100

176 20.3 17.0 25.4

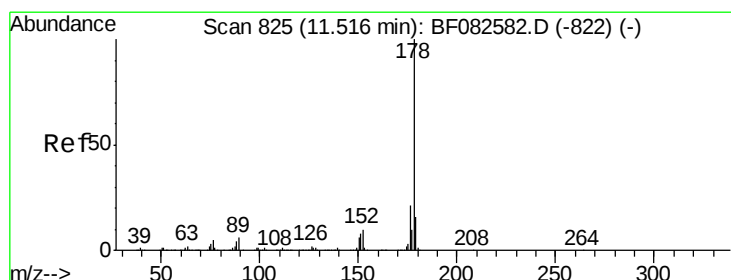
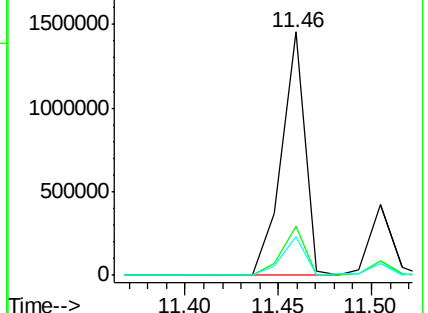
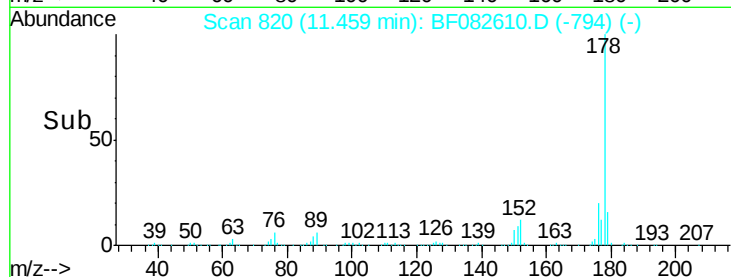
179 16.0 13.4 20.0



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: 8.89 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

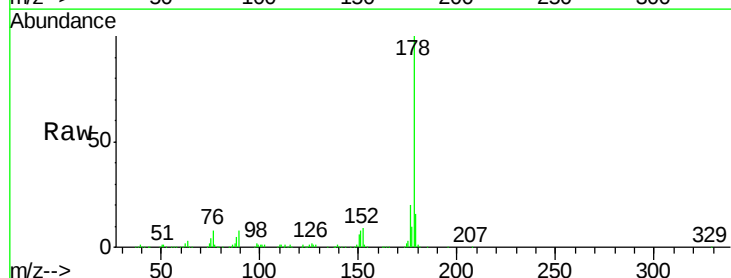
Tgt Ion:178 Resp: 355606

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

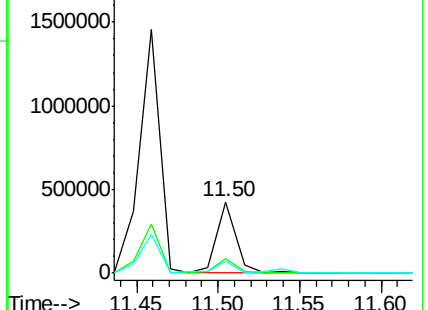
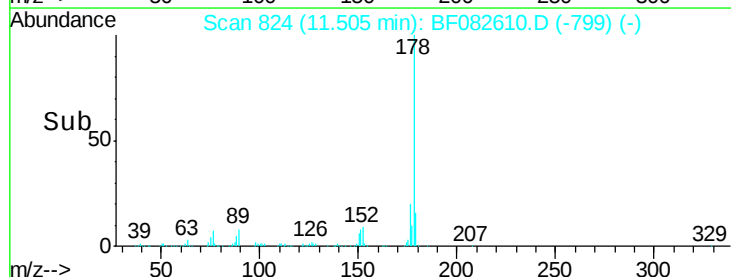
179 15.9 13.2 19.8

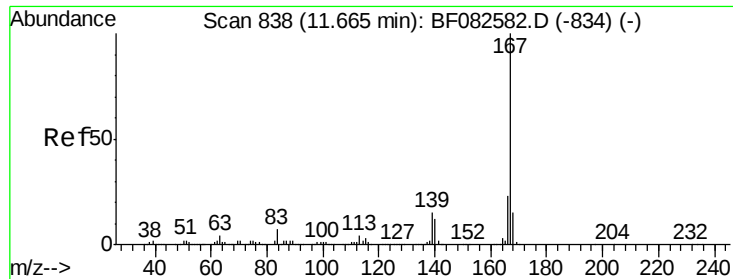


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.09 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

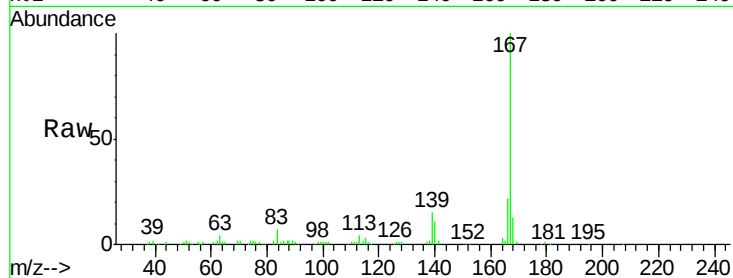
Tgt Ion:167 Resp: 142578

Ion Ratio Lower Upper

167 100

166 22.4 18.7 28.1

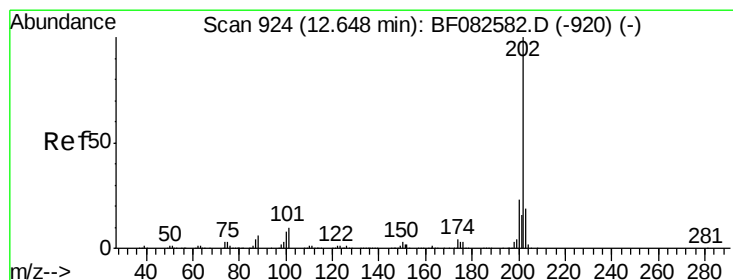
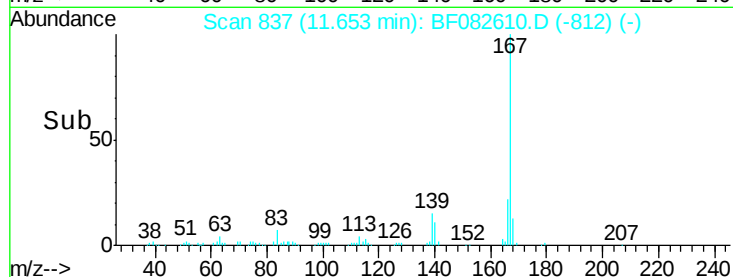
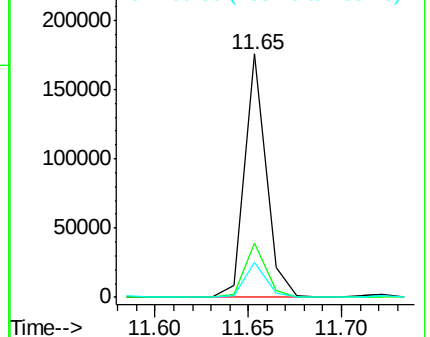
139 14.5 11.8 17.6



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: 26.77 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

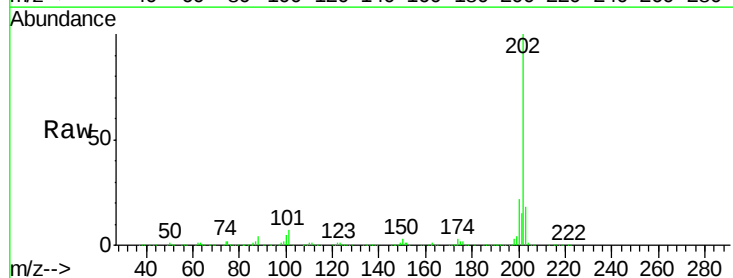
Tgt Ion:202 Resp: 1086943

Ion Ratio Lower Upper

202 100

101 7.3 0.0 30.5

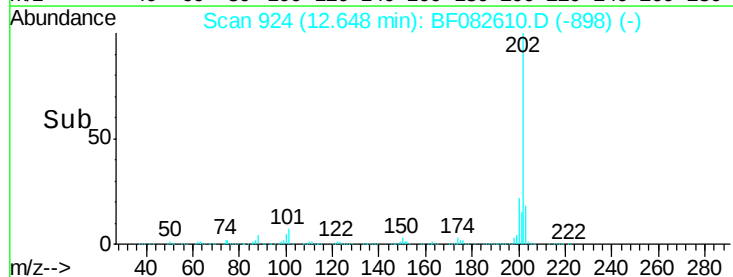
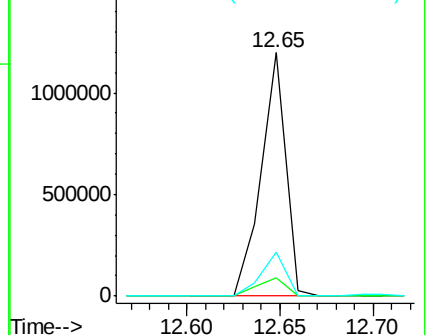
203 18.0 0.0 38.5

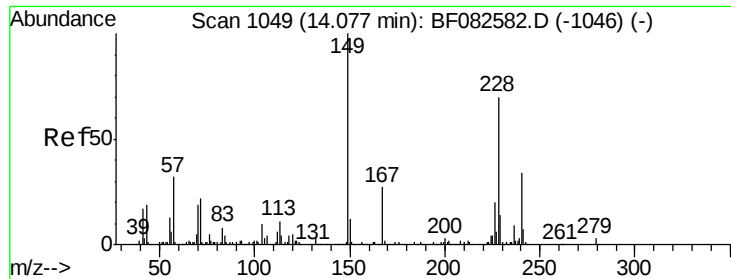


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

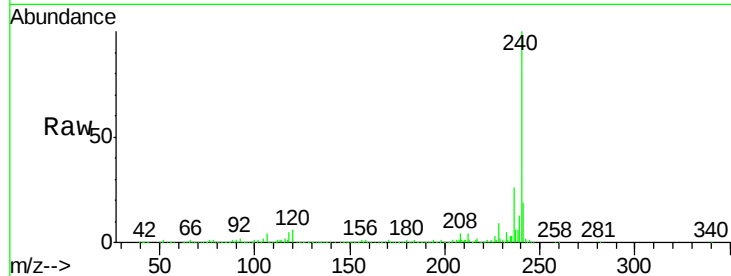
Tgt Ion:240 Resp: 470601

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

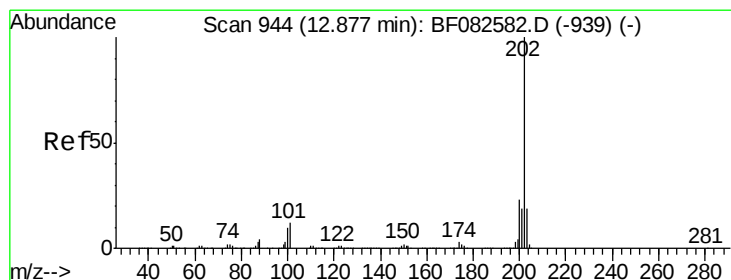
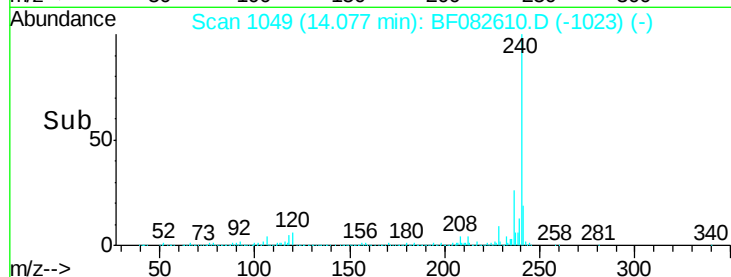
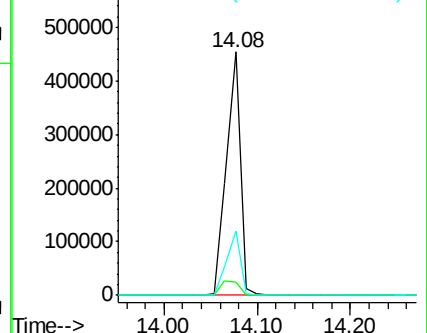
236 26.4 21.6 32.4



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: 23.63 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

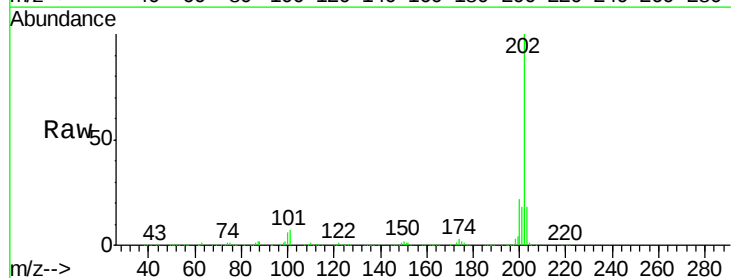
Tgt Ion:202 Resp: 823284

Ion Ratio Lower Upper

202 100

200 21.7 18.7 28.1

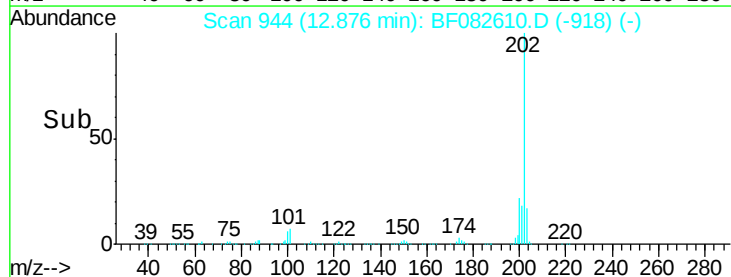
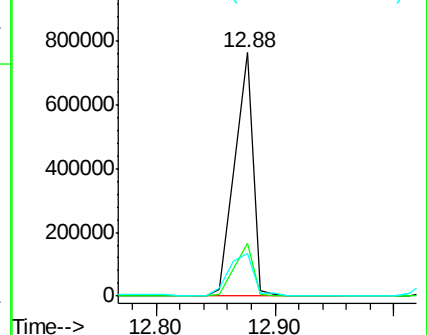
203 17.6 14.8 22.2

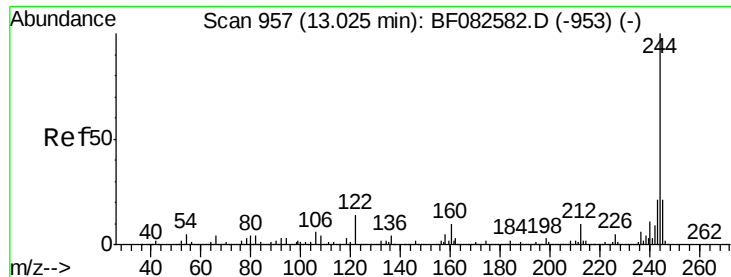


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.50 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

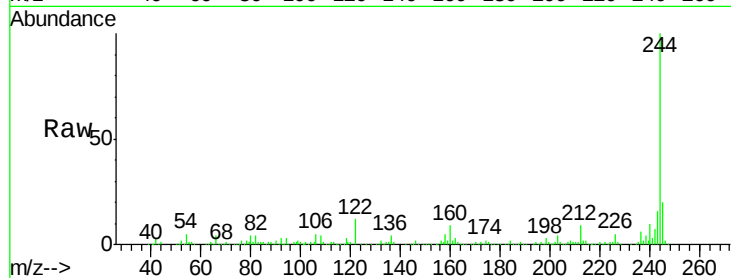
Tgt Ion:244 Resp: 247359

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

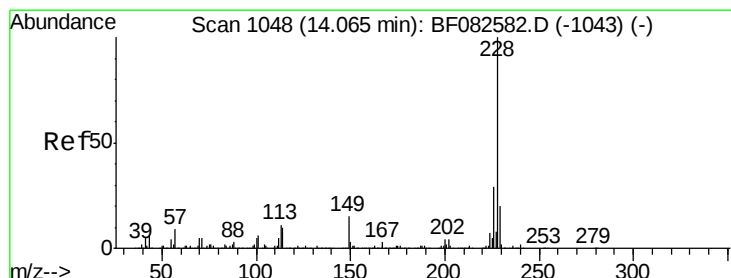
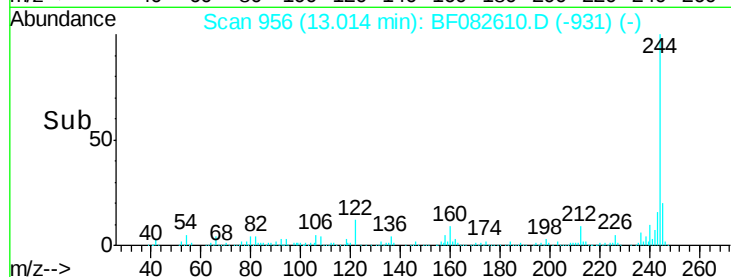
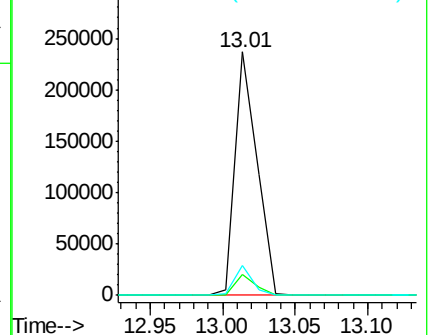
122 12.4 11.3 16.9



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: 13.01 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

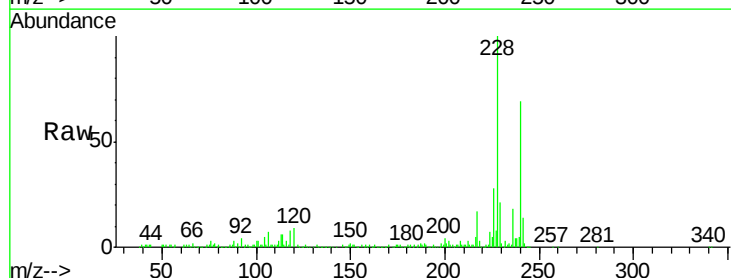
Tgt Ion:228 Resp: 388959

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

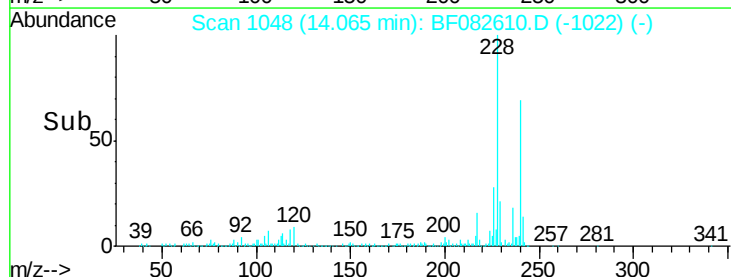
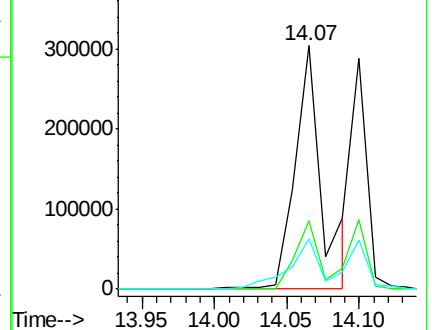
229 20.9 16.3 24.5

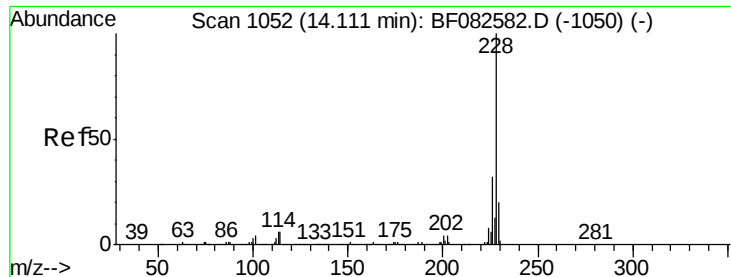


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 14.36 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

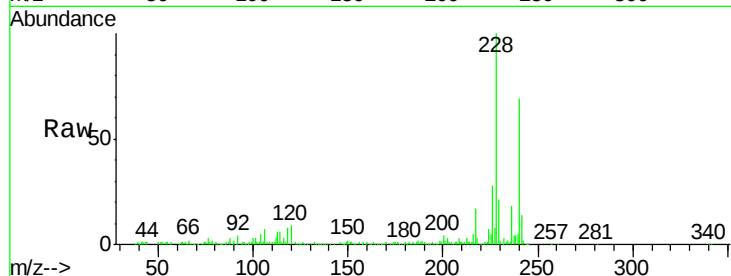
Tgt Ion:228 Resp: 388959

Ion Ratio Lower Upper

228 100

226 27.8 25.5 38.3

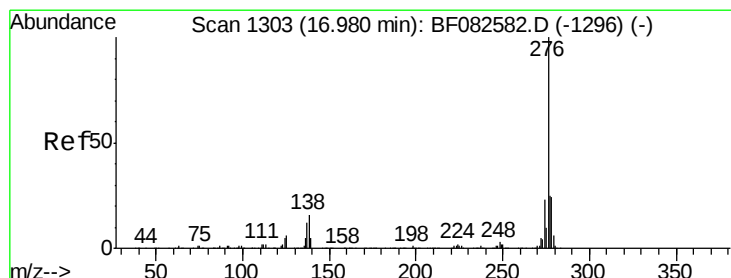
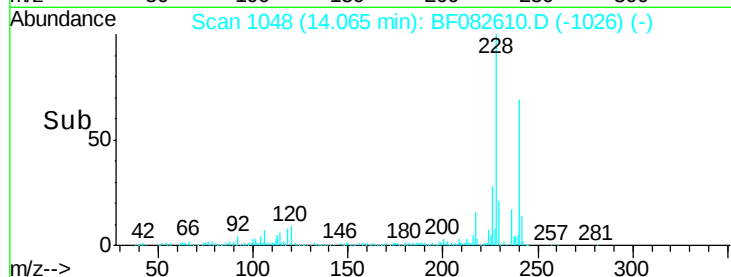
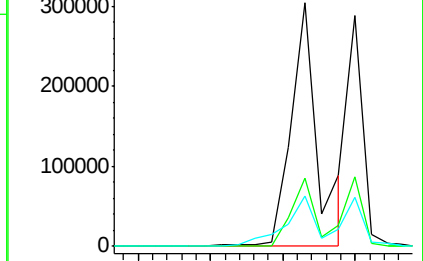
229 20.9 16.3 24.5



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: 6.27 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

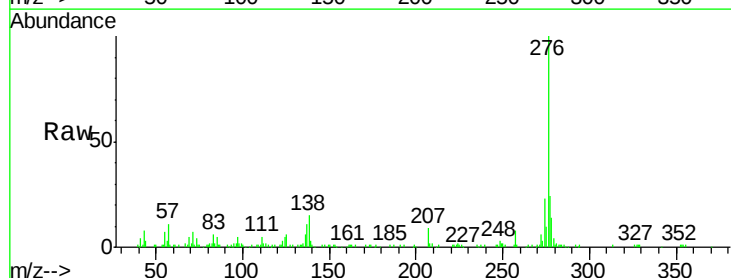
Tgt Ion:276 Resp: 140205

Ion Ratio Lower Upper

276 100

138 16.4 15.3 22.9

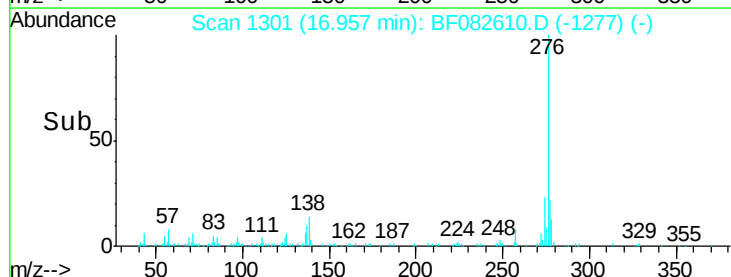
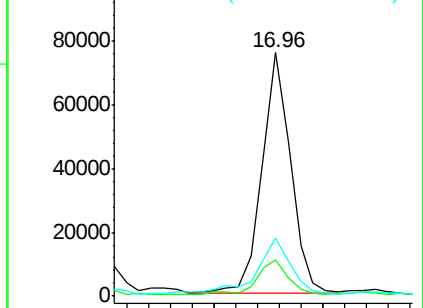
277 29.8 20.2 30.4

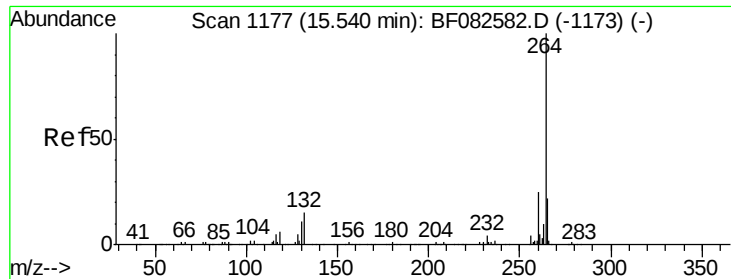


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

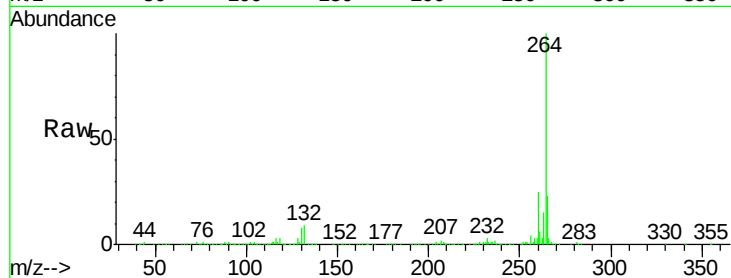




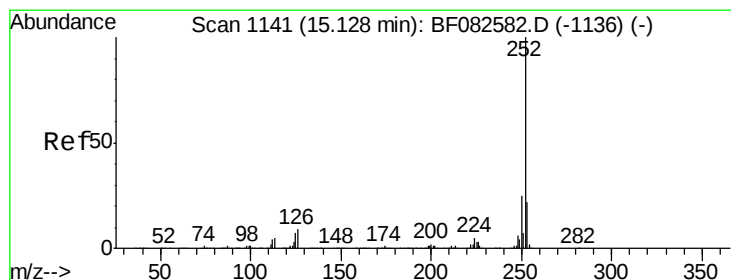
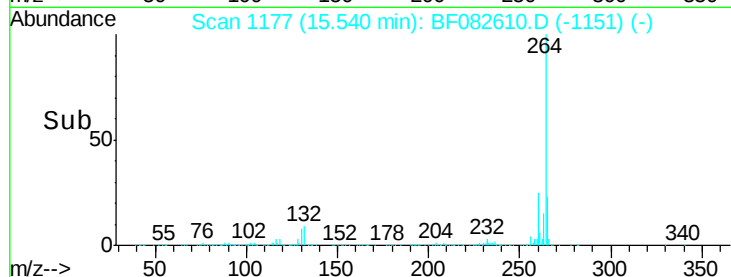
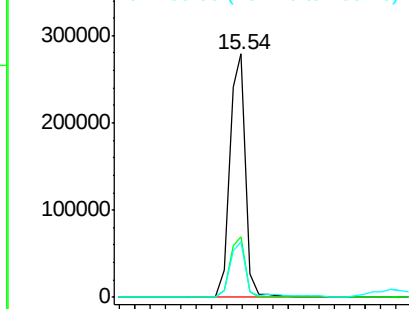
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEPL

Tgt Ion:264 Resp: 406697
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.6
265 22.6 17.4 26.0

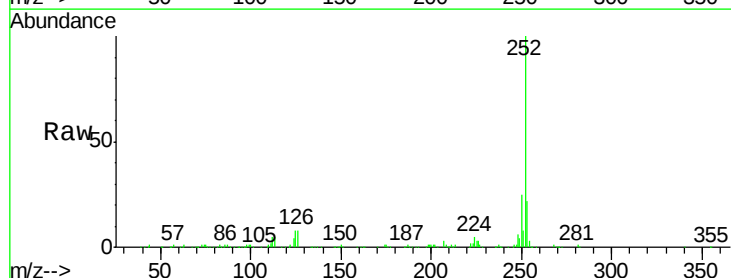


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

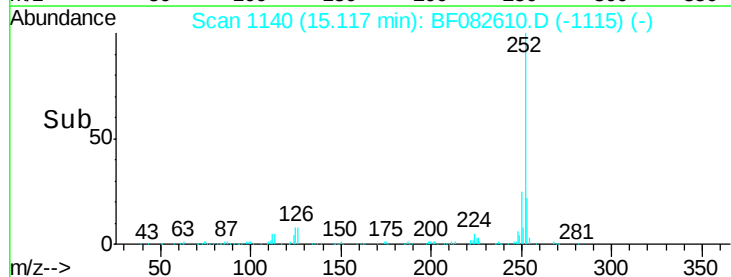
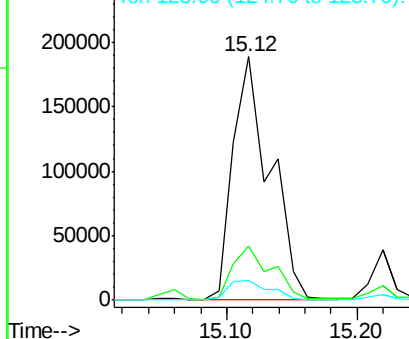


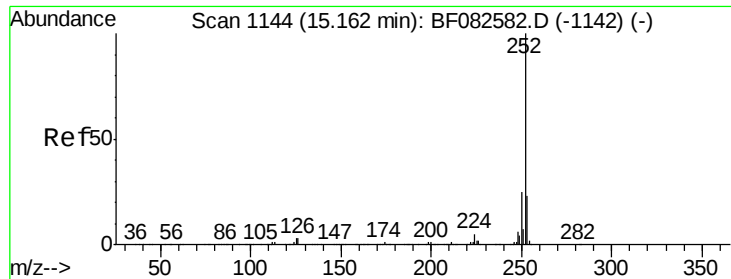
#87
Benzo(b)fluoranthene
Concen: 13.31 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

Tgt Ion:252 Resp: 373383
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.9 5.4 8.2



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

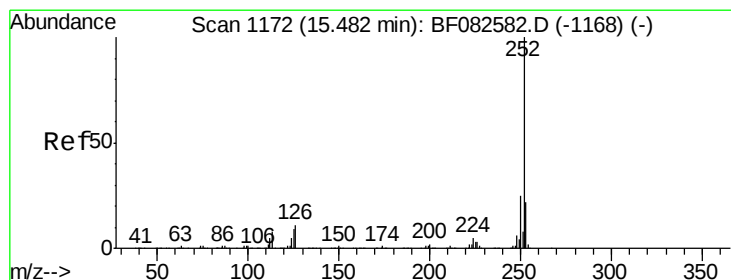
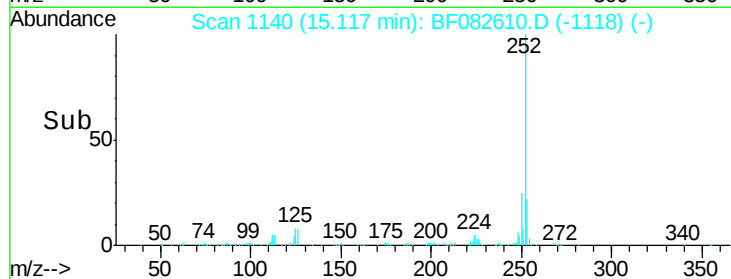
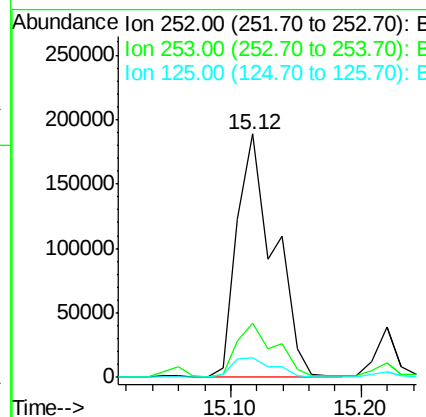
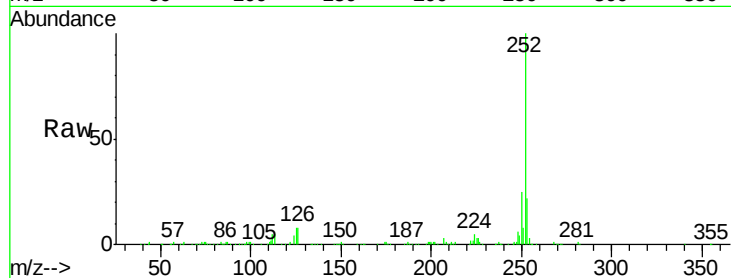




#88
Benzo(k)fluoranthene
Concen: 17.48 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

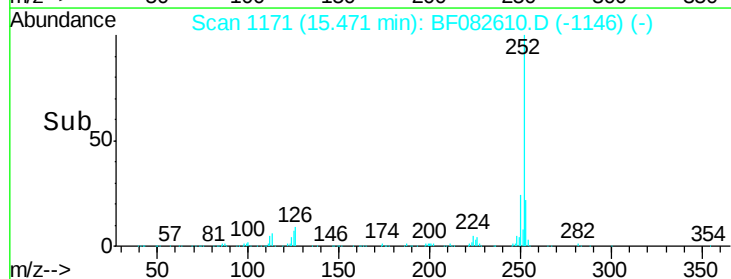
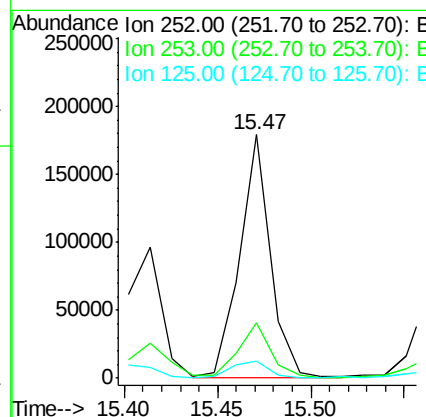
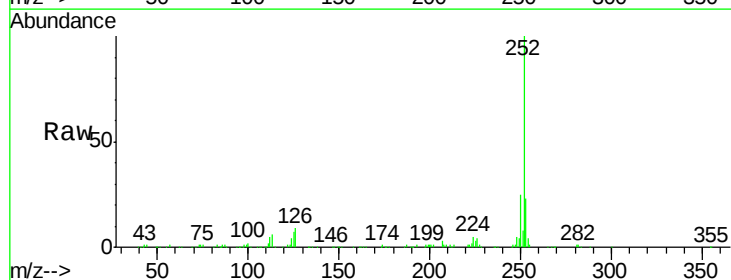
Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEPL

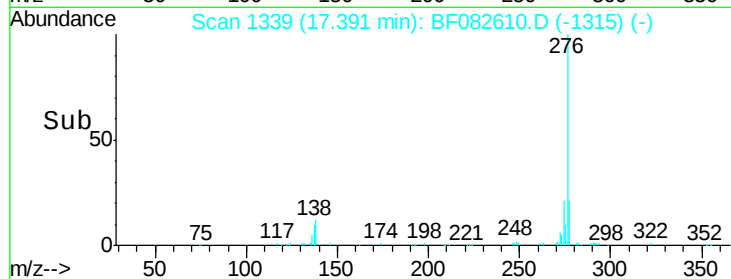
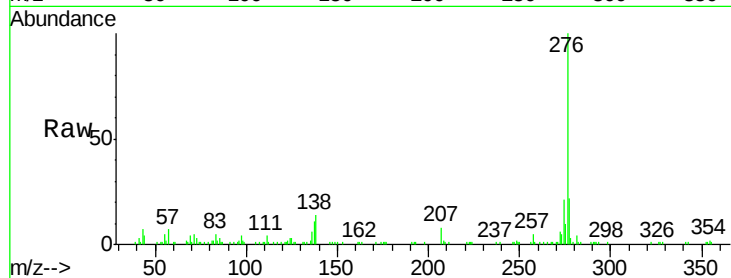
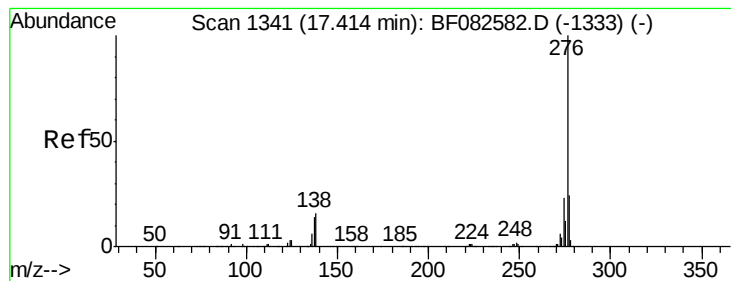
Tgt Ion:252 Resp: 373383
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.9 3.5 5.3#



#89
Benzo(a)pyrene
Concen: 9.31 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF082610.D
Acq: 31 Oct 2015 9:46

Tgt Ion:252 Resp: 205679
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 7.2 7.1 10.7





#91

Benzo(g,h,i)perylene

Concen: 6.56 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082610.D

Acq: 31 Oct 2015 9:46

Instrument :

BNA_F

ClientSampleId :

S1-BOILERROOM2.5FTDEEPL

Tgt Ion: 276 Resp: 130994

Ion Ratio Lower Upper

276 100

277 22.3 19.2 28.8

138 14.1 13.1 19.7

